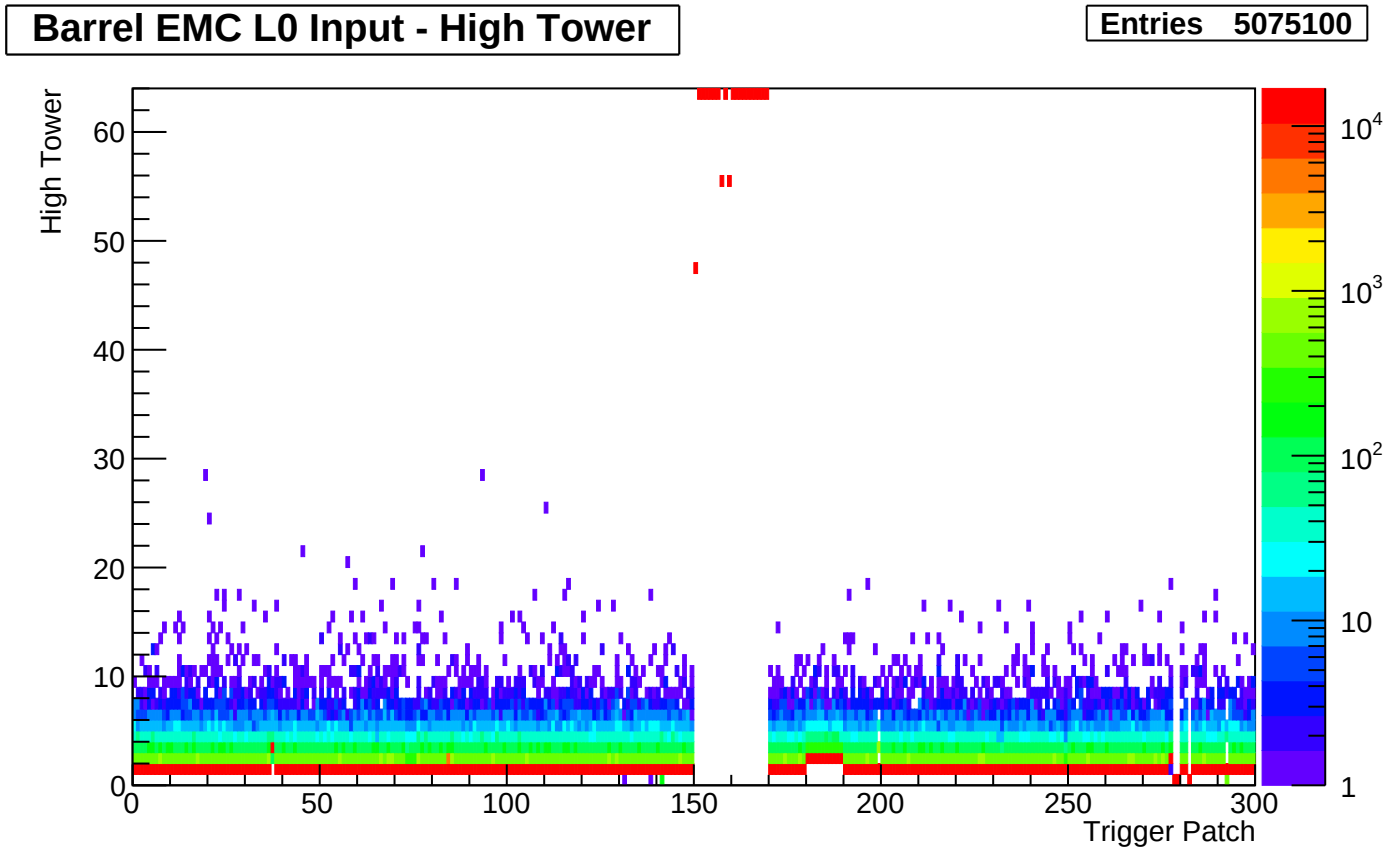
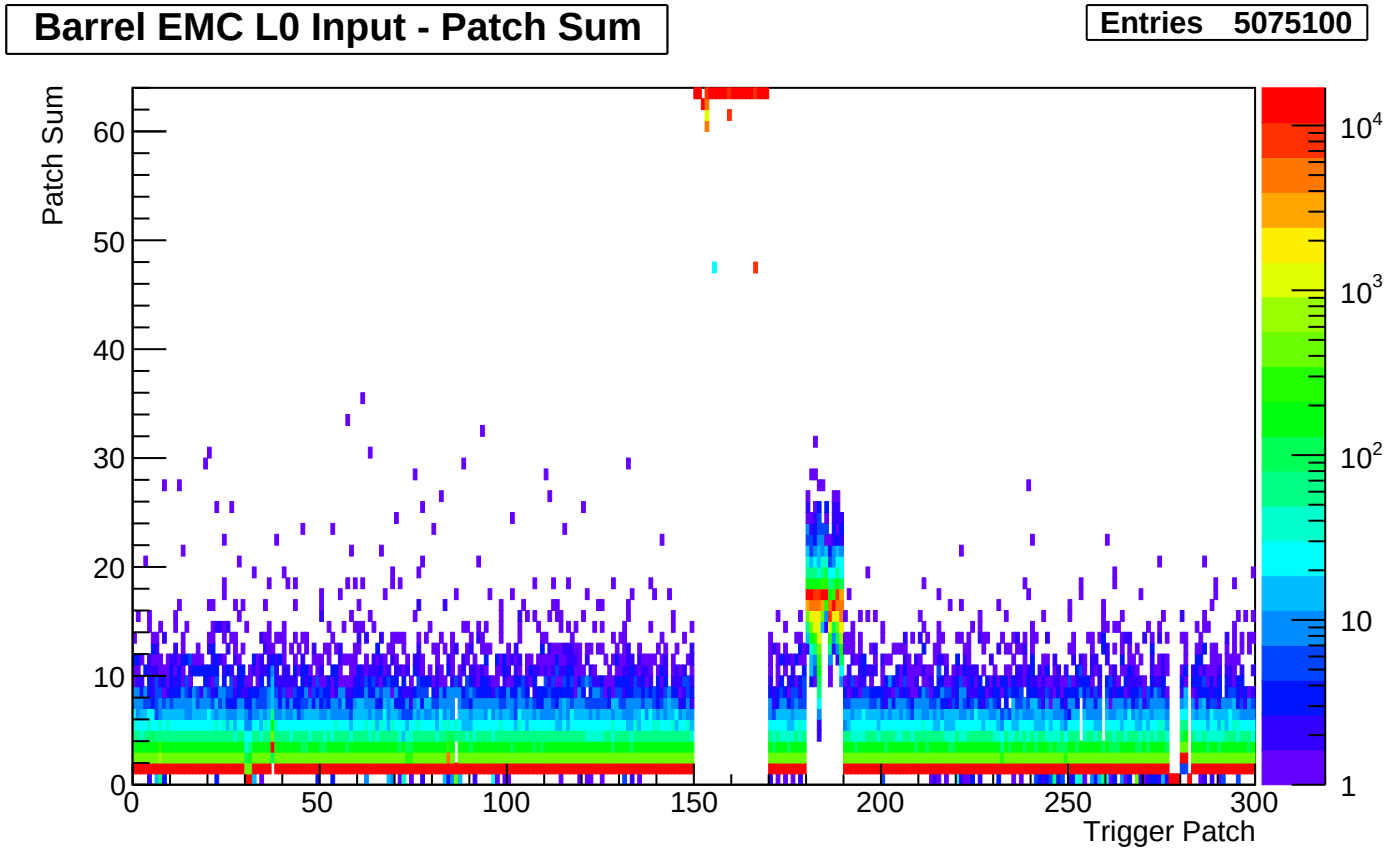
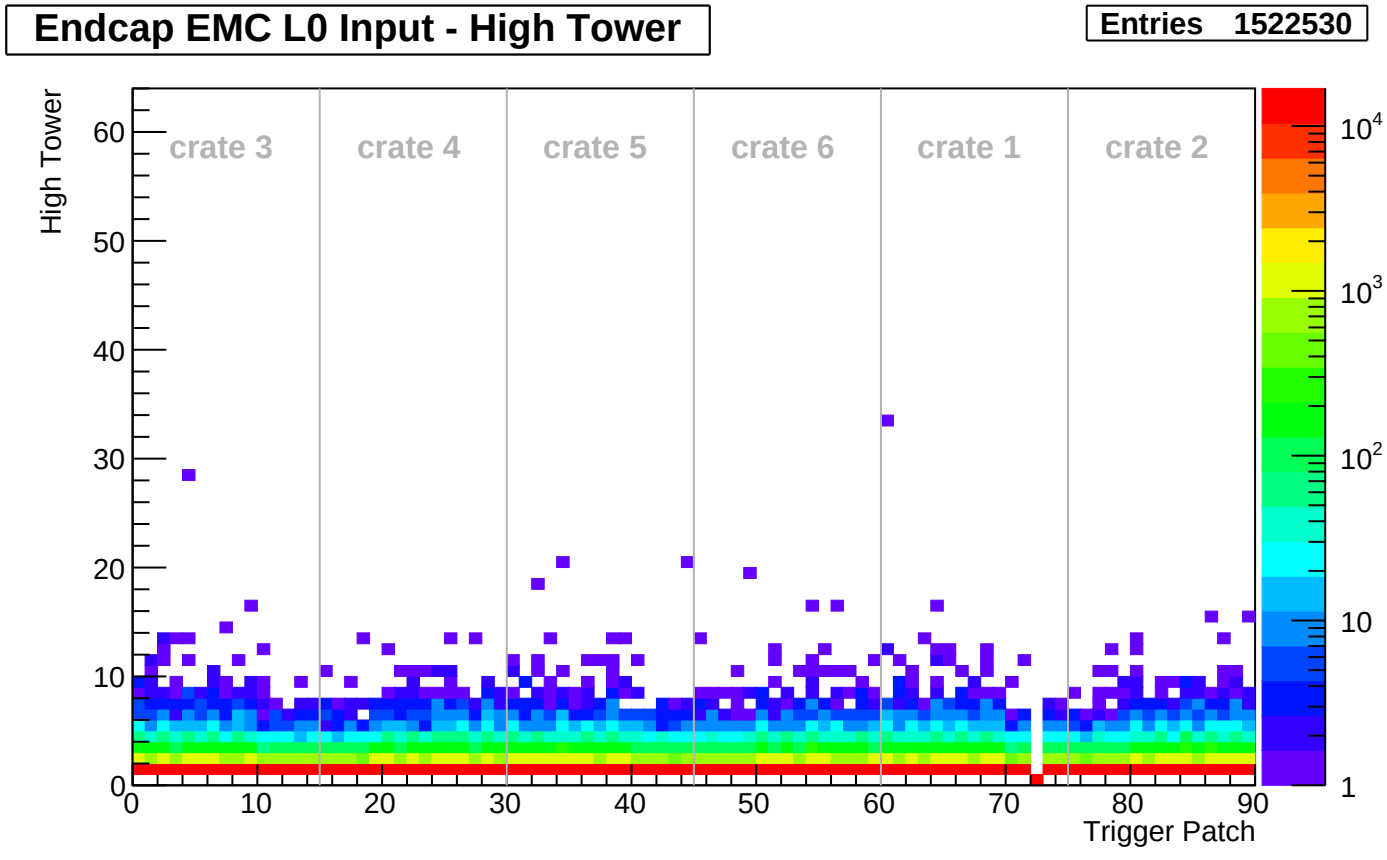
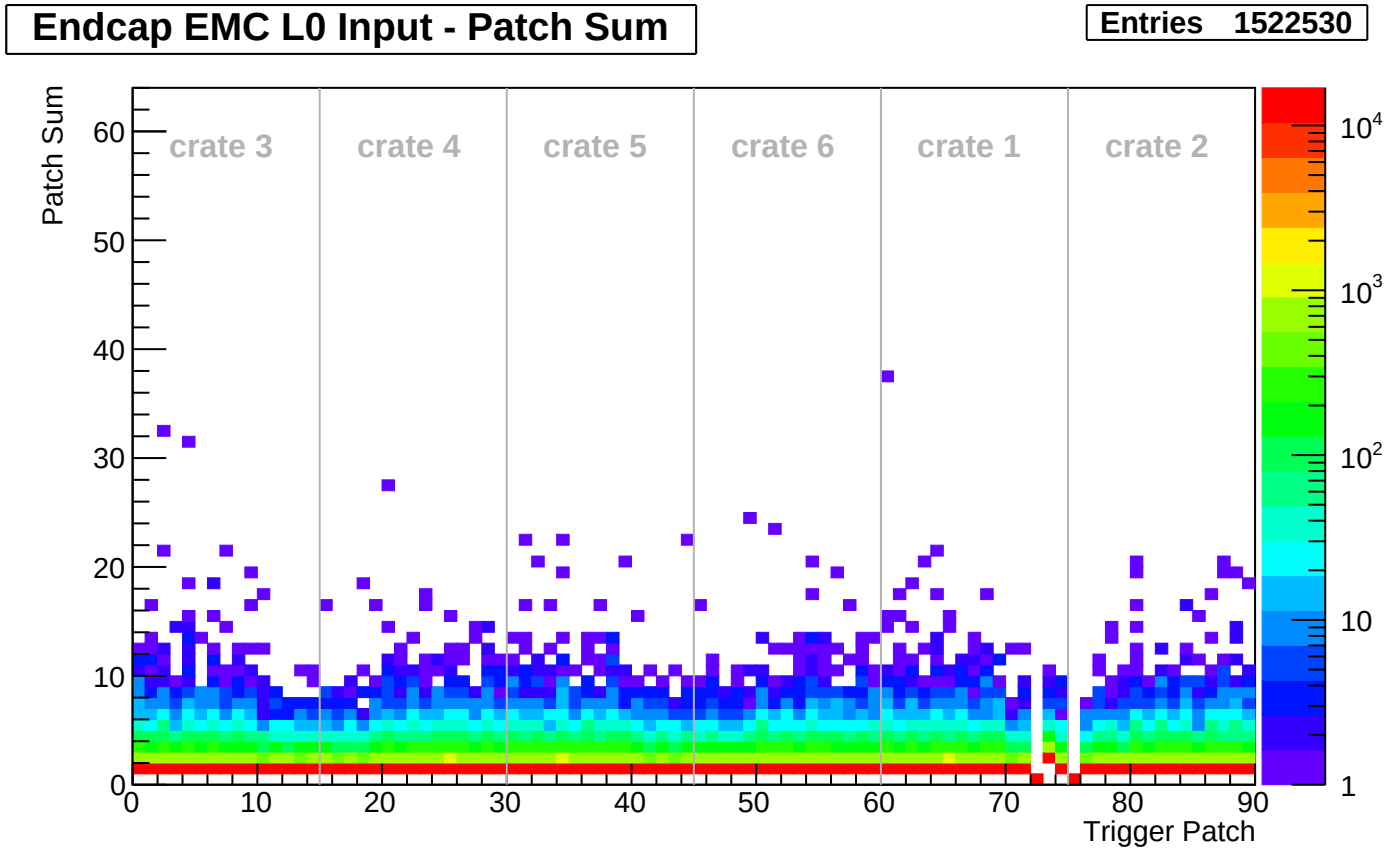
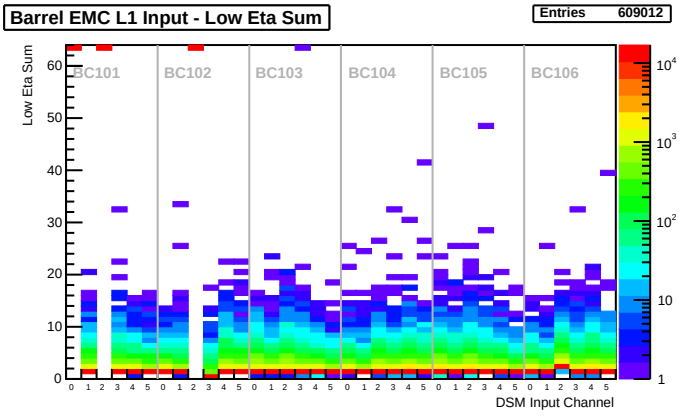
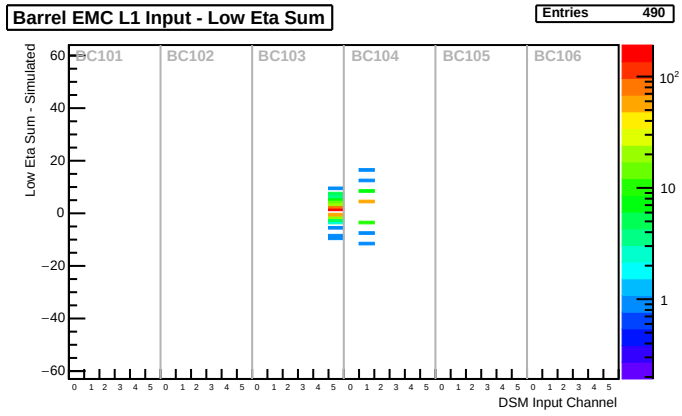

Barrel EMC L0 Input - High Tower
Entries 5075100
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

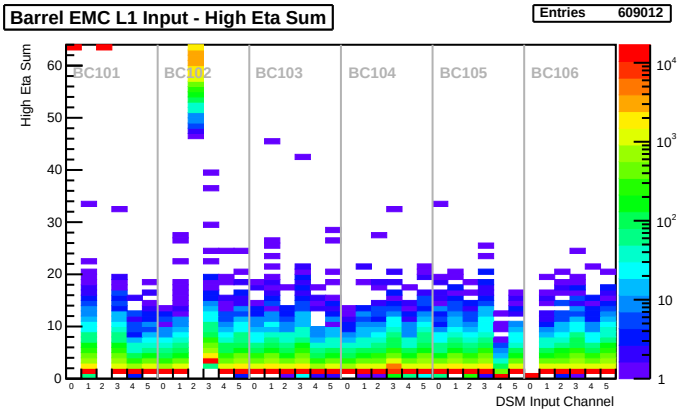

Barrel EMC L0 Input - Patch Sum
Entries 5075100
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

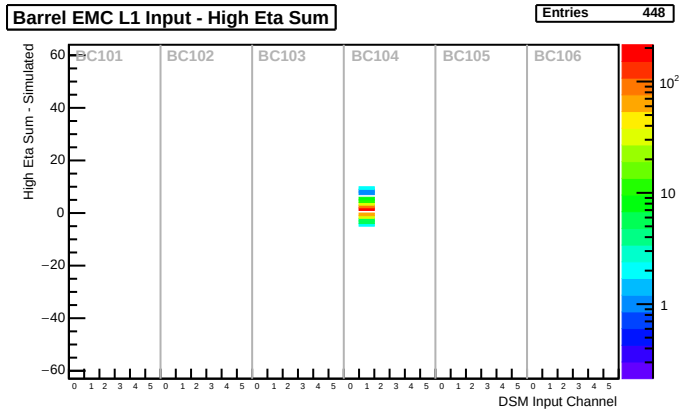

Endcap EMC L0 Input - High Tower
Entries 1522530
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3
10^4

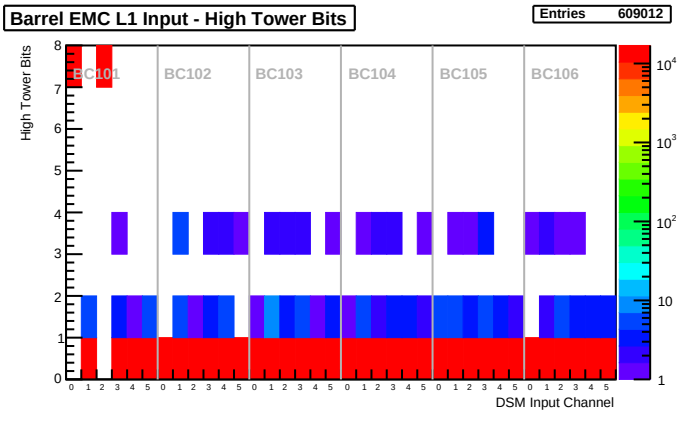

Endcap EMC L0 Input - Patch Sum
Entries 1522530
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3
10^4

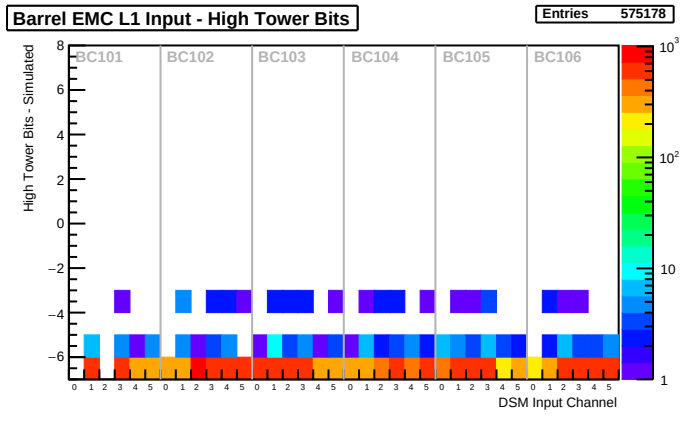

Barrel EMC L1 Input - Low Eta Sum
Entries 609012
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

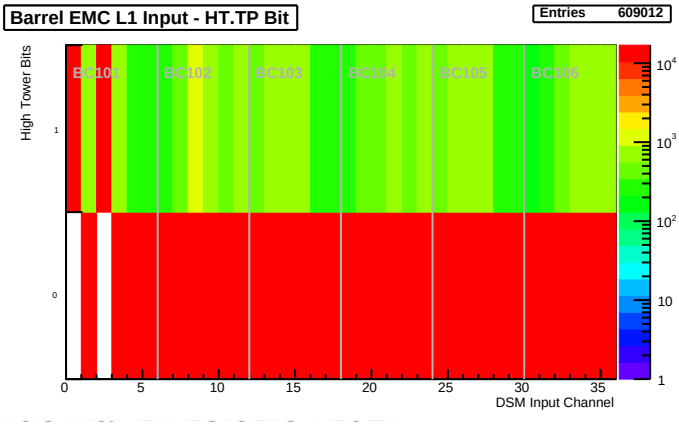

Barrel EMC L1 Input - Low Eta Sum
Entries 490
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

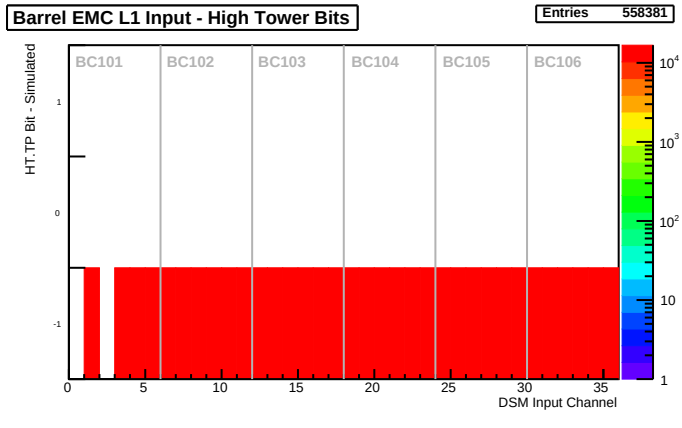

Barrel EMC L1 Input - High Eta Sum
Entries 609012
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

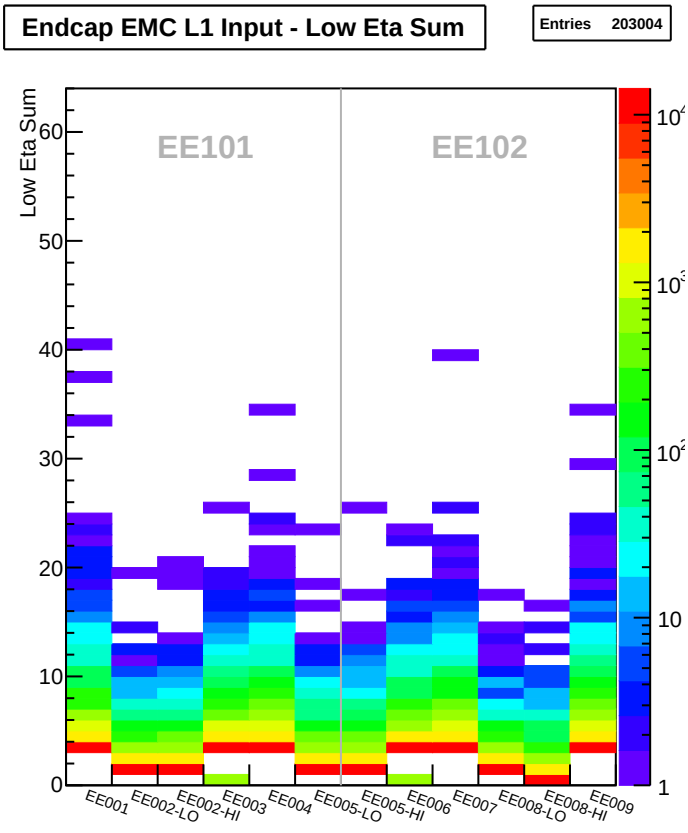

Barrel EMC L1 Input - High Eta Sum
Entries 448
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

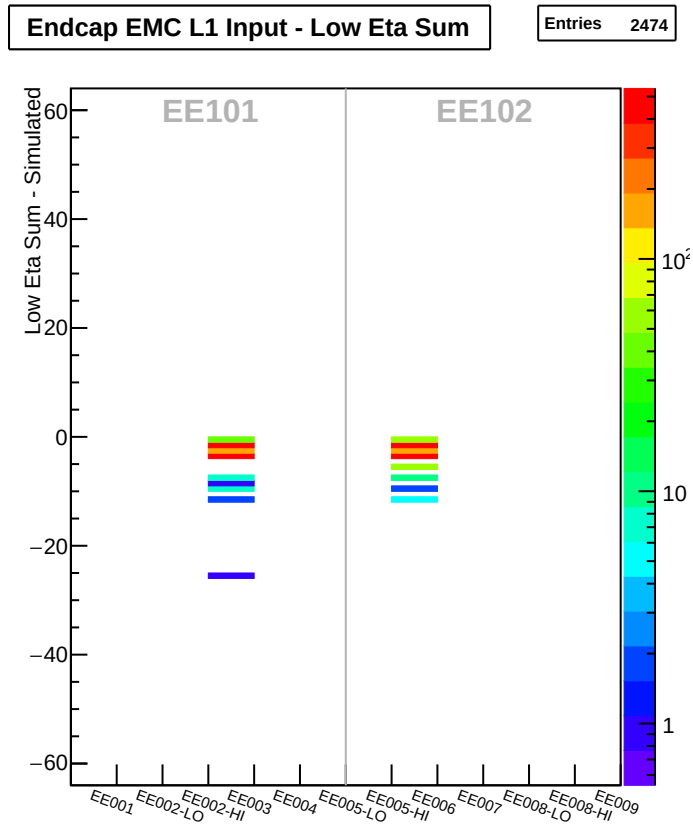

Barrel EMC L1 Input - High Tower Bits
Entries 609012
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

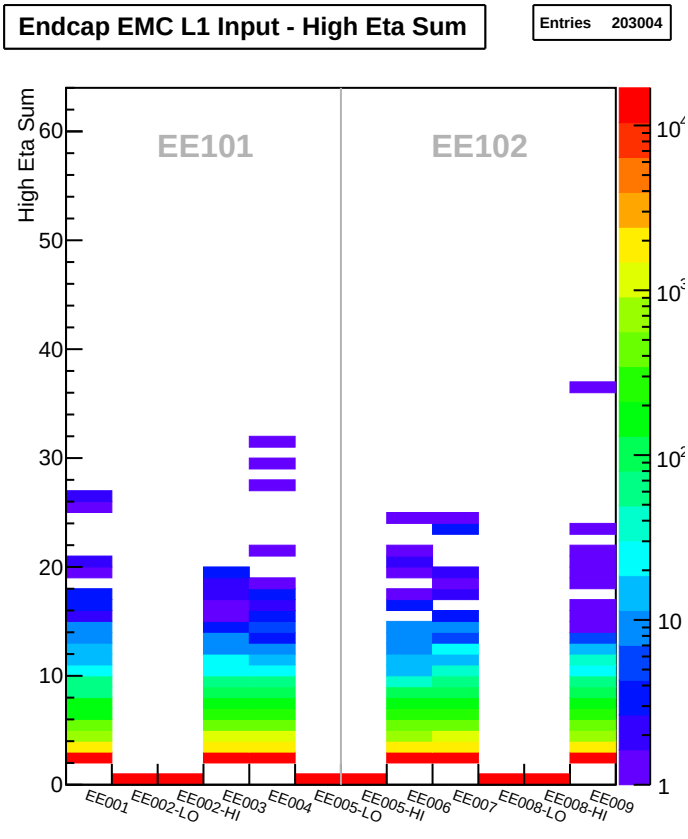

Barrel EMC L1 Input - High Tower Bits
Entries 575178
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

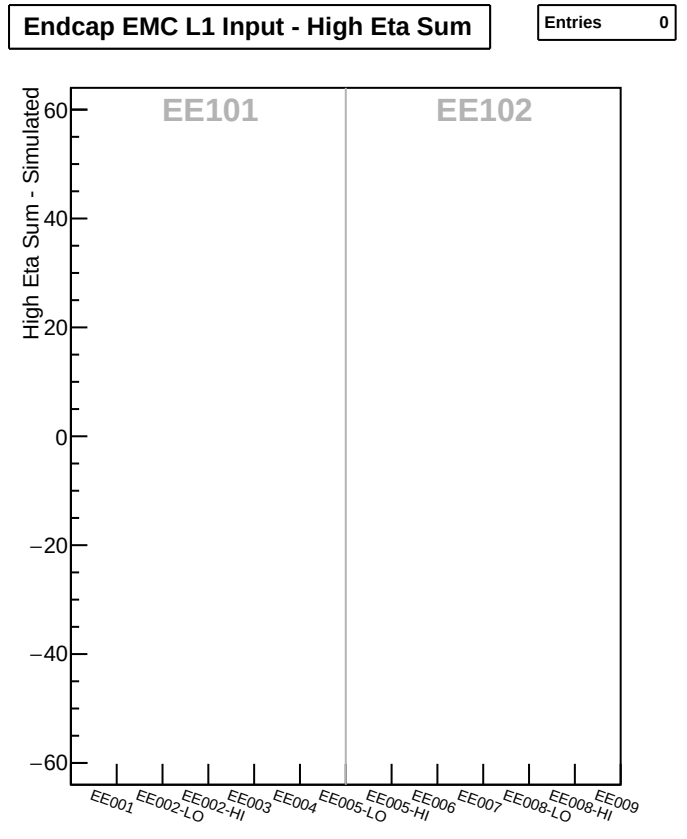

Barrel EMC L1 Input - HT.TP Bit
Entries 609012
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

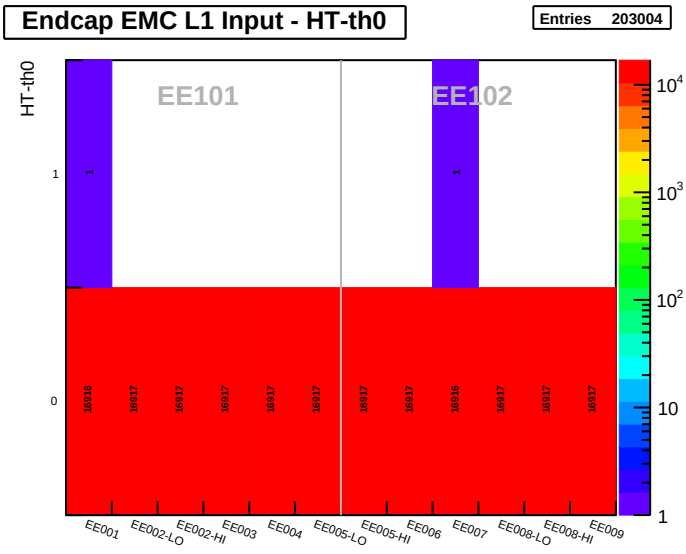

Barrel EMC L1 Input - High Tower Bits
Entries 558381
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

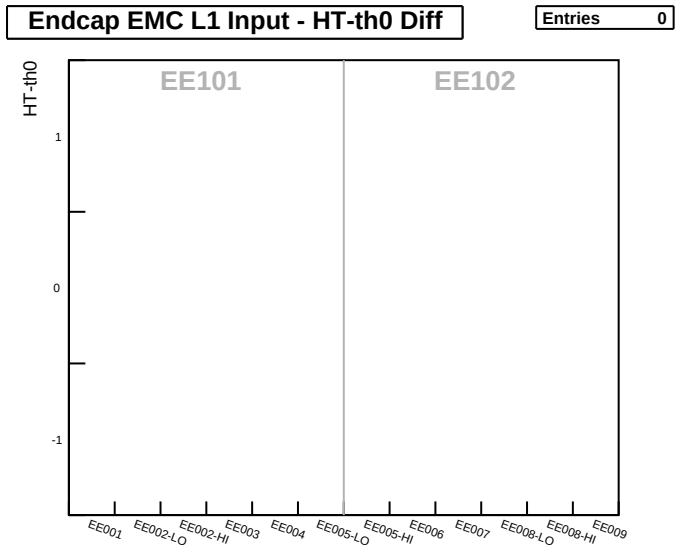

Endcap EMC L1 Input - Low Eta Sum
Entries 203004
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

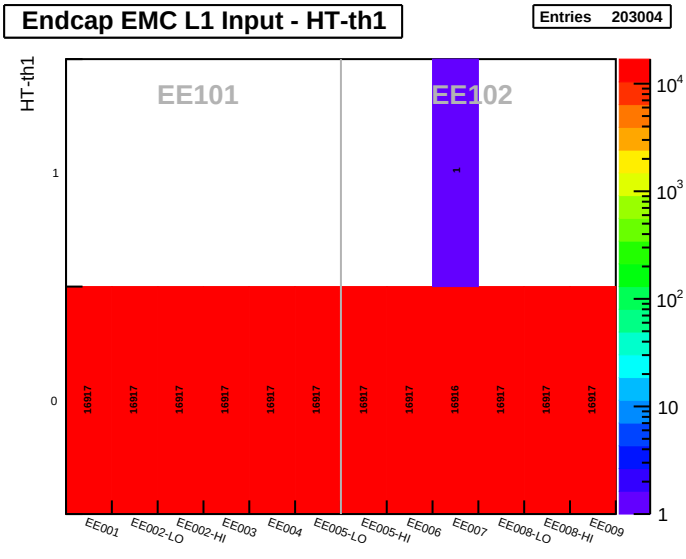

Endcap EMC L1 Input - Low Eta Sum
Entries 2474
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

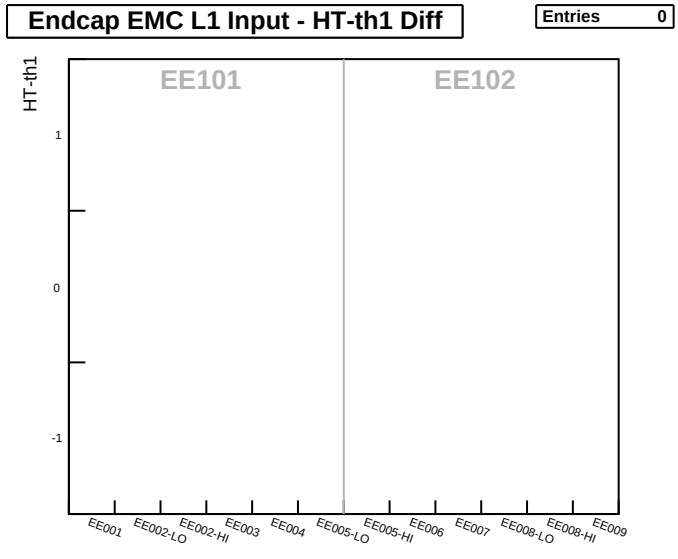

Endcap EMC L1 Input - High Eta Sum
Entries 203004
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

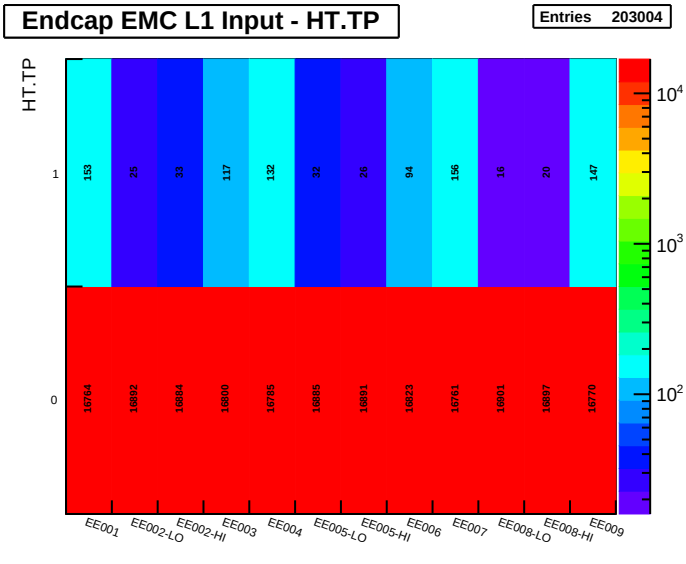

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

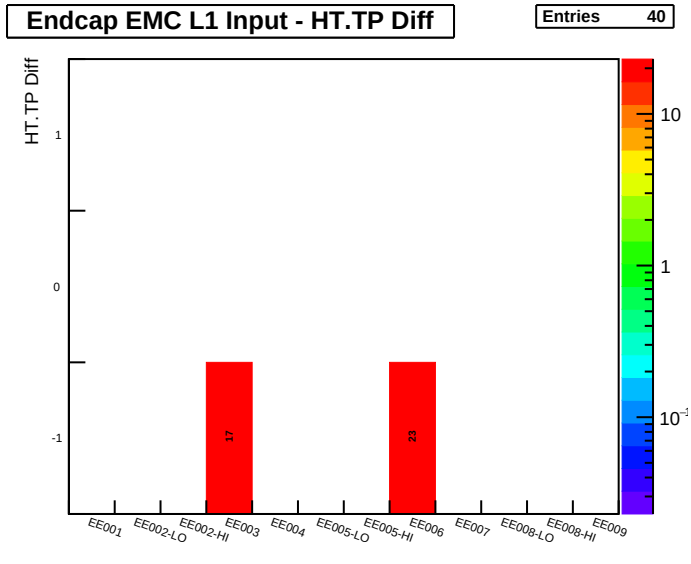

Endcap EMC L1 Input - HT-th0
Entries 203004
HT-th0
EE101
EE102
1
0
1 16916 16917 16917 16917 16917 16917 16917 16917 16916 16917 16917 16917
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^4
10^3
10^2
10
1

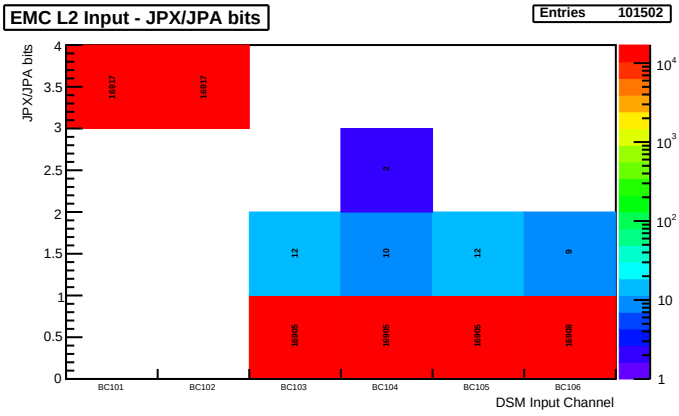

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
HT-th0
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

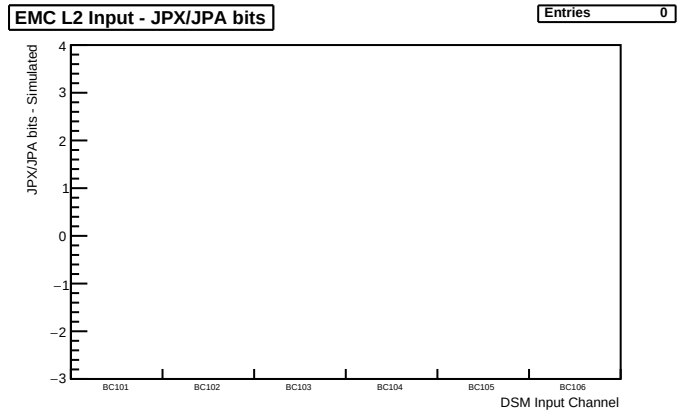

Endcap EMC L1 Input - HT-th1
Entries 203004
HT-th1
EE101
EE102
1
0
1 16917 16917 16917 16917 16917 16917 16917 16917 16916 16917 16917 16917
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^4
10^3
10^2
10
1

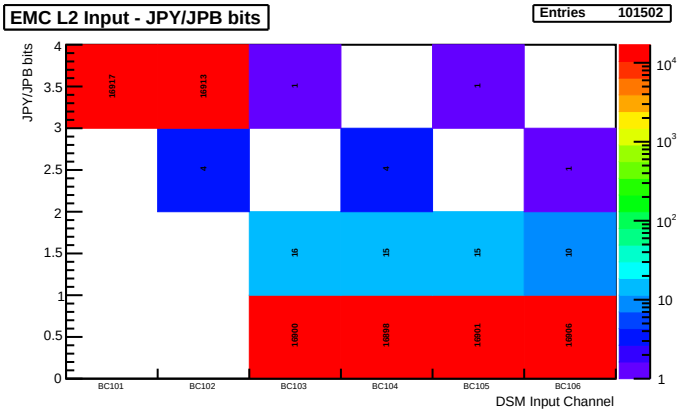

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

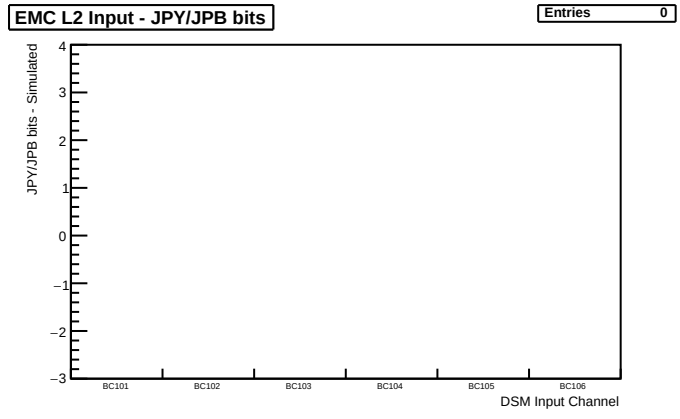

Endcap EMC L1 Input - HT.TP
Entries 203004
HT.TP
1 153 25 33 117 132 32 26 94 156 16 20 147
0 16764 16892 16884 16800 16785 16885 16891 16823 16761 16801 16897 16770
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^4
10^3
10^2

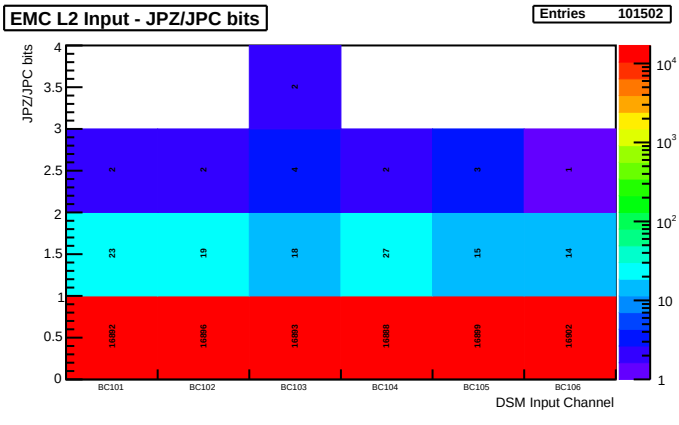

Endcap EMC L1 Input - HT.TP Diff
Entries 40
HT.TP Diff
1
0
-1
17
23
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10
1
10^{-1}

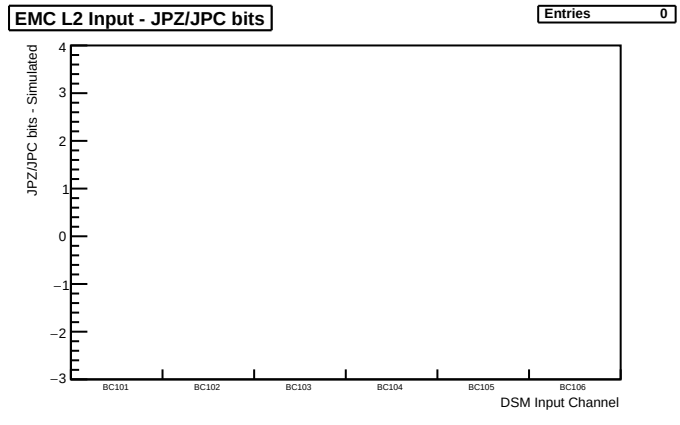

EMC L2 Input - JPX/JPA bits
Entries 101502
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

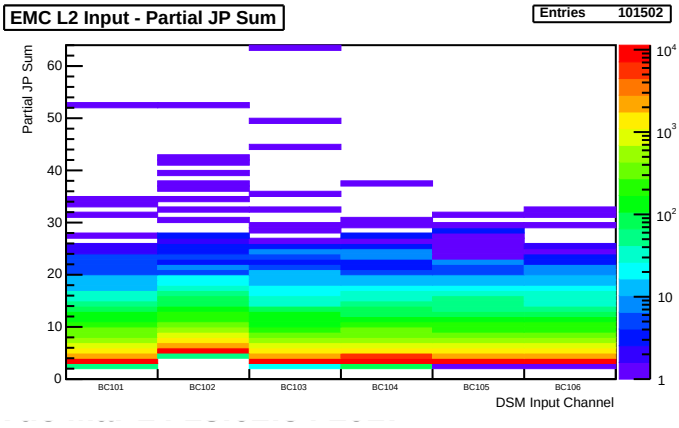

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

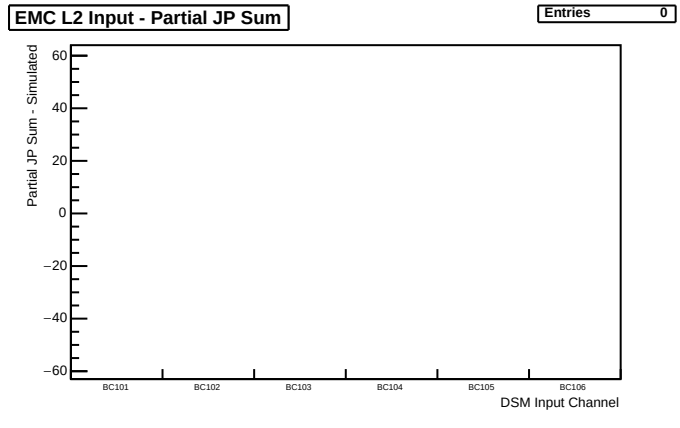

EMC L2 Input - JPY/JPB bits
Entries 101502
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

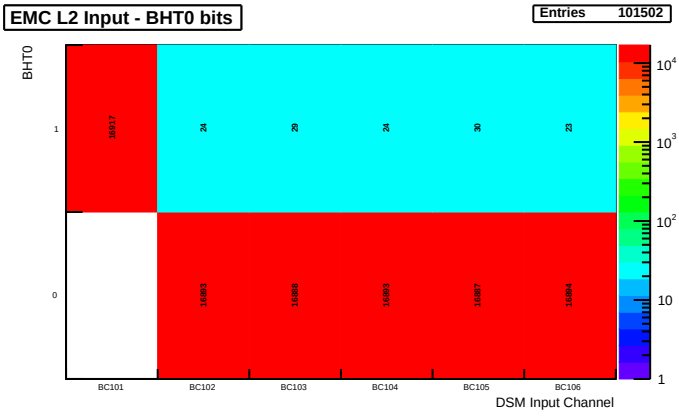

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

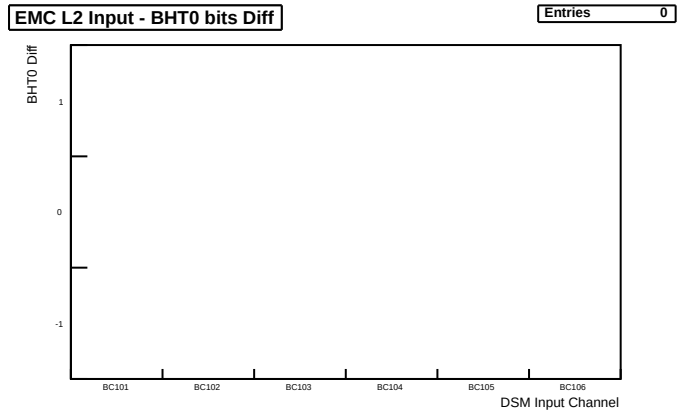

EMC L2 Input - JPZ/JPC bits
Entries 101502
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

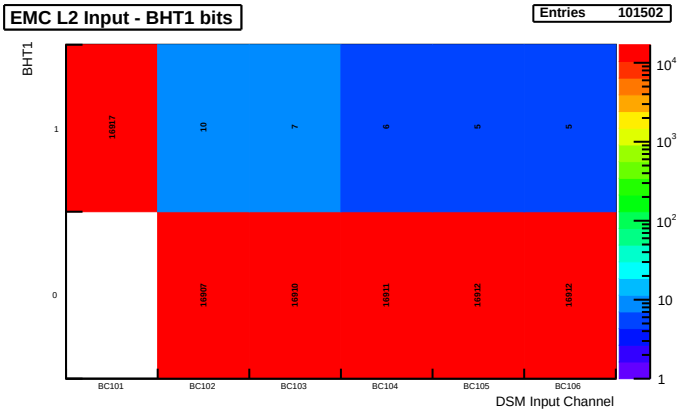

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

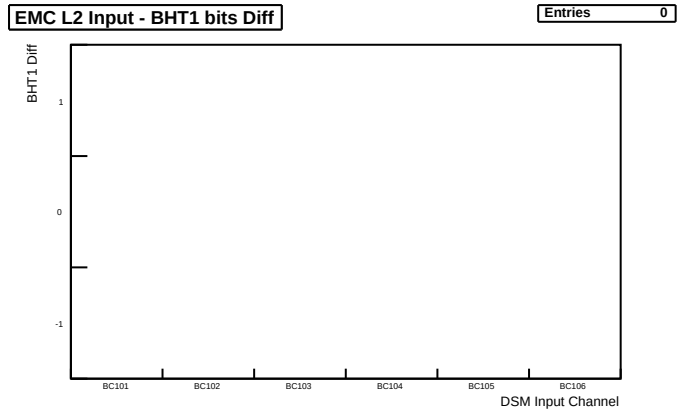

EMC L2 Input - Partial JP Sum
Entries 101502
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

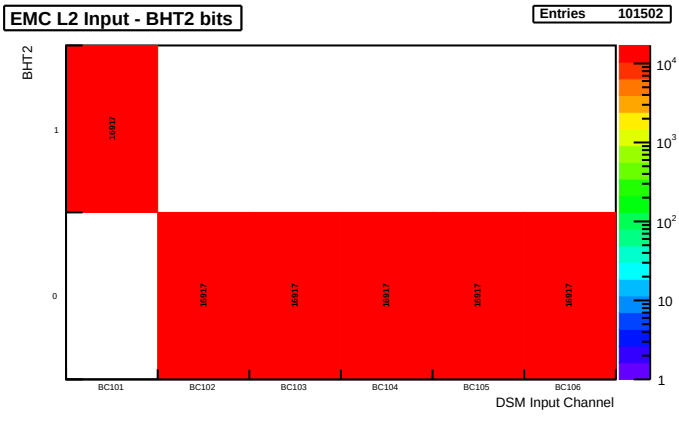

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

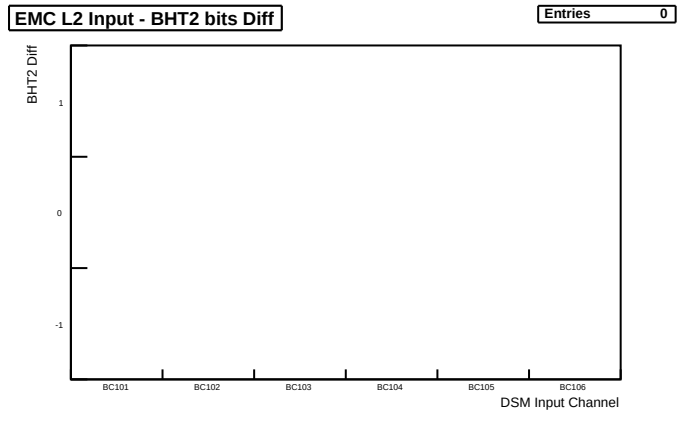

EMC L2 Input - BHT0 bits
Entries 101502
BHT0
1
0
16917
24
29
24
30
23
16893
16888
16893
16887
16884
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^4
10^3
10^2
10
1

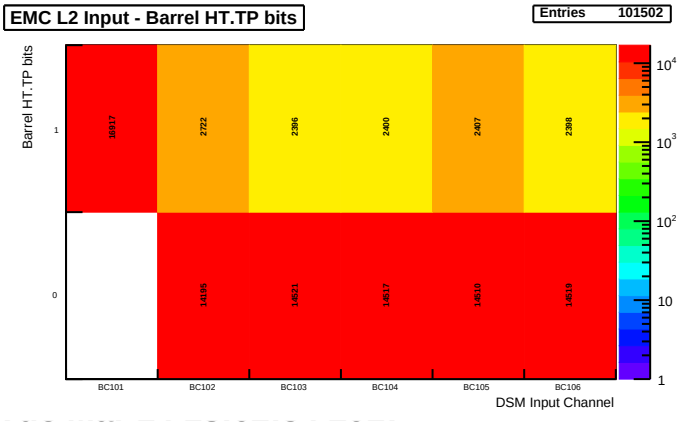

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

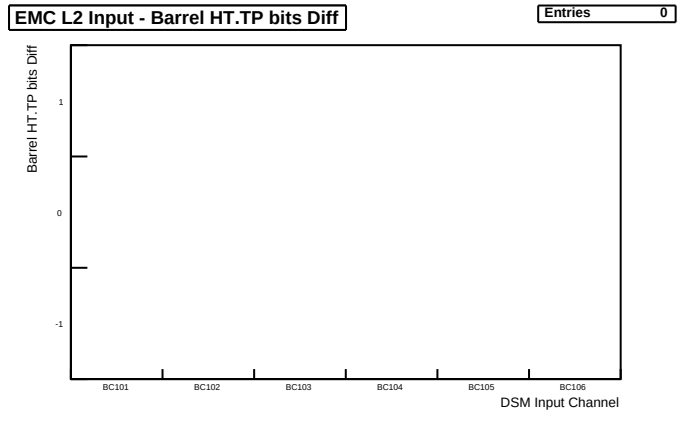

EMC L2 Input - BHT1 bits
Entries 101502
BHT1
1
0
16917
10
7
6
5
5
16907
16910
16911
16912
16912
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^4
10^3
10^2
10
1

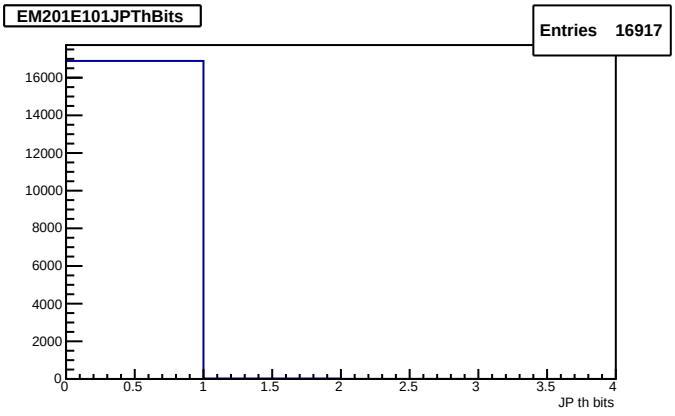

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

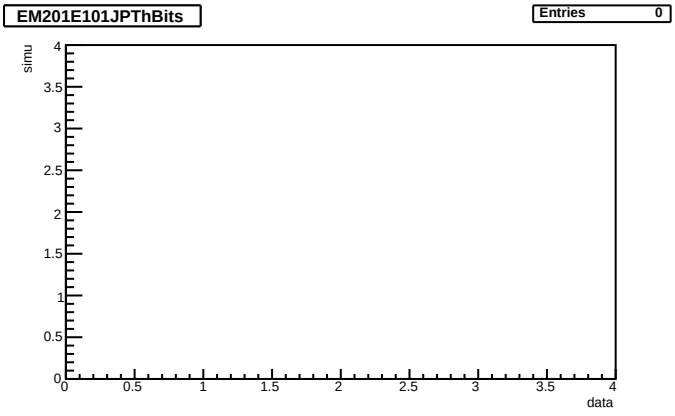

EMC L2 Input - BHT2 bits
Entries 101502
BHT2
1
0
16917
16917
16917
16917
16917
16917
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^4
10^3
10^2
10
1

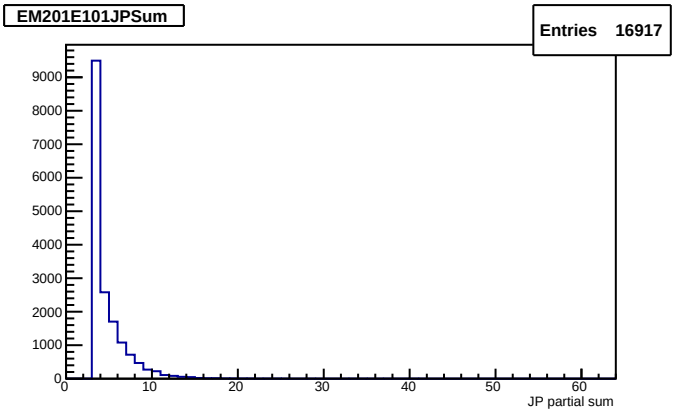

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

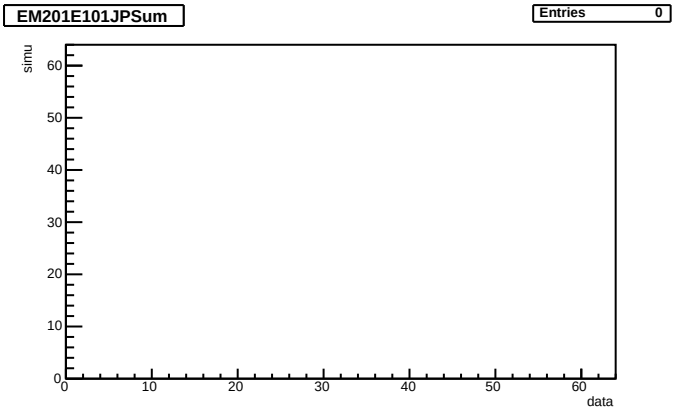

EMC L2 Input - Barrel HT.TP bits
Entries 101502
Barrel HT.TP bits
1
0
16917
2722
2396
2400
2407
2398
14195
14521
14517
14510
14519
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^4
10^3
10^2
10
1

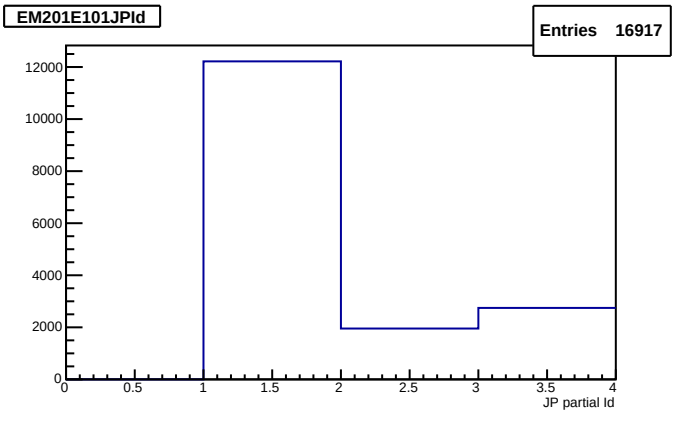

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

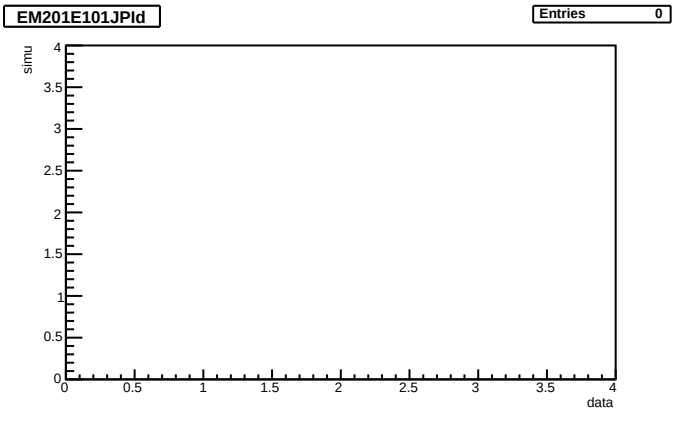

EM201E101JPThBits
Entries 16917
JP th bits

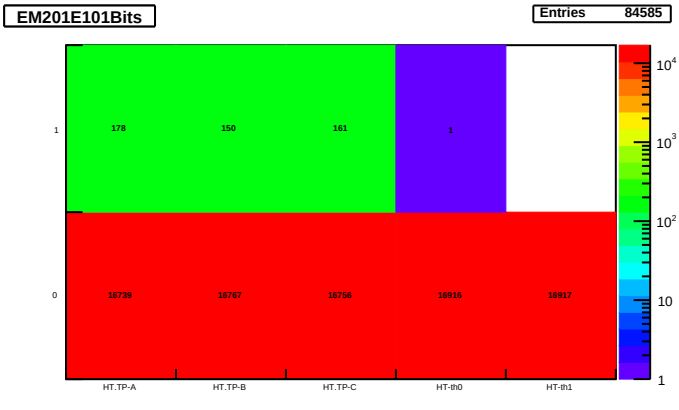

EM201E101JPThBits
Entries 0
simu
data

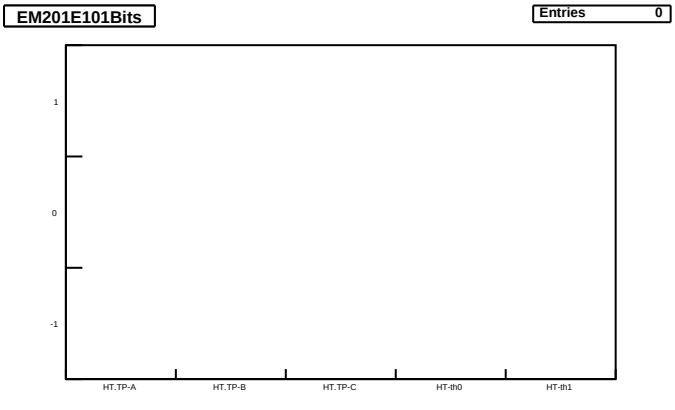

EM201E101JPSum
Entries 16917
JP partial sum

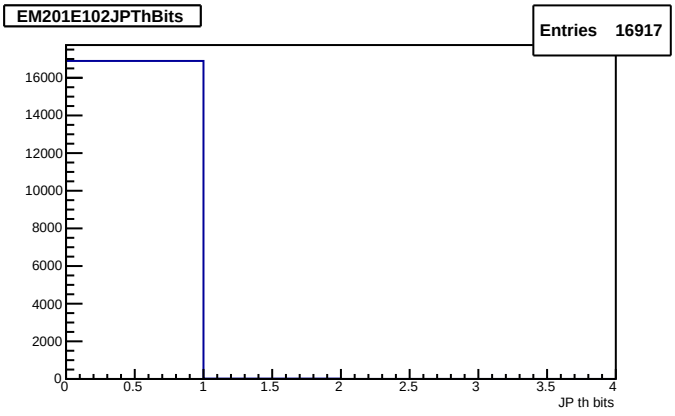

EM201E101JPSum
Entries 0
simu
data

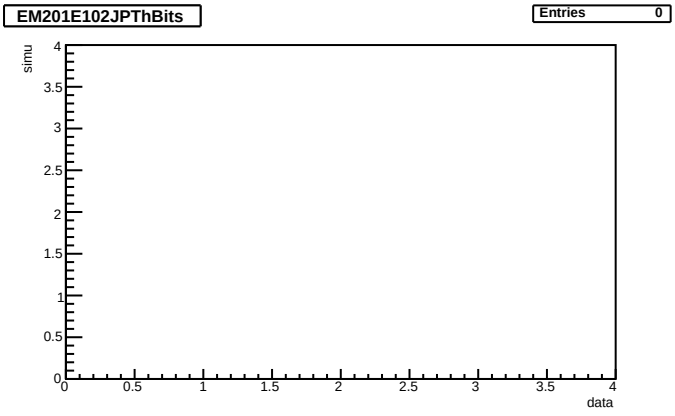

EM201E101JPId
Entries 16917
JP partial Id

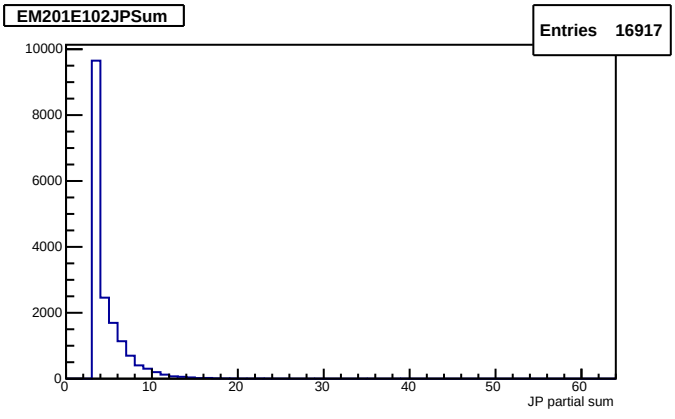

EM201E101JPId
Entries 0
simu
data

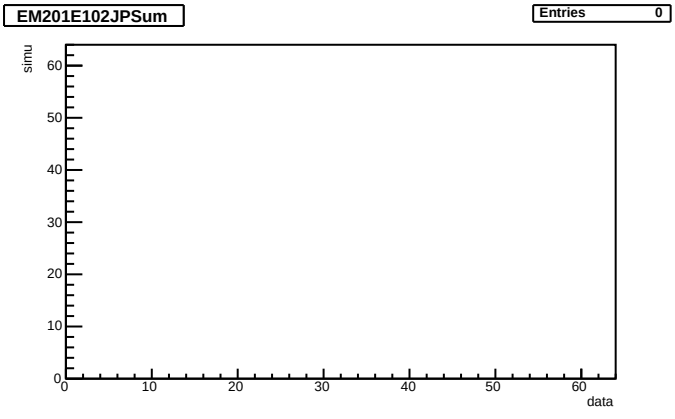

EM201E101Bits
Entries 84585
178
150
161
1
16739
16767
16756
16916
16917
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

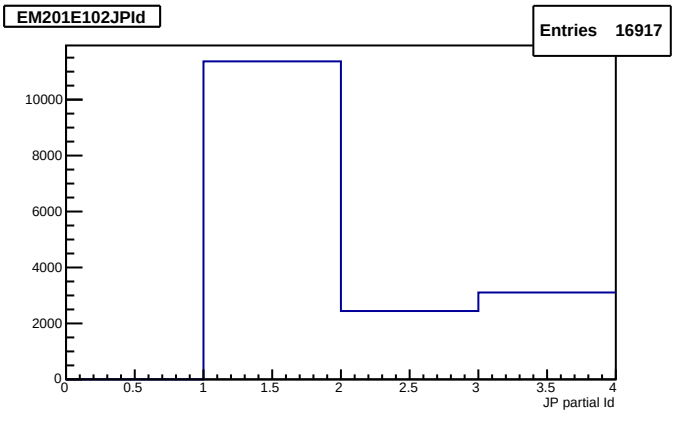

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

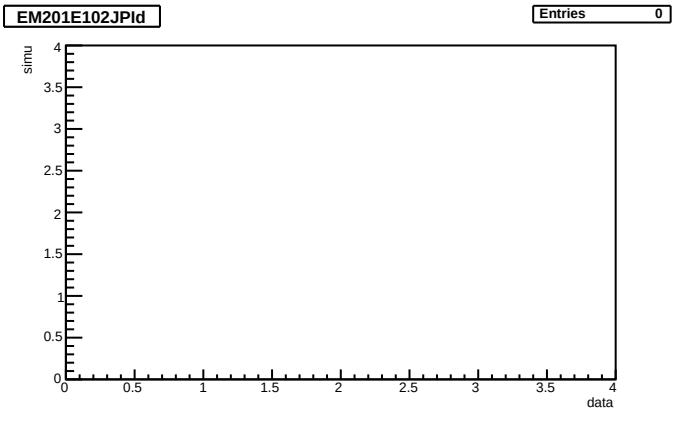

EM201E102JPThBits
Entries 16917
JP th bits

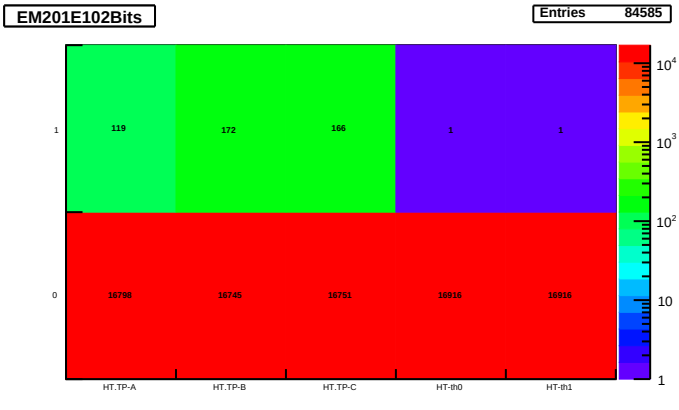

EM201E102JPThBits
Entries 0
simu
data

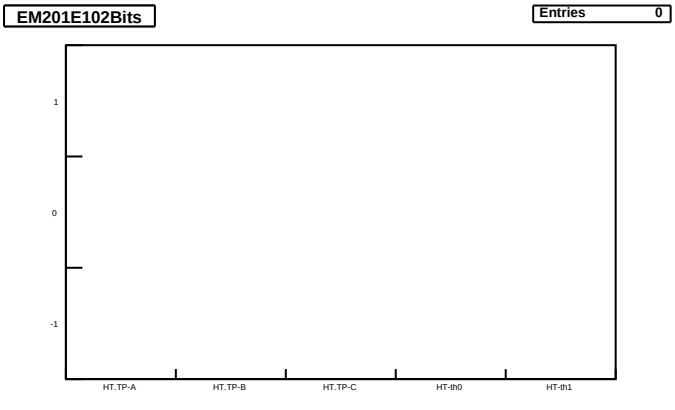

EM201E102JPSum
Entries 16917
JP partial sum

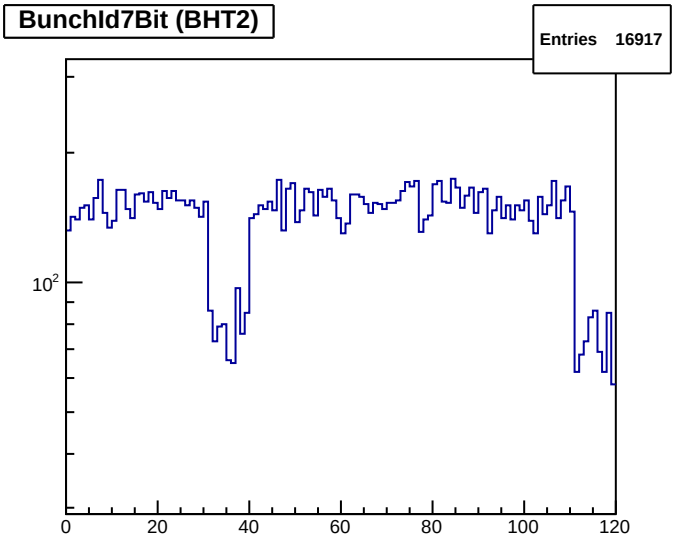

EM201E102JPSum
Entries 0
simu
data

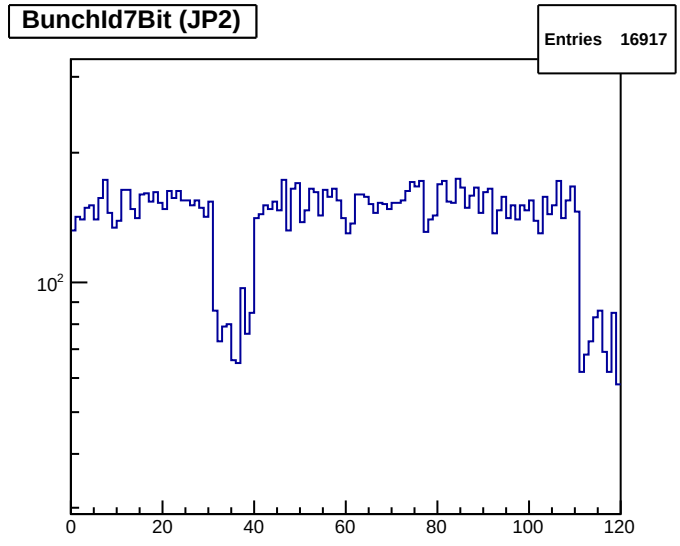

EM201E102JPId
Entries 16917
JP partial Id

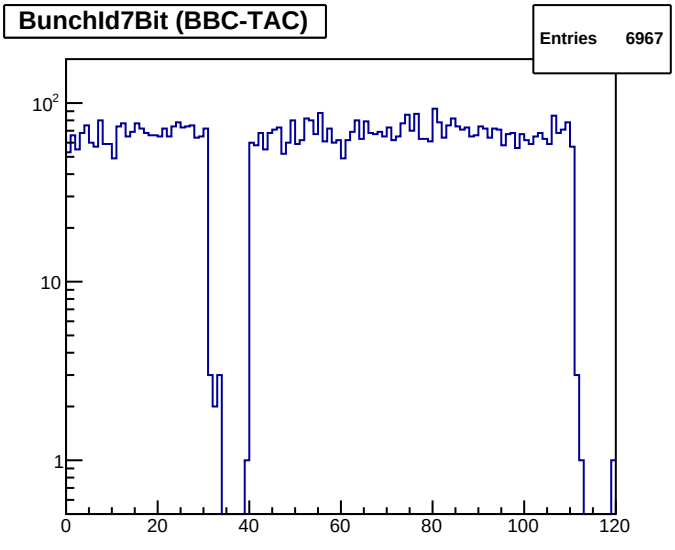

EM201E102JPId
Entries 0
simu
data

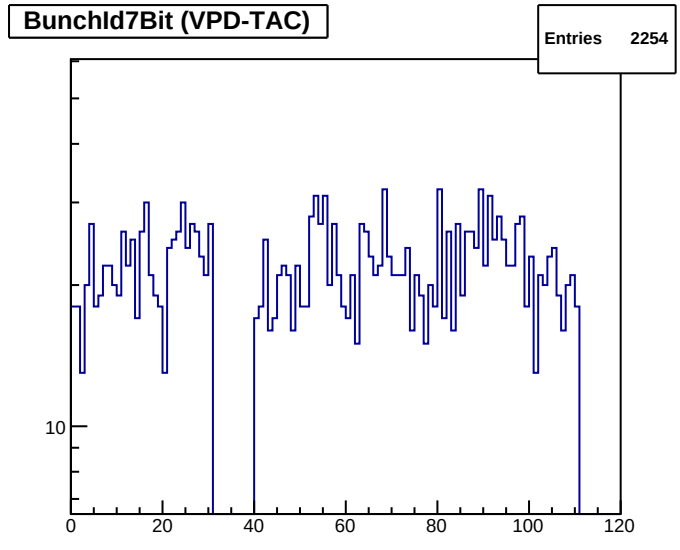

EM201E102Bits
Entries 84585
119
172
166
1
1
16798
16745
16751
16916
16916
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

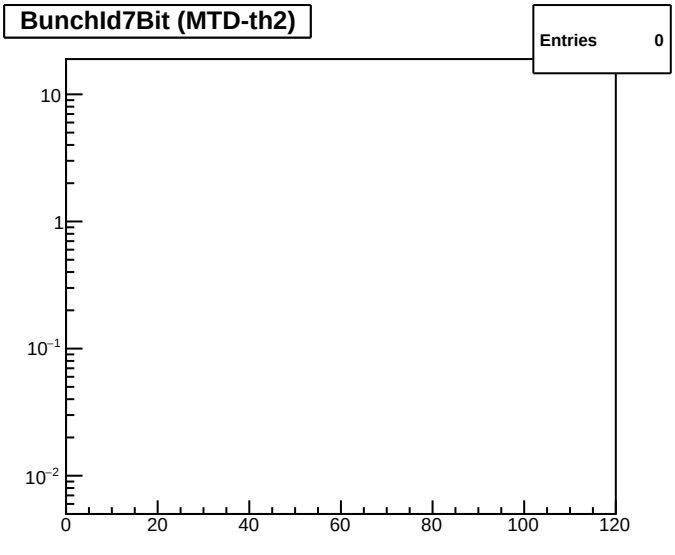

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

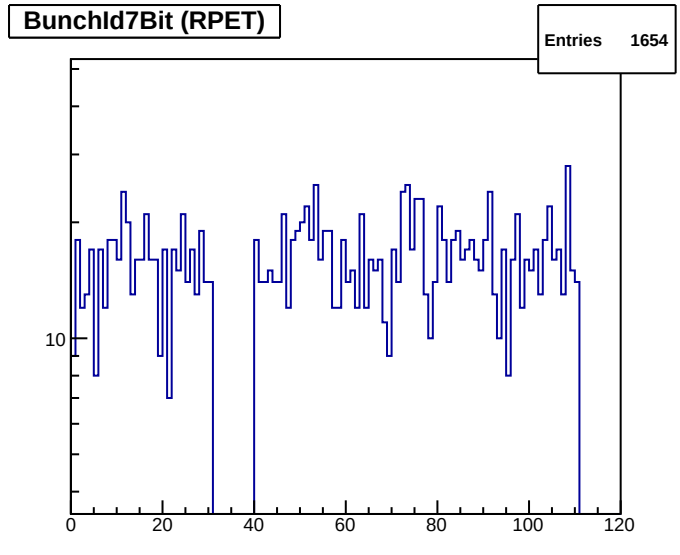

BunchId7Bit (BHT2)
Entries 16917
10^2
0 20 40 60 80 100 120

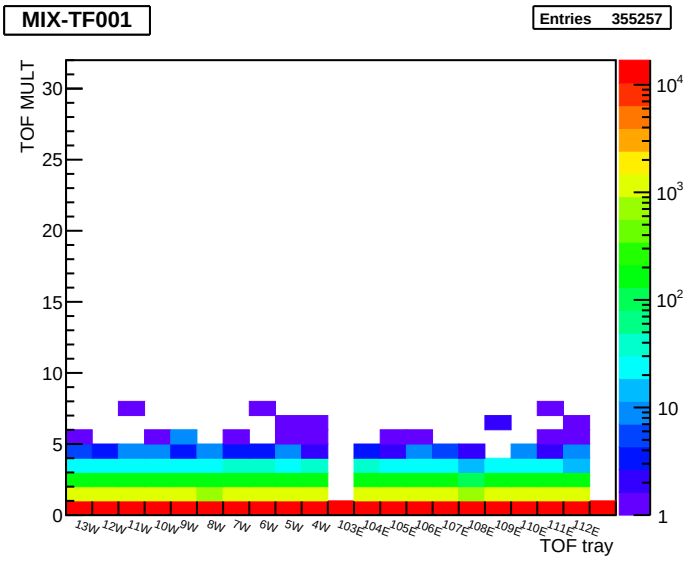

BunchId7Bit (JP2)
Entries 16917
10^2
0 20 40 60 80 100 120

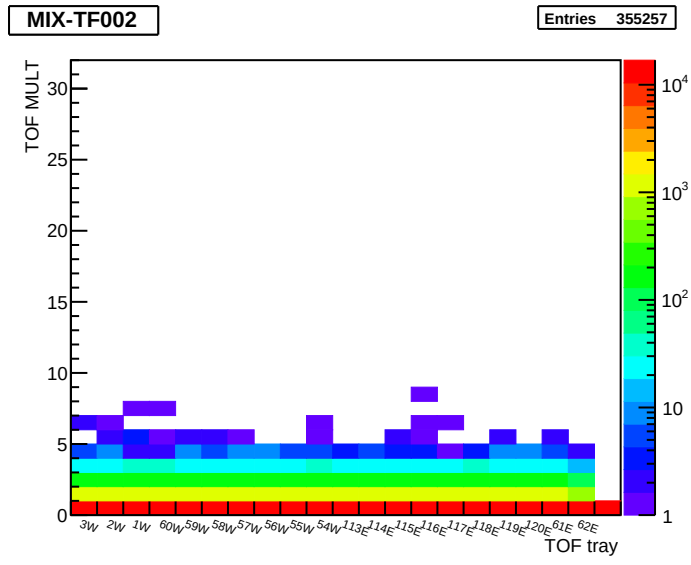

BunchId7Bit (BBC-TAC)
Entries 6967
10^2
10
1
0 20 40 60 80 100 120

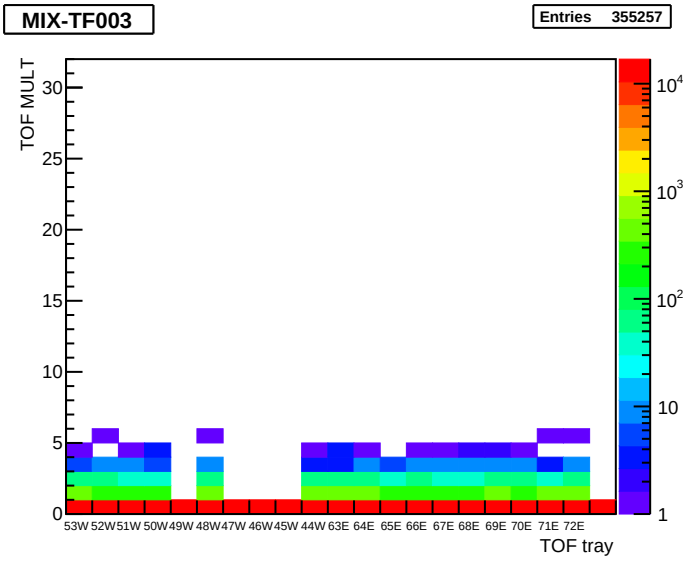

BunchId7Bit (VPD-TAC)
Entries 2254
10
0 20 40 60 80 100 120

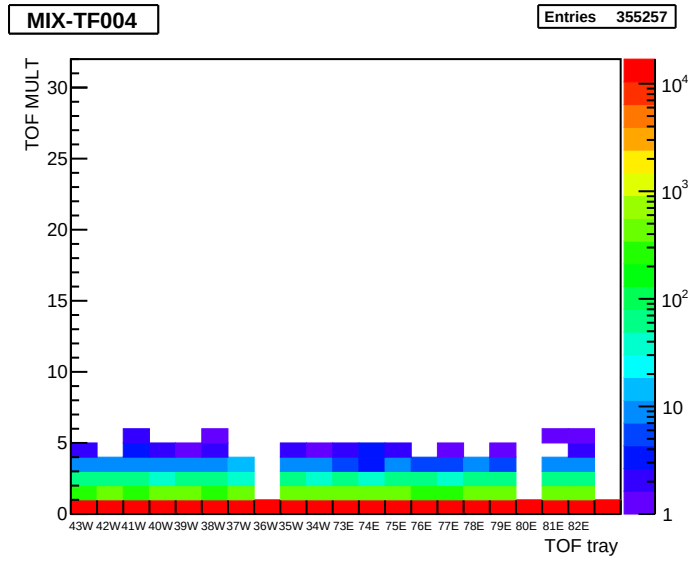

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

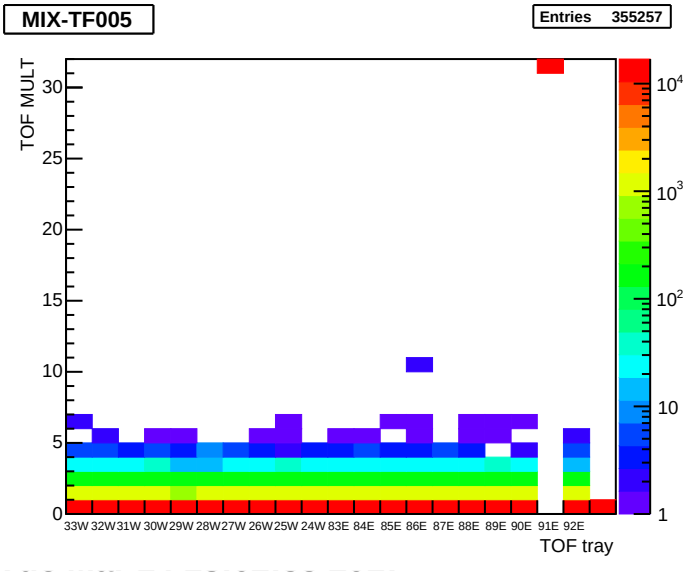

BunchId7Bit (RPET)
Entries 1654
10
0 20 40 60 80 100 120

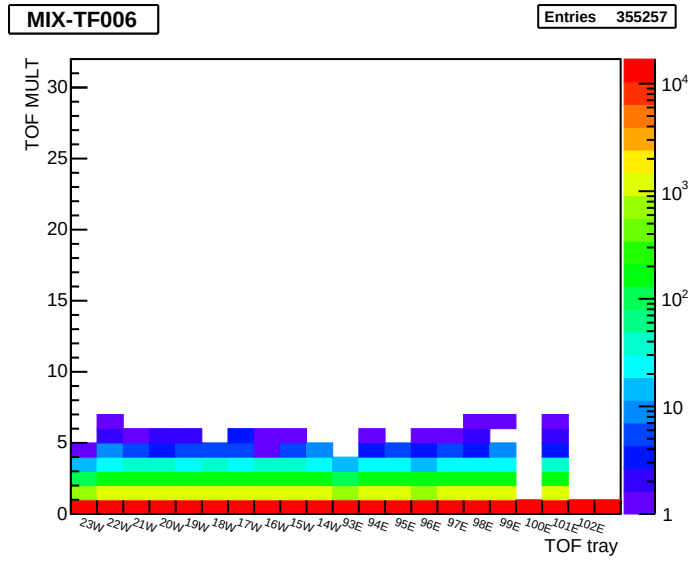

MIX-TF001
Entries 355257
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

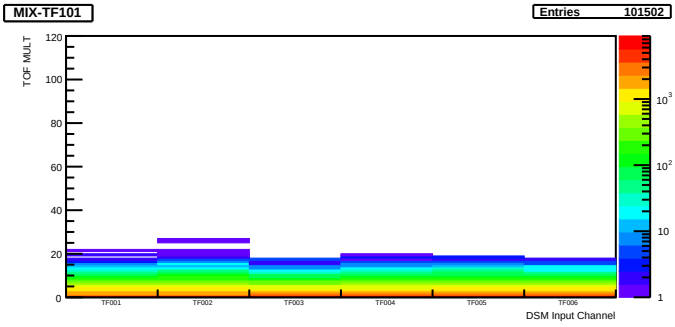

MIX-TF002
Entries 355257
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

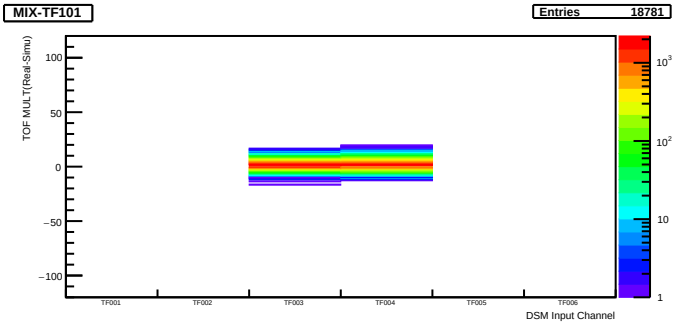

MIX-TF003
Entries 355257
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

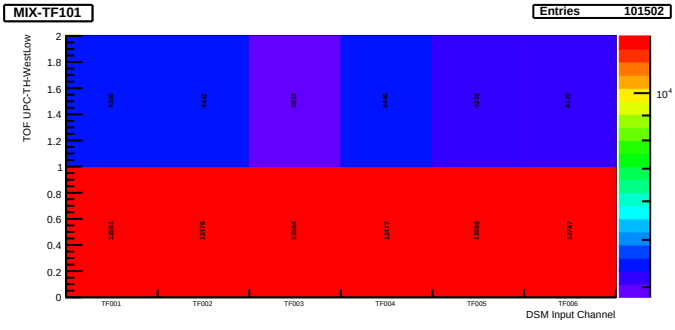

MIX-TF004
Entries 355257
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

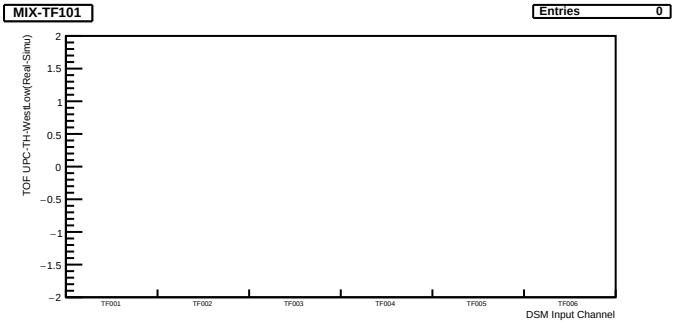

MIX-TF005
Entries 355257
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

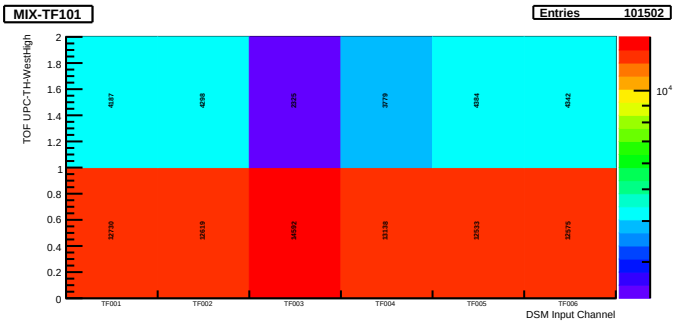

MIX-TF006
Entries 355257
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

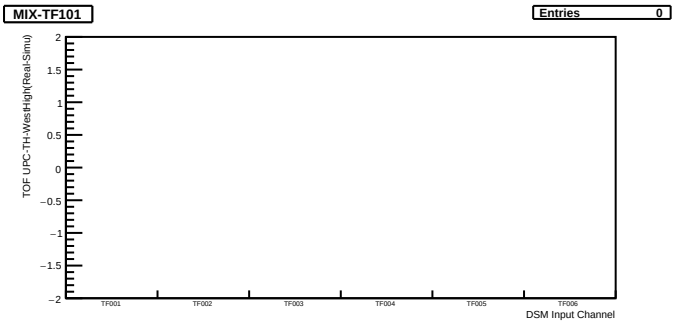

MIX-TF101
Entries 101502
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

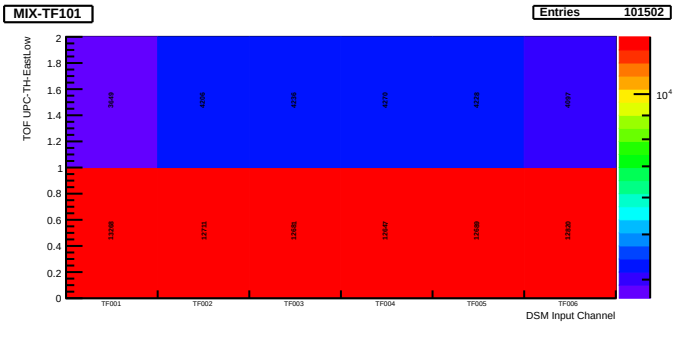

MIX-TF101
Entries 18781
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

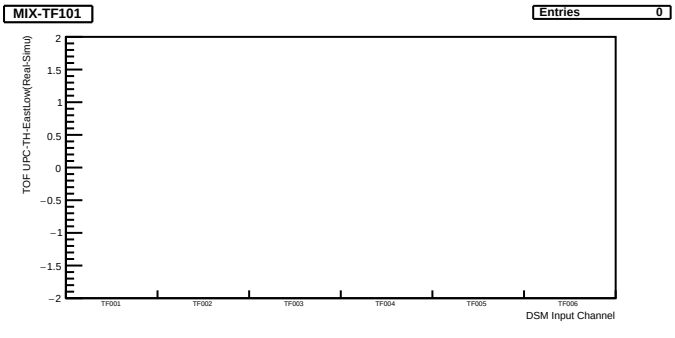

MIX-TF101
Entries 101502
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

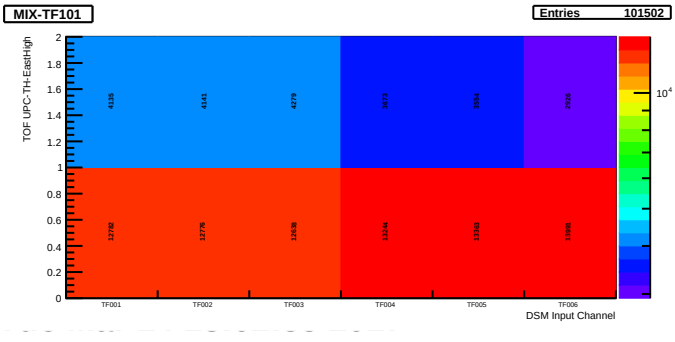

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

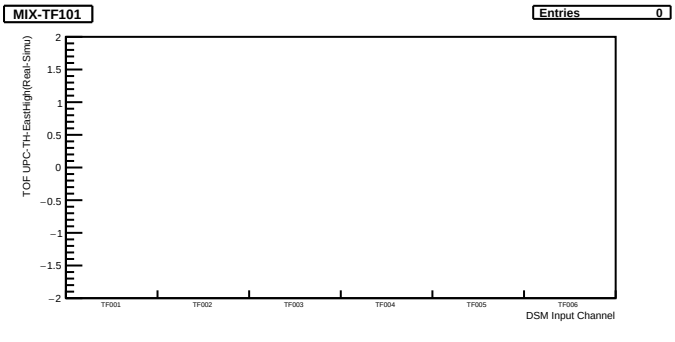

MIX-TF101
Entries 101502
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

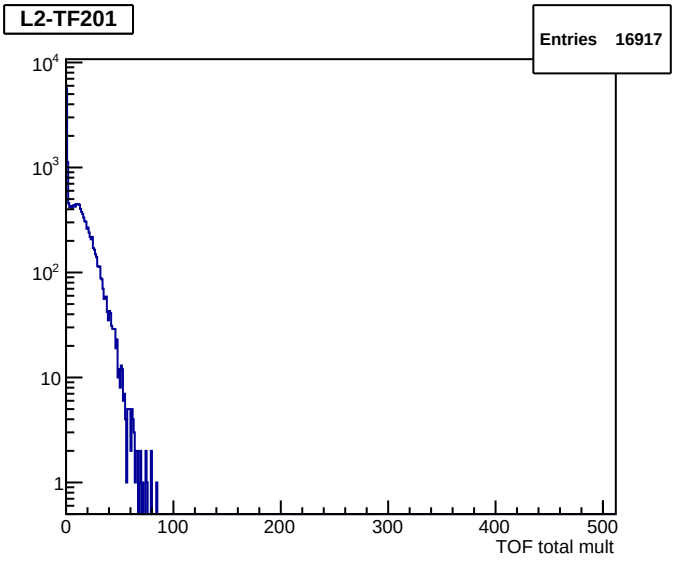

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

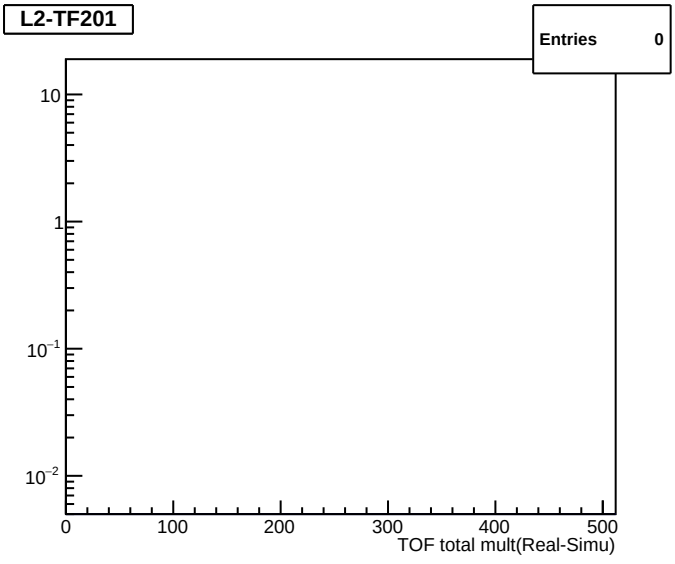

MIX-TF101
Entries 101502
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

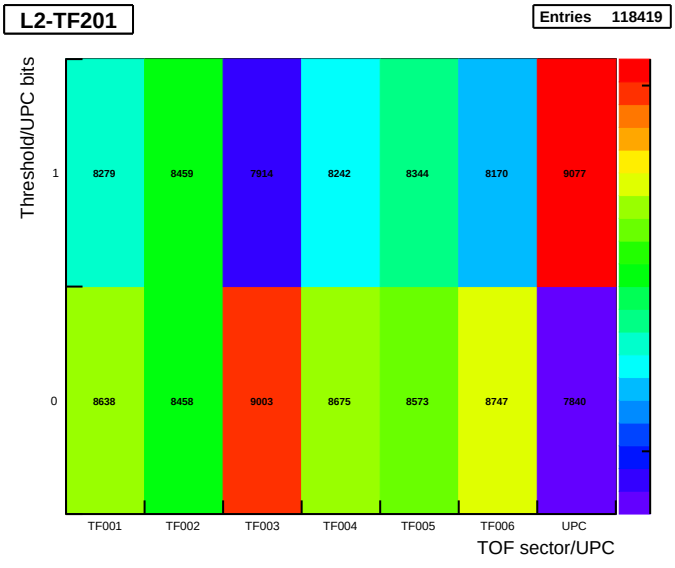

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

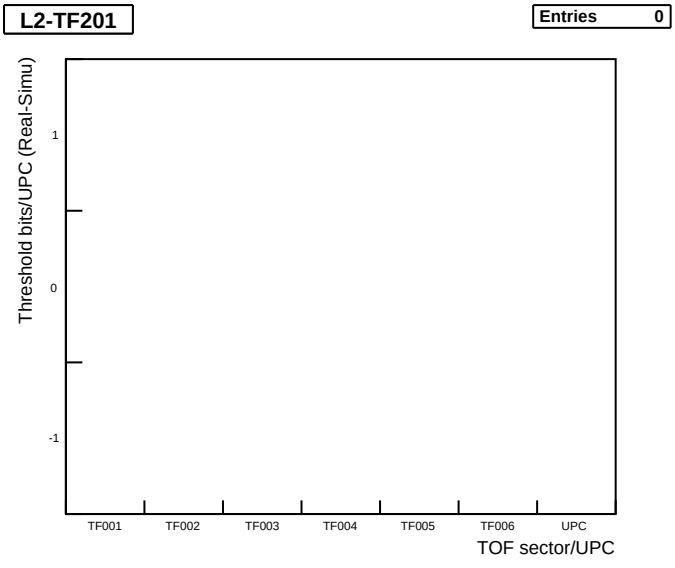

MIX-TF101
Entries 101502
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

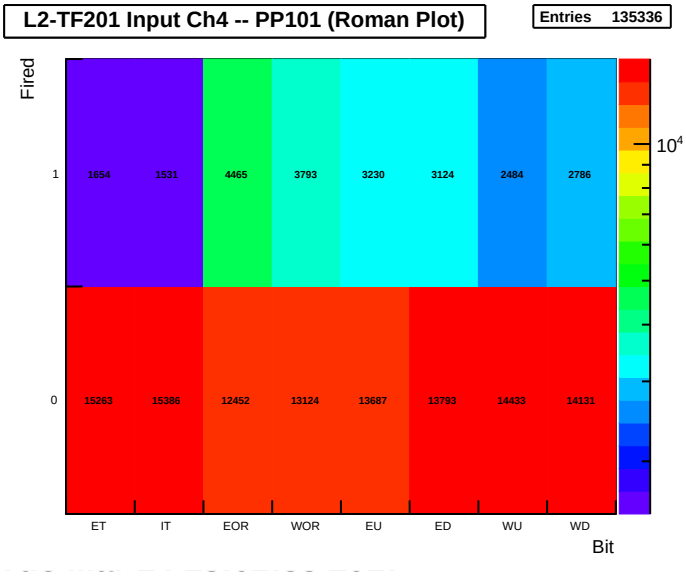

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

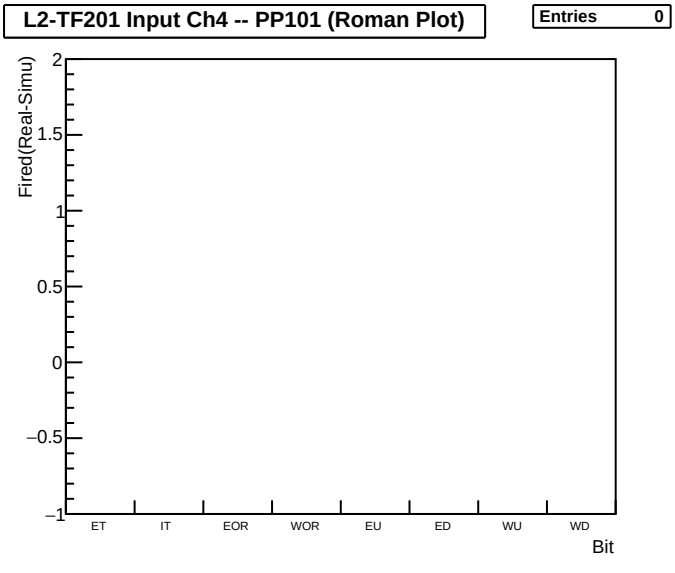

L2-TF201
Entries 16917
TOF total mult

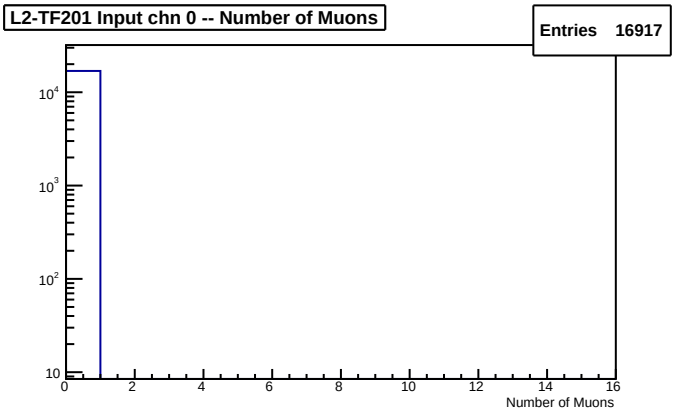

L2-TF201
Entries 0
TOF total mult(Real-Simu)

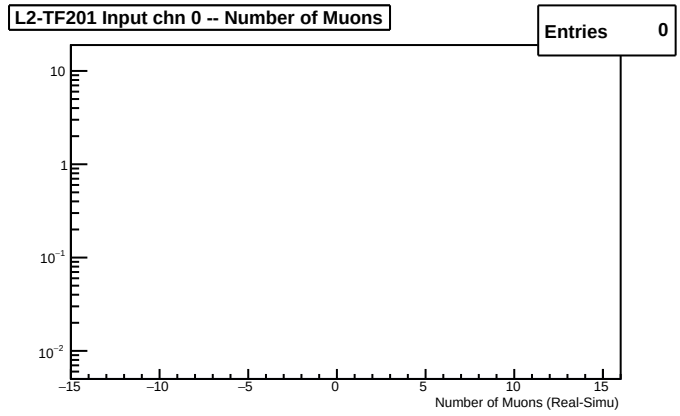

L2-TF201
Entries 118419
Threshold/UPC bits
8279
8459
7914
8242
8344
8170
9077
8638
8458
9003
8675
8573
8747
7840
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

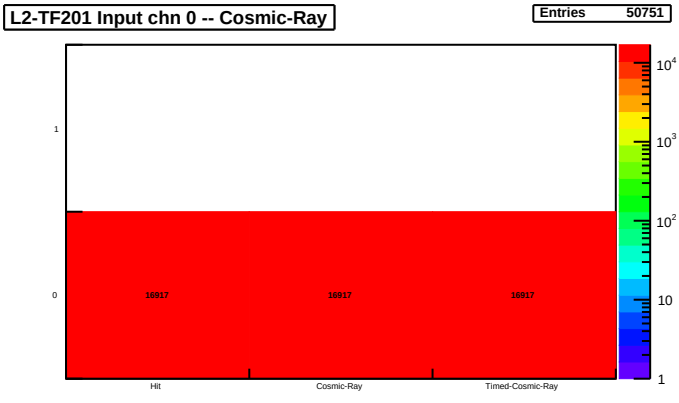

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

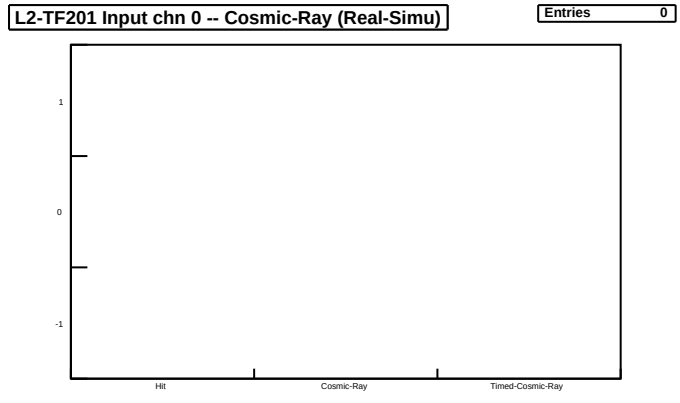

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 135336
Fired
1654
1531
4465
3793
3230
3124
2484
2786
15263
15386
12452
13124
13687
13793
14433
14131
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

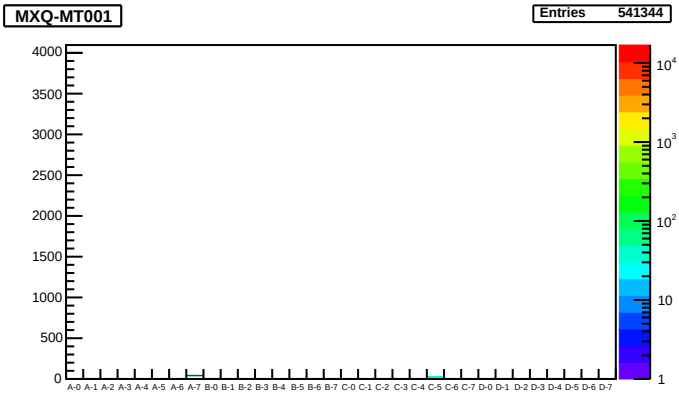

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

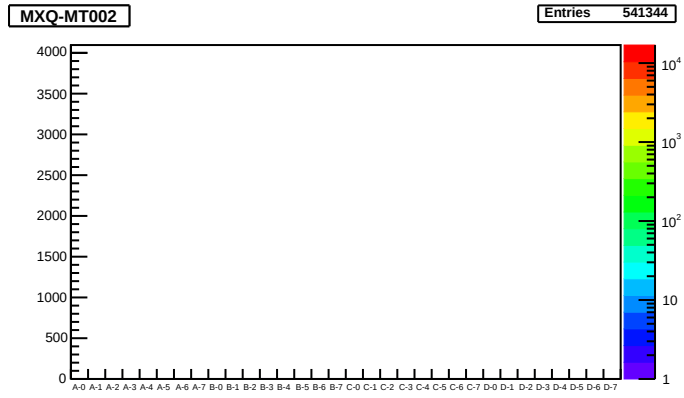

L2-TF201 Input chn 0 -- Number of Muons
Entries 16917
Number of Muons

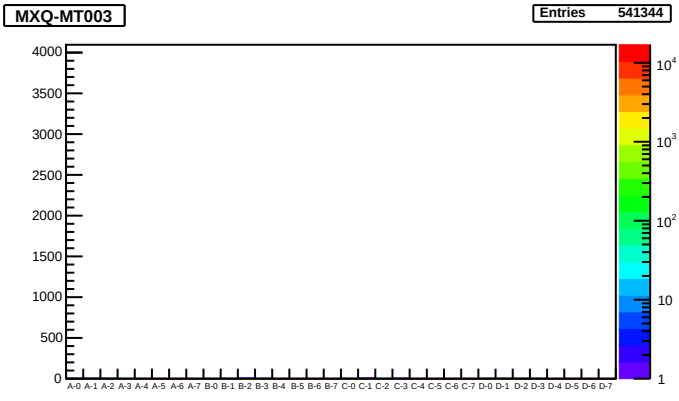

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 50751
16917
16917
16917
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 541344
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
10^4
10^3
10^2
10
1


MXQ-MT002
Entries 541344
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
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 541344
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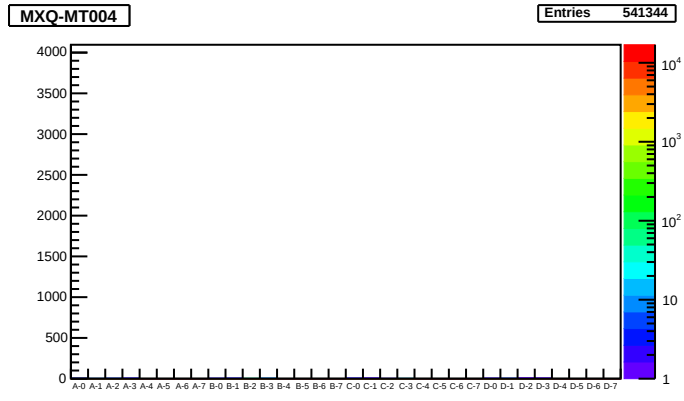
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^4
10^3
10^2
10
1


MXQ-MT004
Entries 541344
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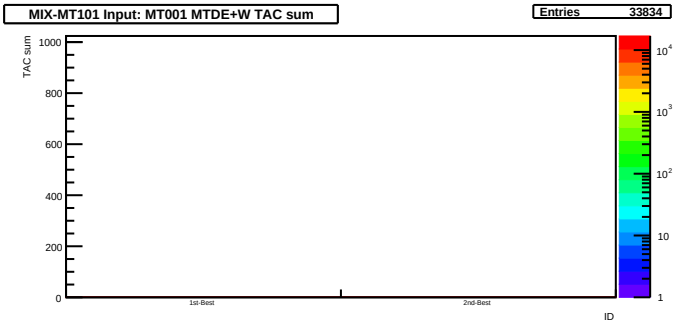
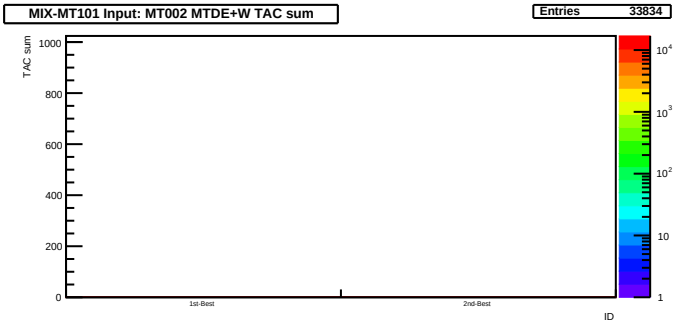
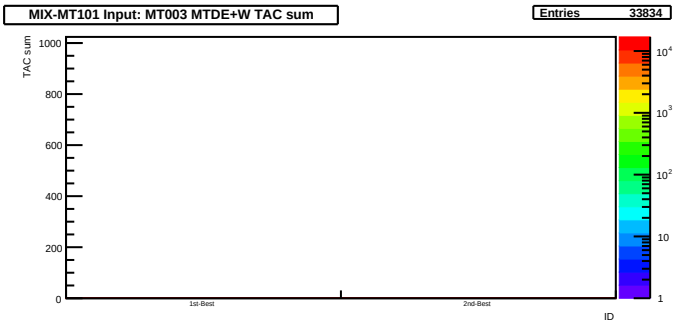
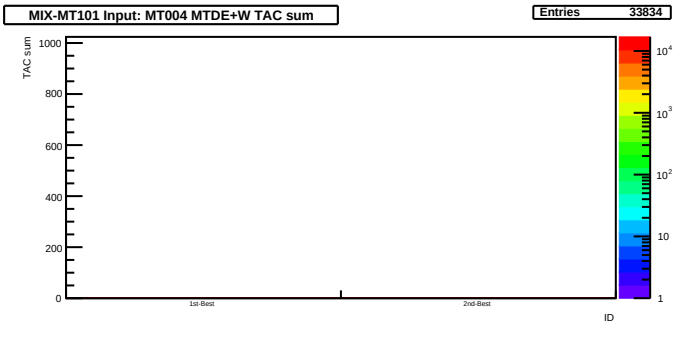
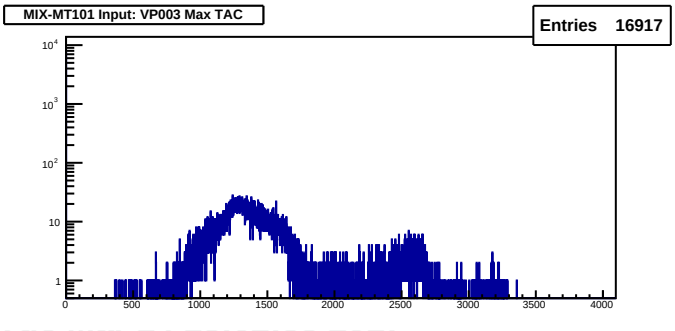
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^4
10^3
10^2
10
1

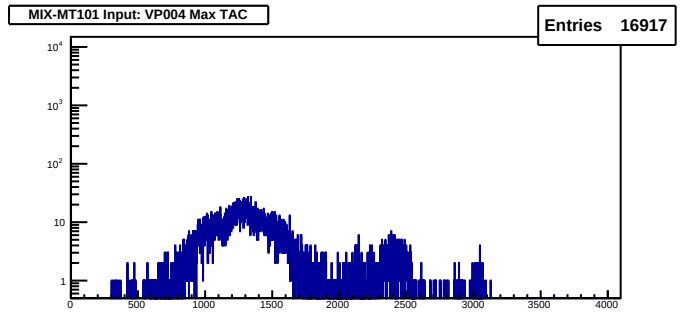

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 33834
TAC sum
1st-Best
2nd-Best
ID

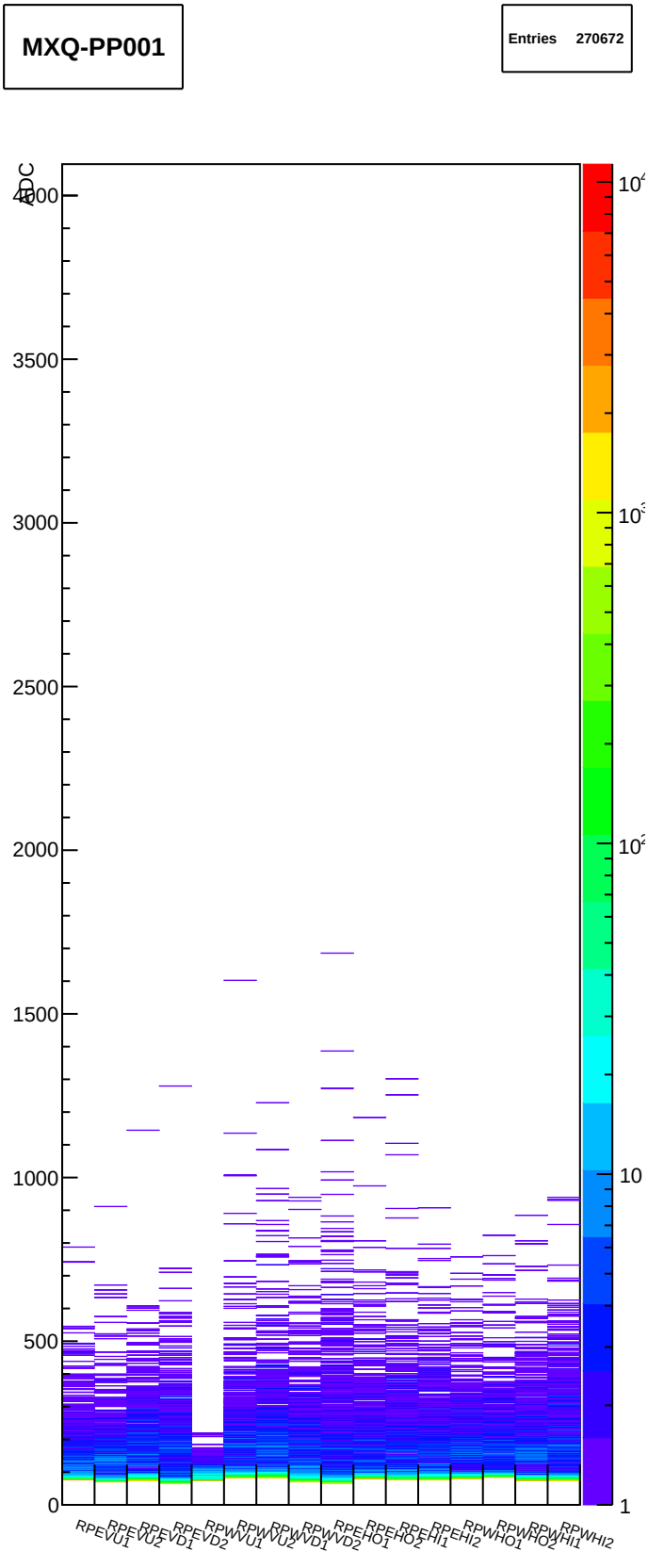

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 33834
TAC sum
1st-Best
2nd-Best
ID

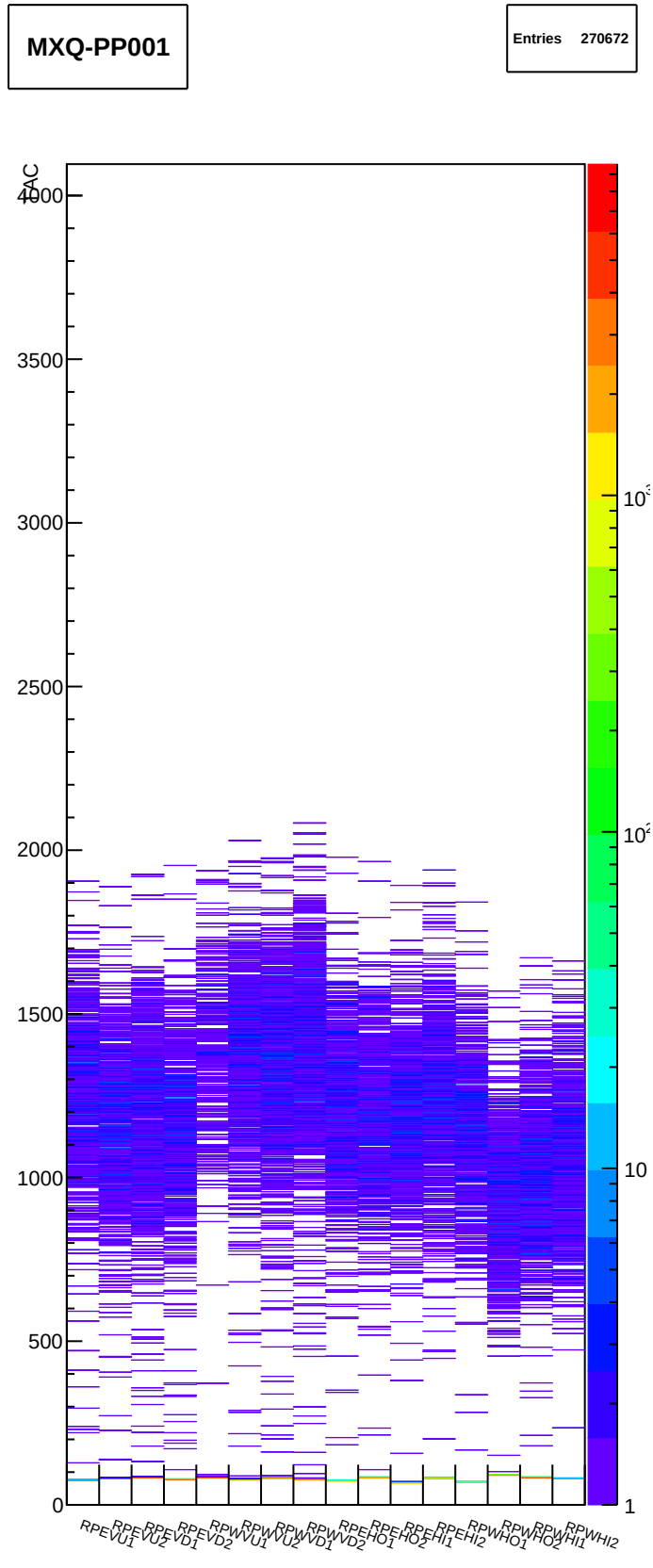

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 33834
TAC sum
1st-Best
2nd-Best
ID

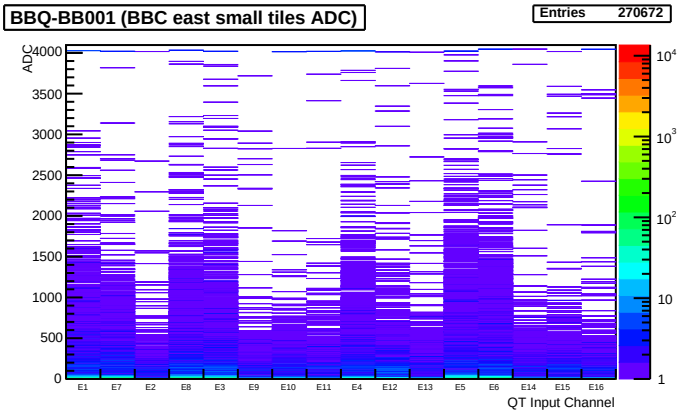

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 33834
TAC sum
1st-Best
2nd-Best
ID

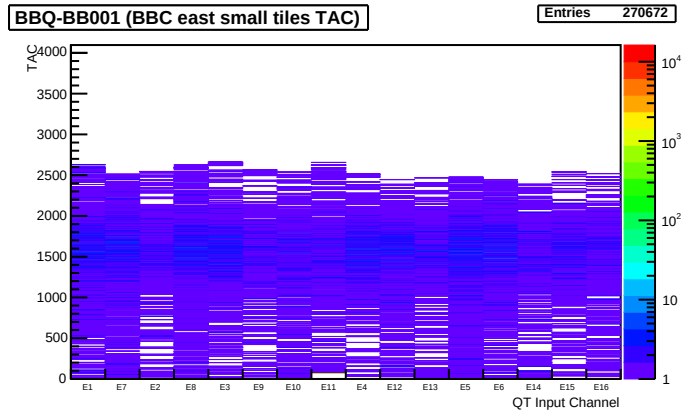

MIX-MT101 Input: VP003 Max TAC
Entries 16917

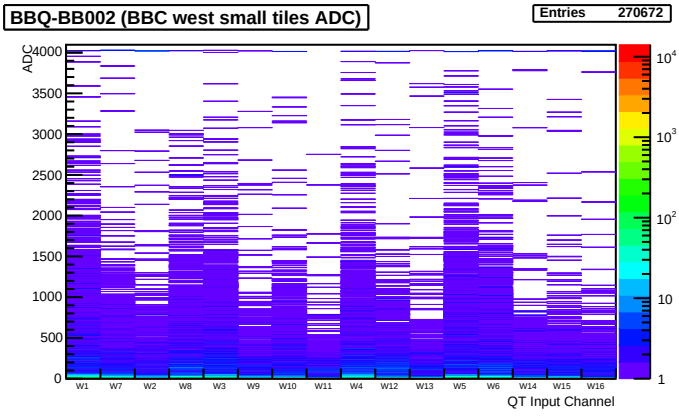

MIX-MT101 Input: VP004 Max TAC
Entries 16917

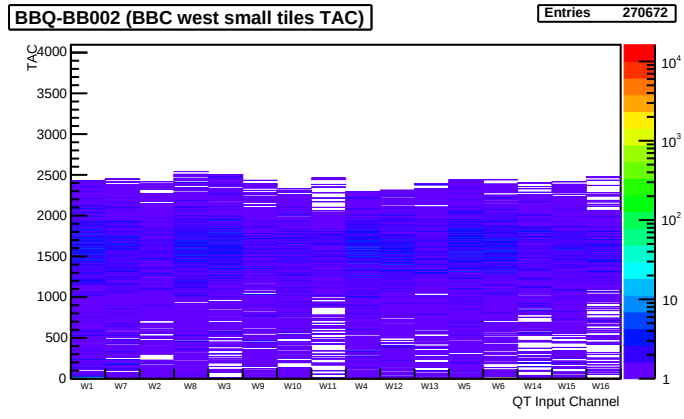

MXQ-PP001
Entries 270672
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

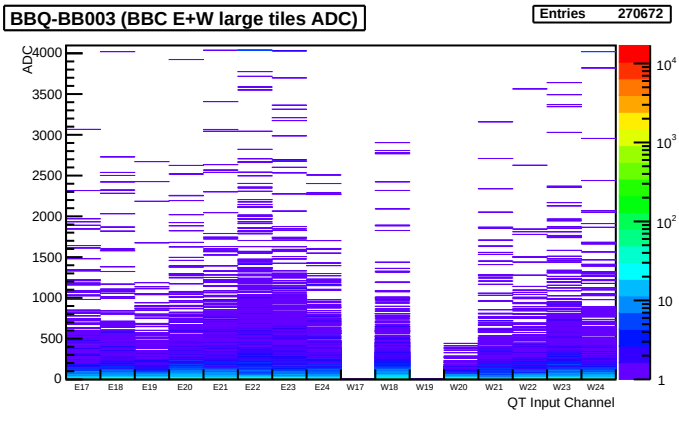

MXQ-PP001
Entries 270672
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

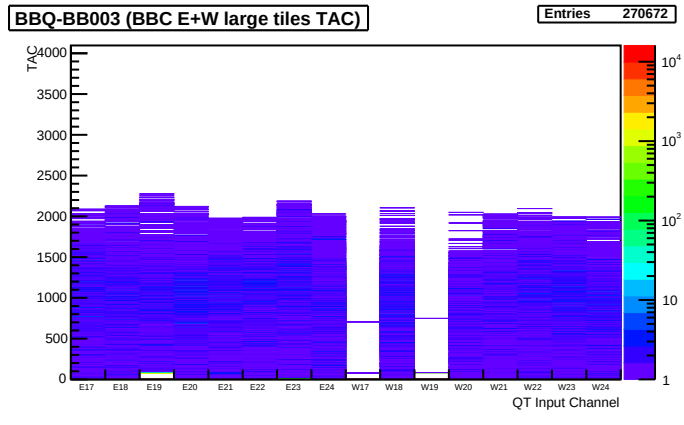

BBQ-BB001 (BBC east small tiles ADC)
Entries 270672
ADC
QT Input Channel

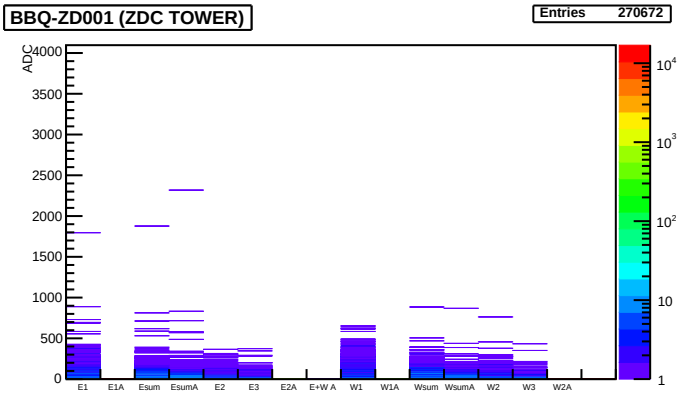

BBQ-BB001 (BBC east small tiles TAC)
Entries 270672
TAC
QT Input Channel

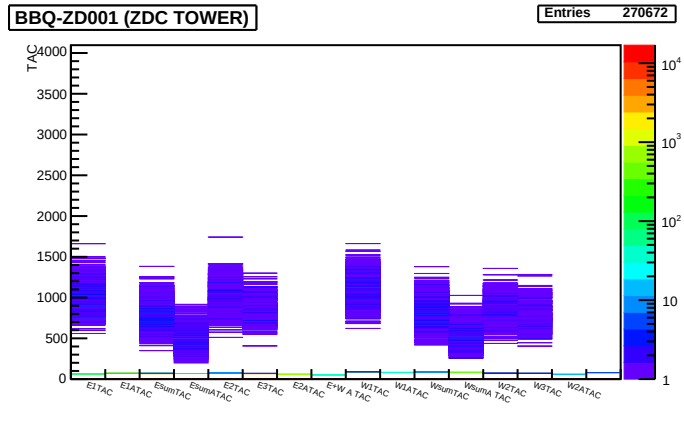

BBQ-BB002 (BBC west small tiles ADC)
Entries 270672
ADC
QT Input Channel

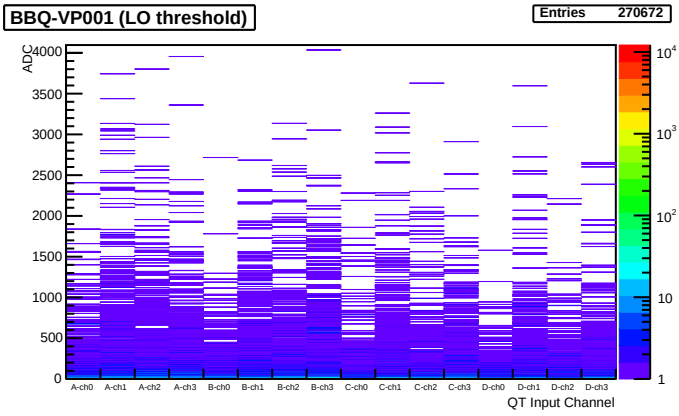

BBQ-BB002 (BBC west small tiles TAC)
Entries 270672
TAC
QT Input Channel

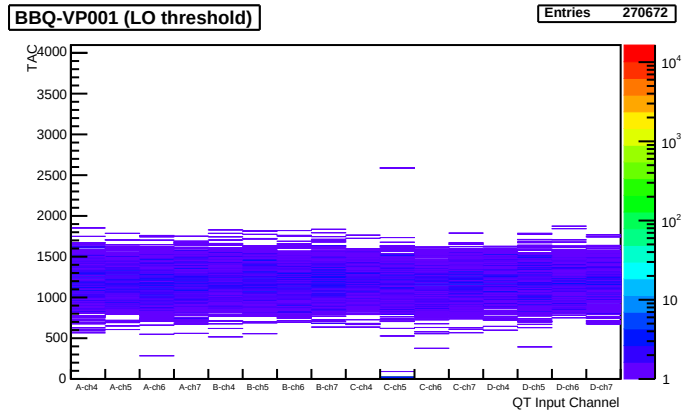

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 270672
ADC
QT Input Channel

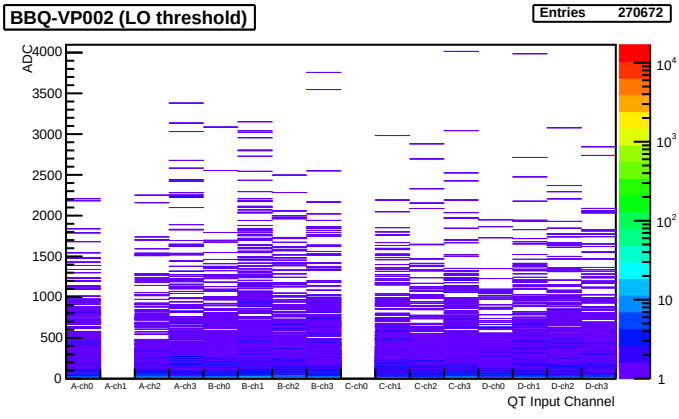

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 270672
TAC
QT Input Channel

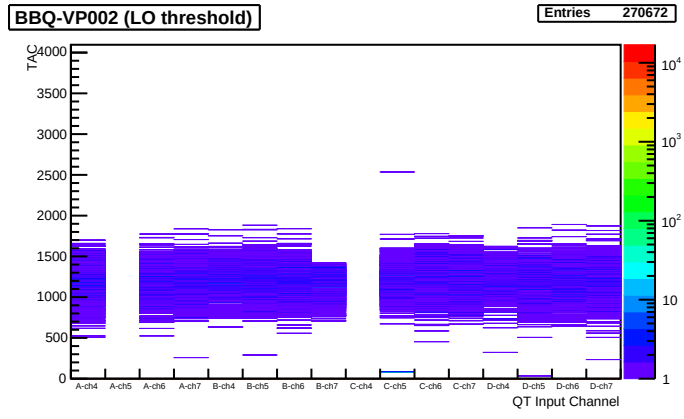

BBQ-ZD001 (ZDC TOWER)
Entries 270672
ADC

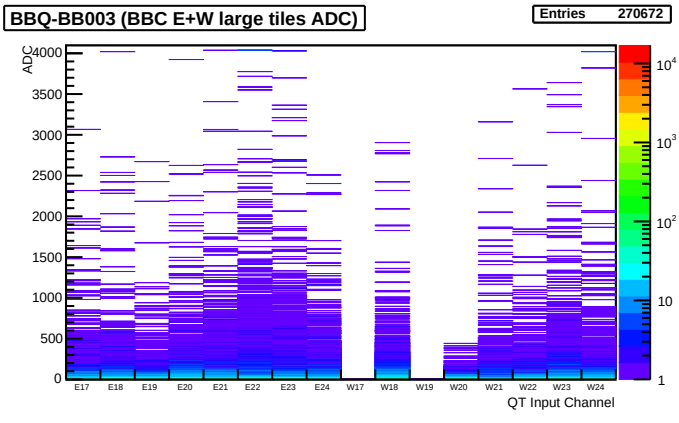

BBQ-ZD001 (ZDC TOWER)
Entries 270672
TAC

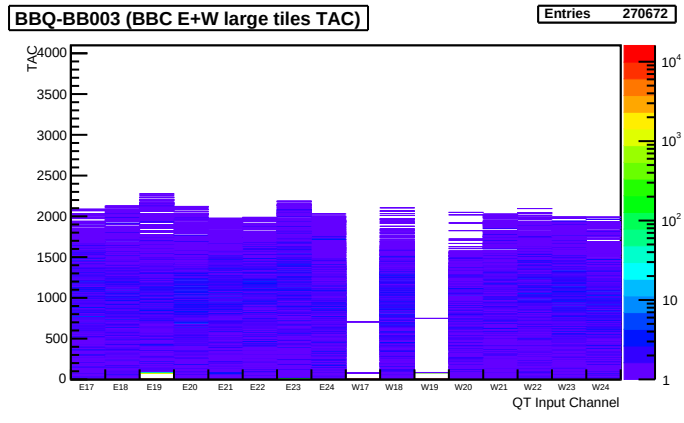

BBQ-VP001 (LO threshold)
Entries 270672
ADC
QT Input Channel

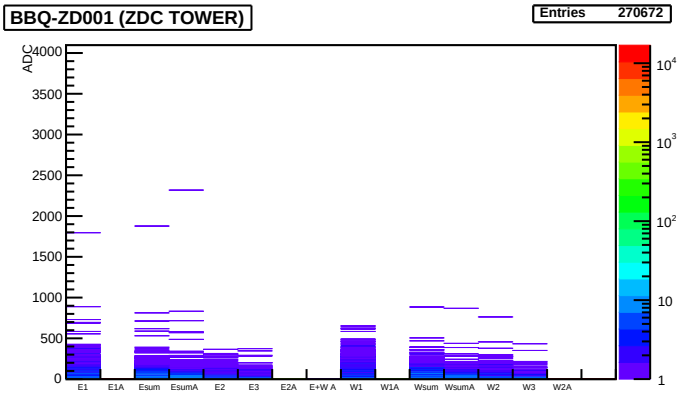

BBQ-VP001 (LO threshold)
Entries 270672
TAC
QT Input Channel

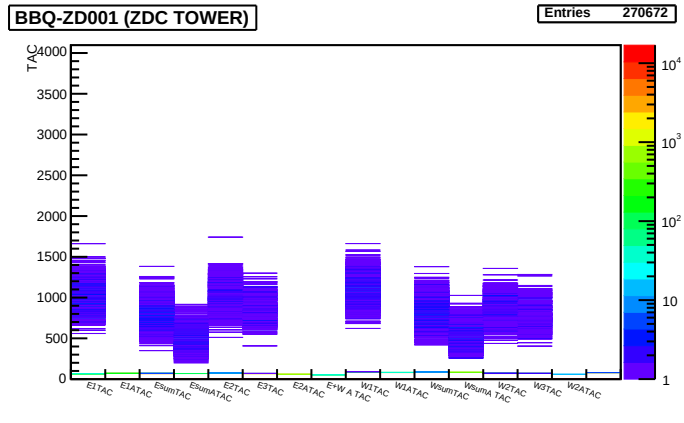

BBQ-VP002 (LO threshold)
Entries 270672
ADC
QT Input Channel

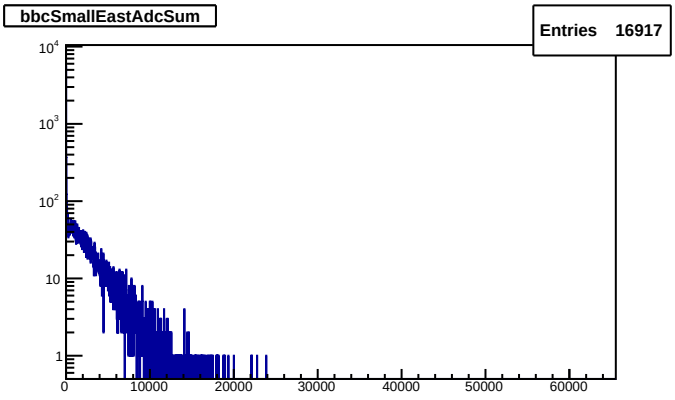

BBQ-VP002 (LO threshold)
Entries 270672
TAC
QT Input Channel

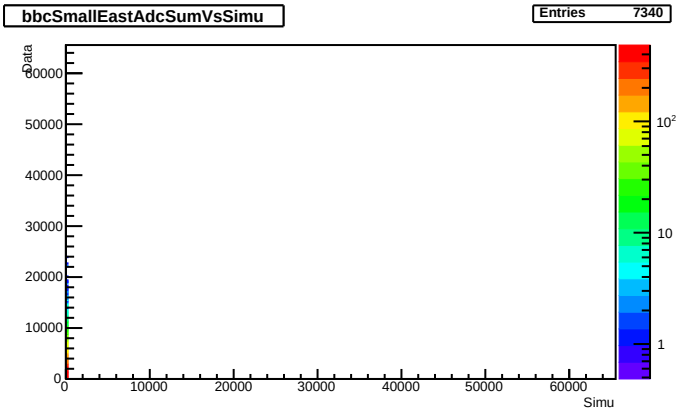

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 270672
ADC
QT Input Channel

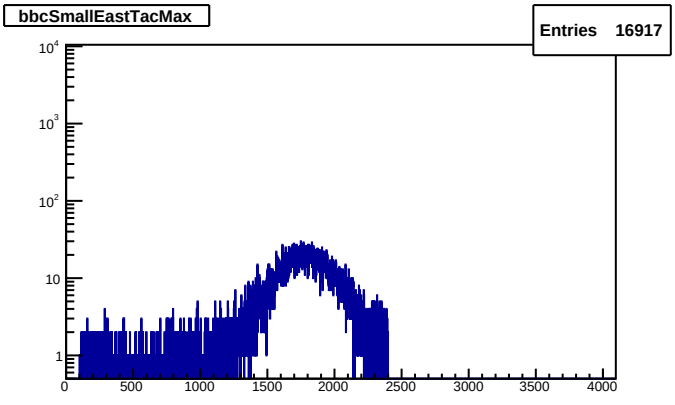

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 270672
TAC
QT Input Channel

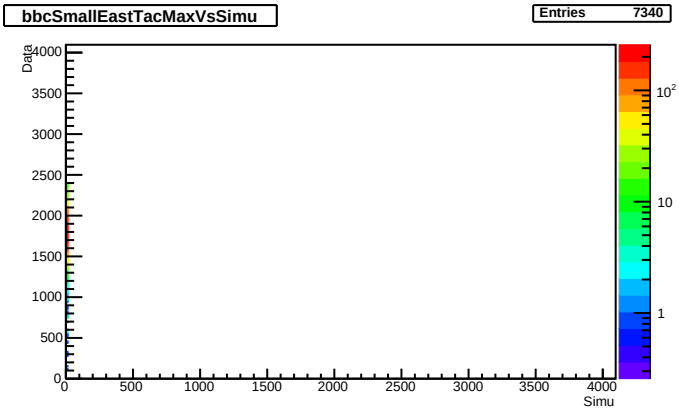

BBQ-ZD001 (ZDC TOWER)
Entries 270672
ADC

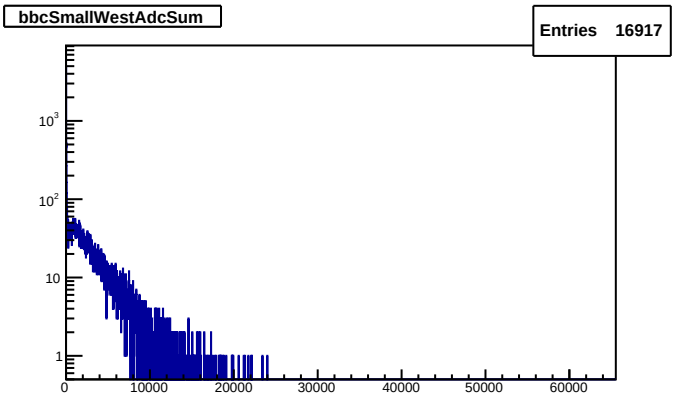

BBQ-ZD001 (ZDC TOWER)
Entries 270672
TAC

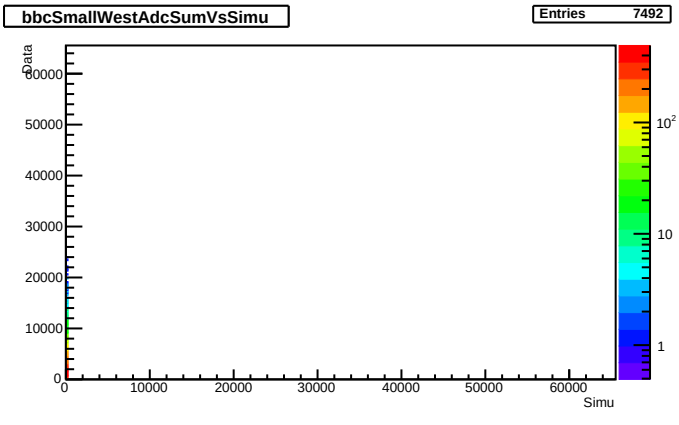

bbcSmallEastAdcSum
Entries 16917

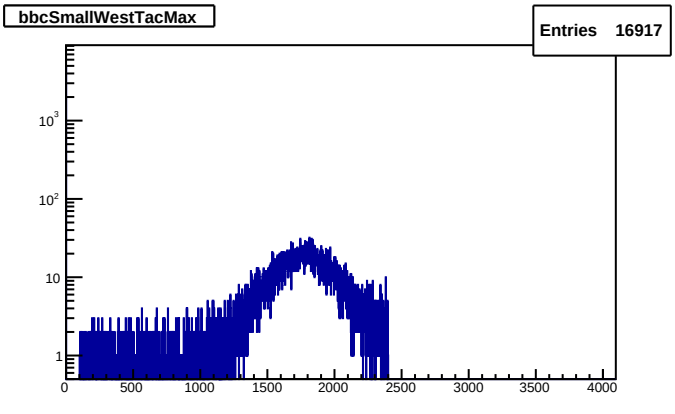

bbcSmallEastAdcSumVsSimu
Entries 7340
Data
Simu

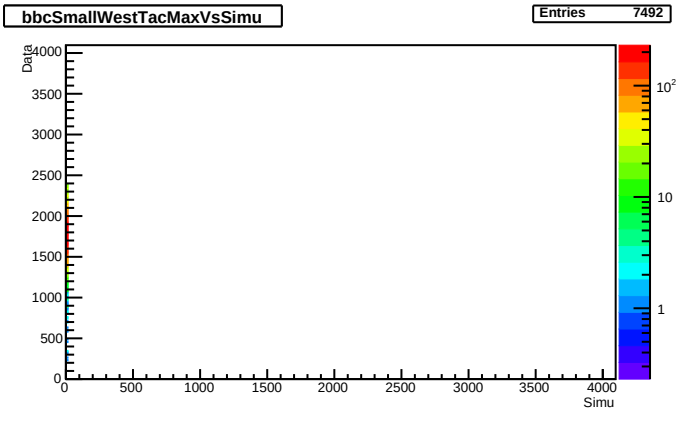

bbcSmallEastTacMax
Entries 16917

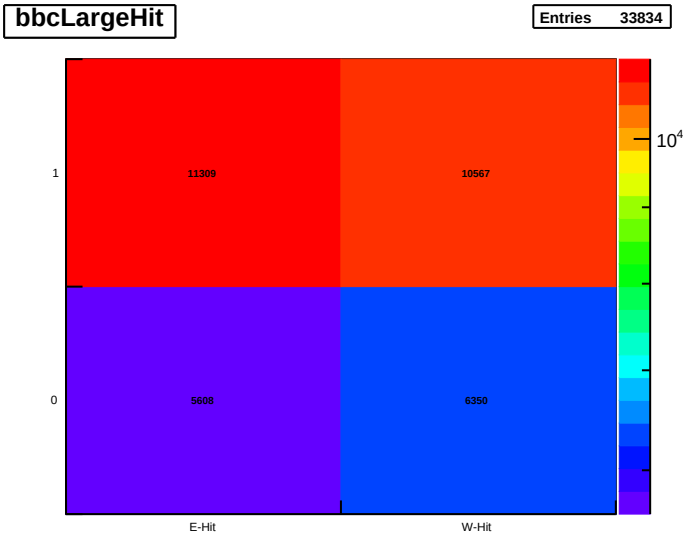

bbcSmallEastTacMaxVsSimu
Entries 7340
Data
Simu

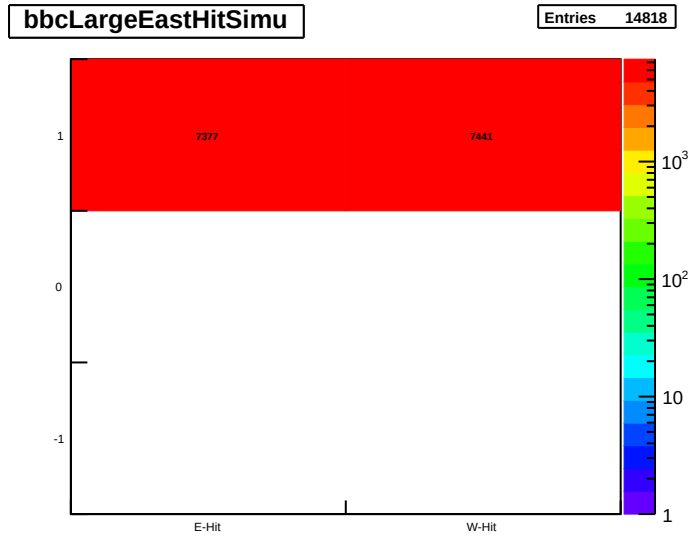

bbcSmallWestAdcSum
Entries 16917

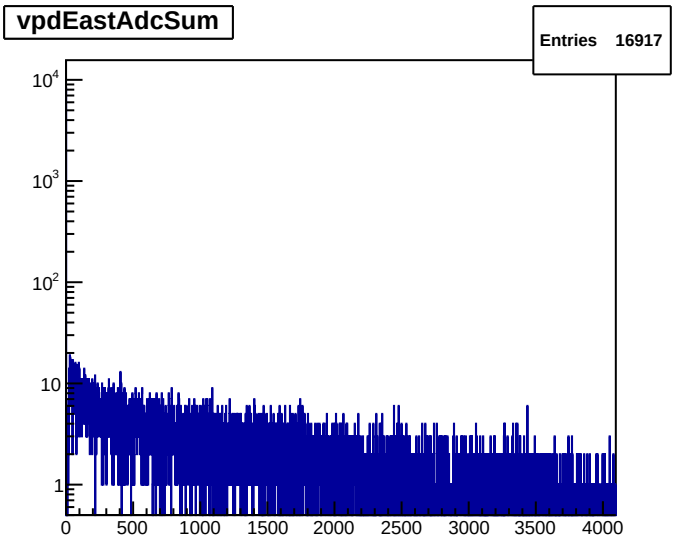

bbcSmallWestAdcSumVsSimu
Entries 7492
Data
Simu

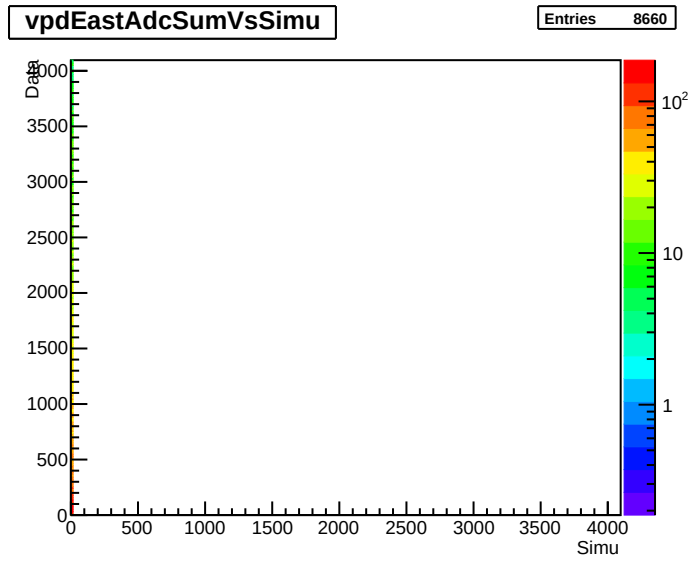

bbcSmallWestTacMax
Entries 16917

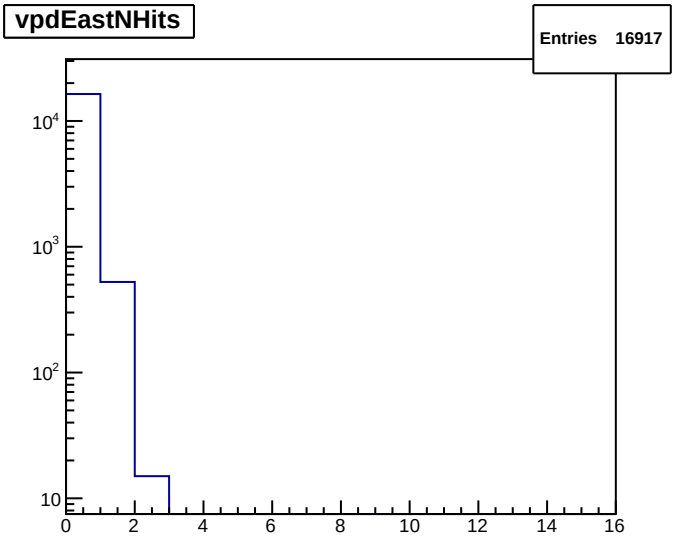

bbcSmallWestTacMaxVsSimu
Entries 7492
Data
Simu

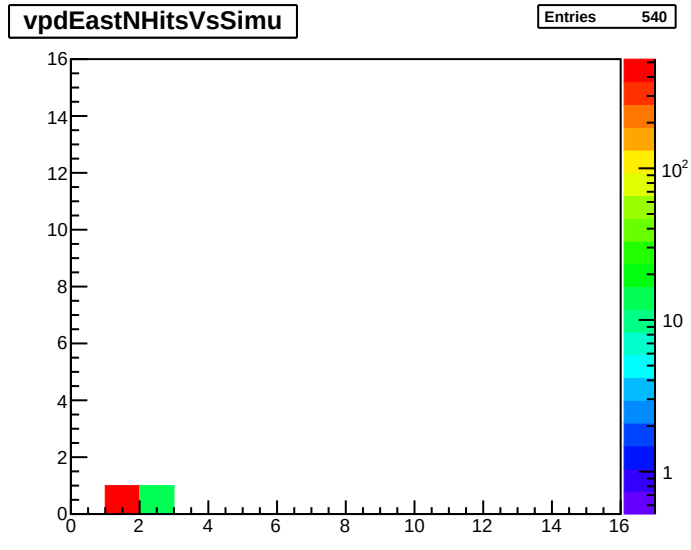

bbcLargeHit
Entries 33834
1
0
11309
10567
5608
6350
E-Hit
W-Hit
10^4

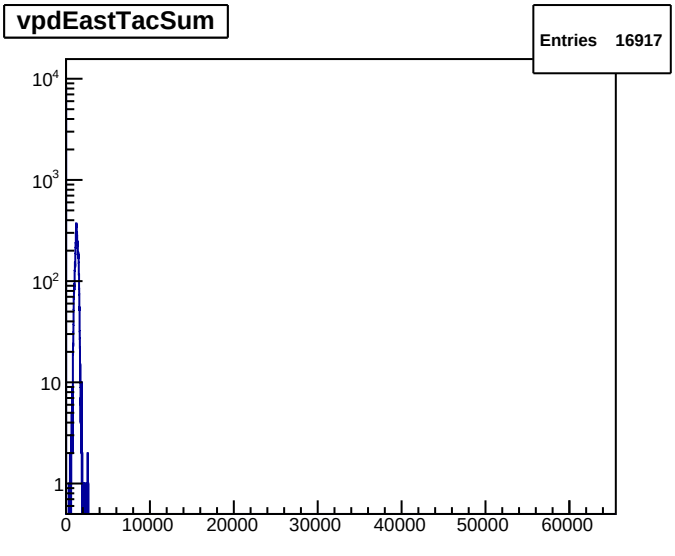

bbcLargeEastHitSimu
Entries 14818
1
0
-1
7377
7441
E-Hit
W-Hit
10^3
10^2
10
1

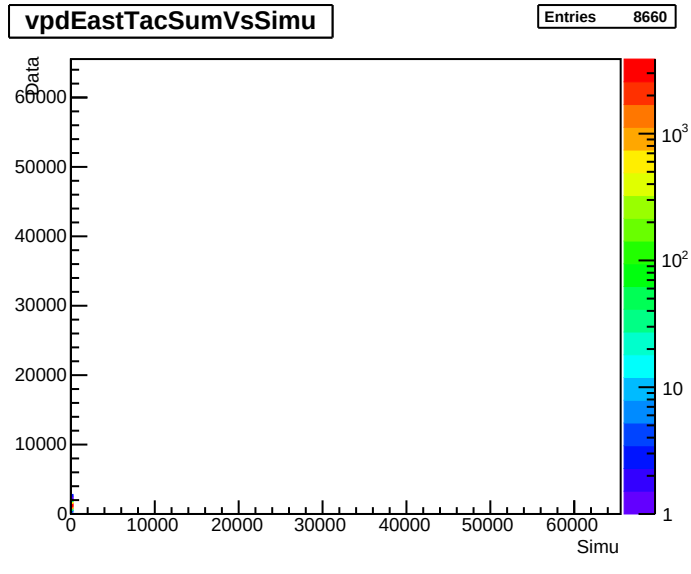

vpdEastAdcSum
Entries 16917

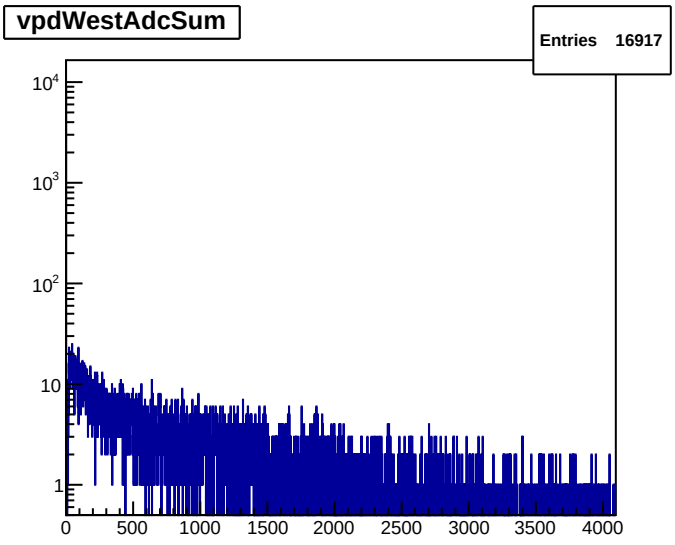

vpdEastAdcSumVsSimu
Entries 8660
Data
Simu

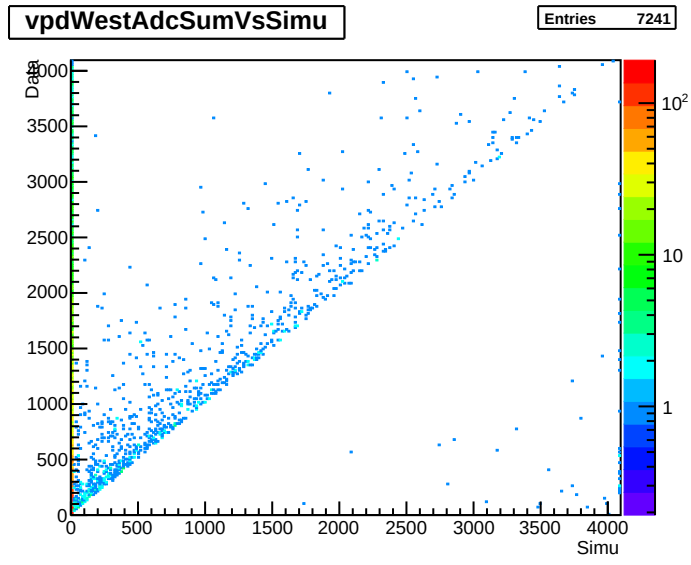

vpdEastNHits
Entries 16917

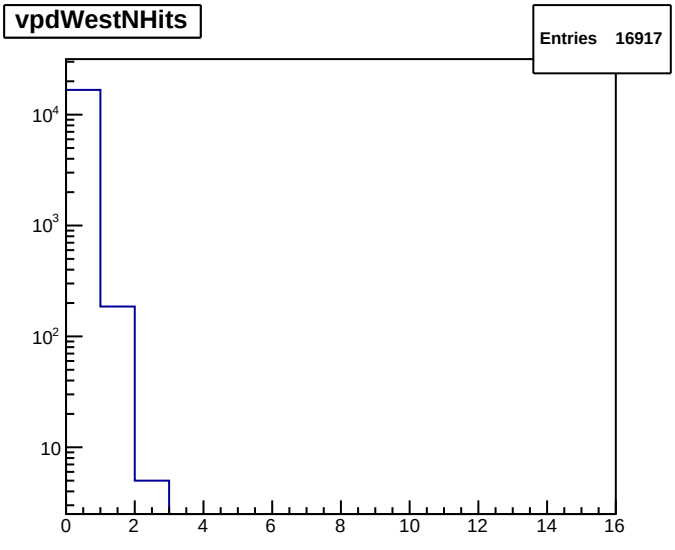

vpdEastNHitsVsSimu
Entries 540

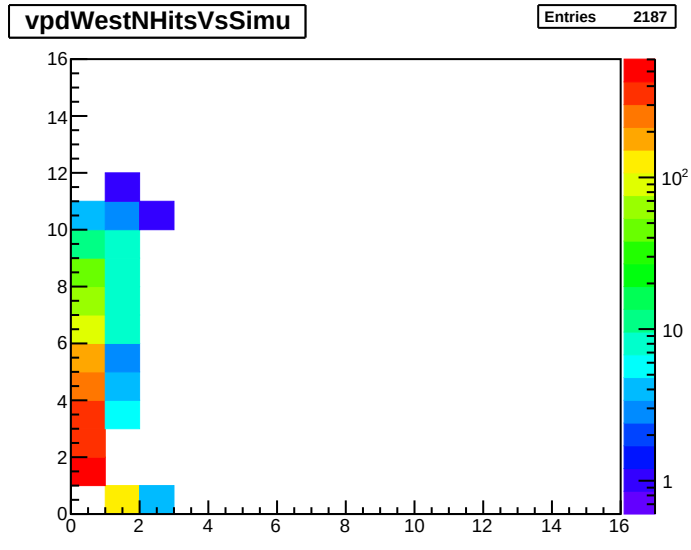

vpdEastTacSum
Entries 16917

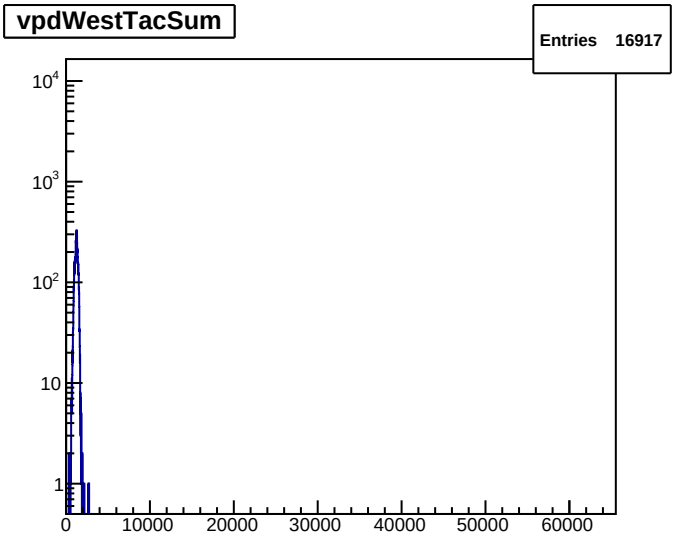

vpdEastTacSumVsSimu
Entries 8660
Data
Simu

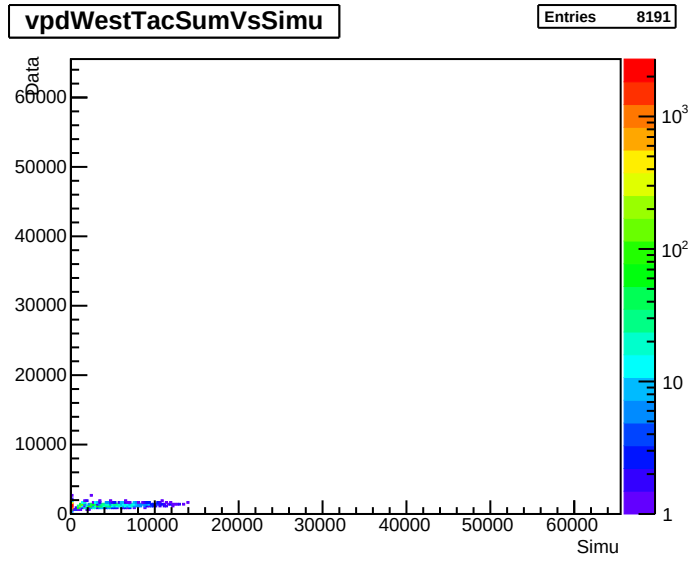

vpdWestAdcSum
Entries 16917

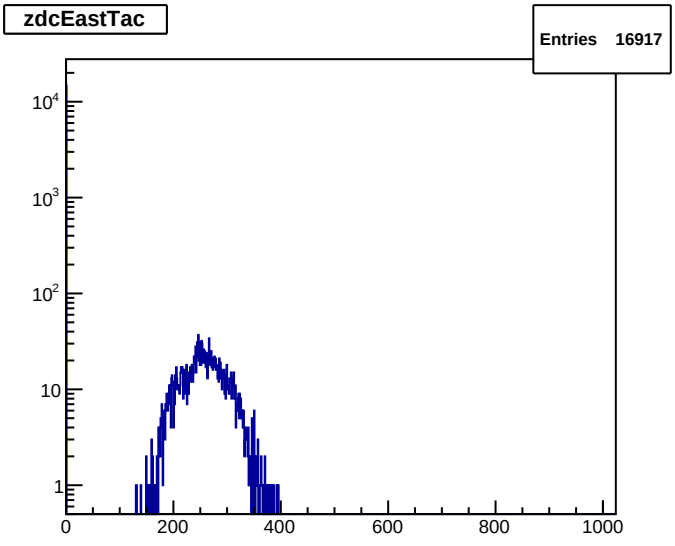

vpdWestAdcSumVsSimu
Entries 7241
Data
Simu

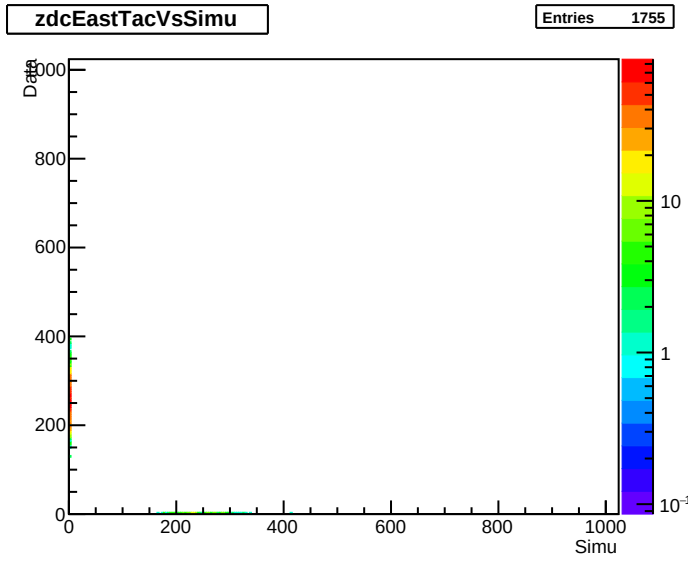

vpdWestNHits
Entries 16917

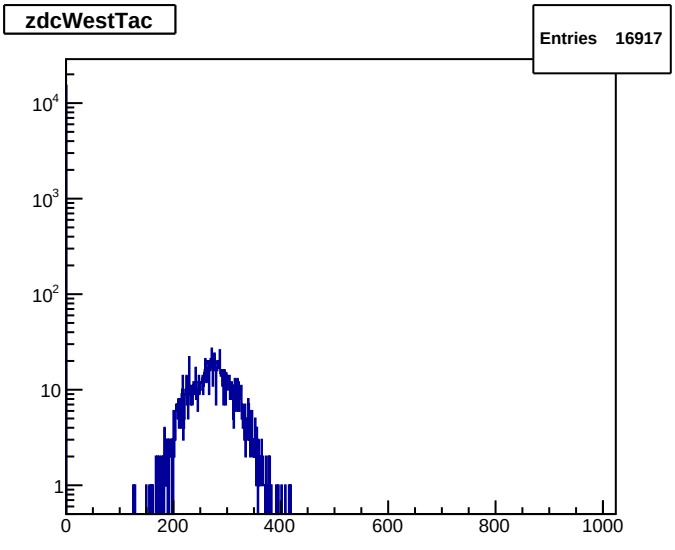

vpdWestNHitsVsSimu
Entries 2187

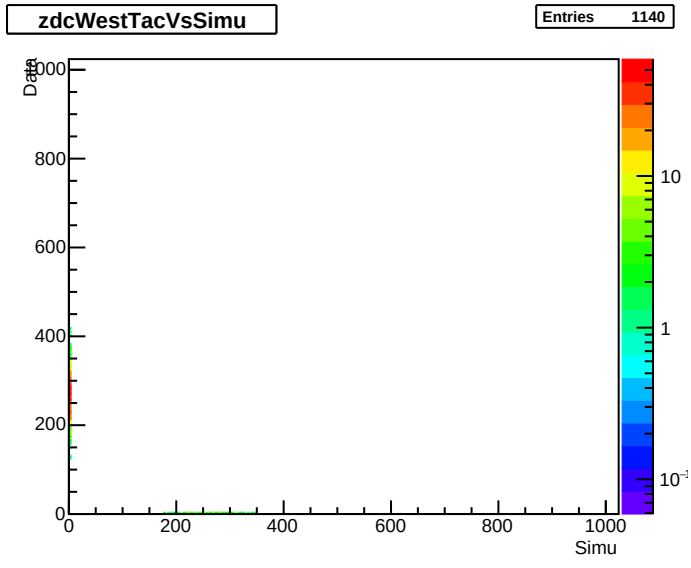

vpdWestTacSum
Entries 16917

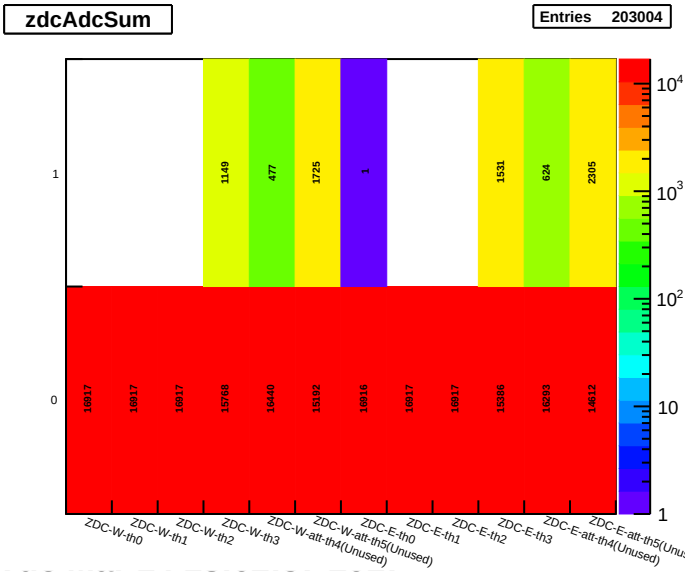

vpdWestTacSumVsSimu
Entries 8191
Data
Simu

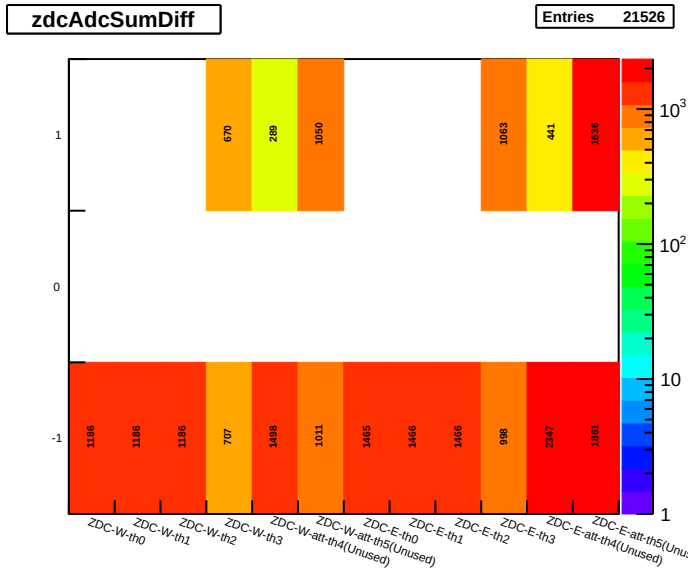

zdcEastTac
Entries 16917

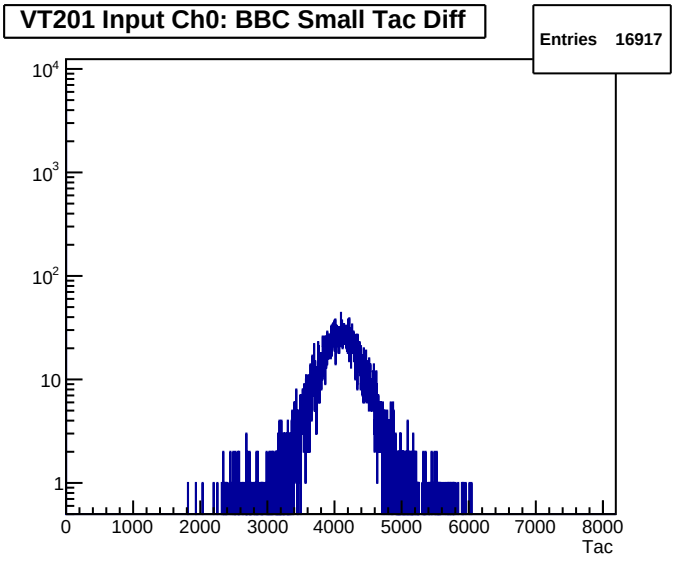

zdcEastTacVsSimu
Entries 1755
Data
Simu

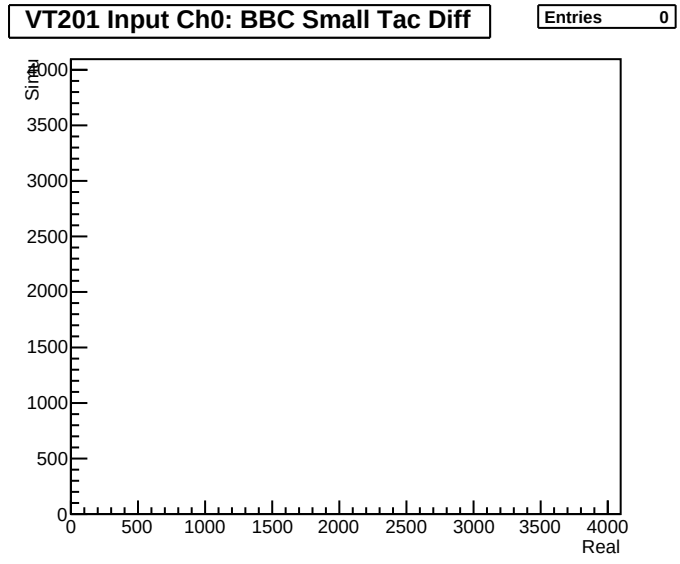

zdcWestTac
Entries 16917

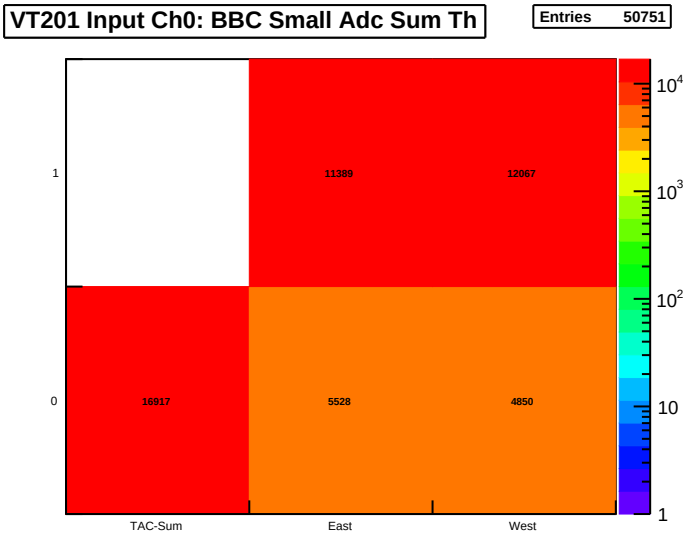

zdcWestTacVsSimu
Entries 1140
Data
Simu

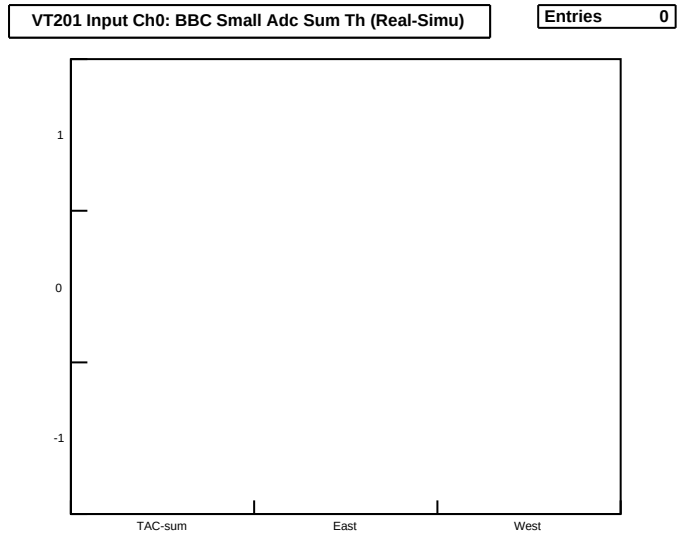

zdcAdcSum
Entries 203004
1149
477
1725
1
1531
624
2305
16917
16917
16917
15768
16440
15192
16916
16917
16917
15386
16293
14612
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

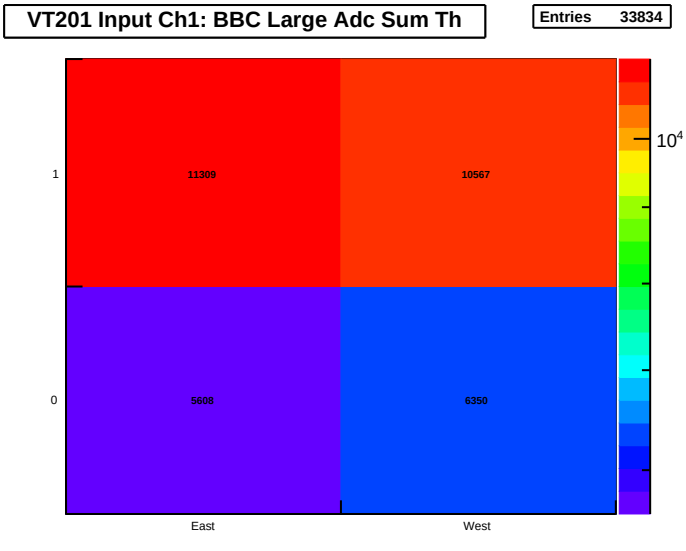

zdcAdcSumDiff
Entries 21526
670
299
1050
1063
441
1636
1186
1186
1186
707
1498
1011
1465
1466
1466
998
2347
1861
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

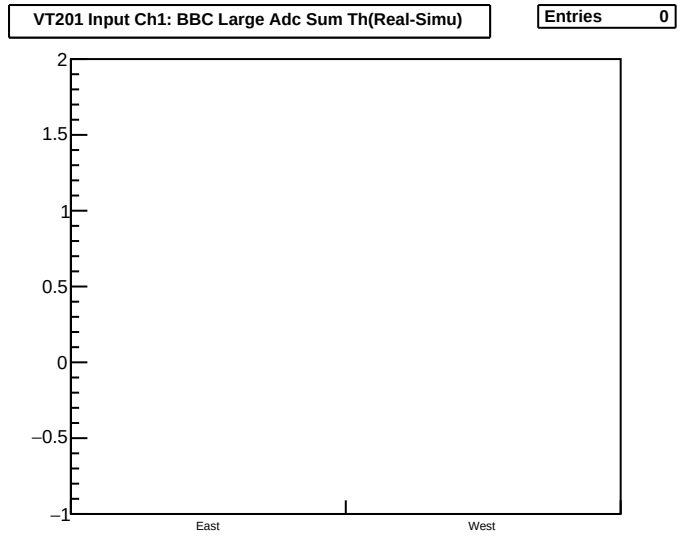

VT201 Input Ch0: BBC Small Tac Diff
Entries 16917
Tac


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

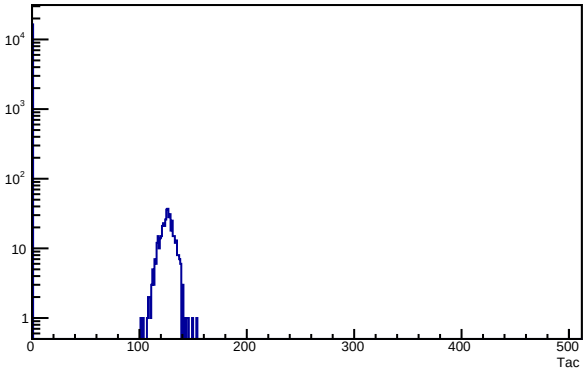

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 50751
11389
12067
16917
5528
4850
TAC-Sum
East
West


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

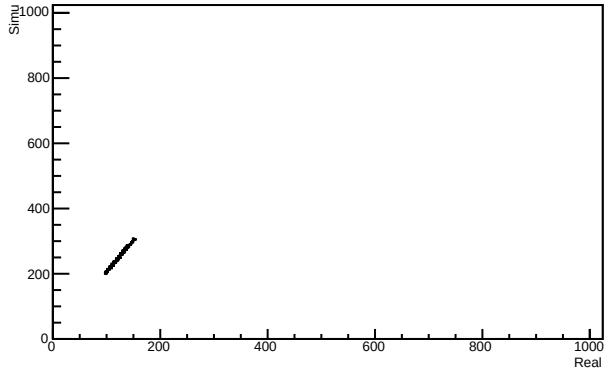

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 33834
11309
10567
5608
6350
East
West


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

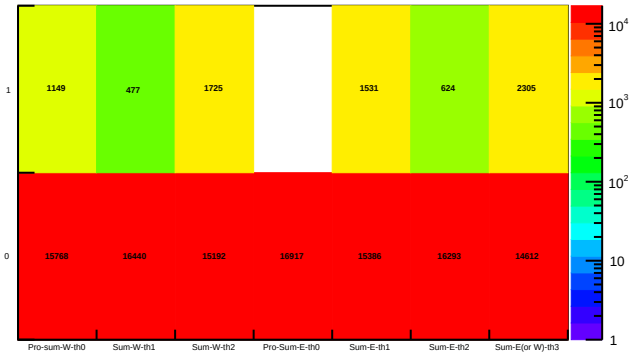
VT201 Input Ch2: ZDC Tac Diff



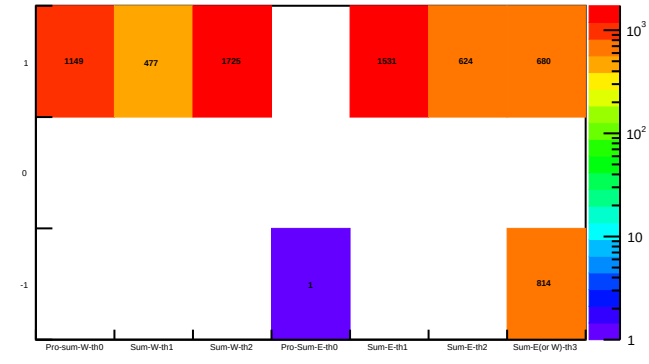
VT201 Input Ch2: ZDC Tac Diff



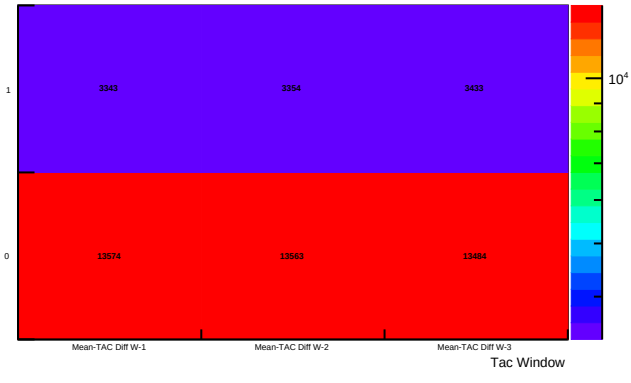
VT201 Input Ch2: ZDC Adc Sum Th



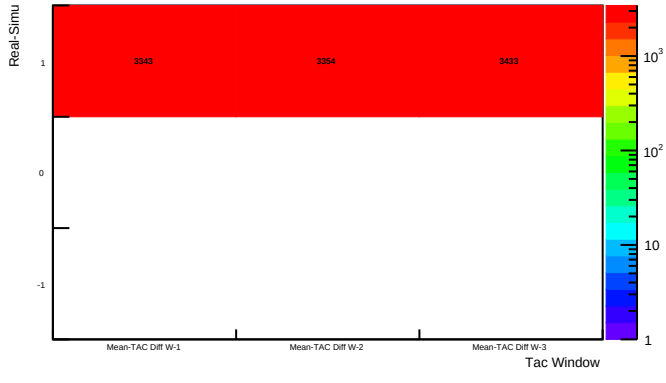
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



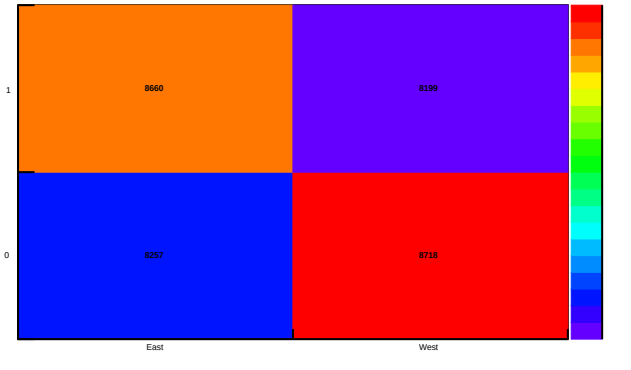
VT201 Input Ch4: VPD Tac Diff



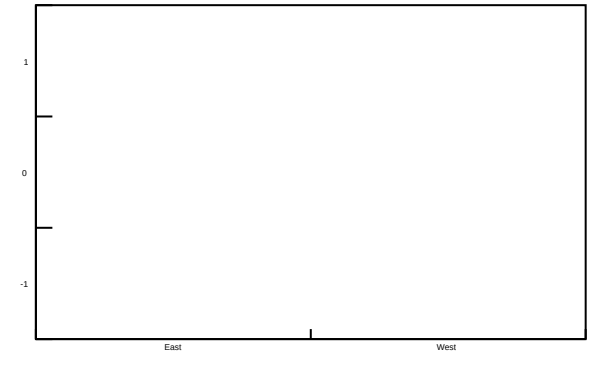
VT201 Input Ch4: VPD Tac Diff

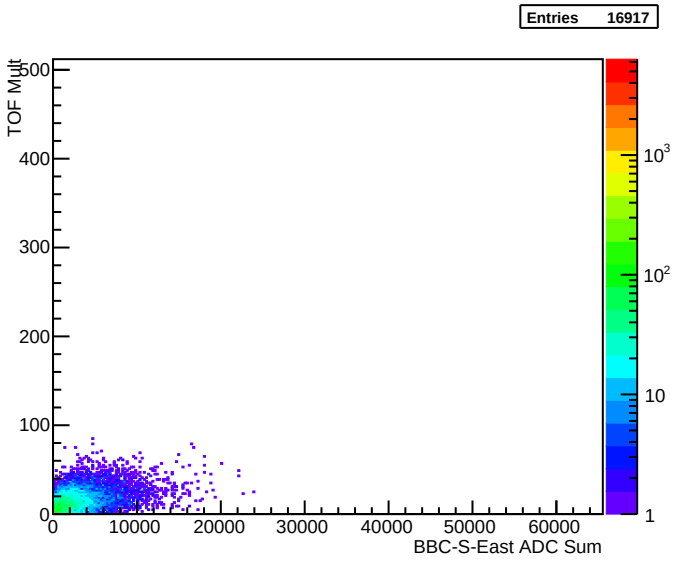


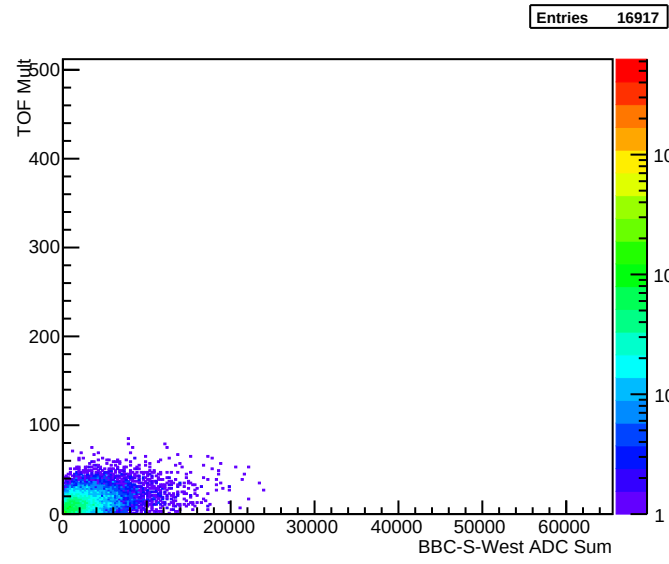
VT201 Input Ch4: VPD Adc Sum Th

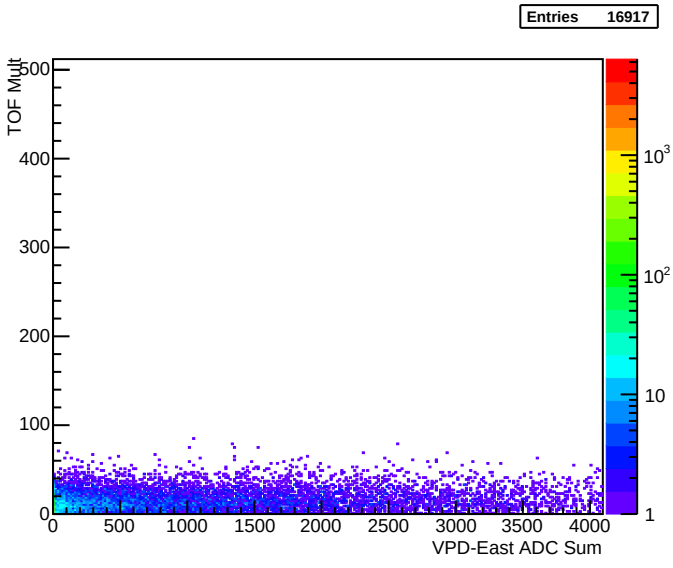


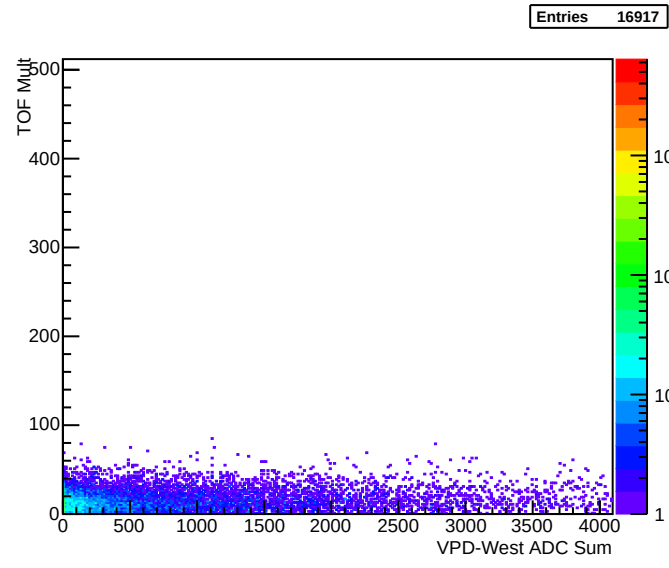
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

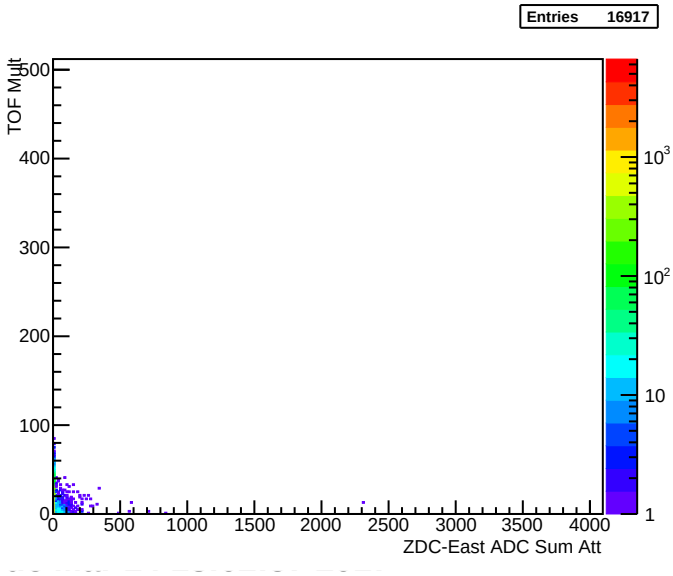


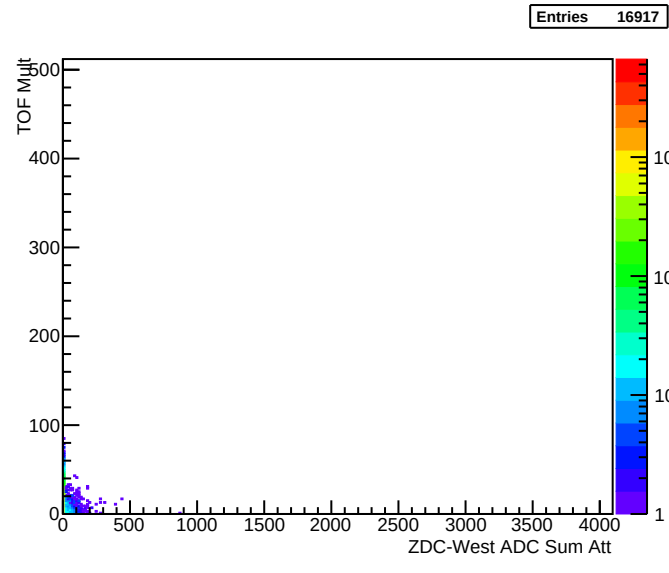

Entries 16917
TOF Mult
BBC-S-East ADC Sum

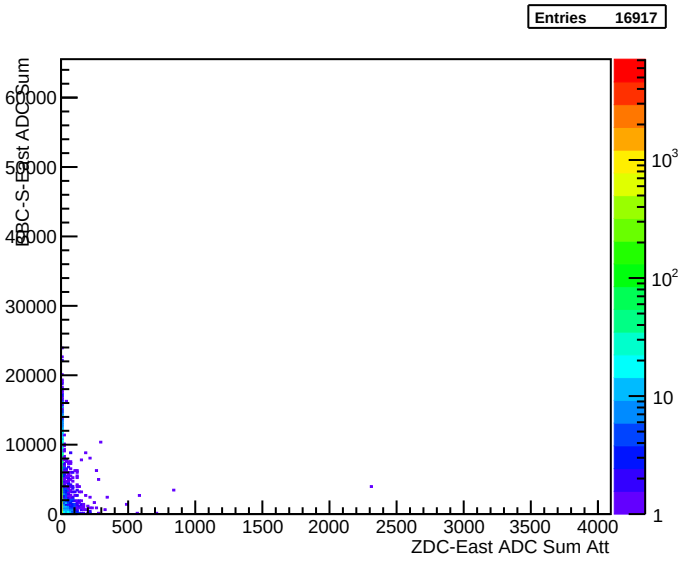

Entries 16917
TOF Mult
BBC-S-West ADC Sum

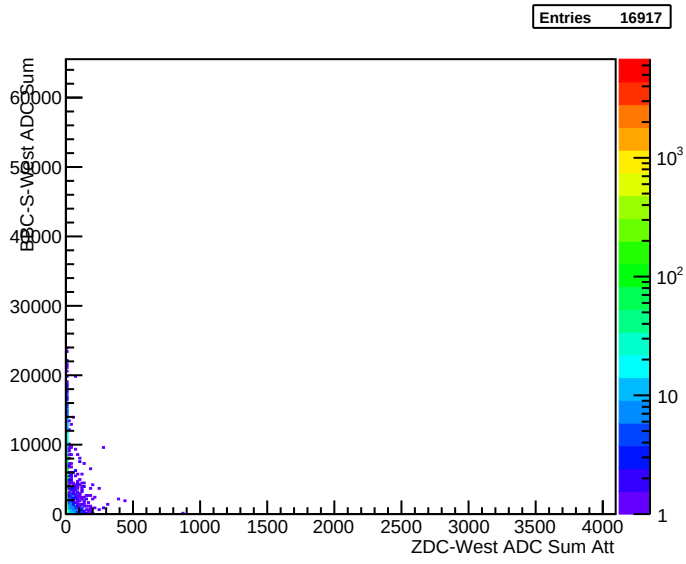

Entries 16917
TOF Mult
VPD-East ADC Sum

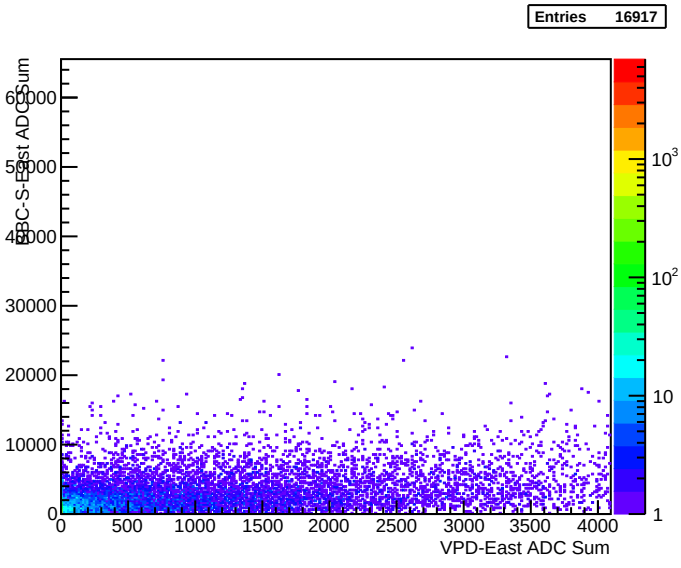

Entries 16917
TOF Mult
VPD-West ADC Sum

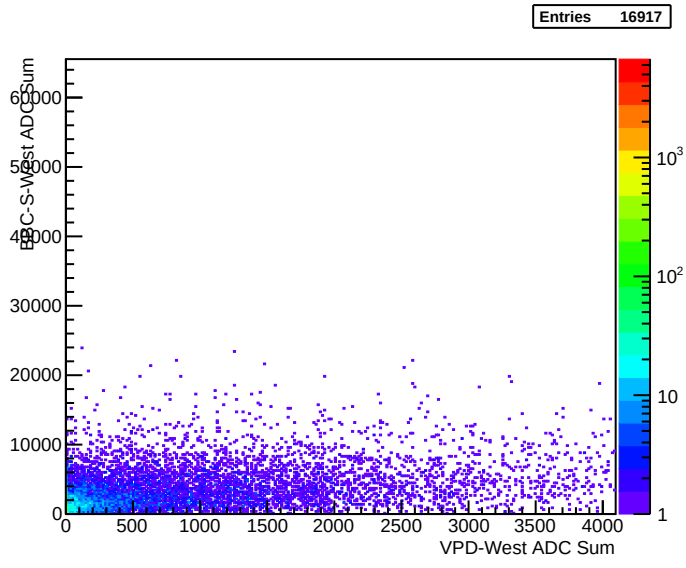

Entries 16917
TOF Mult
ZDC-East ADC Sum Att

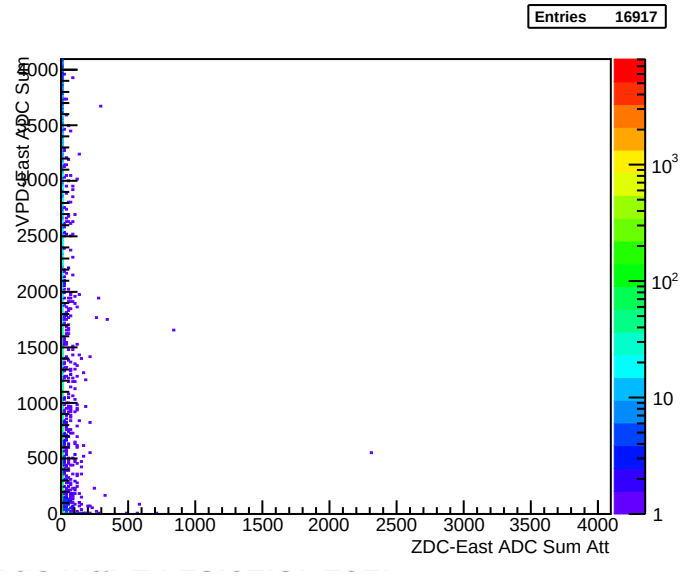

Entries 16917
TOF Mult
ZDC-West ADC Sum Att

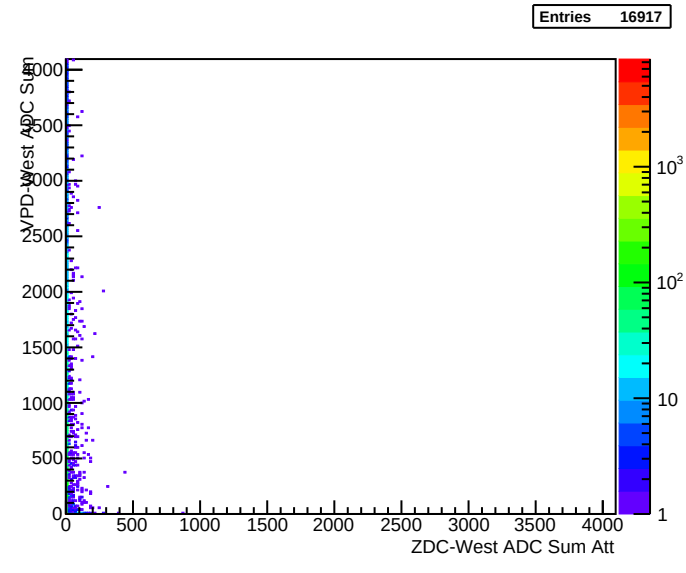

Entries 16917
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

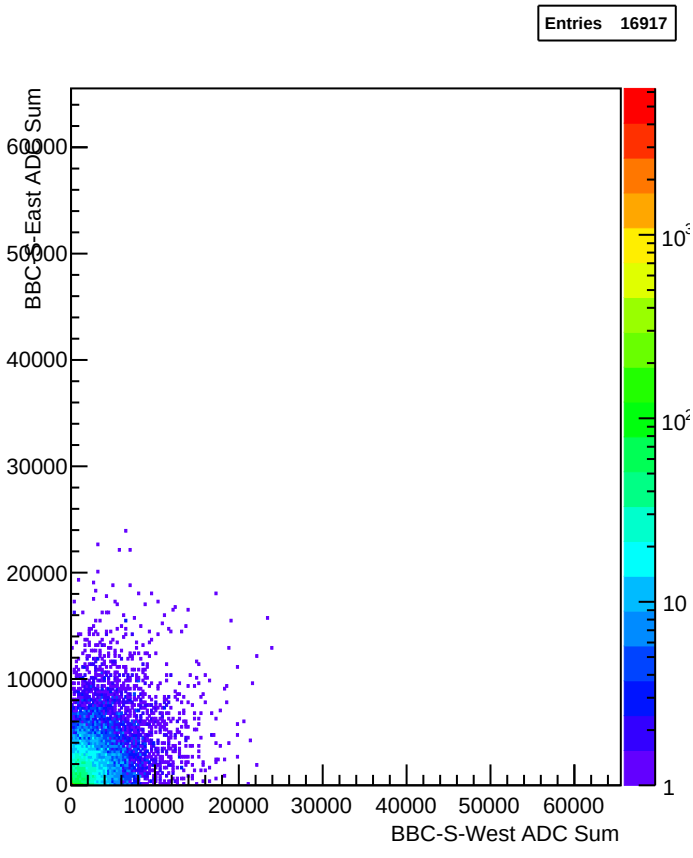

Entries 16917
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

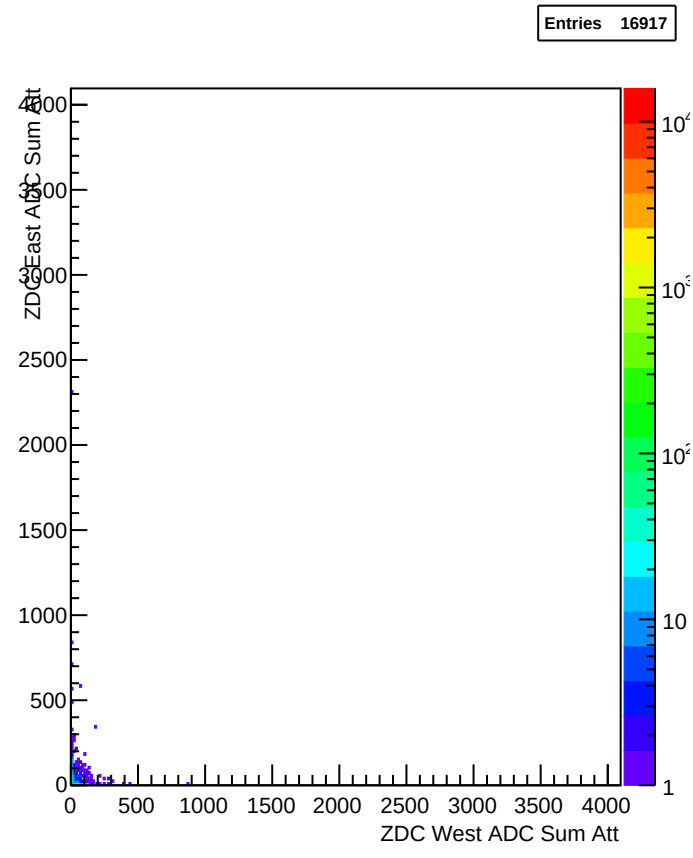

Entries 16917
BBC-S-East ADC Sum
VPD-East ADC Sum

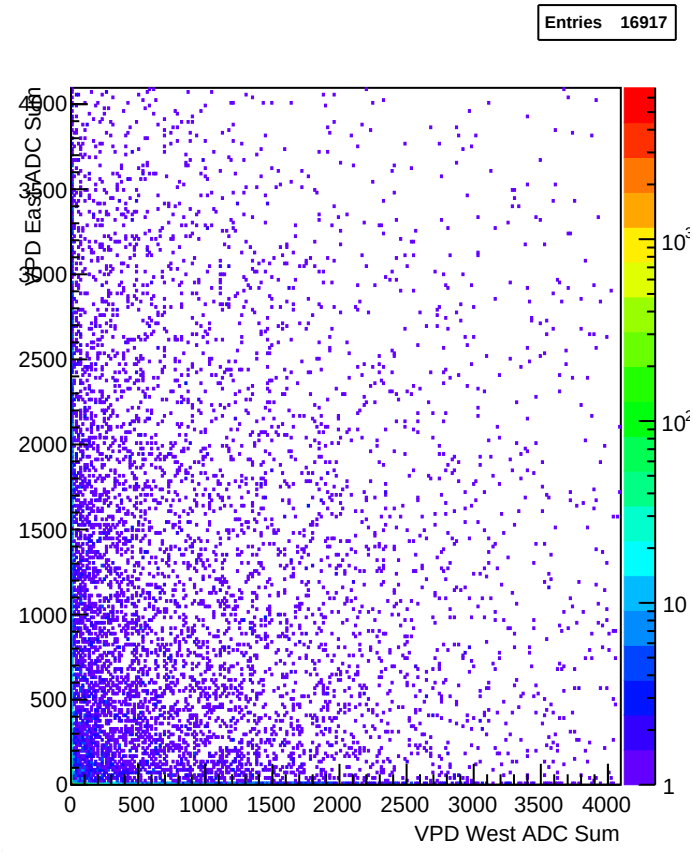

Entries 16917
BBC-S-West ADC Sum
VPD-West ADC Sum

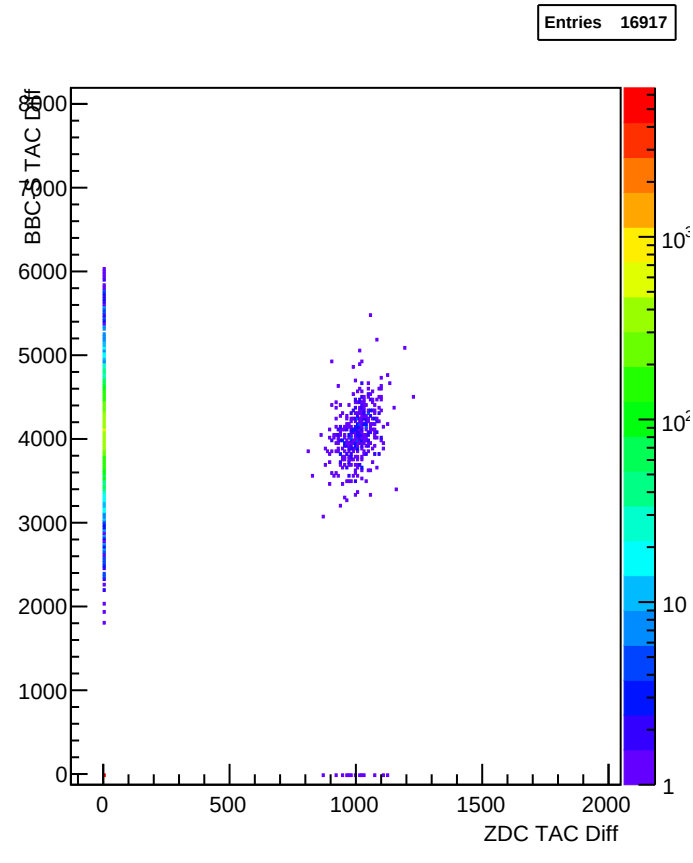

Entries 16917
VPD-East ADC Sum
ZDC-East ADC Sum Att

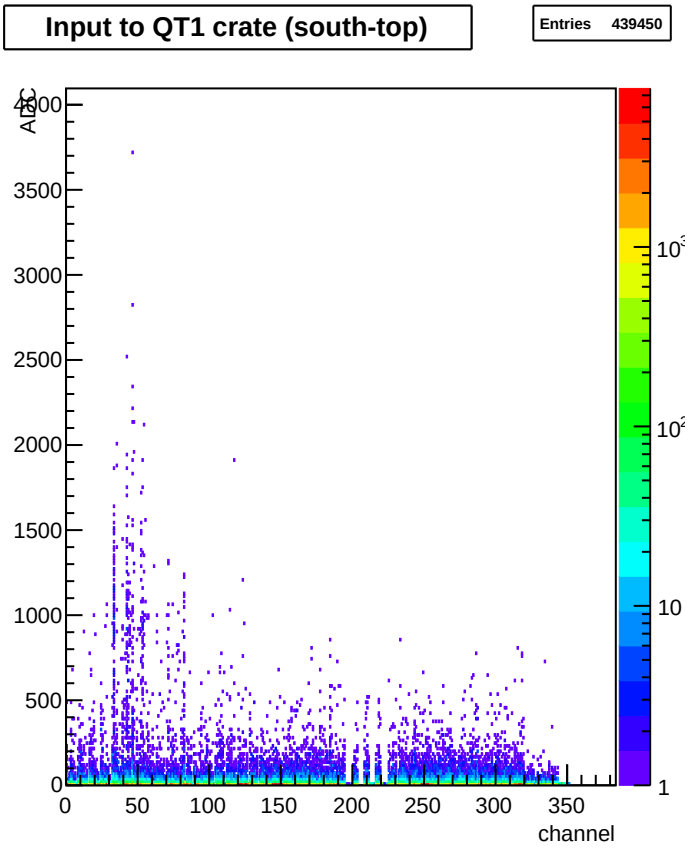

Entries 16917
VPD-West ADC Sum
ZDC-West ADC Sum Att

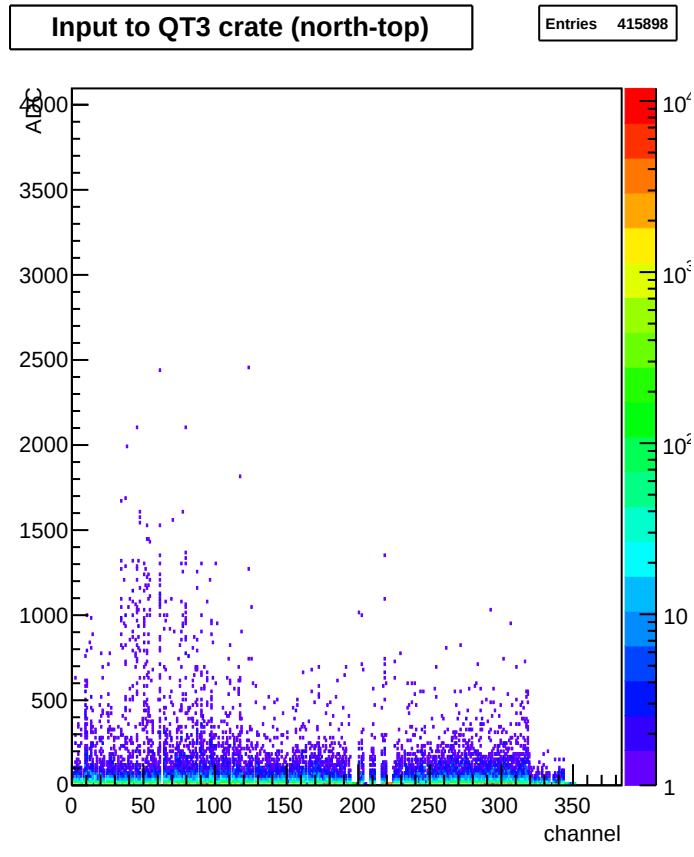

Entries 16917
BBC-S-East ADC Sum
BBC-S-West ADC Sum

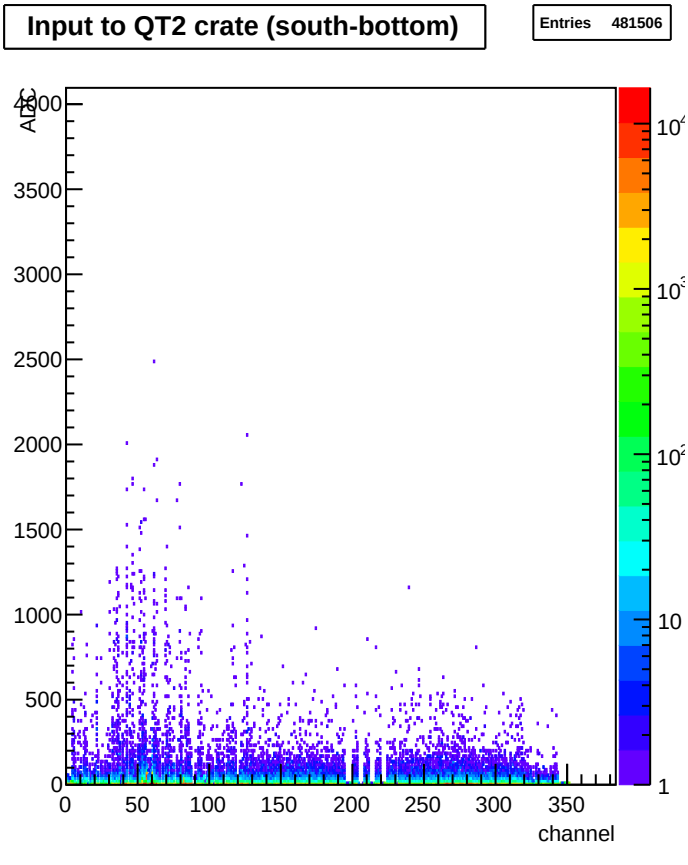

Entries 16917
ZDC East ADC Sum Att
ZDC West ADC Sum Att

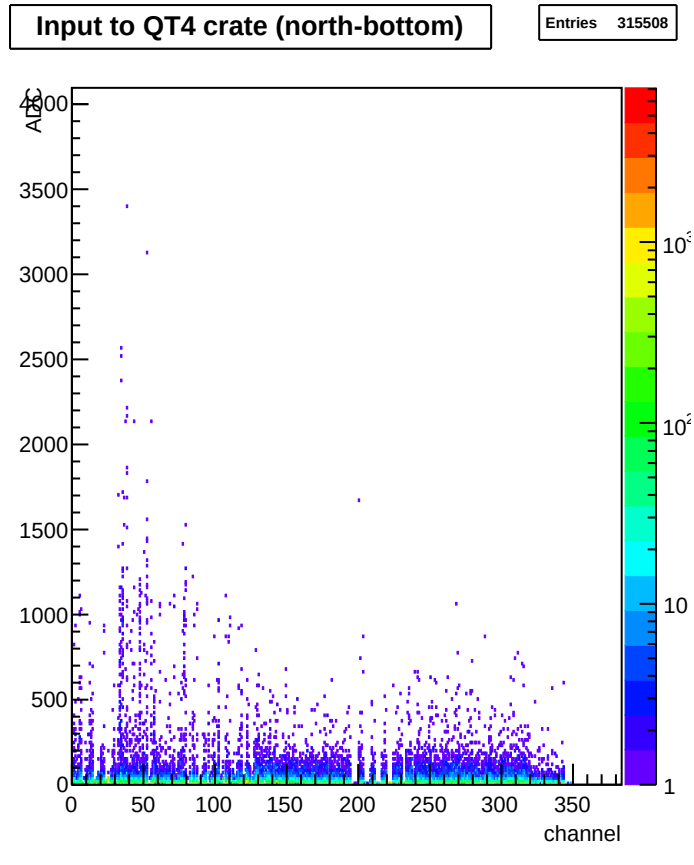

Entries 16917
VPD East ADC Sum
VPD West ADC Sum

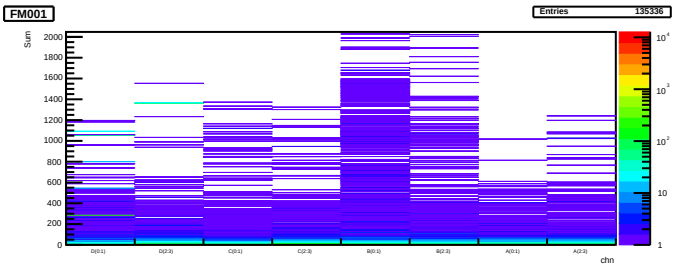

Entries 16917
BBC-S TAC Diff
ZDC TAC Diff

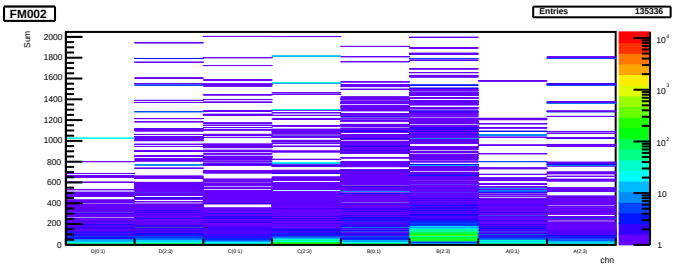

Input to QT1 crate (south-top)
Entries 439450
ADC
channel

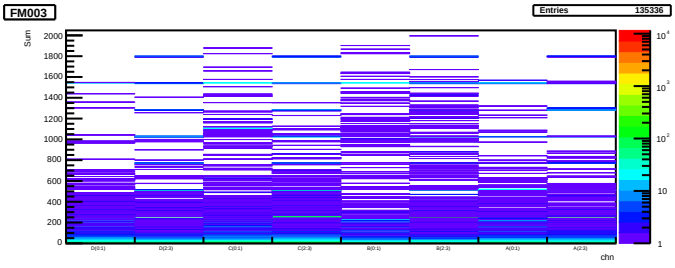

Input to QT3 crate (north-top)
Entries 415898
ADC
channel

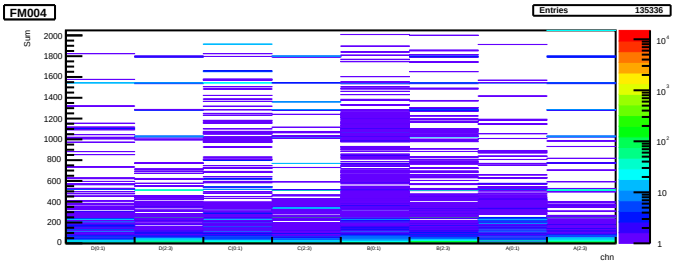

Input to QT2 crate (south-bottom)
Entries 481506
ADC
channel

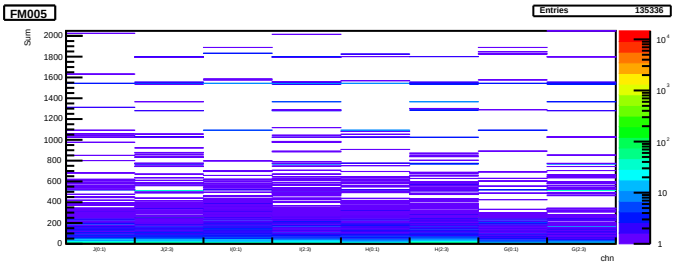

Input to QT4 crate (north-bottom)
Entries 315508
ADC
channel

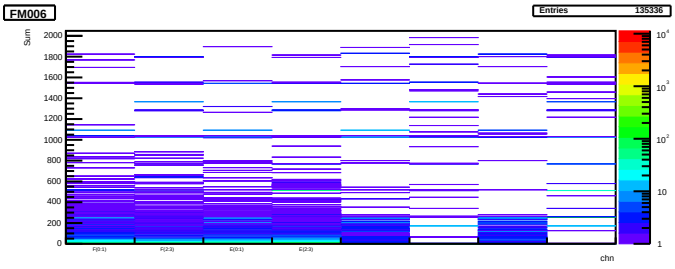

FM001
Entries 135336
Sum
chn

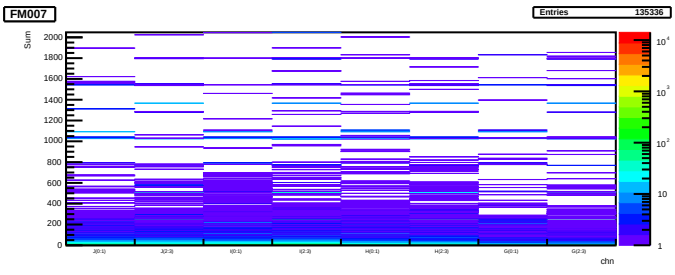

FM002
Entries 135336
Sum
chn

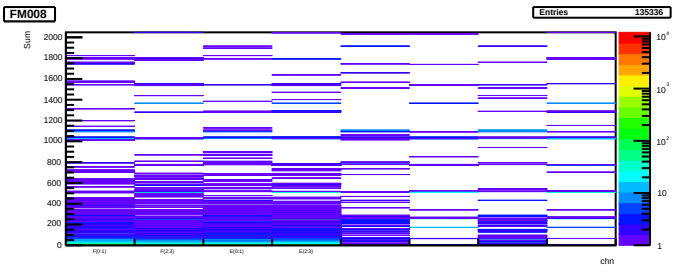

FM003
Entries 135336
Sum
chn

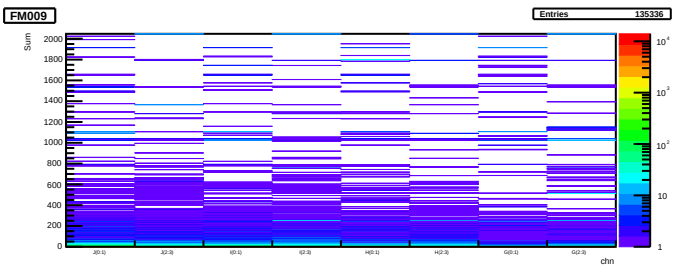

FM004
Entries 135336
Sum
chn

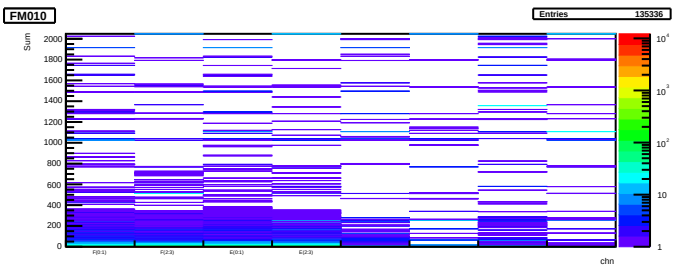

FM005
Entries 135336
Sum
chn

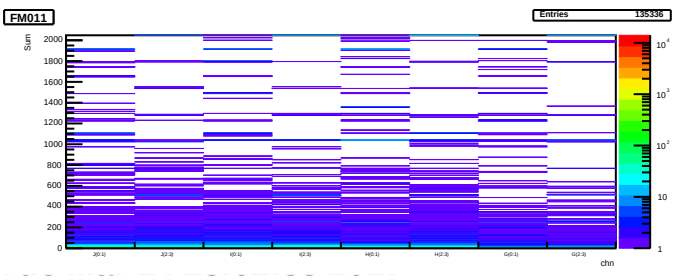

FM006
Entries 135336
Sum
chn


FM007
Entries 135336
Sum
chn


FM008
Entries 135336
Sum
chn


FM009
Entries 135336
Sum
chn


FM010
Entries 135336
Sum
chn


FM011
Entries 135336
Sum
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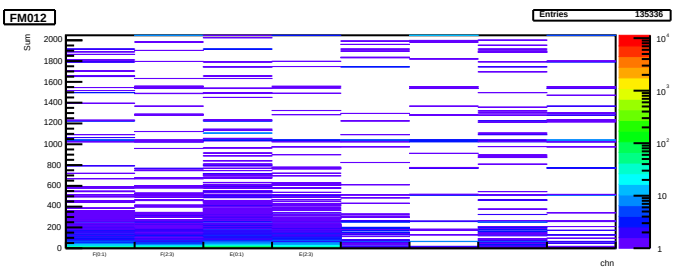
FM012
Entries 135336
Sum
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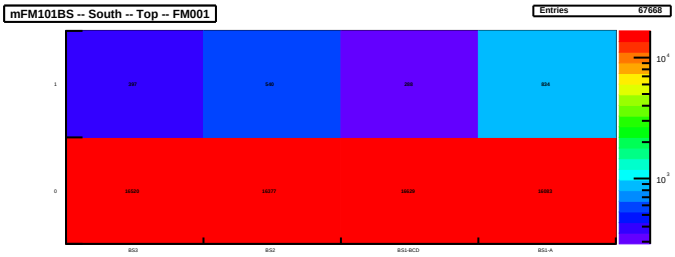
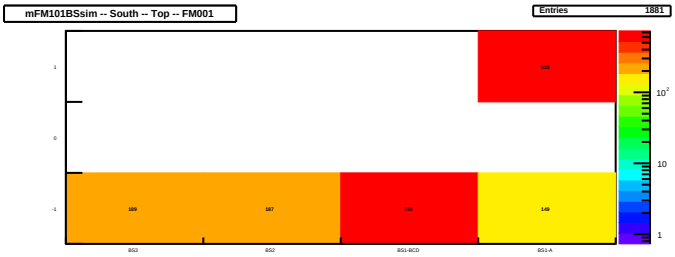
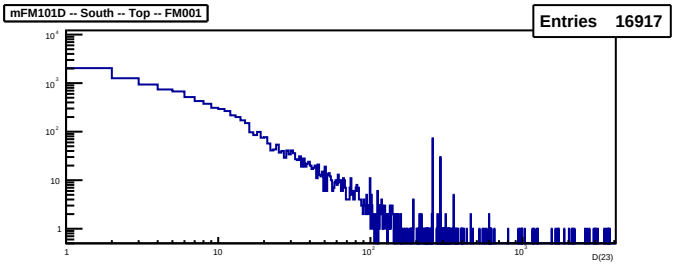
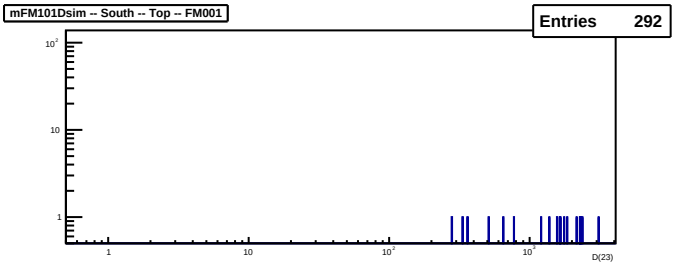
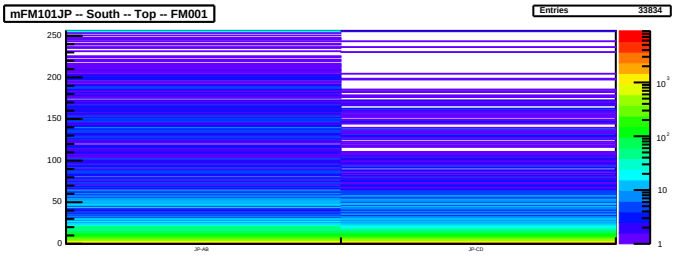
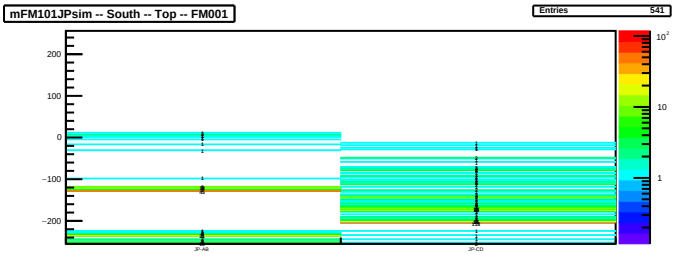

mFM101BS -- South -- Top -- FM001
Entries 67668
347
540
268
834
16520
16377
16629
16083
BS3
BS2
BS1-BCD
BS1-A

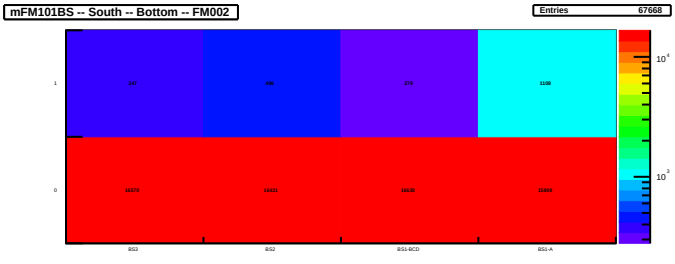

mFM101BSsim -- South -- Top -- FM001
Entries 1881
623
189
187
733
149
BS3
BS2
BS1-BCD
BS1-A

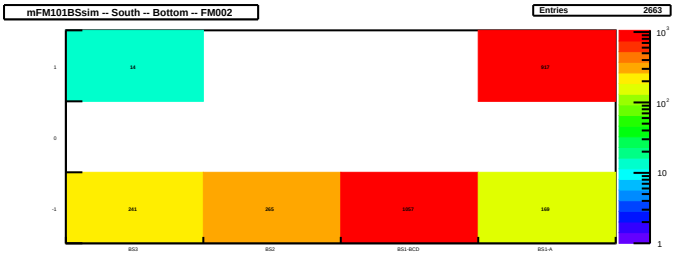

mFM101D -- South -- Top -- FM001
Entries 16917
D(23)

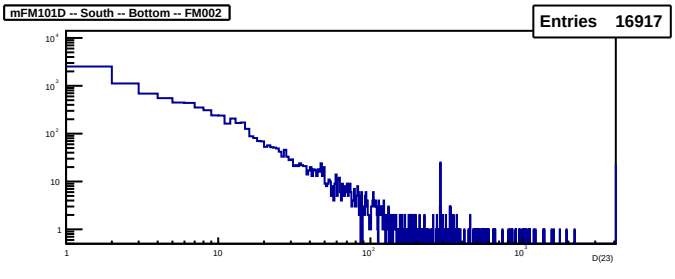

mFM101Dsim -- South -- Top -- FM001
Entries 292
D(23)

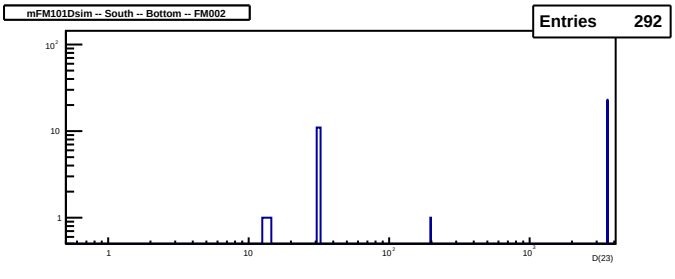

mFM101JP -- South -- Top -- FM001
Entries 33834
JP-AB
JP-CD

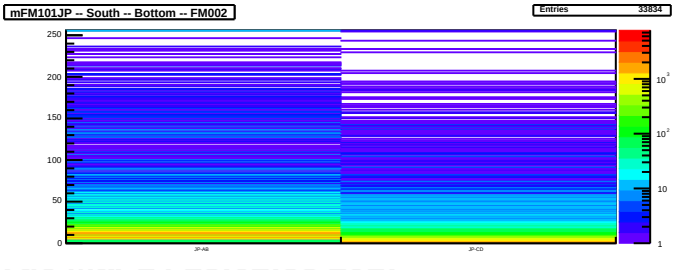

mFM101JPsim -- South -- Top -- FM001
Entries 541
JP-AB
JP-CD

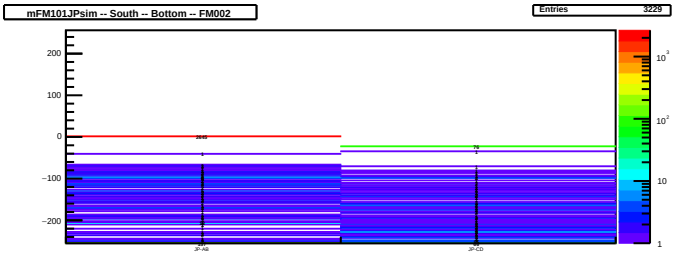

mFM101BS -- South -- Bottom -- FM002
Entries 67668
347
496
279
1158
16570
16421
16638
15809
BS3
BS2
BS1-BCD
BS1-A

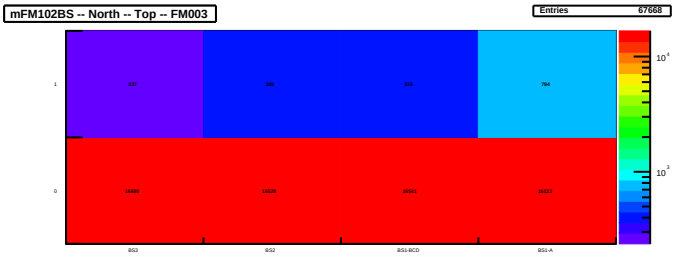

mFM101BSsim -- South -- Bottom -- FM002
Entries 2663
14
917
241
265
1057
168
BS3
BS2
BS1-BCD
BS1-A

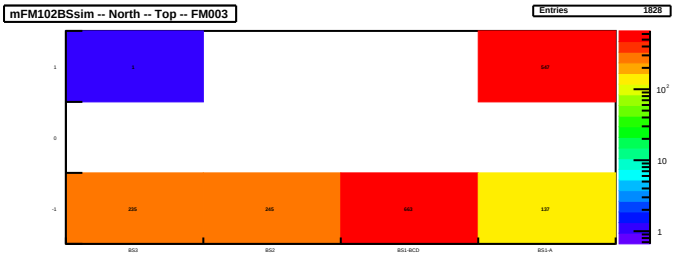

mFM101D -- South -- Bottom -- FM002
Entries 16917
D(23)

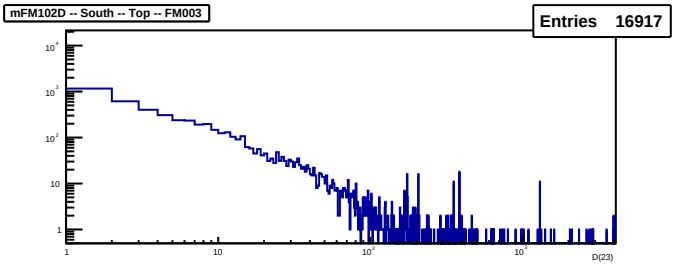

mFM101Dsim -- South -- Bottom -- FM002
Entries 292
D(23)

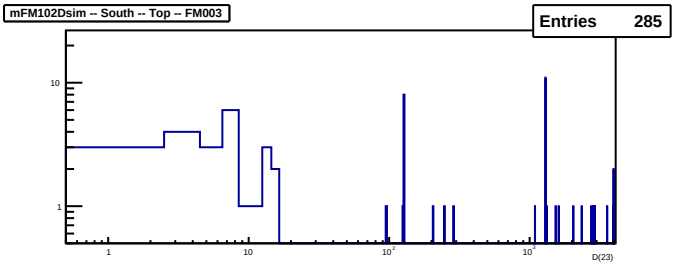

mFM101JP -- South -- Bottom -- FM002
Entries 33834
JP-AB
JP-CD


mFM101JPsim -- South -- Bottom -- FM002
Entries 3229
2446
79
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 67668


mFM102BSsim -- North -- Top -- FM003
Entries 1828


mFM102D -- South -- Top -- FM003
Entries 16917
D(23)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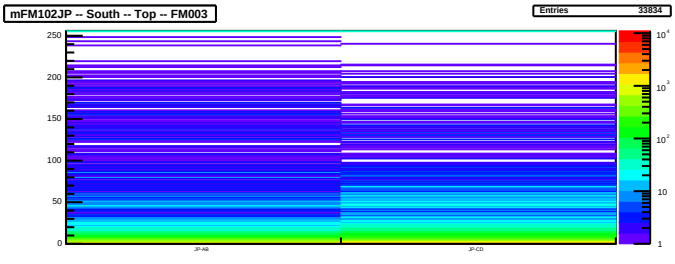
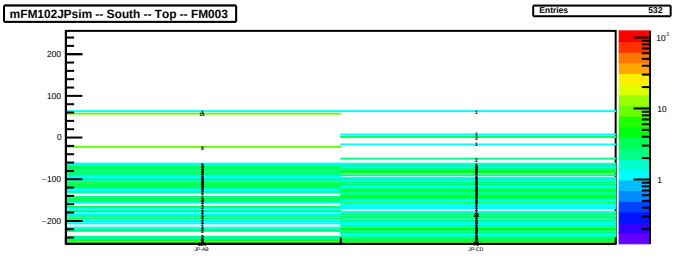
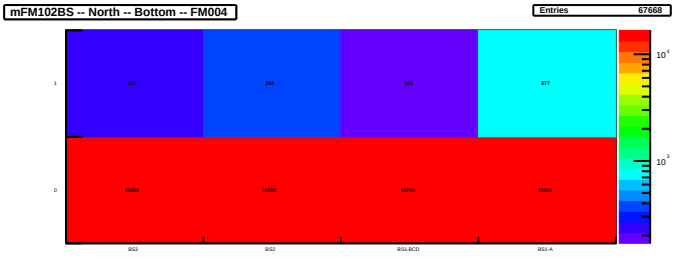
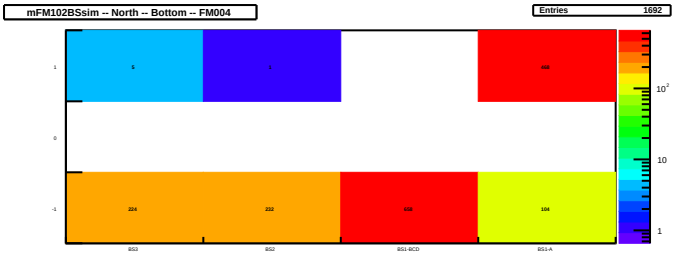
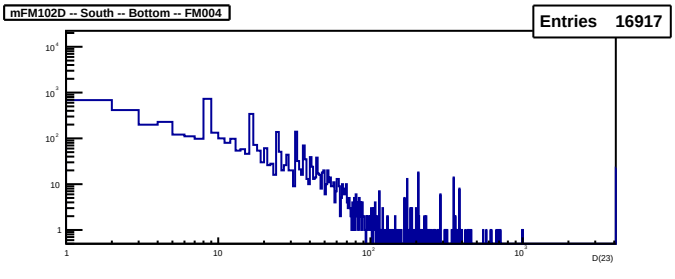
Entries 285
D(23)

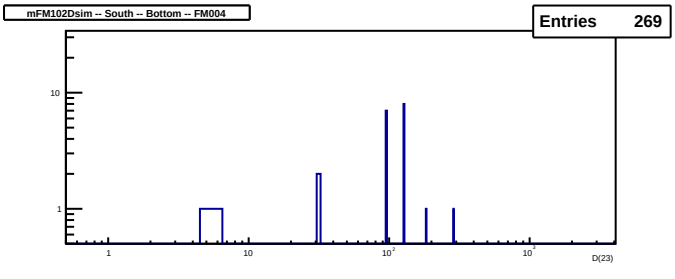

mFM102JP -- South -- Top -- FM003
Entries 33834

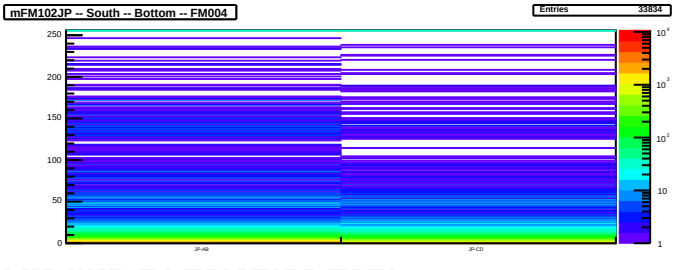

mFM102JPsim -- South -- Top -- FM003
Entries 532

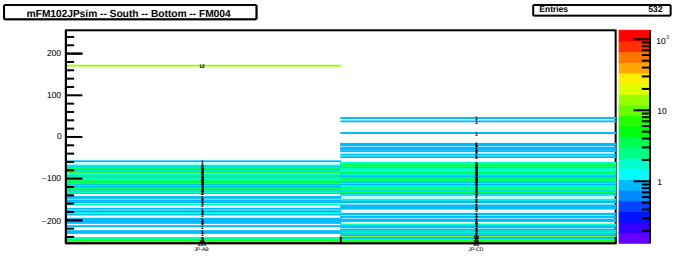

mFM102BS -- North -- Bottom -- FM004
Entries 67668

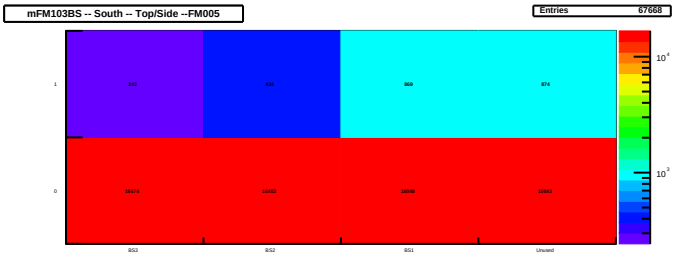

mFM102BSsim -- North -- Bottom -- FM004
Entries 1692

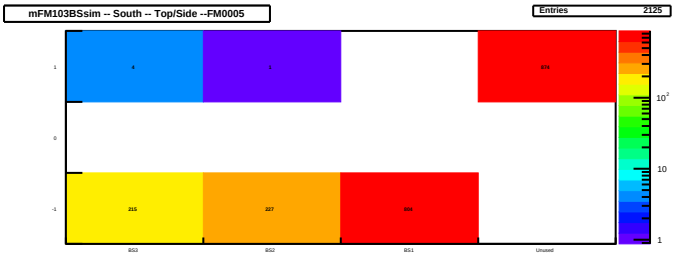

mFM102D -- South -- Bottom -- FM004
Entries 16917
D(23)

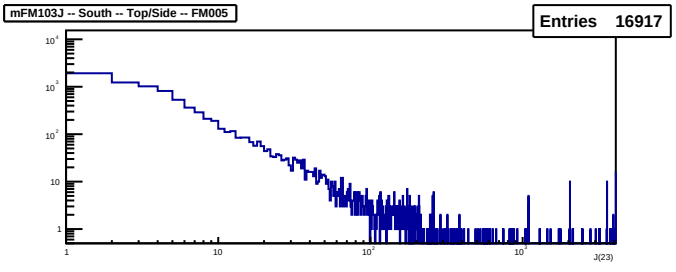

mFM102Dsim -- South -- Bottom -- FM004
Entries 269
D(23)

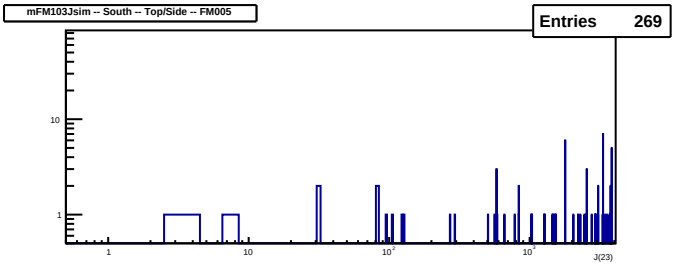

mFM102JP -- South -- Bottom -- FM004
Entries 33834


mFM102JPsim -- South -- Bottom -- FM004
Entries 532


mFM103BS -- South -- Top/Side --FM005
Entries 67668


mFM103BSsim -- South -- Top/Side --FM0005
Entries 2125


mFM103J -- South -- Top/Side -- FM005
Entries 16917
J(23)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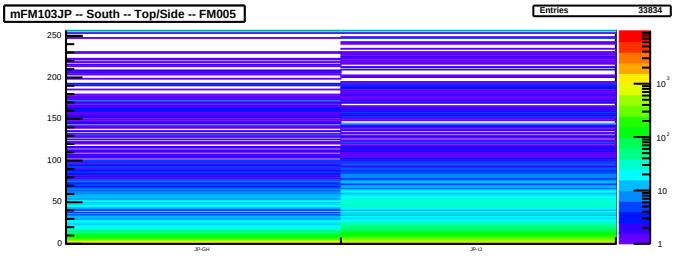
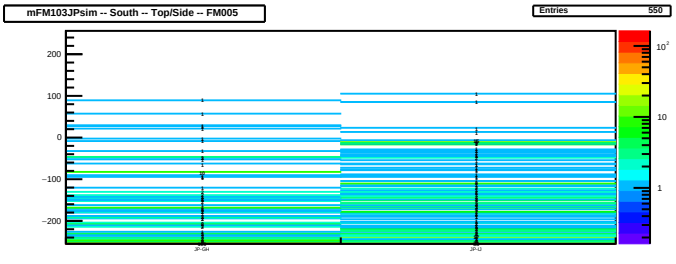
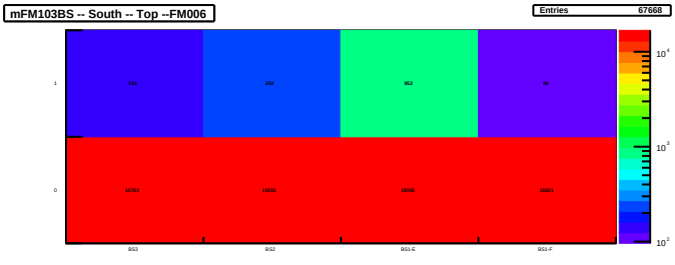
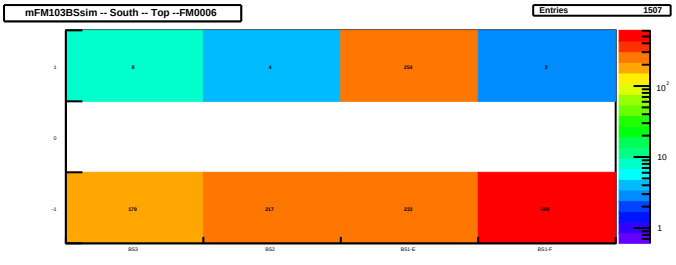
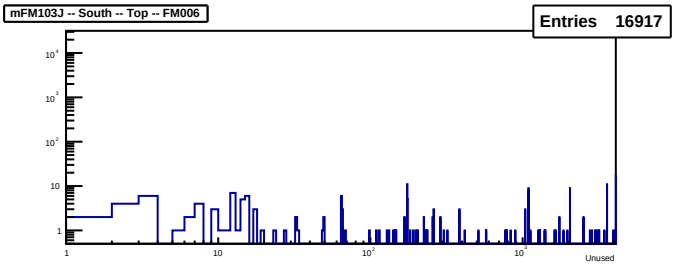
Entries 269
J(23)

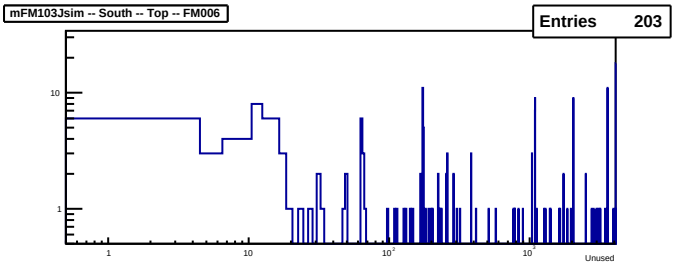

mFM103JP -- South -- Top/Side -- FM005
Entries 33834

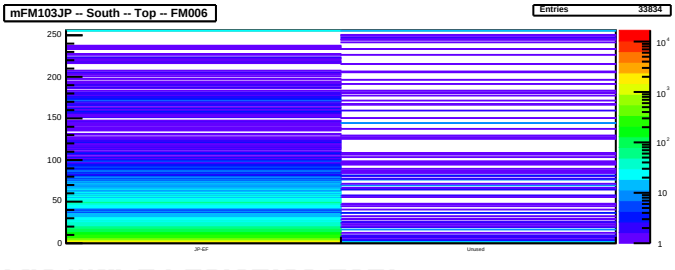

mFM103JPsim -- South -- Top/Side -- FM005
Entries 550

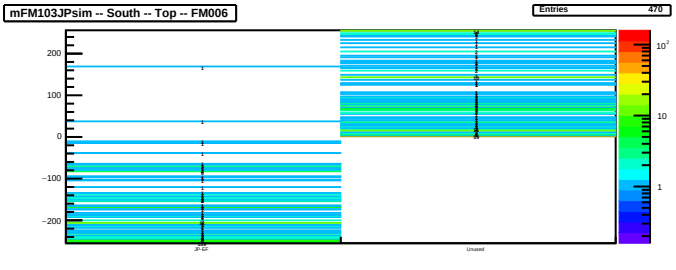

mFM103BS -- South -- Top --FM006
Entries 67668

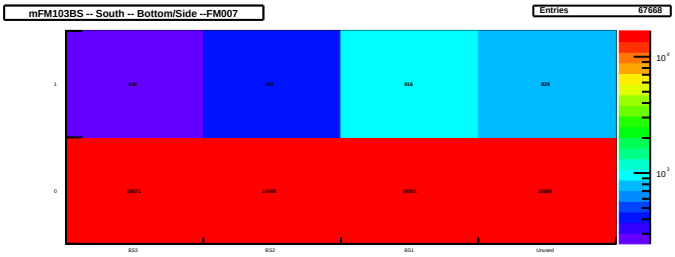

mFM103BSsim -- South -- Top --FM0006
Entries 1507

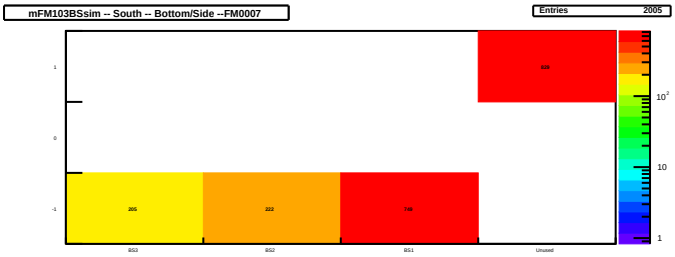

mFM103J -- South -- Top -- FM006
Entries 16917
Unused

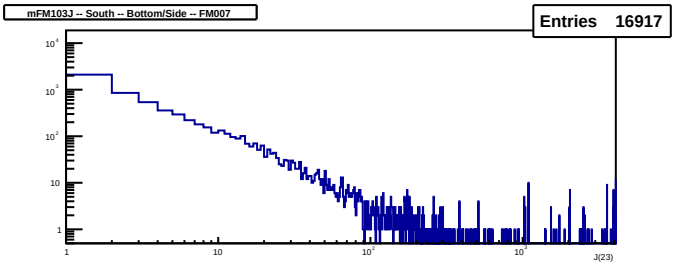

mFM103Jsim -- South -- Top -- FM006
Entries 203
Unused

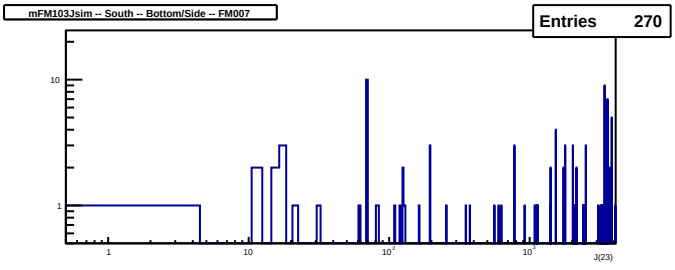

mFM103JP -- South -- Top -- FM006
Entries 33834

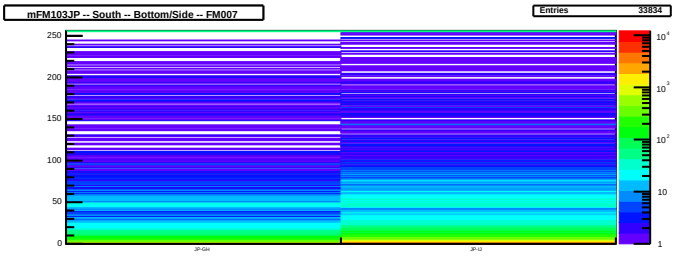

mFM103JPsim -- South -- Top -- FM006
Entries 470

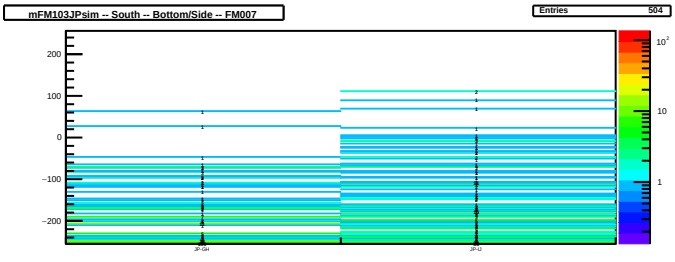

mFM103BS -- South -- Bottom/Side --FM007
Entries 67668

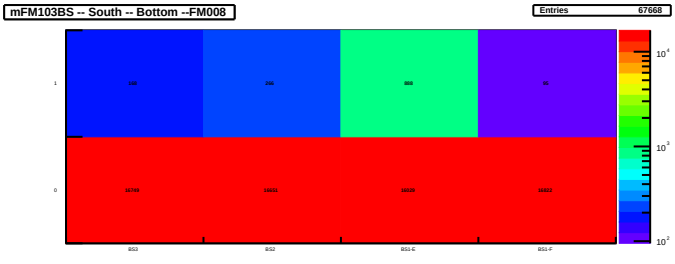

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 2005

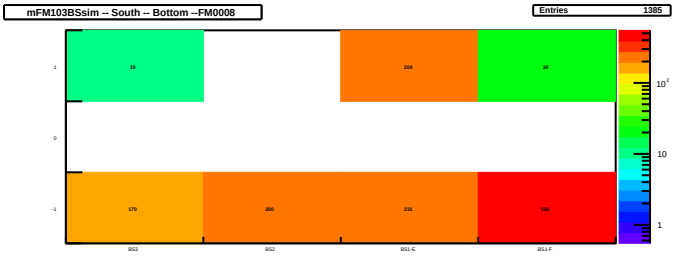

mFM103J -- South -- Bottom/Side -- FM007
Entries 16917
J(23)

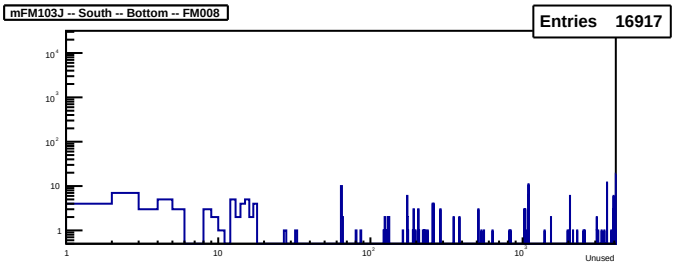

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 270
J(23)

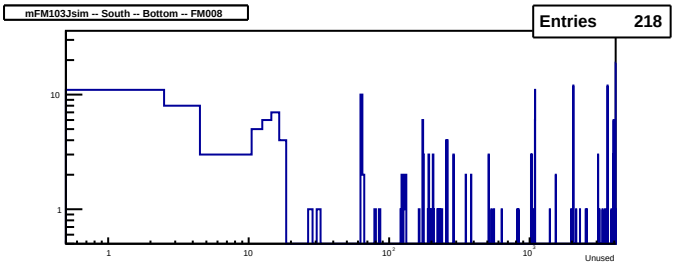

mFM103JP -- South -- Bottom/Side -- FM007
Entries 33834

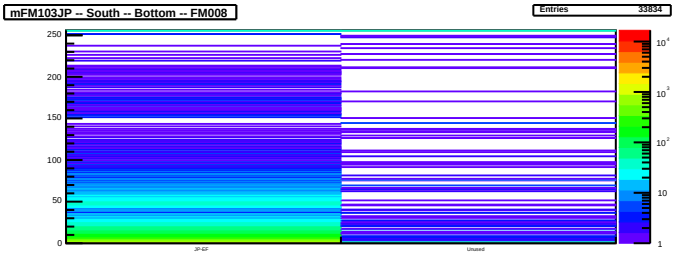

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 504

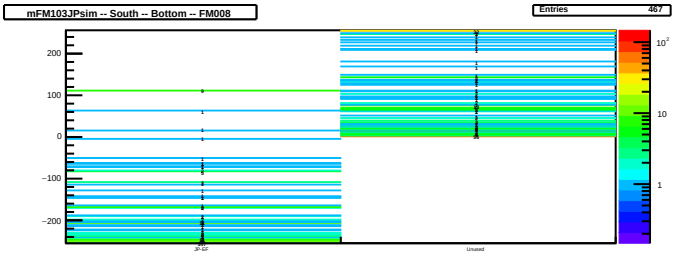

mFM103BS -- South -- Bottom --FM008
Entries 67668

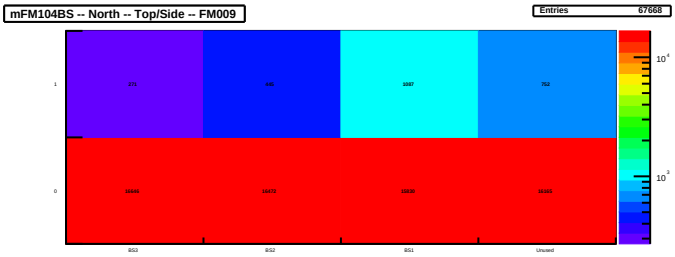

mFM103BSsim -- South -- Bottom --FM0008
Entries 1385

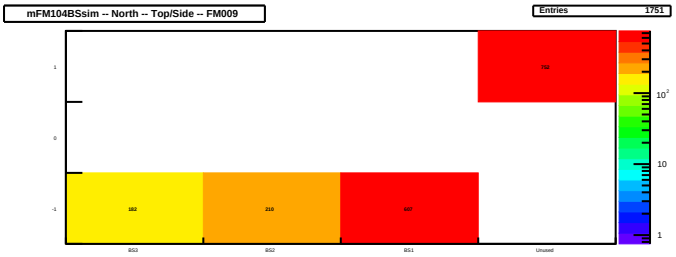

mFM103J -- South -- Bottom -- FM008
Entries 16917
Unused

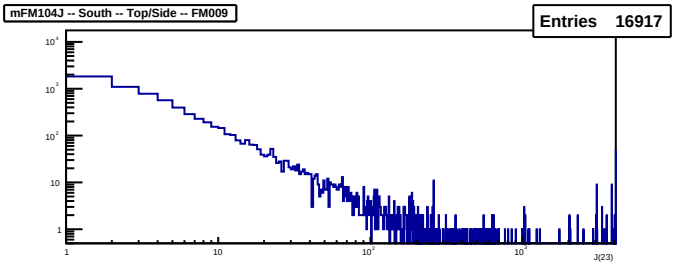

mFM103Jsim -- South -- Bottom -- FM008
Entries 218
Unused

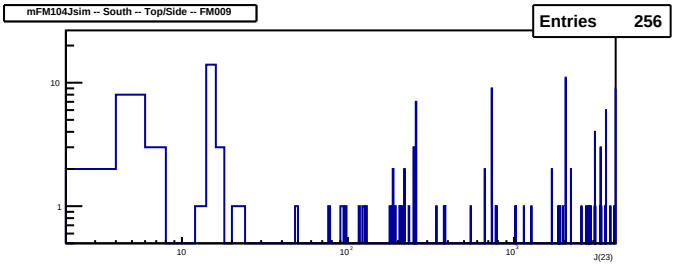

mFM103JP -- South -- Bottom -- FM008
Entries 33834

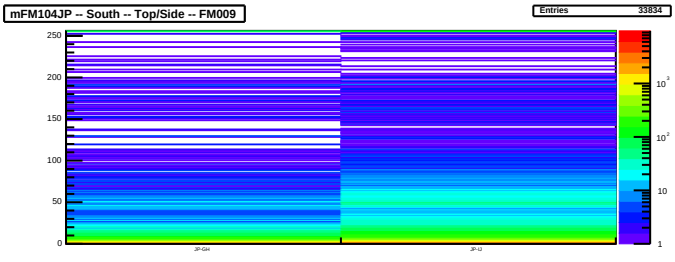

mFM103JPsim -- South -- Bottom -- FM008
Entries 467

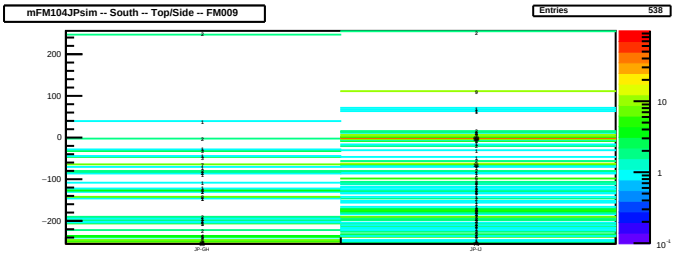

mFM104BS -- North -- Top/Side -- FM009
Entries 67668

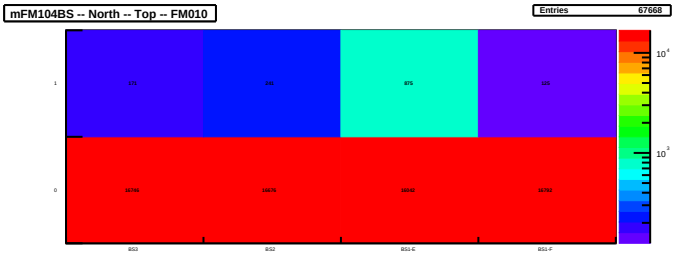

mFM104BSsim -- North -- Top/Side -- FM009
Entries 1751

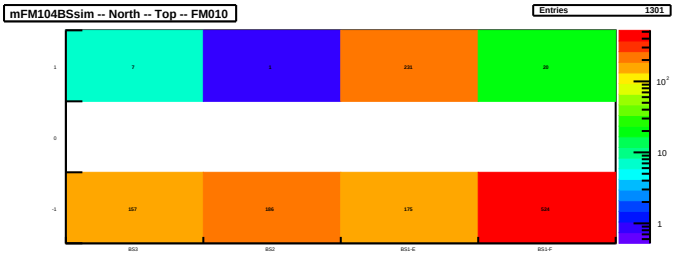

mFM104J -- South -- Top/Side -- FM009
Entries 16917
J(23)

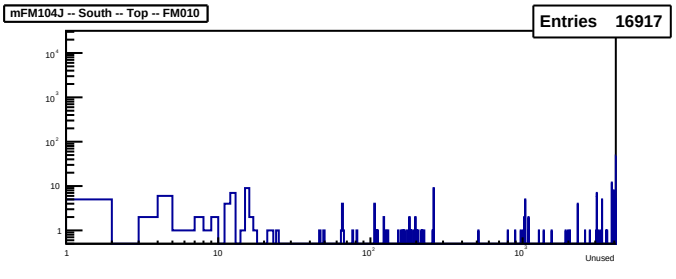

mFM104Jsim -- South -- Top/Side -- FM009
Entries 256
J(23)

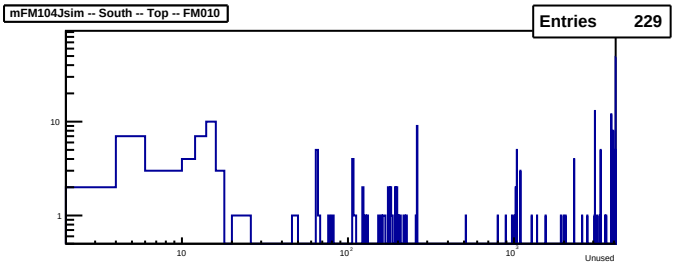

mFM104JP -- South -- Top/Side -- FM009
Entries 33834

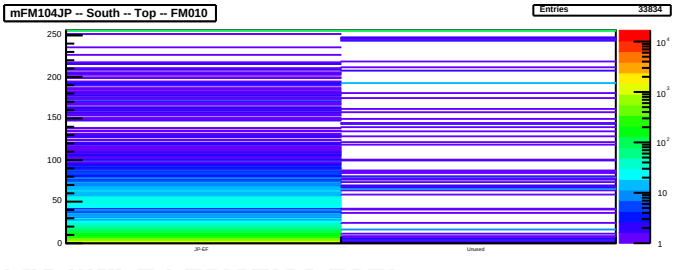

mFM104JPsim -- South -- Top/Side -- FM009
Entries 538

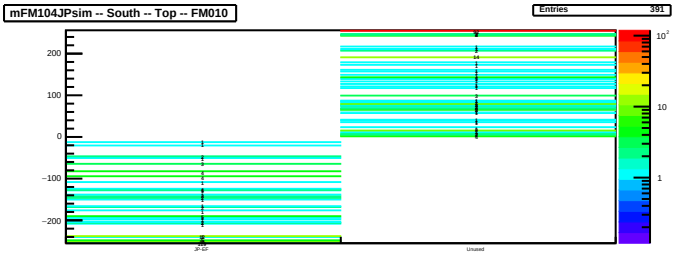

mFM104BS -- North -- Top -- FM010
Entries 67668

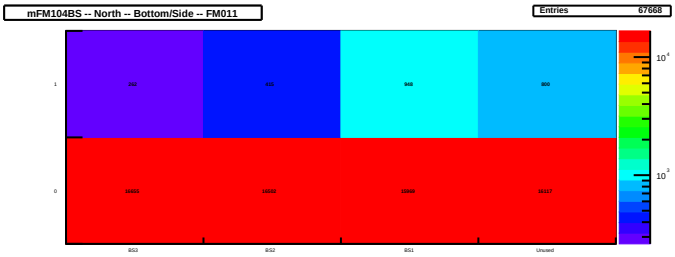

mFM104BSsim -- North -- Top -- FM010
Entries 1301

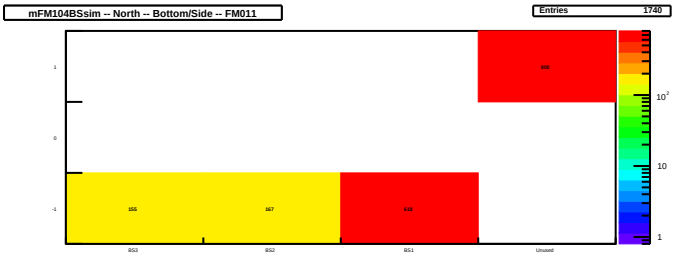

mFM104J -- South -- Top -- FM010
Entries 16917
Unused

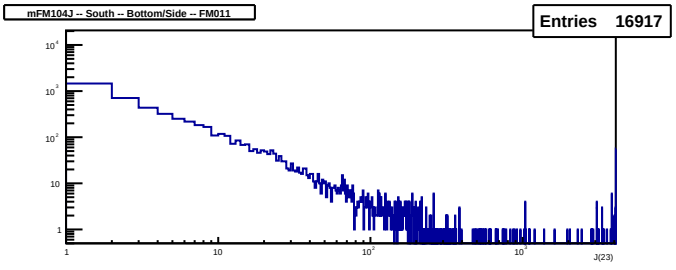

mFM104Jsim -- South -- Top -- FM010
Entries 229
Unused

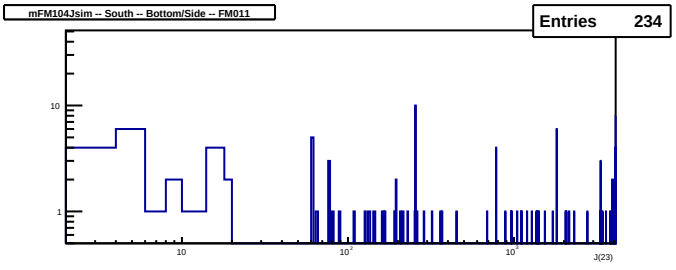

mFM104JP -- South -- Top -- FM010
Entries 33834

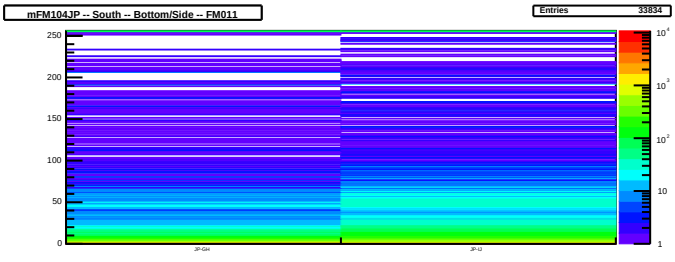

mFM104JPsim -- South -- Top -- FM010
Entries 391

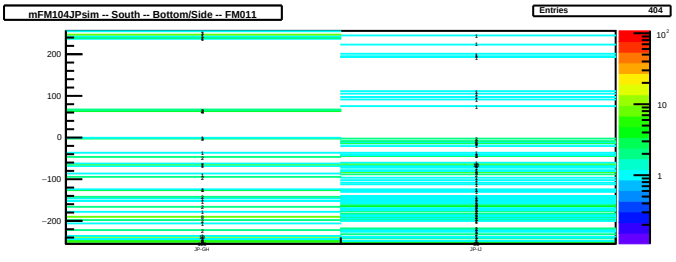

mFM104BS -- North -- Bottom/Side -- FM011
Entries 67668

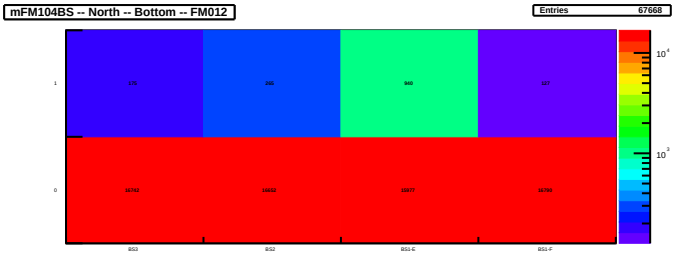

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1740

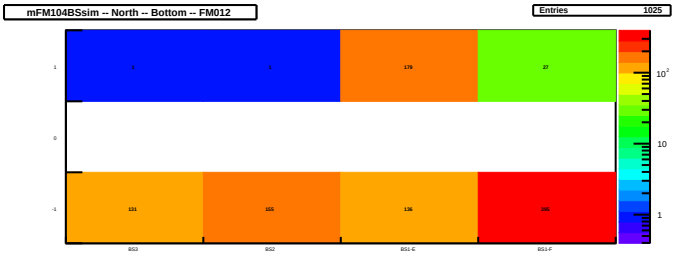

mFM104J -- South -- Bottom/Side -- FM011
Entries 16917
J(23)

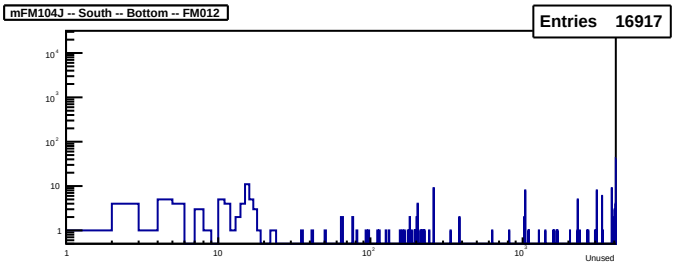

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 234
J(23)

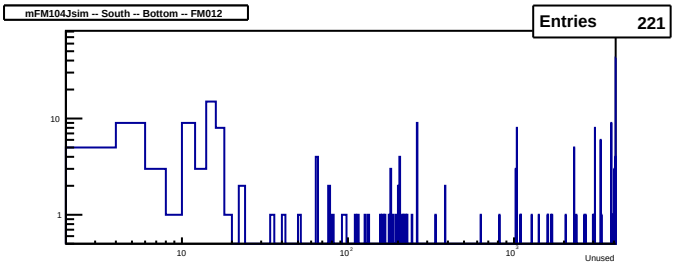

mFM104JP -- South -- Bottom/Side -- FM011
Entries 33834

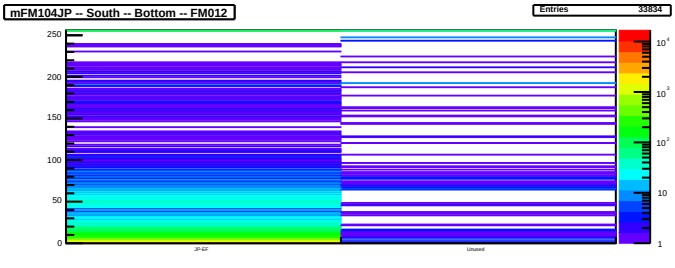

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 404

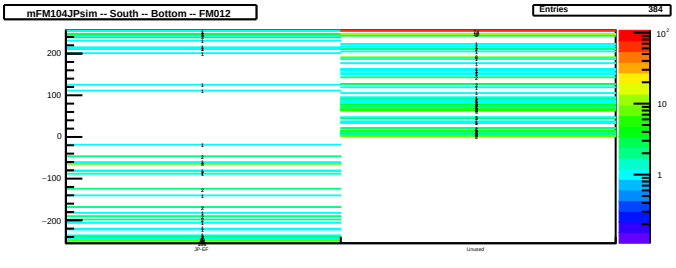

mFM104BS -- North -- Bottom -- FM012
Entries 67668

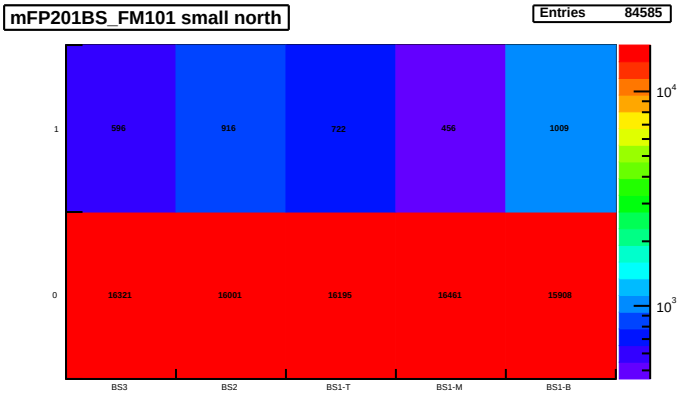

mFM104BSsim -- North -- Bottom -- FM012
Entries 1025

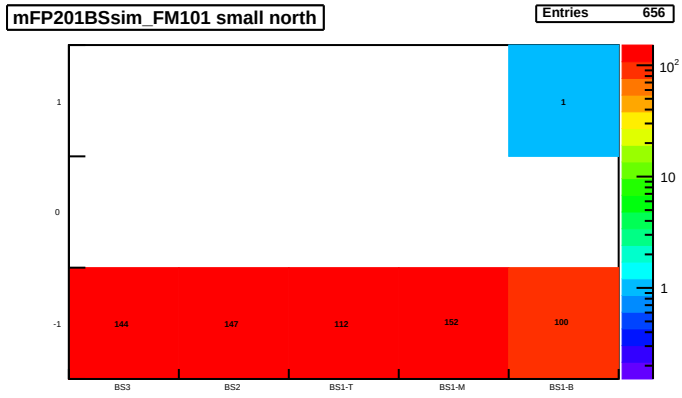

mFM104J -- South -- Bottom -- FM012
Entries 16917
Unused

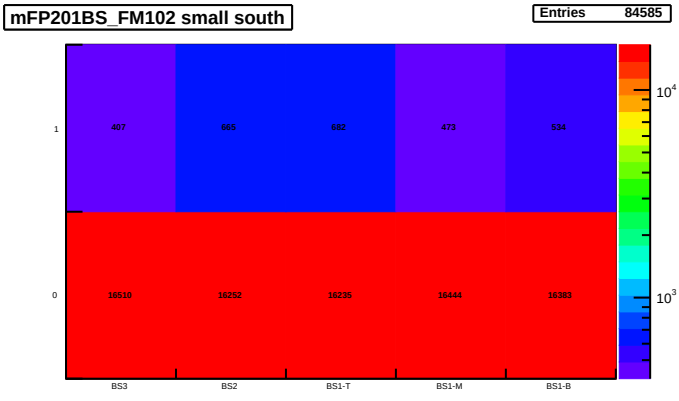

mFM104Jsim -- South -- Bottom -- FM012
Entries 221
Unused

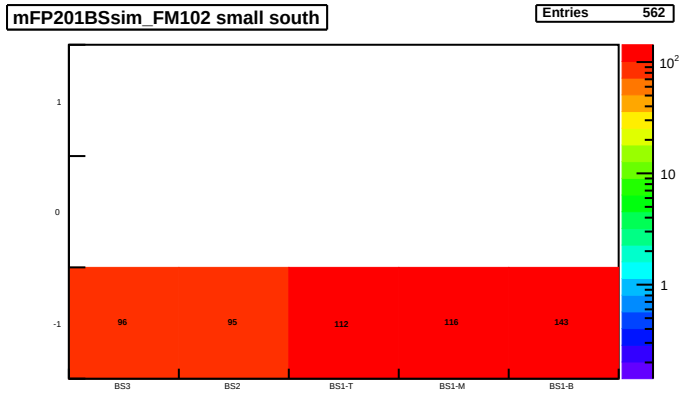

mFM104JP -- South -- Bottom -- FM012
Entries 33834

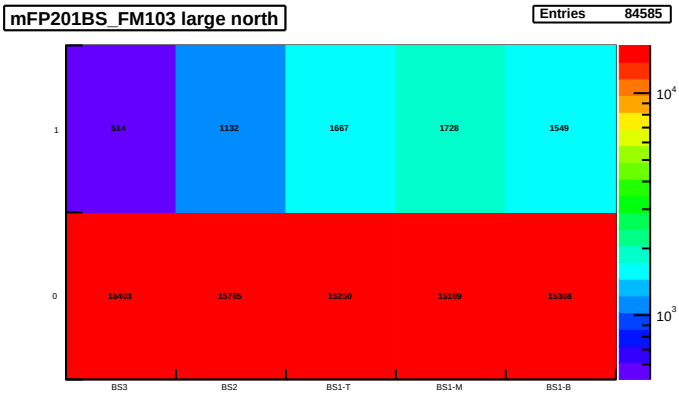

mFM104JPsim -- South -- Bottom -- FM012
Entries 384

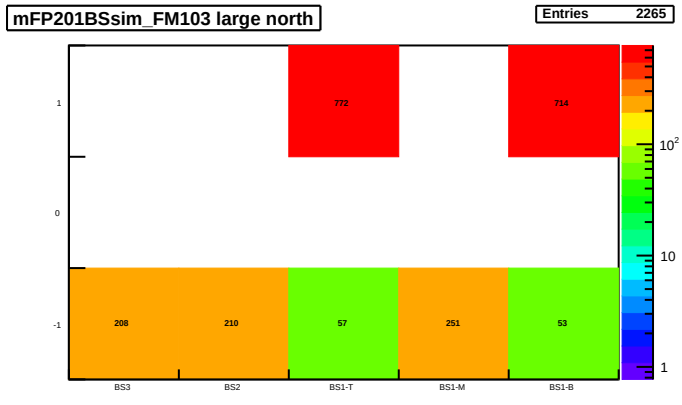

mFP201BS_FM101 small north
Entries 84585
596 916 722 456 1009
16321 16001 16195 16461 15908
BS3 BS2 BS1-T BS1-M BS1-B

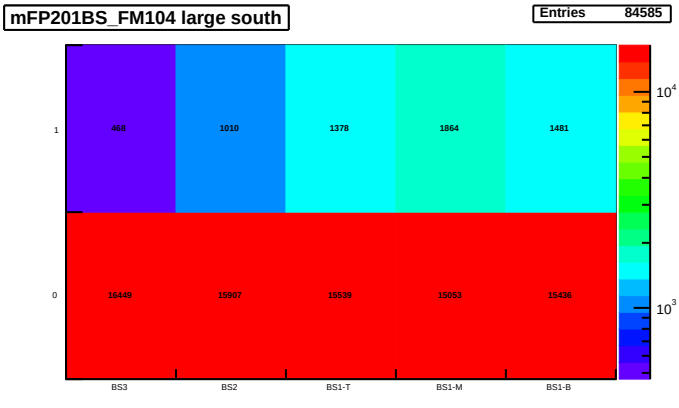

mFP201BSsim_FM101 small north
Entries 656
1
144 147 112 152 100
BS3 BS2 BS1-T BS1-M BS1-B

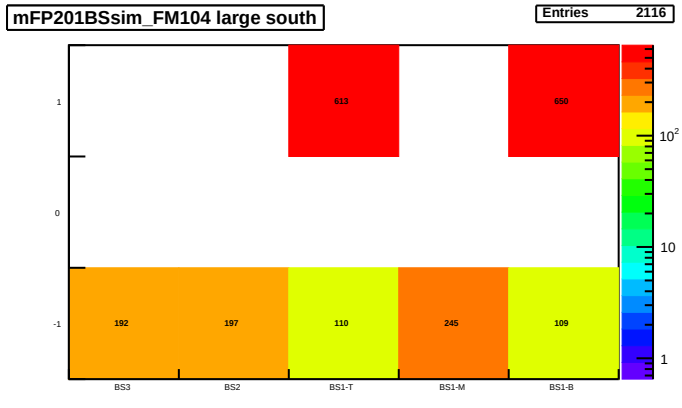

mFP201BS_FM102 small south
Entries 84585
407 665 682 473 534
16510 16252 16235 16444 16383
BS3 BS2 BS1-T BS1-M BS1-B

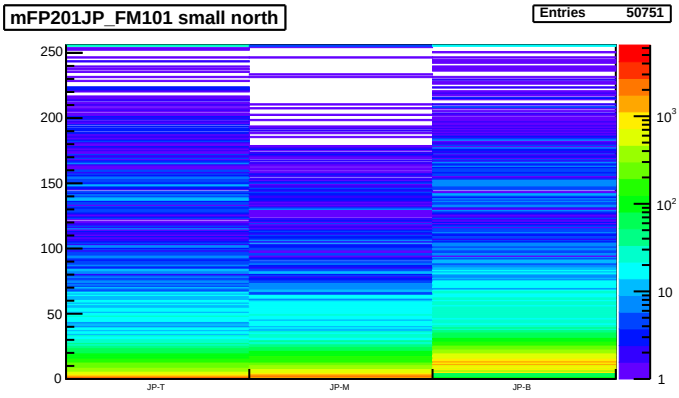

mFP201BSsim_FM102 small south
Entries 562
96 95 112 116 143
BS3 BS2 BS1-T BS1-M BS1-B

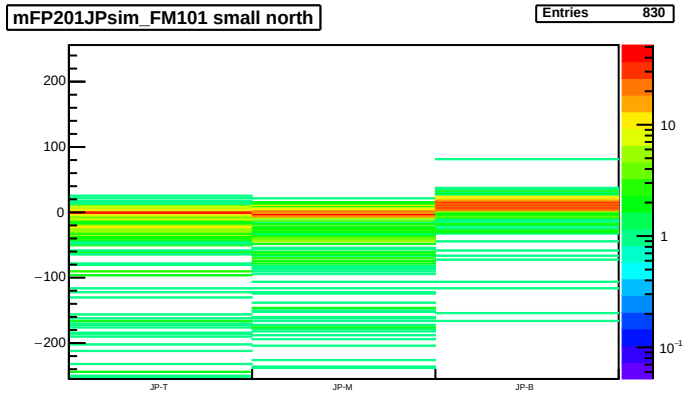

mFP201BS_FM103 large north
Entries 84585
514 1132 1667 1728 1549
16403 15785 15250 15189 15368
BS3 BS2 BS1-T BS1-M BS1-B

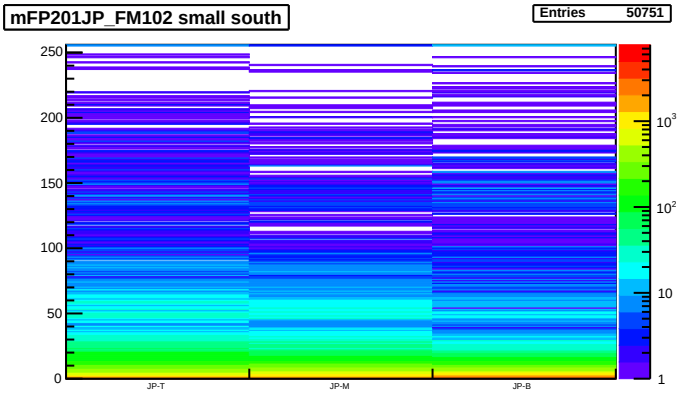

mFP201BSsim_FM103 large north
Entries 2265
772 714
208 210 57 251 53
BS3 BS2 BS1-T BS1-M BS1-B

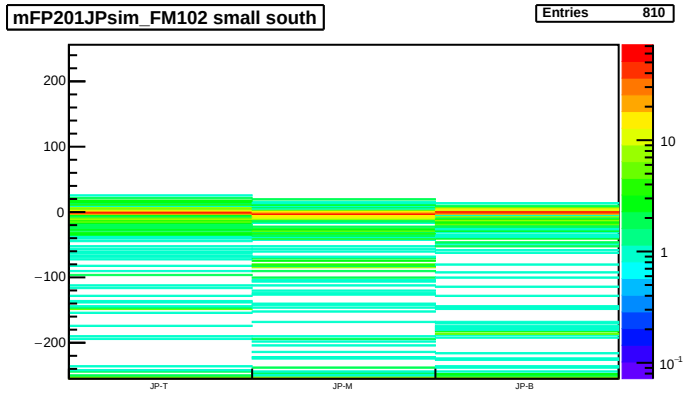

mFP201BS_FM104 large south
Entries 84585
468 1010 1378 1864 1481
16449 15907 15539 15053 15436
BS3 BS2 BS1-T BS1-M BS1-B

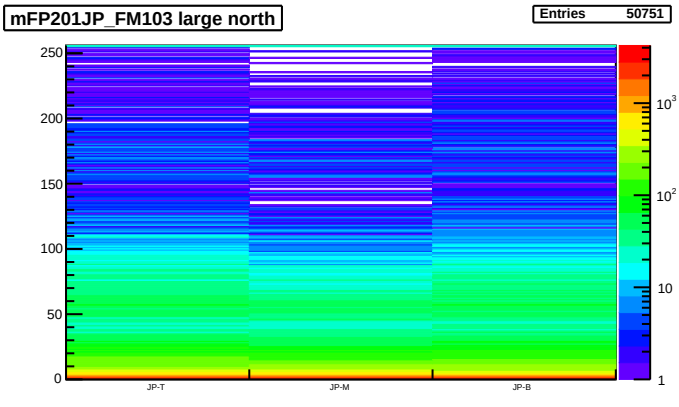

mFP201BSsim_FM104 large south
Entries 2116
613 650
192 197 110 245 109
BS3 BS2 BS1-T BS1-M BS1-B

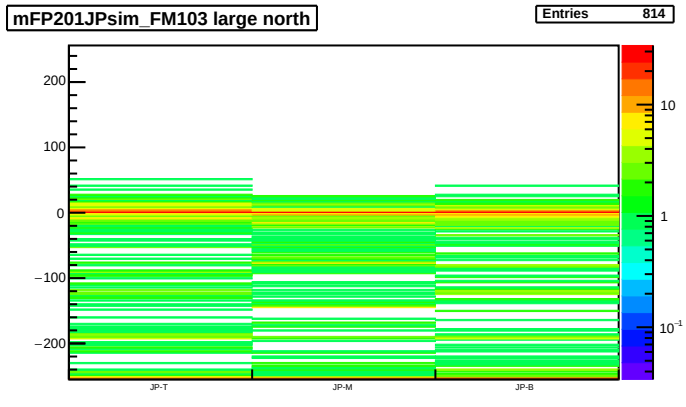

mFP201JP_FM101 small north
Entries 50751
JP-T
JP-M
JP-B

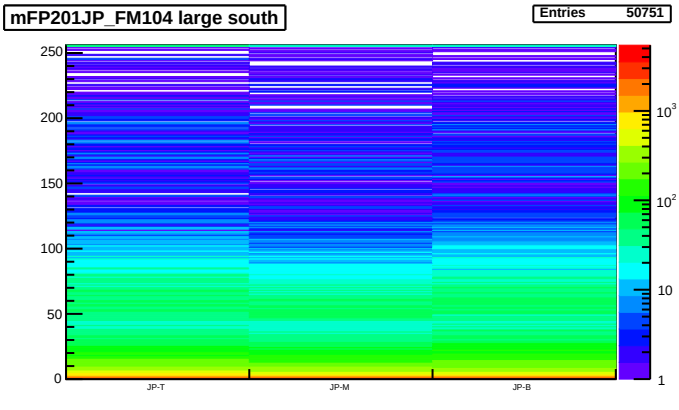

mFP201JPsim_FM101 small north
Entries 830
JP-T
JP-M
JP-B

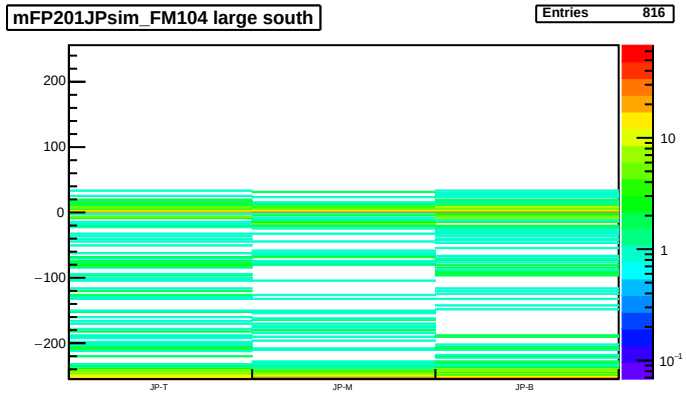

mFP201JP_FM102 small south
Entries 50751
JP-T
JP-M
JP-B

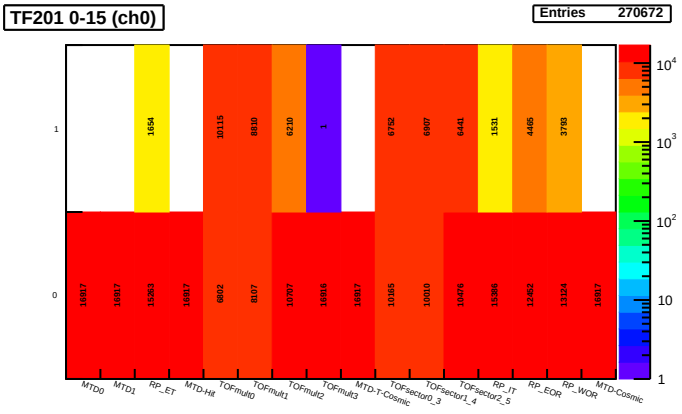

mFP201JPsim_FM102 small south
Entries 810
JP-T
JP-M
JP-B

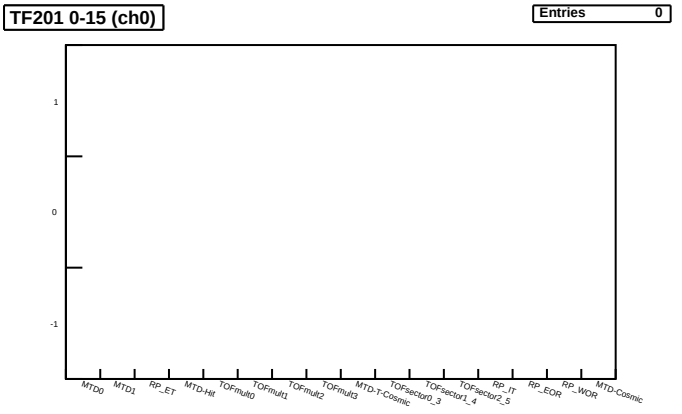

mFP201JP_FM103 large north
Entries 50751
JP-T
JP-M
JP-B

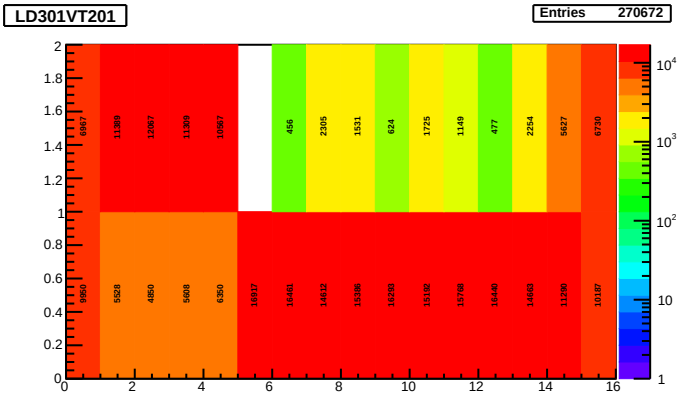

mFP201JPsim_FM103 large north
Entries 814
JP-T
JP-M
JP-B

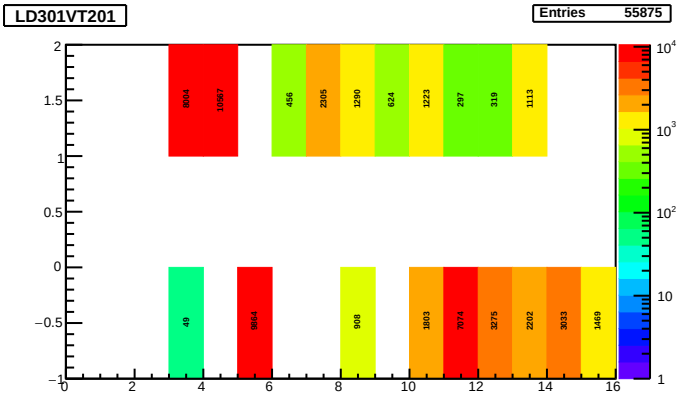

mFP201JP_FM104 large south
Entries 50751
JP-T
JP-M
JP-B

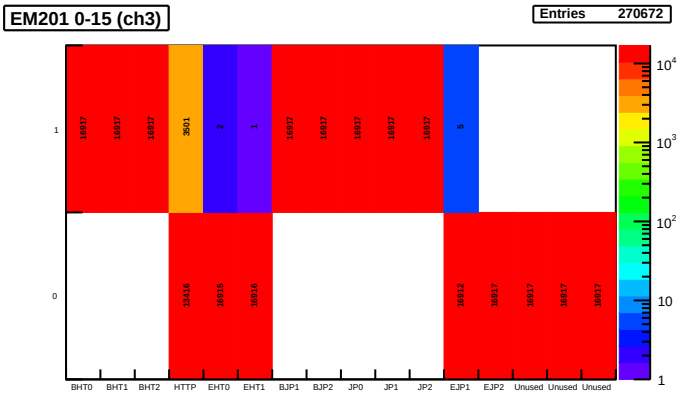

mFP201JPsim_FM104 large south
Entries 816
JP-T
JP-M
JP-B

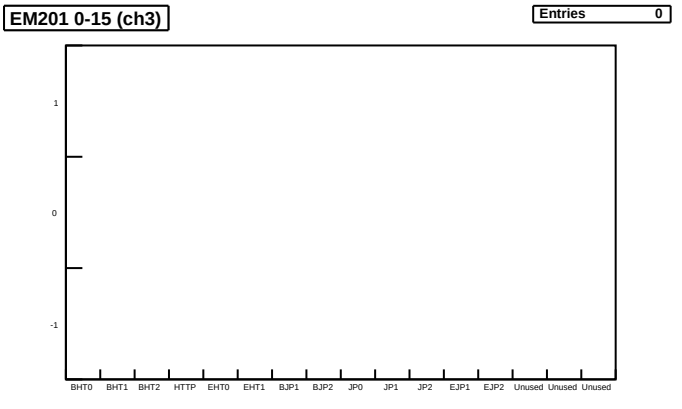

TF201 0-15 (ch0)
Entries 270672
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

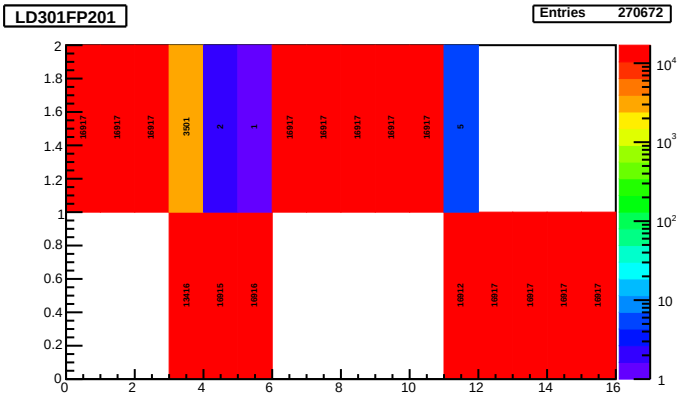

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

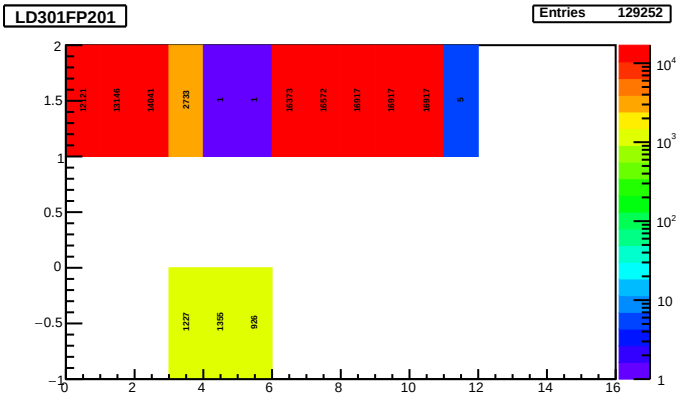

LD301VT201
Entries 270672


LD301VT201
Entries 55875


EM201 0-15 (ch3)
Entries 270672
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 270672


LD301FP201
Entries 129252