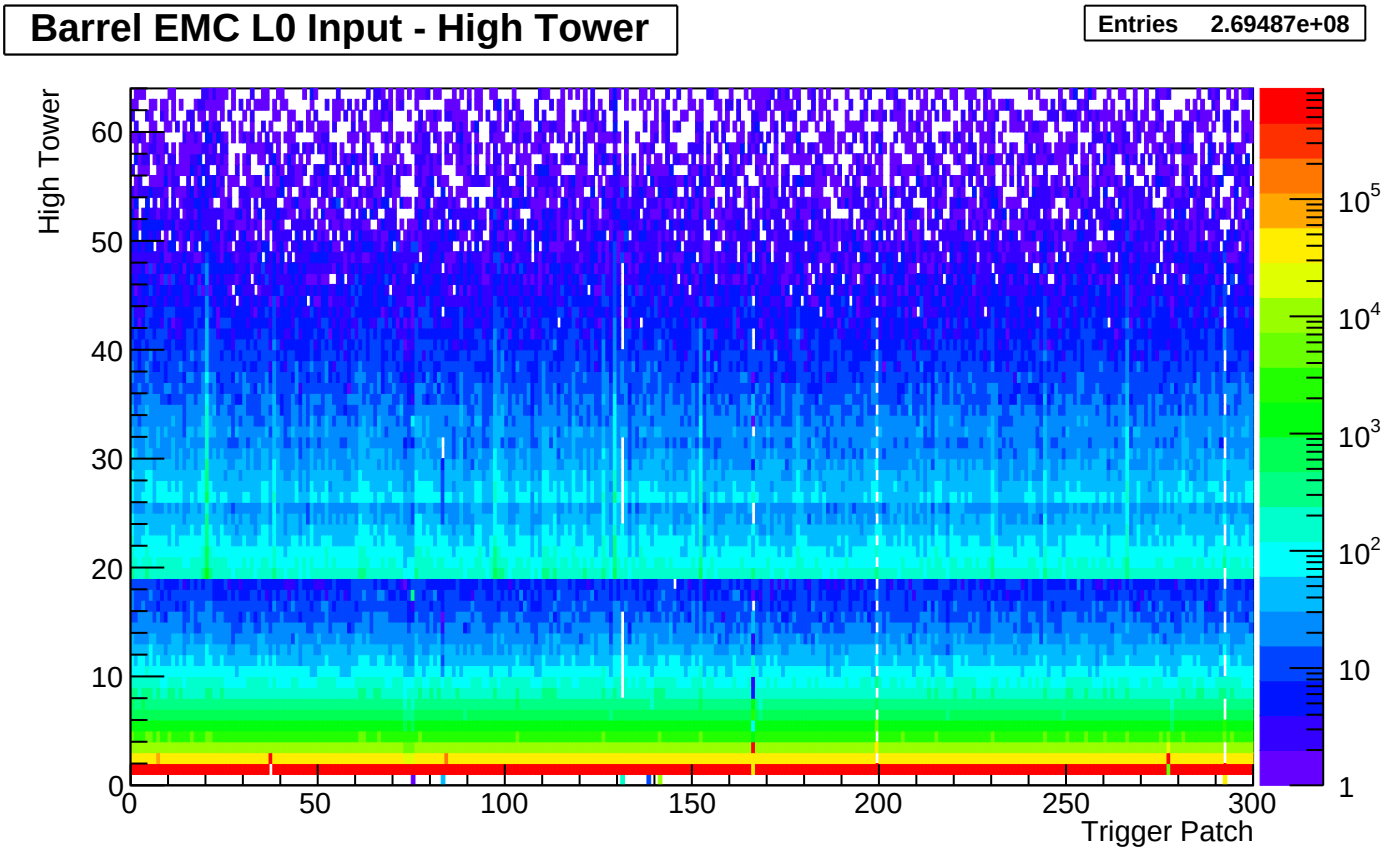
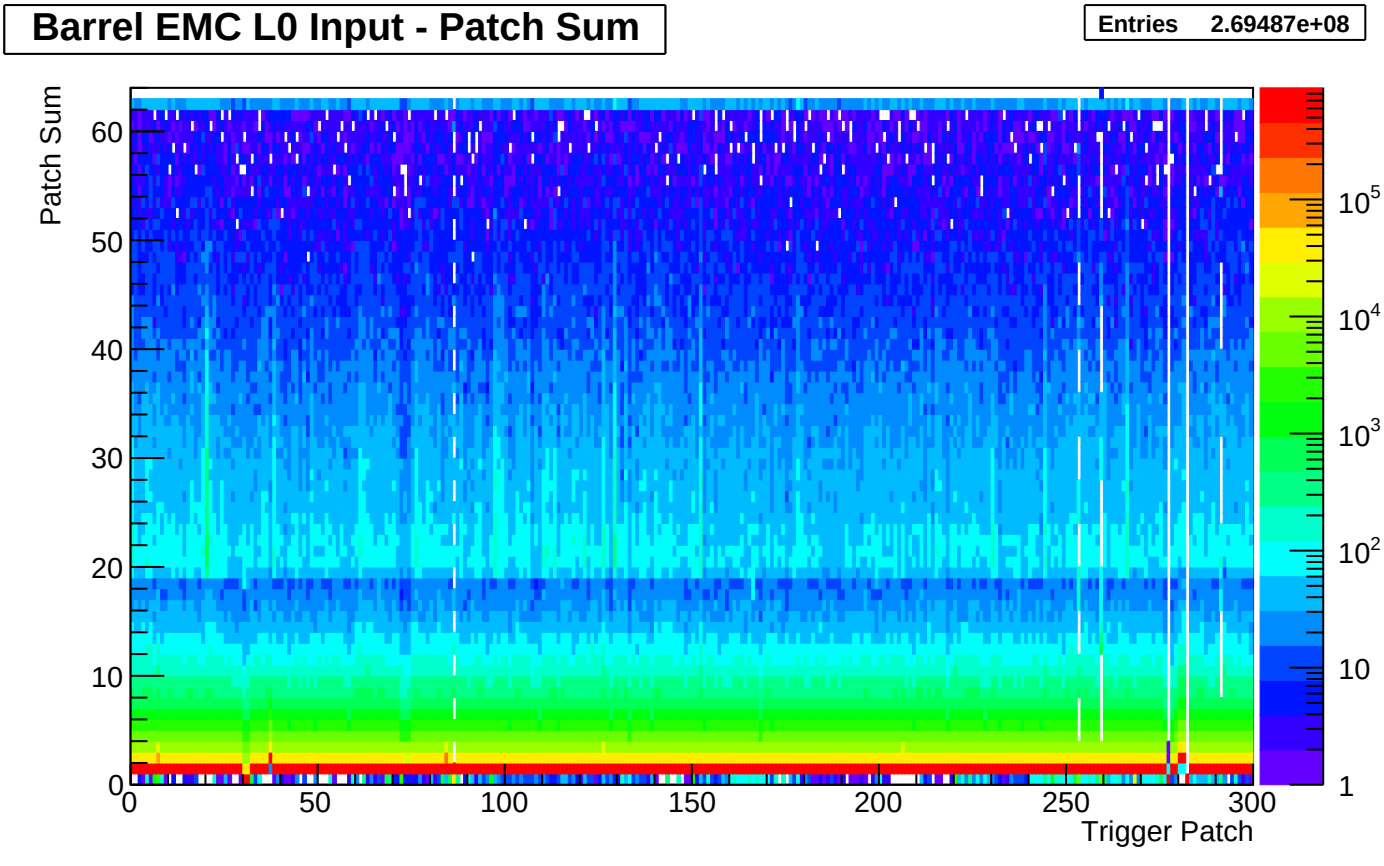
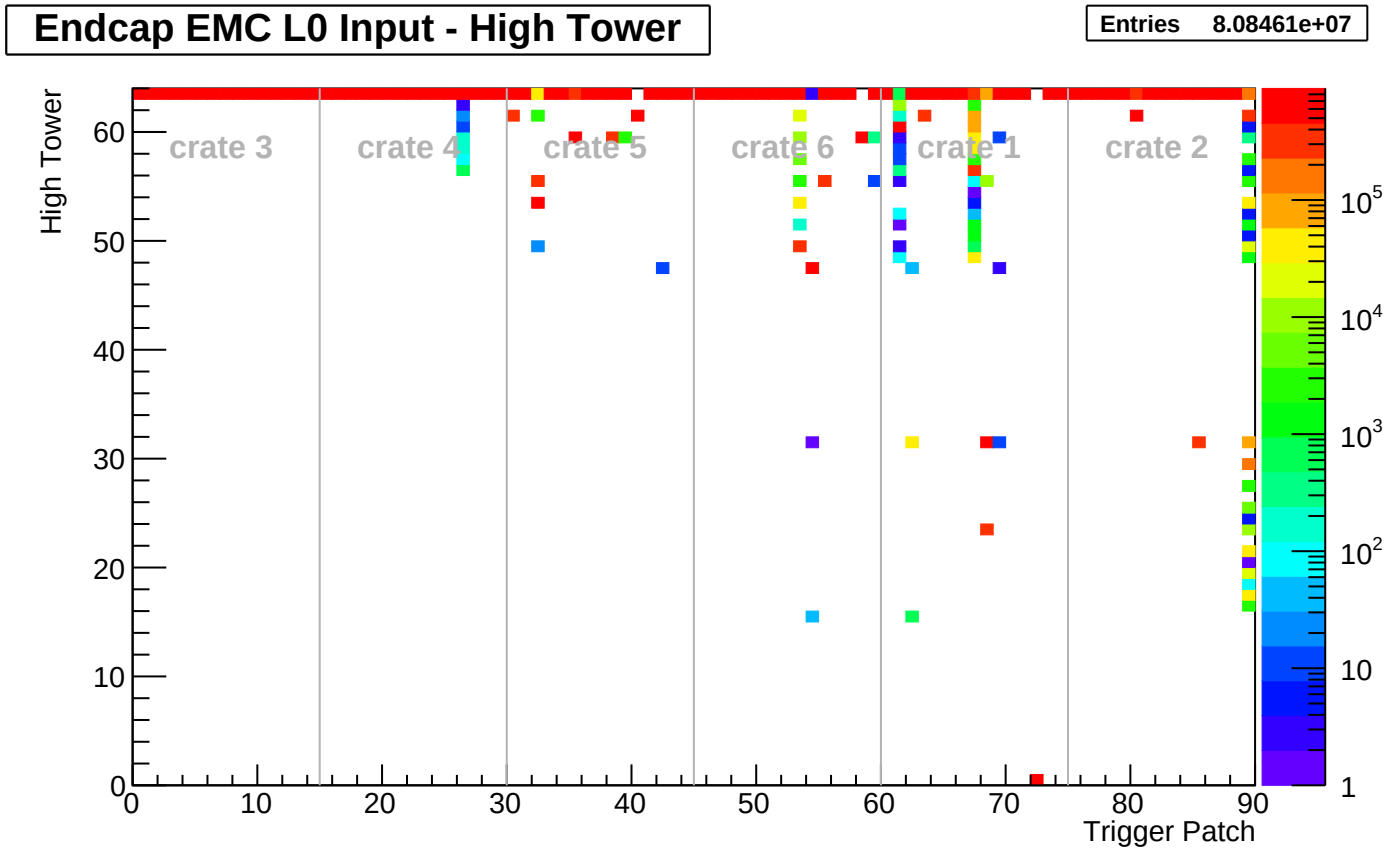
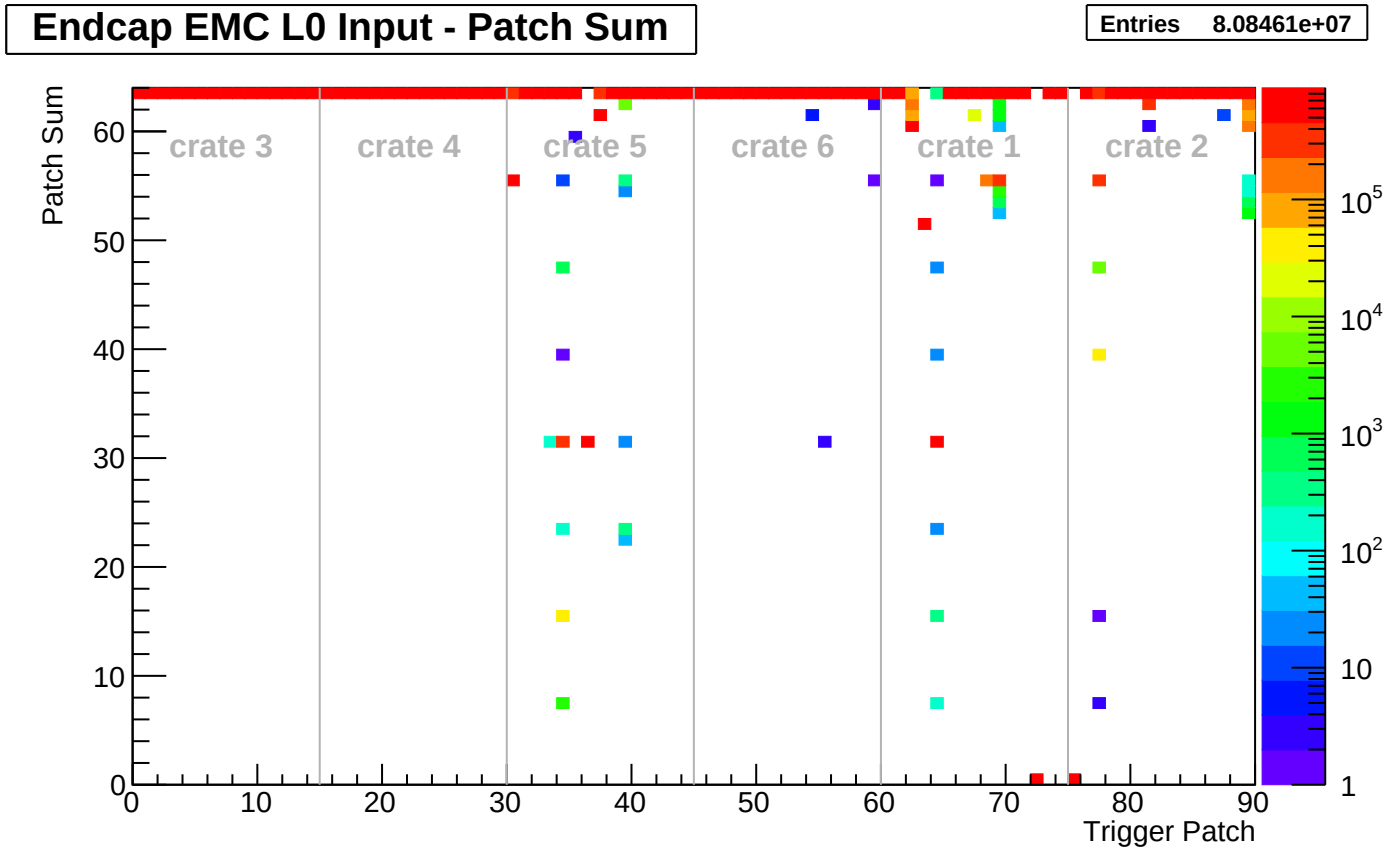
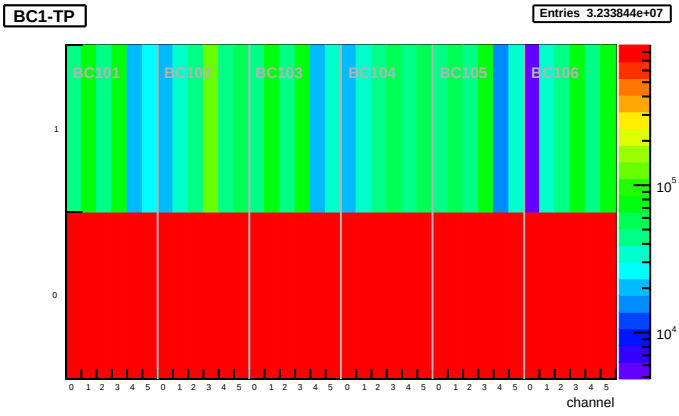
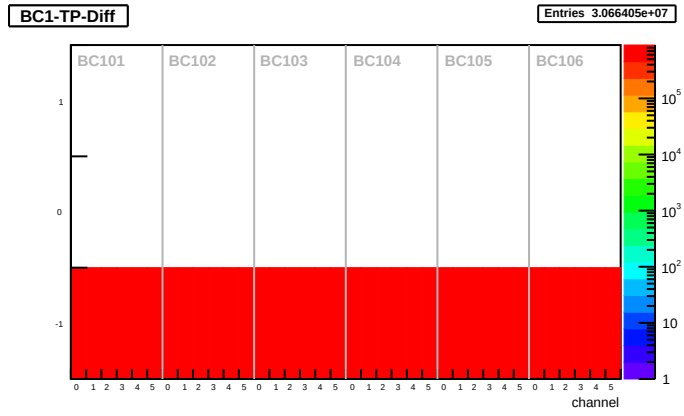

Barrel EMC L0 Input - High Tower
Entries 2.69487e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

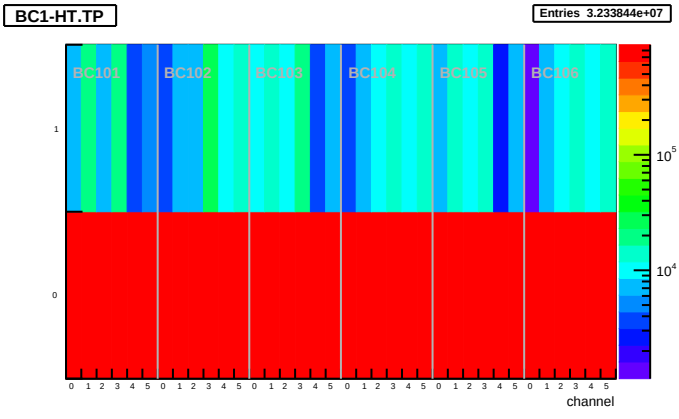

Barrel EMC L0 Input - Patch Sum
Entries 2.69487e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

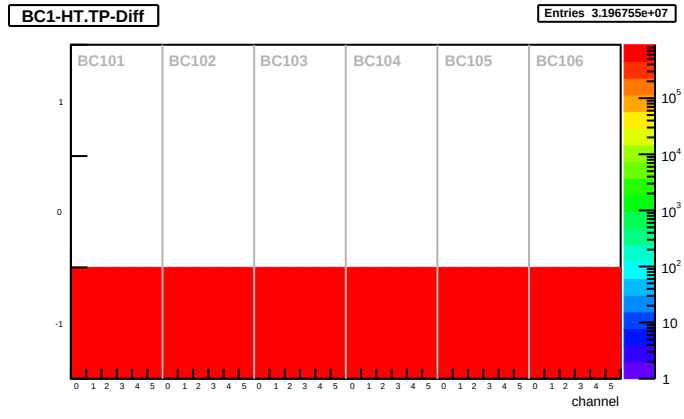

Endcap EMC L0 Input - High Tower
Entries 8.08461e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

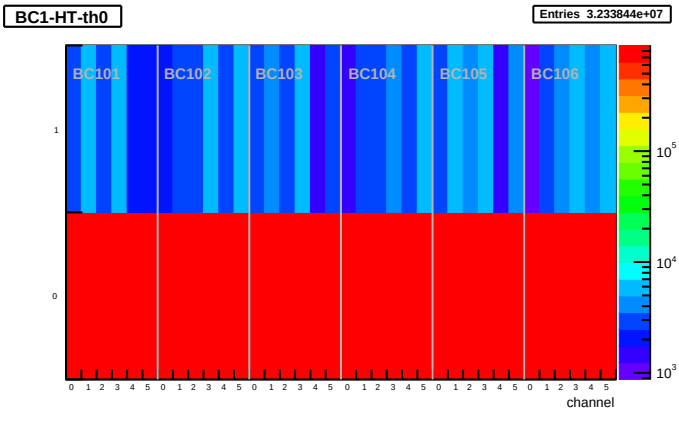

Endcap EMC L0 Input - Patch Sum
Entries 8.08461e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

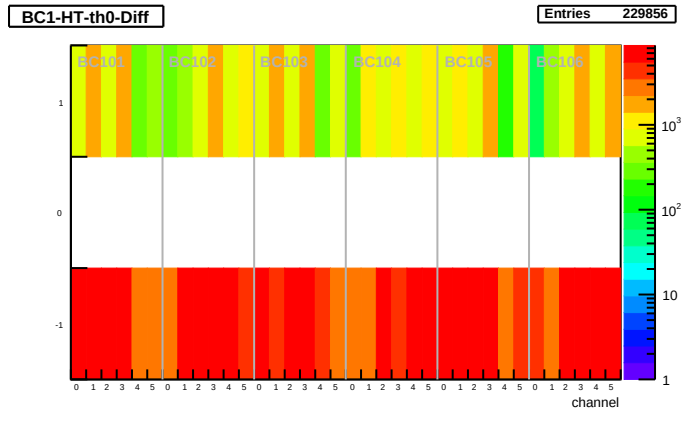

BC1-TP
Entries 3.233844e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

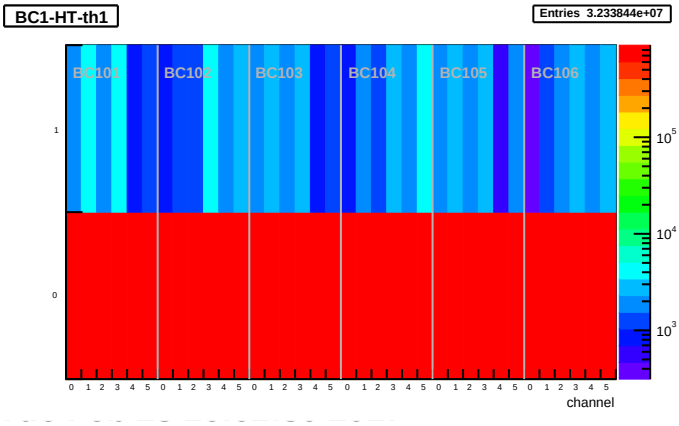

BC1-TP-Diff
Entries 3.066405e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

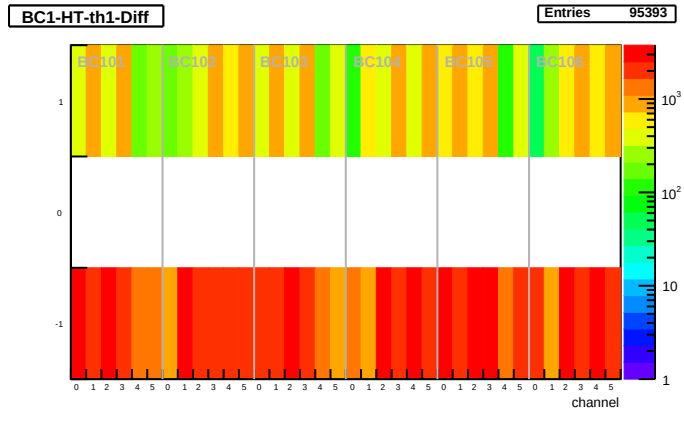

BC1-HT.TP
Entries 3.233844e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

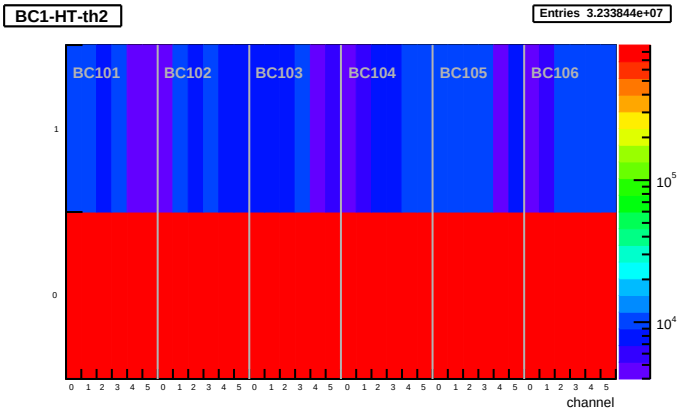

BC1-HT.TP-Diff
Entries 3.196755e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

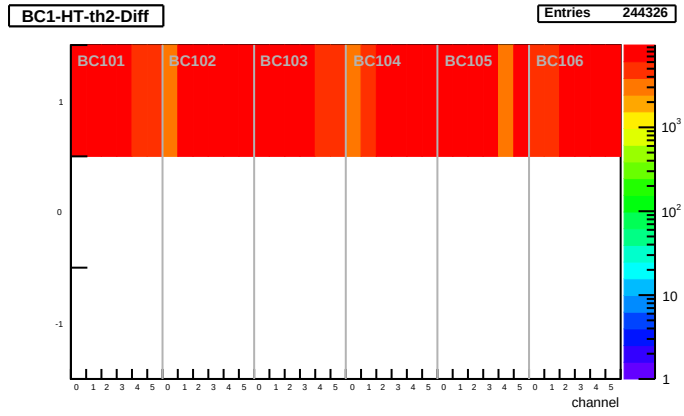

BC1-HT-th0
Entries 3.233844e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

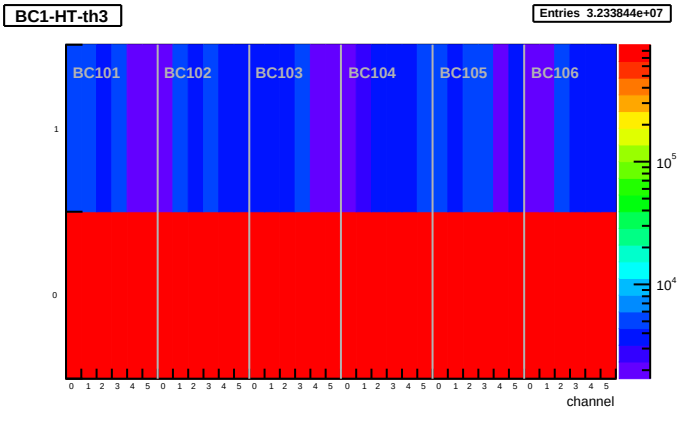

BC1-HT-th0-Diff
Entries 229856
BC101
BC102
BC103
BC104
BC105
BC106
channel

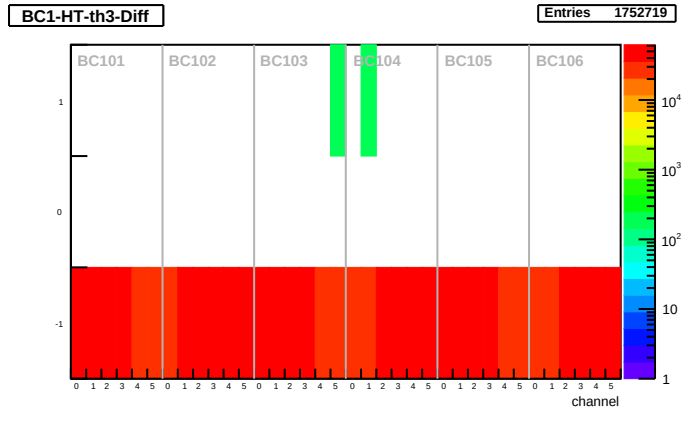

BC1-HT-th1
Entries 3.233844e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

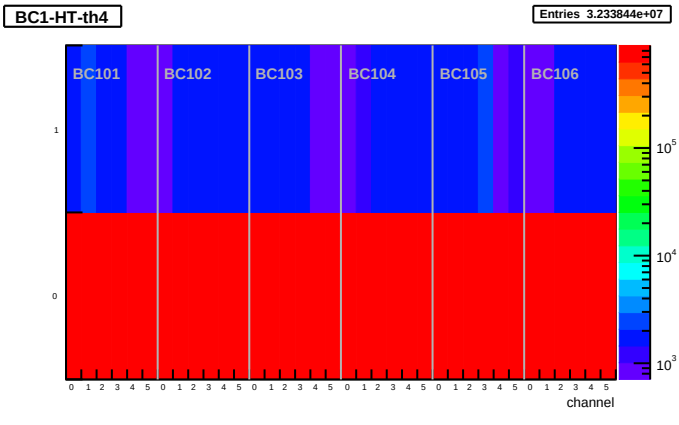

BC1-HT-th1-Diff
Entries 95393
BC101
BC102
BC103
BC104
BC105
BC106
channel

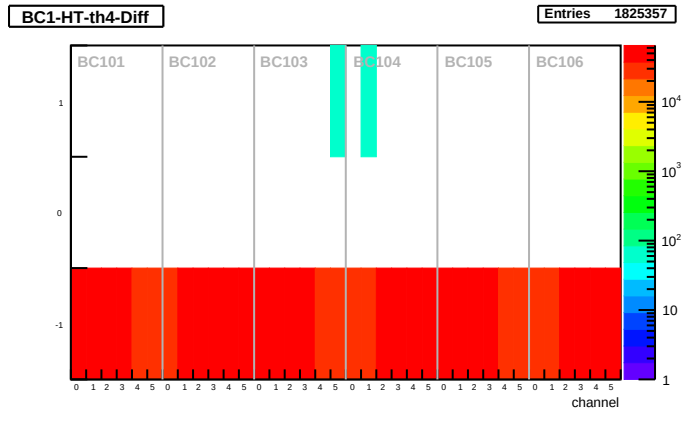

BC1-HT-th2
Entries 3.233844e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

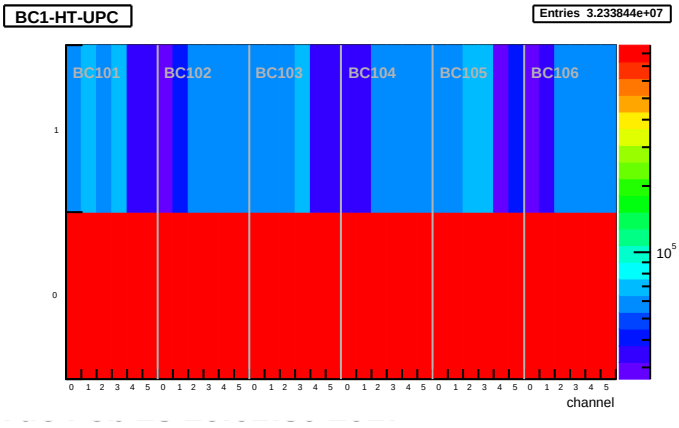

BC1-HT-th2-Diff
Entries 244326
BC101
BC102
BC103
BC104
BC105
BC106
channel

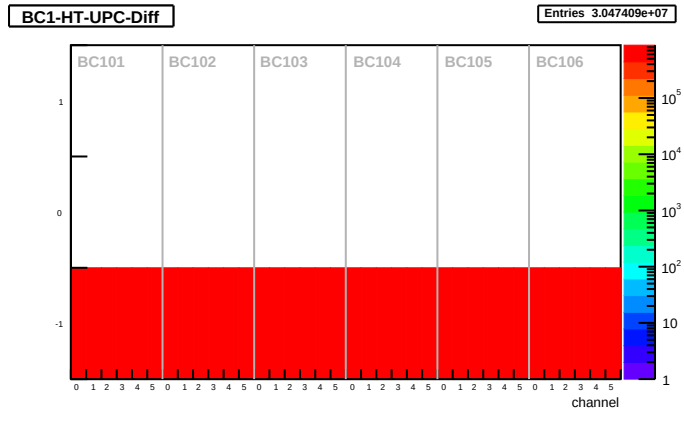

BC1-HT-th3
Entries 3.233844e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

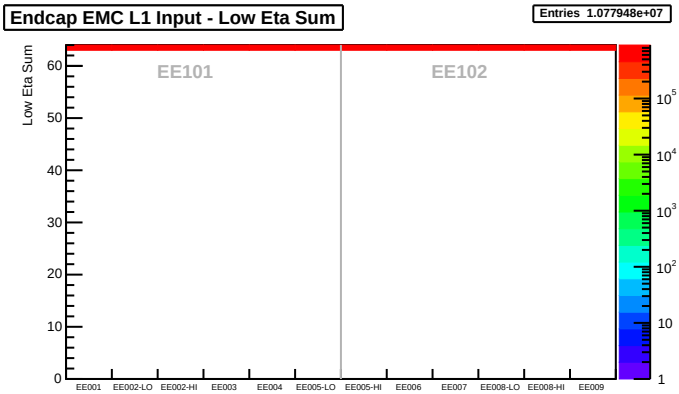

BC1-HT-th3-Diff
Entries 1752719
BC101
BC102
BC103
BC104
BC105
BC106
channel

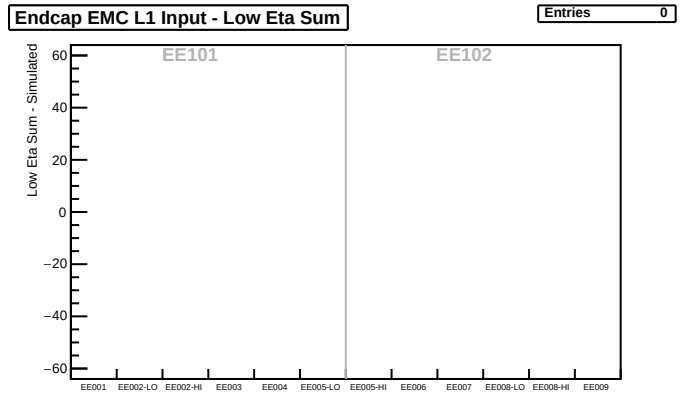

BC1-HT-th4
Entries 3.233844e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

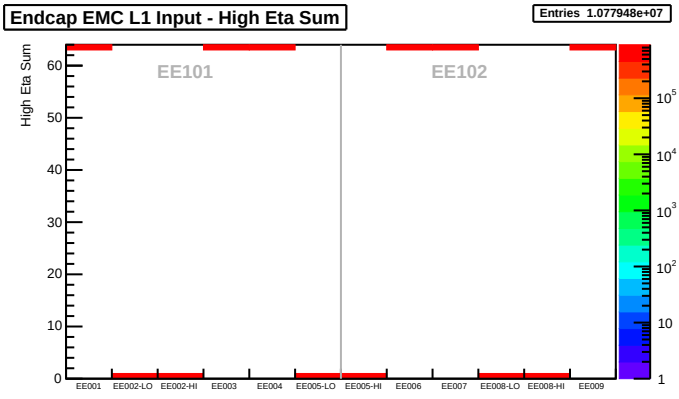

BC1-HT-th4-Diff
Entries 1825357
BC101
BC102
BC103
BC104
BC105
BC106
channel

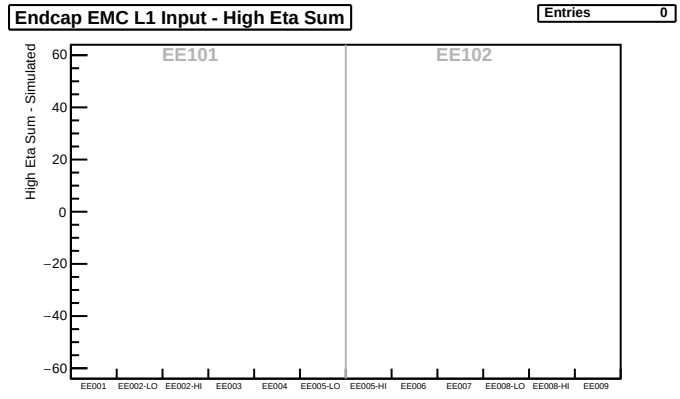

BC1-HT-UPC
Entries 3.233844e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

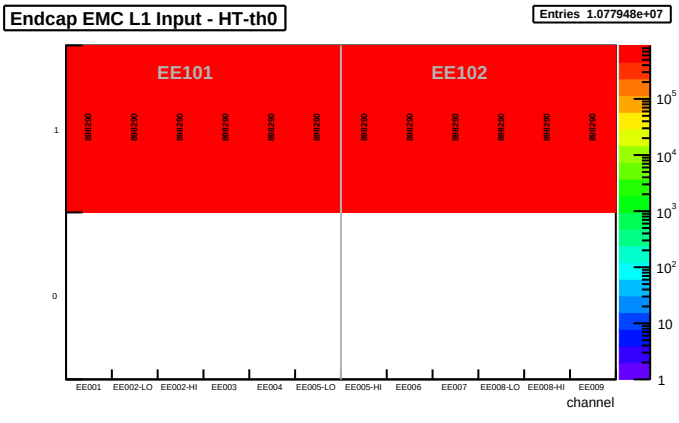

BC1-HT-UPC-Diff
Entries 3.047409e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

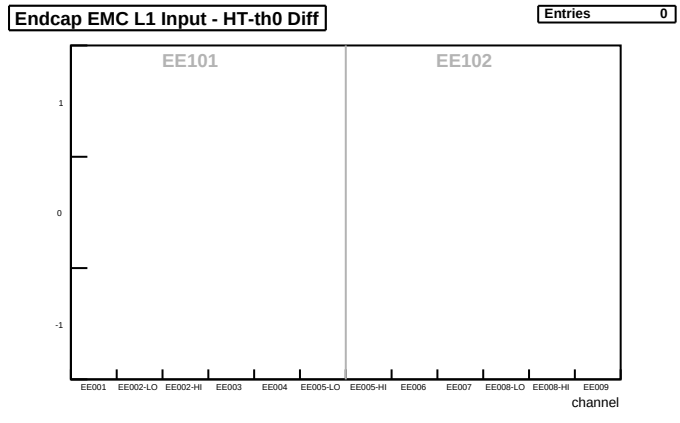

Endcap EMC L1 Input - Low Eta Sum
Entries 1.077948e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

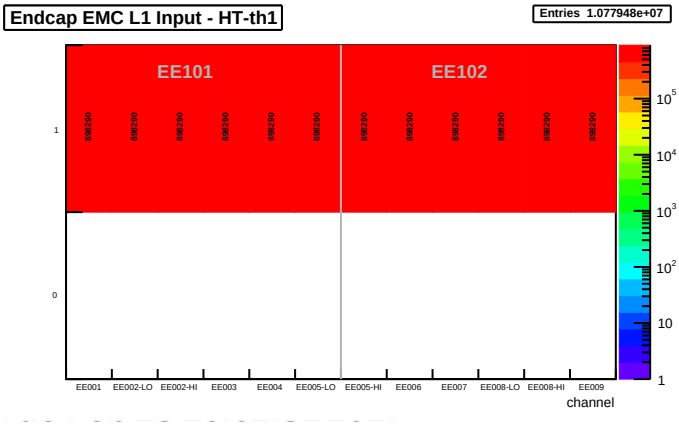

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

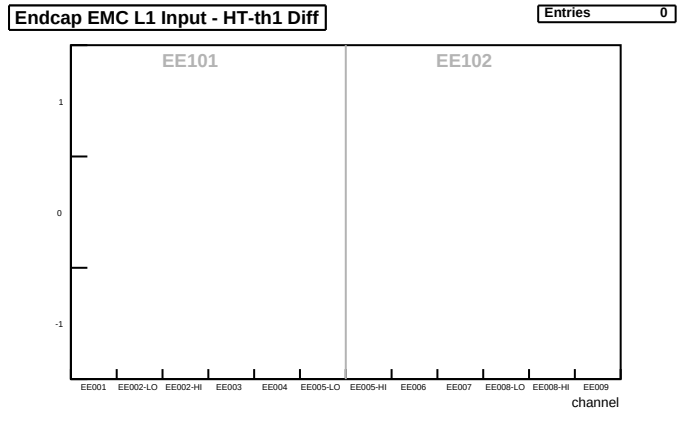

Endcap EMC L1 Input - High Eta Sum
Entries 1.077948e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

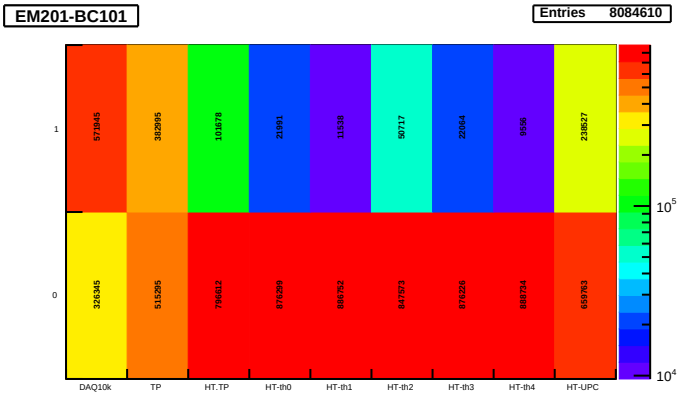

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

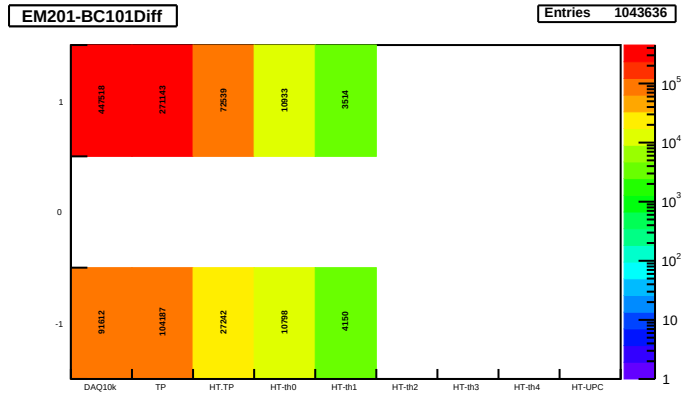

Endcap EMC L1 Input - HT-th0
Entries 1.077948e+07
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

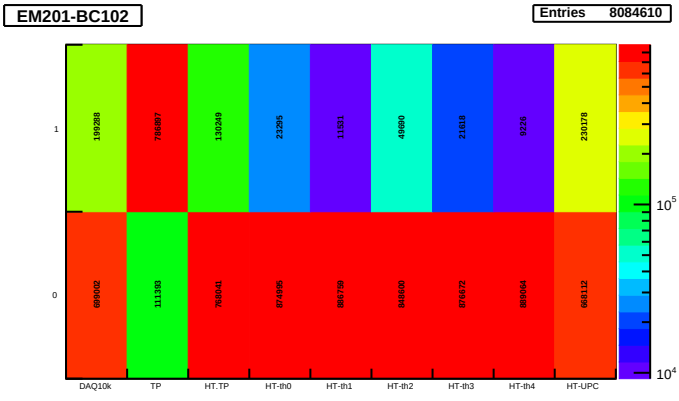

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

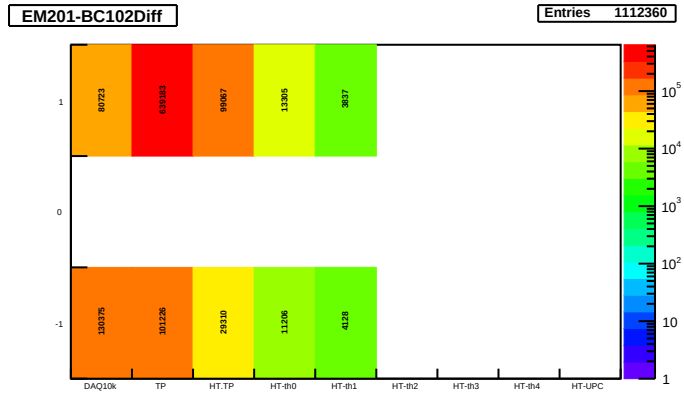

Endcap EMC L1 Input - HT-th1
Entries 1.077948e+07
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

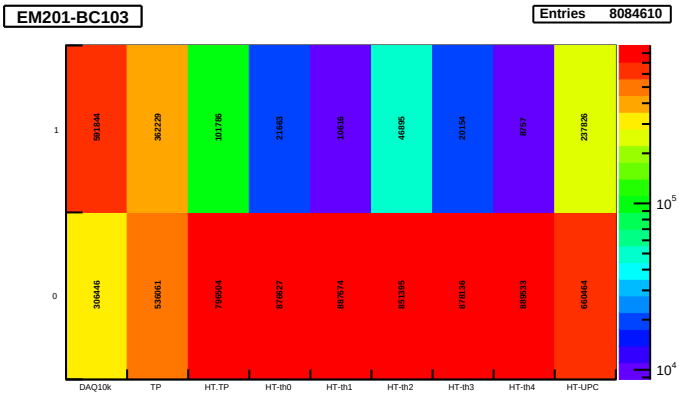

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

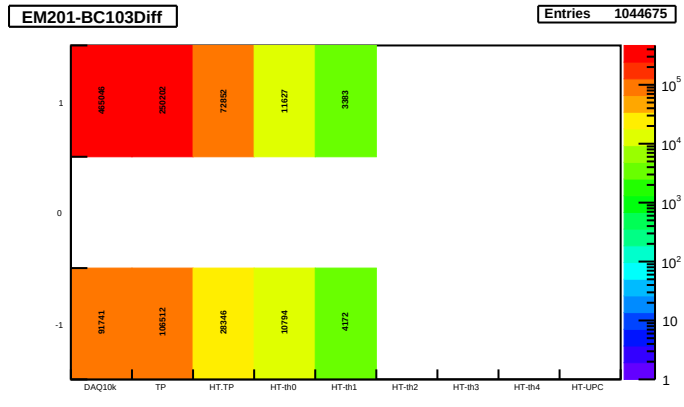

EM201-BC101
Entries 8084610
1
0
572945
382995
101678
21991
11538
90717
22064
9956
238527
326345
515295
796612
876259
886752
847573
876226
888724
659763
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4

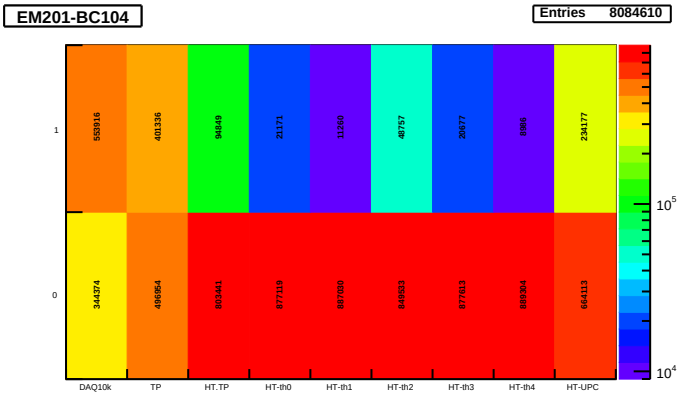

EM201-BC101Diff
Entries 1043636
1
0
-1
447518
271143
72539
10933
3514
91612
104487
27242
10798
4150
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

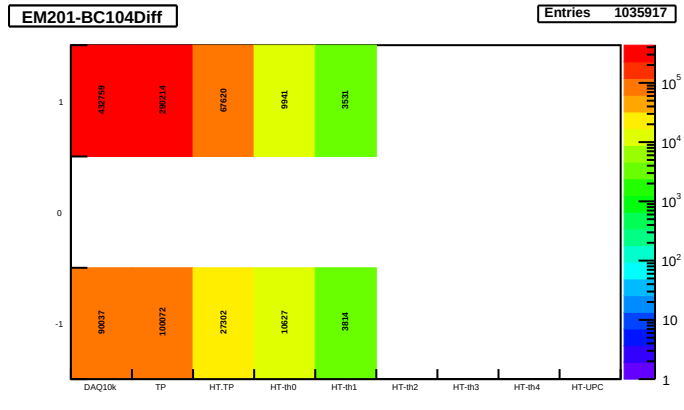

EM201-BC102
Entries 8084610
1
0
199288
785807
130249
23295
11531
49990
21618
9226
230178
699002
111393
780041
874995
886759
849600
876672
889064
668112
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC102Diff
Entries 1112360
1
0
-1
80723
639183
99067
13305
3837
130375
101226
29310
11206
4128
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

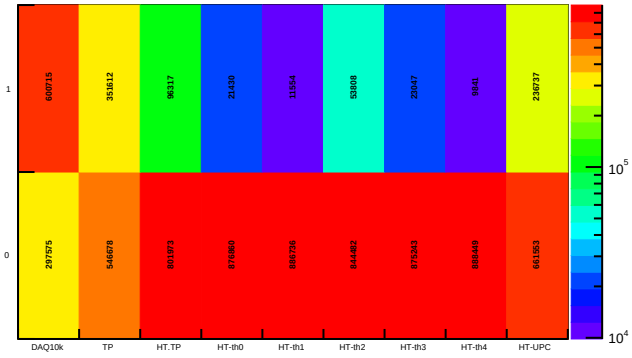

EM201-BC103
Entries 8084610
1
0
591844
362229
101786
21663
10516
46895
20154
6757
237826
306446
538061
796604
876627
887674
851395
878136
888533
660464
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC103Diff
Entries 1044675
1
0
-1
465046
250202
72082
11627
3383
91741
106512
28346
10794
4172
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

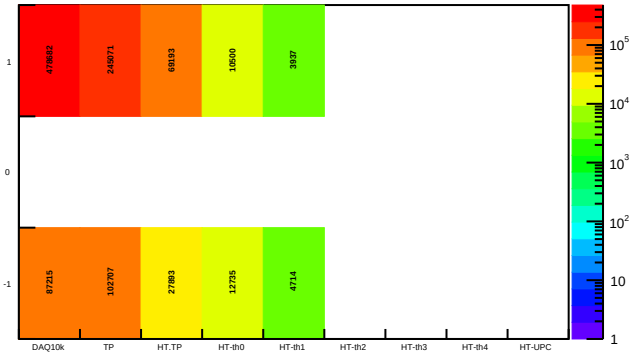

EM201-BC104
Entries 8084610
1
0
553916
401336
94849
21171
11260
48757
20677
6886
234177
344374
496954
803441
877119
887600
849833
877613
889304
664113
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC104Diff
Entries 1035917
1
0
-1
432759
290214
67620
9941
3531
90037
100072
27302
10627
3834
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

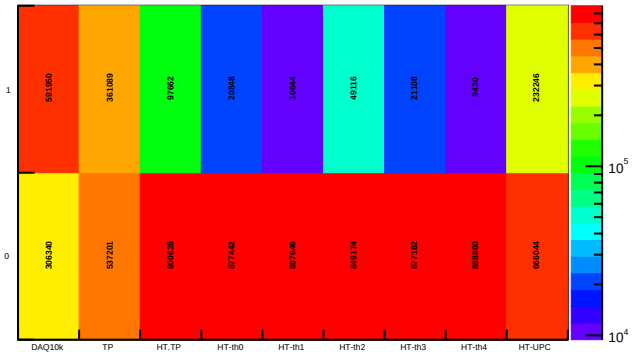
EM201-BC105 Entries 8084610



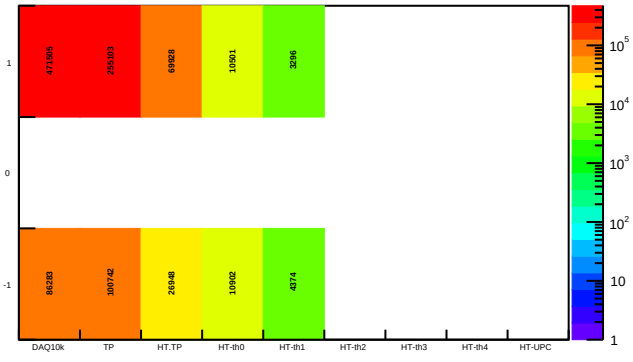
EM201-BC105Diff Entries 1042647



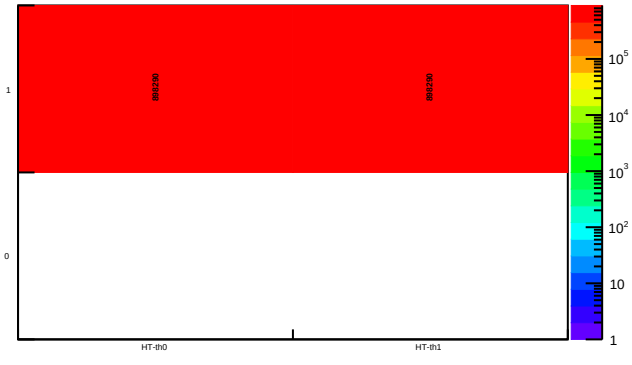
EM201-BC106 Entries 8084610



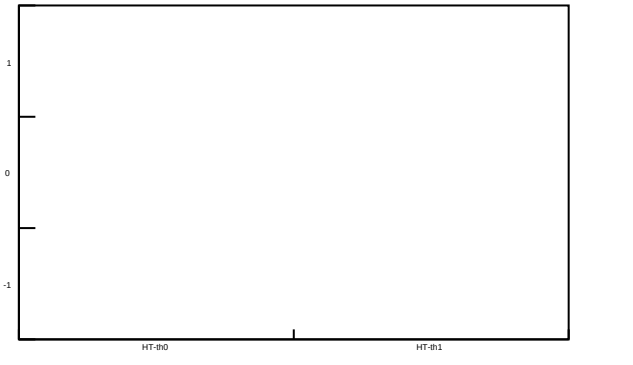
EM201-BC106Diff Entries 1039582



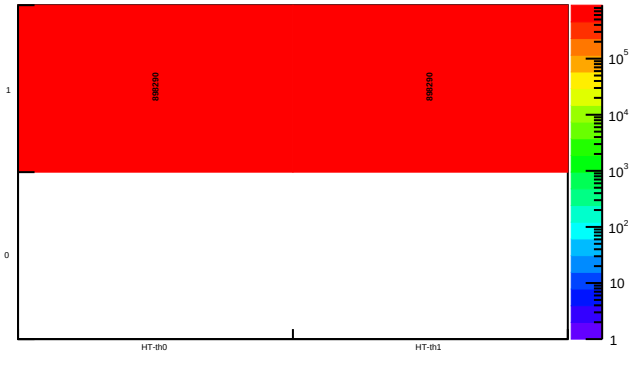
EM201-EE101 Entries 1796580



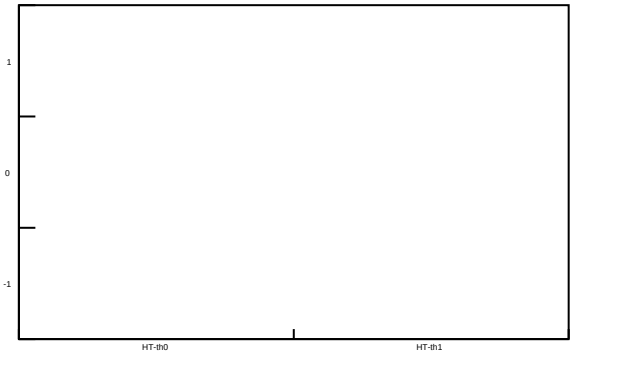
EM201-EE101Diff Entries 0

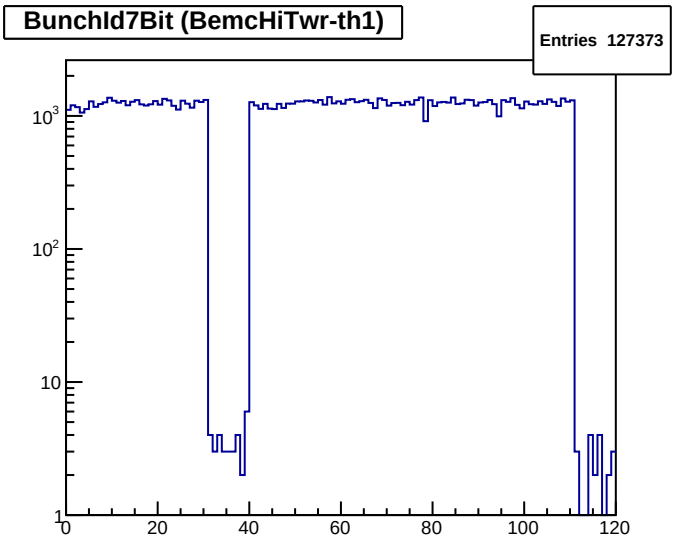


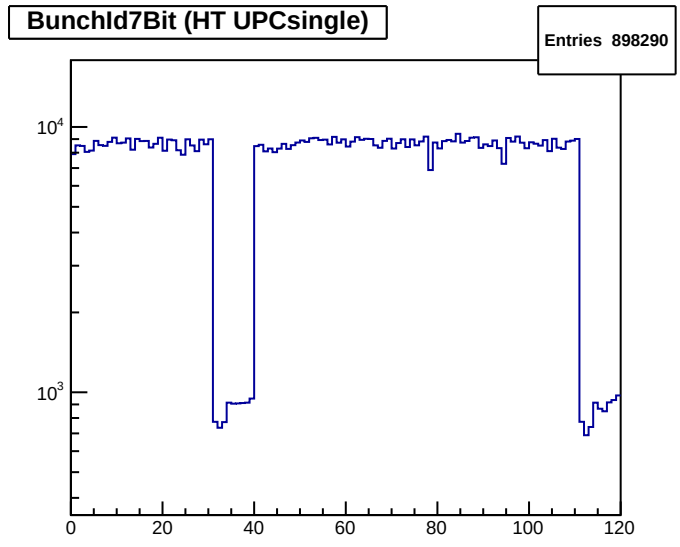
EM201-EE102 Entries 1796580

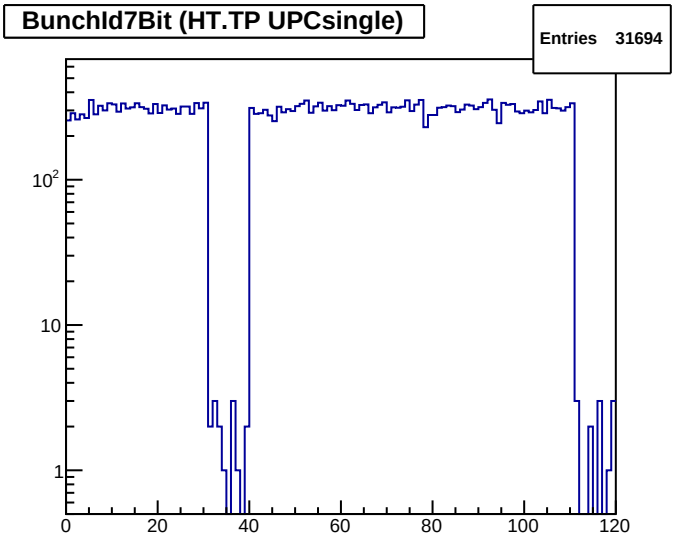


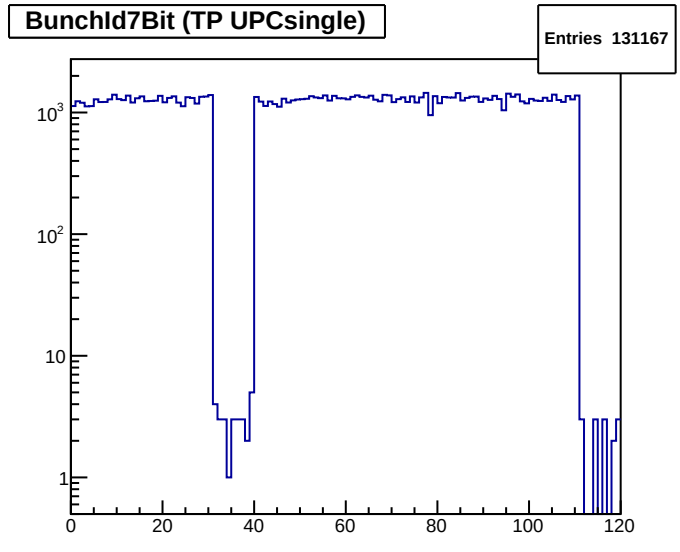
EM201-EE102Diff Entries 0

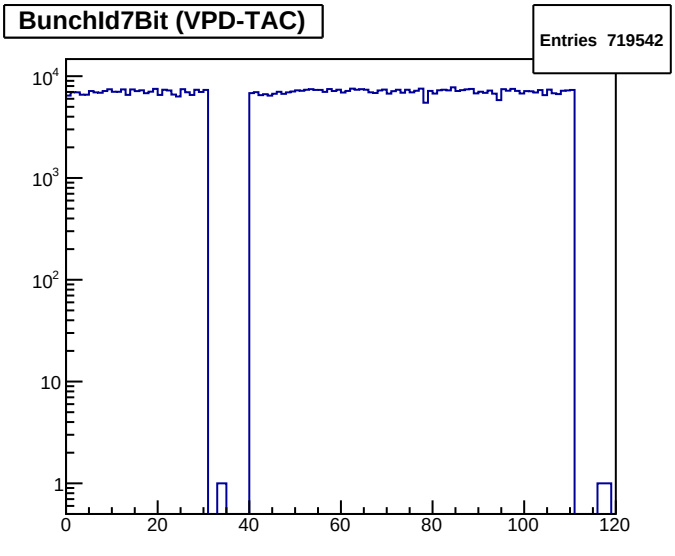


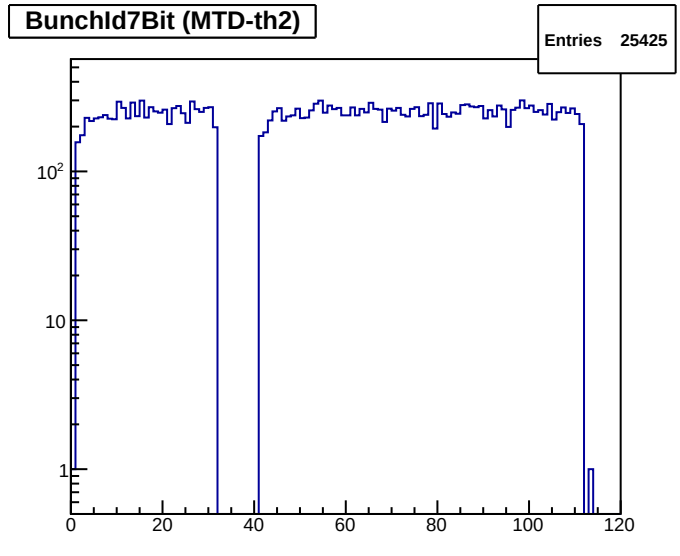

BunchId7Bit (BemcHiTwr-th1)
Entries 127373

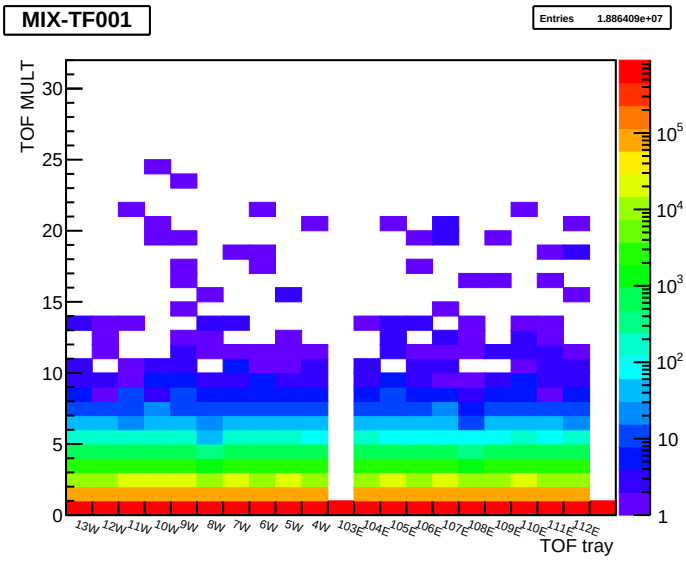

BunchId7Bit (HT UPCsingle)
Entries 898290

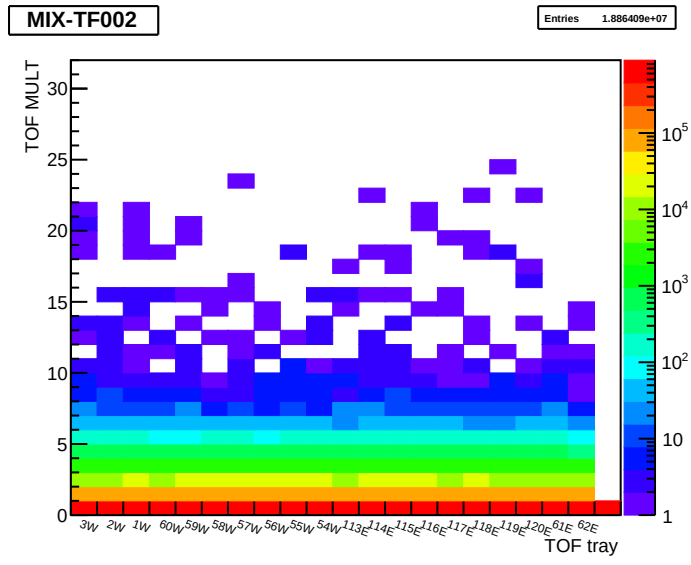

BunchId7Bit (HT.TP UPCsingle)
Entries 31694

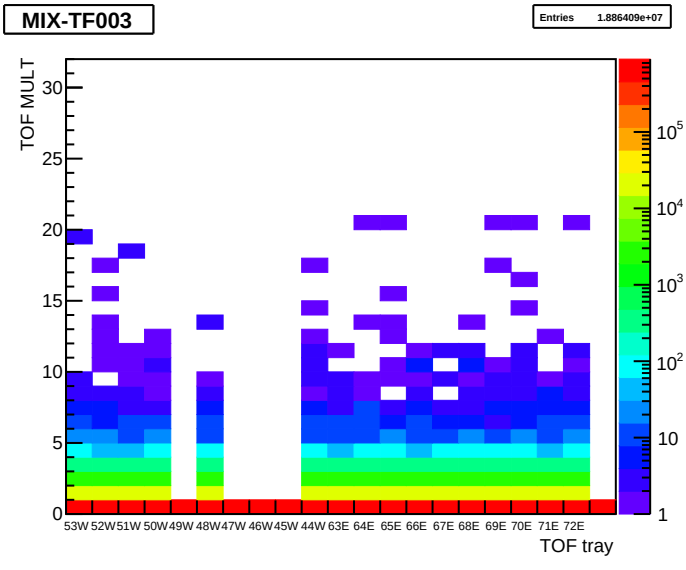

BunchId7Bit (TP UPCsingle)
Entries 131167

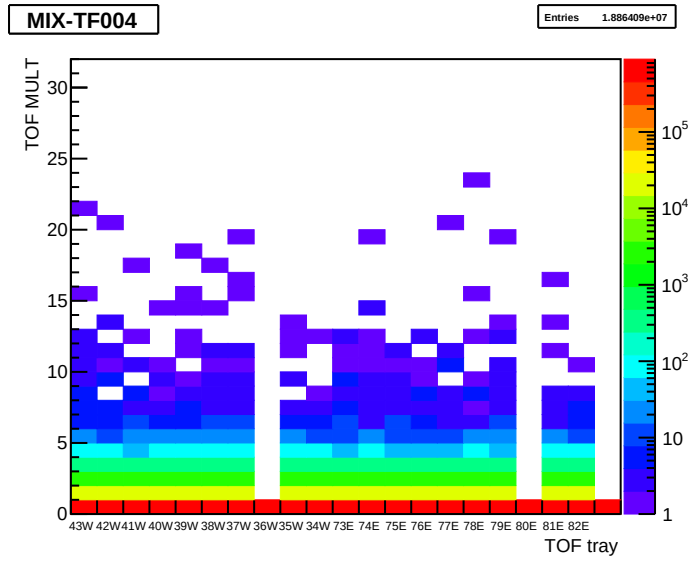

BunchId7Bit (VPD-TAC)
Entries 719542

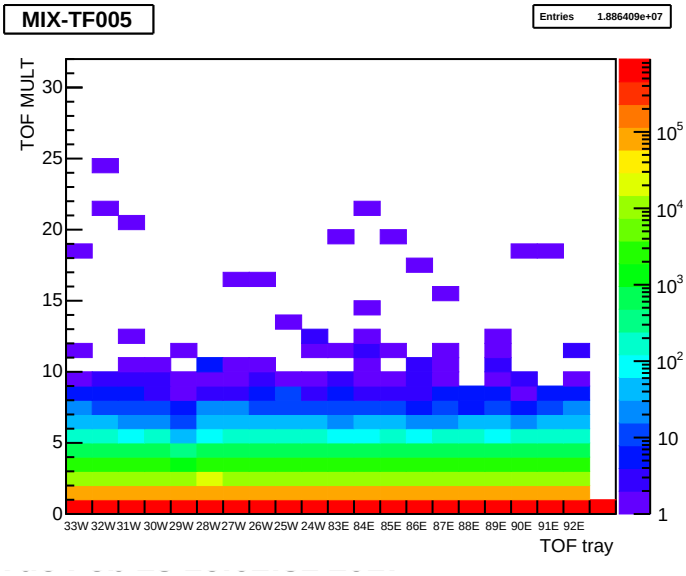

BunchId7Bit (MTD-th2)
Entries 25425

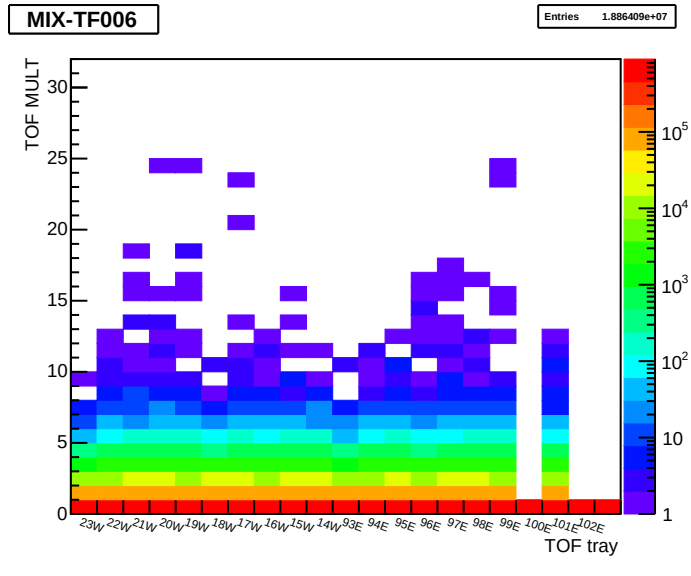

MIX-TF001
Entries 1.886409e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

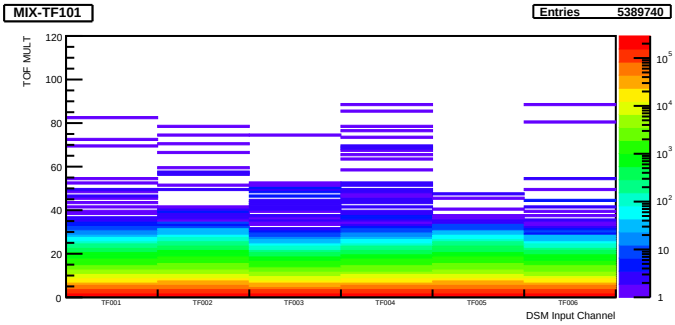

MIX-TF002
Entries 1.886409e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

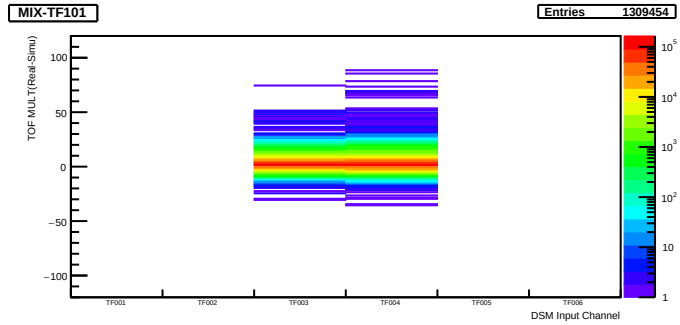

MIX-TF003
Entries 1.886409e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

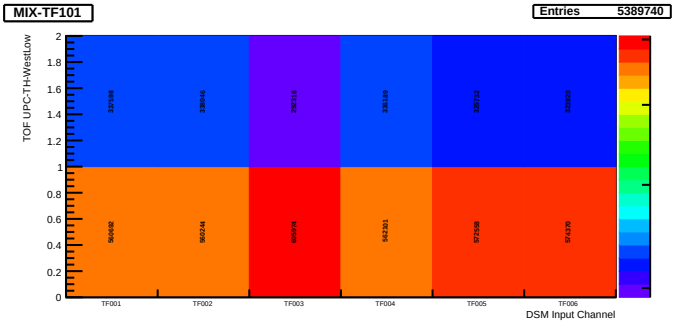

MIX-TF004
Entries 1.886409e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

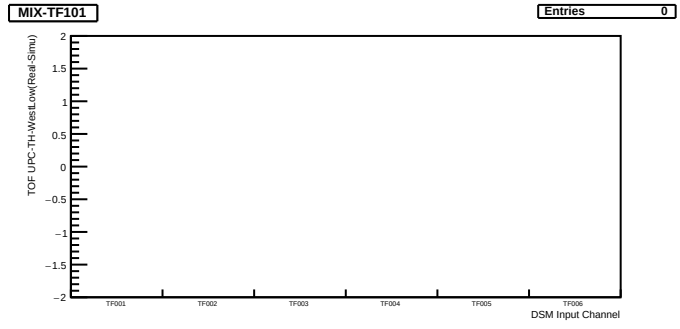

MIX-TF005
Entries 1.886409e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

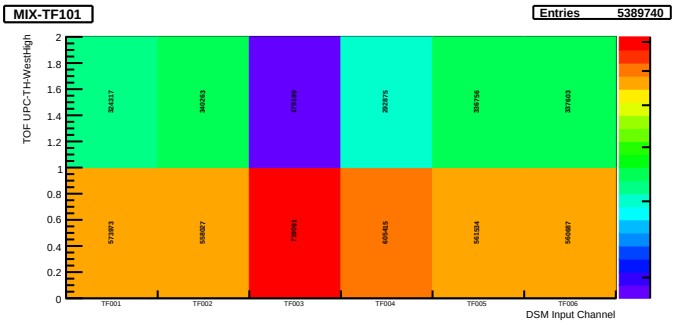

MIX-TF006
Entries 1.886409e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

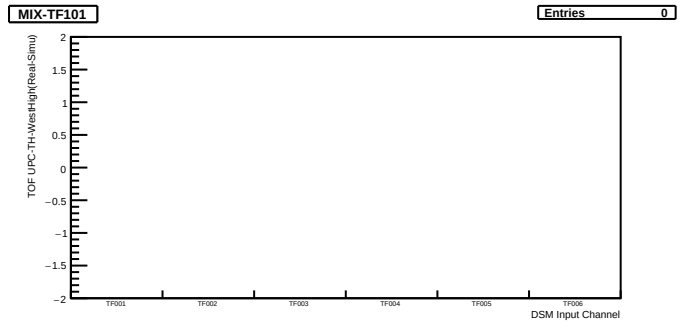

MIX-TF101
Entries 5389740
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

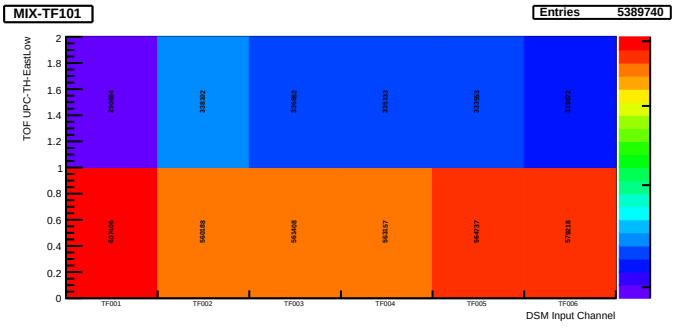

MIX-TF101
Entries 1309454
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

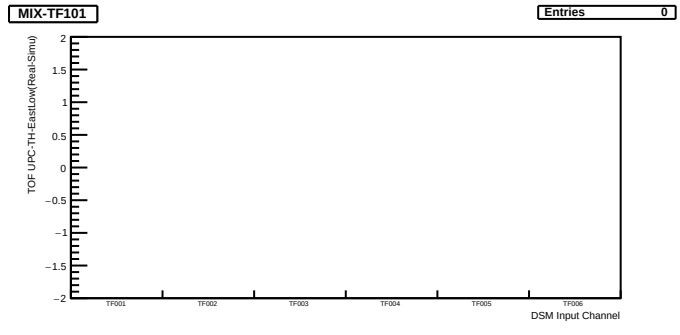

MIX-TF101
Entries 5389740
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

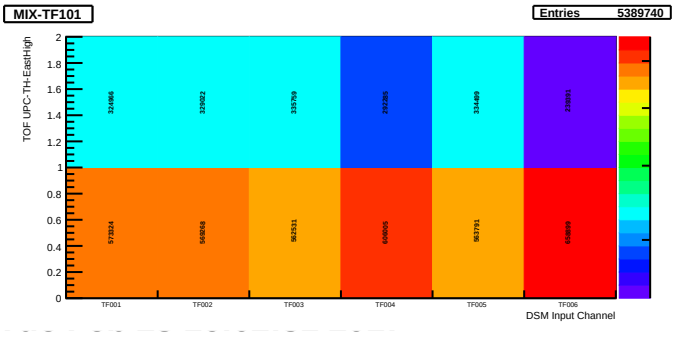

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

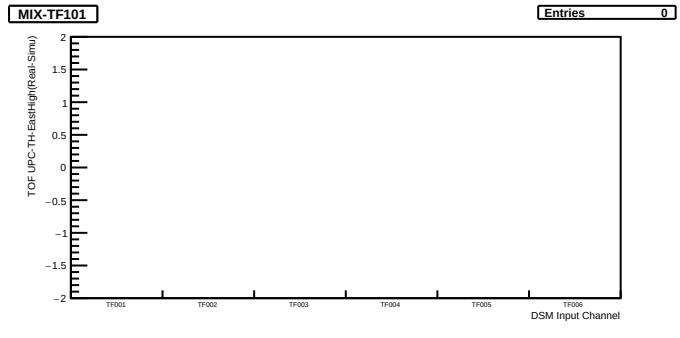

MIX-TF101
Entries 5389740
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

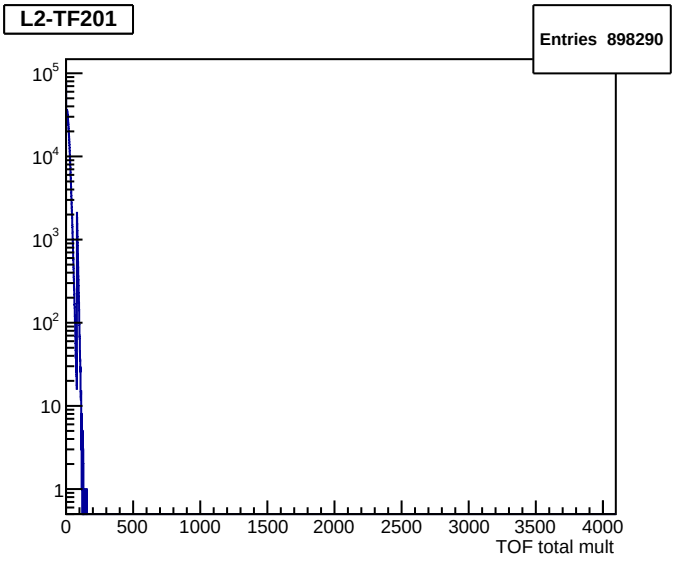

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

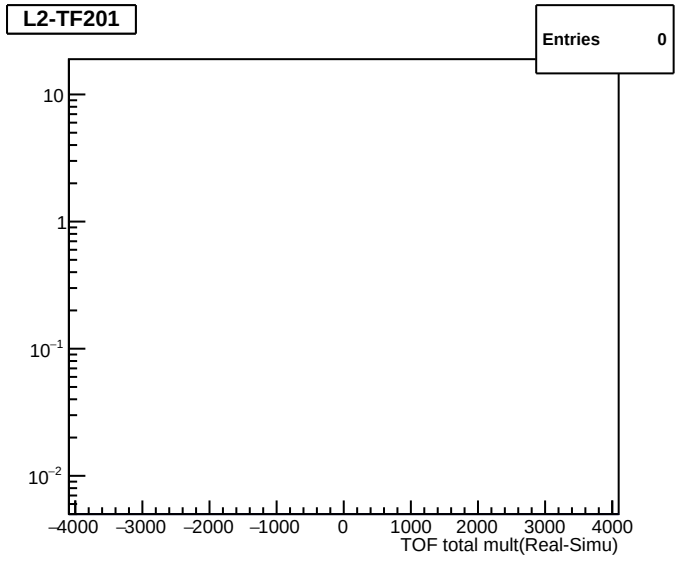

MIX-TF101
Entries 5389740
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

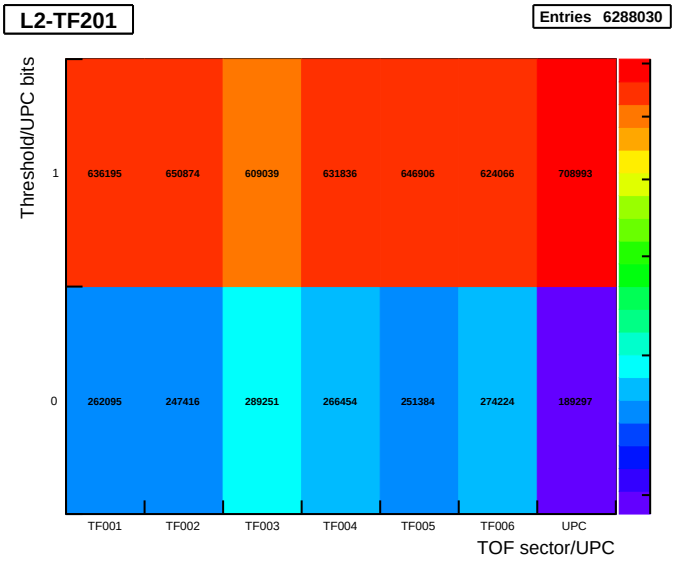

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

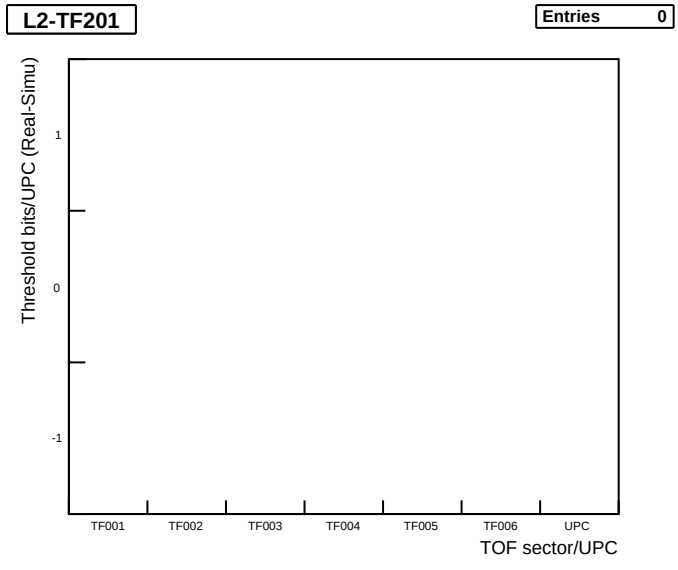

MIX-TF101
Entries 5389740
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

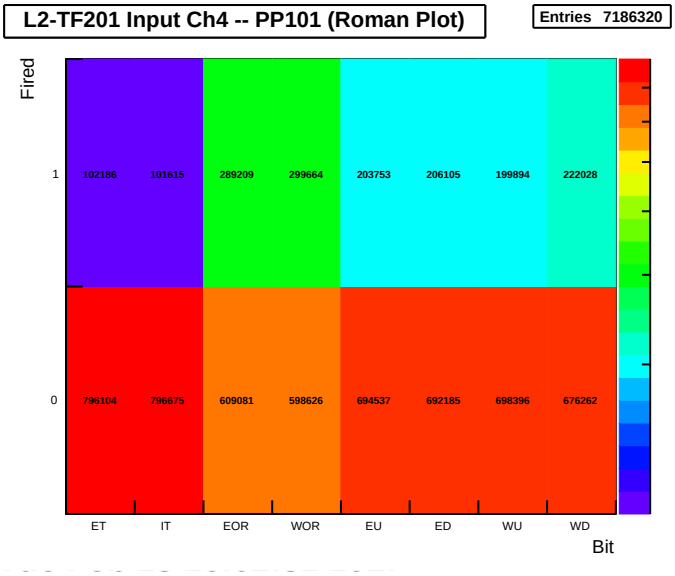

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

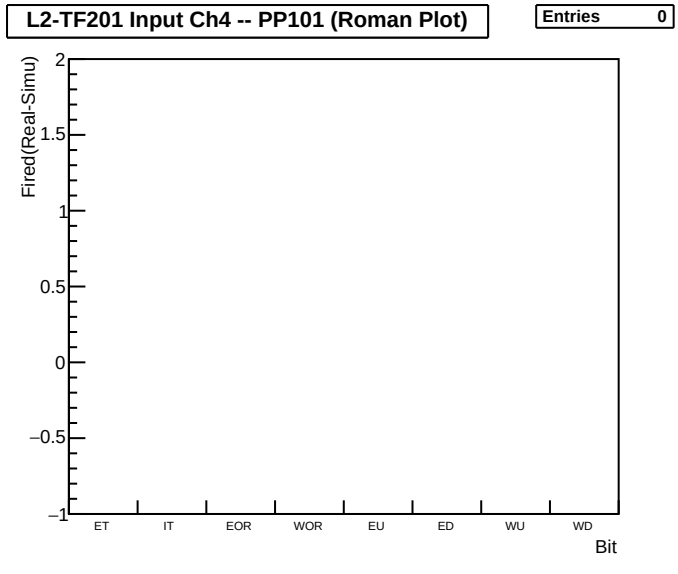

L2-TF201
Entries 898290
TOF total mult

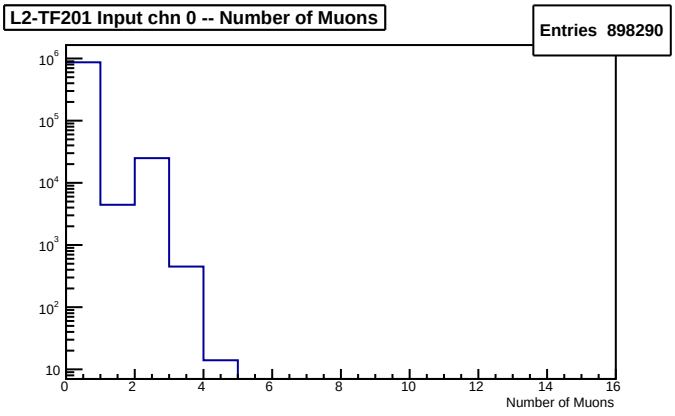

L2-TF201
Entries 0
TOF total mult(Real-Simu)

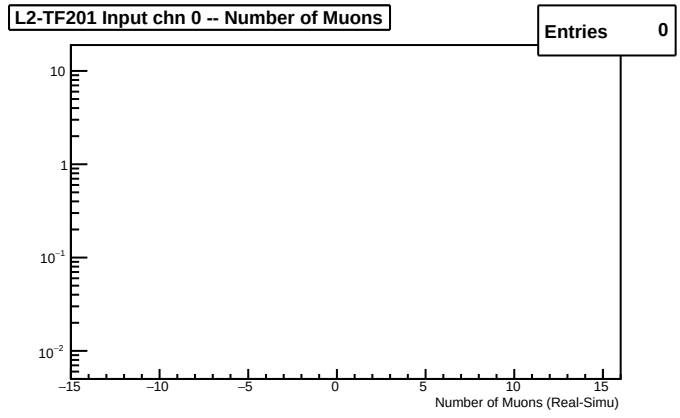

L2-TF201
Entries 6288030
Threshold/UPC bits
636195 650874 609039 631836 646906 624066 708993
262095 247416 289251 266454 251384 274224 189297
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

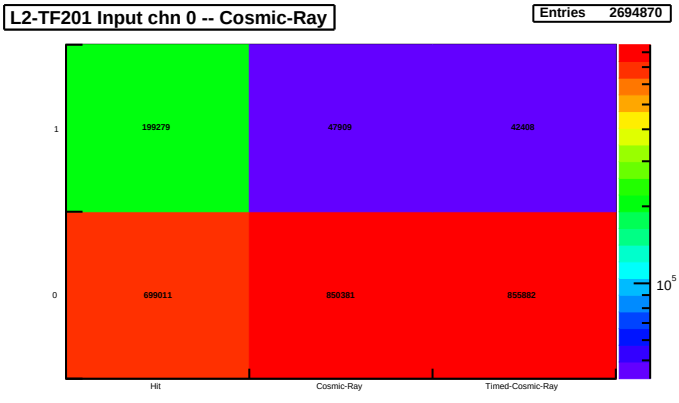

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

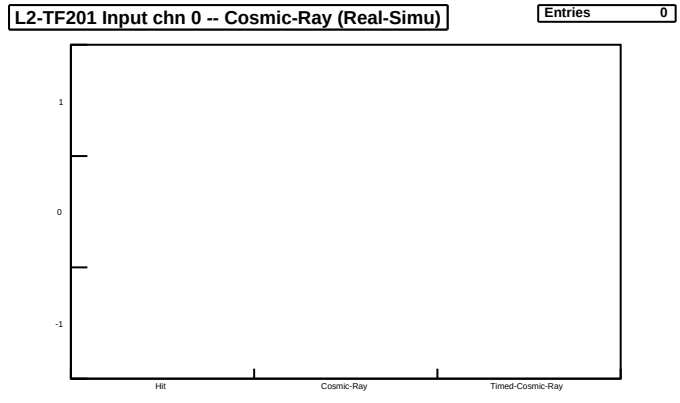

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 7186320
Fired
102186 101615 289209 299664 203753 206105 199894 222028
796104 796675 609081 598626 694537 692185 698396 676262
ET IT EOR WOR EU ED WU WD
Bit

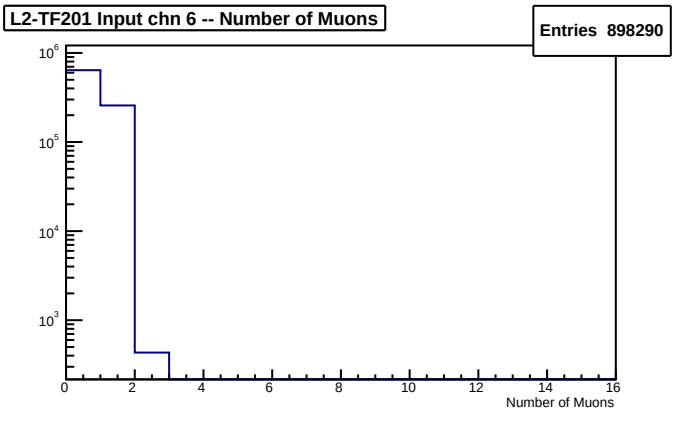

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

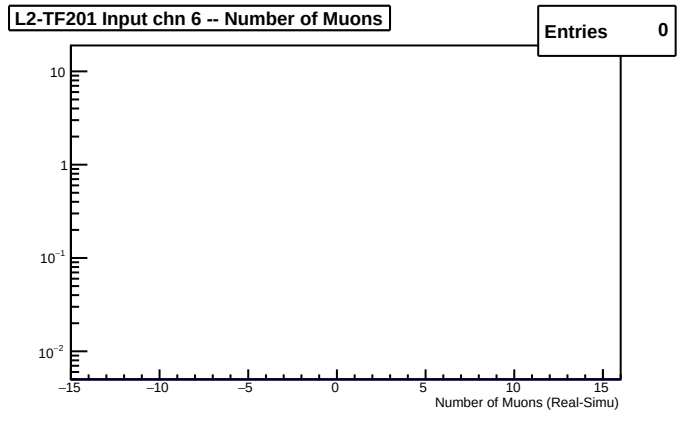

L2-TF201 Input chn 0 -- Number of Muons
Entries 898290
Number of Muons

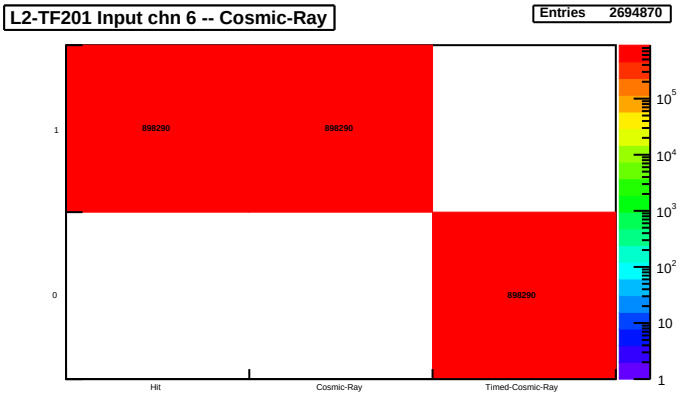

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

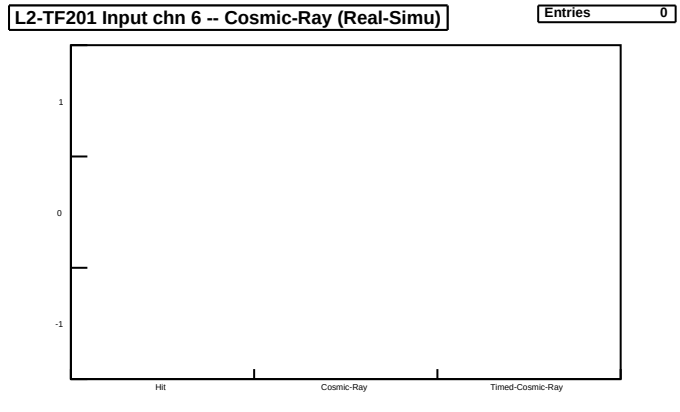

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2694870
199279
47909
42408
699011
850381
855882
Hit
Cosmic-Ray
Timed-Cosmic-Ray

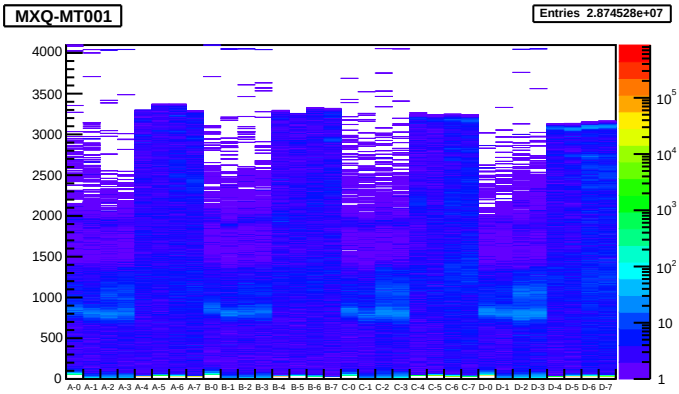

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

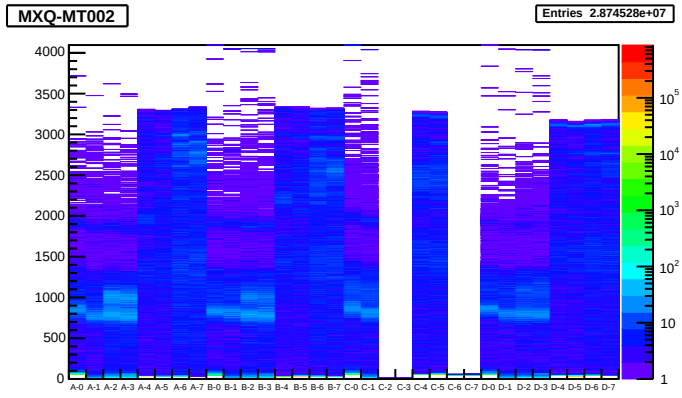

L2-TF201 Input chn 6 -- Number of Muons
Entries 898290
Number of Muons

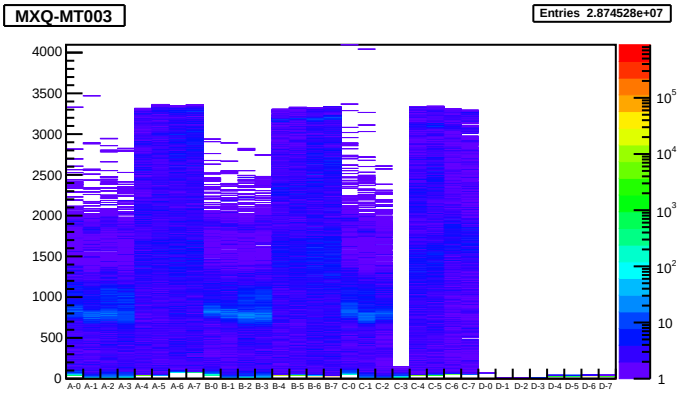

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

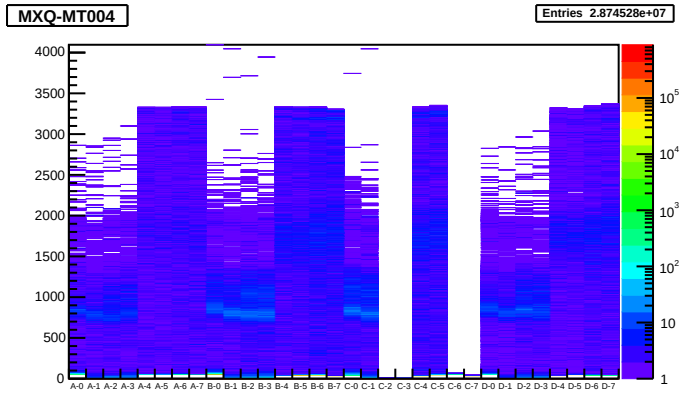

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 2694870
898290
898290
898290
Hit
Cosmic-Ray
Timed-Cosmic-Ray

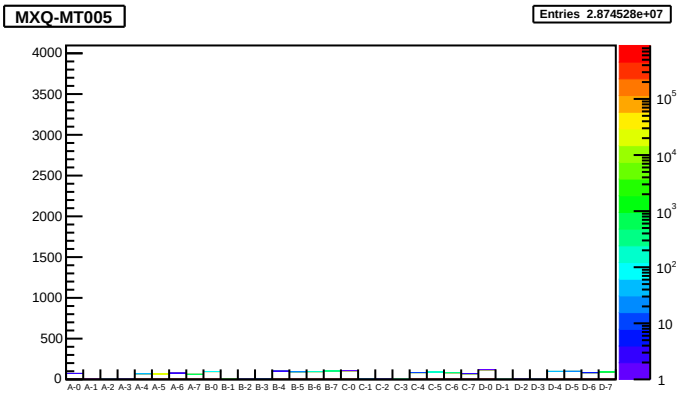

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

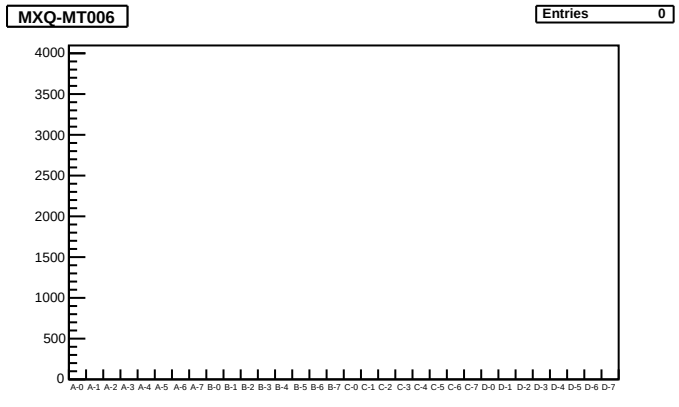

MXQ-MT001
Entries 2.874528e+07

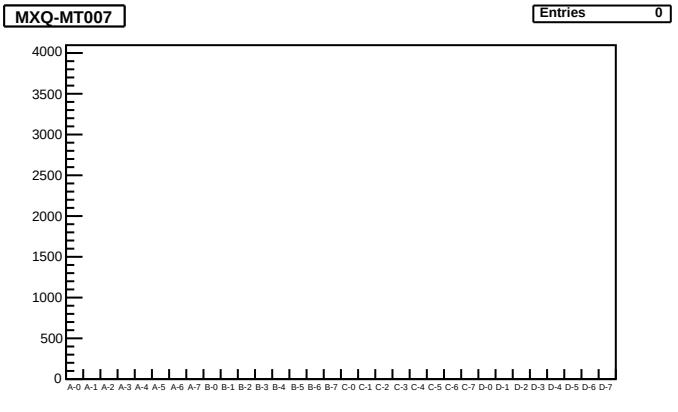

MXQ-MT002
Entries 2.874528e+07

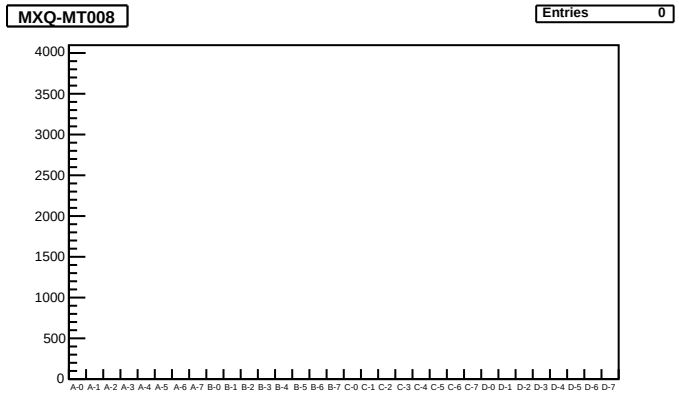

MXQ-MT003
Entries 2.874528e+07

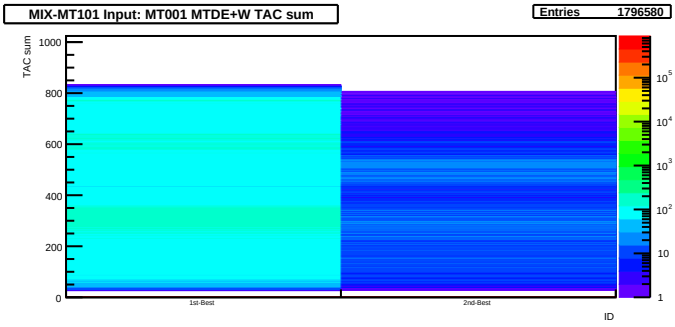

MXQ-MT004
Entries 2.874528e+07

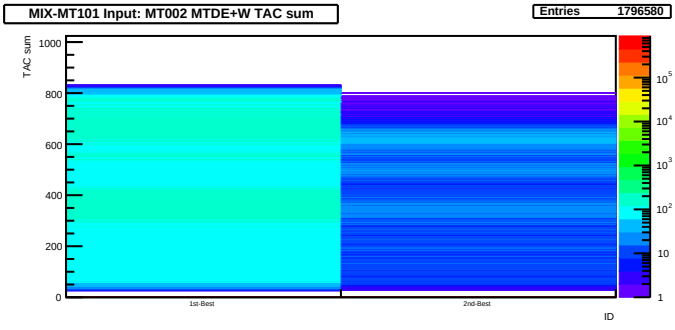

MXQ-MT005
Entries 2.874528e+07

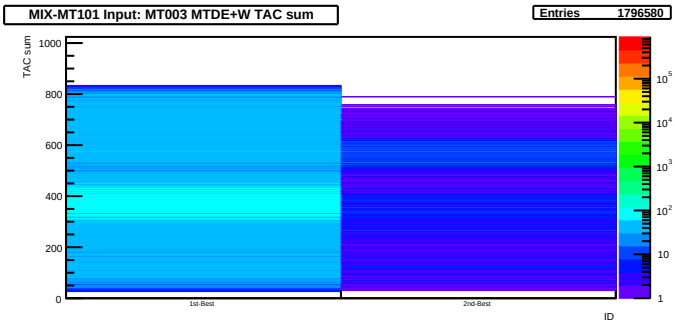

MXQ-MT006
Entries 0

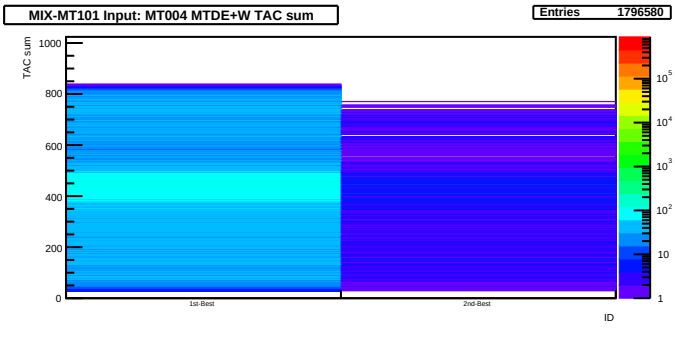

MXQ-MT007
Entries 0

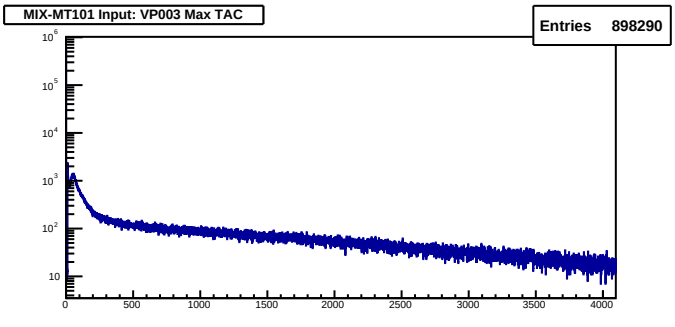

MXQ-MT008
Entries 0

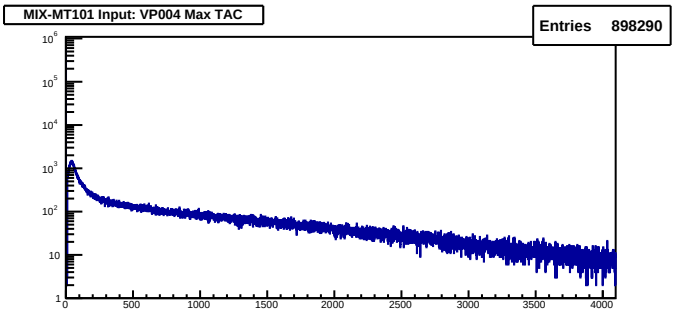

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1796580
TAC sum
1st-Best
2nd-Best
ID

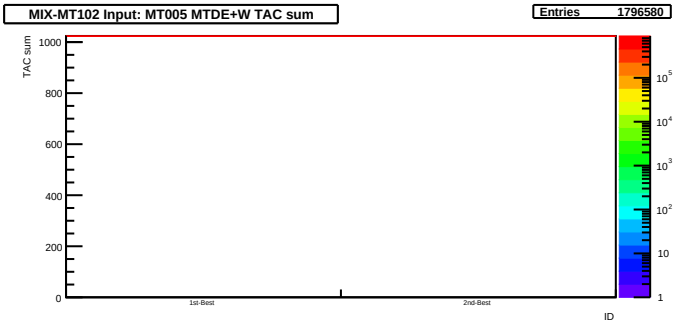

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1796580
TAC sum
1st-Best
2nd-Best
ID

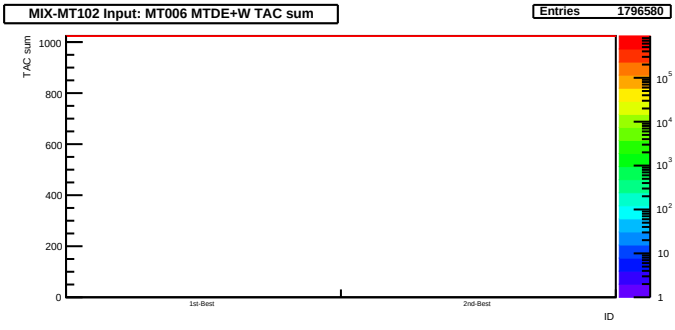

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1796580
TAC sum
1st-Best
2nd-Best
ID

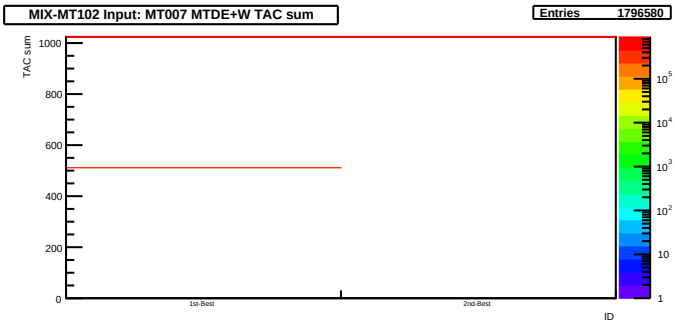

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1796580
TAC sum
1st-Best
2nd-Best
ID

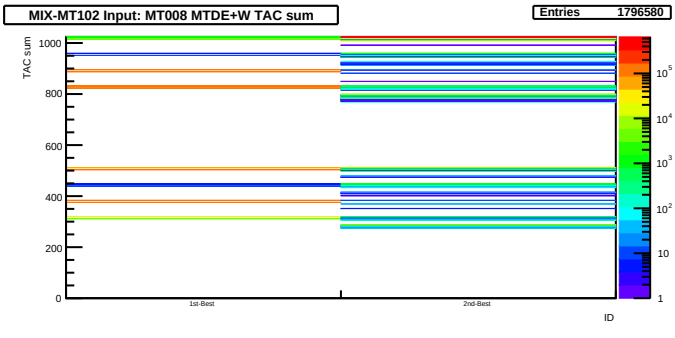

MIX-MT101 Input: VP003 Max TAC
Entries 898290

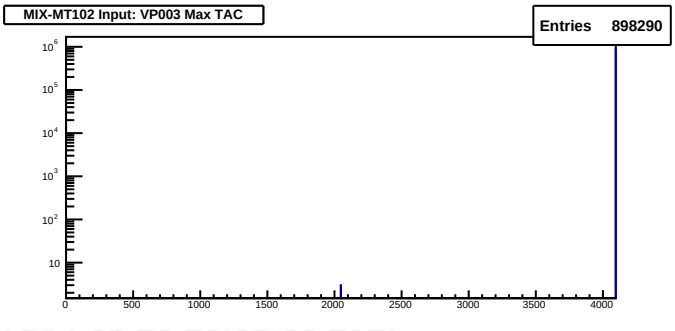

MIX-MT101 Input: VP004 Max TAC
Entries 898290

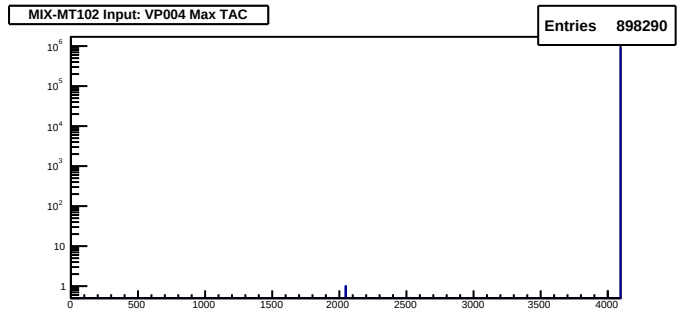

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1796580
TAC sum
1st-Best
2nd-Best
ID

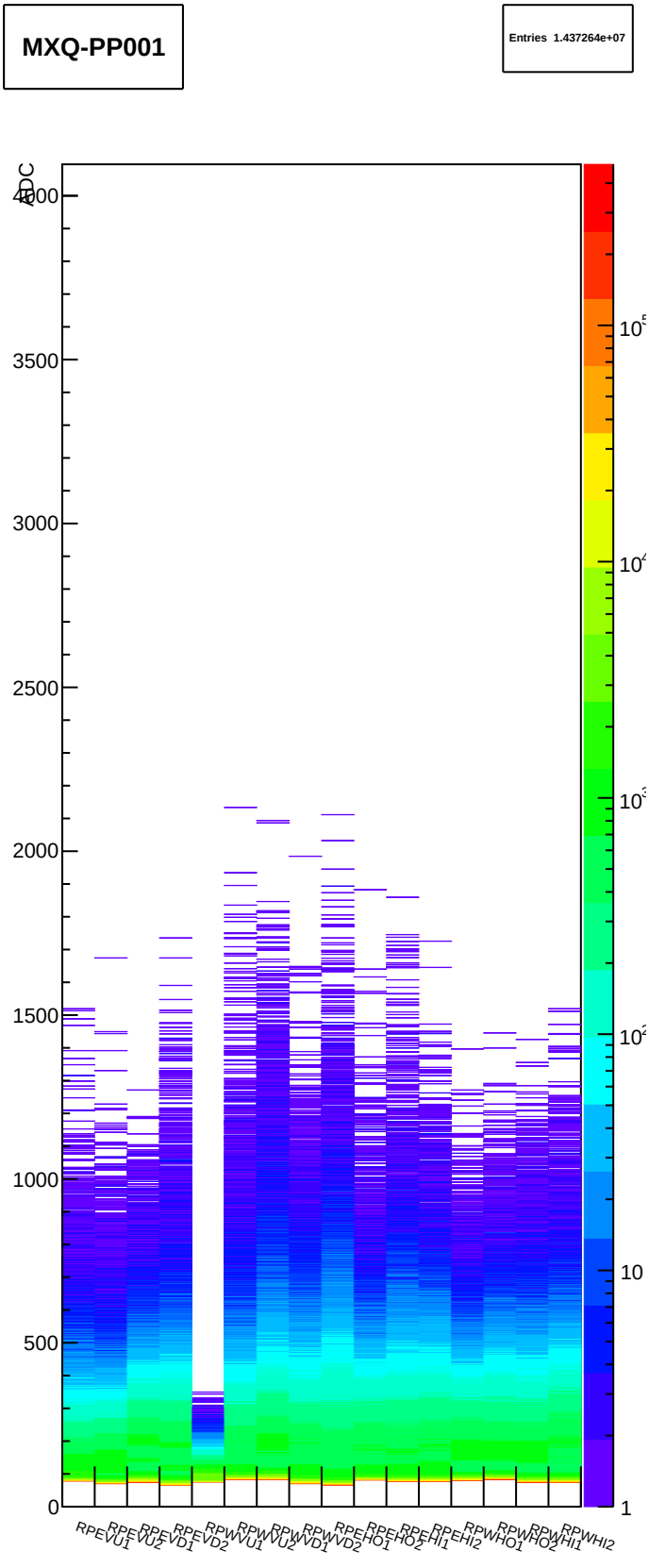

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1796580
TAC sum
1st-Best
2nd-Best
ID

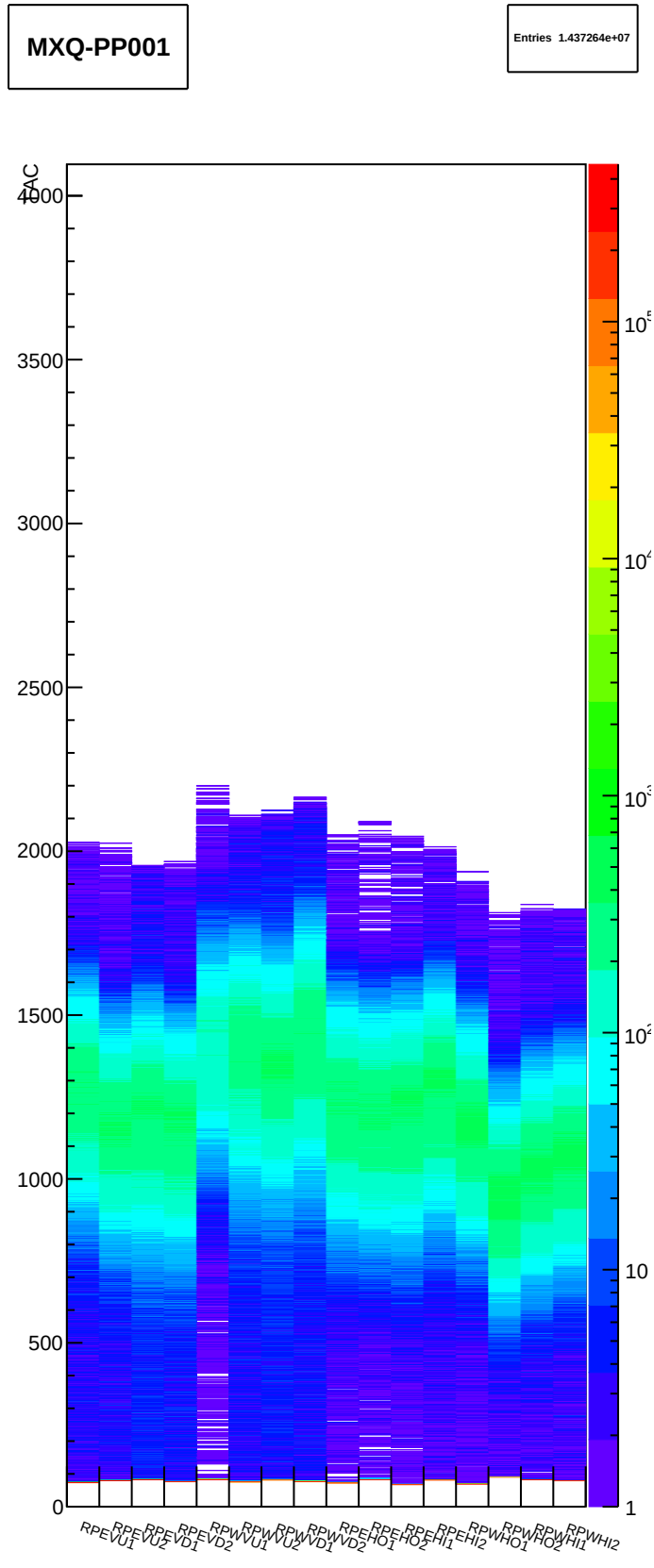

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1796580
TAC sum
1st-Best
2nd-Best
ID

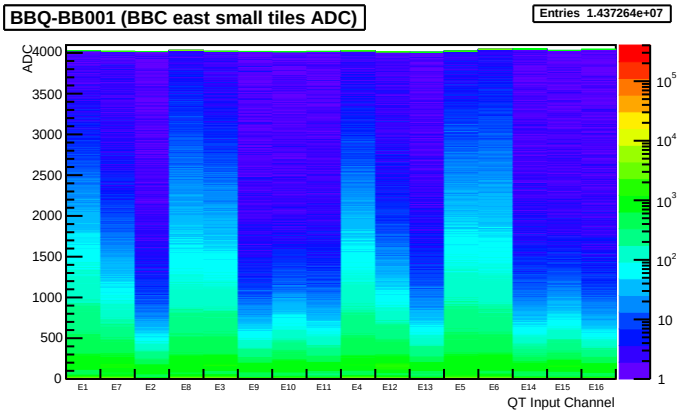

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1796580
TAC sum
1st-Best
2nd-Best
ID

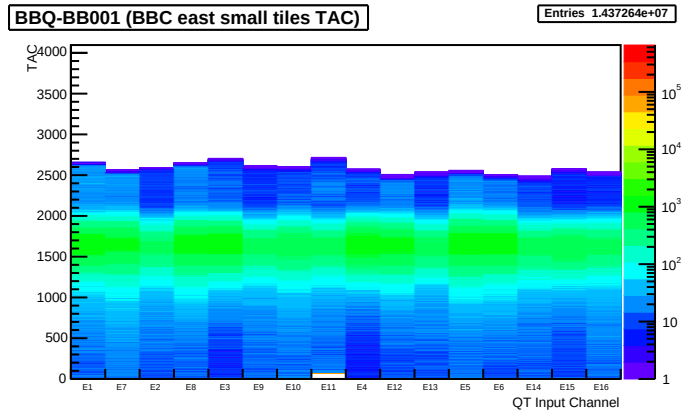

MIX-MT102 Input: VP003 Max TAC
Entries 898290

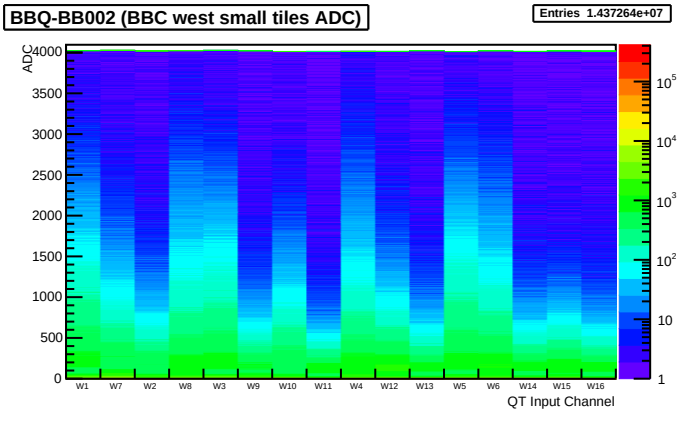

MIX-MT102 Input: VP004 Max TAC
Entries 898290

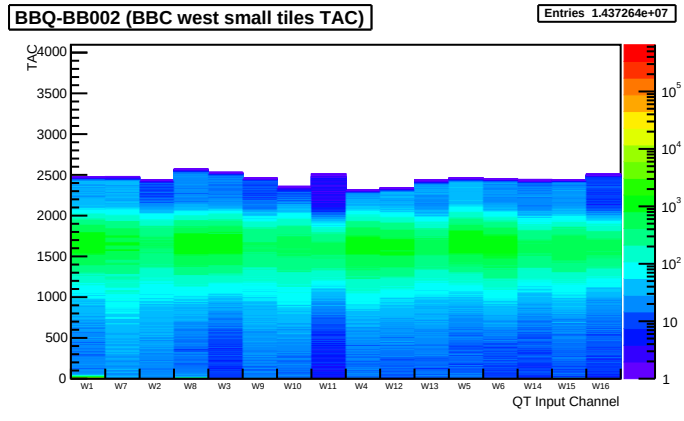

MXQ-PP001
Entries 1.437264e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

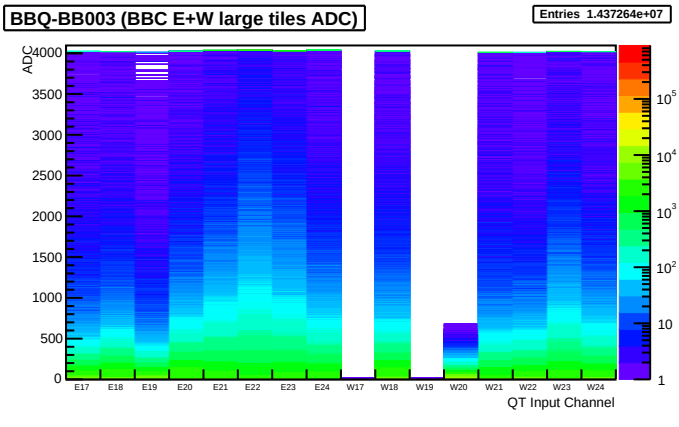

MXQ-PP001
Entries 1.437264e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

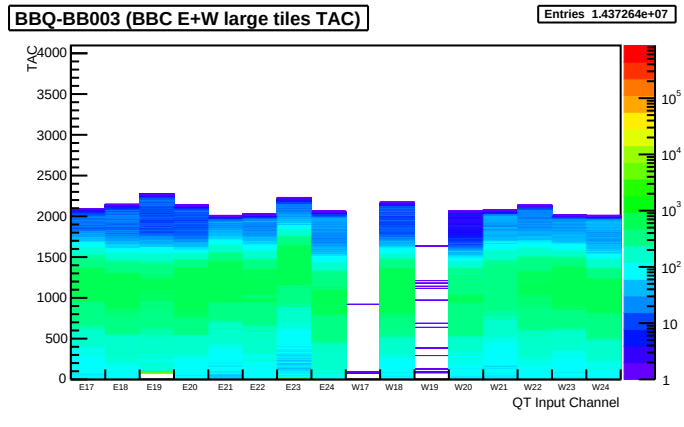

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.437264e+07
ADC
QT Input Channel

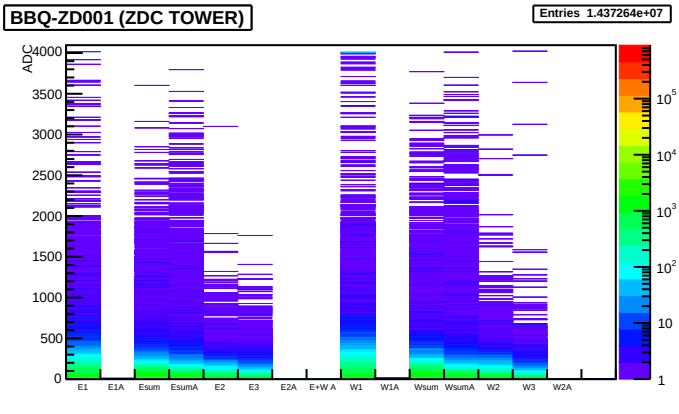

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.437264e+07
TAC
QT Input Channel

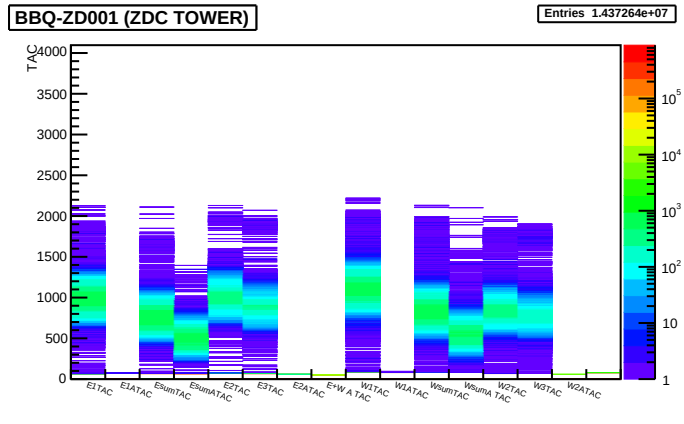

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.437264e+07
ADC
QT Input Channel

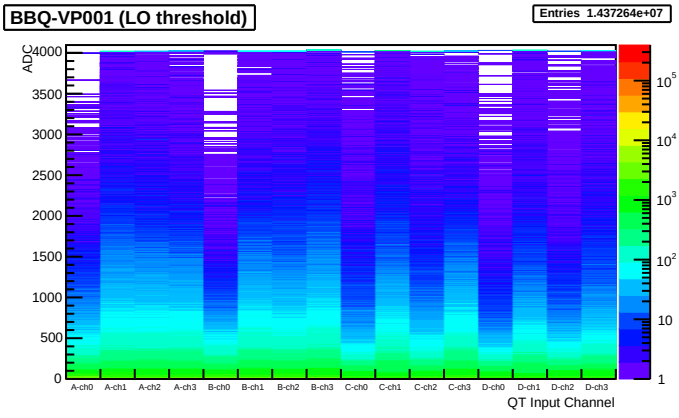

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.437264e+07
TAC
QT Input Channel

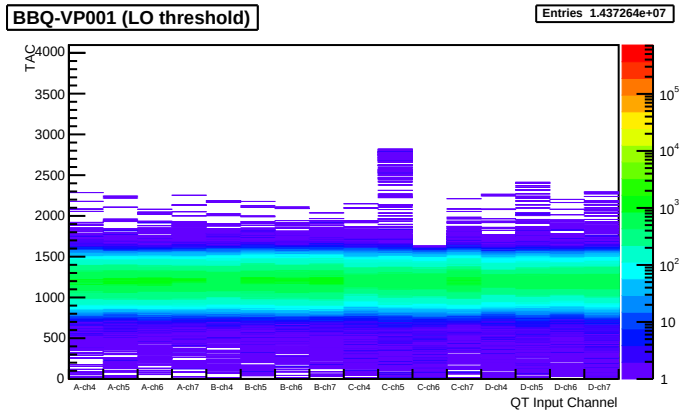

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.437264e+07
ADC
QT Input Channel

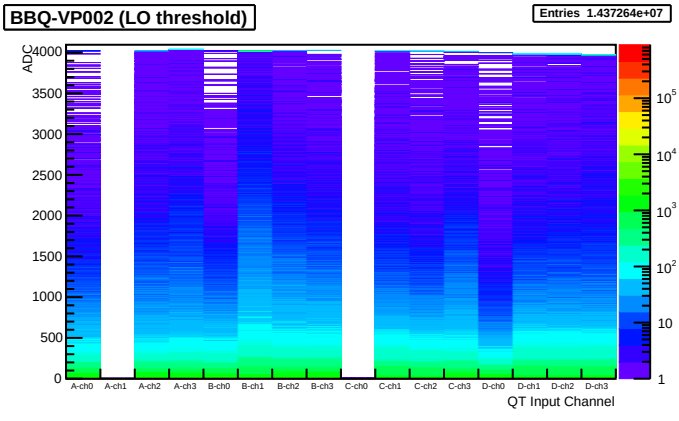

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.437264e+07
TAC
QT Input Channel

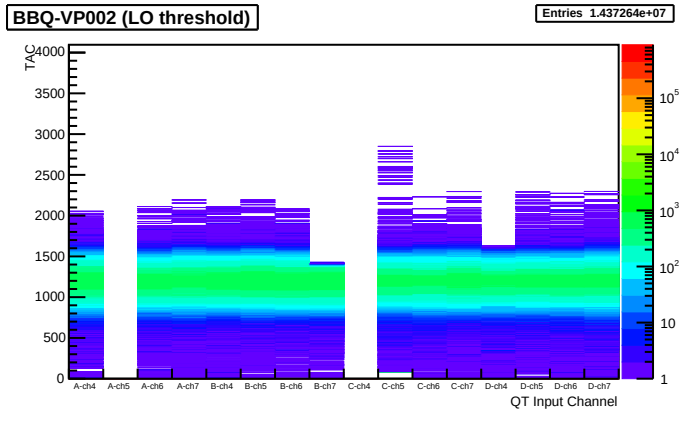

BBQ-ZD001 (ZDC TOWER)
Entries 1.437264e+07
ADC

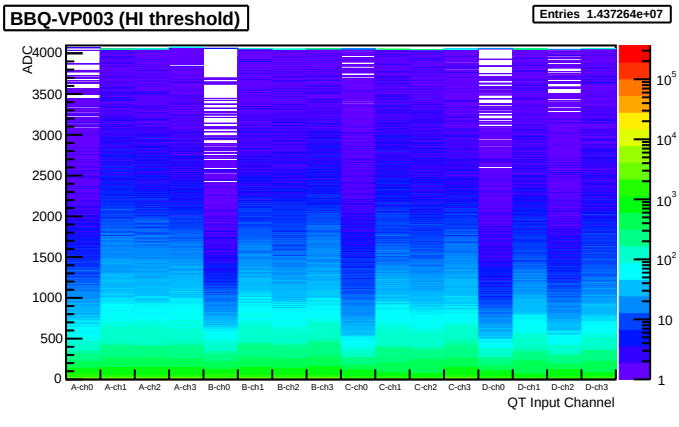

BBQ-ZD001 (ZDC TOWER)
Entries 1.437264e+07
TAC

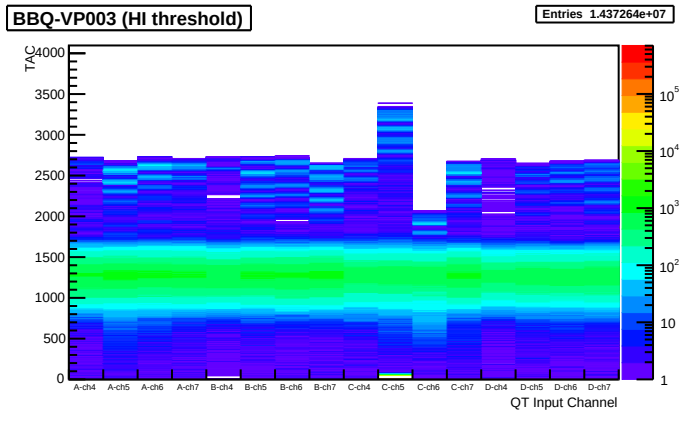

BBQ-VP001 (LO threshold)
Entries 1.437264e+07
ADC
QT Input Channel

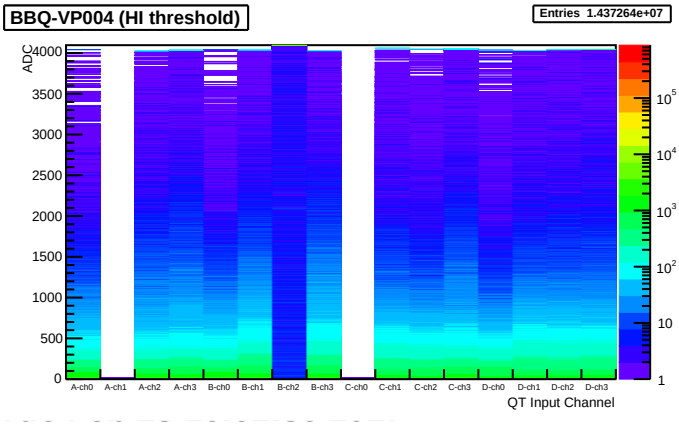

BBQ-VP001 (LO threshold)
Entries 1.437264e+07
TAC
QT Input Channel

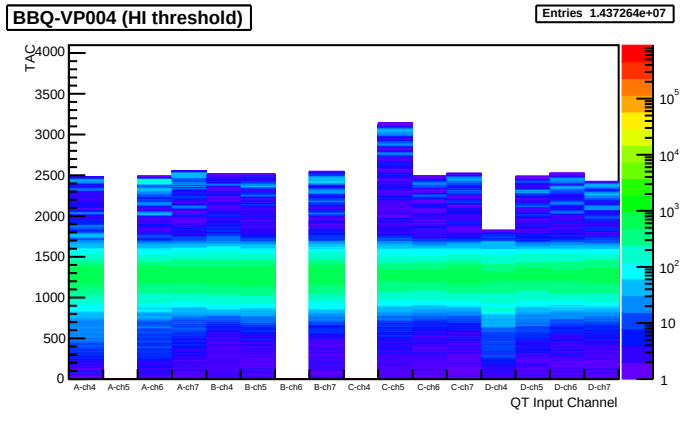

BBQ-VP002 (LO threshold)
Entries 1.437264e+07
ADC
QT Input Channel

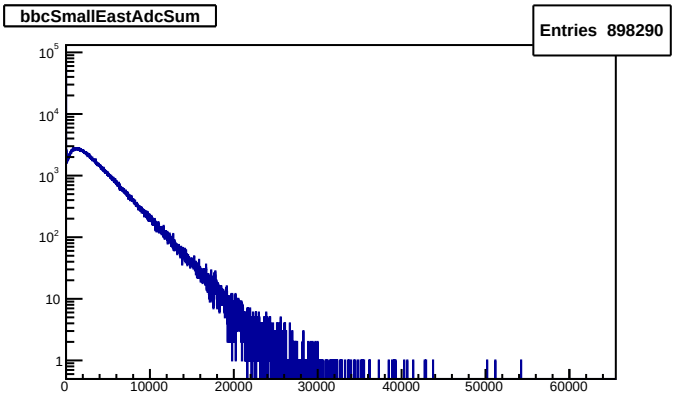

BBQ-VP002 (LO threshold)
Entries 1.437264e+07
TAC
QT Input Channel

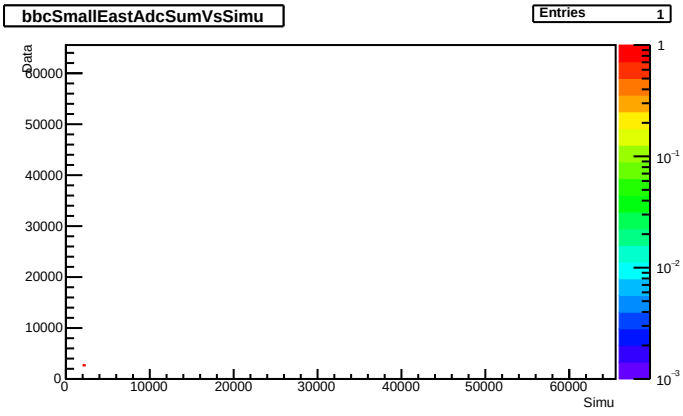

BBQ-VP003 (HI threshold)
Entries 1.437264e+07
ADC
QT Input Channel

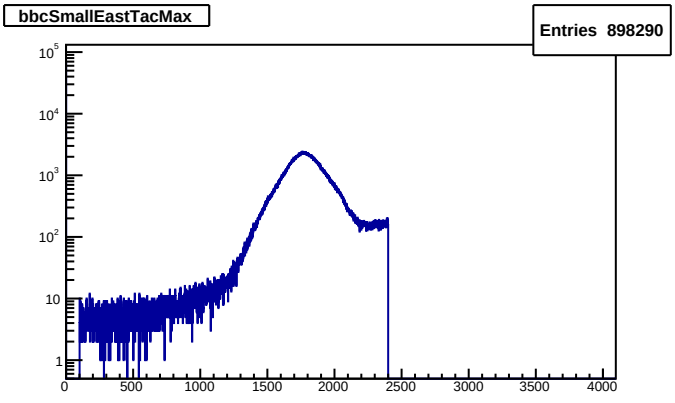

BBQ-VP003 (HI threshold)
Entries 1.437264e+07
TAC
QT Input Channel

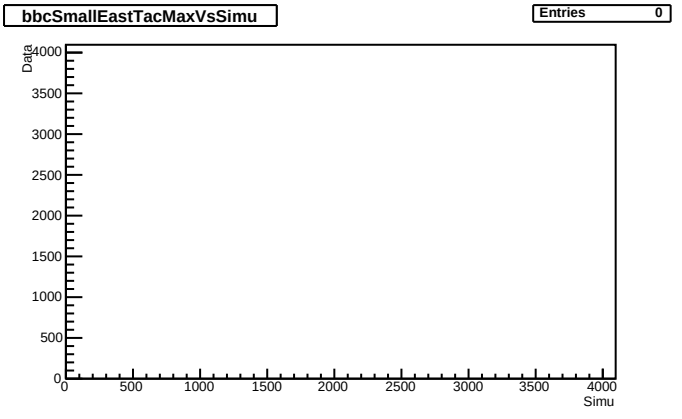

BBQ-VP004 (HI threshold)
Entries 1.437264e+07
ADC
QT Input Channel

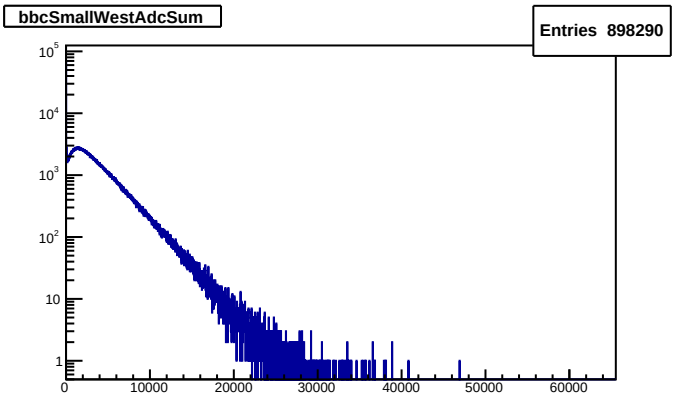

BBQ-VP004 (HI threshold)
Entries 1.437264e+07
TAC
QT Input Channel

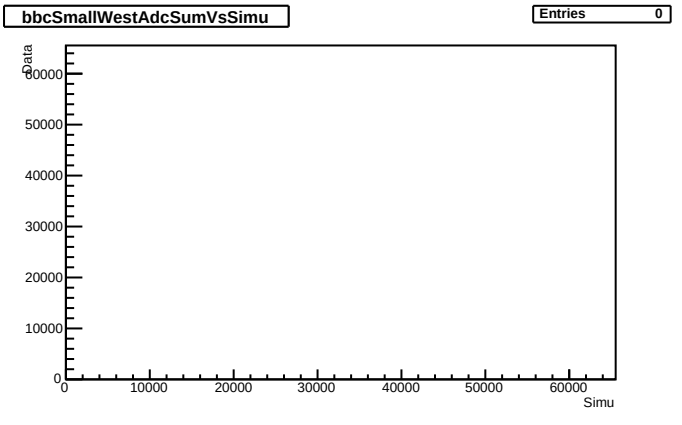

bbcSmallEastAdcSum
Entries 898290

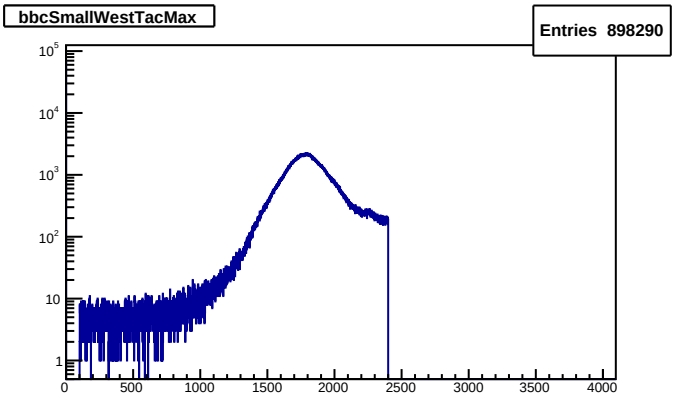

bbcSmallEastAdcSumVsSimu
Entries 1
Data
Simu

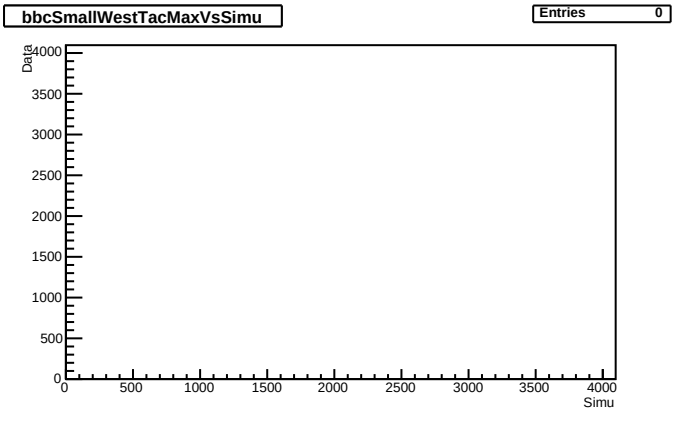

bbcSmallEastTacMax
Entries 898290

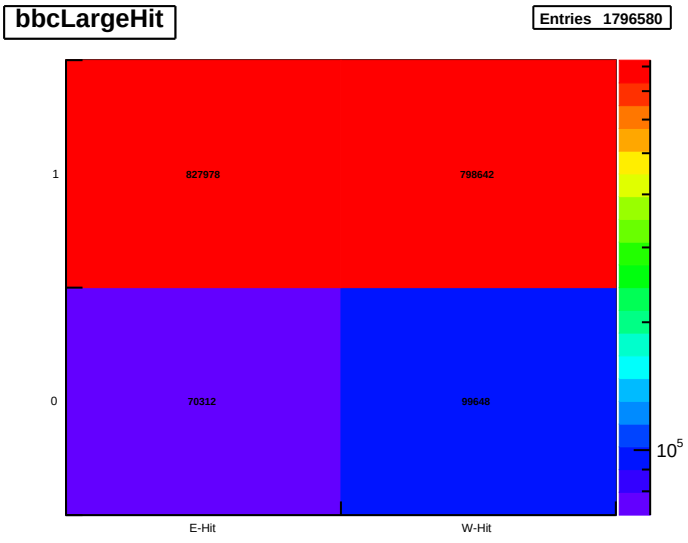

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

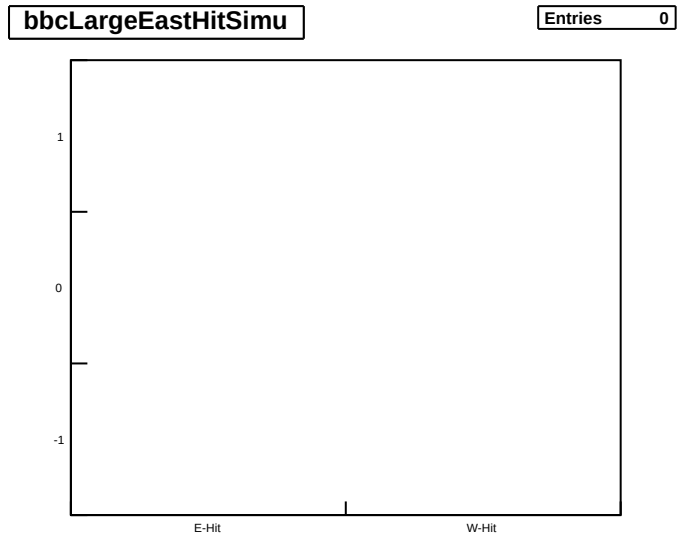

bbcSmallWestAdcSum
Entries 898290

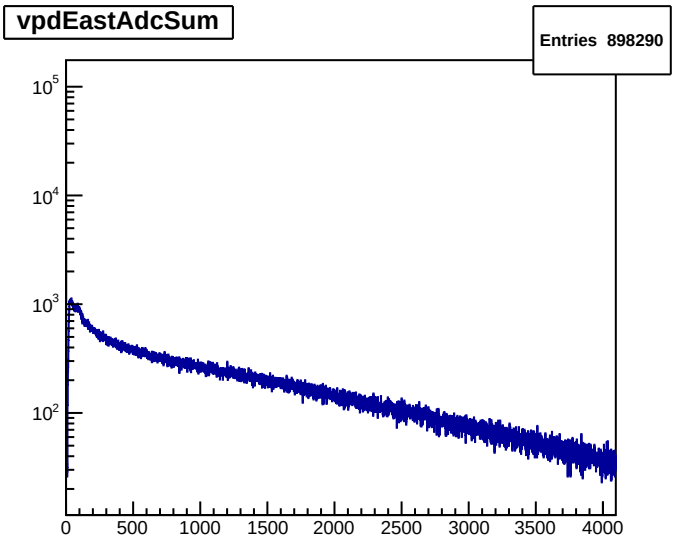

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

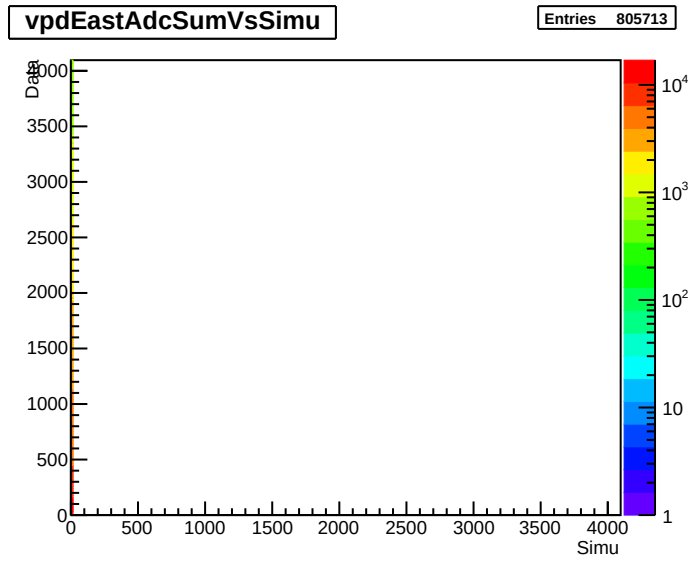

bbcSmallWestTacMax
Entries 898290

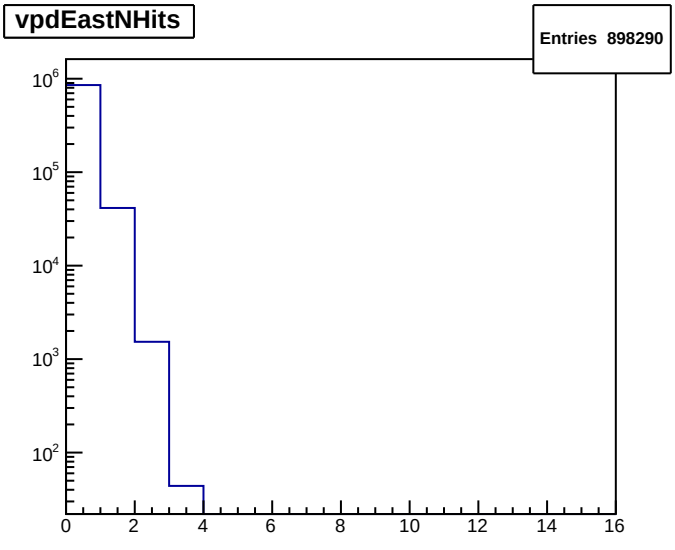

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

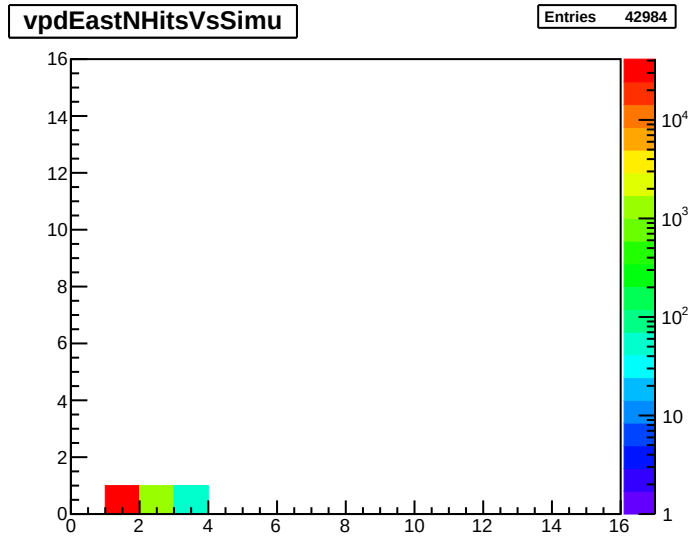

bbcLargeHit
Entries 1796580
827978
798642
70312
99648
1
0
E-Hit
W-Hit
10^5

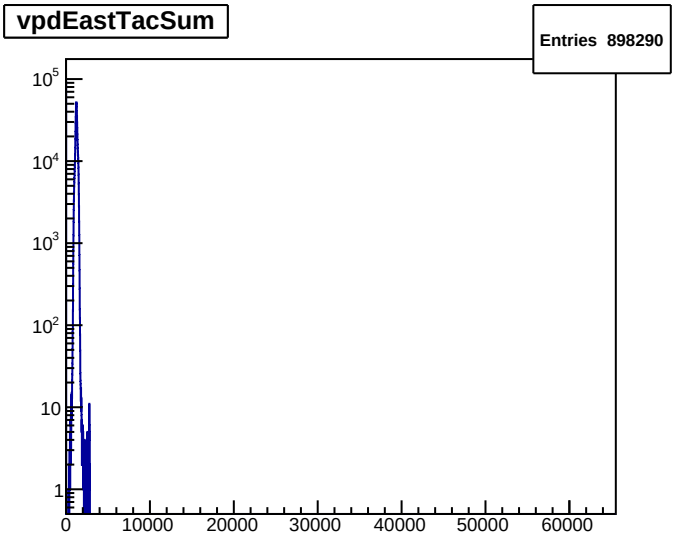

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

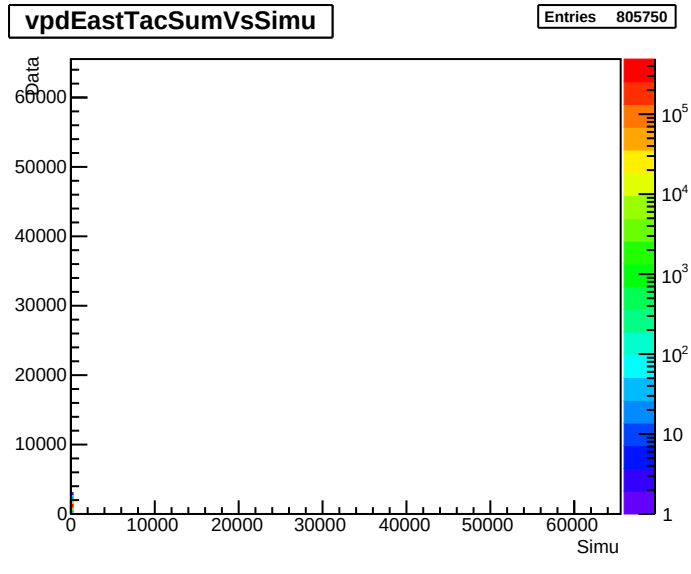

vpdEastAdcSum
Entries 898290

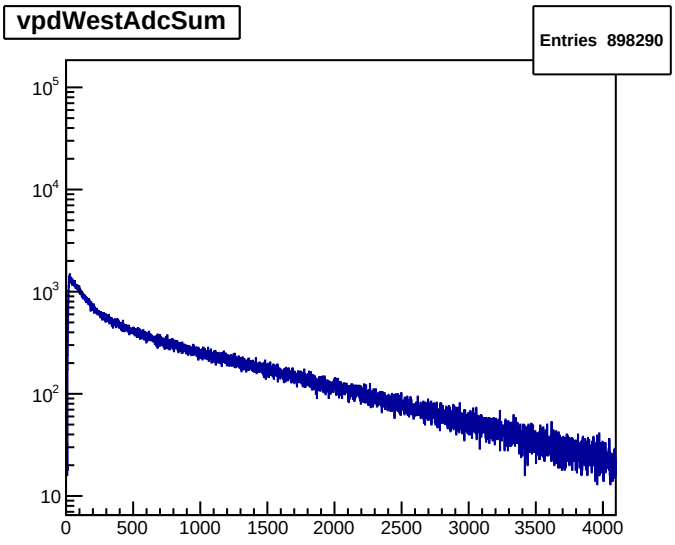

vpdEastAdcSumVsSimu
Entries 805713
Data
Simu

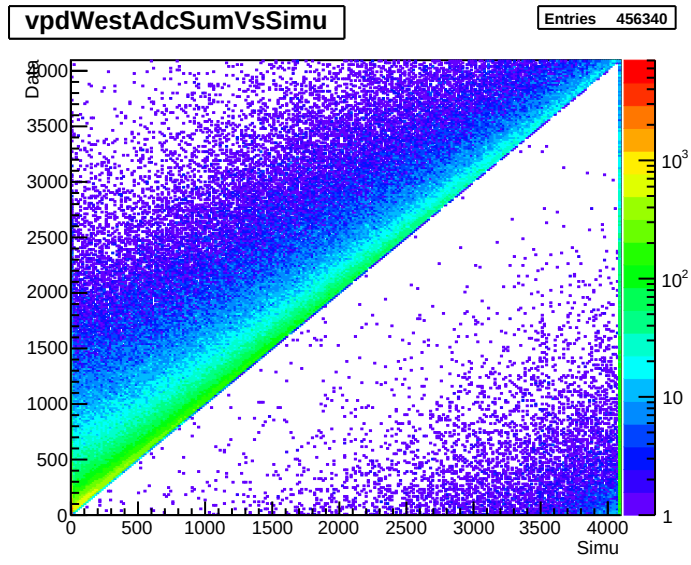

vpdEastNHits
Entries 898290

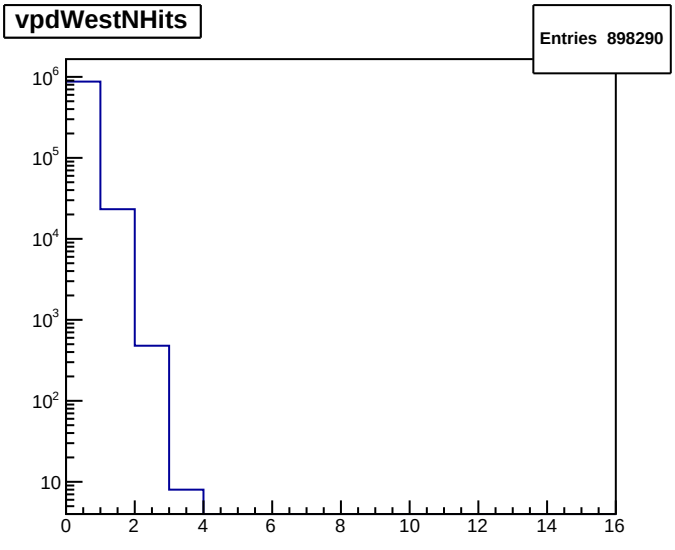

vpdEastNHitsVsSimu
Entries 42984

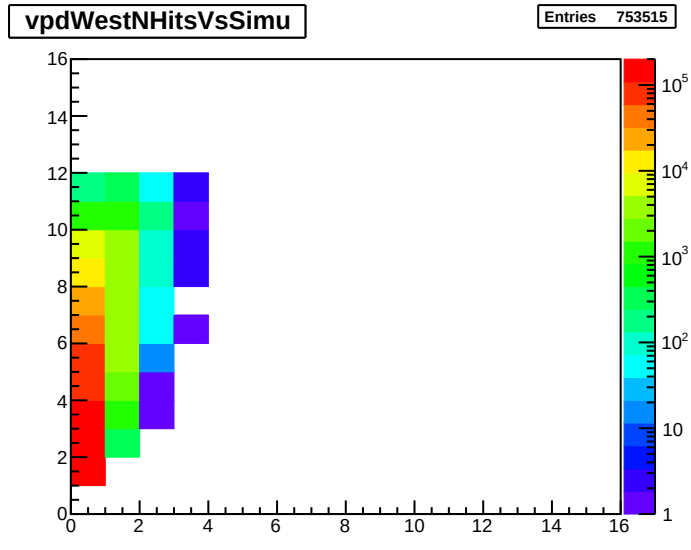

vpdEastTacSum
Entries 898290

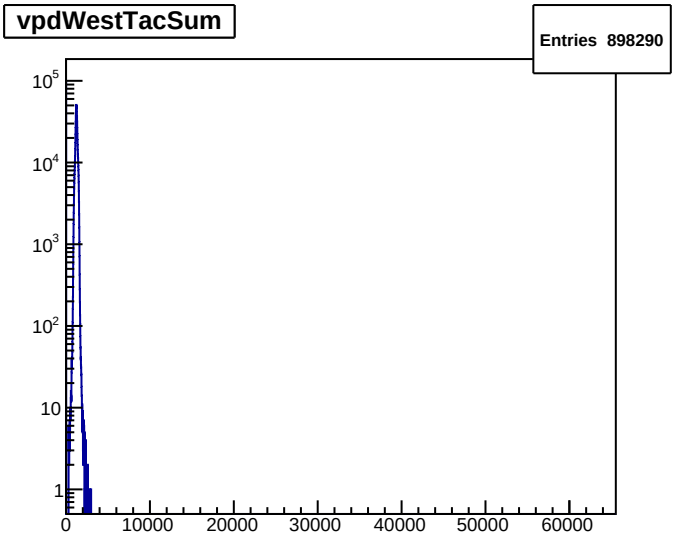

vpdEastTacSumVsSimu
Entries 805750
Data
Simu

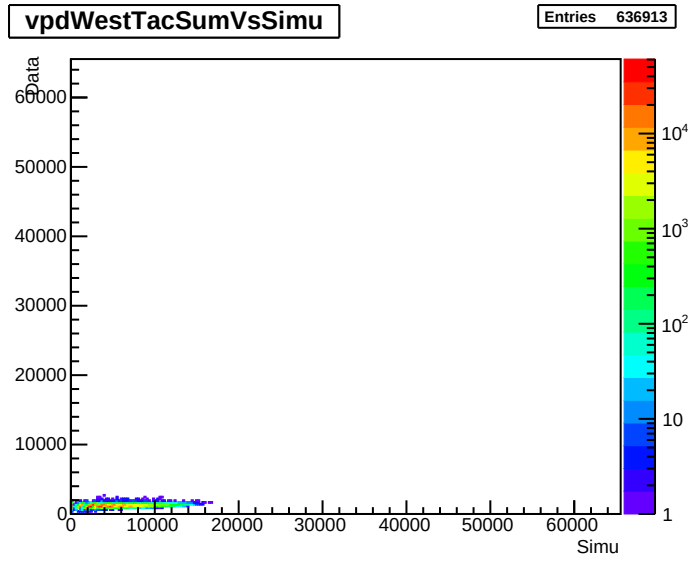

vpdWestAdcSum
Entries 898290

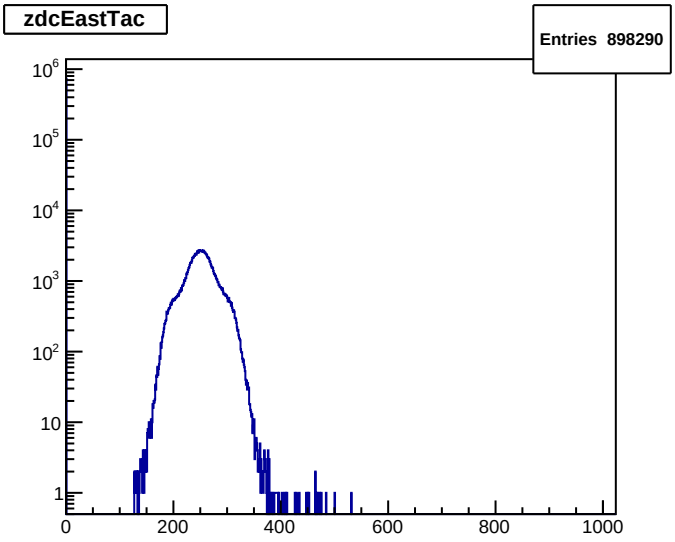

vpdWestAdcSumVsSimu
Entries 456340
Data
Simu

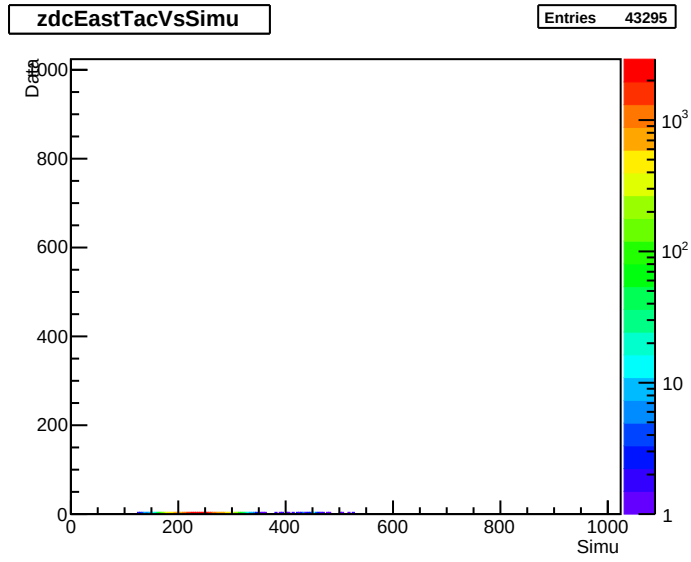

vpdWestNHits
Entries 898290

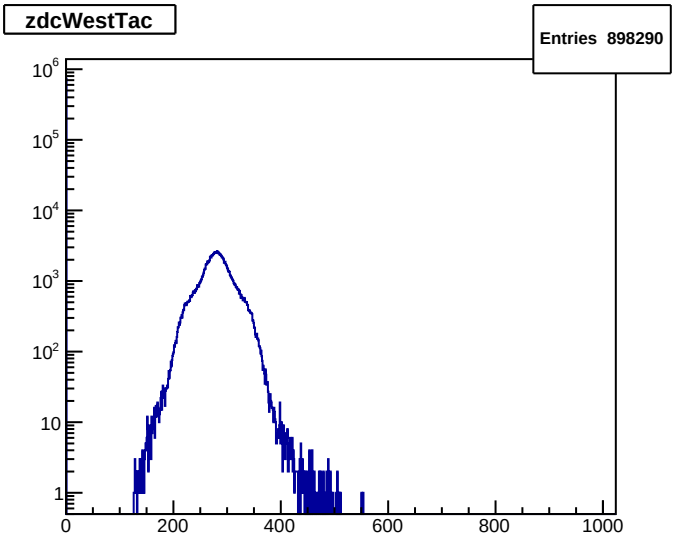

vpdWestNHitsVsSimu
Entries 753515

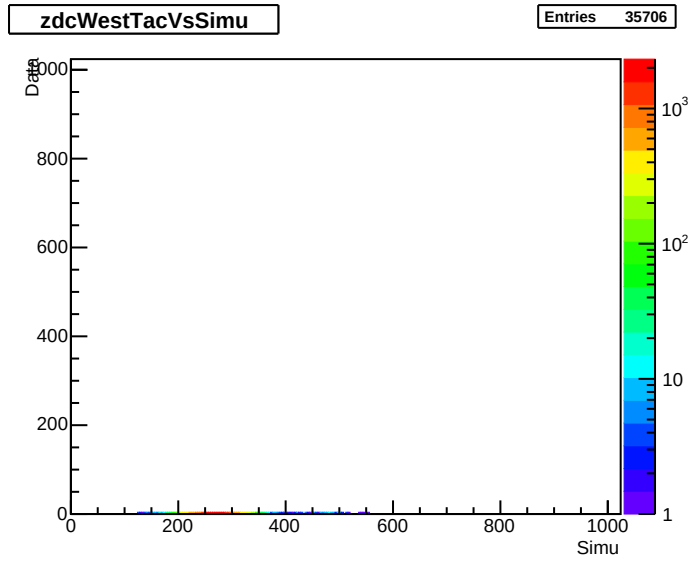

vpdWestTacSum
Entries 898290

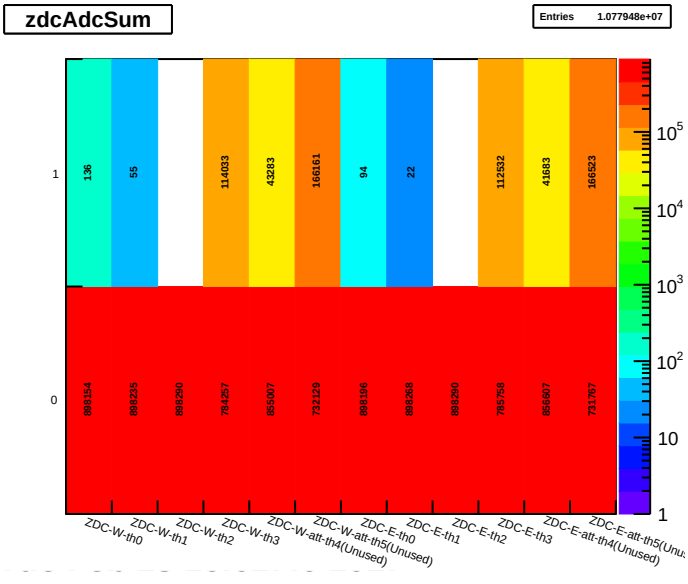

vpdWestTacSumVsSimu
Entries 636913
Data
Simu

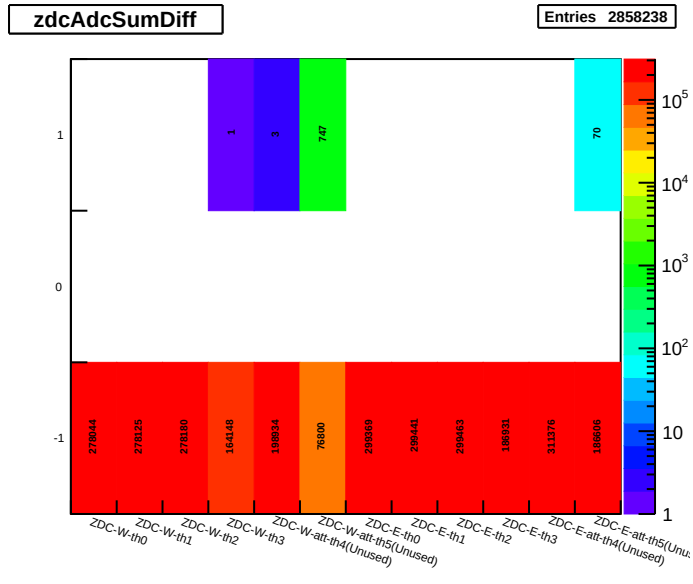

zdcEastTac
Entries 898290

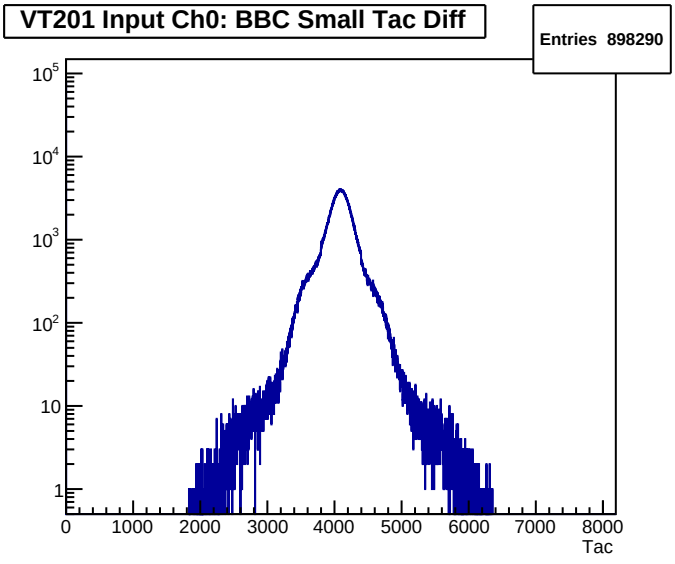

zdcEastTacVsSimu
Entries 43295
Data
Simu

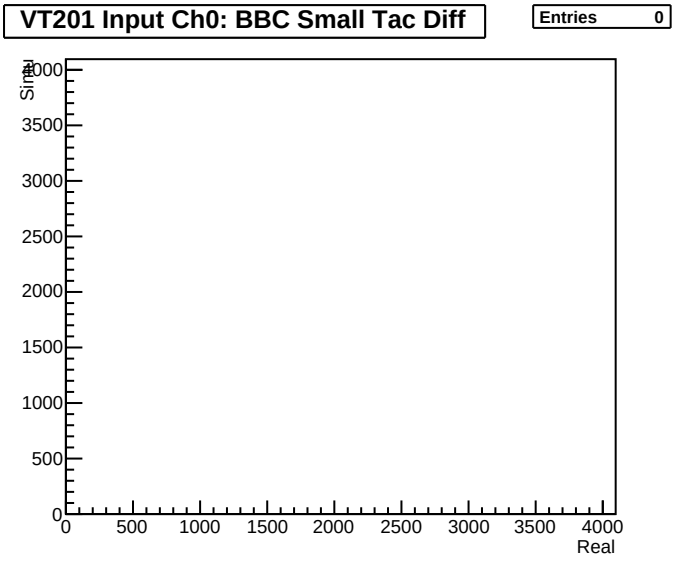

zdcWestTac
Entries 898290

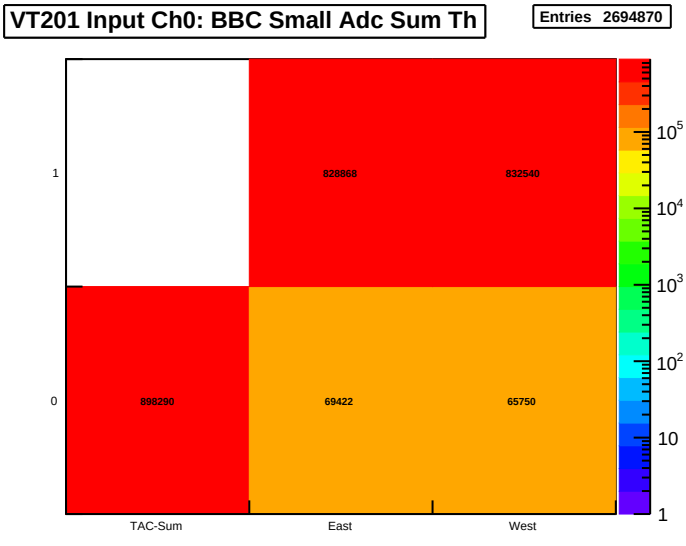

zdcWestTacVsSimu
Entries 35706
Data
Simu

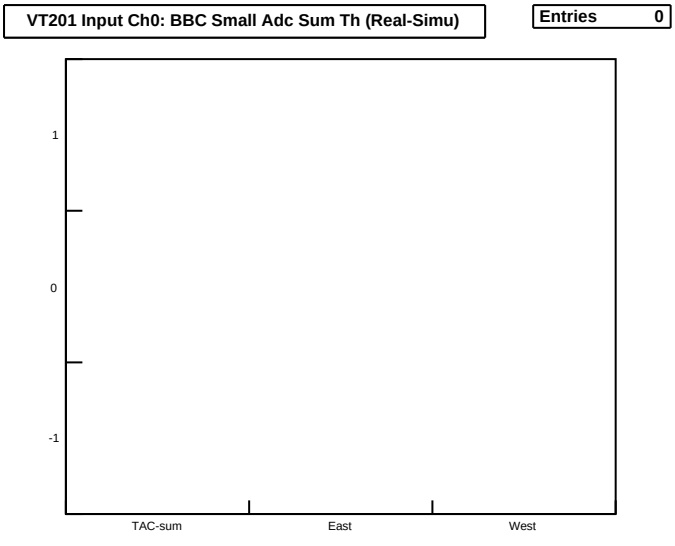

zdcAdcSum
Entries 1.077948e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

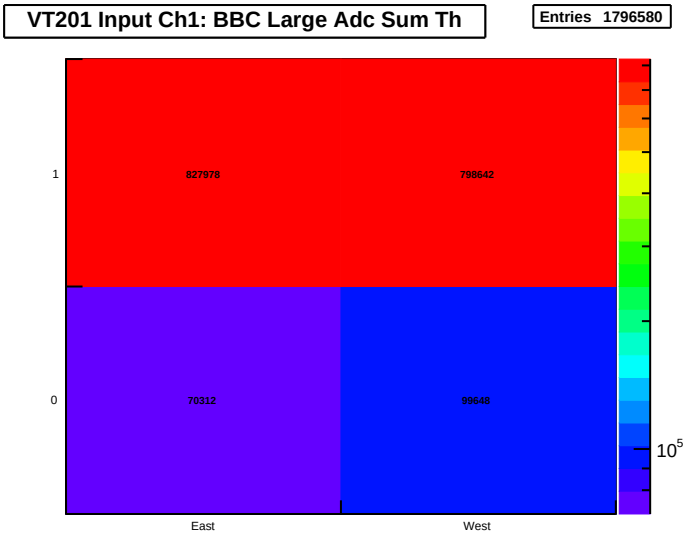

zdcAdcSumDiff
Entries 2858238
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

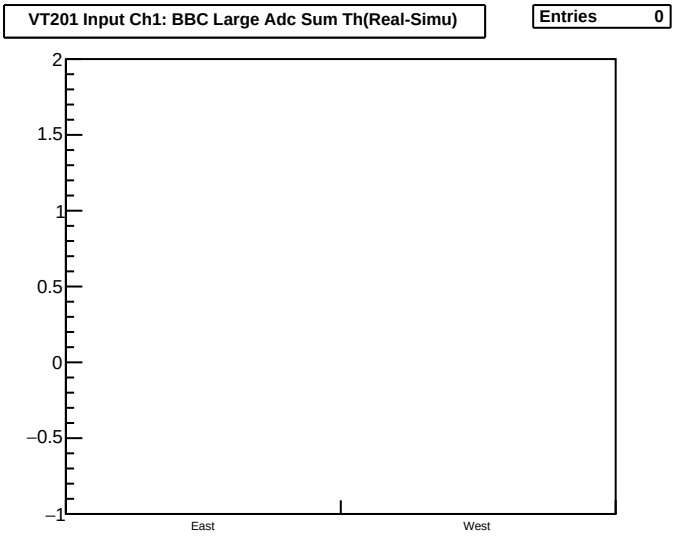

VT201 Input Ch0: BBC Small Tac Diff
Entries 898290
Tac


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

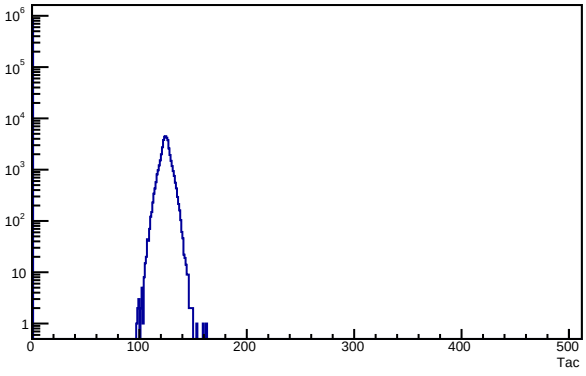

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2694870
828868
832540
898290
69422
65750
TAC-Sum
East
West


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

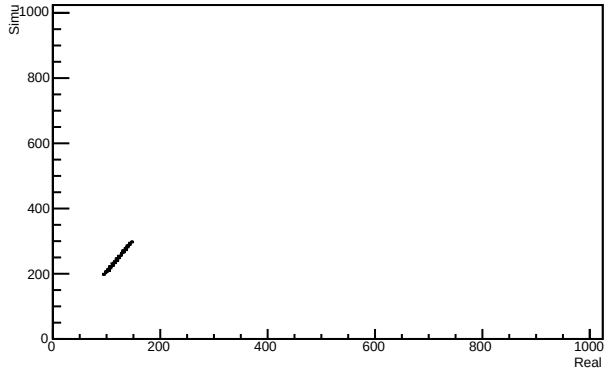

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1796580
827978
798642
70312
99648
East
West


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

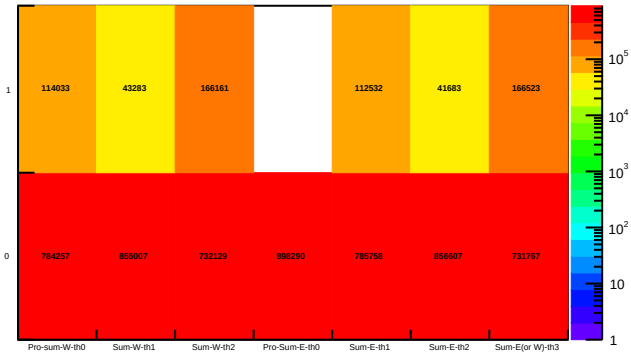
VT201 Input Ch2: ZDC Tac Diff



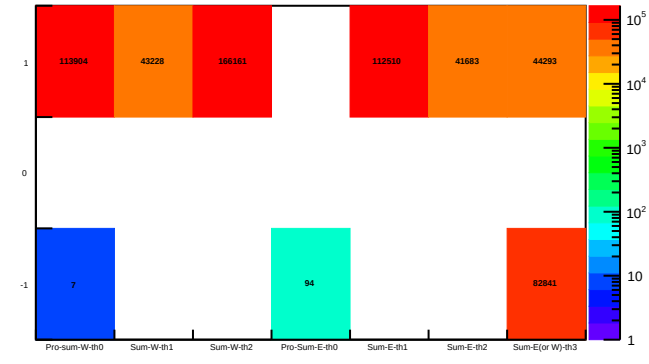
VT201 Input Ch2: ZDC Tac Diff



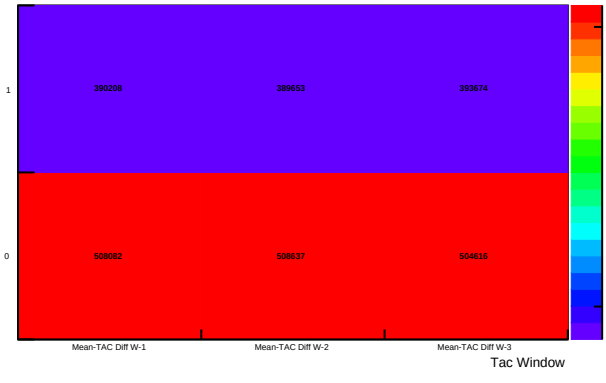
VT201 Input Ch2: ZDC Adc Sum Th



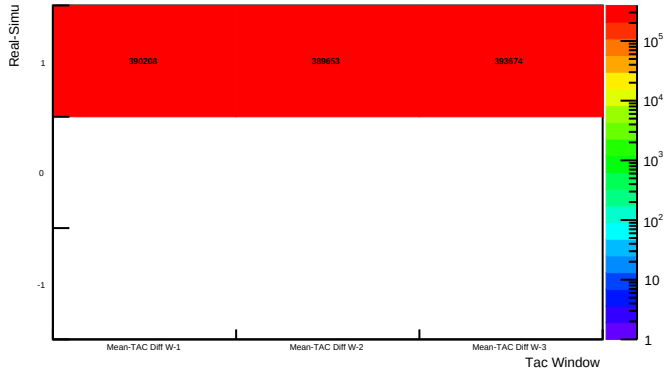
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



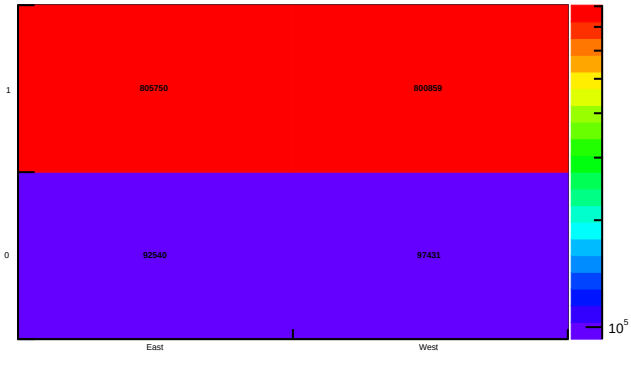
VT201 Input Ch4: VPD Tac Diff



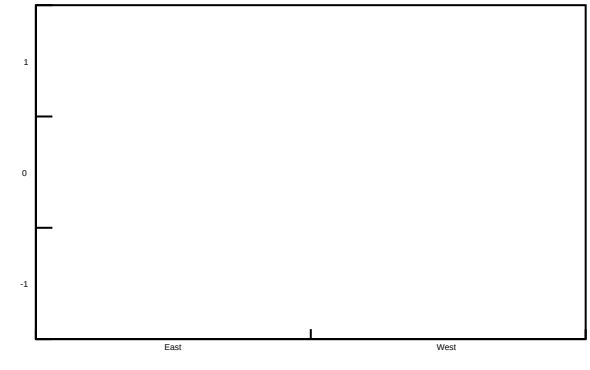
VT201 Input Ch4: VPD Tac Diff

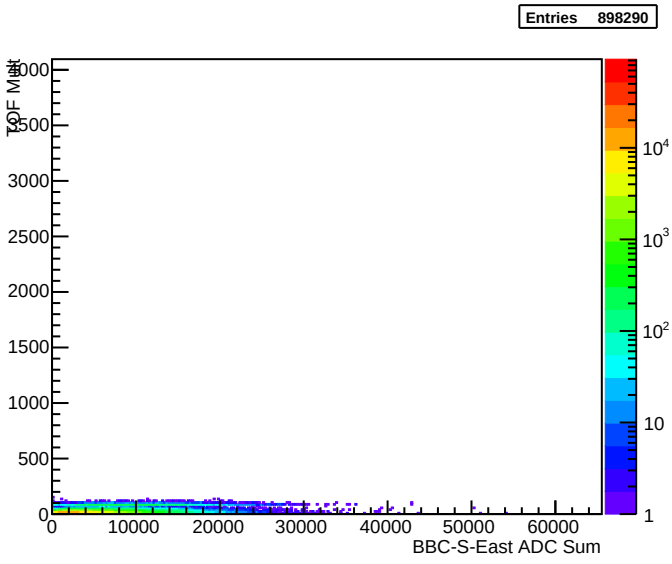


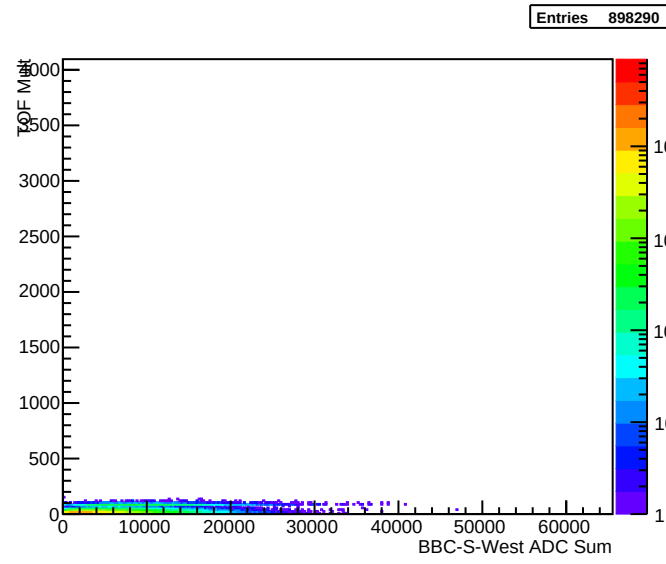
VT201 Input Ch4: VPD Adc Sum Th

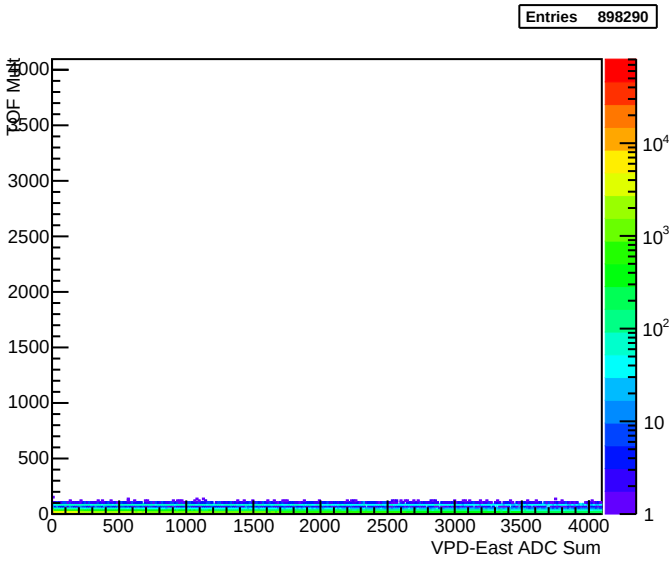


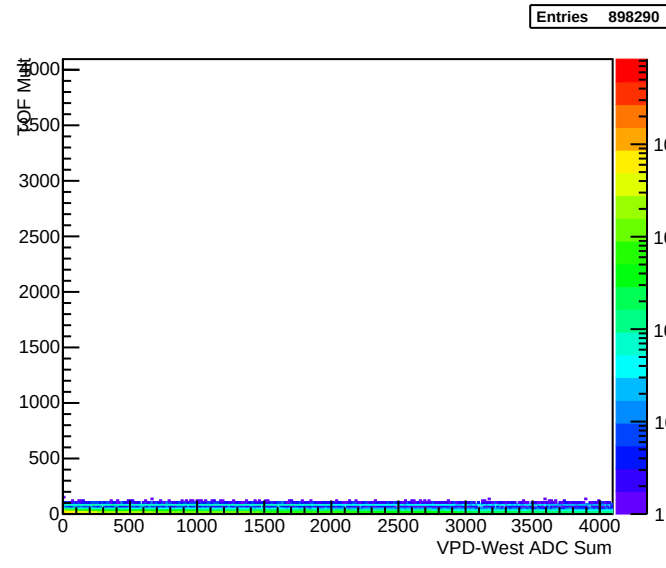
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

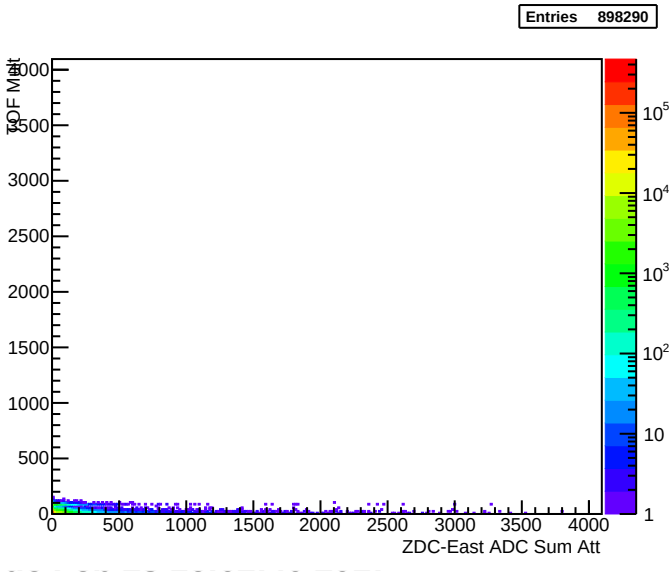


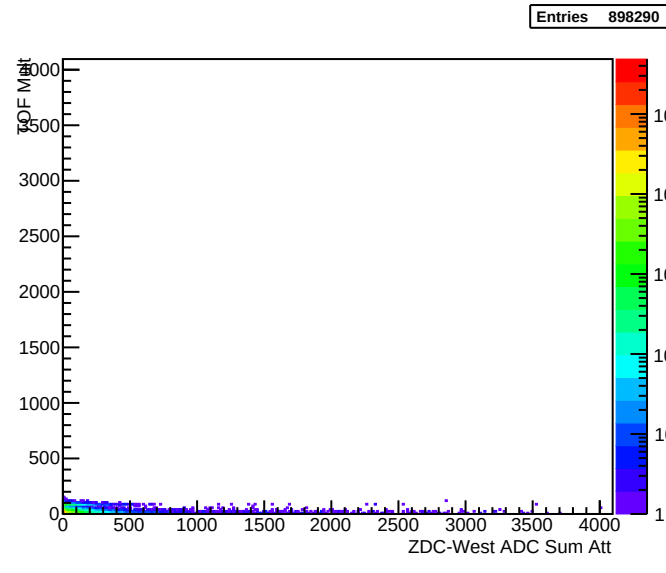

Entries 898290
TOF Mult
BBC-S-East ADC Sum

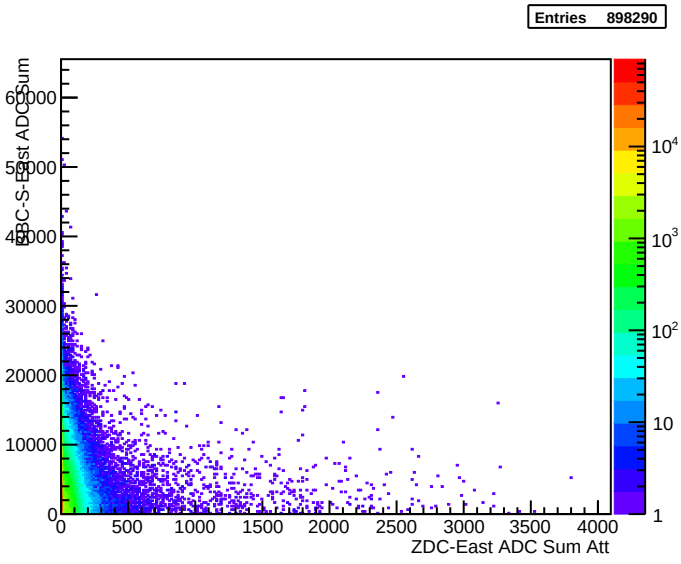

Entries 898290
TOF Mult
BBC-S-West ADC Sum

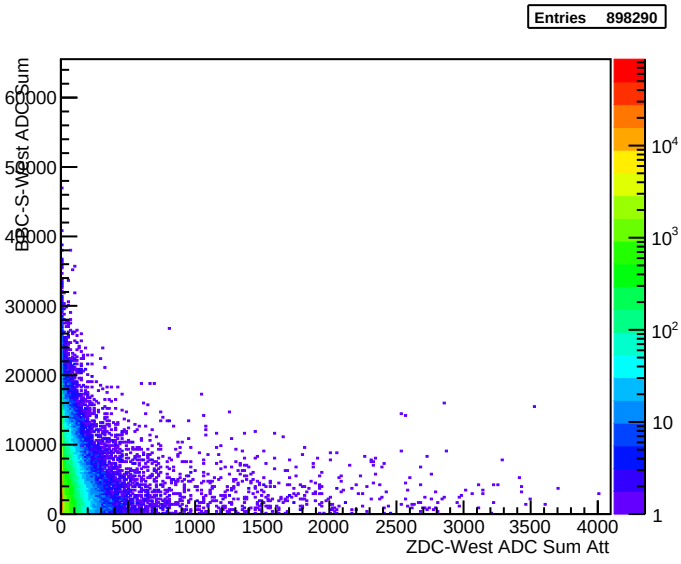

Entries 898290
TOF Mult
VPD-East ADC Sum

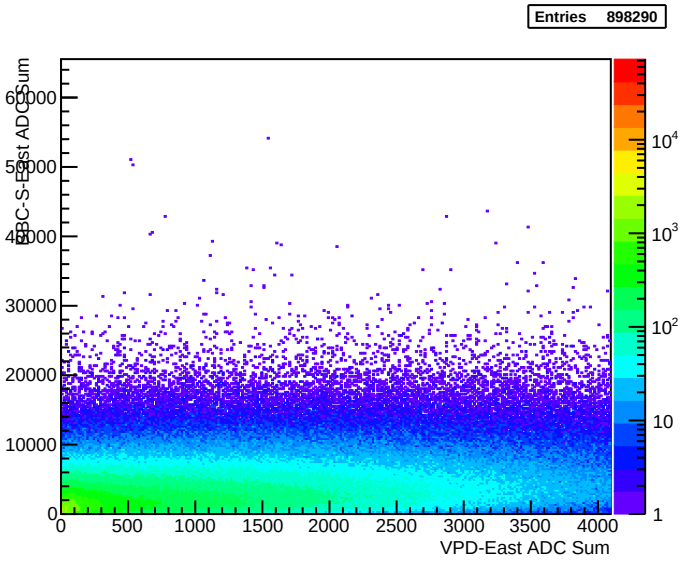

Entries 898290
TOF Mult
VPD-West ADC Sum

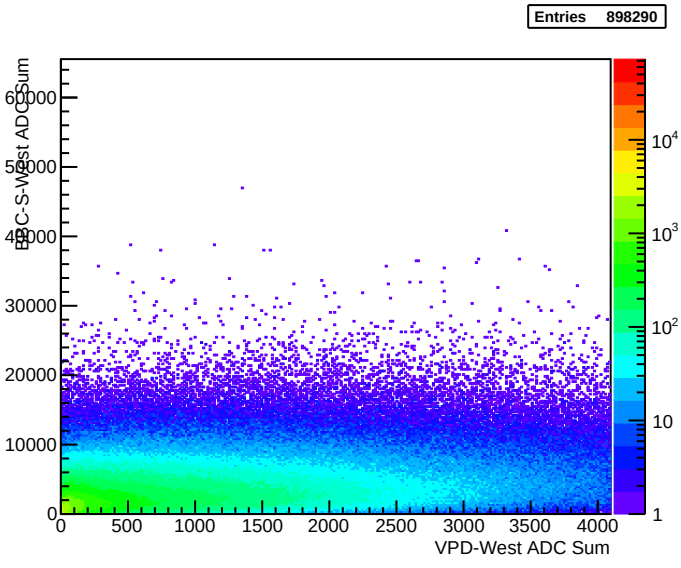

Entries 898290
TOF Mult
ZDC-East ADC Sum Att

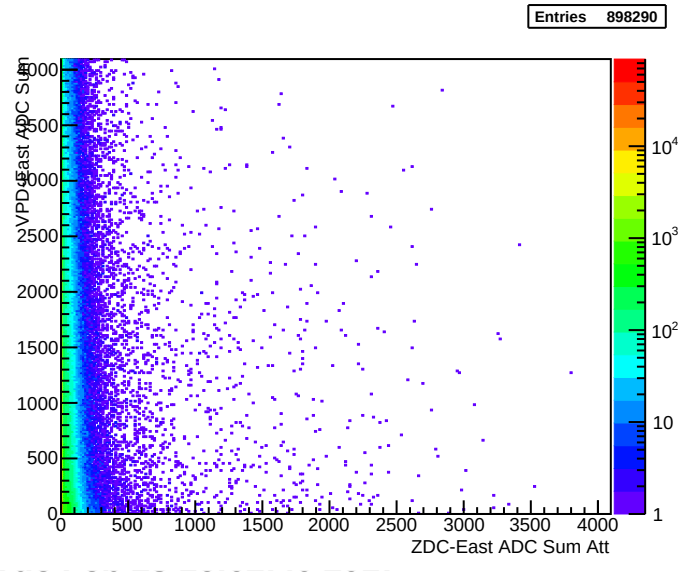

Entries 898290
TOF Mult
ZDC-West ADC Sum Att

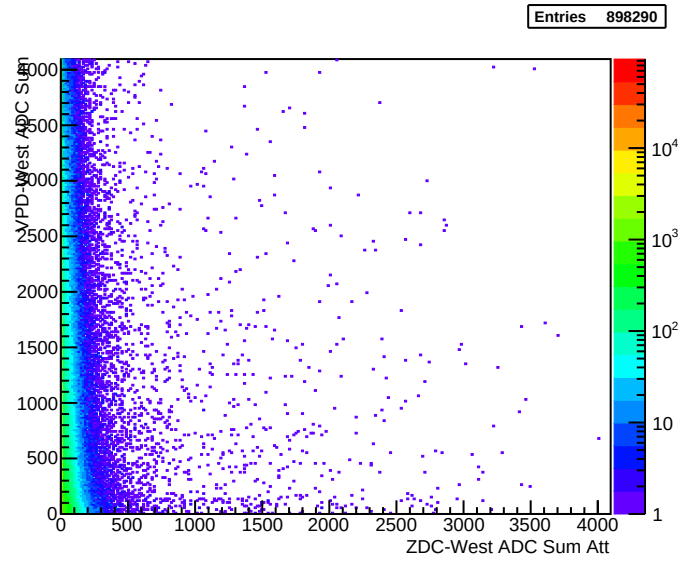

Entries 898290
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

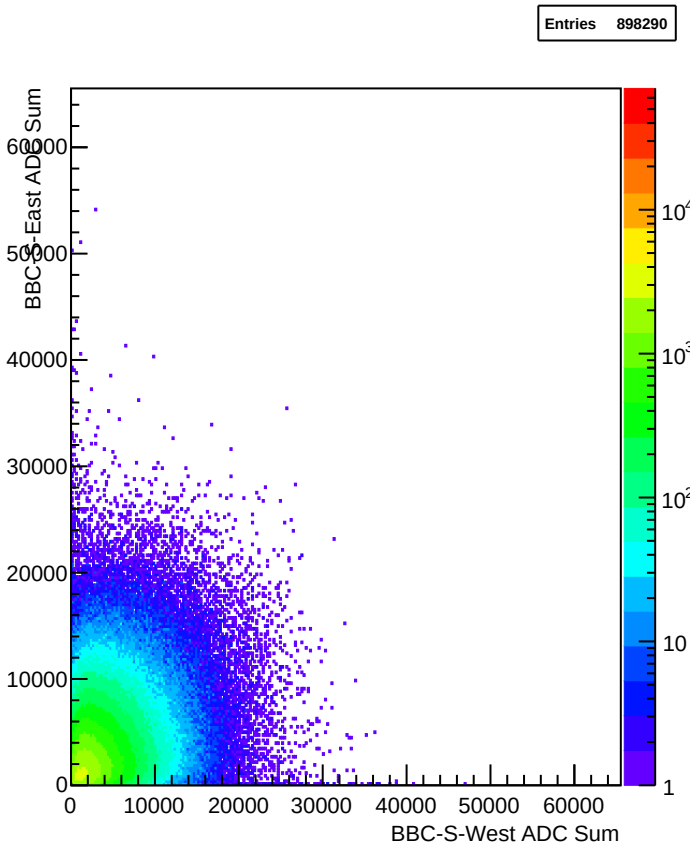

Entries 898290
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

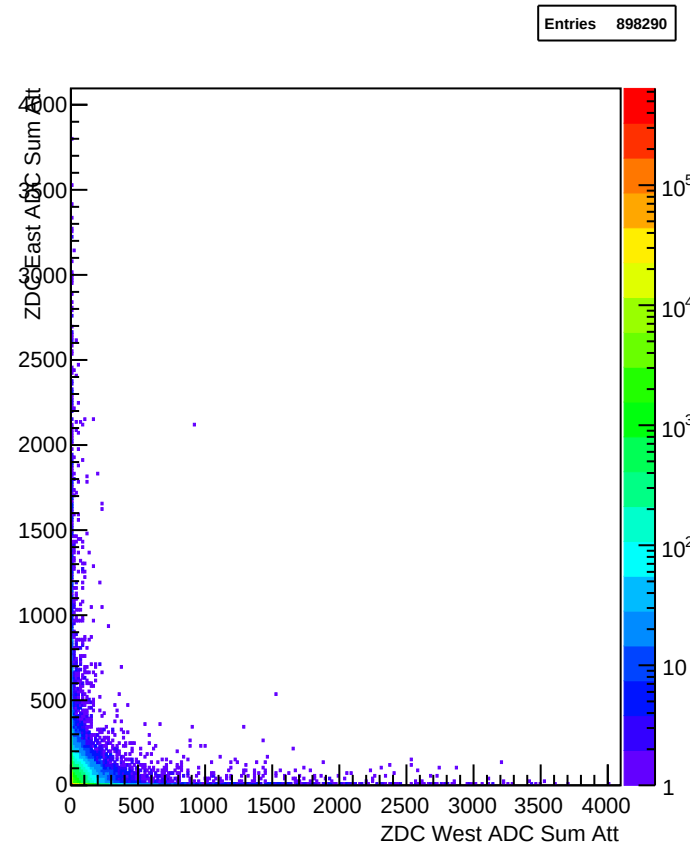

Entries 898290
BBC-S-East ADC Sum
VPD-East ADC Sum

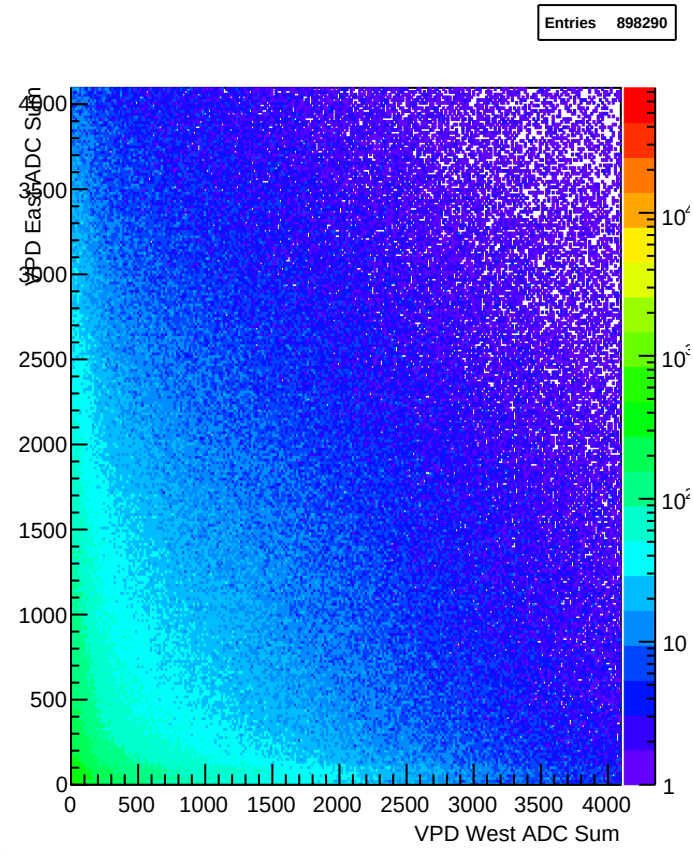

Entries 898290
BBC-S-West ADC Sum
VPD-West ADC Sum

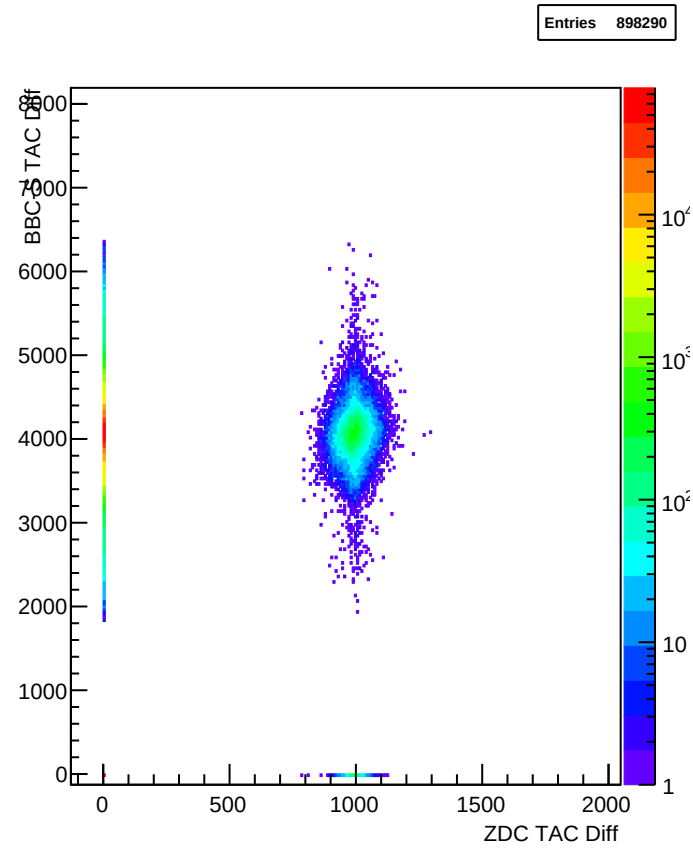

Entries 898290
VPD-East ADC Sum
ZDC-East ADC Sum Att

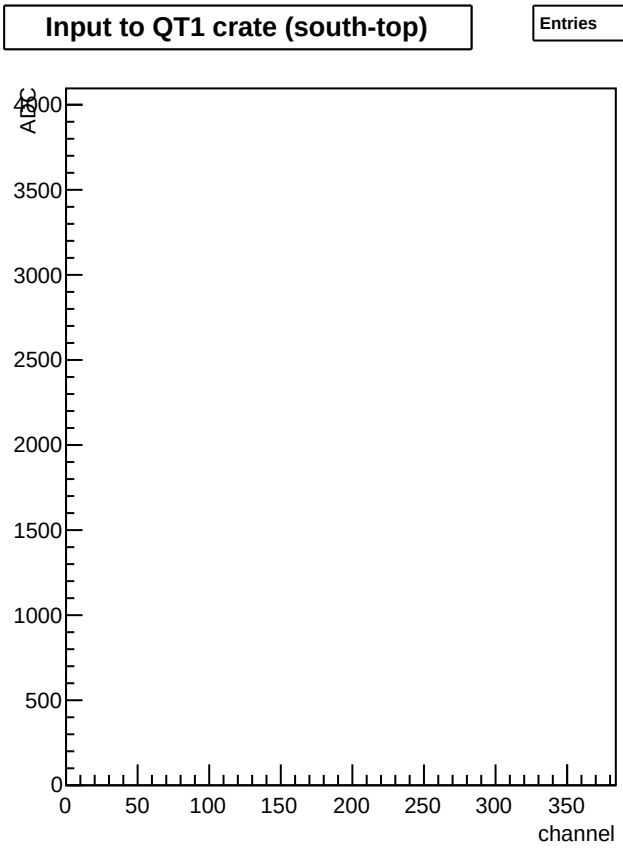

Entries 898290
VPD-West ADC Sum
ZDC-West ADC Sum Att

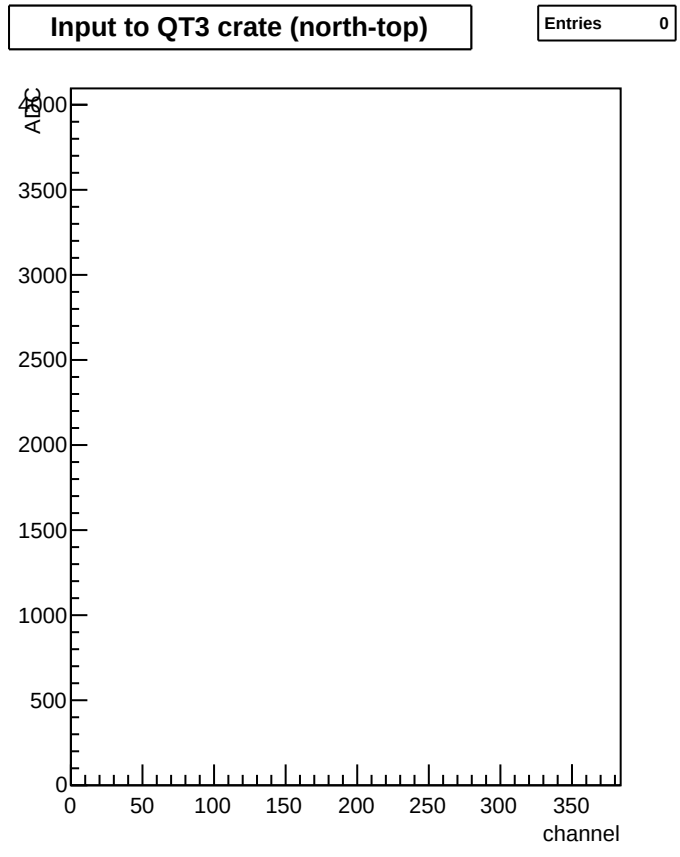

Entries 898290
BBC-S-East ADC Sum
BBC-S-West ADC Sum

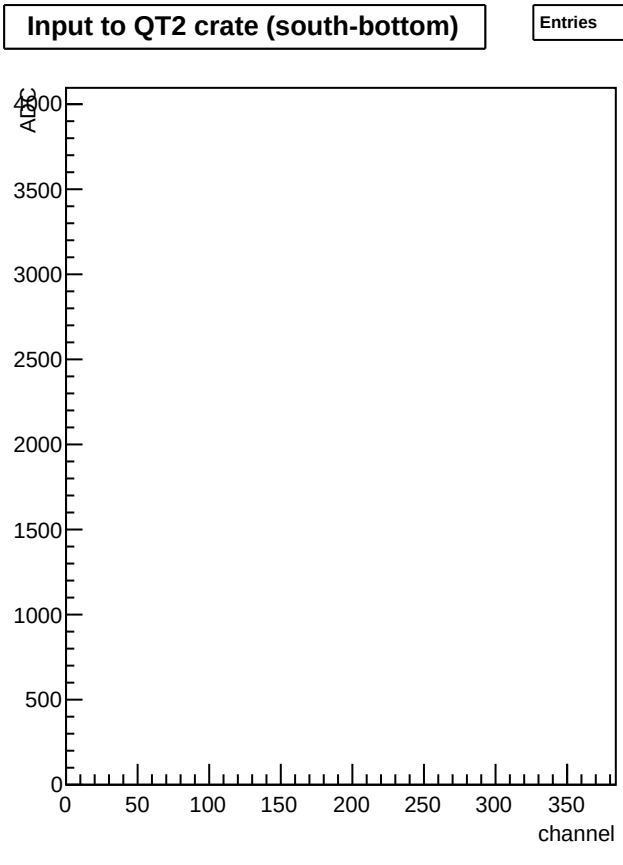

Entries 898290
ZDC East ADC Sum Att
ZDC West ADC Sum Att

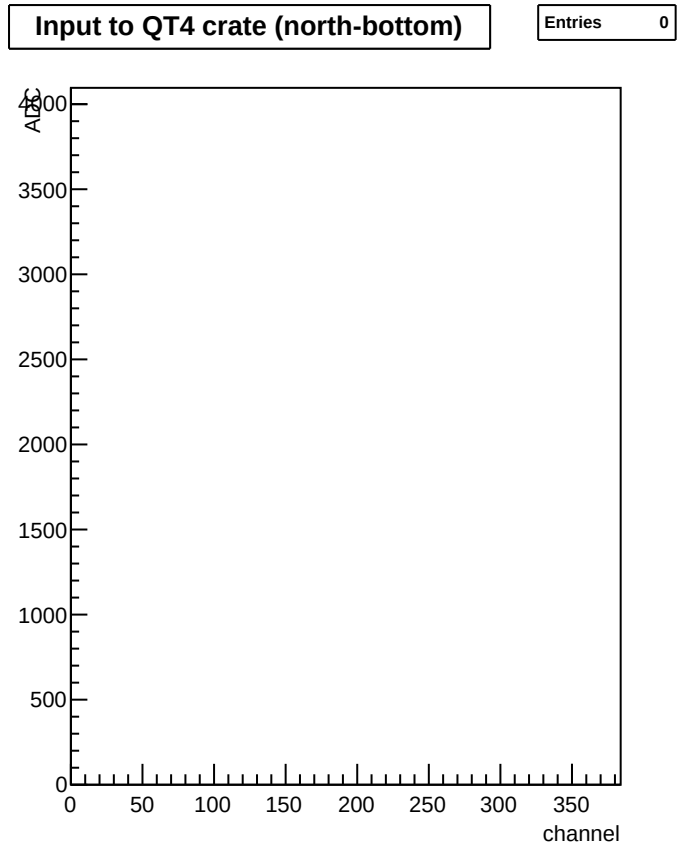

Entries 898290
VPD East ADC Sum
VPD West ADC Sum

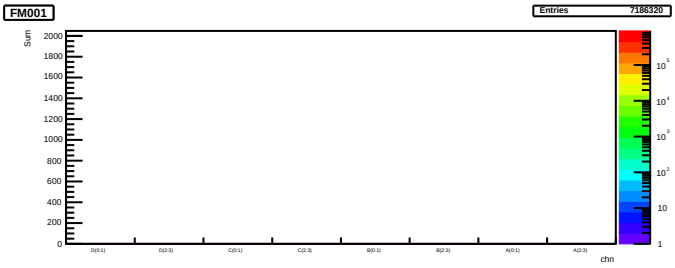

Entries 898290
BBC-S TAC Diff
ZDC TAC Diff

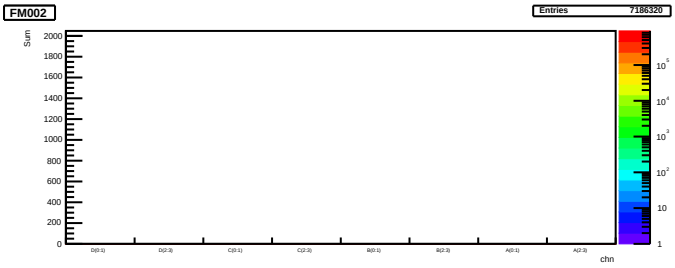

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

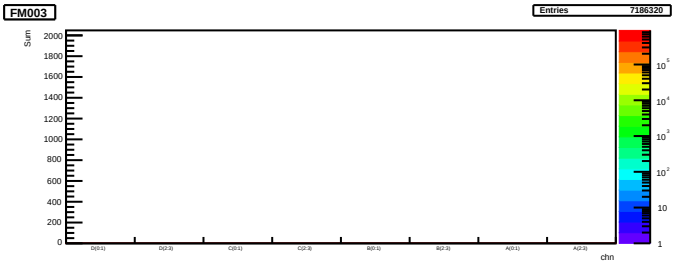

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

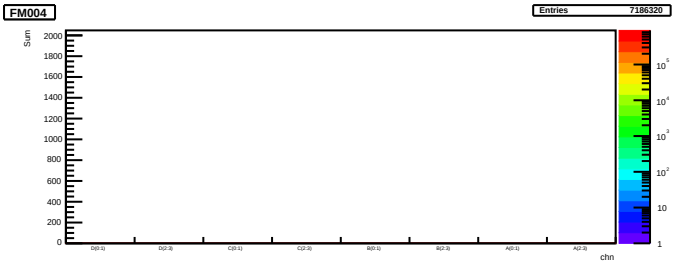

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

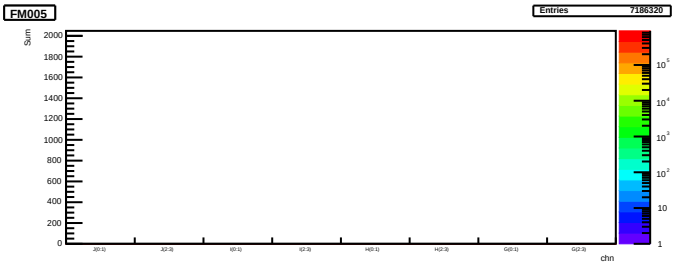

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

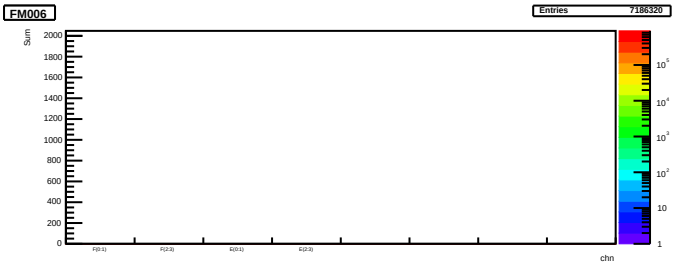

FM001
Entries 7186320
Sum
chn

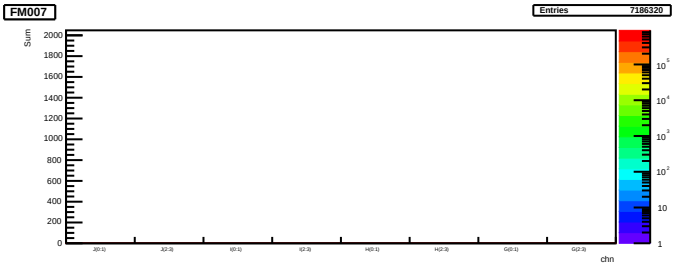

FM002
Entries 7186320
Sum
chn

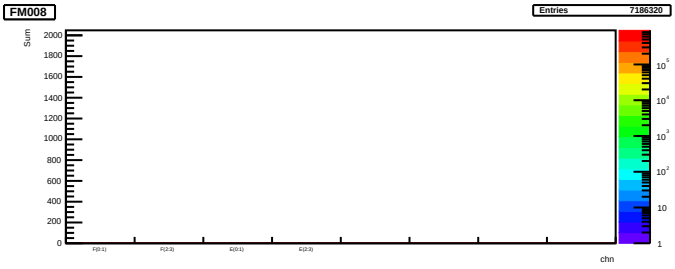

FM003
Entries 7186320
Sum
chn

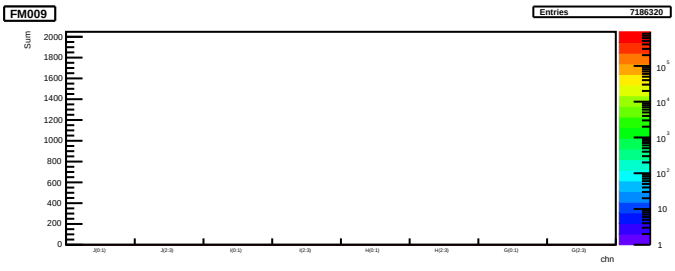

FM004
Entries 7186320
Sum
chn

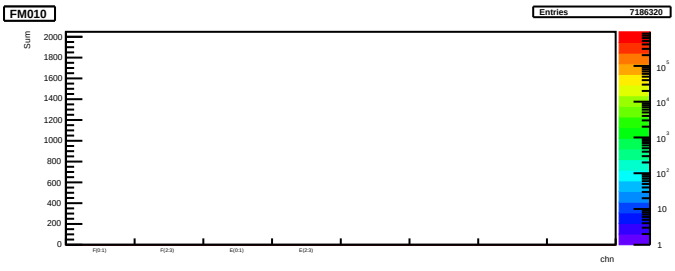

FM005
Entries 7186320
Sum
chn

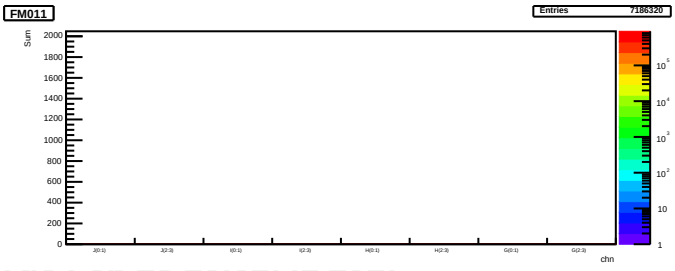

FM006
Entries 7186320
Sum
chn

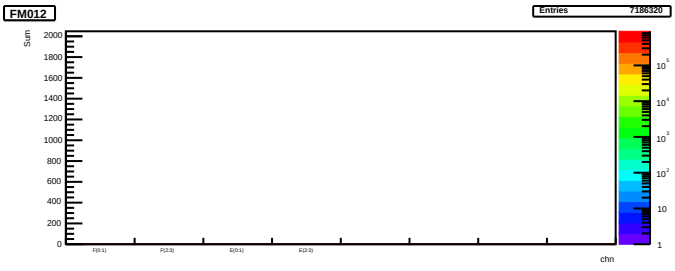

FM007
Entries 7186320
Sum
chn


FM008
Entries 7186320
Sum
chn


FM009
Entries 7186320
Sum
chn


FM010
Entries 7186320
Sum
chn


FM011
Entries 7186320
Sum
chn


FM012
Entries 7186320
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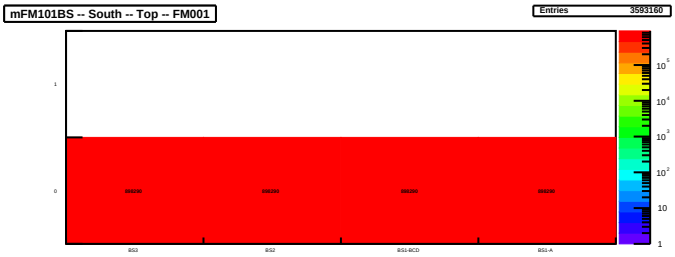
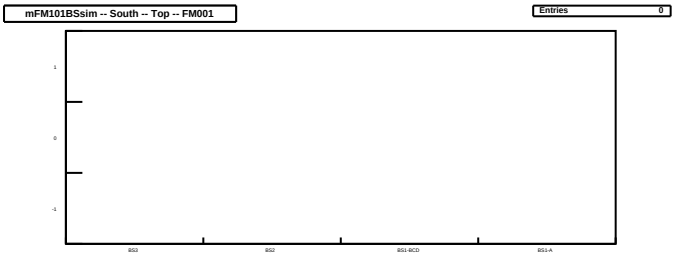
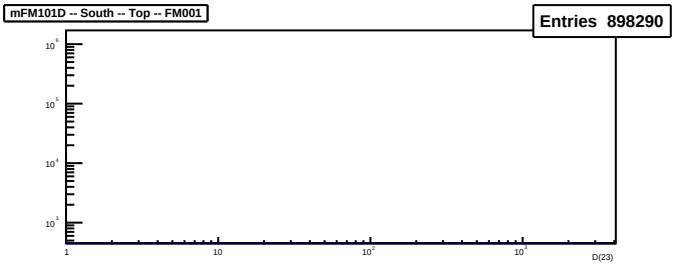
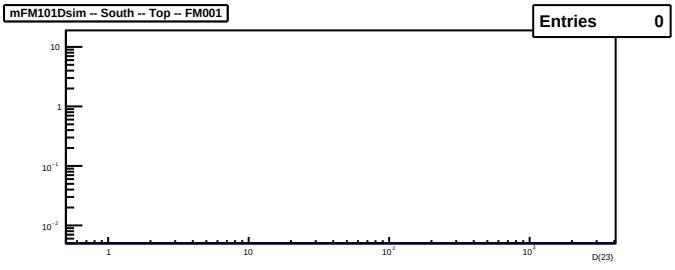

mFM101BS -- South -- Top -- FM001
Entries 3593160
BS3
BS2
BS1-BCD
BS1-A


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


mFM101D -- South -- Top -- FM001
Entries 898290
D(23)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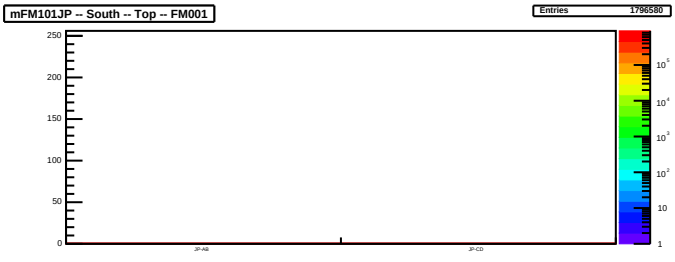
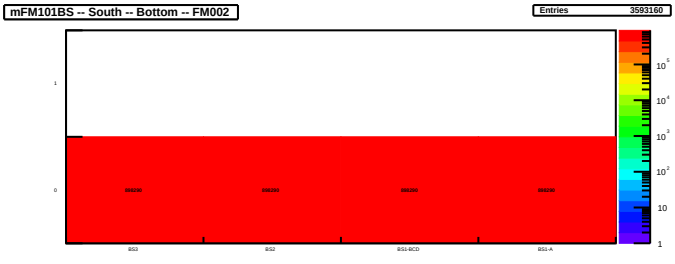
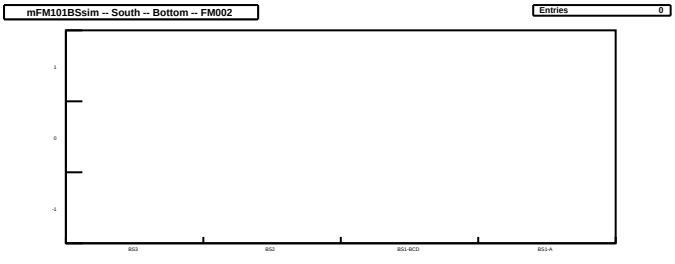
D(23)


mFM101JP -- South -- Top -- FM001
Entries 1796580
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 3593160
BS3
BS2
BS1-BCD
BS1-A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Entries 0
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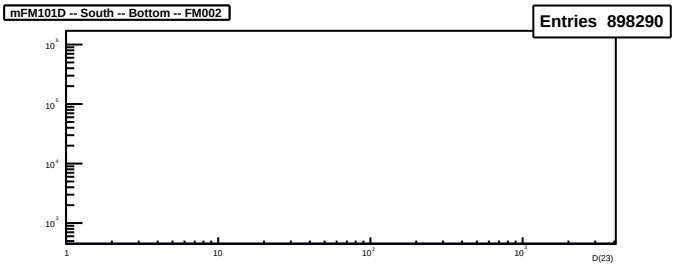
BS2
BS1-BCD
BS1-A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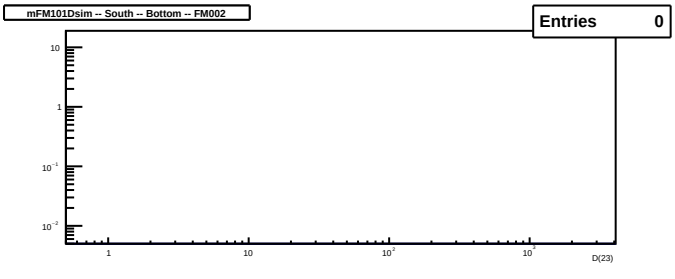
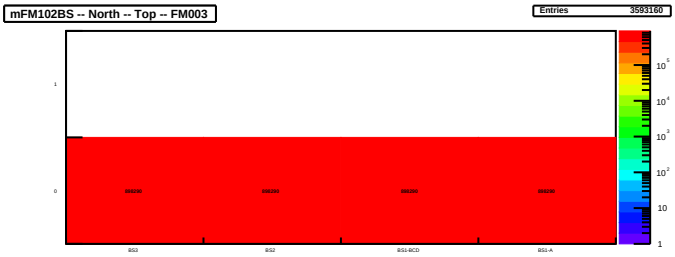
Entries 898290
D(23)

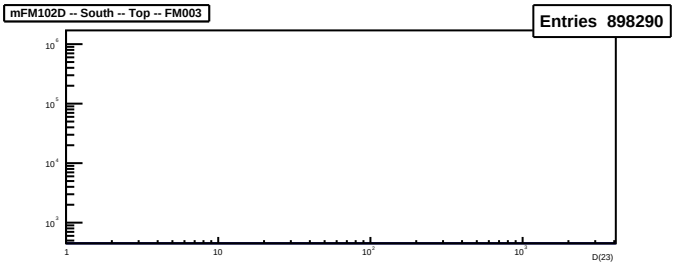

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

mFM101JP -- South -- Bottom -- FM002
Entries 1796580
JP-AB
JP-CD

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


mFM102BS -- North -- Top -- FM003
Entries 3593160
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A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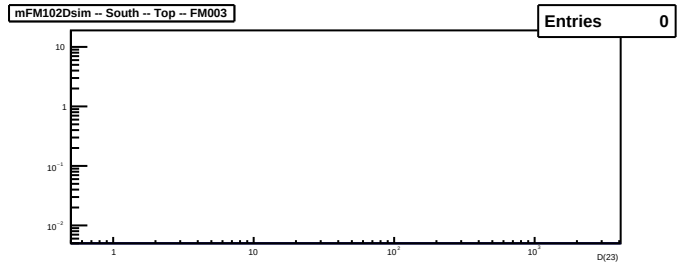
Entries 898290
D(23)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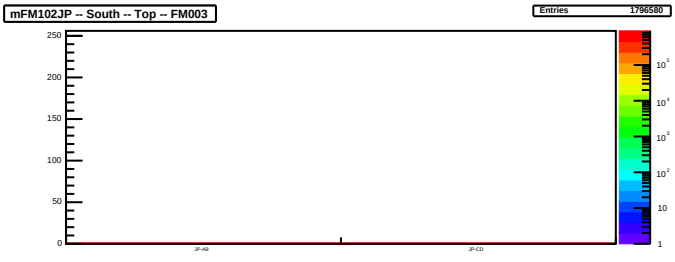
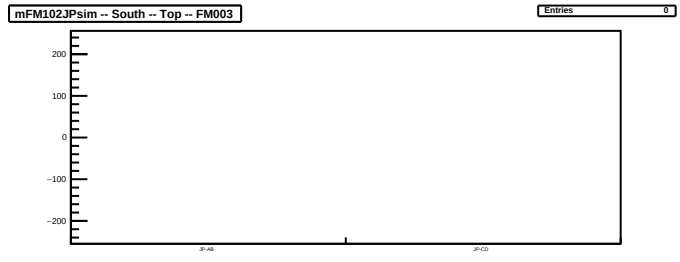
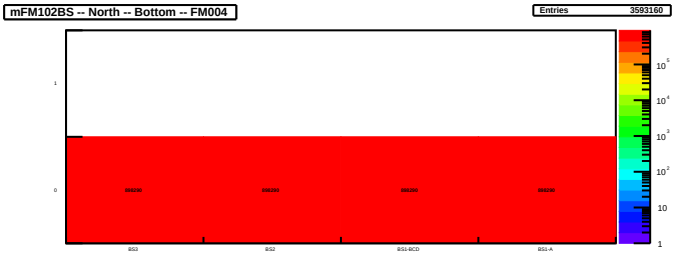
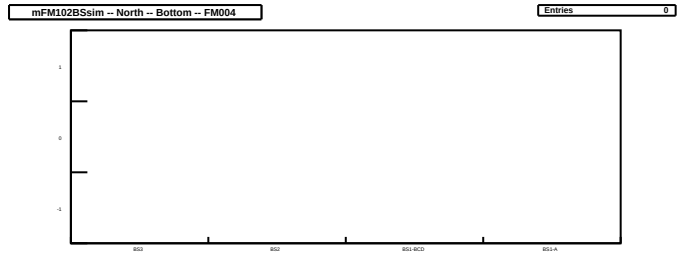
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 1796580
JP-AB
JP-CD


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


mFM102BS -- North -- Bottom -- FM004
Entries 3593160
BS3
BS2
BS1-BCD
BS1-A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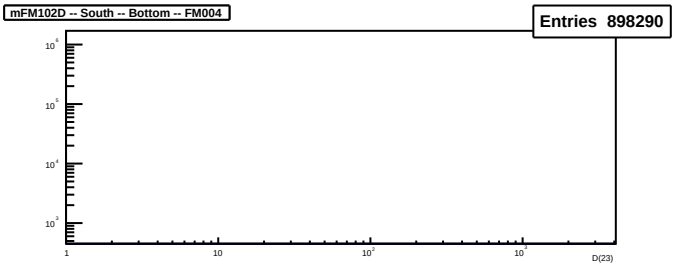
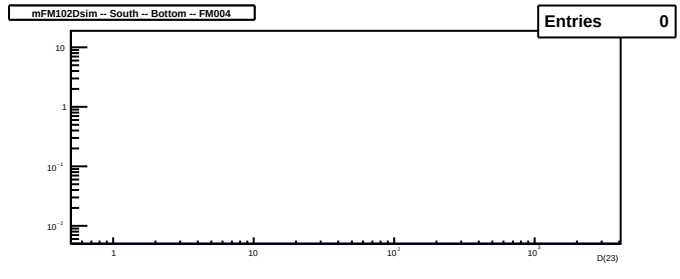
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 898290
D(23)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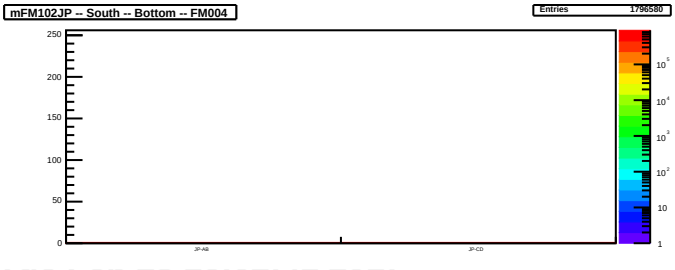
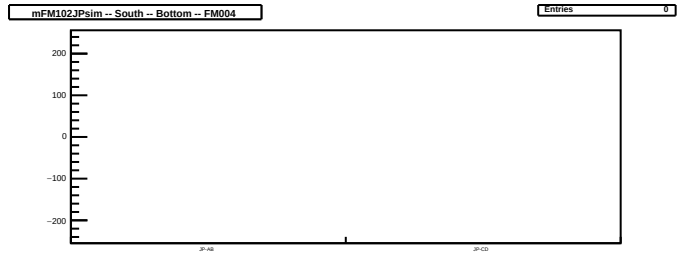
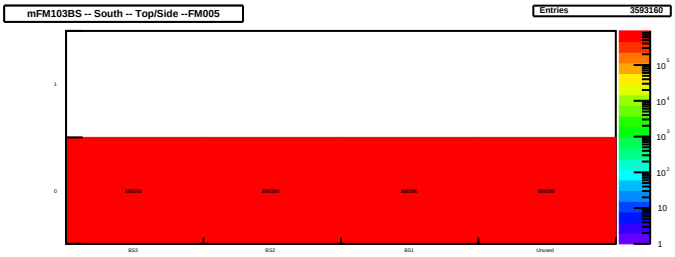
Entries 0
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 1796580
JP-AB
JP-CD


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


mFM103BS -- South -- Top/Side --FM005
Entries 3593160
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898290
898290
898290
BS3
BS2
BS1
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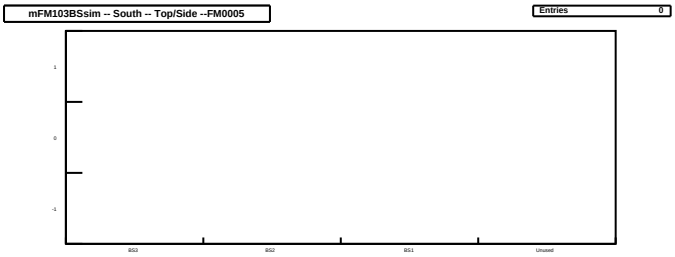
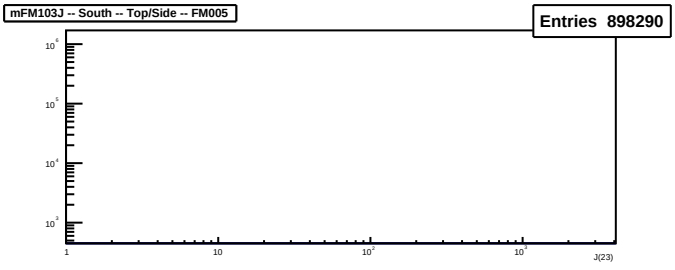
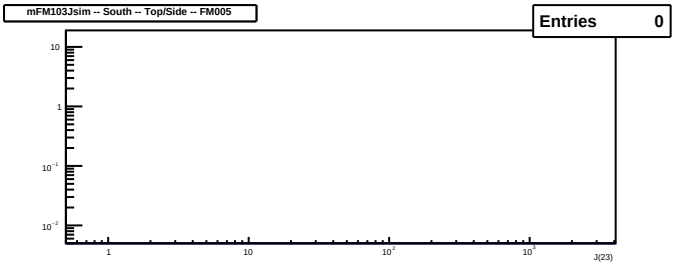

mFM103BSsim -- South -- Top/Side --FM0005
Entries 0
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 898290
J(23)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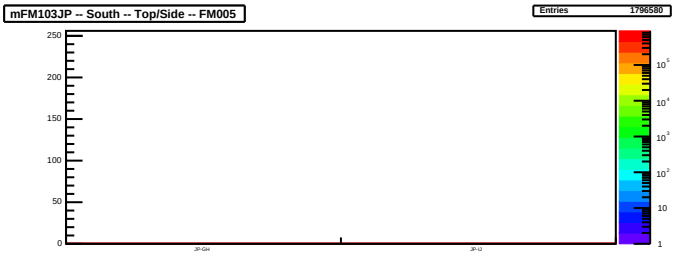
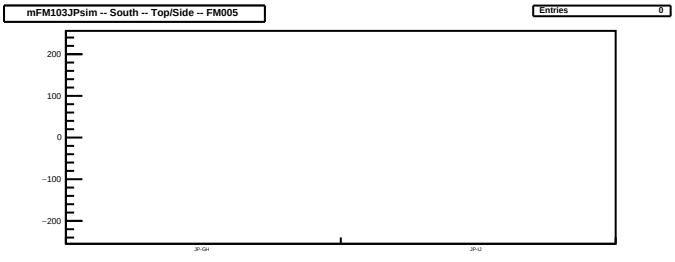
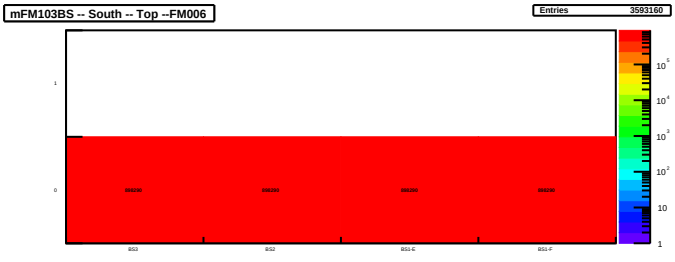
Entries 0
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 1796580
JP-GH
JP-IJ


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


mFM103BS -- South -- Top --FM006
Entries 3593160
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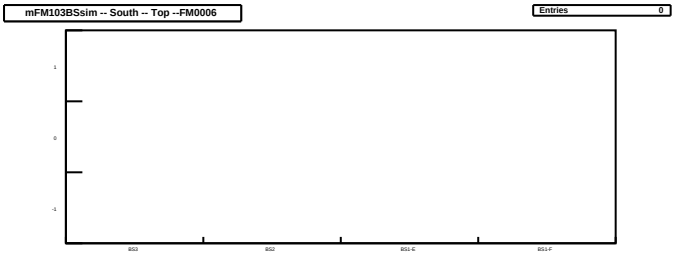
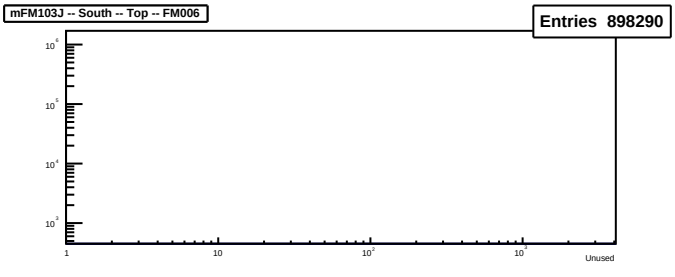
898290
898290
898290
BS3
BS2
BS1-E
BS1-F


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


mFM103J -- South -- Top -- FM006
Entries 898290
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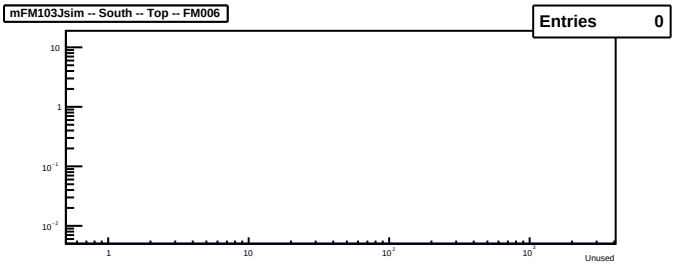
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Entries 0
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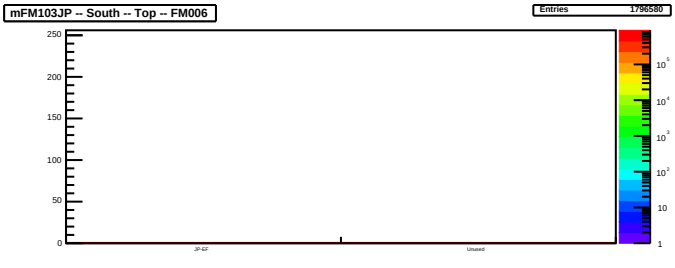
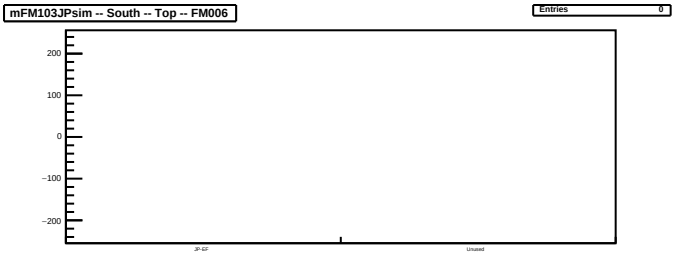

mFM103JP -- South -- Top -- FM006
Entries 1796580
JP-EF
Unused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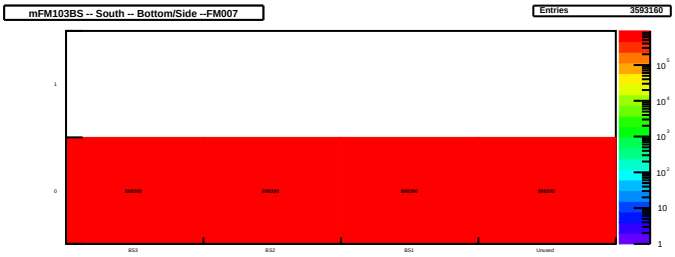
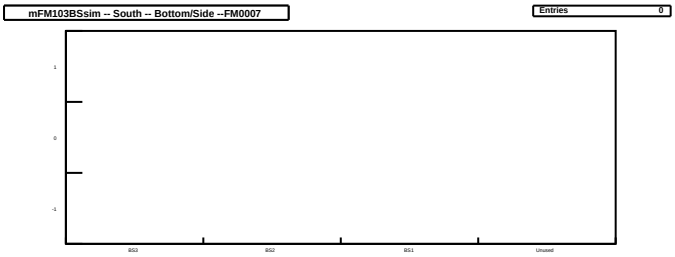
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 3593160
898290
898290
898290
898290
BS3
BS2
BS1
Unused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Entries 0
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BS2
BS1
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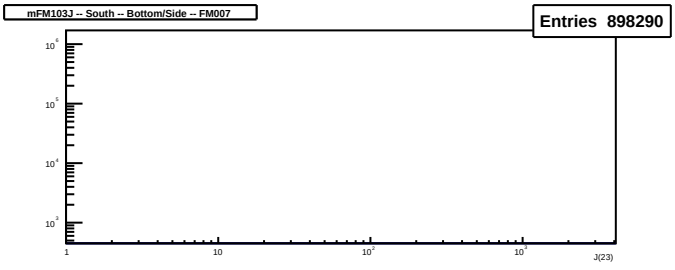
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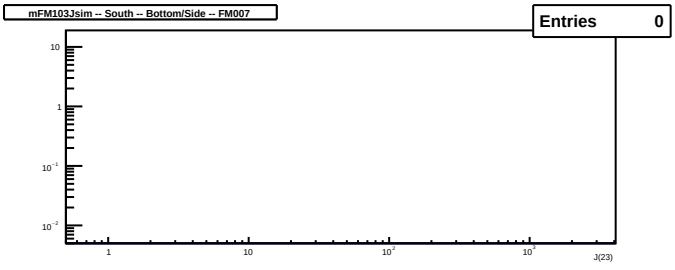
Entries 898290
J(23)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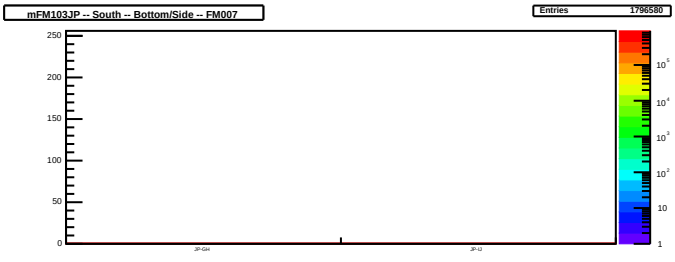
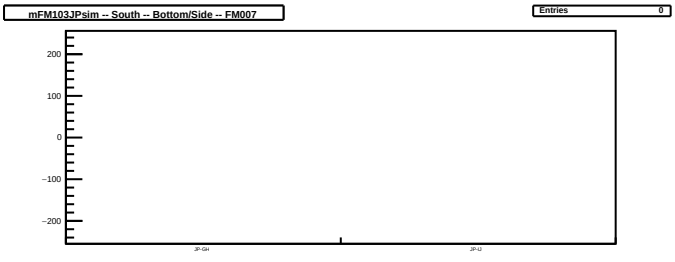
Entries 0
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 1796580
JP-GH
JP-IJ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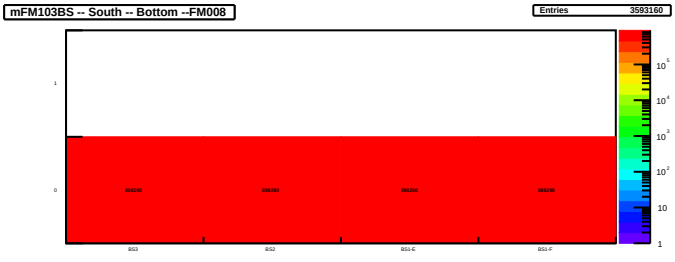
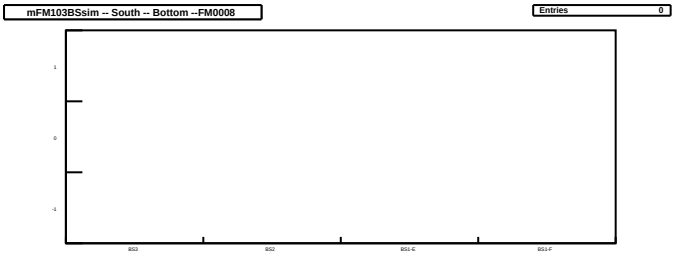
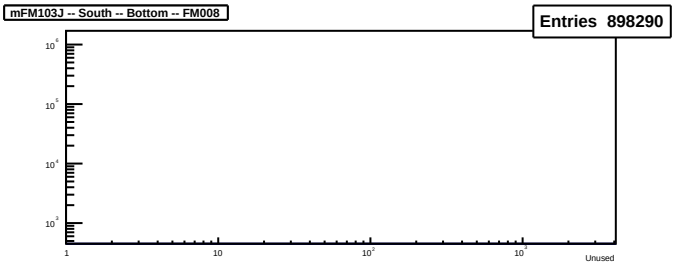
Entries 0
JP-GH
JP-IJ


mFM103BS -- South -- Bottom --FM008
Entries 3593160
898290
898290
898290
898290
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F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Entries 898290
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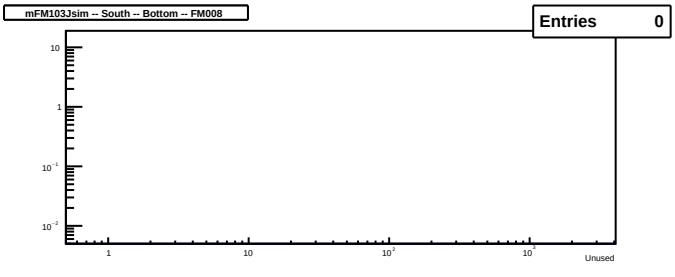
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Entries 0
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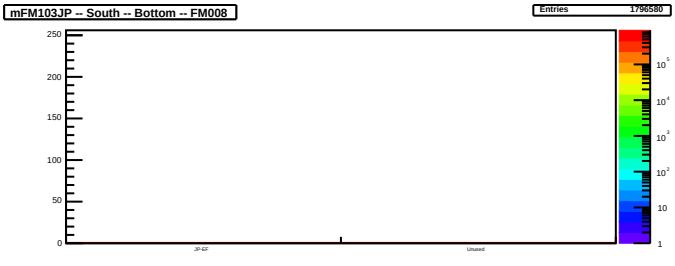
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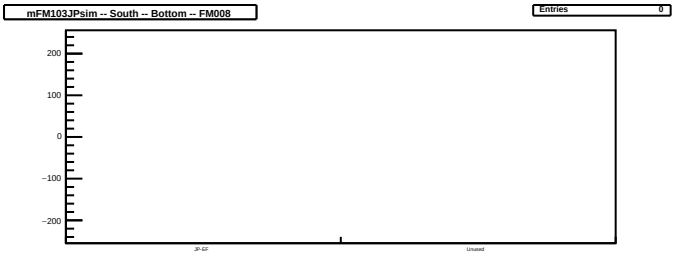
Entries 1796580
JP-EF
Unused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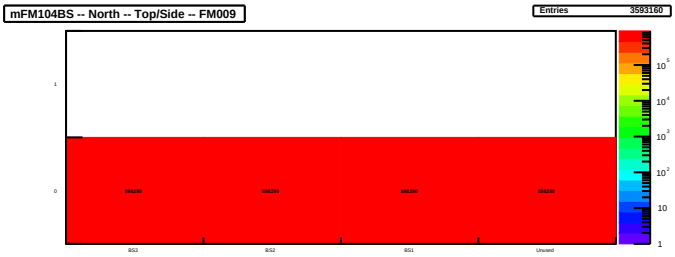
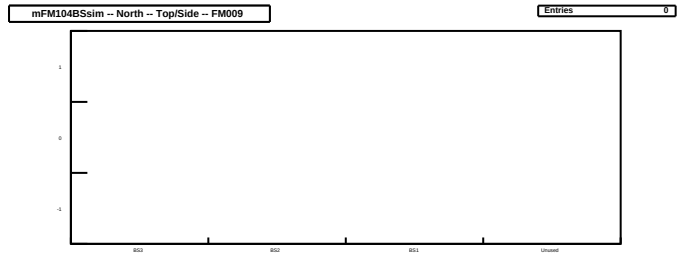
Entries 0
JP-EF
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 3593160
BS3
BS2
BS1
Unused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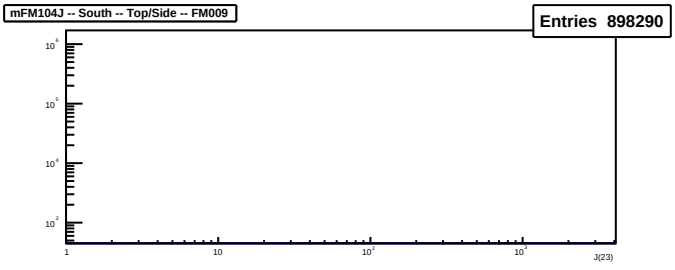
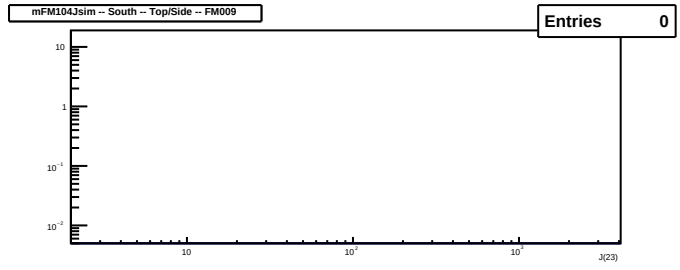
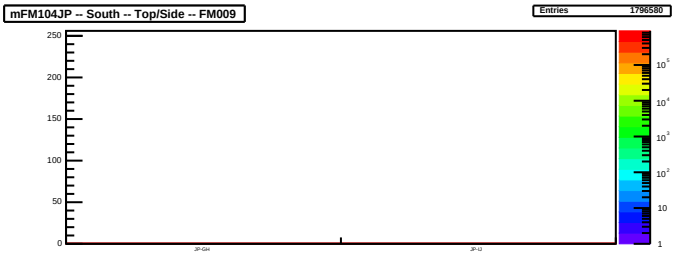
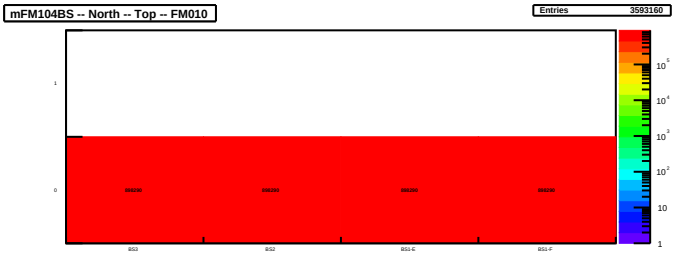
Entries 0
BS3
BS2
BS1
Unused

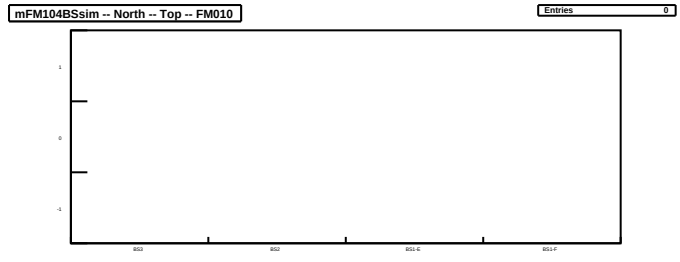

mFM104J -- South -- Top/Side -- FM009
Entries 898290
J(23)

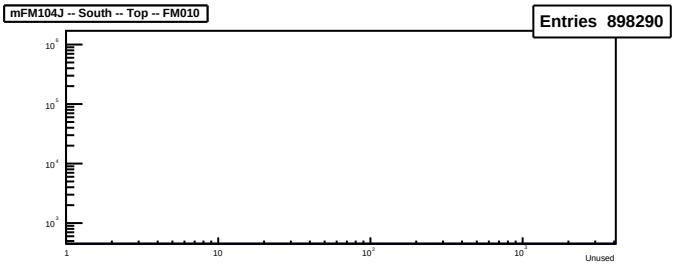

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1796580
JP-GH
JP-IJ

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


mFM104BS -- North -- Top -- FM010
Entries 3593160
BS3
BS2
BS1-E
BS1-F


mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F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Entries 898290
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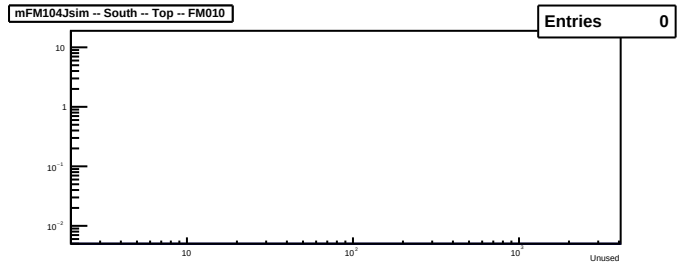
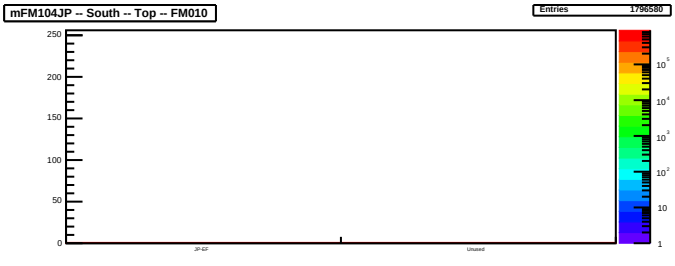
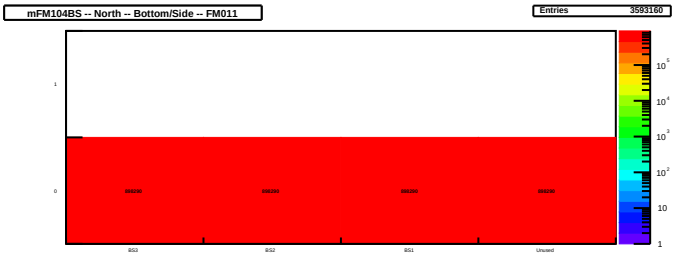
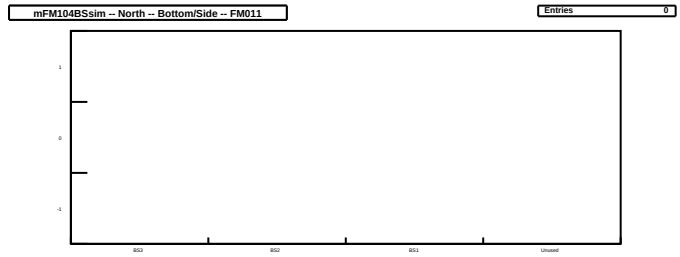
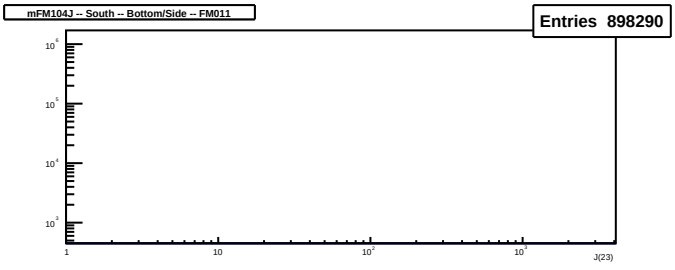

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

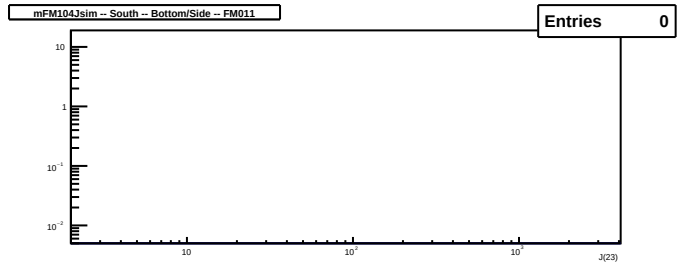

mFM104JP -- South -- Top -- FM010
Entries 1796580
JP-EF
Unused

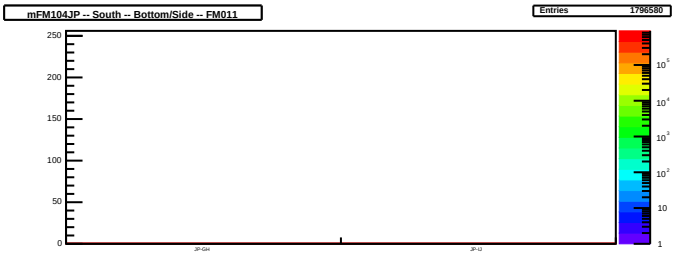
mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

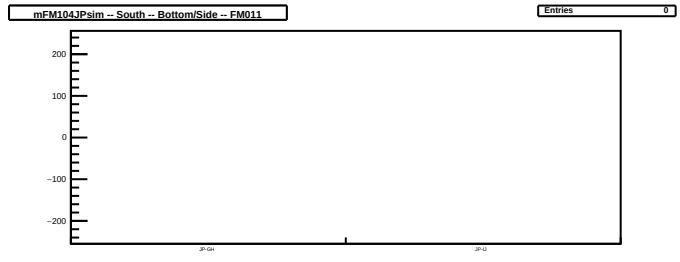

mFM104BS -- North -- Bottom/Side -- FM011
Entries 3593160
898290
898290
898290
898290
BS3
BS2
BS1
Unused

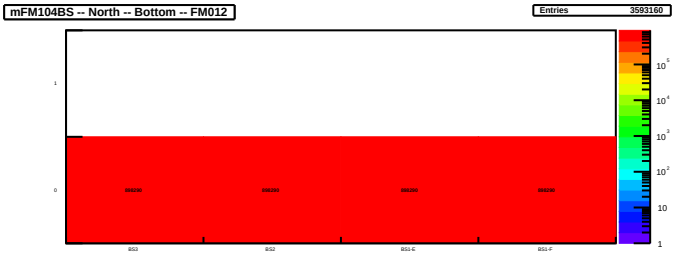

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

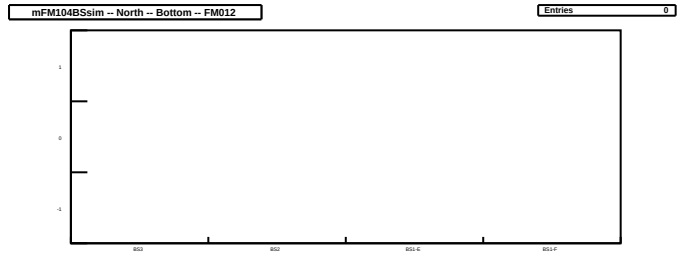

mFM104J -- South -- Bottom/Side -- FM011
Entries 898290
J(23)

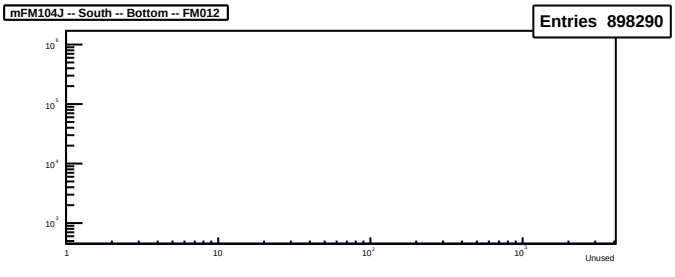

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

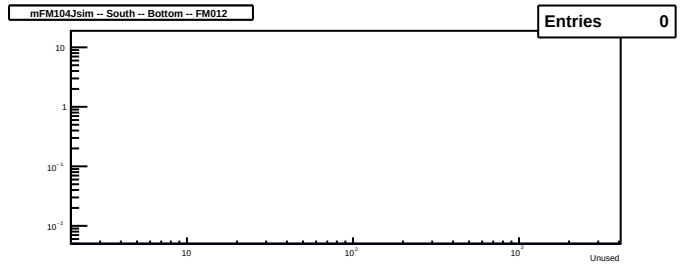

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1796580
JP-GH
JP-IJ


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

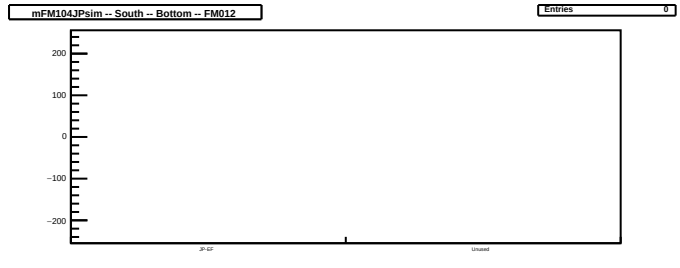

mFM104BS -- North -- Bottom -- FM012
Entries 3593160
898290
898290
898290
898290
BS3
BS2
BS1-E
BS1-F

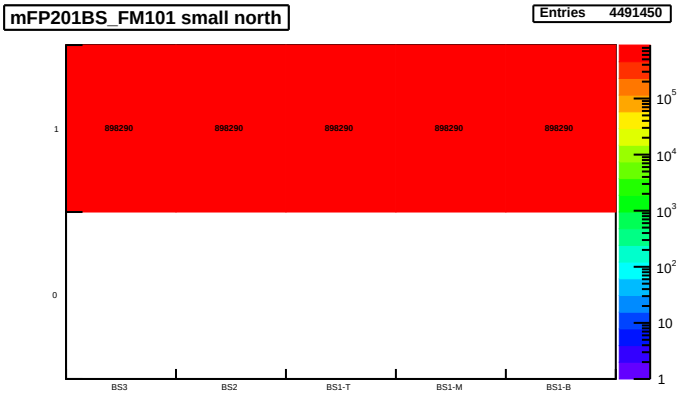

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

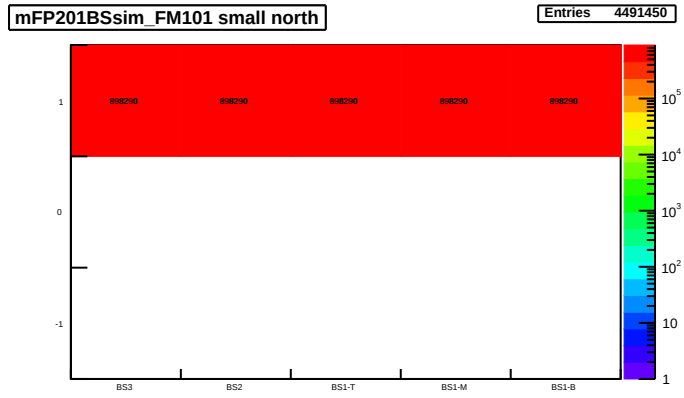

mFM104J -- South -- Bottom -- FM012
Entries 898290
Unused

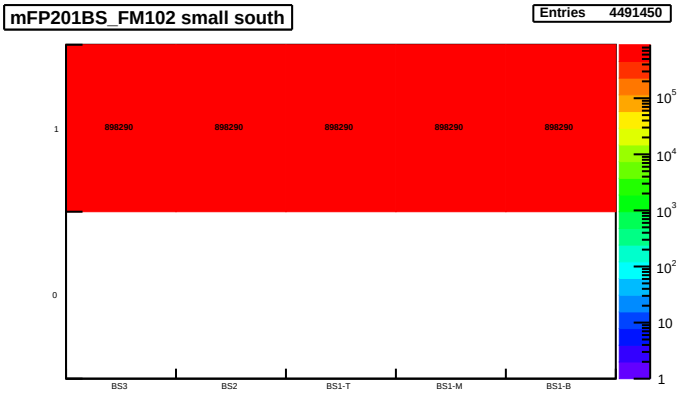

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

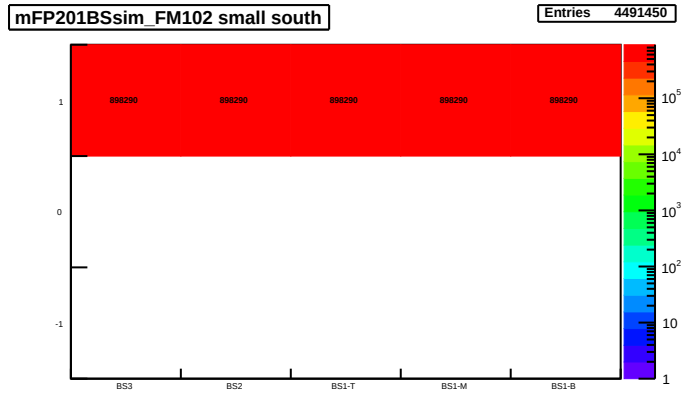
mFM104JP -- South -- Bottom -- FM012
Entries 1796580
JP-EF
Unused

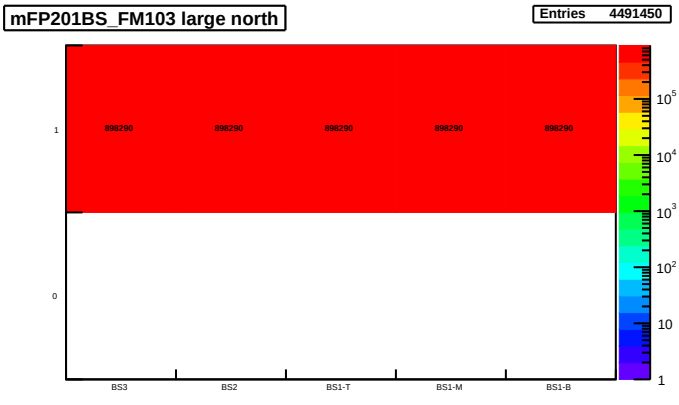

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

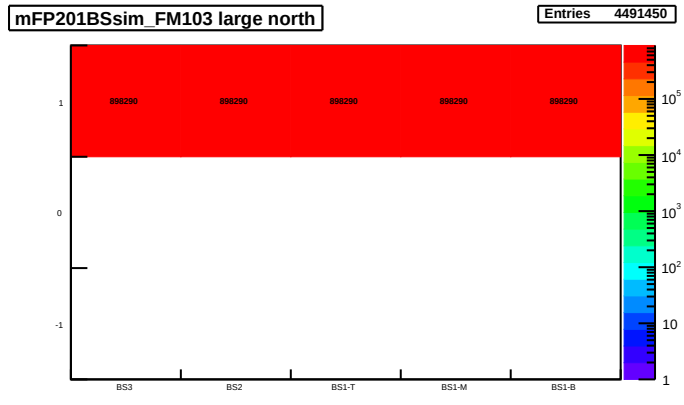

mFP201BS_FM101 small north
Entries 4491450
898290
BS3
BS2
BS1-T
BS1-M
BS1-B

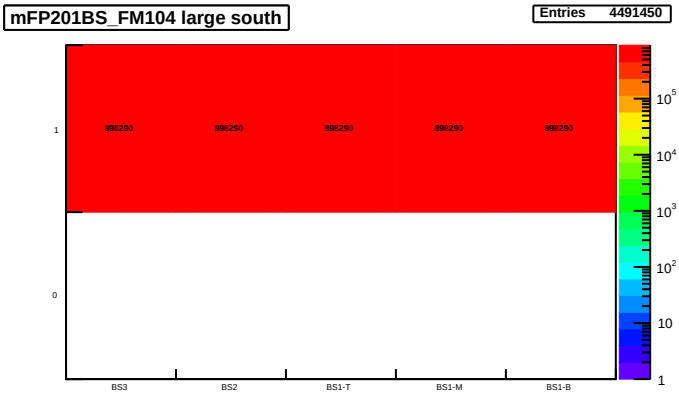

mFP201BSsim_FM101 small north
Entries 4491450
898290
BS3
BS2
BS1-T
BS1-M
BS1-B

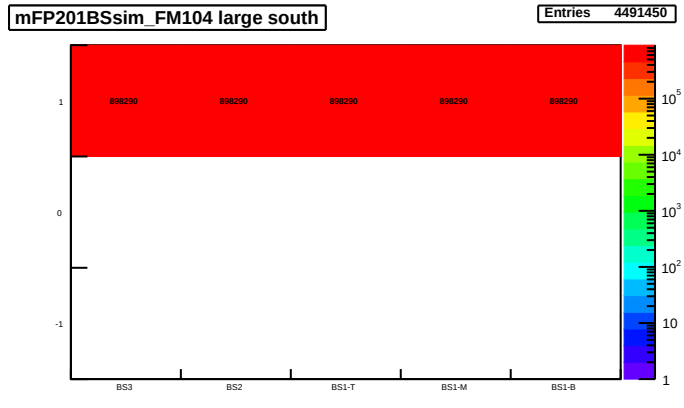

mFP201BS_FM102 small south
Entries 4491450
898290
BS3
BS2
BS1-T
BS1-M
BS1-B

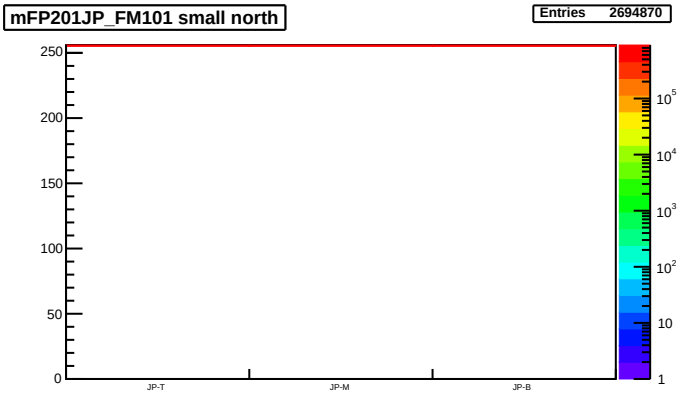

mFP201BSsim_FM102 small south
Entries 4491450
898290
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BS_FM103 large north
Entries 4491450
898290
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BSsim_FM103 large north
Entries 4491450
898290
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BS_FM104 large south
Entries 4491450
898290
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BSsim_FM104 large south
Entries 4491450
898290
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201JP_FM101 small north
Entries 2694870
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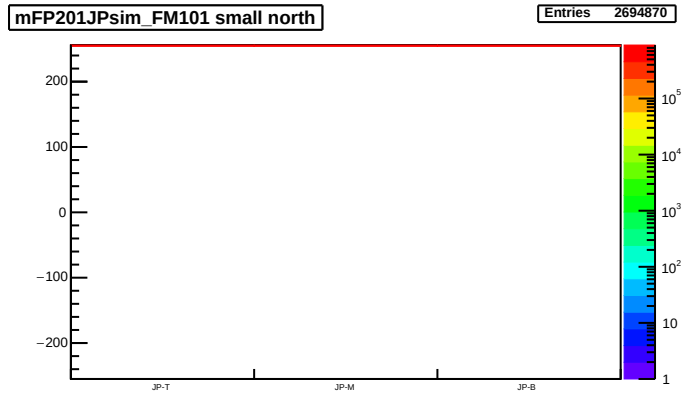
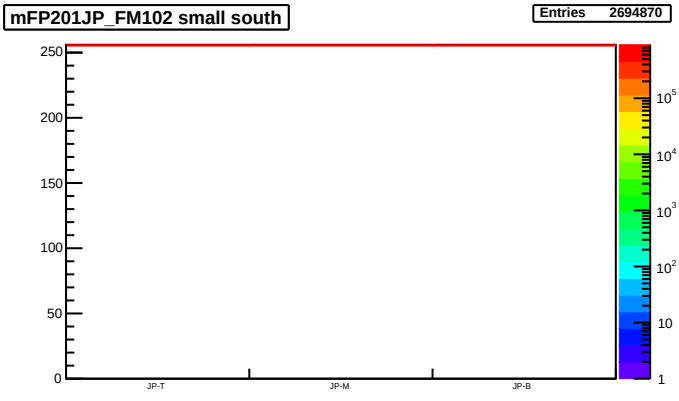
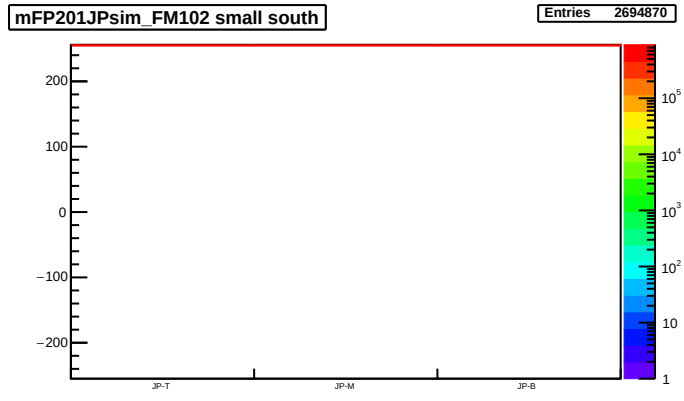
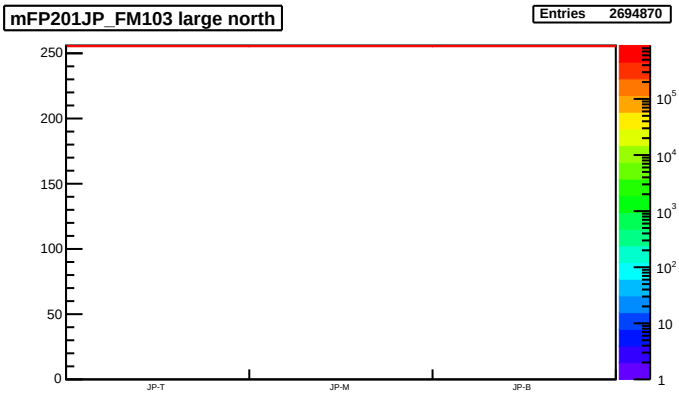
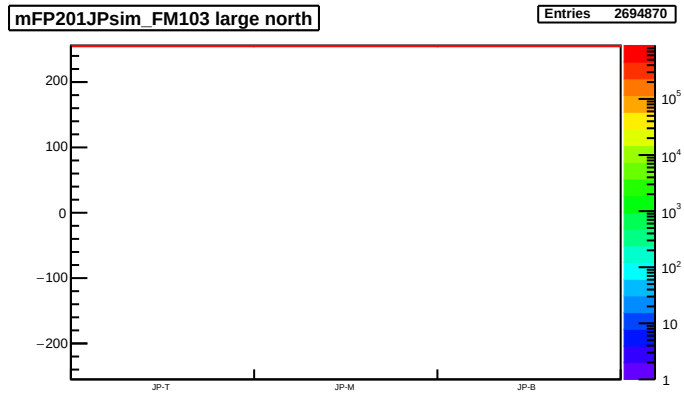
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

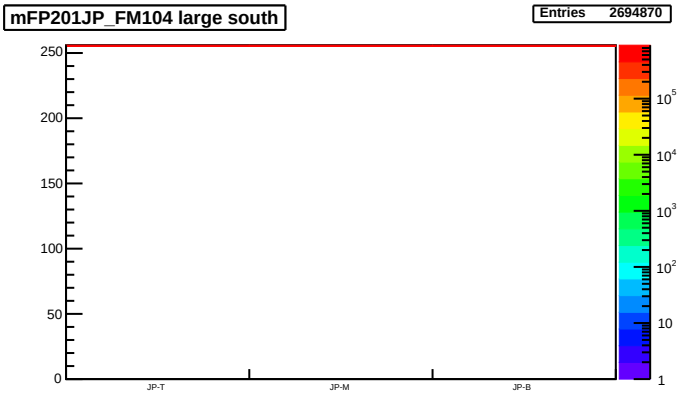

mFP201JPsim_FM101 small north
Entries 2694870
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1


mFP201JP_FM102 small south
Entries 2694870
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1


mFP201JPsim_FM102 small south
Entries 2694870
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1


mFP201JP_FM103 large north
Entries 2694870
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1


mFP201JPsim_FM103 large north
Entries 2694870
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1


mFP201JP_FM104 large south
Entries 2694870
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200
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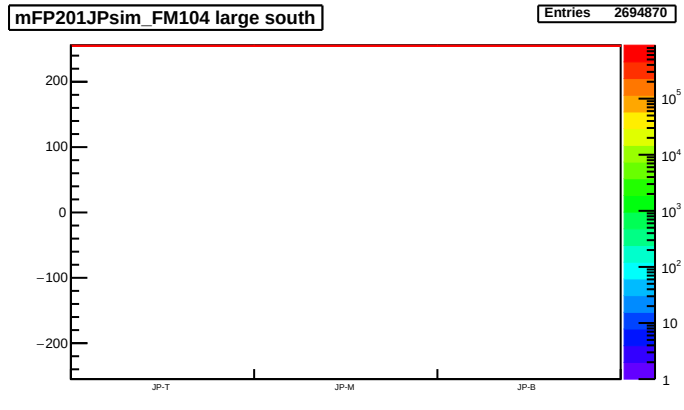
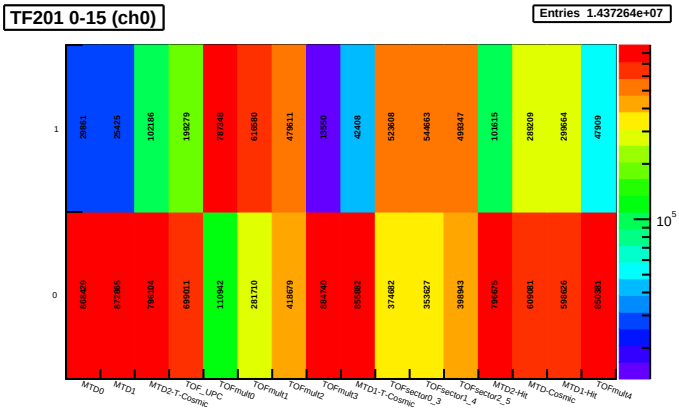
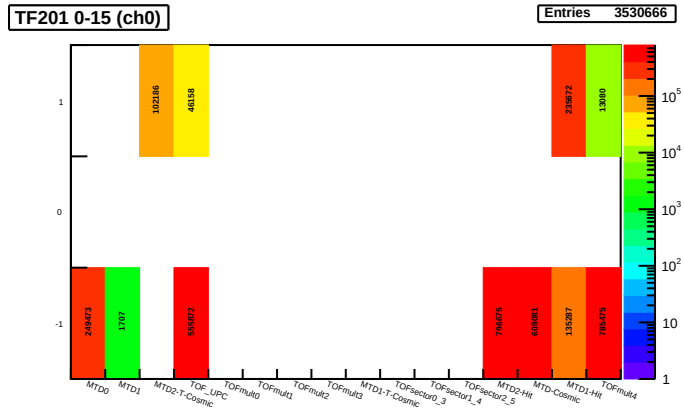
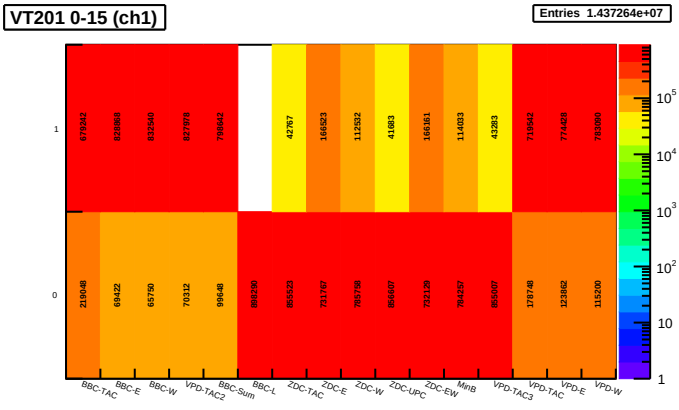
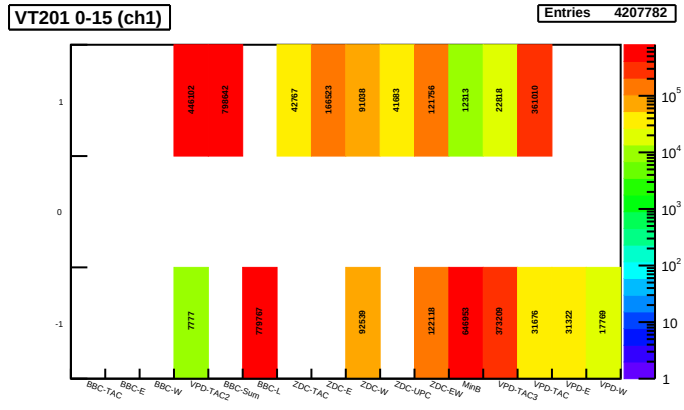
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

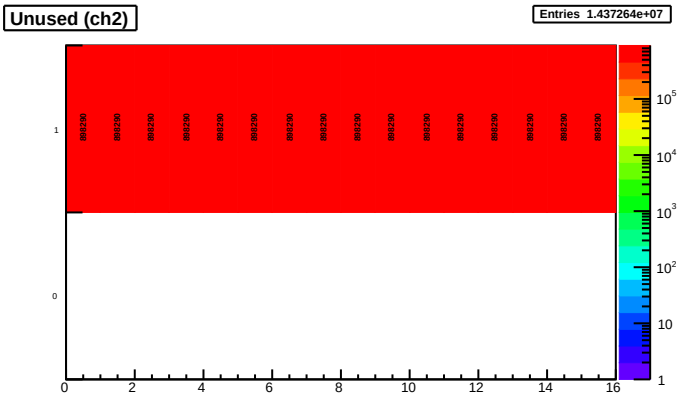

mFP201JPsim_FM104 large south
Entries 2694870
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

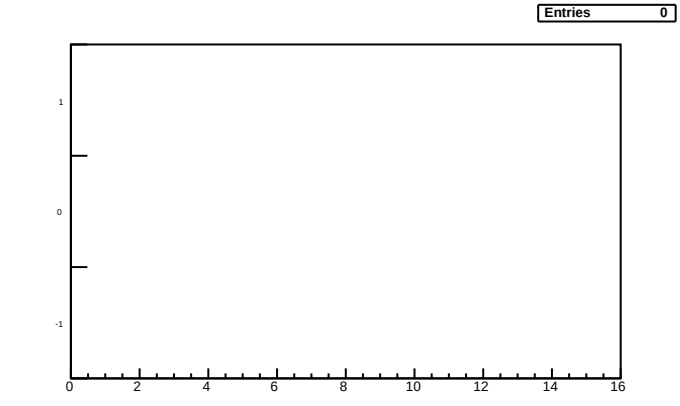

TF201 0-15 (ch0)
Entries 1.437264e+07
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

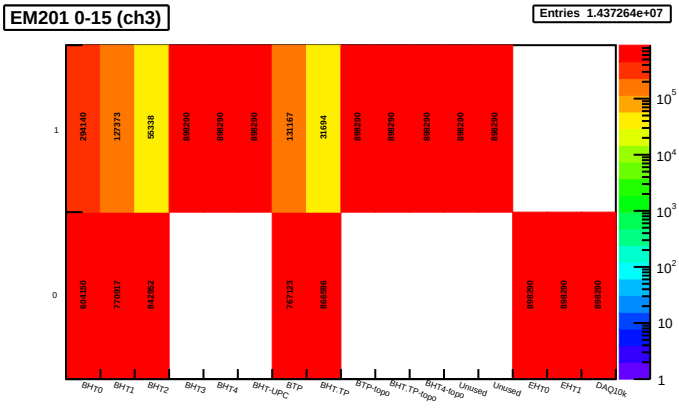

TF201 0-15 (ch0)
Entries 3530666
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

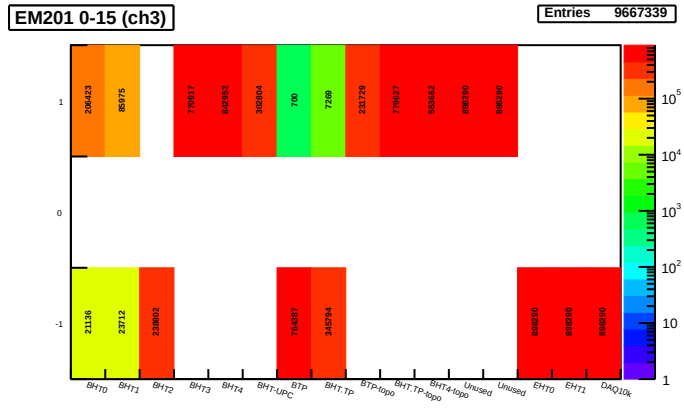

VT201 0-15 (ch1)
Entries 1.437264e+07
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

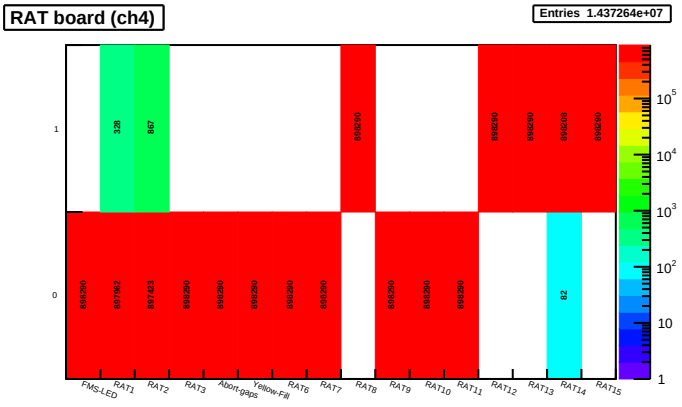

VT201 0-15 (ch1)
Entries 4207782
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

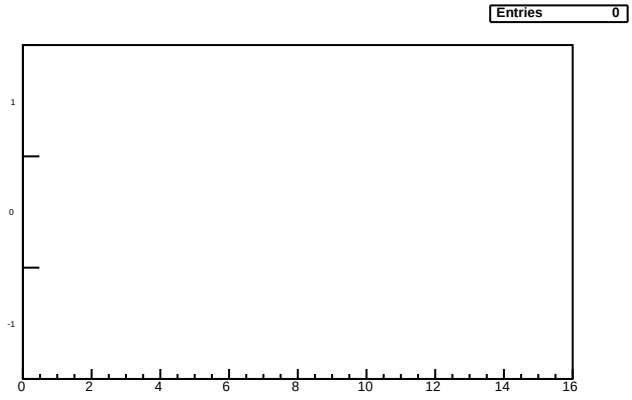

Unused (ch2)
Entries 1.437264e+07

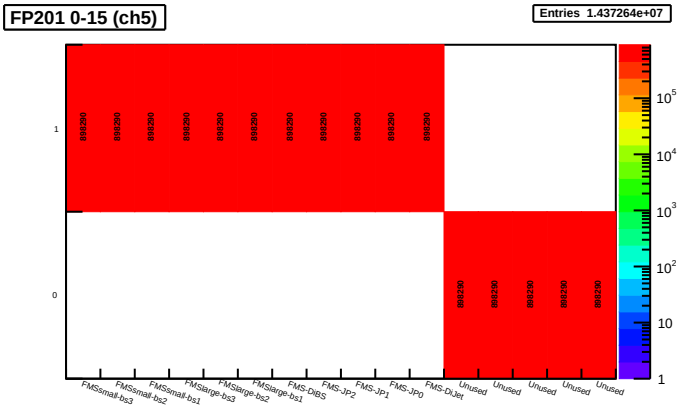

Entries 0

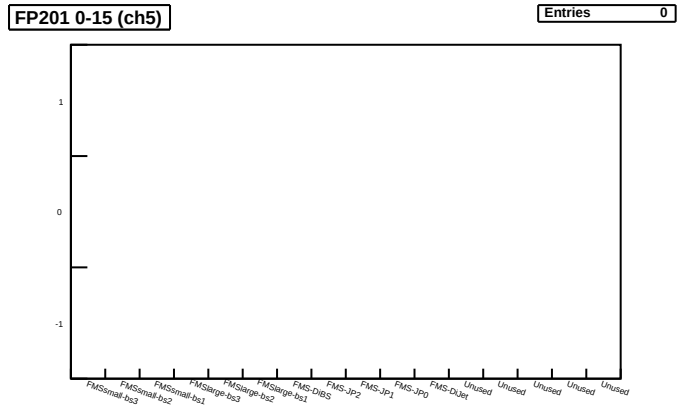

EM201 0-15 (ch3)
Entries 1.437264e+07
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

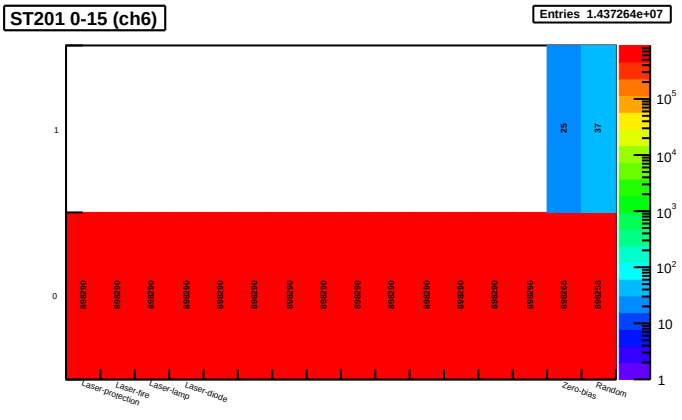

EM201 0-15 (ch3)
Entries 9667339
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

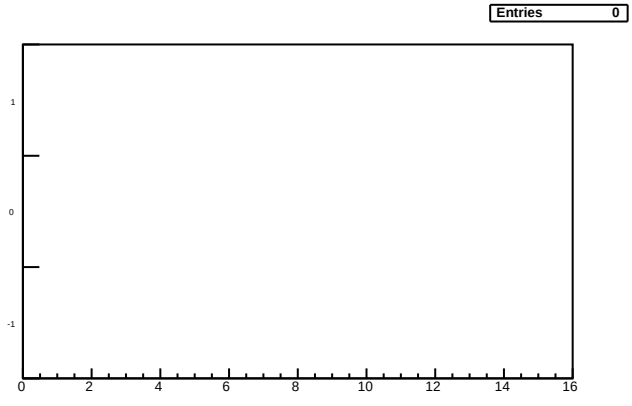

RAT board (ch4)
Entries 1.437264e+07
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

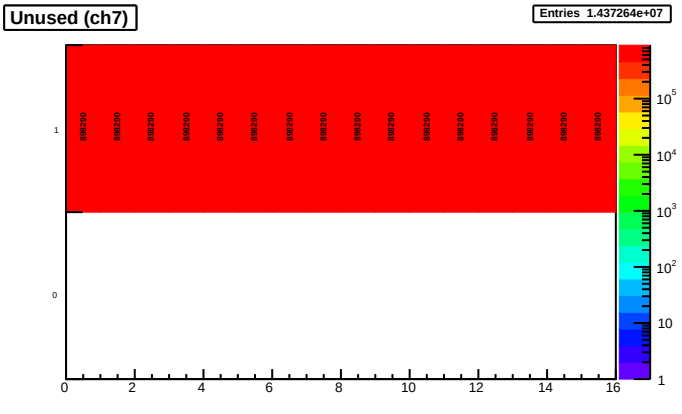

Entries 0

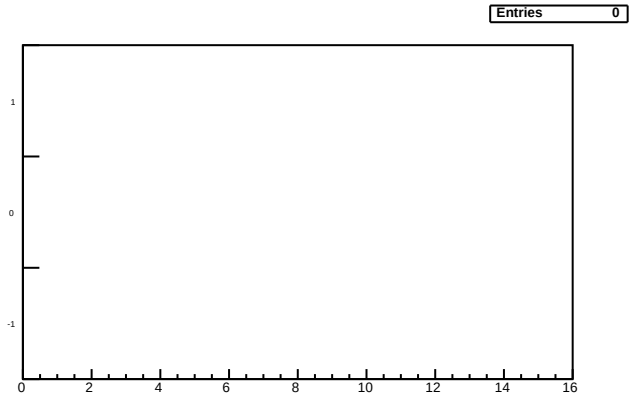

FP201 0-15 (ch5)
Entries 1.437264e+07
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 1.437264e+07
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bas
Random


Entries 0


Unused (ch7)
Entries 1.437264e+07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