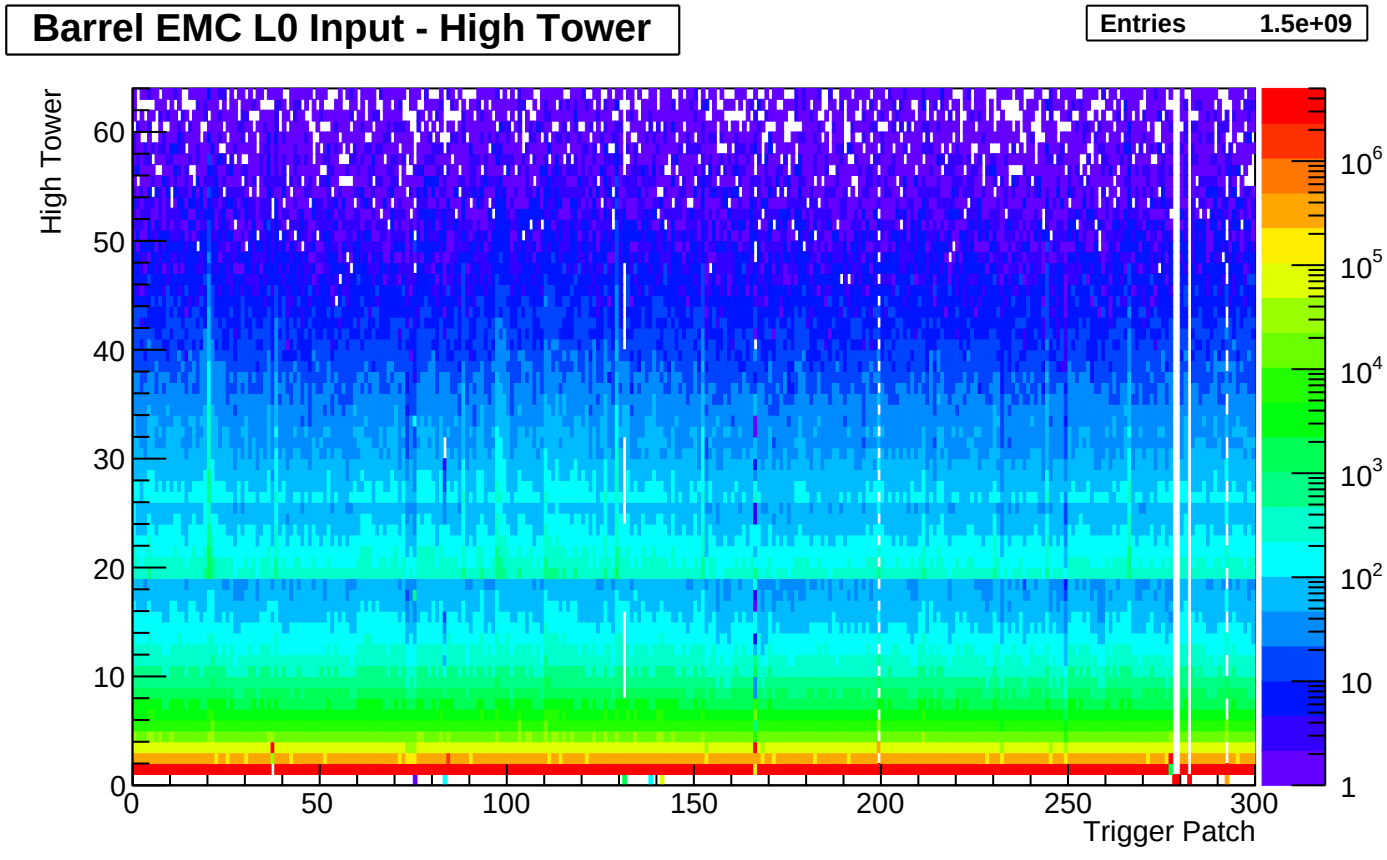
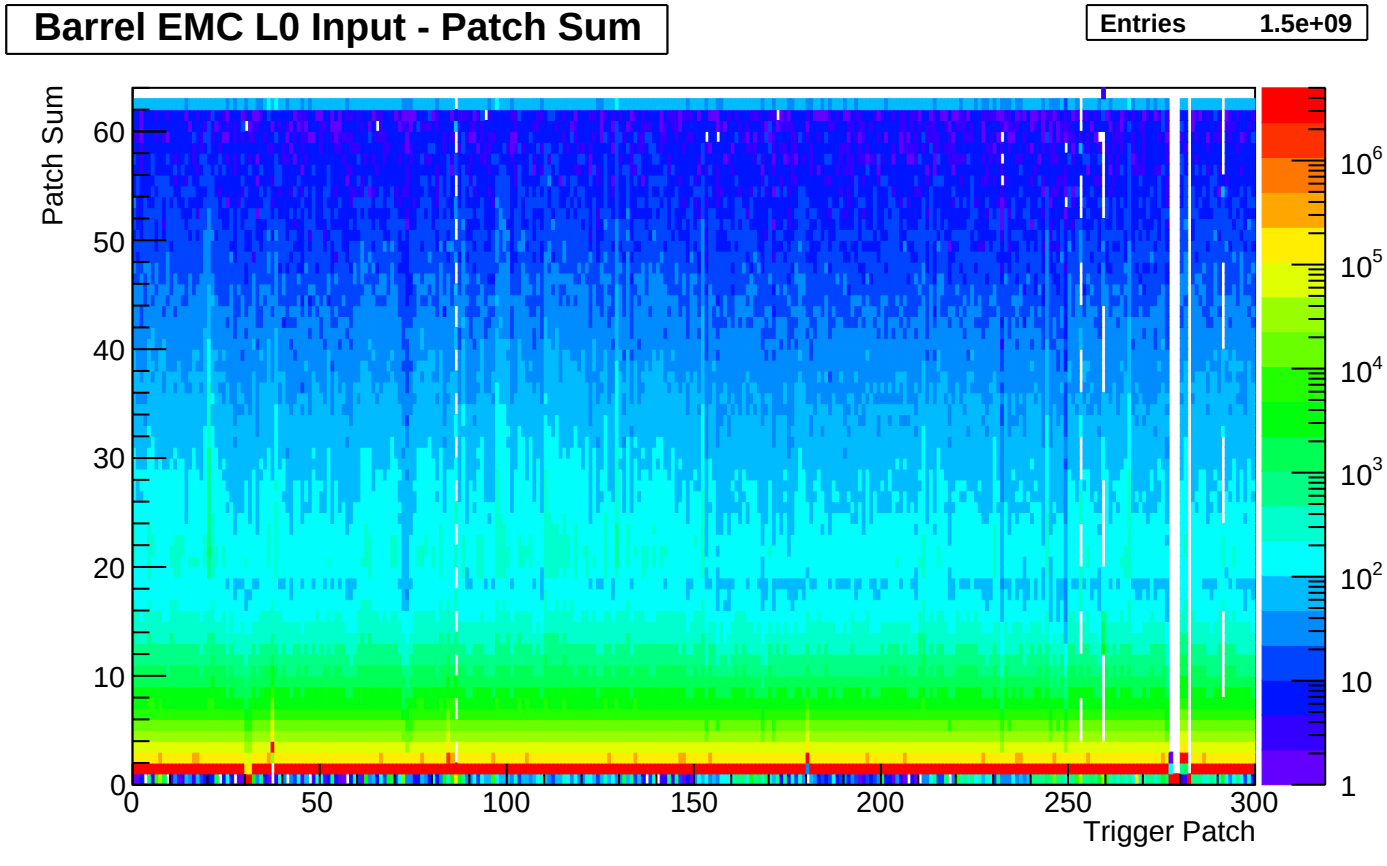
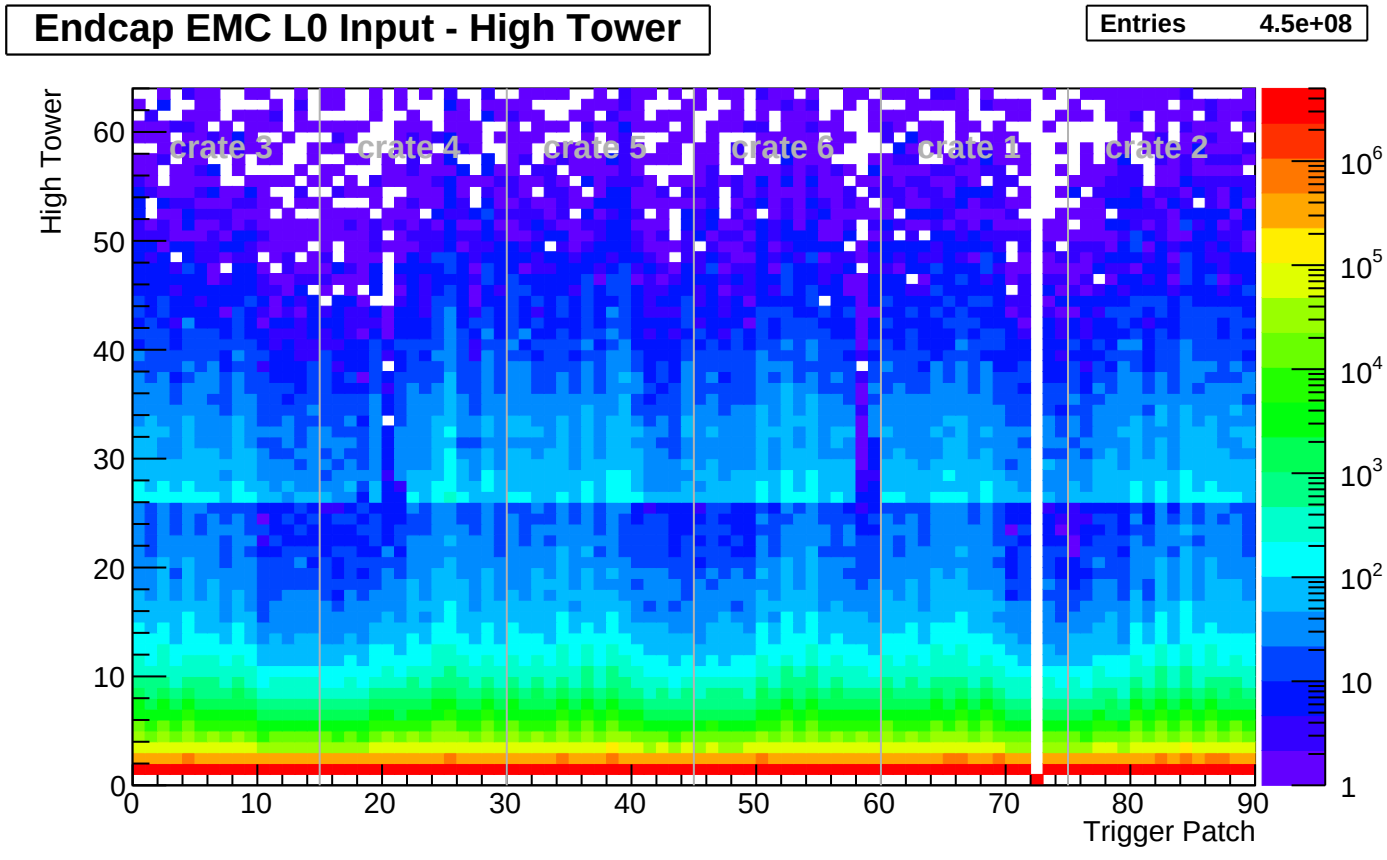
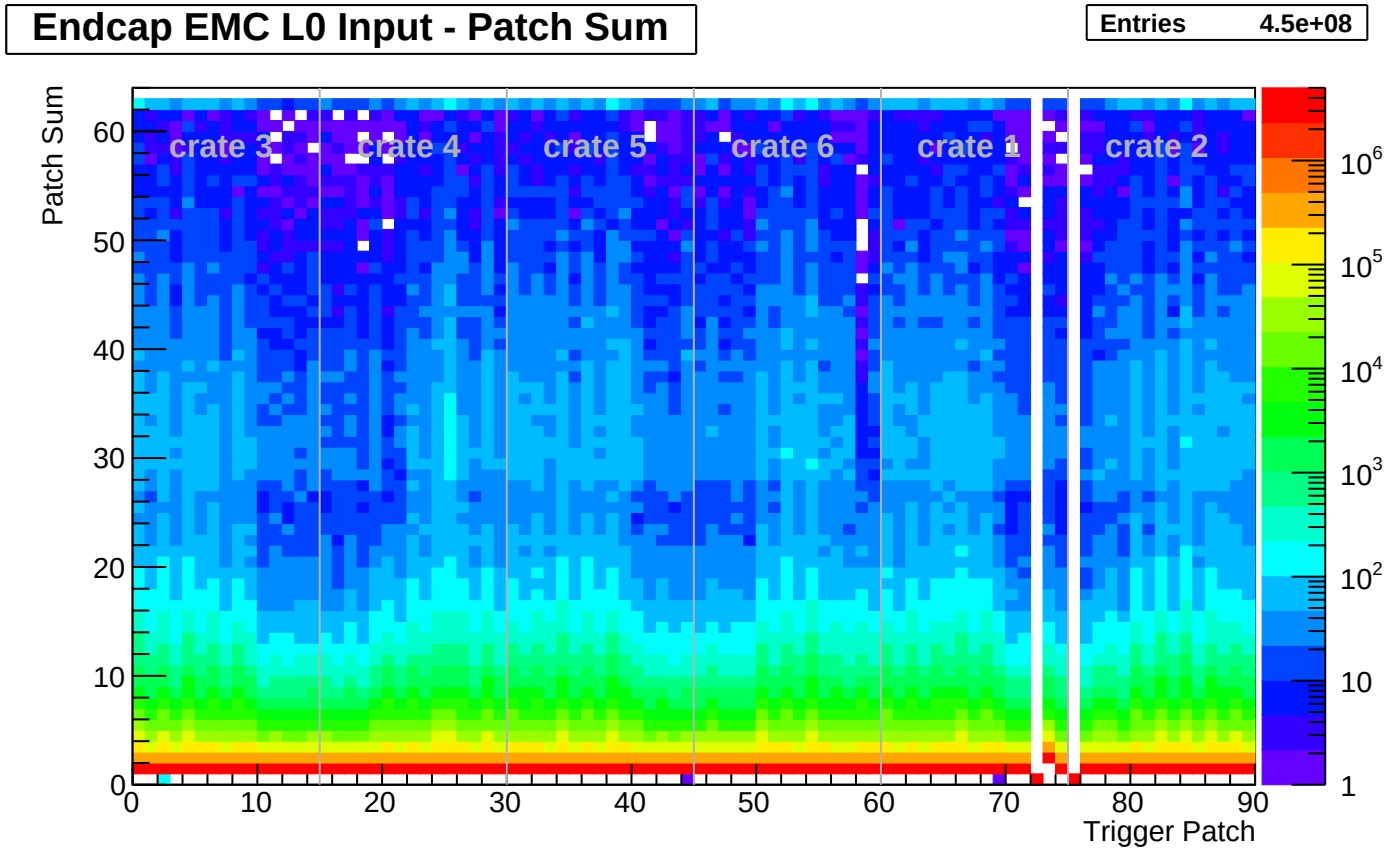
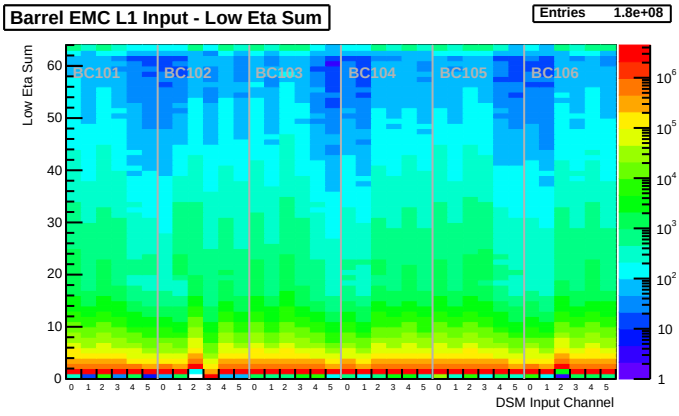
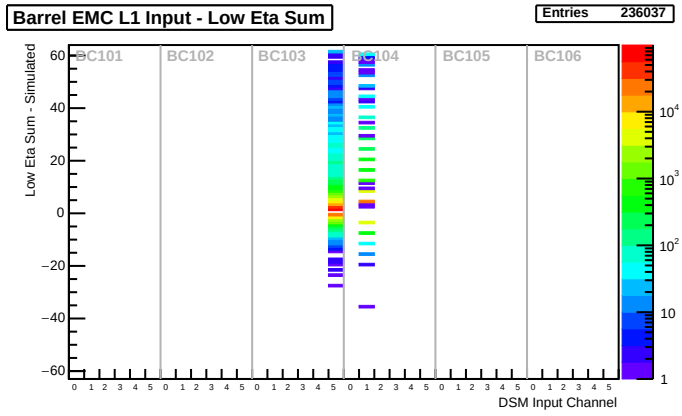

Barrel EMC L0 Input - High Tower
Entries 1.5e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

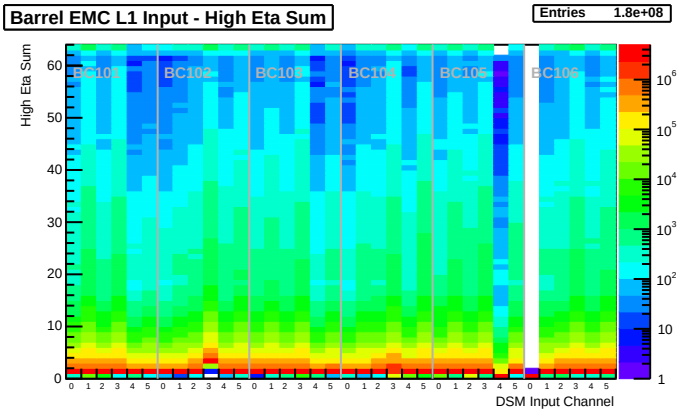

Barrel EMC L0 Input - Patch Sum
Entries 1.5e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

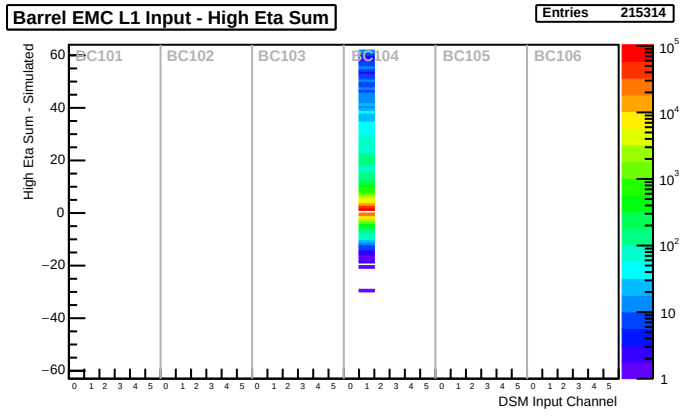

Endcap EMC L0 Input - High Tower
Entries 4.5e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

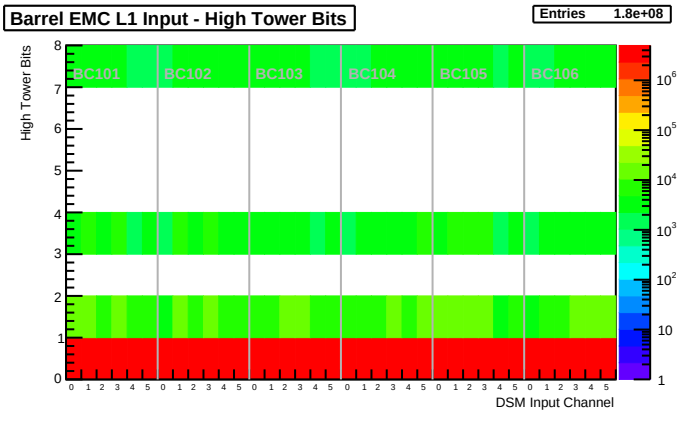

Endcap EMC L0 Input - Patch Sum
Entries 4.5e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

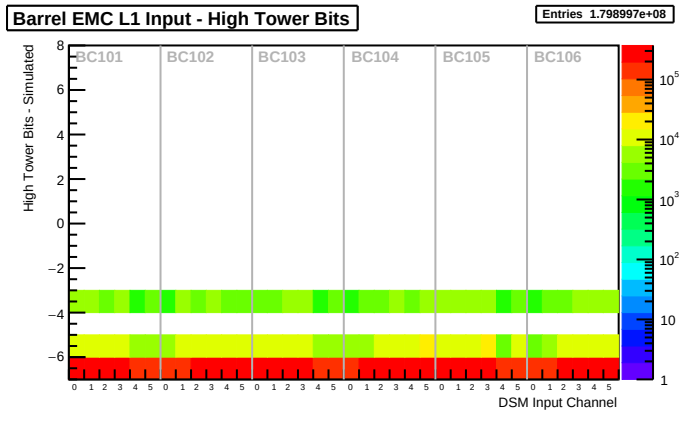

Barrel EMC L1 Input - Low Eta Sum
Entries 1.8e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

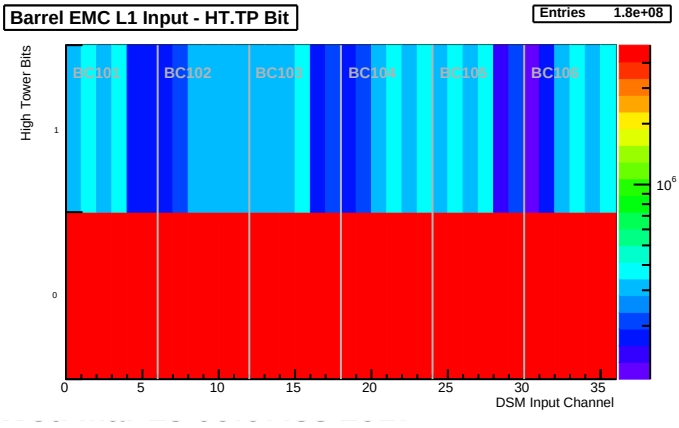

Barrel EMC L1 Input - Low Eta Sum
Entries 236037
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

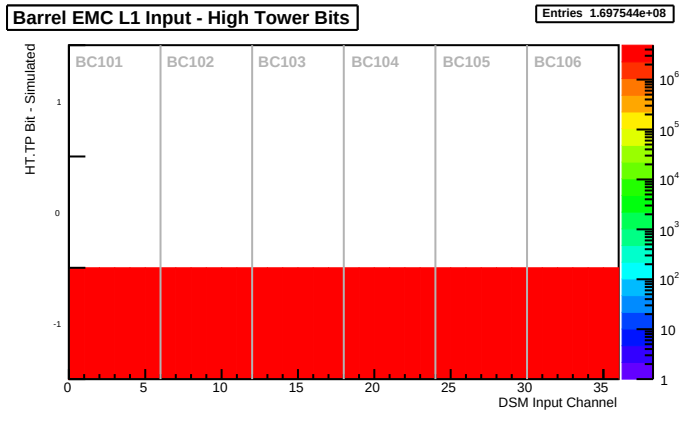

Barrel EMC L1 Input - High Eta Sum
Entries 1.8e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

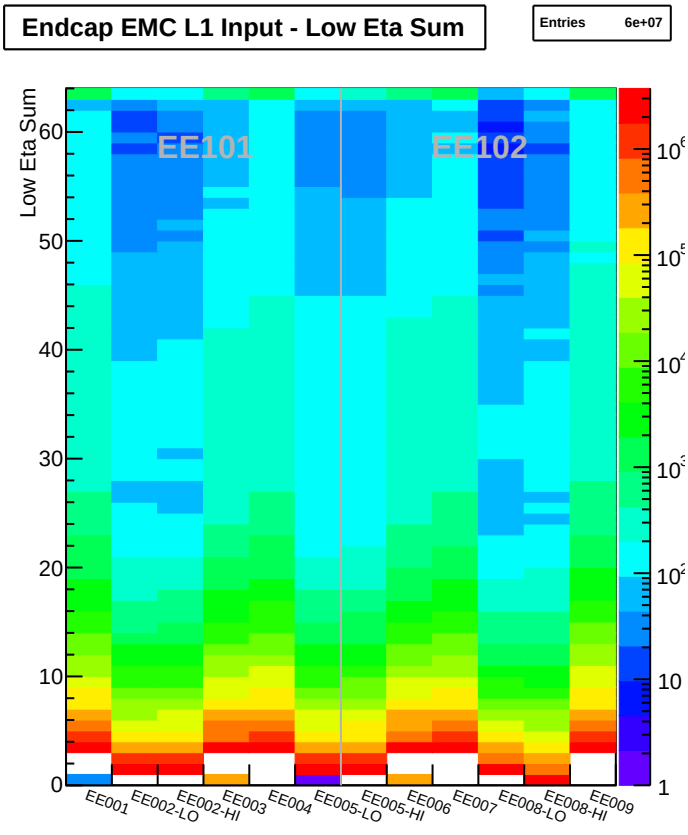

Barrel EMC L1 Input - High Eta Sum
Entries 215314
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

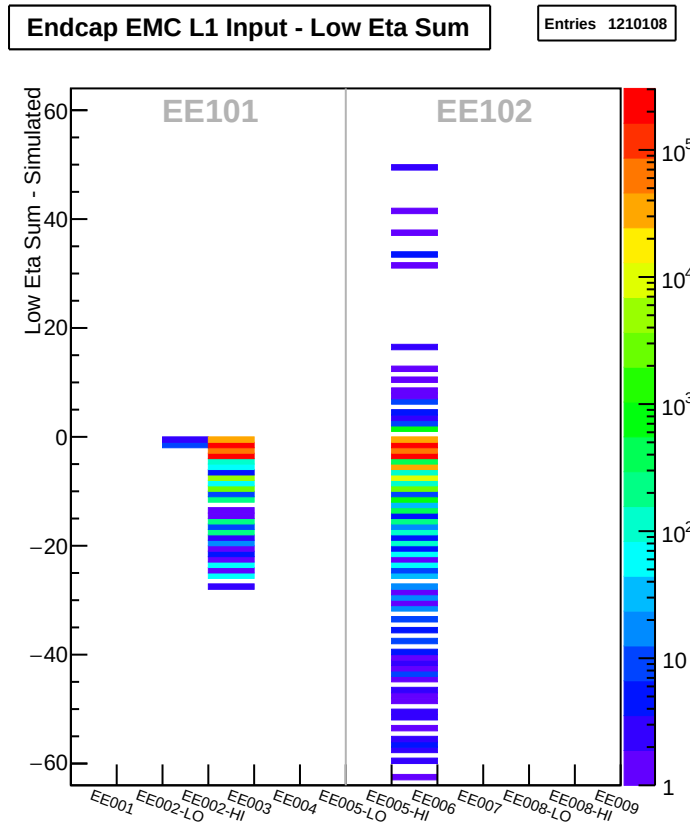

Barrel EMC L1 Input - High Tower Bits
Entries 1.8e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

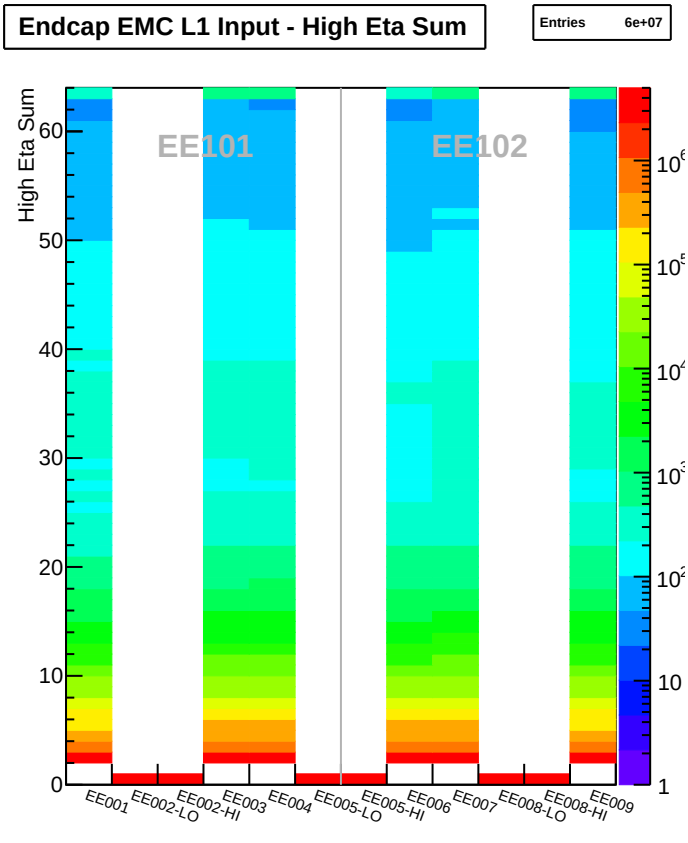

Barrel EMC L1 Input - High Tower Bits
Entries 1.798997e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

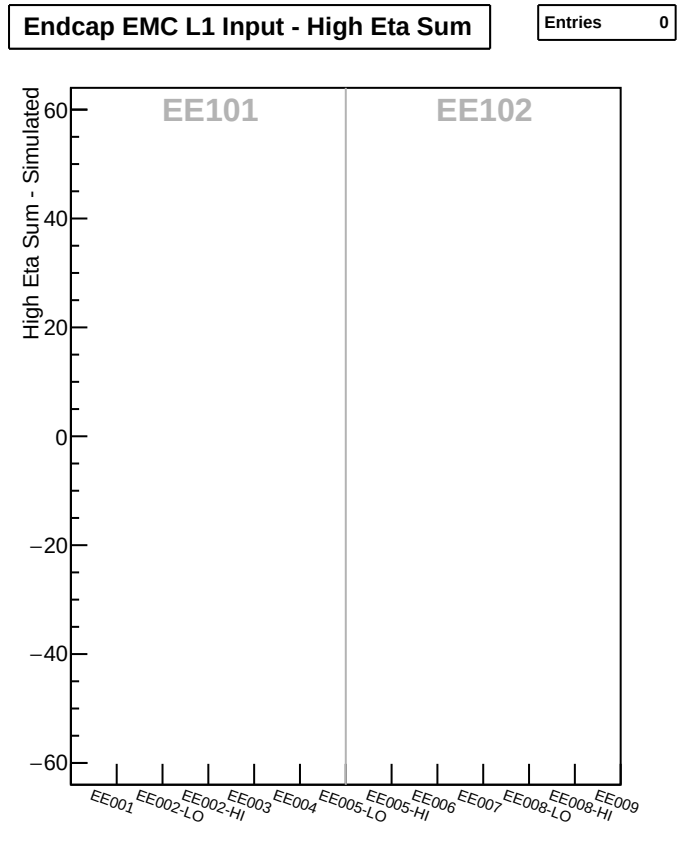

Barrel EMC L1 Input - HT.TP Bit
Entries 1.8e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

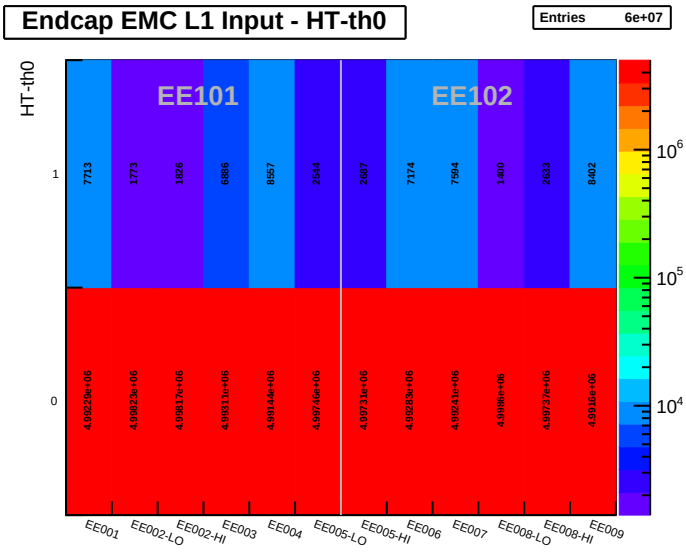

Barrel EMC L1 Input - High Tower Bits
Entries 1.697544e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

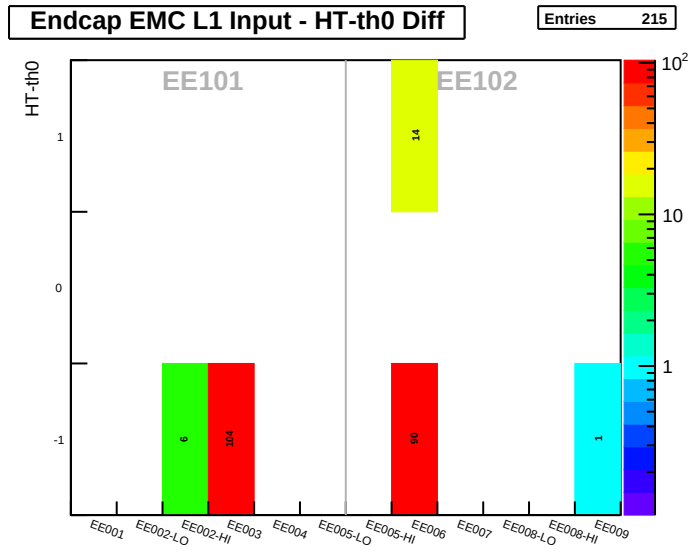

Endcap EMC L1 Input - Low Eta Sum
Entries 6e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

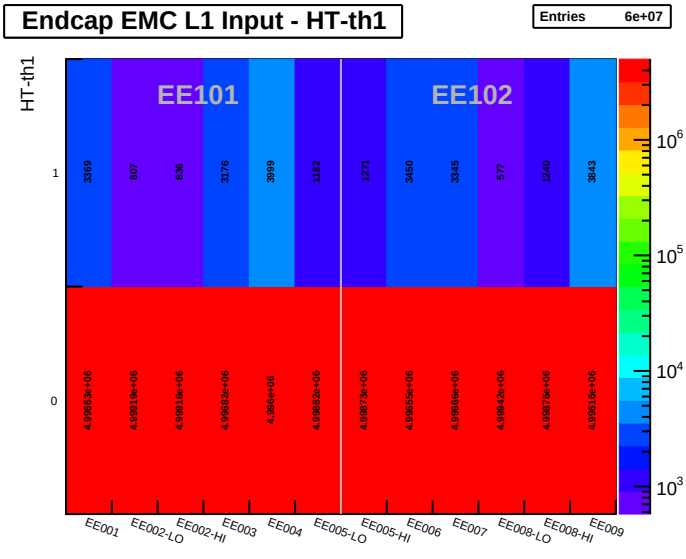

Endcap EMC L1 Input - Low Eta Sum
Entries 1210108
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

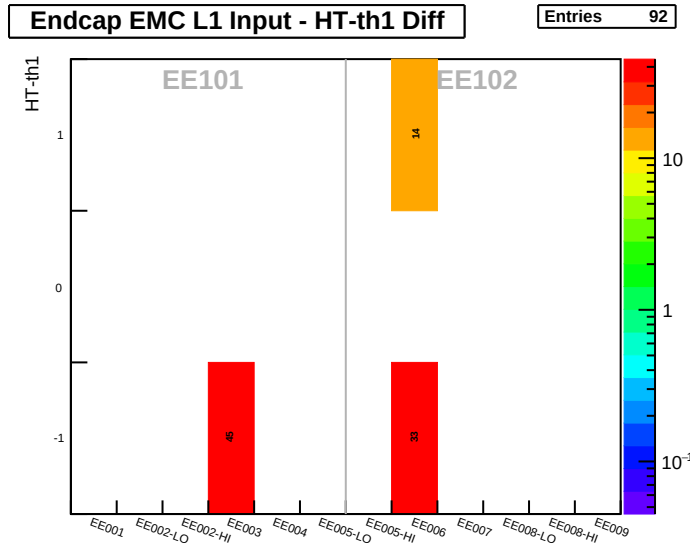

Endcap EMC L1 Input - High Eta Sum
Entries 6e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

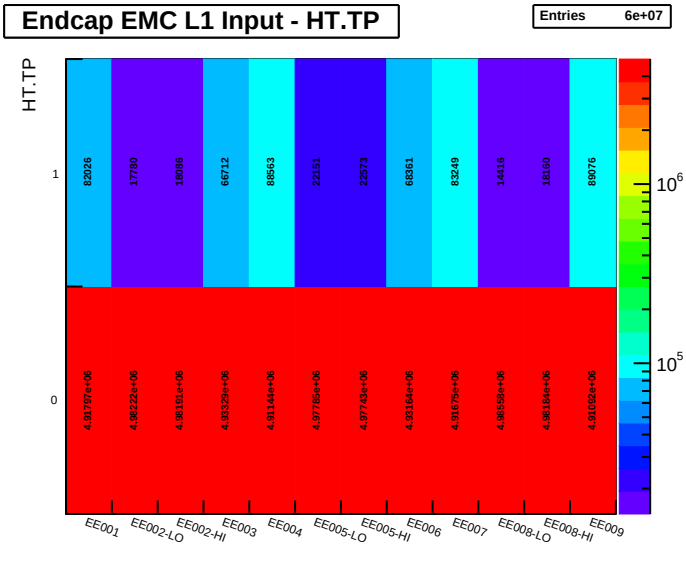

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

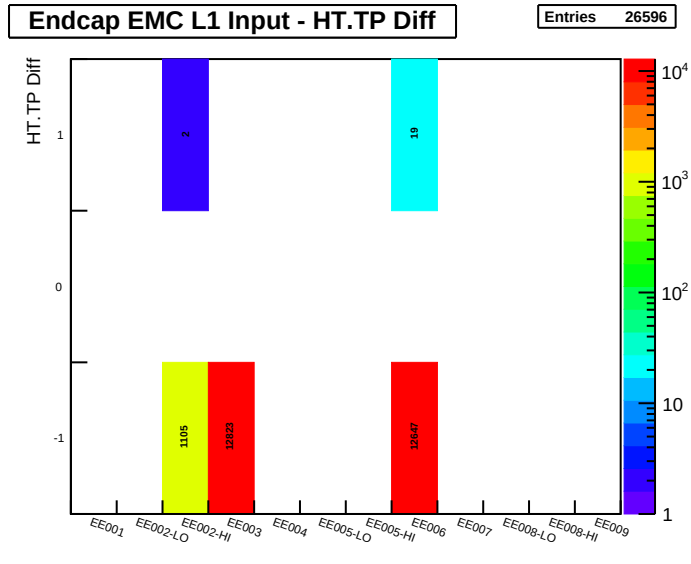

Endcap EMC L1 Input - HT-th0
Entries 6e+07
HT-th0
EE101
EE102
7713 1773 1826 6886 8557 2544 2887 7174 7594 1400 2633 8402
4.99229e+06 4.99823e+06 4.99817e+06 4.99316e+06 4.99144e+06 4.99746e+06 4.99731e+06 4.99283e+06 4.99241e+06 4.99986e+06 4.99737e+06 4.9916e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

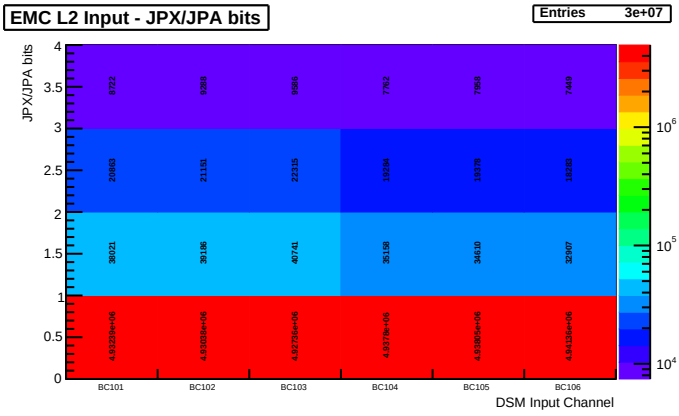

Endcap EMC L1 Input - HT-th0 Diff
Entries 215
HT-th0
EE101
EE102
14
6 104 90 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

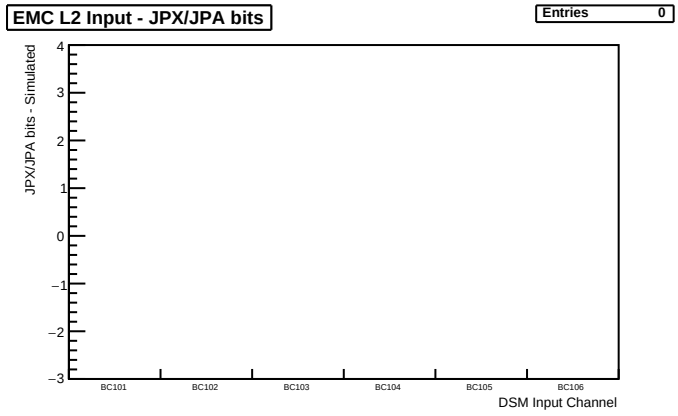

Endcap EMC L1 Input - HT-th1
Entries 6e+07
HT-th1
EE101
EE102
3369 807 836 3176 3999 1182 1271 3450 3345 577 1240 3843
4.99663e+06 4.99919e+06 4.99916e+06 4.99602e+06 4.996e+06 4.99892e+06 4.99873e+06 4.99655e+06 4.99656e+06 4.99942e+06 4.99876e+06 4.99616e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

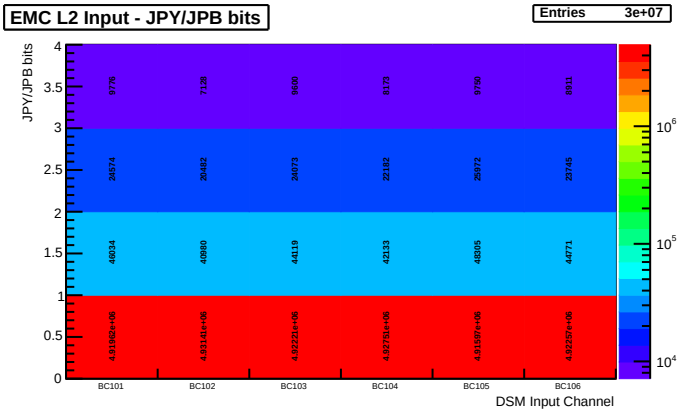

Endcap EMC L1 Input - HT-th1 Diff
Entries 92
HT-th1
EE101
EE102
14
45 33
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

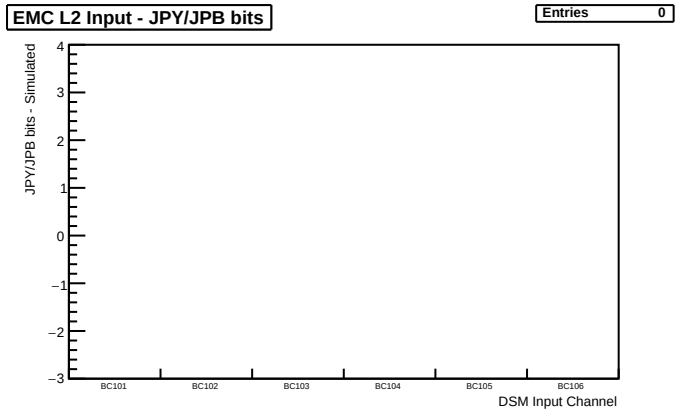

Endcap EMC L1 Input - HT.TP
Entries 6e+07
HT.TP
82026 17780 18086 66712 88563 22151 22573 68361 83249 14416 18160 89076
4.91797e+06 4.98222e+06 4.98191e+06 4.93329e+06 4.91144e+06 4.97785e+06 4.97743e+06 4.93164e+06 4.91675e+06 4.98558e+06 4.98184e+06 4.91092e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

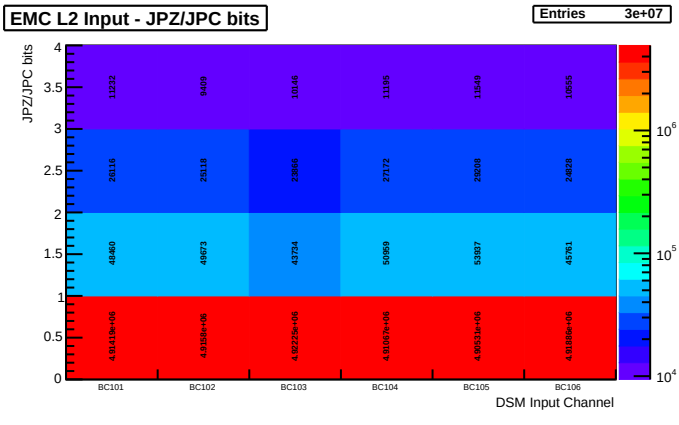

Endcap EMC L1 Input - HT.TP Diff
Entries 26596
HT.TP Diff
2 19
1105 12823 12647
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

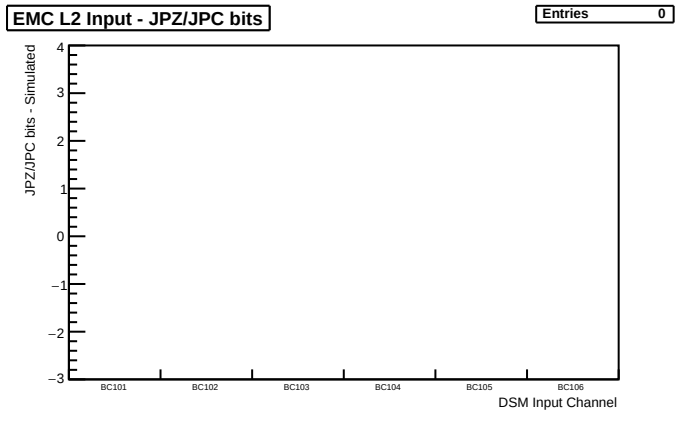

EMC L2 Input - JPX/JPA bits
Entries 3e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

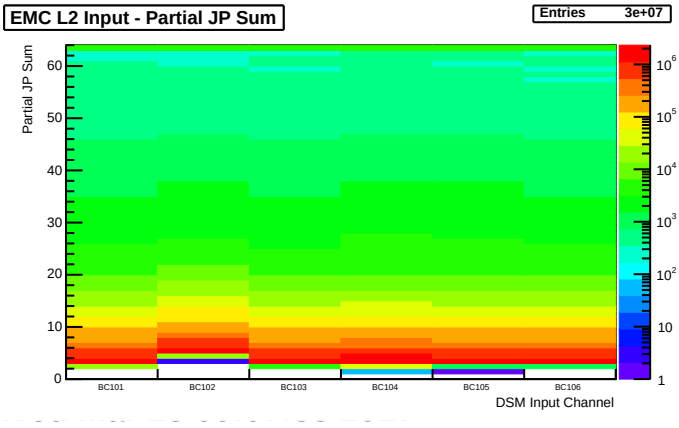

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

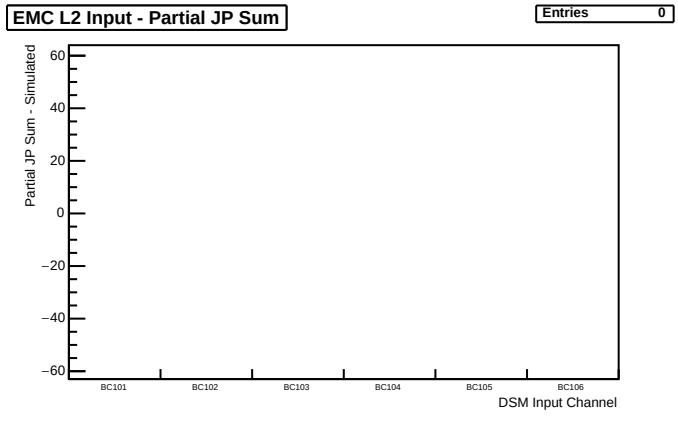

EMC L2 Input - JPY/JPB bits
Entries 3e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

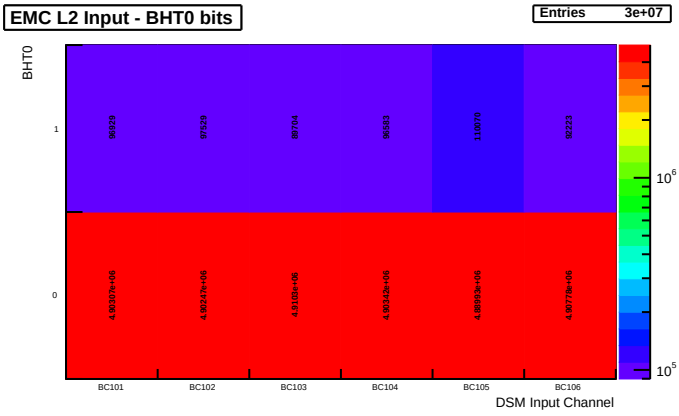

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

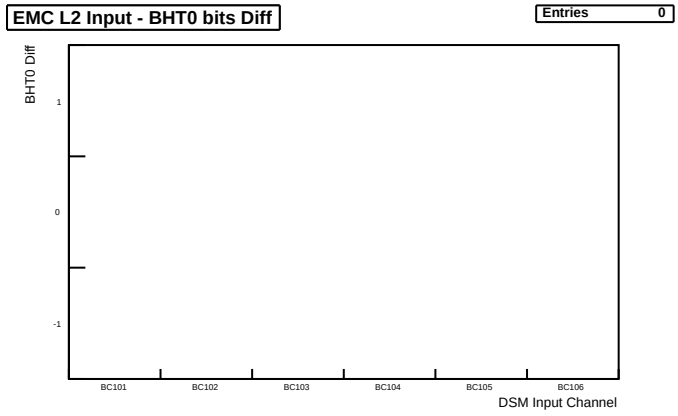

EMC L2 Input - JPZ/JPC bits
Entries 3e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

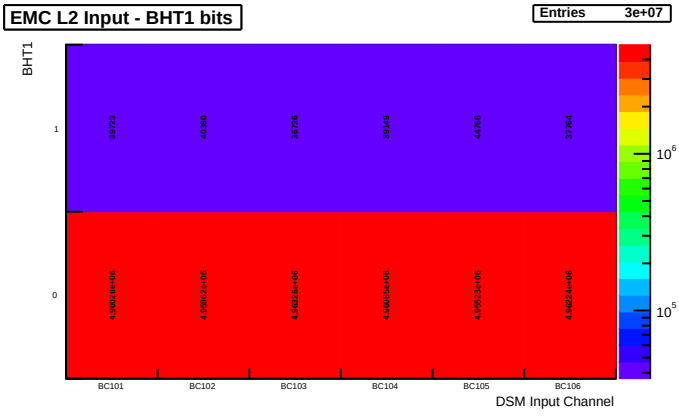

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

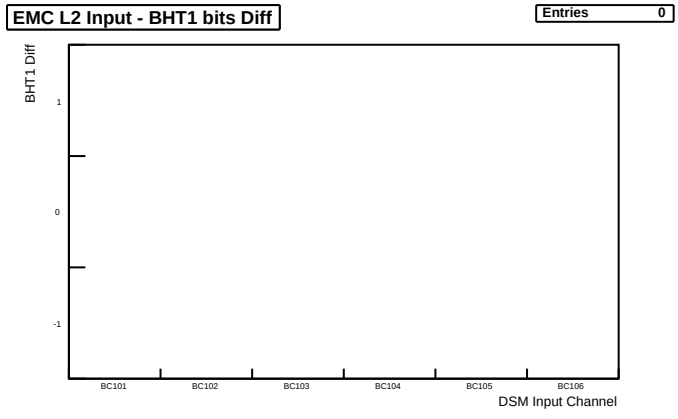

EMC L2 Input - Partial JP Sum
Entries 3e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

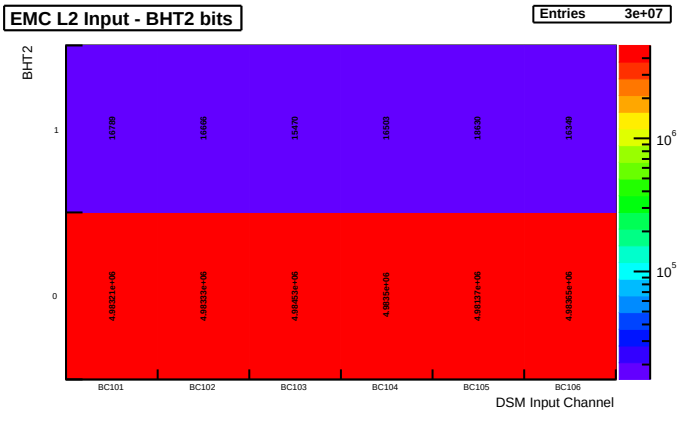

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

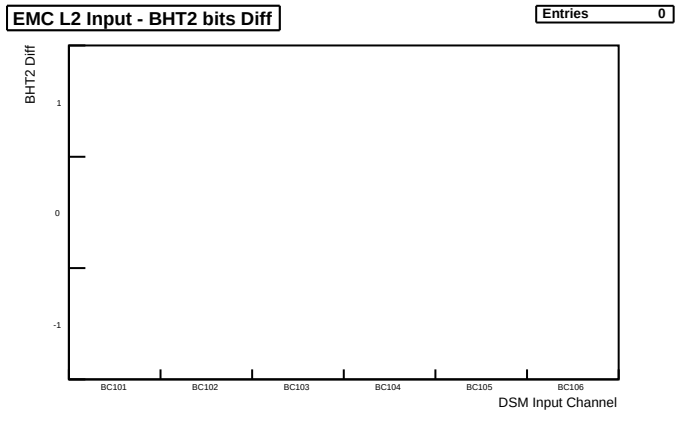

EMC L2 Input - BHT0 bits
Entries 3e+07
BHT0
1
0
96929
97529
89704
95583
110070
92223
4.90307e+06
4.90247e+06
4.91059e+06
4.90342e+06
4.89993e+06
4.90779e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

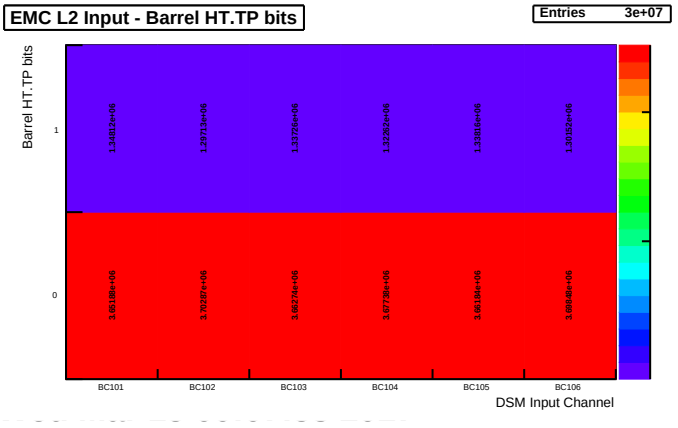

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

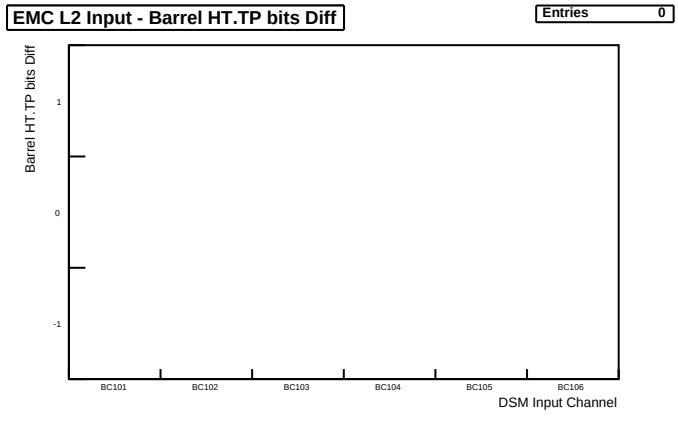

EMC L2 Input - BHT1 bits
Entries 3e+07
BHT1
1
0
37723
40380
37726
39149
44766
37764
4.96028e+06
4.96962e+06
4.96026e+06
4.96085e+06
4.95923e+06
4.96024e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

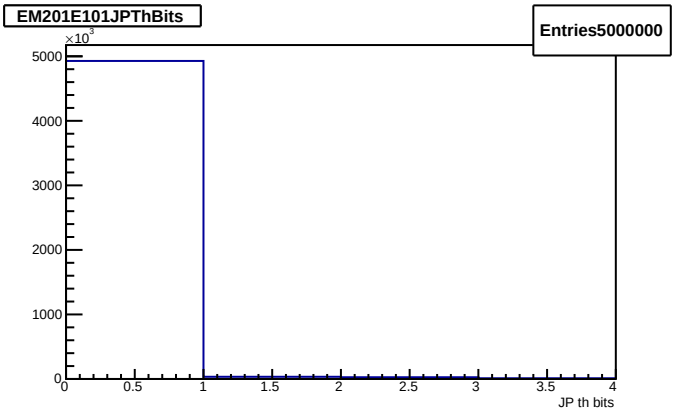

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

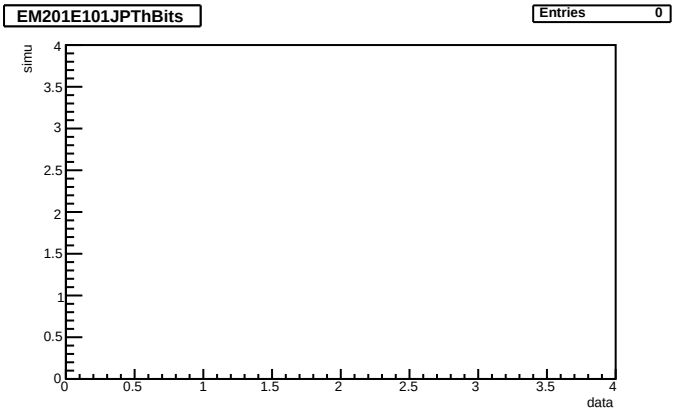

EMC L2 Input - BHT2 bits
Entries 3e+07
BHT2
1
0
16789
16666
15470
16603
10830
16349
4.98321e+06
4.98333e+06
4.98463e+06
4.9835e+06
4.98137e+06
4.98335e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

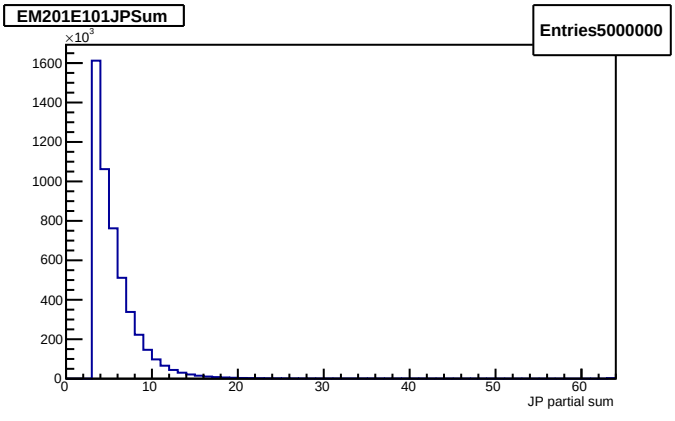

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

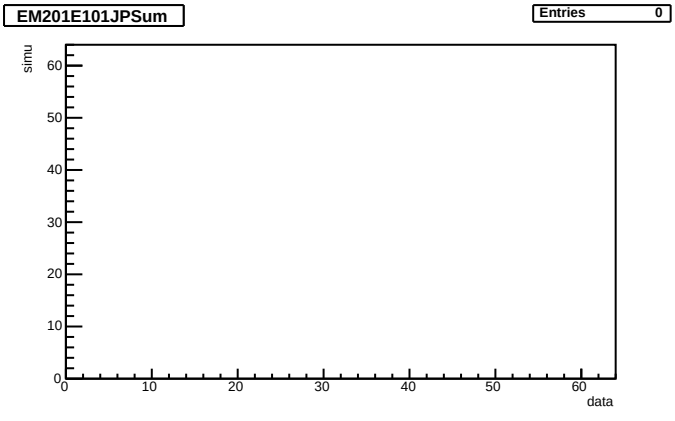

EMC L2 Input - Barrel HT.TP bits
Entries 3e+07
Barrel HT.TP bits
1
0
1.34812e+06
1.29713e+06
1.33726e+06
1.32262e+06
1.33016e+06
1.30152e+06
3.65188e+06
3.70287e+06
3.66274e+06
3.67738e+06
3.66194e+06
3.69848e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

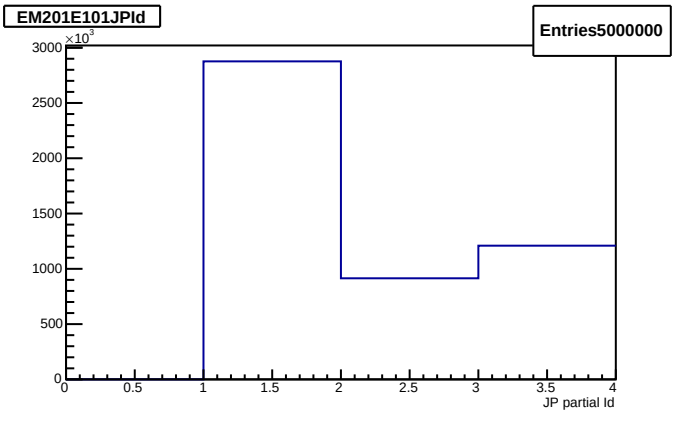

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

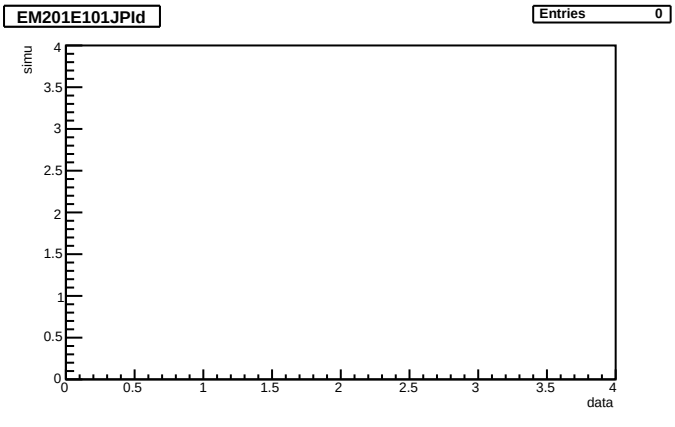

EM201E101JPThBits
Entries5000000
×10^3
JP th bits

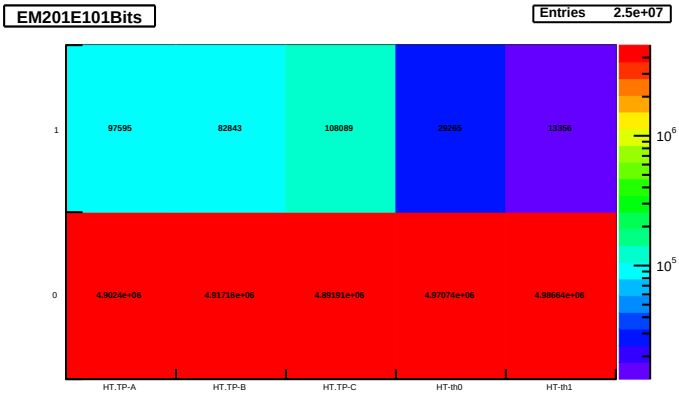

EM201E101JPThBits
Entries 0
simu
data

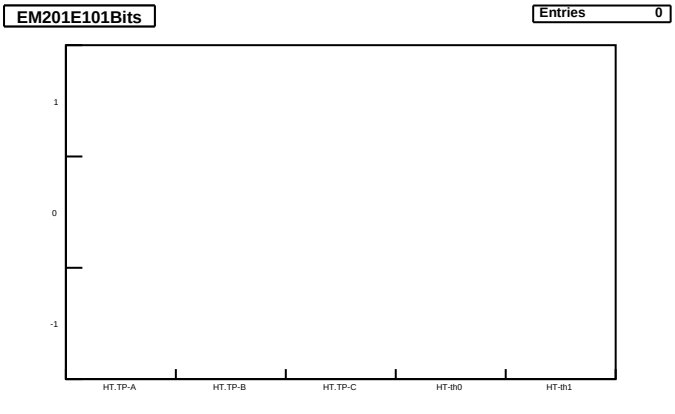

EM201E101JPSum
Entries5000000
×10^3
JP partial sum

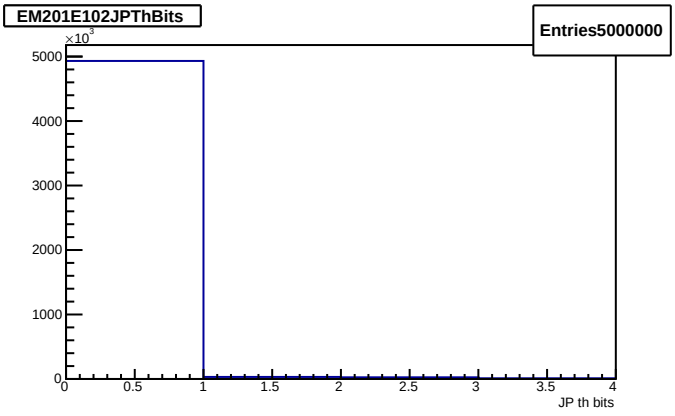

EM201E101JPSum
Entries 0
simu
data

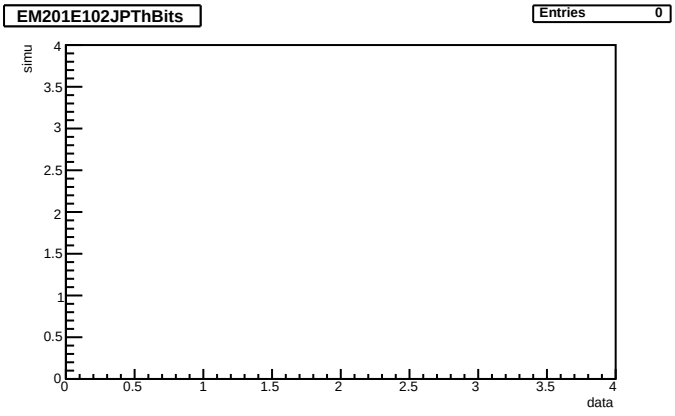

EM201E101JPId
Entries5000000
×10^3
JP partial Id

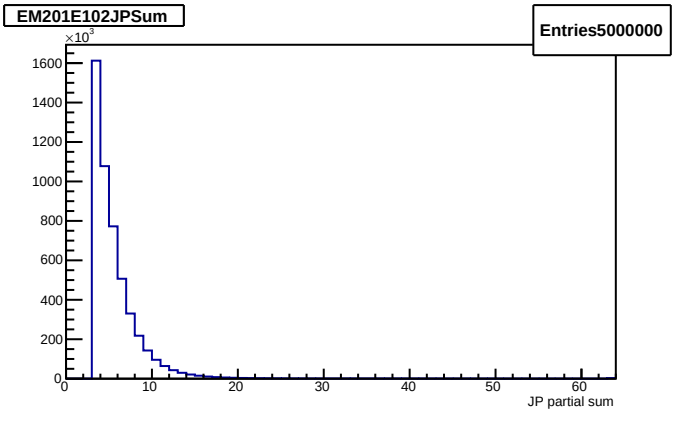

EM201E101JPId
Entries 0
simu
data

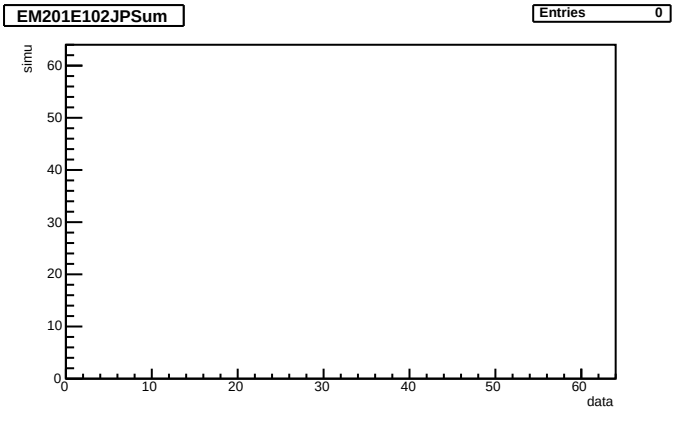

EM201E101Bits
Entries 2.5e+07
97595
82843
108089
29265
13356
4.9024e+06
4.91716e+06
4.89191e+06
4.97074e+06
4.98664e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

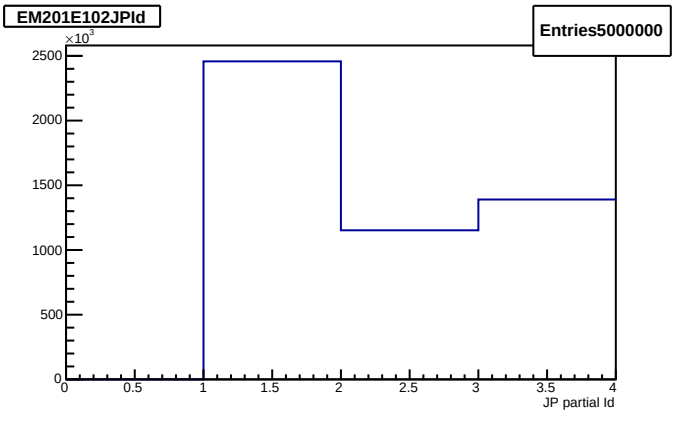

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

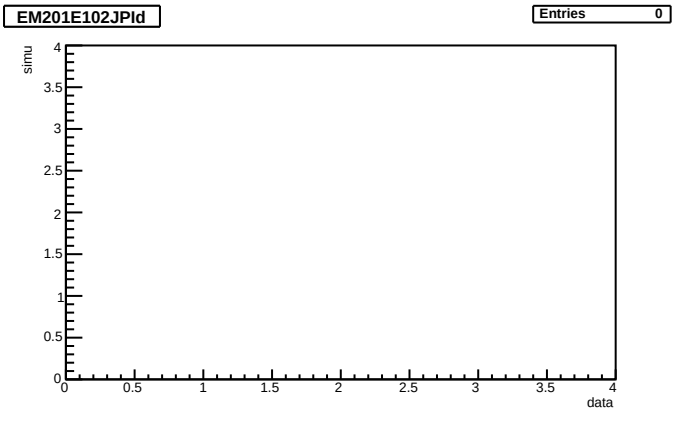

EM201E102JPThBits
Entries5000000
×10^3
JP th bits

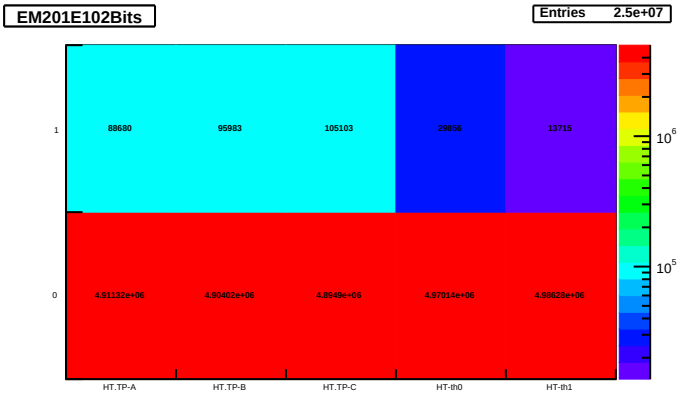

EM201E102JPThBits
Entries 0
simu
data

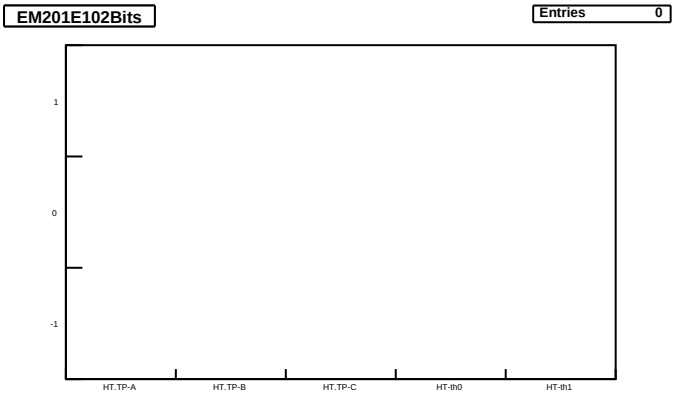

EM201E102JPSum
Entries5000000
×10^3
JP partial sum

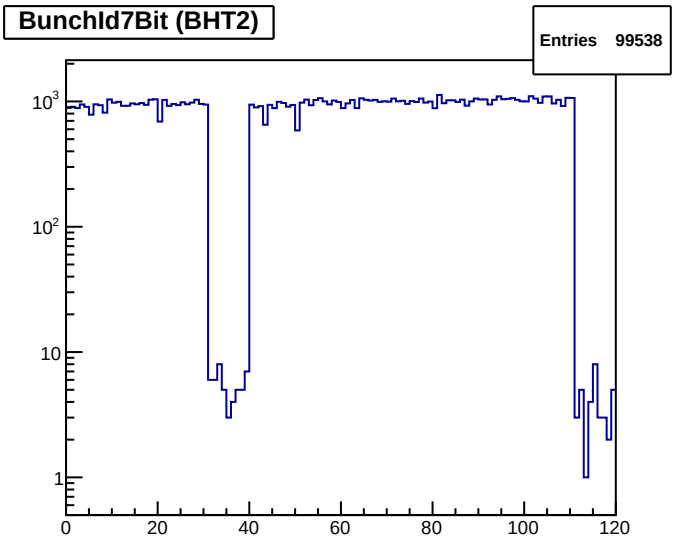

EM201E102JPSum
Entries 0
simu
data

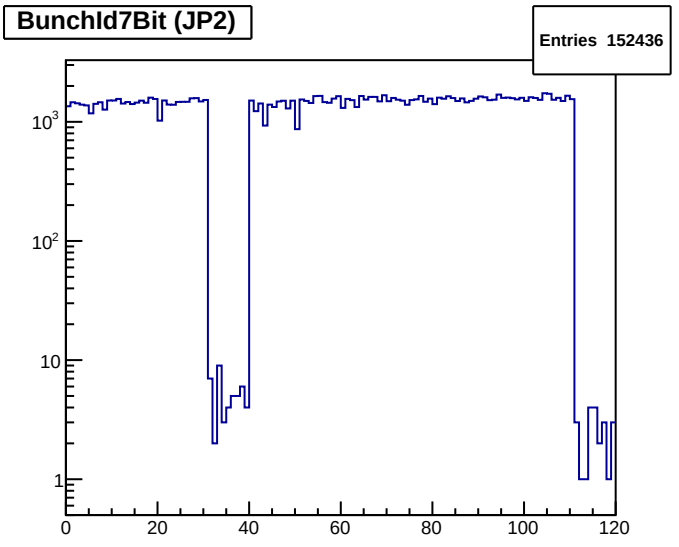

EM201E102JPId
Entries5000000
×10^3
JP partial Id

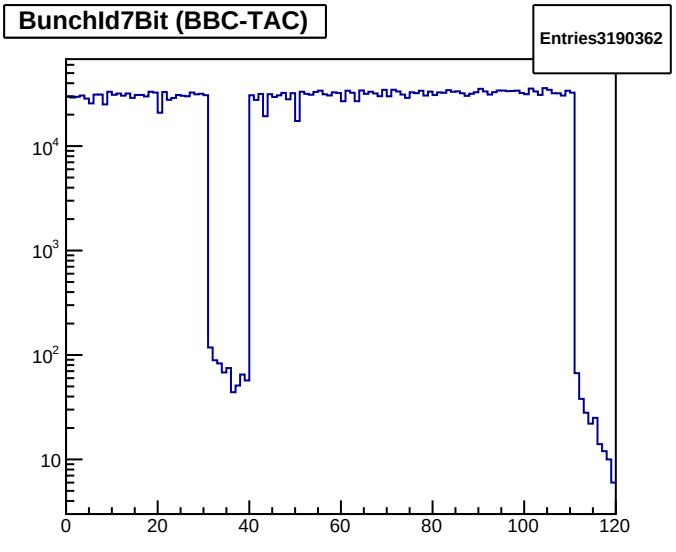

EM201E102JPId
Entries 0
simu
data

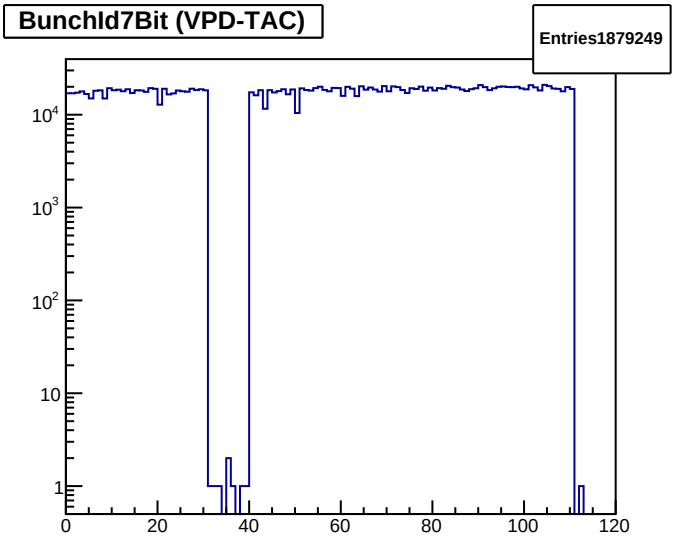

EM201E102Bits
Entries 2.5e+07
88680
95983
105103
29856
13715
4.91132e+06
4.90402e+06
4.8949e+06
4.97014e+06
4.98628e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

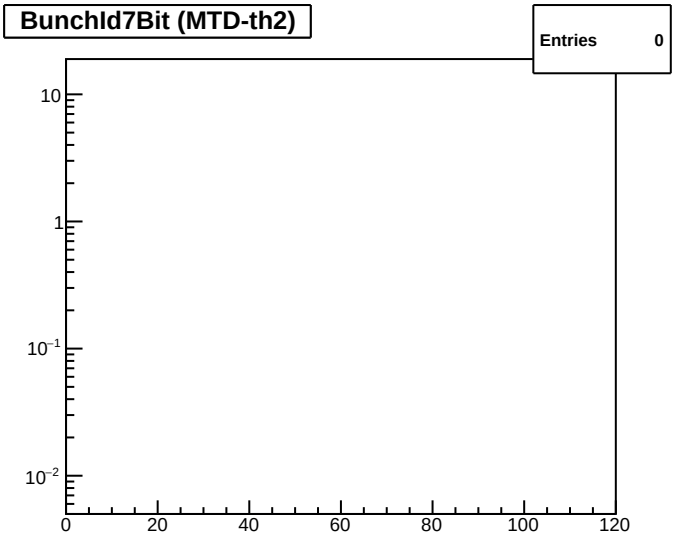

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

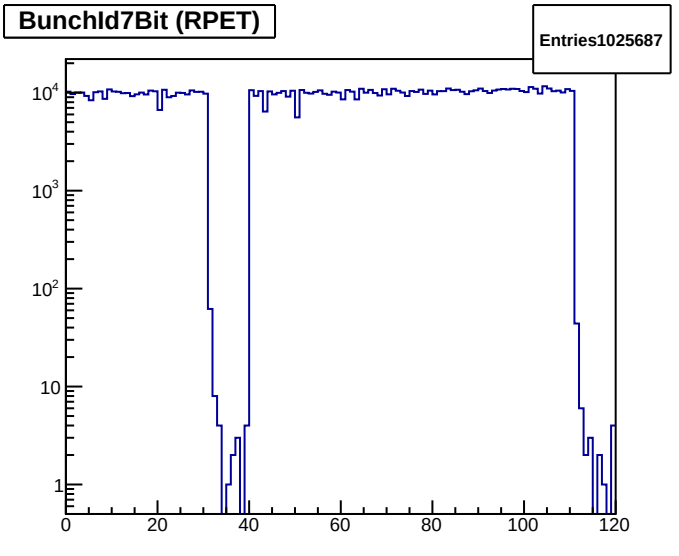

BunchId7Bit (BHT2)
Entries 99538

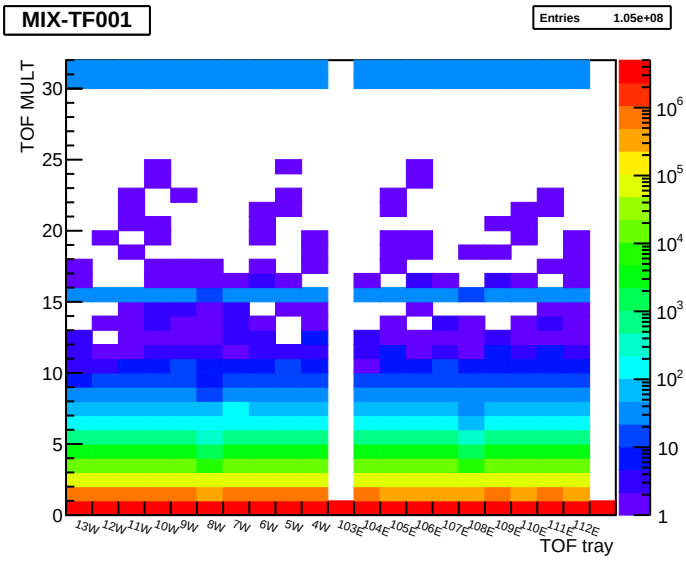

BunchId7Bit (JP2)
Entries 152436

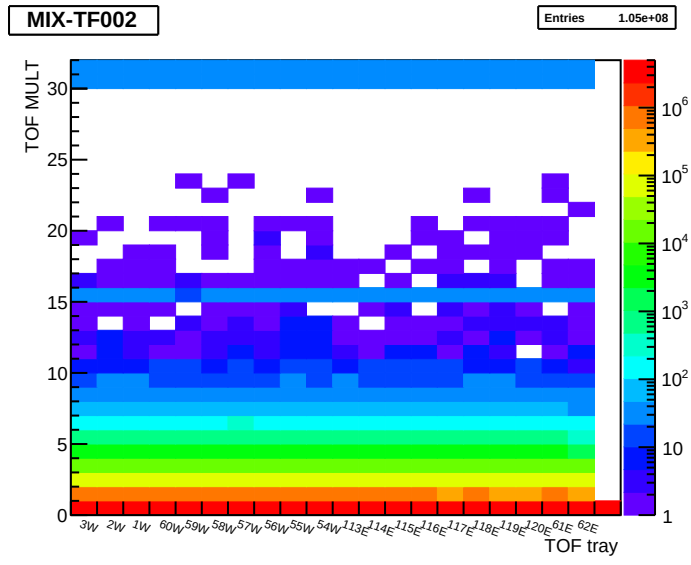

BunchId7Bit (BBC-TAC)
Entries3190362

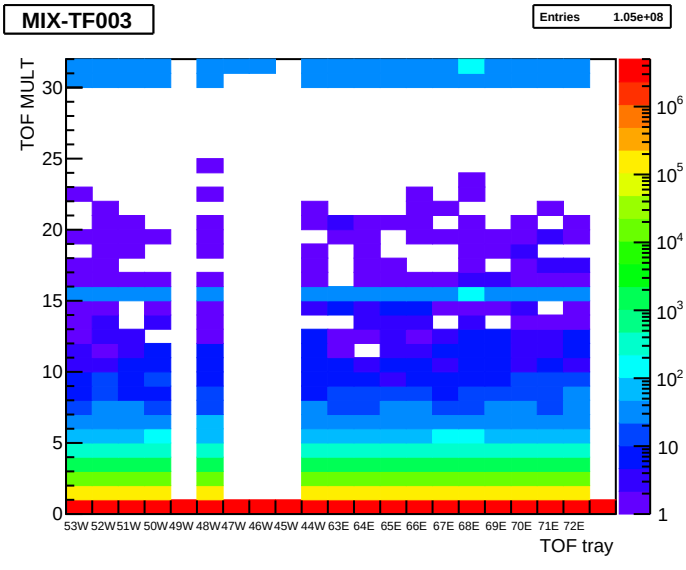

BunchId7Bit (VPD-TAC)
Entries1879249

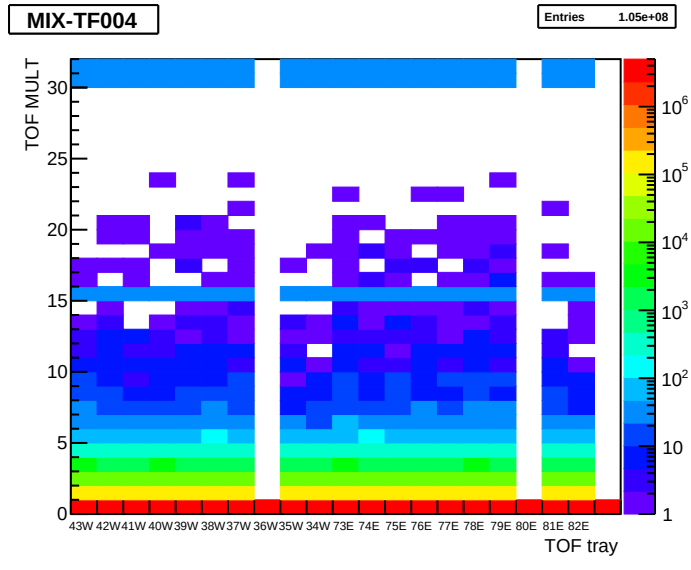

BunchId7Bit (MTD-th2)
Entries 0

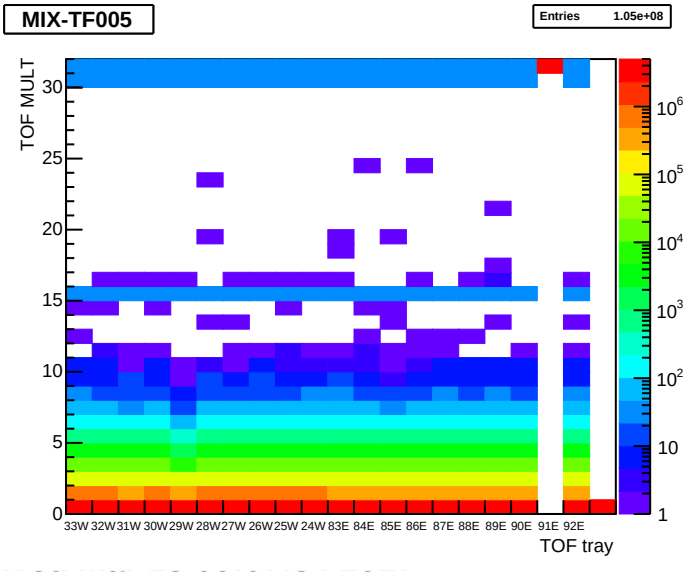

BunchId7Bit (RPET)
Entries1025687

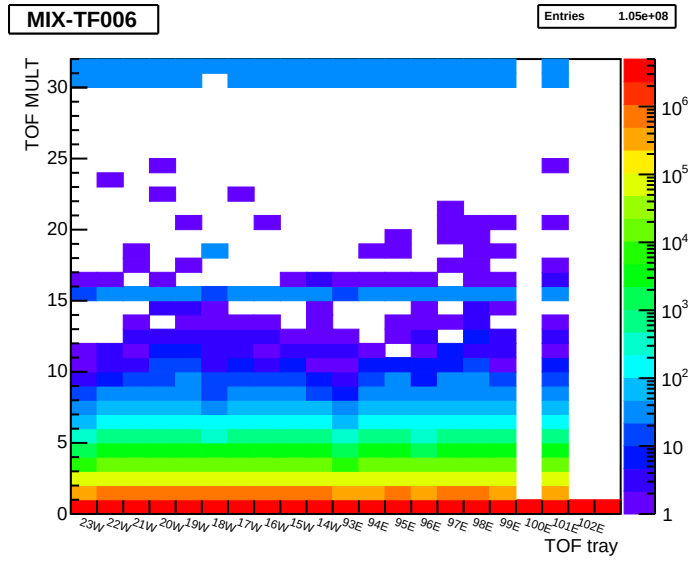

MIX-TF001
Entries 1.05e+08
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

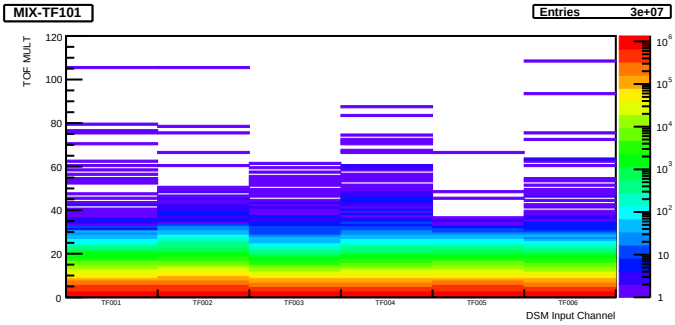

MIX-TF002
Entries 1.05e+08
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

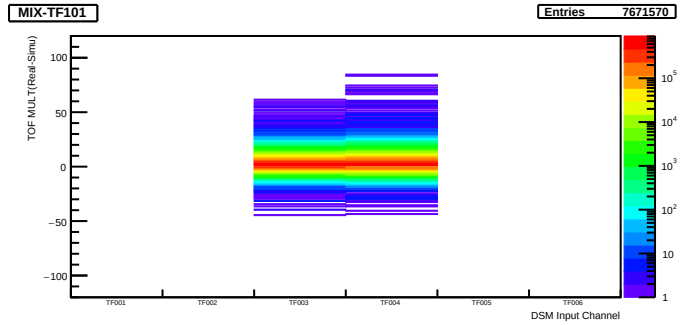

MIX-TF003
Entries 1.05e+08
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

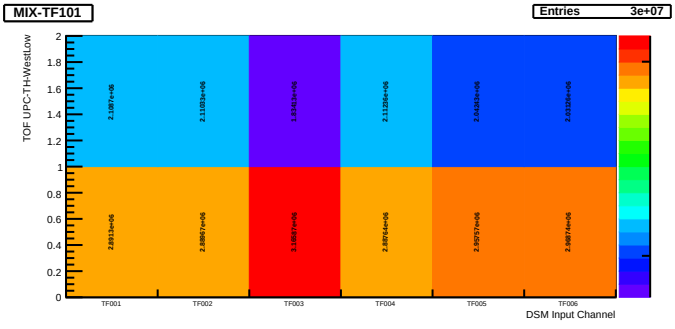

MIX-TF004
Entries 1.05e+08
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

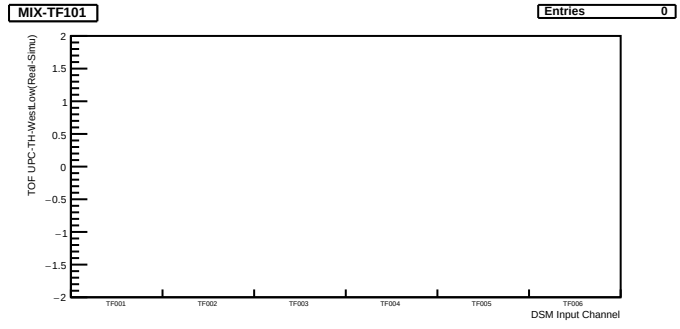

MIX-TF005
Entries 1.05e+08
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

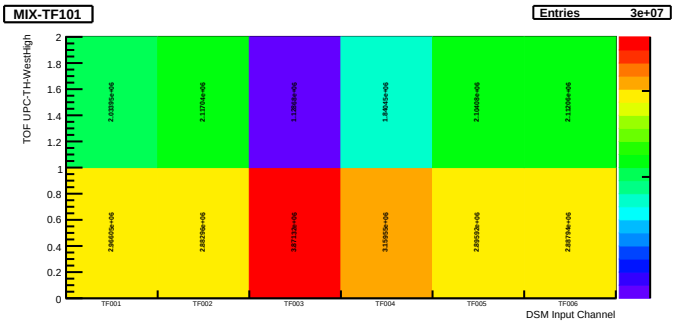

MIX-TF006
Entries 1.05e+08
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

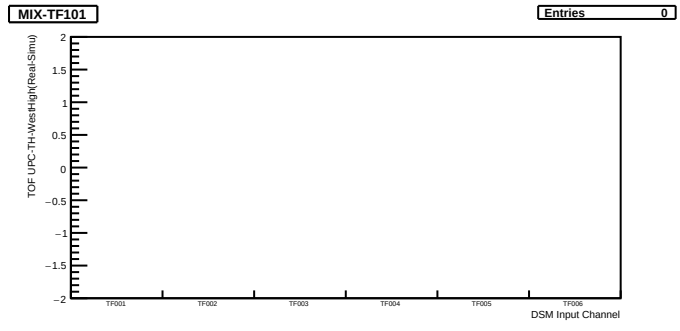

MIX-TF101
Entries 3e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

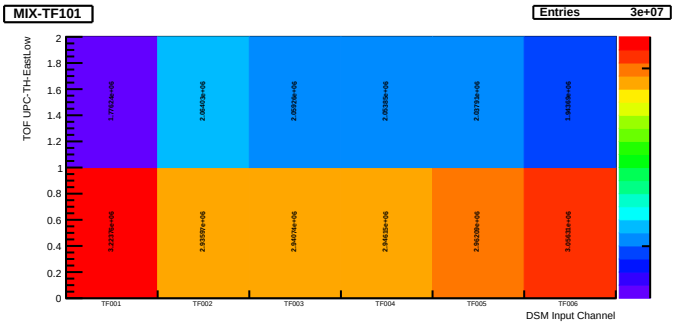

MIX-TF101
Entries 7671570
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

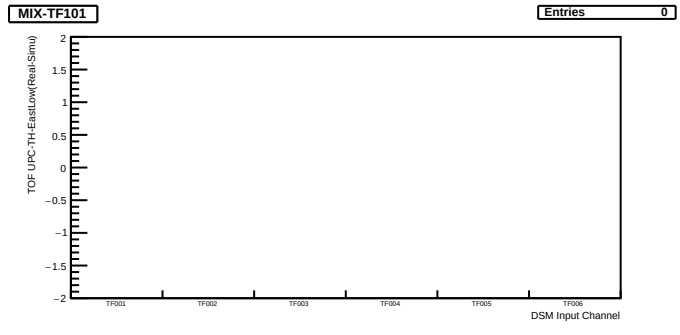

MIX-TF101
Entries 3e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

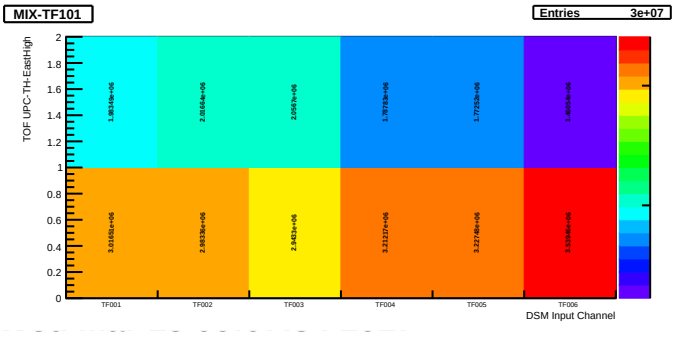

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

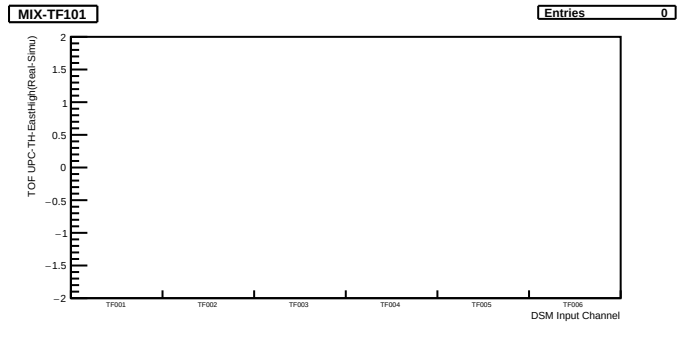

MIX-TF101
Entries 3e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

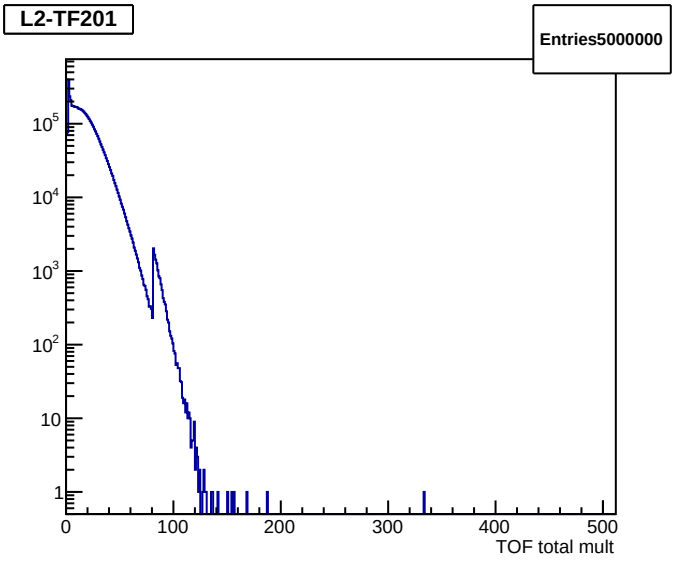

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

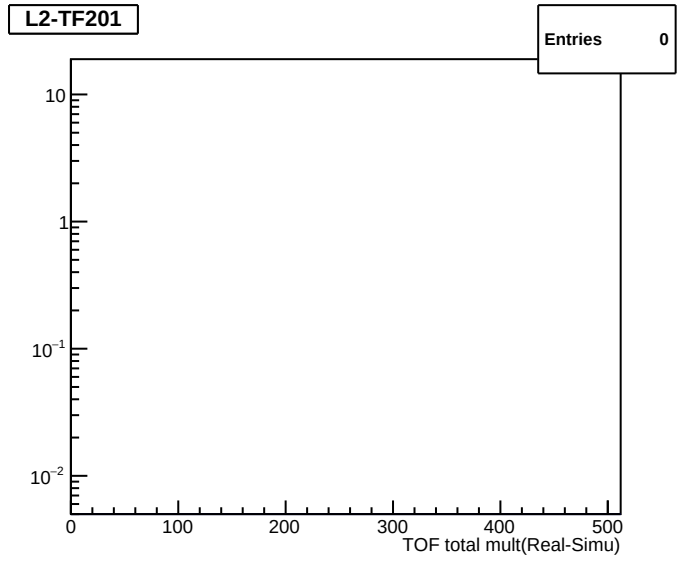

MIX-TF101
Entries 3e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

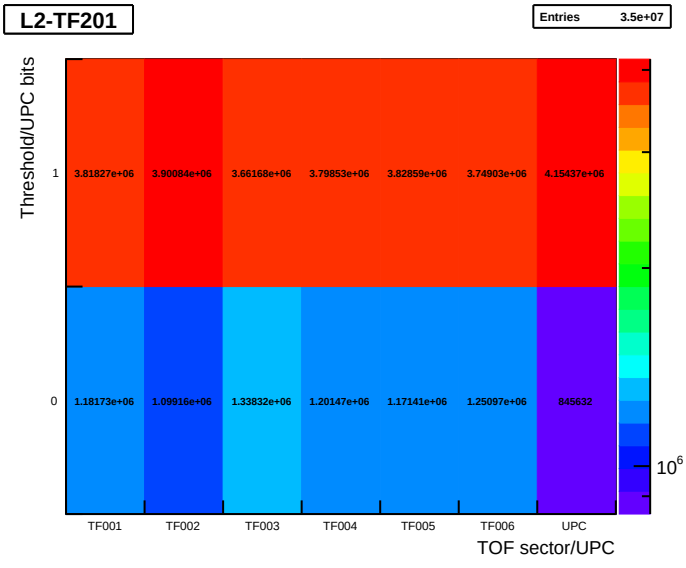

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

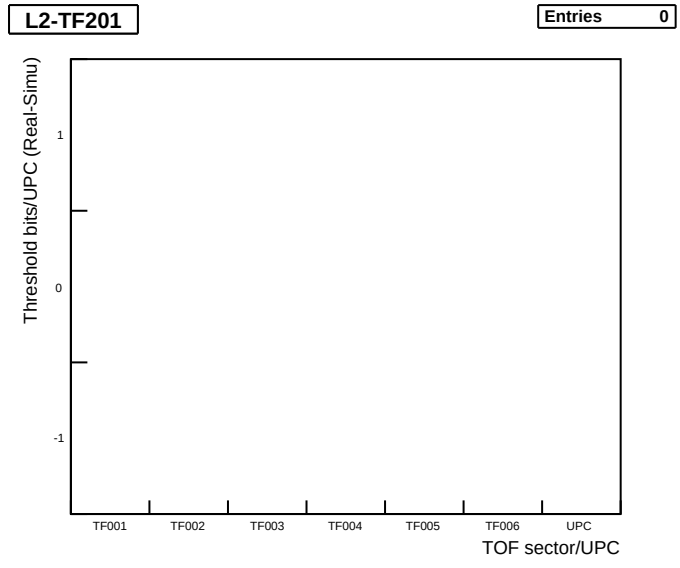

MIX-TF101
Entries 3e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

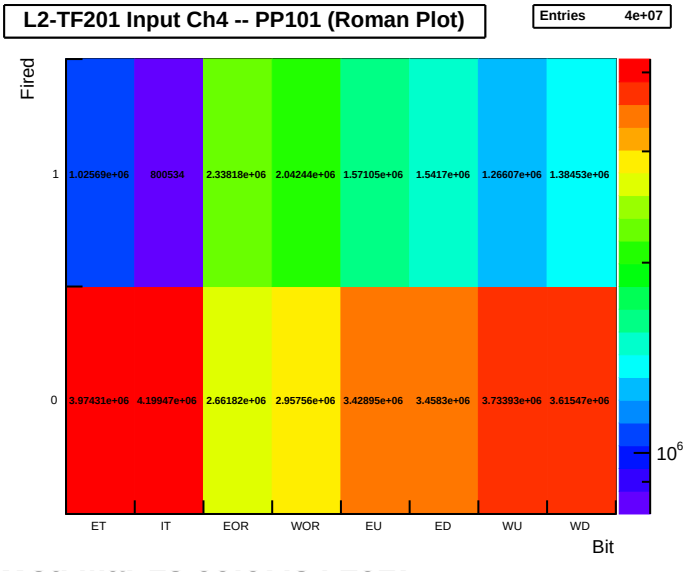

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

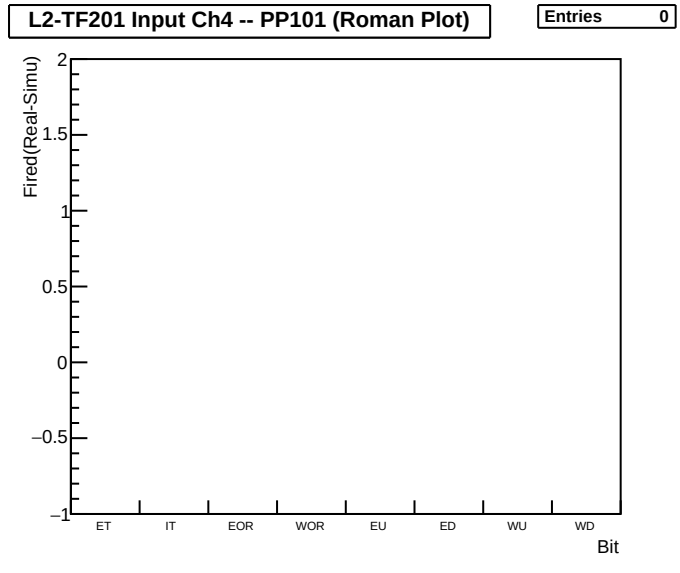

L2-TF201
Entries5000000
TOF total mult

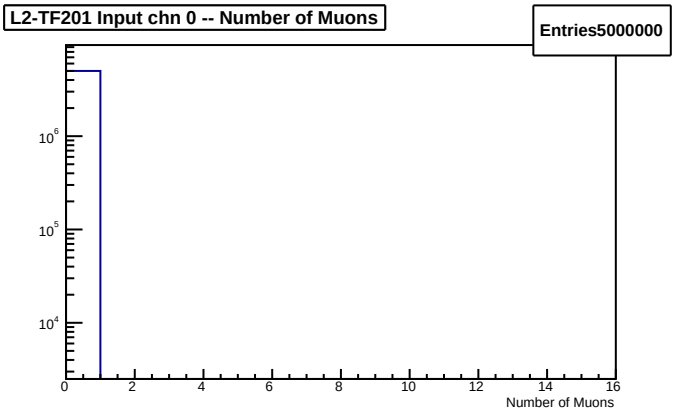

L2-TF201
Entries 0
TOF total mult(Real-Simu)

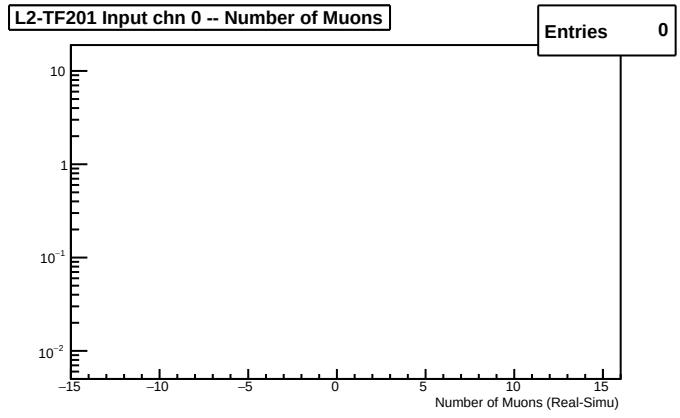

L2-TF201
Entries 3.5e+07
Threshold/UPC bits
3.81827e+06
3.90084e+06
3.66168e+06
3.79853e+06
3.82859e+06
3.74903e+06
4.15437e+06
1.18173e+06
1.09916e+06
1.33832e+06
1.20147e+06
1.17141e+06
1.25097e+06
845632
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

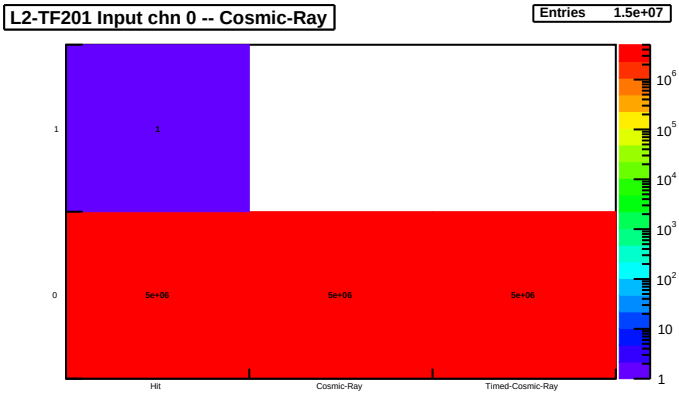

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

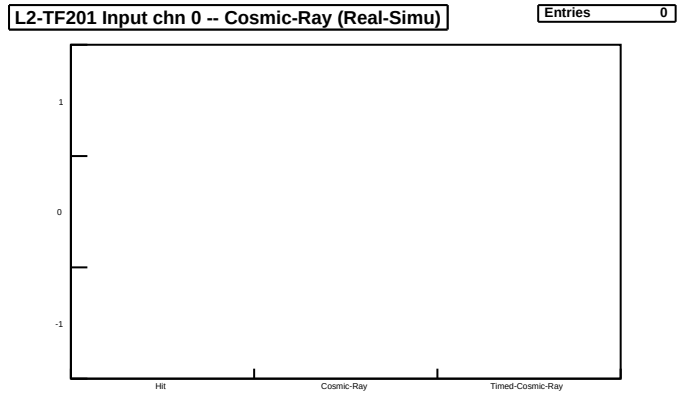

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4e+07
Fired
1.02569e+06
800534
2.33818e+06
2.04244e+06
1.57105e+06
1.5417e+06
1.26607e+06
1.38453e+06
3.97431e+06
4.19947e+06
2.66182e+06
2.95756e+06
3.42895e+06
3.4583e+06
3.73393e+06
3.61547e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

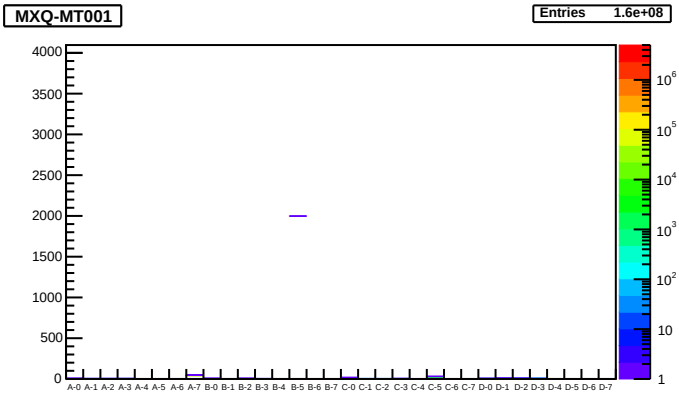

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

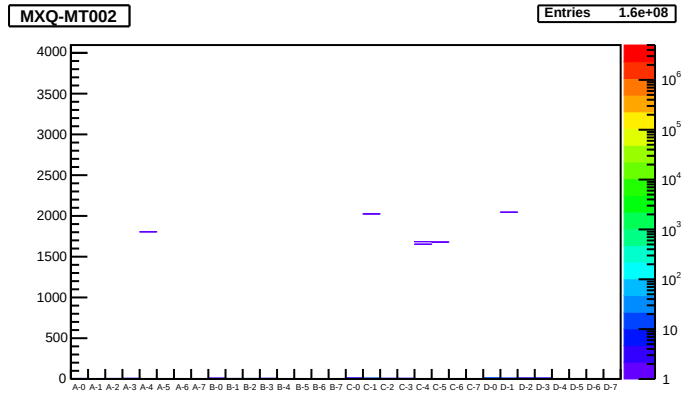

L2-TF201 Input chn 0 -- Number of Muons
Entries5000000
Number of Muons

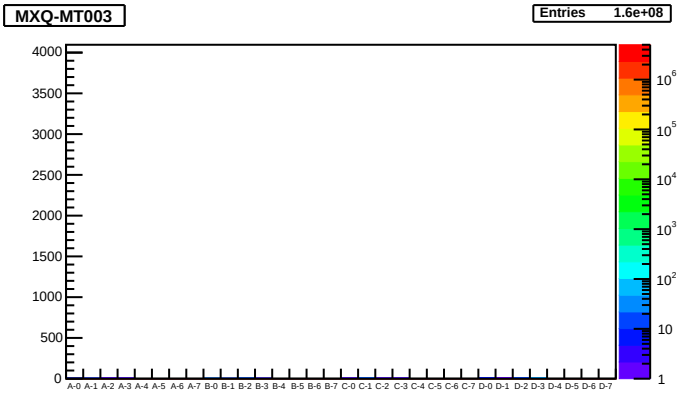

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

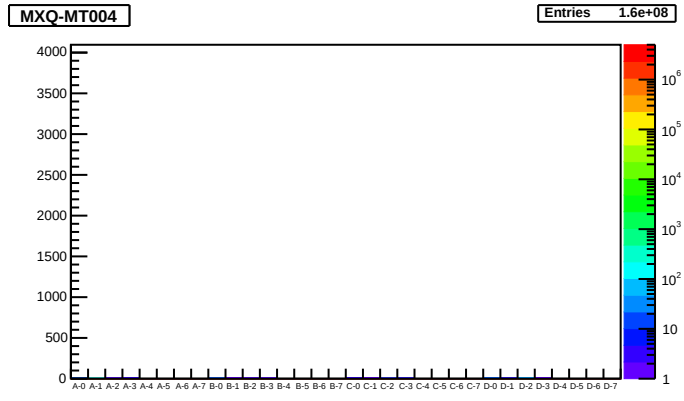

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.5e+07
Hit
Cosmic-Ray
Timed-Cosmic-Ray

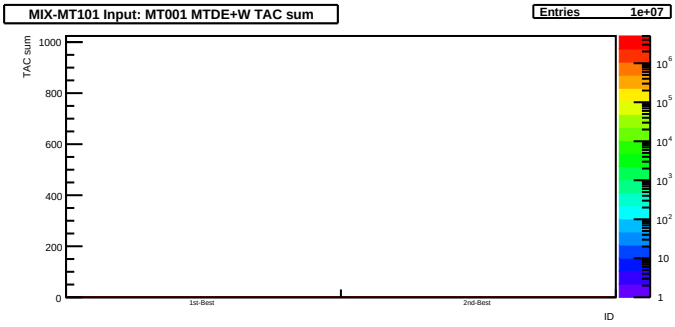

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

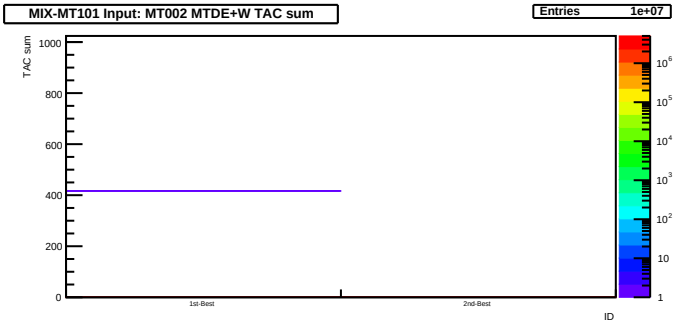

MXQ-MT001
Entries 1.6e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

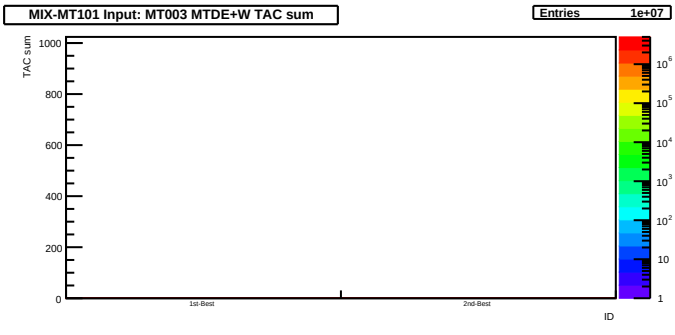

MXQ-MT002
Entries 1.6e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

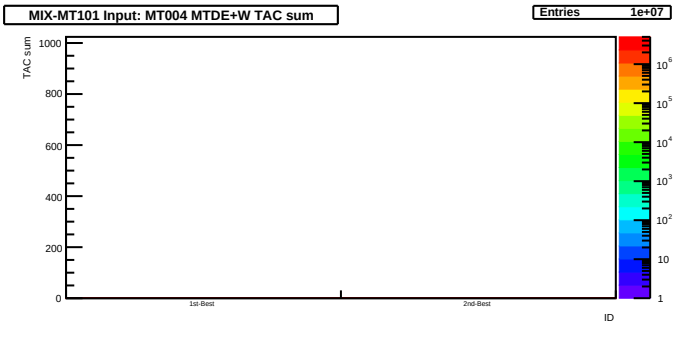

MXQ-MT003
Entries 1.6e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

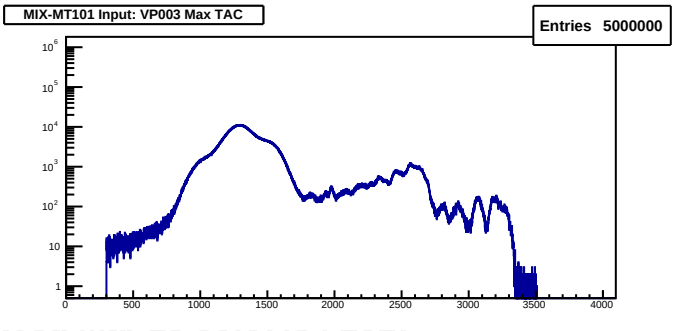

MXQ-MT004
Entries 1.6e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

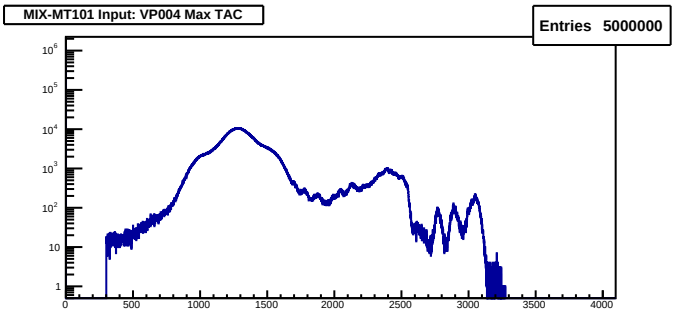

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1e+07
TAC sum
1st-Best
2nd-Best
ID

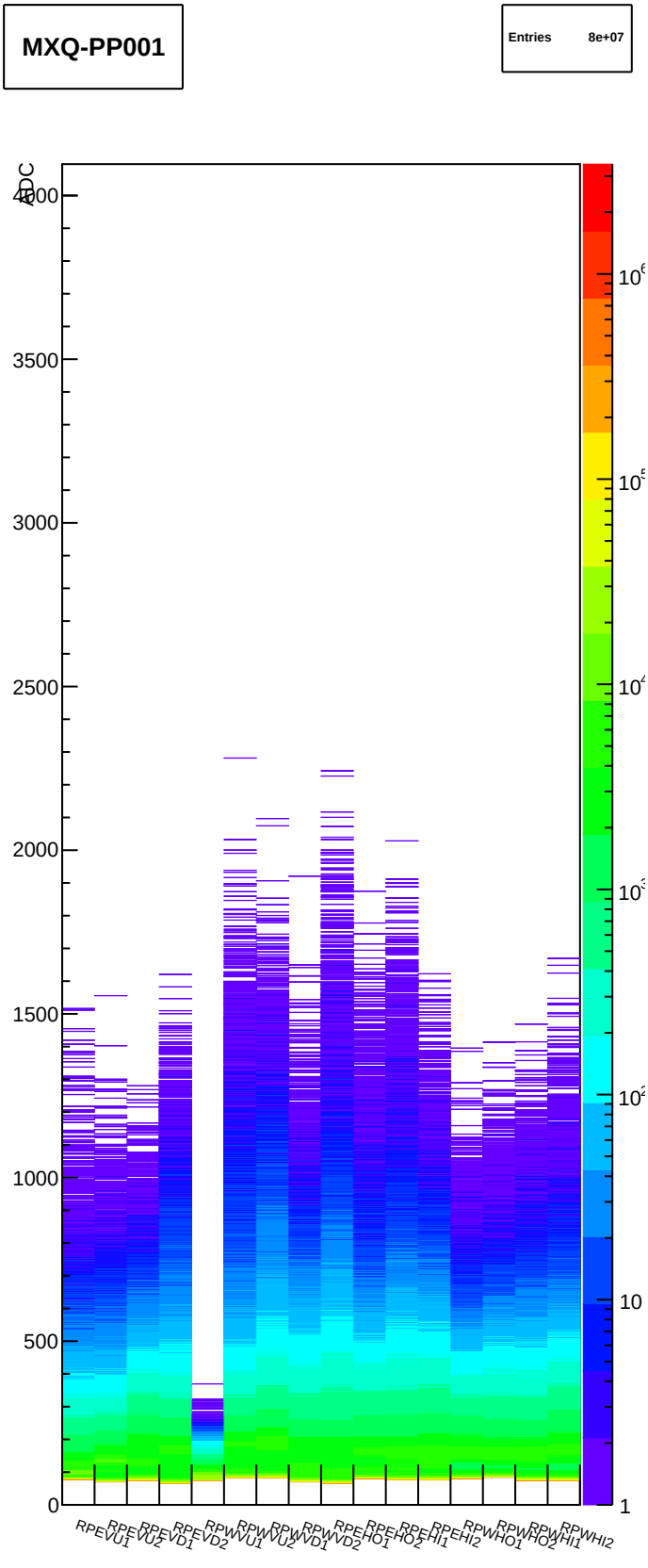

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1e+07
TAC sum
1st-Best
2nd-Best
ID

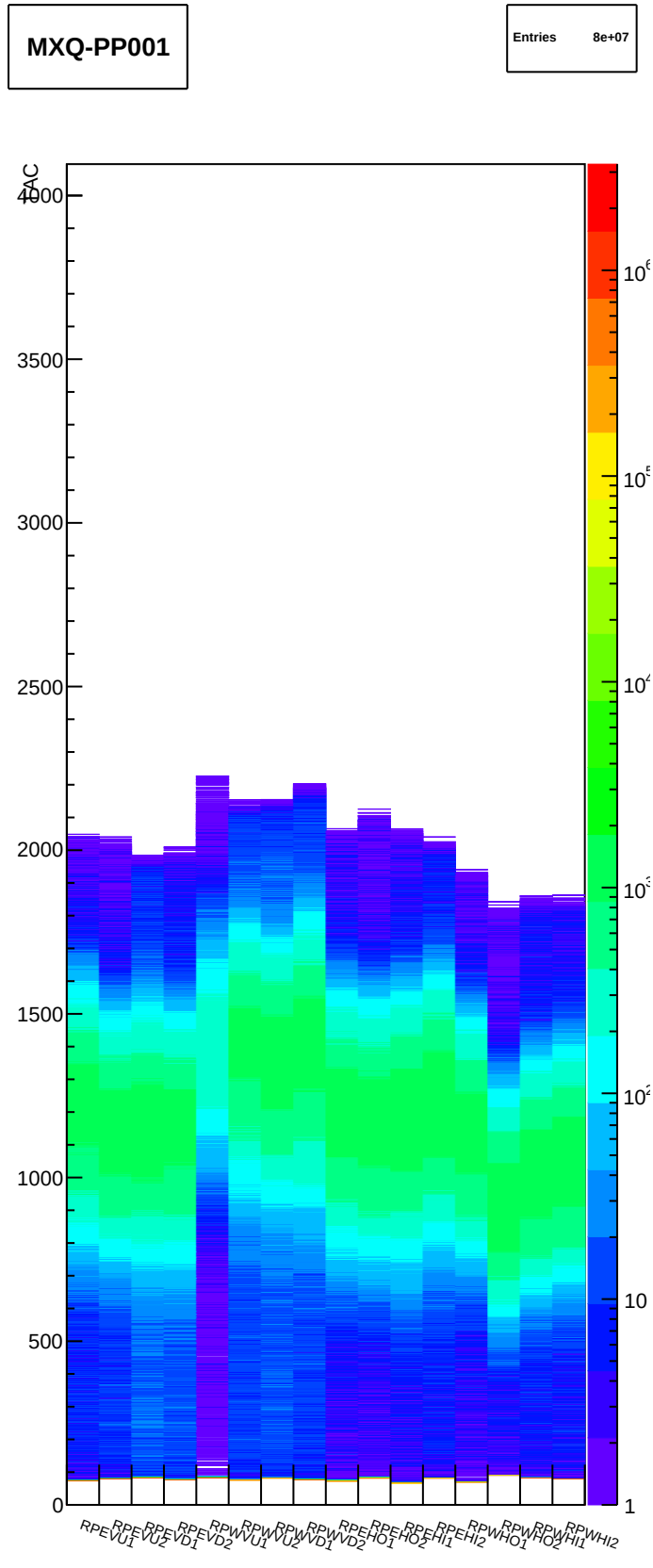

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1e+07
TAC sum
1st-Best
2nd-Best
ID

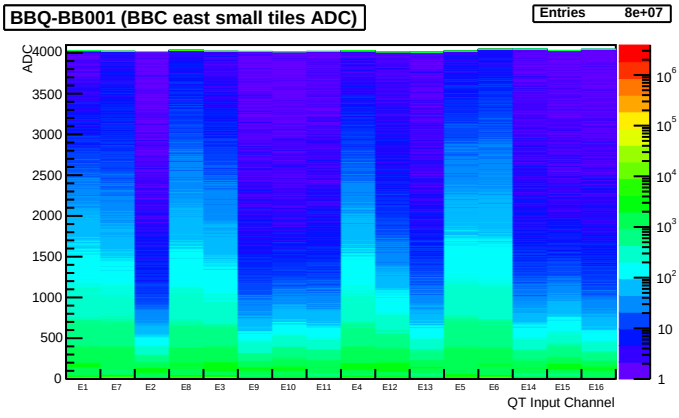

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1e+07
TAC sum
1st-Best
2nd-Best
ID

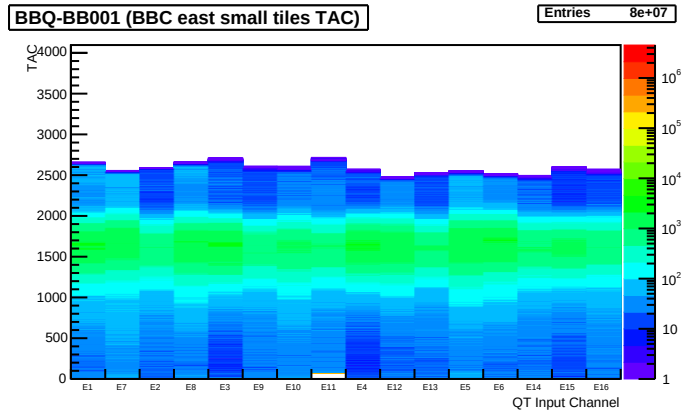

MIX-MT101 Input: VP003 Max TAC
Entries 5000000

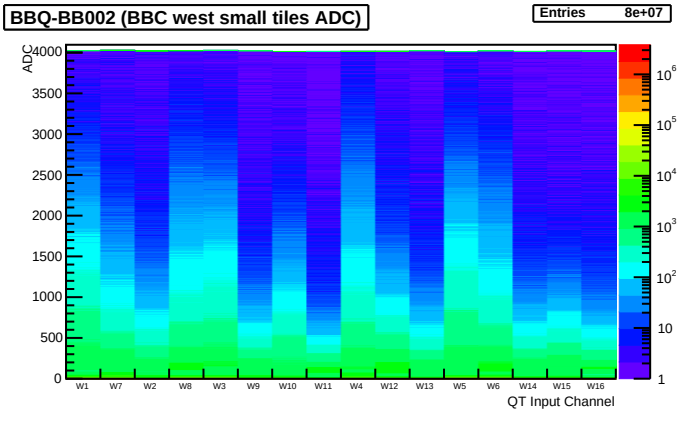

MIX-MT101 Input: VP004 Max TAC
Entries 5000000

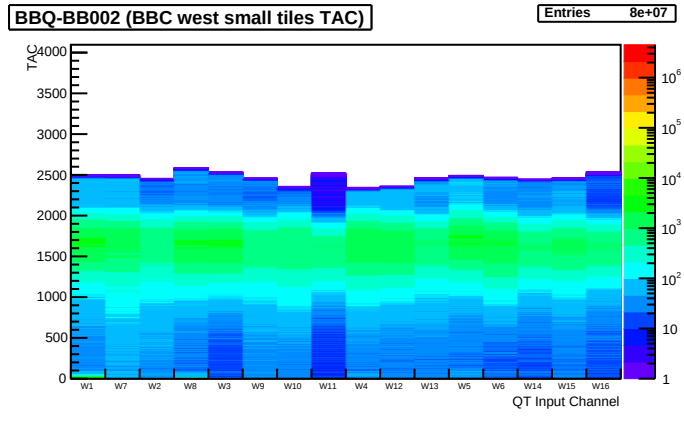

MXQ-PP001
Entries 8e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

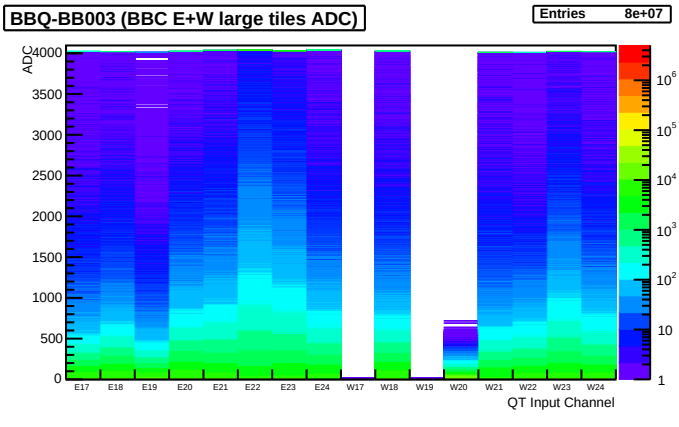

MXQ-PP001
Entries 8e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

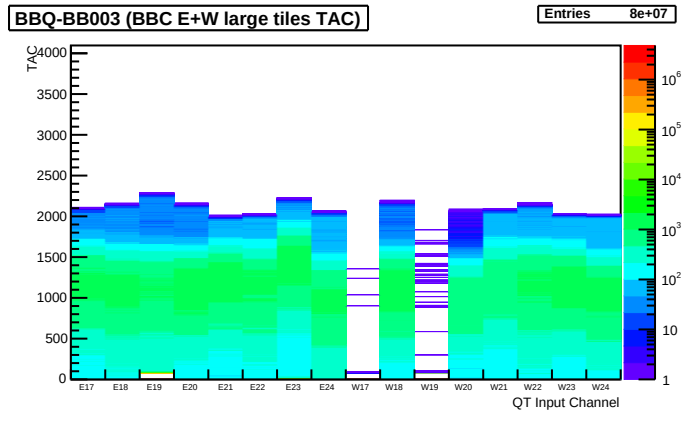

BBQ-BB001 (BBC east small tiles ADC)
Entries 8e+07
ADC
QT Input Channel

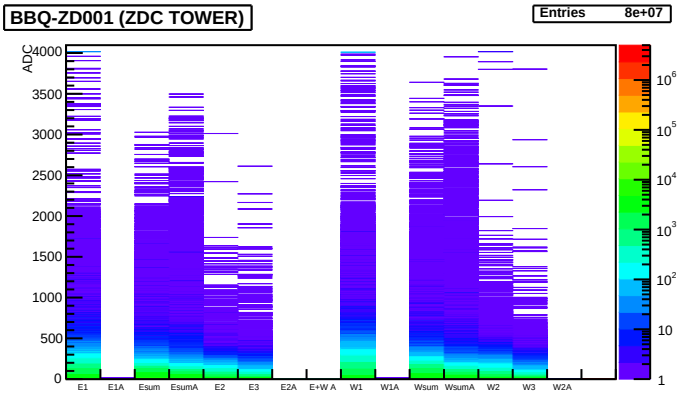

BBQ-BB001 (BBC east small tiles TAC)
Entries 8e+07
TAC
QT Input Channel

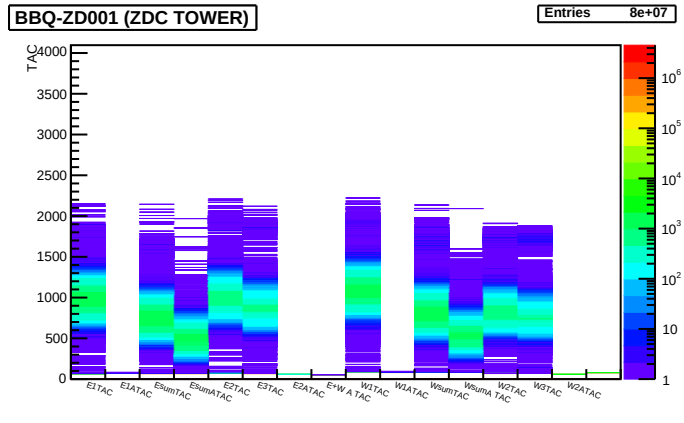

BBQ-BB002 (BBC west small tiles ADC)
Entries 8e+07
ADC
QT Input Channel

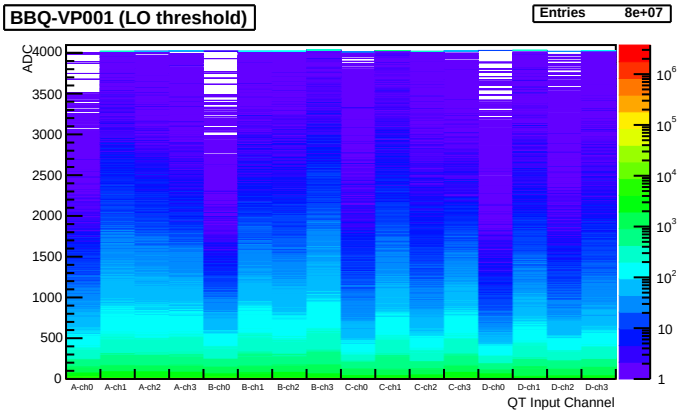

BBQ-BB002 (BBC west small tiles TAC)
Entries 8e+07
TAC
QT Input Channel

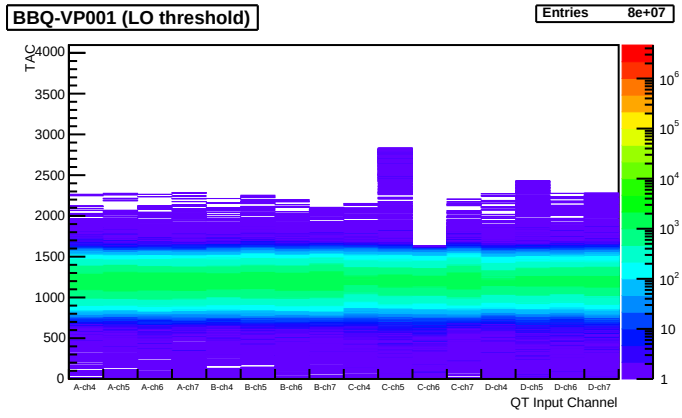

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8e+07
ADC
QT Input Channel

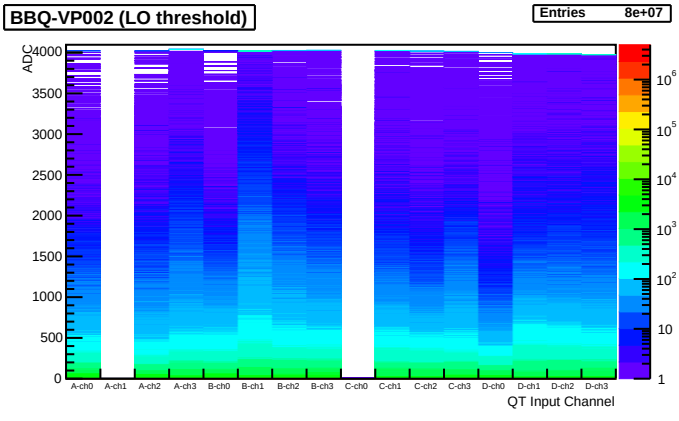

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8e+07
TAC
QT Input Channel

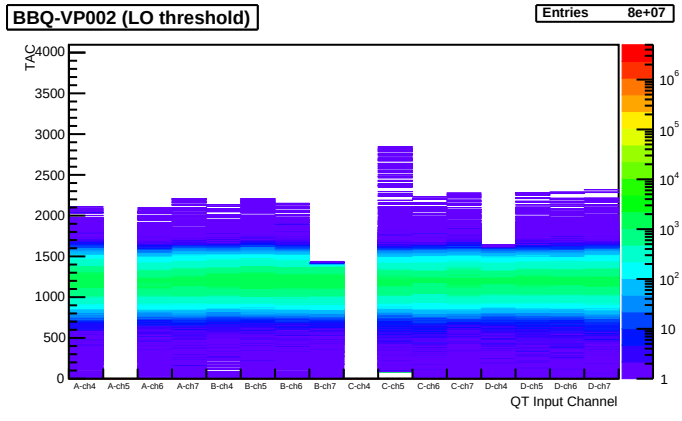

BBQ-ZD001 (ZDC TOWER)
Entries 8e+07
ADC

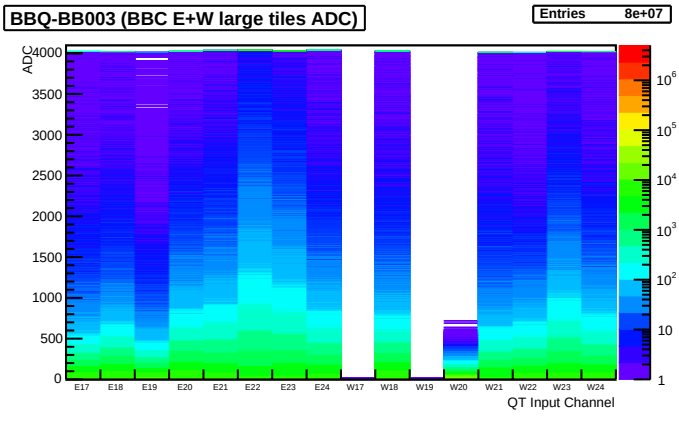

BBQ-ZD001 (ZDC TOWER)
Entries 8e+07
TAC

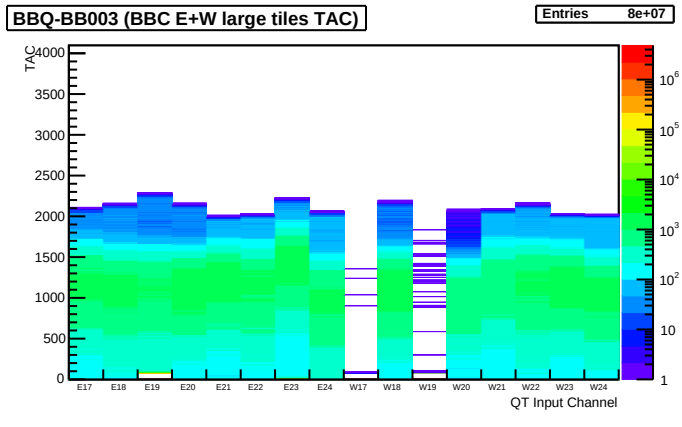

BBQ-VP001 (LO threshold)
Entries 8e+07
ADC
QT Input Channel

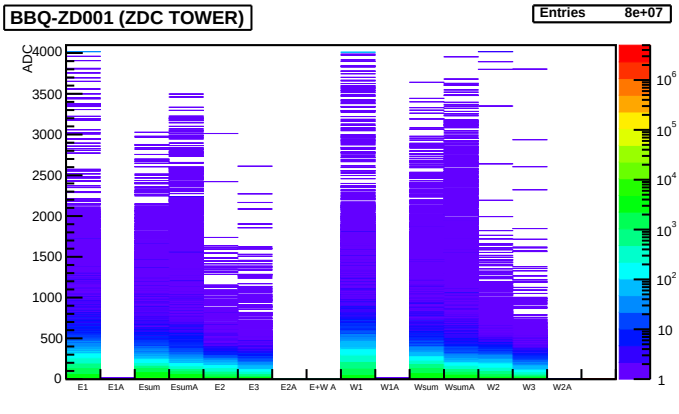

BBQ-VP001 (LO threshold)
Entries 8e+07
TAC
QT Input Channel

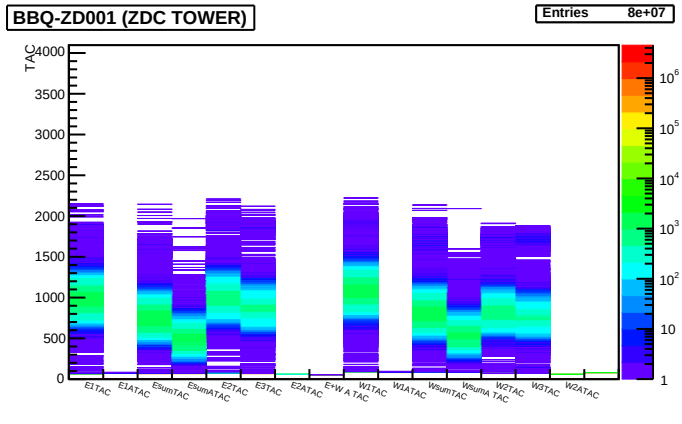

BBQ-VP002 (LO threshold)
Entries 8e+07
ADC
QT Input Channel

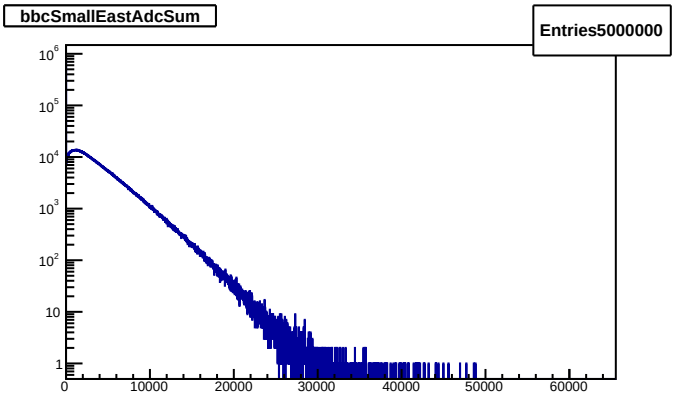

BBQ-VP002 (LO threshold)
Entries 8e+07
TAC
QT Input Channel

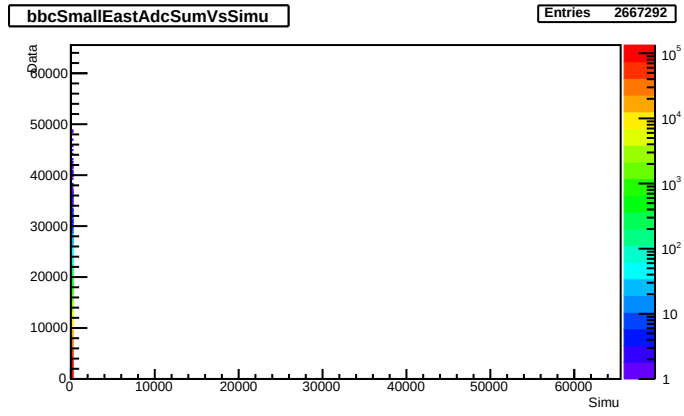

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8e+07
ADC
QT Input Channel

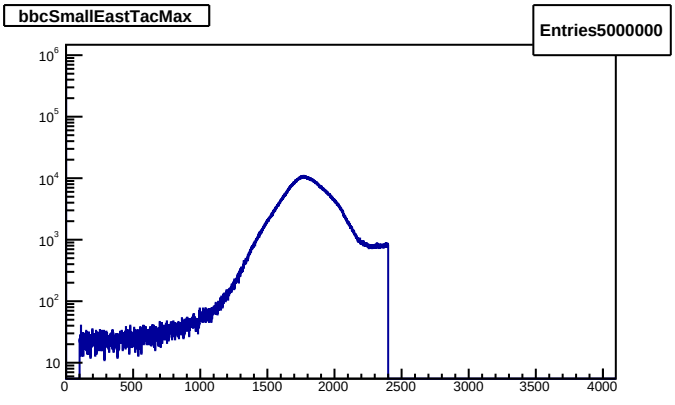

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8e+07
TAC
QT Input Channel

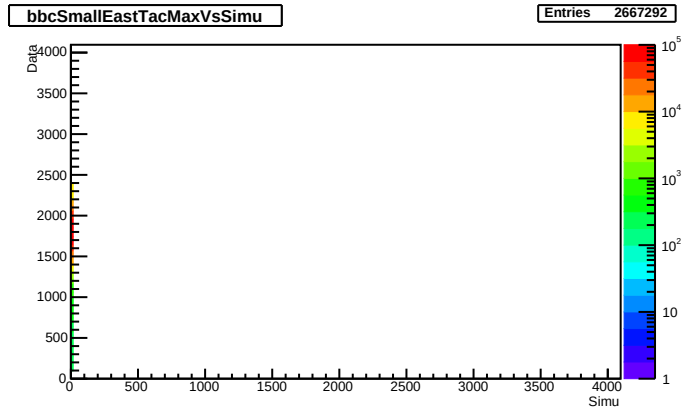

BBQ-ZD001 (ZDC TOWER)
Entries 8e+07
ADC

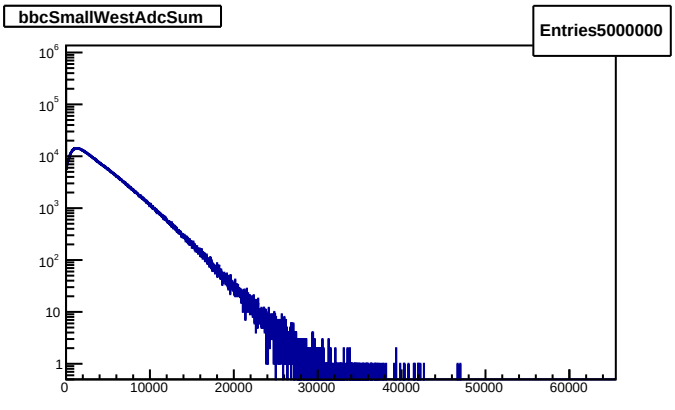

BBQ-ZD001 (ZDC TOWER)
Entries 8e+07
TAC

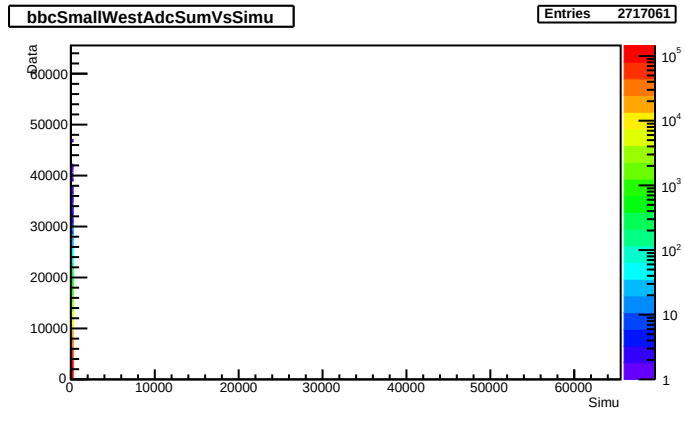

bbcSmallEastAdcSum
Entries5000000

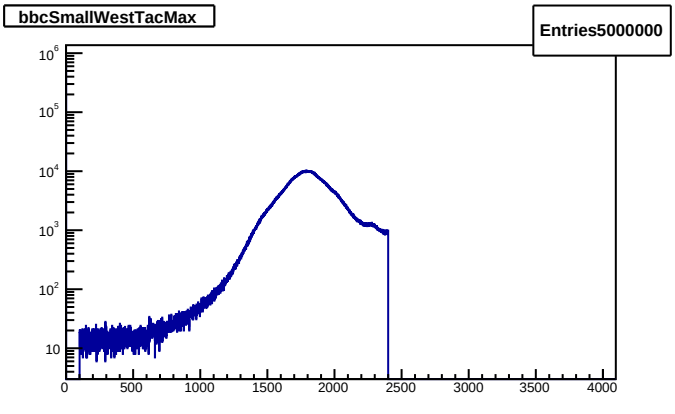

bbcSmallEastAdcSumVsSimu
Entries 2667292
Data
Simu

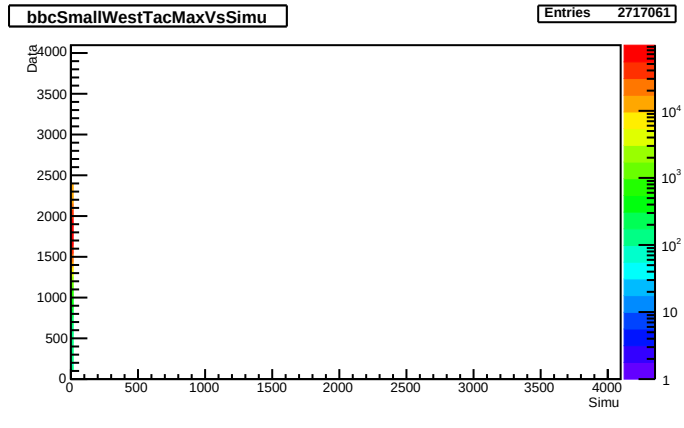

bbcSmallEastTacMax
Entries5000000

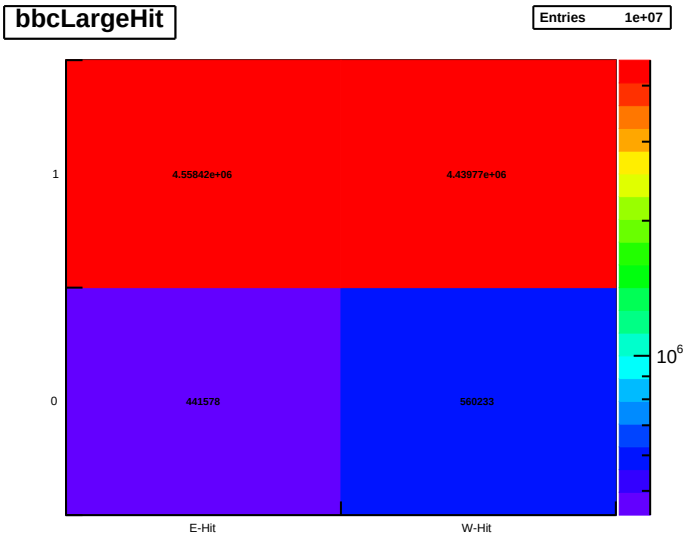

bbcSmallEastTacMaxVsSimu
Entries 2667292
Data
Simu

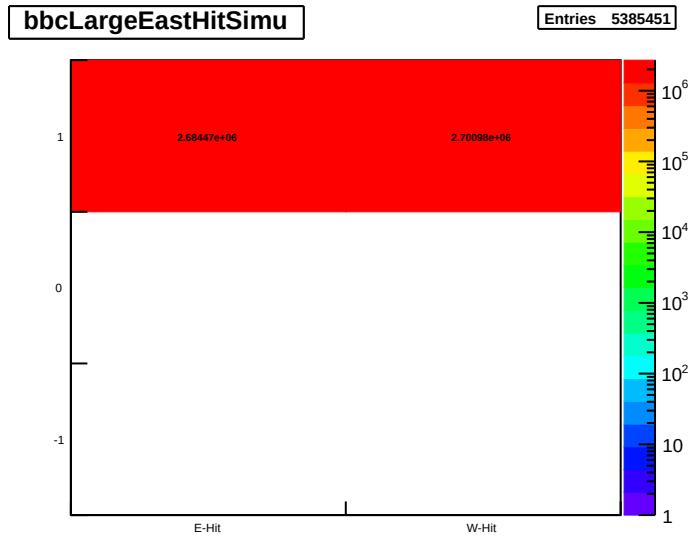

bbcSmallWestAdcSum
Entries5000000

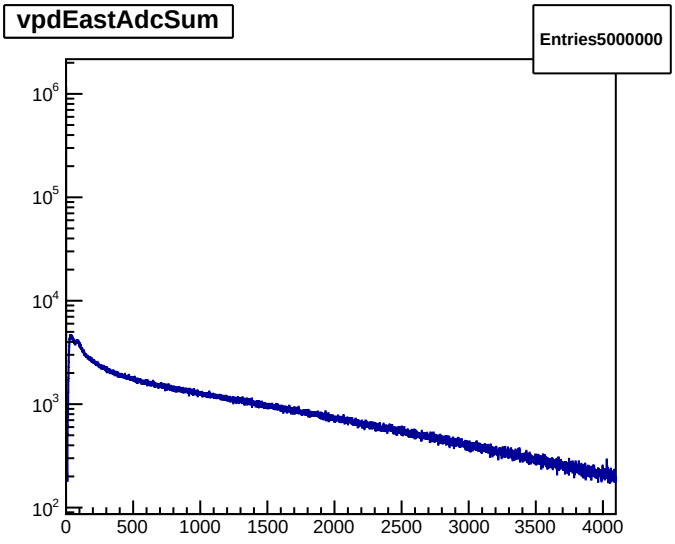

bbcSmallWestAdcSumVsSimu
Entries 2717061
Data
Simu

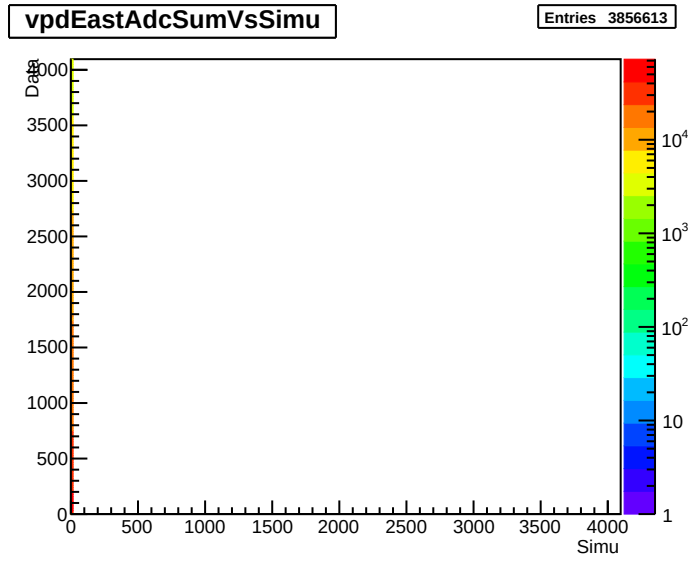

bbcSmallWestTacMax
Entries5000000

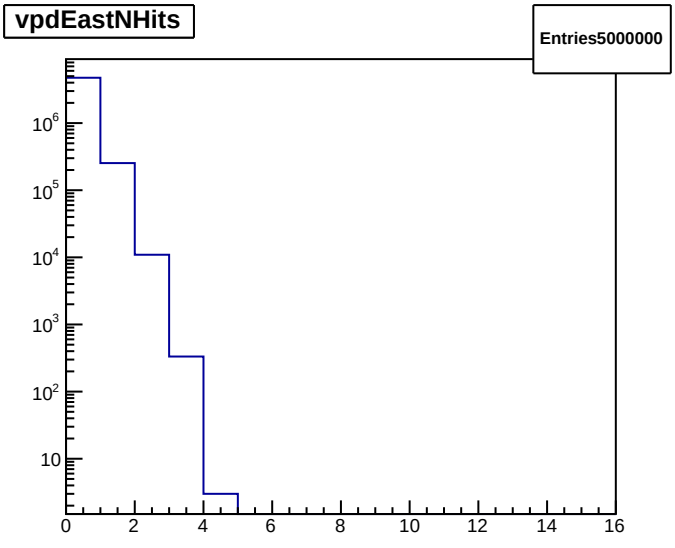

bbcSmallWestTacMaxVsSimu
Entries 2717061
Data
Simu

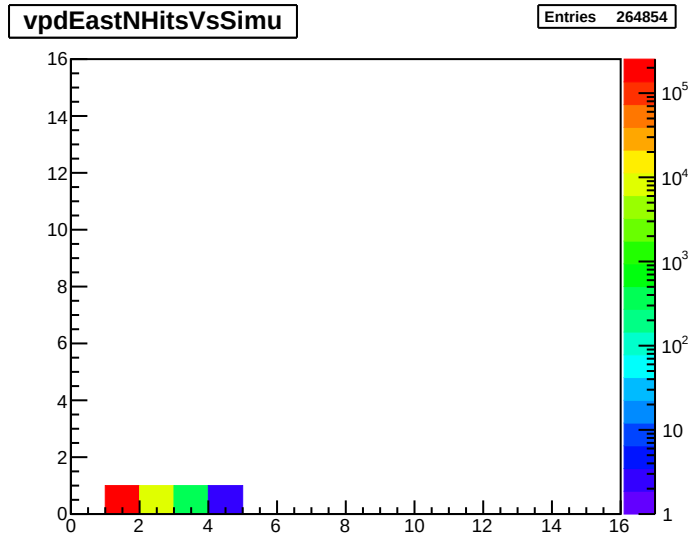

bbcLargeHit
Entries 1e+07
4.55842e+06
4.43977e+06
441578
560233
1
0
E-Hit
W-Hit
10^6

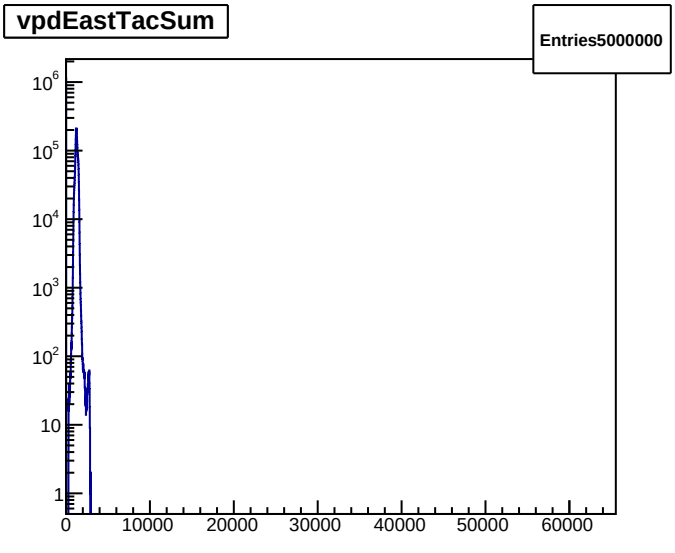

bbcLargeEastHitSimu
Entries 5385451
2.68447e+06
2.70098e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

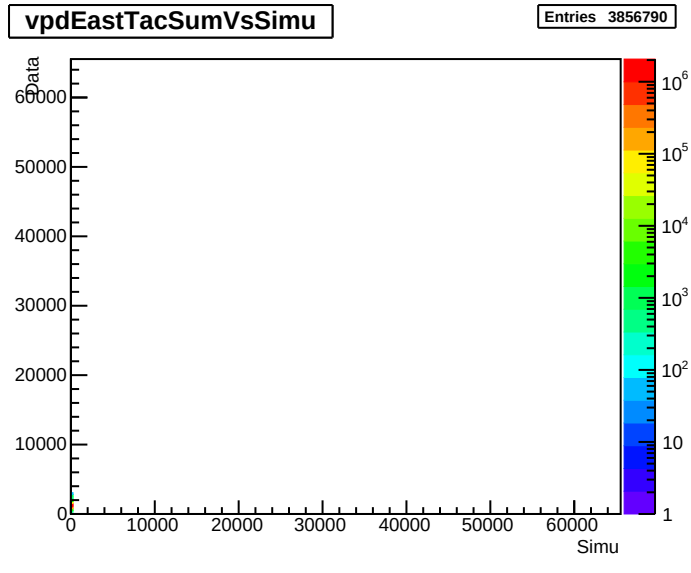

vpdEastAdcSum
Entries5000000

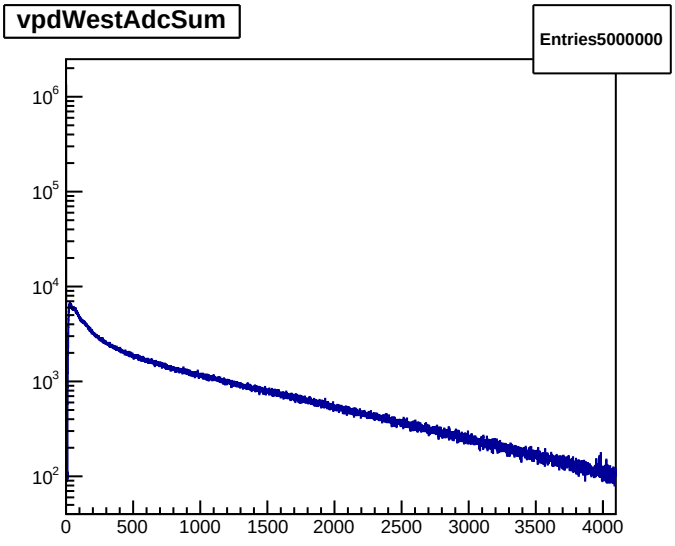

vpdEastAdcSumVsSimu
Entries 3856613
Data
Simu

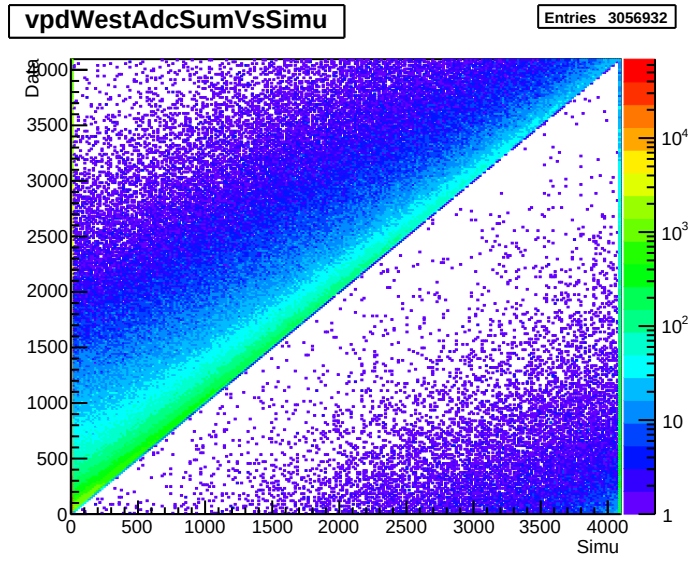

vpdEastNHits
Entries5000000

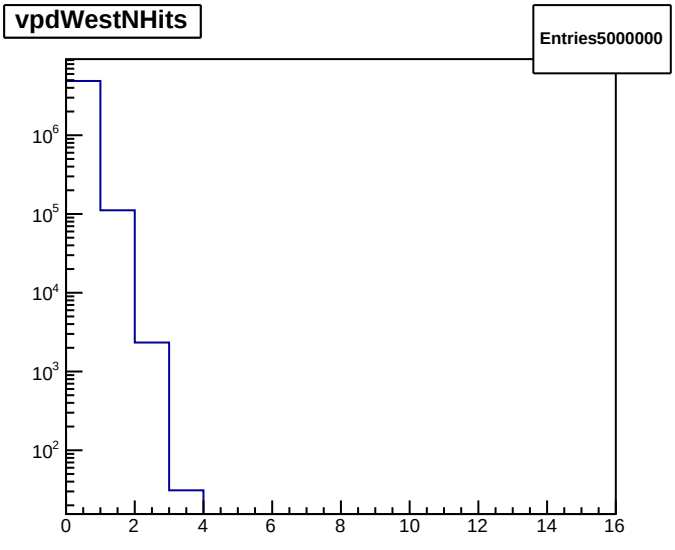

vpdEastNHitsVsSimu
Entries 264854

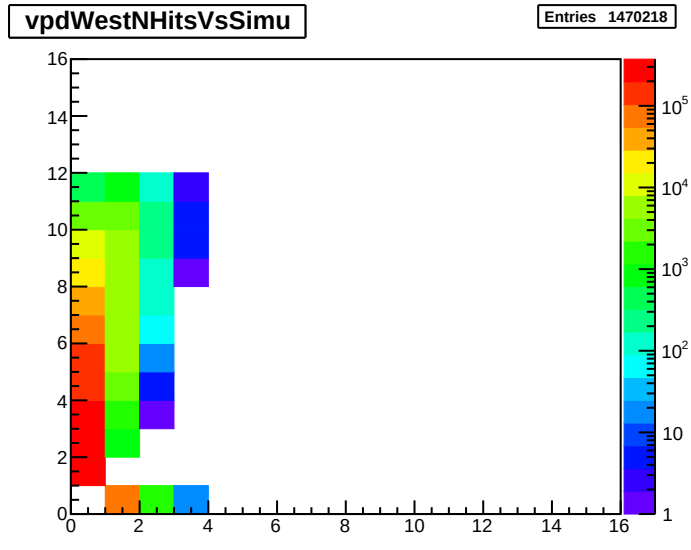

vpdEastTacSum
Entries5000000

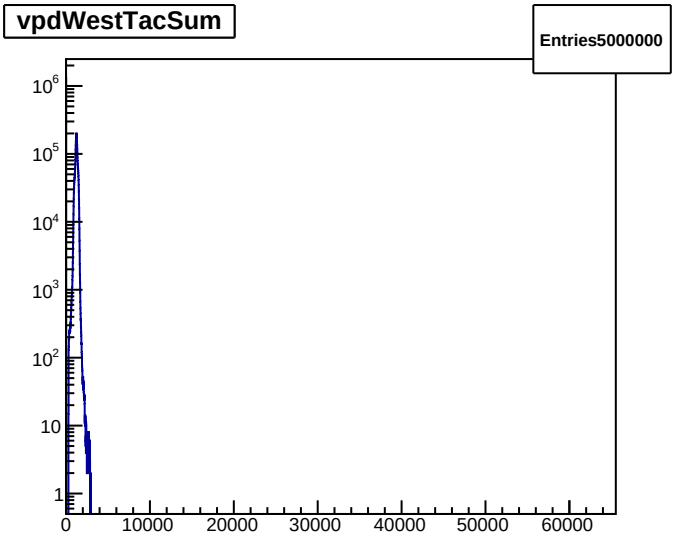

vpdEastTacSumVsSimu
Entries 3856790
Data
Simu

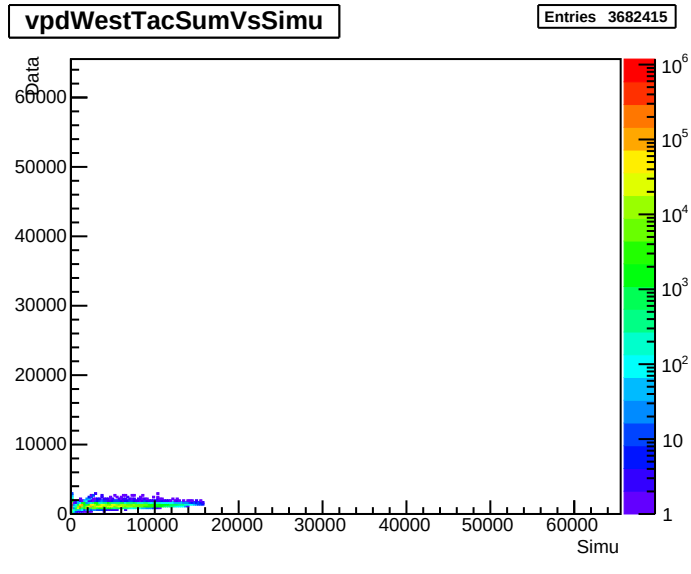

vpdWestAdcSum
Entries5000000

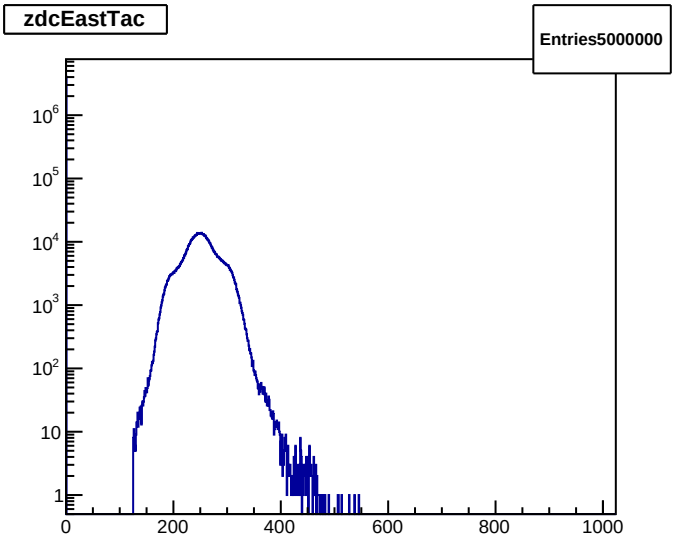

vpdWestAdcSumVsSimu
Entries 3056932
Data
Simu

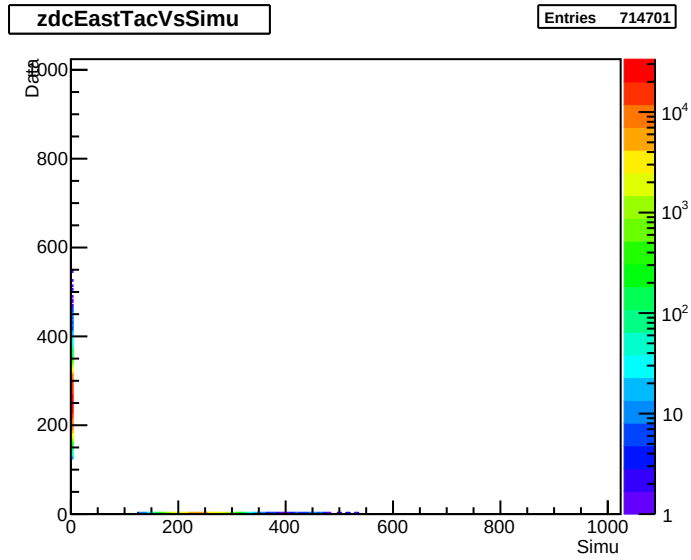

vpdWestNHits
Entries5000000

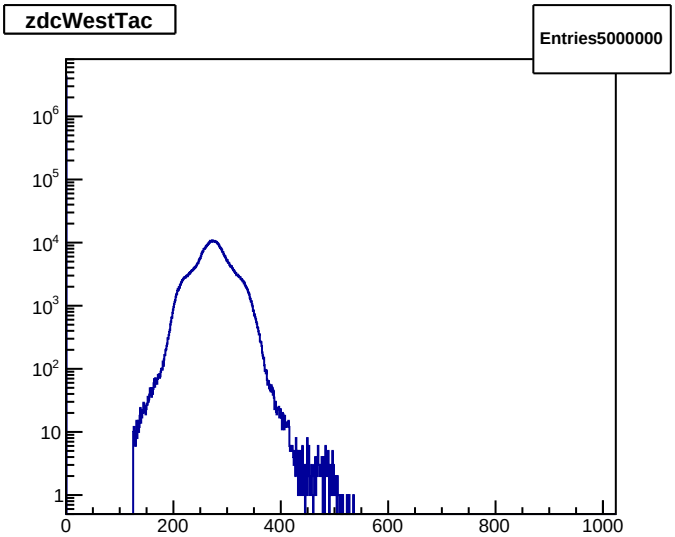

vpdWestNHitsVsSimu
Entries 1470218

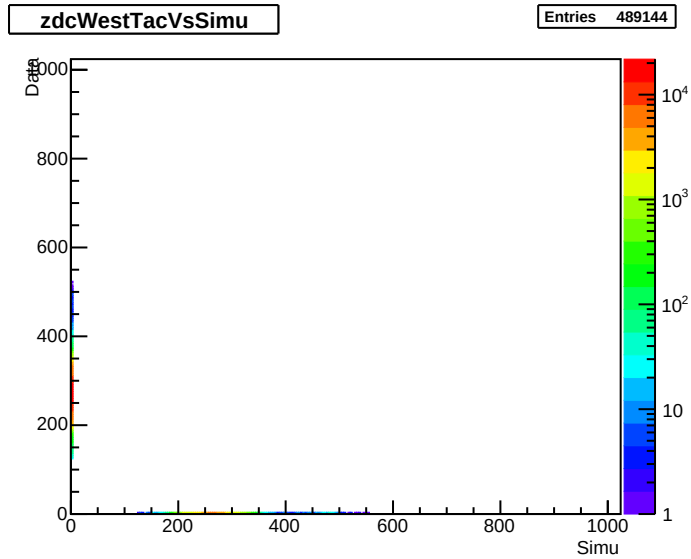

vpdWestTacSum
Entries5000000

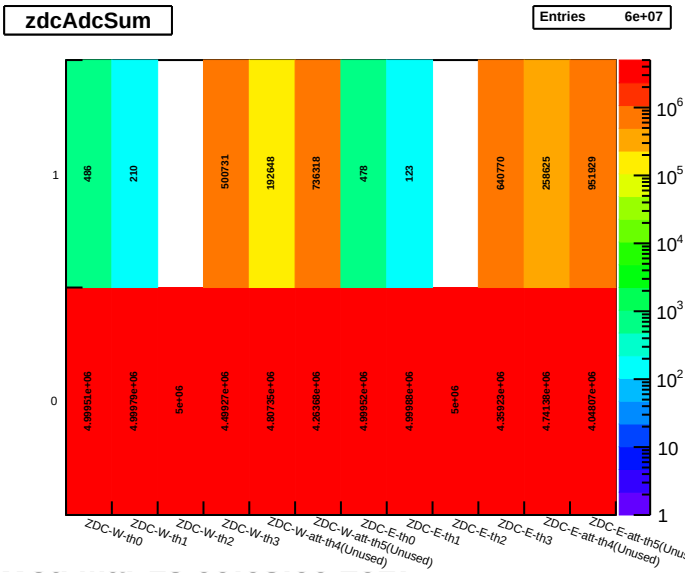

vpdWestTacSumVsSimu
Entries 3682415
Data
Simu

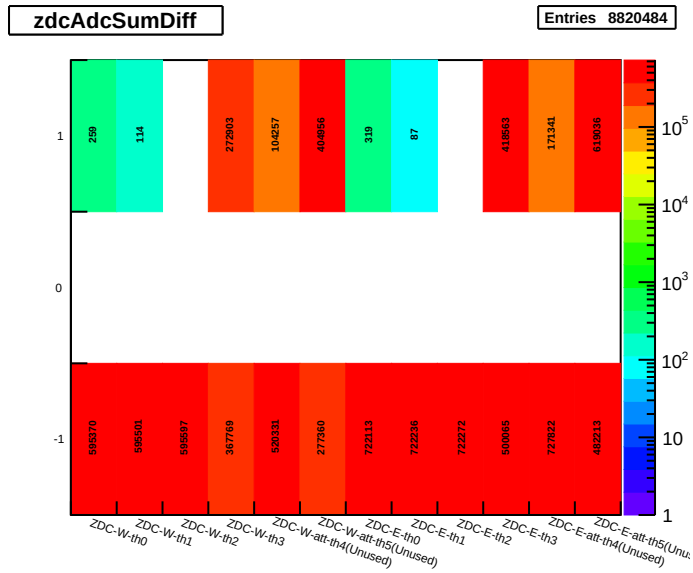

zdcEastTac
Entries5000000

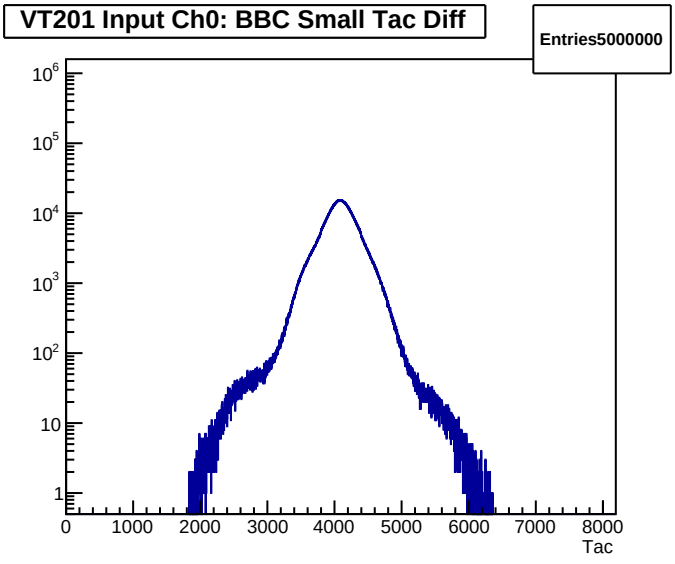

zdcEastTacVsSimu
Entries 714701
Data
Simu

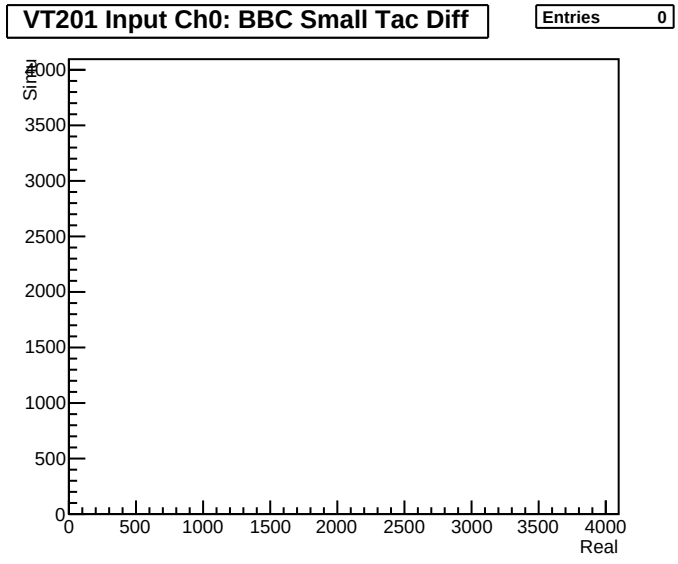

zdcWestTac
Entries5000000

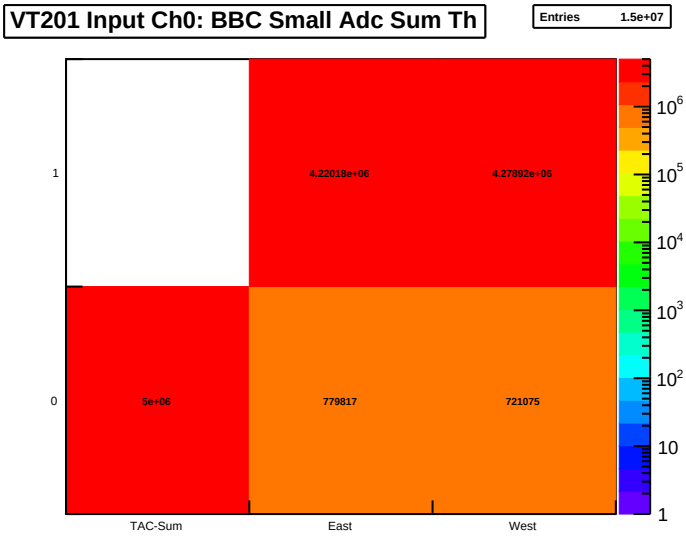

zdcWestTacVsSimu
Entries 489144
Data
Simu

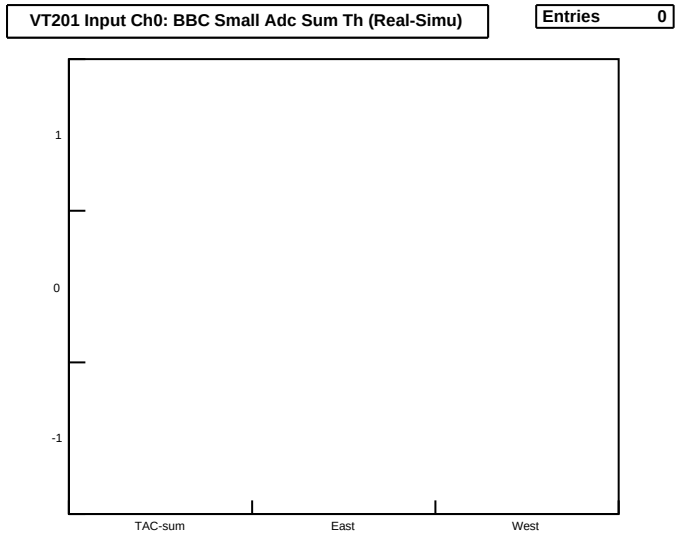

zdcAdcSum
Entries 6e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

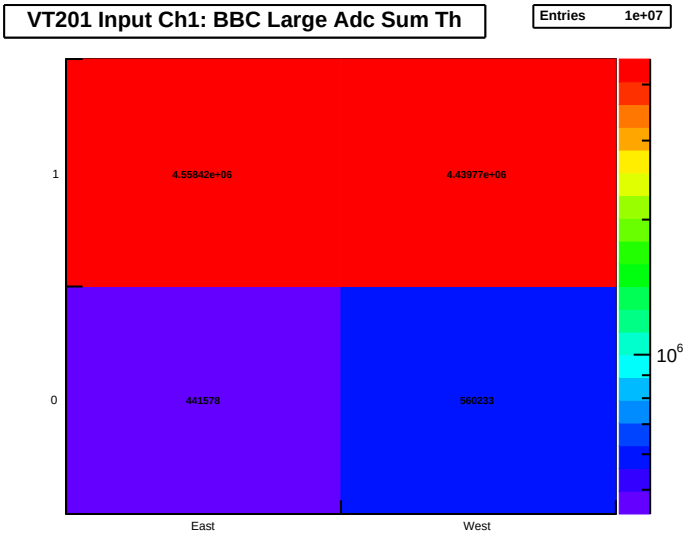

zdcAdcSumDiff
Entries 8820484
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

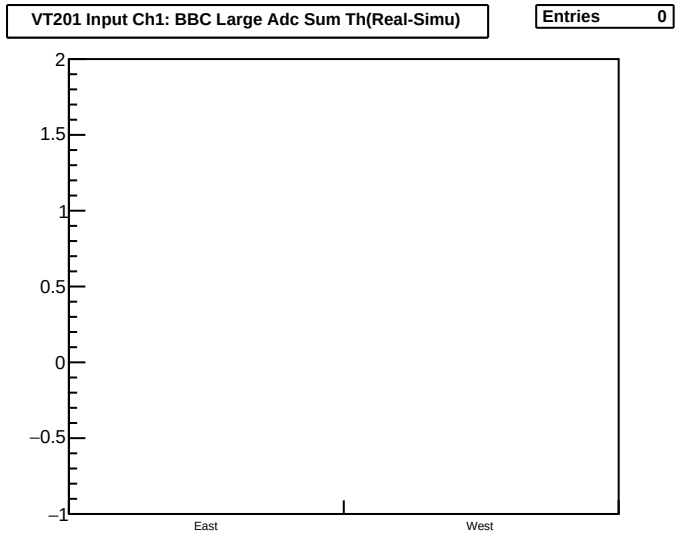

VT201 Input Ch0: BBC Small Tac Diff
Entries5000000
Tac


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

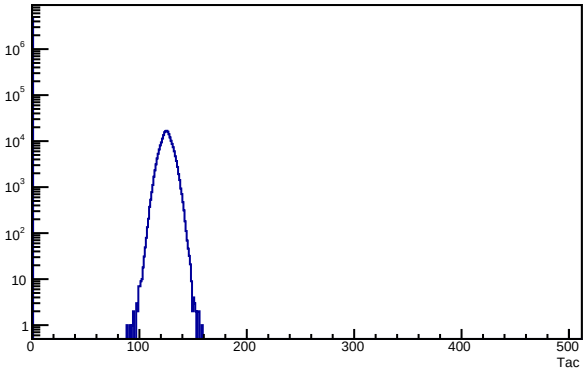

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.5e+07
4.22018e+06
4.27892e+06
5e+06
779817
721075
TAC-Sum
East
West


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

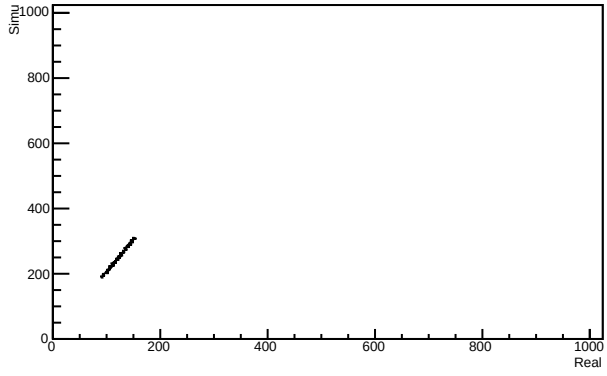

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1e+07
4.55842e+06
4.43977e+06
441578
560233
East
West


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

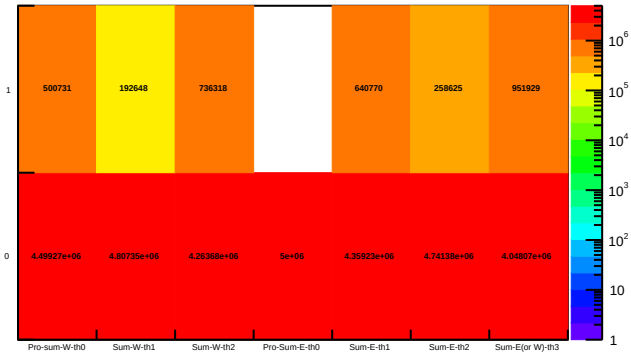
VT201 Input Ch2: ZDC Tac Diff



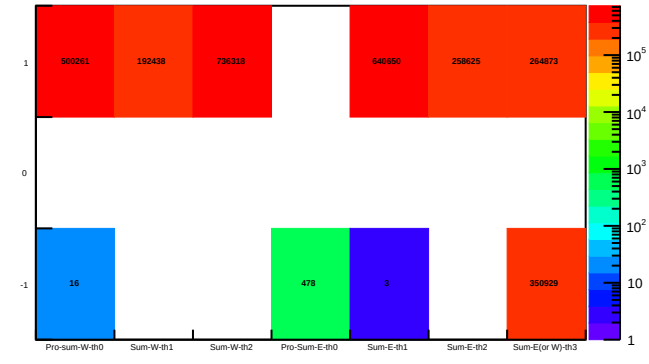
VT201 Input Ch2: ZDC Tac Diff



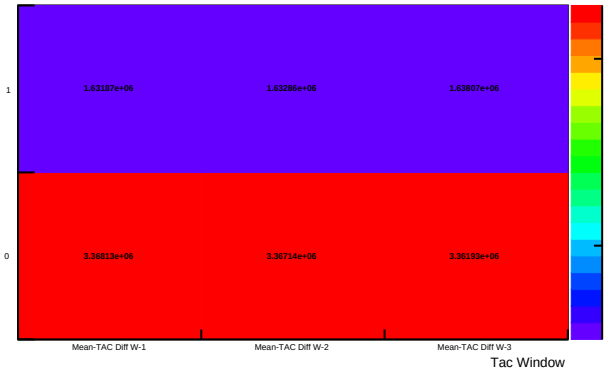
VT201 Input Ch2: ZDC Adc Sum Th



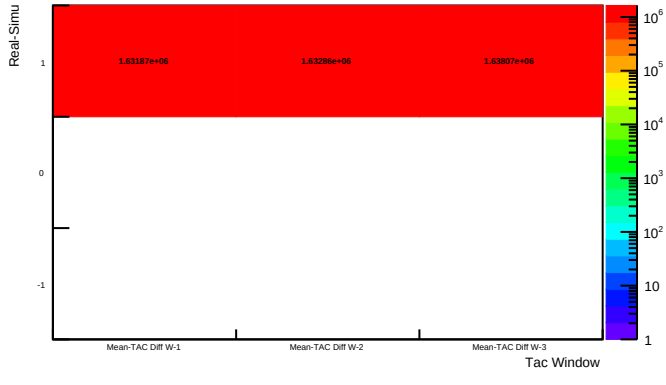
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



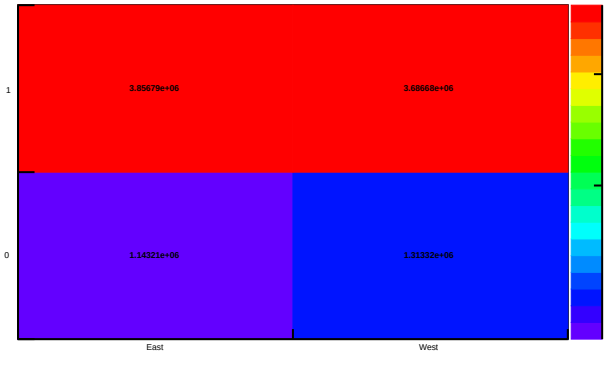
VT201 Input Ch4: VPD Tac Diff



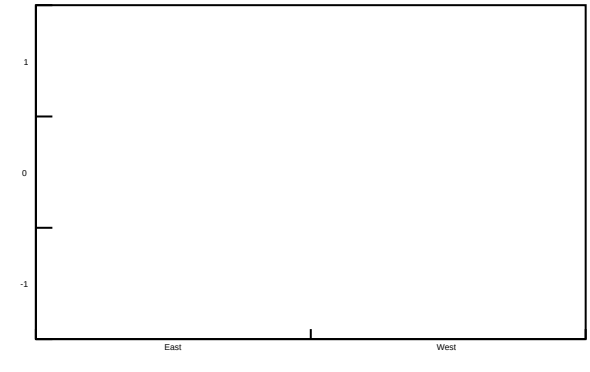
VT201 Input Ch4: VPD Tac Diff

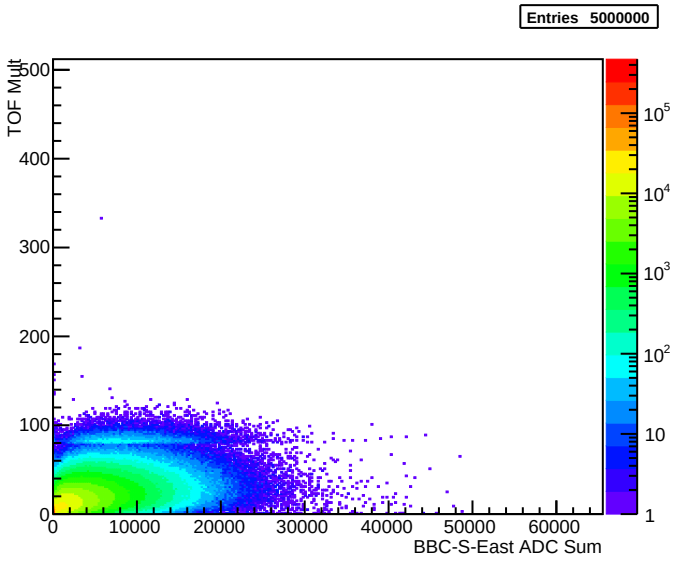


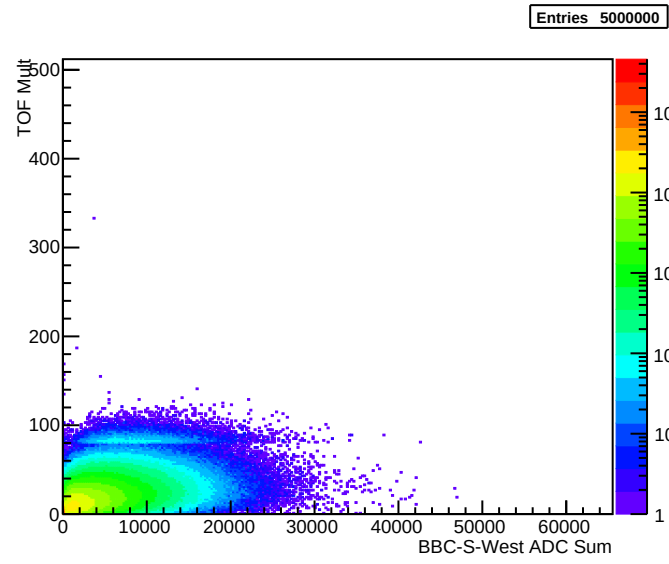
VT201 Input Ch4: VPD Adc Sum Th

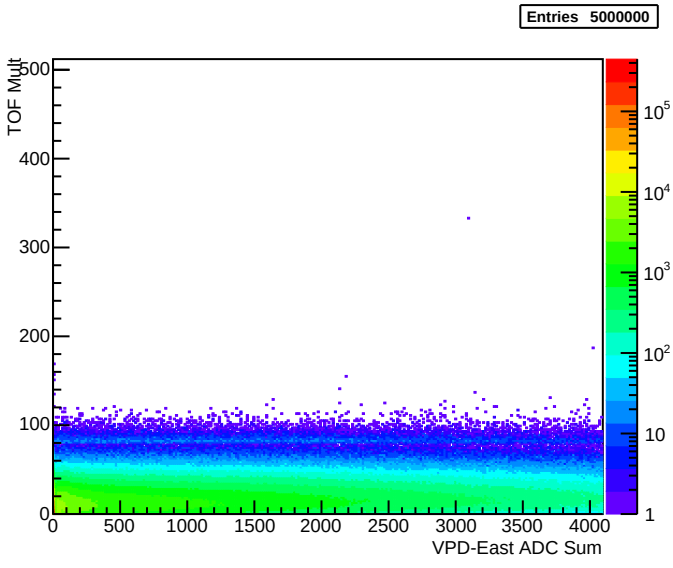


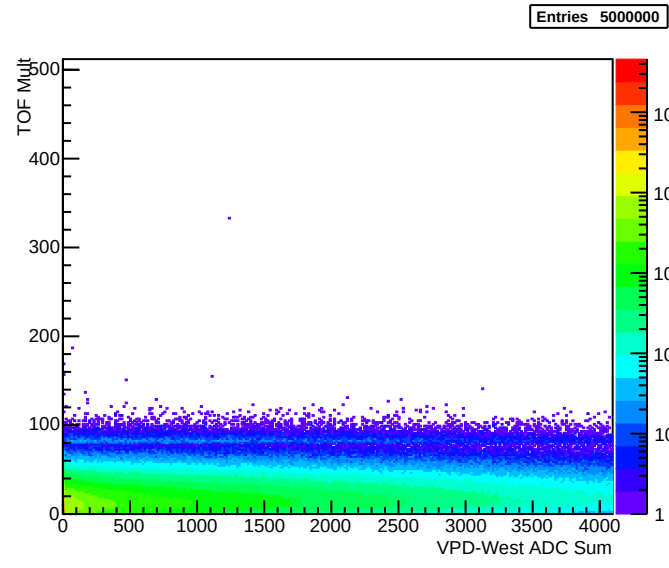
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

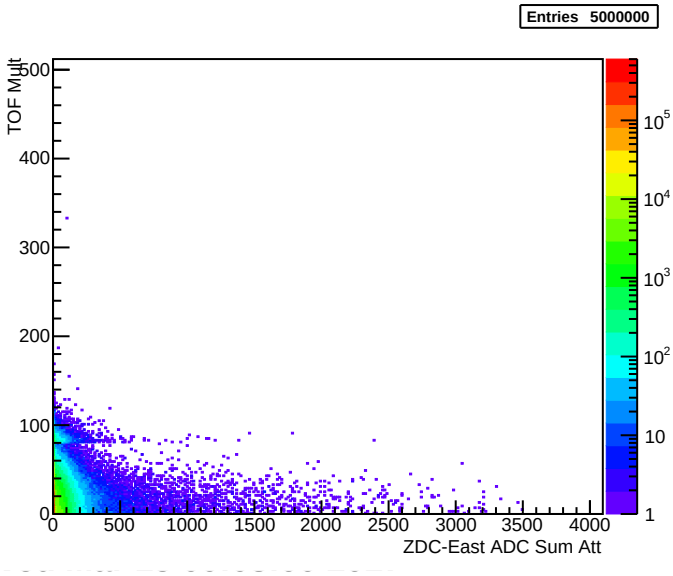


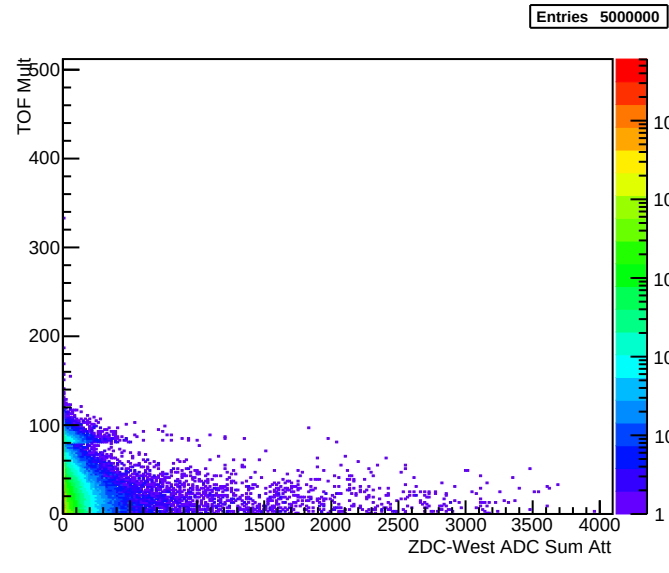

Entries 5000000
TOF Mult
BBC-S-East ADC Sum

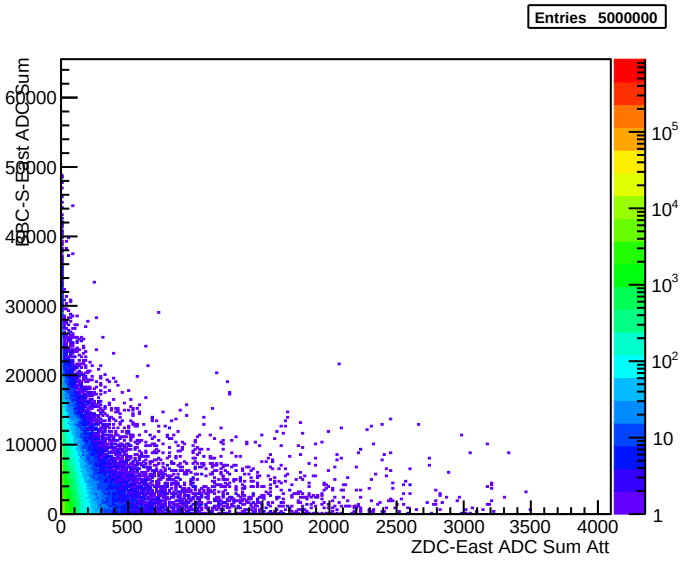

Entries 5000000
TOF Mult
BBC-S-West ADC Sum

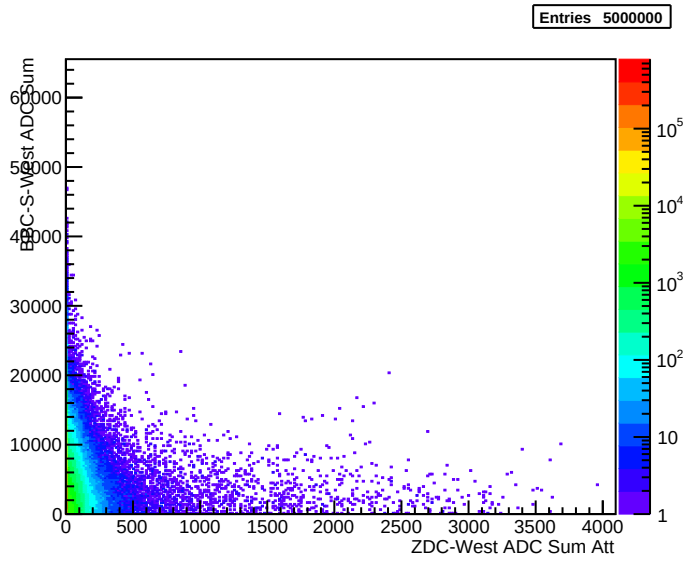

Entries 5000000
TOF Mult
VPD-East ADC Sum

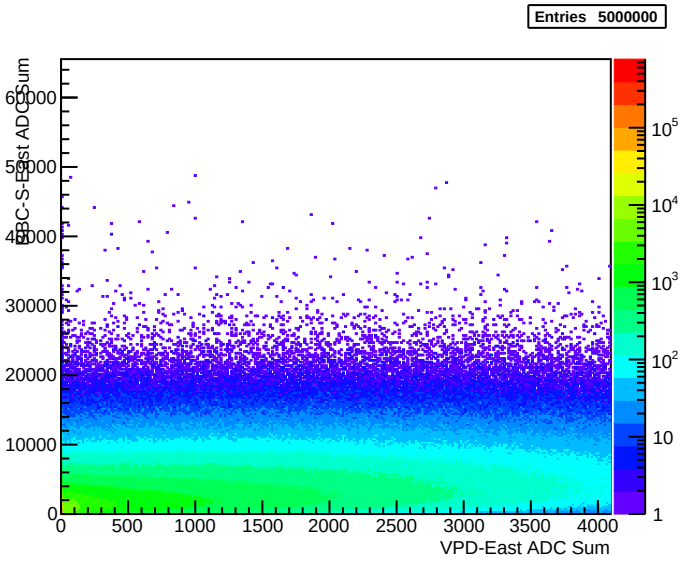

Entries 5000000
TOF Mult
VPD-West ADC Sum

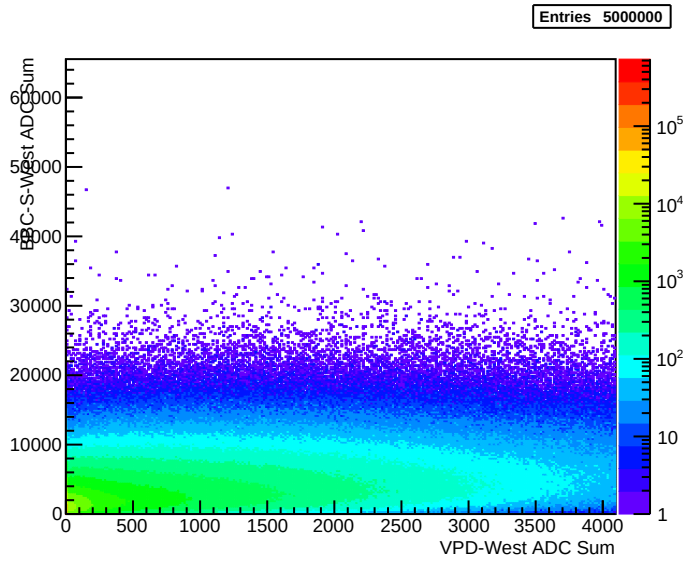

Entries 5000000
TOF Mult
ZDC-East ADC Sum Att

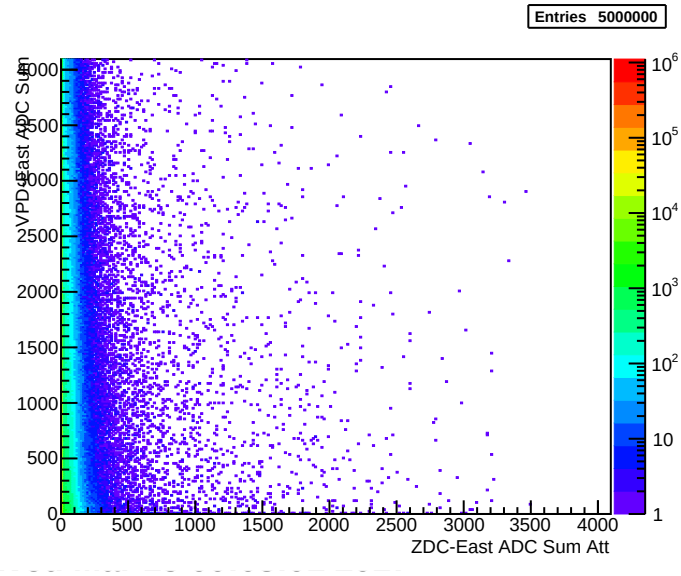

Entries 5000000
TOF Mult
ZDC-West ADC Sum Att

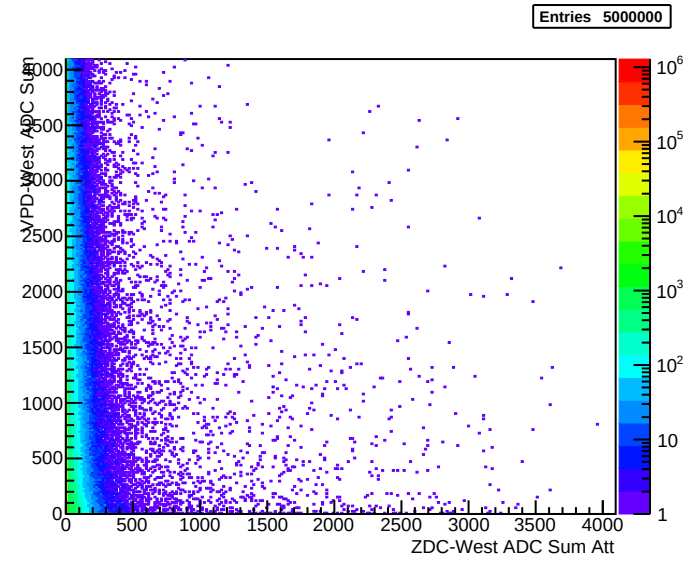

Entries 5000000
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

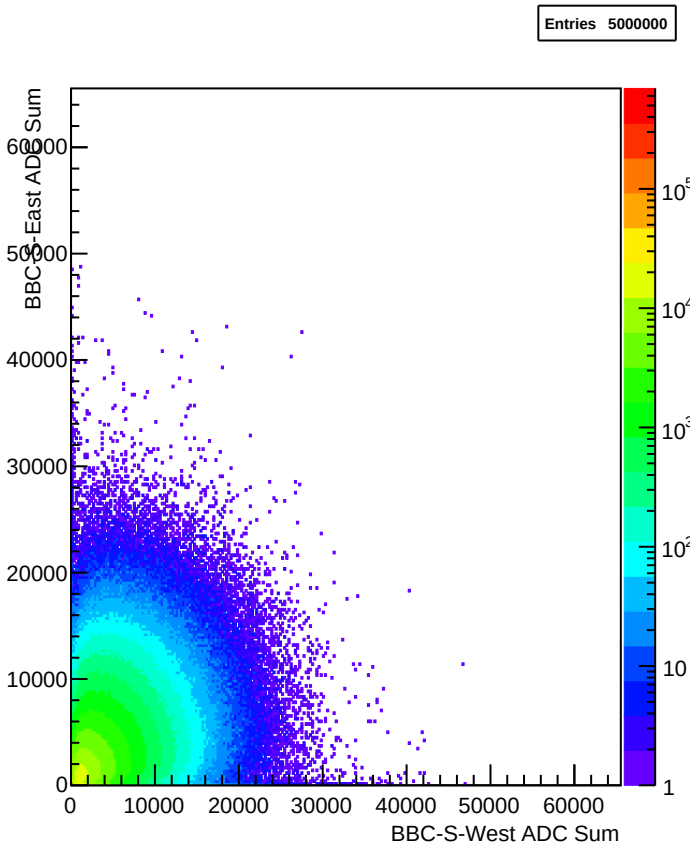

Entries 5000000
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

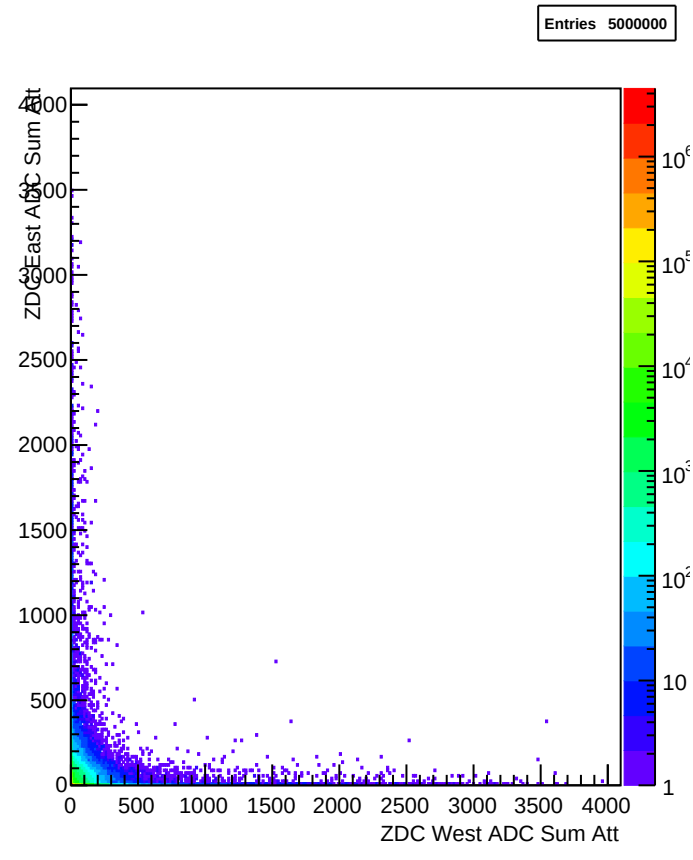

Entries 5000000
BBC-S-East ADC Sum
VPD-East ADC Sum

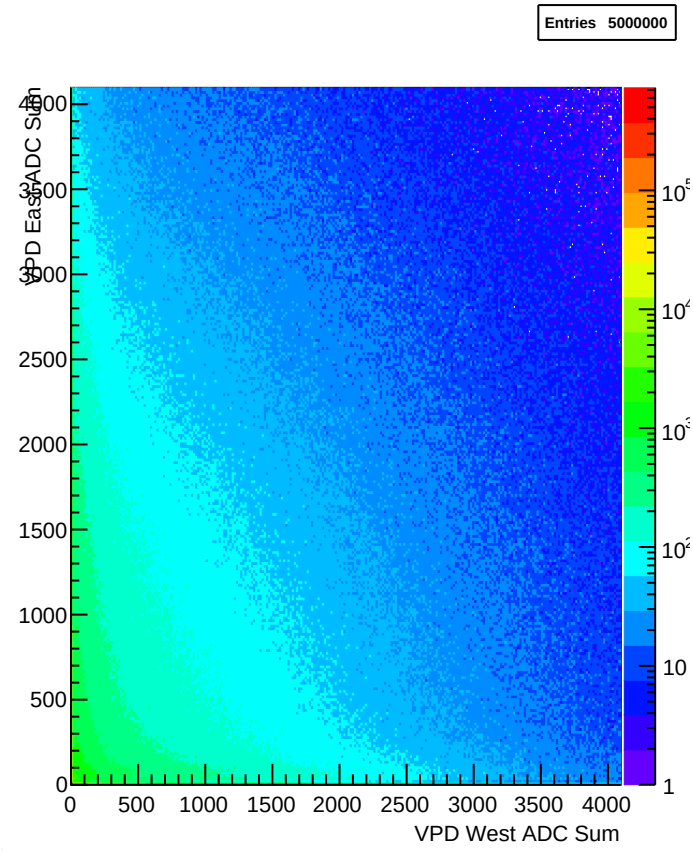

Entries 5000000
BBC-S-West ADC Sum
VPD-West ADC Sum

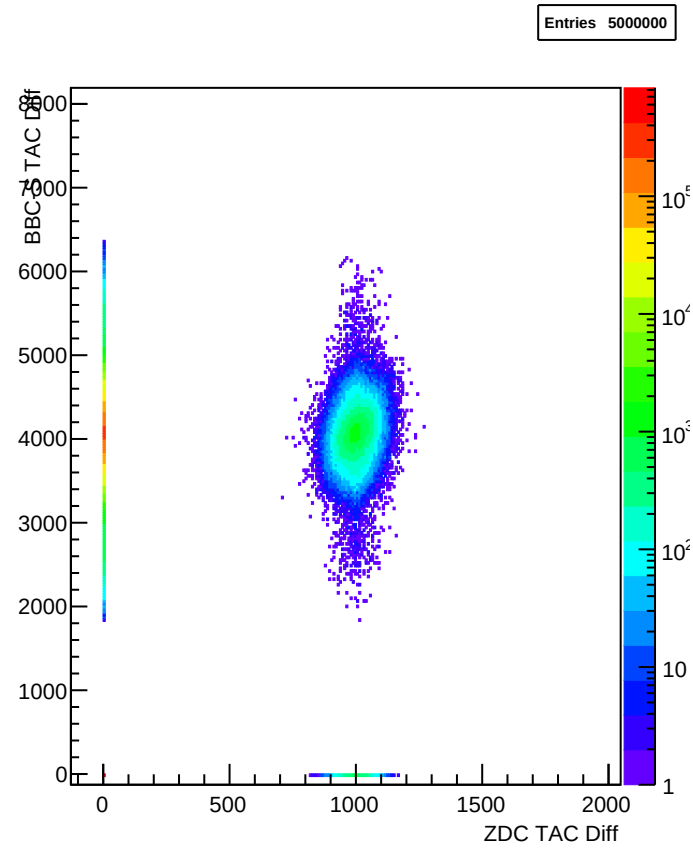

Entries 5000000
VPD-East ADC Sum
ZDC-East ADC Sum Att

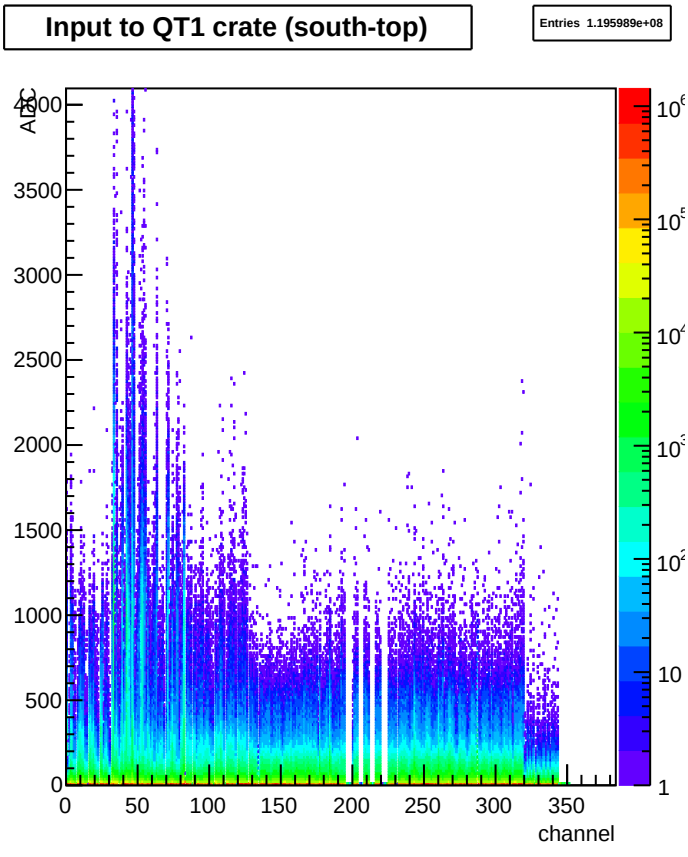

Entries 5000000
VPD-West ADC Sum
ZDC-West ADC Sum Att

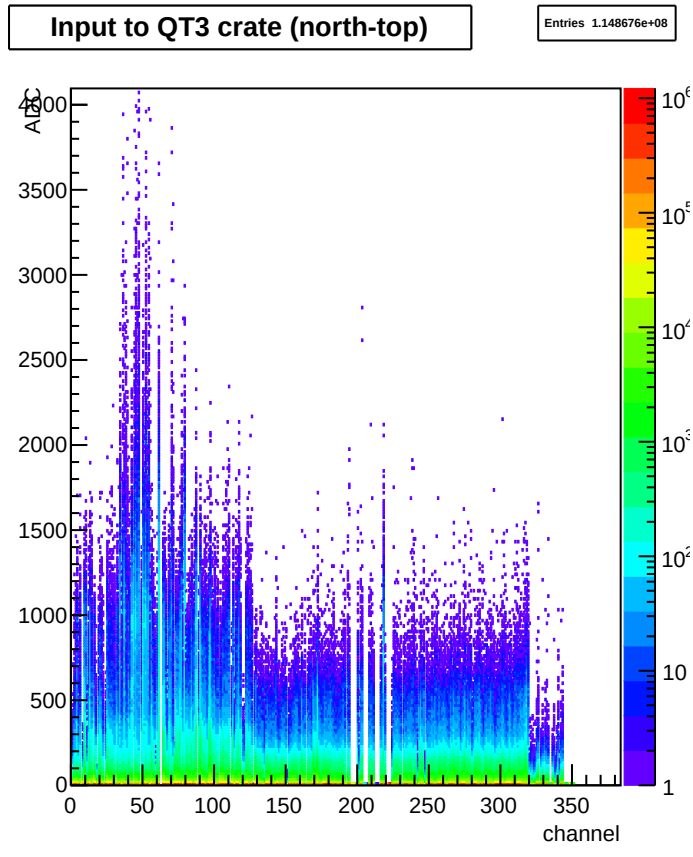

Entries 5000000
BBC-S-East ADC Sum
BBC-S-West ADC Sum

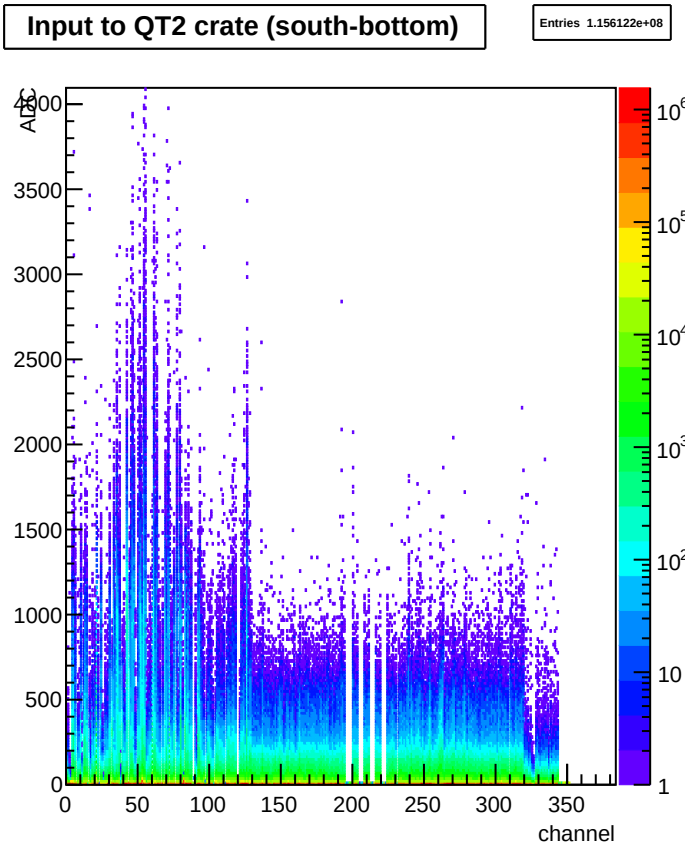

Entries 5000000
ZDC East ADC Sum Att
ZDC West ADC Sum Att

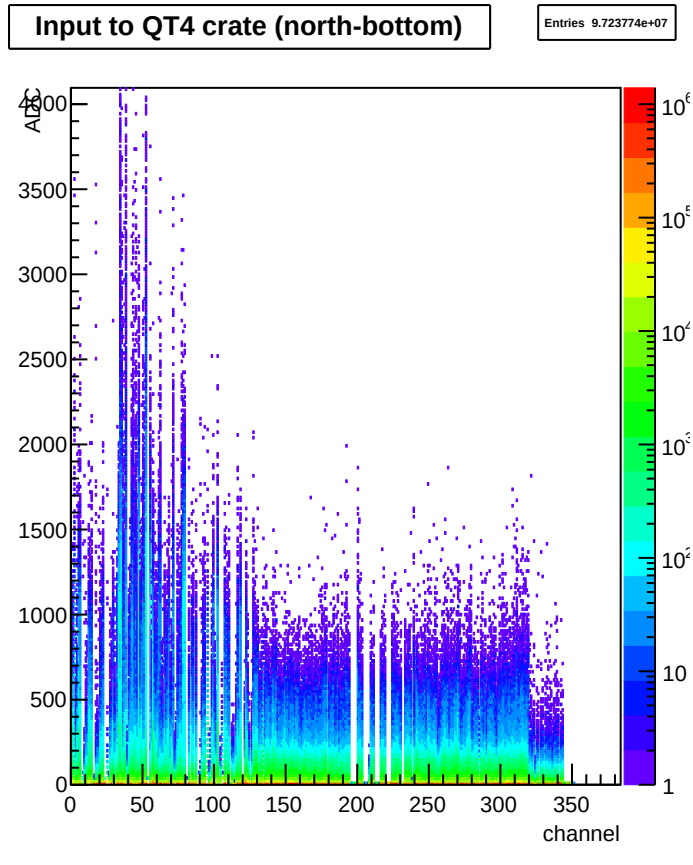

Entries 5000000
VPD East ADC Sum
VPD West ADC Sum

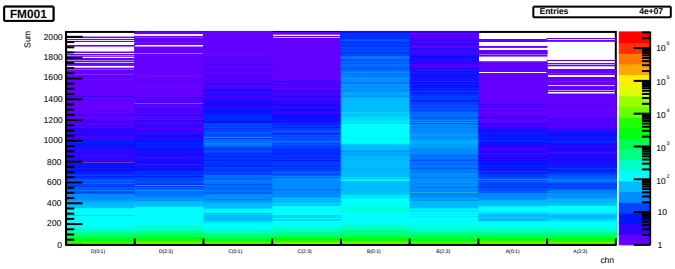

Entries 5000000
BBC-S TAC Diff
ZDC TAC Diff

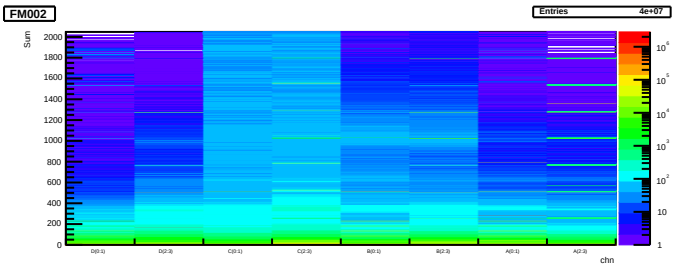

Input to QT1 crate (south-top)
Entries 1.195989e+08
ADC
channel

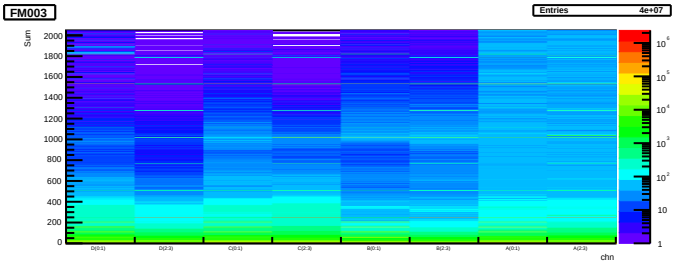

Input to QT3 crate (north-top)
Entries 1.148676e+08
ADC
channel

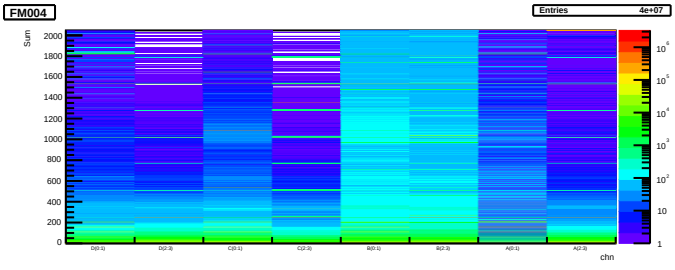

Input to QT2 crate (south-bottom)
Entries 1.156122e+08
ADC
channel

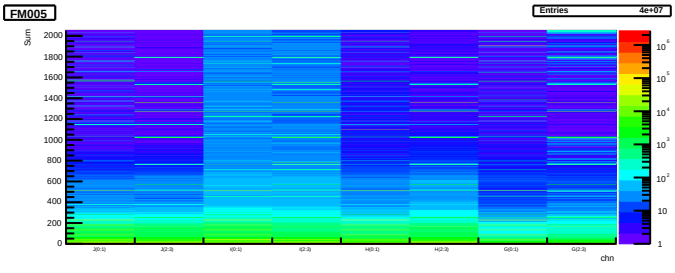

Input to QT4 crate (north-bottom)
Entries 9.723774e+07
ADC
channel

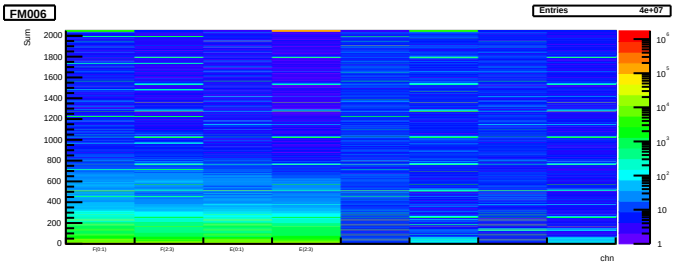

FM001
Entries 4e+07
Sum
chn

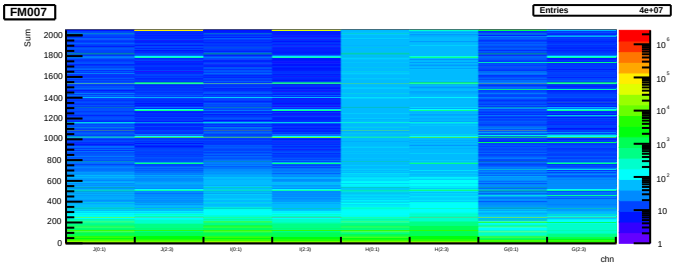

FM002
Entries 4e+07
Sum
chn

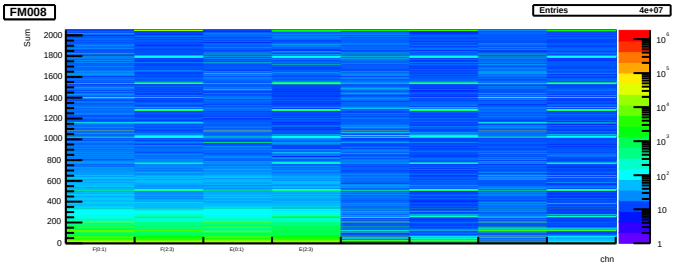

FM003
Entries 4e+07
Sum
chn


FM004
Entries 4e+07
Sum
chn


FM005
Entries 4e+07
Sum
chn


FM006
Entries 4e+07
Sum
chn


FM007
Entries 4e+07
Sum
chn


FM008
Entries 4e+07
Sum
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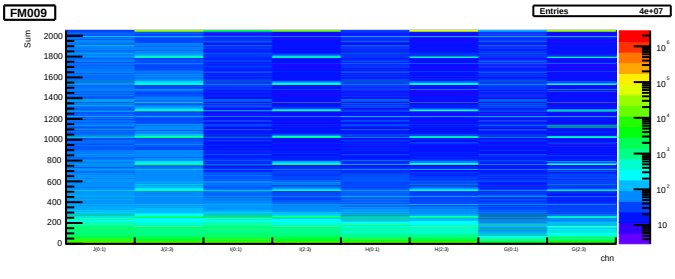
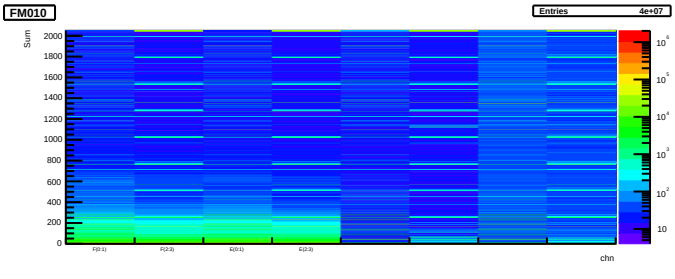

FM009
Entries 4e+07
Sum
chn


FM010
Entries 4e+07
Sum
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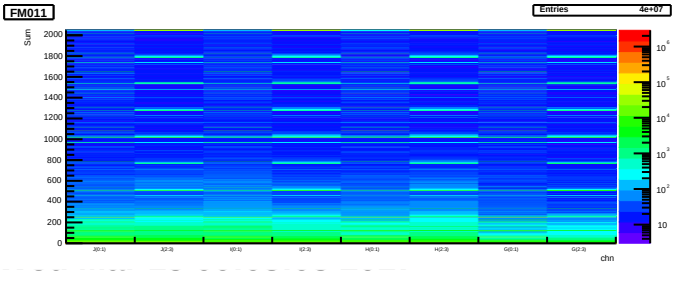
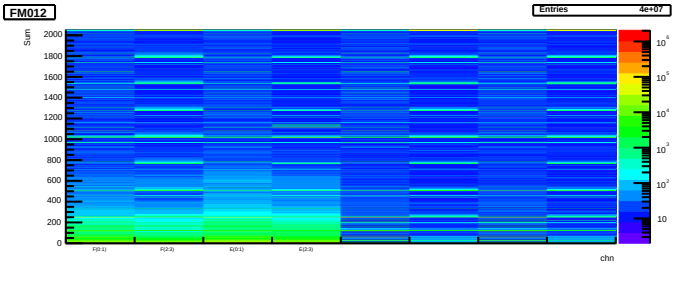
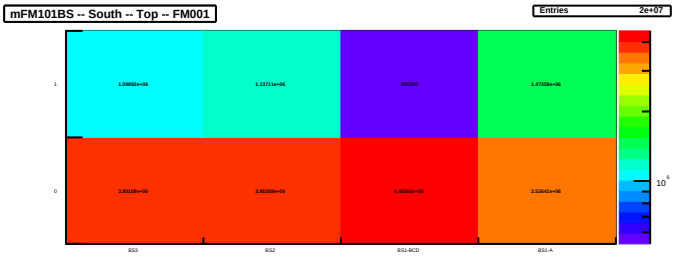
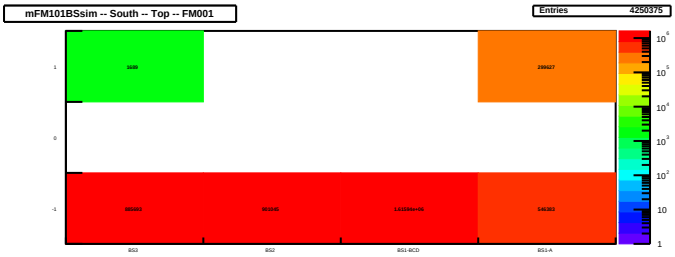

FM011
Entries 4e+07
Sum
chn


FM012
Entries 4e+07
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 2e+07
BS3
BS2
BS1-BCD
BS1-A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BS3
BS2
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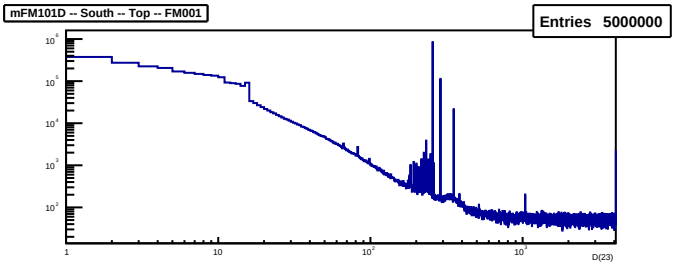
BS1-A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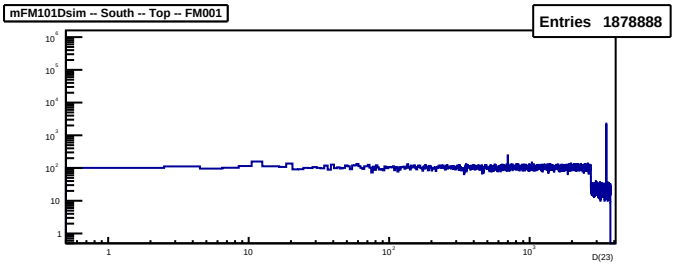
Entries 5000000
D(23)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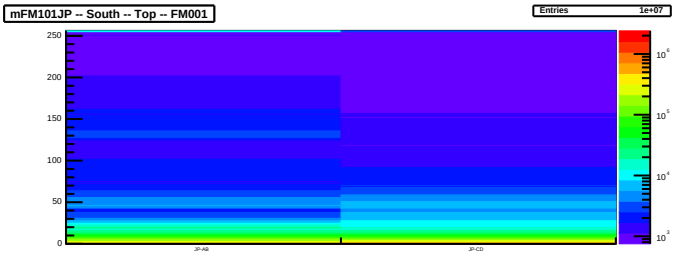
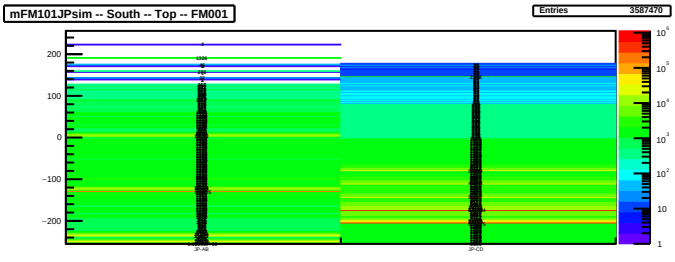
D(23)


mFM101JP -- South -- Top -- FM001
Entries 1e+07
JP-AB
JP-CD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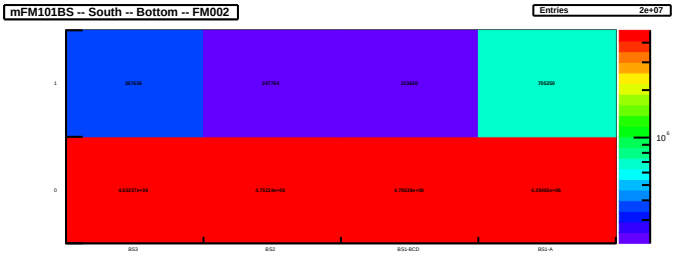
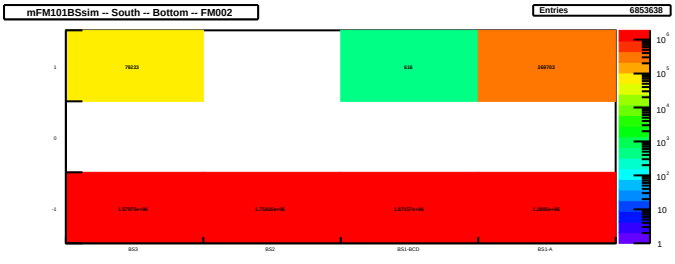
Entries 3587470
JP-AB
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 2e+07
BS3
BS2
BS1-BCD
BS1-A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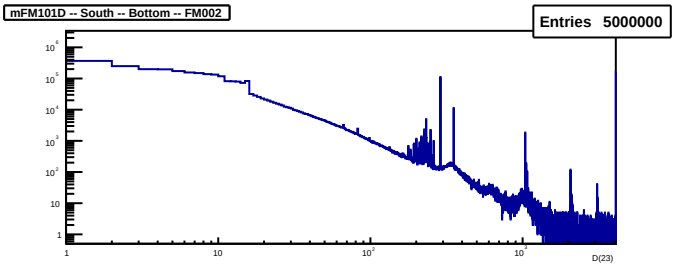
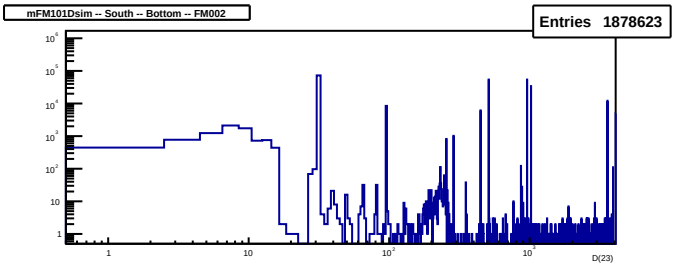
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 5000000
D(23)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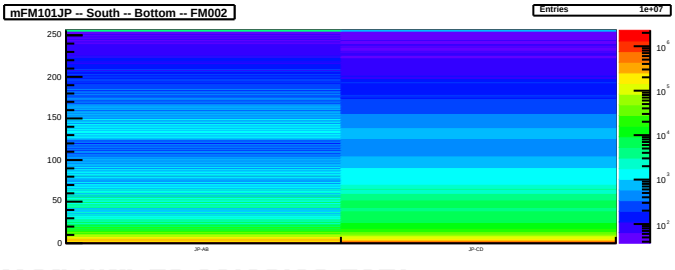
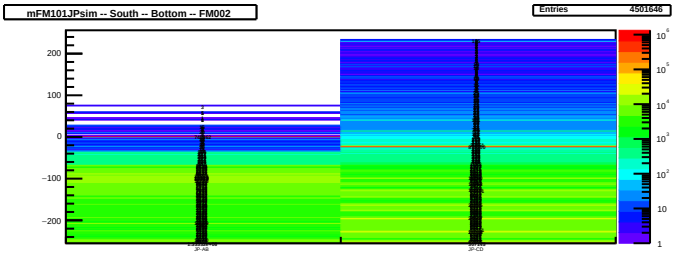
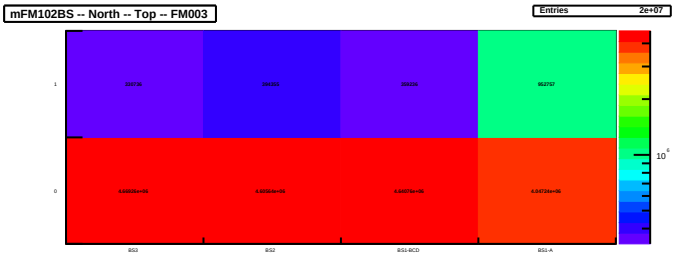
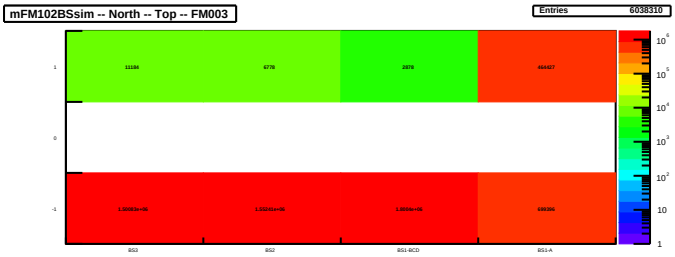
Entries 1878623
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 1e+07
JP-AB
JP-CD


mFM101JPsim -- South -- Bottom -- FM002
Entries 4501646
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 2e+07
BS3
BS2
BS1-BCD
BS1-A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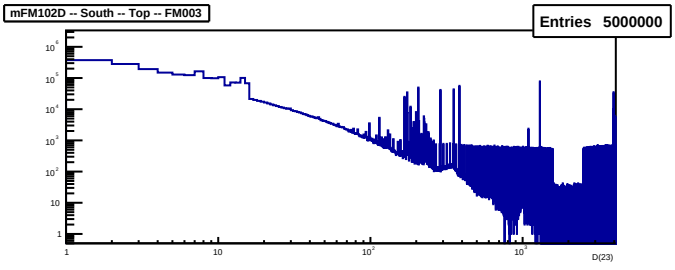
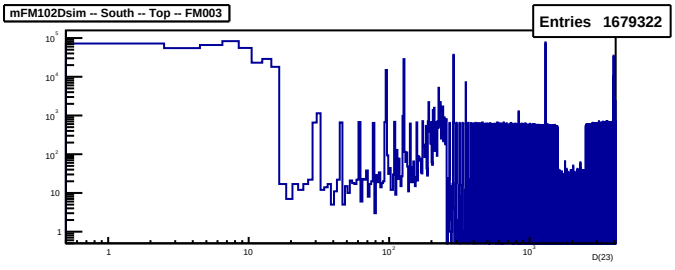
Entries 6038310
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Top -- FM003
Entries 5000000
D(23)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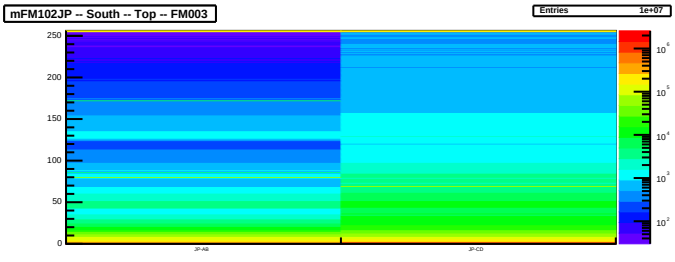
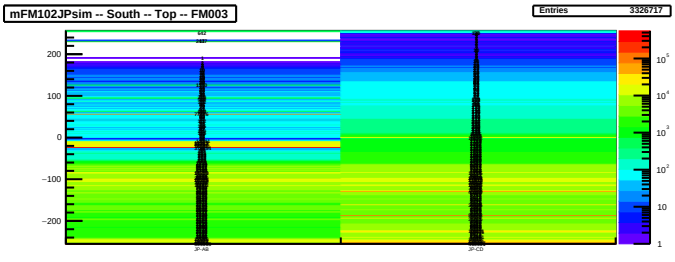
D(23)


mFM102JP -- South -- Top -- FM003
Entries 1e+07
JP-AB
JP-CD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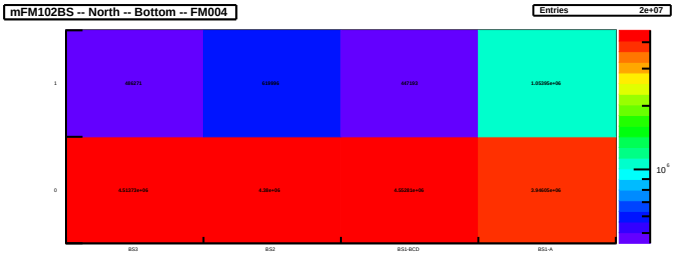
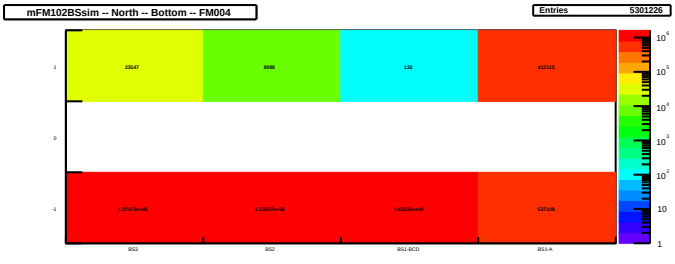
Entries 3326717
JP-AB
JP-CD


mFM102BS -- North -- Bottom -- FM004
Entries 2e+07
BS3
BS2
BS1-BCD
BS1-A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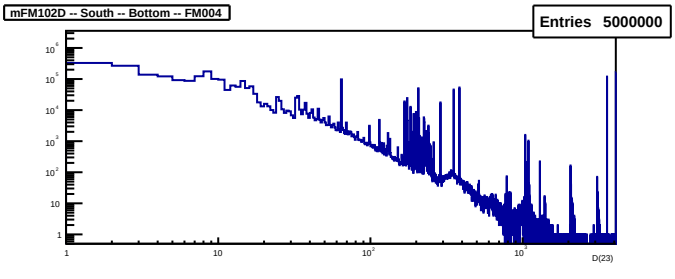
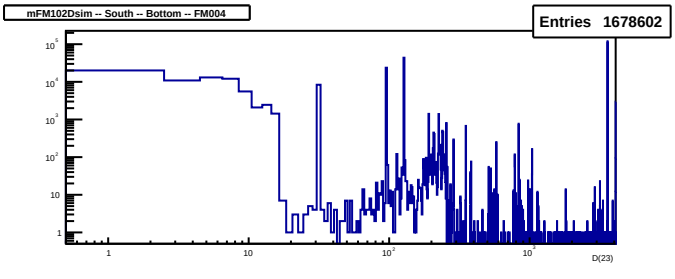
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 5000000
D(23)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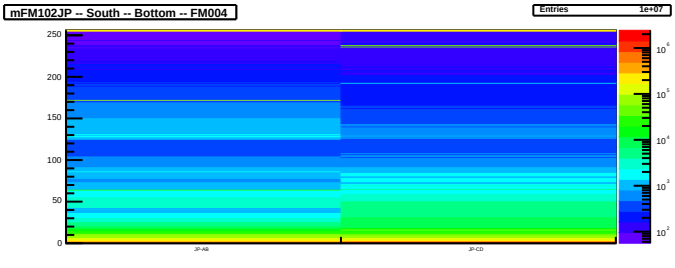
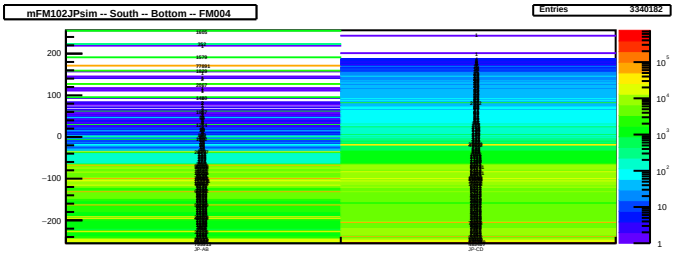
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 1e+07
JP-AB
JP-CD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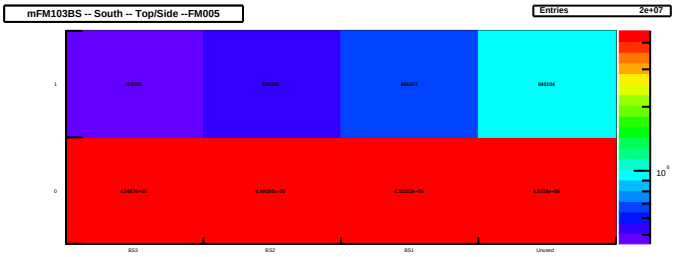
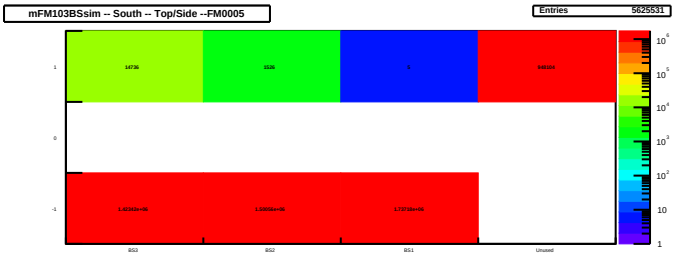
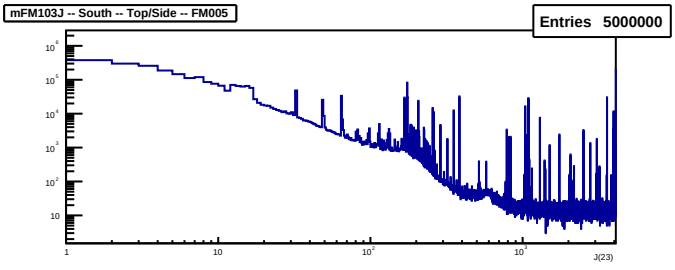
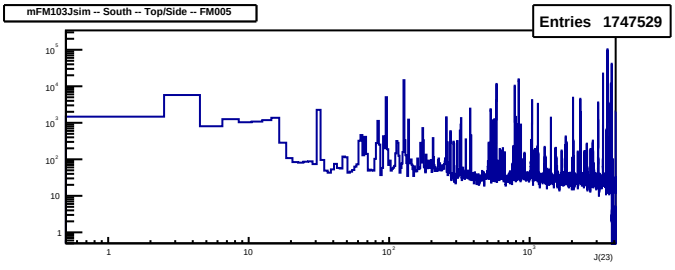
Entries 3340182
JP-AB
JP-CD


mFM103BS -- South -- Top/Side --FM005
Entries 2e+07


mFM103BSsim -- South -- Top/Side --FM0005
Entries 5625531


mFM103J -- South -- Top/Side -- FM005
Entries 5000000
J(23)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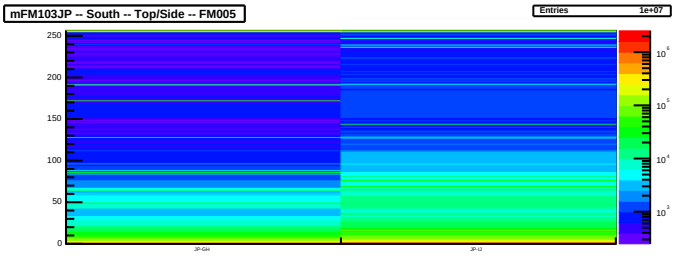
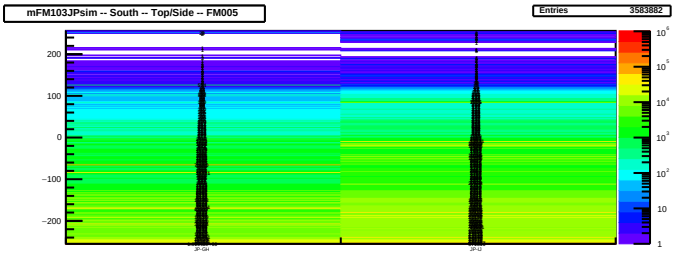
Entries 1747529
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 1e+07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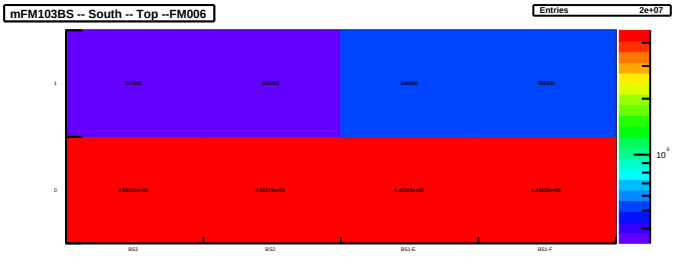
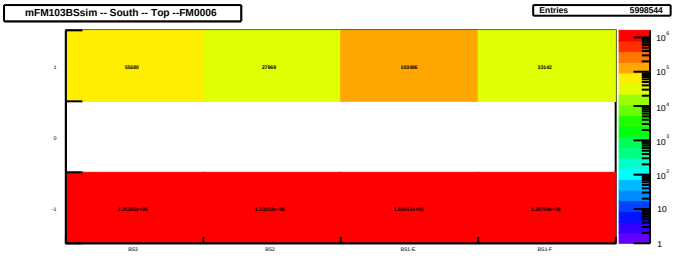
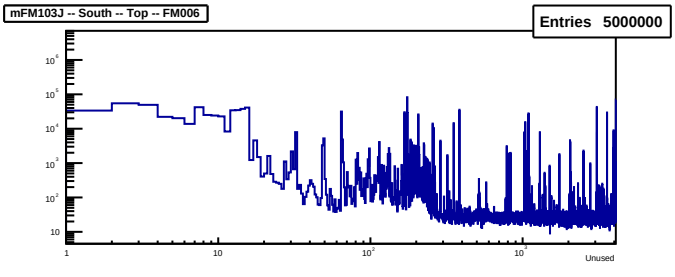
Entries 3583882


mFM103BS -- South -- Top --FM006
Entries 2e+07


mFM103BSsim -- South -- Top --FM0006
Entries 5998544


mFM103J -- South -- Top -- FM006
Entries 5000000
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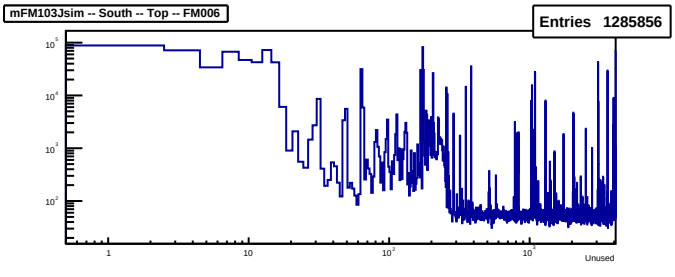
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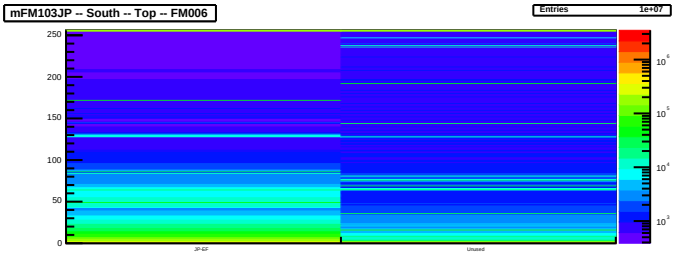
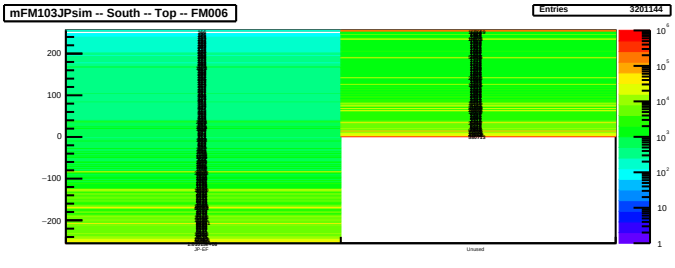
Entries 1285856
Unused


mFM103JP -- South -- Top -- FM006
Entries 1e+07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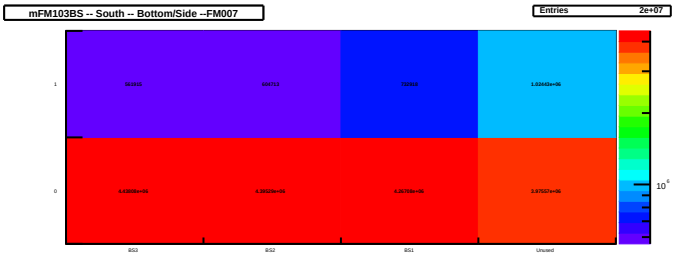
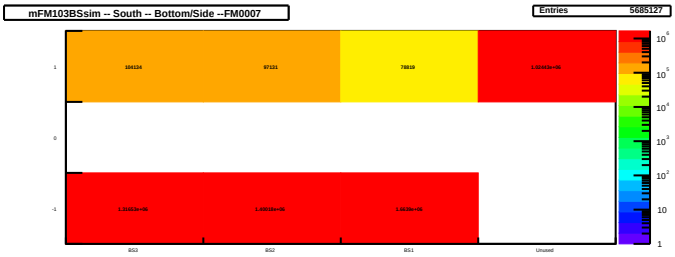

mFM103BS -- South -- Bottom/Side --FM007
Entries 2e+07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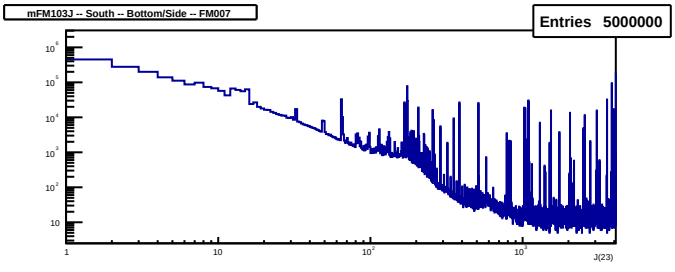
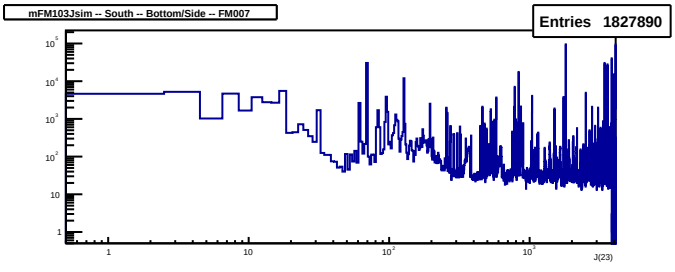
Entries 5685127


mFM103J -- South -- Bottom/Side -- FM007
Entries 5000000
J(23)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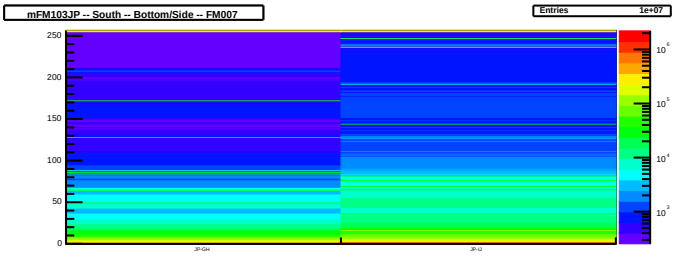
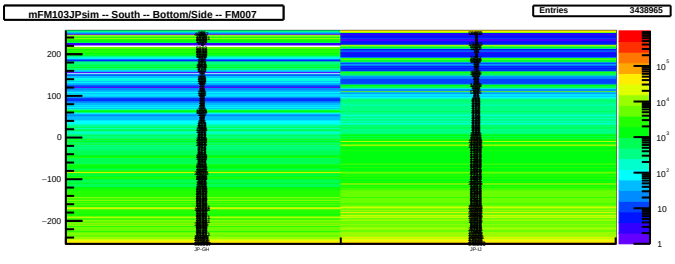
Entries 1827890
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 1e+07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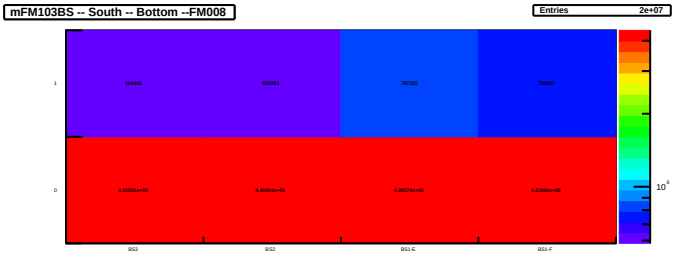
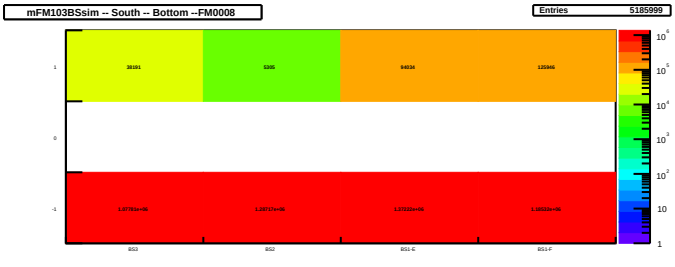
Entries 3438965


mFM103BS -- South -- Bottom --FM008
Entries 2e+07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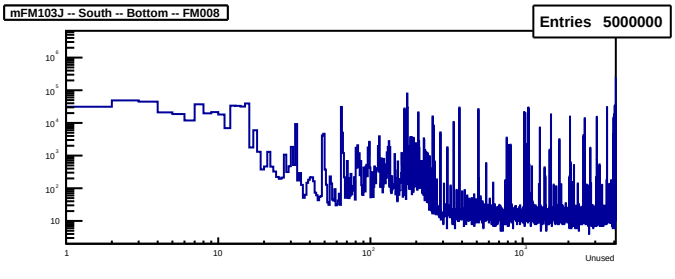
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Entries 5000000
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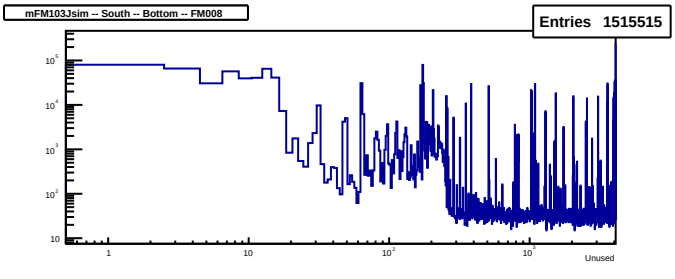
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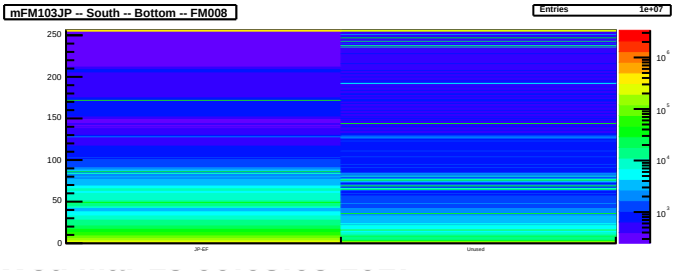
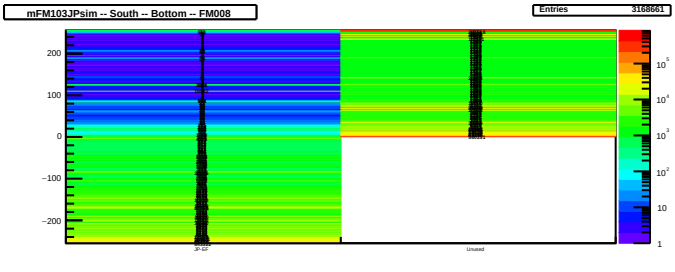
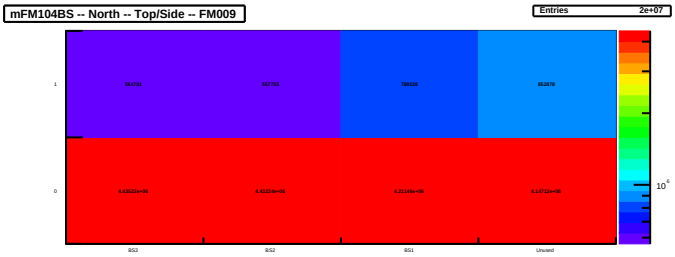
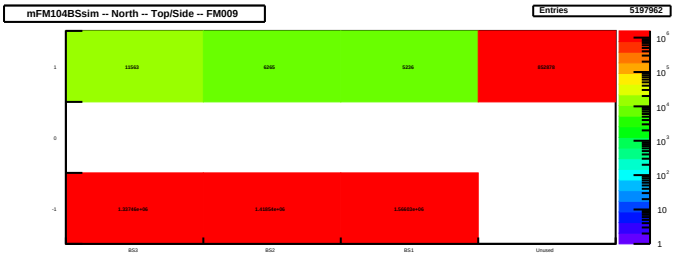
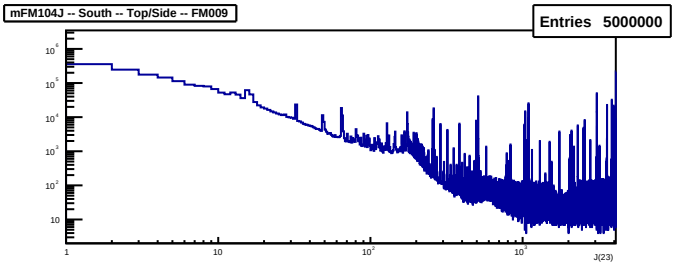
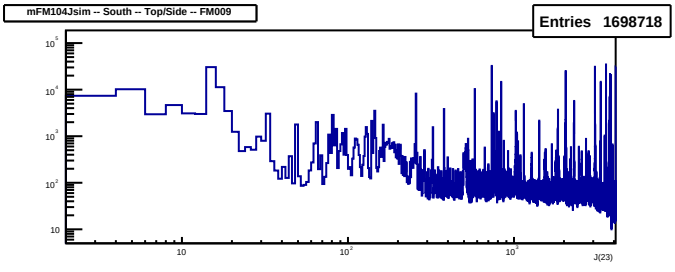

mFM103JP -- South -- Bottom -- FM008
Entries 1e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 3168661


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


mFM104BSsim -- North -- Top/Side -- FM009
Entries 5197962


mFM104J -- South -- Top/Side -- FM009
Entries 5000000
J(23)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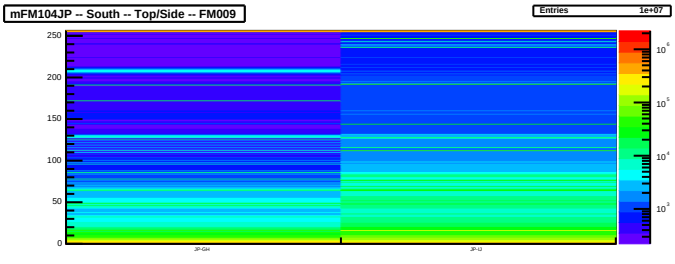
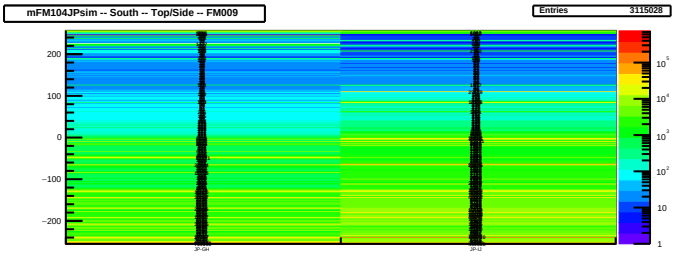
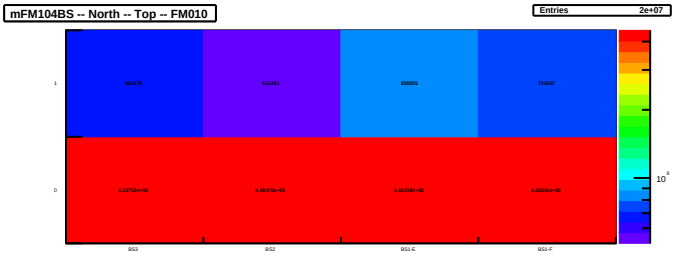
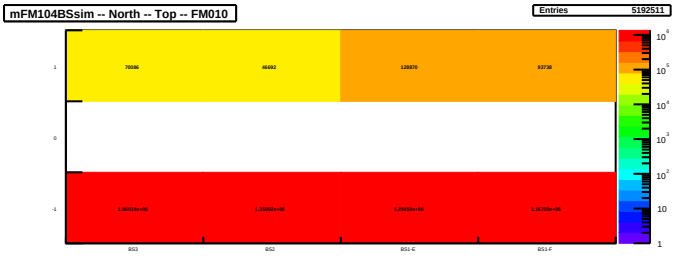
Entries 1698718
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1e+07


mFM104JPsim -- South -- Top/Side -- FM009
Entries 3115028


mFM104BS -- North -- Top -- FM010
Entries 2e+07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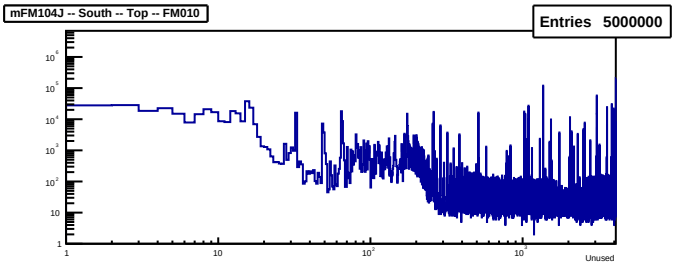
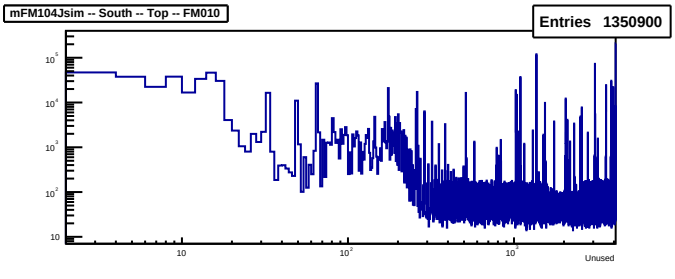
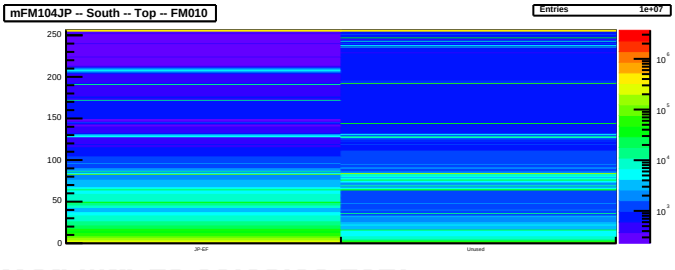
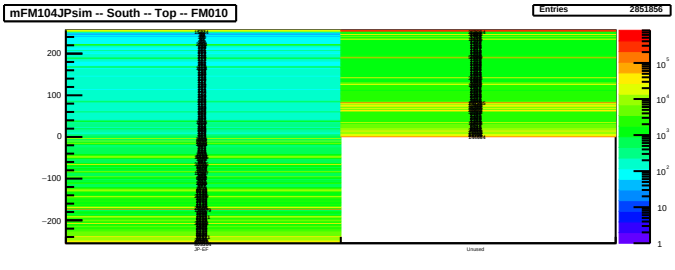
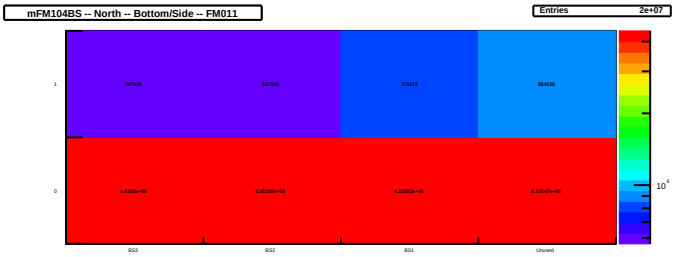
Entries 5192511

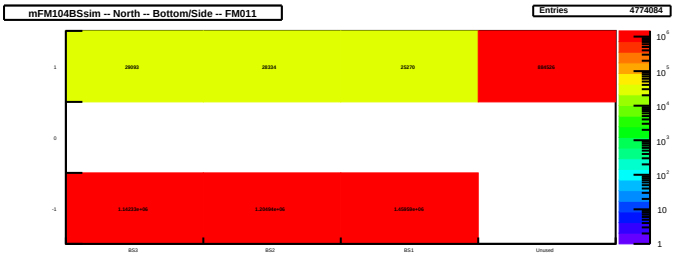

mFM104J -- South -- Top -- FM010
Entries 5000000
Unused

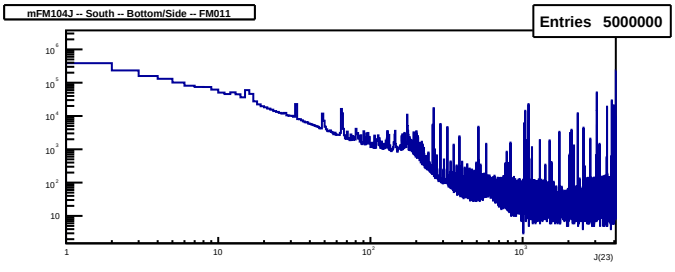

mFM104Jsim -- South -- Top -- FM010
Entries 1350900
Unused

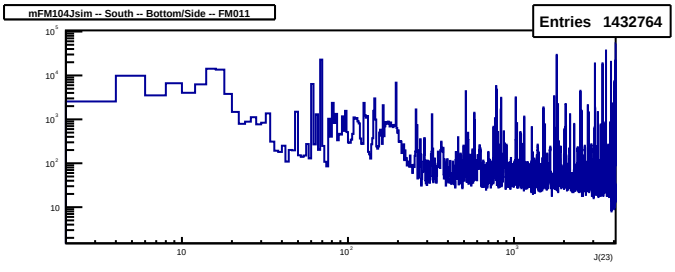

mFM104JP -- South -- Top -- FM010
Entries 1e+07

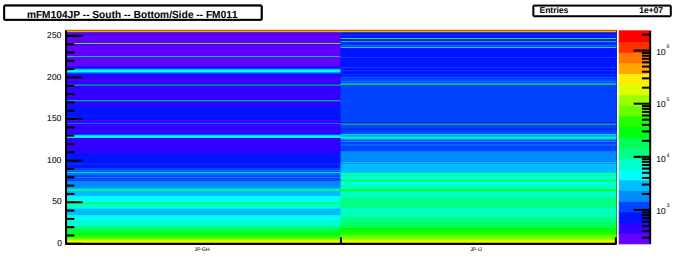

mFM104JPsim -- South -- Top -- FM010
Entries 2851856

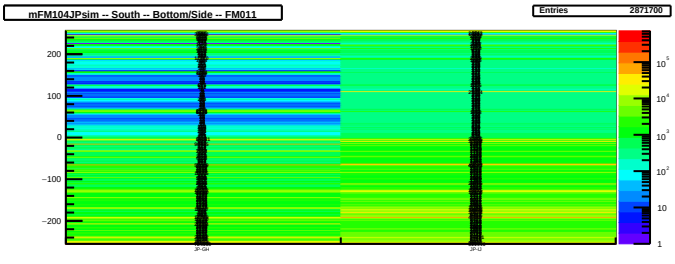

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2e+07
BS3
BS2
BS1
Unused

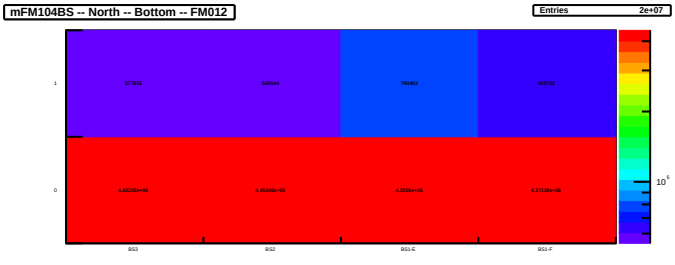

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4774084
BS3
BS2
BS1
Unused

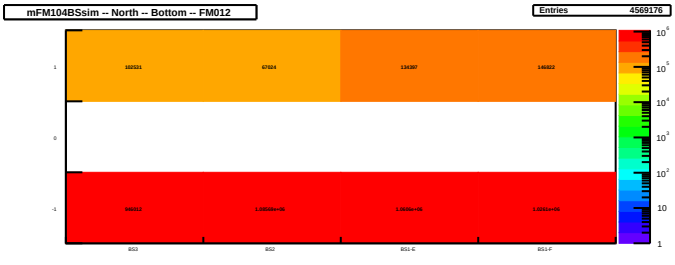

mFM104J -- South -- Bottom/Side -- FM011
Entries 5000000
J(23)

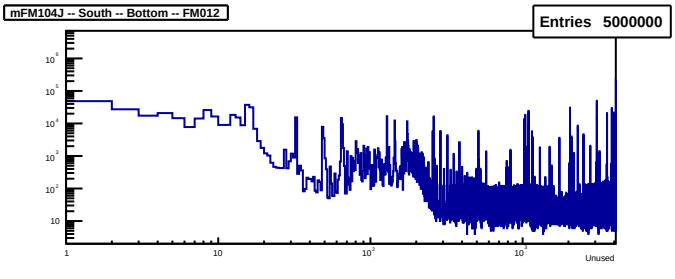

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1432764
J(23)

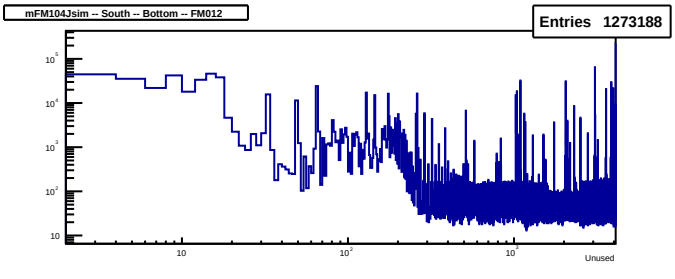

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1e+07
JP-GH
JP-IJ

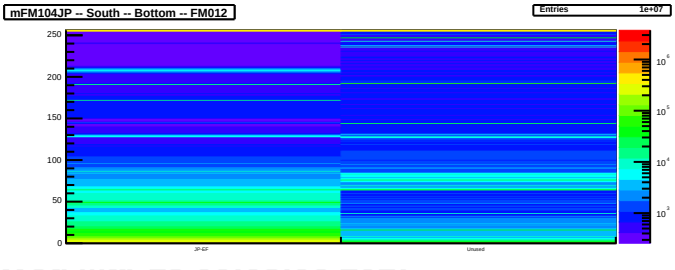

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2871700
JP-GH
JP-IJ

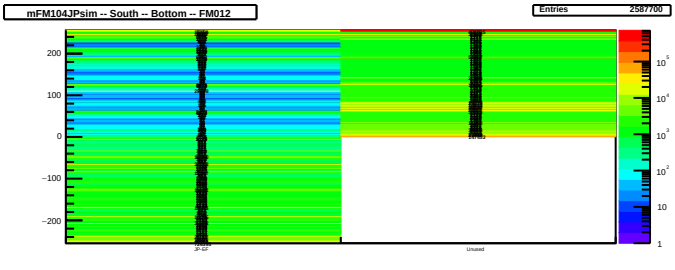

mFM104BS -- North -- Bottom -- FM012
Entries 2e+07
BS3
BS2
BS1-E
BS1-F

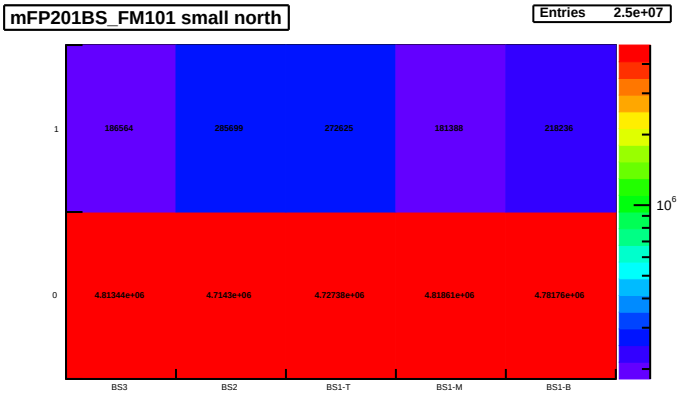

mFM104BSsim -- North -- Bottom -- FM012
Entries 4569176
BS3
BS2
BS1-E
BS1-F

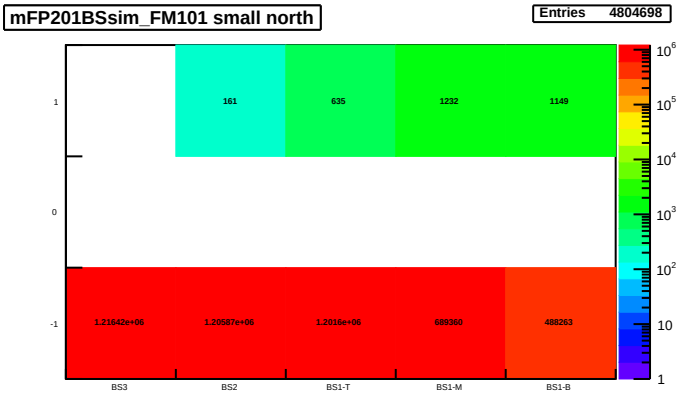

mFM104J -- South -- Bottom -- FM012
Entries 5000000
Unused

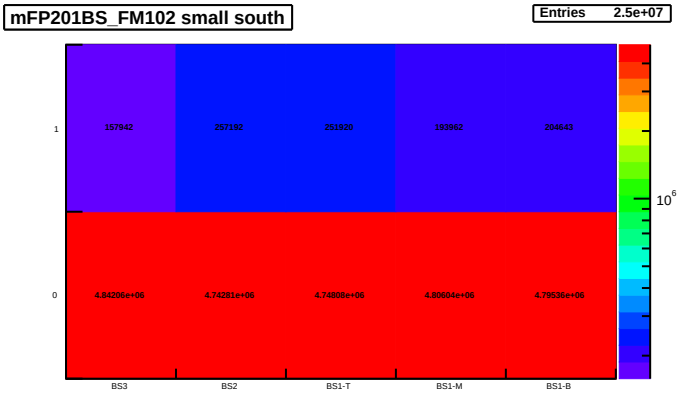

mFM104Jsim -- South -- Bottom -- FM012
Entries 1273188
Unused

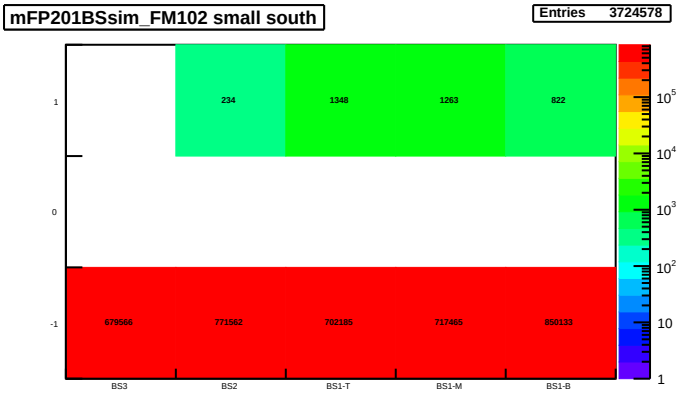

mFM104JP -- South -- Bottom -- FM012
Entries 1e+07
JP-EF
Unused

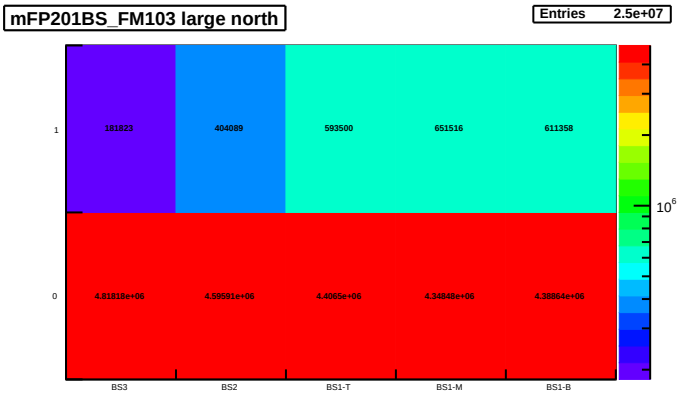

mFM104JPsim -- South -- Bottom -- FM012
Entries 2587700
JP-EF
Unused

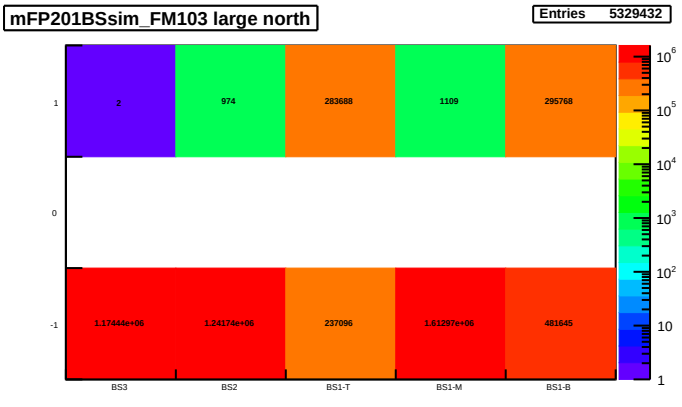

mFP201BS_FM101 small north
Entries 2.5e+07
1
0
186564
285699
272625
181388
218236
4.81344e+06
4.7143e+06
4.72738e+06
4.81861e+06
4.78176e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

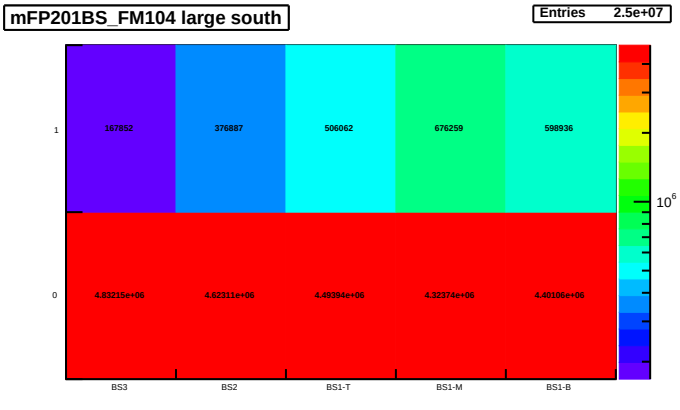

mFP201BSsim_FM101 small north
Entries 4804698
1
0
-1
161
635
1232
1149
1.21642e+06
1.20587e+06
1.2016e+06
689360
488263
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

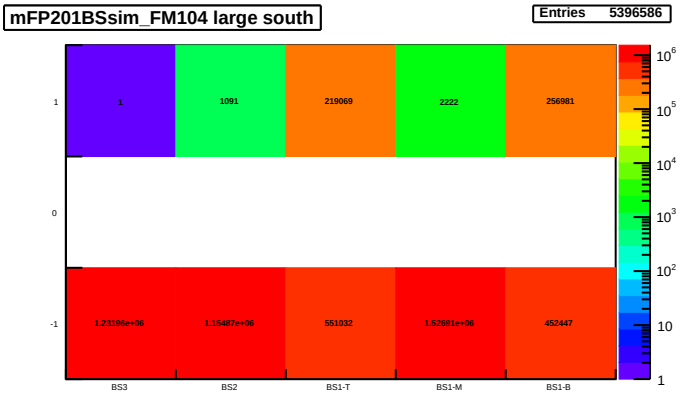

mFP201BS_FM102 small south
Entries 2.5e+07
1
0
157942
257192
251920
193962
204643
4.84206e+06
4.74281e+06
4.74808e+06
4.80604e+06
4.79536e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

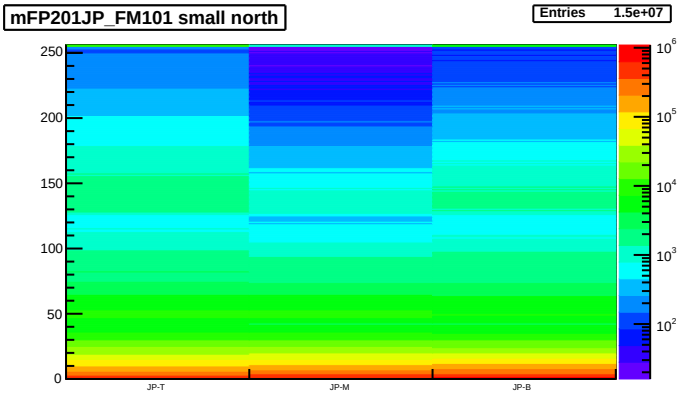

mFP201BSsim_FM102 small south
Entries 3724578
1
0
-1
234
1348
1263
822
679566
771562
702185
717465
850133
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

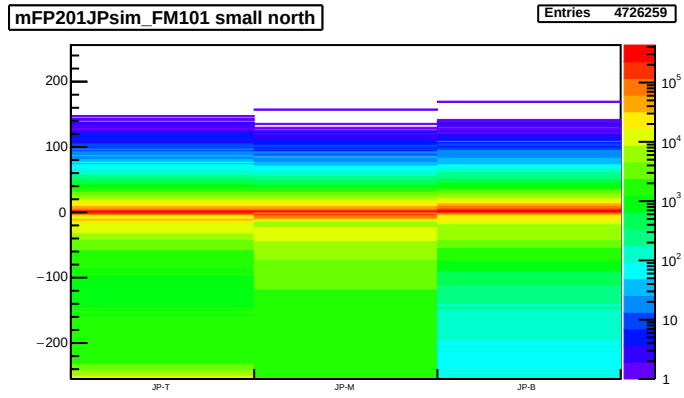

mFP201BS_FM103 large north
Entries 2.5e+07
1
0
181823
404089
593500
651516
611358
4.81818e+06
4.59591e+06
4.4065e+06
4.34848e+06
4.38864e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

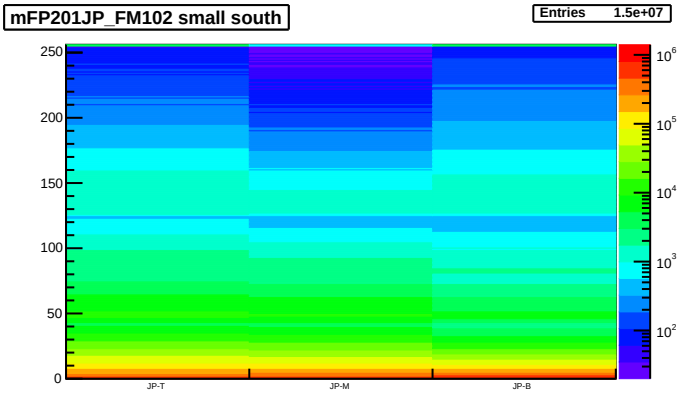

mFP201BSsim_FM103 large north
Entries 5329432
1
0
-1
2
974
283688
1109
295768
1.17444e+06
1.24174e+06
237096
1.61297e+06
481645
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

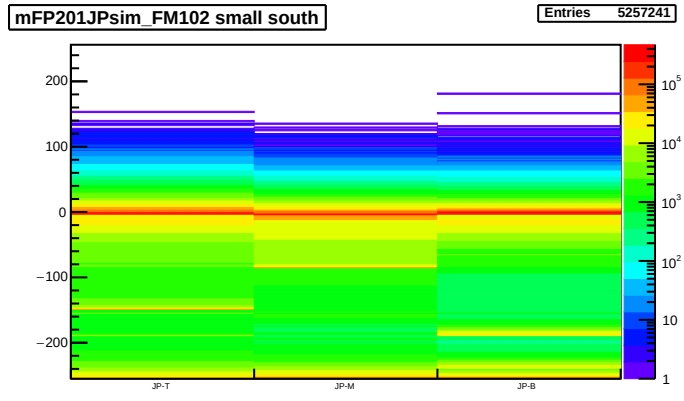

mFP201BS_FM104 large south
Entries 2.5e+07
1
0
167852
376887
506062
676259
598936
4.83215e+06
4.62311e+06
4.49394e+06
4.32374e+06
4.40106e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

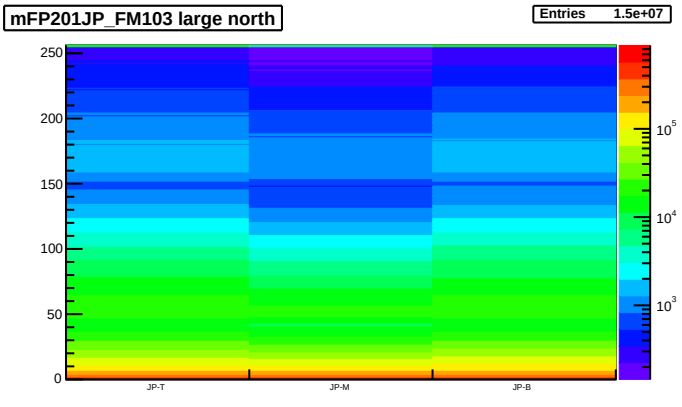

mFP201BSsim_FM104 large south
Entries 5396586
1
0
-1
1
1091
219069
2222
256981
1.23196e+06
1.15487e+06
551032
1.52691e+06
452447
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

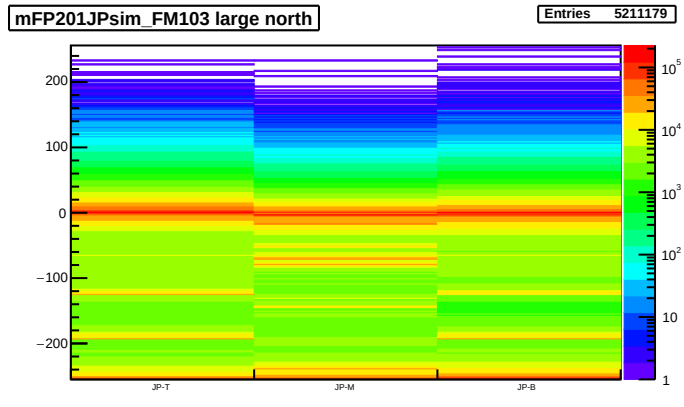

mFP201JP_FM101 small north
Entries 1.5e+07
JP-T
JP-M
JP-B

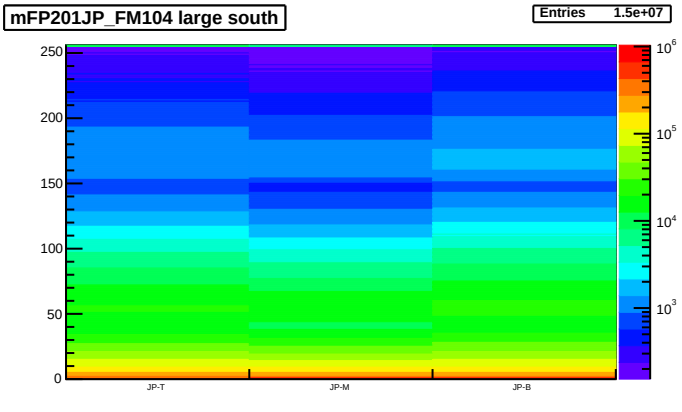

mFP201JPsim_FM101 small north
Entries 4726259
JP-T
JP-M
JP-B

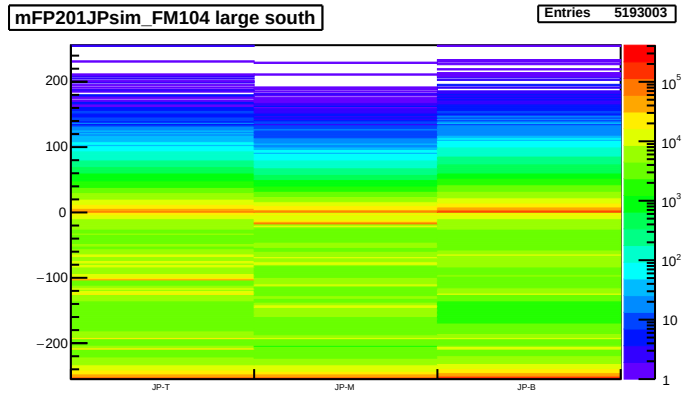

mFP201JP_FM102 small south
Entries 1.5e+07
JP-T
JP-M
JP-B

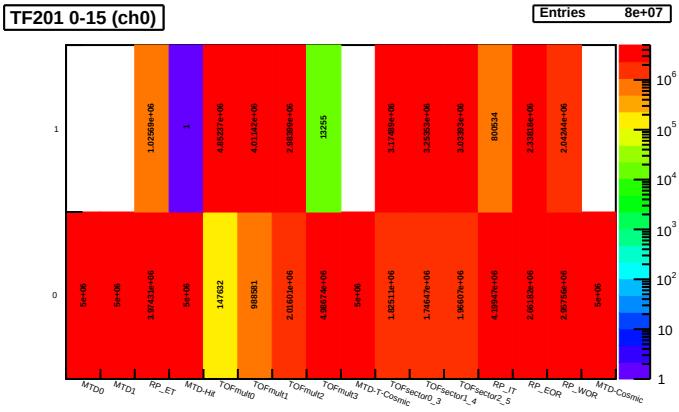

mFP201JPsim_FM102 small south
Entries 5257241
JP-T
JP-M
JP-B

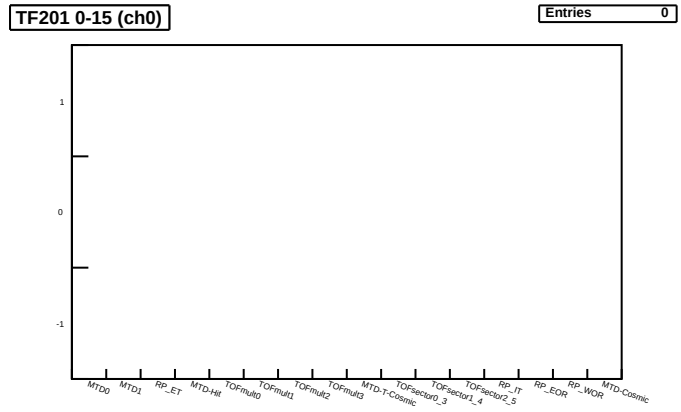

mFP201JP_FM103 large north
Entries 1.5e+07
JP-T
JP-M
JP-B

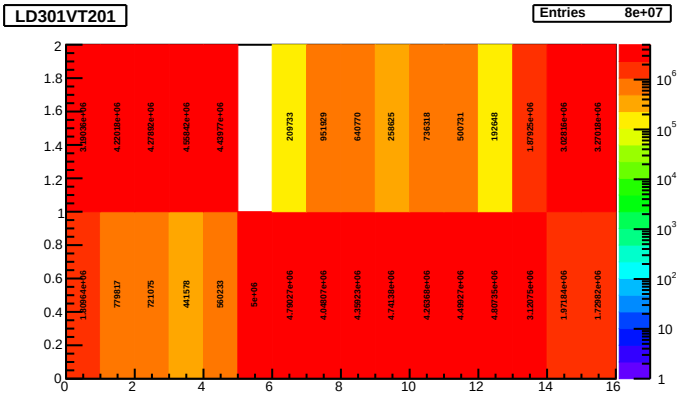

mFP201JPsim_FM103 large north
Entries 5211179
JP-T
JP-M
JP-B

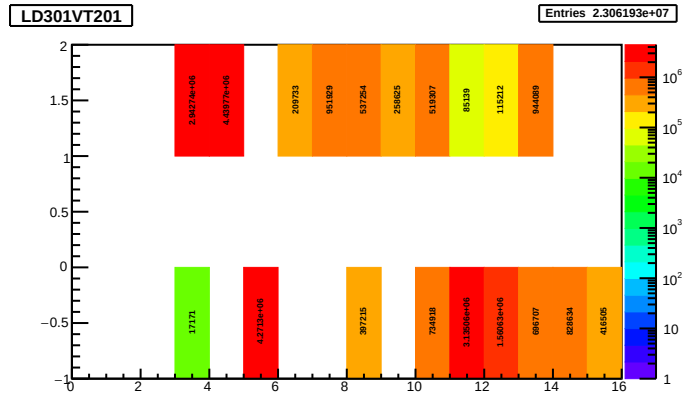

mFP201JP_FM104 large south
Entries 1.5e+07
JP-T
JP-M
JP-B

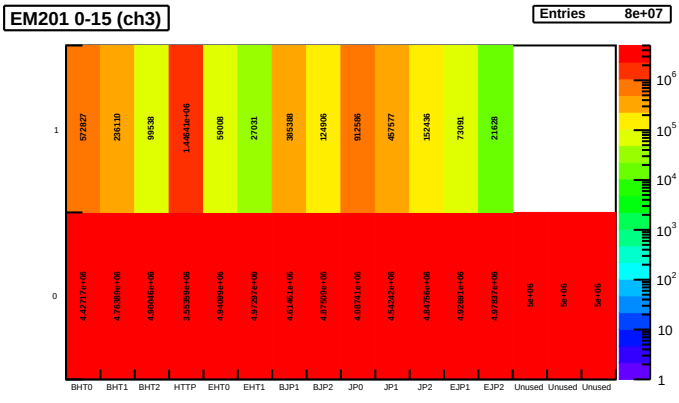

mFP201JPsim_FM104 large south
Entries 5193003
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 8e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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


LD301VT201
Entries 8e+07


LD301VT201
Entries 2.306193e+07


EM201 0-15 (ch3)
Entries 8e+07
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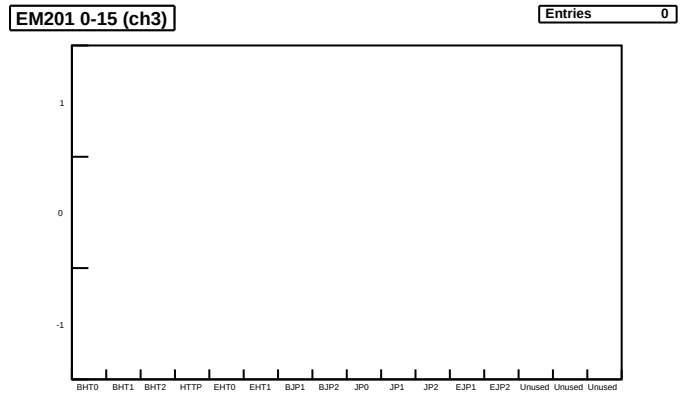
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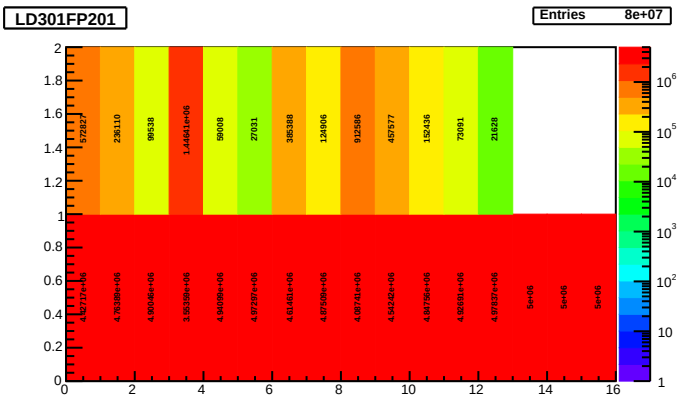
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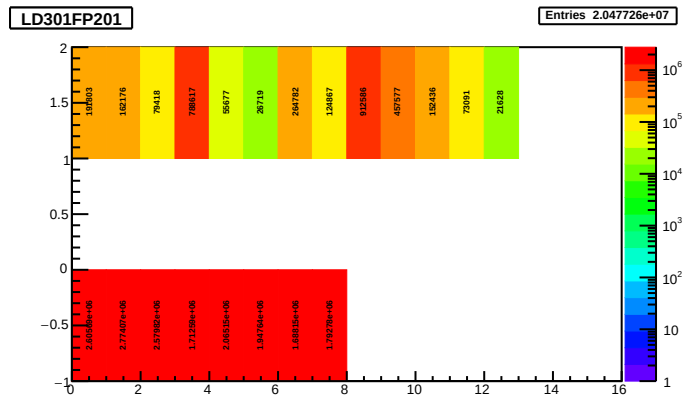
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