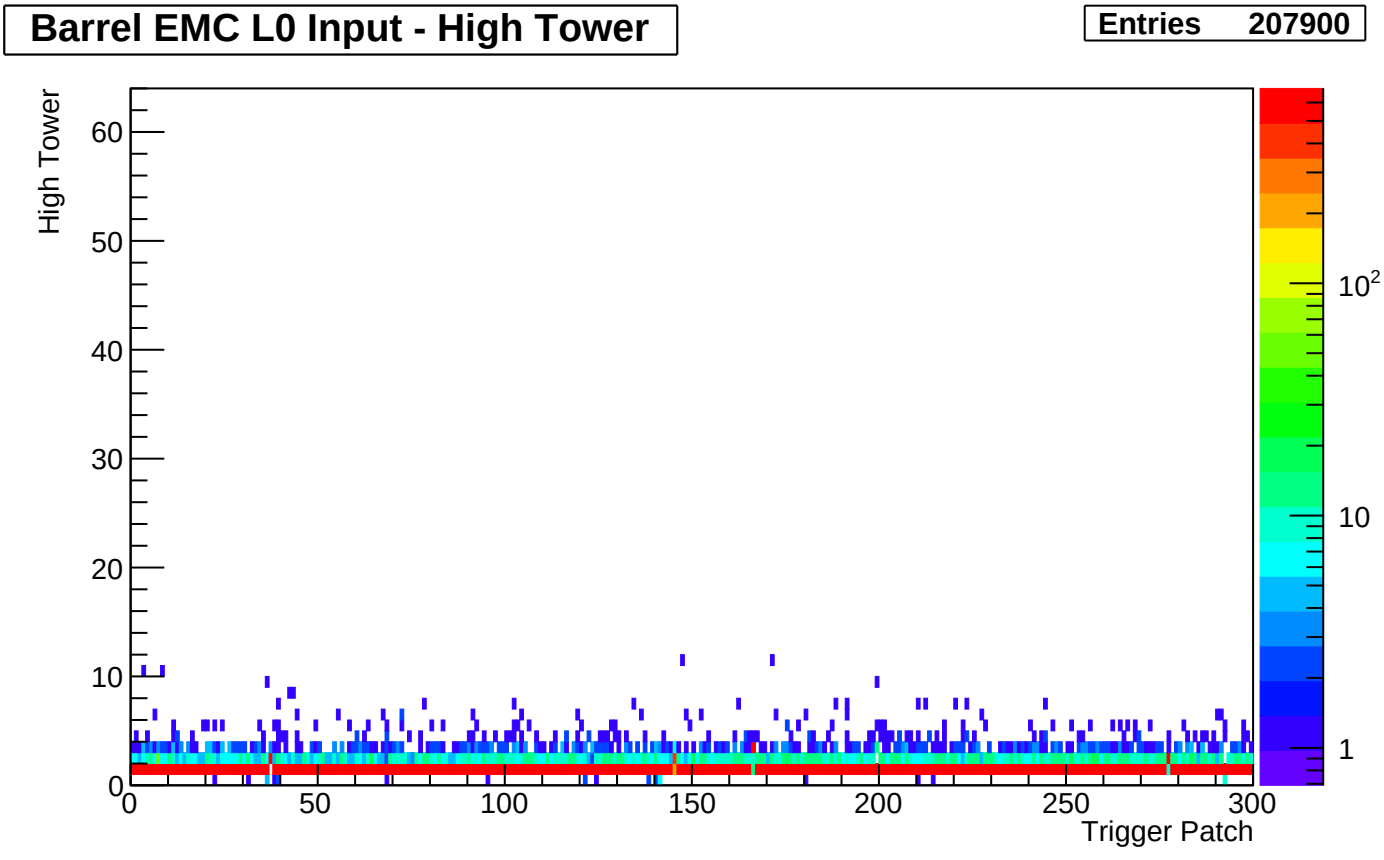
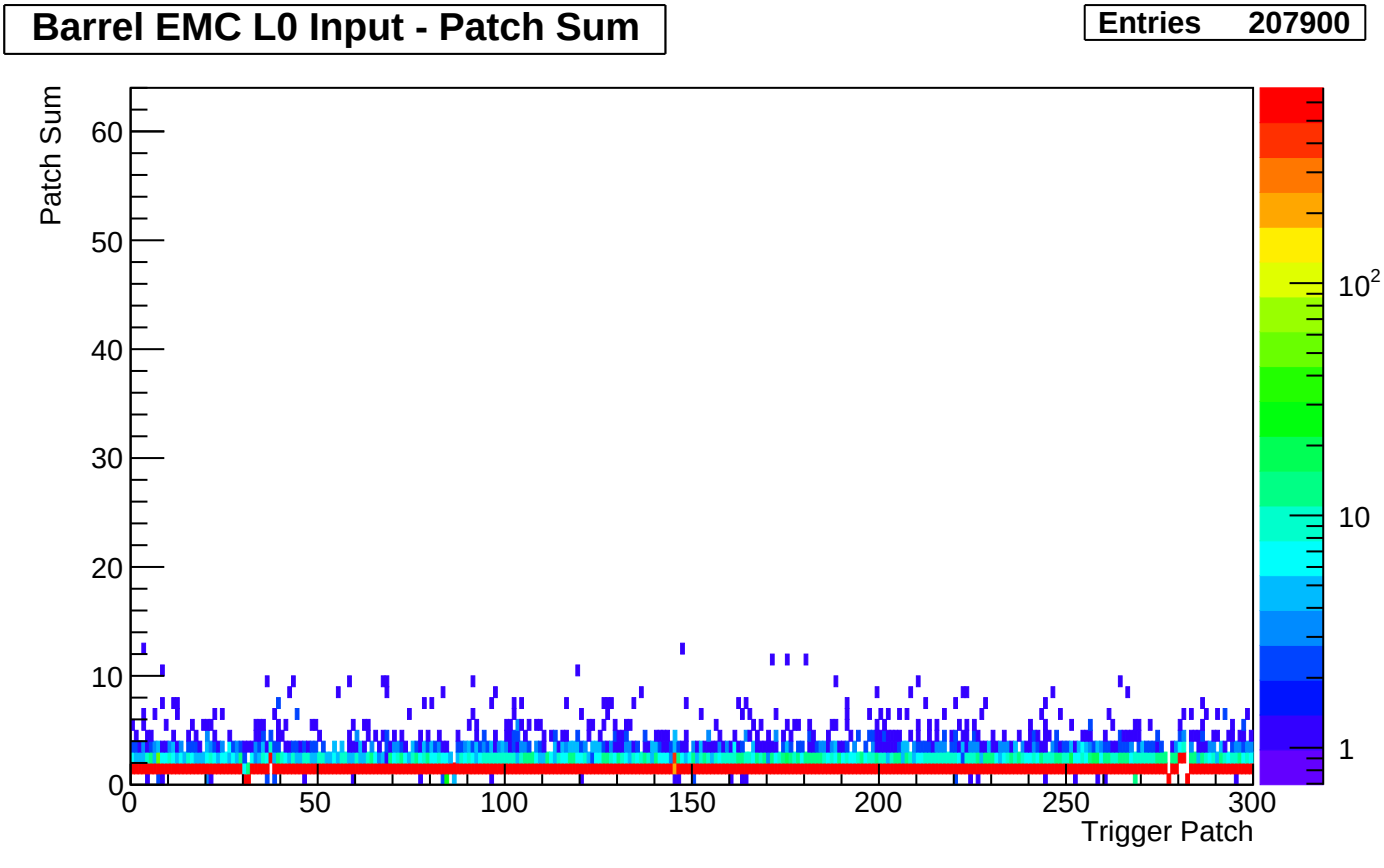
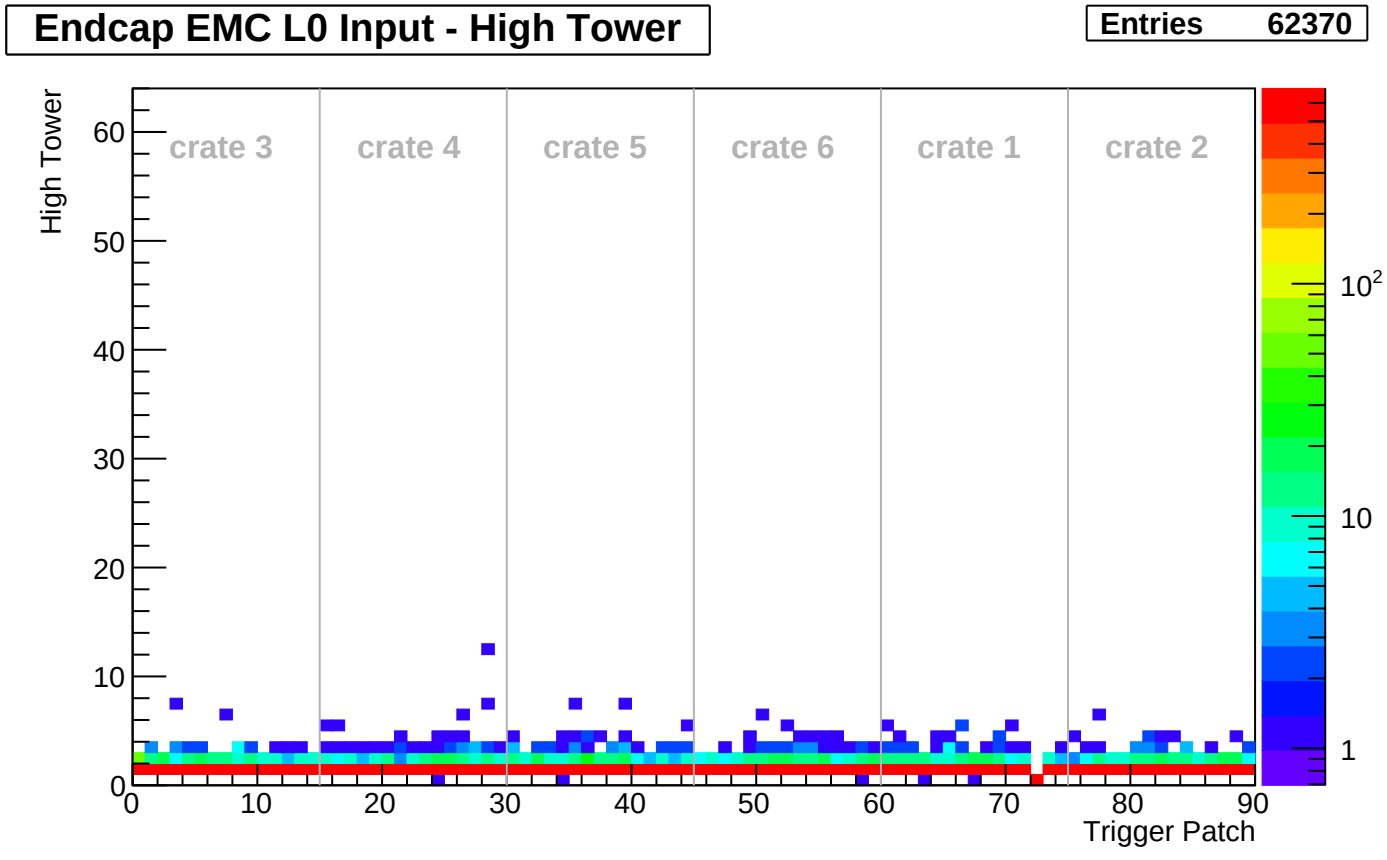
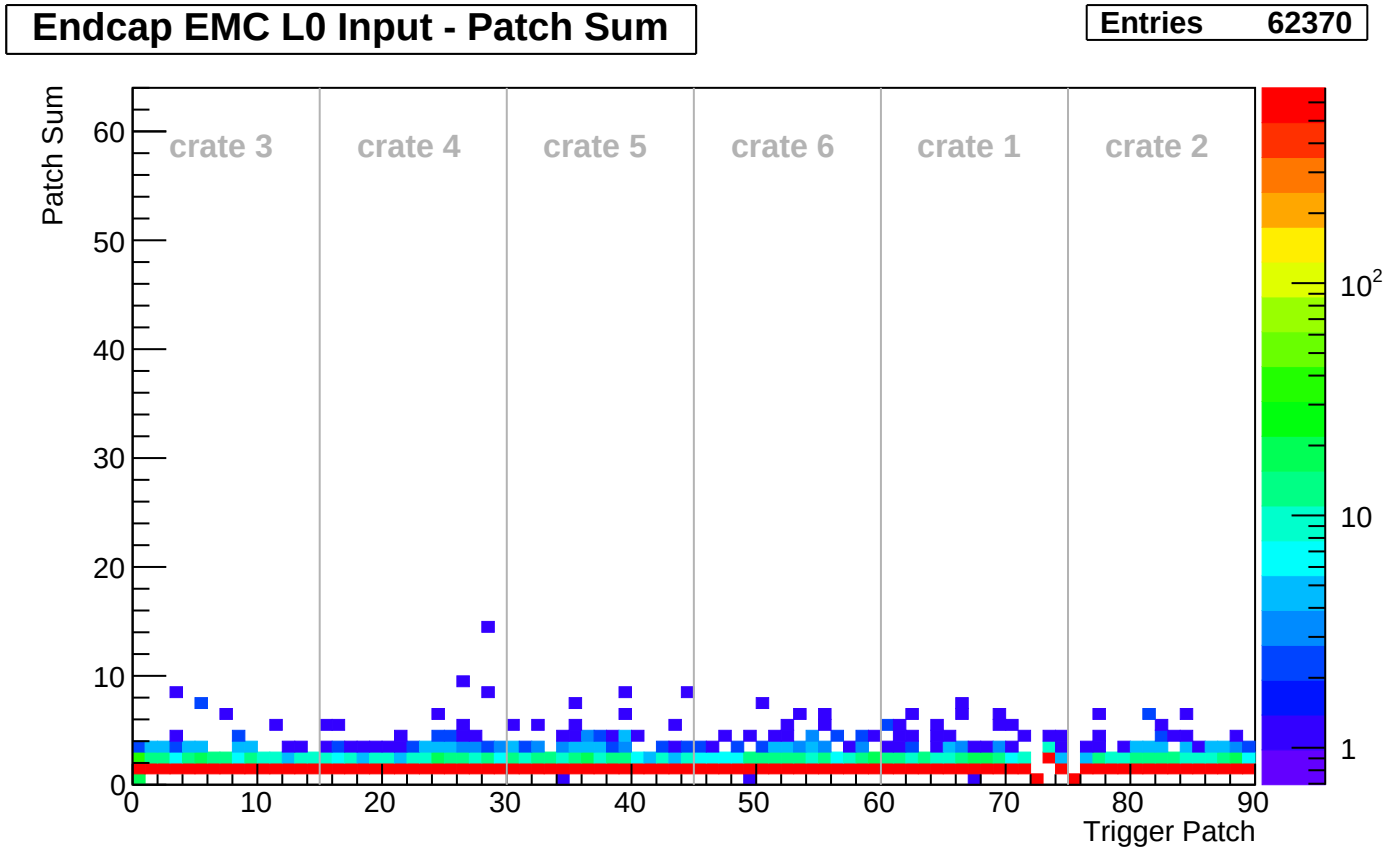
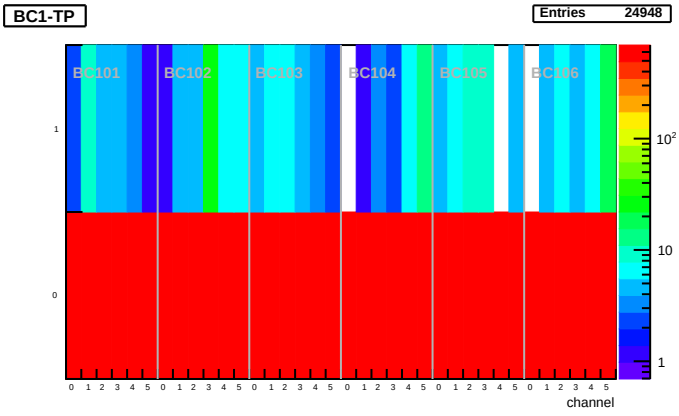
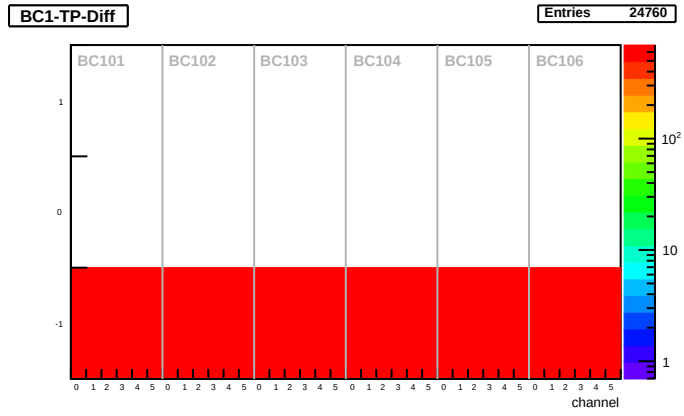

Barrel EMC L0 Input - High Tower
Entries 207900
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2

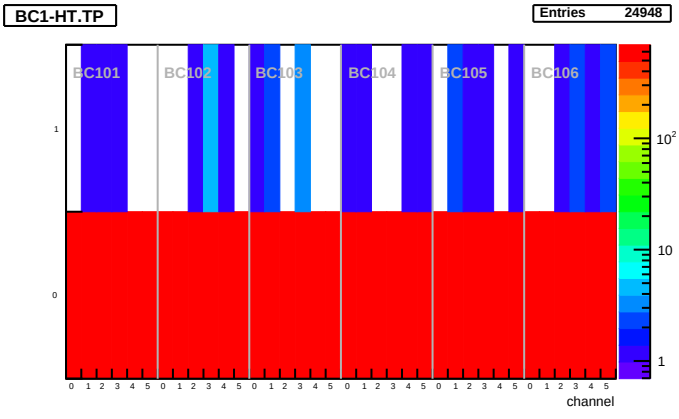

Barrel EMC L0 Input - Patch Sum
Entries 207900
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2

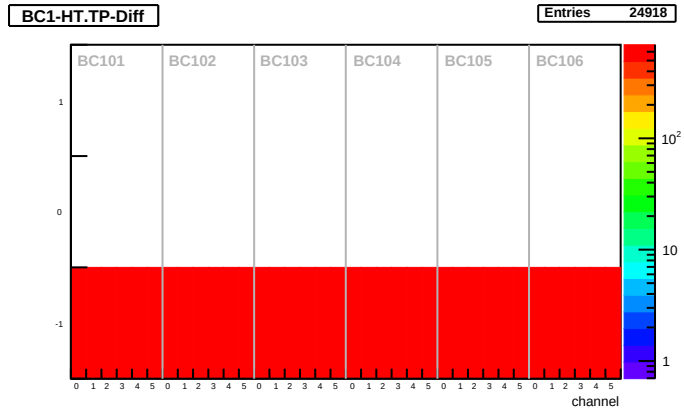

Endcap EMC L0 Input - High Tower
Entries 62370
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2

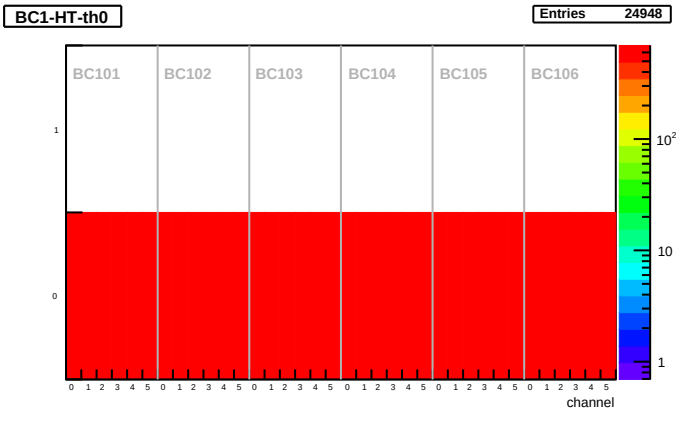

Endcap EMC L0 Input - Patch Sum
Entries 62370
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2

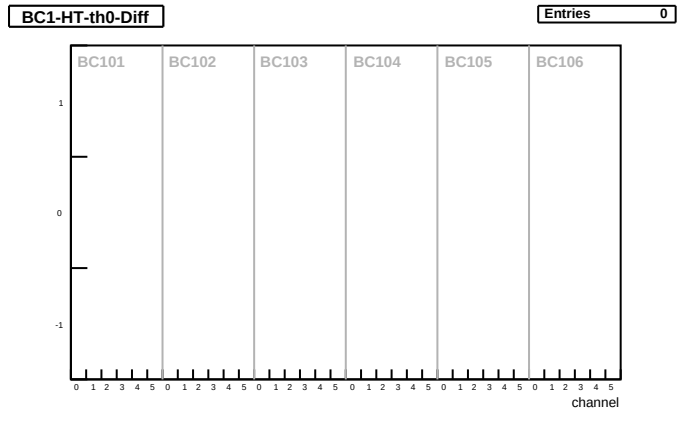

BC1-TP
Entries 24948
BC101
BC102
BC103
BC104
BC105
BC106
channel

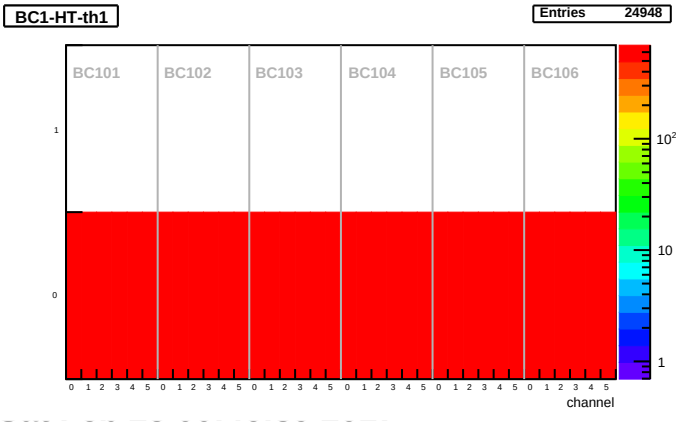

BC1-TP-Diff
Entries 24760
BC101
BC102
BC103
BC104
BC105
BC106
channel

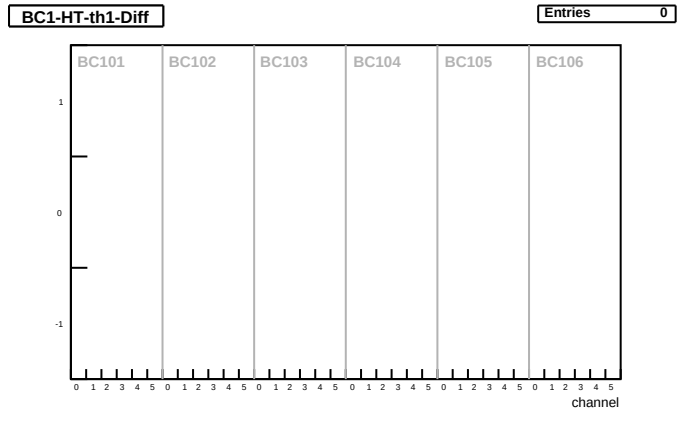

BC1-HT.TP
Entries 24948
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT.TP-Diff
Entries 24918
BC101
BC102
BC103
BC104
BC105
BC106
channel

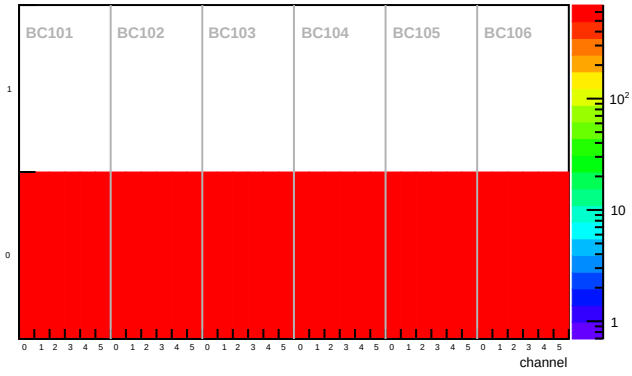

BC1-HT-th0
Entries 24948
BC101
BC102
BC103
BC104
BC105
BC106
channel


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

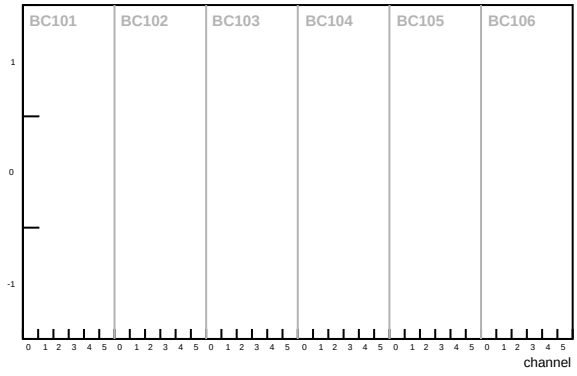

BC1-HT-th1
Entries 24948
BC101
BC102
BC103
BC104
BC105
BC106
channel


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

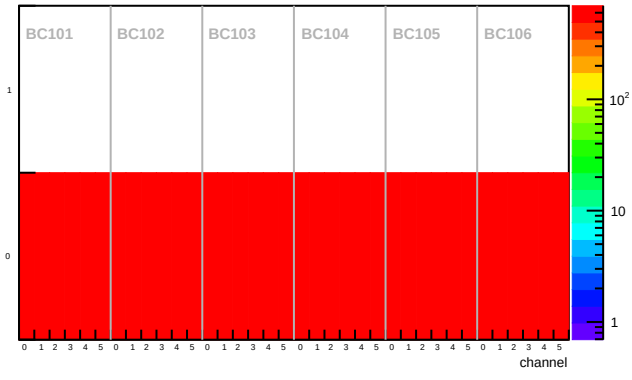
BC1-HT-th2



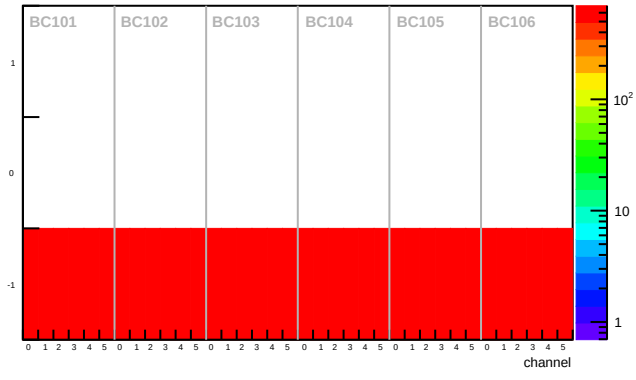
BC1-HT-th2-Diff



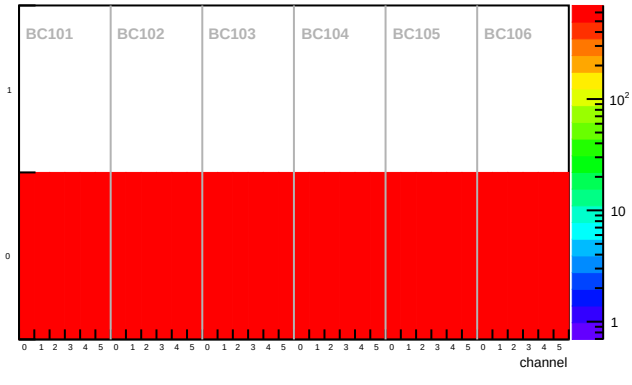
BC1-HT-th3



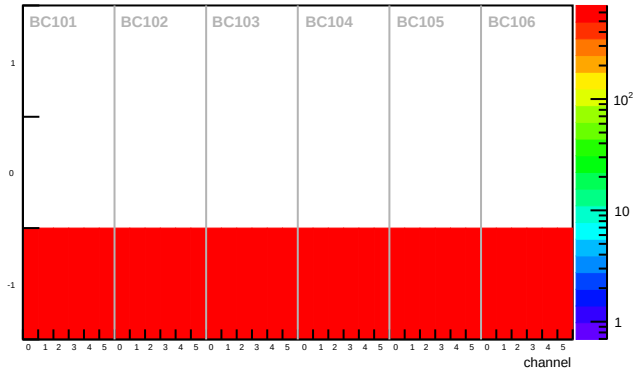
BC1-HT-th3-Diff



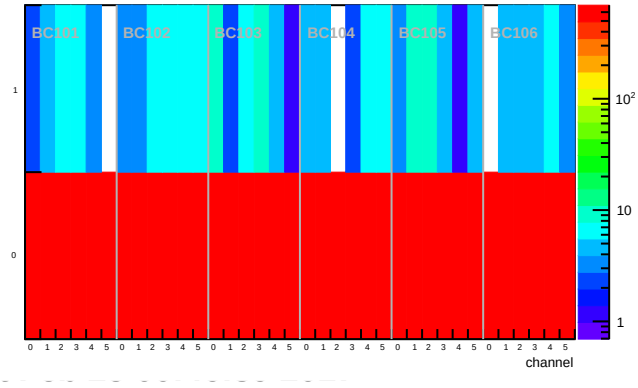
BC1-HT-th4



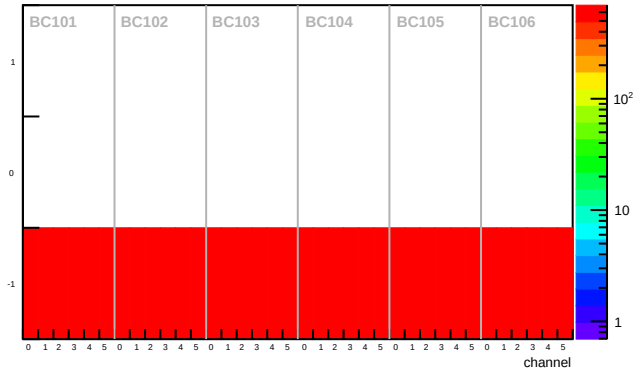
BC1-HT-th4-Diff

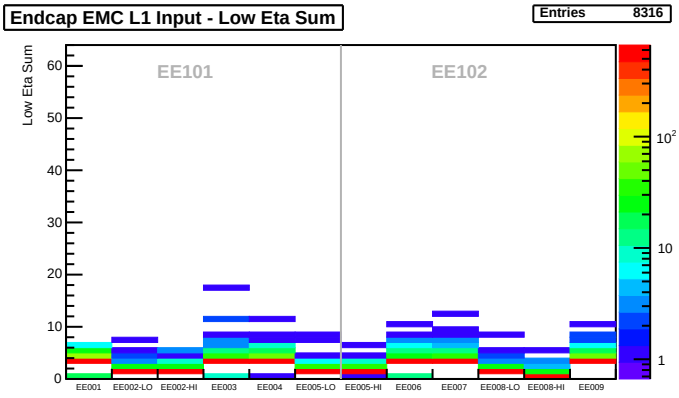


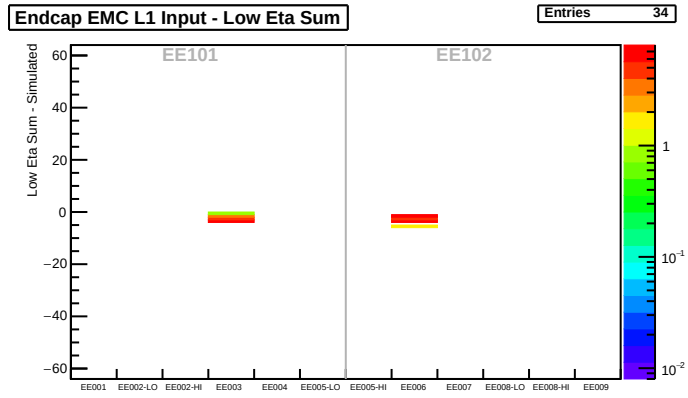
BC1-HT-UPC

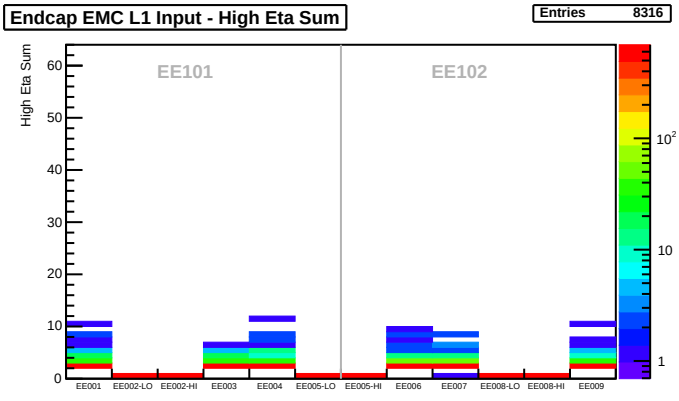


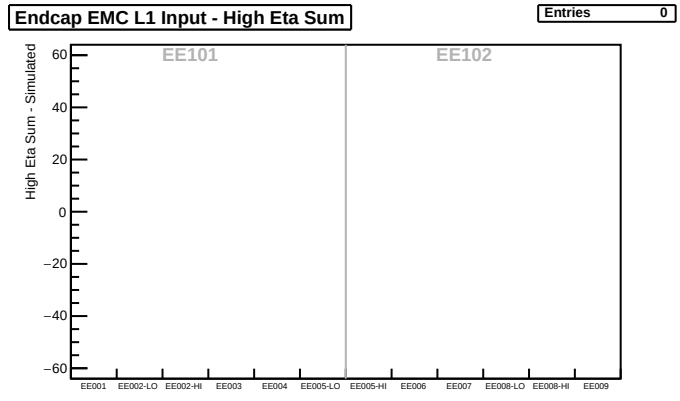
BC1-HT-UPC-Diff

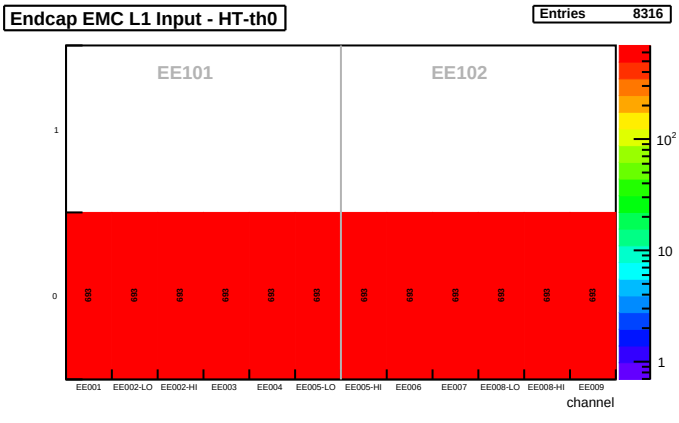


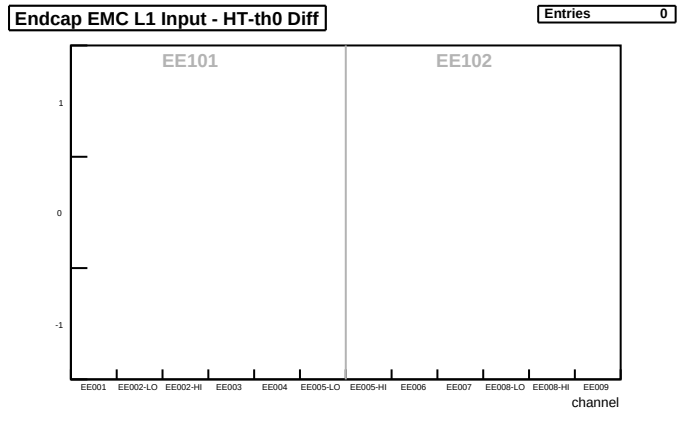

Endcap EMC L1 Input - Low Eta Sum
Entries 8316
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

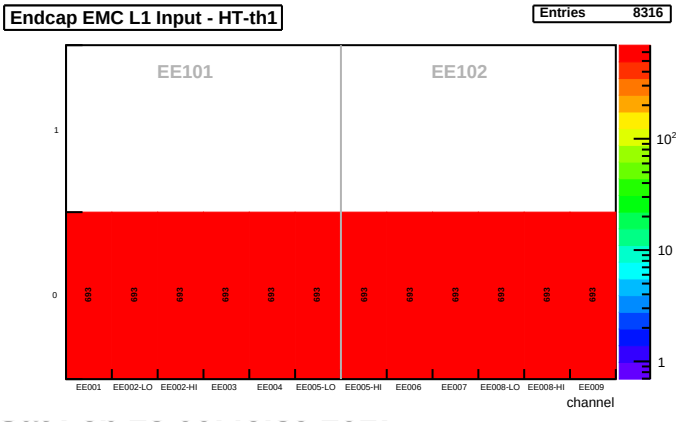

Endcap EMC L1 Input - Low Eta Sum
Entries 34
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

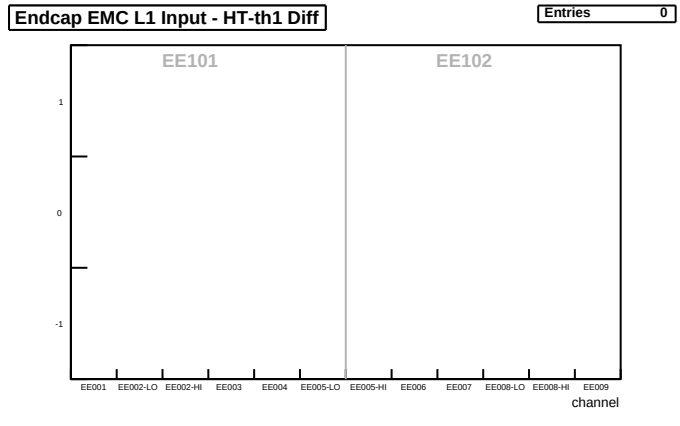

Endcap EMC L1 Input - High Eta Sum
Entries 8316
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

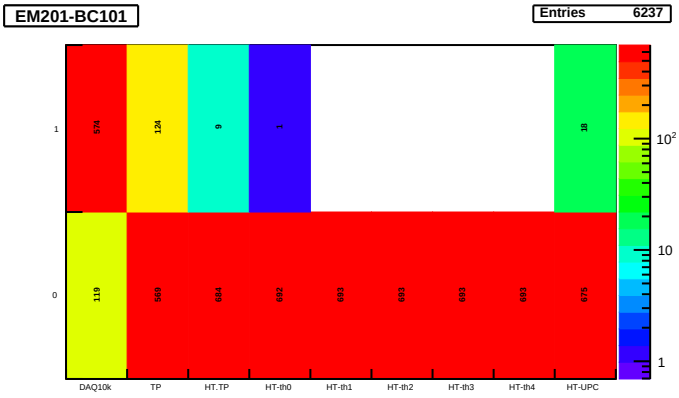

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

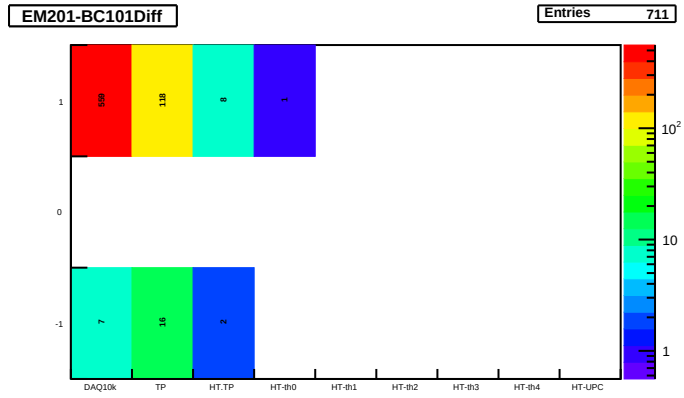

Endcap EMC L1 Input - HT-th0
Entries 8316
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

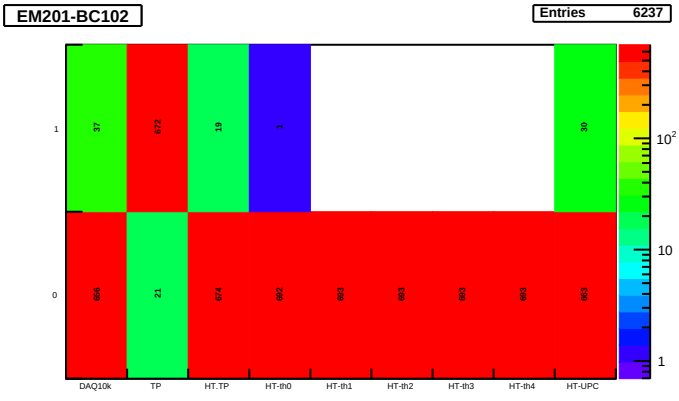

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

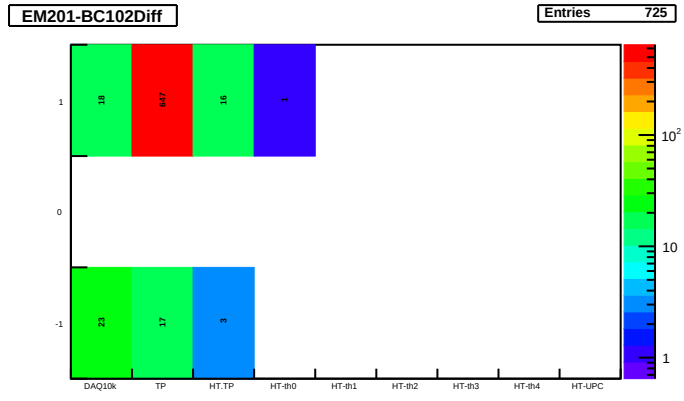

Endcap EMC L1 Input - HT-th1
Entries 8316
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

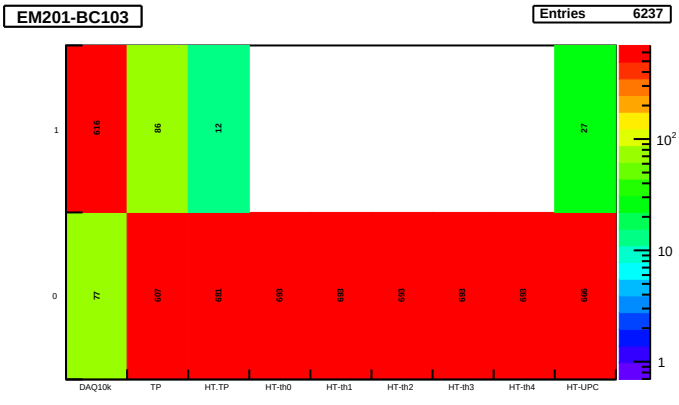

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

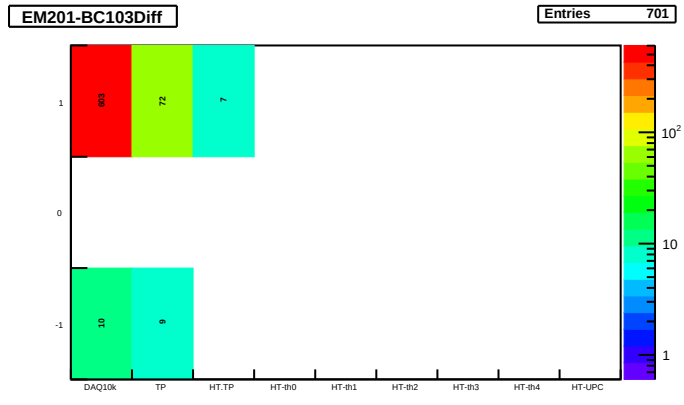

EM201-BC101
Entries 6237
1
0
574 124 9 1 18
119 569 684 692 693 693 693 693 675
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1

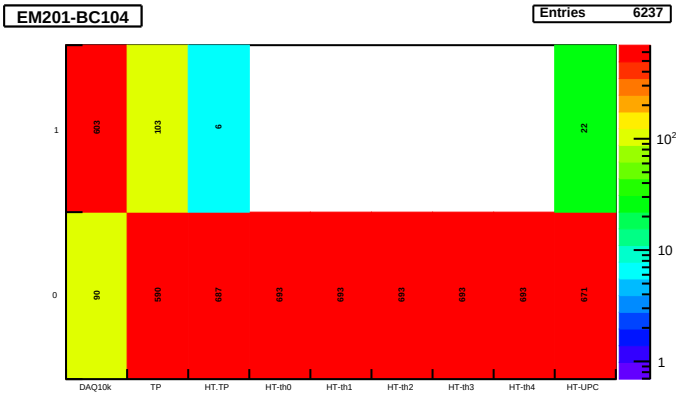

EM201-BC101Diff
Entries 711
1
0
-1
559 118 8 1
7 16 2
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1

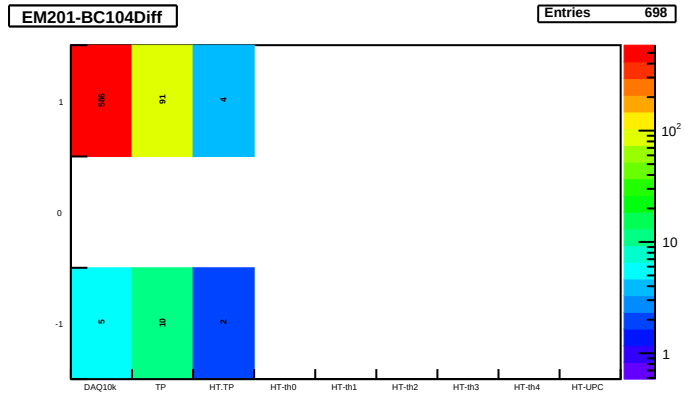

EM201-BC102
Entries 6237
1
0
37 672 19 1 30
656 21 674 692 693 693 693 693 663
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1


EM201-BC102Diff
Entries 725
1
0
-1
18 647 16 1
23 17 3
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1


EM201-BC103
Entries 6237
1
0
616 86 12 27
77 607 681 693 693 693 693 693 666
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1

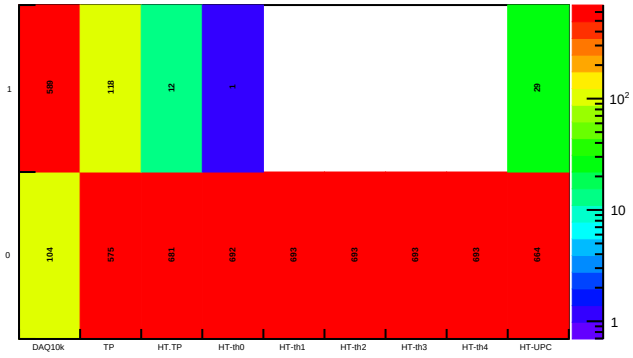

EM201-BC103Diff
Entries 701
1
0
-1
693 72 7
10 9
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1


EM201-BC104
Entries 6237
1
0
603 103 6 22
90 590 687 693 693 693 693 693 671
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1


EM201-BC104Diff
Entries 698
1
0
-1
586 91 4
5 10 2
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1

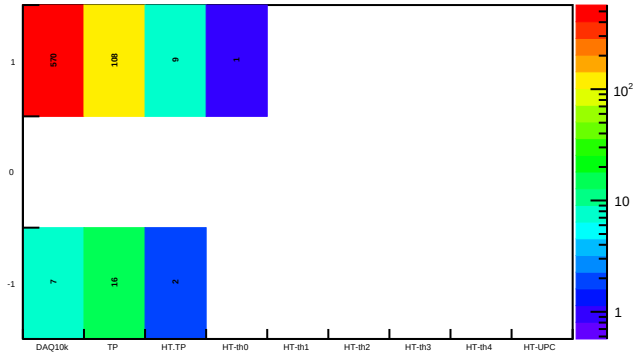
EM201-BC105

Entries 6237



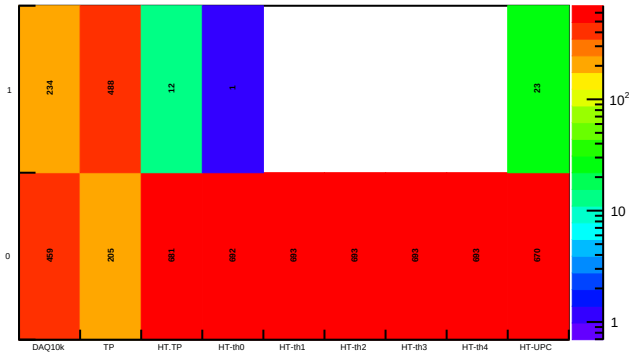
EM201-BC105Diff

Entries 713



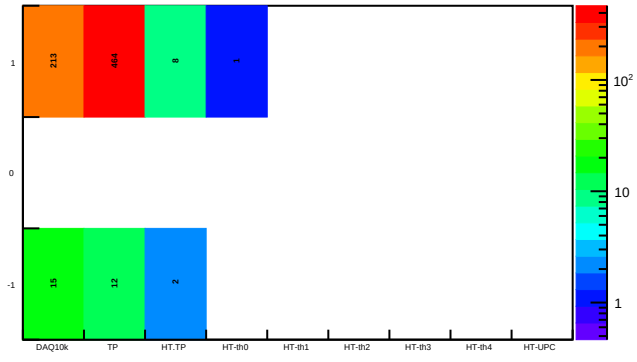
EM201-BC106

Entries 6237



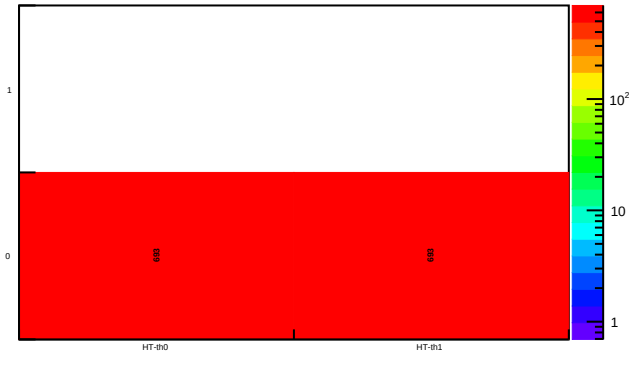
EM201-BC106Diff

Entries 715



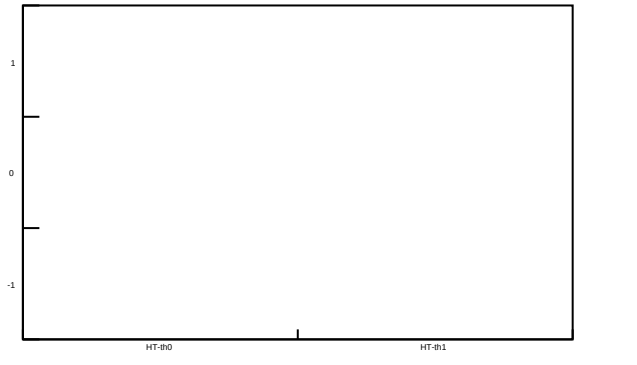
EM201-EE101

Entries 1386



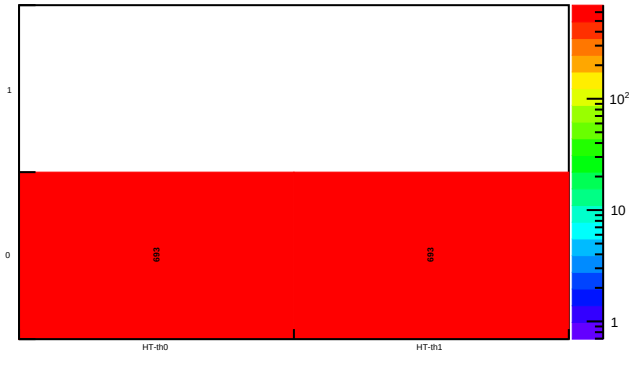
EM201-EE101Diff

Entries 0



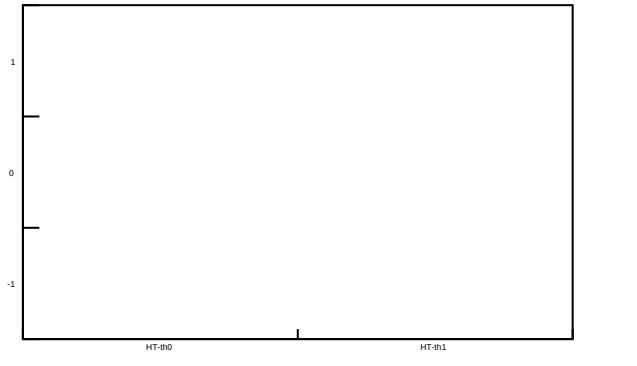
EM201-EE102

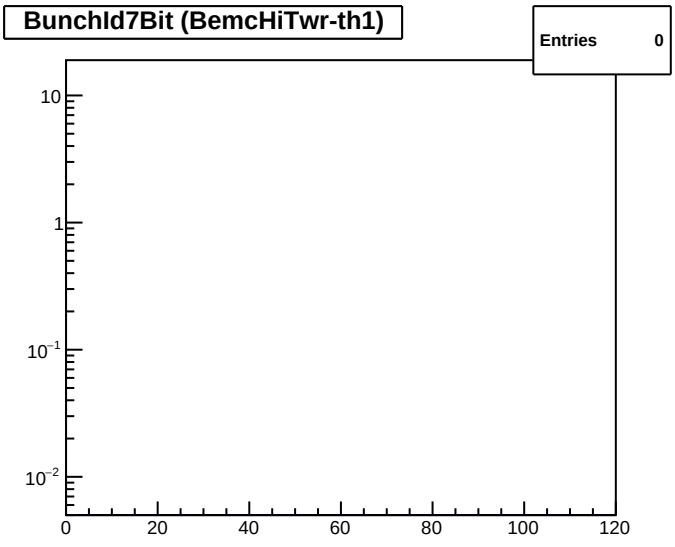
Entries 1386

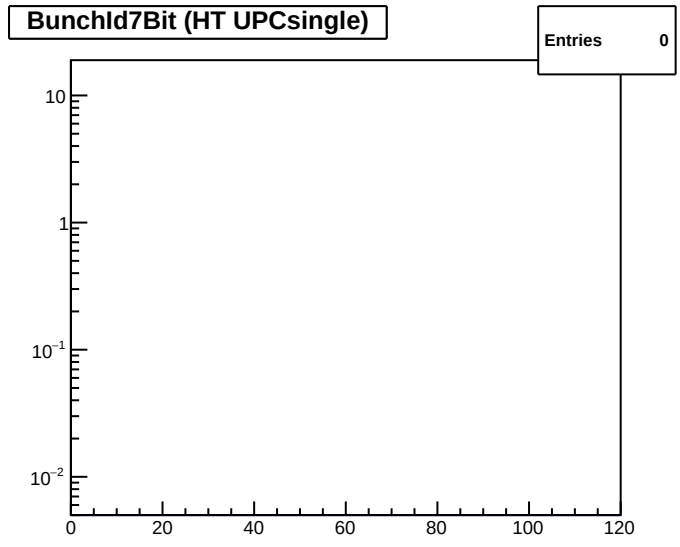


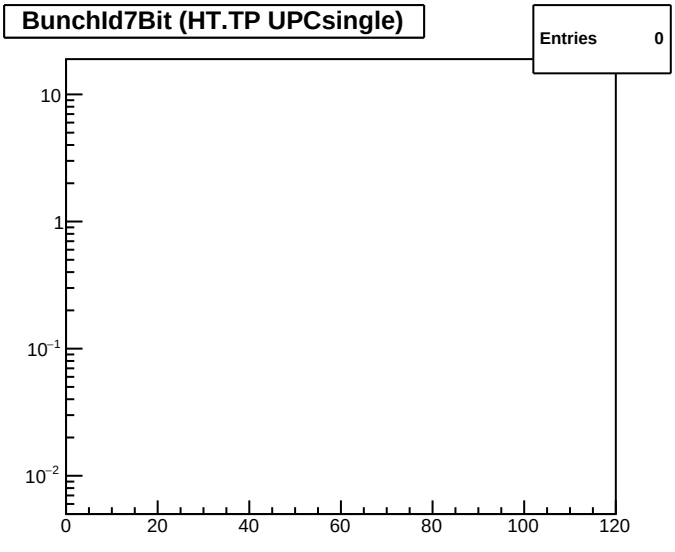
EM201-EE102Diff

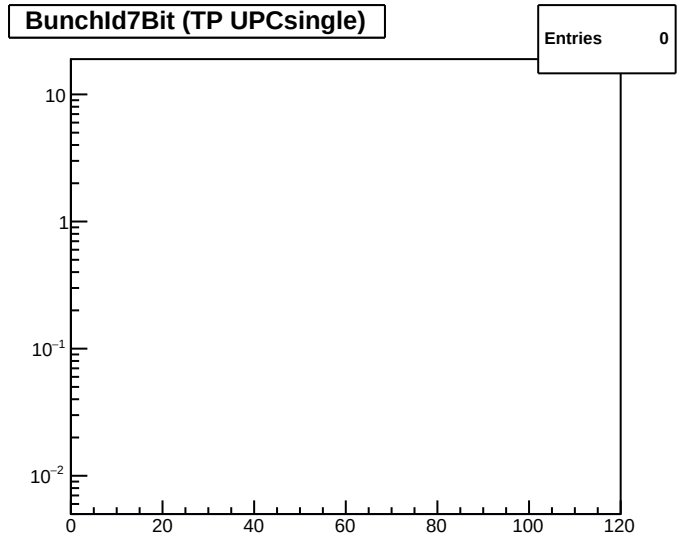
Entries 0

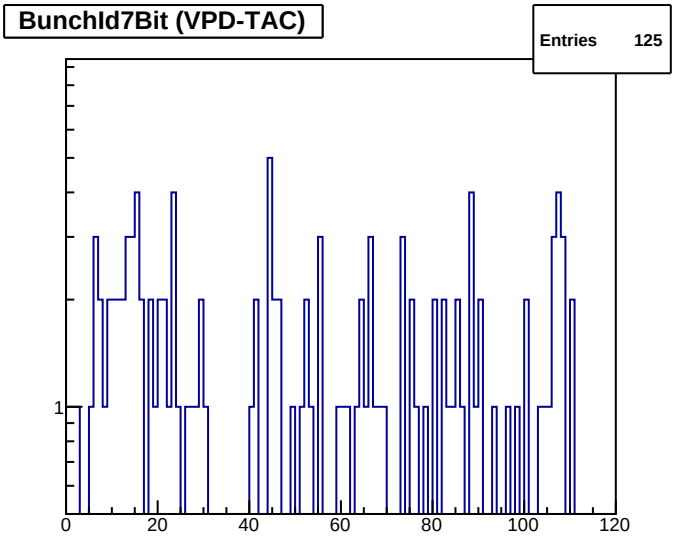


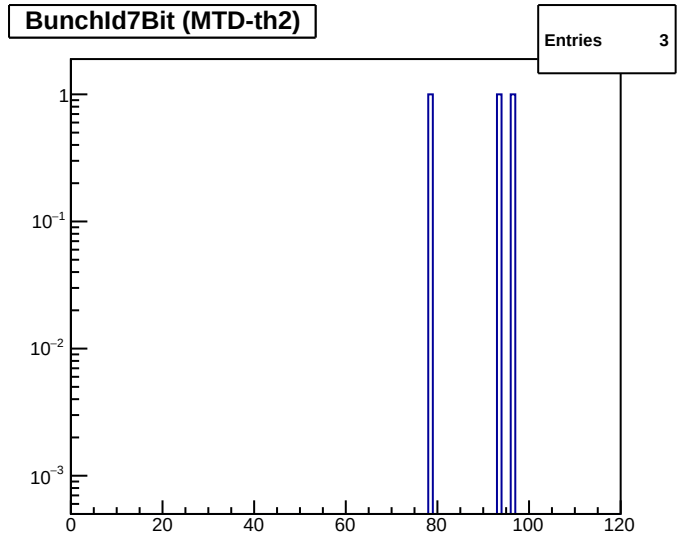

BunchId7Bit (BemcHiTwr-th1)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

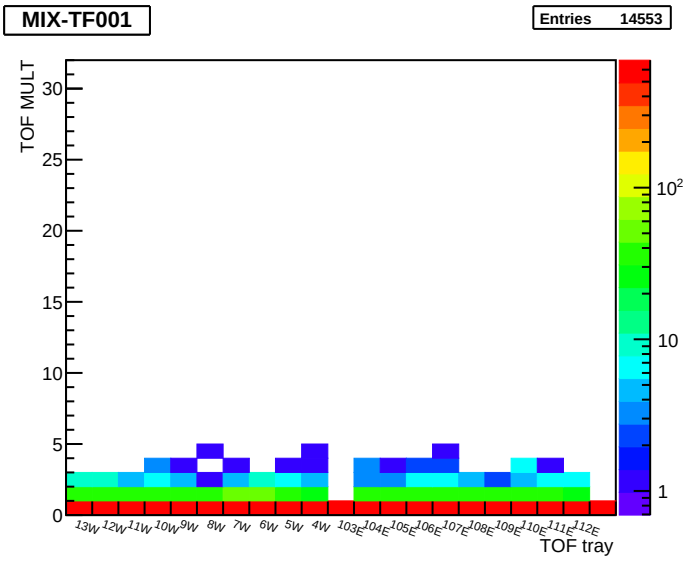

BunchId7Bit (HT UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

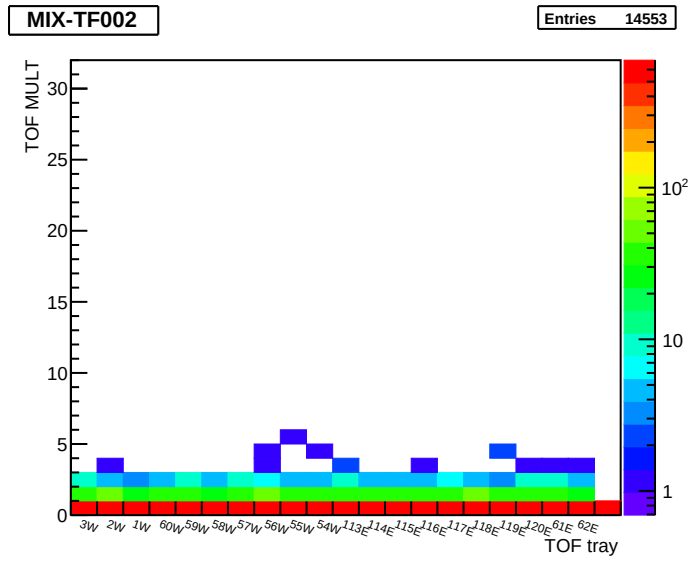

BunchId7Bit (HT.TP UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

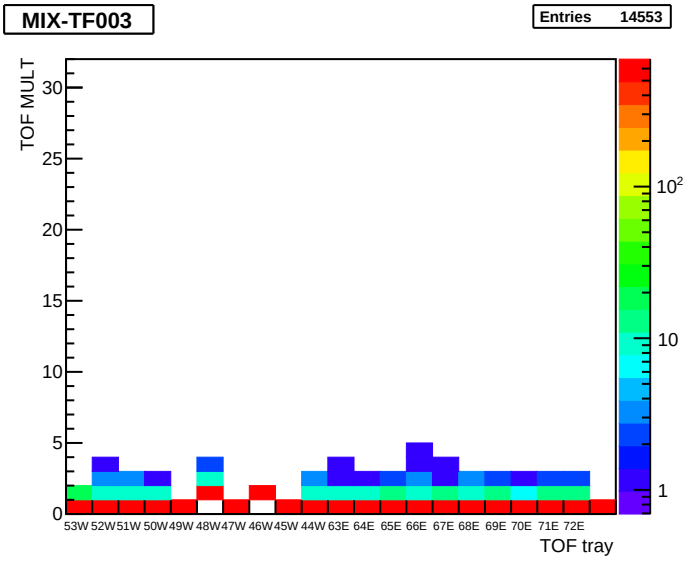

BunchId7Bit (TP UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

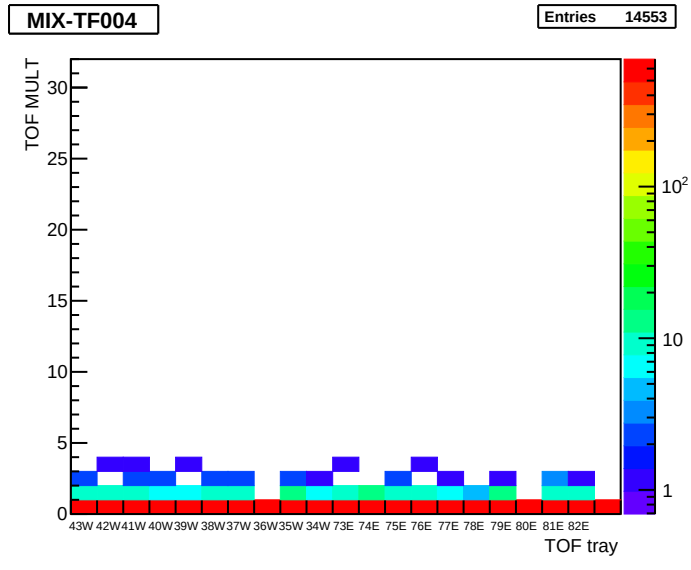

BunchId7Bit (VPD-TAC)
Entries 125
1
0 20 40 60 80 100 120

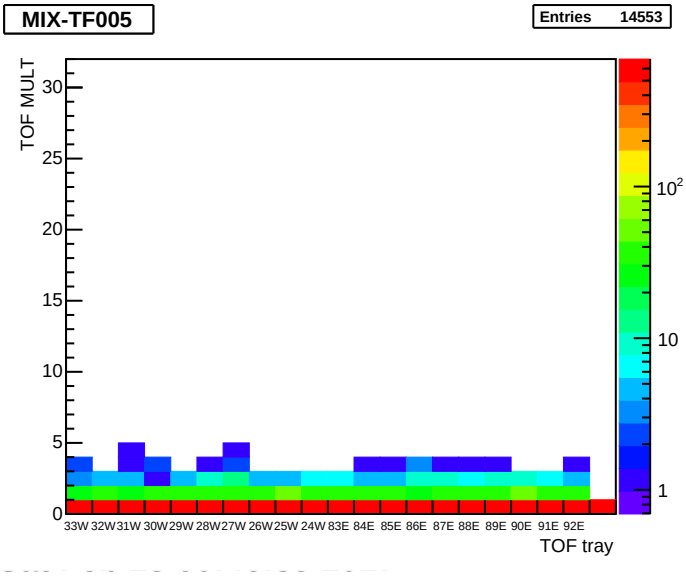

BunchId7Bit (MTD-th2)
Entries 3
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

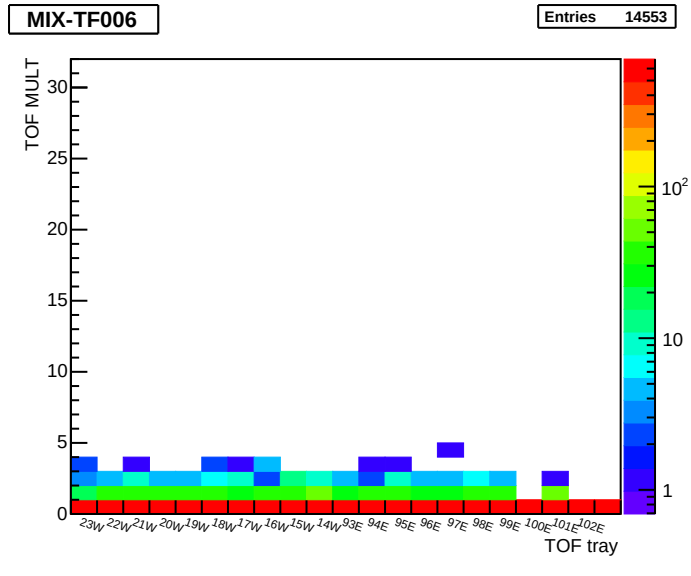

MIX-TF001
Entries 14553
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

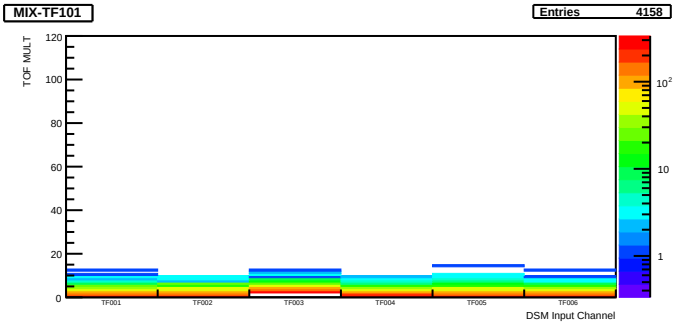

MIX-TF002
Entries 14553
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

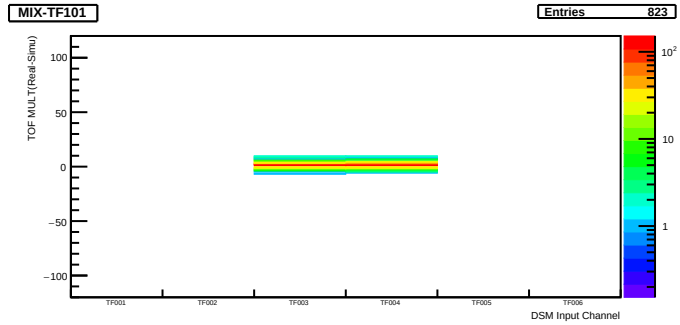

MIX-TF003
Entries 14553
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

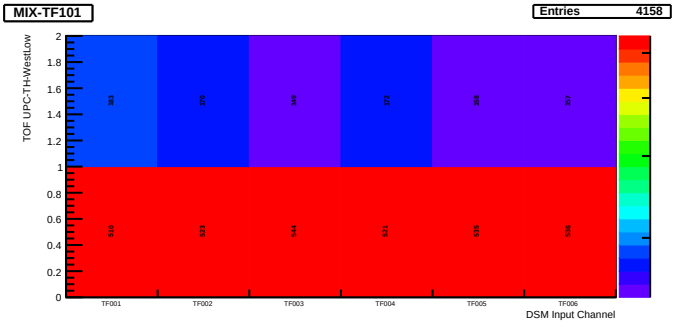

MIX-TF004
Entries 14553
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

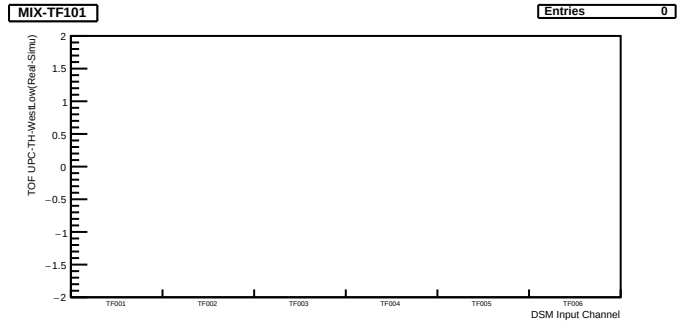

MIX-TF005
Entries 14553
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

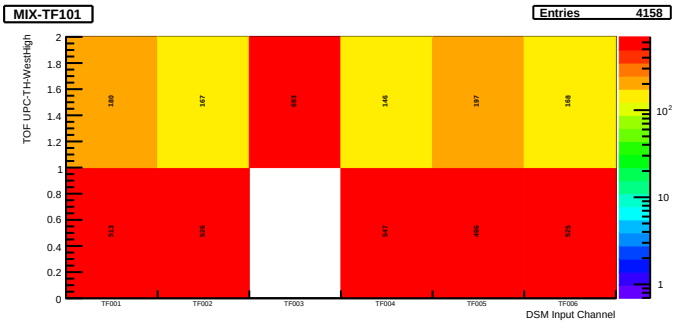

MIX-TF006
Entries 14553
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

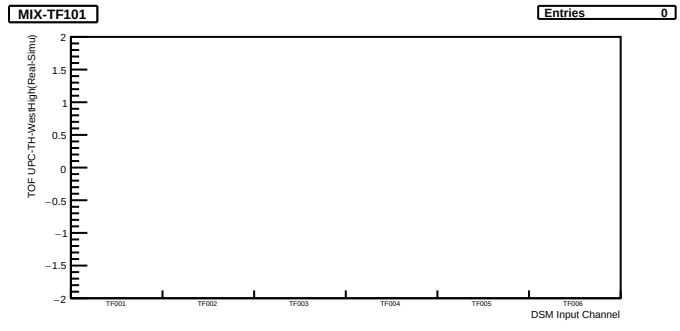

MIX-TF101
Entries 4158
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

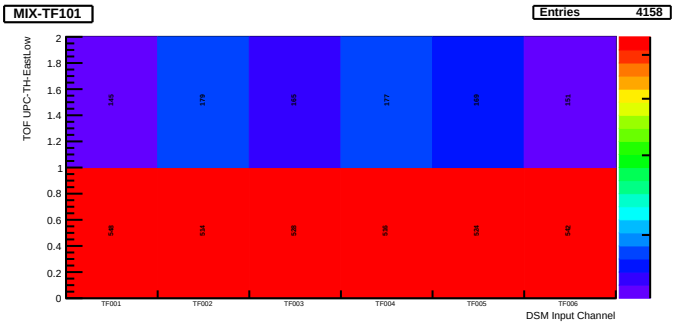

MIX-TF101
Entries 823
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

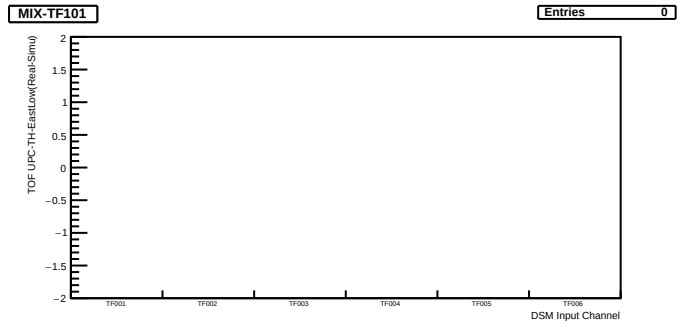

MIX-TF101
Entries 4158
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

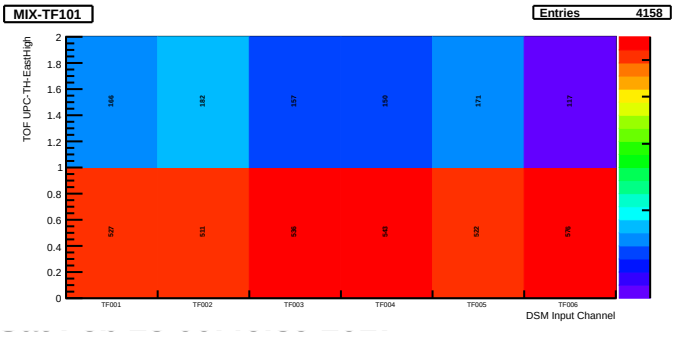

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

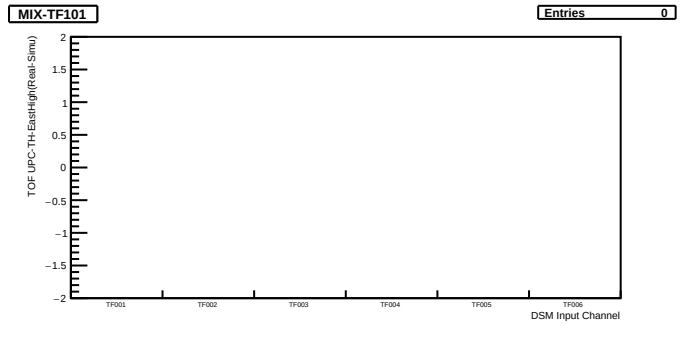

MIX-TF101
Entries 4158
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

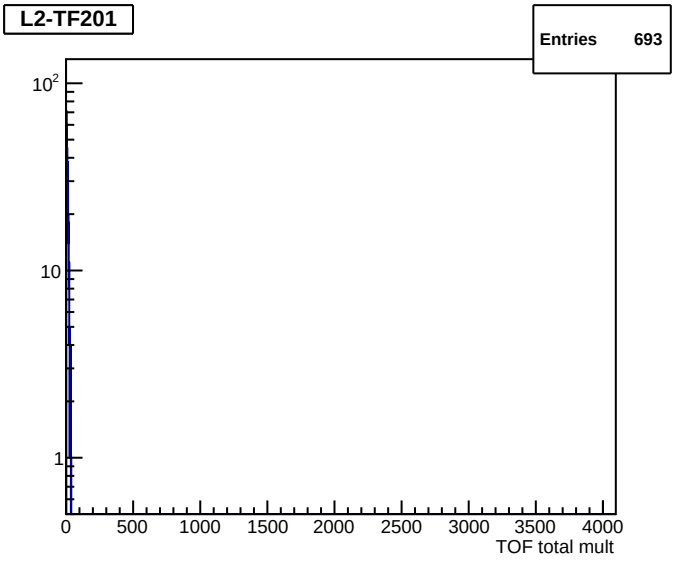

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

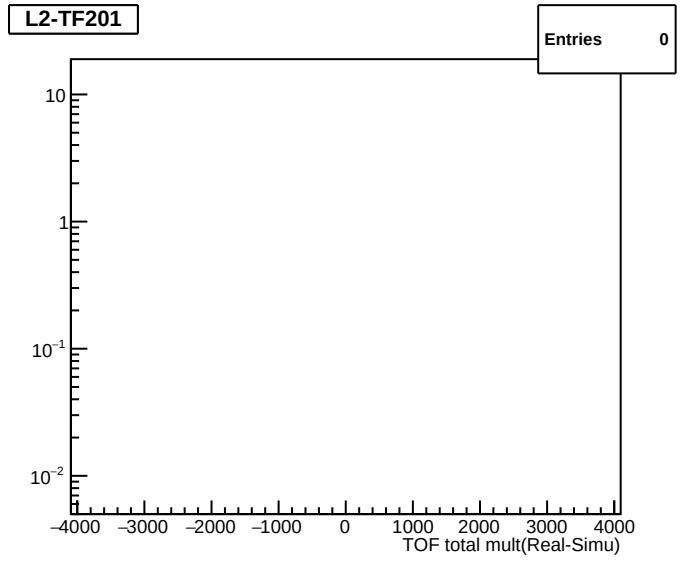

MIX-TF101
Entries 4158
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

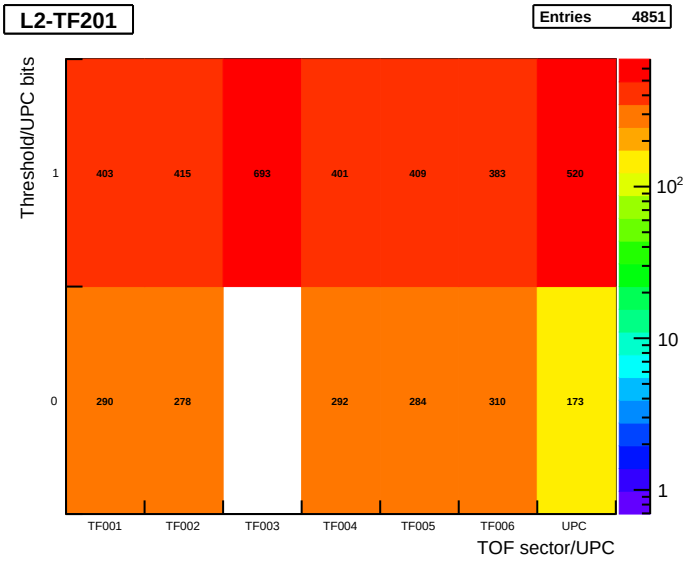

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

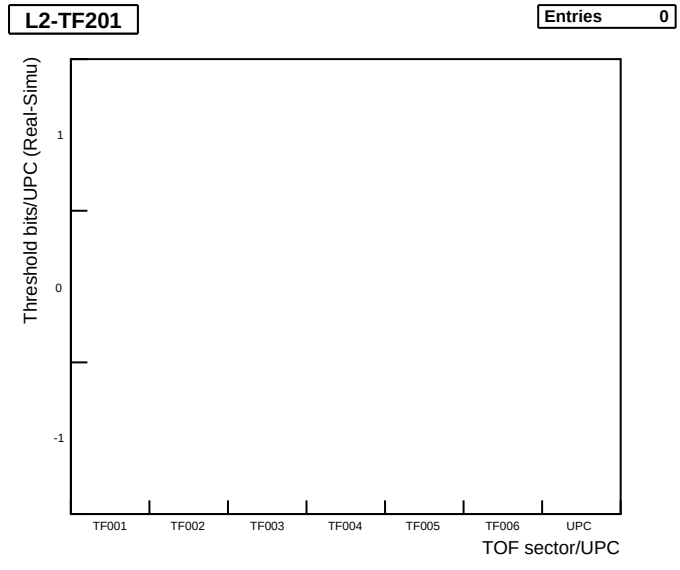

MIX-TF101
Entries 4158
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

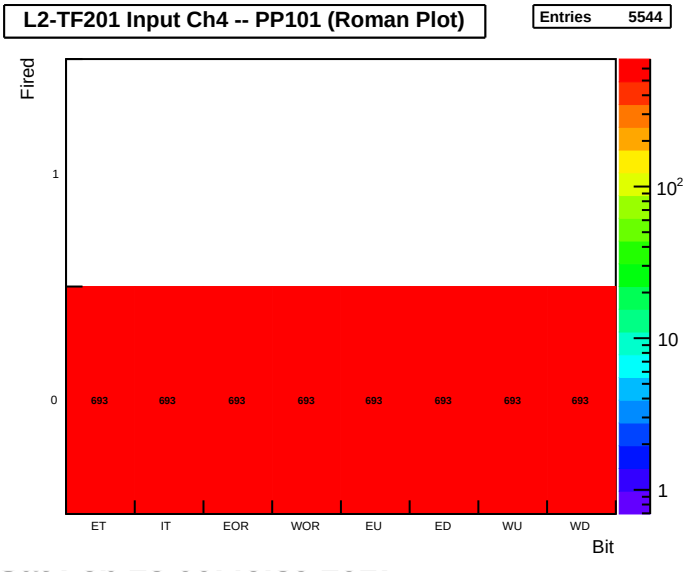

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

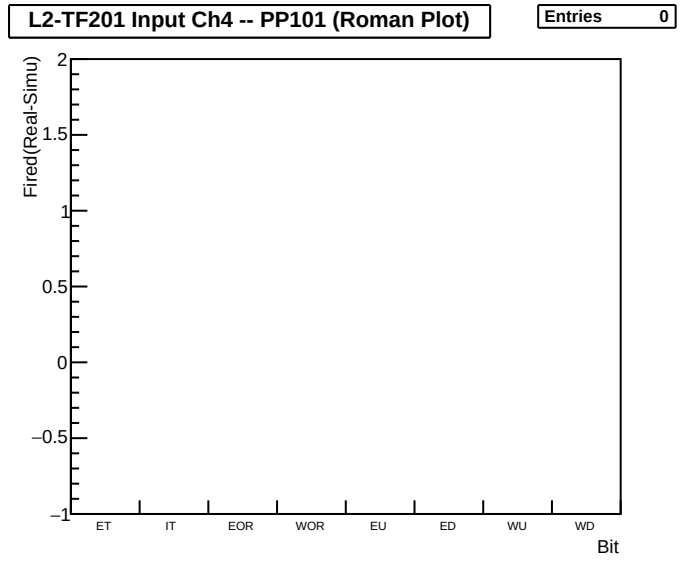

L2-TF201
Entries 693
TOF total mult

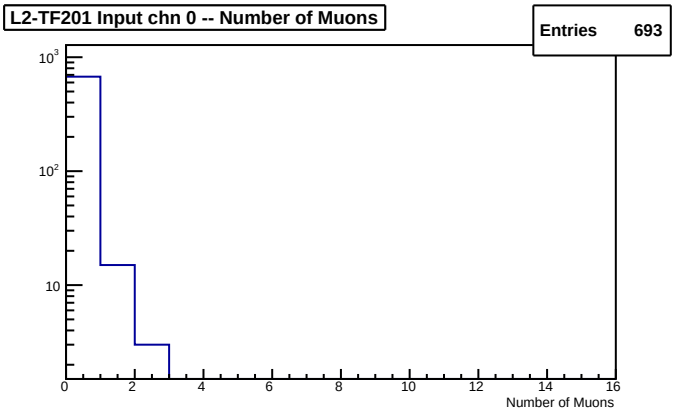

L2-TF201
Entries 0
TOF total mult(Real-Simu)

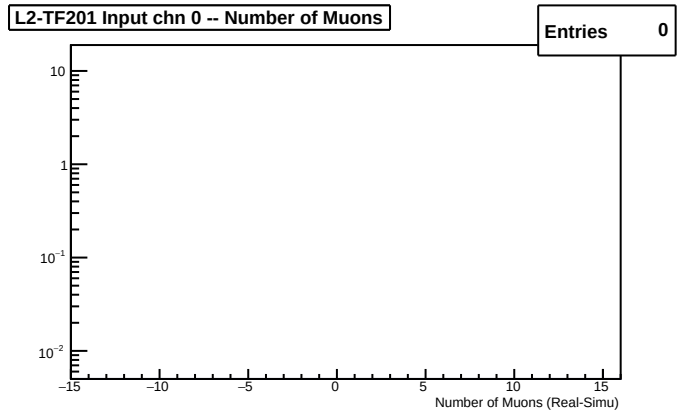

L2-TF201
Entries 4851
Threshold/UPC bits
403 415 693 401 409 383 520
290 278 292 284 310 173
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

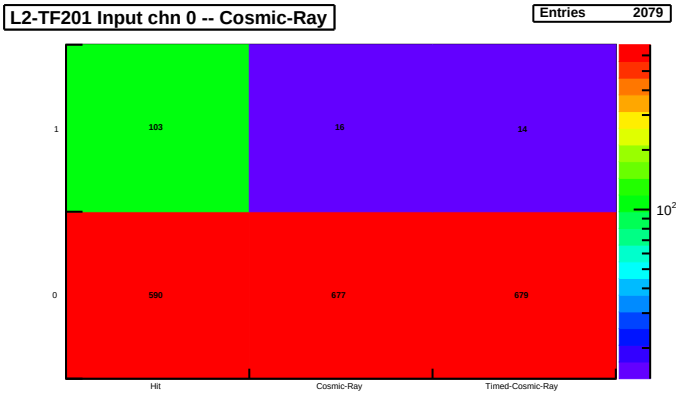

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

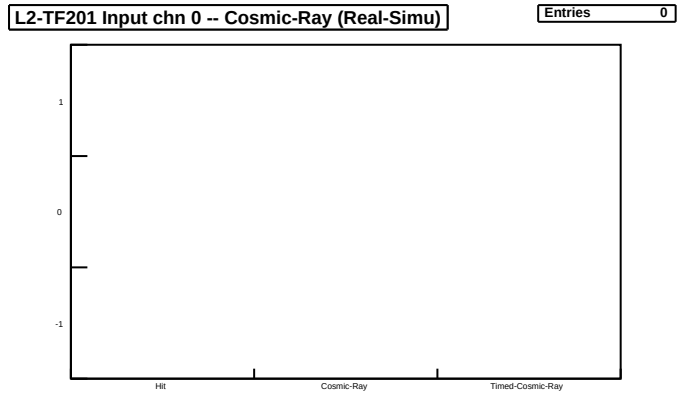

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5544
Fired
693 693 693 693 693 693 693 693
ET IT EOR WOR EU ED WU WD
Bit

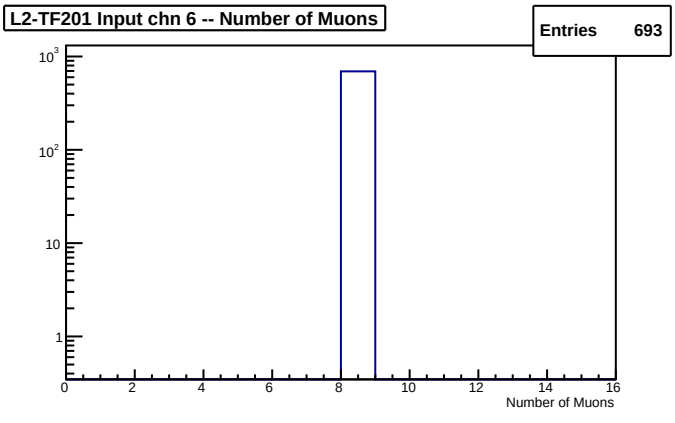

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

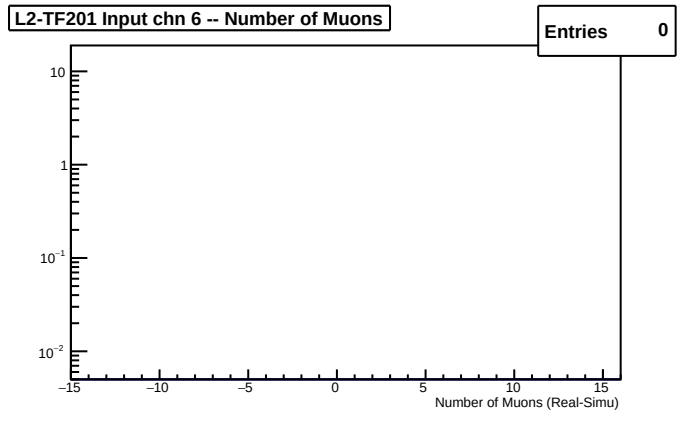

L2-TF201 Input chn 0 -- Number of Muons
Entries 693
Number of Muons

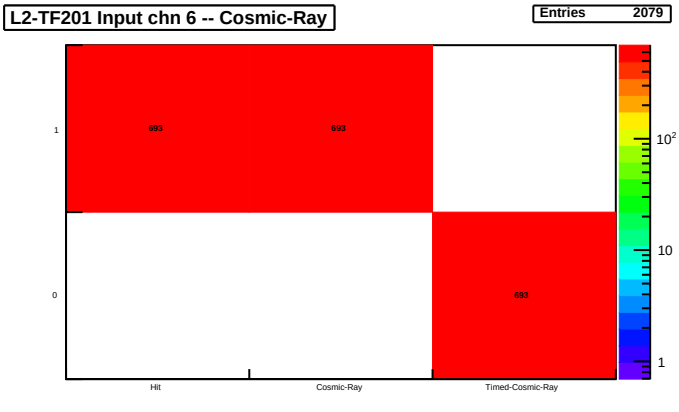

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

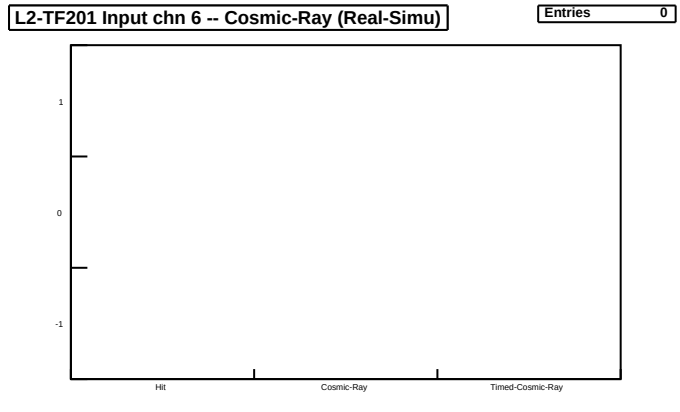

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2079
103
16
14
590
677
679
Hit
Cosmic-Ray
Timed-Cosmic-Ray

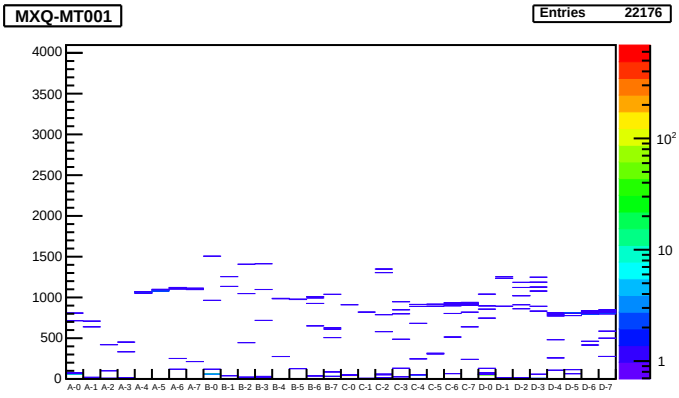

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

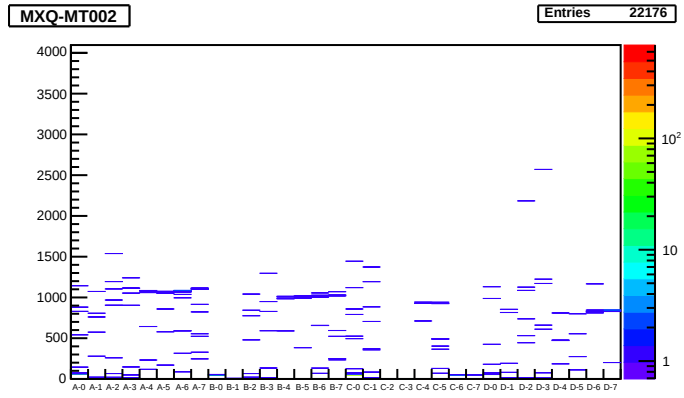

L2-TF201 Input chn 6 -- Number of Muons
Entries 693
Number of Muons

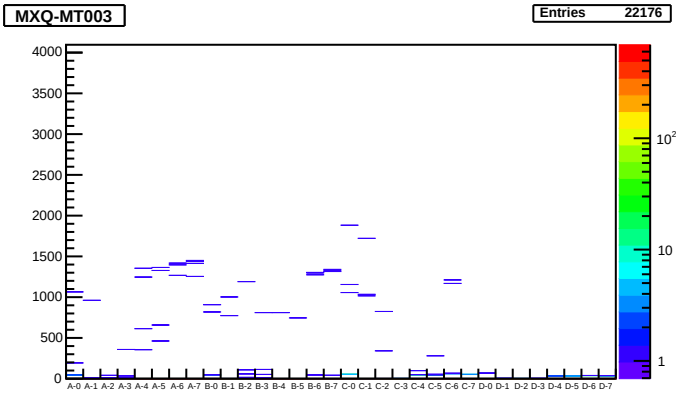

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

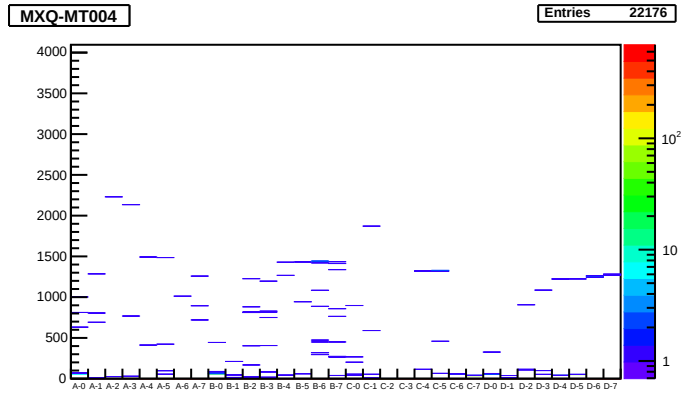

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 2079
693
693
693
Hit
Cosmic-Ray
Timed-Cosmic-Ray

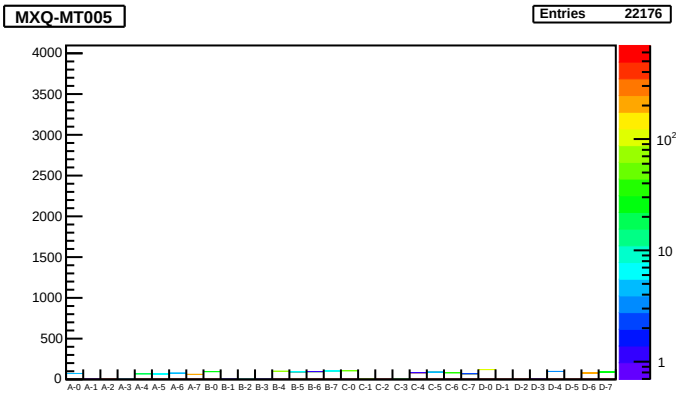

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

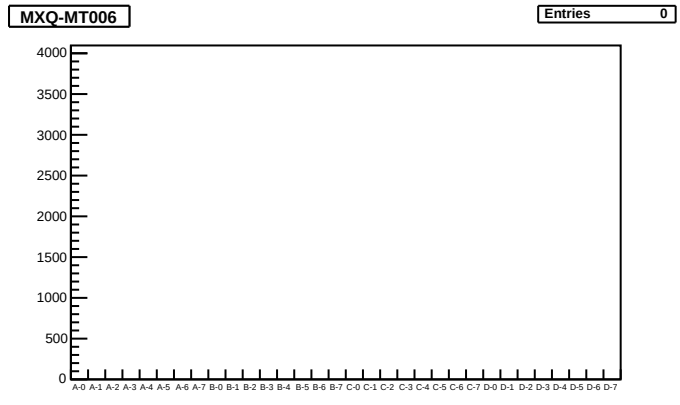

MXQ-MT001
Entries 22176

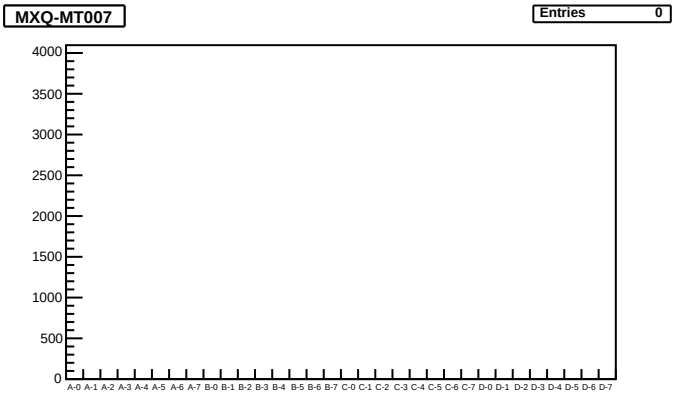

MXQ-MT002
Entries 22176

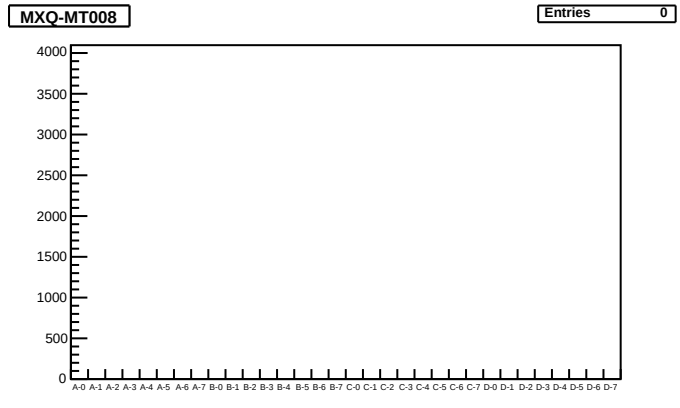

MXQ-MT003
Entries 22176

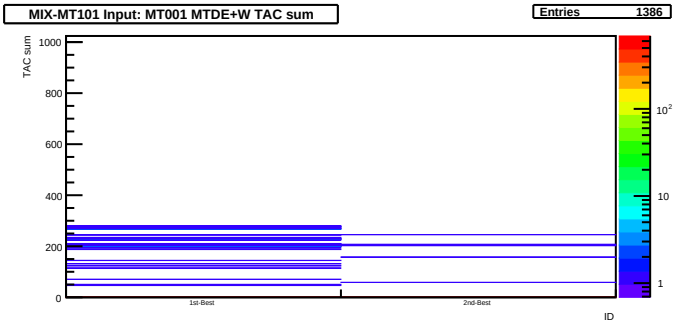

MXQ-MT004
Entries 22176

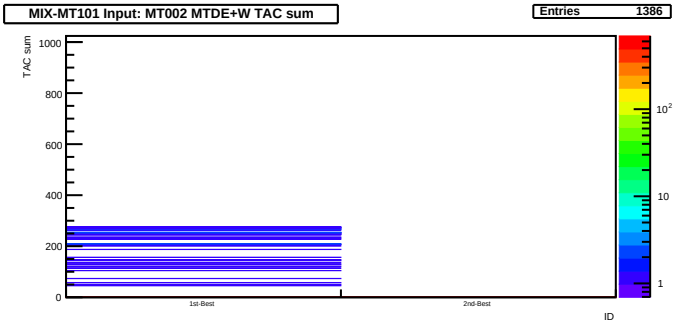

MXQ-MT005
Entries 22176

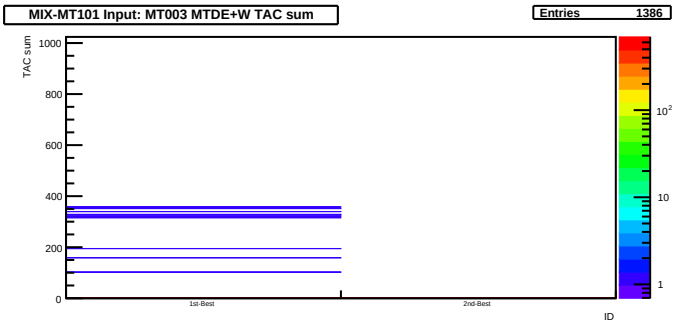

MXQ-MT006
Entries 0

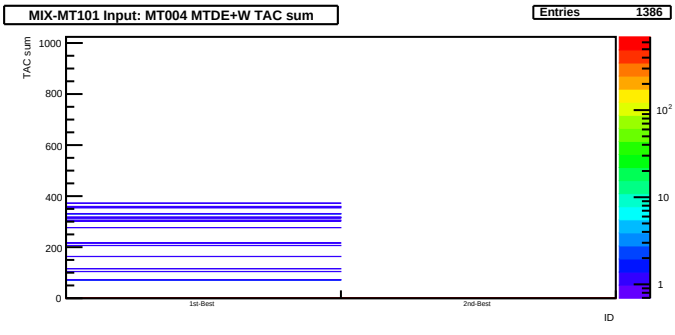

MXQ-MT007
Entries 0

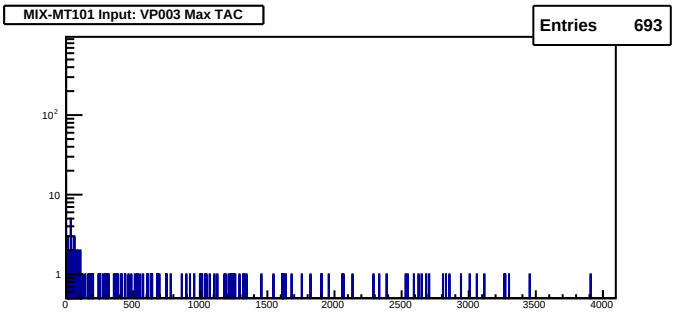

MXQ-MT008
Entries 0

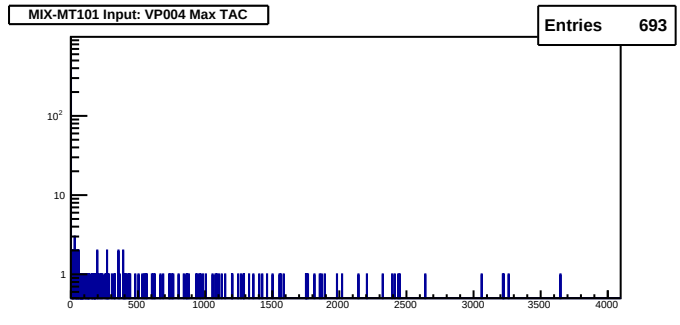

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1386
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

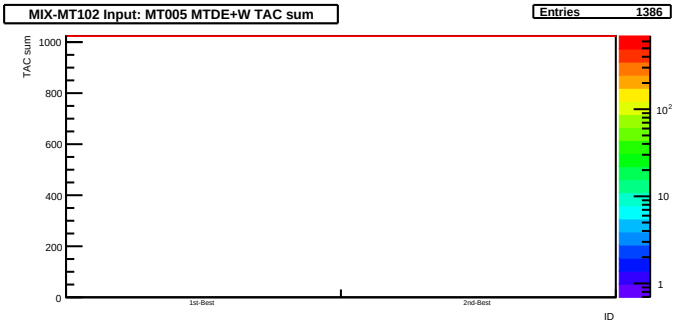

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1386
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

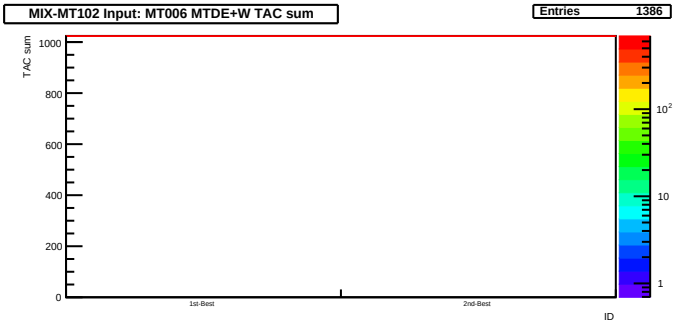

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1386
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

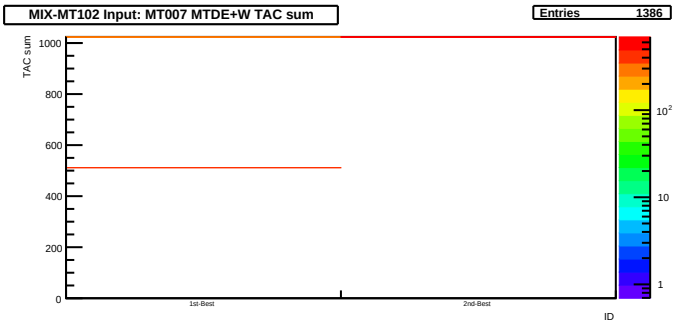

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1386
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

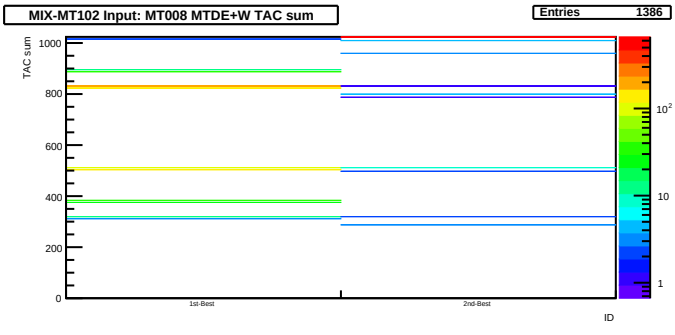

MIX-MT101 Input: VP003 Max TAC
Entries 693
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

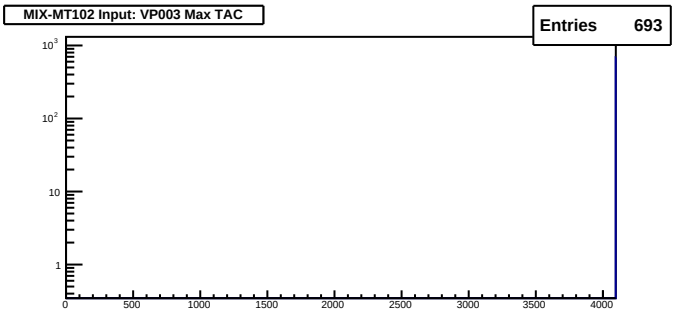

MIX-MT101 Input: VP004 Max TAC
Entries 693
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

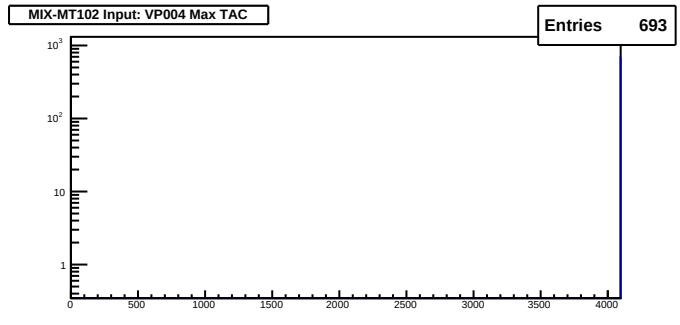

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1386
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

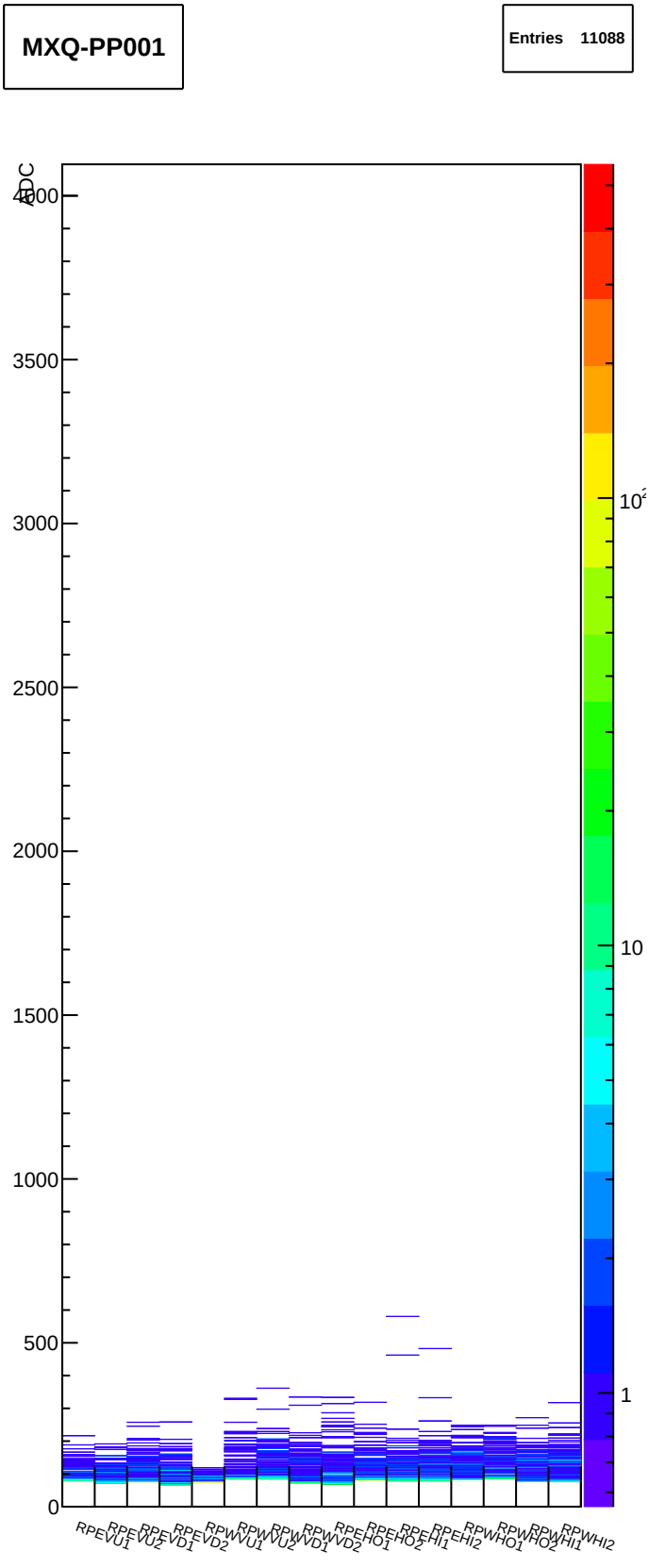

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1386
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

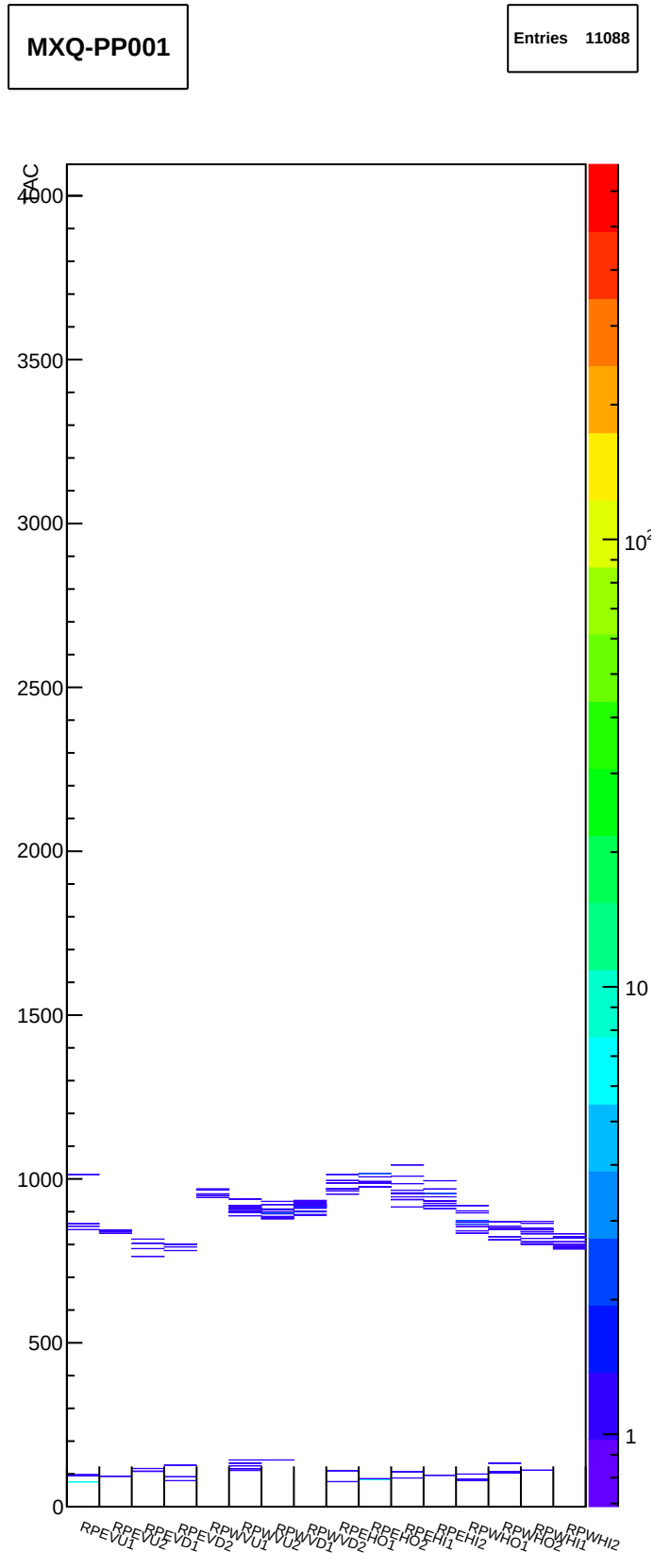

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1386
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

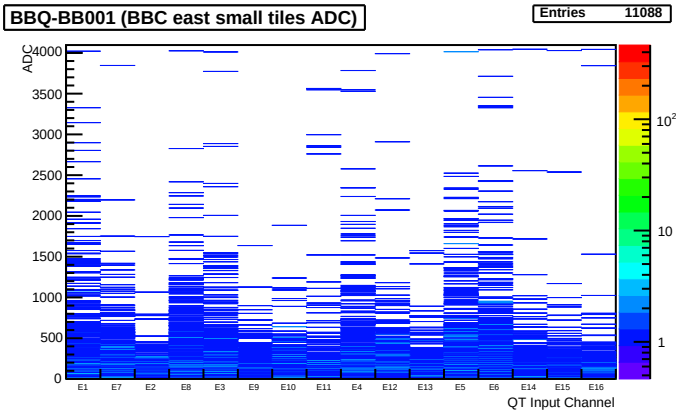

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1386
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

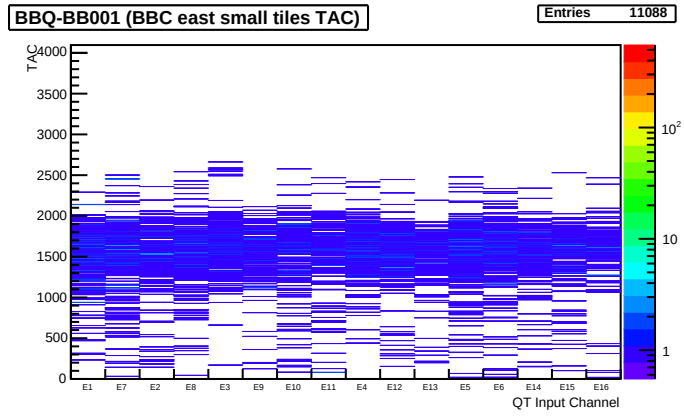

MIX-MT102 Input: VP003 Max TAC
Entries 693
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

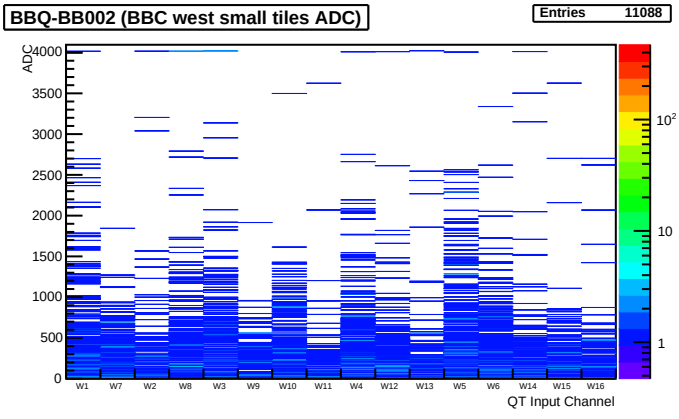

MIX-MT102 Input: VP004 Max TAC
Entries 693
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

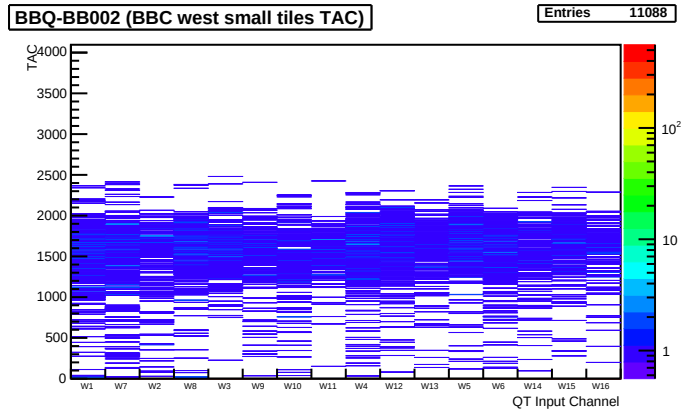

MXQ-PP001
Entries 11088
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10²
10
1

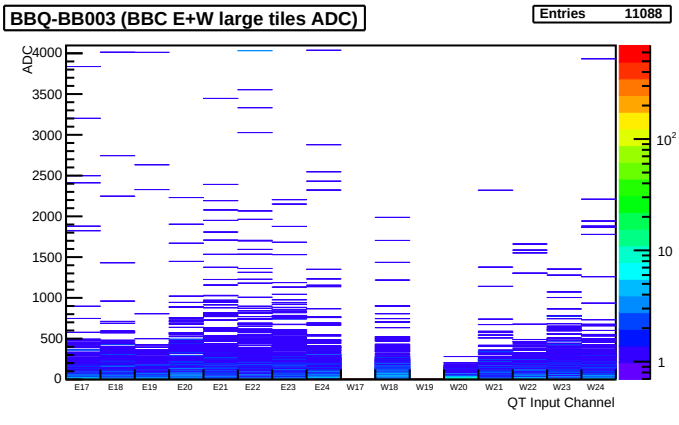

MXQ-PP001
Entries 11088
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10²
10
1

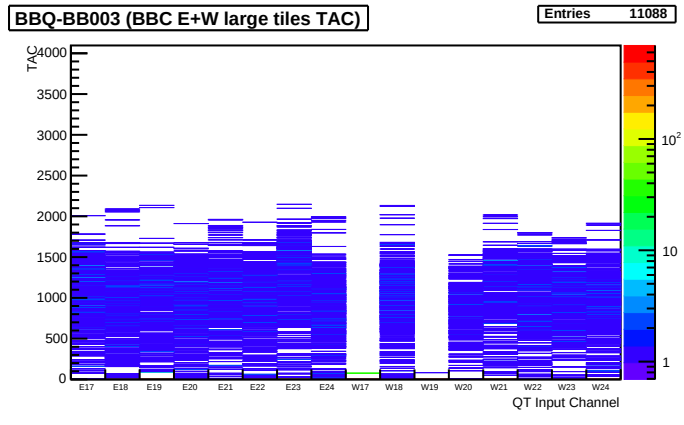

BBQ-BB001 (BBC east small tiles ADC)
Entries 11088
ADC
QT Input Channel

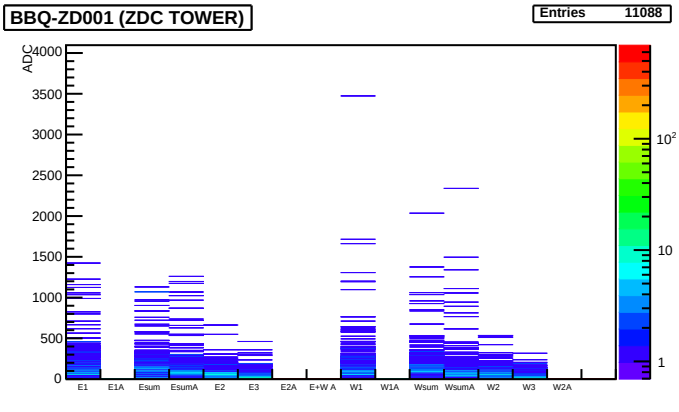

BBQ-BB001 (BBC east small tiles TAC)
Entries 11088
TAC
QT Input Channel

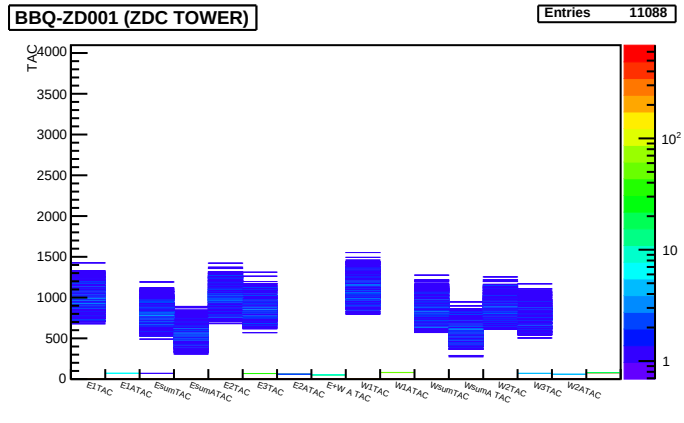

BBQ-BB002 (BBC west small tiles ADC)
Entries 11088
ADC
QT Input Channel

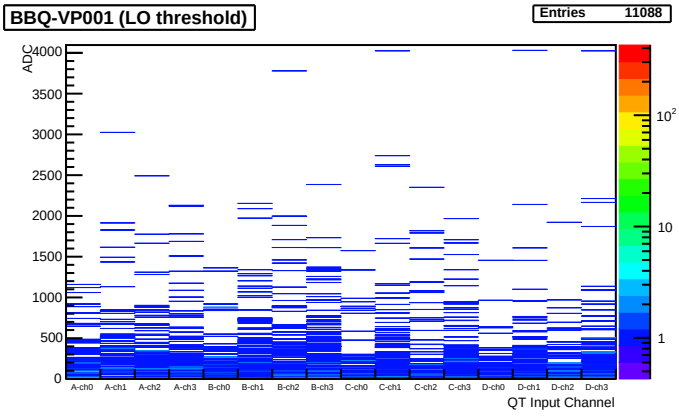

BBQ-BB002 (BBC west small tiles TAC)
Entries 11088
TAC
QT Input Channel

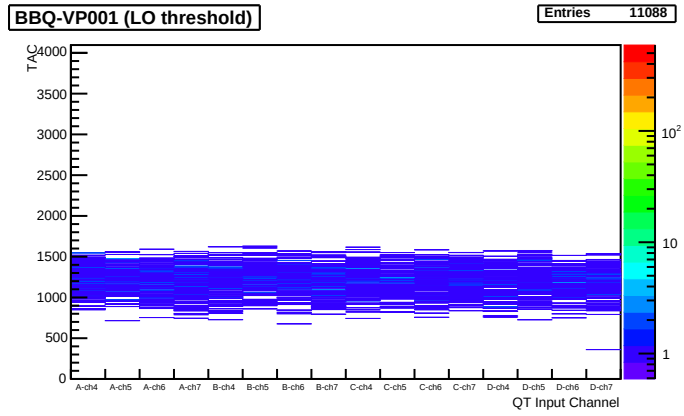

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 11088
ADC
QT Input Channel

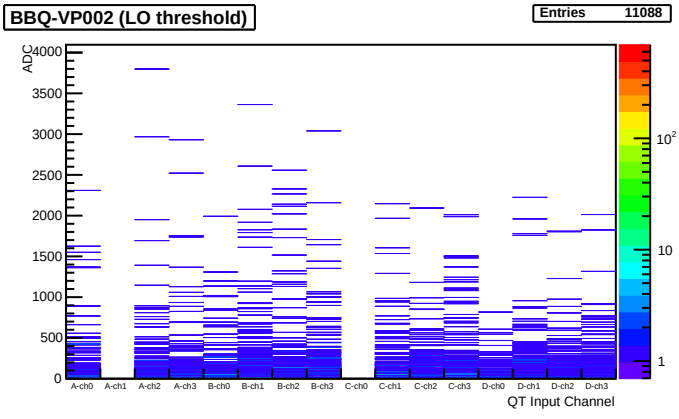

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 11088
TAC
QT Input Channel

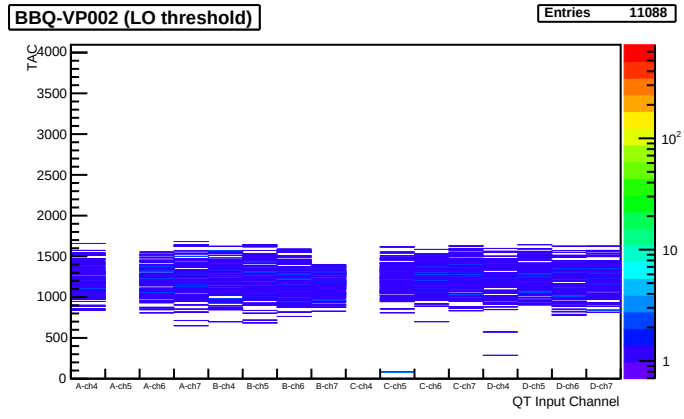

BBQ-ZD001 (ZDC TOWER)
Entries 11088
ADC

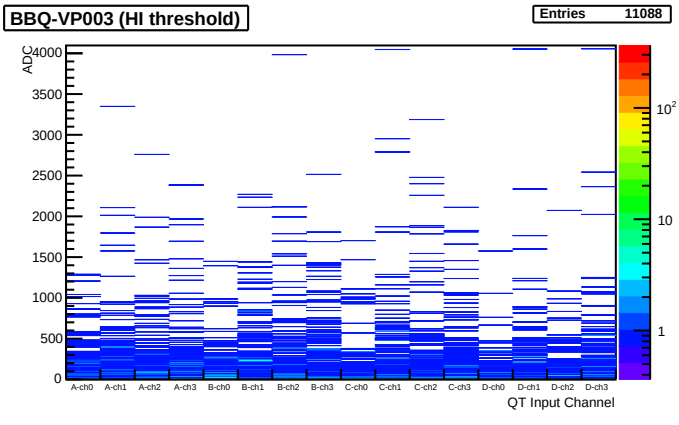

BBQ-ZD001 (ZDC TOWER)
Entries 11088
TAC

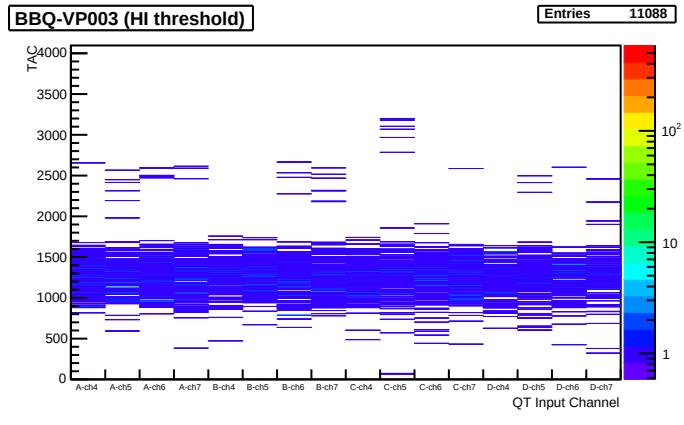

BBQ-VP001 (LO threshold)
Entries 11088
ADC
QT Input Channel

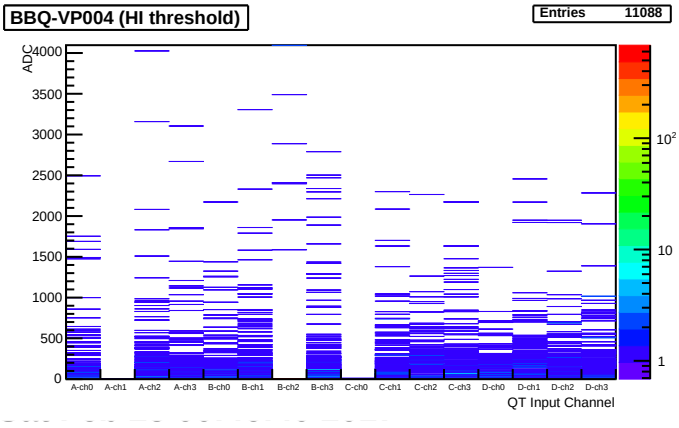

BBQ-VP001 (LO threshold)
Entries 11088
TAC
QT Input Channel

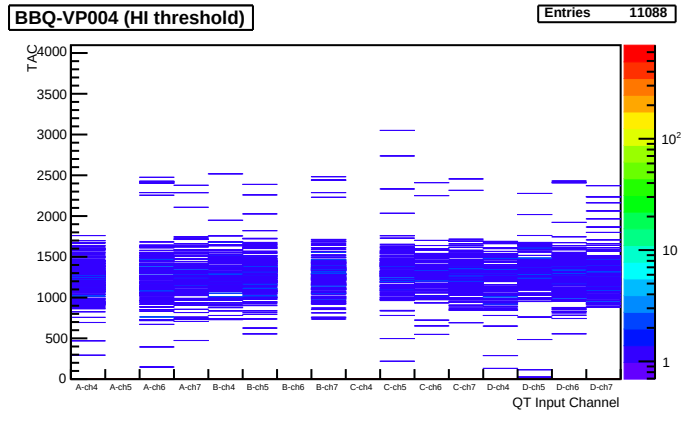

BBQ-VP002 (LO threshold)
Entries 11088
ADC
QT Input Channel

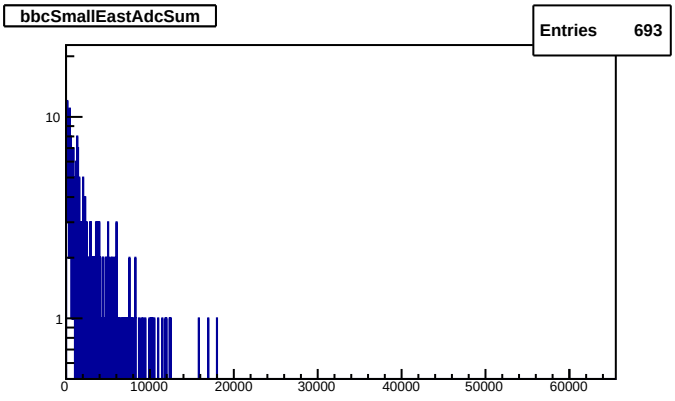

BBQ-VP002 (LO threshold)
Entries 11088
TAC
QT Input Channel

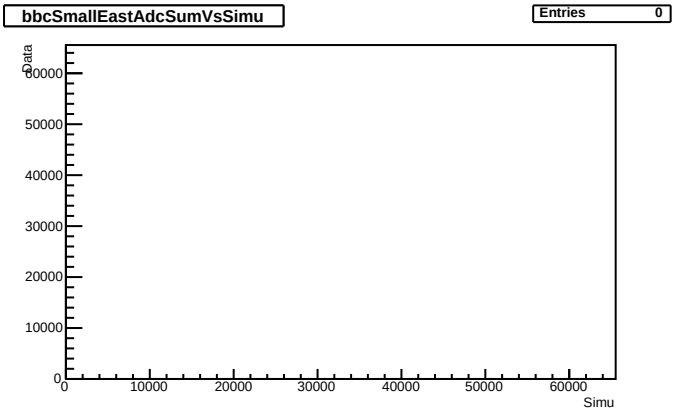

BBQ-VP003 (HI threshold)
Entries 11088
ADC
QT Input Channel

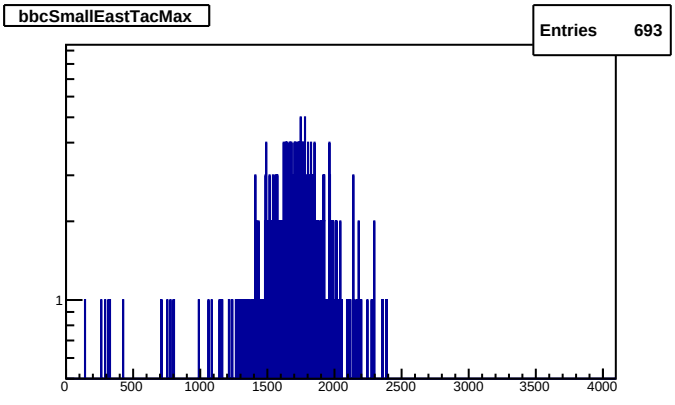

BBQ-VP003 (HI threshold)
Entries 11088
TAC
QT Input Channel

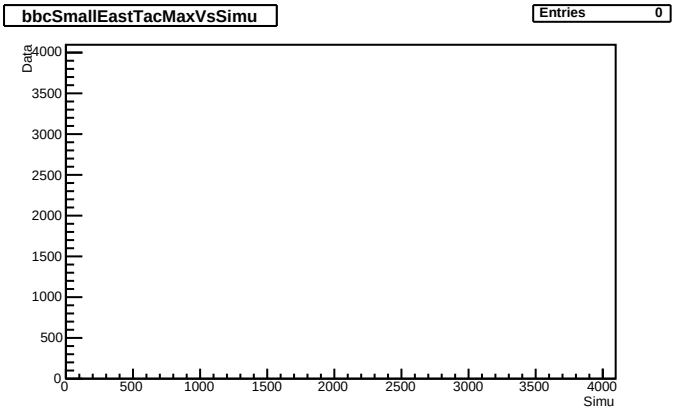

BBQ-VP004 (HI threshold)
Entries 11088
ADC
QT Input Channel

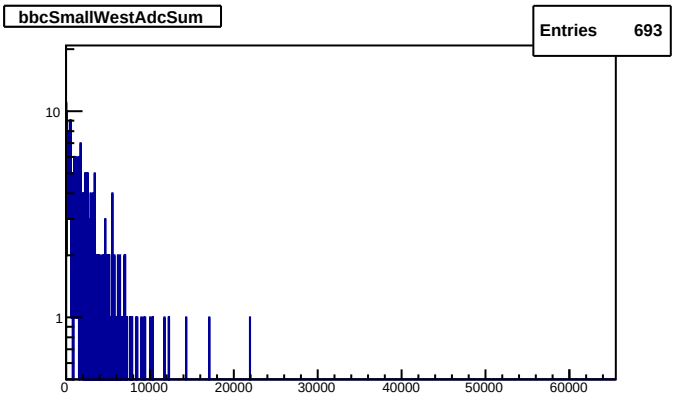

BBQ-VP004 (HI threshold)
Entries 11088
TAC
QT Input Channel

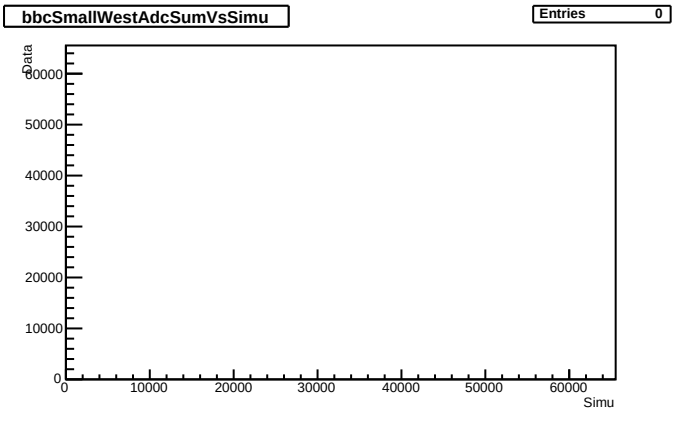

bbcSmallEastAdcSum
Entries 693
10
1
0
10000
20000
30000
40000
50000
60000

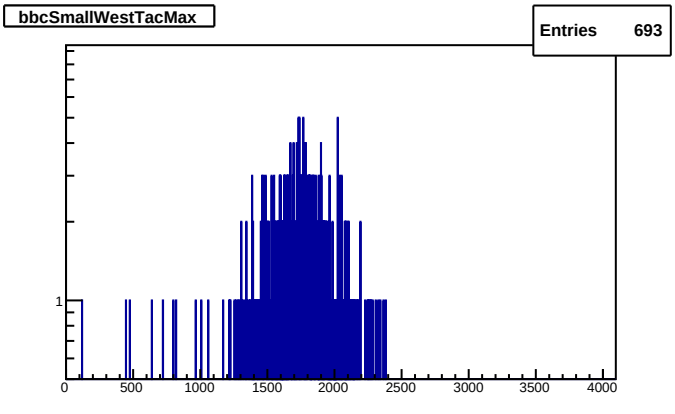

bbcSmallEastAdcSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0
10000
20000
30000
40000
50000
60000
Simu

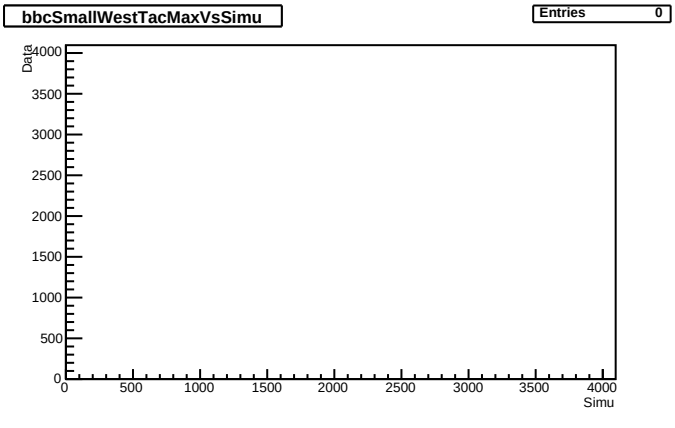

bbcSmallEastTacMax
Entries 693
1
0
500
1000
1500
2000
2500
3000
3500
4000

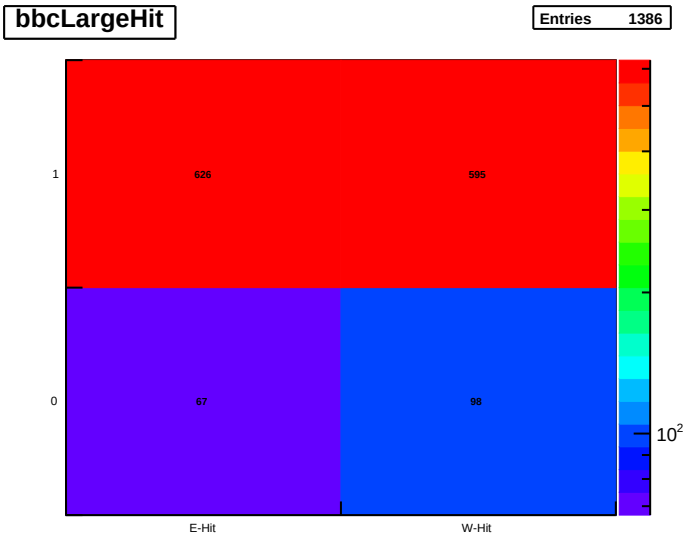

bbcSmallEastTacMaxVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0
500
1000
1500
2000
2500
3000
3500
4000
Simu

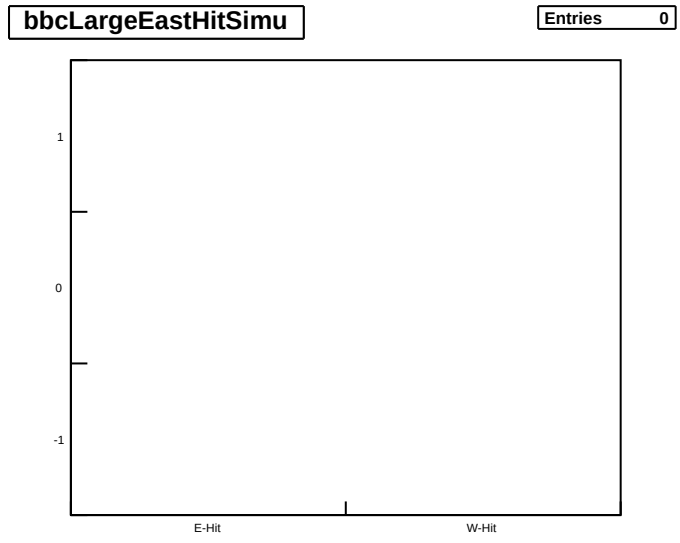

bbcSmallWestAdcSum
Entries 693
10
1
0
10000
20000
30000
40000
50000
60000

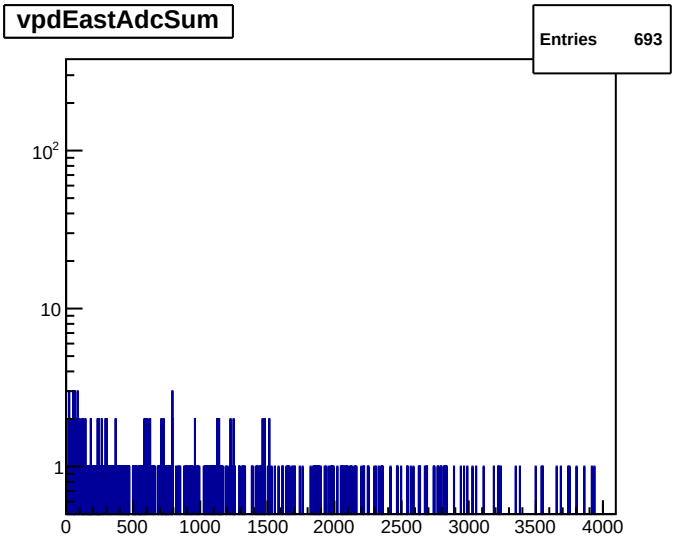

bbcSmallWestAdcSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0
10000
20000
30000
40000
50000
60000
Simu

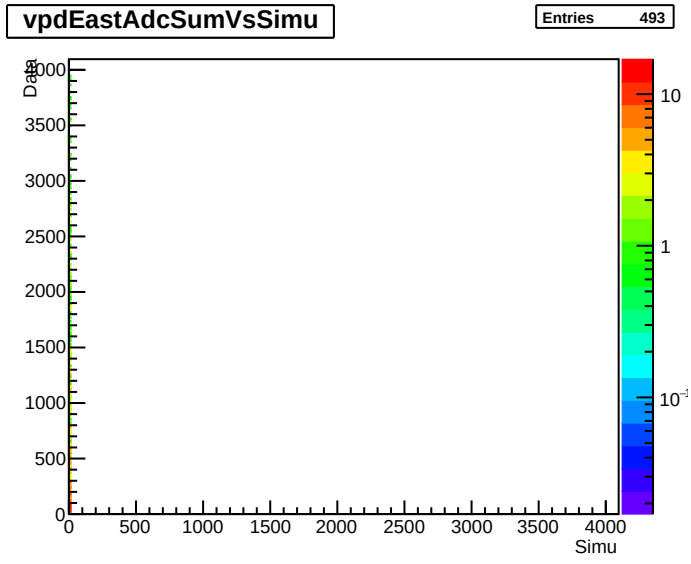

bbcSmallWestTacMax
Entries 693
1
0
500
1000
1500
2000
2500
3000
3500
4000

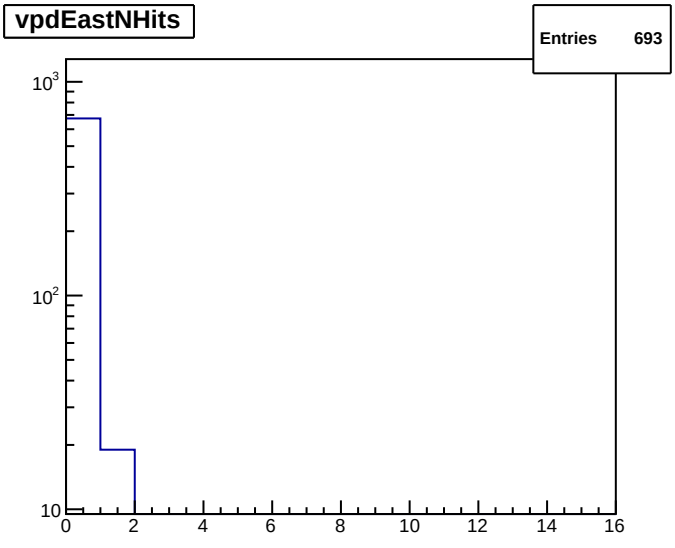

bbcSmallWestTacMaxVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0
500
1000
1500
2000
2500
3000
3500
4000
Simu

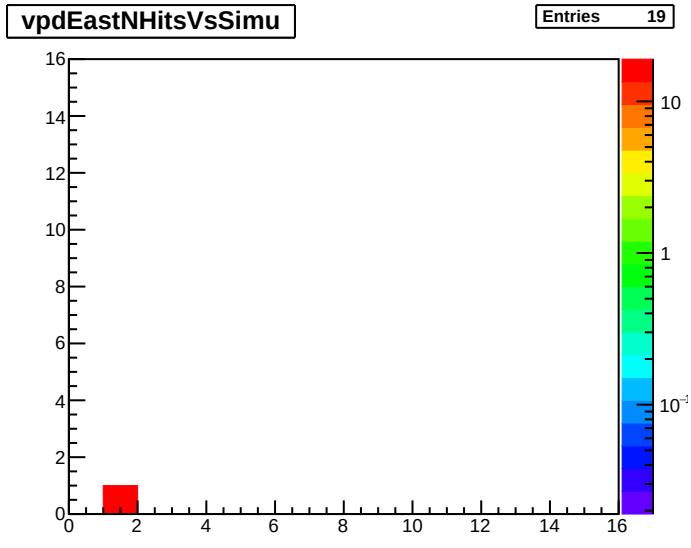

bbcLargeHit
Entries 1386
1
0
626
595
67
98
E-Hit
W-Hit
10^2

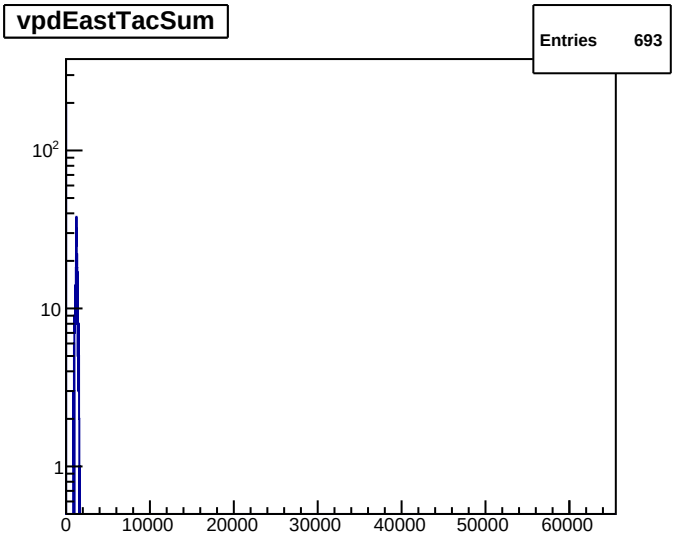

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

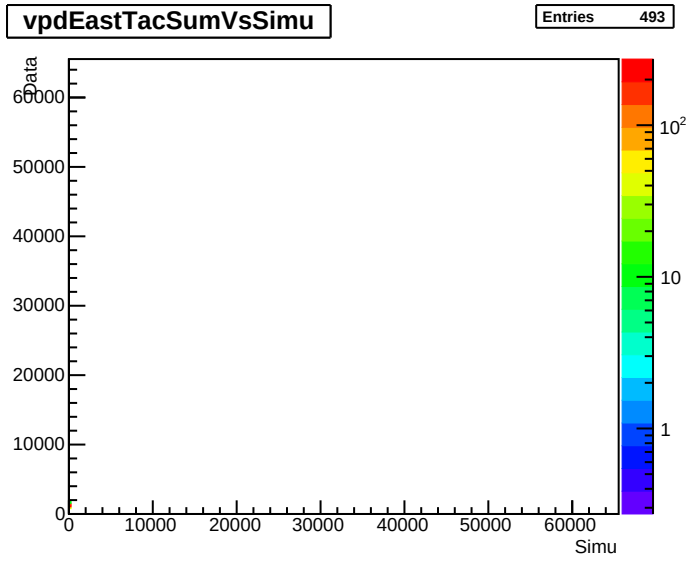

vpdEastAdcSum
Entries 693

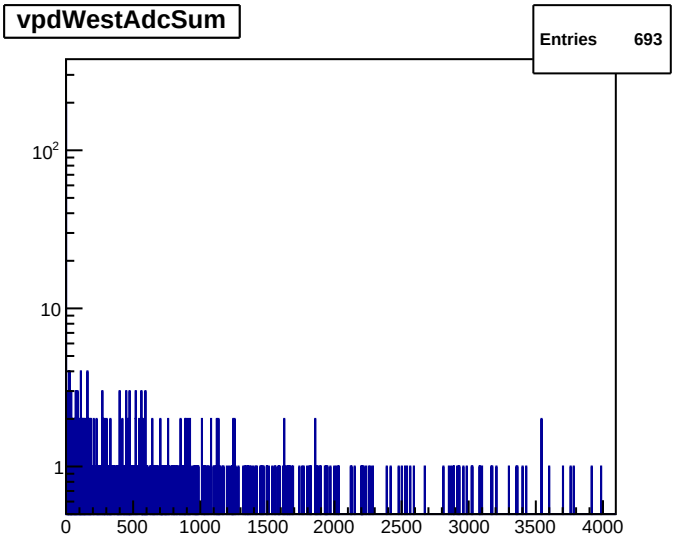

vpdEastAdcSumVsSimu
Entries 493
Data
Simu

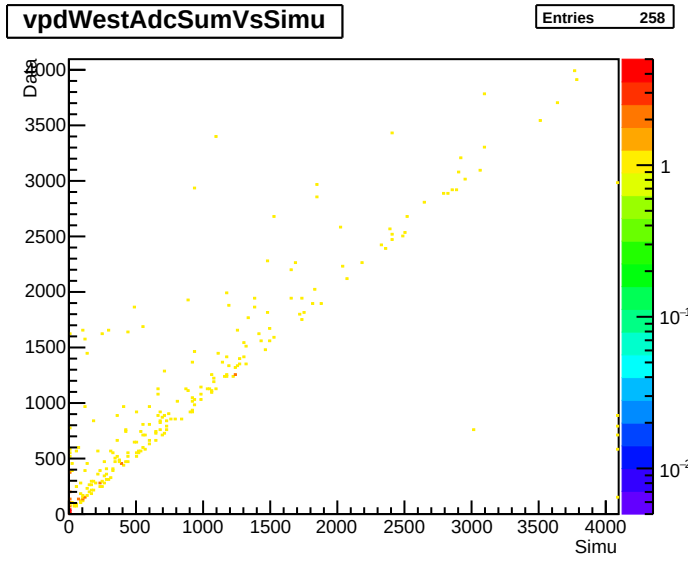

vpdEastNHits
Entries 693

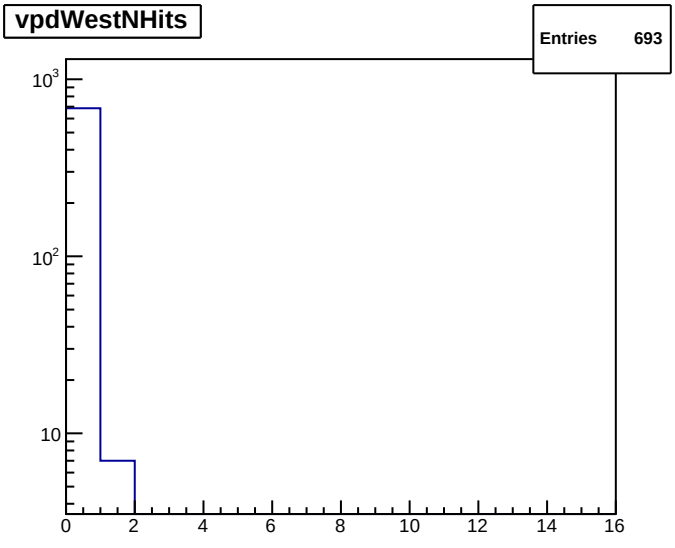

vpdEastNHitsVsSimu
Entries 19

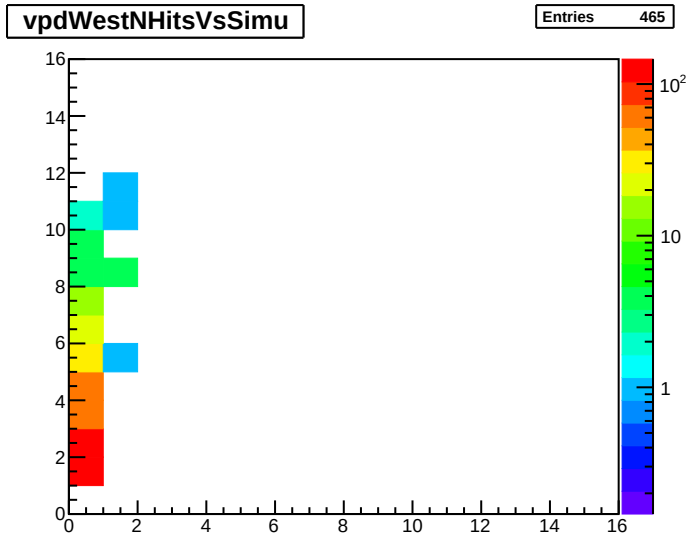

vpdEastTacSum
Entries 693

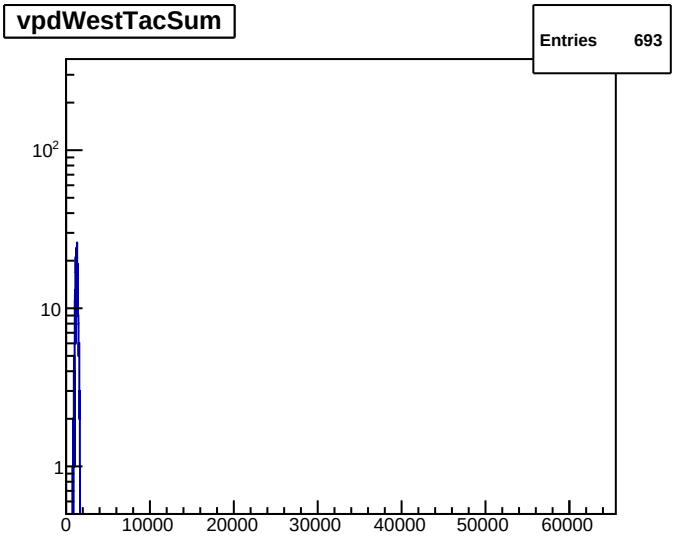

vpdEastTacSumVsSimu
Entries 493
Data
Simu

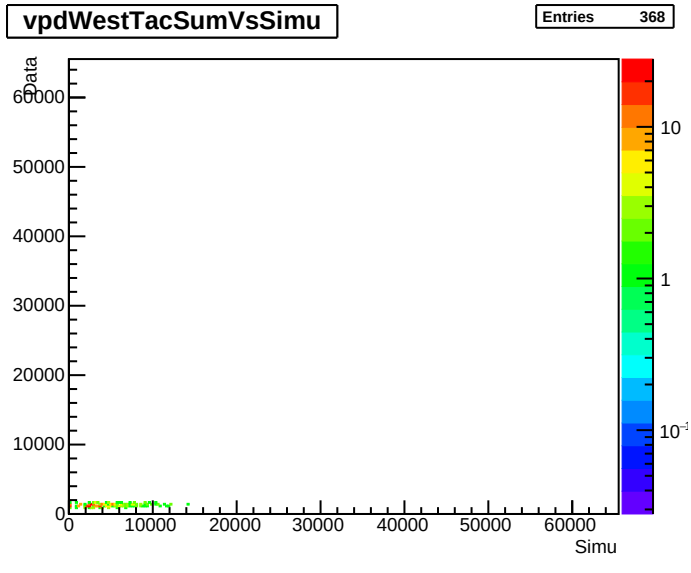

vpdWestAdcSum
Entries 693

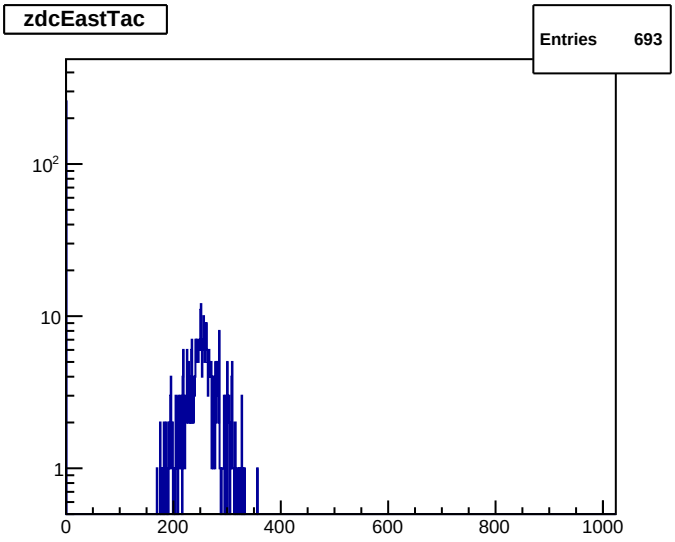

vpdWestAdcSumVsSimu
Entries 258
Data
Simu

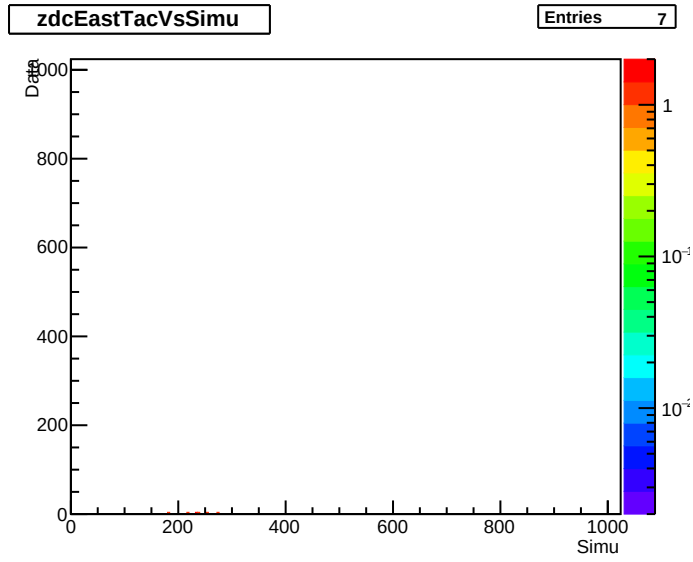

vpdWestNHits
Entries 693

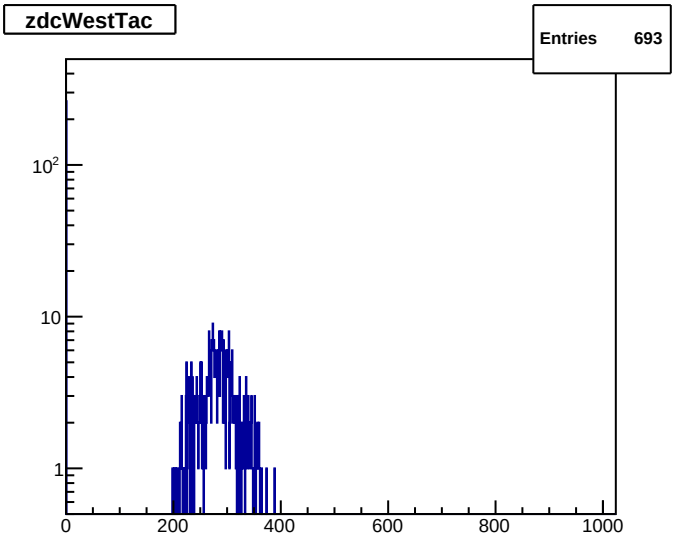

vpdWestNHitsVsSimu
Entries 465

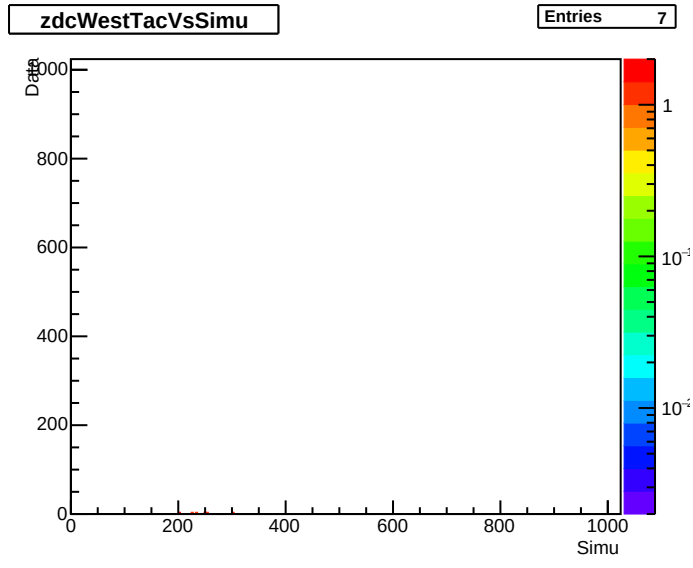

vpdWestTacSum
Entries 693

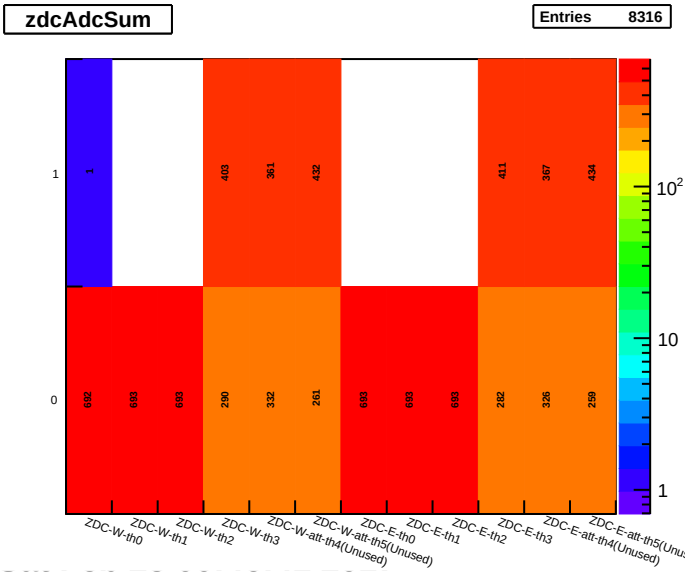

vpdWestTacSumVsSimu
Entries 368
Data
Simu

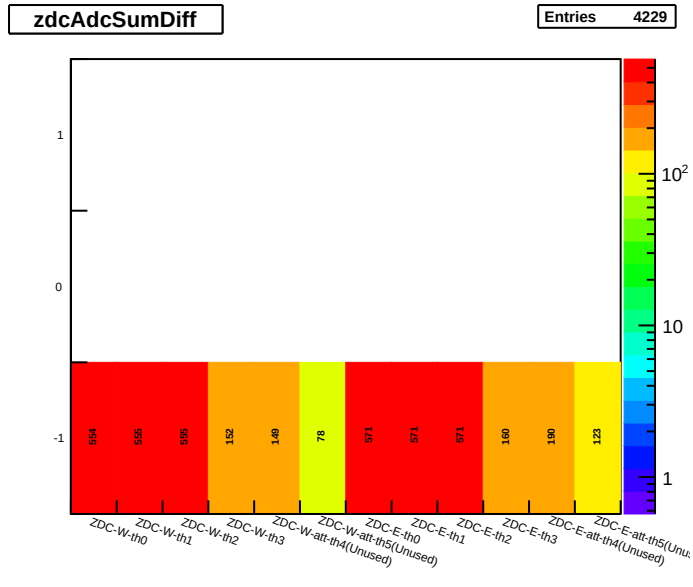

zdcEastTac
Entries 693
10^2
10
1
0
200
400
600
800
1000

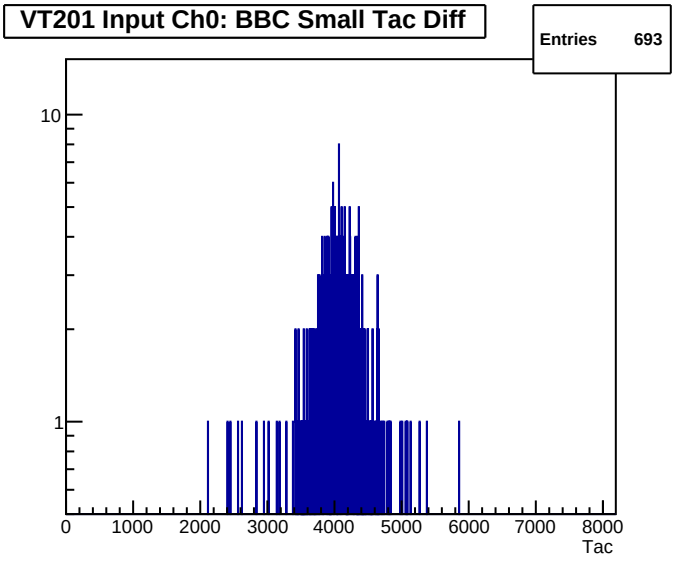

zdcEastTacVsSimu
Entries 7
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu
1

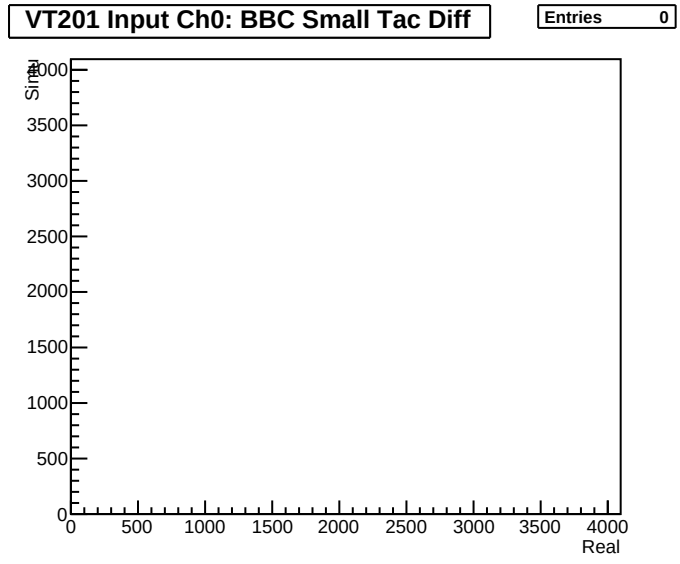

zdcWestTac
Entries 693
10^2
10
1
0
200
400
600
800
1000

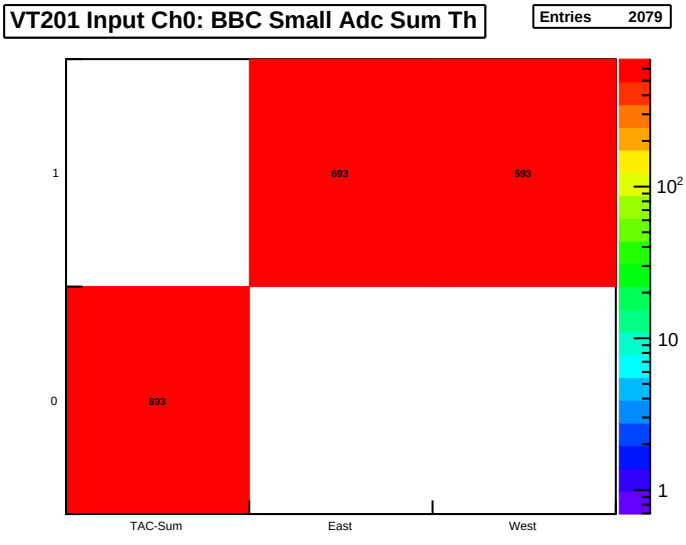

zdcWestTacVsSimu
Entries 7
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu
1

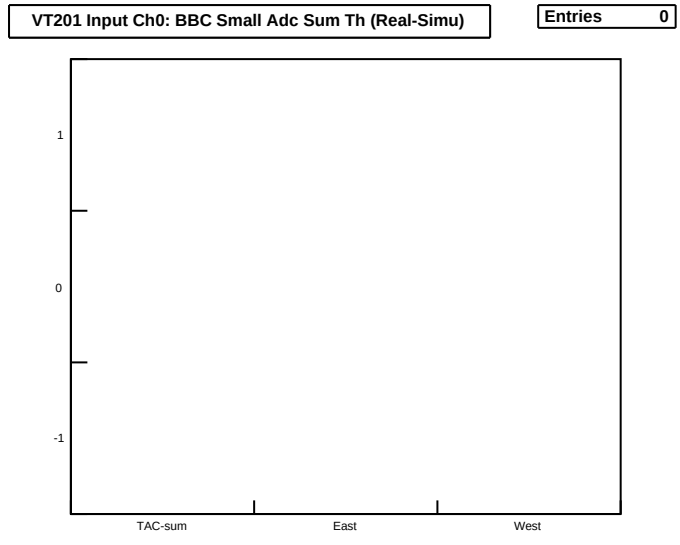

zdcAdcSum
Entries 8316
1
0
1
403
361
432
411
367
434
692
693
693
290
332
261
693
693
693
282
326
259
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

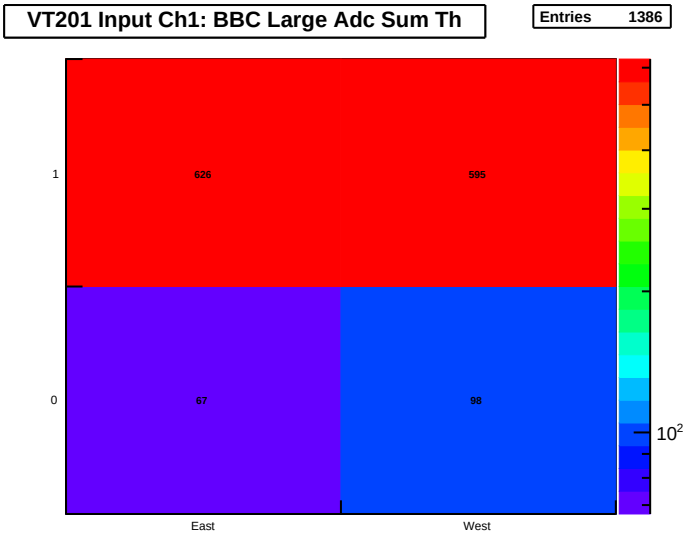

zdcAdcSumDiff
Entries 4229
1
0
-1
554
555
555
152
149
78
571
571
571
160
190
123
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

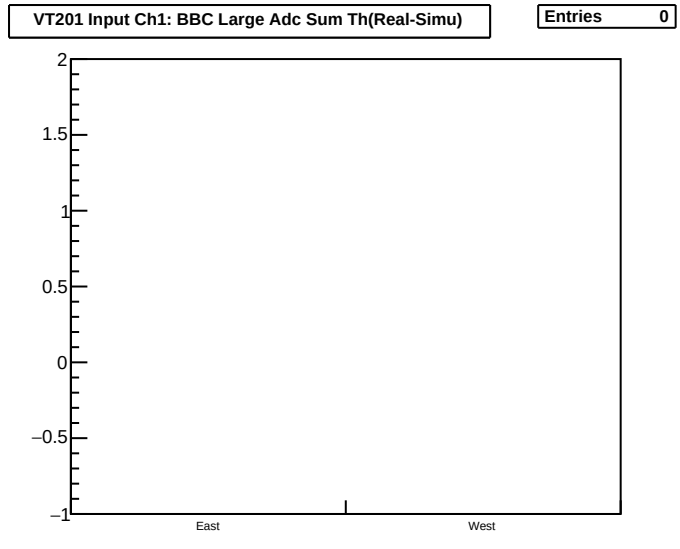

VT201 Input Ch0: BBC Small Tac Diff
Entries 693
10
1
0 1000 2000 3000 4000 5000 6000 7000 8000
Tac


VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Real

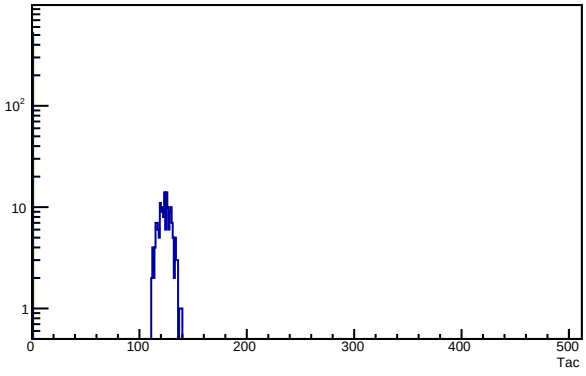

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2079
1
0
693
693
693
10^2
10
1
TAC-Sum
East
West


VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
1
0
-1
TAC-sum
East
West

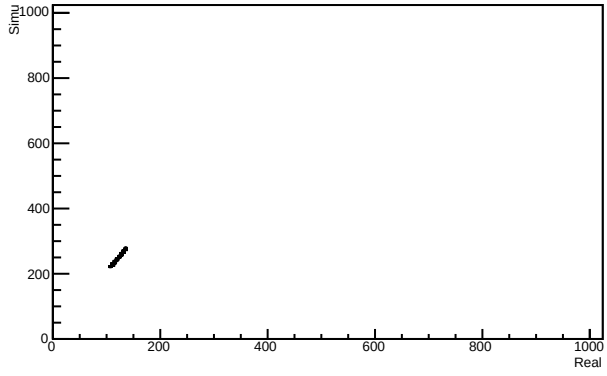

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1386
1
0
626
595
67
98
10^2
East
West


VT201 Input Ch1: BBC Large Adc Sum Th(Real-Simu)
Entries 0
2
1.5
1
0.5
0
−0.5
−1
East
West

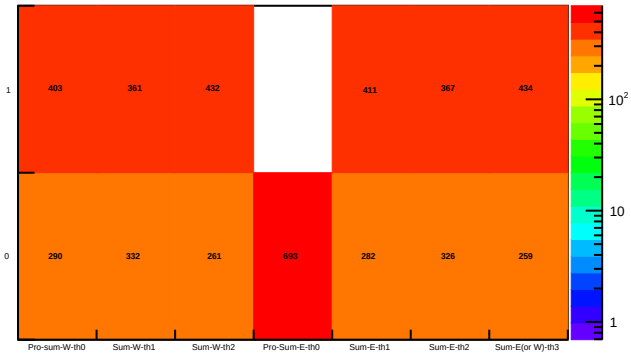
VT201 Input Ch2: ZDC Tac Diff



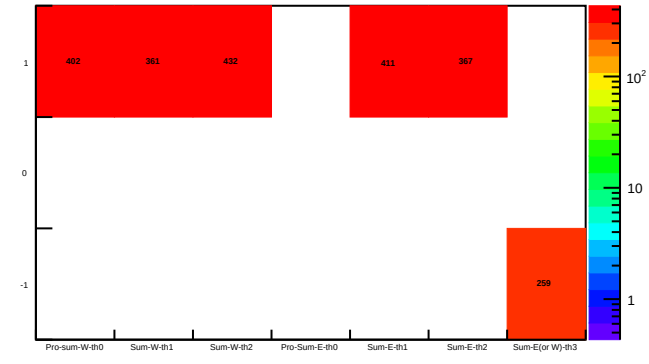
VT201 Input Ch2: ZDC Tac Diff



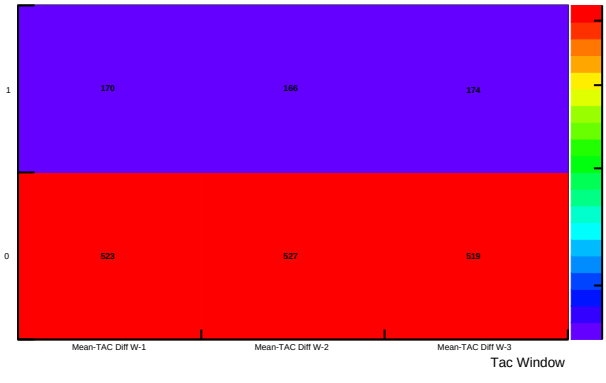
VT201 Input Ch2: ZDC Adc Sum Th



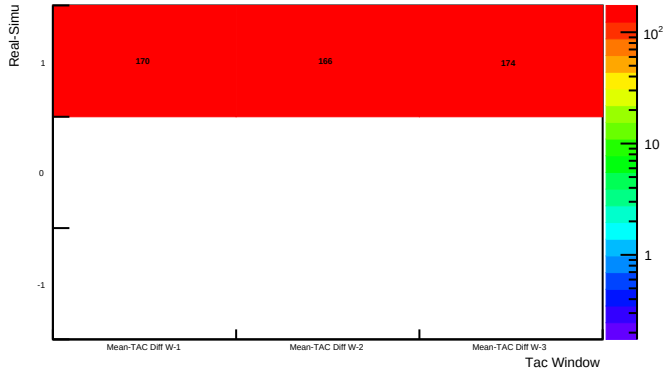
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



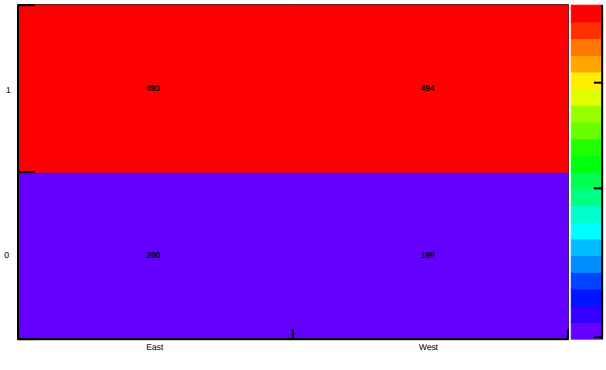
VT201 Input Ch4: VPD Tac Diff



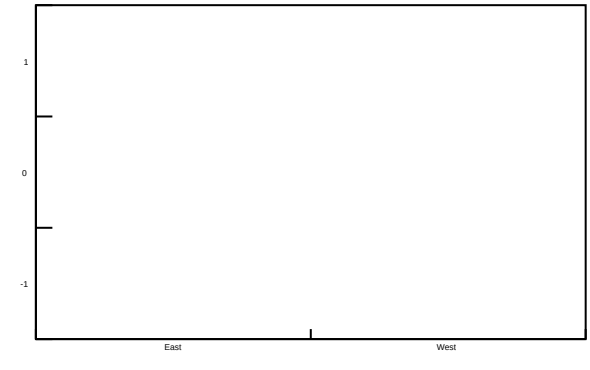
VT201 Input Ch4: VPD Tac Diff

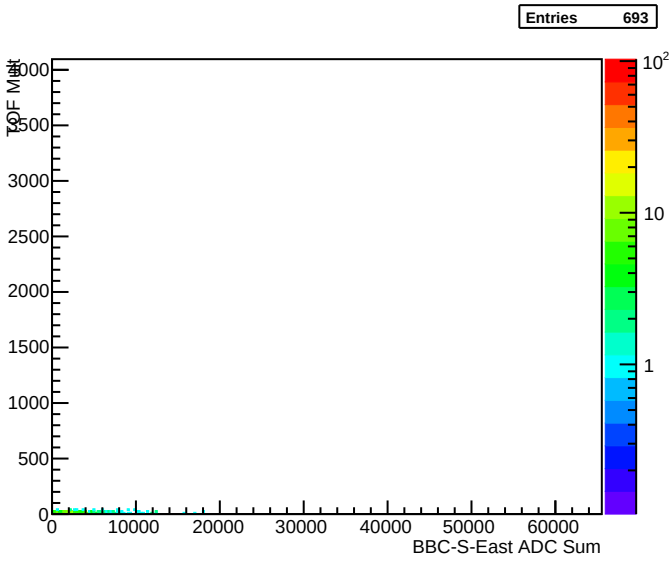


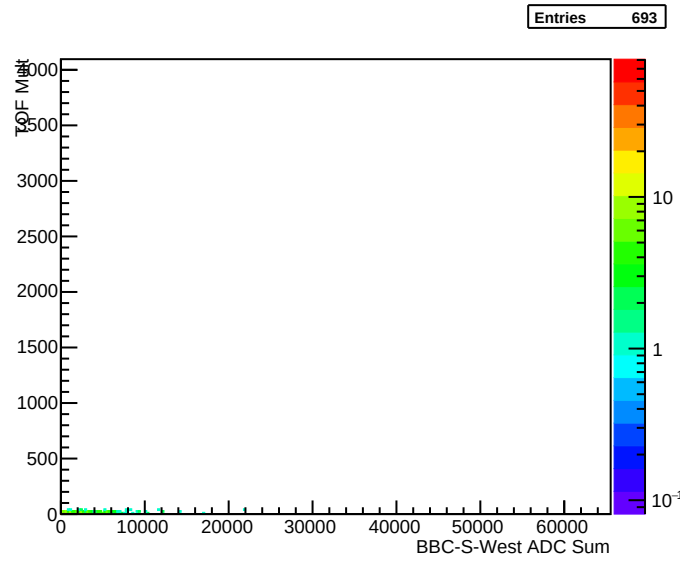
VT201 Input Ch4: VPD Adc Sum Th

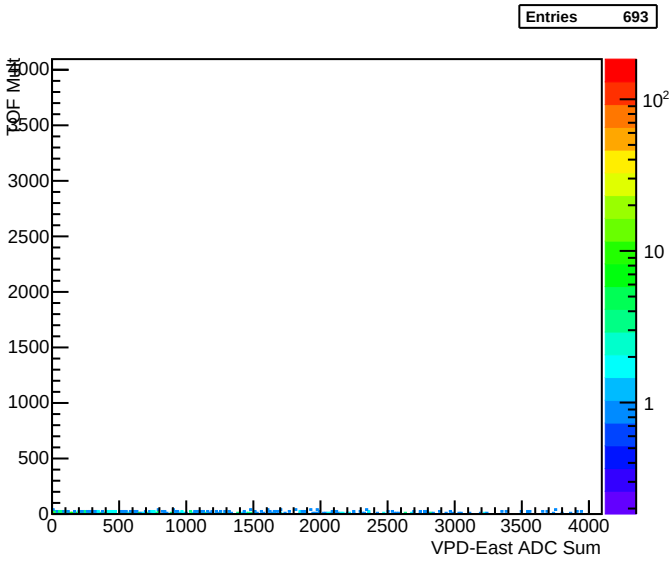


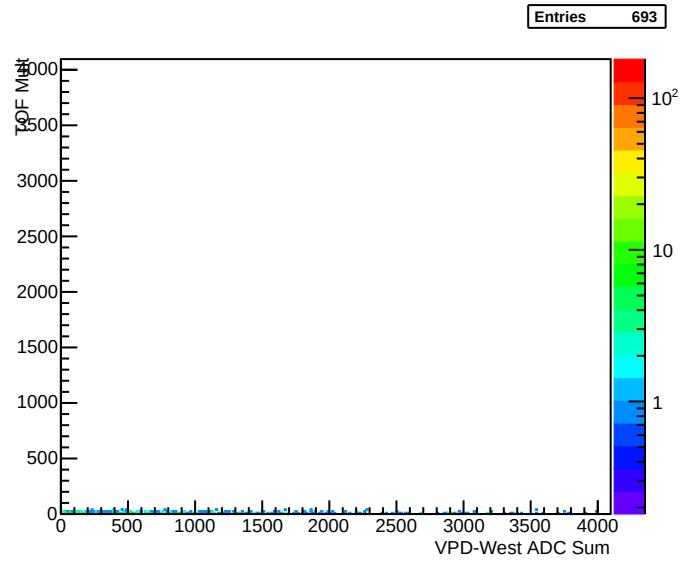
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

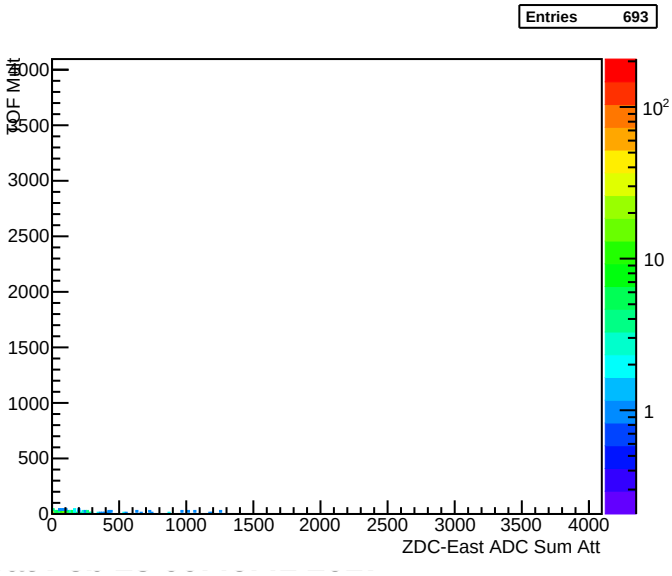


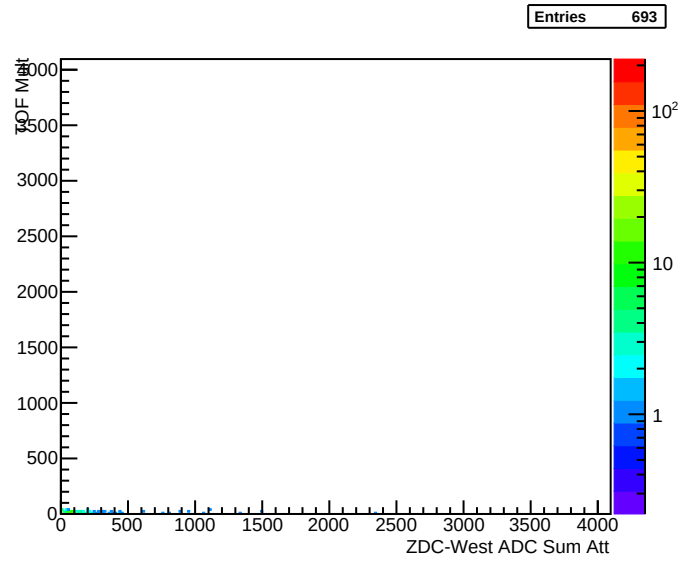

Entries 693
TOF Mult
BBC-S-East ADC Sum

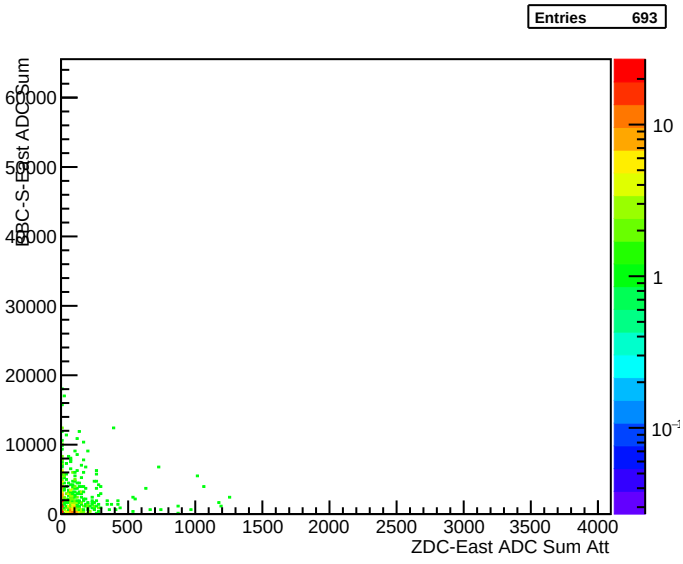

Entries 693
TOF Mult
BBC-S-West ADC Sum

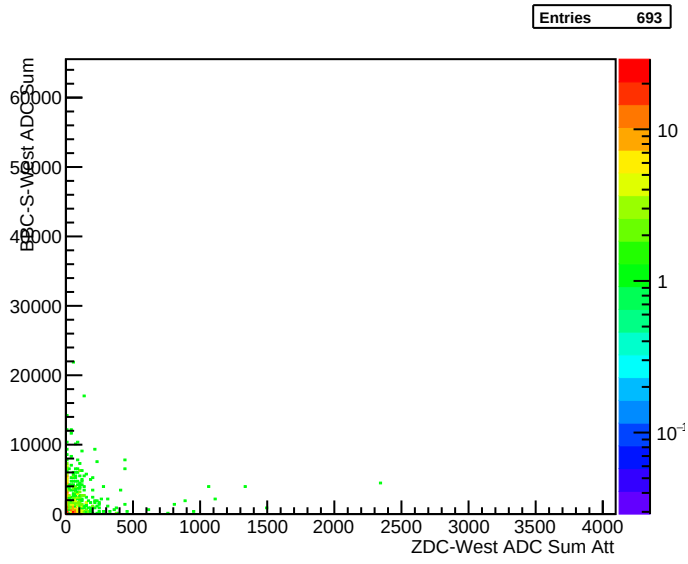

Entries 693
TOF Mult
VPD-East ADC Sum

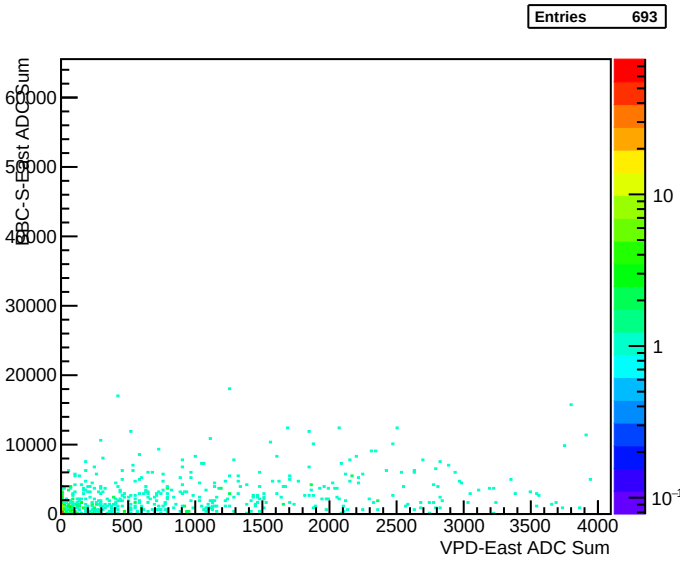

Entries 693
TOF Mult
VPD-West ADC Sum

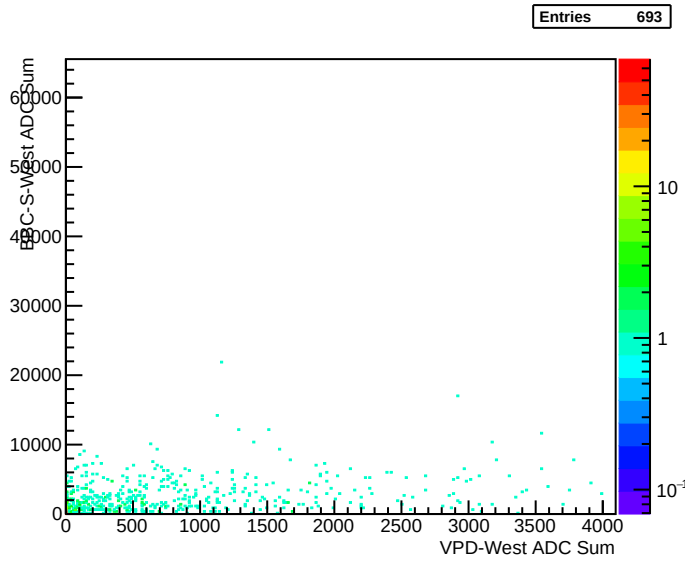

Entries 693
TOF Mult
ZDC-East ADC Sum Att

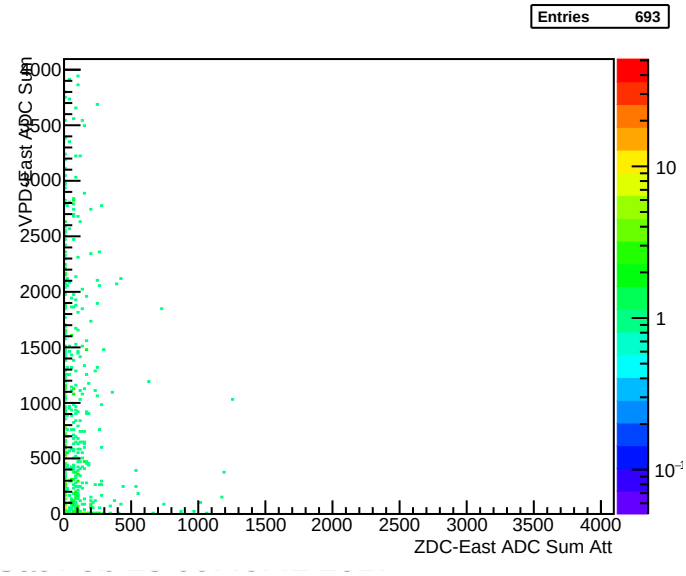

Entries 693
TOF Mult
ZDC-West ADC Sum Att

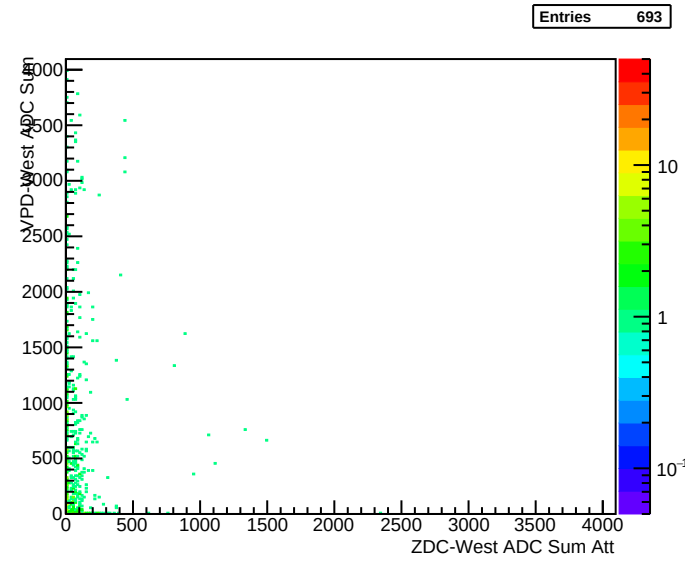

Entries 693
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

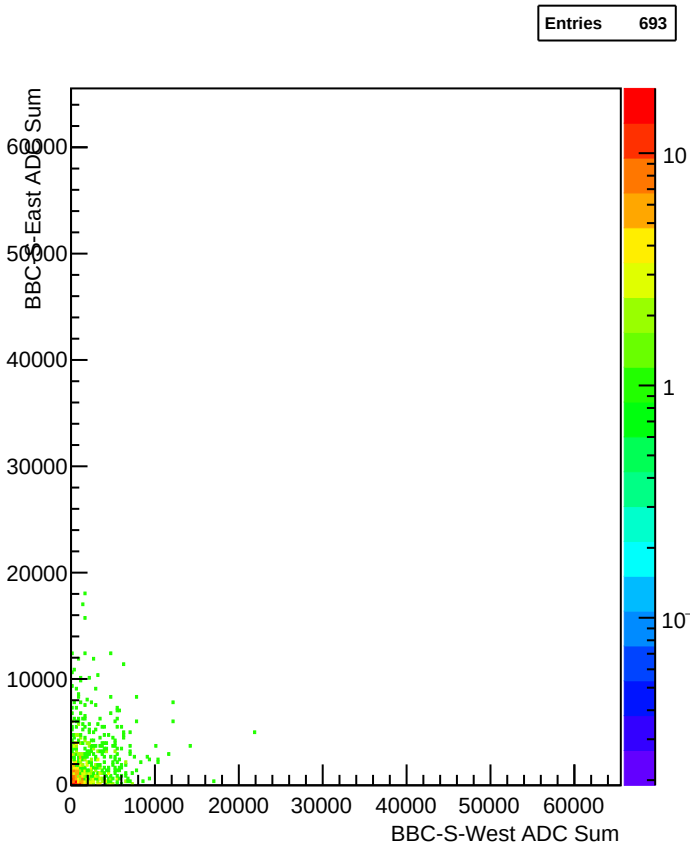

Entries 693
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

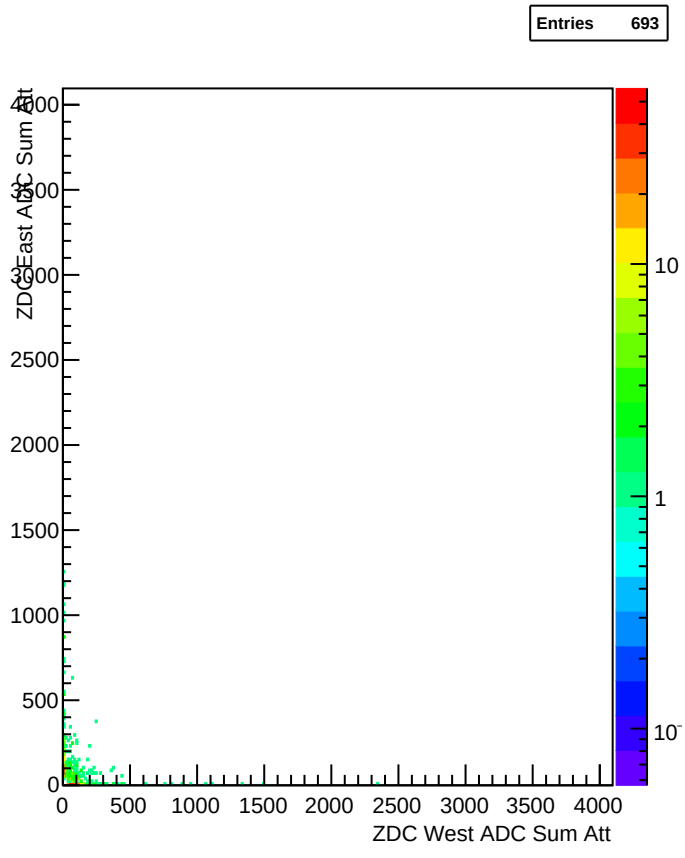

Entries 693
BBC-S-East ADC Sum
VPD-East ADC Sum

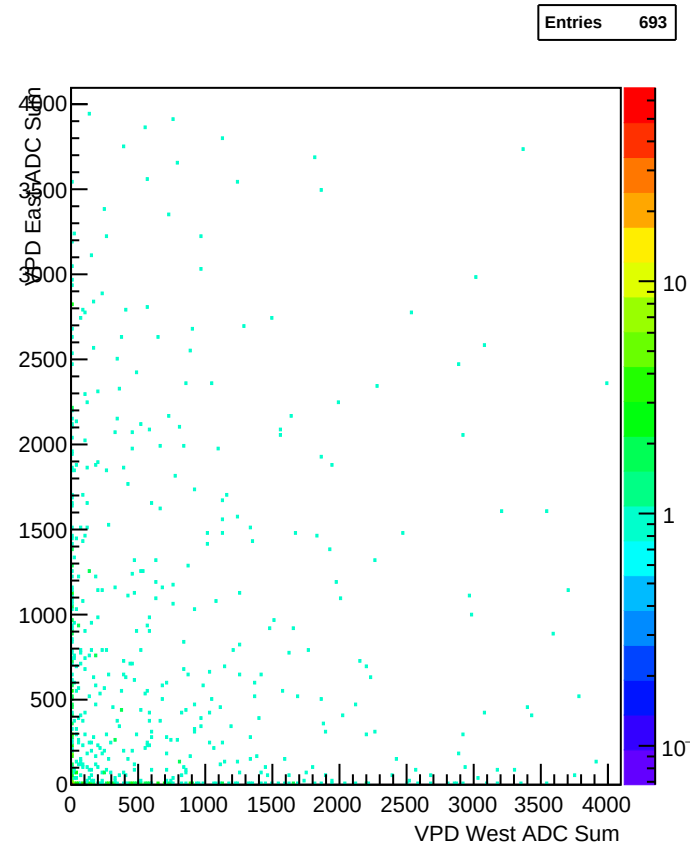

Entries 693
BBC-S-West ADC Sum
VPD-West ADC Sum

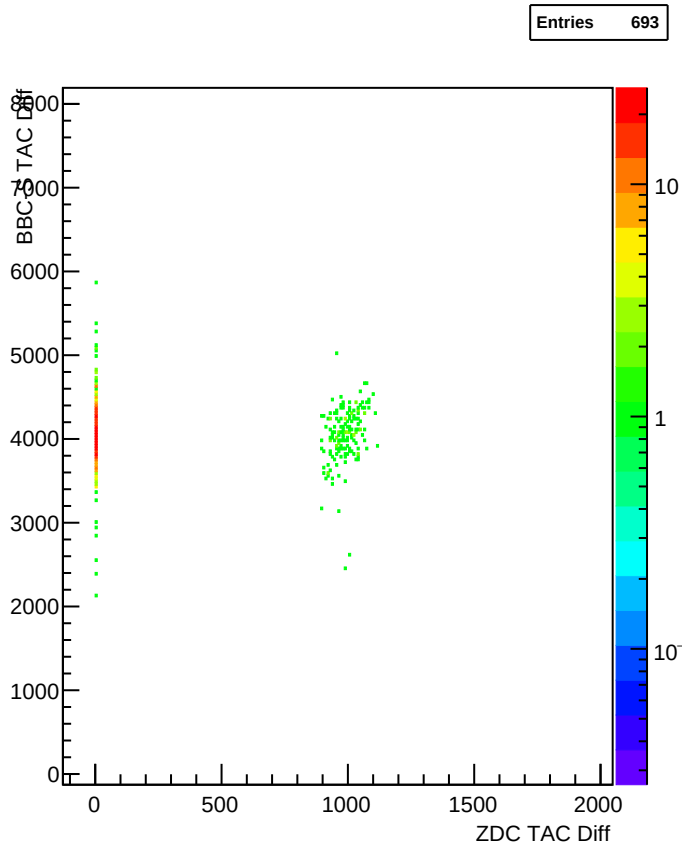

Entries 693
VPD-East ADC Sum
ZDC-East ADC Sum Att

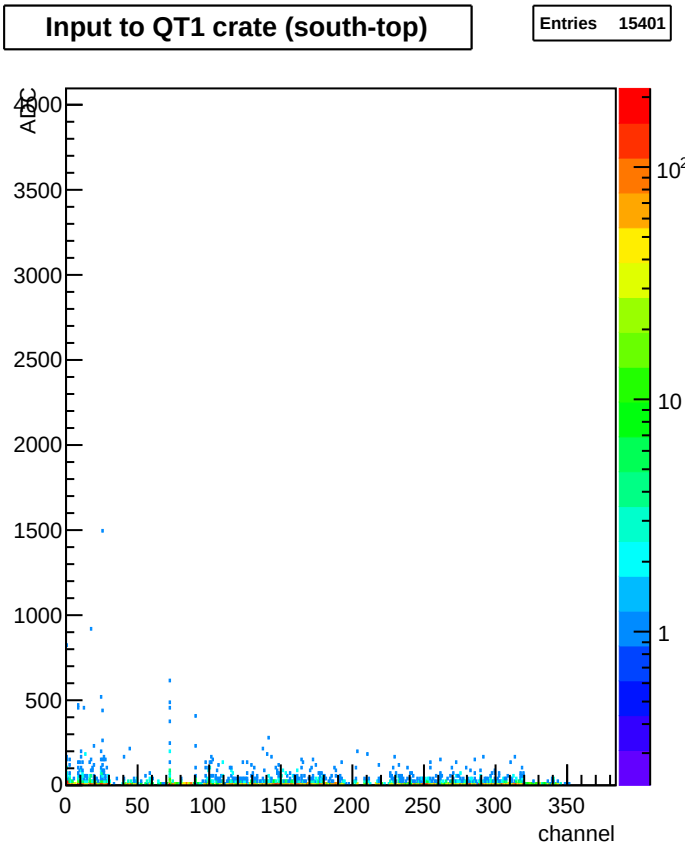

Entries 693
VPD-West ADC Sum
ZDC-West ADC Sum Att

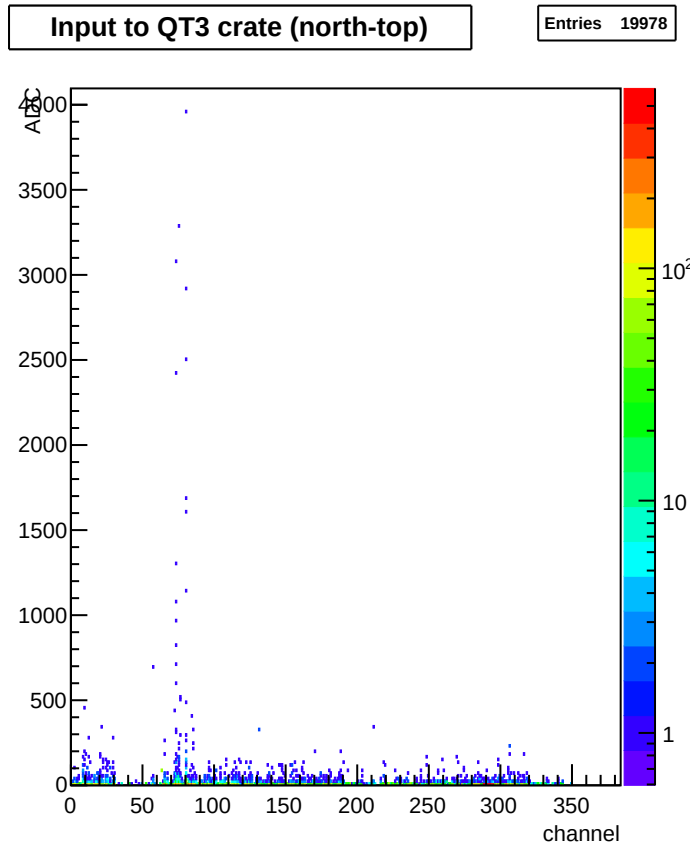

Entries 693
BBC-S-East ADC Sum
BBC-S-West ADC Sum
0
10000
20000
30000
40000
50000
60000
10
1
10⁻

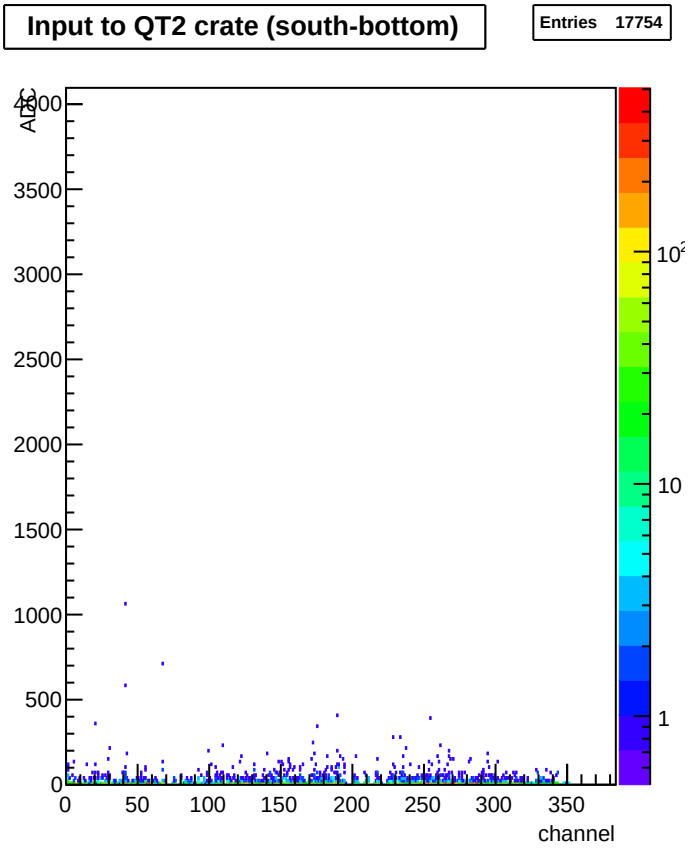

Entries 693
ZDC East ADC Sum Att
ZDC West ADC Sum Att
0
500
1000
1500
2000
2500
3000
3500
4000
10
1
10⁻

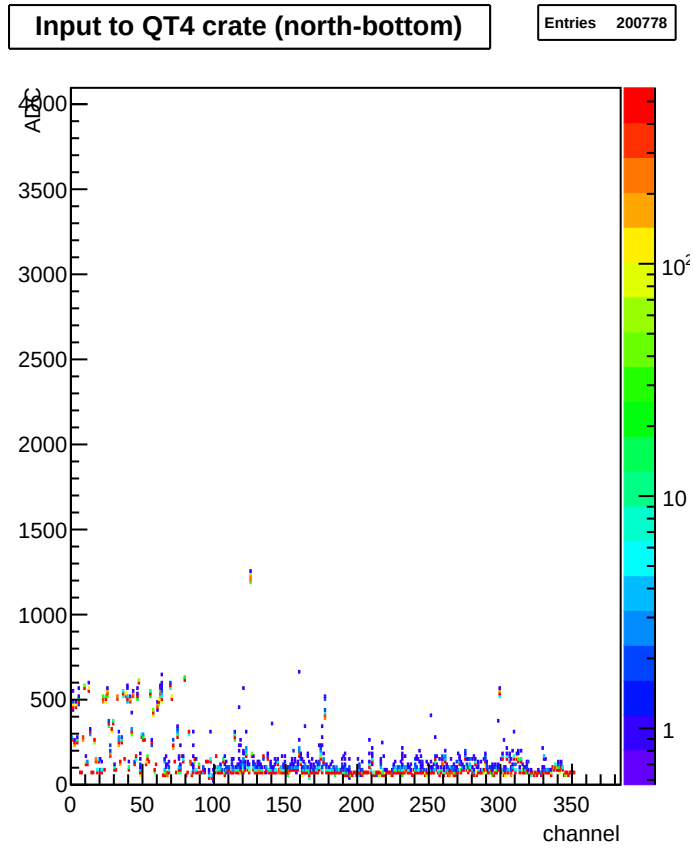

Entries 693
VPD East ADC Sum
VPD West ADC Sum
0
500
1000
1500
2000
2500
3000
3500
4000
10
1
10⁻

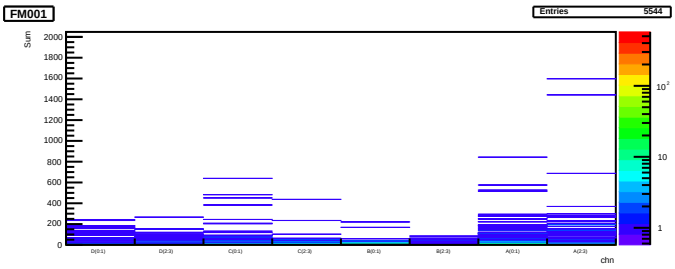

Entries 693
BBC-S TAC Diff
ZDC TAC Diff
0
500
1000
1500
2000
3000
4000
5000
6000
7000
8000
10
1
10⁻

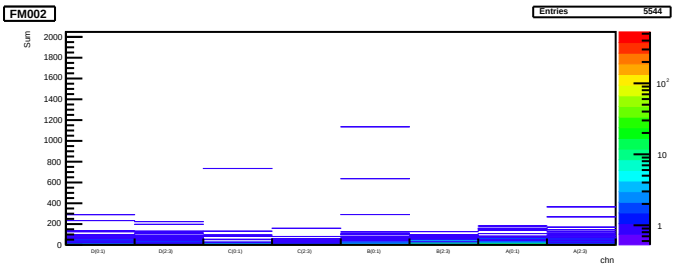

Input to QT1 crate (south-top)
Entries 15401
ADC
channel

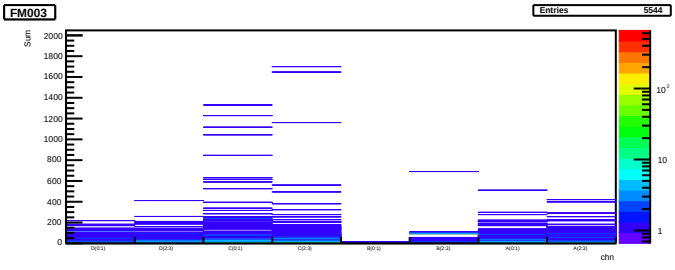

Input to QT3 crate (north-top)
Entries 19978
ADC
channel

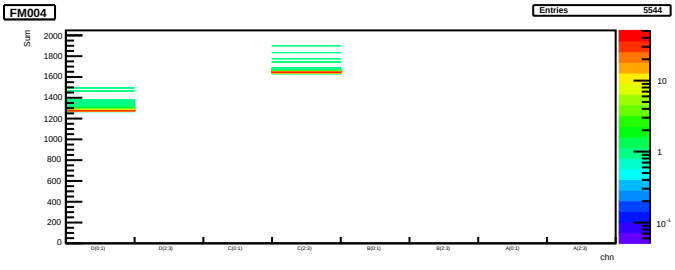

Input to QT2 crate (south-bottom)
Entries 17754
ADC
channel

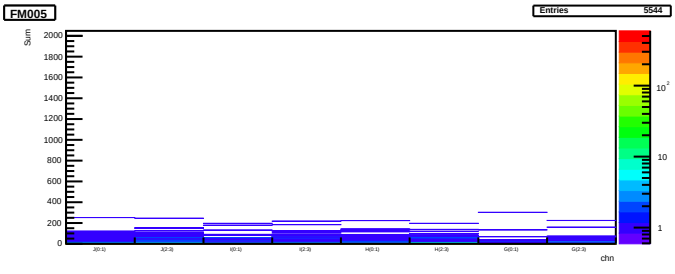

Input to QT4 crate (north-bottom)
Entries 200778
ADC
channel

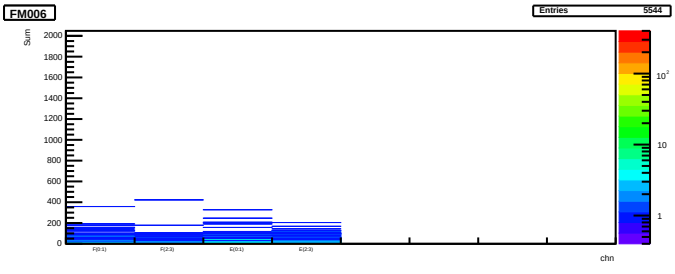

FM001
Entries 5544
Sum
chn

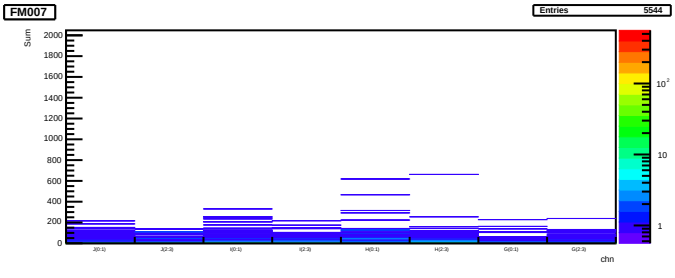

FM002
Entries 5544
Sum
chn

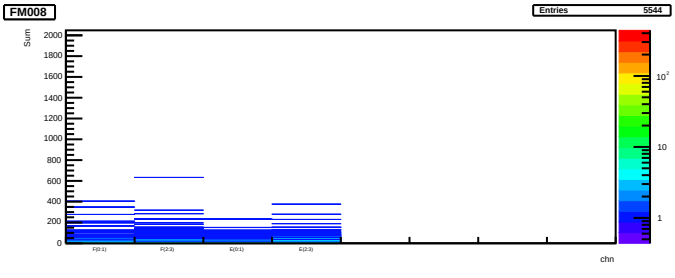

FM003
Entries 5544
Sum
chn

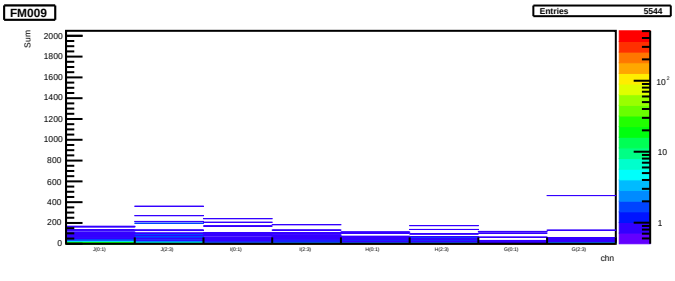

FM004
Entries 5544
Sum
chn

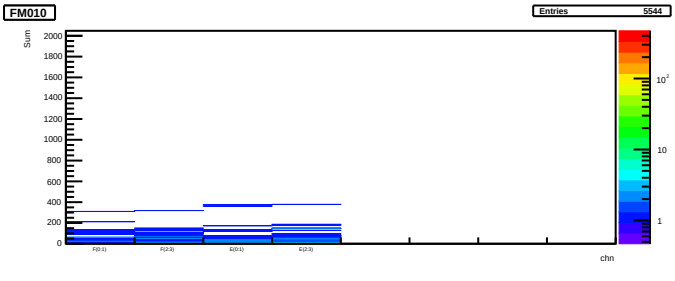

FM005
Entries 5544
Sum
chn

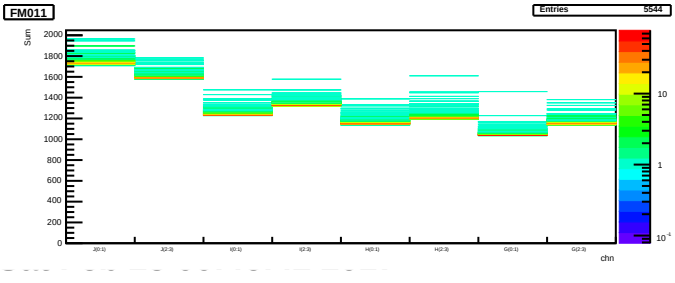

FM006
Entries 5544
Sum
chn

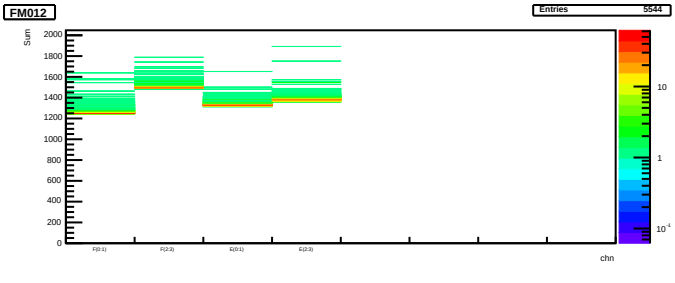

FM007
Entries 5544
Sum
chn


FM008
Entries 5544
Sum
chn


FM009
Entries 5544
Sum
chn


FM010
Entries 5544
Sum
chn


FM011
Entries 5544
Sum
chn


FM012
Entries 5544
Sum
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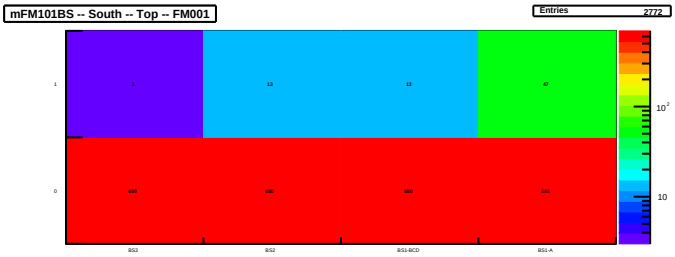
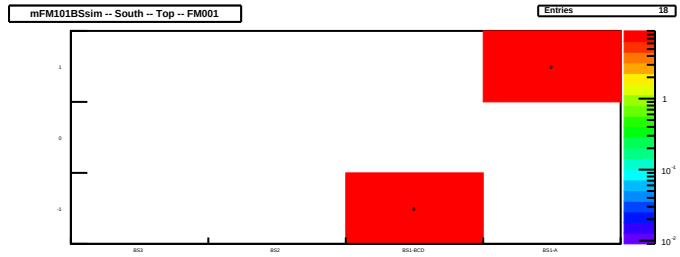
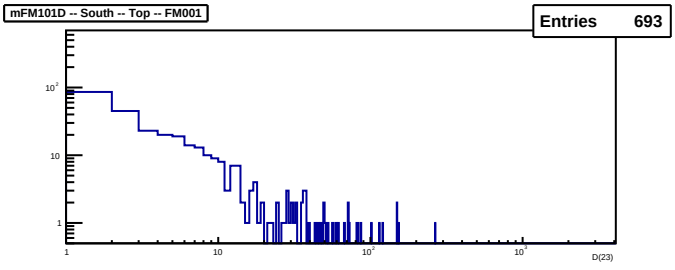
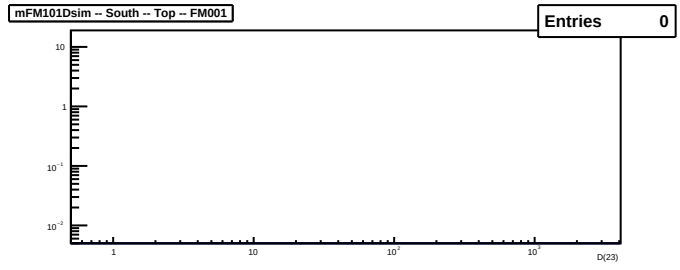

mFM101BS -- South -- Top -- FM001
Entries 2772


mFM101BSsim -- South -- Top -- FM001
Entries 18


mFM101D -- South -- Top -- FM001
Entries 693
D(23)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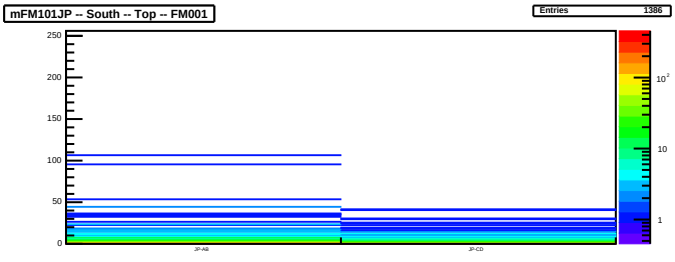
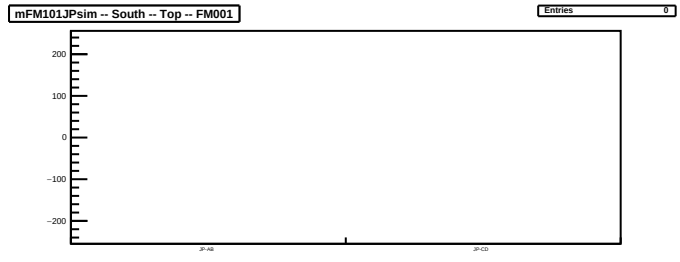
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 1386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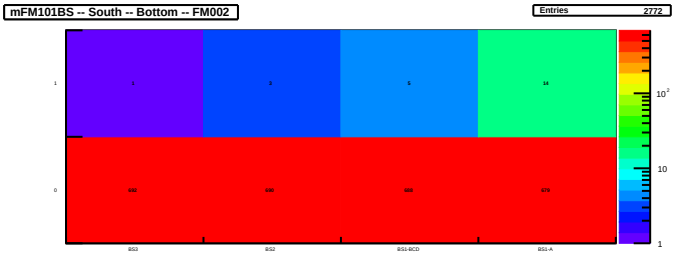
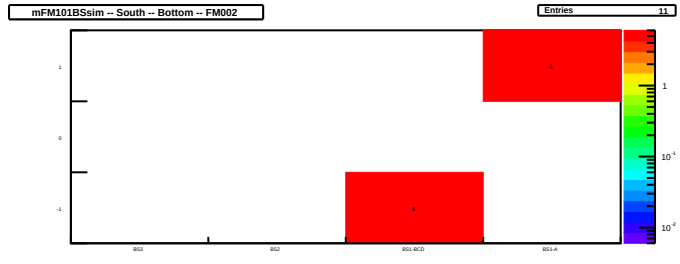
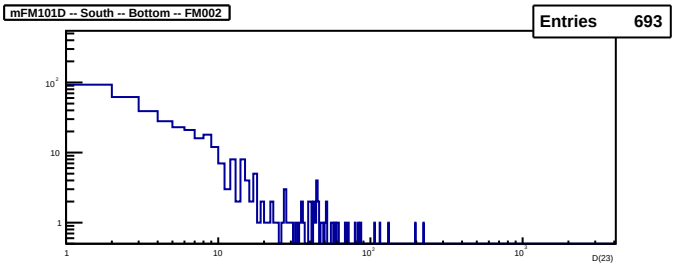
Entries 0


mFM101BS -- South -- Bottom -- FM002
Entries 2772


mFM101BSsim -- South -- Bottom -- FM002
Entries 11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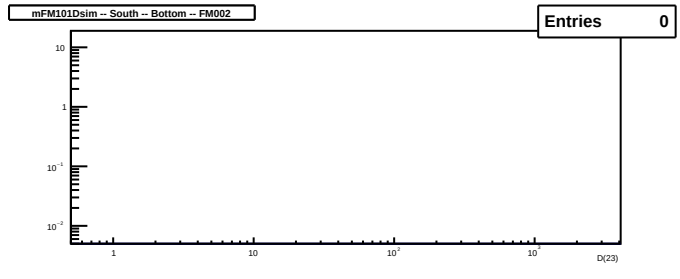
Entries 693
D(23)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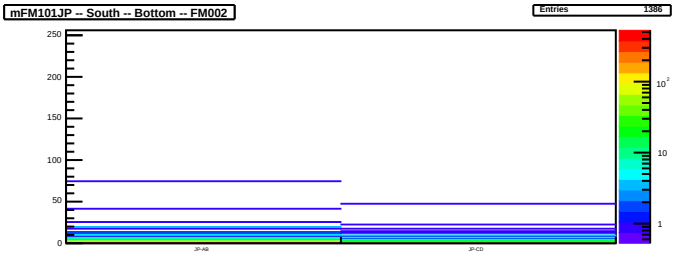
Entries 0
D(23)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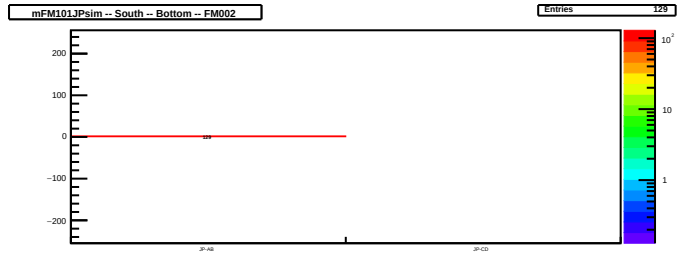
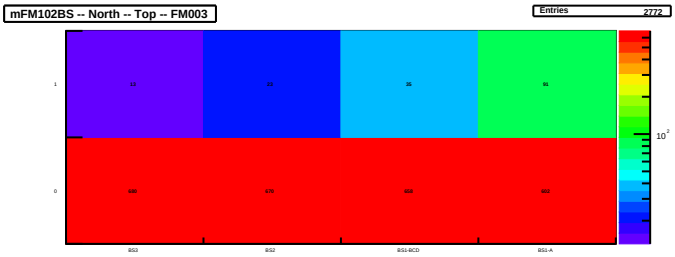
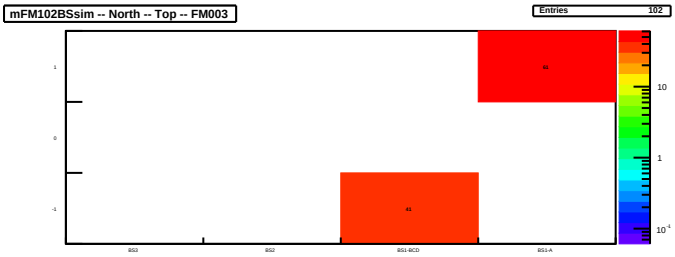
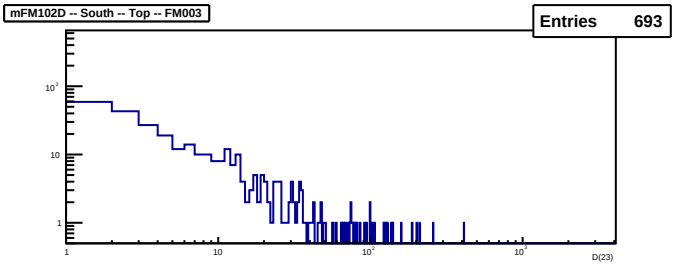
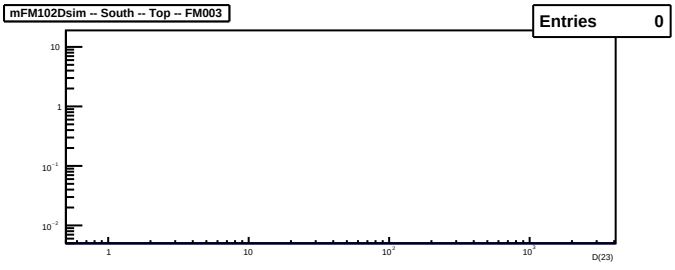
Entries 1386

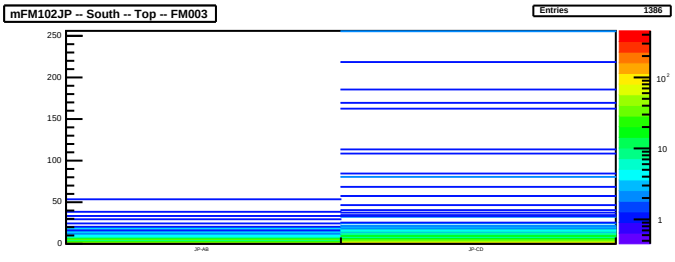

mFM101JPsim -- South -- Bottom -- FM002
Entries 129


mFM102BS -- North -- Top -- FM003
Entries 2772

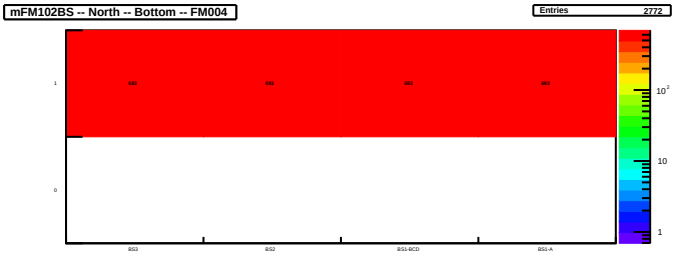

mFM102BSsim -- North -- Top -- FM003
Entries 102

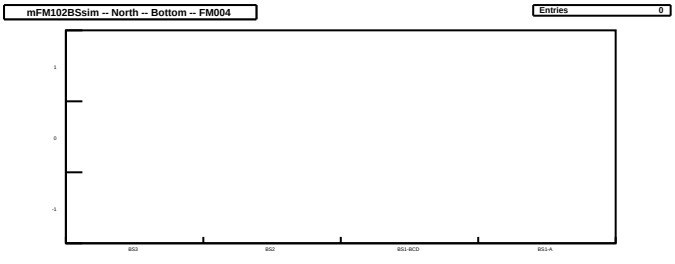

mFM102D -- South -- Top -- FM003
Entries 693
D(23)


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


mFM102JP -- South -- Top -- FM003
Entries 1386

mFM102JPsim -- South -- Top -- FM003
Entries 0


mFM102BS -- North -- Bottom -- FM004
Entries 2772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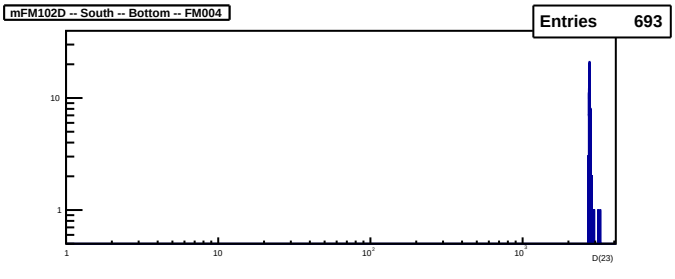
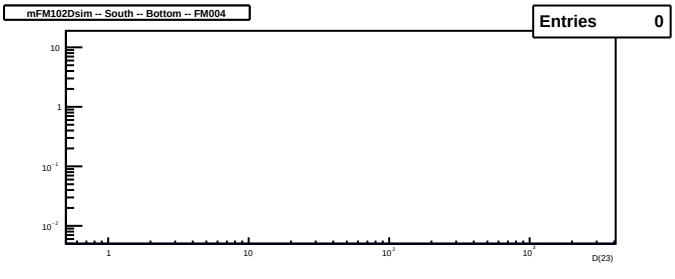
Entries 0


mFM102D -- South -- Bottom -- FM004
Entries 693
D(23)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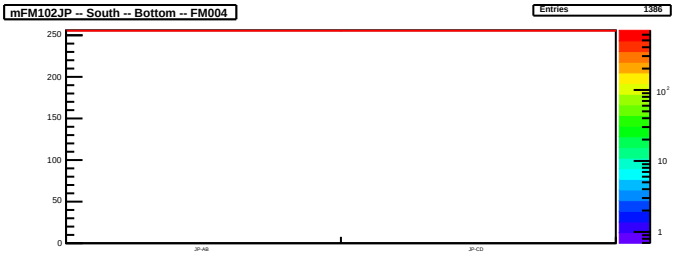
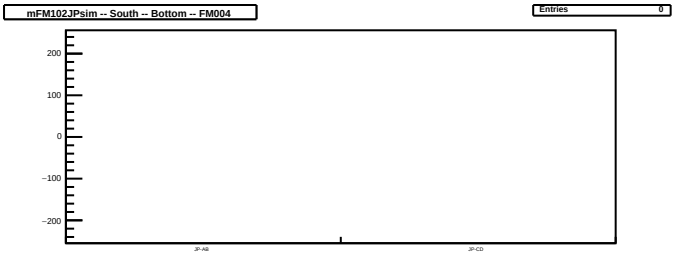
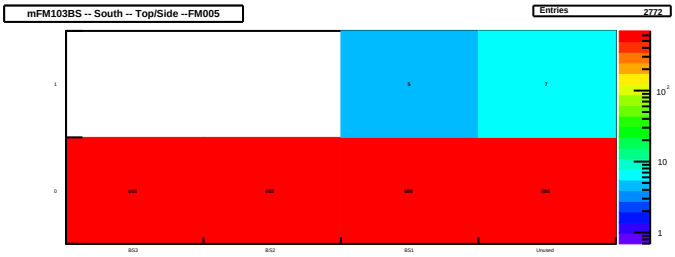
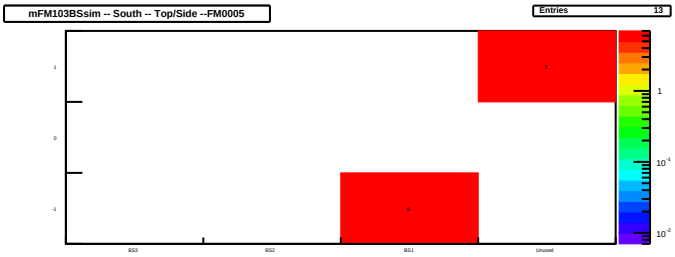
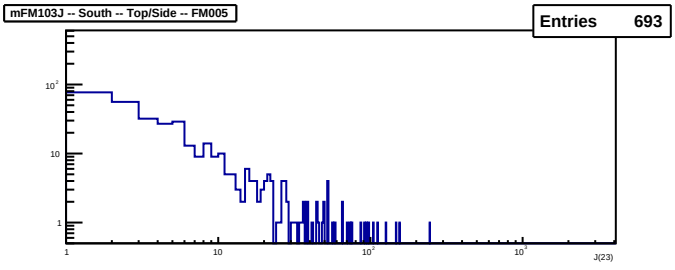
Entries 0
D(23)

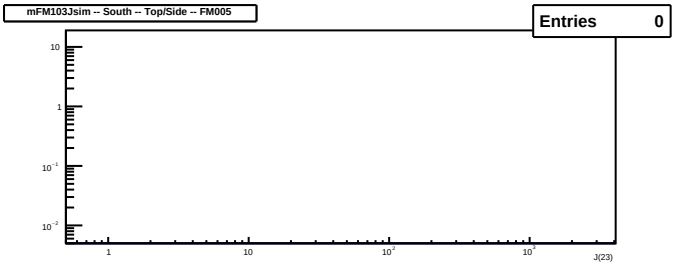

mFM102JP -- South -- Bottom -- FM004
Entries 1386


mFM102JPsim -- South -- Bottom -- FM004
Entries 0


mFM103BS -- South -- Top/Side --FM005
Entries 2772
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Top/Side --FM0005
Entries 13
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 693
J(23)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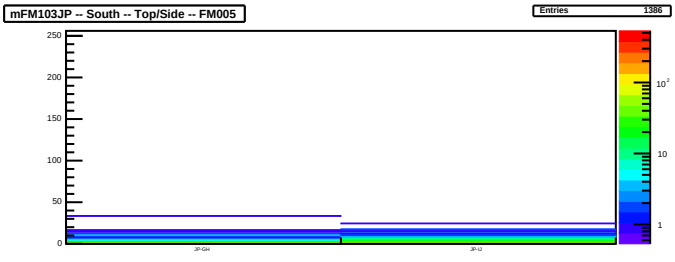
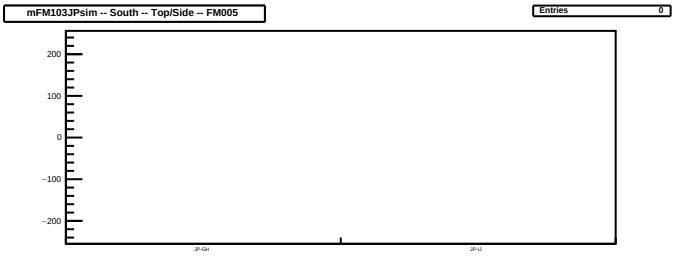
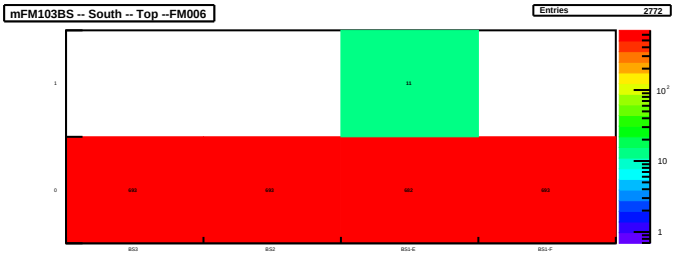
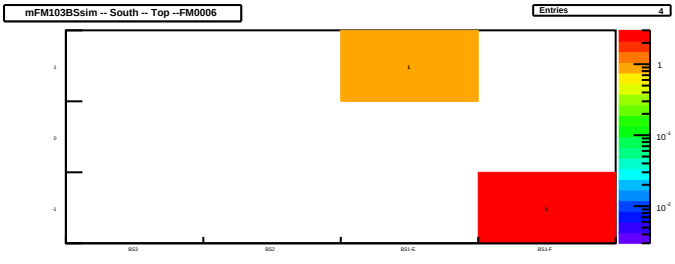
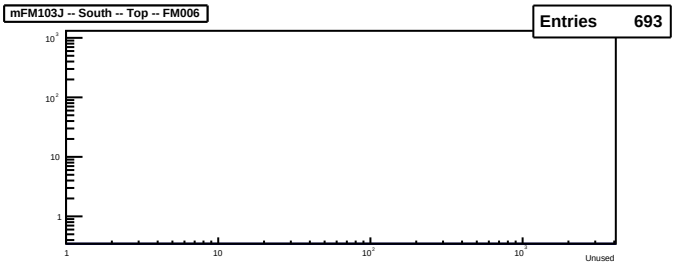
Entries 0
J(23)

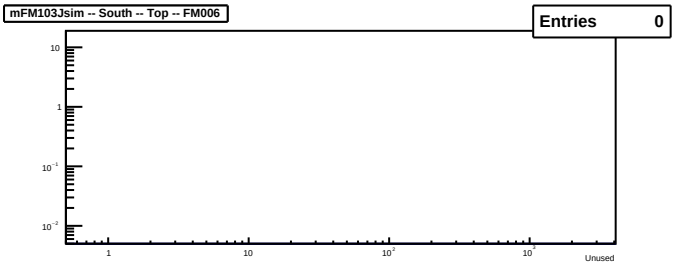

mFM103JP -- South -- Top/Side -- FM005
Entries 1386
JP-GH
JP-IJ


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


mFM103BS -- South -- Top --FM006
Entries 2772
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 4
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 693
Unused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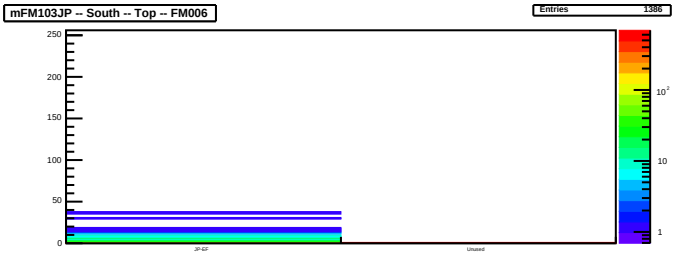
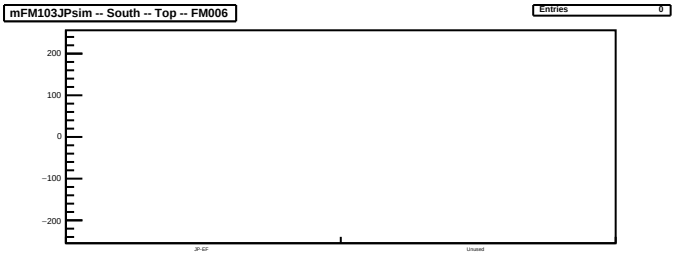
Entries 0
Unused


mFM103JP -- South -- Top -- FM006
Entries 1386
JP-EF
Unused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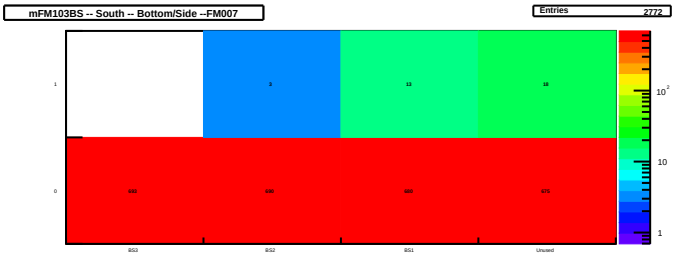
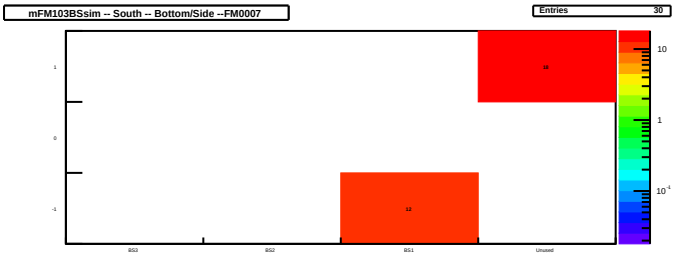
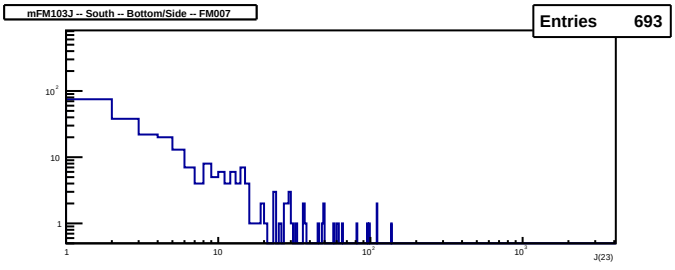
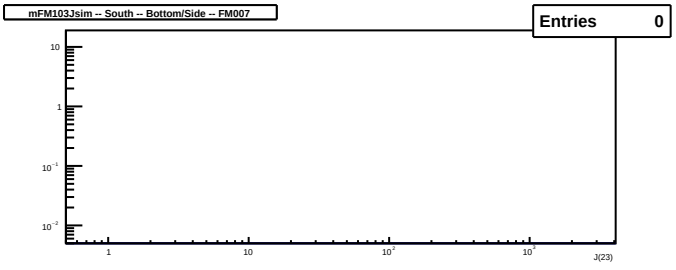
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 2772


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 30


mFM103J -- South -- Bottom/Side -- FM007
Entries 693
J(23)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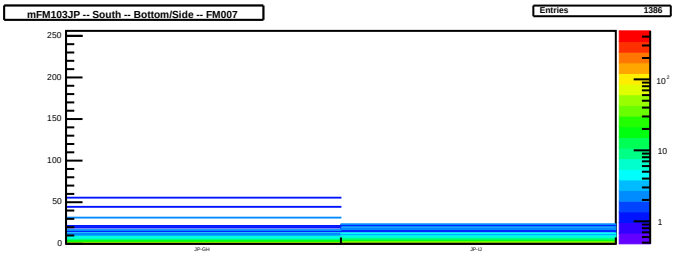
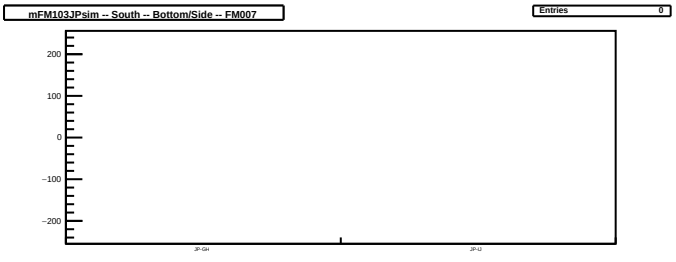
Entries 0
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 1386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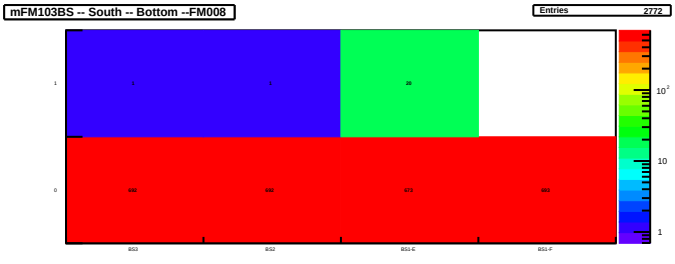
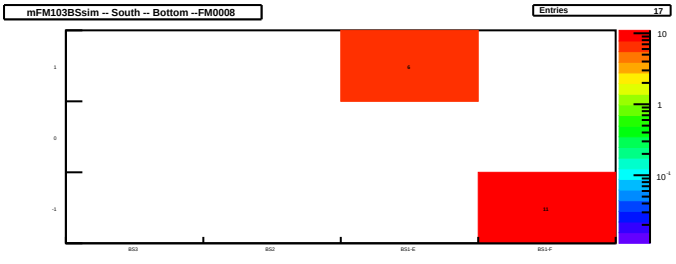
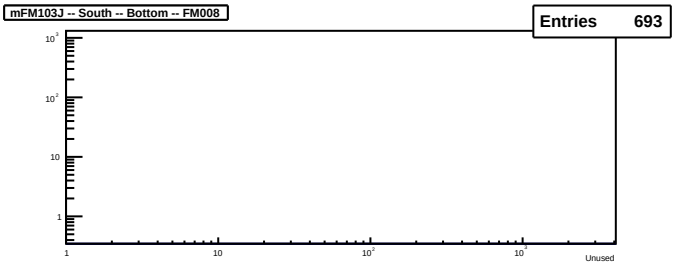
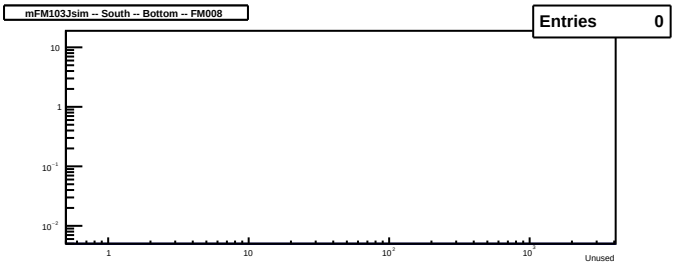
Entries 0


mFM103BS -- South -- Bottom --FM008
Entries 2772


mFM103BSsim -- South -- Bottom --FM0008
Entries 17


mFM103J -- South -- Bottom -- FM008
Entries 693
Unused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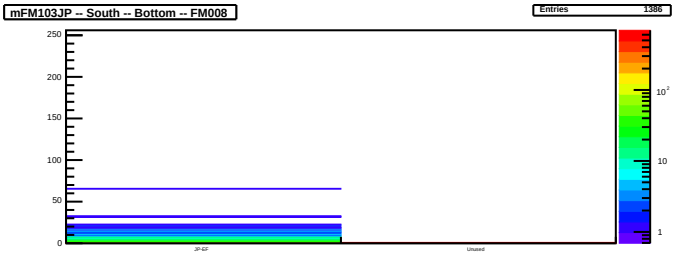
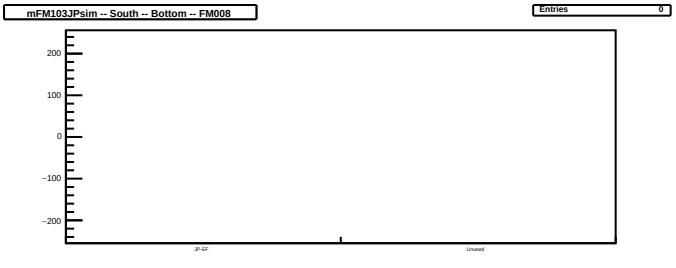
Entries 0
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 1386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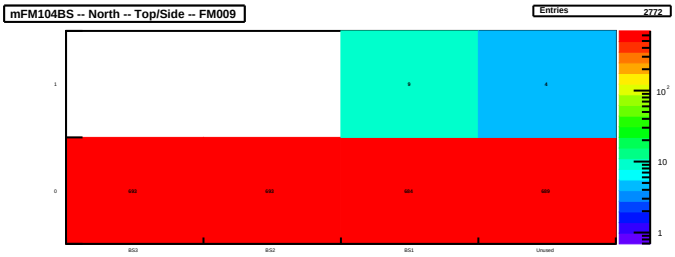
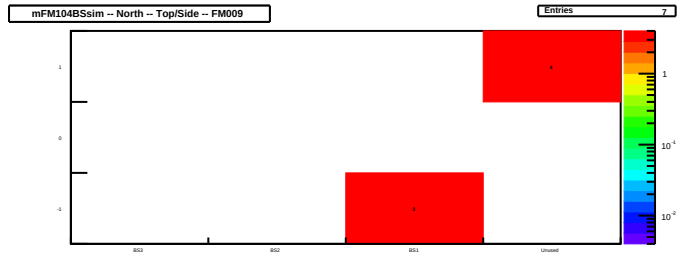
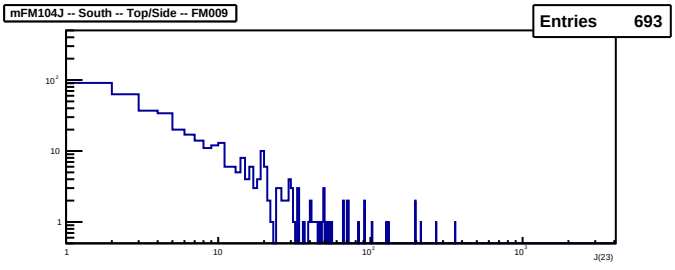
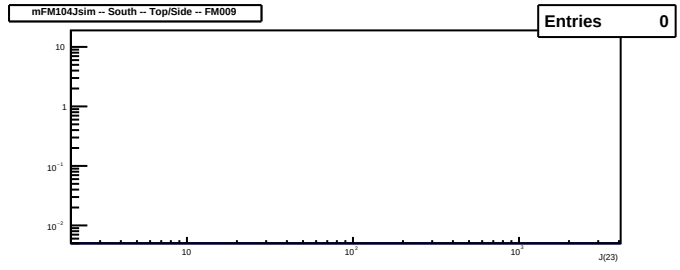
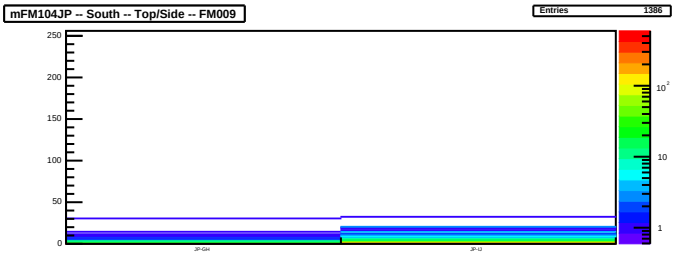
Entries 0

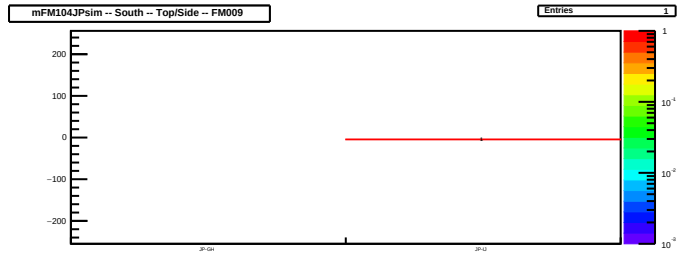

mFM104BS -- North -- Top/Side -- FM009
Entries 2772

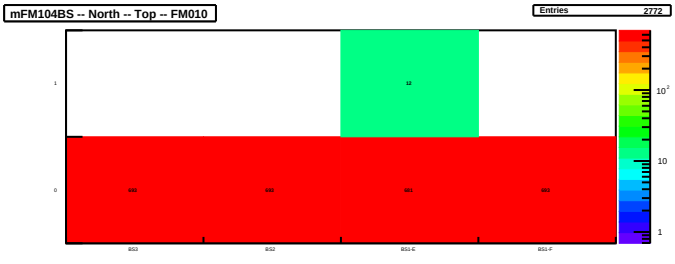

mFM104BSsim -- North -- Top/Side -- FM009
Entries 7

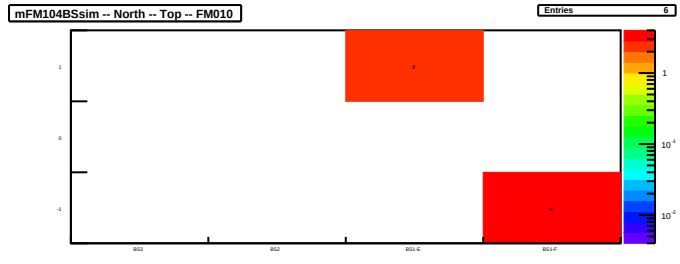

mFM104J -- South -- Top/Side -- FM009
Entries 693
J(23)

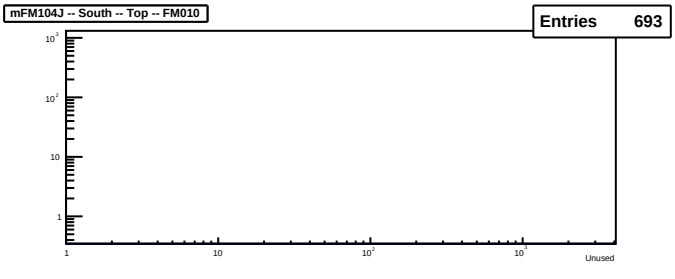

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

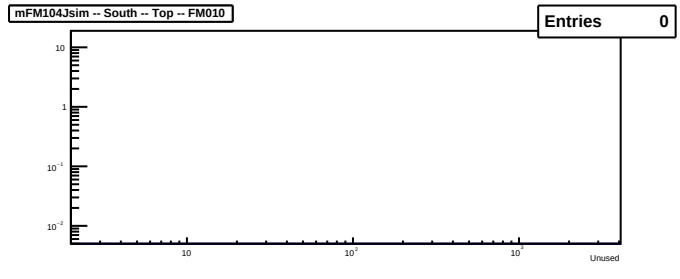

mFM104JP -- South -- Top/Side -- FM009
Entries 1386

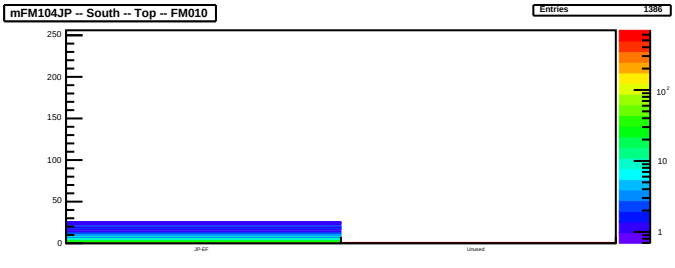

mFM104JPsim -- South -- Top/Side -- FM009
Entries 1


mFM104BS -- North -- Top -- FM010
Entries 2772

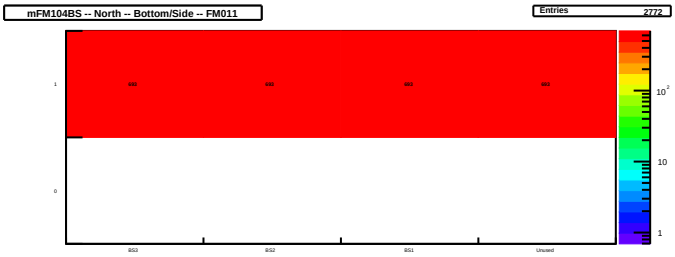

mFM104BSsim -- North -- Top -- FM010
Entries 6

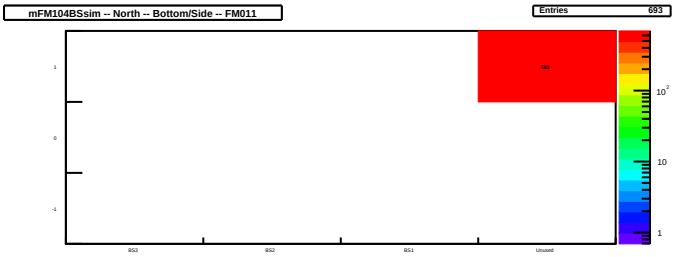

mFM104J -- South -- Top -- FM010
Entries 693
Unused

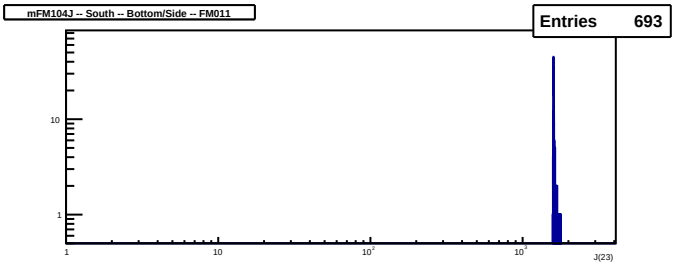

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

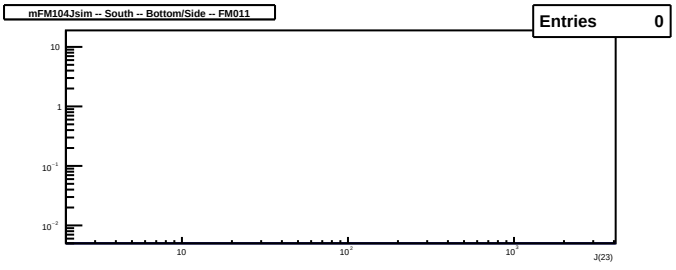

mFM104JP -- South -- Top -- FM010
Entries 1386

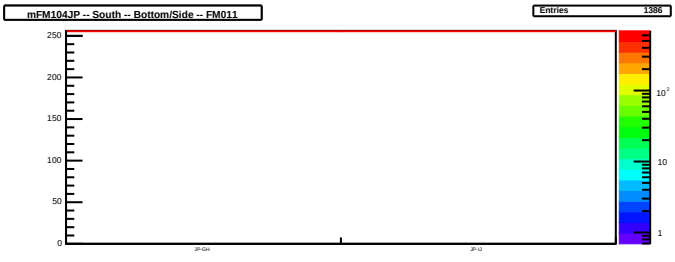
mFM104JPsim -- South -- Top -- FM010
Entries 0

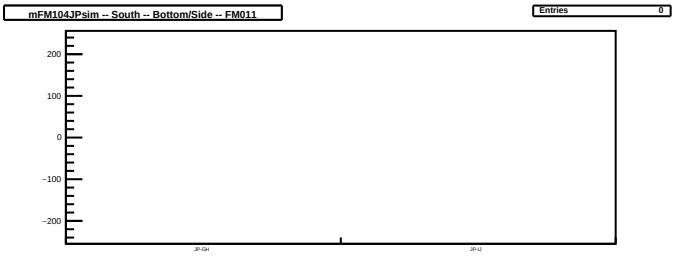

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2772
693
693
693
693
BS3
BS2
BS1
Unused

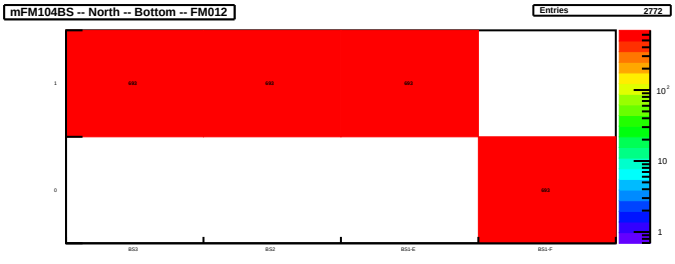

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 693
693
BS3
BS2
BS1
Unused

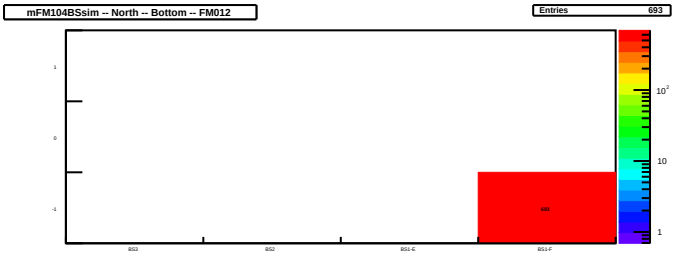

mFM104J -- South -- Bottom/Side -- FM011
Entries 693
J(23)

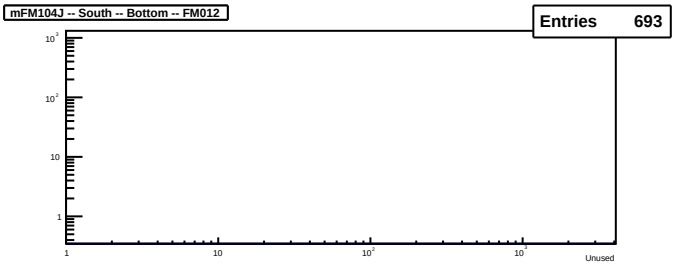

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

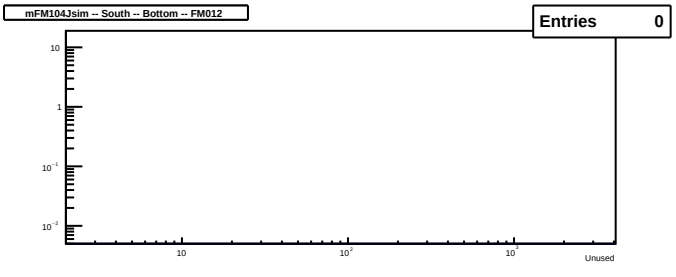

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1386
JP-GH
JP-IJ


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


mFM104BS -- North -- Bottom -- FM012
Entries 2772
693
693
693
693
BS3
BS2
BS1-E
BS1-F

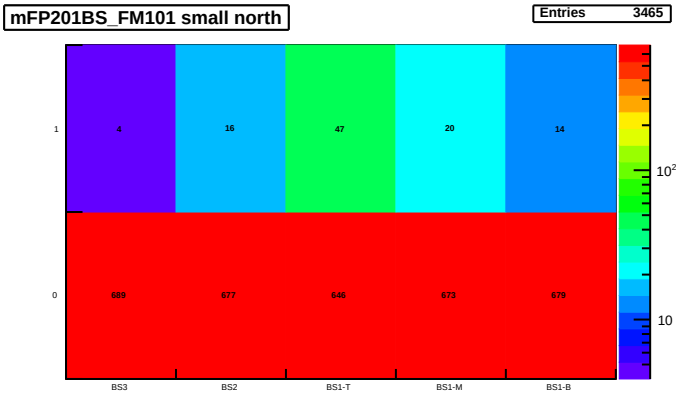

mFM104BSsim -- North -- Bottom -- FM012
Entries 693
693
BS3
BS2
BS1-E
BS1-F

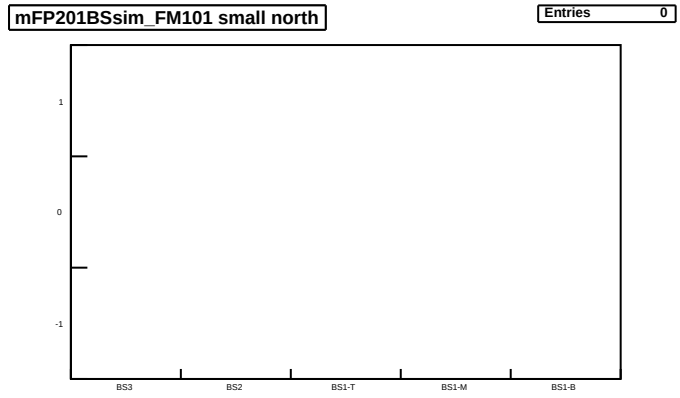

mFM104J -- South -- Bottom -- FM012
Entries 693
Unused

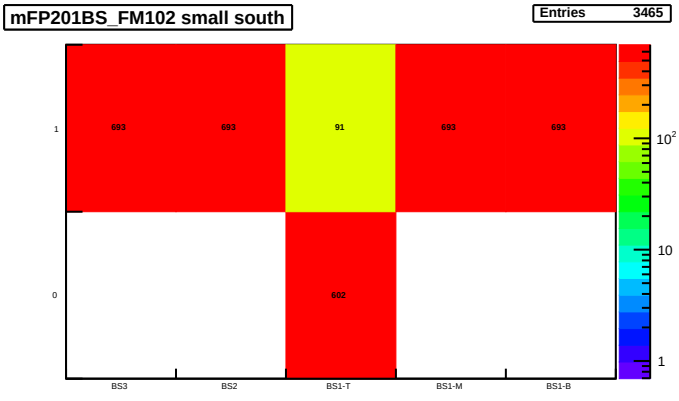

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

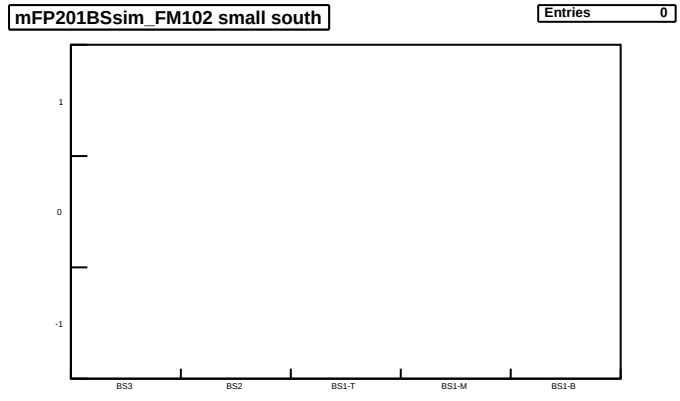
mFM104JP -- South -- Bottom -- FM012
Entries 1386
JP-EF
Unused

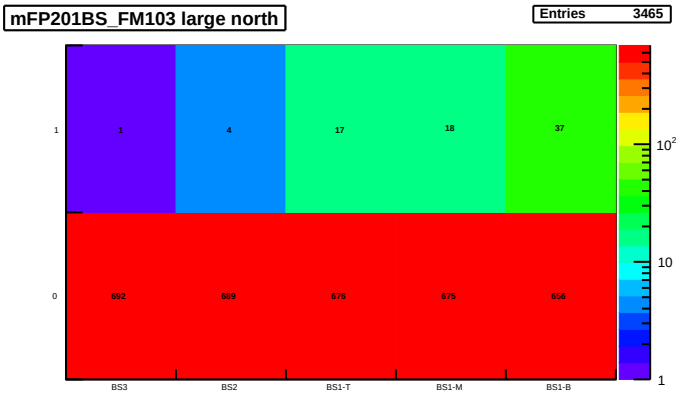
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

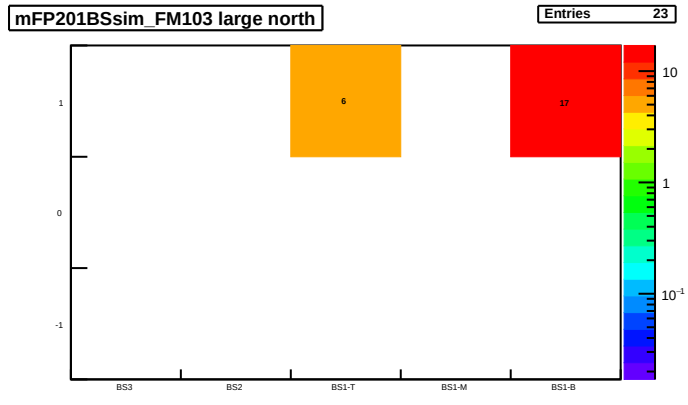

mFP201BS_FM101 small north
Entries 3465
4
16
47
20
14
689
677
646
673
679
BS3
BS2
BS1-T
BS1-M
BS1-B

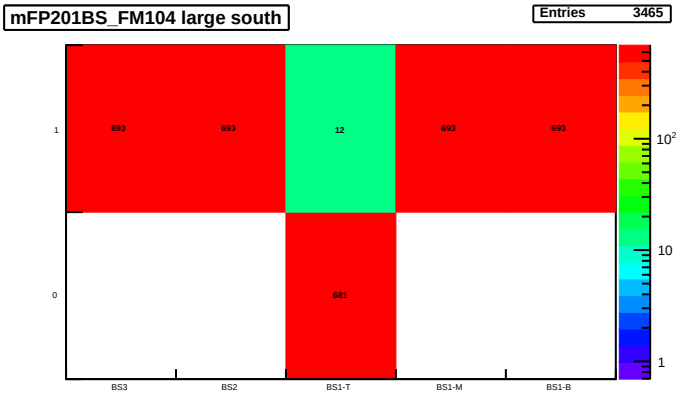

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

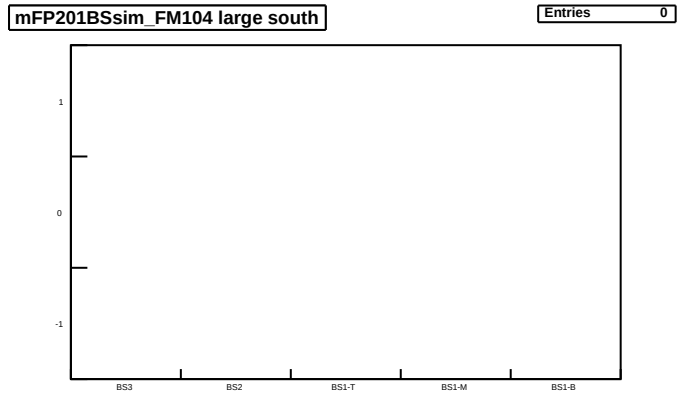

mFP201BS_FM102 small south
Entries 3465
693
693
91
693
693
602
BS3
BS2
BS1-T
BS1-M
BS1-B

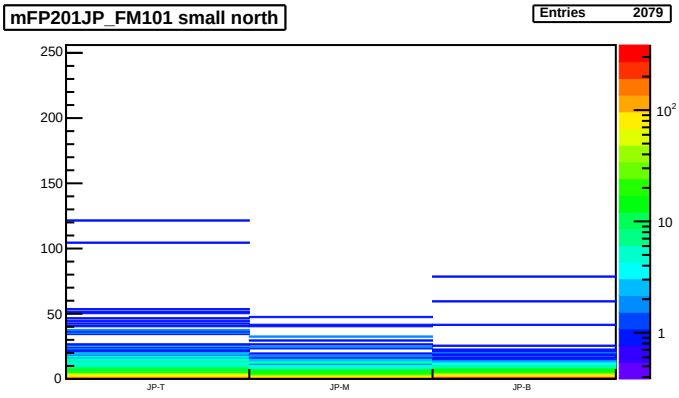

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

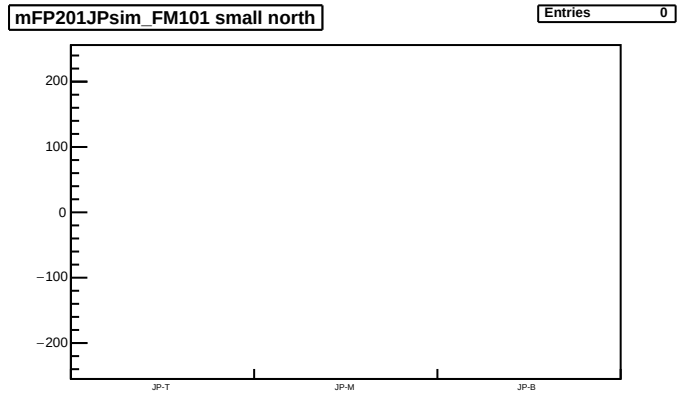

mFP201BS_FM103 large north
Entries 3465
1
4
17
18
37
692
689
676
675
656
BS3
BS2
BS1-T
BS1-M
BS1-B

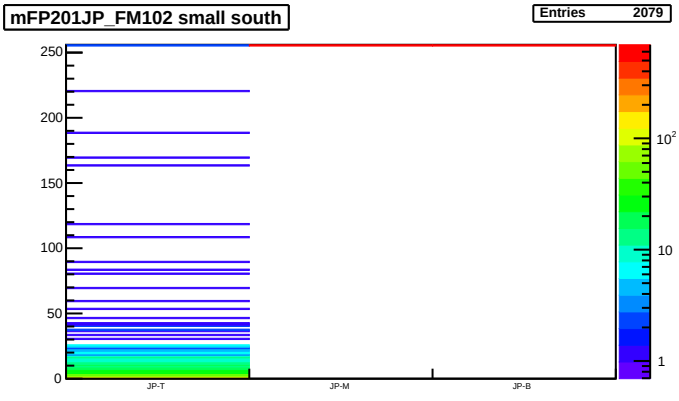

mFP201BSsim_FM103 large north
Entries 23
6
17
BS3
BS2
BS1-T
BS1-M
BS1-B

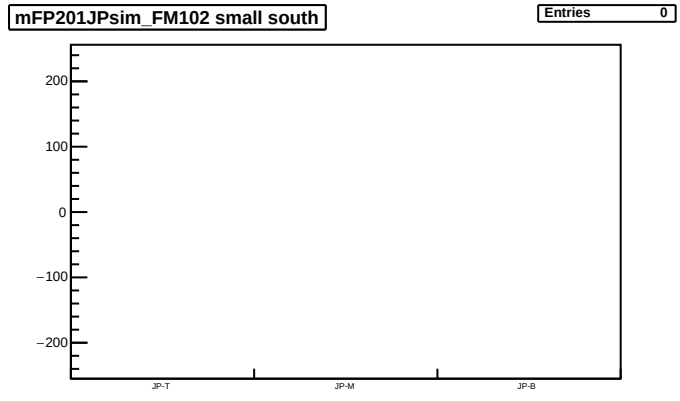

mFP201BS_FM104 large south
Entries 3465
693
693
12
693
693
681
BS3
BS2
BS1-T
BS1-M
BS1-B

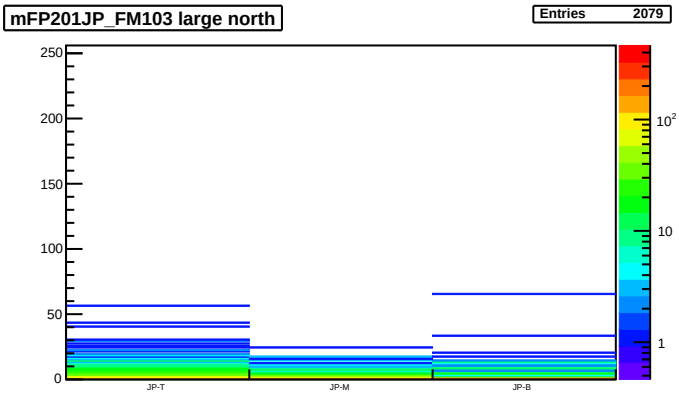

mFP201BSsim_FM104 large south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

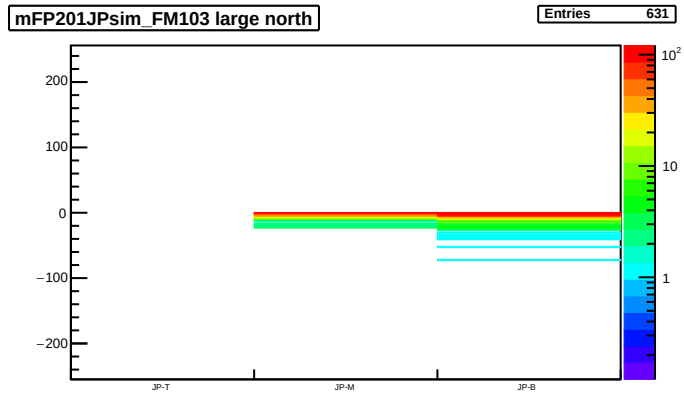

mFP201JP_FM101 small north
Entries 2079
JP-T
JP-M
JP-B

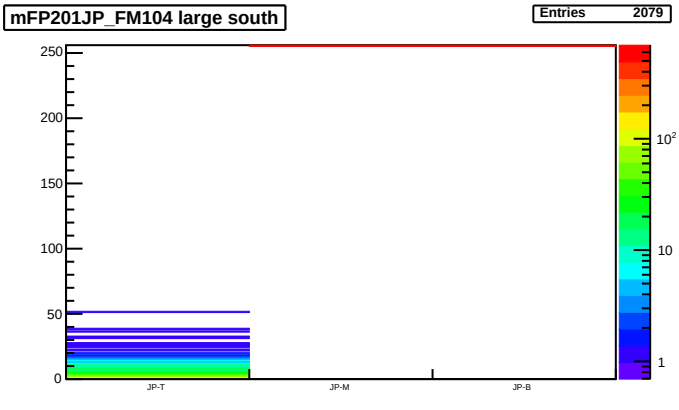

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

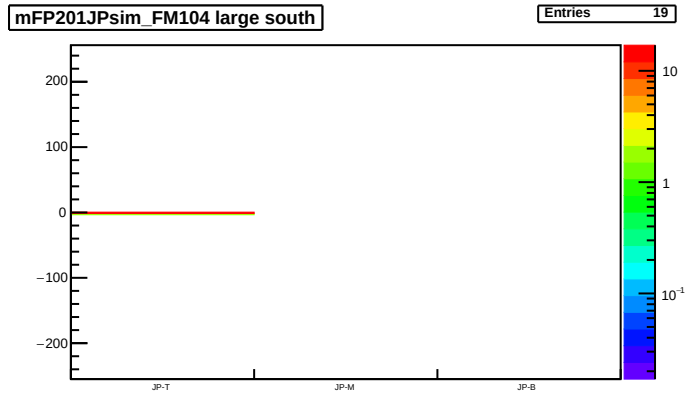

mFP201JP_FM102 small south
Entries 2079
JP-T
JP-M
JP-B

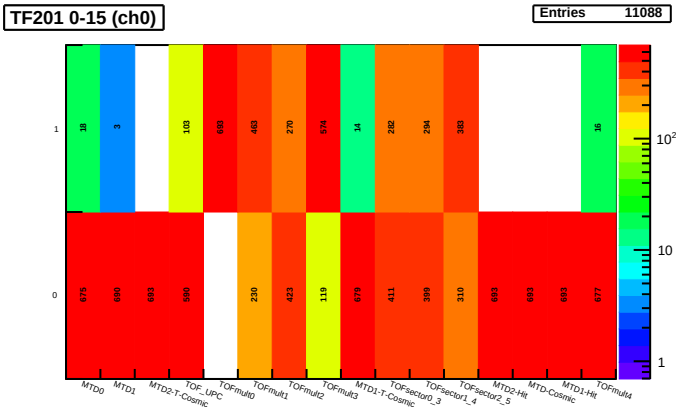

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

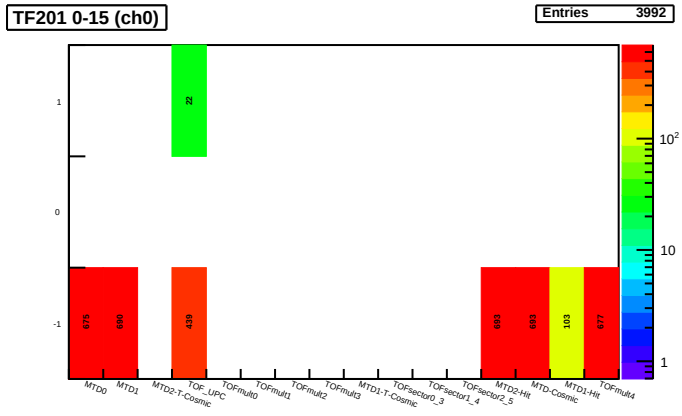

mFP201JP_FM103 large north
Entries 2079
JP-T
JP-M
JP-B

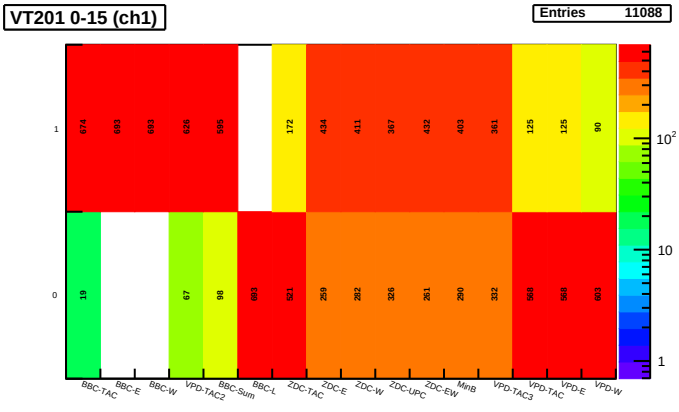

mFP201JPsim_FM103 large north
Entries 631
JP-T
JP-M
JP-B

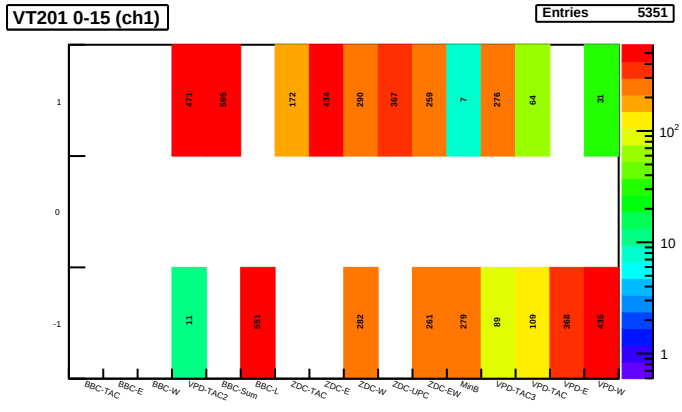

mFP201JP_FM104 large south
Entries 2079
JP-T
JP-M
JP-B

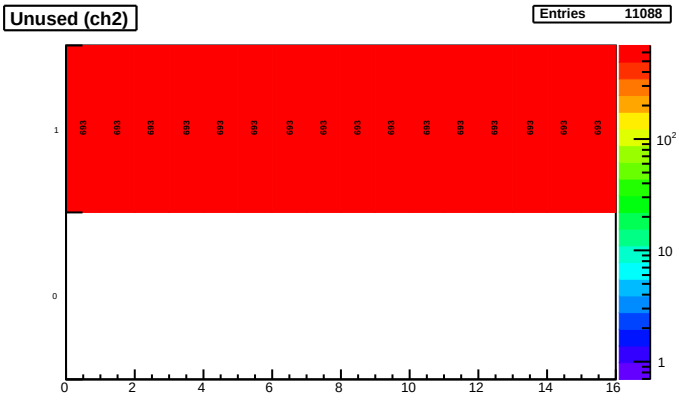

mFP201JPsim_FM104 large south
Entries 19
JP-T
JP-M
JP-B

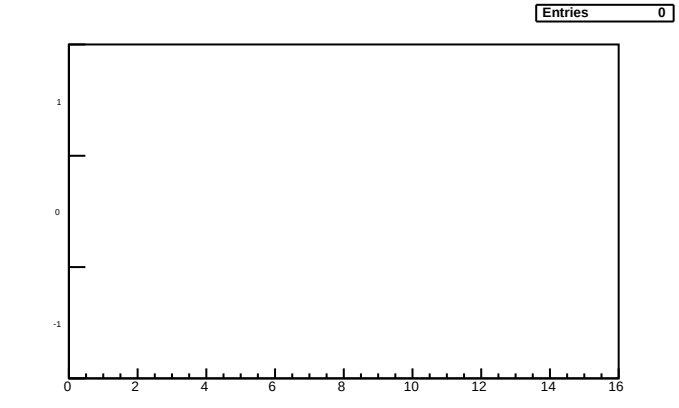

TF201 0-15 (ch0)
Entries 11088
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

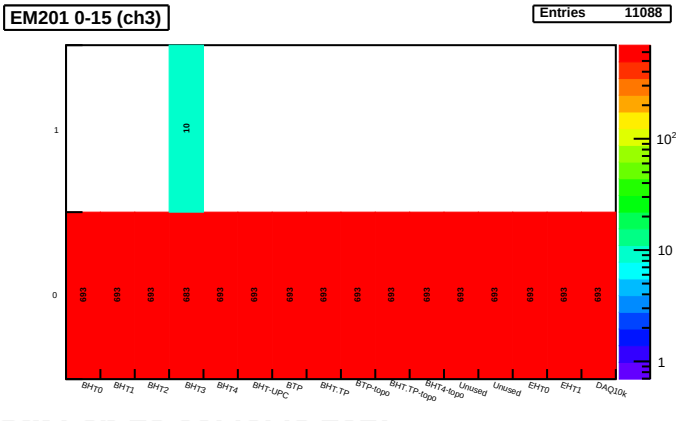

TF201 0-15 (ch0)
Entries 3992
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

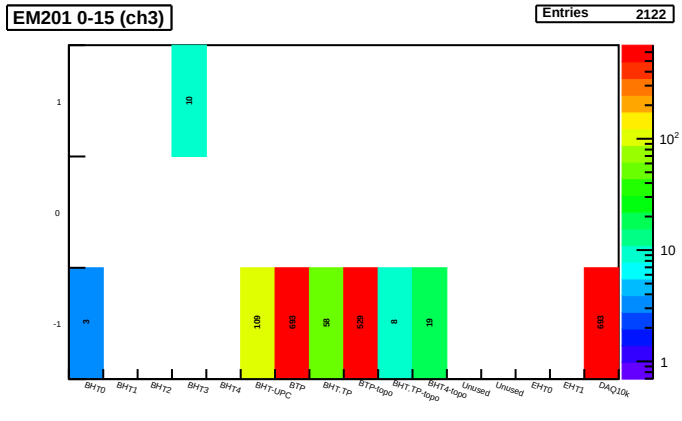

VT201 0-15 (ch1)
Entries 11088
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W


VT201 0-15 (ch1)
Entries 5351
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

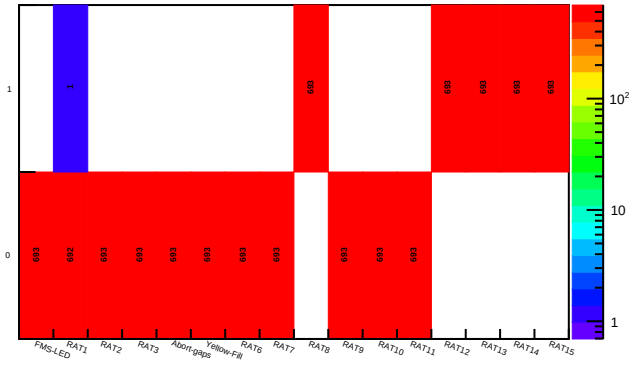

Unused (ch2)
Entries 11088

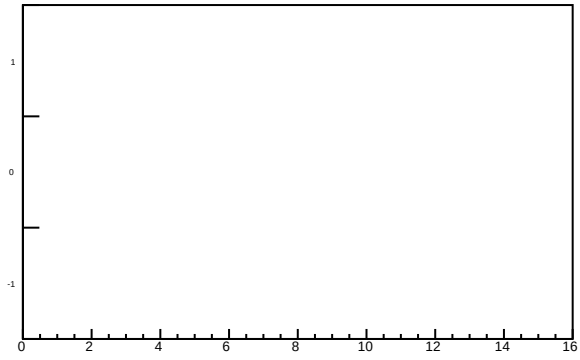

Entries 0


EM201 0-15 (ch3)
Entries 11088
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

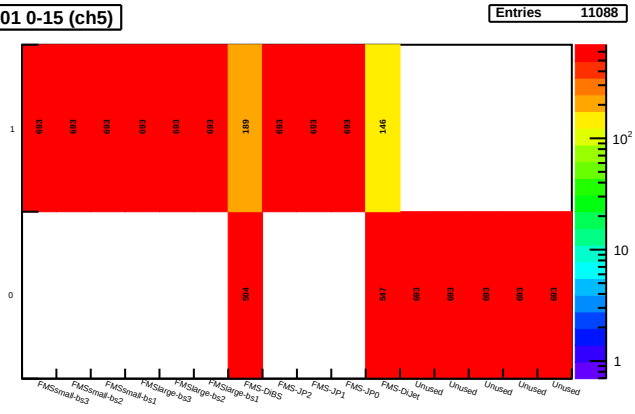

EM201 0-15 (ch3)
Entries 2122
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

RAT board (ch4)

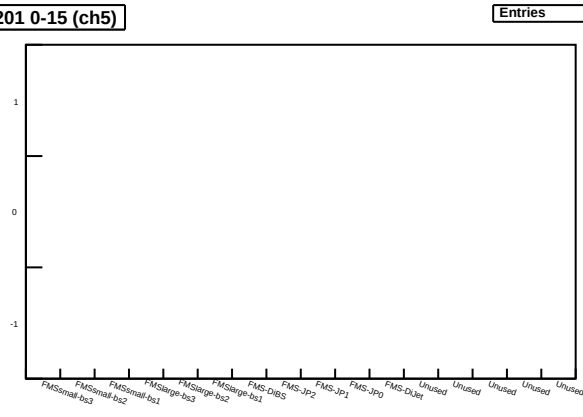




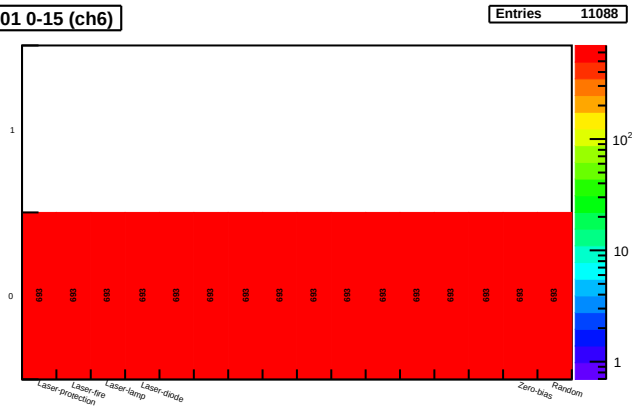
FP201 0-15 (ch5)

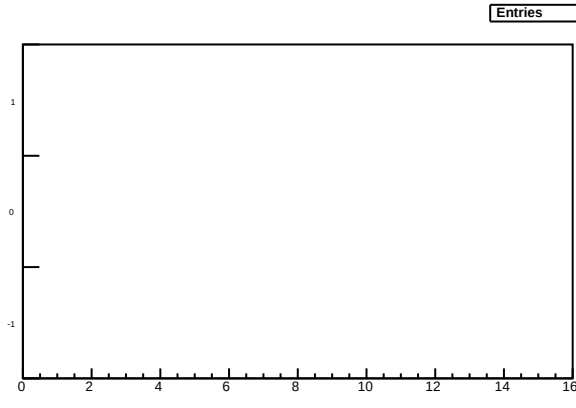
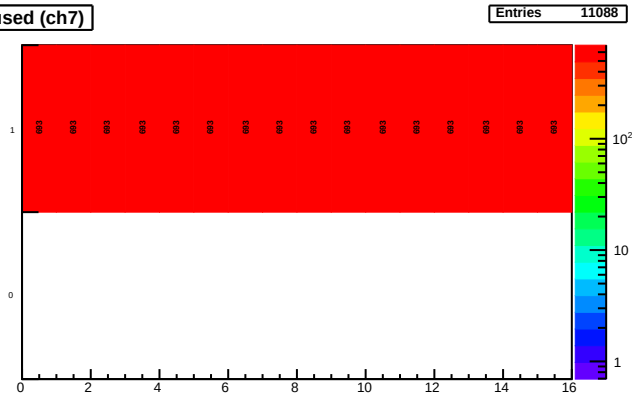
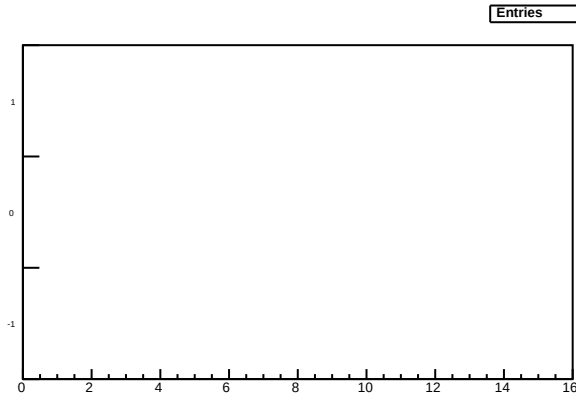


FP201 0-15 (ch5)



ST201 0-15 (ch6)





Unused (ch7)