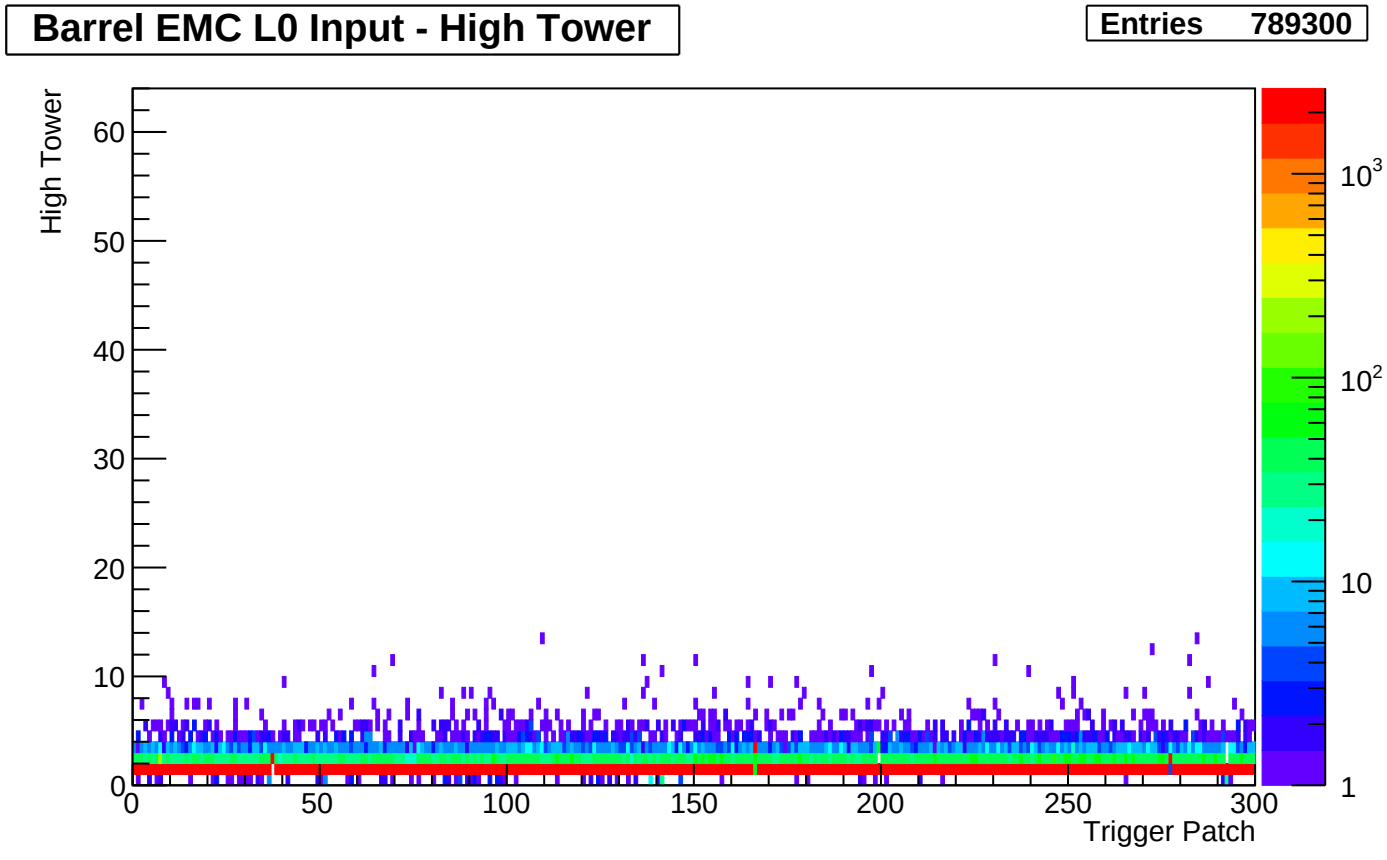
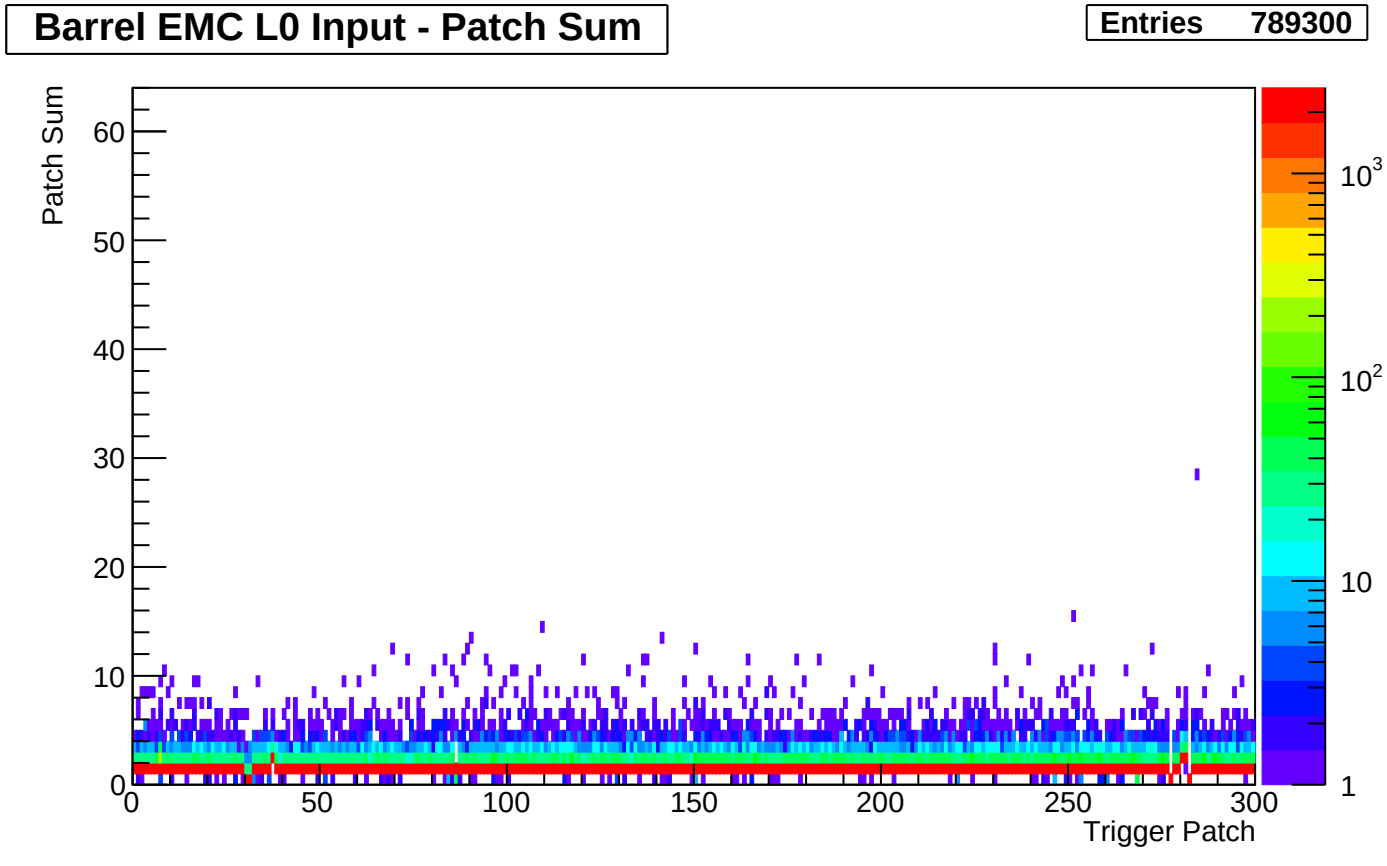
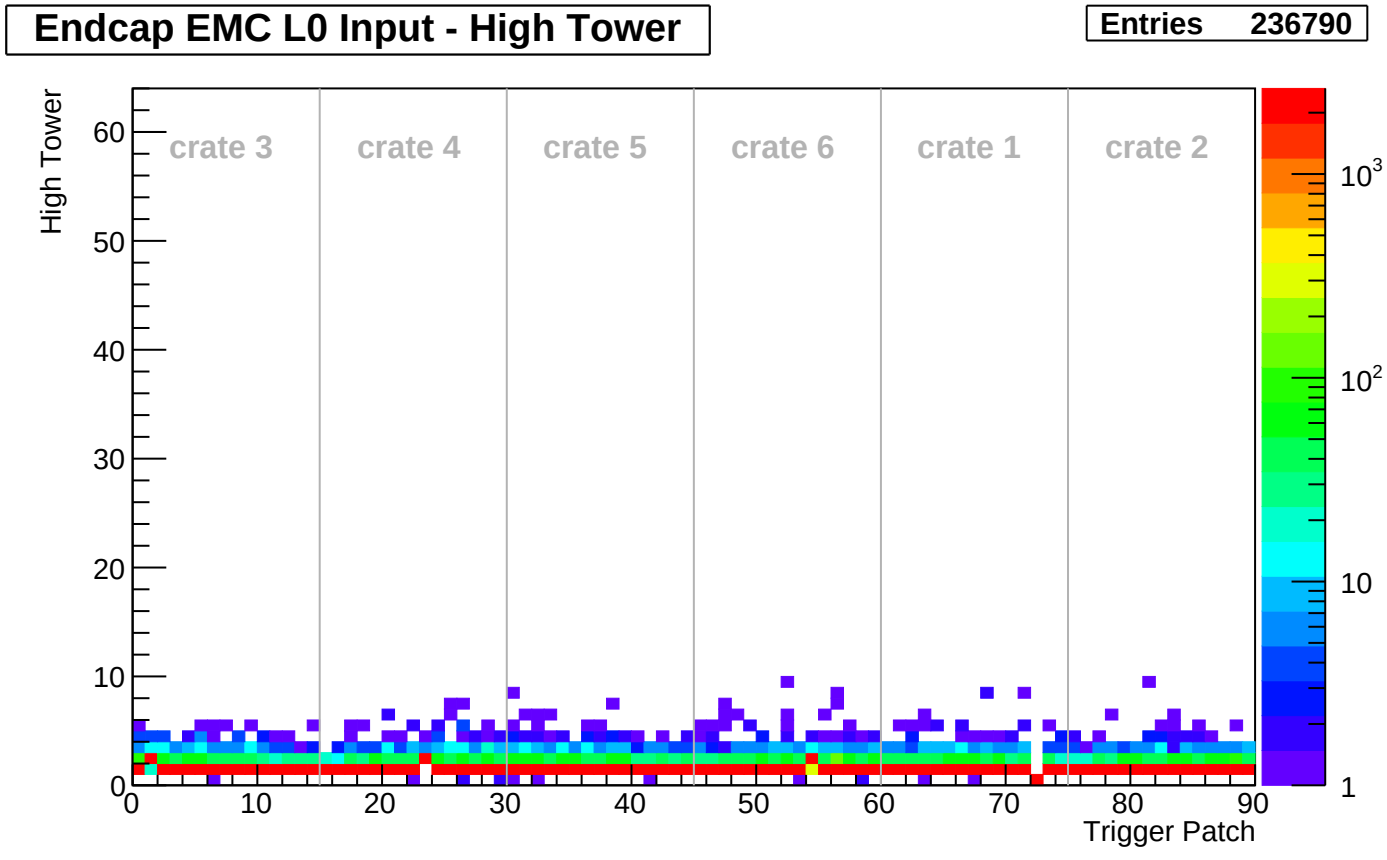
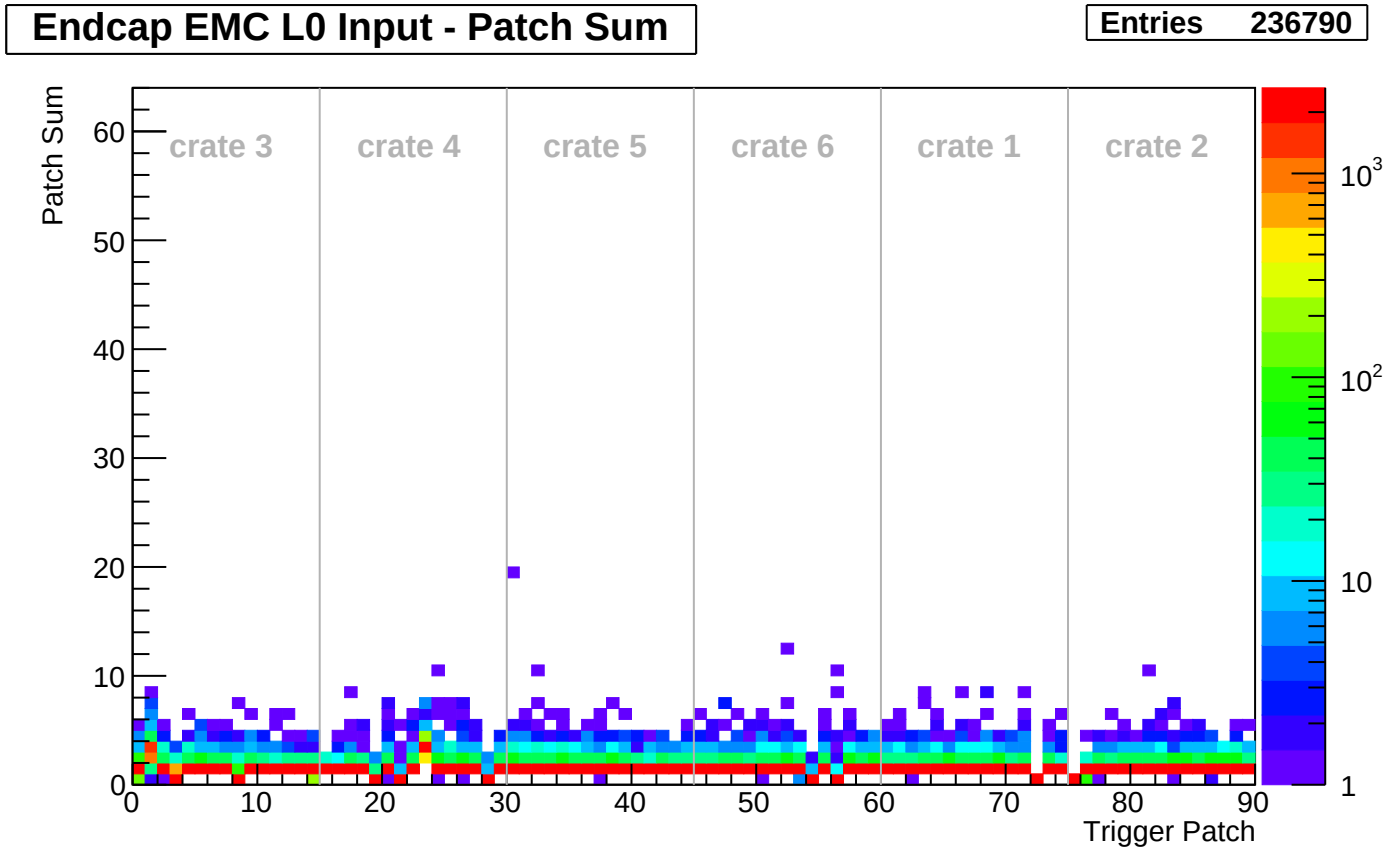
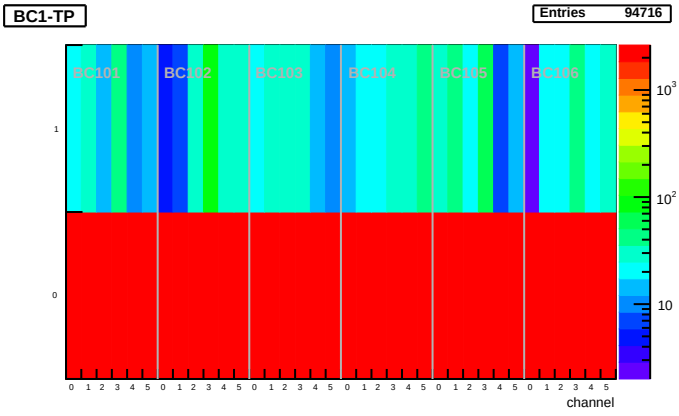
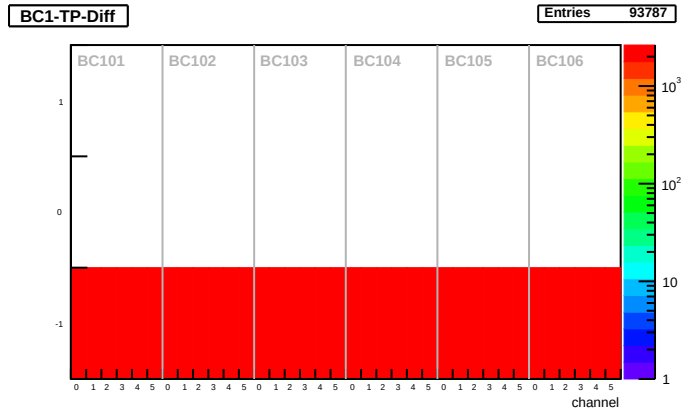

Barrel EMC L0 Input - High Tower
Entries 789300
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3

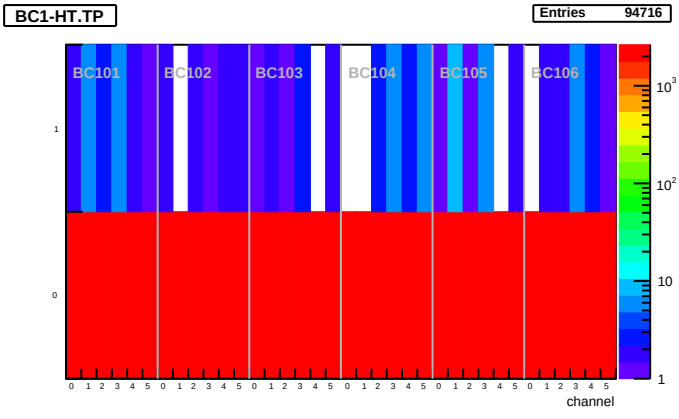

Barrel EMC L0 Input - Patch Sum
Entries 789300
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3

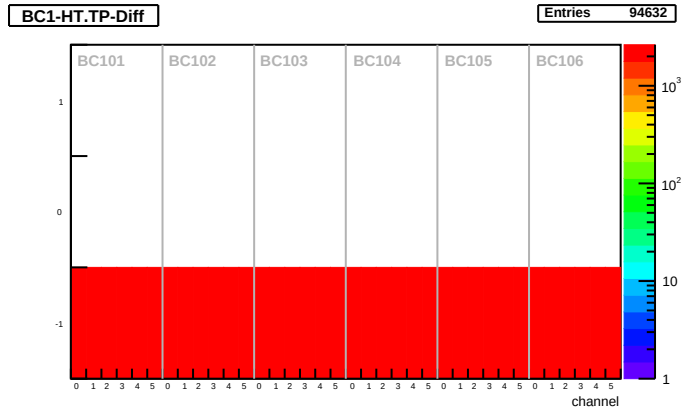

Endcap EMC L0 Input - High Tower
Entries 236790
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3

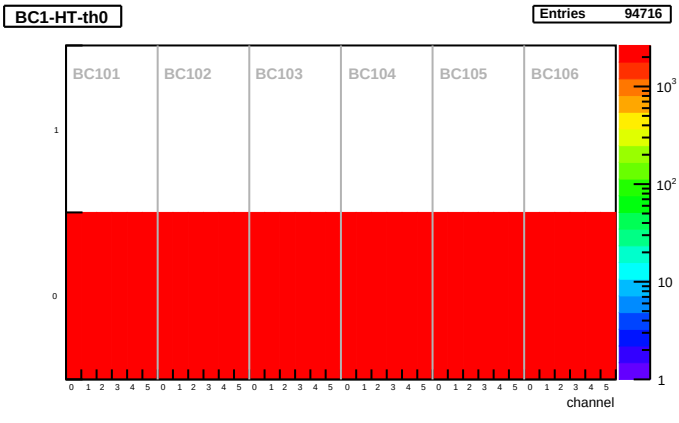

Endcap EMC L0 Input - Patch Sum
Entries 236790
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3

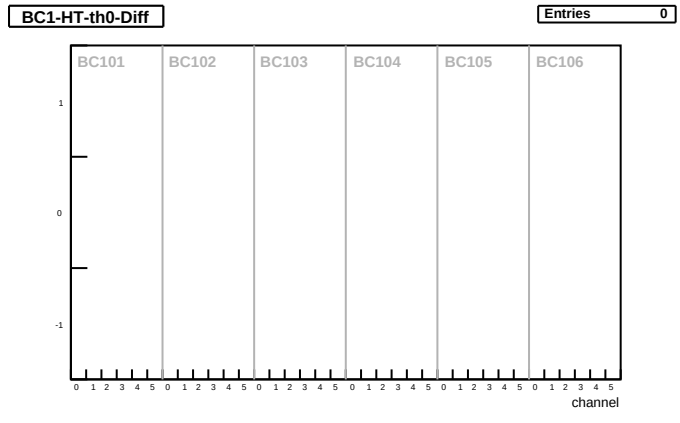

BC1-TP
Entries 94716
BC101
BC102
BC103
BC104
BC105
BC106
channel

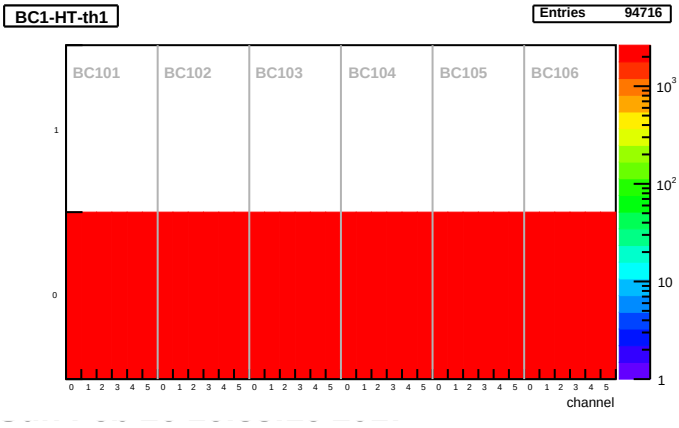

BC1-TP-Diff
Entries 93787
BC101
BC102
BC103
BC104
BC105
BC106
channel

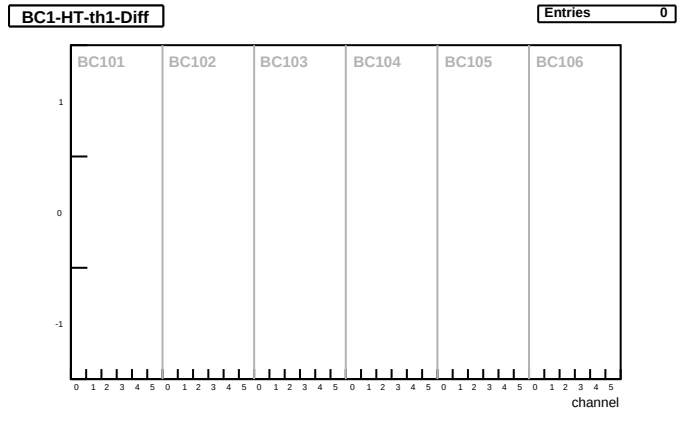

BC1-HT.TP
Entries 94716
BC101
BC102
BC103
BC104
BC105
BC106
channel

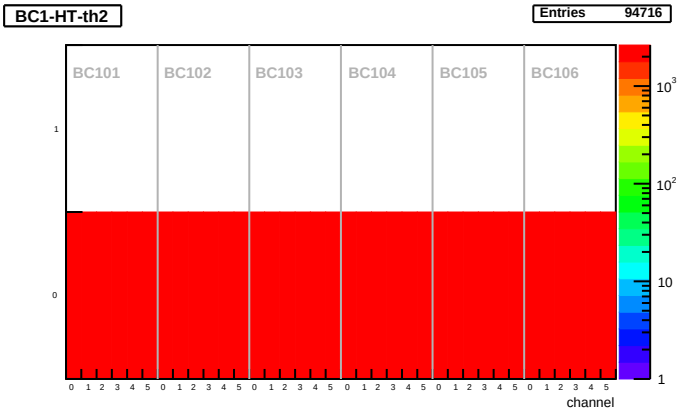

BC1-HT.TP-Diff
Entries 94632
BC101
BC102
BC103
BC104
BC105
BC106
channel

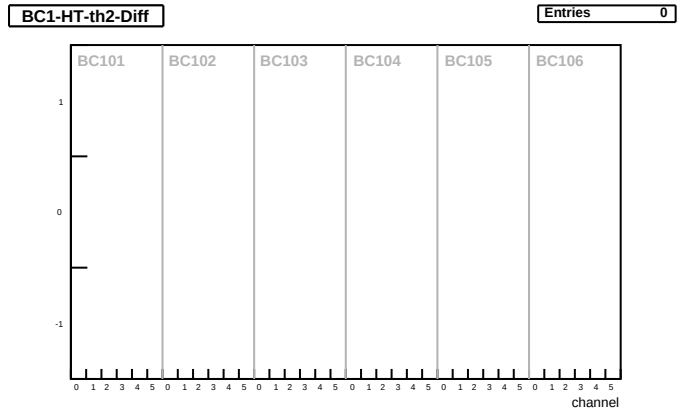

BC1-HT-th0
Entries 94716
BC101
BC102
BC103
BC104
BC105
BC106
channel

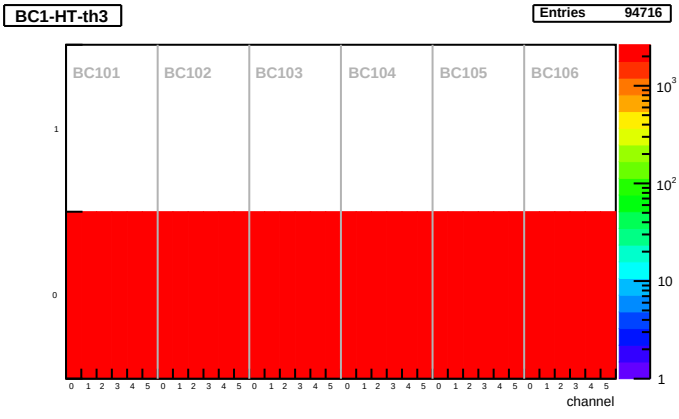

BC1-HT-th0-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

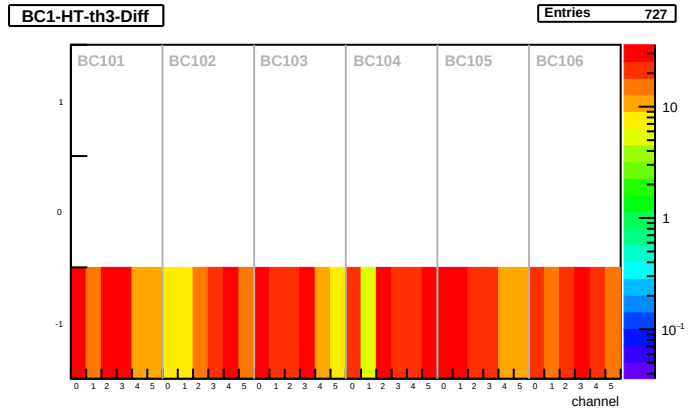

BC1-HT-th1
Entries 94716
BC101
BC102
BC103
BC104
BC105
BC106
channel

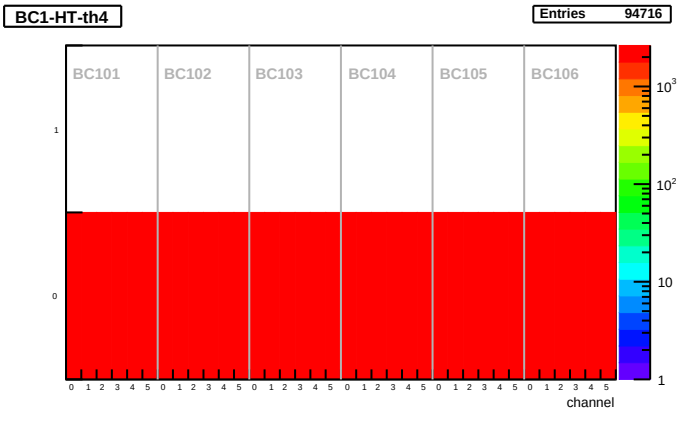

BC1-HT-th1-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

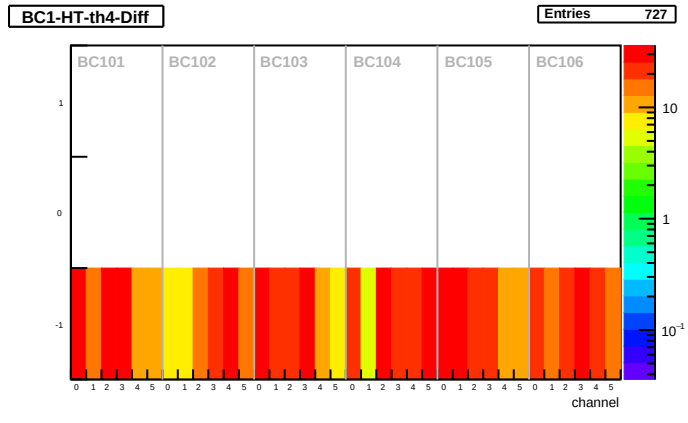

BC1-HT-th2
Entries 94716
BC101
BC102
BC103
BC104
BC105
BC106
channel

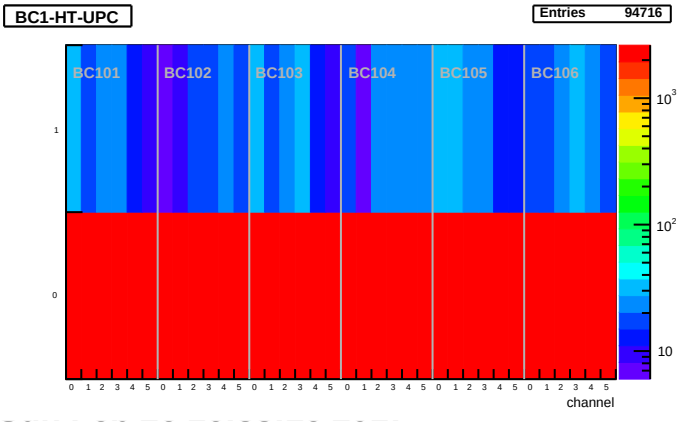

BC1-HT-th2-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

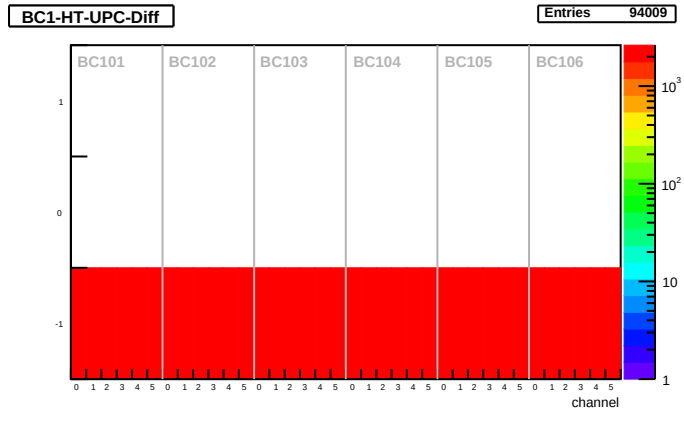

BC1-HT-th3
Entries 94716
BC101
BC102
BC103
BC104
BC105
BC106
channel

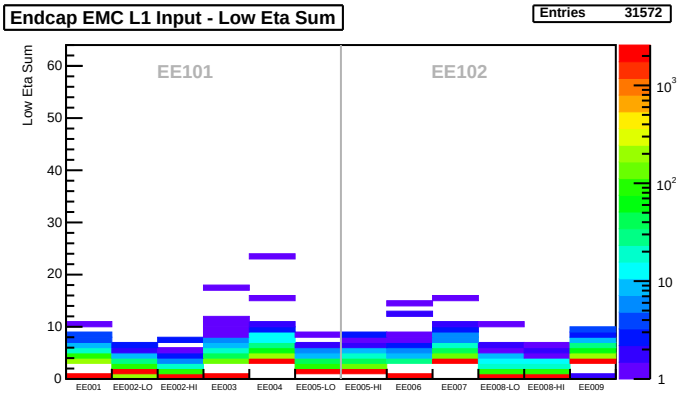

BC1-HT-th3-Diff
Entries 727
BC101
BC102
BC103
BC104
BC105
BC106
channel

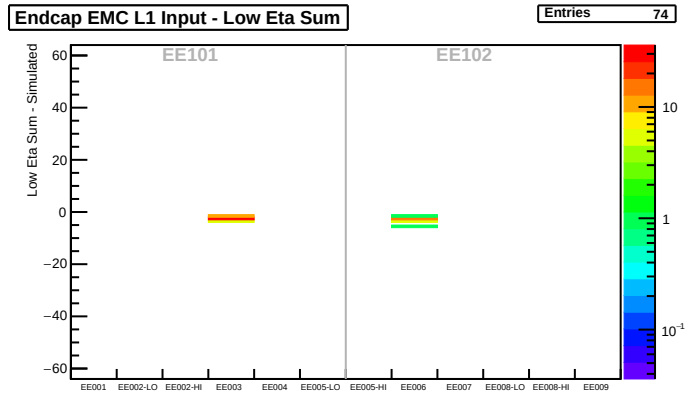

BC1-HT-th4
Entries 94716
BC101
BC102
BC103
BC104
BC105
BC106
channel

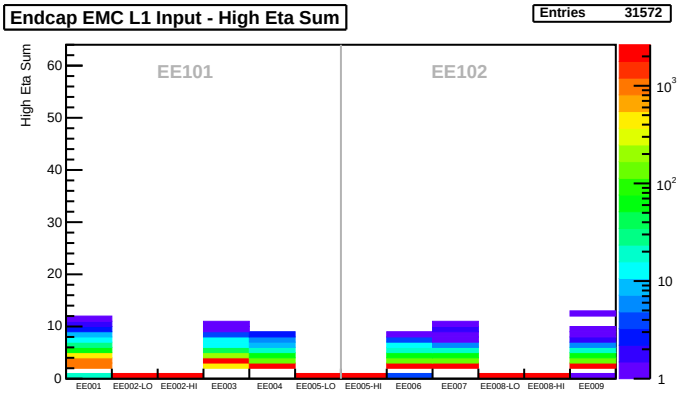

BC1-HT-th4-Diff
Entries 727
BC101
BC102
BC103
BC104
BC105
BC106
channel

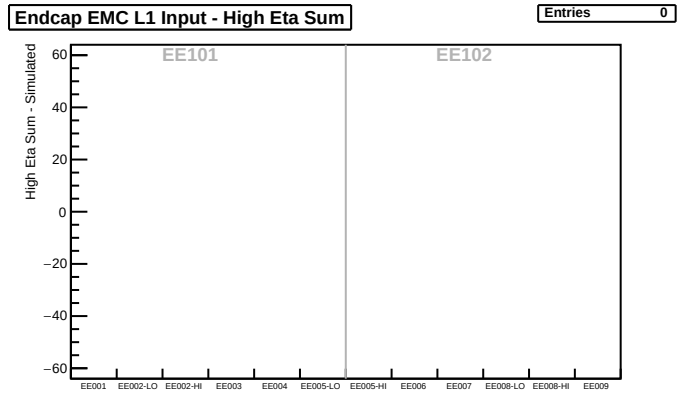

BC1-HT-UPC
Entries 94716
BC101
BC102
BC103
BC104
BC105
BC106
channel

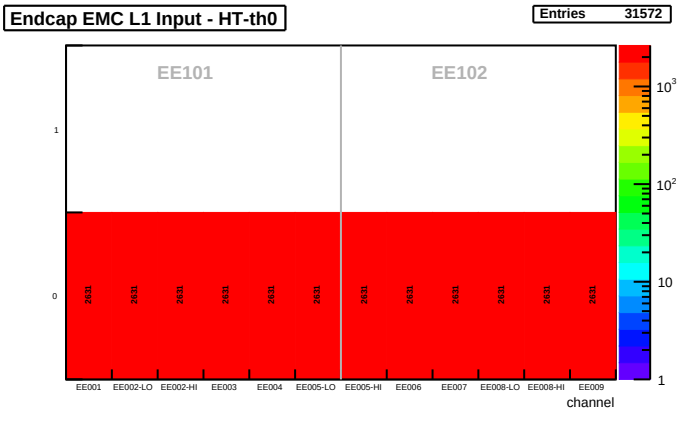

BC1-HT-UPC-Diff
Entries 94009
BC101
BC102
BC103
BC104
BC105
BC106
channel

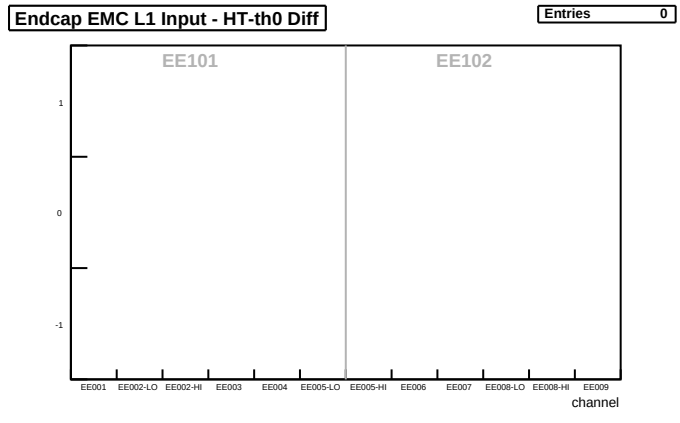

Endcap EMC L1 Input - Low Eta Sum
Entries 31572
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

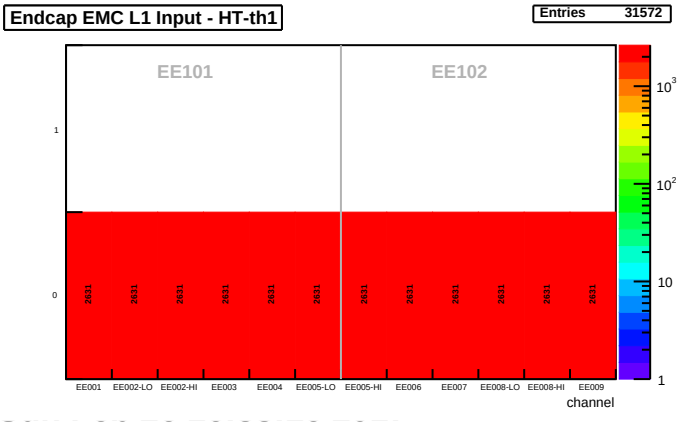

Endcap EMC L1 Input - Low Eta Sum
Entries 74
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

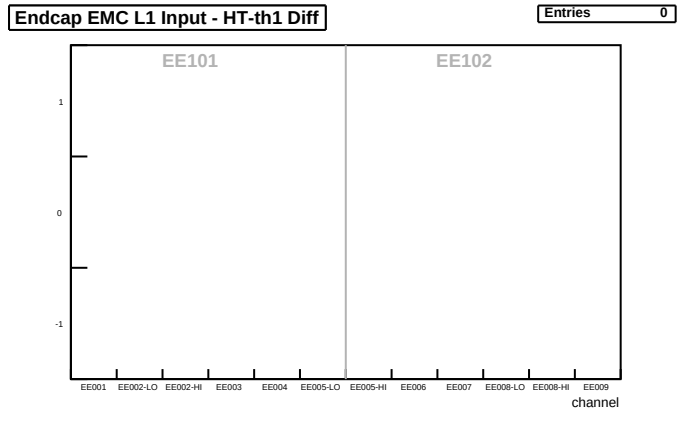

Endcap EMC L1 Input - High Eta Sum
Entries 31572
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

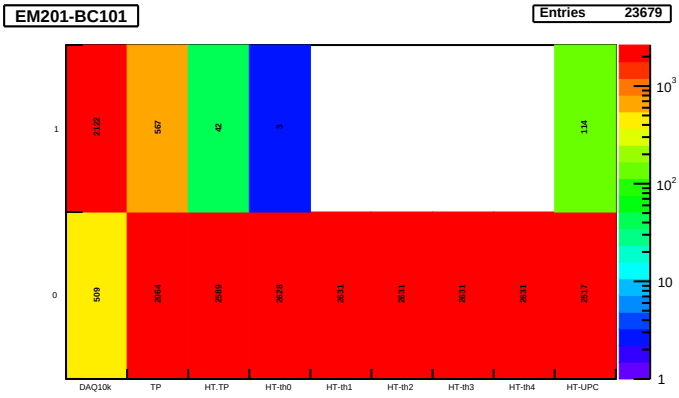

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

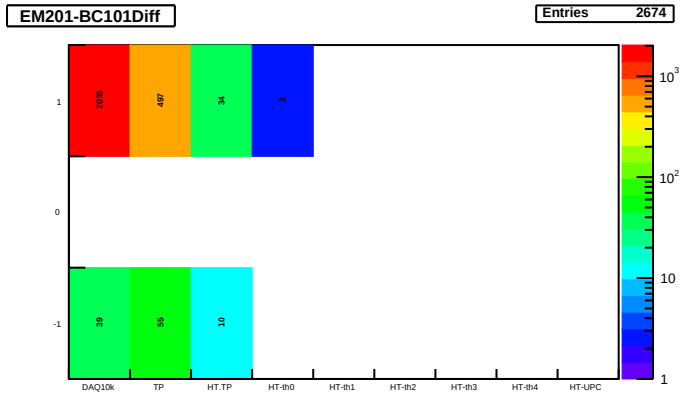

Endcap EMC L1 Input - HT-th0
Entries 31572
EE101
EE102
2631
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

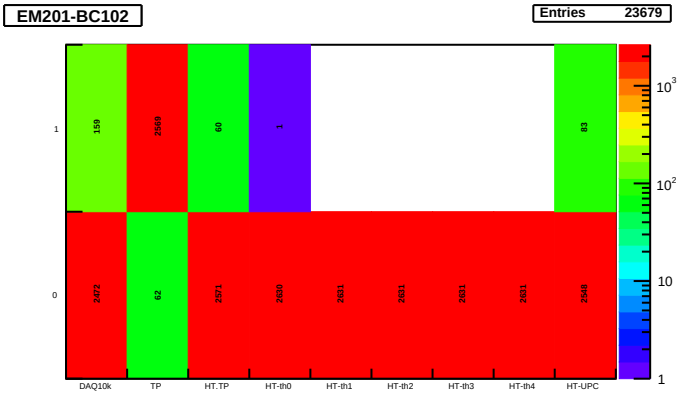

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

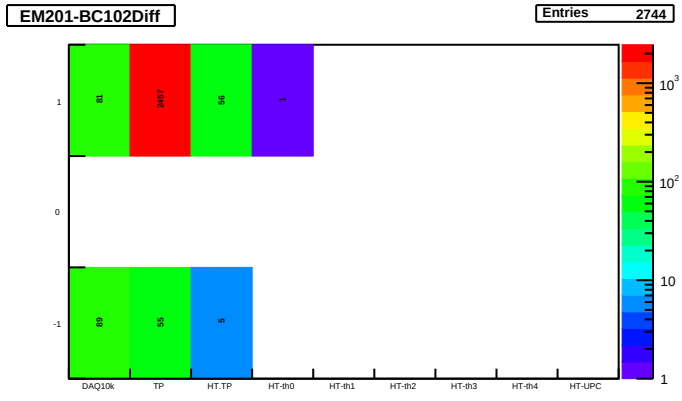

Endcap EMC L1 Input - HT-th1
Entries 31572
EE101
EE102
2631
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

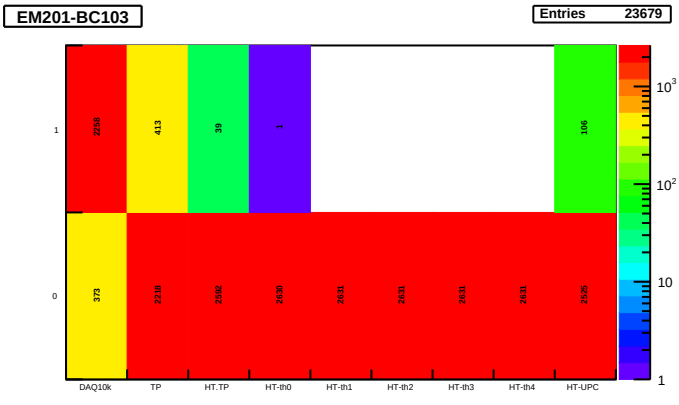

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

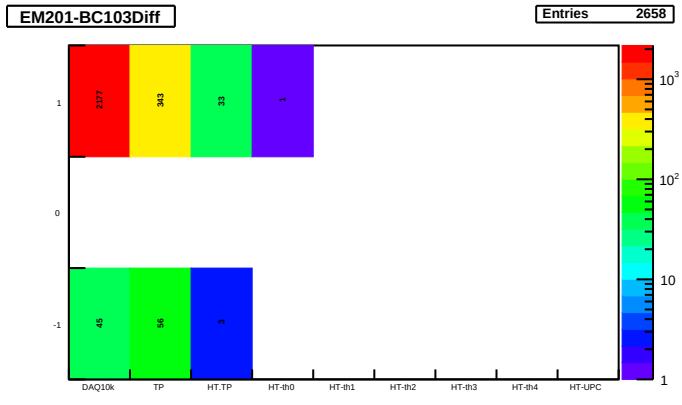

EM201-BC101
Entries 23679
1
0
2122
567
42
3
114
509
2654
2589
2628
2631
2631
2631
2631
2517
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

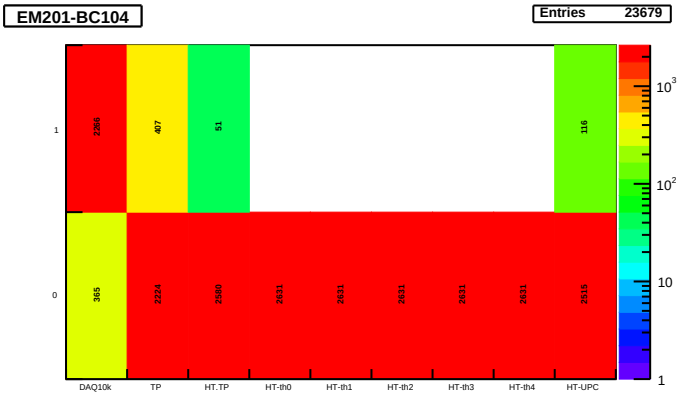

EM201-BC101Diff
Entries 2674
1
0
-1
2036
497
34
3
39
55
10
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

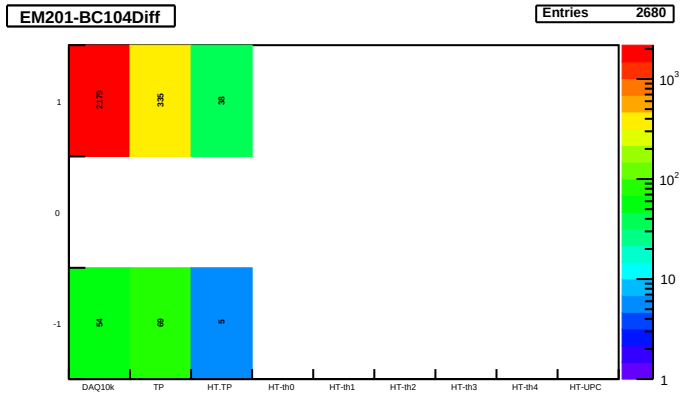

EM201-BC102
Entries 23679
1
0
139
2569
60
1
83
2472
62
2571
2630
2631
2631
2631
2631
2548
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

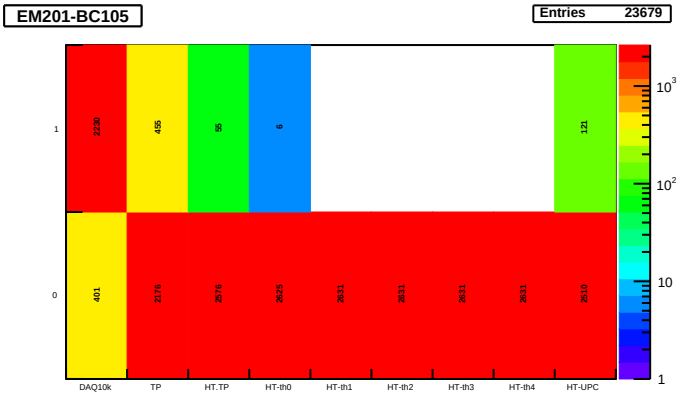

EM201-BC102Diff
Entries 2744
1
0
-1
81
2457
56
1
89
55
5
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

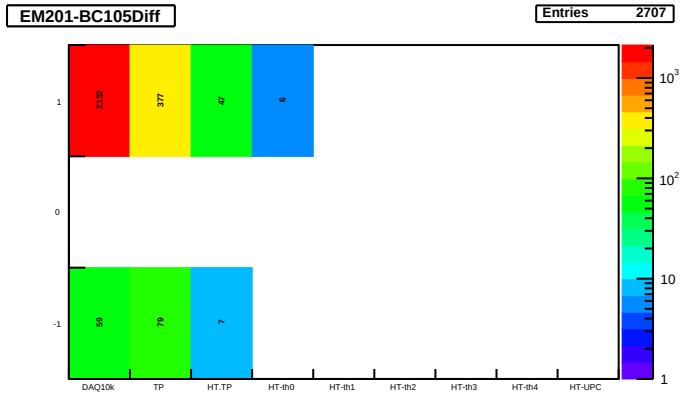

EM201-BC103
Entries 23679
1
0
2258
413
39
1
106
373
2218
2592
2630
2631
2631
2631
2631
2525
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

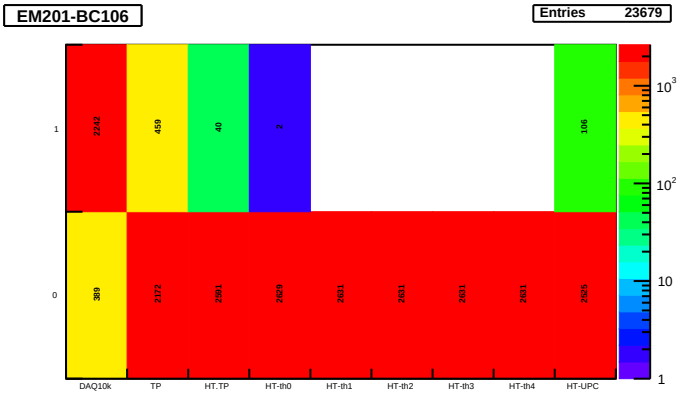

EM201-BC103Diff
Entries 2658
1
0
-1
2177
343
33
1
45
56
9
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

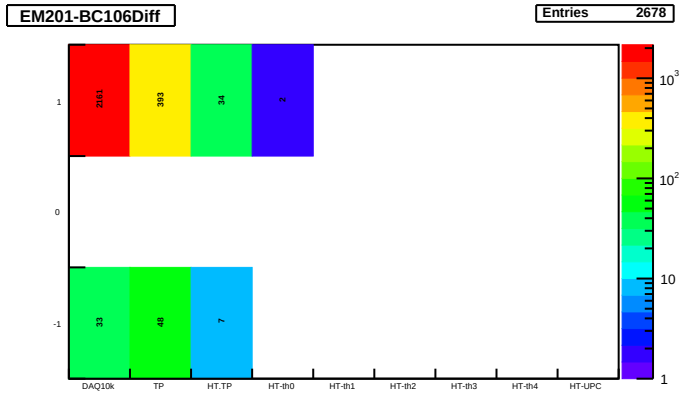

EM201-BC104
Entries 23679
1
0
2286
407
51
116
365
2224
2580
2631
2631
2631
2631
2631
2515
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

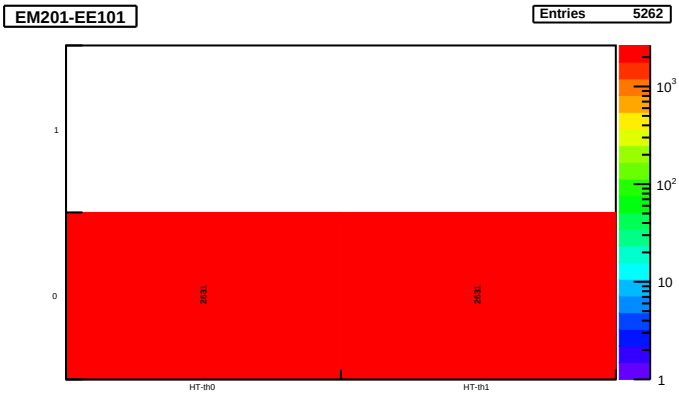

EM201-BC104Diff
Entries 2680
1
0
-1
2179
335
30
54
69
5
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

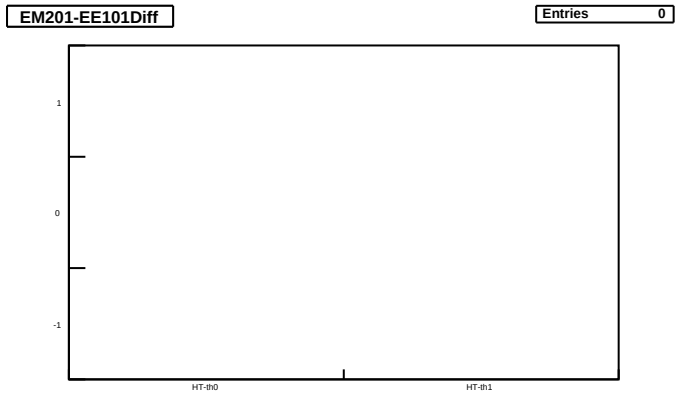

EM201-BC105
Entries 23679
1
0
2230
455
55
6
121
401
2176
2576
2625
2631
2631
2631
2631
2510
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

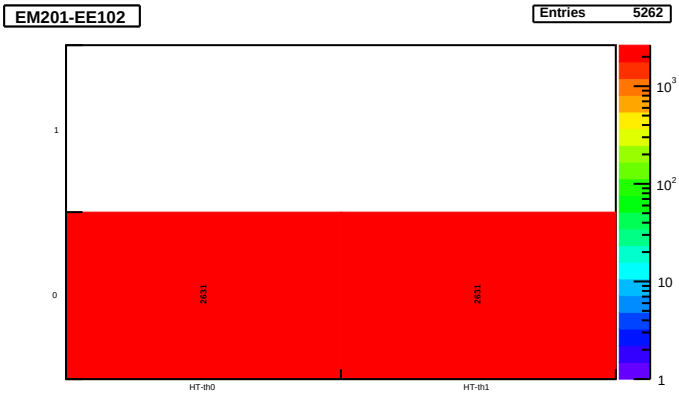

EM201-BC105Diff
Entries 2707
1
0
-1
2132
377
47
6
59
79
7
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

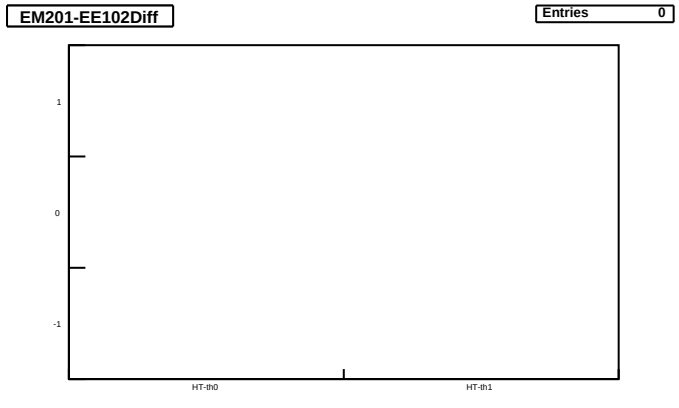

EM201-BC106
Entries 23679
1
0
2242
459
40
2
106
389
2172
2591
2629
2631
2631
2631
2631
2525
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

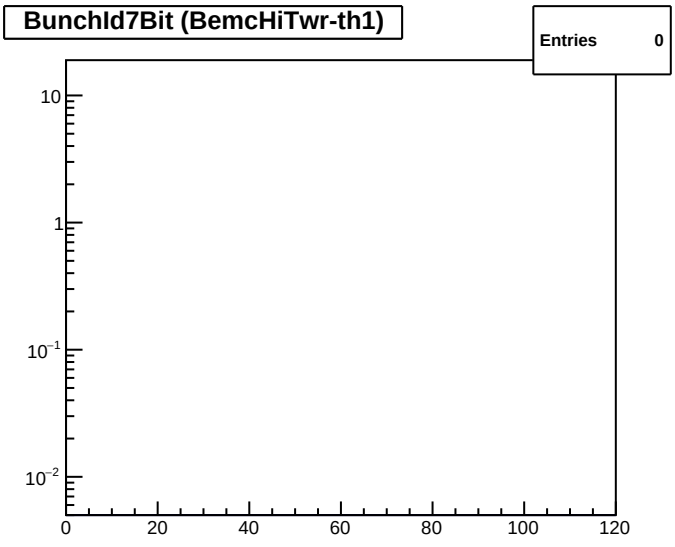

EM201-BC106Diff
Entries 2678
1
0
-1
2161
393
34
2
33
48
7
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

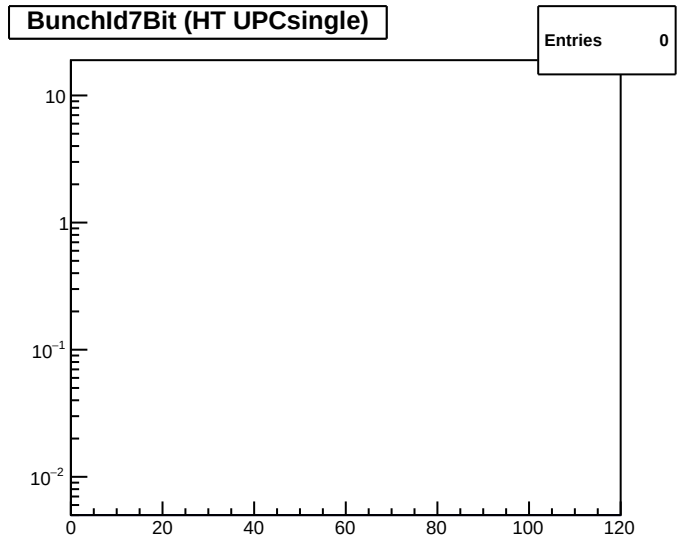

EM201-EE101
Entries 5262
1
0
2631
2631
HT-th0
HT-th1
10^3
10^2
10
1

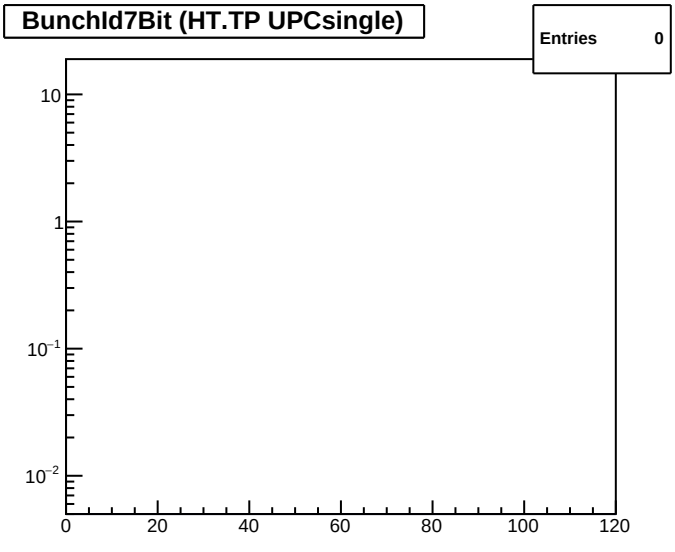

EM201-EE101Diff
Entries 0
1
0
-1
HT-th0
HT-th1

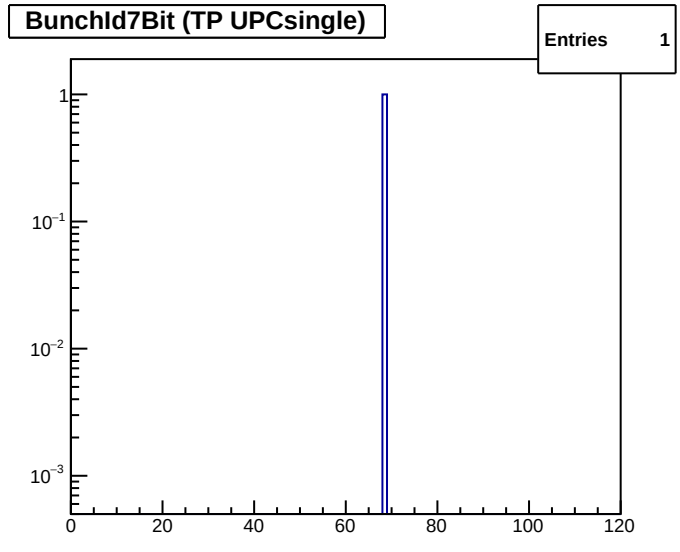

EM201-EE102
Entries 5262
1
0
2631
2631
HT-th0
HT-th1
10^3
10^2
10
1

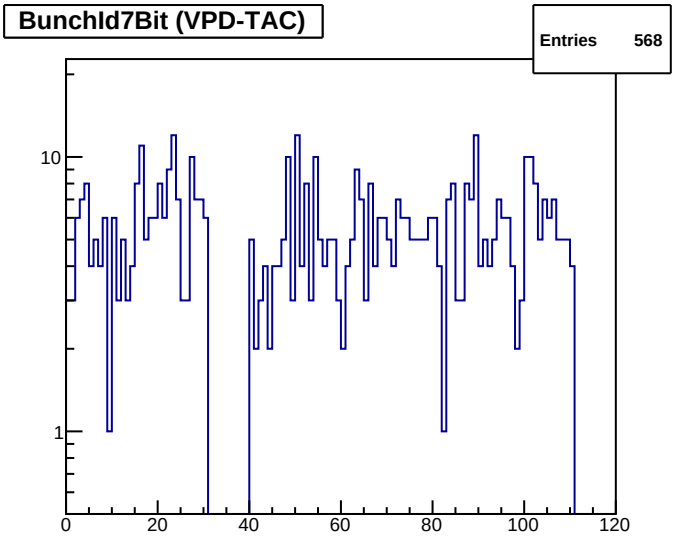

EM201-EE102Diff
Entries 0
1
0
-1
HT-th0
HT-th1

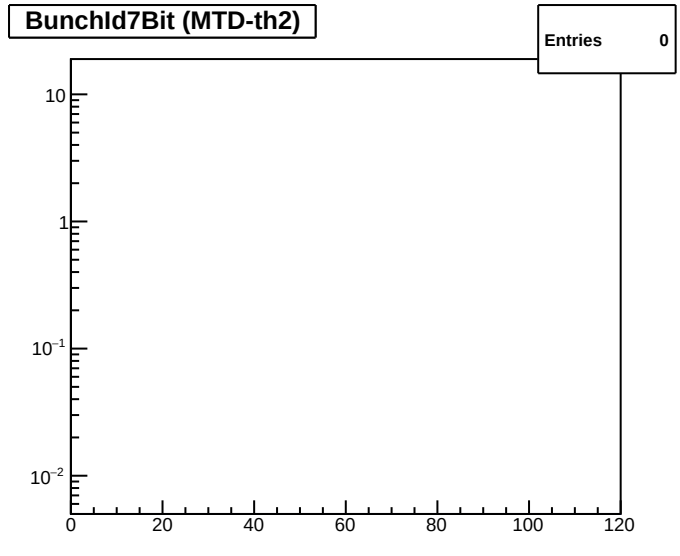

BunchId7Bit (BemcHiTwr-th1)
Entries 0

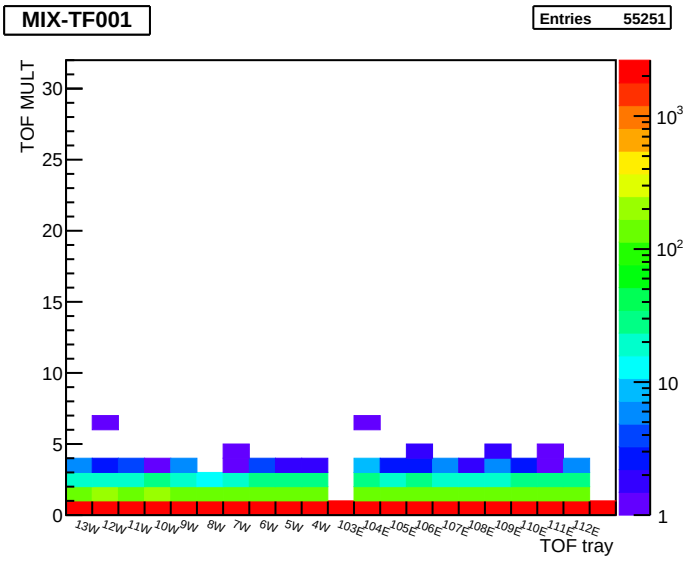

BunchId7Bit (HT UPCsingle)
Entries 0

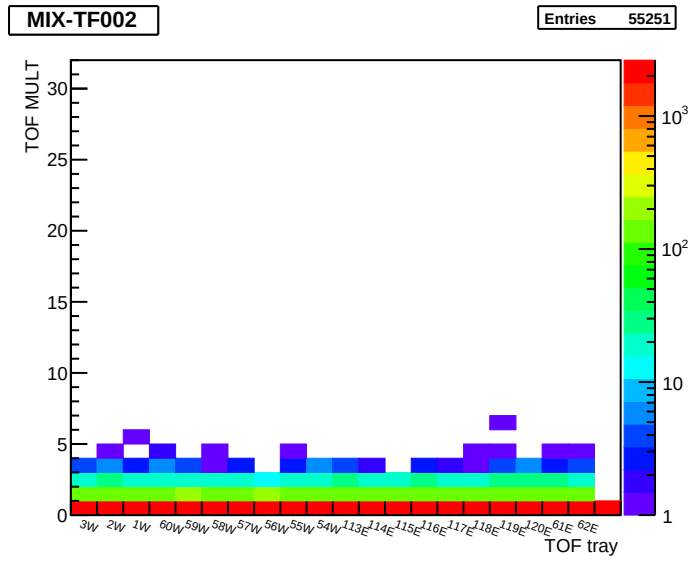

BunchId7Bit (HT.TP UPCsingle)
Entries 0

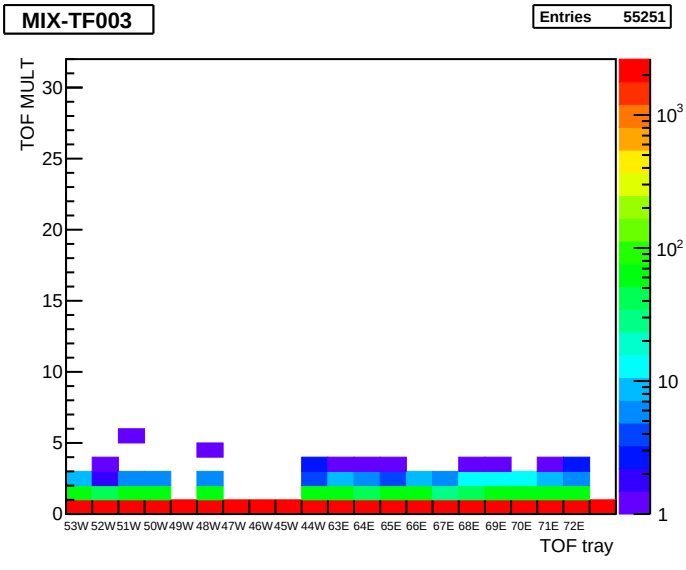

BunchId7Bit (TP UPCsingle)
Entries 1

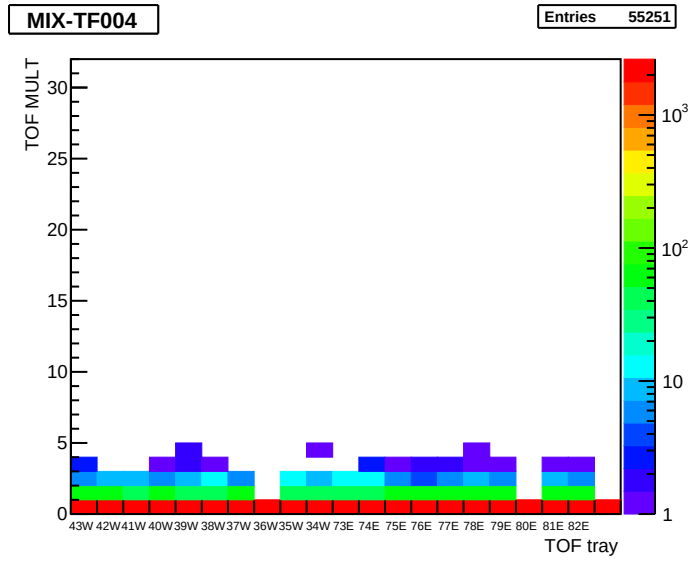

BunchId7Bit (VPD-TAC)
Entries 568

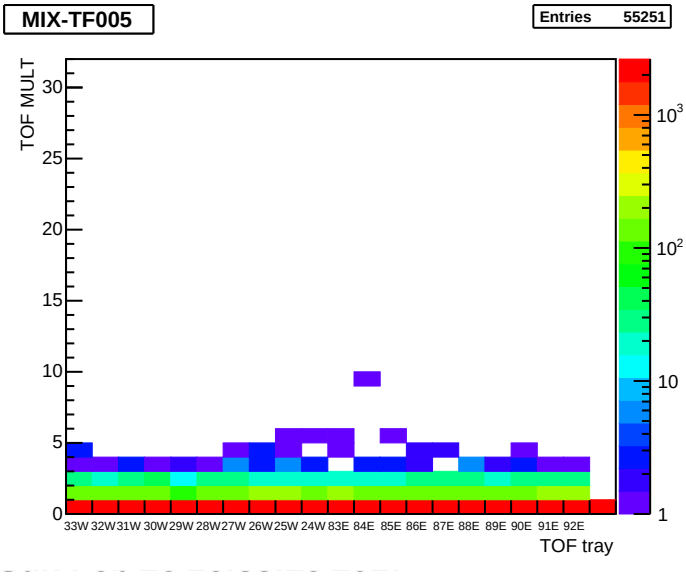

BunchId7Bit (MTD-th2)
Entries 0

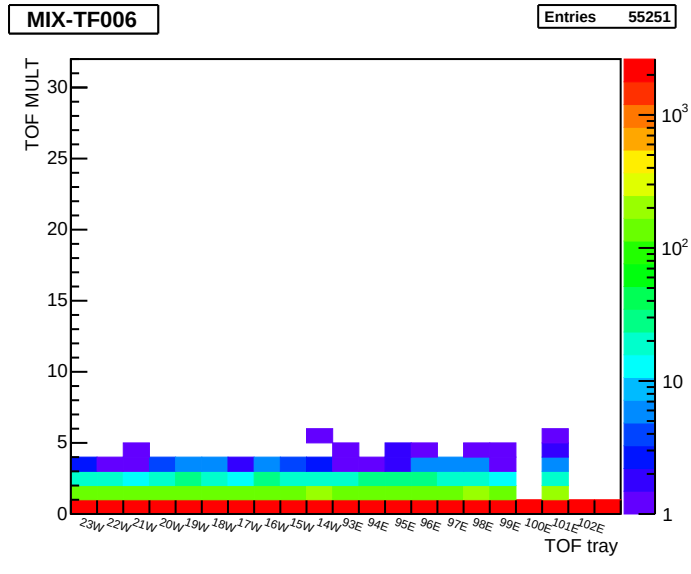

MIX-TF001
Entries 55251
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

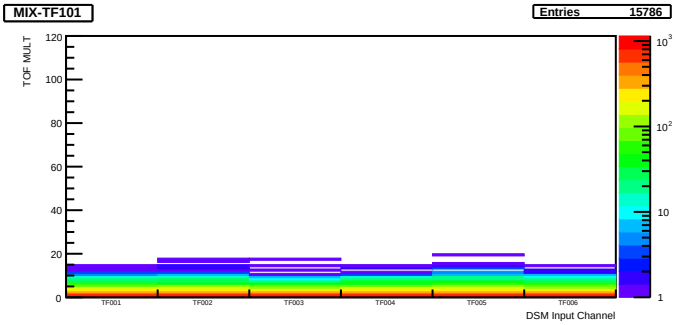

MIX-TF002
Entries 55251
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

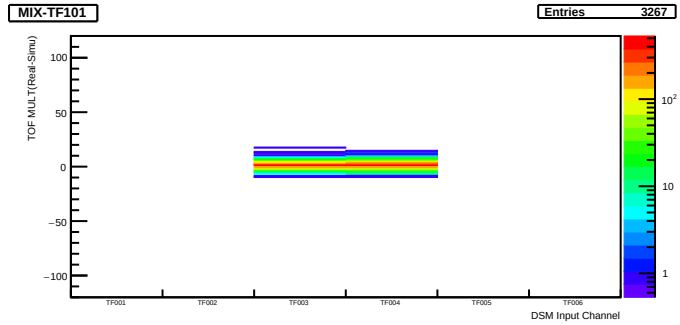

MIX-TF003
Entries 55251
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

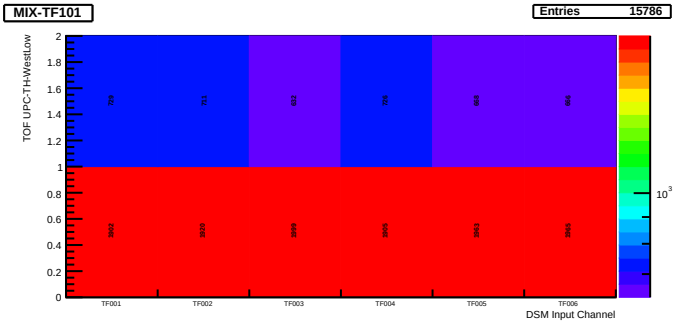

MIX-TF004
Entries 55251
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

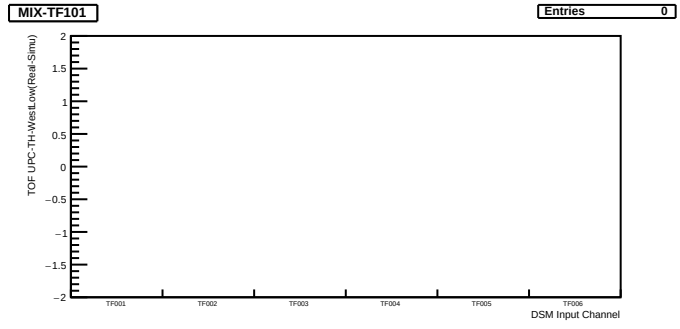

MIX-TF005
Entries 55251
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

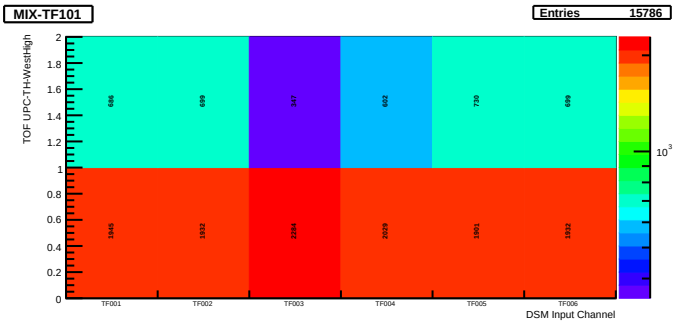

MIX-TF006
Entries 55251
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

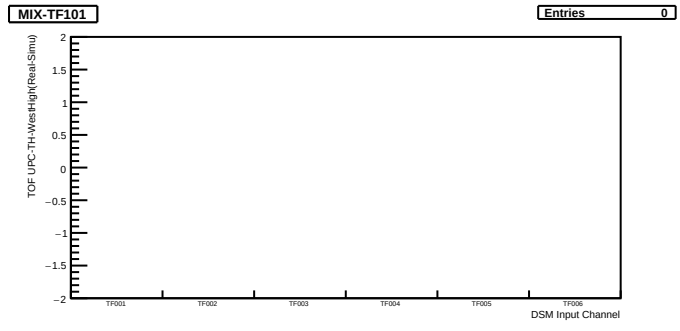

MIX-TF101
Entries 15786
TOF MULT
DSM Input Channel

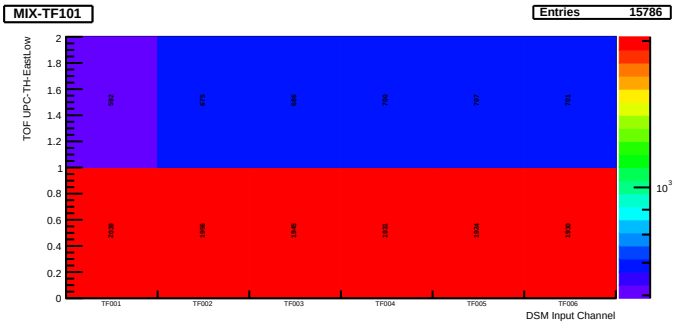

MIX-TF101
Entries 3267
TOF MULT(Real-Simu)
DSM Input Channel

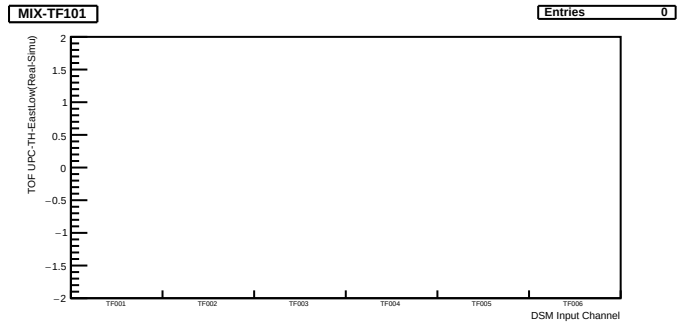

MIX-TF101
Entries 15786
TOF UPC-TH-WestLow
DSM Input Channel

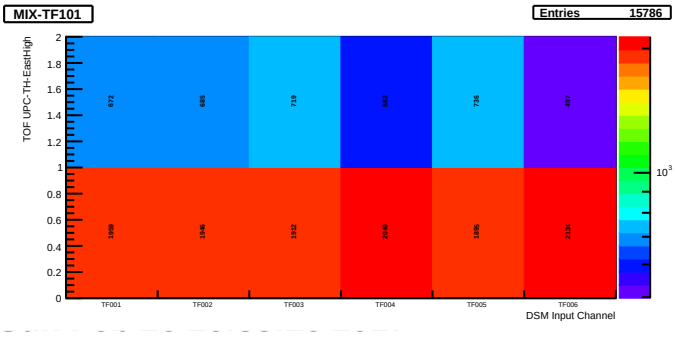

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel

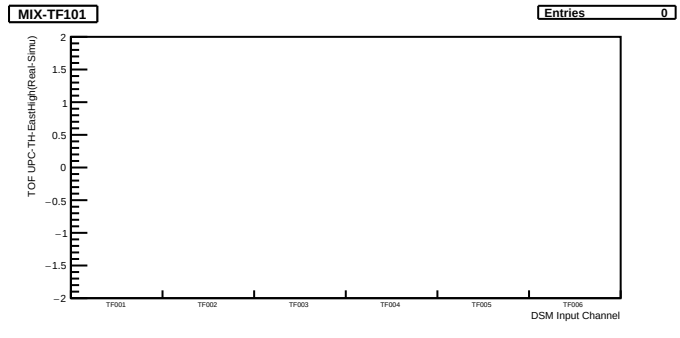

MIX-TF101
Entries 15786
TOF UPC-TH-WestHigh
DSM Input Channel

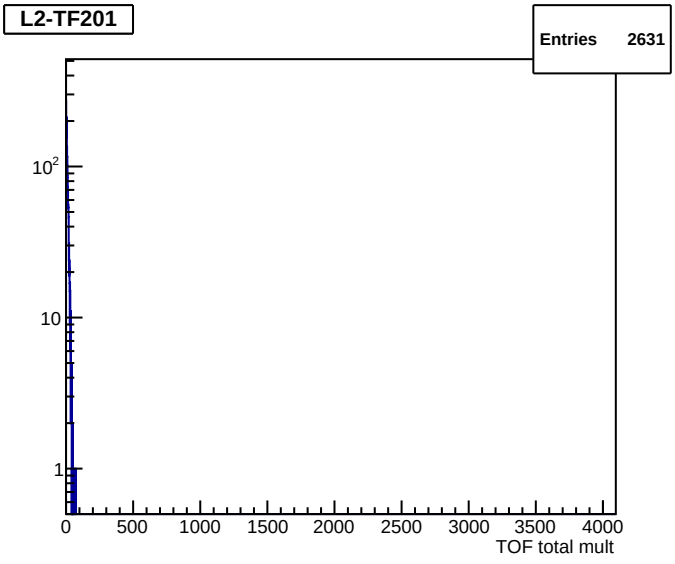

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel

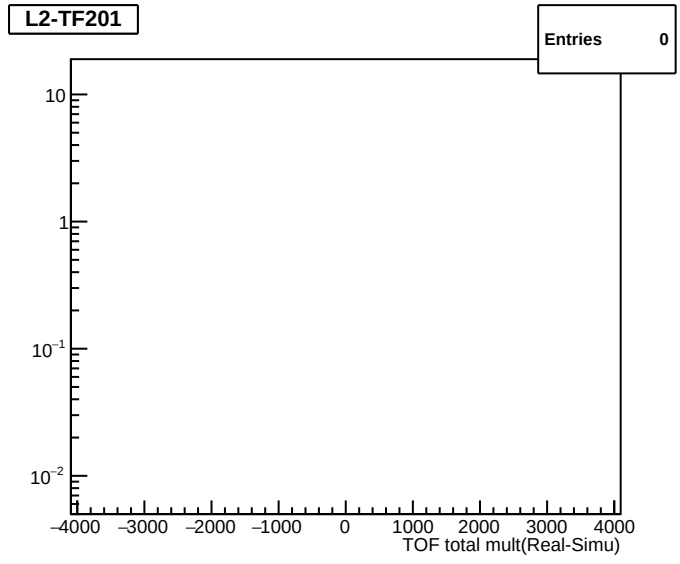

MIX-TF101
Entries 15786
TOF UPC-TH-EastLow
DSM Input Channel

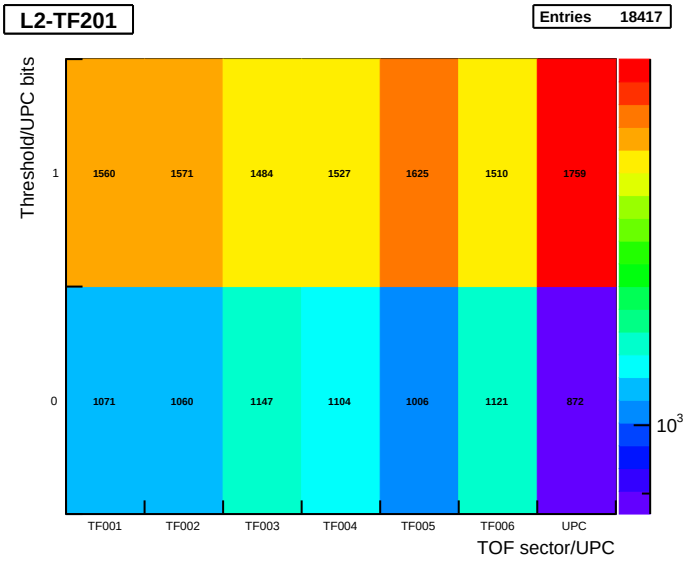

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel

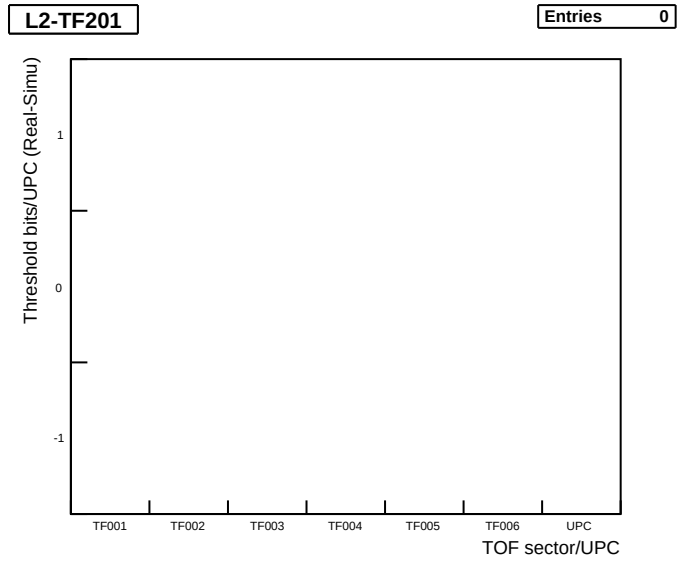

MIX-TF101
Entries 15786
TOF UPC-TH-EastHigh
DSM Input Channel

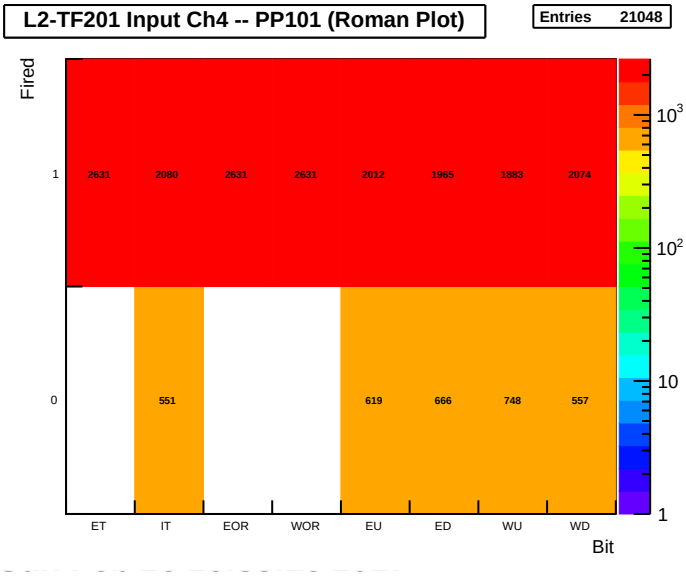

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel

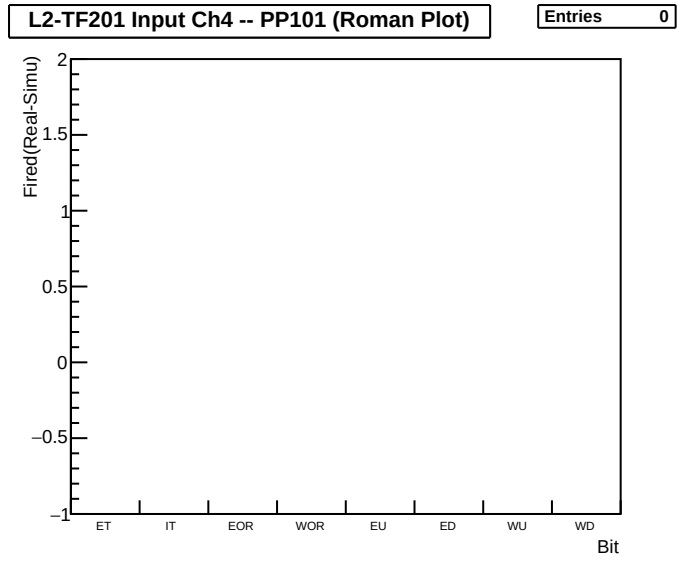

L2-TF201
Entries 2631
TOF total mult

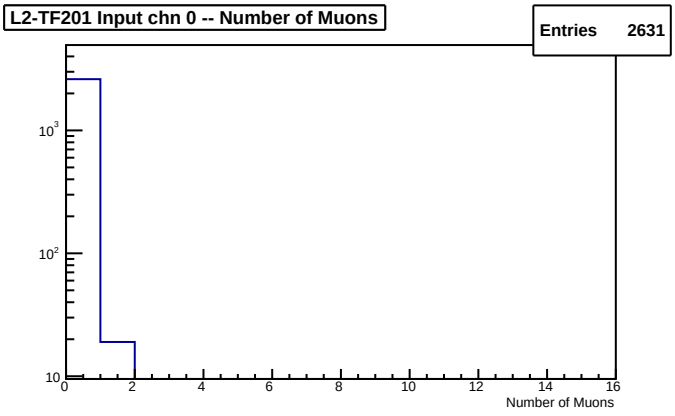

L2-TF201
Entries 0
TOF total mult(Real-Simu)

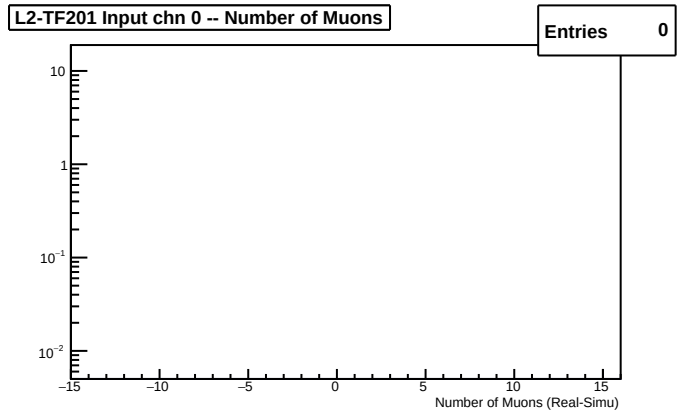

L2-TF201
Entries 18417
Threshold/UPC bits
1560 1571 1484 1527 1625 1510 1759
1071 1060 1147 1104 1006 1121 872
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

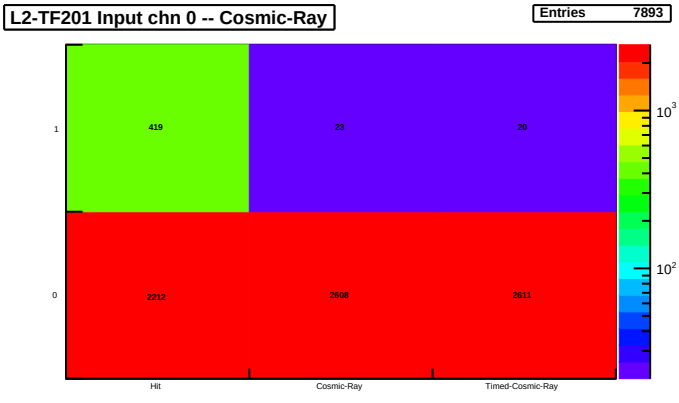

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

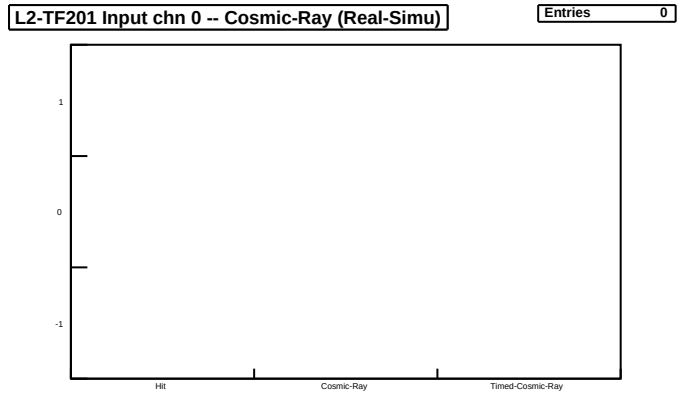

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 21048
Fired
2631 2080 2631 2631 2012 1965 1883 2074
551 619 666 748 557
ET IT EOR WOR EU ED WU WD
Bit

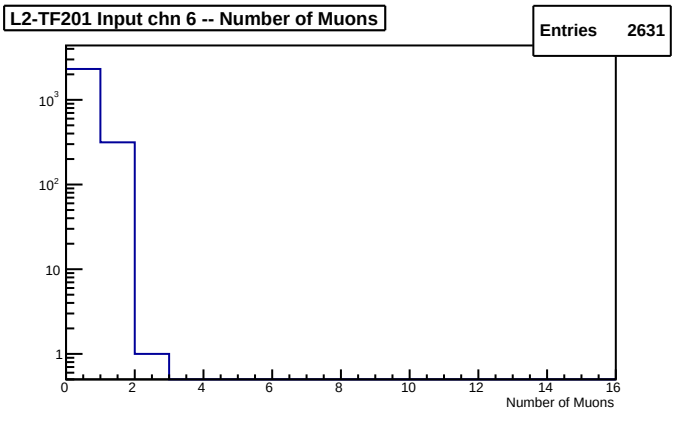

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

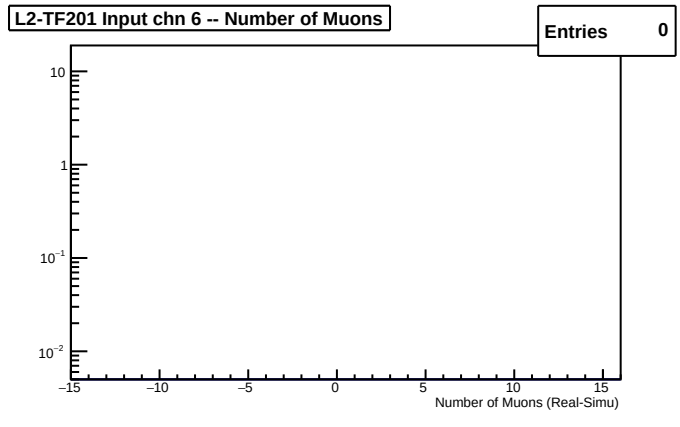

L2-TF201 Input chn 0 -- Number of Muons
Entries 2631
Number of Muons

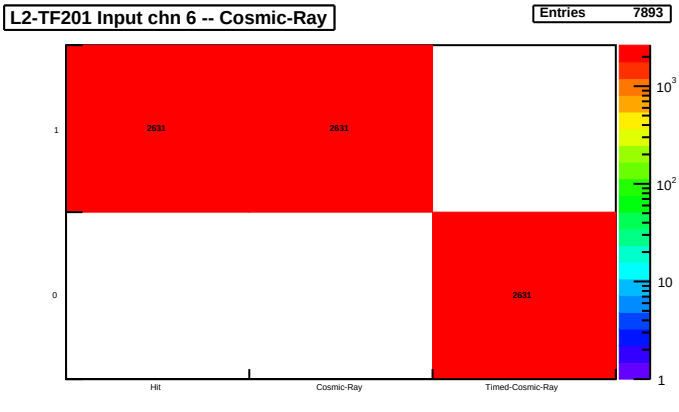

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

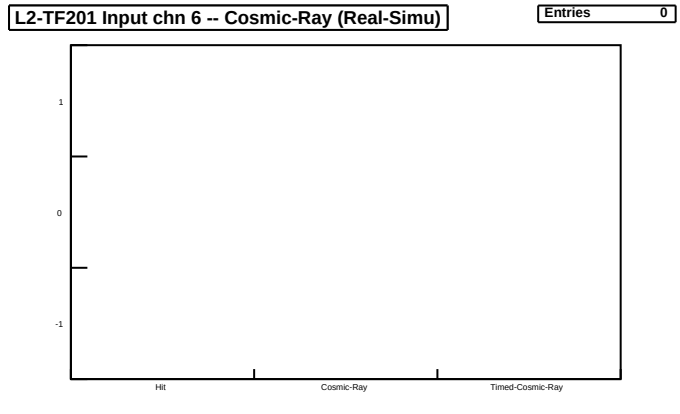

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 7893
419
23
20
2212
2608
2611
Hit
Cosmic-Ray
Timed-Cosmic-Ray

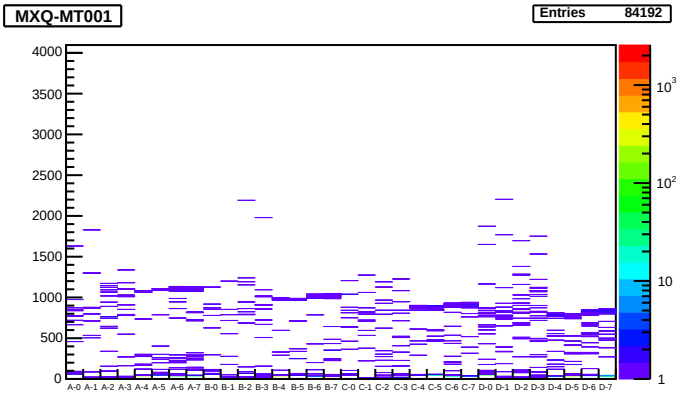

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

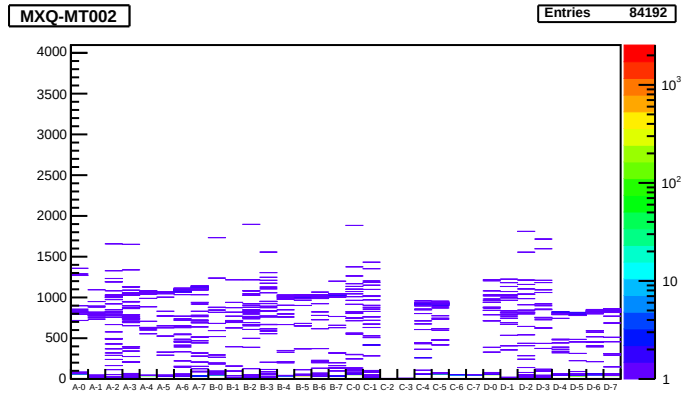

L2-TF201 Input chn 6 -- Number of Muons
Entries 2631
Number of Muons

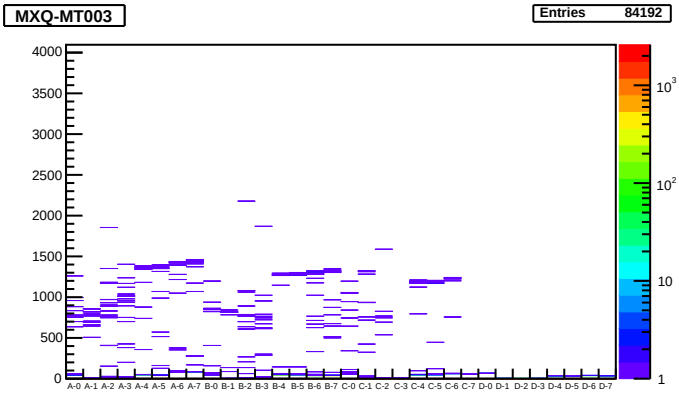

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

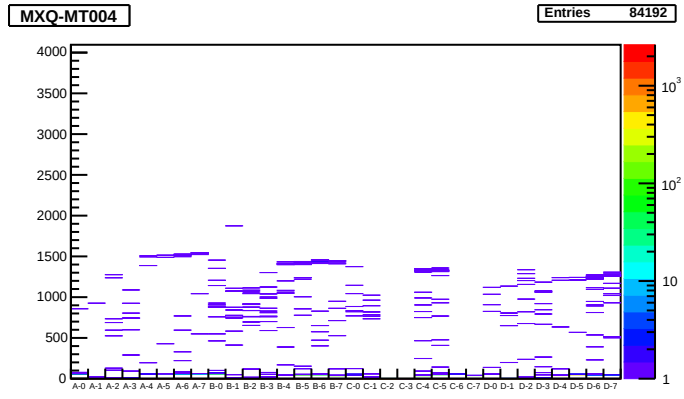

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 7893
2631
2631
2631
Hit
Cosmic-Ray
Timed-Cosmic-Ray

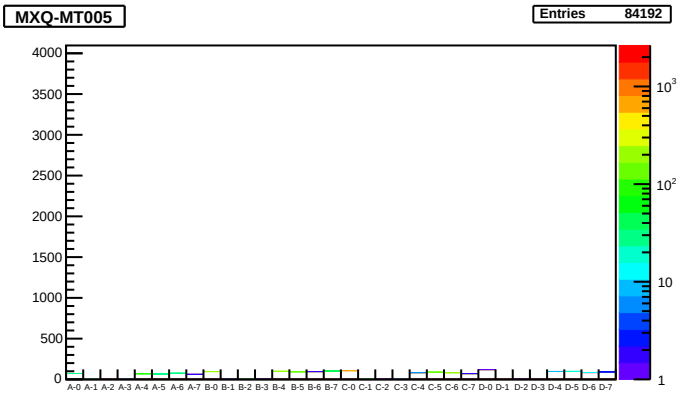

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

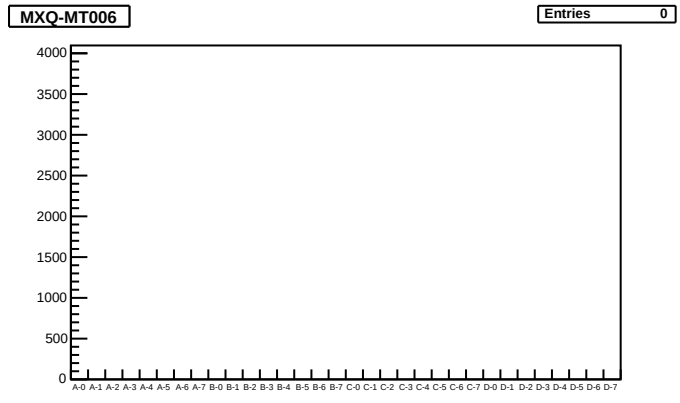

MXQ-MT001
Entries 84192

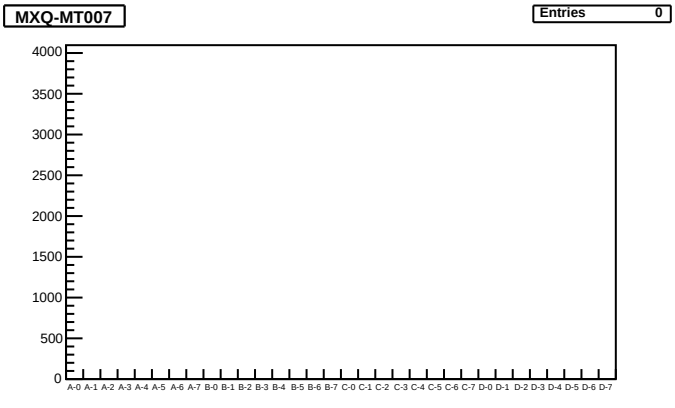

MXQ-MT002
Entries 84192

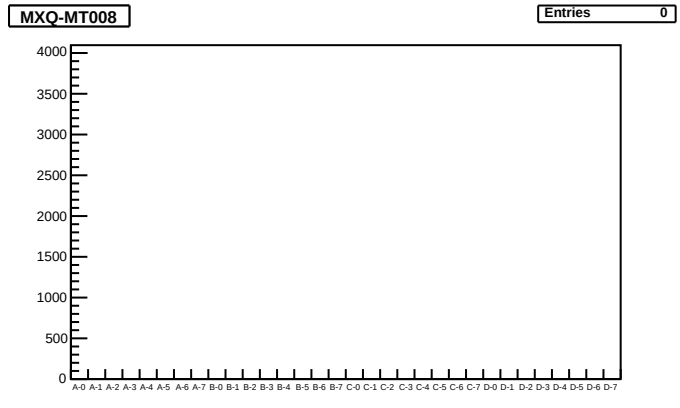

MXQ-MT003
Entries 84192

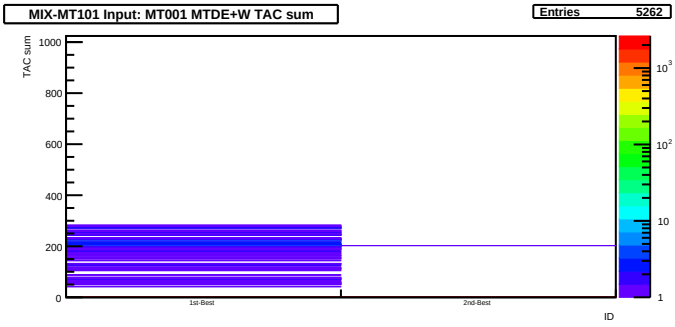

MXQ-MT004
Entries 84192

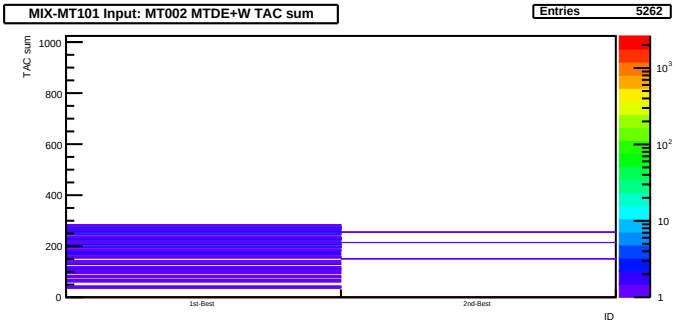

MXQ-MT005
Entries 84192

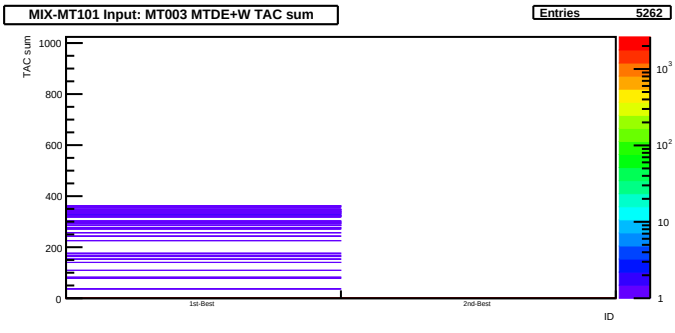

MXQ-MT006
Entries 0

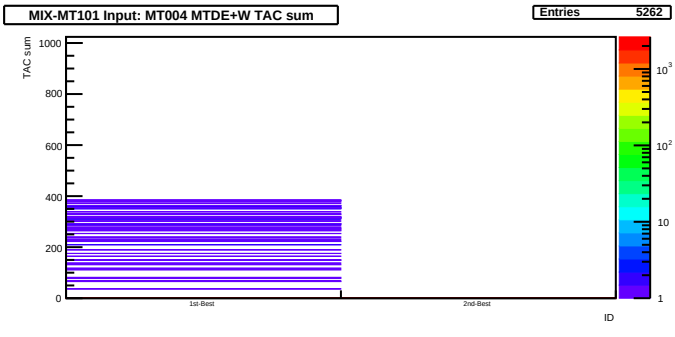

MXQ-MT007
Entries 0

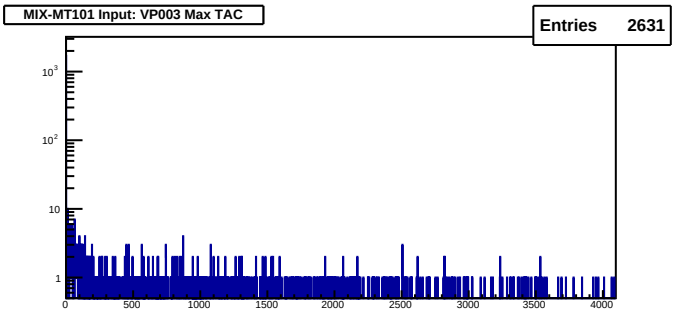

MXQ-MT008
Entries 0

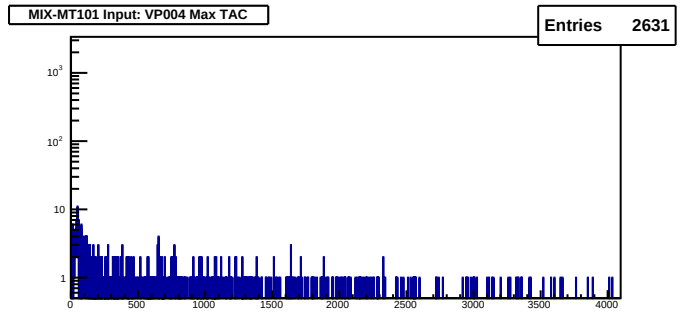

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 5262
TAC sum
1st-Best
2nd-Best
ID

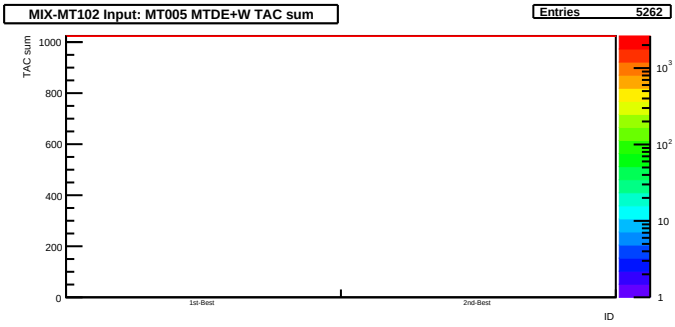

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 5262
TAC sum
1st-Best
2nd-Best
ID

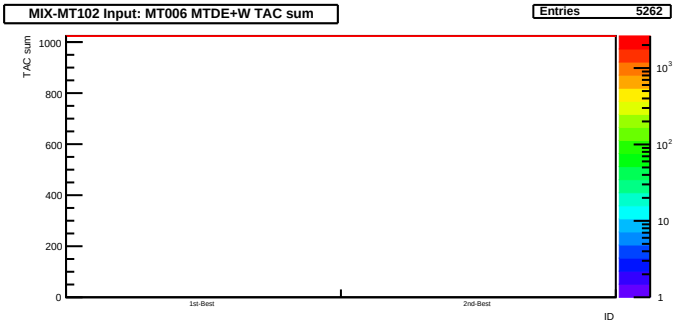

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 5262
TAC sum
1st-Best
2nd-Best
ID

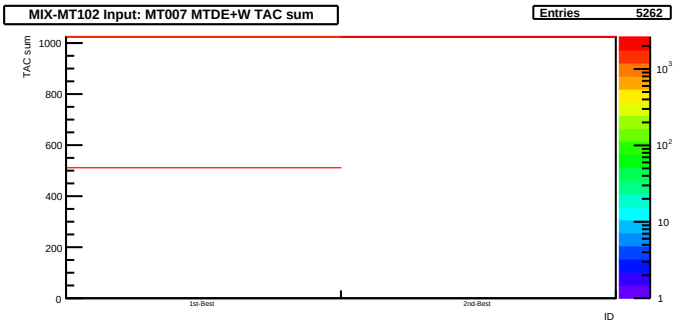

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 5262
TAC sum
1st-Best
2nd-Best
ID

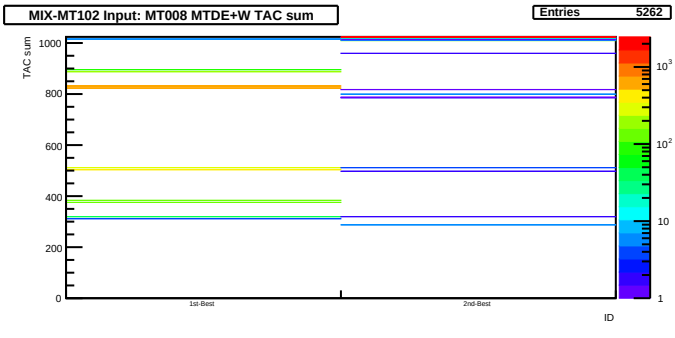

MIX-MT101 Input: VP003 Max TAC
Entries 2631

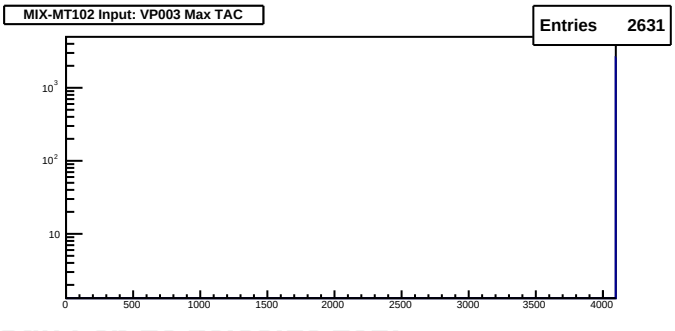

MIX-MT101 Input: VP004 Max TAC
Entries 2631

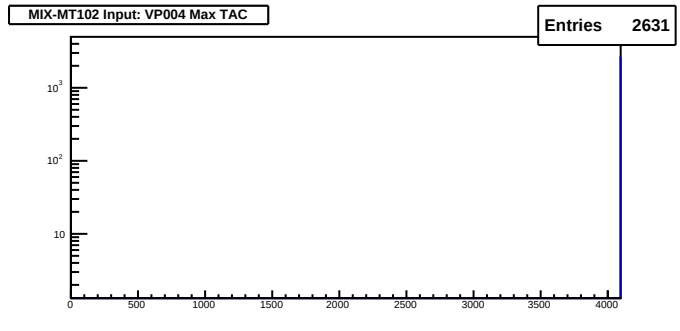

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 5262
TAC sum
1st-Best
2nd-Best
ID

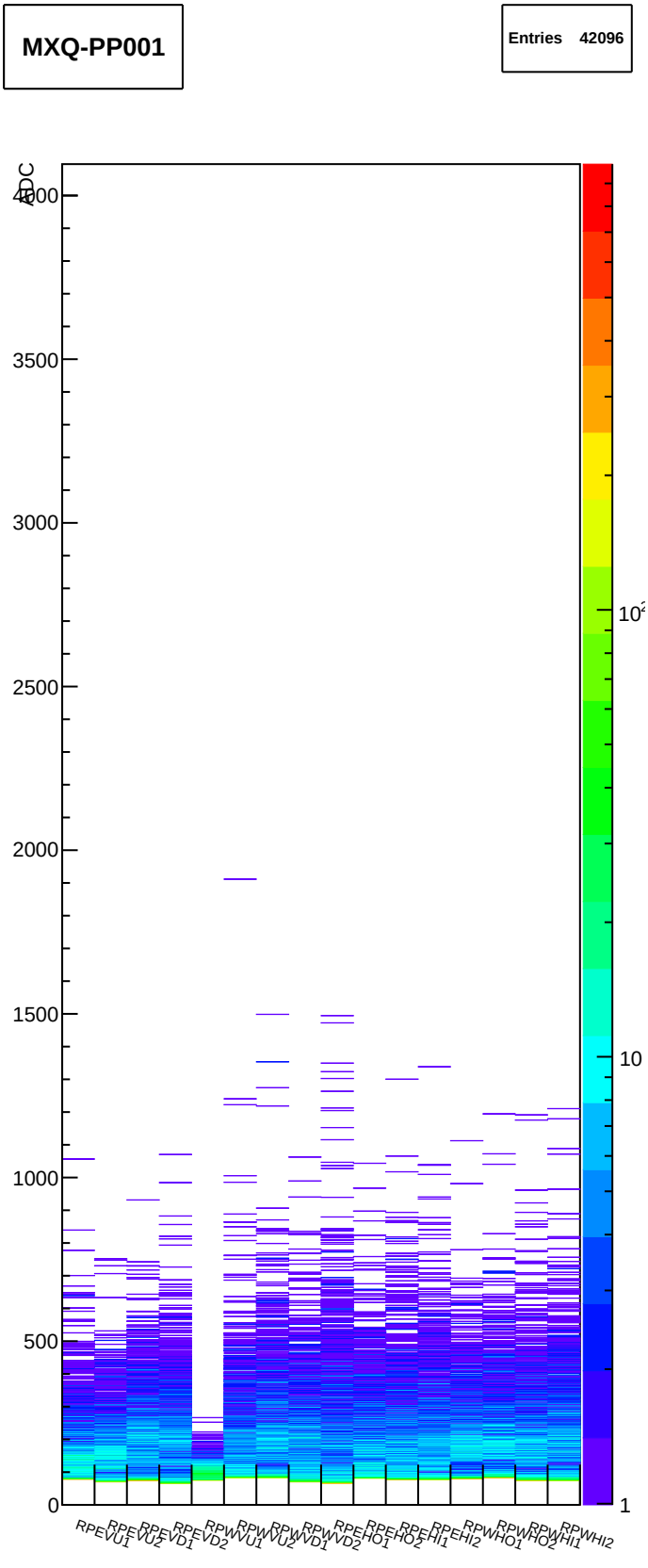

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 5262
TAC sum
1st-Best
2nd-Best
ID

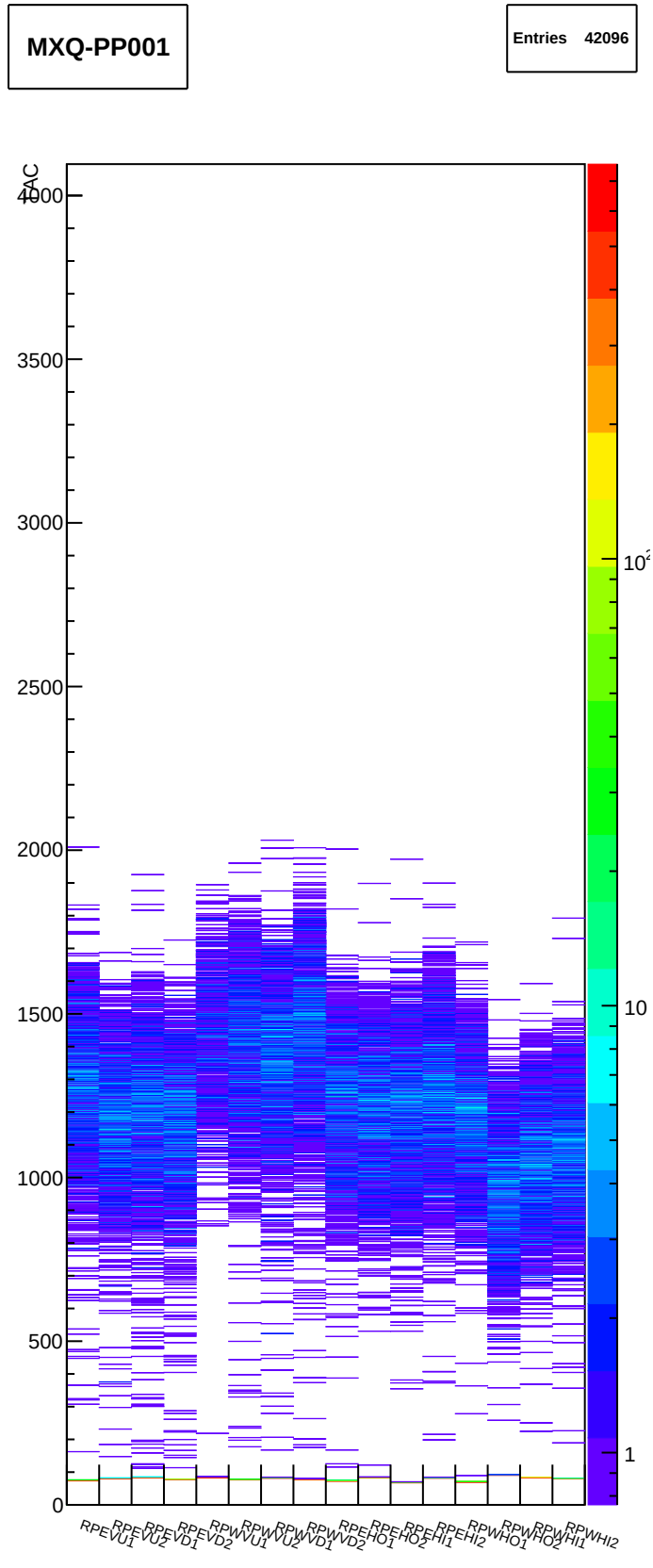

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 5262
TAC sum
1st-Best
2nd-Best
ID

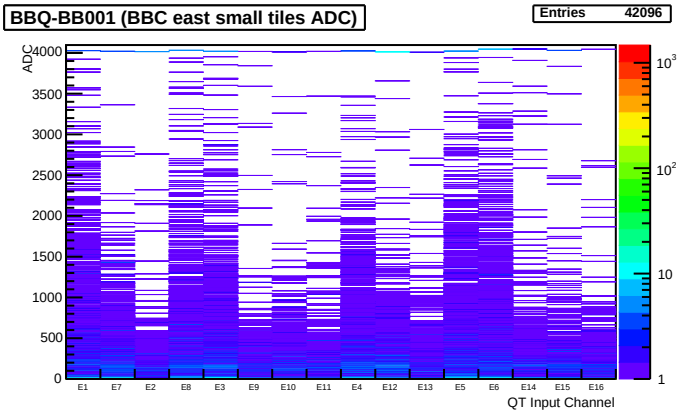

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 5262
TAC sum
1st-Best
2nd-Best
ID

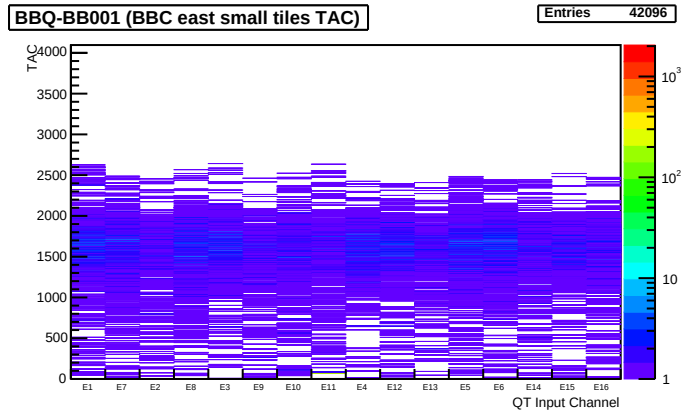

MIX-MT102 Input: VP003 Max TAC
Entries 2631

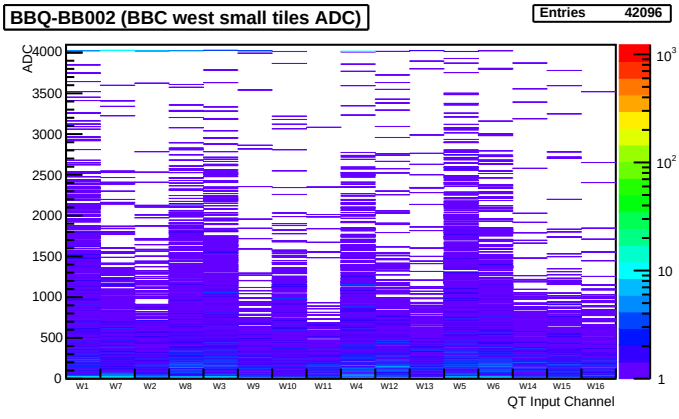

MIX-MT102 Input: VP004 Max TAC
Entries 2631

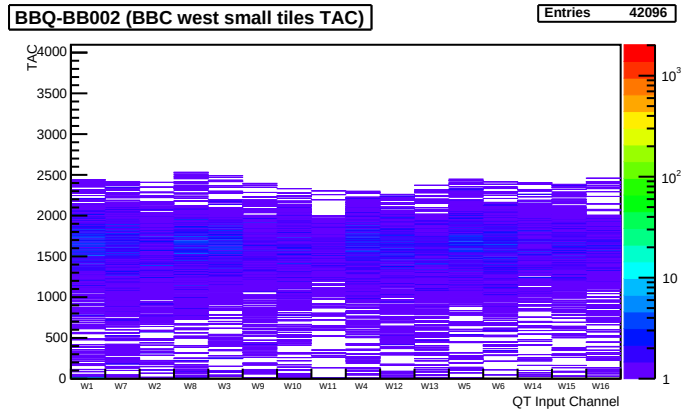

MXQ-PP001
Entries 42096
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10²
10
1

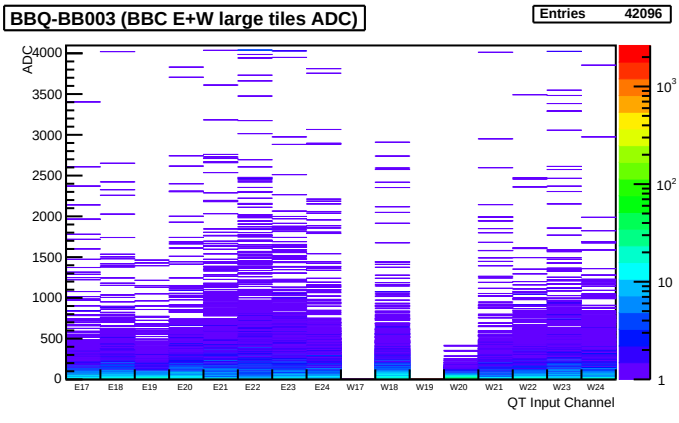

MXQ-PP001
Entries 42096
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10²
10
1

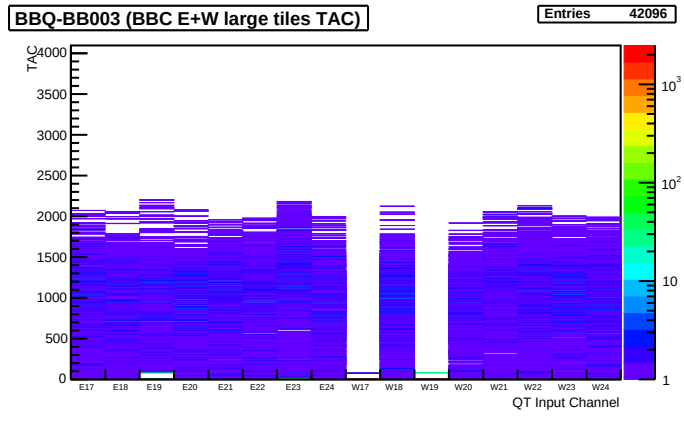

BBQ-BB001 (BBC east small tiles ADC)
Entries 42096
ADC
QT Input Channel

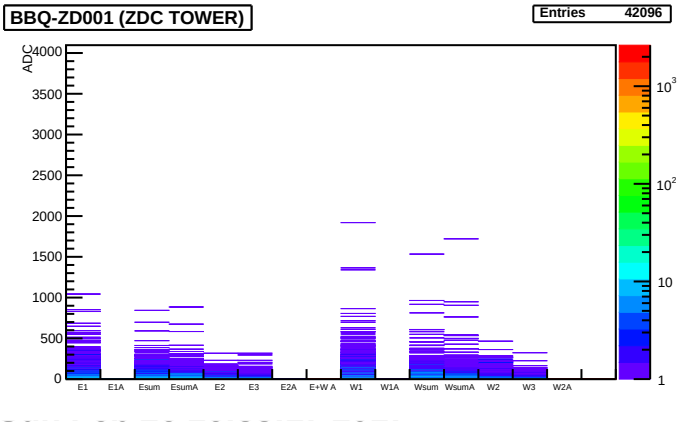

BBQ-BB001 (BBC east small tiles TAC)
Entries 42096
TAC
QT Input Channel

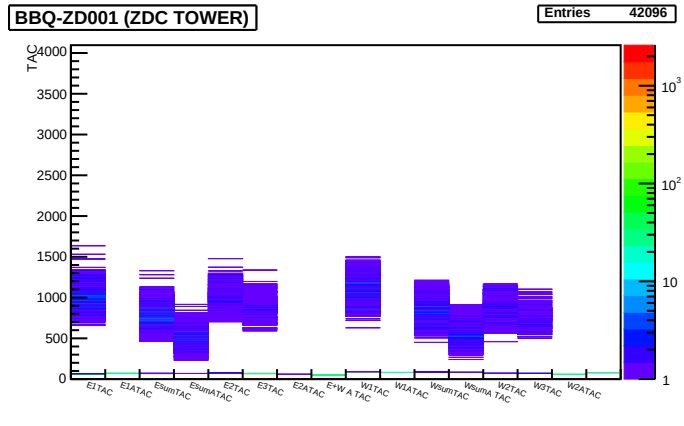

BBQ-BB002 (BBC west small tiles ADC)
Entries 42096
ADC
QT Input Channel

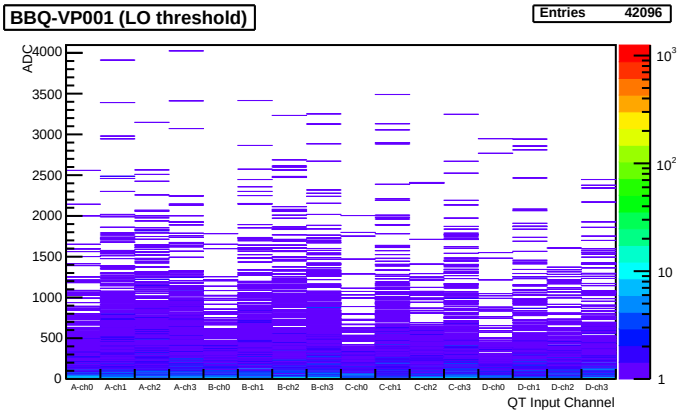

BBQ-BB002 (BBC west small tiles TAC)
Entries 42096
TAC
QT Input Channel

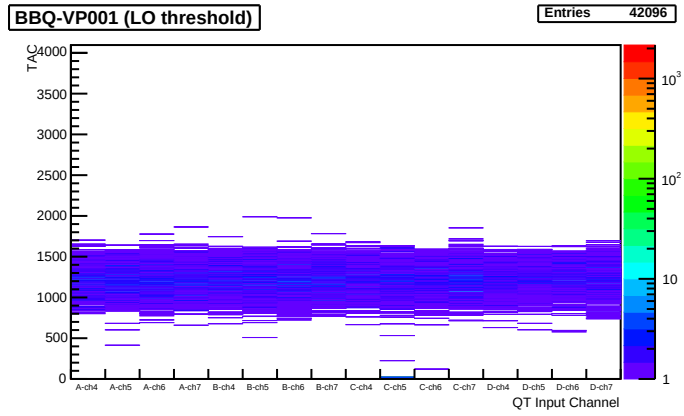

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 42096
ADC
QT Input Channel

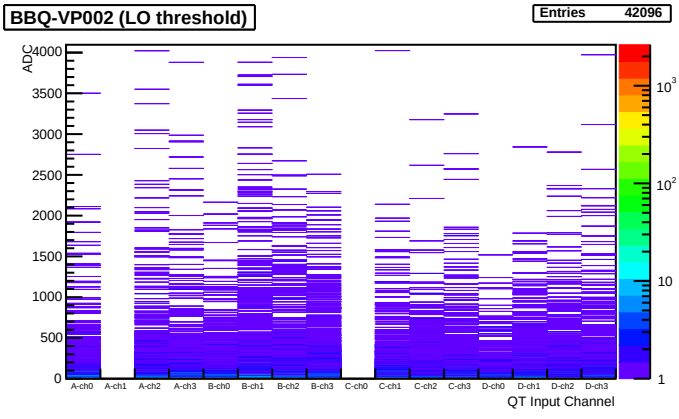

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 42096
TAC
QT Input Channel

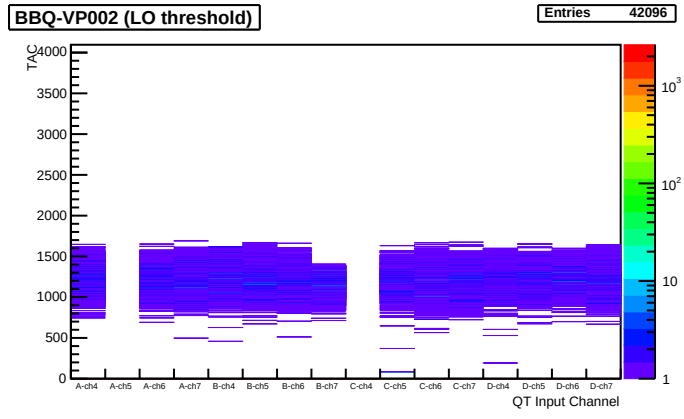

BBQ-ZD001 (ZDC TOWER)
Entries 42096
ADC

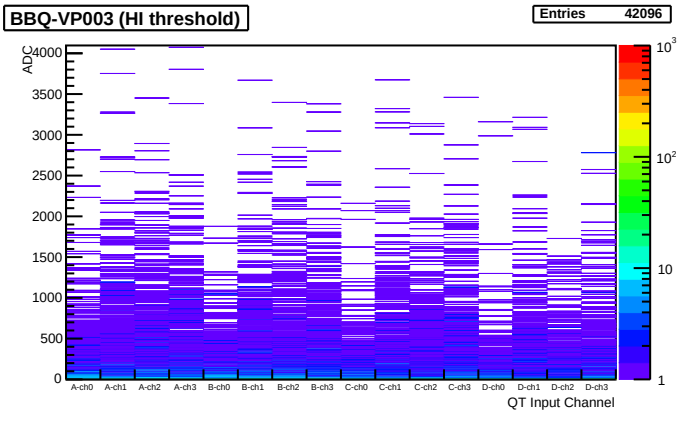

BBQ-ZD001 (ZDC TOWER)
Entries 42096
TAC

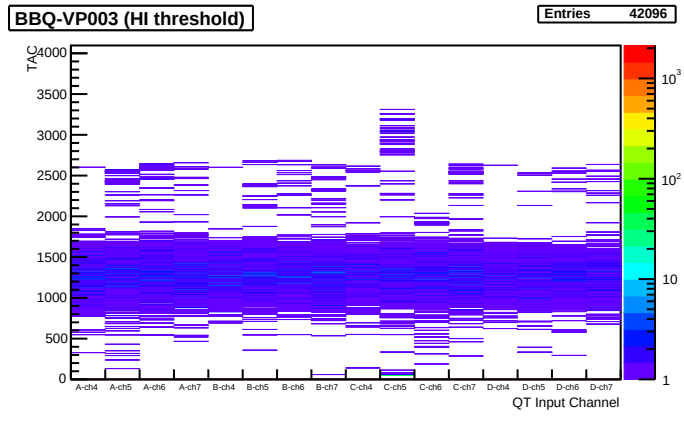

BBQ-VP001 (LO threshold)
Entries 42096
ADC
QT Input Channel

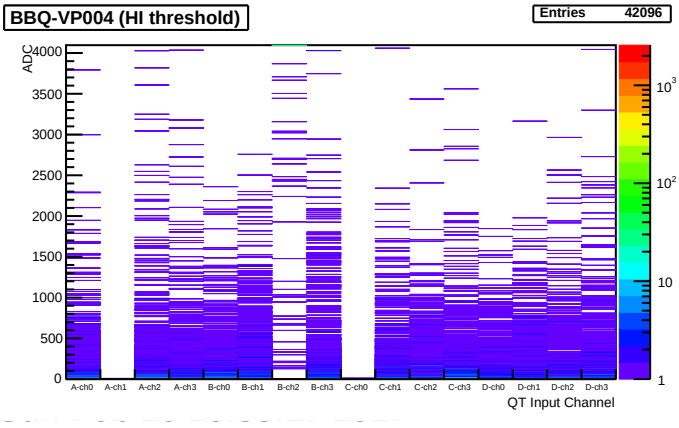

BBQ-VP001 (LO threshold)
Entries 42096
TAC
QT Input Channel

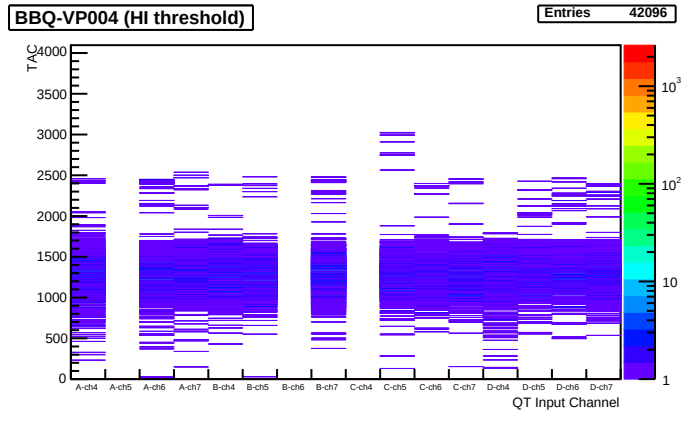

BBQ-VP002 (LO threshold)
Entries 42096
ADC
QT Input Channel

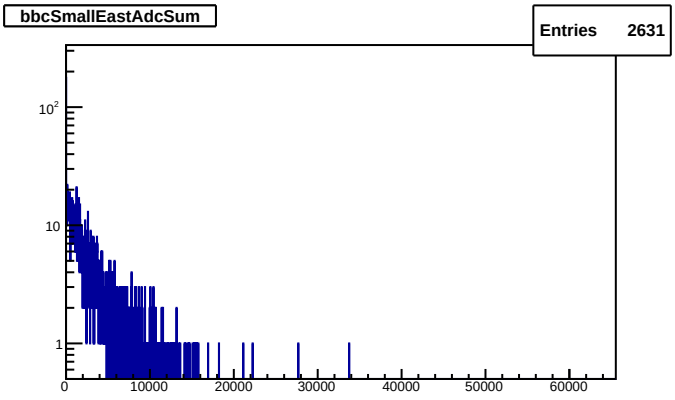

BBQ-VP002 (LO threshold)
Entries 42096
TAC
QT Input Channel

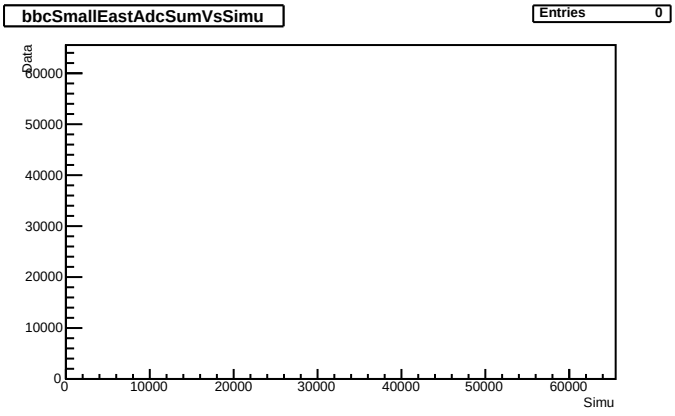

BBQ-VP003 (HI threshold)
Entries 42096
ADC
QT Input Channel

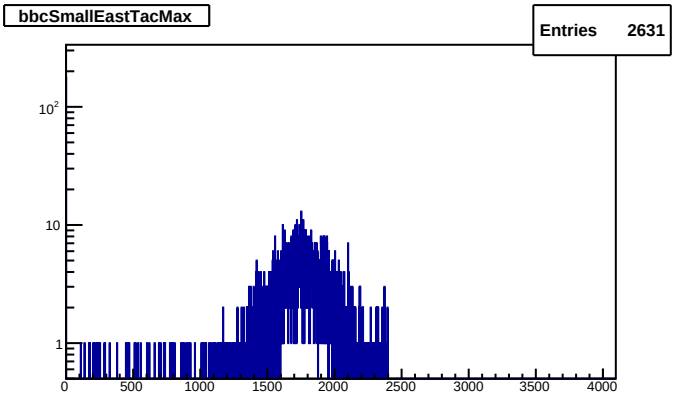

BBQ-VP003 (HI threshold)
Entries 42096
TAC
QT Input Channel

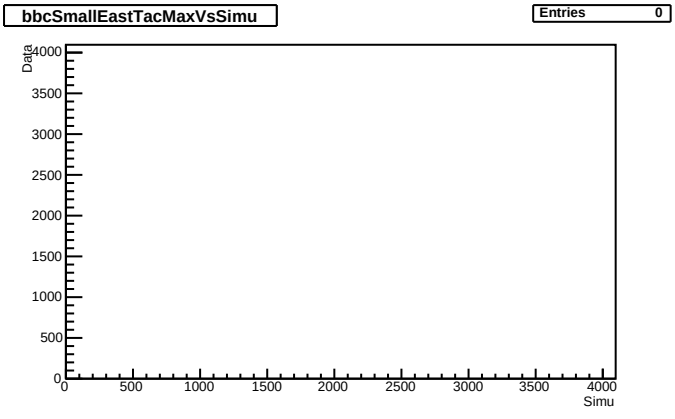

BBQ-VP004 (HI threshold)
Entries 42096
ADC
QT Input Channel

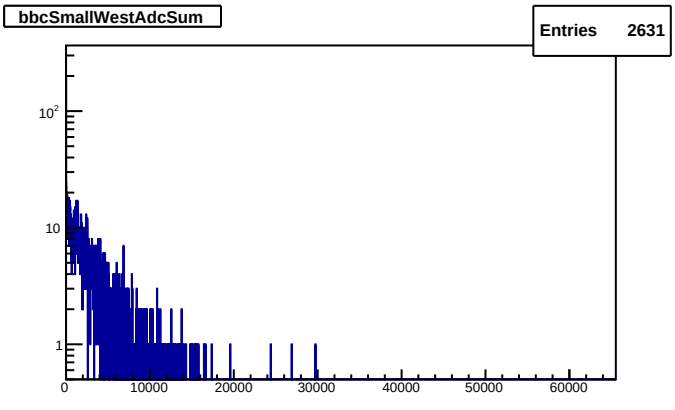

BBQ-VP004 (HI threshold)
Entries 42096
TAC
QT Input Channel

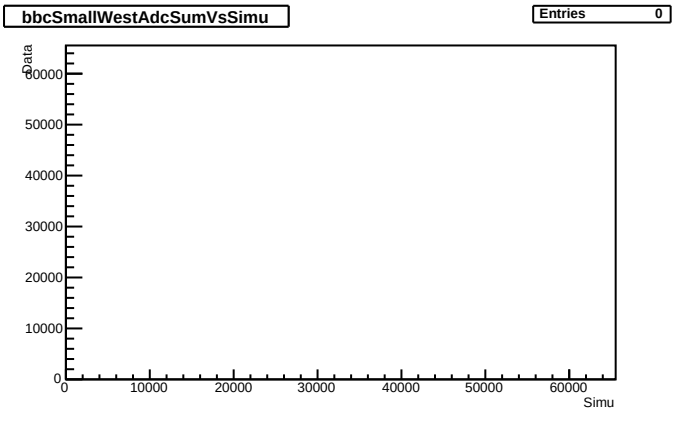

bbcSmallEastAdcSum
Entries 2631

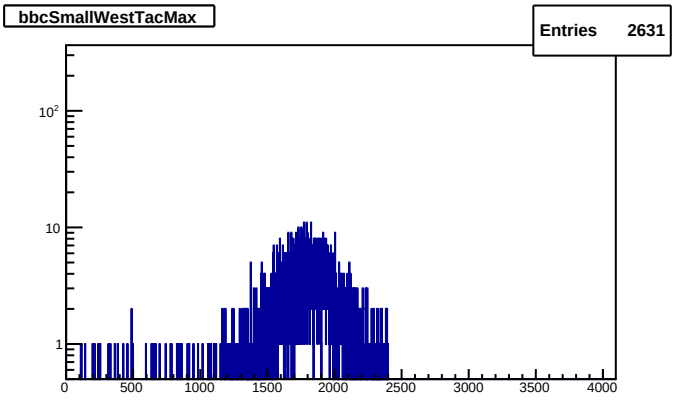

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

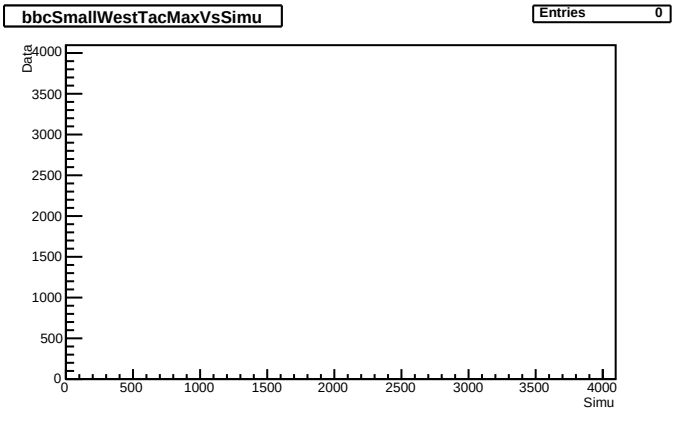

bbcSmallEastTacMax
Entries 2631

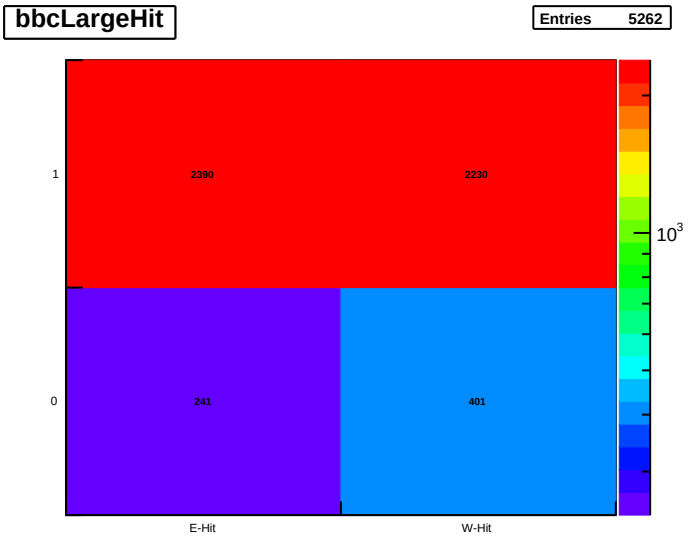

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

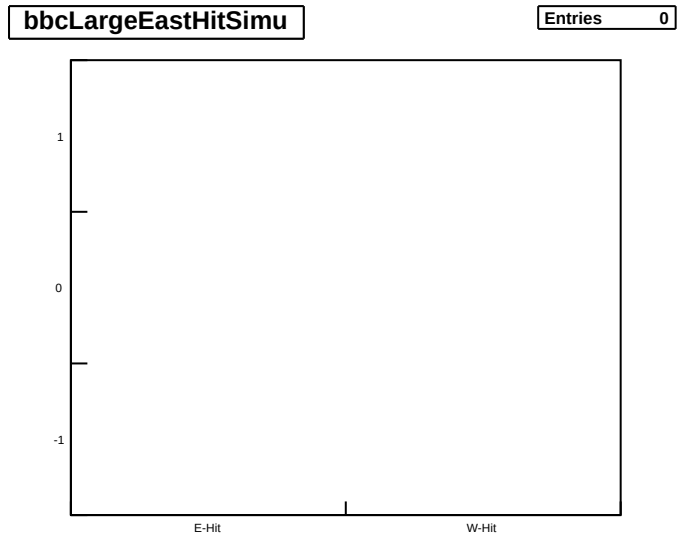

bbcSmallWestAdcSum
Entries 2631

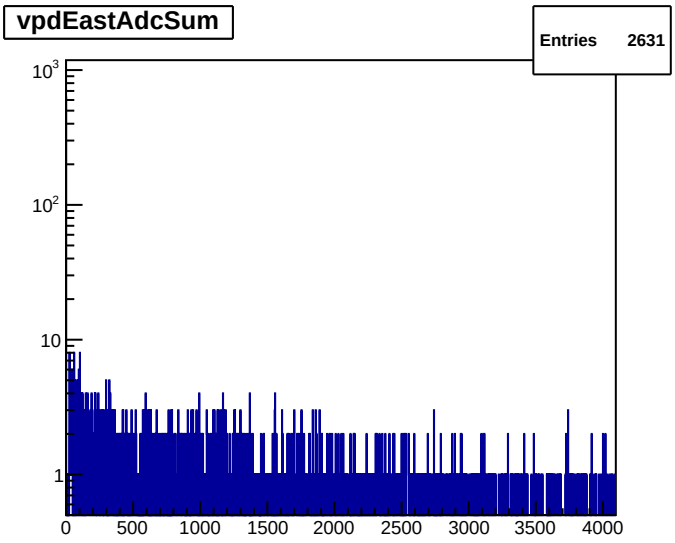

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

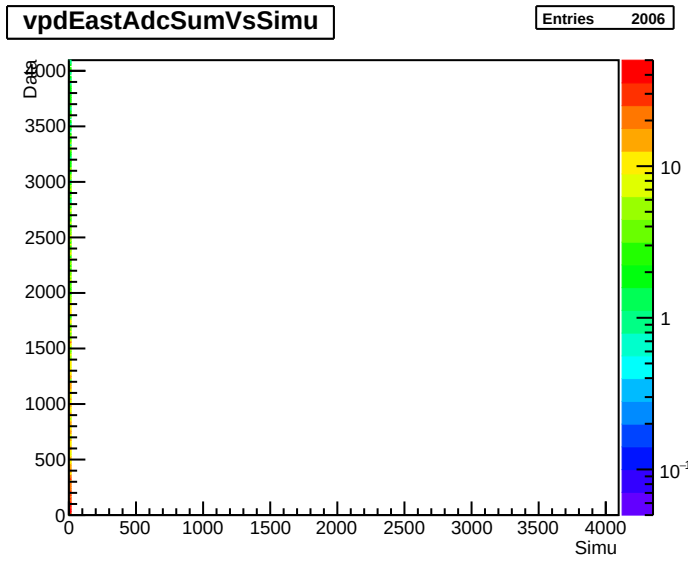

bbcSmallWestTacMax
Entries 2631

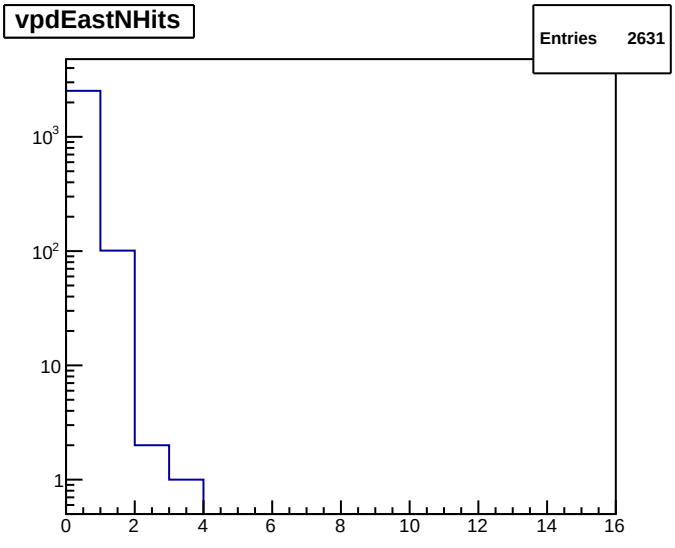

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

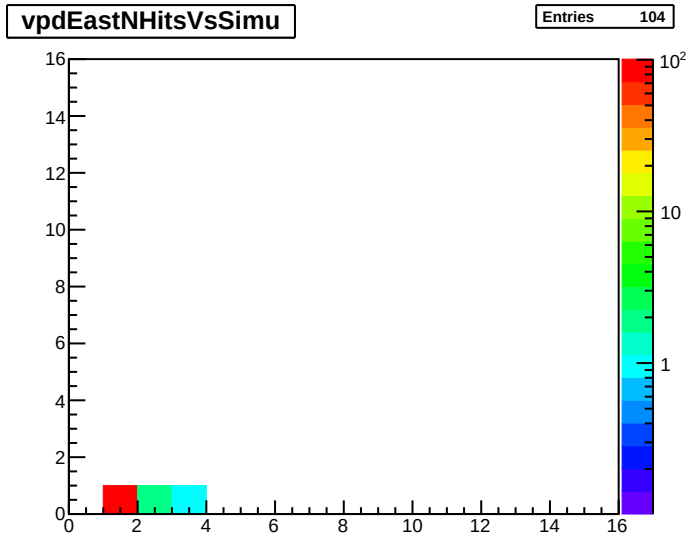

bbcLargeHit
Entries 5262
1
0
2390
2230
241
401
E-Hit
W-Hit
10^3

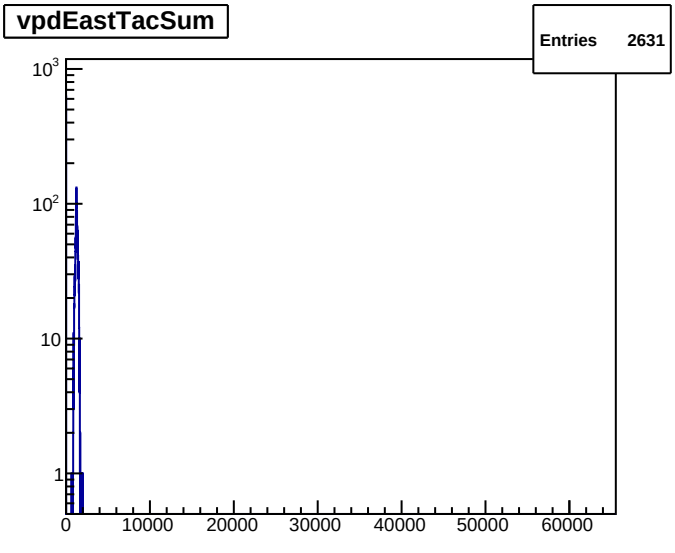

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

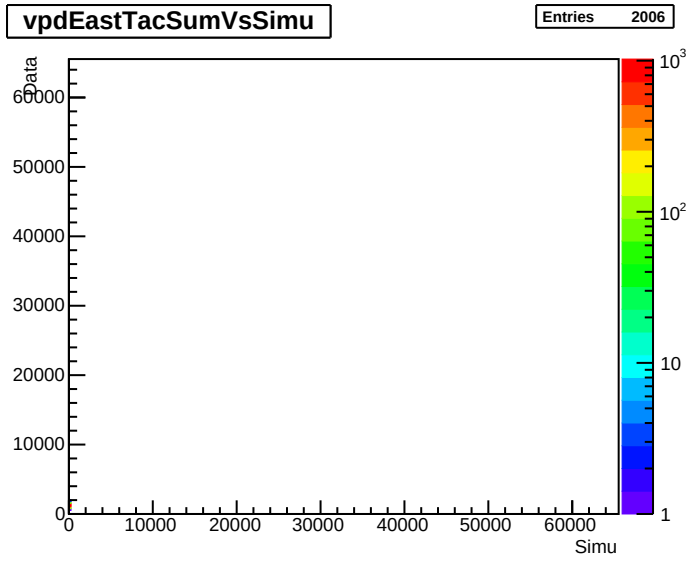

vpdEastAdcSum
Entries 2631

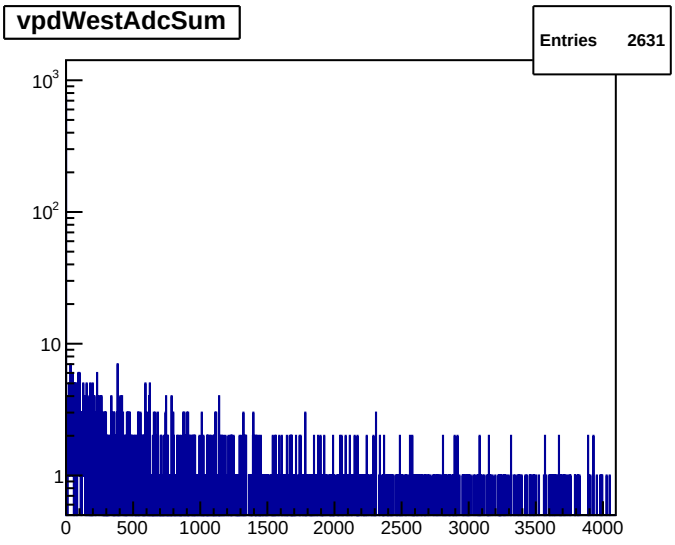

vpdEastAdcSumVsSimu
Entries 2006
Data
Simu

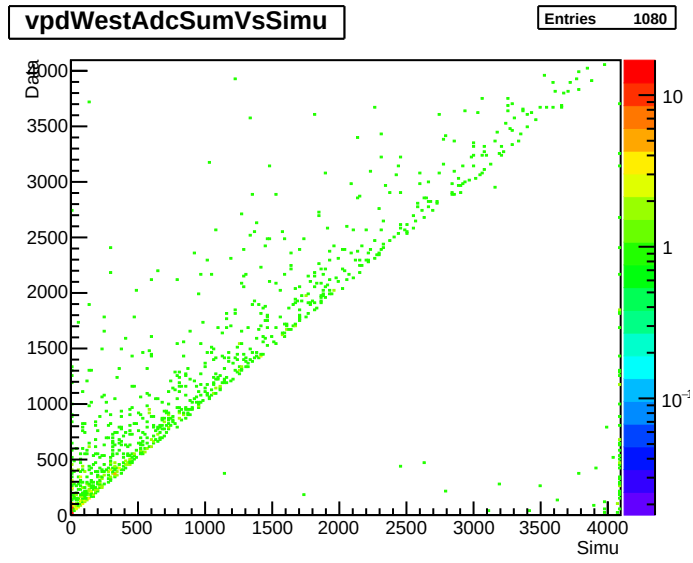

vpdEastNHits
Entries 2631

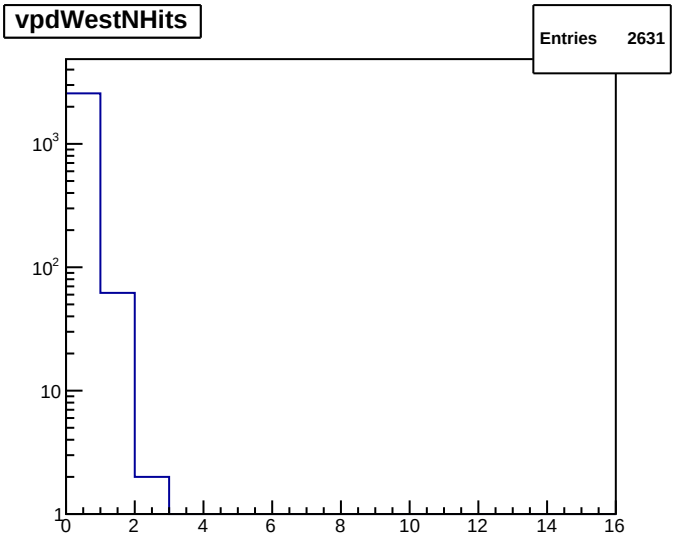

vpdEastNHitsVsSimu
Entries 104

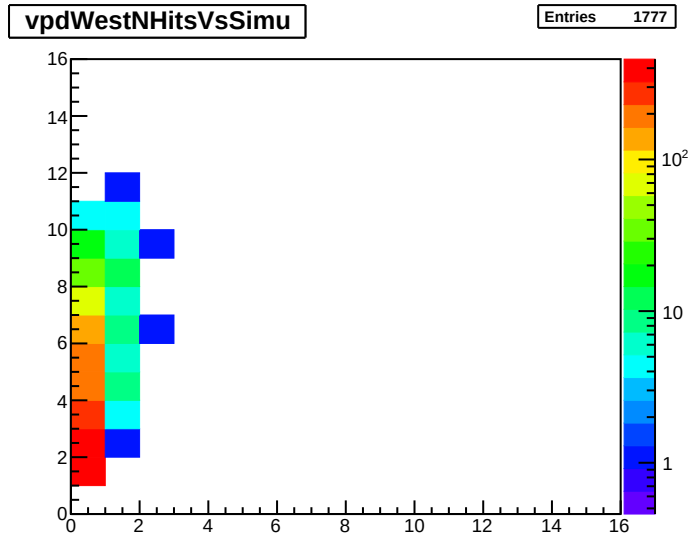

vpdEastTacSum
Entries 2631

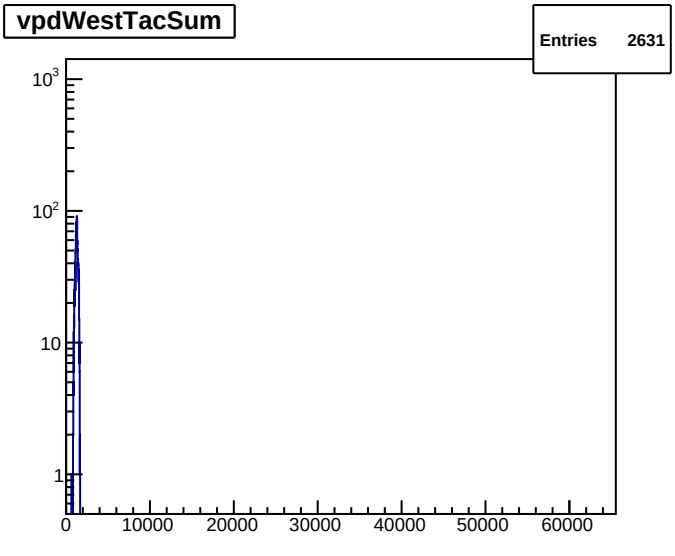

vpdEastTacSumVsSimu
Entries 2006
Data
Simu

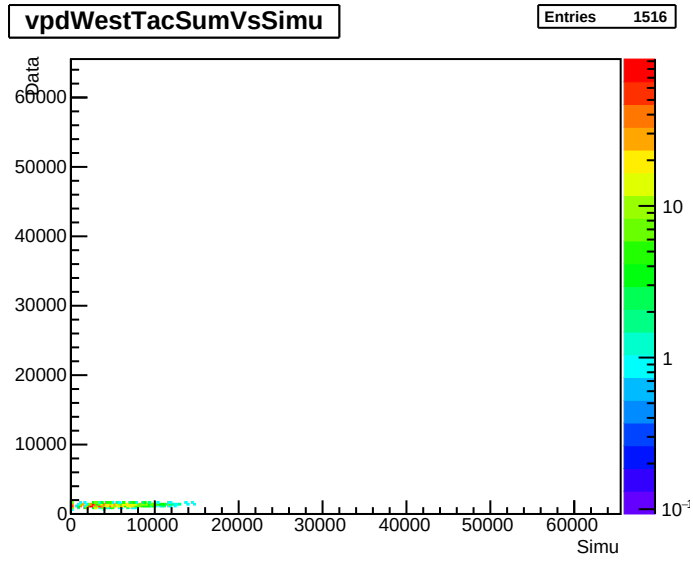

vpdWestAdcSum
Entries 2631

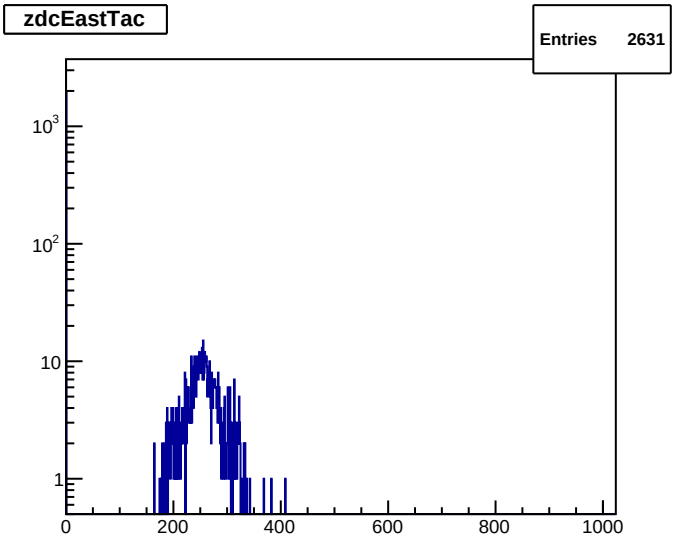

vpdWestAdcSumVsSimu
Entries 1080
Data
Simu

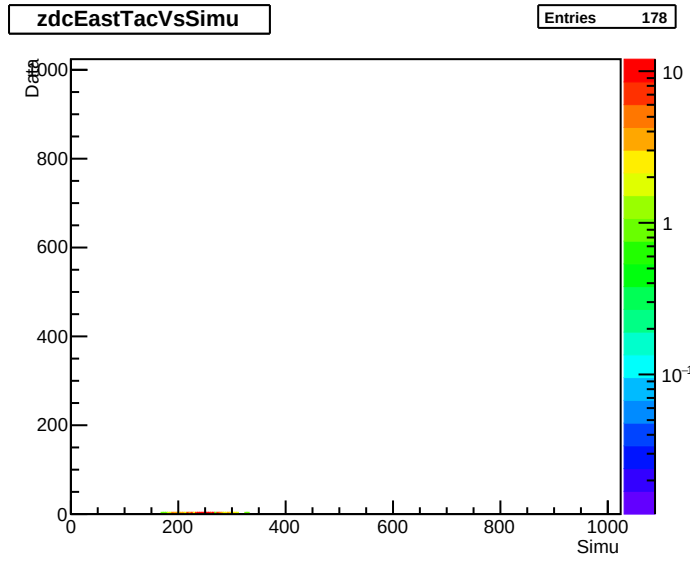

vpdWestNHits
Entries 2631

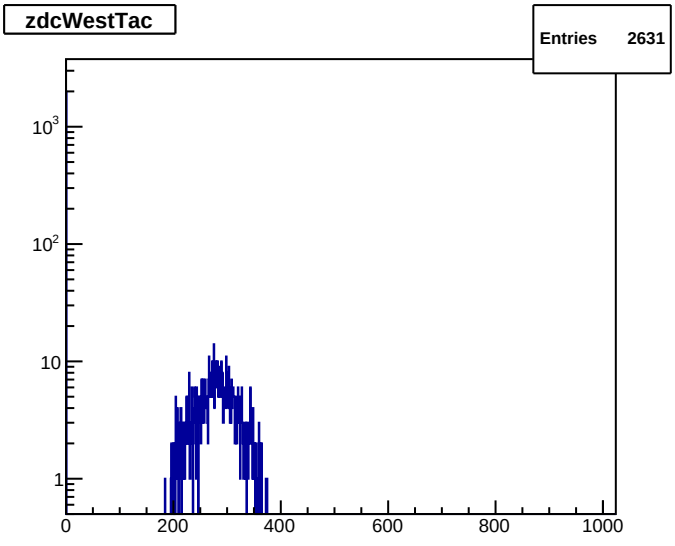

vpdWestNHitsVsSimu
Entries 1777

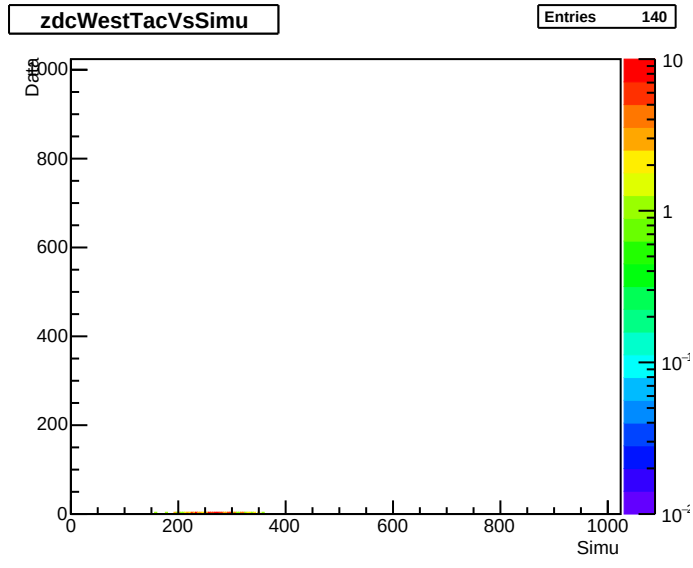

vpdWestTacSum
Entries 2631

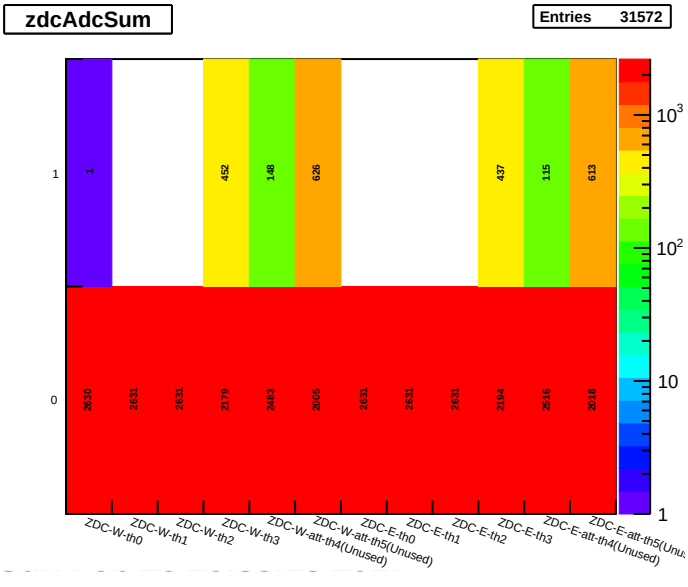

vpdWestTacSumVsSimu
Entries 1516
Data
Simu

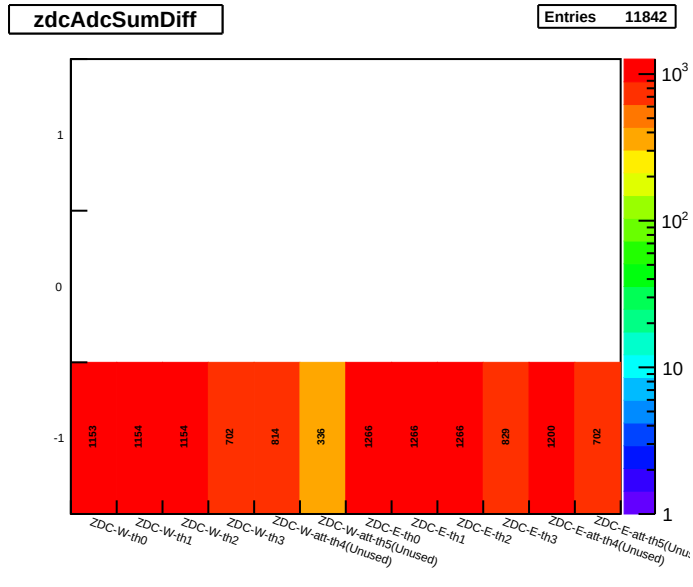

zdcEastTac
Entries 2631
10^3
10^2
10
1
0
200
400
600
800
1000

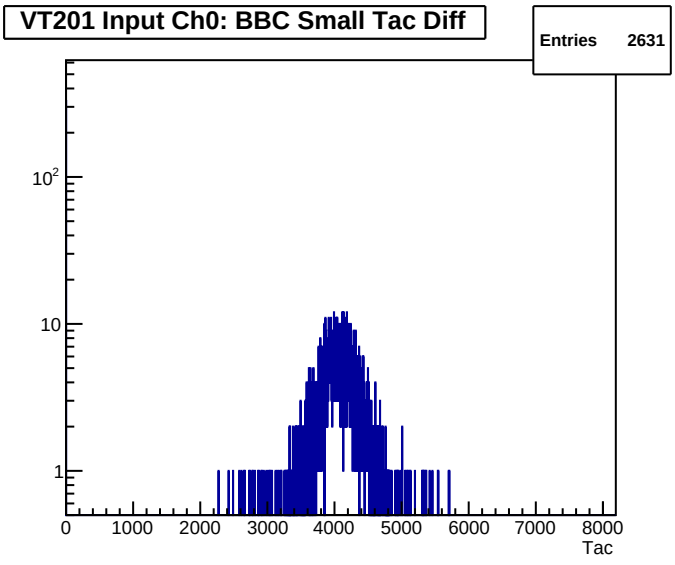

zdcEastTacVsSimu
Entries 178
Data
Simu
0
200
400
600
800
1000
10
1
10^{-1}

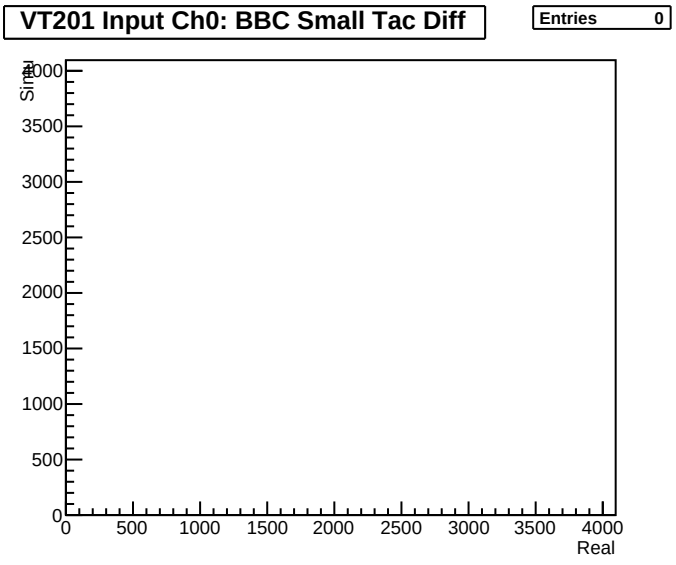

zdcWestTac
Entries 2631
10^3
10^2
10
1
0
200
400
600
800
1000

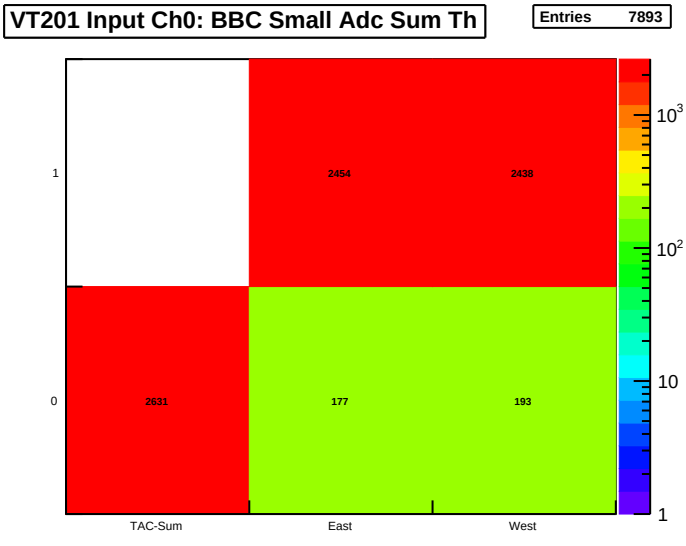

zdcWestTacVsSimu
Entries 140
Data
Simu
0
200
400
600
800
1000
10
1
10^{-1}
10^{-2}

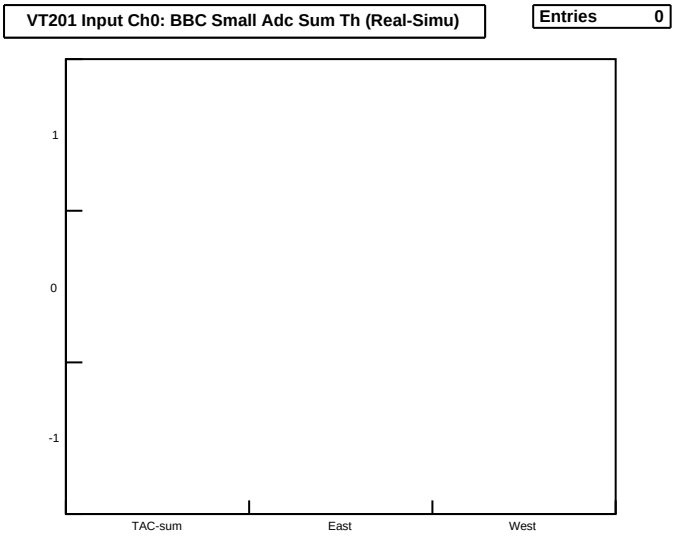

zdcAdcSum
Entries 31572
1
0
1
452
148
626
437
115
613
2630
2631
2631
2179
2483
2005
2631
2631
2631
2194
2516
2018
10^3
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

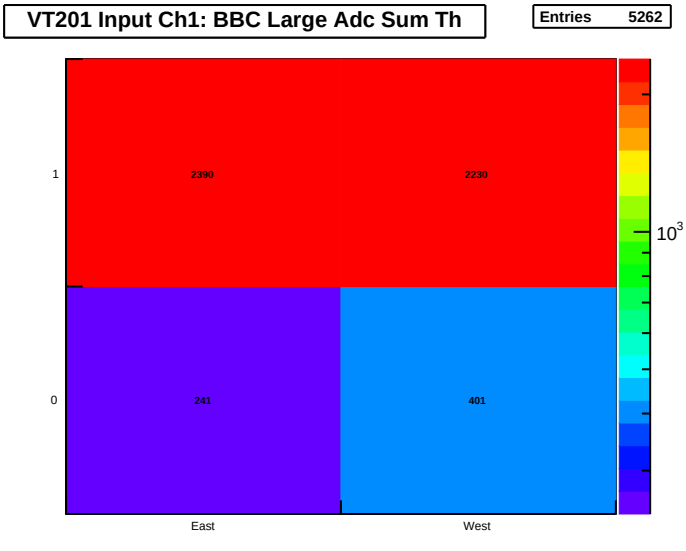

zdcAdcSumDiff
Entries 11842
1
0
-1
1153
1154
1154
702
814
336
1266
1266
1266
829
1200
702
10^3
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

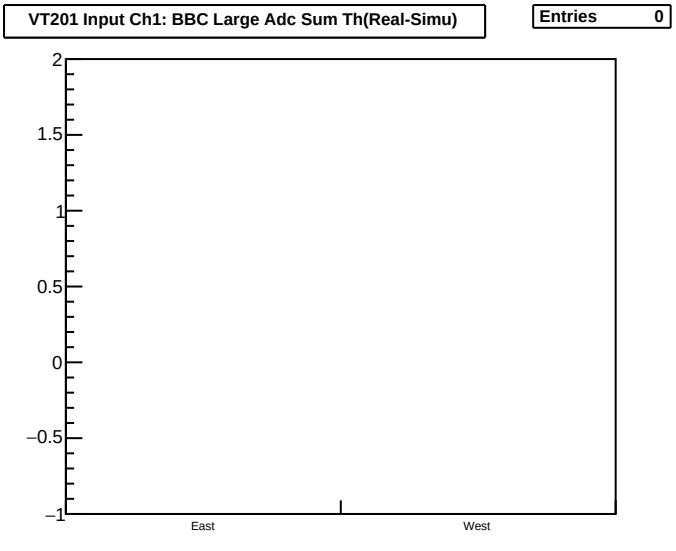

VT201 Input Ch0: BBC Small Tac Diff
Entries 2631
Tac


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

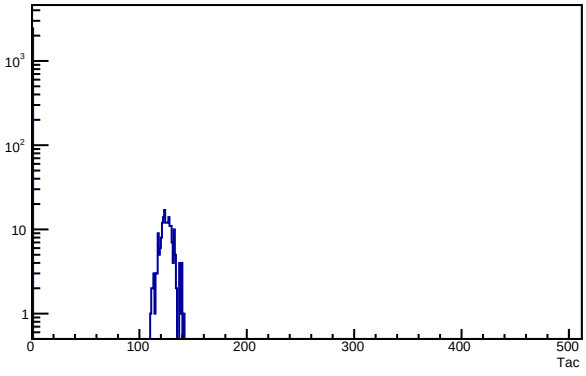

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 7893
2454
2438
2631
177
193
TAC-Sum
East
West


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

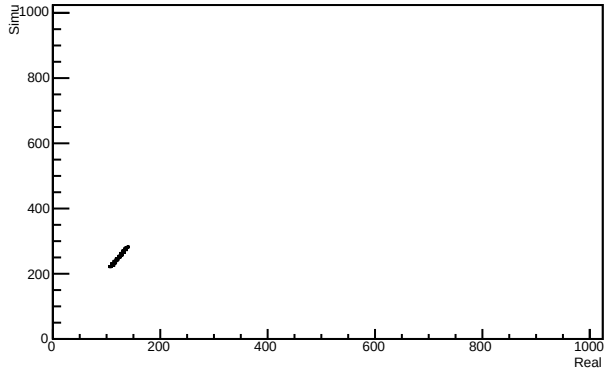

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 5262
2390
2230
241
401
East
West


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

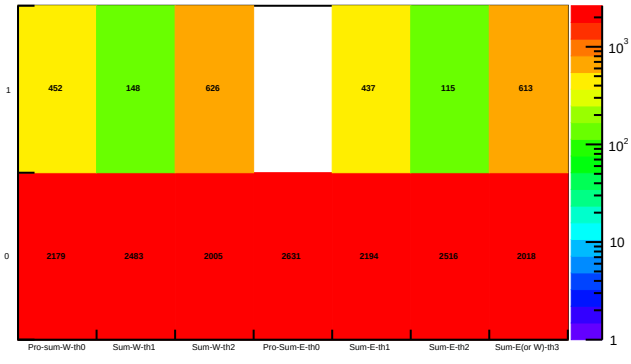
VT201 Input Ch2: ZDC Tac Diff



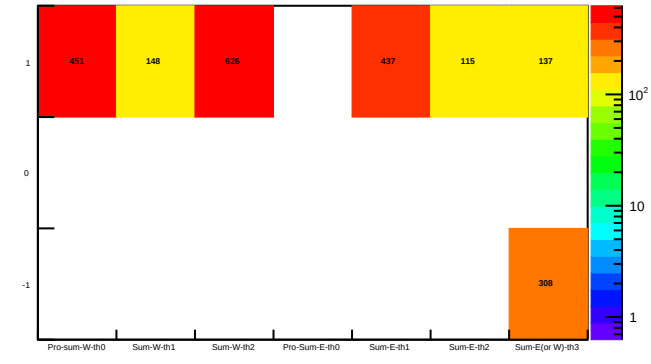
VT201 Input Ch2: ZDC Tac Diff



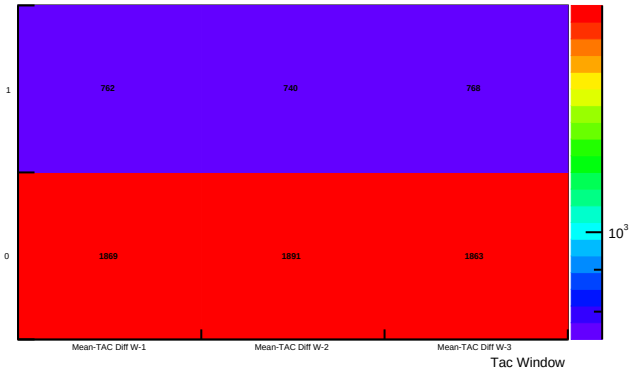
VT201 Input Ch2: ZDC Adc Sum Th



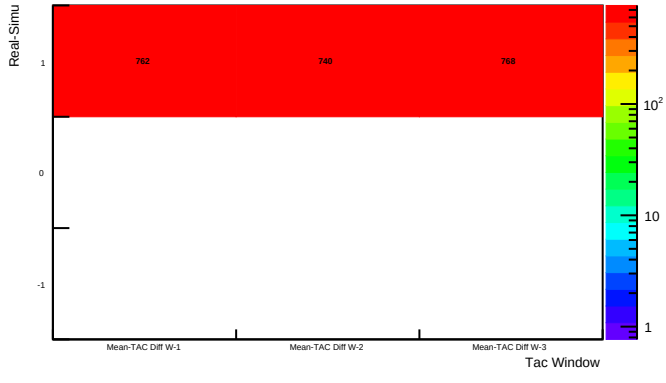
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



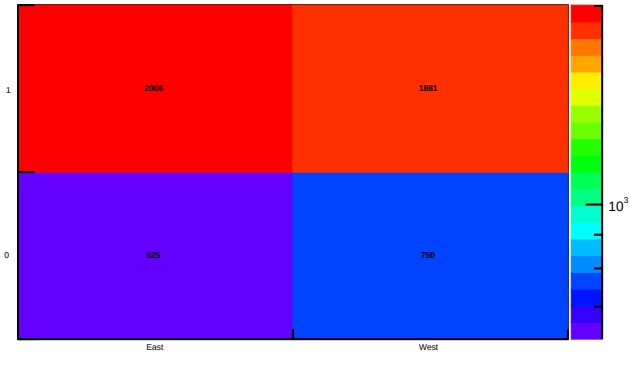
VT201 Input Ch4: VPD Tac Diff



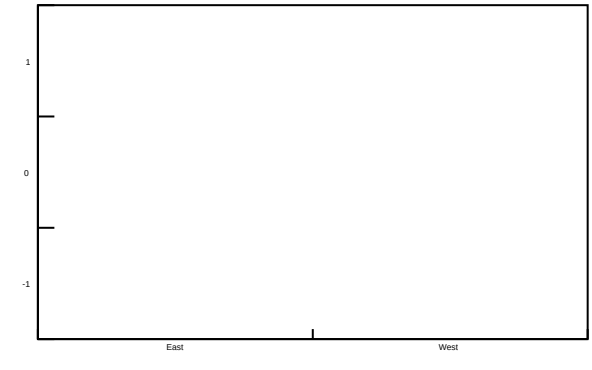
VT201 Input Ch4: VPD Tac Diff

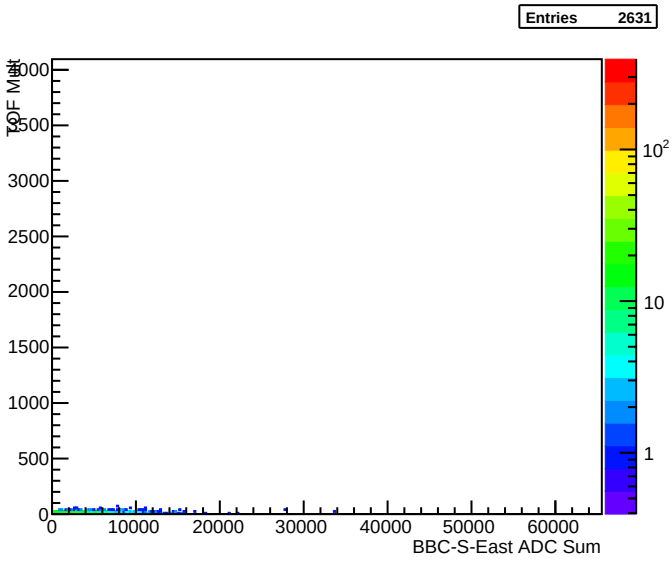


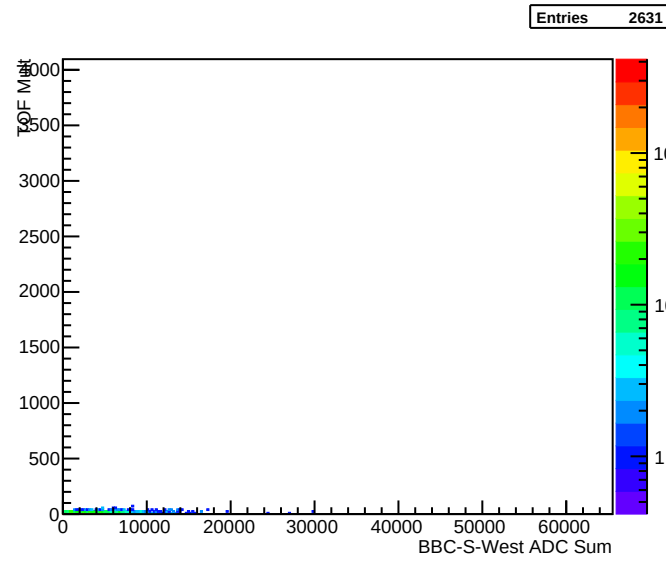
VT201 Input Ch4: VPD Adc Sum Th

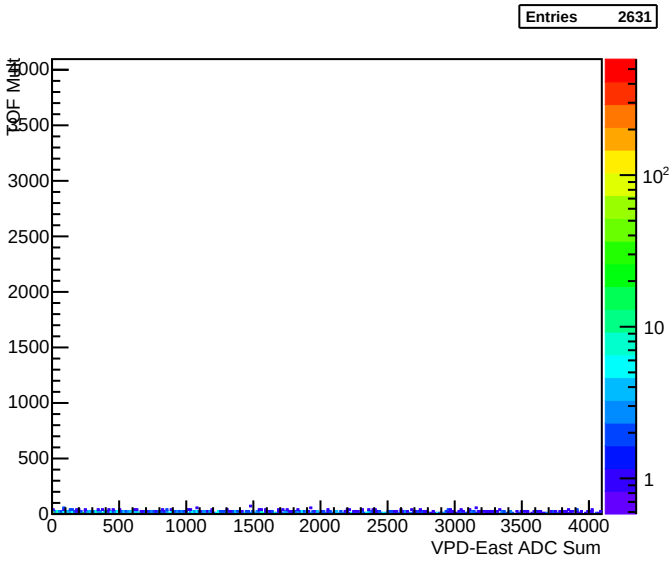


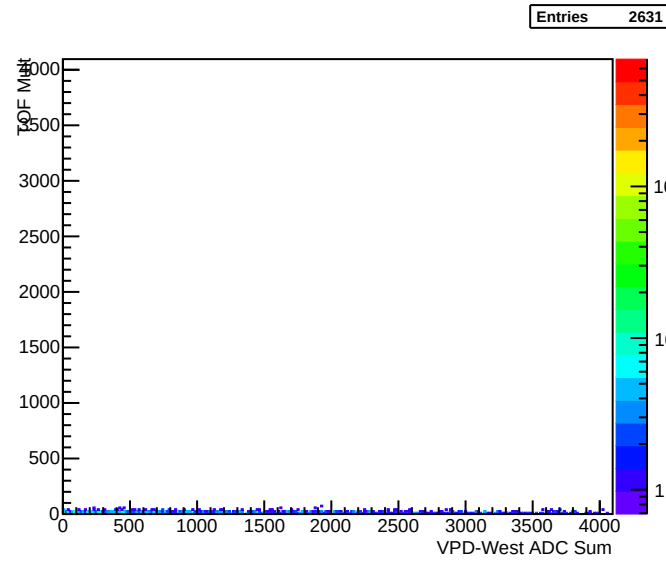
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

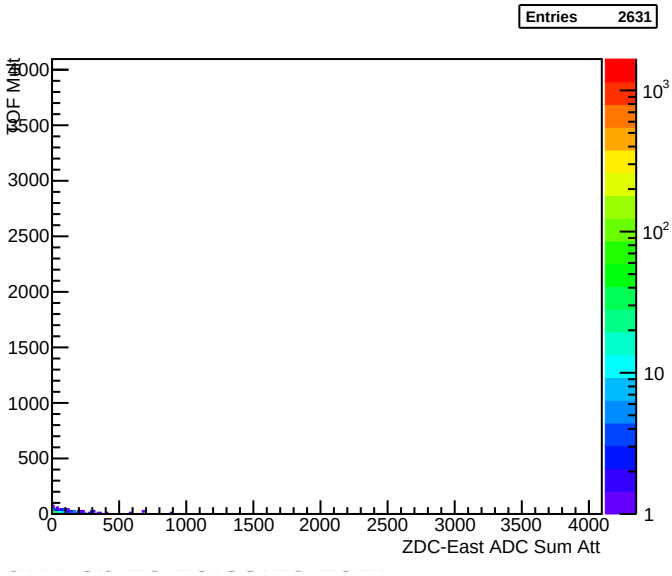


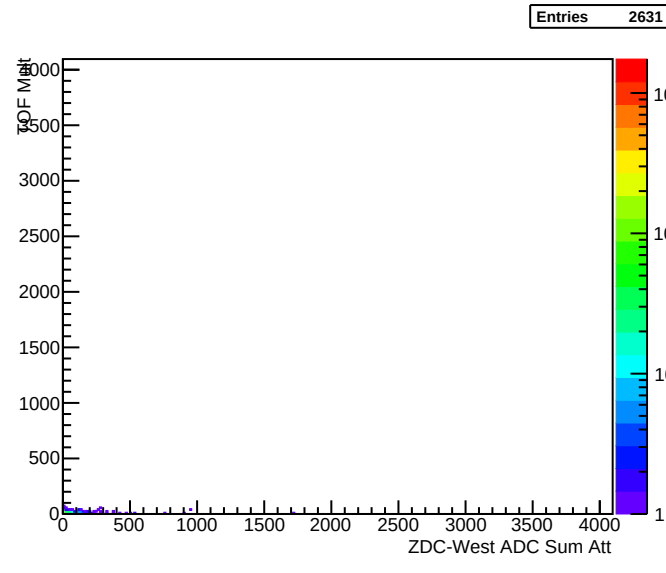

Entries 2631
TOF Mult
BBC-S-East ADC Sum

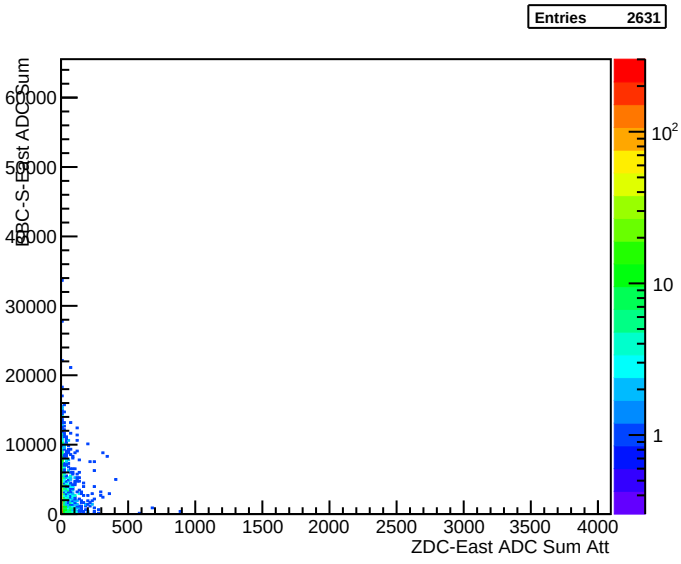

Entries 2631
TOF Mult
BBC-S-West ADC Sum

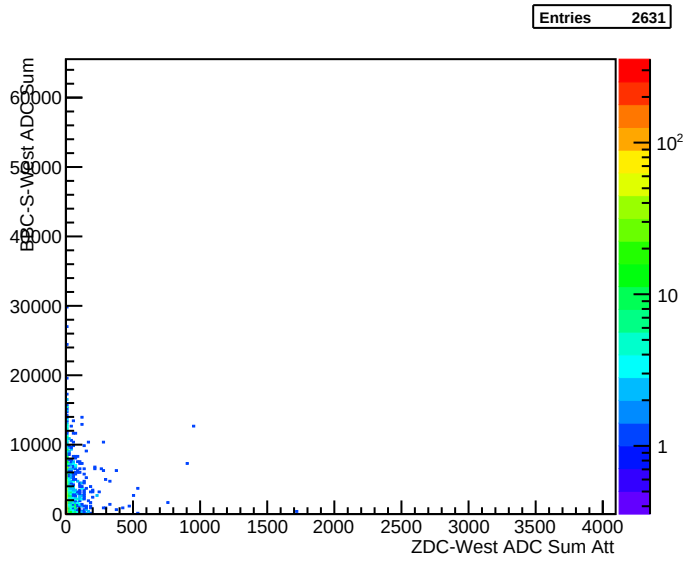

Entries 2631
TOF Mult
VPD-East ADC Sum

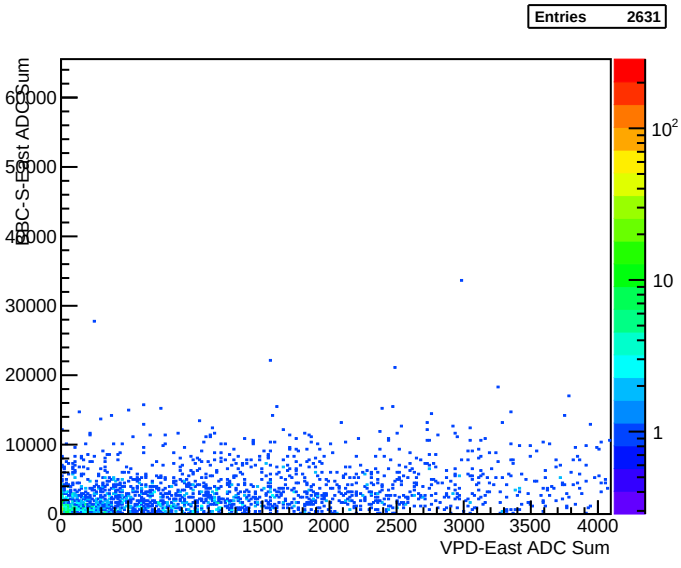

Entries 2631
TOF Mult
VPD-West ADC Sum

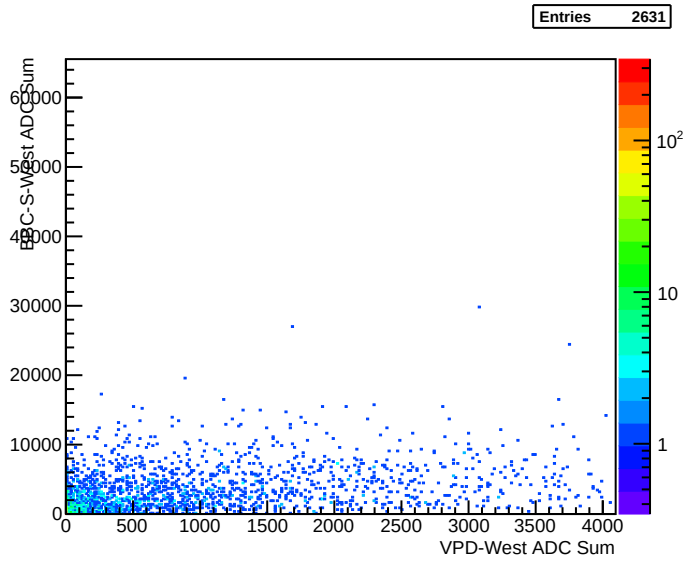

Entries 2631
TOF Mult
ZDC-East ADC Sum Att

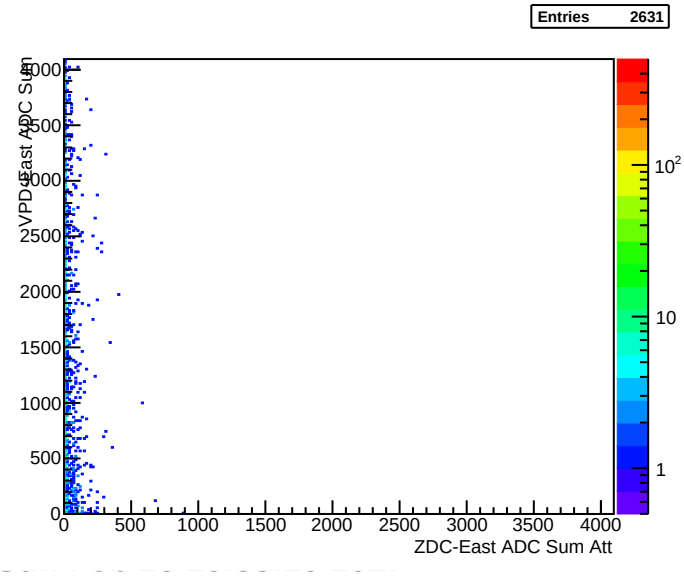

Entries 2631
TOF Mult
ZDC-West ADC Sum Att

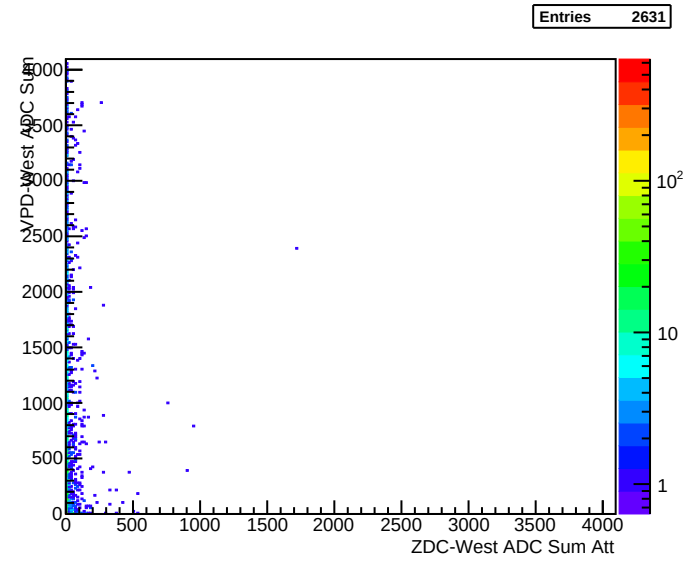

Entries 2631
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

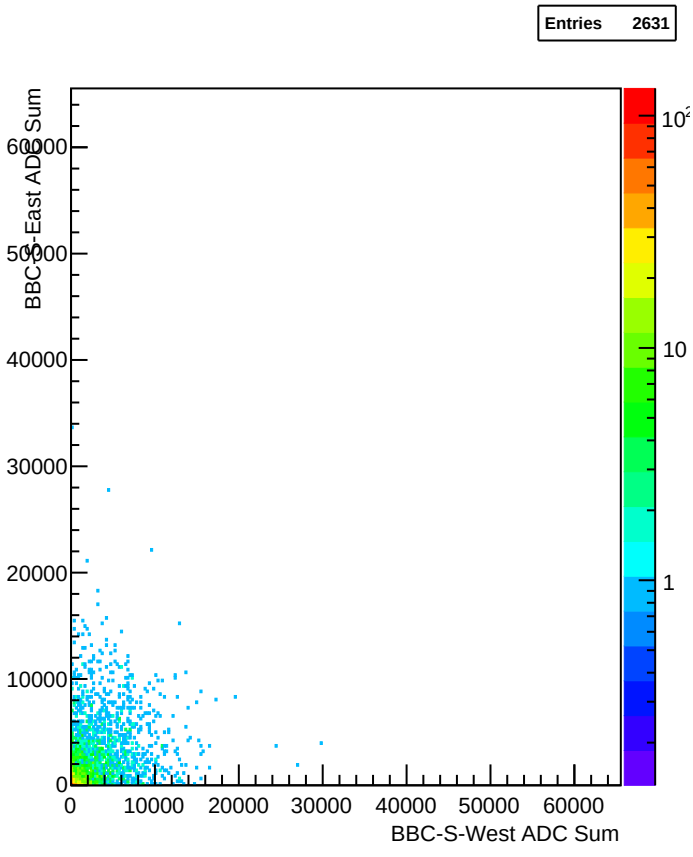

Entries 2631
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

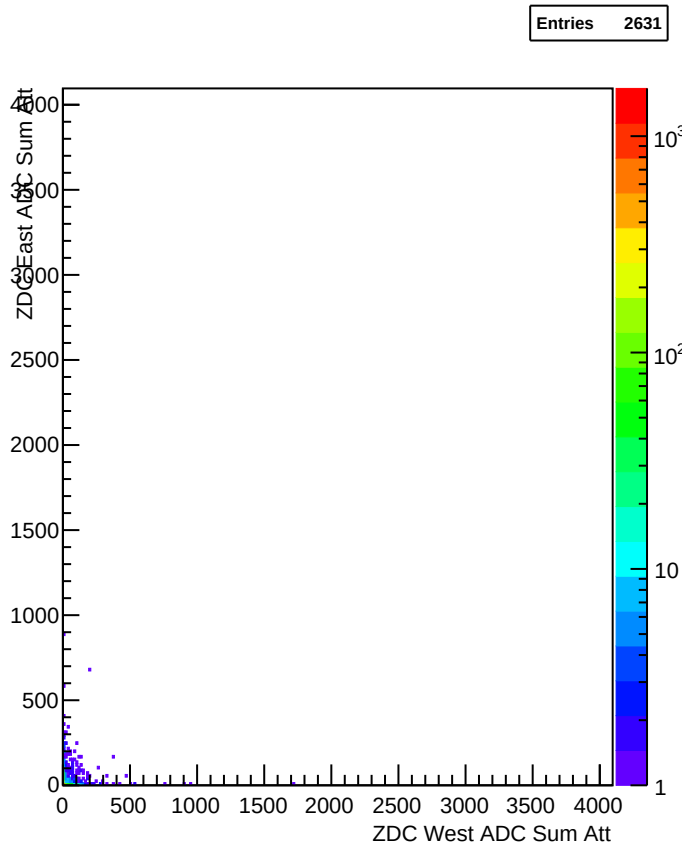

Entries 2631
BBC-S-East ADC Sum
VPD-East ADC Sum

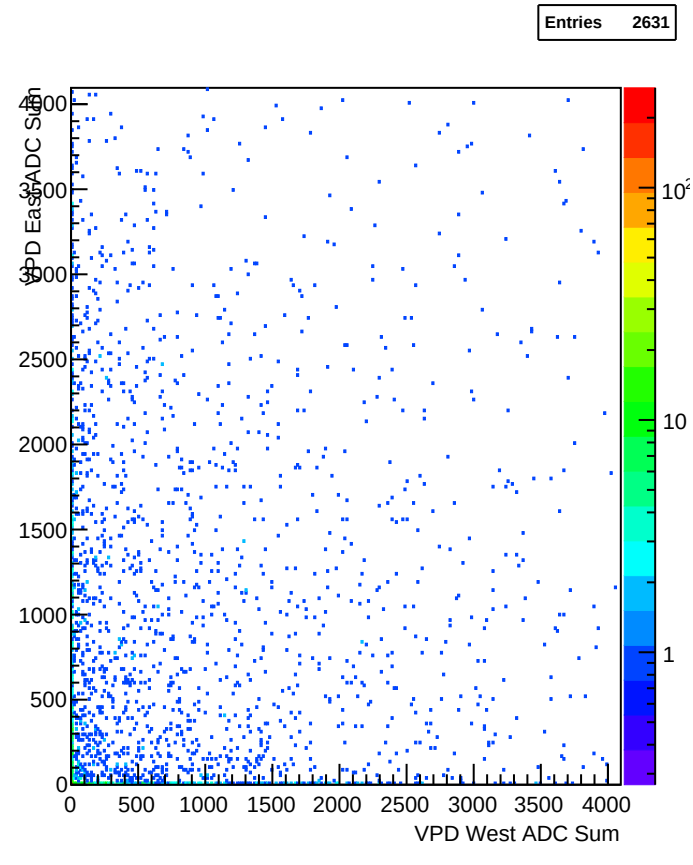

Entries 2631
BBC-S-West ADC Sum
VPD-West ADC Sum

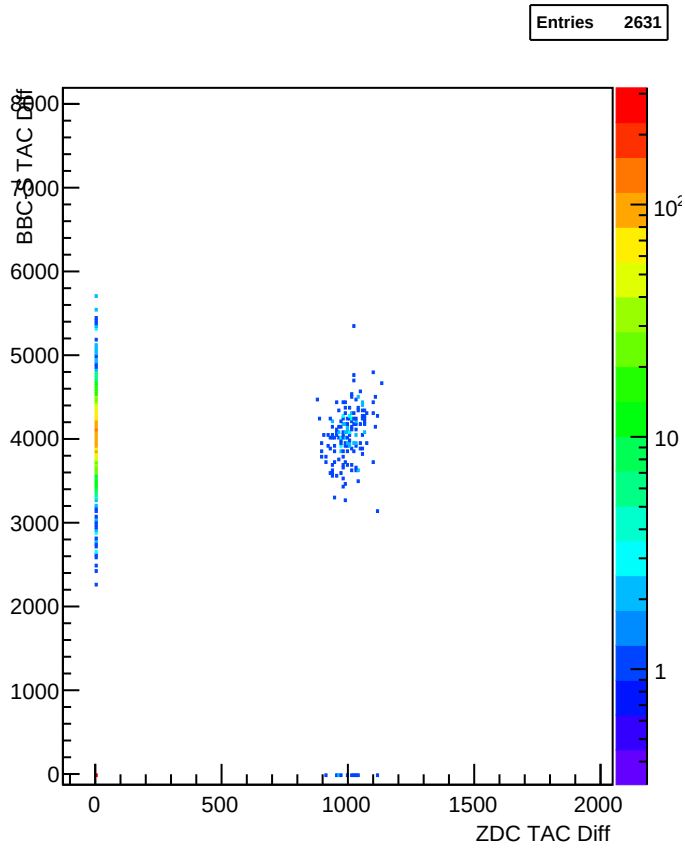

Entries 2631
VPD-East ADC Sum
ZDC-East ADC Sum Att

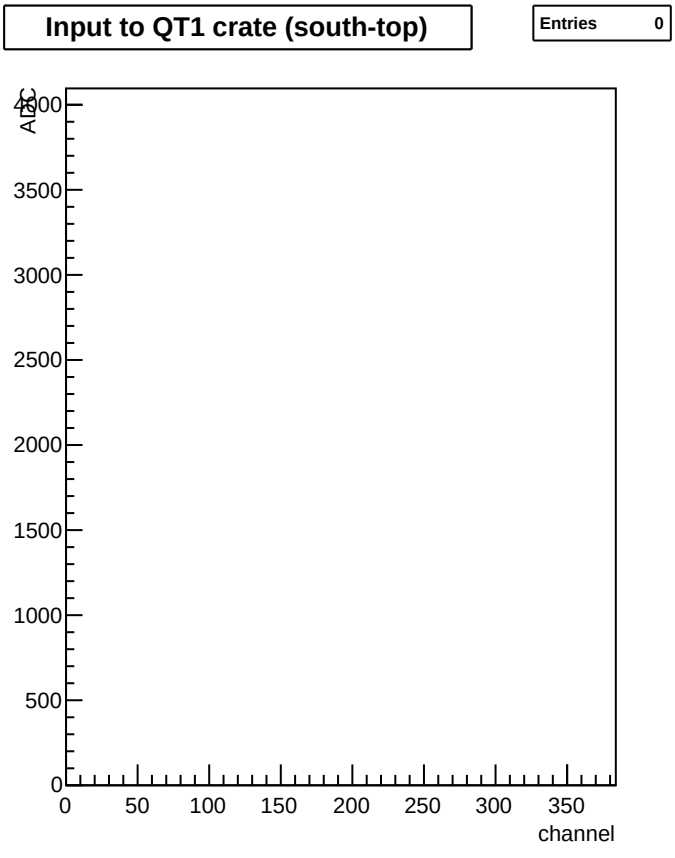

Entries 2631
VPD-West ADC Sum
ZDC-West ADC Sum Att

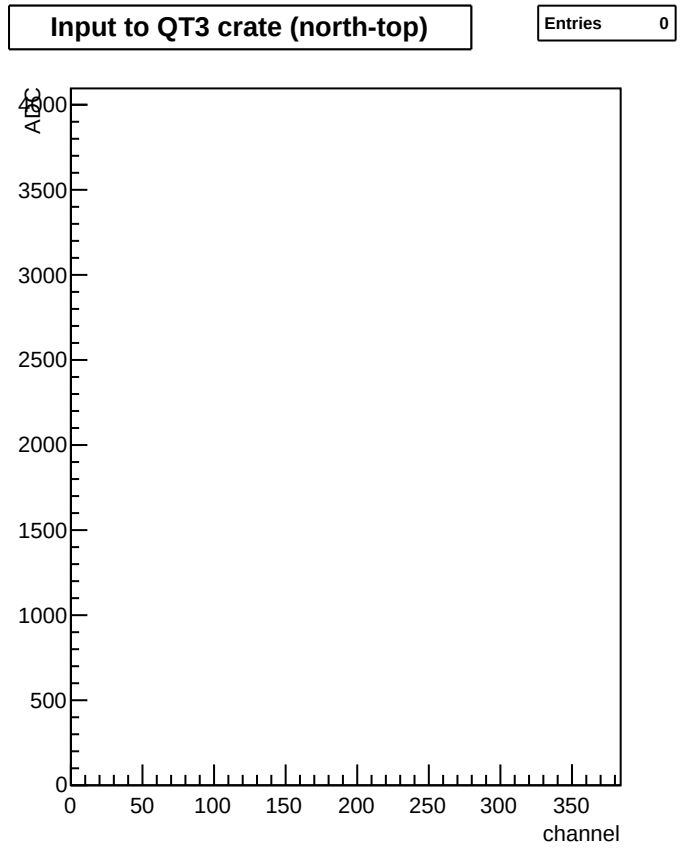

Entries 2631
BBC-S-East ADC Sum
BBC-S-West ADC Sum
0
10000
20000
30000
40000
50000
60000
1
10
10²

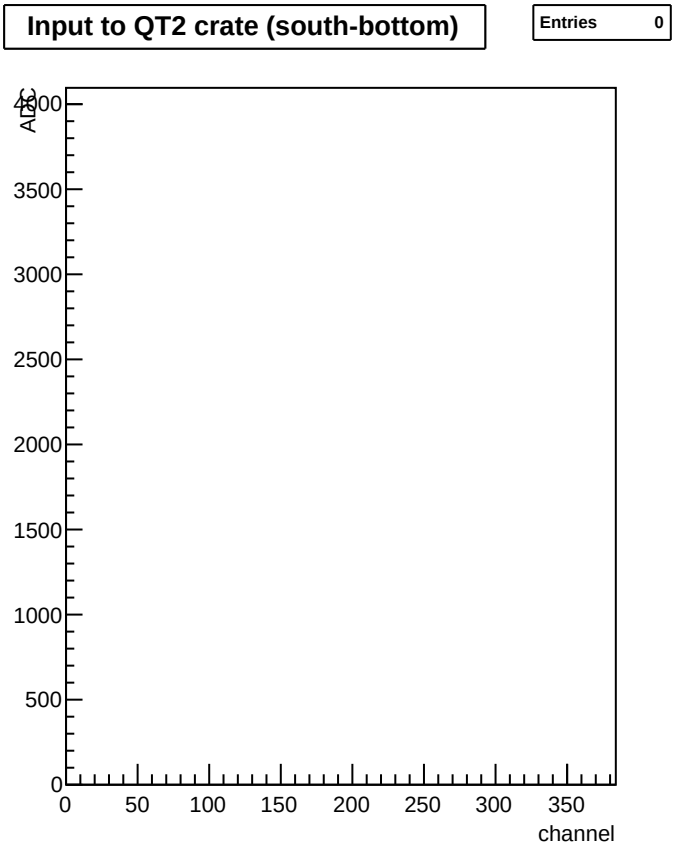

Entries 2631
ZDC East ADC Sum Att
ZDC West ADC Sum Att
0
500
1000
1500
2000
2500
3000
3500
4000
1
10
10²
10³

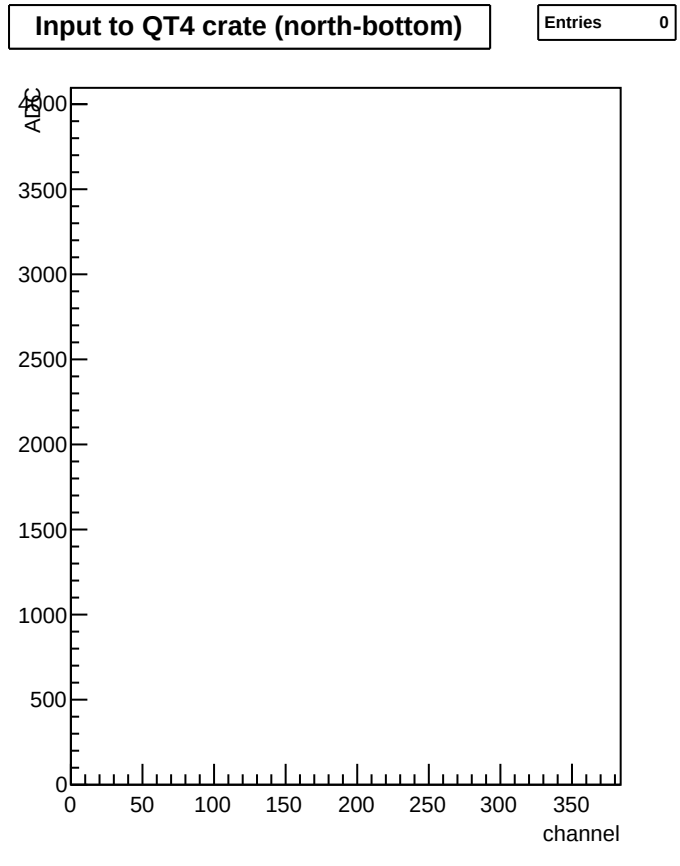

Entries 2631
VPD East ADC Sum
VPD West ADC Sum
0
500
1000
1500
2000
2500
3000
3500
4000
1
10
10²

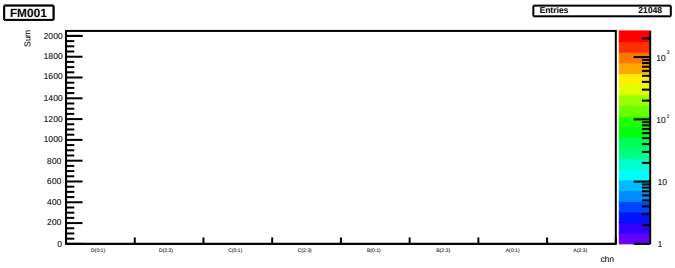

Entries 2631
BBC-S TAC Diff
ZDC TAC Diff
0
1000
2000
3000
4000
5000
6000
7000
8000
500
1500
1
10
10²

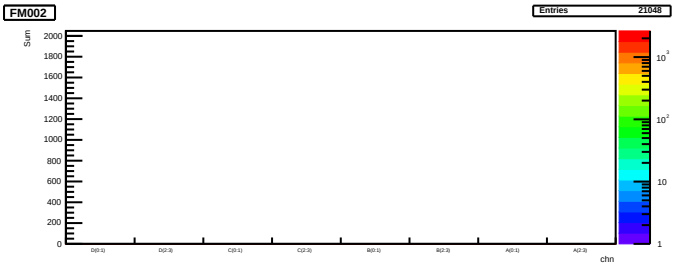

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

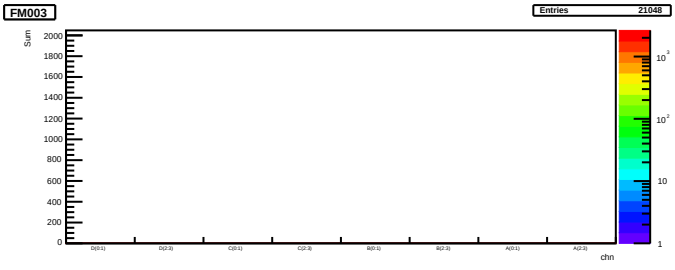

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

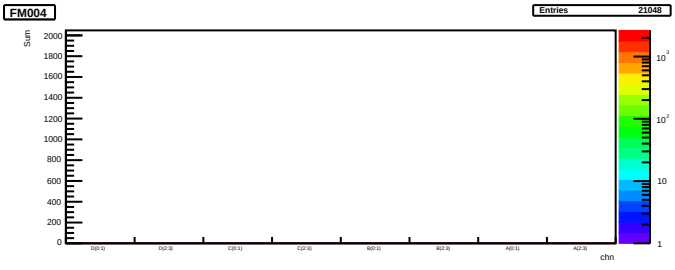

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

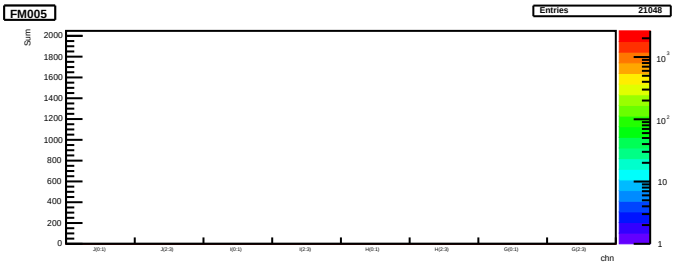

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

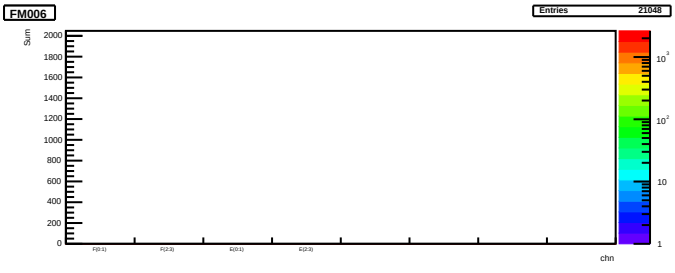

FM001
Entries 21048
Sum
chn

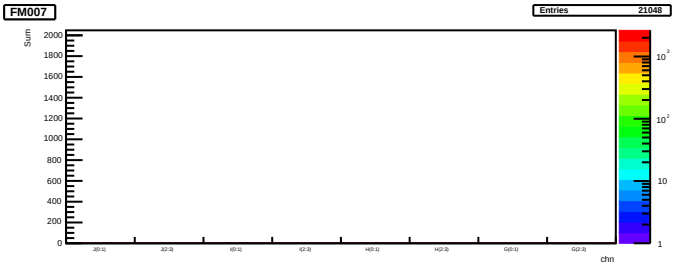

FM002
Entries 21048
Sum
chn

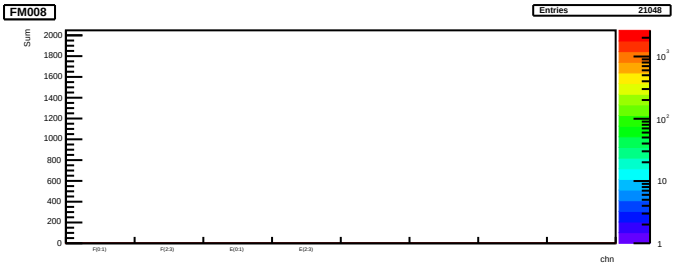

FM003
Entries 21048
Sum
chn

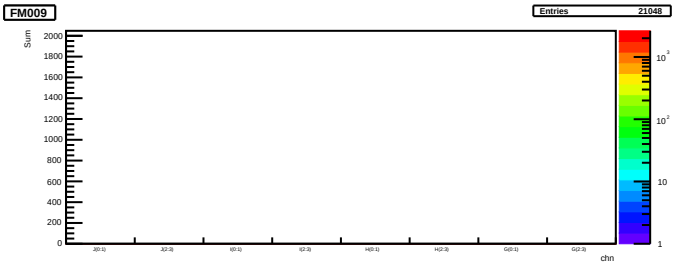

FM004
Entries 21048
Sum
chn

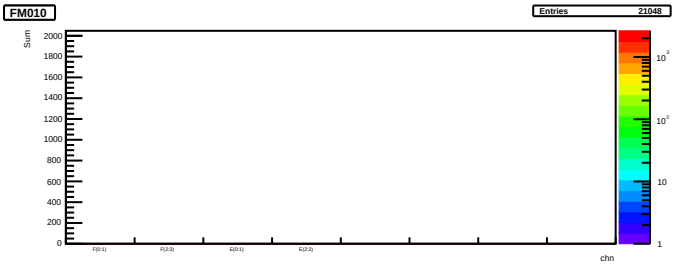

FM005
Entries 21048
Sum
chn

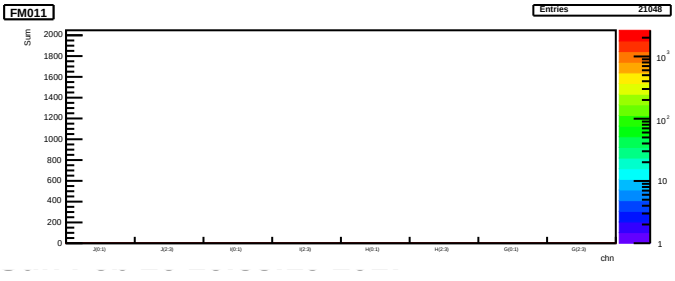

FM006
Entries 21048
Sum
chn

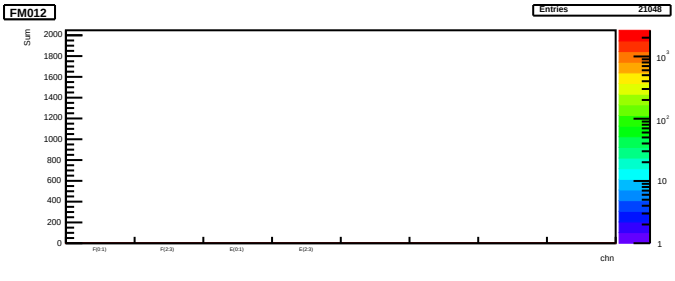

FM007
Entries 21048
Sum
chn

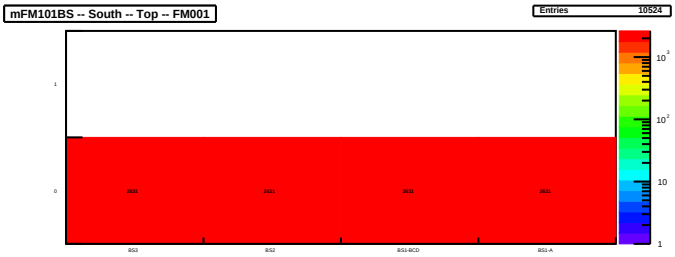

FM008
Entries 21048
Sum
chn

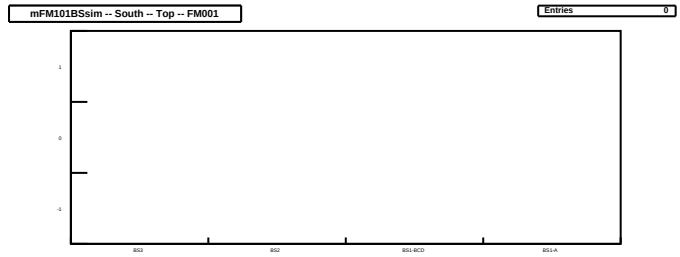

FM009
Entries 21048
Sum
chn

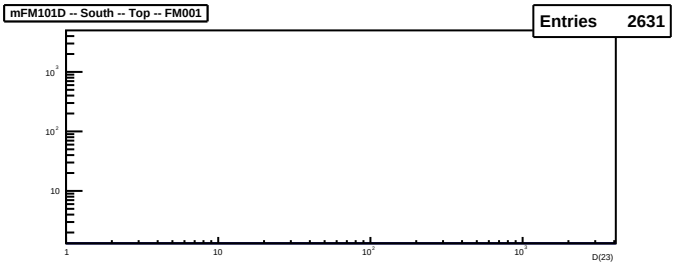

FM010
Entries 21048
Sum
chn

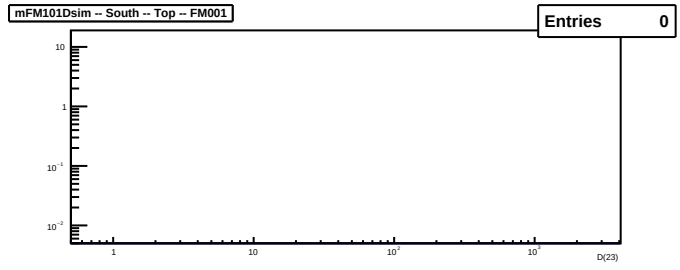

FM011
Entries 21048
Sum
chn

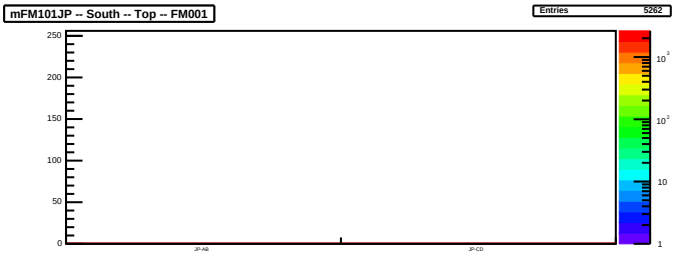

FM012
Entries 21048
Sum
chn

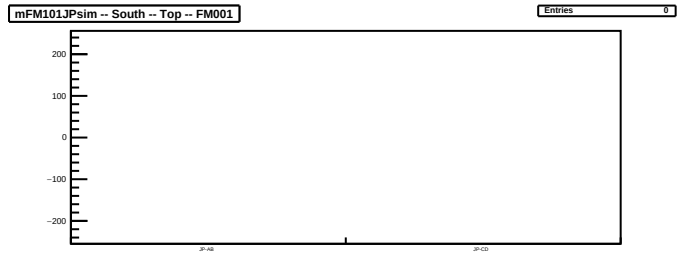

mFM101BS -- South -- Top -- FM001
Entries 10524
2631
2631
2631
2631
BS3
BS2
BS1-BCD
BS1-A

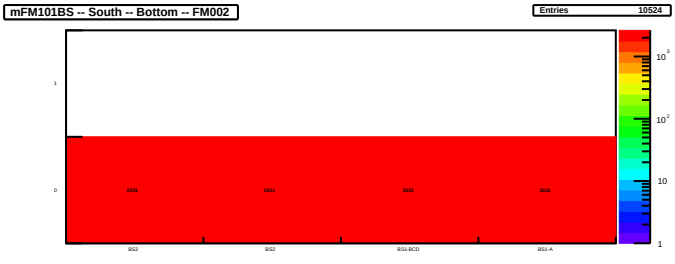

mFM101BSsim -- South -- Top -- FM001
Entries 0
BS3
BS2
BS1-BCD
BS1-A

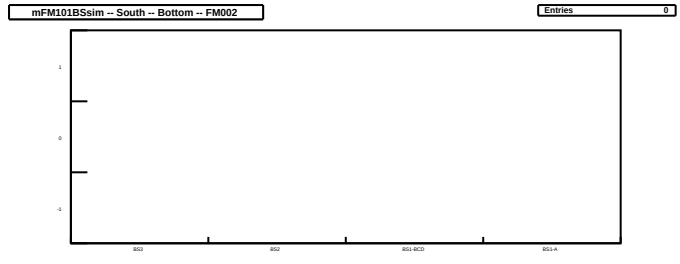

mFM101D -- South -- Top -- FM001
Entries 2631
D(23)

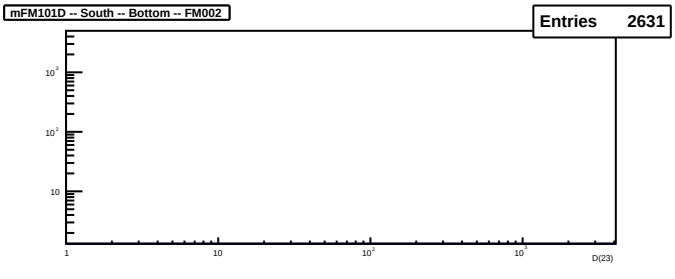

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

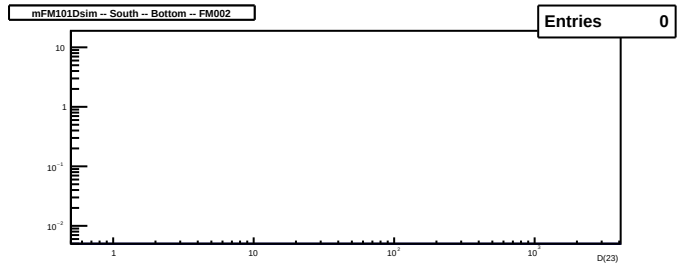

mFM101JP -- South -- Top -- FM001
Entries 5262
JP-AB
JP-CD


mFM101JPsim -- South -- Top -- FM001
Entries 0
JP-AB
JP-CD

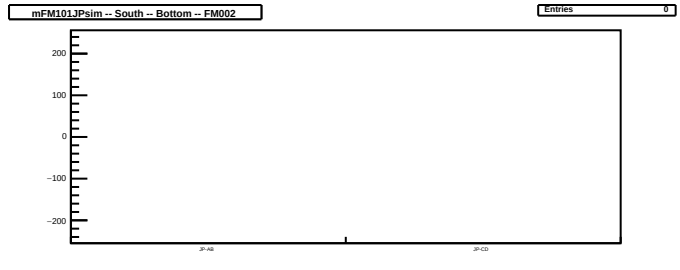

mFM101BS -- South -- Bottom -- FM002
Entries 10524
2631
2631
2631
2631
BS3
BS2
BS1-BCD
BS1-A

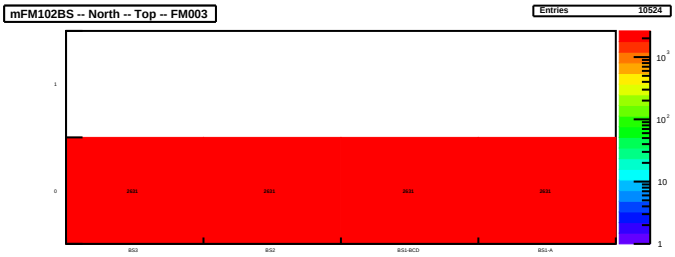

mFM101BSsim -- South -- Bottom -- FM002
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 2631
D(23)

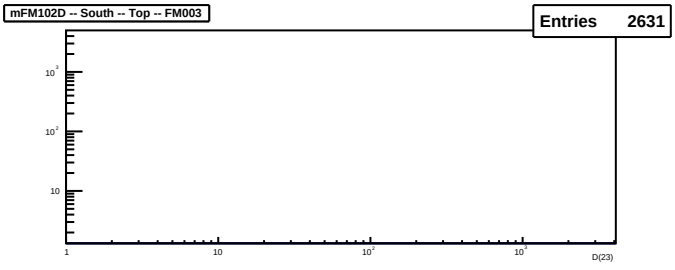

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

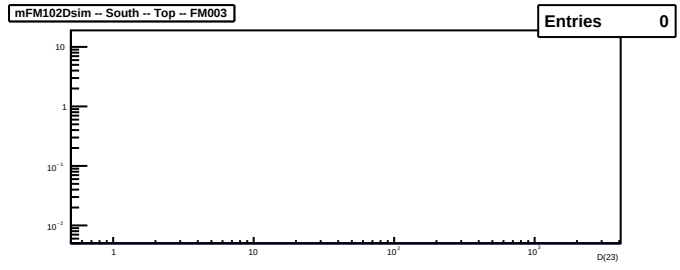
mFM101JP -- South -- Bottom -- FM002
Entries 5262
JP-AB
JP-CD

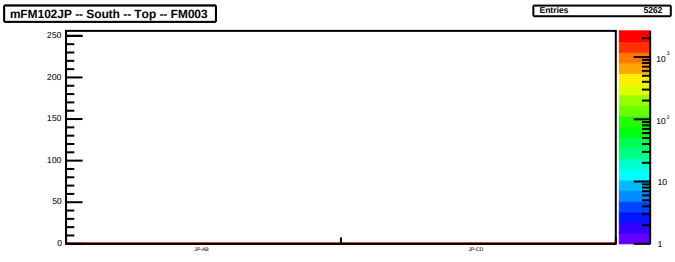

mFM101JPsim -- South -- Bottom -- FM002
Entries 0
JP-AB
JP-CD

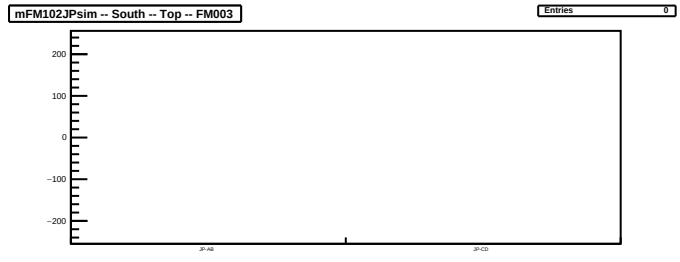

mFM102BS -- North -- Top -- FM003
Entries 10524
2631
2631
2631
2631
BS3
BS2
BS1-BCD
BS1-A

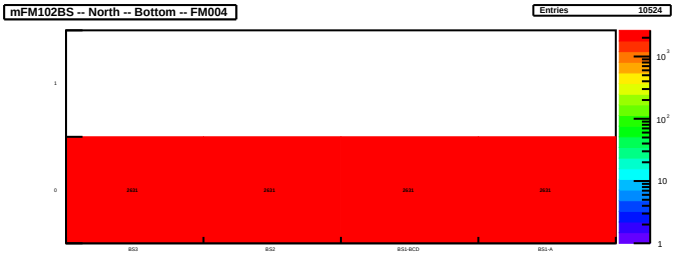
mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A

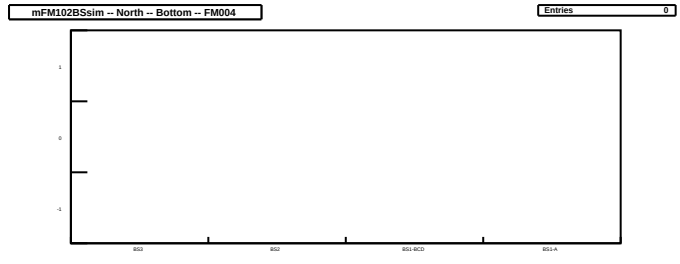

mFM102D -- South -- Top -- FM003
Entries 2631
D(23)

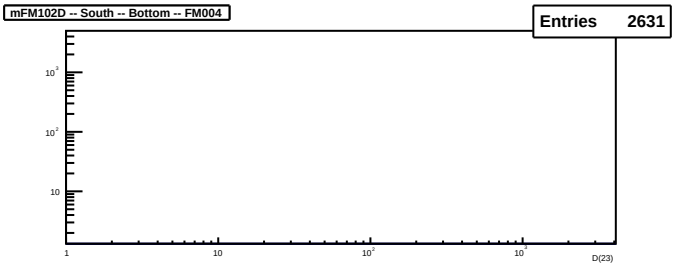

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

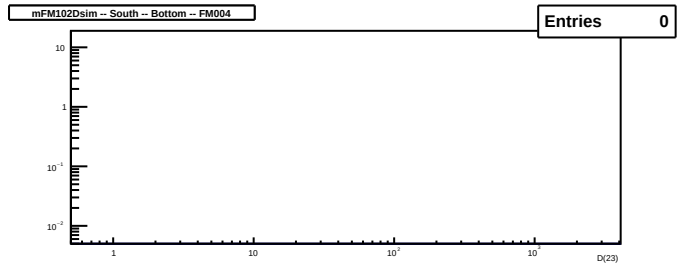

mFM102JP -- South -- Top -- FM003
Entries 5262
JP-AB
JP-CD

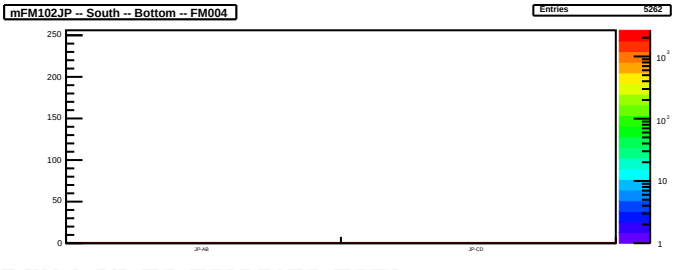

mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD

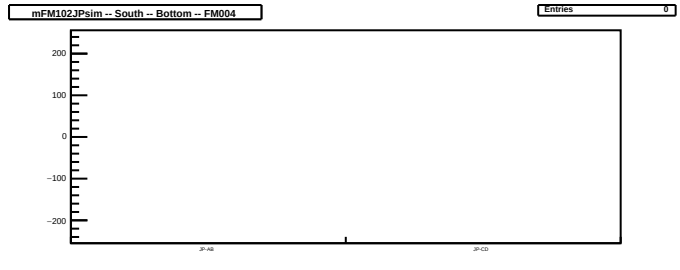

mFM102BS -- North -- Bottom -- FM004
Entries 10524
2631
2631
2631
2631
BS3
BS2
BS1-BCD
BS1-A

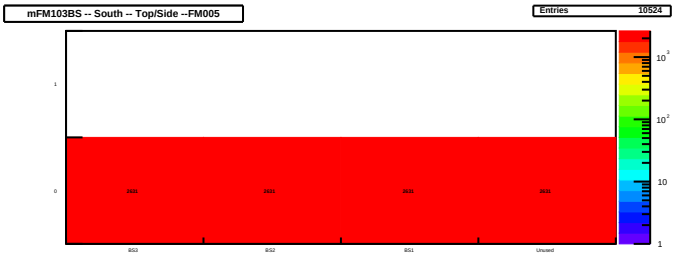

mFM102BSsim -- North -- Bottom -- FM004
Entries 0
BS3
BS2
BS1-BCD
BS1-A

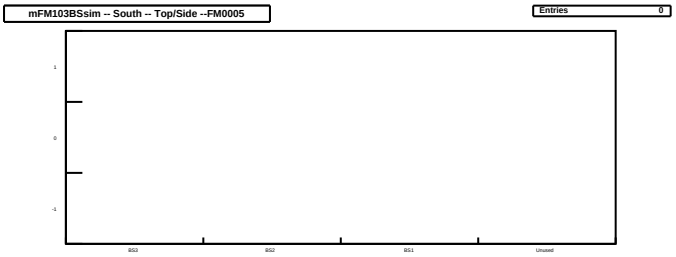

mFM102D -- South -- Bottom -- FM004
Entries 2631
D(23)

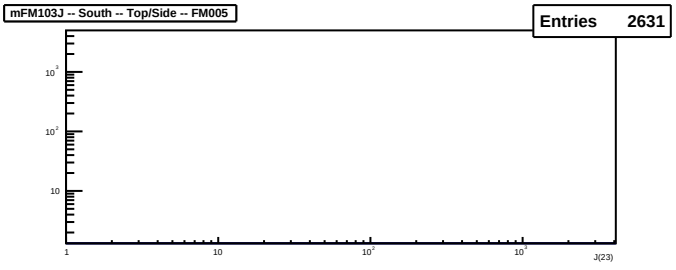

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

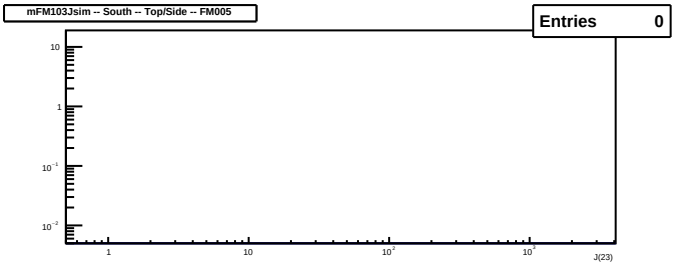

mFM102JP -- South -- Bottom -- FM004
Entries 5262
JP-AB
JP-CD

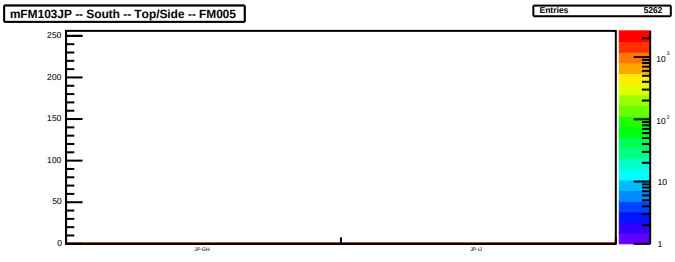

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

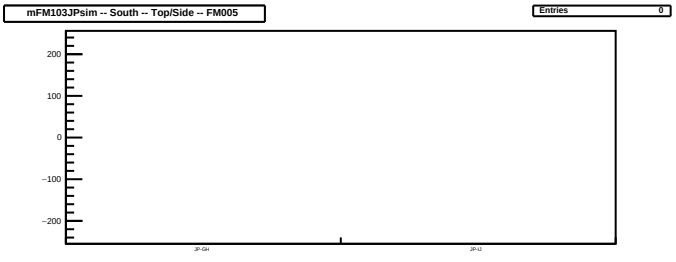

mFM103BS -- South -- Top/Side --FM005
Entries 10524
2631
2631
2631
2631
BS3
BS2
BS1
Unused

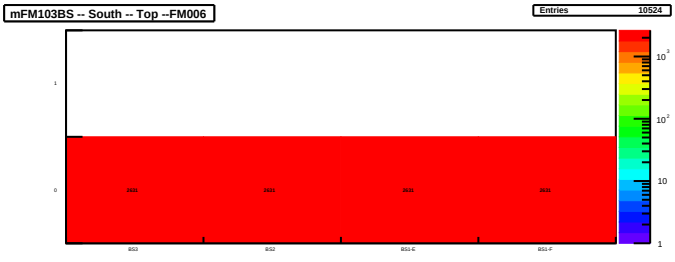

mFM103BSsim -- South -- Top/Side --FM0005
Entries 0
BS3
BS2
BS1
Unused

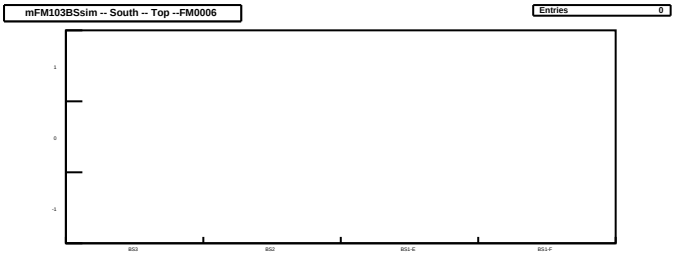

mFM103J -- South -- Top/Side -- FM005
Entries 2631
J(23)

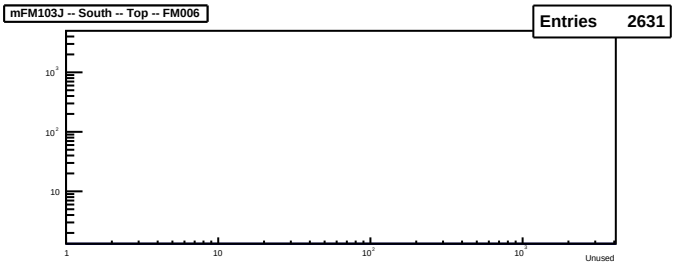

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

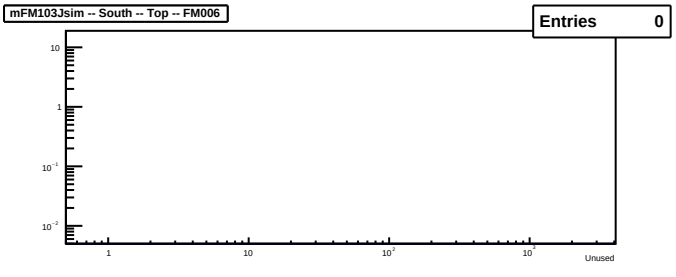

mFM103JP -- South -- Top/Side -- FM005
Entries 5262
JP-GH
JP-U

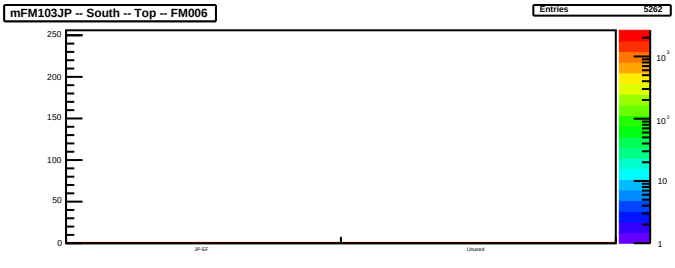

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-U

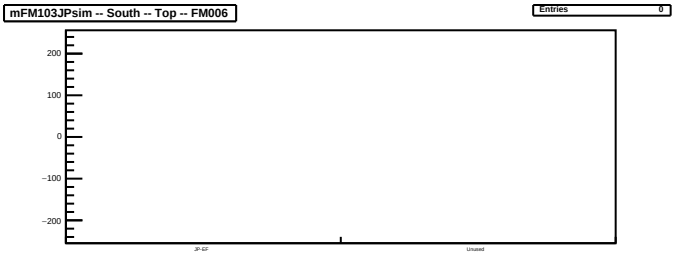

mFM103BS -- South -- Top --FM006
Entries 10524
2631
2631
2631
2631
BS3
BS2
BS1-E
BS1-F

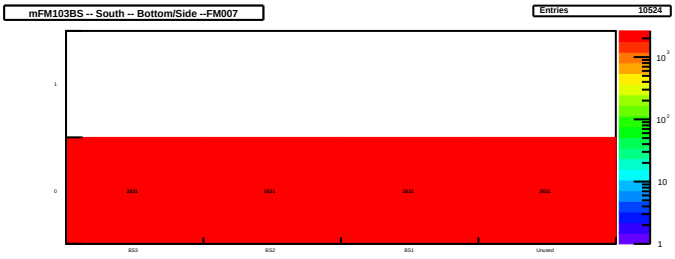

mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F

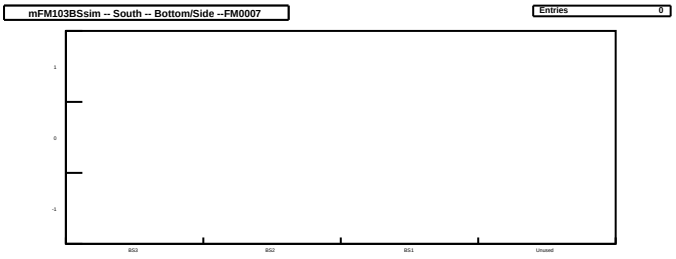

mFM103J -- South -- Top -- FM006
Entries 2631
Unused

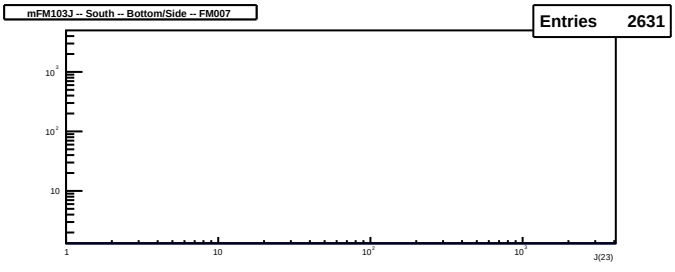

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

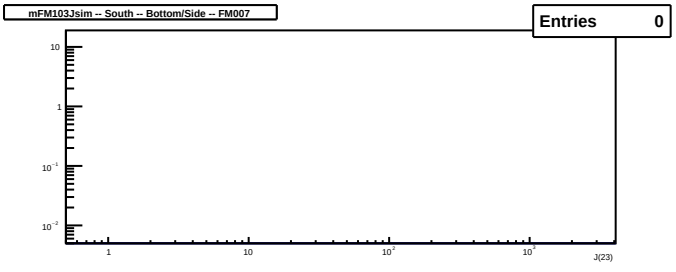

mFM103JP -- South -- Top -- FM006
Entries 5262
JP-EF
Unused


mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

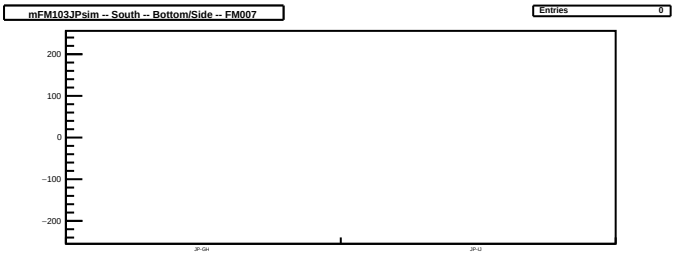

mFM103BS -- South -- Bottom/Side --FM007
Entries 10524
2631
2631
2631
2631
BS3
BS2
BS1
Unused

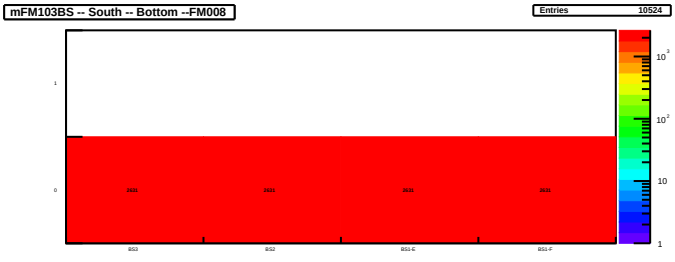

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 0
BS3
BS2
BS1
Unused

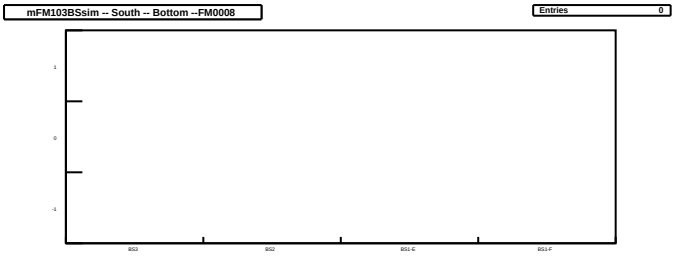

mFM103J -- South -- Bottom/Side -- FM007
Entries 2631
J(23)

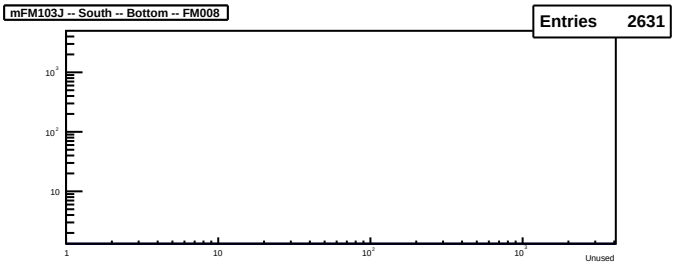

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

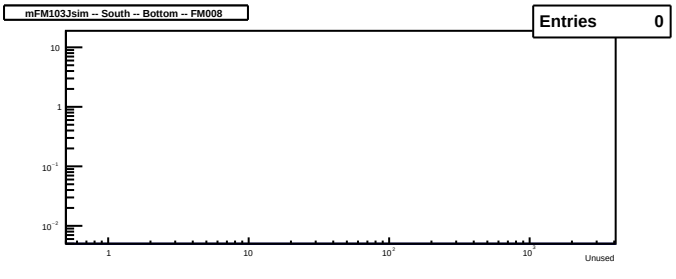
mFM103JP -- South -- Bottom/Side -- FM007
Entries 5262
JP-GH
JP-U


mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-U

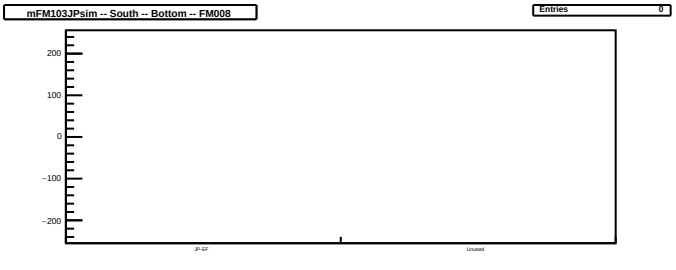

mFM103BS -- South -- Bottom --FM008
Entries 10524
2631
2631
2631
2631
BS3
BS2
BS1-E
BS1-F

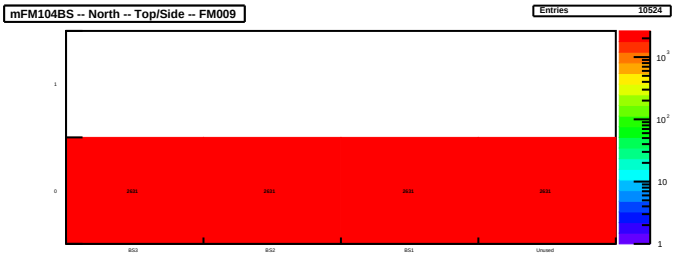

mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F

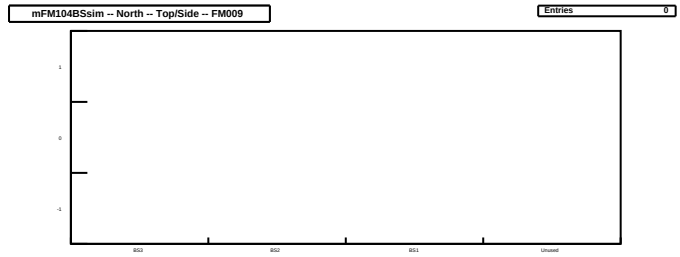

mFM103J -- South -- Bottom -- FM008
Entries 2631
Unused

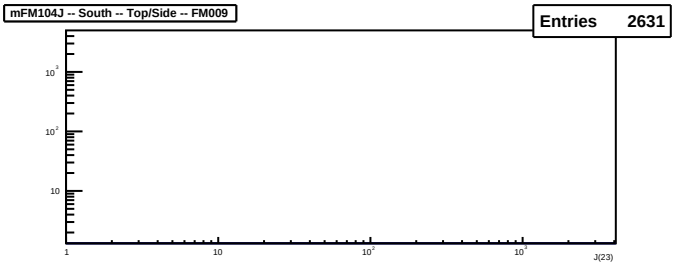

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

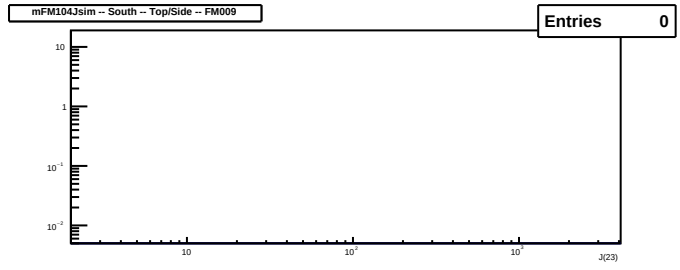
mFM103JP -- South -- Bottom -- FM008
Entries 5262
JP-EF
Unused

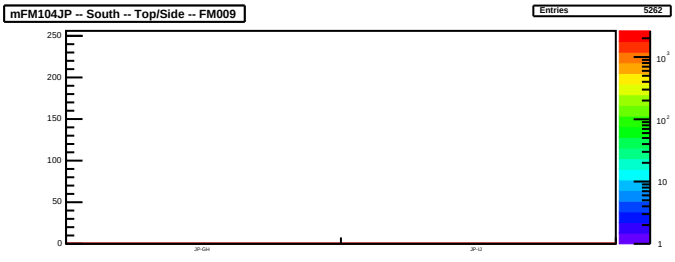

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 10524
2631
2631
2631
2631
BS3
BS2
BS1
Unused

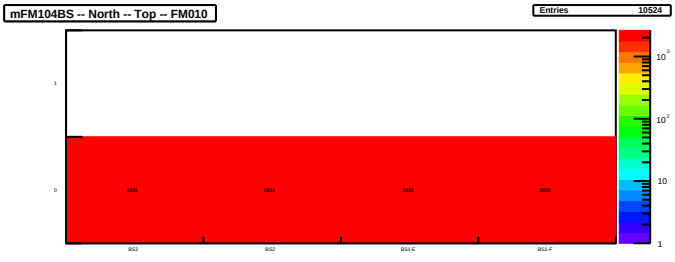

mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused

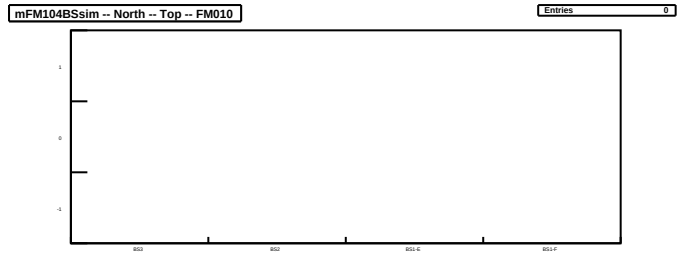

mFM104J -- South -- Top/Side -- FM009
Entries 2631
J(23)

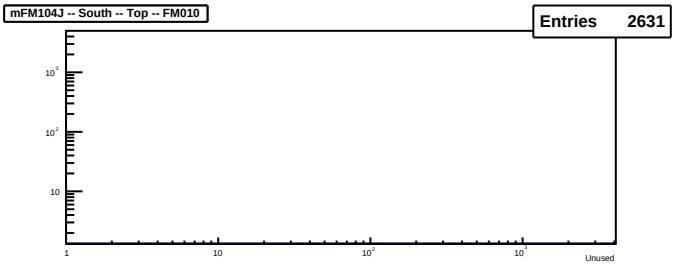

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

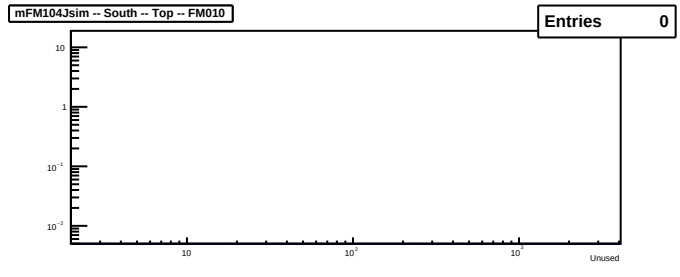

mFM104JP -- South -- Top/Side -- FM009
Entries 5262
JP-GH
JP-U

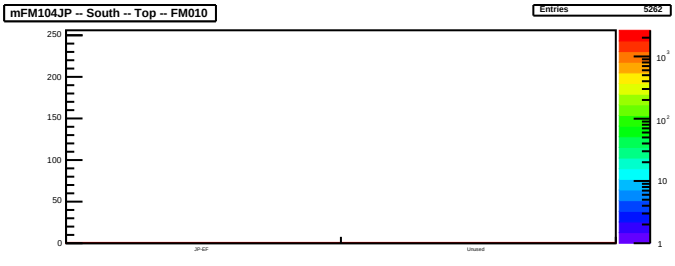
mFM104JPsim -- South -- Top/Side -- FM009
Entries 0
JP-GH
JP-U


mFM104BS -- North -- Top -- FM010
Entries 10524
2631
2631
2631
2631
BS3
BS2
BS1-E
BS1-F

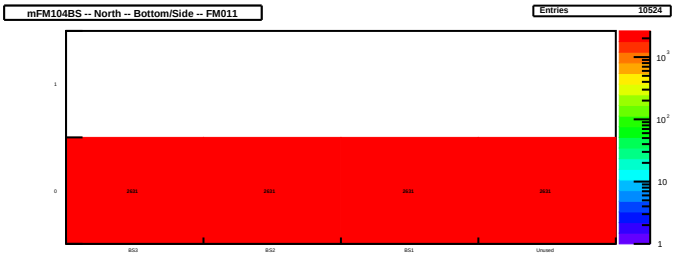

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

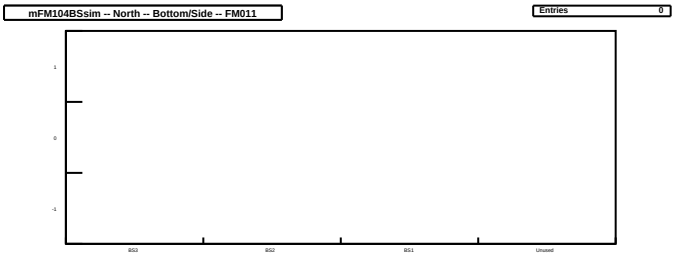

mFM104J -- South -- Top -- FM010
Entries 2631
Unused

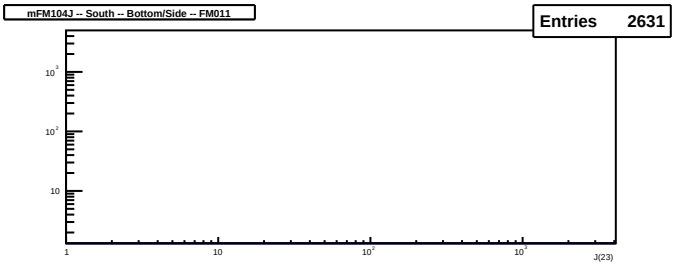

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

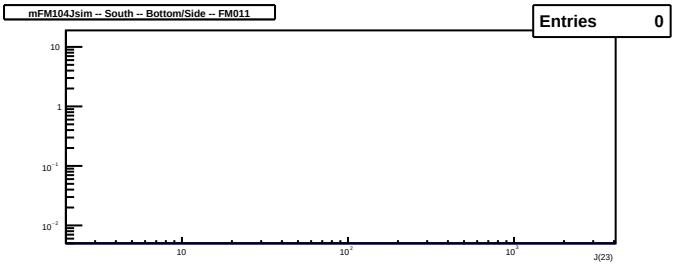

mFM104JP -- South -- Top -- FM010
Entries 5262
JP-EF
Unused

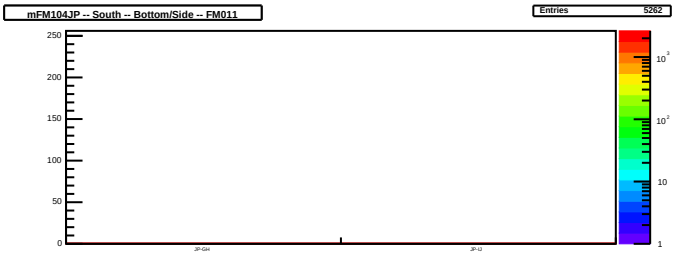
mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

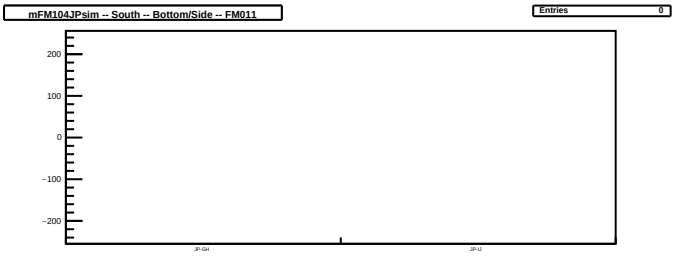

mFM104BS -- North -- Bottom/Side -- FM011
Entries 10524
2631
2631
2631
2631
BS3
BS2
BS1
Unused

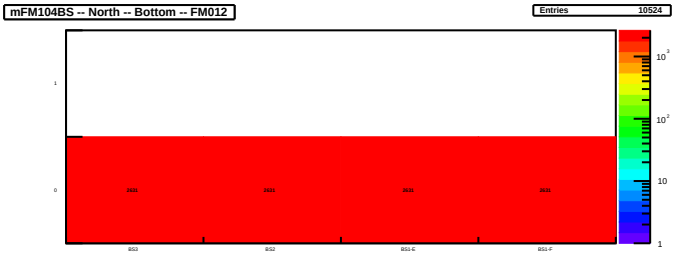

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

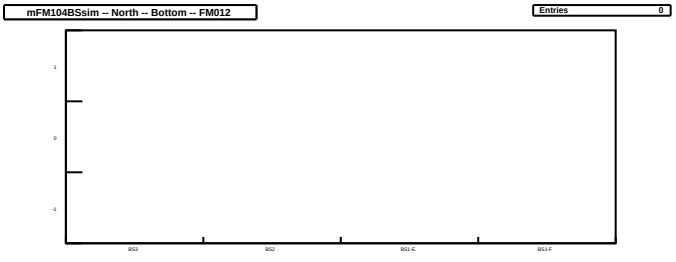

mFM104J -- South -- Bottom/Side -- FM011
Entries 2631
J(23)

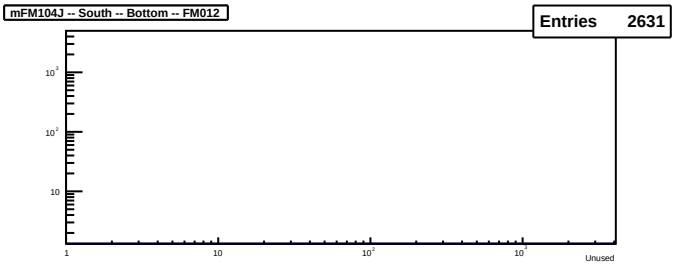

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

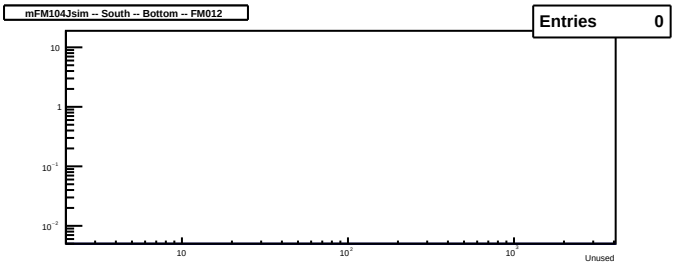

mFM104JP -- South -- Bottom/Side -- FM011
Entries 5262
JP-GH
JP-U


mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-U


mFM104BS -- North -- Bottom -- FM012
Entries 10524
2631
2631
2631
2631
BS3
BS2
BS1-E
BS1-F

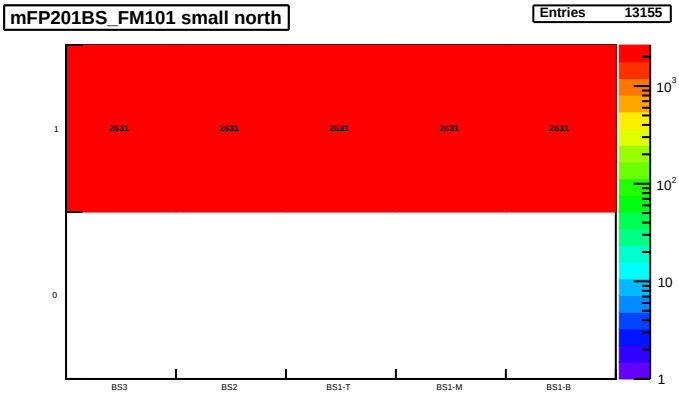

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

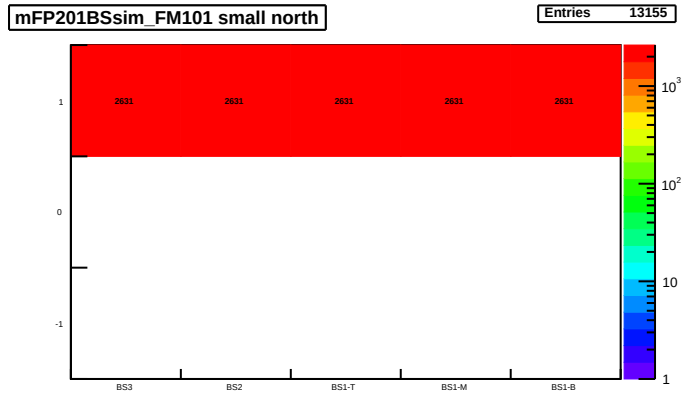

mFM104J -- South -- Bottom -- FM012
Entries 2631
Unused

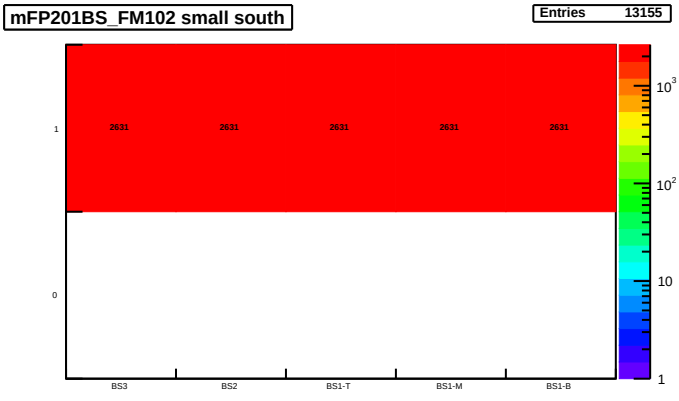

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

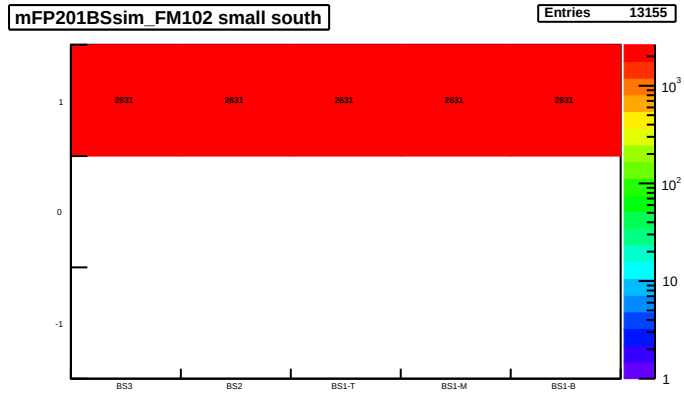
mFM104JP -- South -- Bottom -- FM012
Entries 5262
JP-EF
Unused

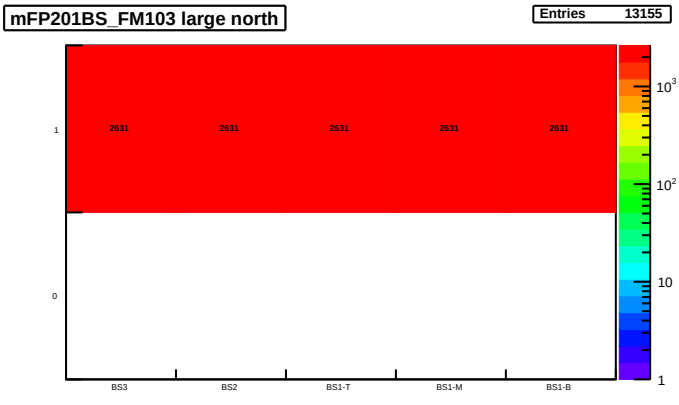
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

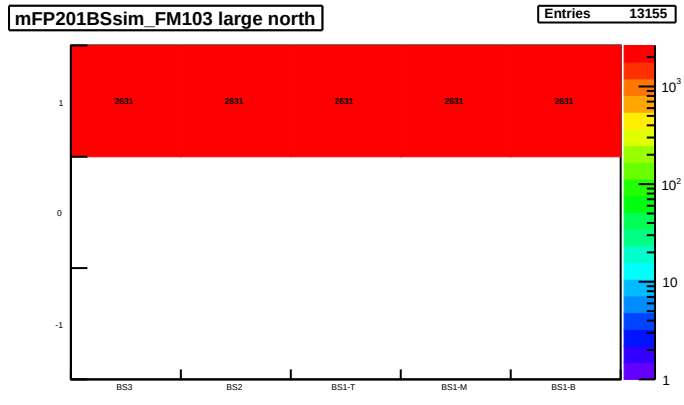

mFP201BS_FM101 small north
Entries 13155
2631
BS3
BS2
BS1-T
BS1-M
BS1-B

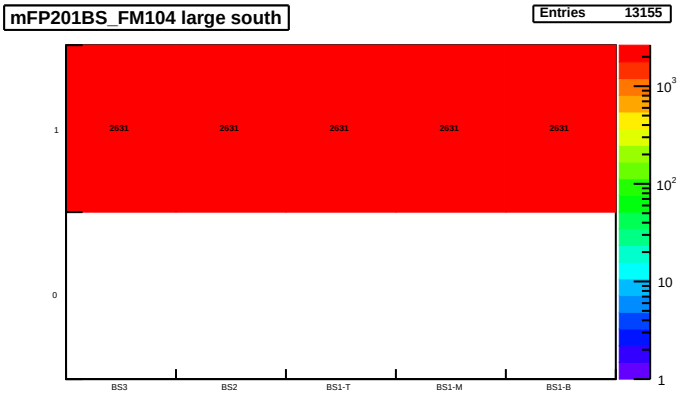

mFP201BSsim_FM101 small north
Entries 13155
2631
BS3
BS2
BS1-T
BS1-M
BS1-B

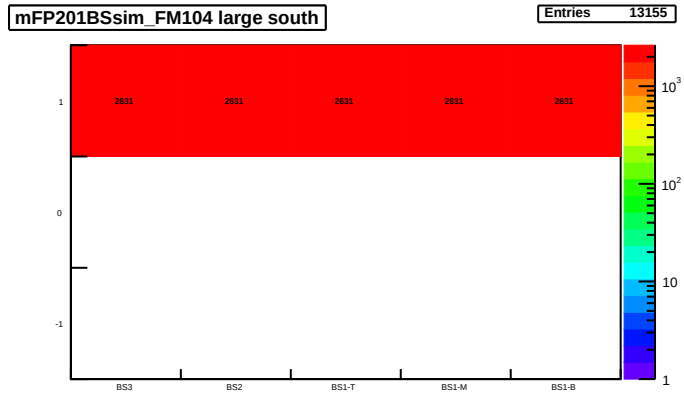

mFP201BS_FM102 small south
Entries 13155
2631
BS3
BS2
BS1-T
BS1-M
BS1-B

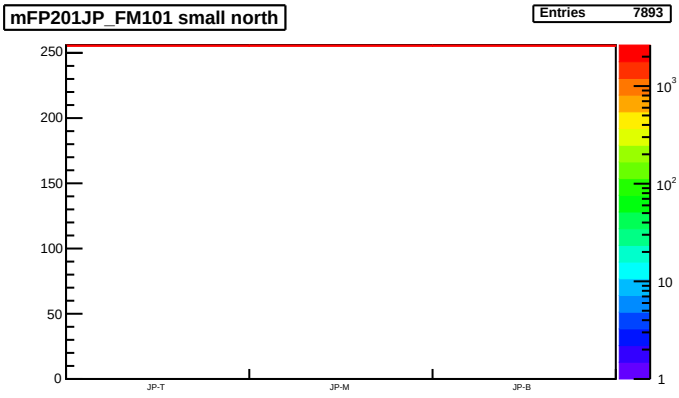

mFP201BSsim_FM102 small south
Entries 13155
2631
BS3
BS2
BS1-T
BS1-M
BS1-B

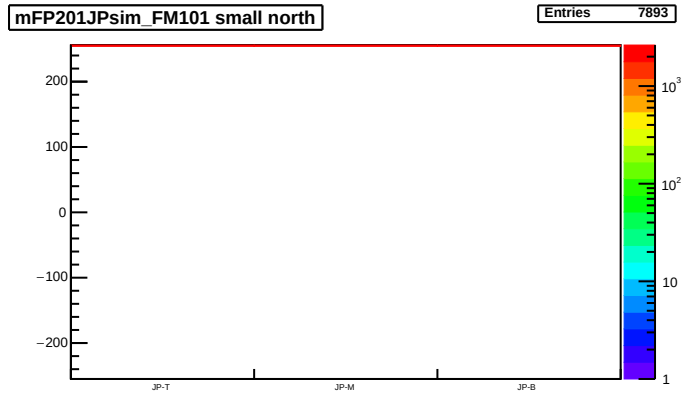

mFP201BS_FM103 large north
Entries 13155
2631
BS3
BS2
BS1-T
BS1-M
BS1-B

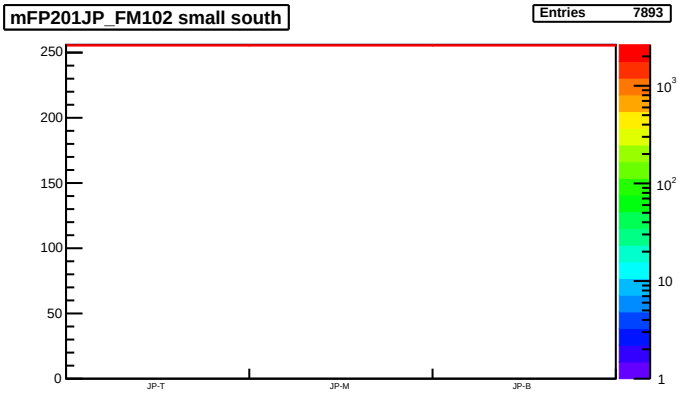

mFP201BSsim_FM103 large north
Entries 13155
2631
BS3
BS2
BS1-T
BS1-M
BS1-B

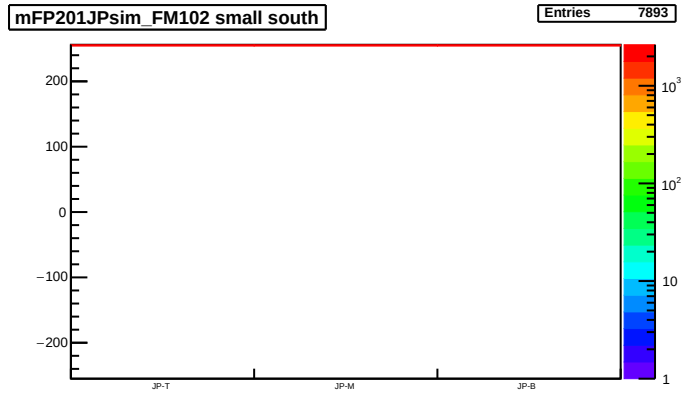

mFP201BS_FM104 large south
Entries 13155
2631
BS3
BS2
BS1-T
BS1-M
BS1-B

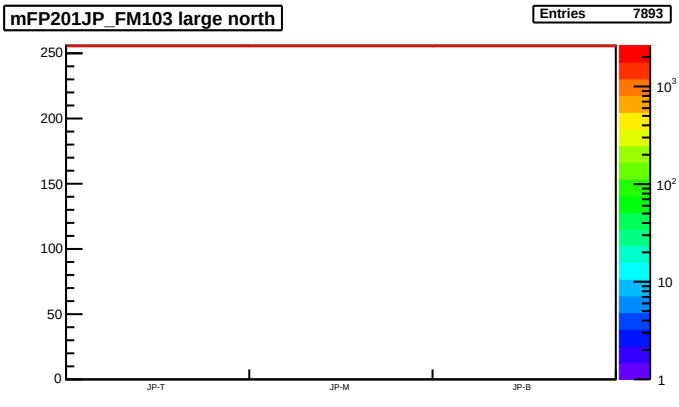

mFP201BSsim_FM104 large south
Entries 13155
2631
BS3
BS2
BS1-T
BS1-M
BS1-B

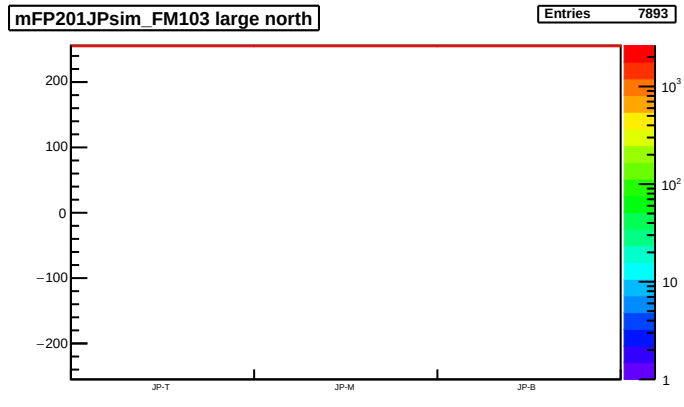

mFP201JP_FM101 small north
Entries 7893
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^3
10^2
10
1

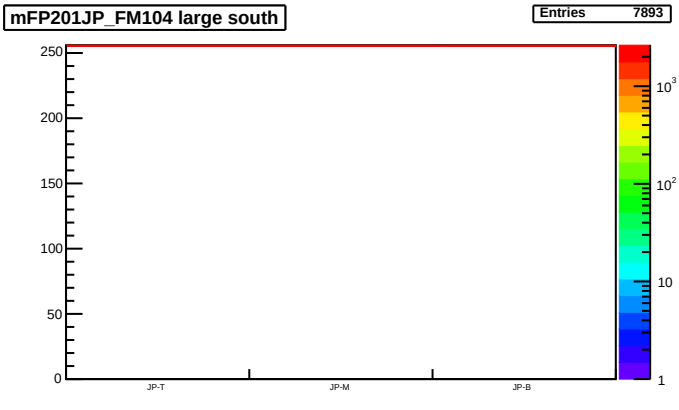

mFP201JPsim_FM101 small north
Entries 7893
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^3
10^2
10
1

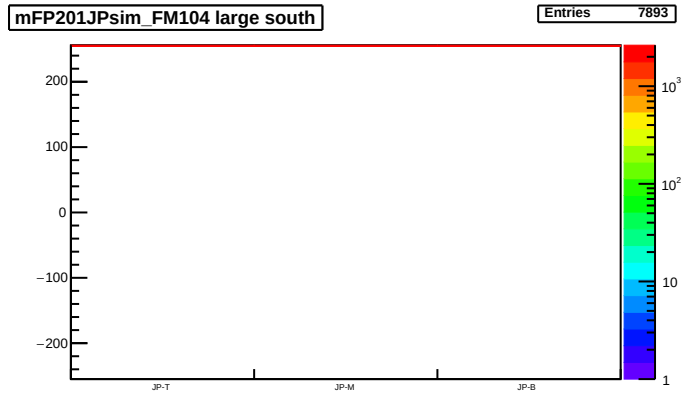

mFP201JP_FM102 small south
Entries 7893
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^3
10^2
10
1

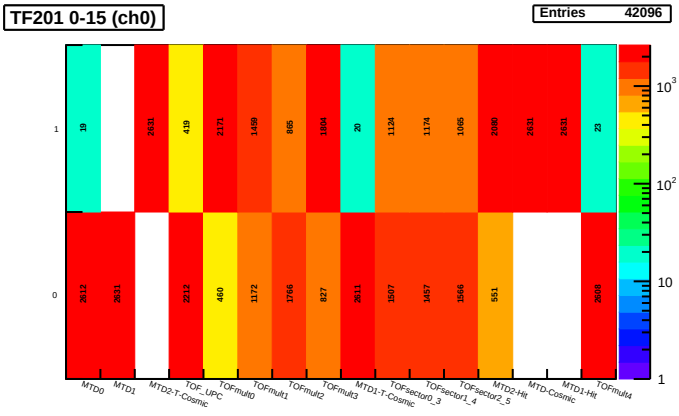

mFP201JPsim_FM102 small south
Entries 7893
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^3
10^2
10
1

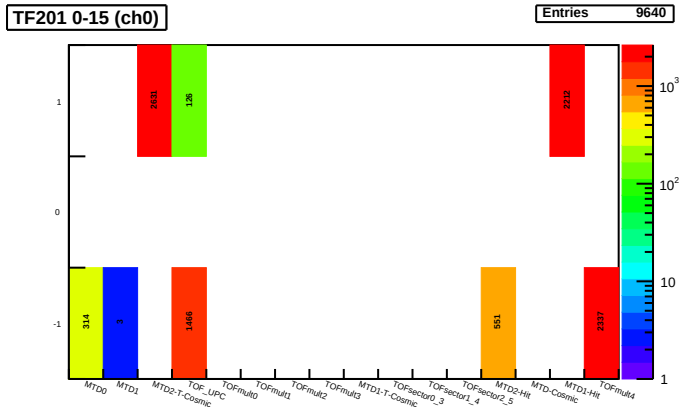

mFP201JP_FM103 large north
Entries 7893
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^3
10^2
10
1

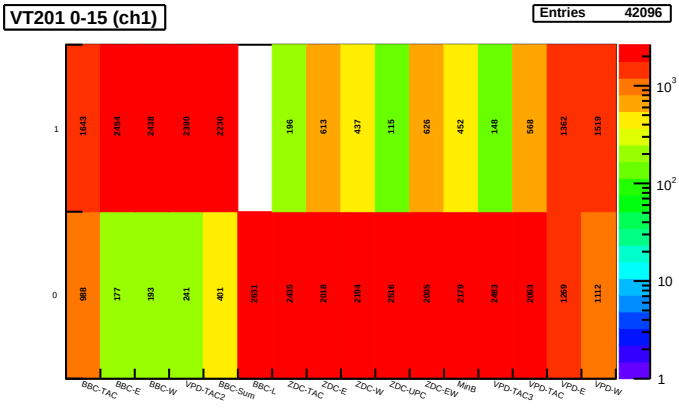

mFP201JPsim_FM103 large north
Entries 7893
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^3
10^2
10
1

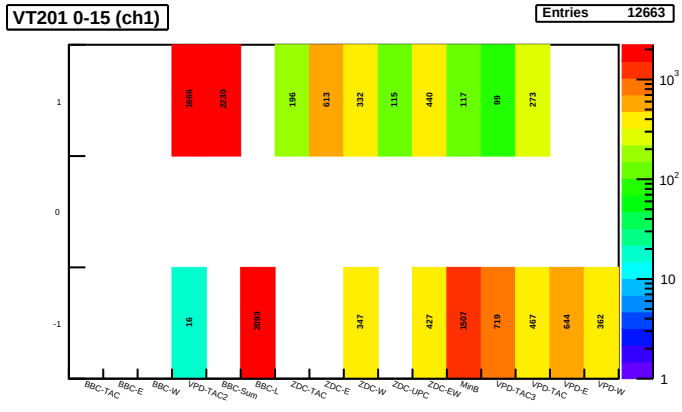

mFP201JP_FM104 large south
Entries 7893
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^3
10^2
10
1

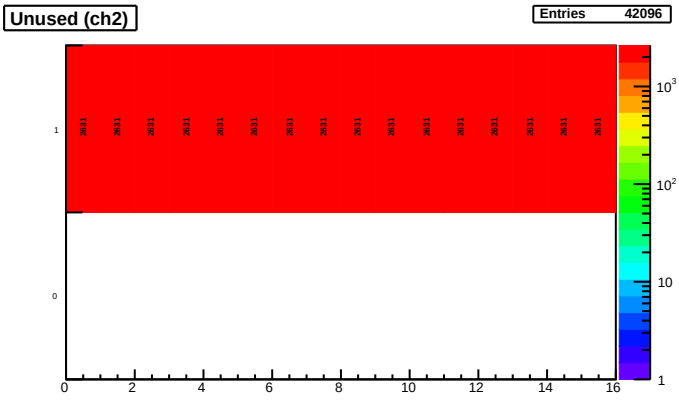

mFP201JPsim_FM104 large south
Entries 7893
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^3
10^2
10
1

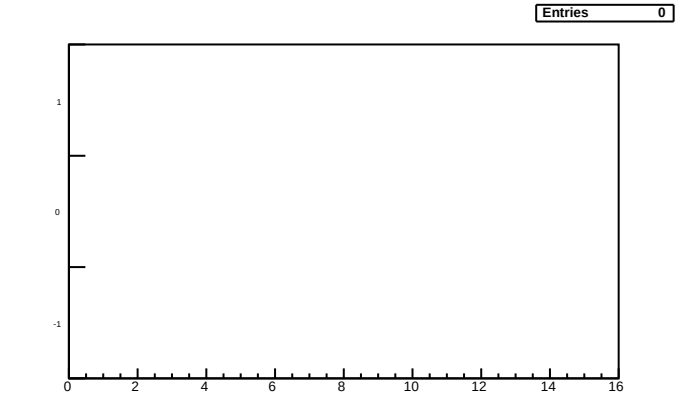

TF201 0-15 (ch0)
Entries 42096
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

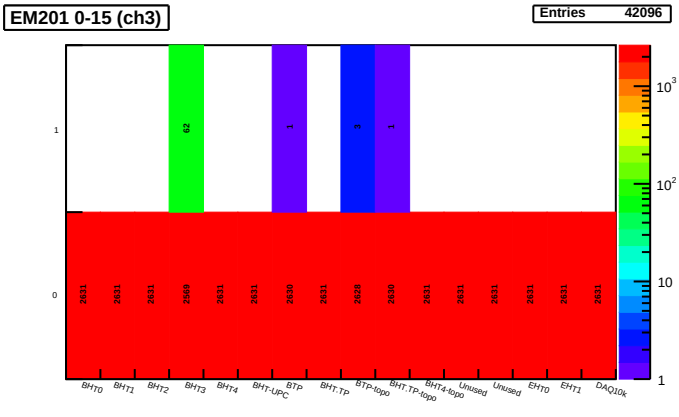

TF201 0-15 (ch0)
Entries 9640
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

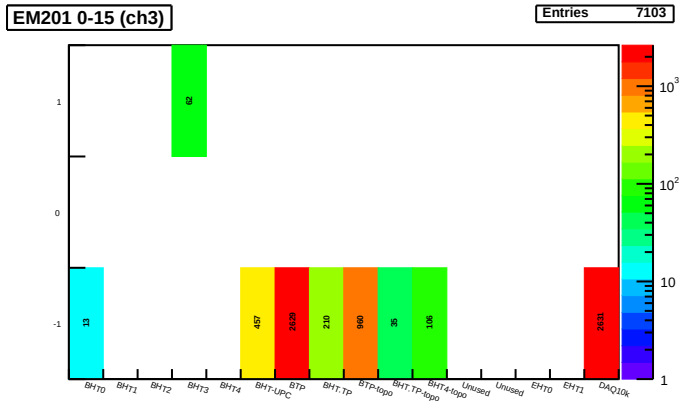

VT201 0-15 (ch1)
Entries 42096
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W


VT201 0-15 (ch1)
Entries 12663
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

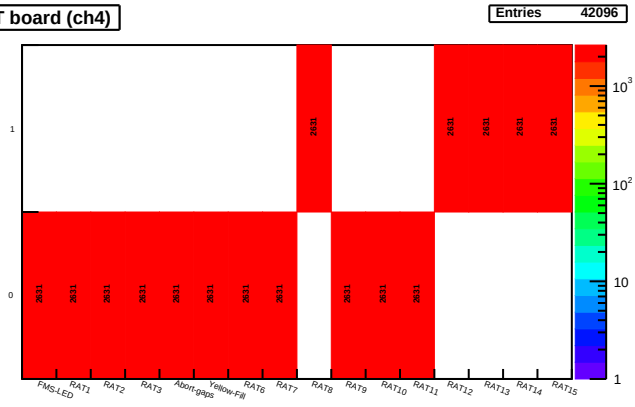

Unused (ch2)
Entries 42096

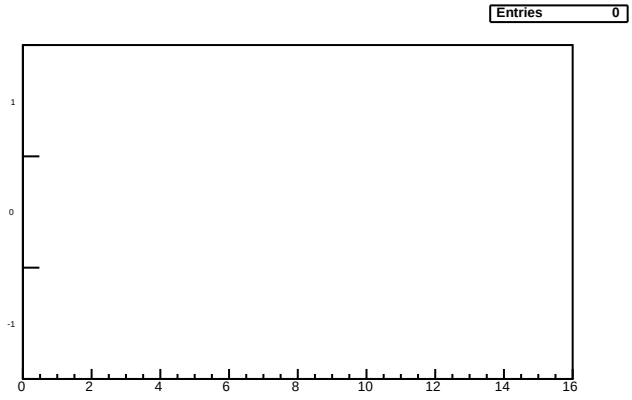

Entries 0


EM201 0-15 (ch3)
Entries 42096
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

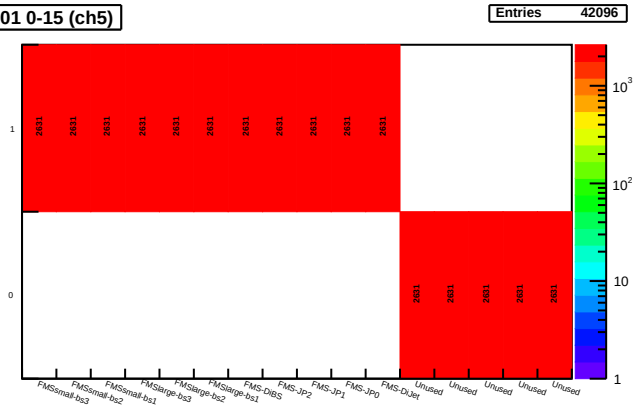

EM201 0-15 (ch3)
Entries 7103
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

RAT board (ch4)

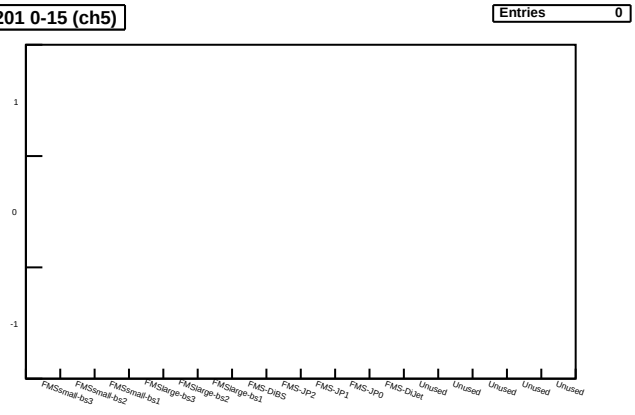




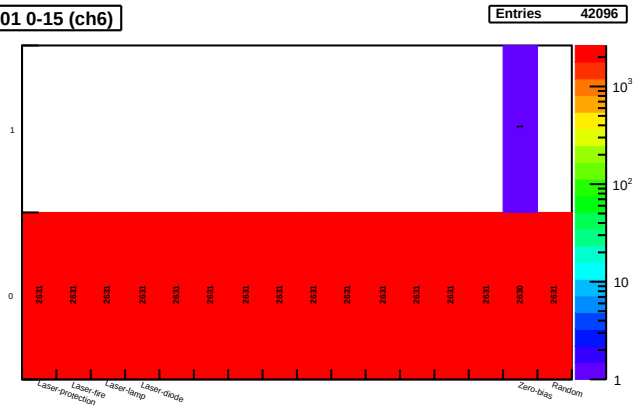
FP201 0-15 (ch5)

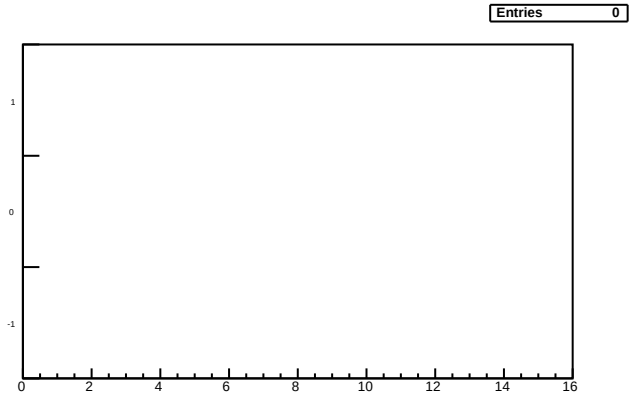
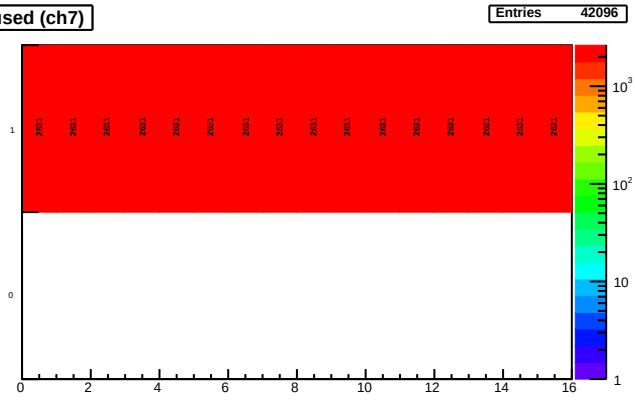
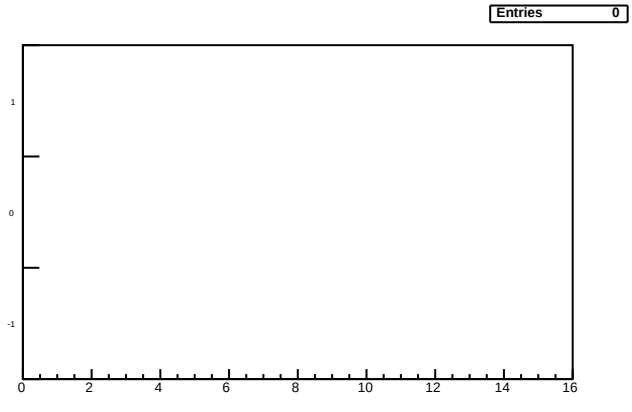


FP201 0-15 (ch5)



ST201 0-15 (ch6)





Unused (ch7)