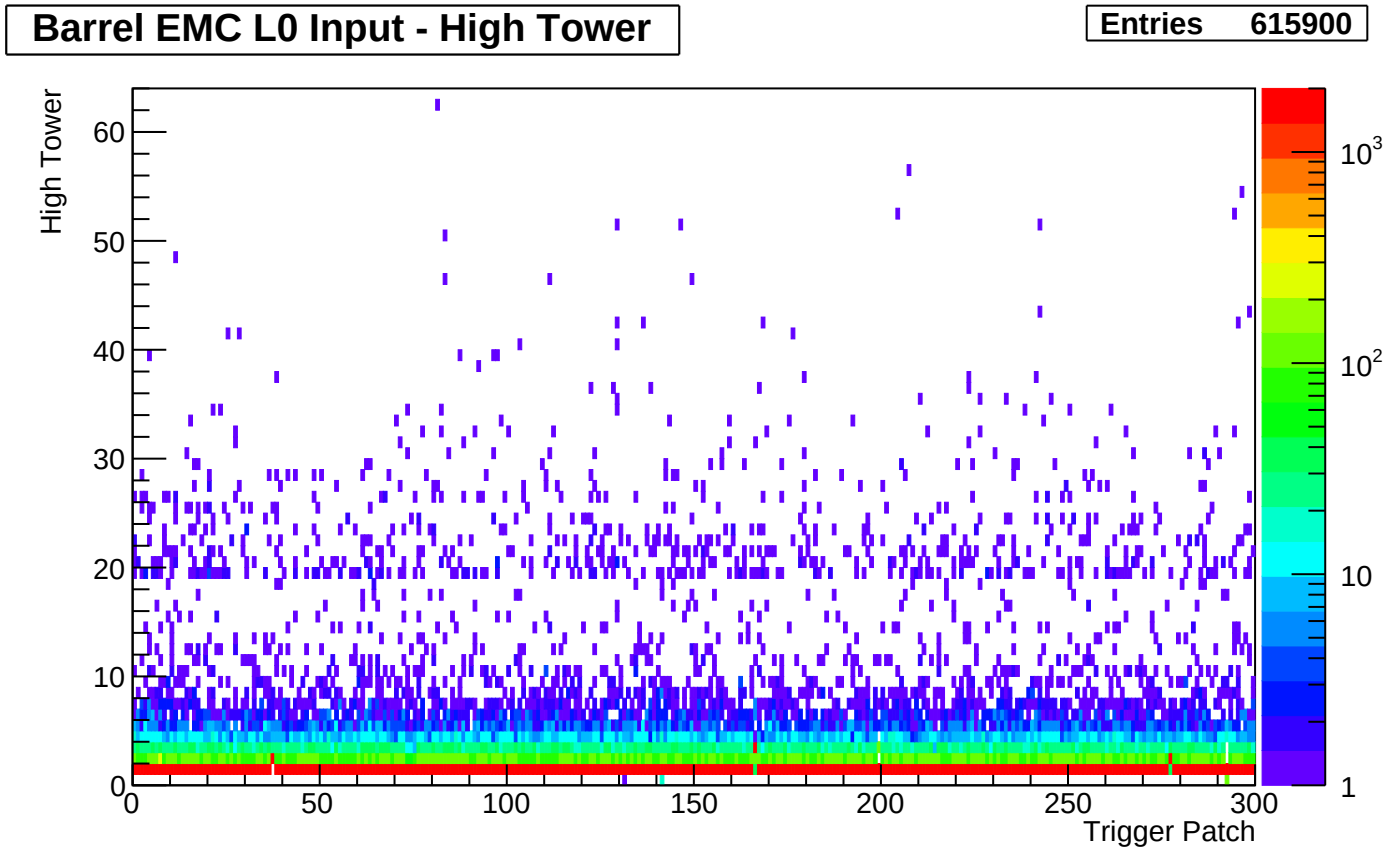
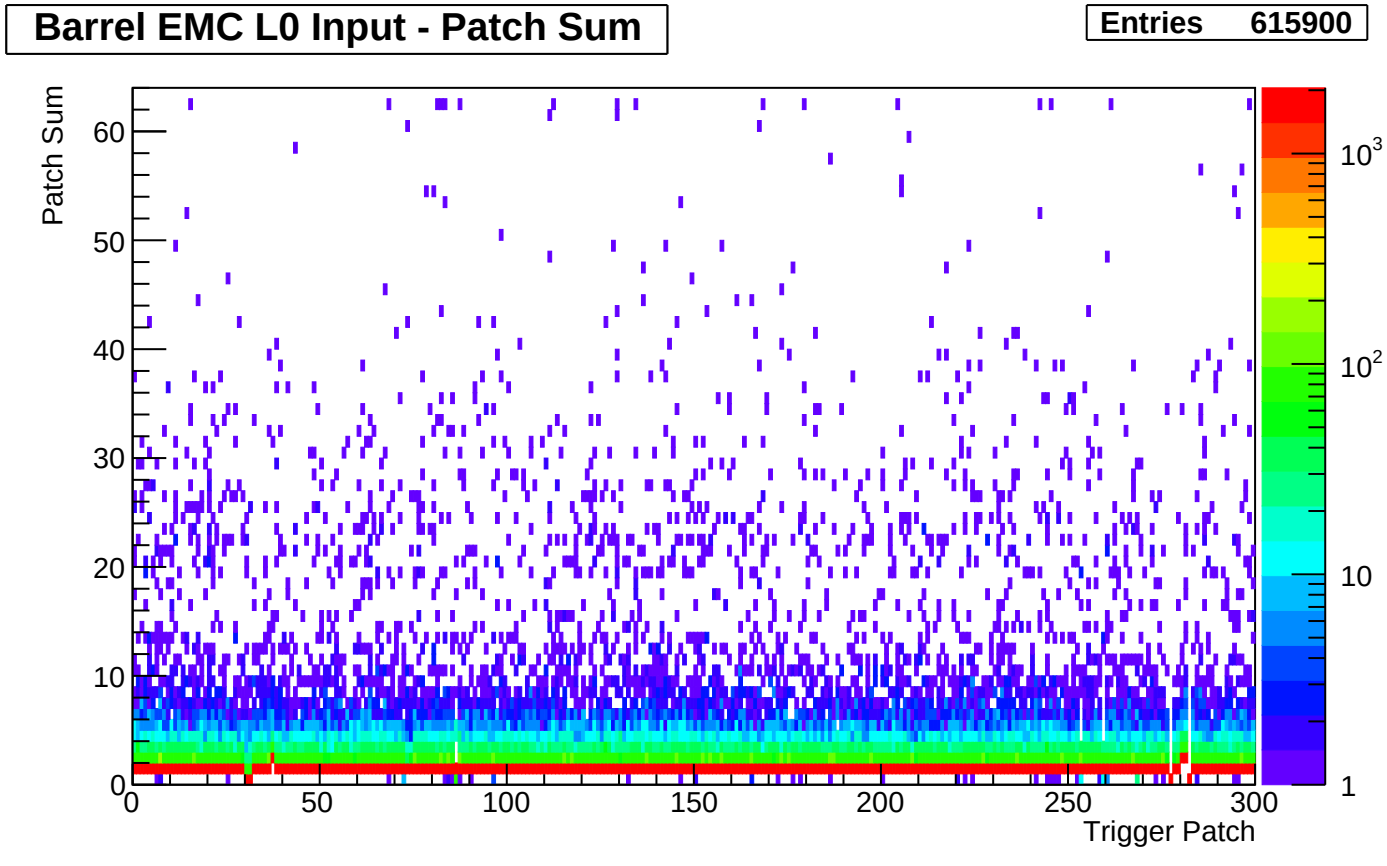
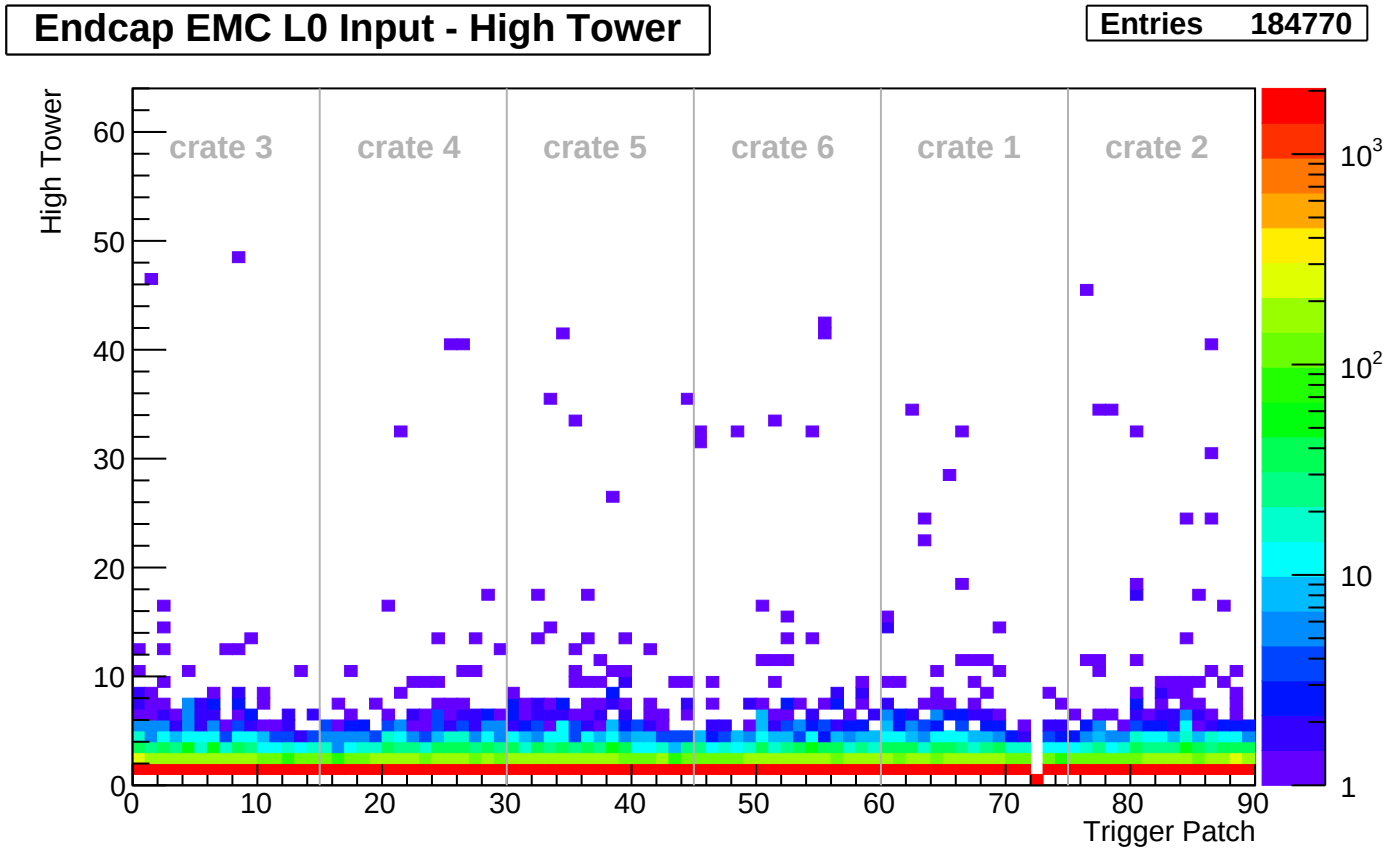
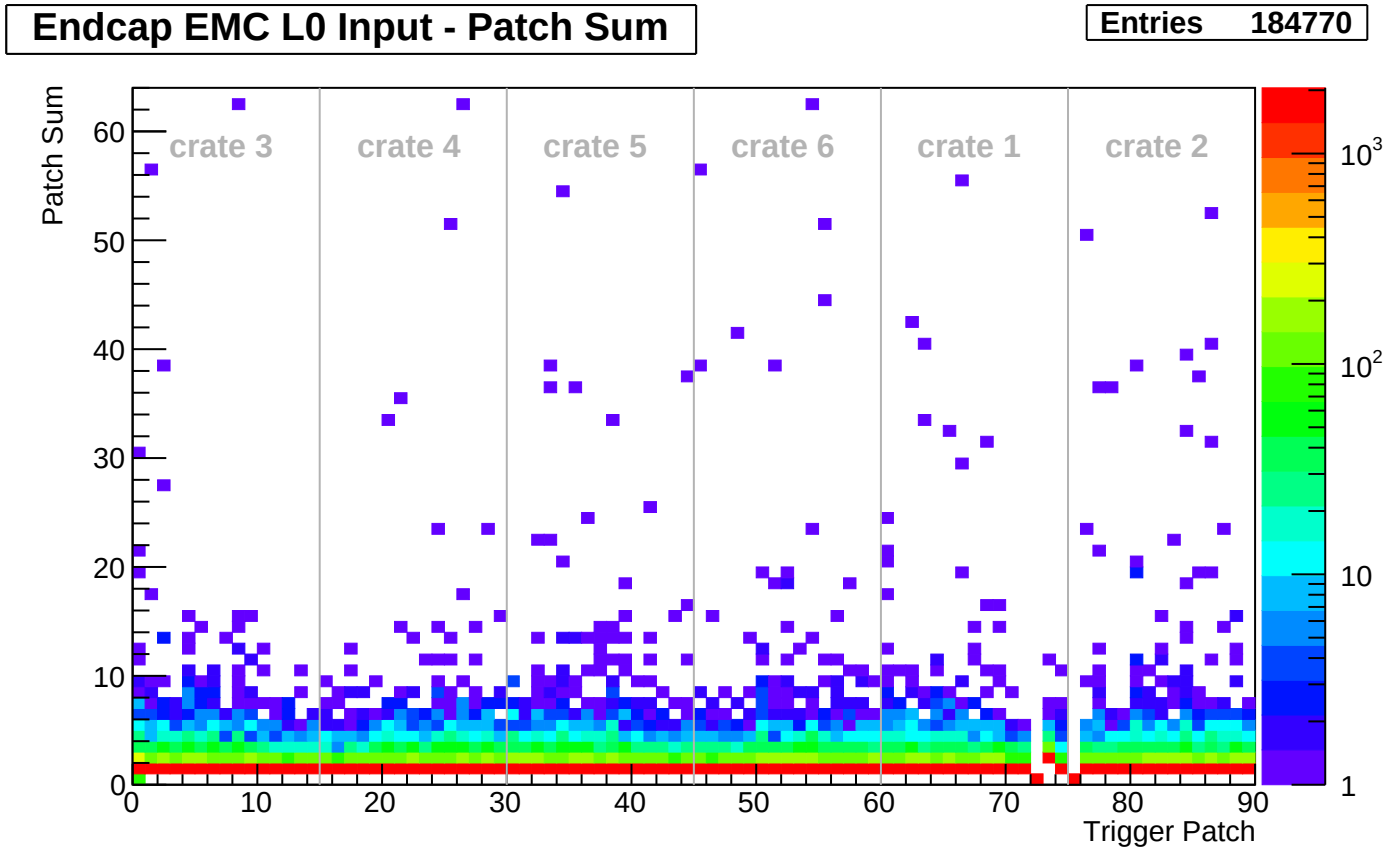
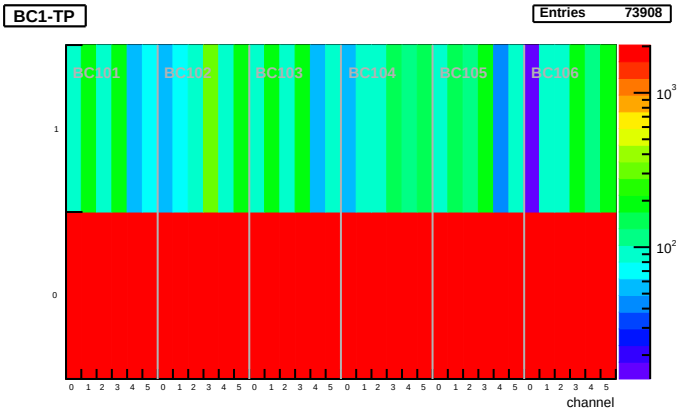
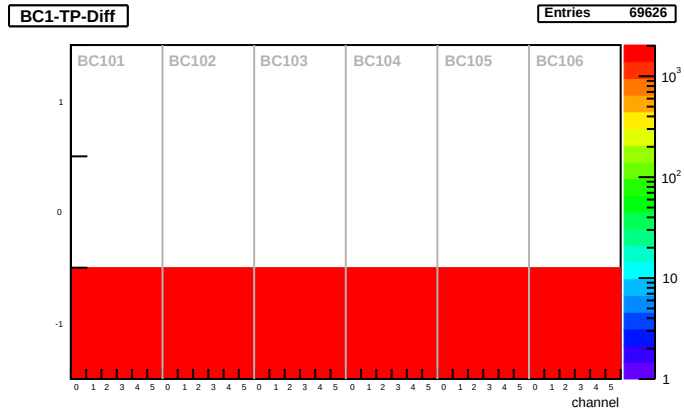

Barrel EMC L0 Input - High Tower
Entries 615900
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3

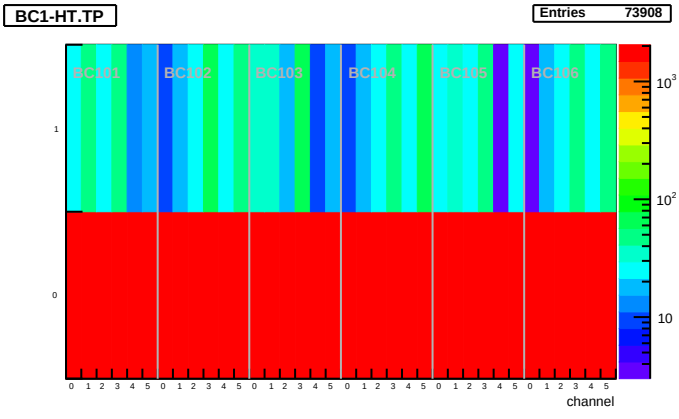

Barrel EMC L0 Input - Patch Sum
Entries 615900
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3

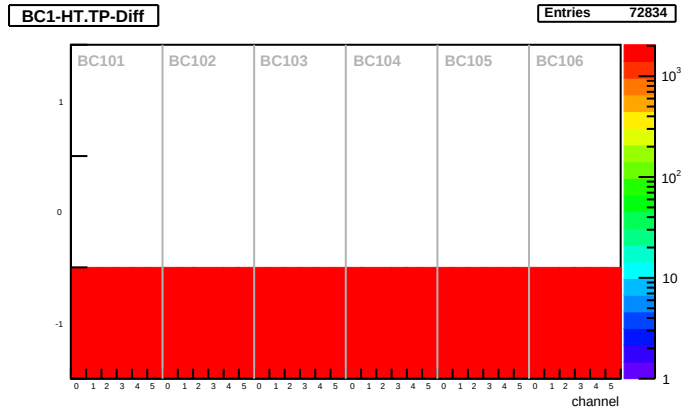

Endcap EMC L0 Input - High Tower
Entries 184770
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

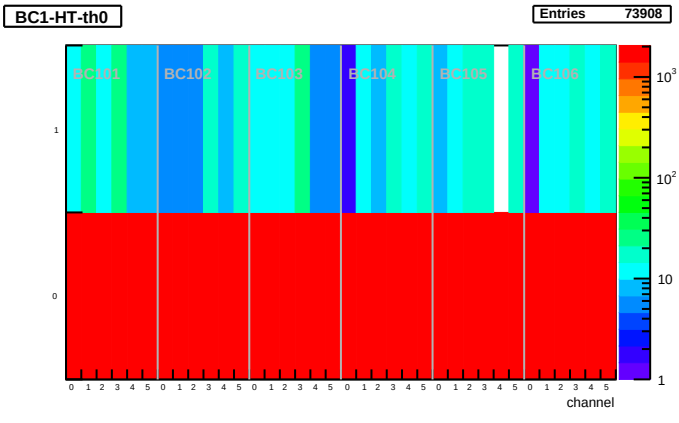

Endcap EMC L0 Input - Patch Sum
Entries 184770
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

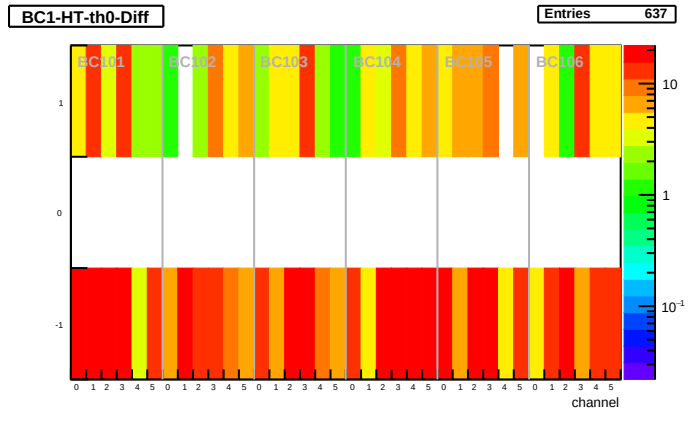

BC1-TP
Entries 73908
BC101
BC102
BC103
BC104
BC105
BC106
channel

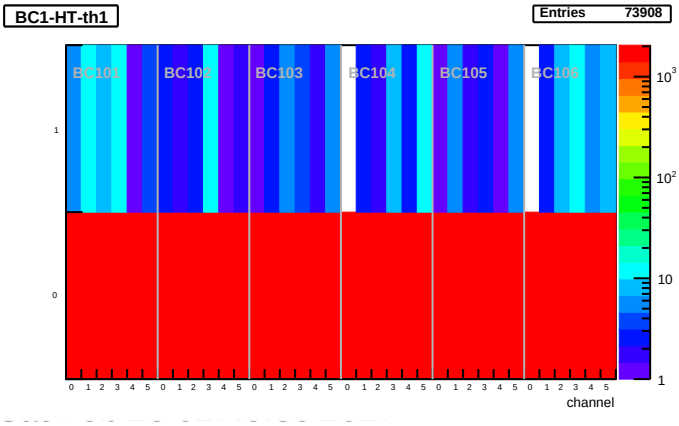

BC1-TP-Diff
Entries 69626
BC101
BC102
BC103
BC104
BC105
BC106
channel

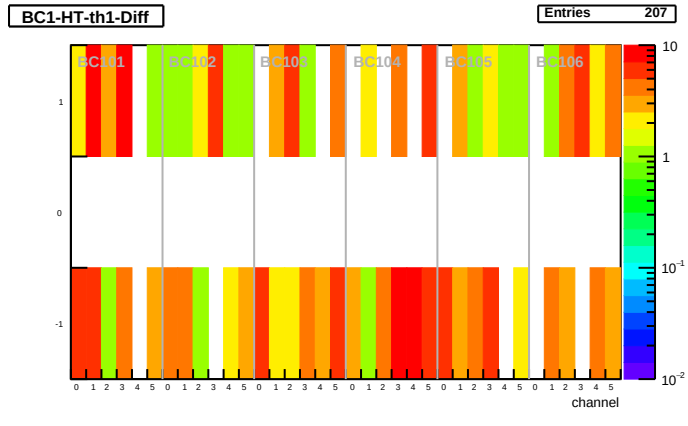

BC1-HT.TP
Entries 73908
BC101
BC102
BC103
BC104
BC105
BC106
channel

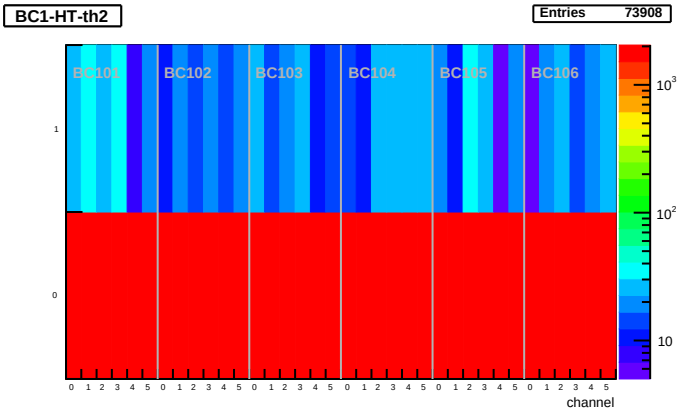

BC1-HT.TP-Diff
Entries 72834
BC101
BC102
BC103
BC104
BC105
BC106
channel

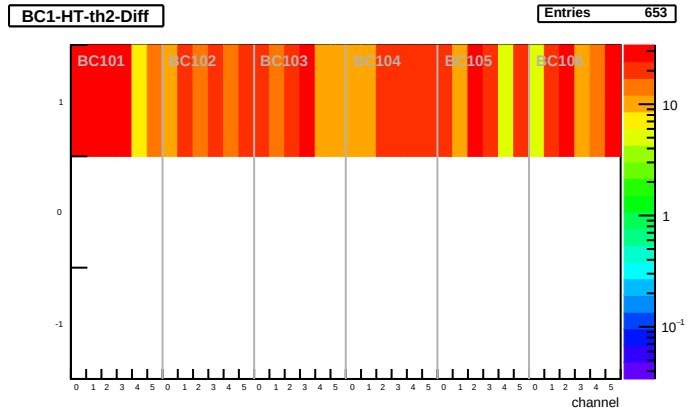

BC1-HT-th0
Entries 73908
BC101
BC102
BC103
BC104
BC105
BC106
channel

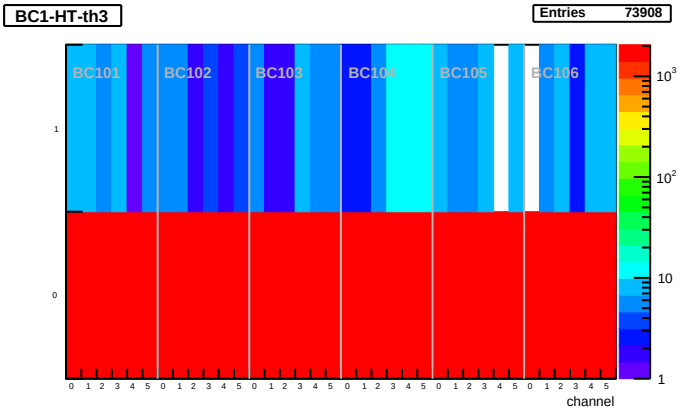

BC1-HT-th0-Diff
Entries 637
BC101
BC102
BC103
BC104
BC105
BC106
channel

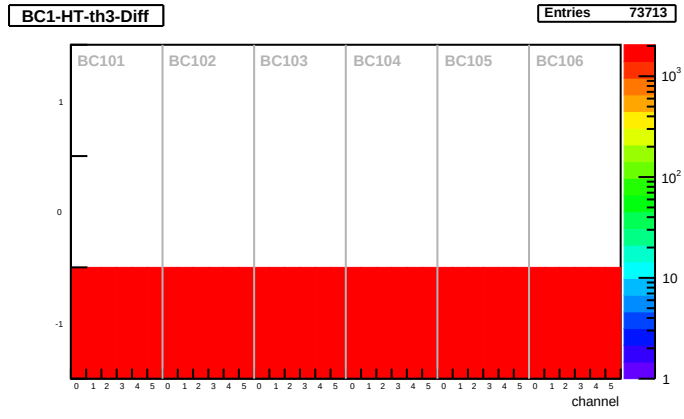

BC1-HT-th1
Entries 73908
BC101
BC102
BC103
BC104
BC105
BC106
channel

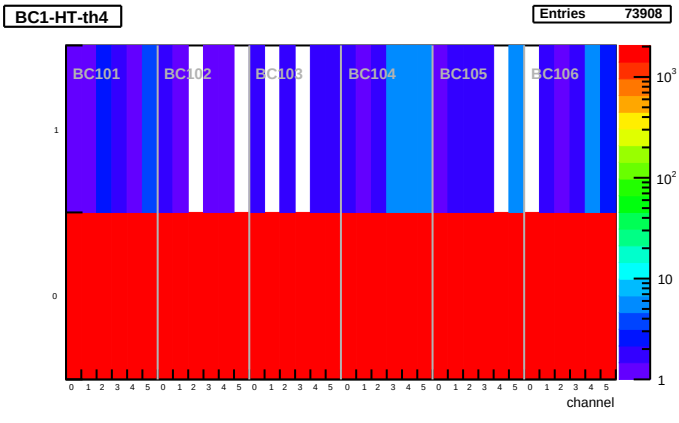

BC1-HT-th1-Diff
Entries 207
BC101
BC102
BC103
BC104
BC105
BC106
channel

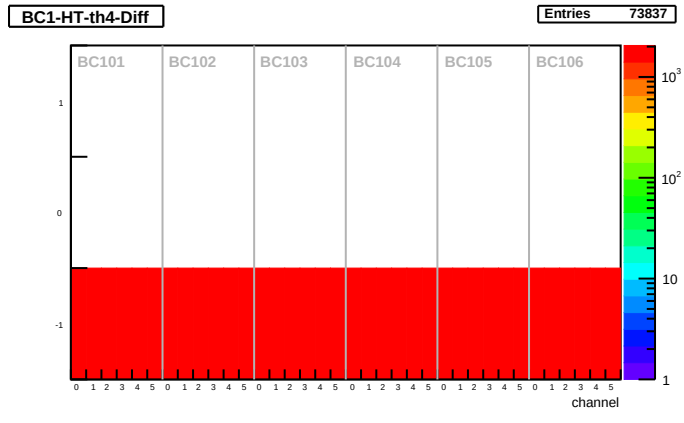

BC1-HT-th2
Entries 73908
BC101
BC102
BC103
BC104
BC105
BC106
channel

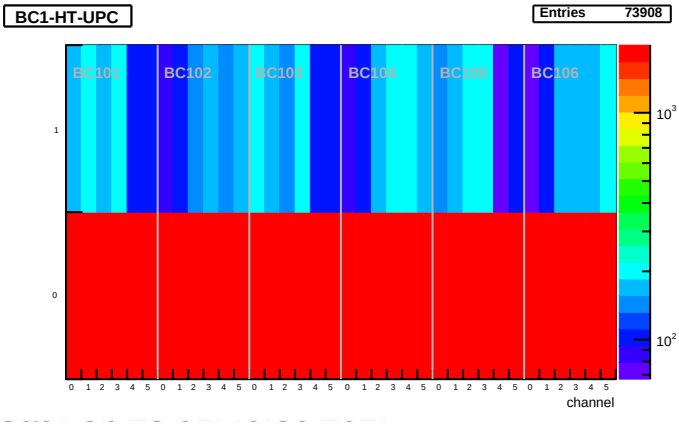

BC1-HT-th2-Diff
Entries 653
BC101
BC102
BC103
BC104
BC105
BC106
channel

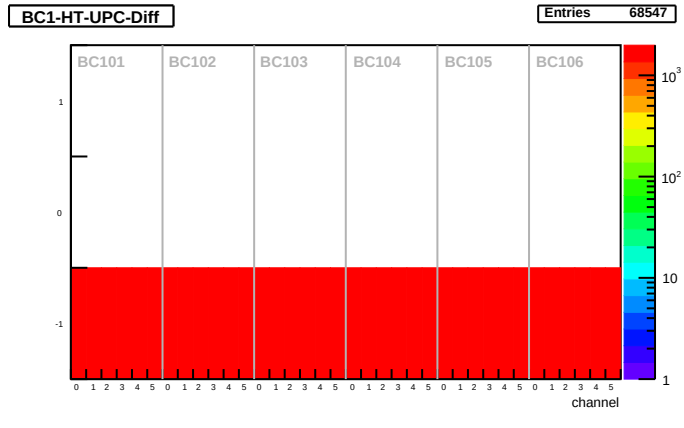

BC1-HT-th3
Entries 73908
BC101
BC102
BC103
BC104
BC105
BC106
channel

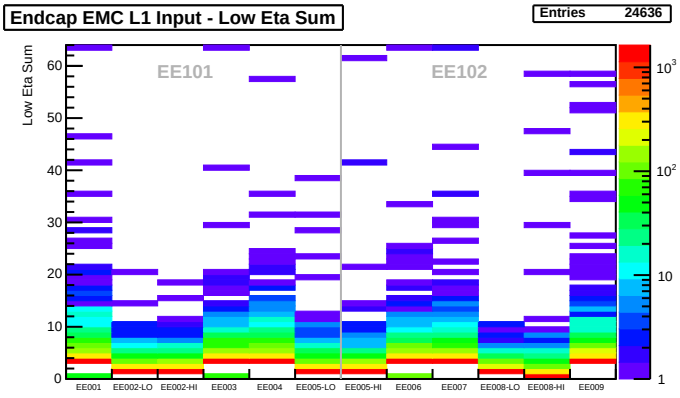

BC1-HT-th3-Diff
Entries 73713
BC101
BC102
BC103
BC104
BC105
BC106
channel

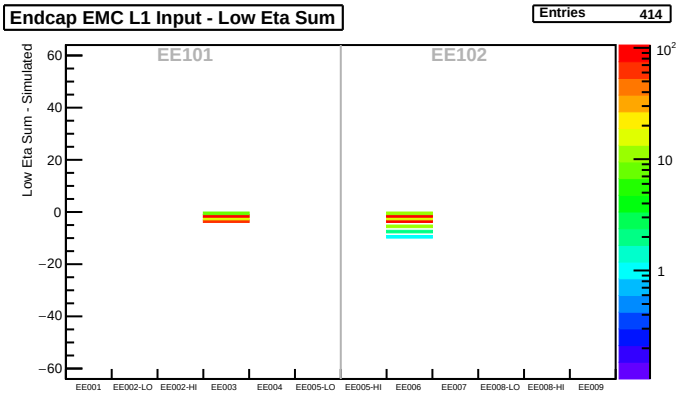

BC1-HT-th4
Entries 73908
BC101
BC102
BC103
BC104
BC105
BC106
channel

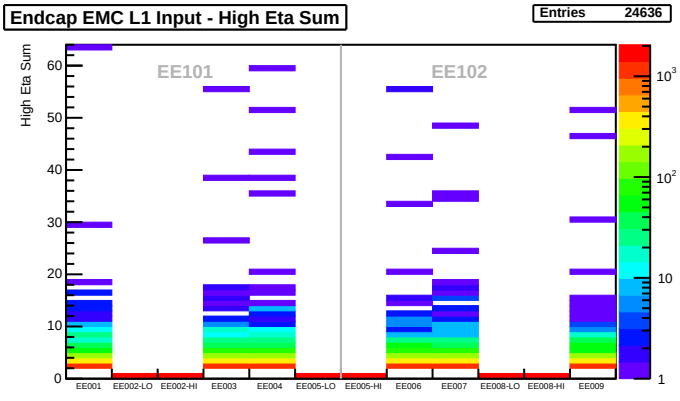

BC1-HT-th4-Diff
Entries 73837
BC101
BC102
BC103
BC104
BC105
BC106
channel

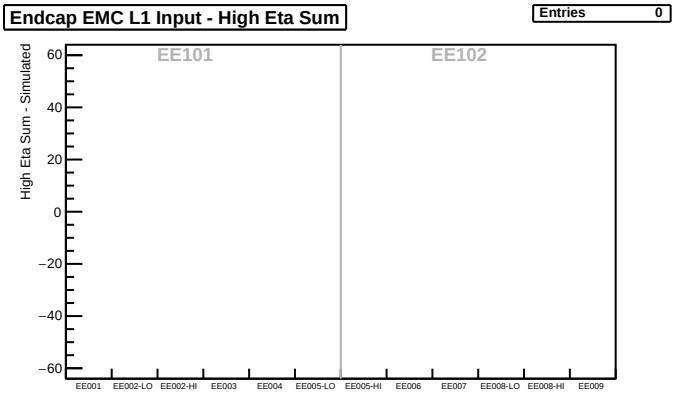

BC1-HT-UPC
Entries 73908
BC101
BC102
BC103
BC104
BC105
BC106
channel

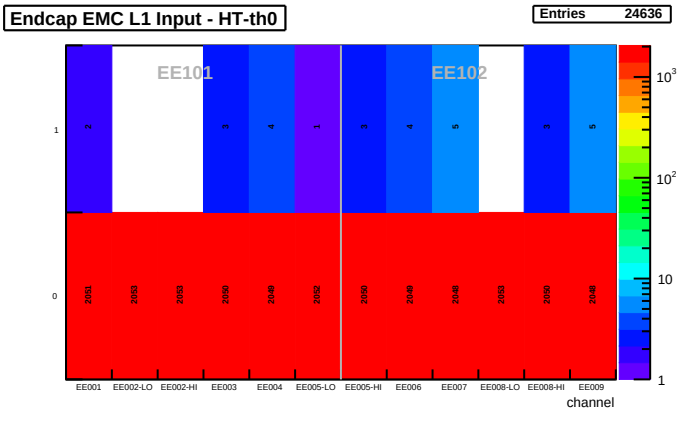

BC1-HT-UPC-Diff
Entries 68547
BC101
BC102
BC103
BC104
BC105
BC106
channel

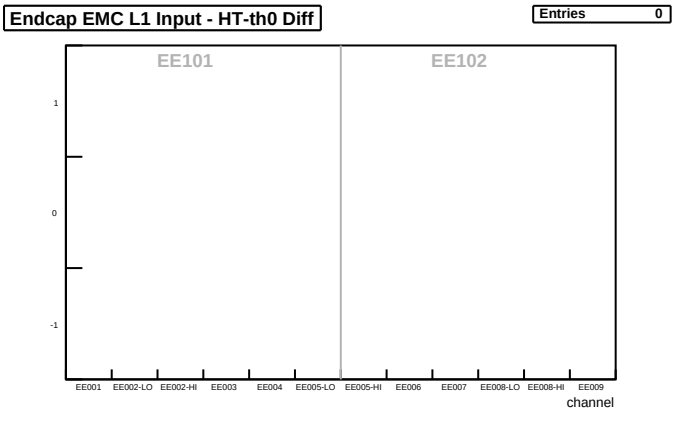

Endcap EMC L1 Input - Low Eta Sum
Entries 24636
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

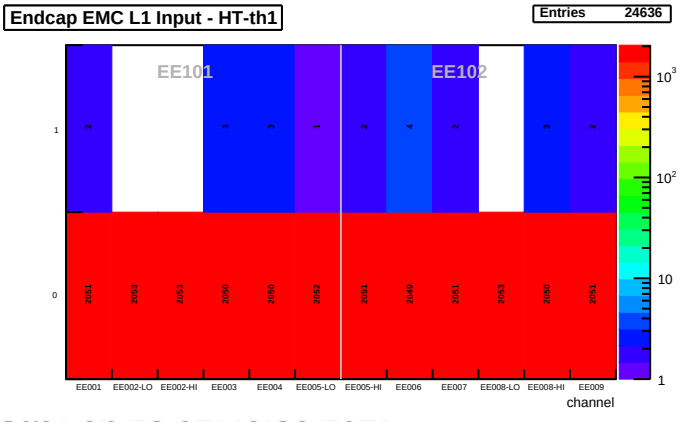

Endcap EMC L1 Input - Low Eta Sum
Entries 414
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

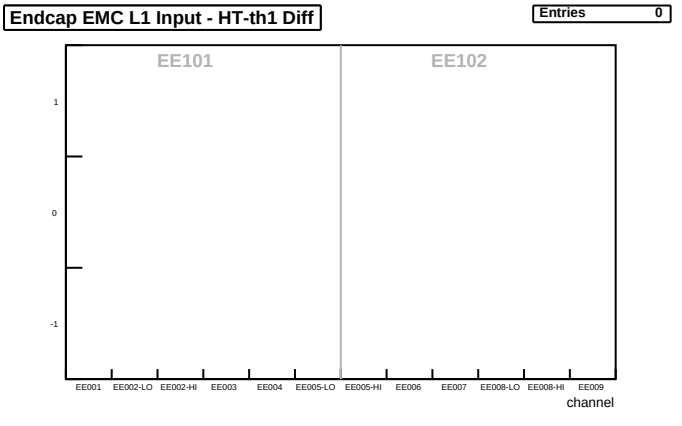

Endcap EMC L1 Input - High Eta Sum
Entries 24636
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

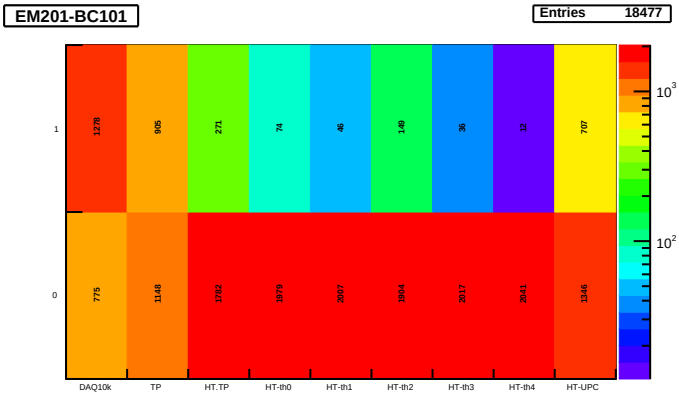

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

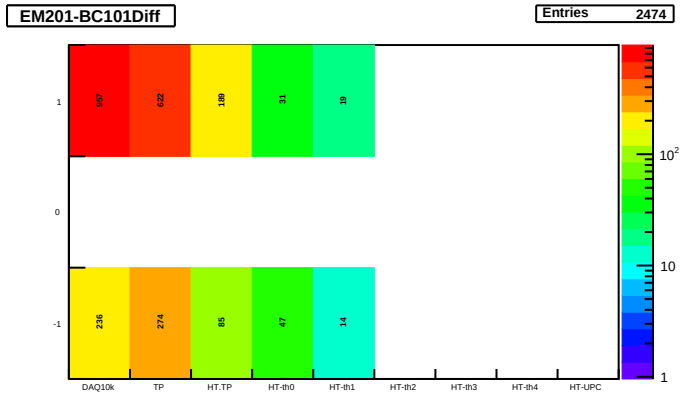

Endcap EMC L1 Input - HT-th0
Entries 24636
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

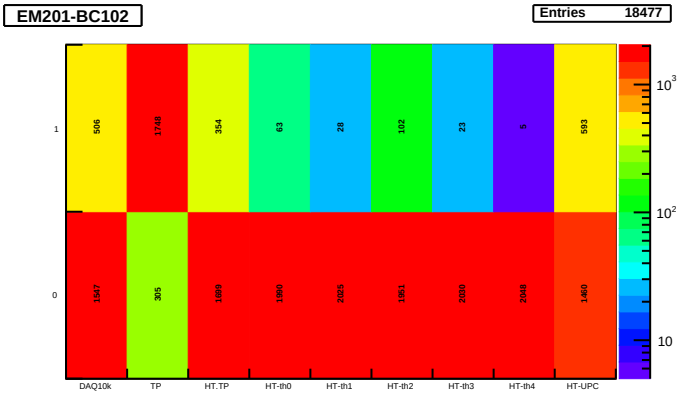

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

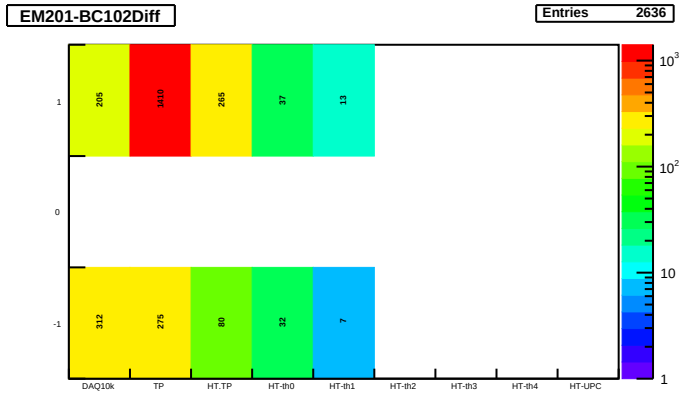

Endcap EMC L1 Input - HT-th1
Entries 24636
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

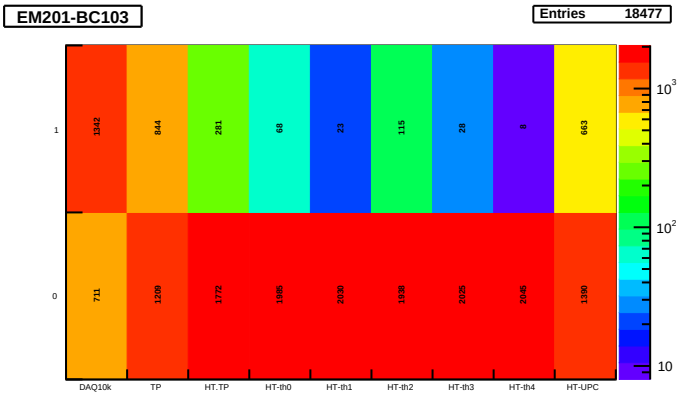

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

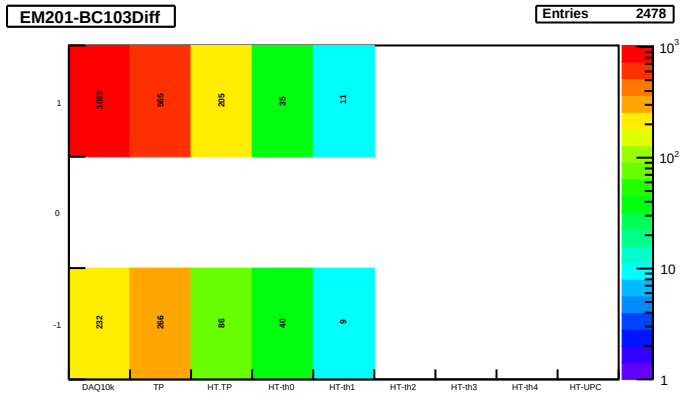

EM201-BC101
Entries 18477
1 1278 905 271 74 46 149 36 12 707
0 775 1148 1782 1979 2007 1904 2017 2041 1346
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2

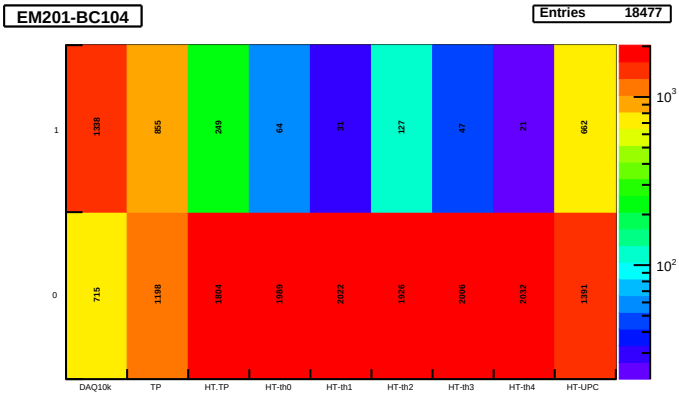

EM201-BC101Diff
Entries 2474
1 957 622 180 31 19
0
-1 236 274 85 47 14
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1

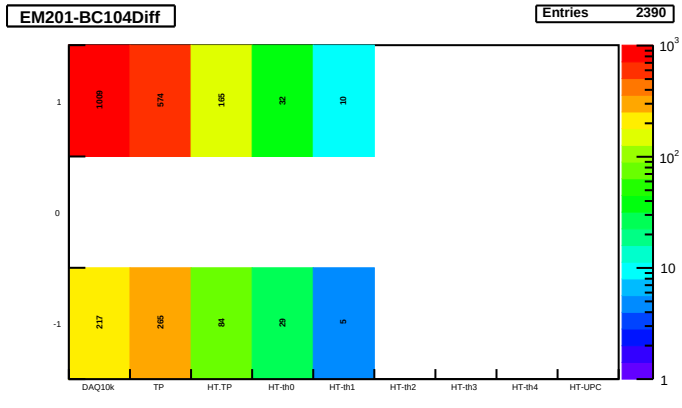

EM201-BC102
Entries 18477
1 506 1748 354 63 28 102 23 5 593
0 1547 305 1899 1990 2025 1951 2030 2048 1460
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2
10


EM201-BC102Diff
Entries 2636
1 205 1410 265 37 13
0
-1 312 275 80 32 7
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2
10
1

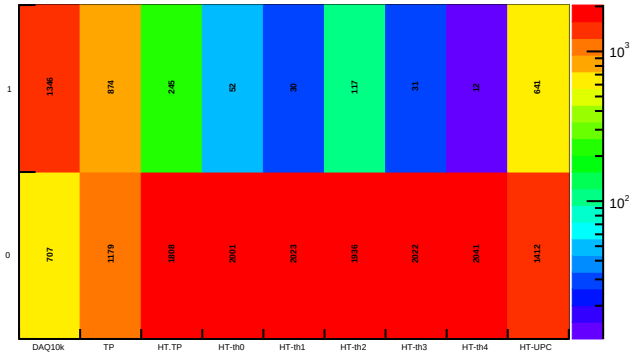

EM201-BC103
Entries 18477
1 1342 844 261 68 23 115 28 8 663
0 711 1209 1772 1985 2030 1938 2025 2045 1390
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2
10


EM201-BC103Diff
Entries 2478
1 1029 565 205 35 11
0
-1 232 266 86 40 9
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2
10
1

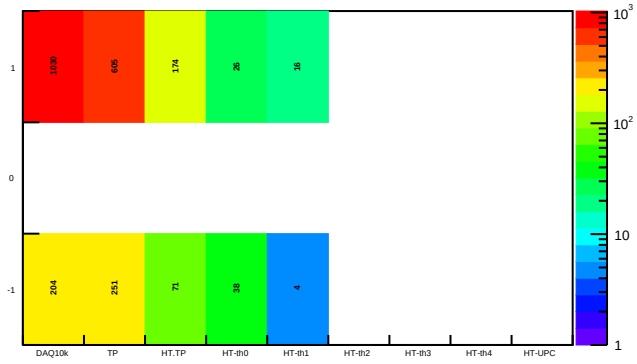

EM201-BC104
Entries 18477
1 1338 855 249 64 31 127 47 21 662
0 715 1198 1804 1989 2022 1926 2006 2032 1391
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2


EM201-BC104Diff
Entries 2390
1 1009 574 165 32 10
0
-1 217 265 84 29 5
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2
10
1

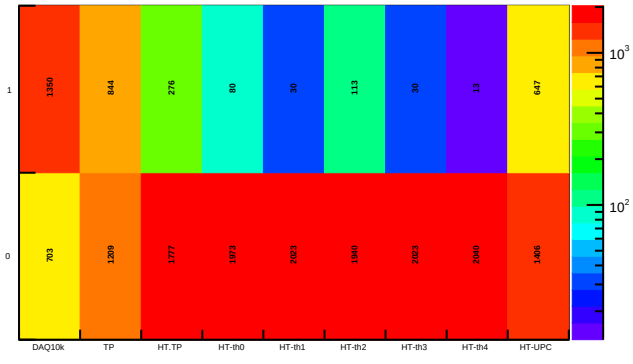
EM201-BC105 Entries 18477



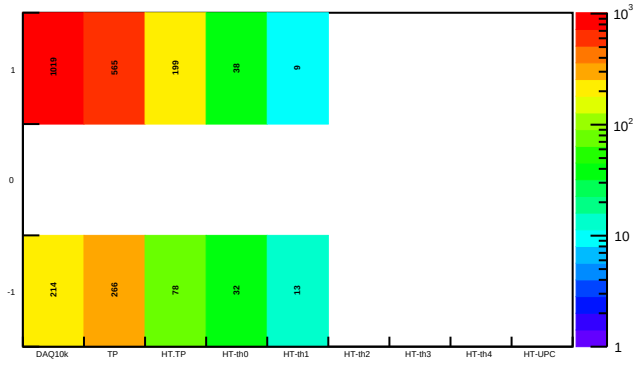
EM201-BC105Diff Entries 2419



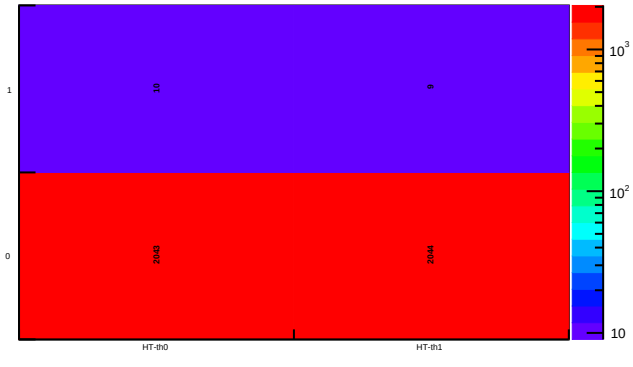
EM201-BC106 Entries 18477



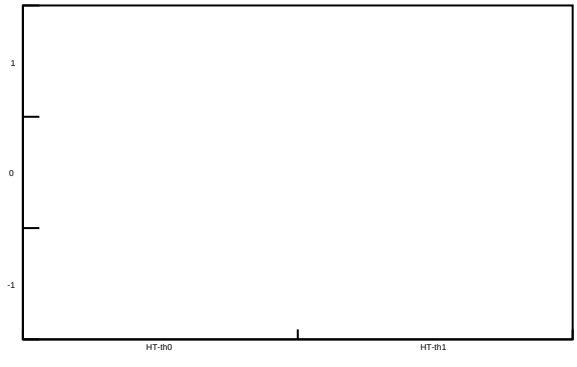
EM201-BC106Diff Entries 2433



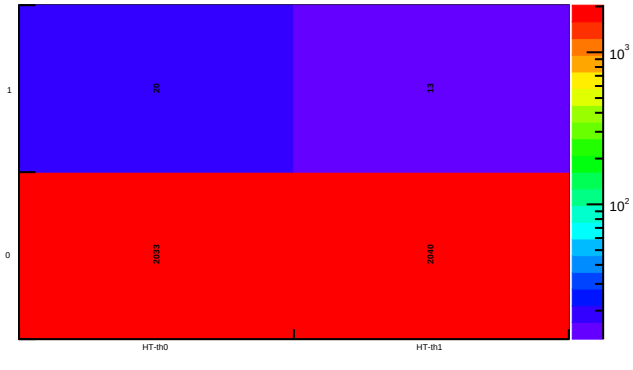
EM201-EE101 Entries 4106



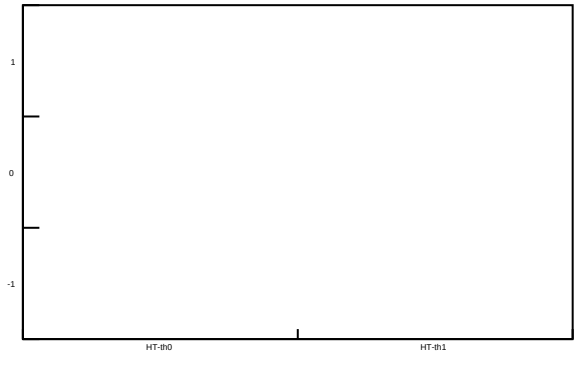
EM201-EE101Diff Entries 0

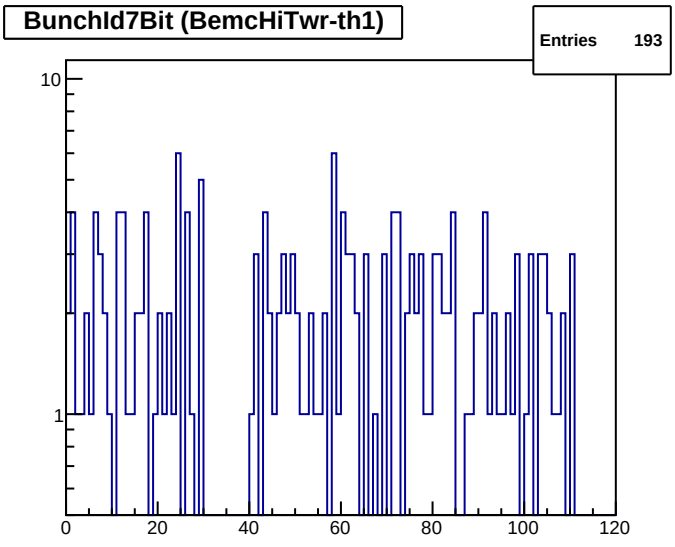


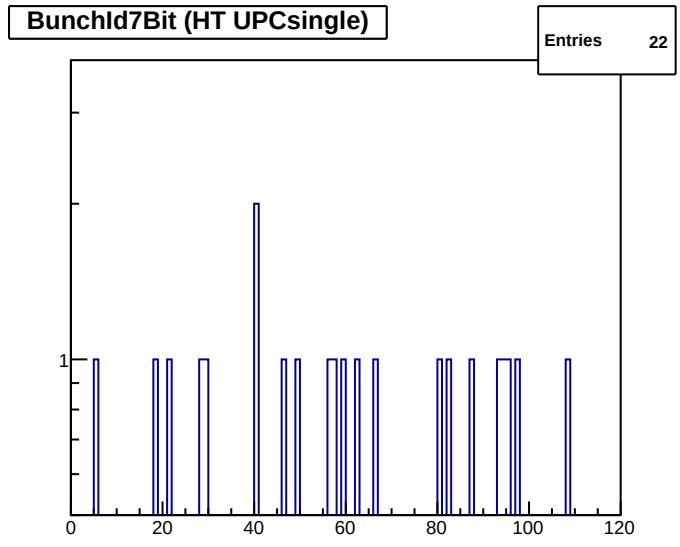
EM201-EE102 Entries 4106

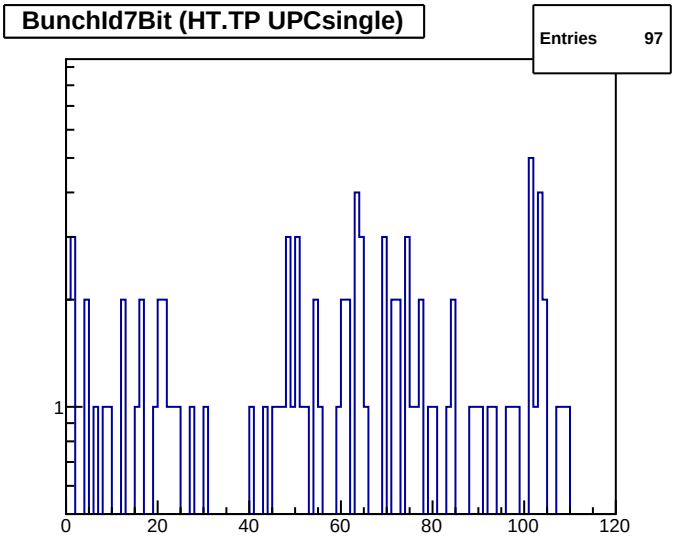


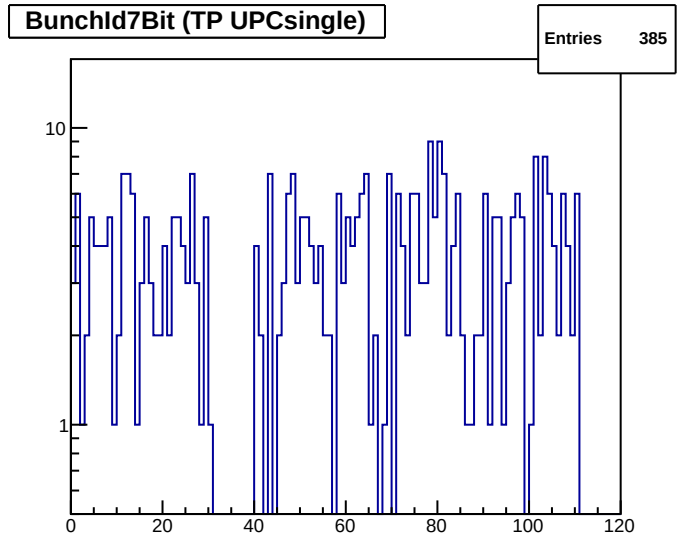
EM201-EE102Diff Entries 0

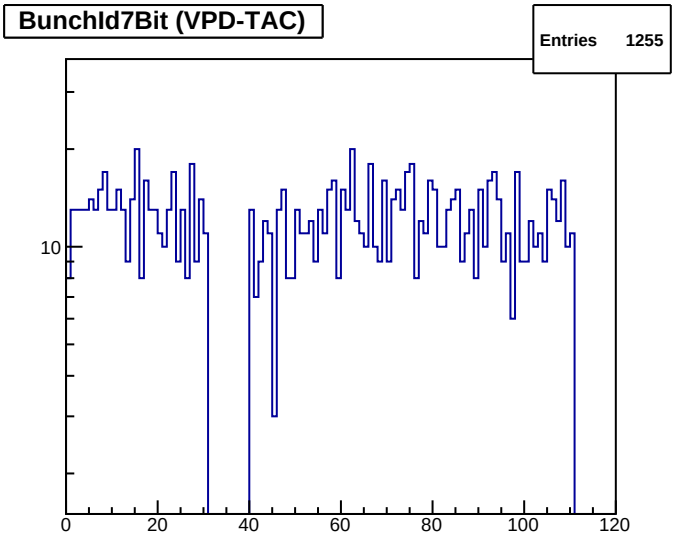


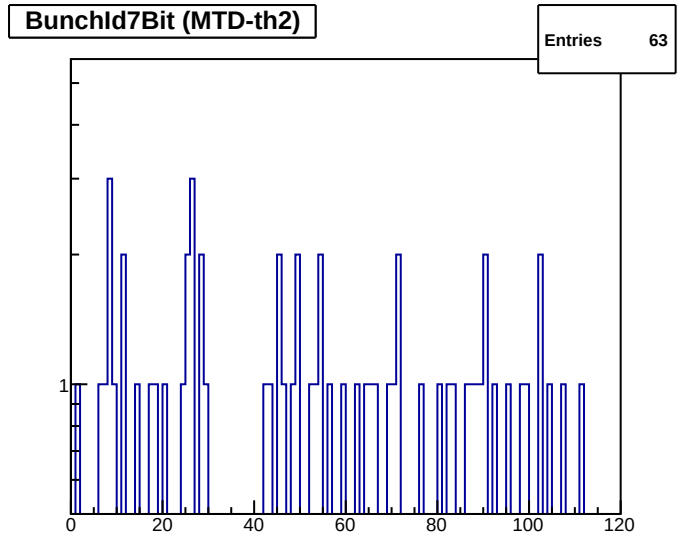

BunchId7Bit (BemcHiTwr-th1)
Entries 193
10
1
0
20
40
60
80
100
120

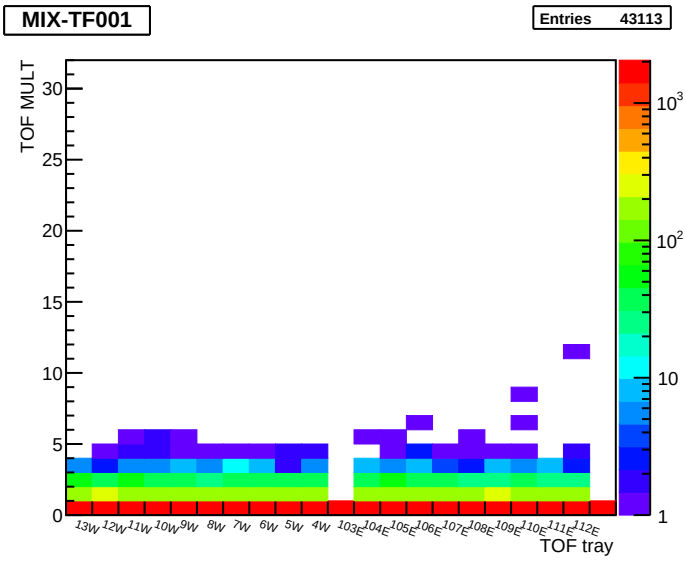

BunchId7Bit (HT UPCsingle)
Entries 22
1
0
20
40
60
80
100
120

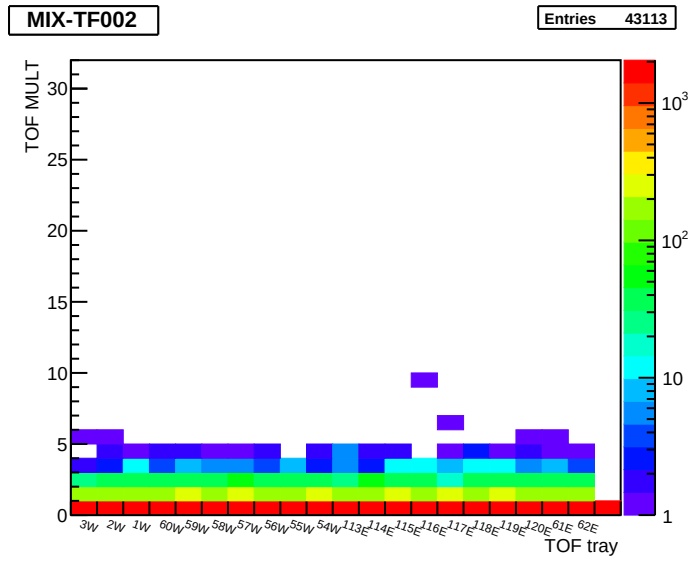

BunchId7Bit (HT.TP UPCsingle)
Entries 97
1
0
20
40
60
80
100
120

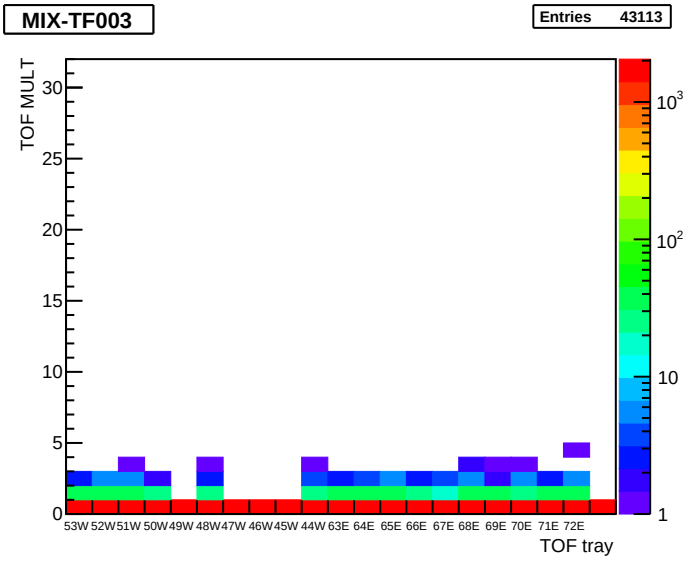

BunchId7Bit (TP UPCsingle)
Entries 385
10
1
0
20
40
60
80
100
120

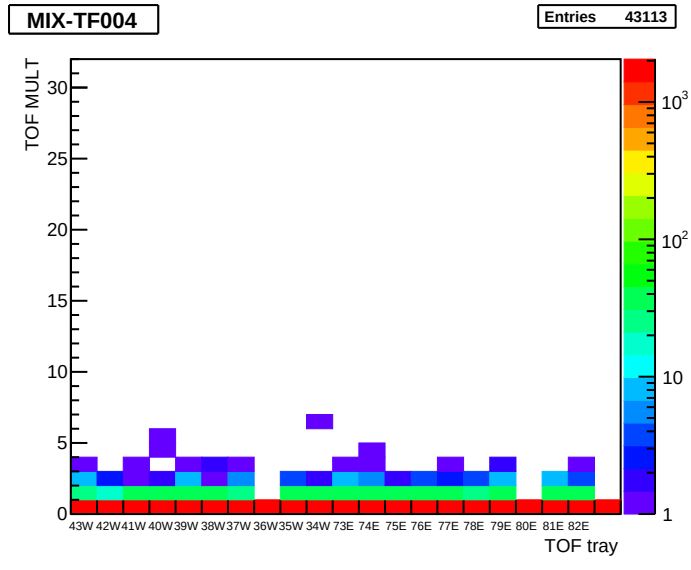

BunchId7Bit (VPD-TAC)
Entries 1255
10
0
20
40
60
80
100
120

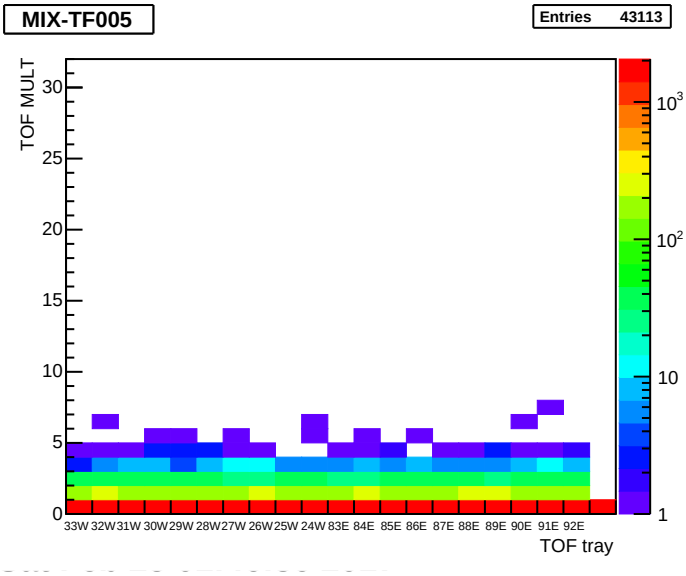

BunchId7Bit (MTD-th2)
Entries 63
1
0
20
40
60
80
100
120

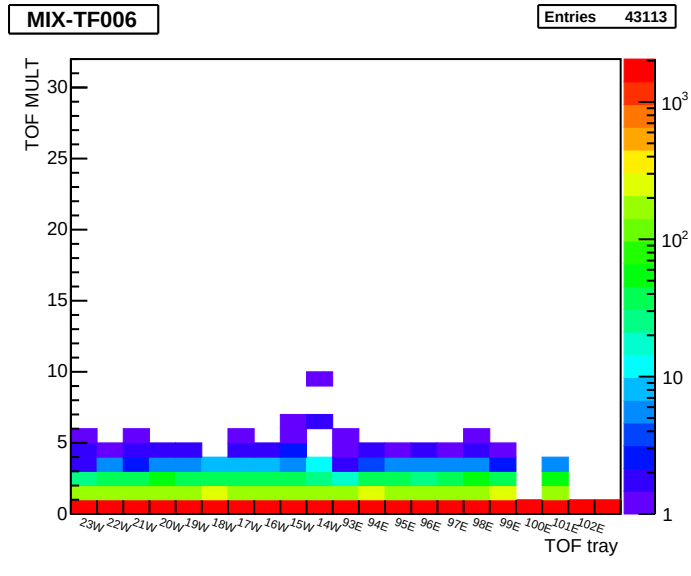

MIX-TF001
Entries 43113
TOF MULT
TOF tray

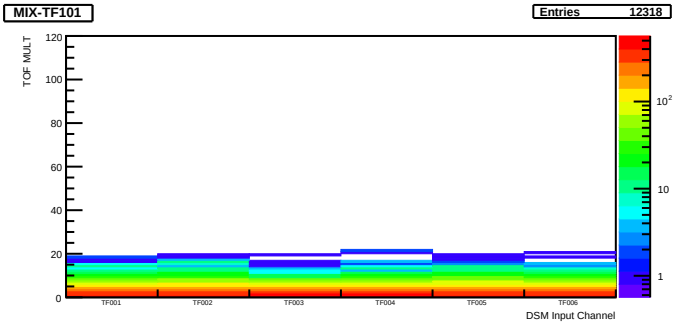

MIX-TF002
Entries 43113
TOF MULT
TOF tray

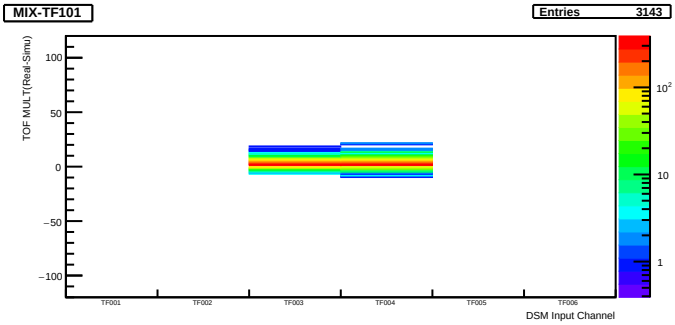

MIX-TF003
Entries 43113
TOF MULT
TOF tray

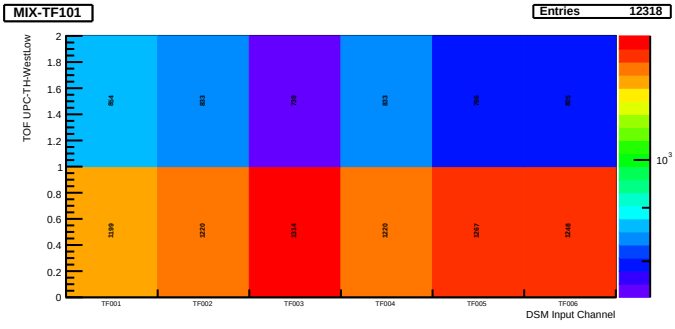

MIX-TF004
Entries 43113
TOF MULT
TOF tray

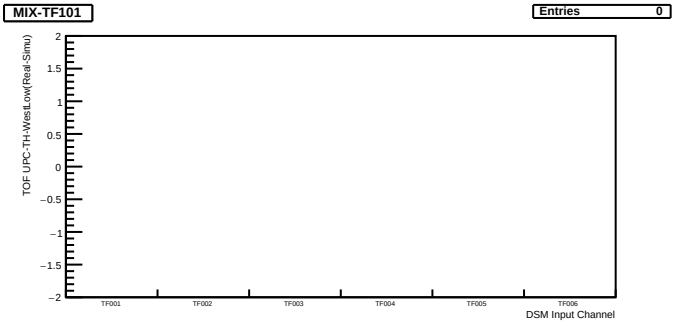

MIX-TF005
Entries 43113
TOF MULT
TOF tray

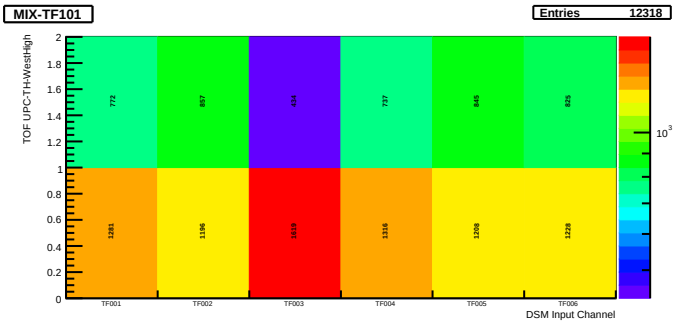

MIX-TF006
Entries 43113
TOF MULT
TOF tray

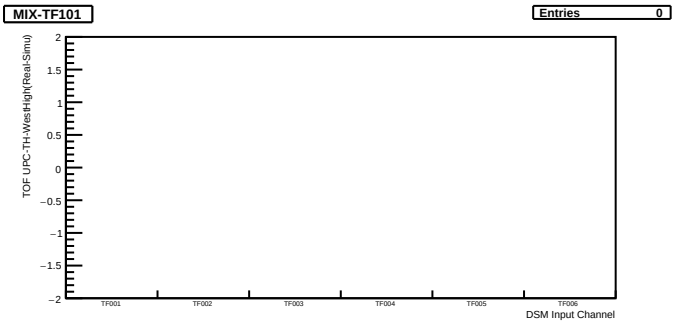

MIX-TF101
Entries 12318
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

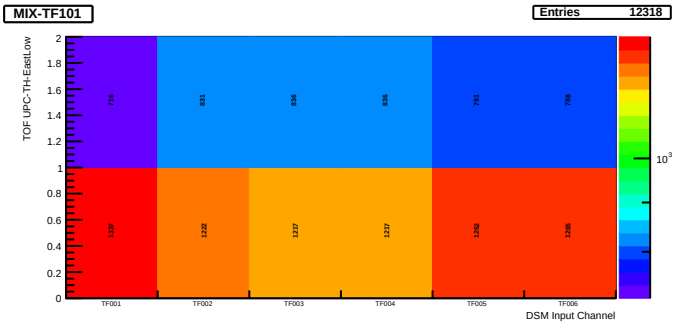

MIX-TF101
Entries 3143
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

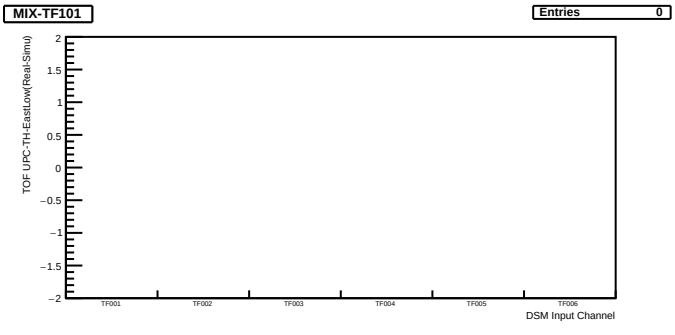

MIX-TF101
Entries 12318
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

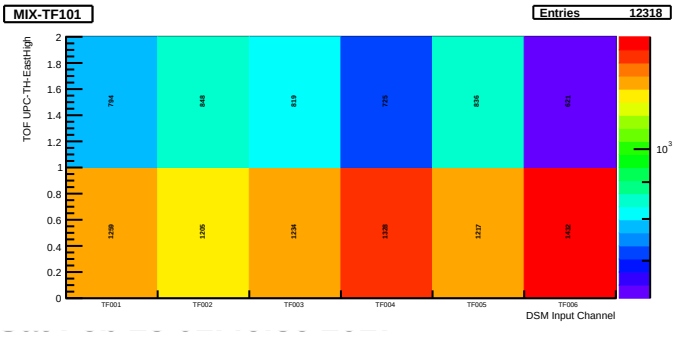

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

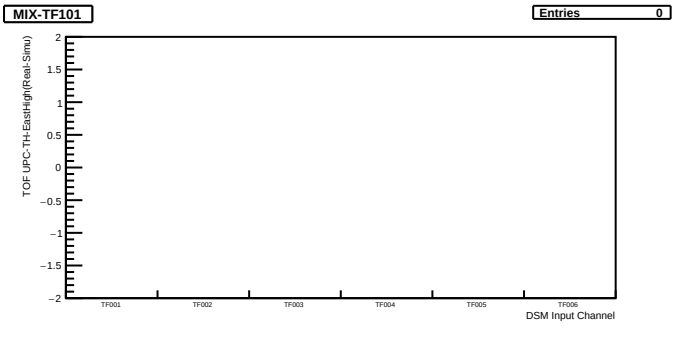

MIX-TF101
Entries 12318
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

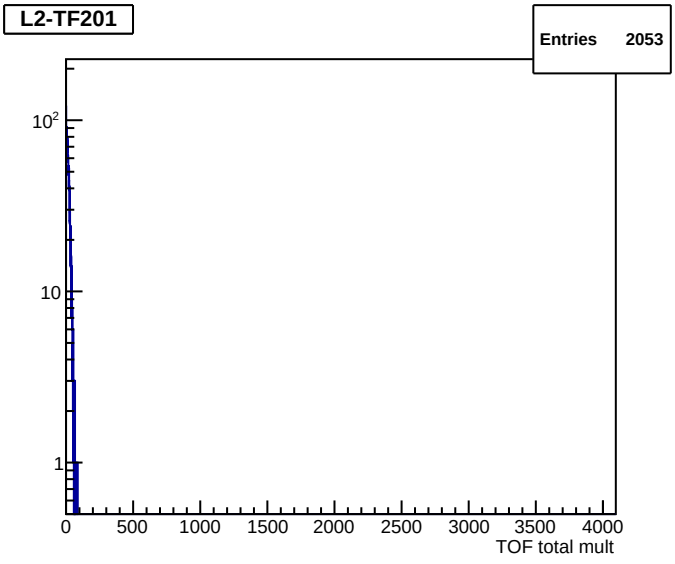

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

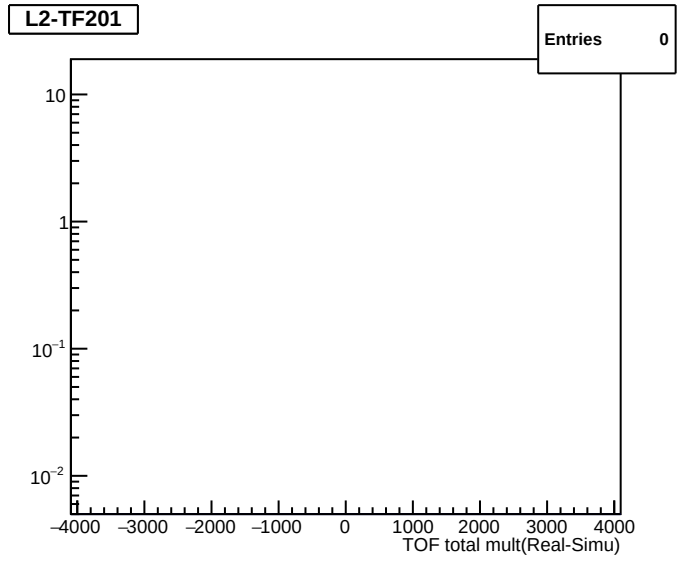

MIX-TF101
Entries 12318
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

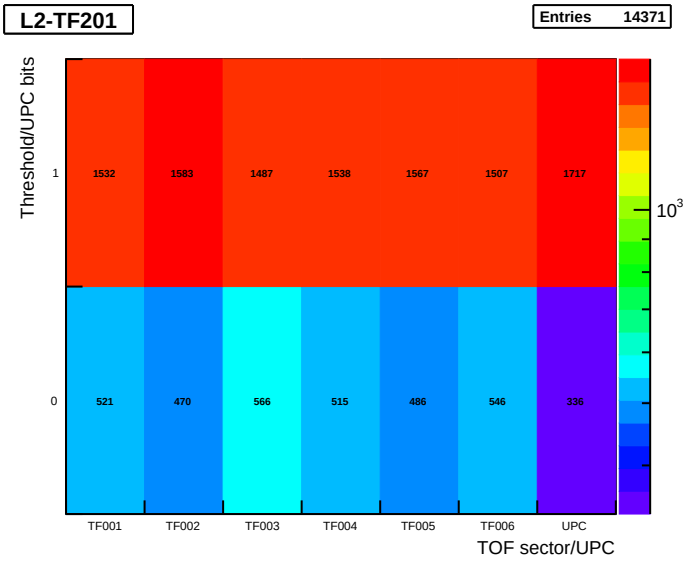

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

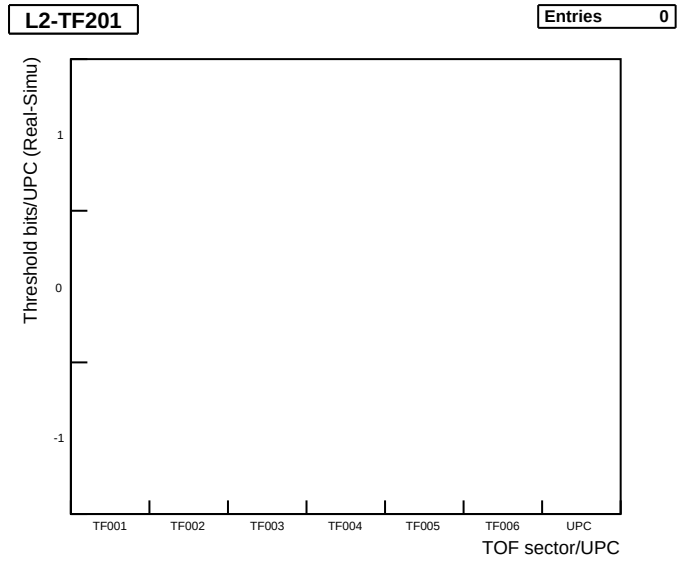

MIX-TF101
Entries 12318
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

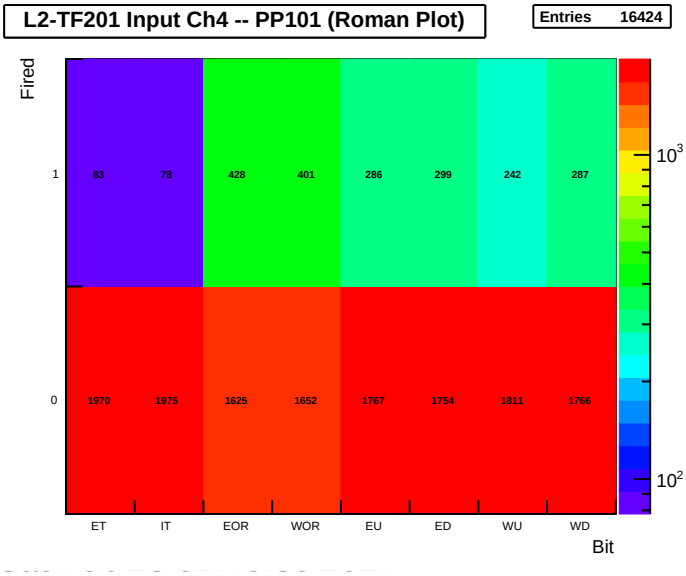

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

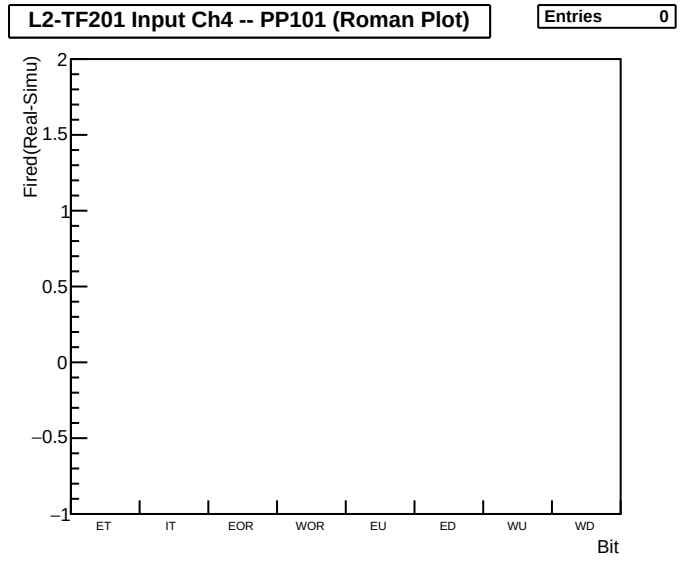

L2-TF201
Entries 2053
TOF total mult

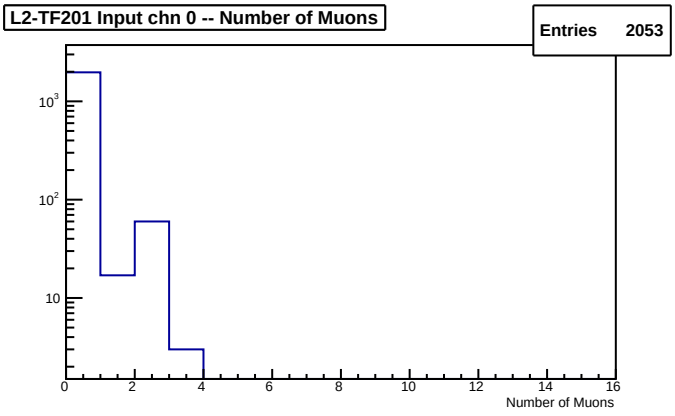

L2-TF201
Entries 0
TOF total mult(Real-Simu)

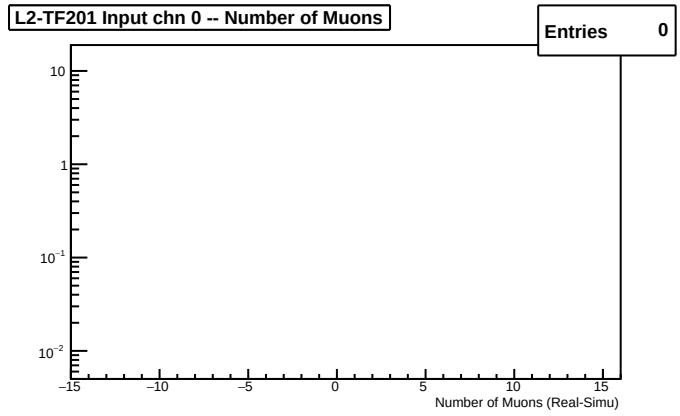

L2-TF201
Entries 14371
Threshold/UPC bits
1532 1583 1487 1538 1567 1507 1717
521 470 566 515 486 546 336
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

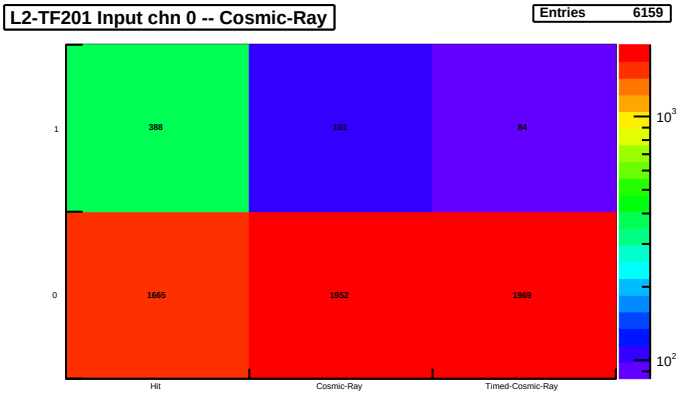

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

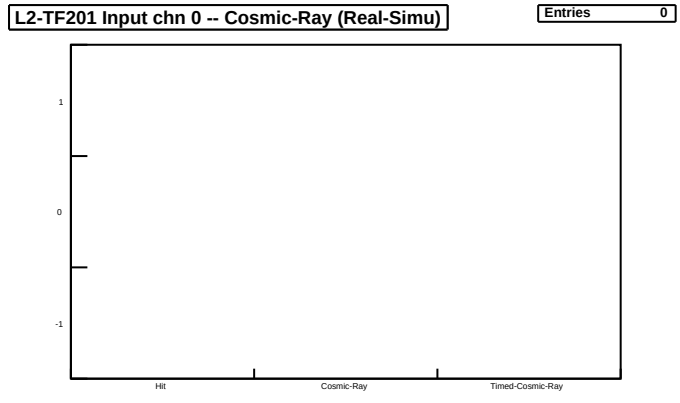

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 16424
Fired
83 78 428 401 286 299 242 287
1970 1975 1625 1652 1767 1754 1811 1766
ET IT EOR WOR EU ED WU WD
Bit

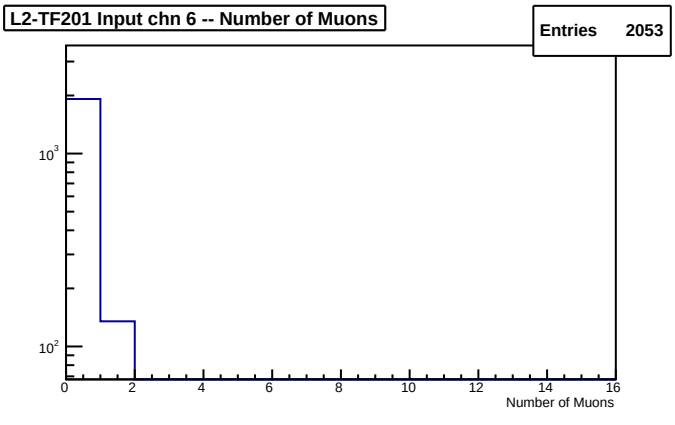

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

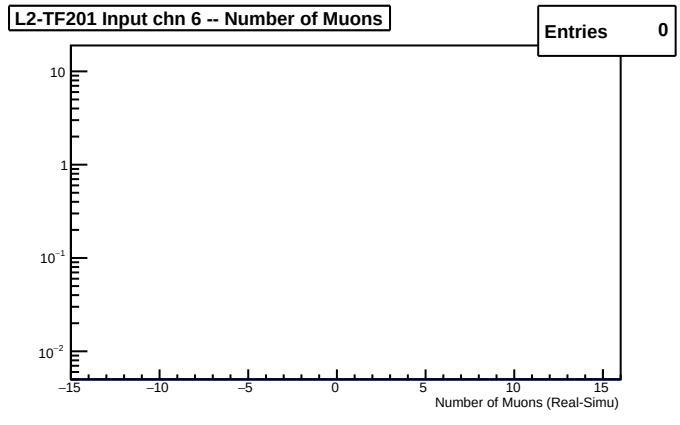

L2-TF201 Input chn 0 -- Number of Muons
Entries 2053
Number of Muons

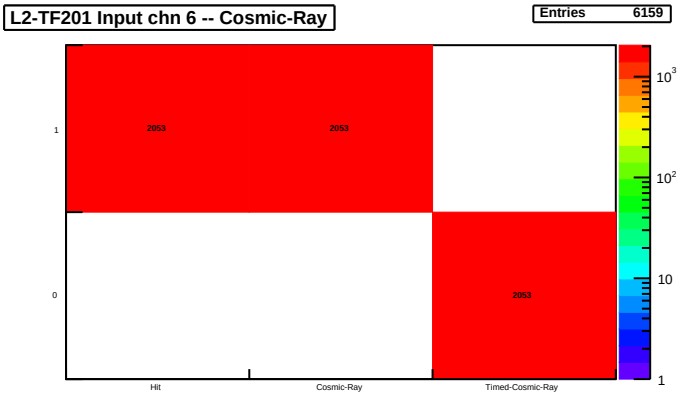

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

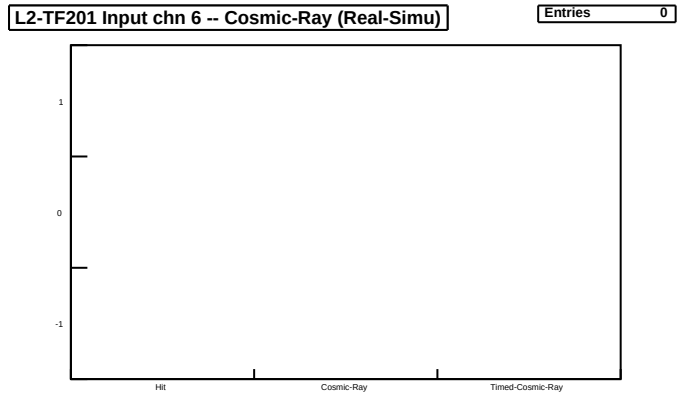

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 6159
388
101
84
1665
1952
1969
Hit
Cosmic-Ray
Timed-Cosmic-Ray

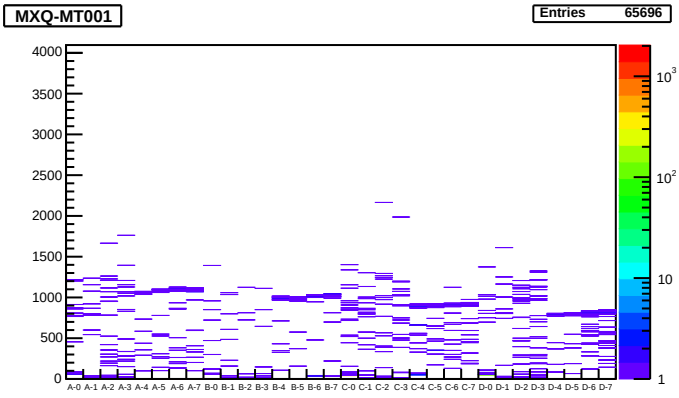

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

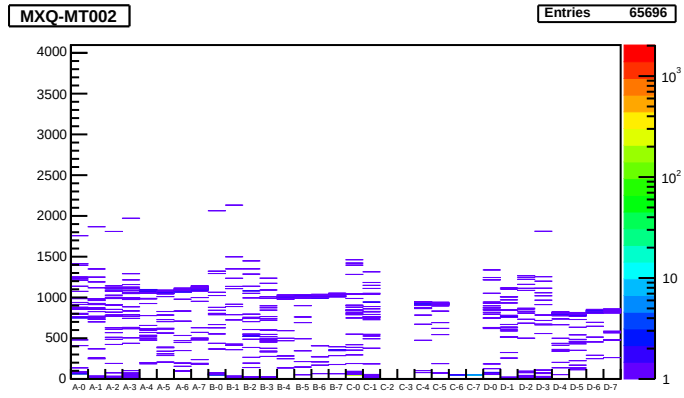

L2-TF201 Input chn 6 -- Number of Muons
Entries 2053
Number of Muons

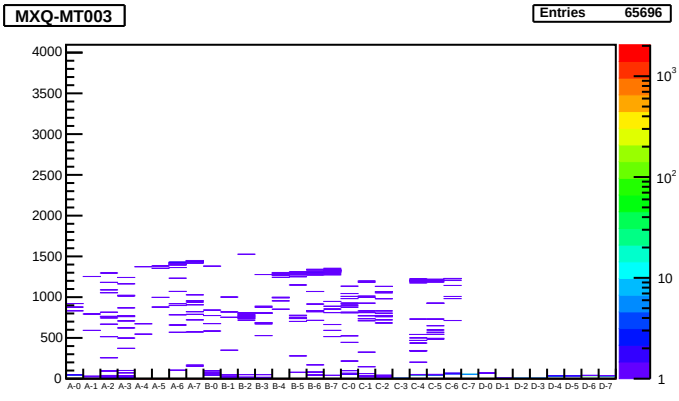

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

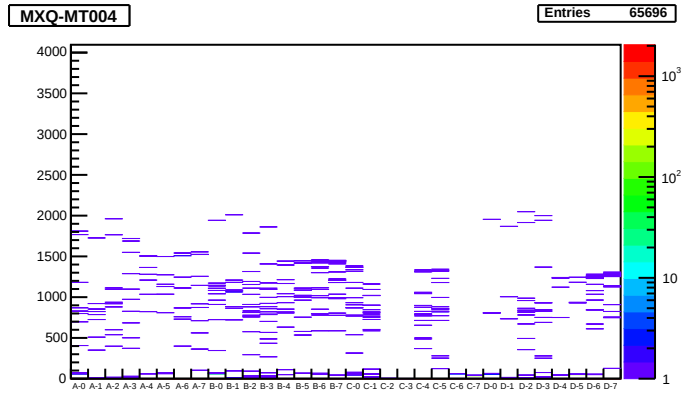

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 6159
2053
2053
2053
Hit
Cosmic-Ray
Timed-Cosmic-Ray

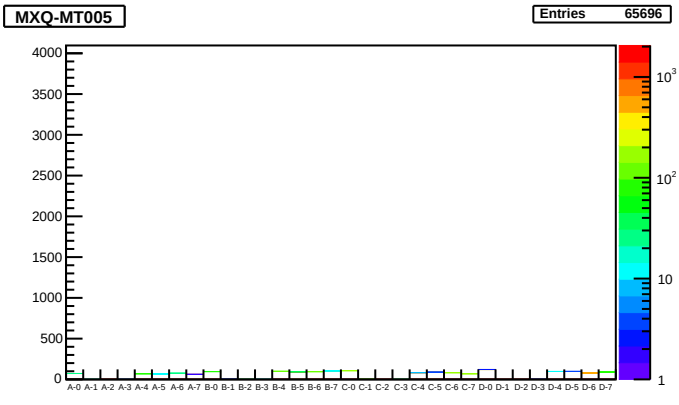

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

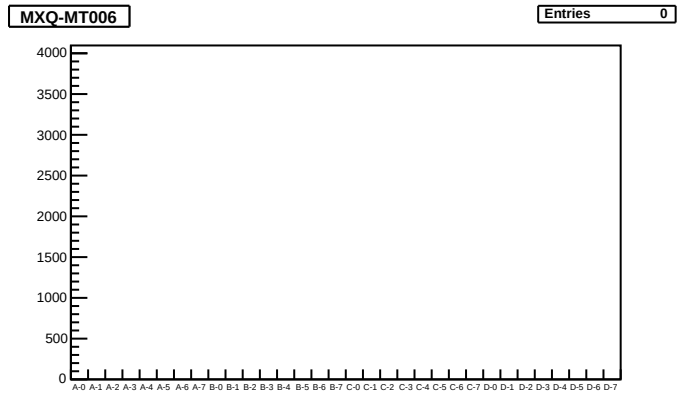

MXQ-MT001
Entries 65696

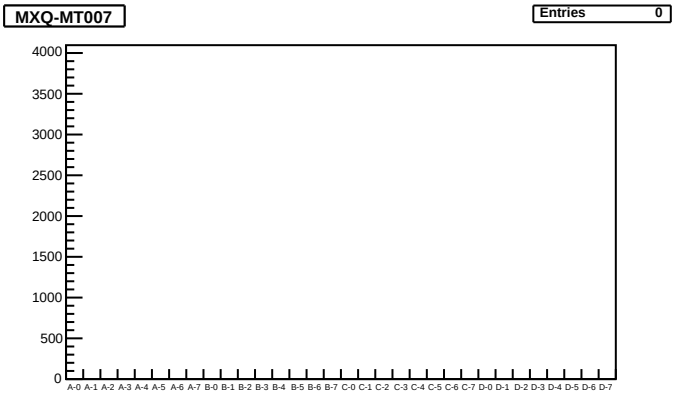

MXQ-MT002
Entries 65696

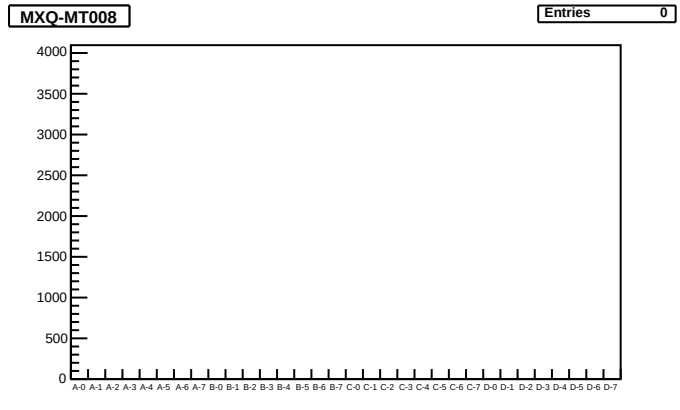

MXQ-MT003
Entries 65696

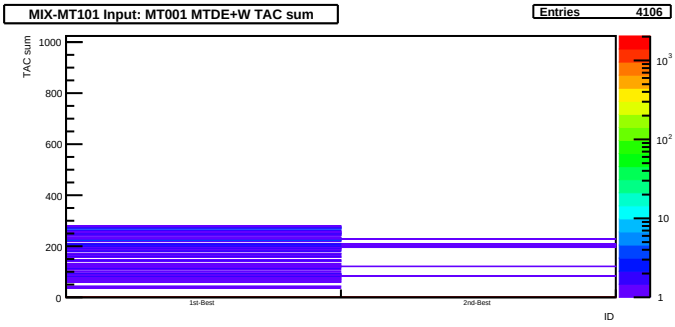

MXQ-MT004
Entries 65696

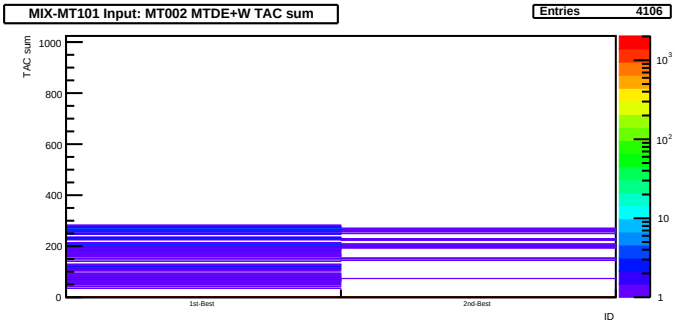

MXQ-MT005
Entries 65696

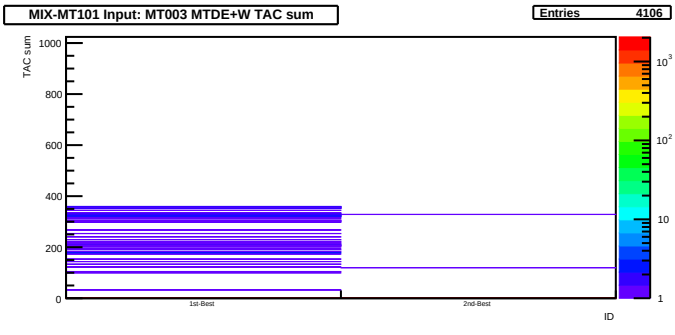

MXQ-MT006
Entries 0

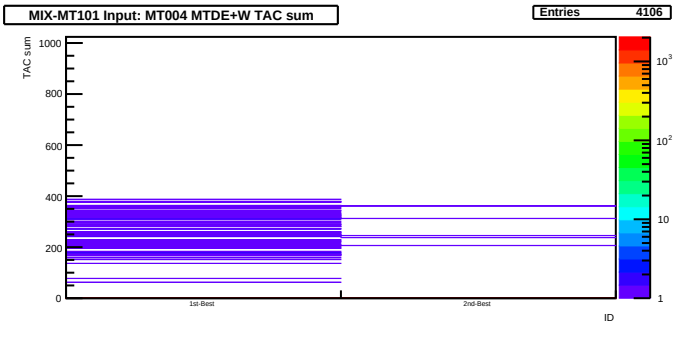

MXQ-MT007
Entries 0

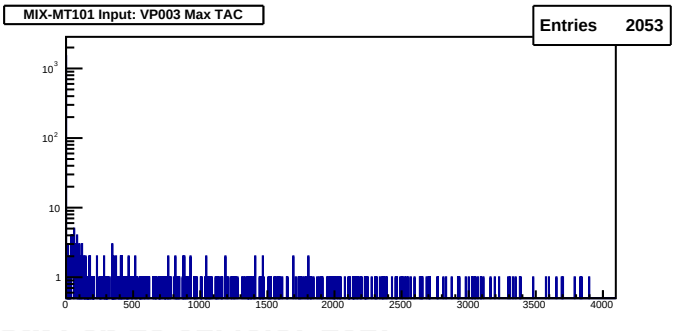

MXQ-MT008
Entries 0

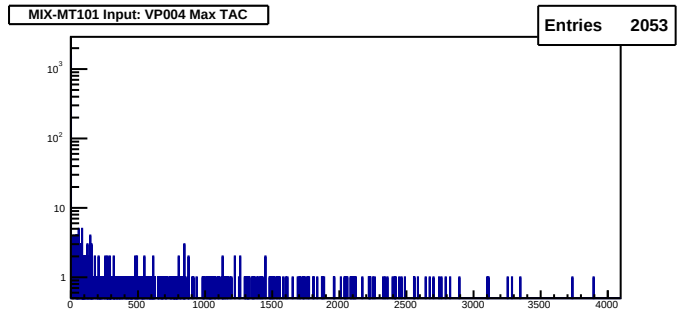

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 4106
TAC sum
1st-Best
2nd-Best
ID

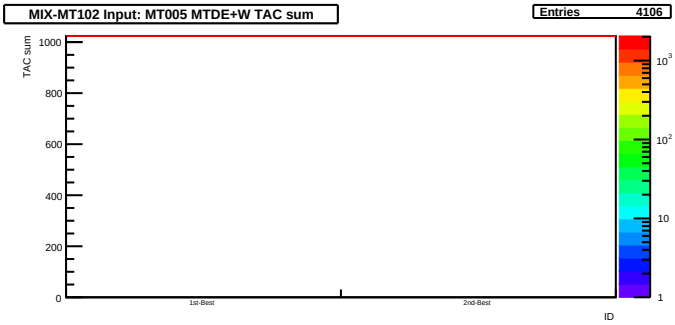

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 4106
TAC sum
1st-Best
2nd-Best
ID

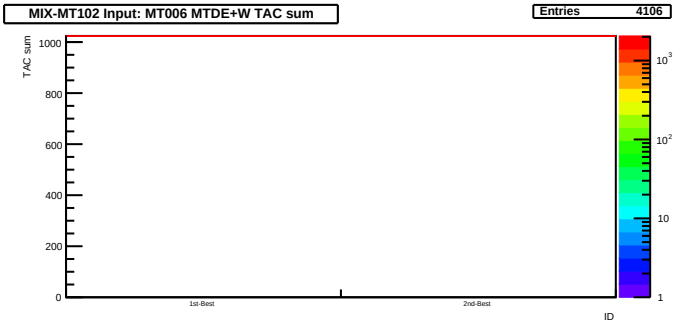

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 4106
TAC sum
1st-Best
2nd-Best
ID

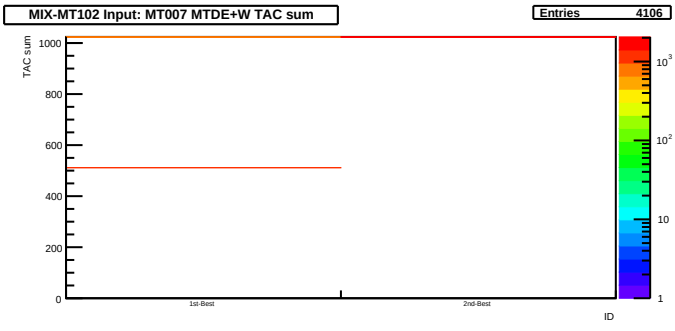

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 4106
TAC sum
1st-Best
2nd-Best
ID

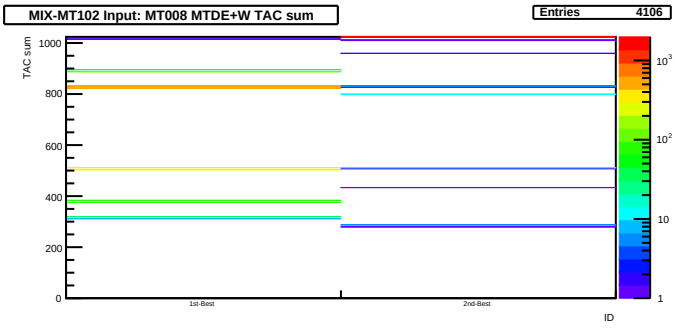

MIX-MT101 Input: VP003 Max TAC
Entries 2053

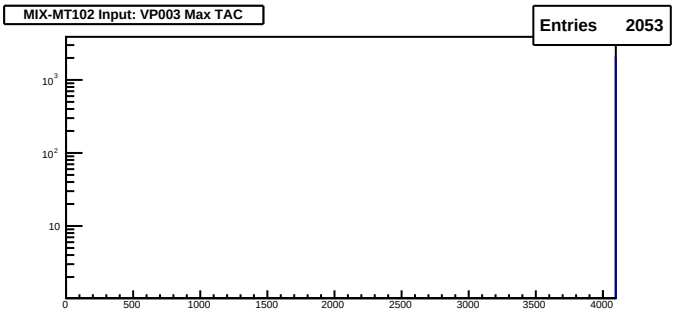

MIX-MT101 Input: VP004 Max TAC
Entries 2053

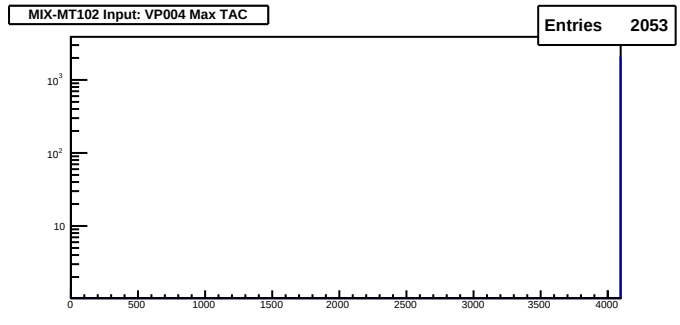

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 4106
TAC sum
1st-Best
2nd-Best
ID

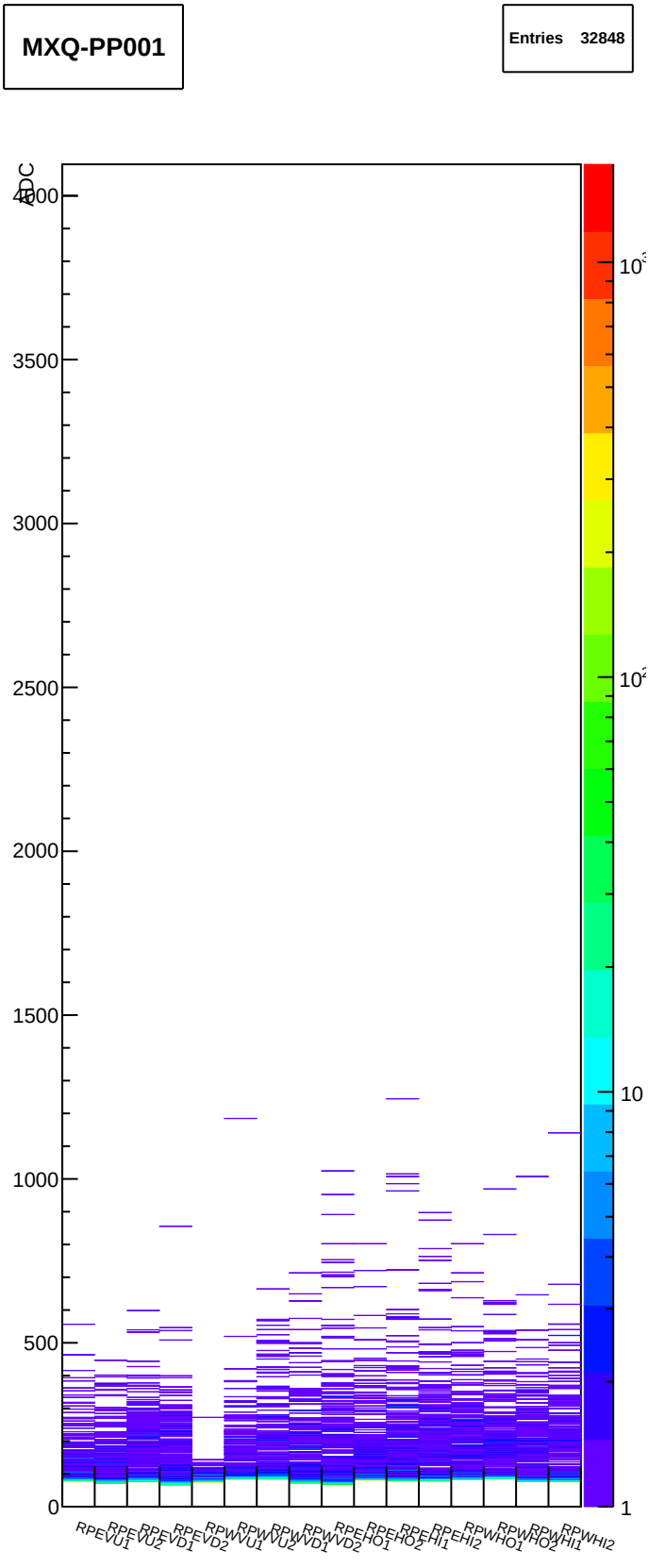

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 4106
TAC sum
1st-Best
2nd-Best
ID

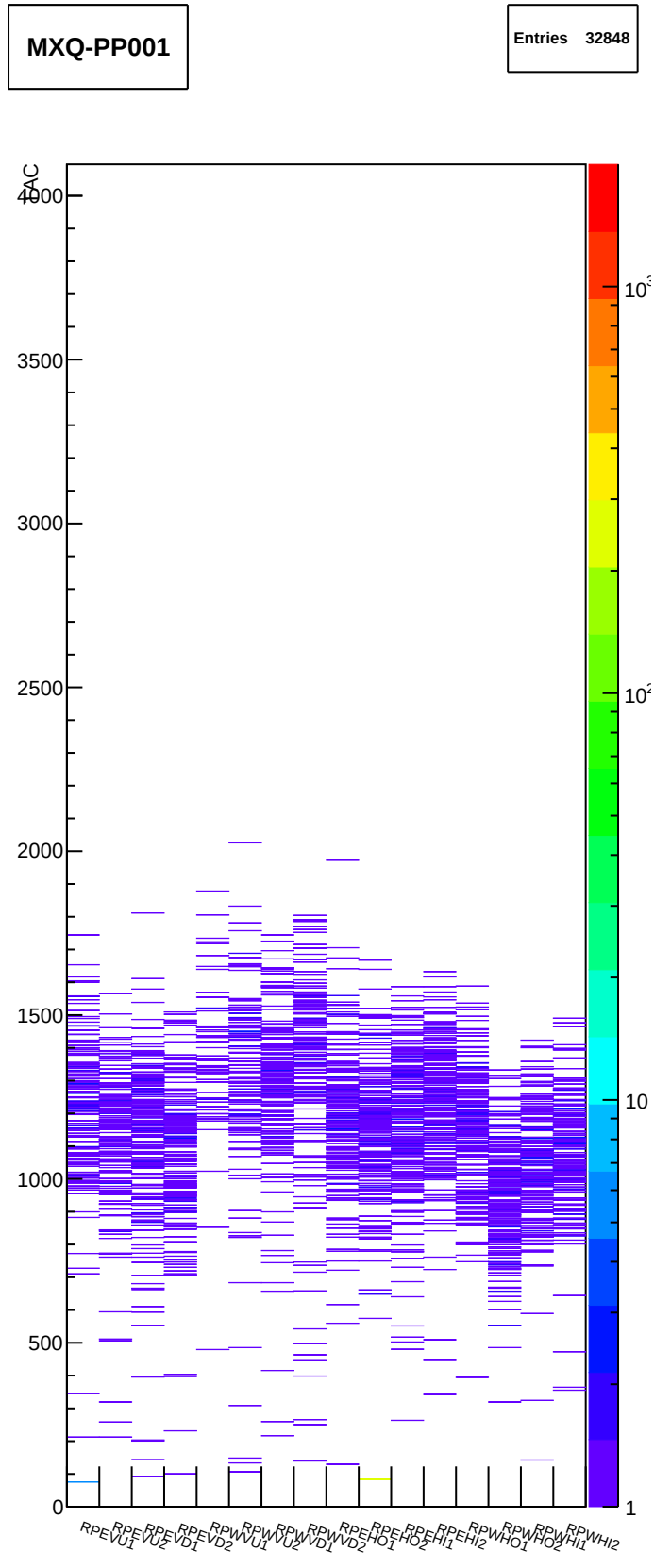

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 4106
TAC sum
1st-Best
2nd-Best
ID

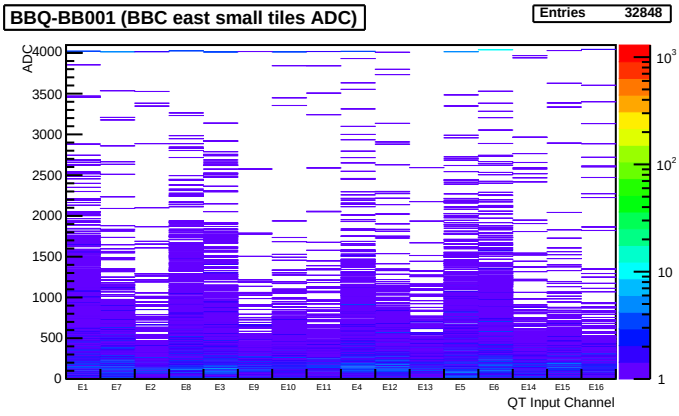

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 4106
TAC sum
1st-Best
2nd-Best
ID

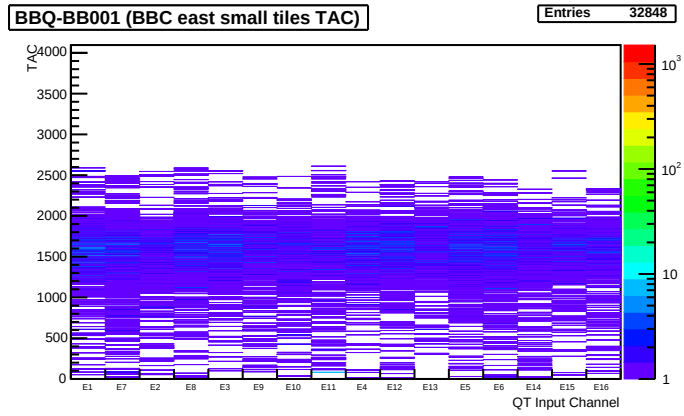

MIX-MT102 Input: VP003 Max TAC
Entries 2053

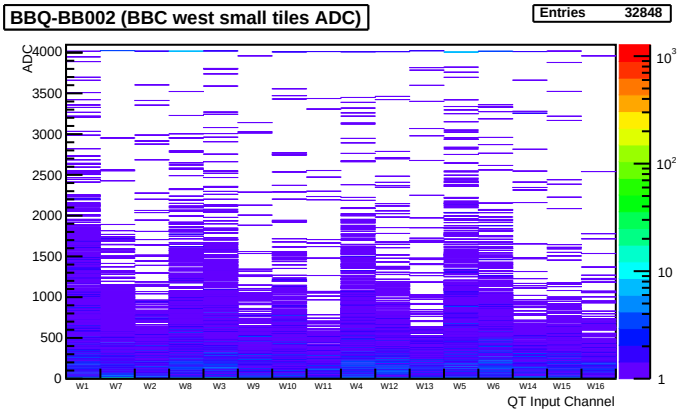

MIX-MT102 Input: VP004 Max TAC
Entries 2053

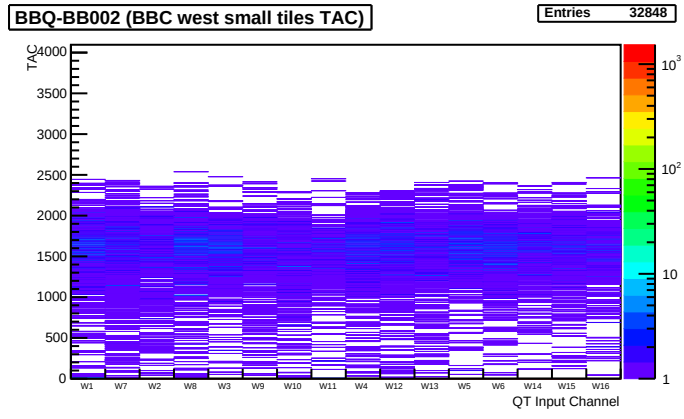

MXQ-PP001
Entries 32848
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
10
1
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2

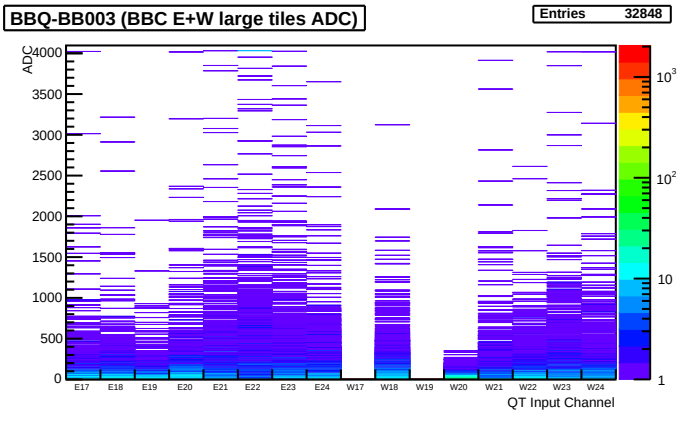

MXQ-PP001
Entries 32848
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
10
1
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2

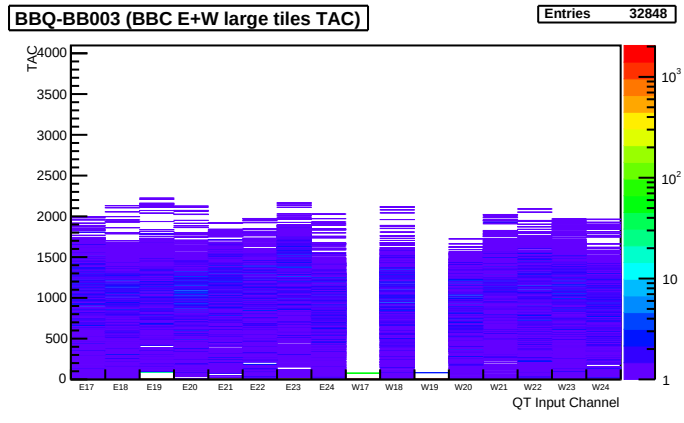

BBQ-BB001 (BBC east small tiles ADC)
Entries 32848
ADC
QT Input Channel

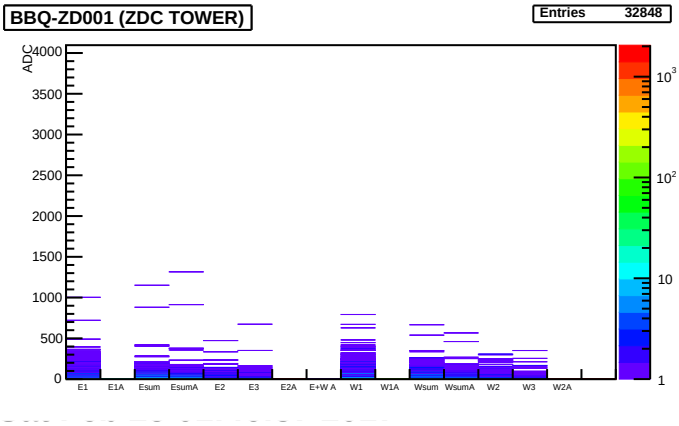

BBQ-BB001 (BBC east small tiles TAC)
Entries 32848
TAC
QT Input Channel

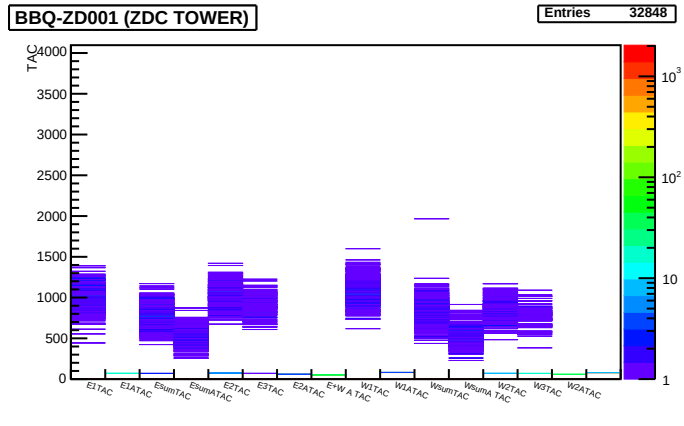

BBQ-BB002 (BBC west small tiles ADC)
Entries 32848
ADC
QT Input Channel

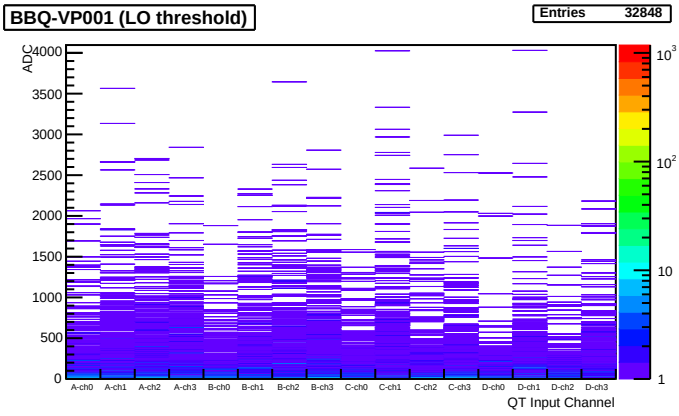

BBQ-BB002 (BBC west small tiles TAC)
Entries 32848
TAC
QT Input Channel

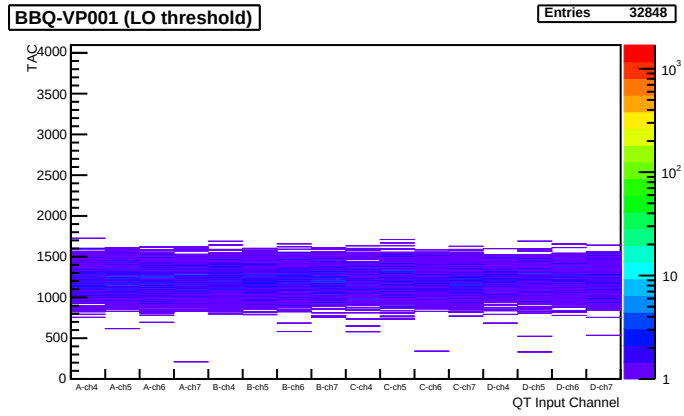

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 32848
ADC
QT Input Channel

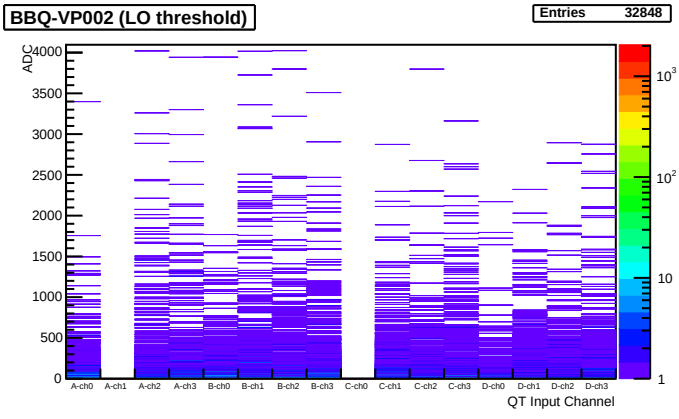

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 32848
TAC
QT Input Channel

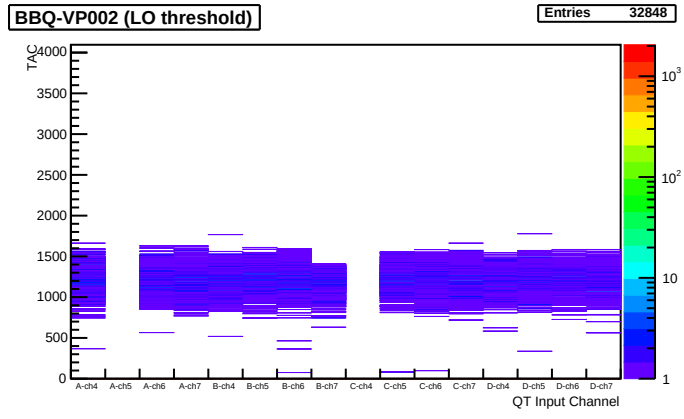

BBQ-ZD001 (ZDC TOWER)
Entries 32848
ADC

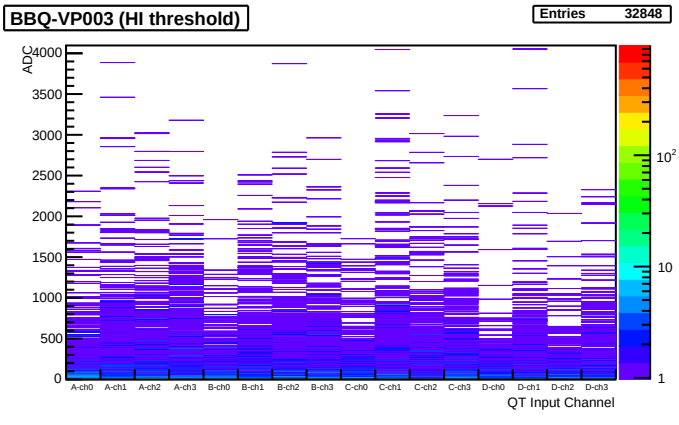

BBQ-ZD001 (ZDC TOWER)
Entries 32848
TAC

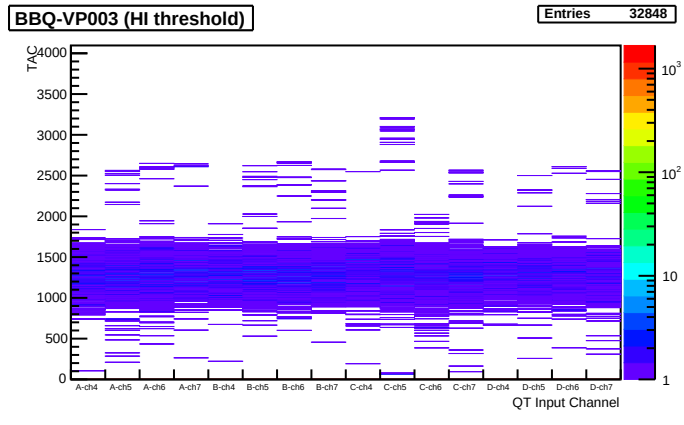

BBQ-VP001 (LO threshold)
Entries 32848
ADC
QT Input Channel

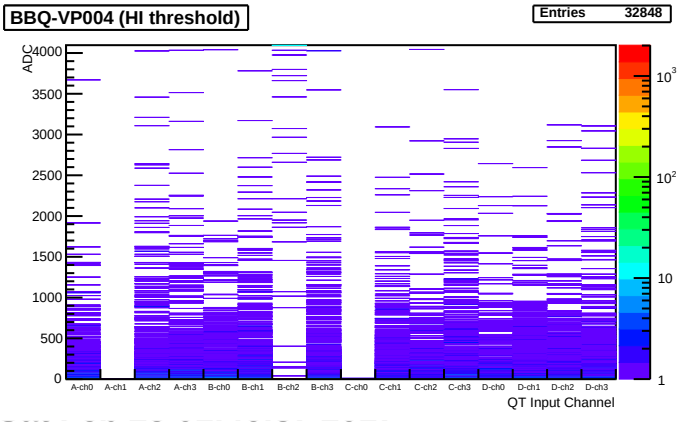

BBQ-VP001 (LO threshold)
Entries 32848
TAC
QT Input Channel

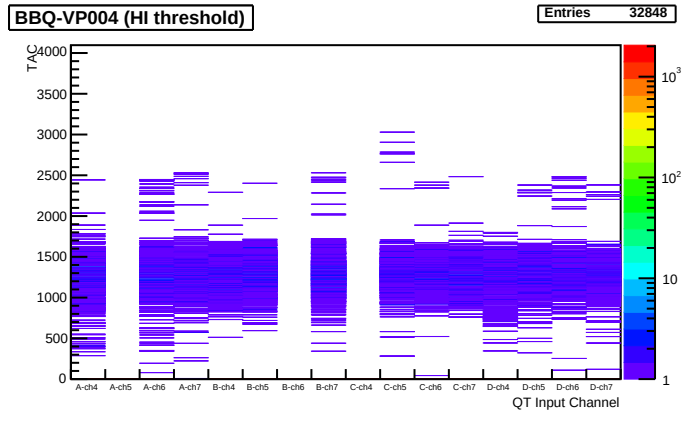

BBQ-VP002 (LO threshold)
Entries 32848
ADC
QT Input Channel

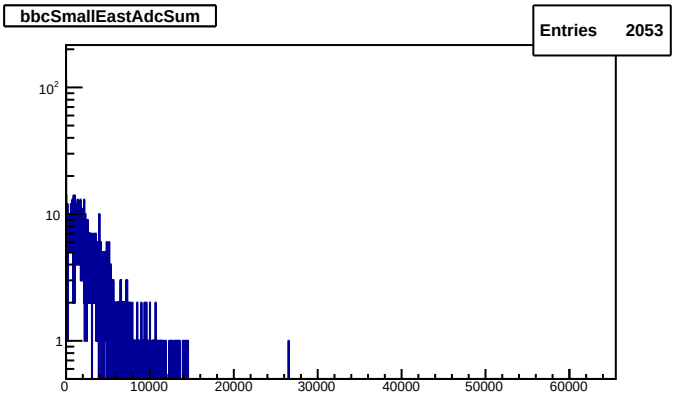

BBQ-VP002 (LO threshold)
Entries 32848
TAC
QT Input Channel

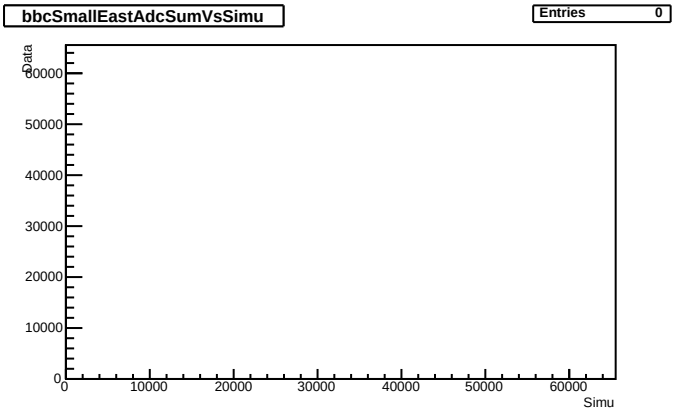

BBQ-VP003 (HI threshold)
Entries 32848
ADC
QT Input Channel

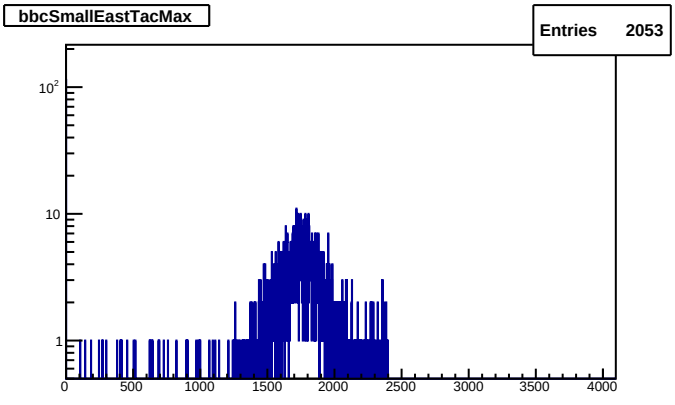

BBQ-VP003 (HI threshold)
Entries 32848
TAC
QT Input Channel

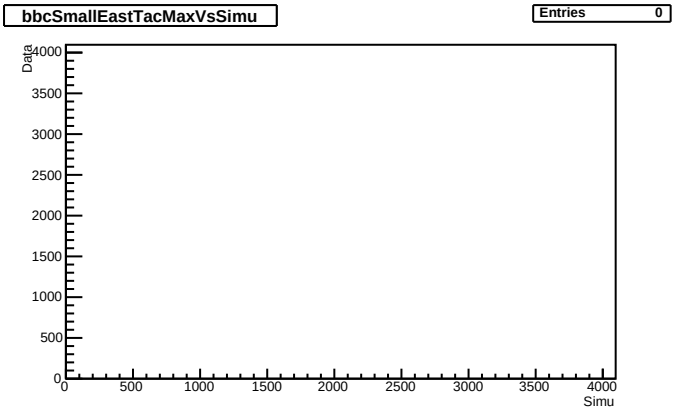

BBQ-VP004 (HI threshold)
Entries 32848
ADC
QT Input Channel

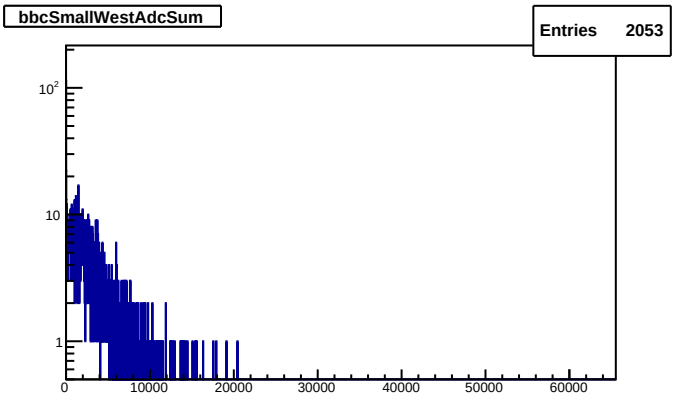

BBQ-VP004 (HI threshold)
Entries 32848
TAC
QT Input Channel

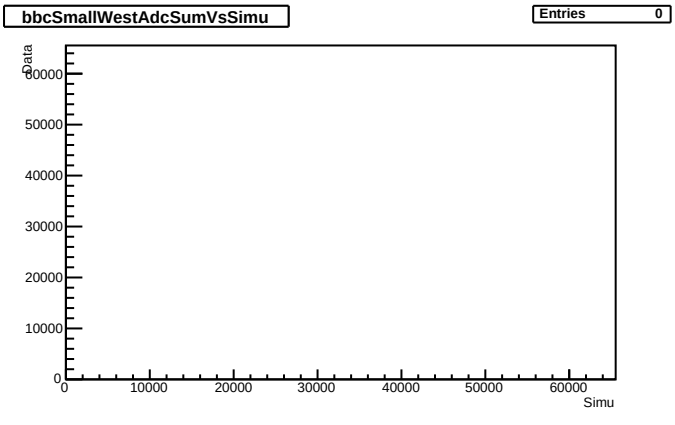

bbcSmallEastAdcSum
Entries 2053
10^2
10
1
0
10000
20000
30000
40000
50000
60000

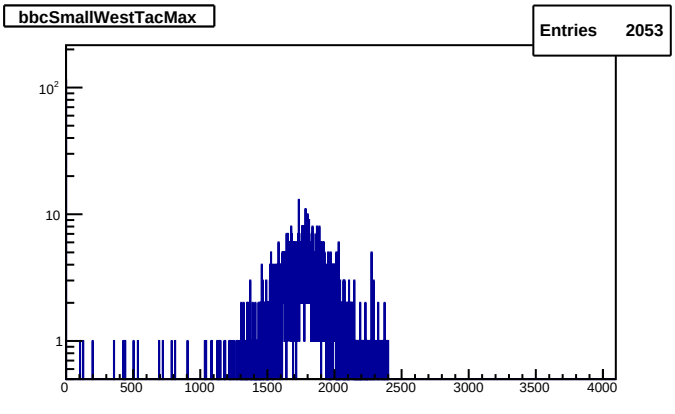

bbcSmallEastAdcSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0
10000
20000
30000
40000
50000
60000
Simu

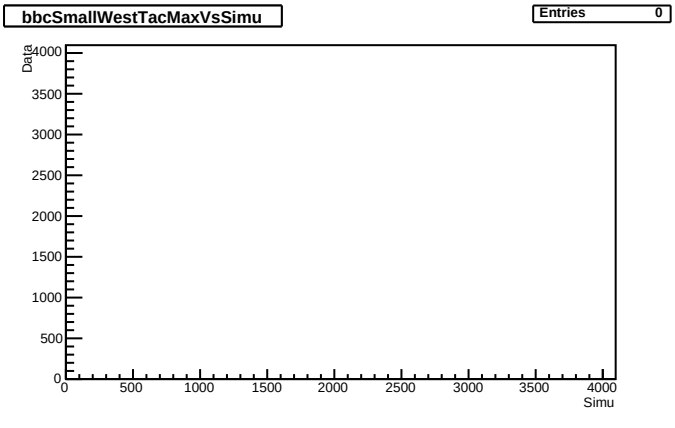

bbcSmallEastTacMax
Entries 2053
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

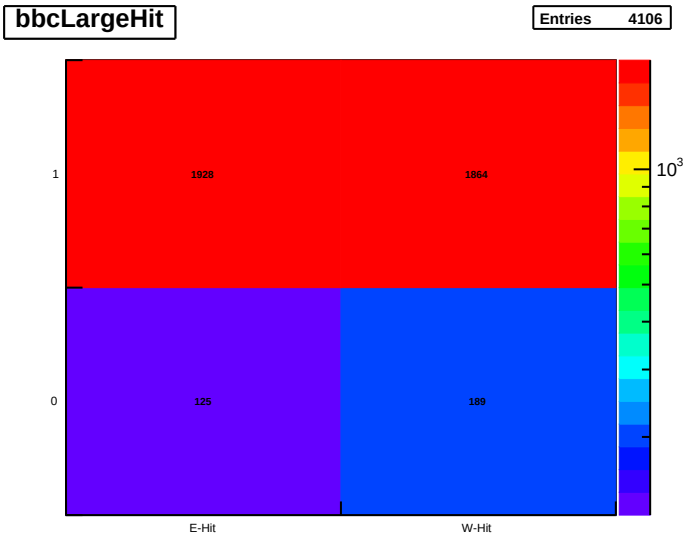

bbcSmallEastTacMaxVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0
500
1000
1500
2000
2500
3000
3500
4000
Simu

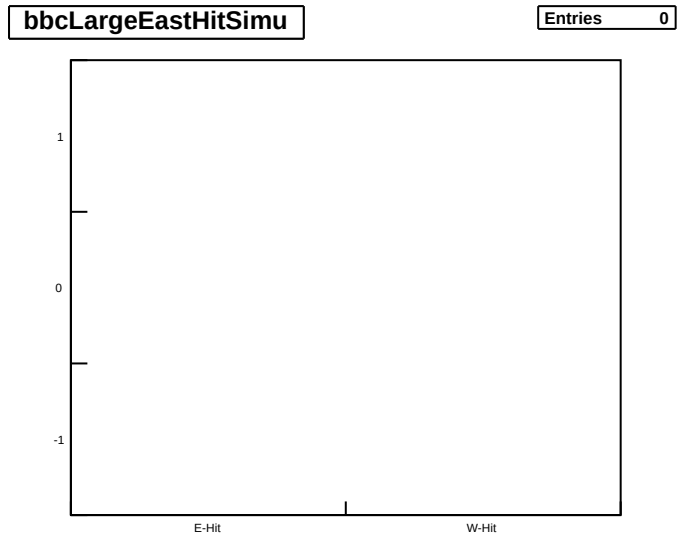

bbcSmallWestAdcSum
Entries 2053
10^2
10
1
0
10000
20000
30000
40000
50000
60000

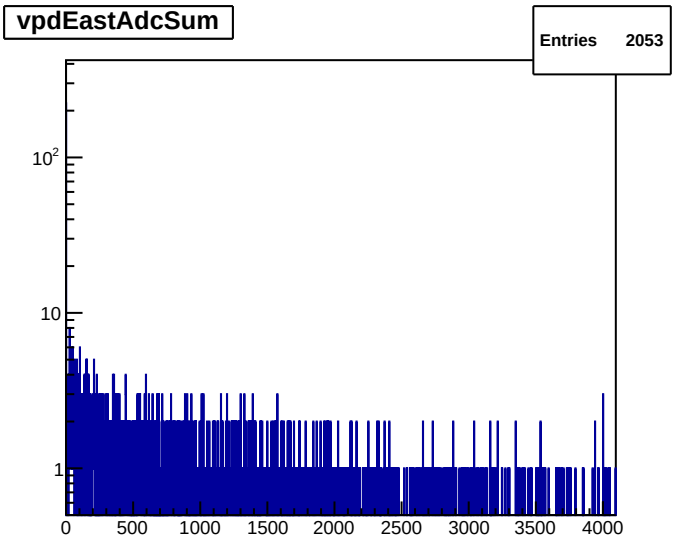

bbcSmallWestAdcSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0
10000
20000
30000
40000
50000
60000
Simu

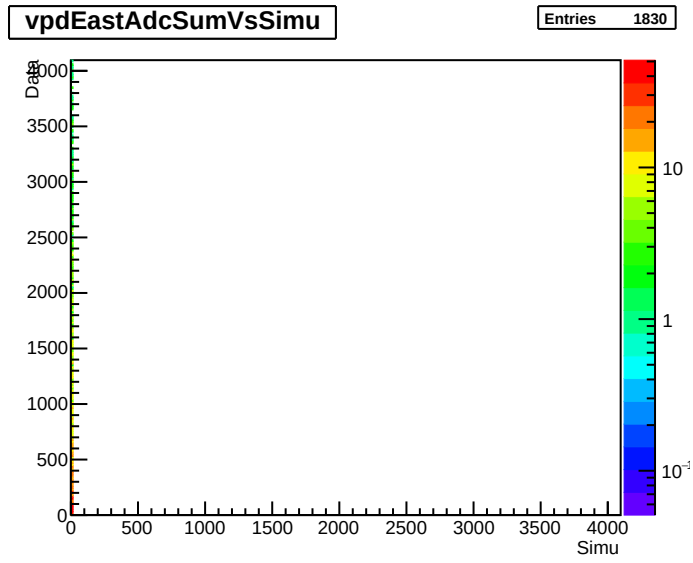

bbcSmallWestTacMax
Entries 2053
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

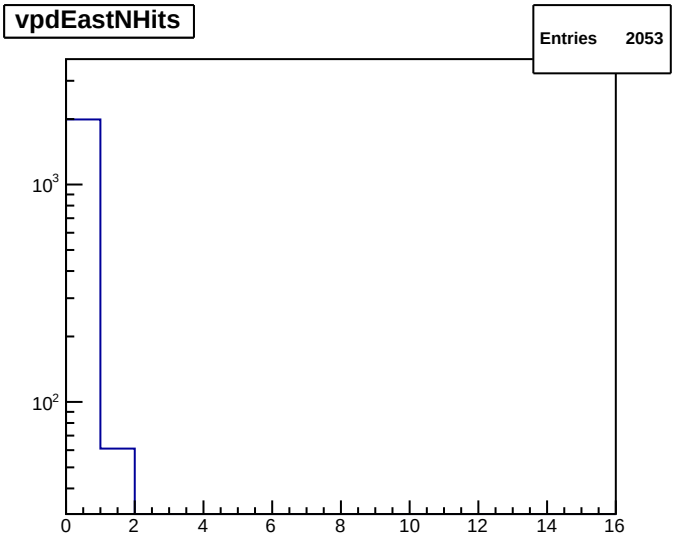

bbcSmallWestTacMaxVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0
500
1000
1500
2000
2500
3000
3500
4000
Simu

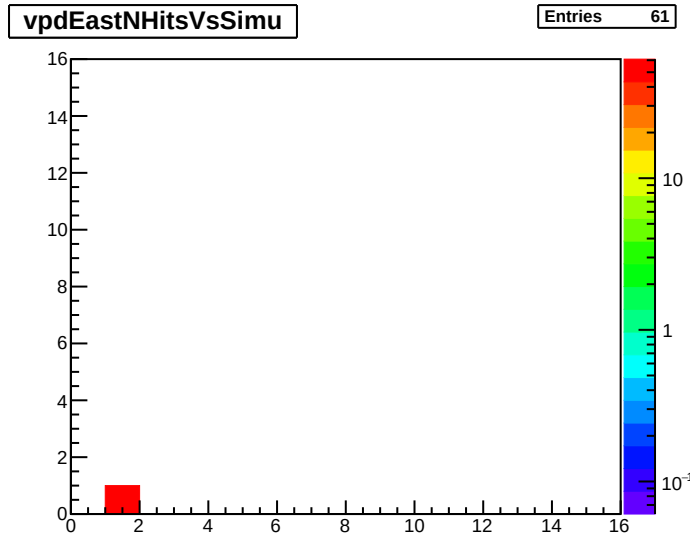

bbcLargeHit
Entries 4106
1928
1864
125
189
1
0
E-Hit
W-Hit
10^3

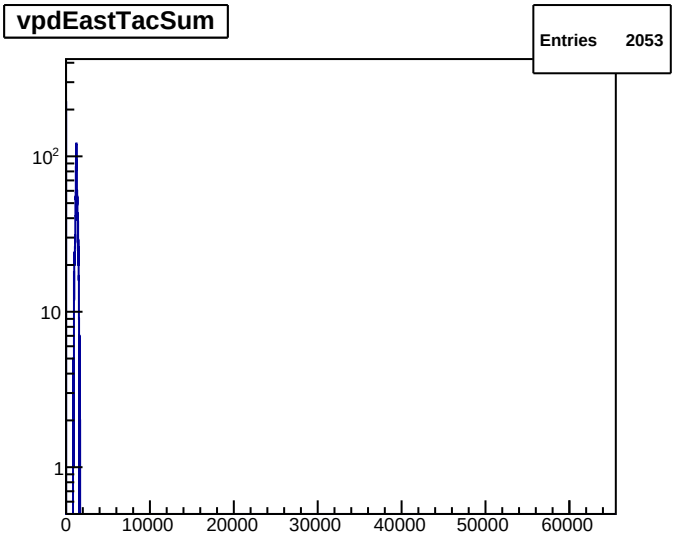

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

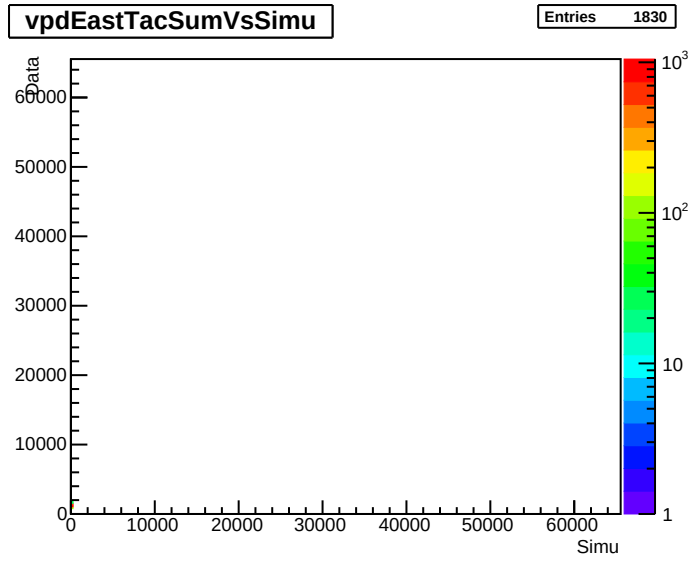

vpdEastAdcSum
Entries 2053

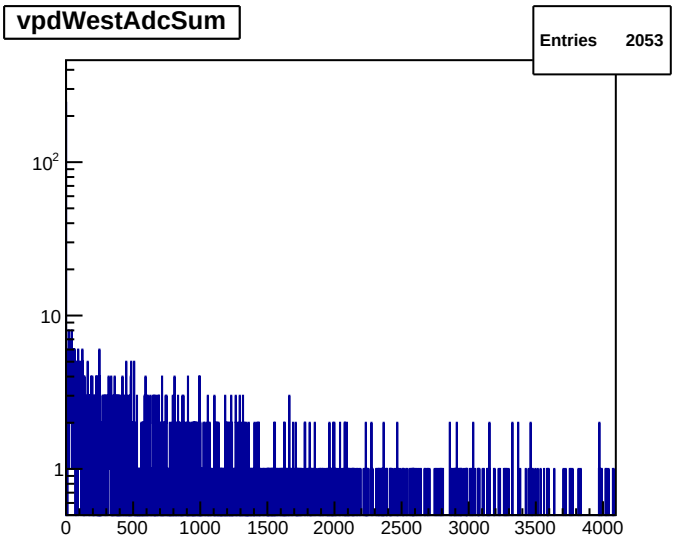

vpdEastAdcSumVsSimu
Entries 1830
Data
Simu

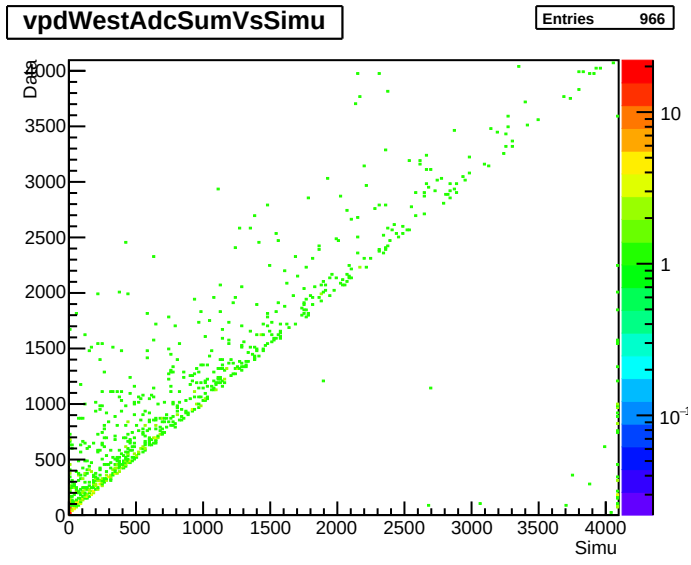

vpdEastNHits
Entries 2053

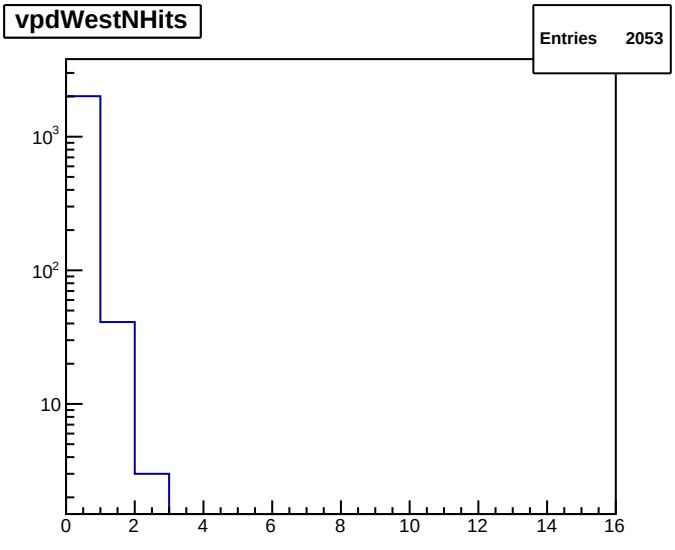

vpdEastNHitsVsSimu
Entries 61

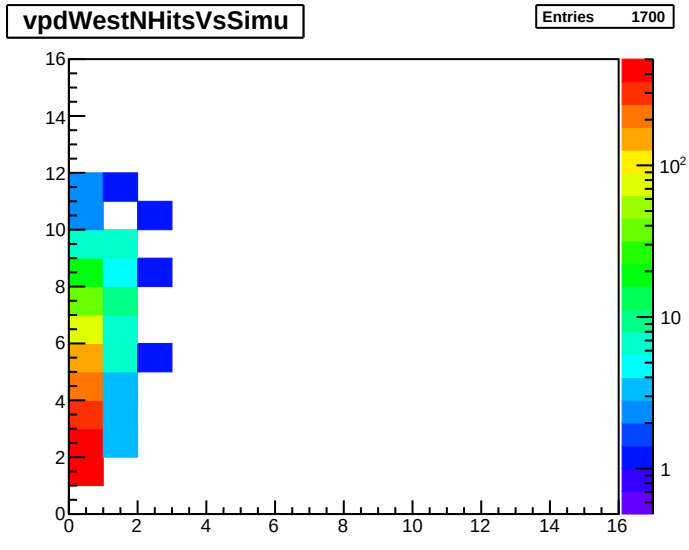

vpdEastTacSum
Entries 2053

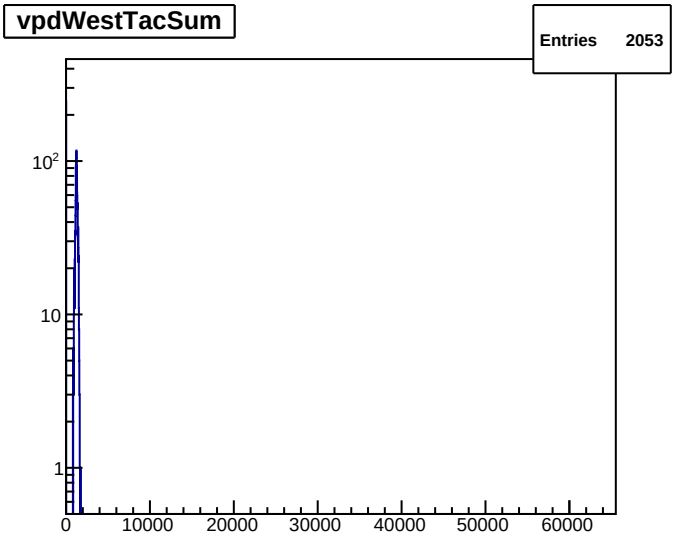

vpdEastTacSumVsSimu
Entries 1830
Data
Simu

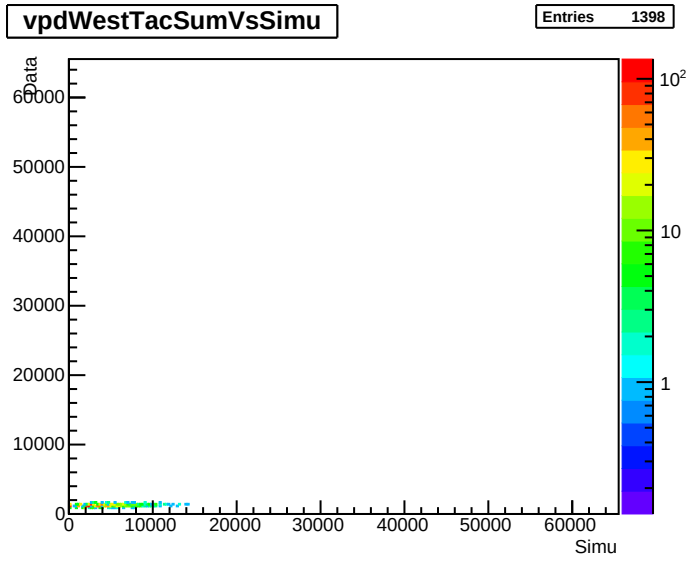

vpdWestAdcSum
Entries 2053

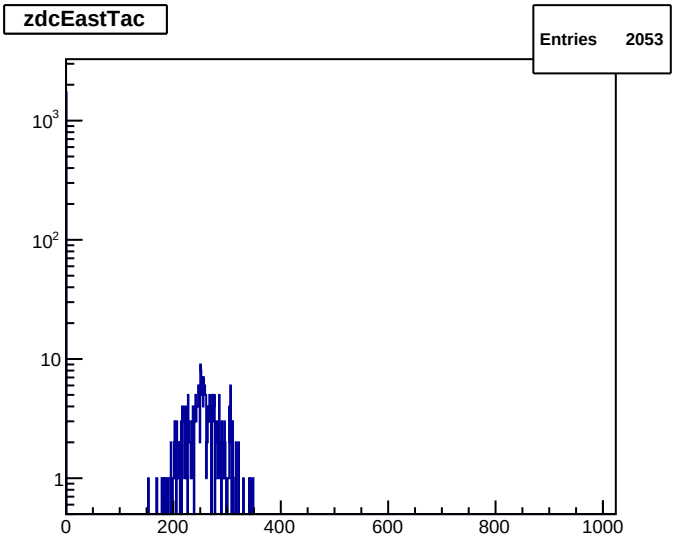

vpdWestAdcSumVsSimu
Entries 966
Data
Simu

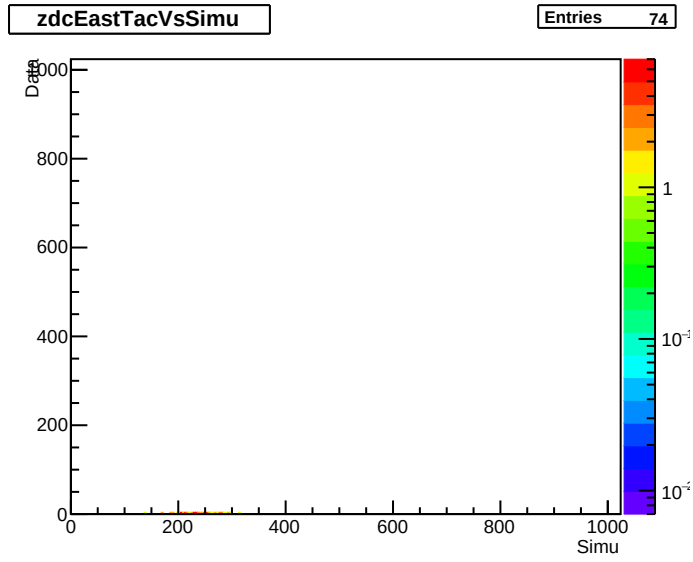

vpdWestNHits
Entries 2053

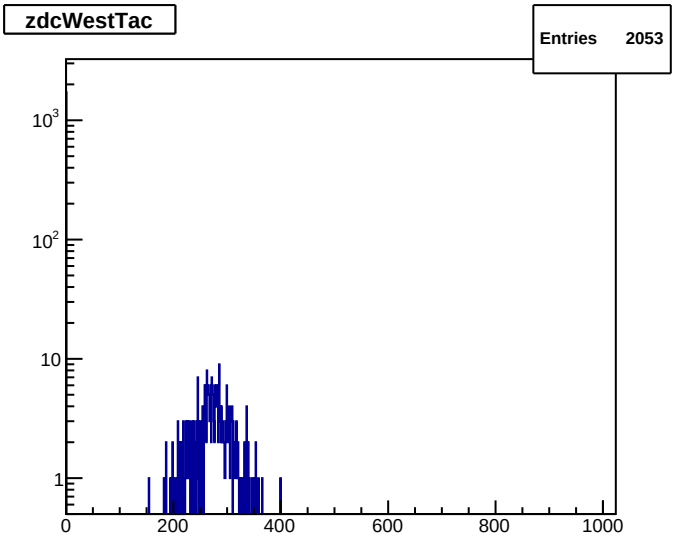

vpdWestNHitsVsSimu
Entries 1700

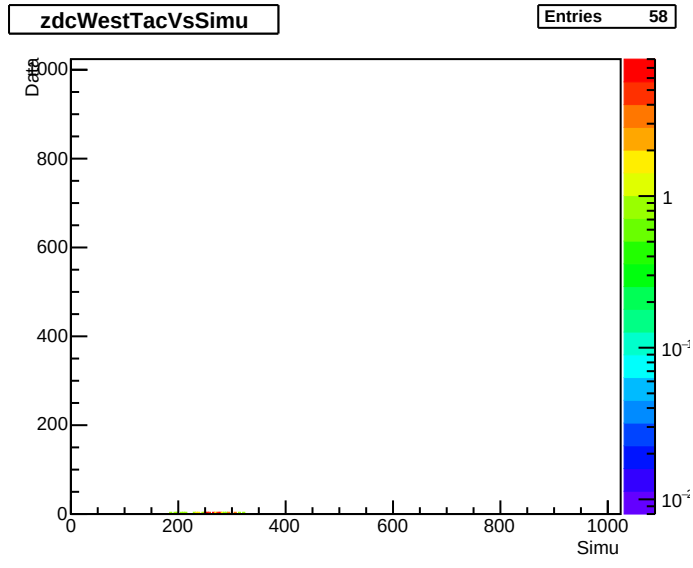

vpdWestTacSum
Entries 2053

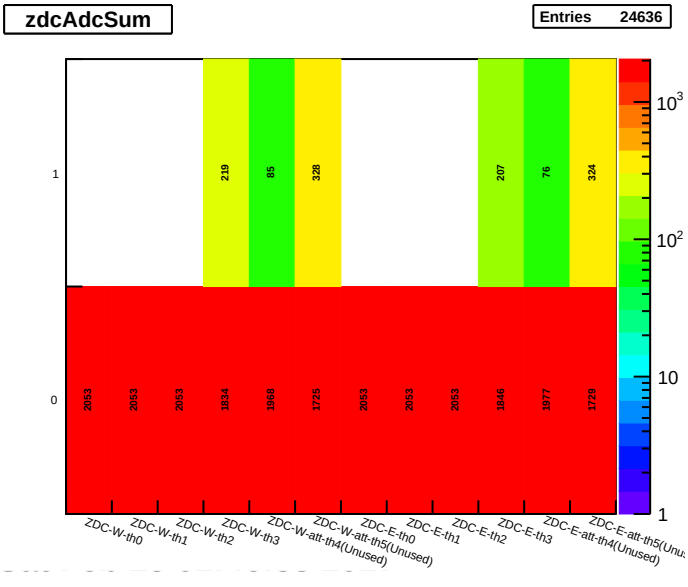

vpdWestTacSumVsSimu
Entries 1398
Data
Simu

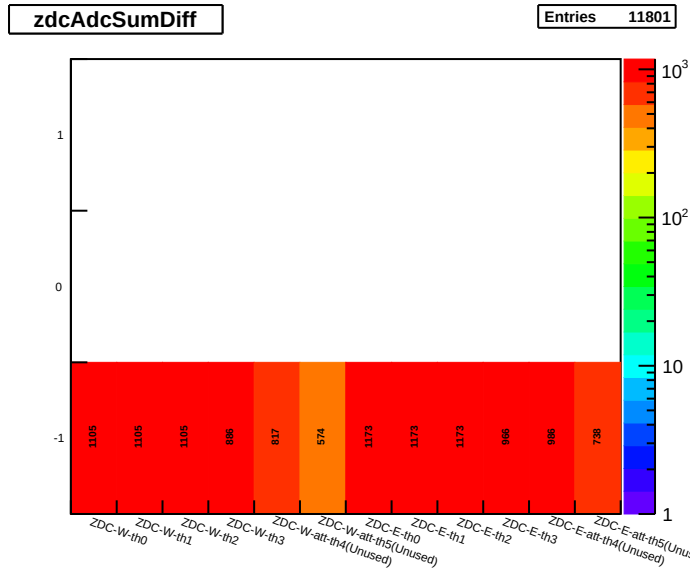

zdcEastTac
Entries 2053
10^3
10^2
10
1
0
200
400
600
800
1000

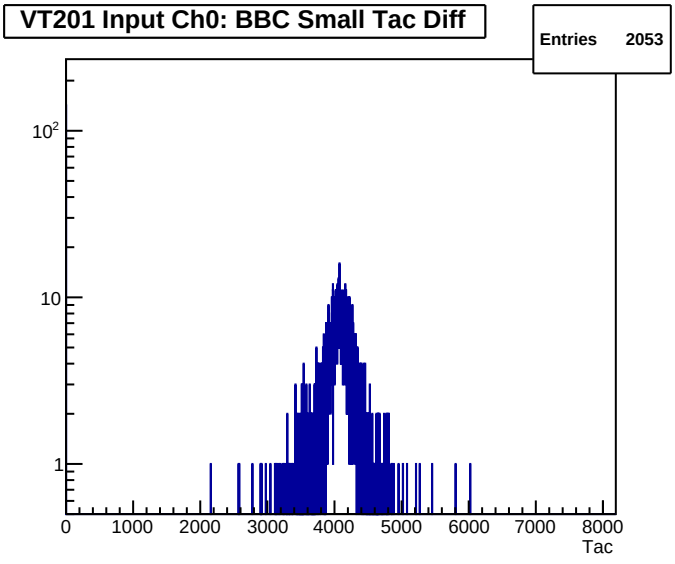

zdcEastTacVsSimu
Entries 74
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu
1

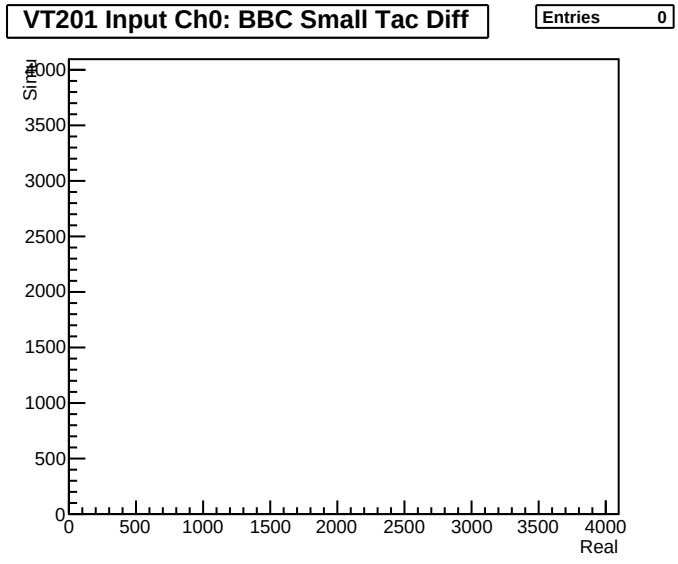

zdcWestTac
Entries 2053
10^3
10^2
10
1
0
200
400
600
800
1000

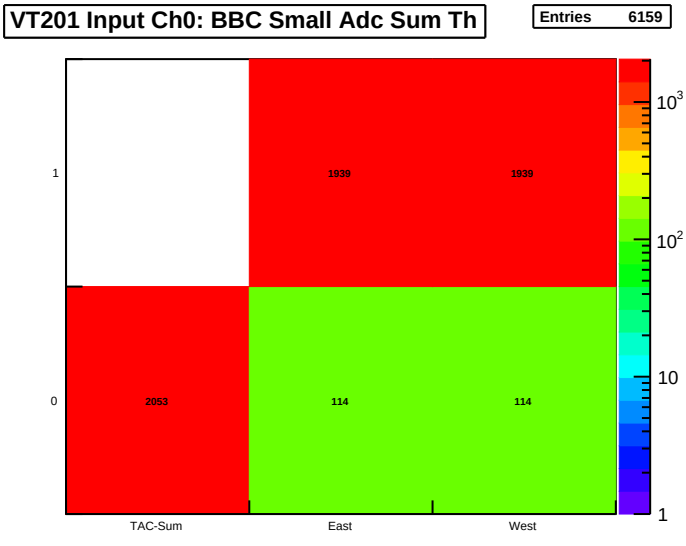

zdcWestTacVsSimu
Entries 58
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu
1

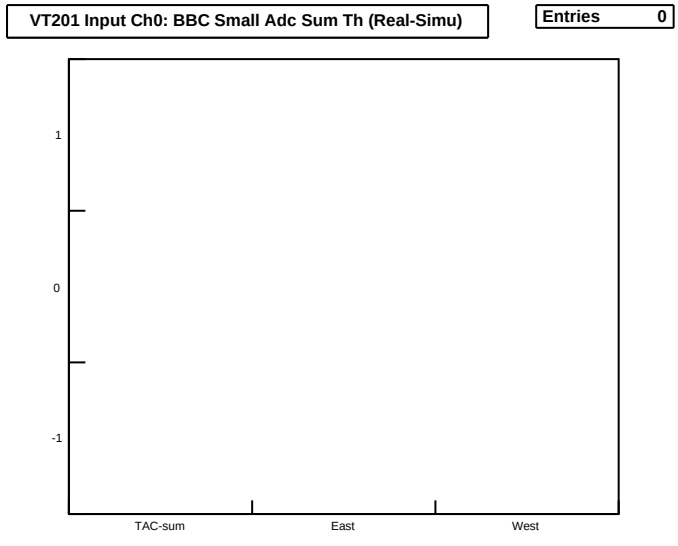

zdcAdcSum
Entries 24636
1
0
219
85
328
207
76
324
2053
2053
2053
1834
1968
1725
2053
2053
2053
1846
1977
1729
10^3
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

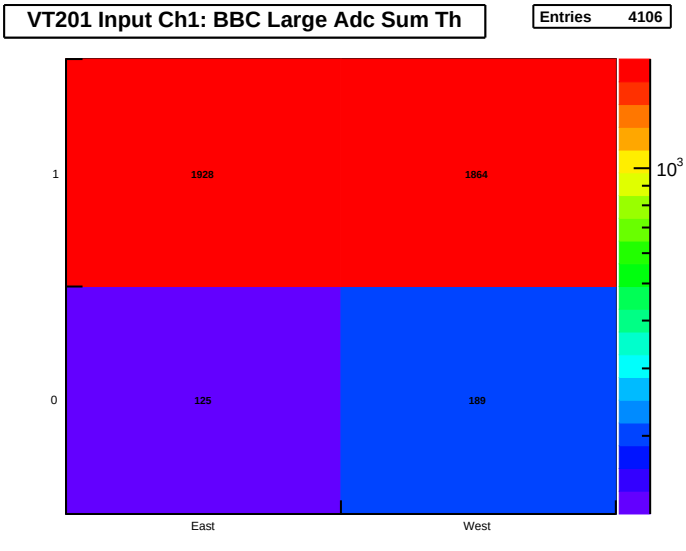

zdcAdcSumDiff
Entries 11801
1
0
-1
1105
1105
1105
886
817
574
1173
1173
1173
966
986
738
10^3
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

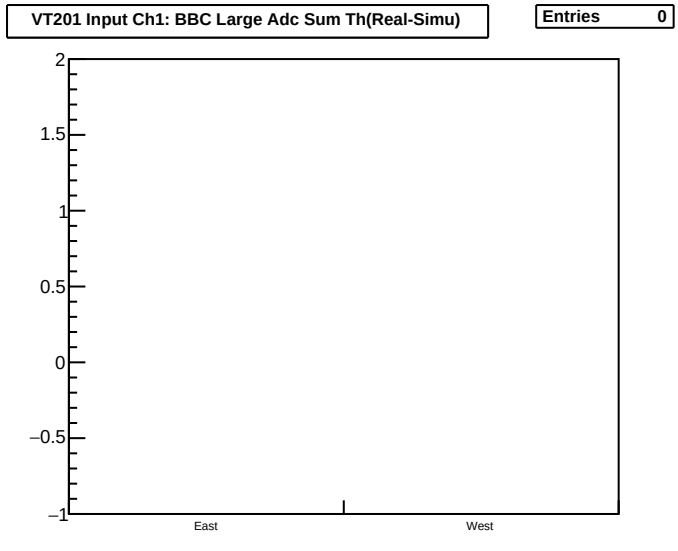

VT201 Input Ch0: BBC Small Tac Diff
Entries 2053
Tac


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

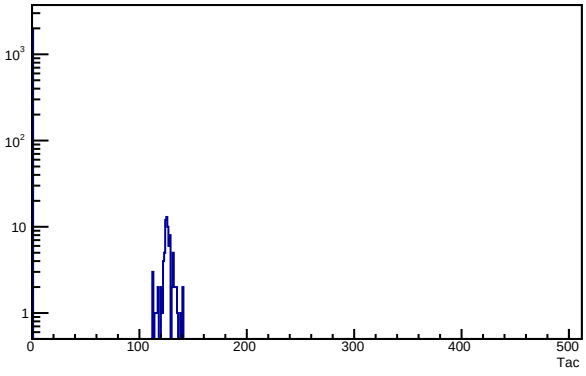

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 6159
1939
1939
2053
114
114
TAC-Sum
East
West


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

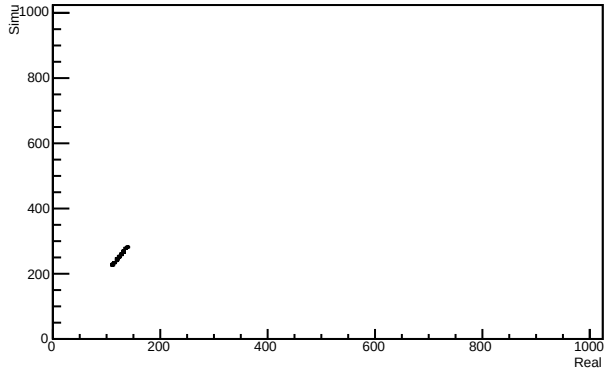

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 4106
1928
1864
125
189
East
West


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

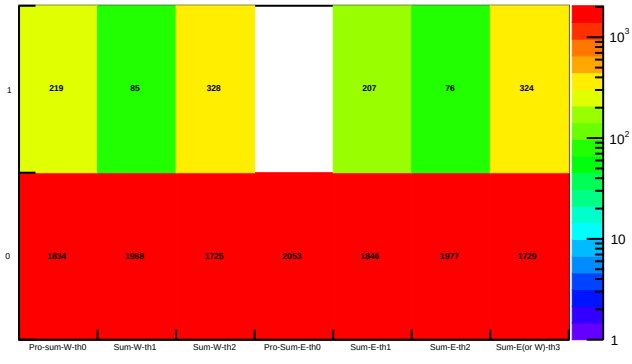
VT201 Input Ch2: ZDC Tac Diff



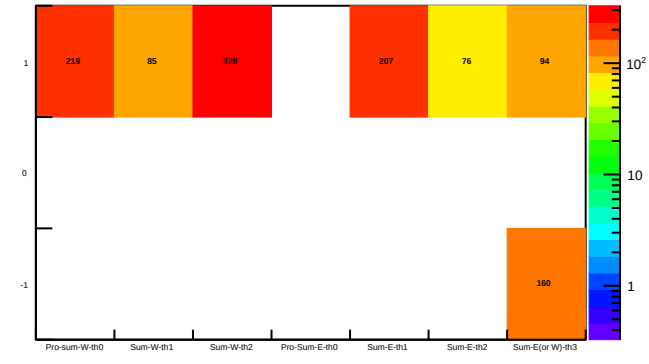
VT201 Input Ch2: ZDC Tac Diff



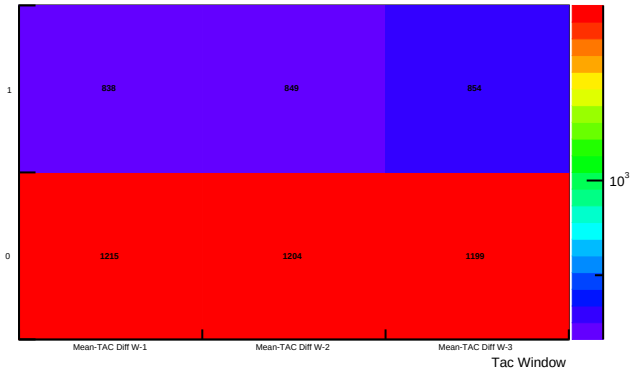
VT201 Input Ch2: ZDC Adc Sum Th



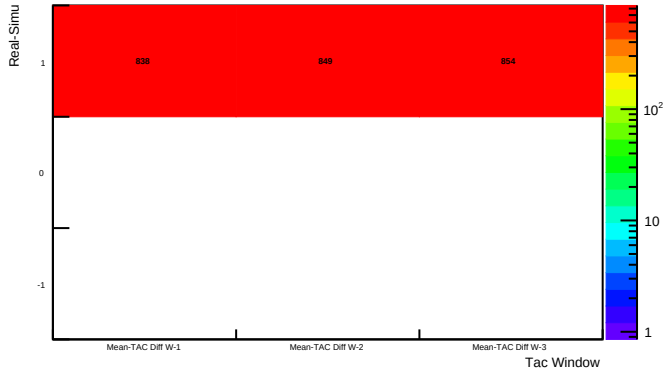
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



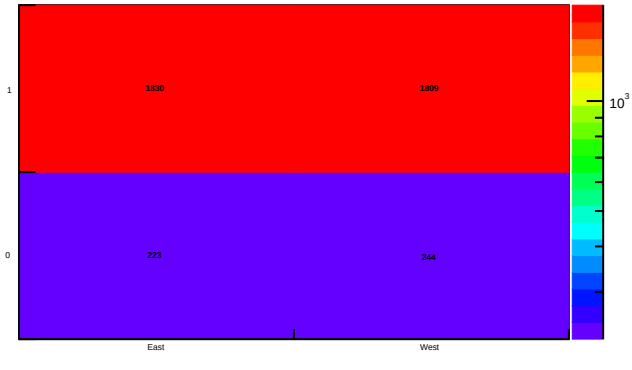
VT201 Input Ch4: VPD Tac Diff



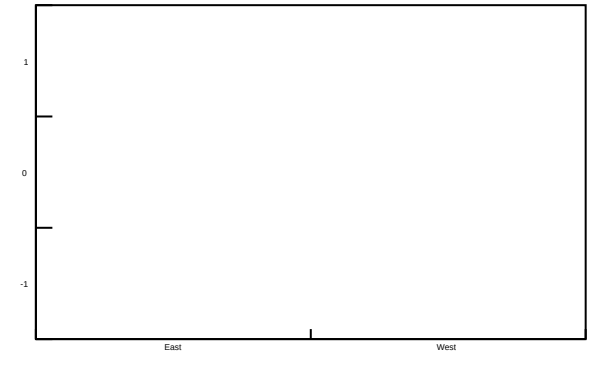
VT201 Input Ch4: VPD Tac Diff

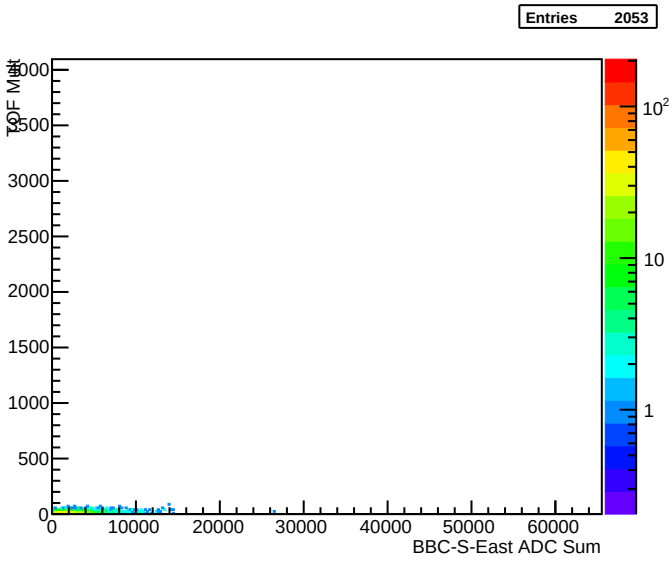


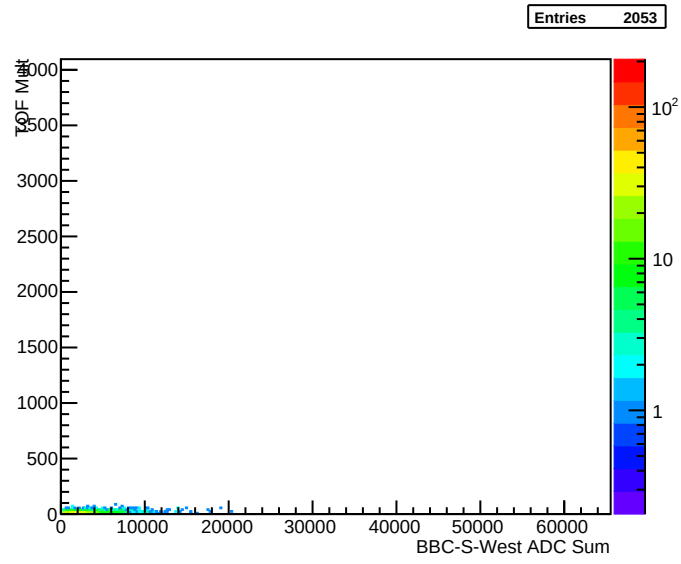
VT201 Input Ch4: VPD Adc Sum Th

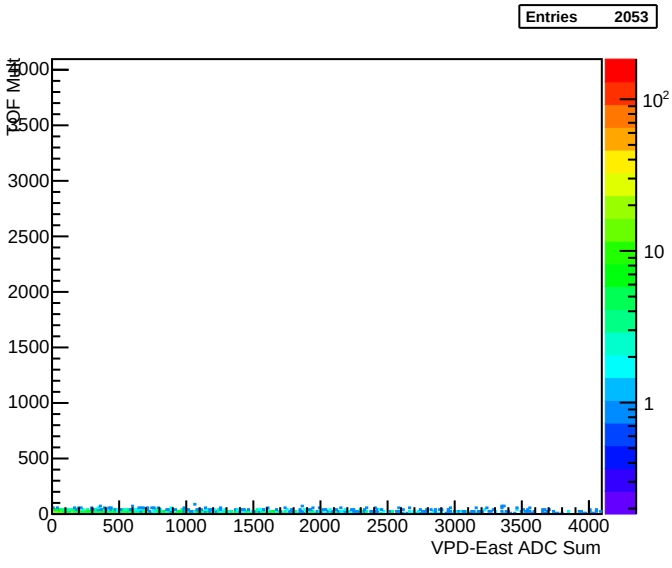


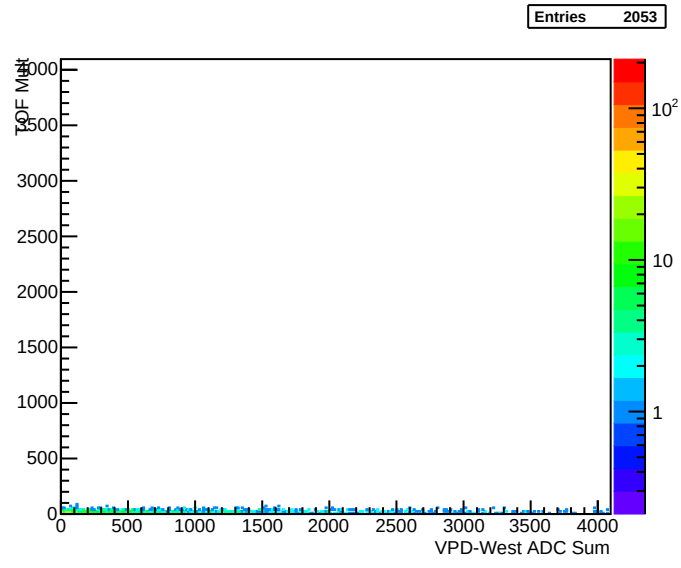
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

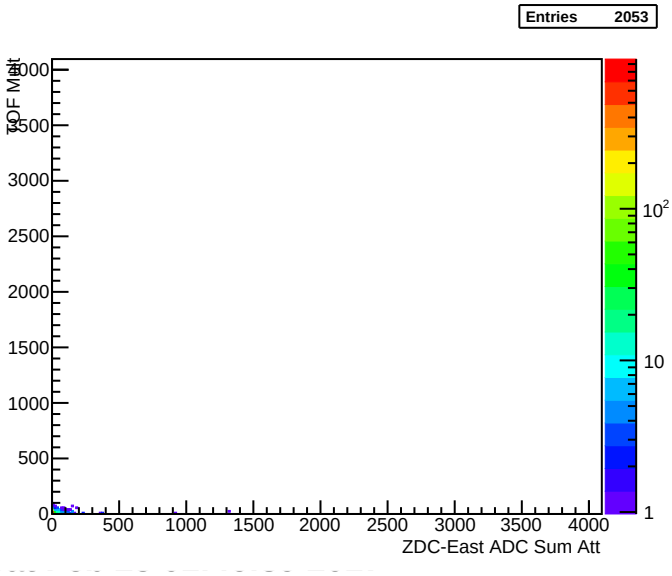


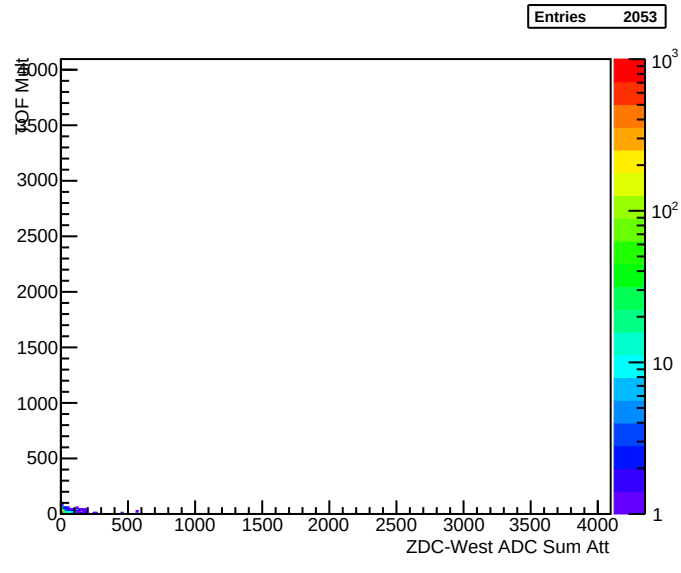

Entries 2053
TOF Mult
BBC-S-East ADC Sum

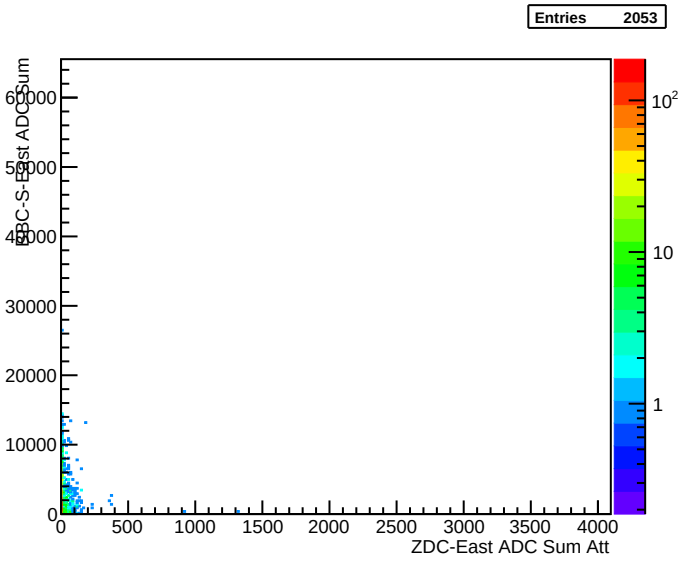

Entries 2053
TOF Mult
BBC-S-West ADC Sum

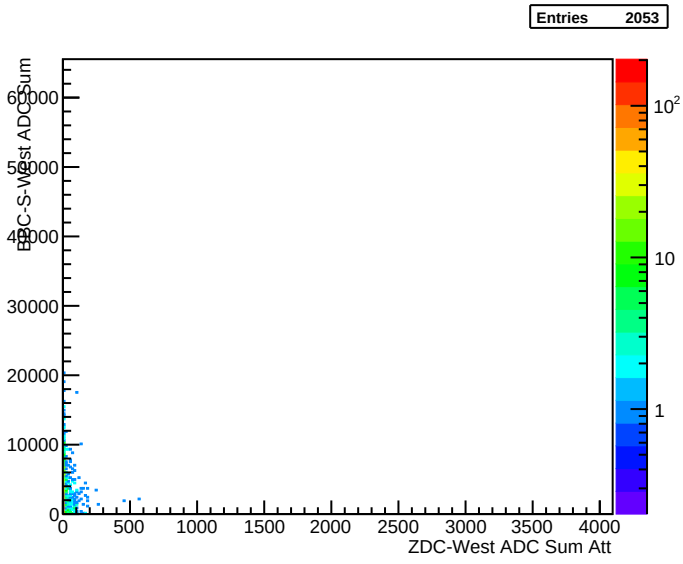

Entries 2053
TOF Mult
VPD-East ADC Sum

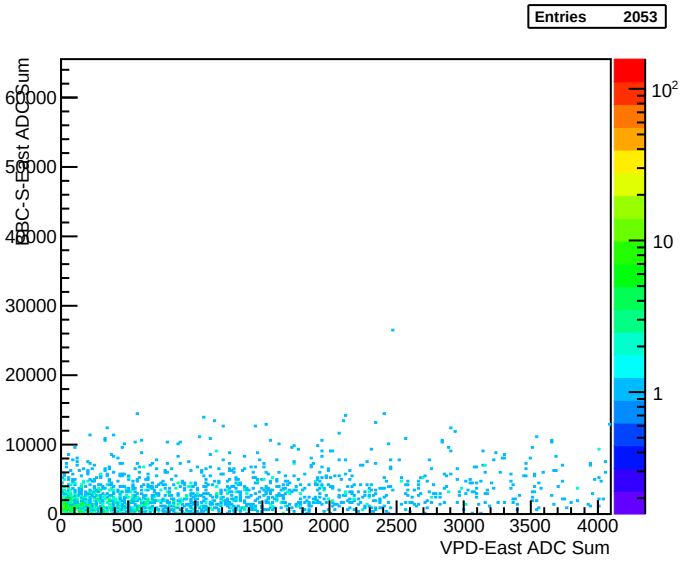

Entries 2053
TOF Mult
VPD-West ADC Sum

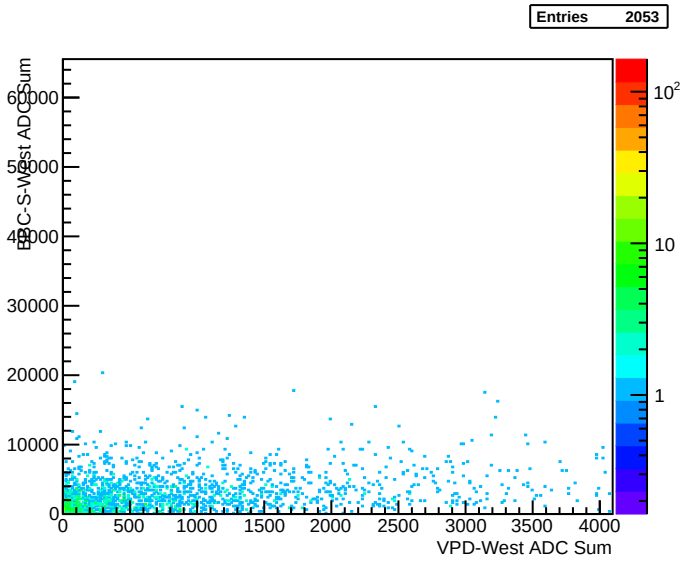

Entries 2053
TOF Mult
ZDC-East ADC Sum Att

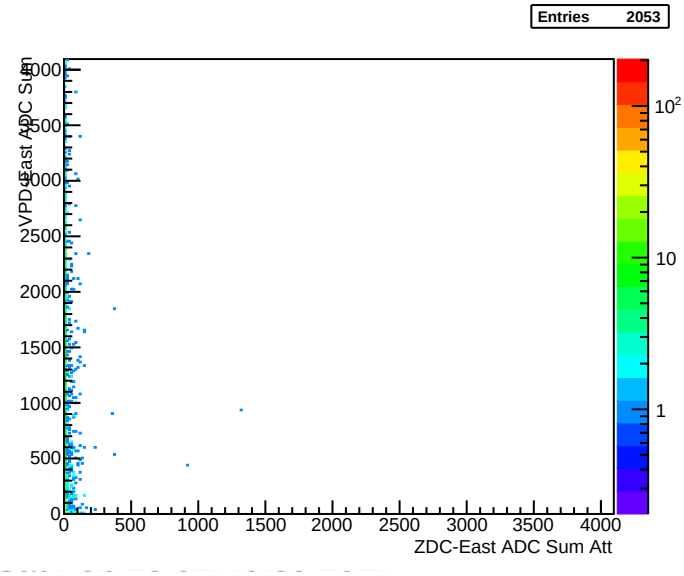

Entries 2053
TOF Mult
ZDC-West ADC Sum Att

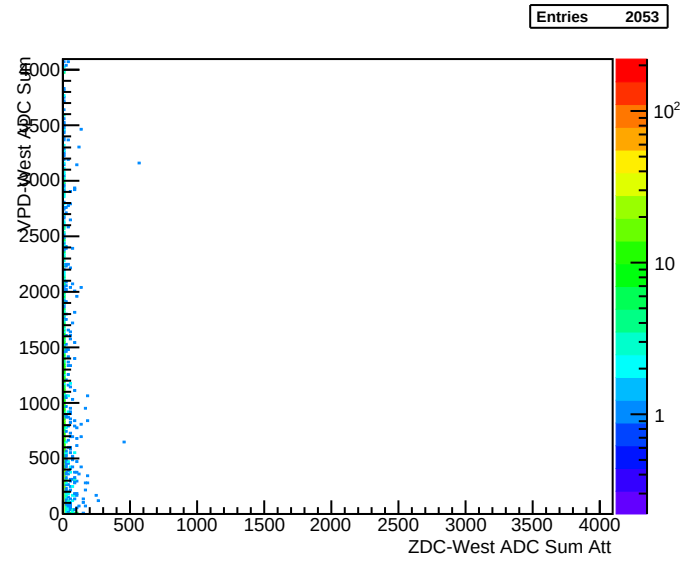

Entries 2053
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

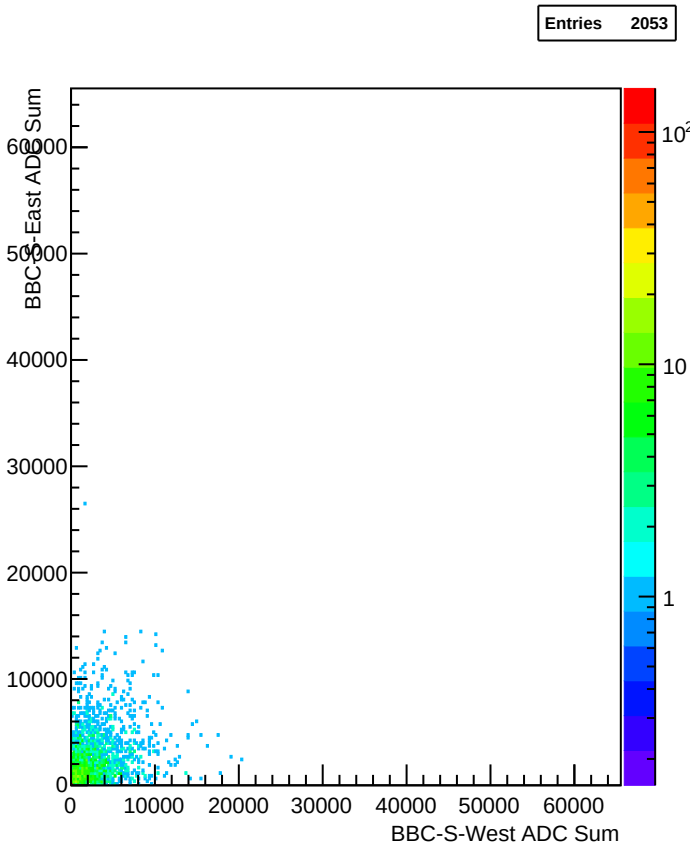

Entries 2053
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

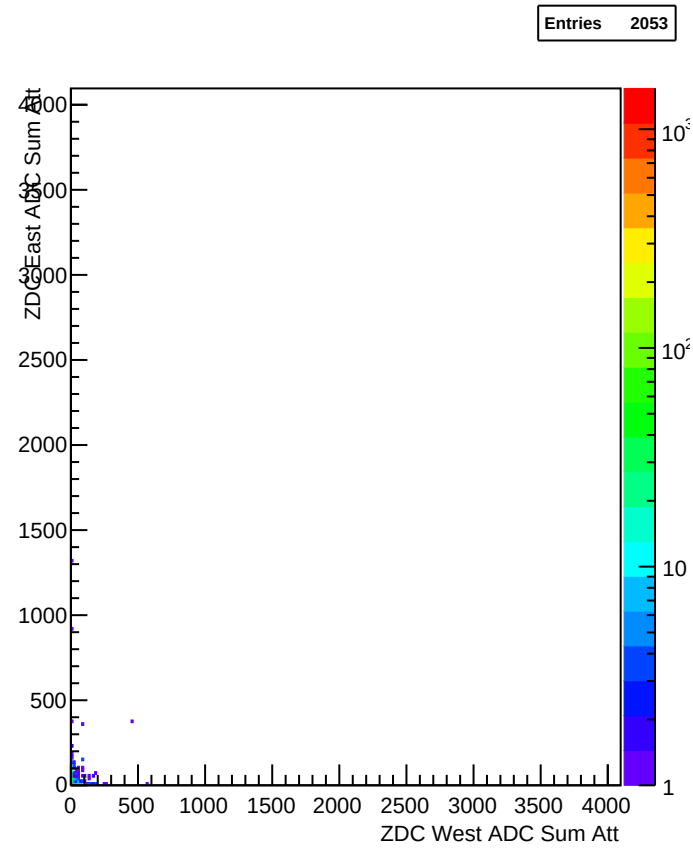

Entries 2053
BBC-S-East ADC Sum
VPD-East ADC Sum

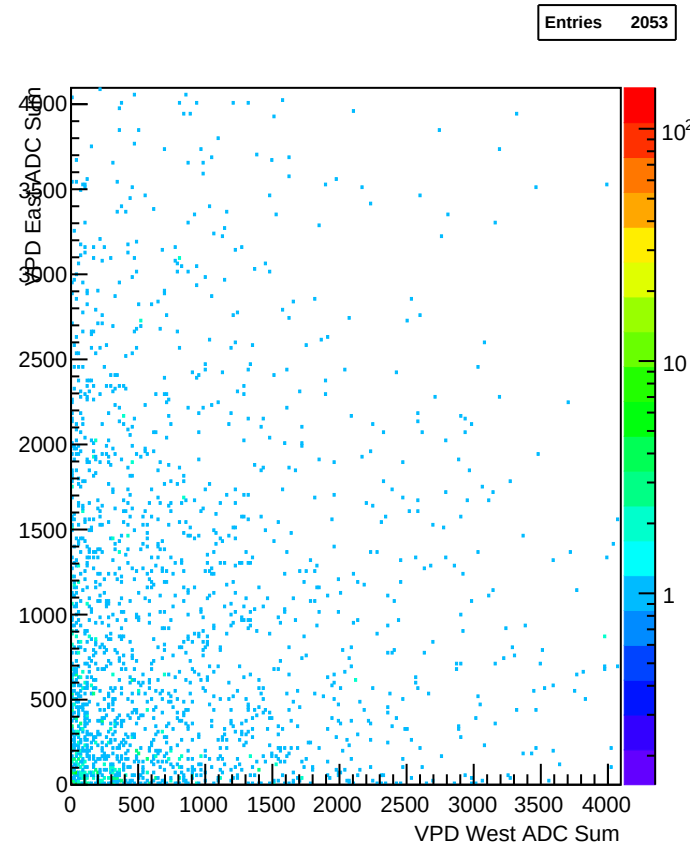

Entries 2053
BBC-S-West ADC Sum
VPD-West ADC Sum

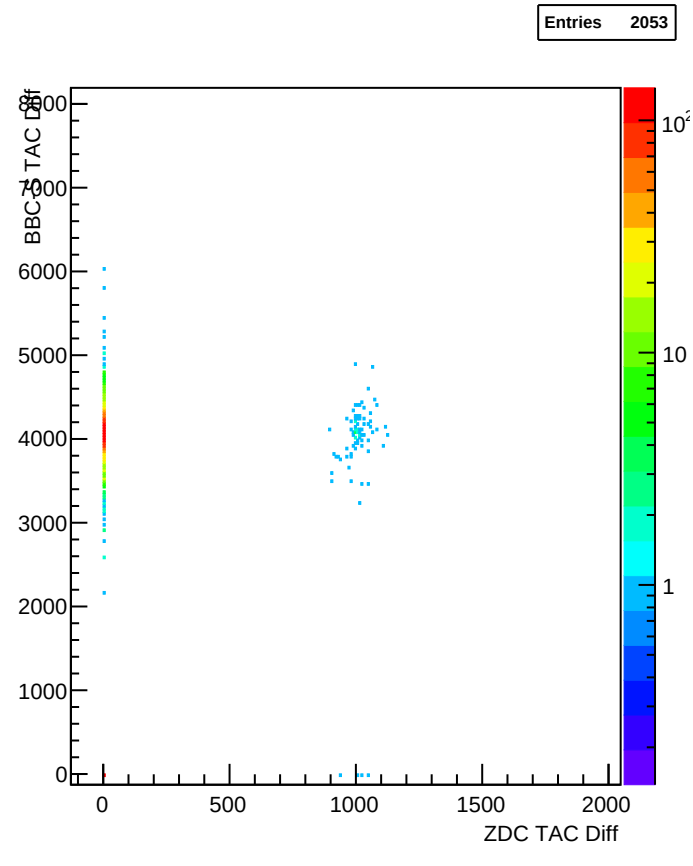

Entries 2053
VPD-East ADC Sum
ZDC-East ADC Sum Att

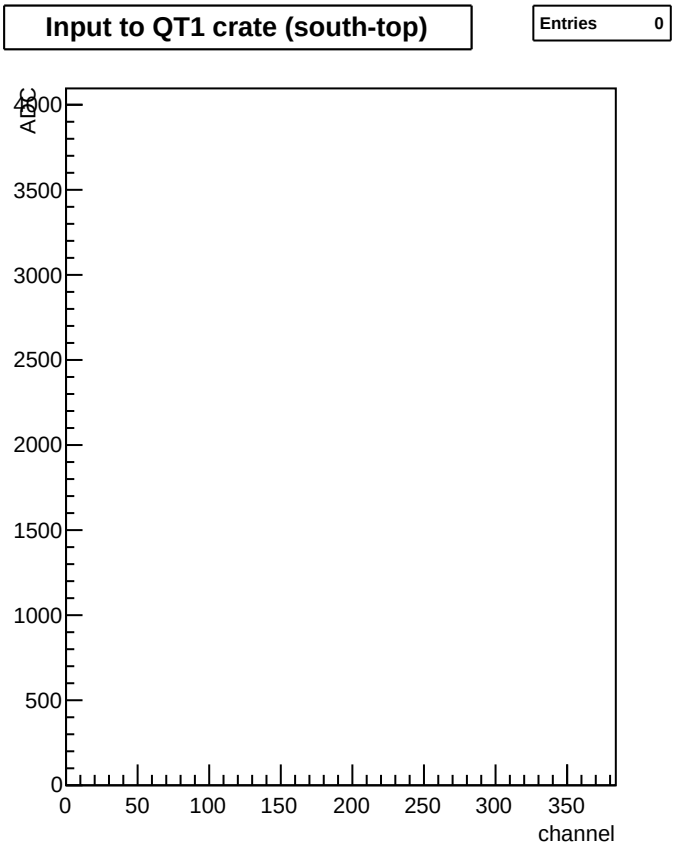

Entries 2053
VPD-West ADC Sum
ZDC-West ADC Sum Att

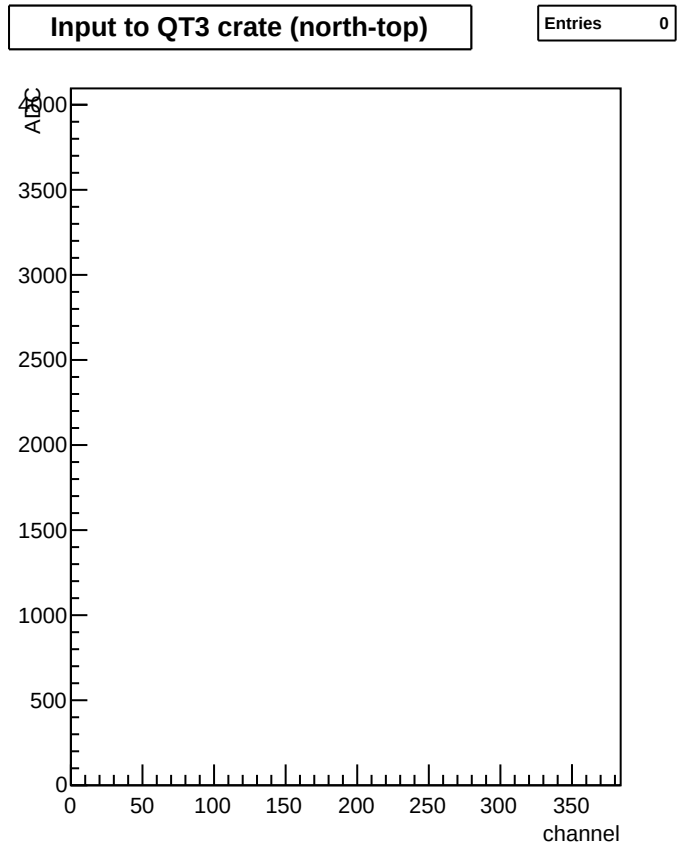

Entries 2053
BBC-S-East ADC Sum
BBC-S-West ADC Sum
0
10000
20000
30000
40000
50000
60000
1
10
10²

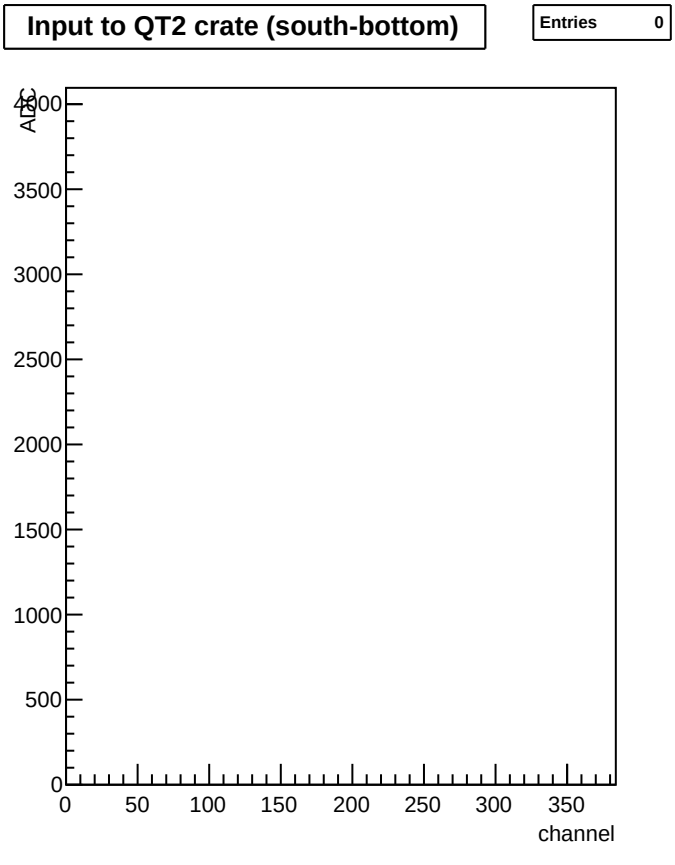

Entries 2053
ZDC East ADC Sum Att
ZDC West ADC Sum Att
0
500
1000
1500
2000
2500
3000
3500
4000
1
10
10²

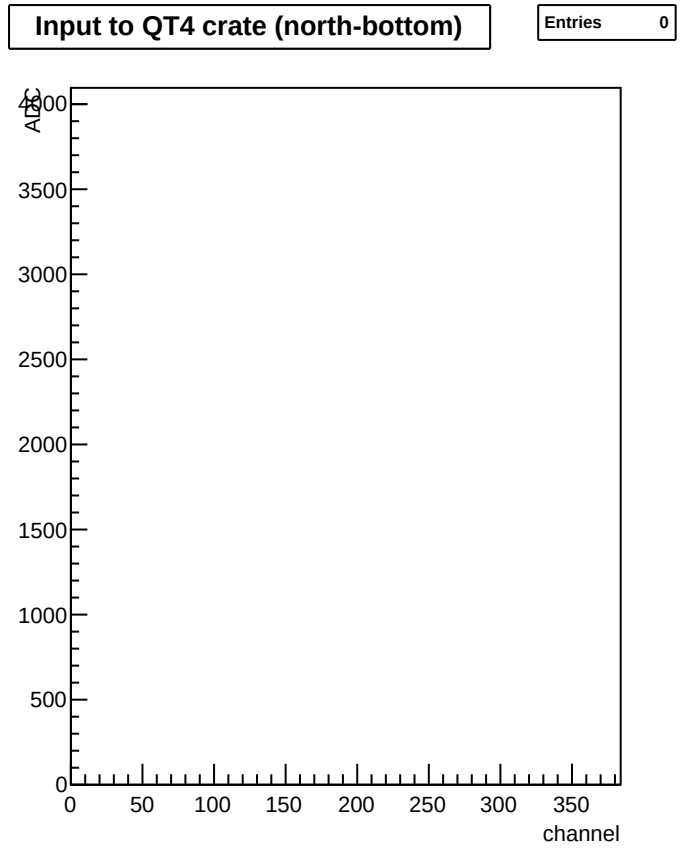

Entries 2053
VPD East ADC Sum
VPD West ADC Sum
0
500
1000
1500
2000
2500
3000
3500
4000
1
10
10²

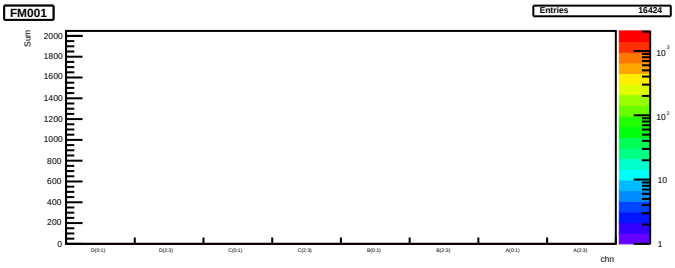

Entries 2053
BBC-S TAC Diff
ZDC TAC Diff
0
500
1000
1500
2000
3000
4000
5000
6000
7000
8000
1
10
10²

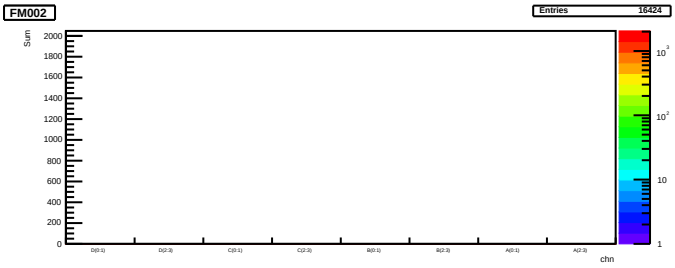

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

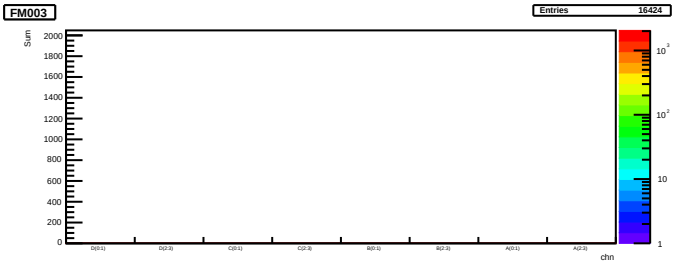

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

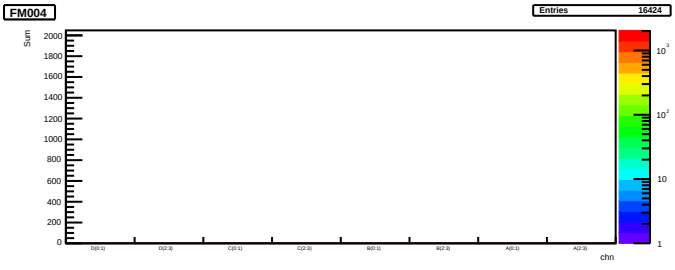

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

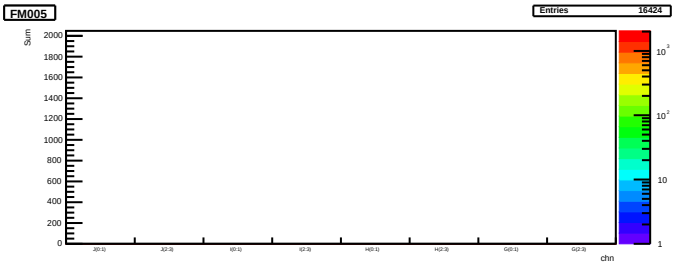

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

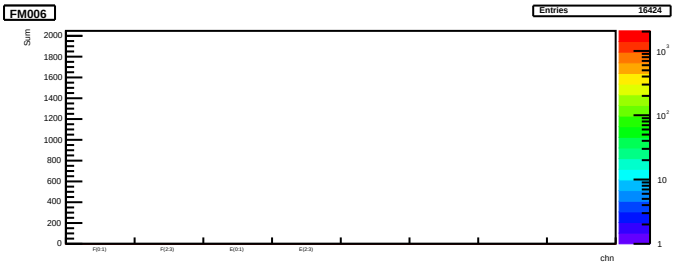

FM001
Entries 16424
Sum
chn

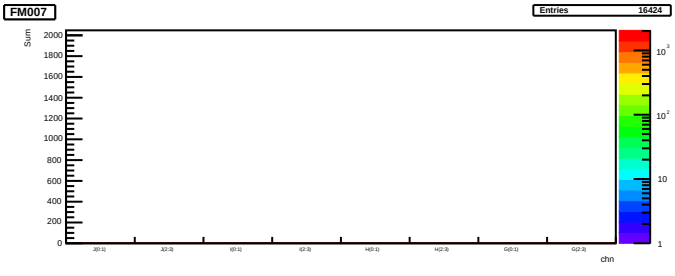

FM002
Entries 16424
Sum
chn

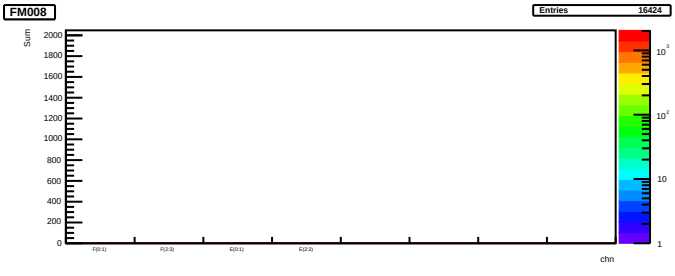

FM003
Entries 16424
Sum
chn

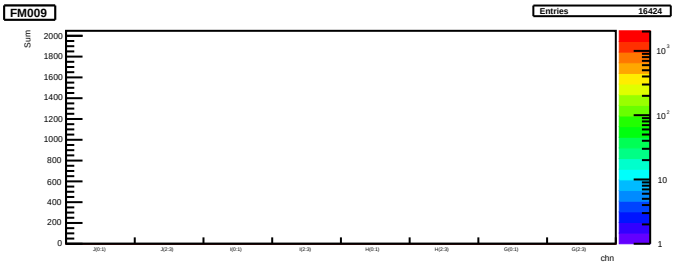

FM004
Entries 16424
Sum
chn

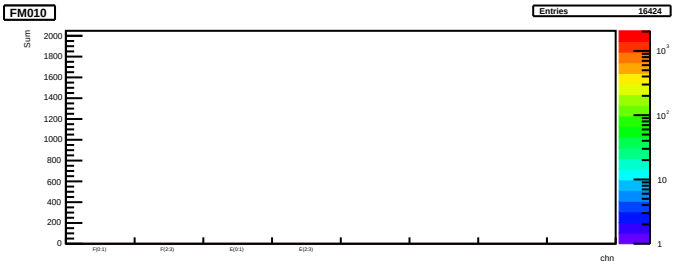

FM005
Entries 16424
Sum
chn

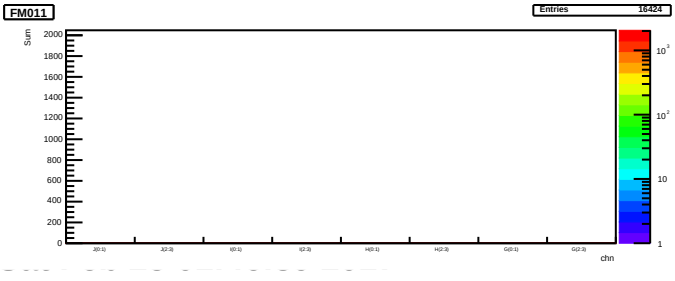

FM006
Entries 16424
Sum
chn

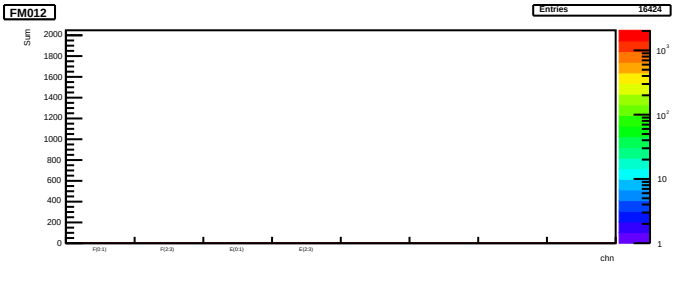

FM007
Entries 16424
Sum
chn

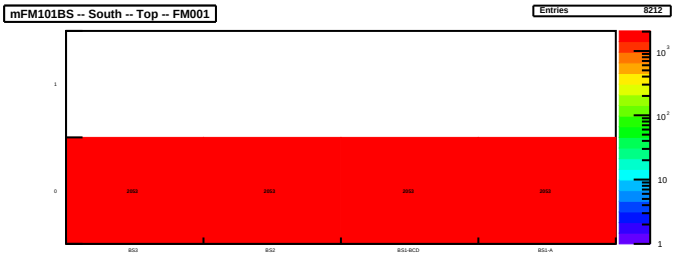

FM008
Entries 16424
Sum
chn

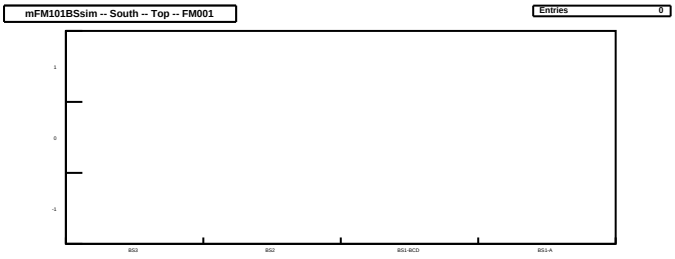

FM009
Entries 16424
Sum
chn

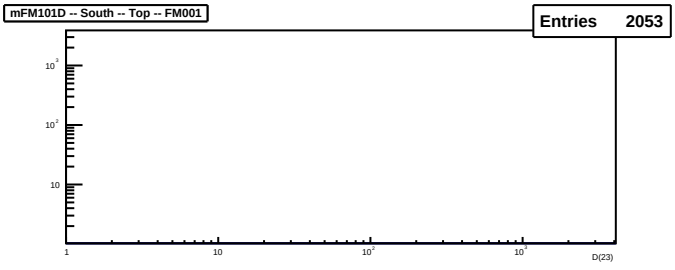

FM010
Entries 16424
Sum
chn

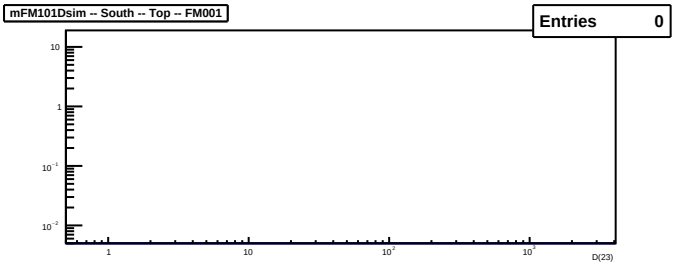

FM011
Entries 16424
Sum
chn

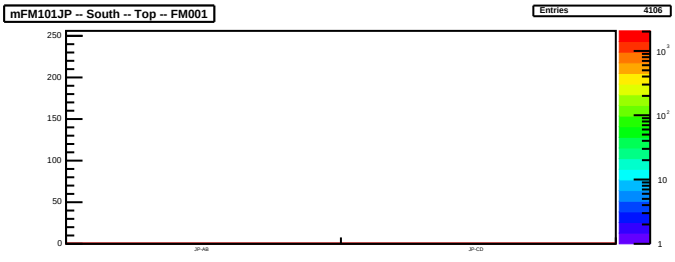

FM012
Entries 16424
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 8212
2053
2053
2053
2053
BS3
BS2
BS1-BCD
BS1-A

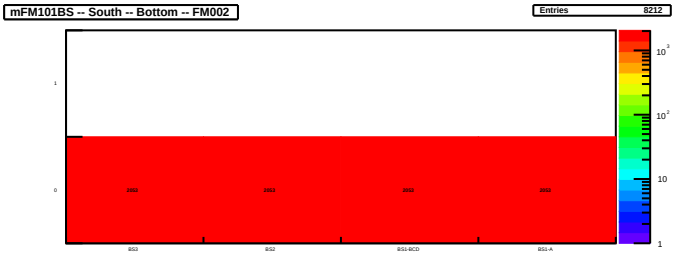

mFM101BSsim -- South -- Top -- FM001
Entries 0
BS3
BS2
BS1-BCD
BS1-A

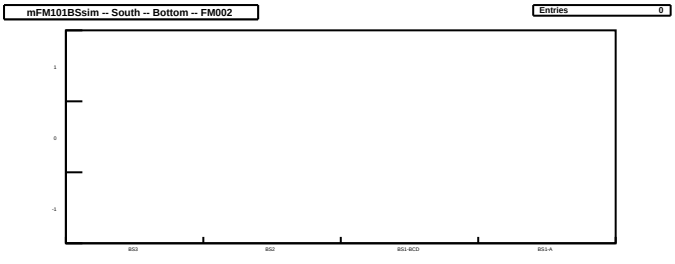

mFM101D -- South -- Top -- FM001
Entries 2053
D(23)

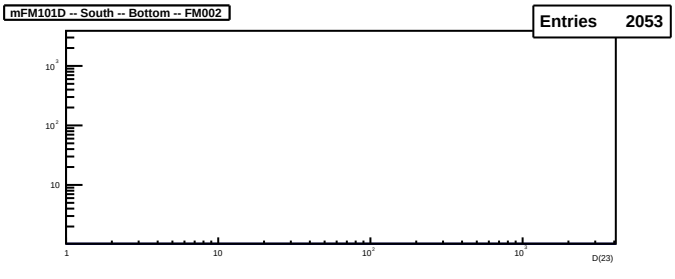

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

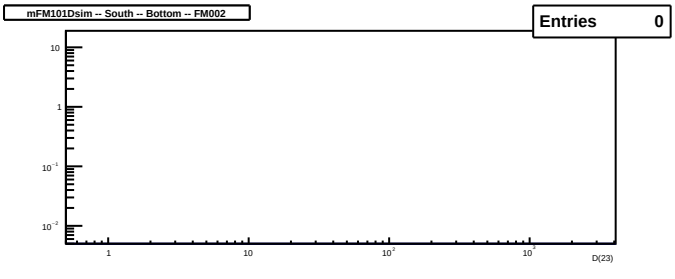

mFM101JP -- South -- Top -- FM001
Entries 4106
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 8212
2053
2053
2053
2053
BS3
BS2
BS1-BCD
BS1-A

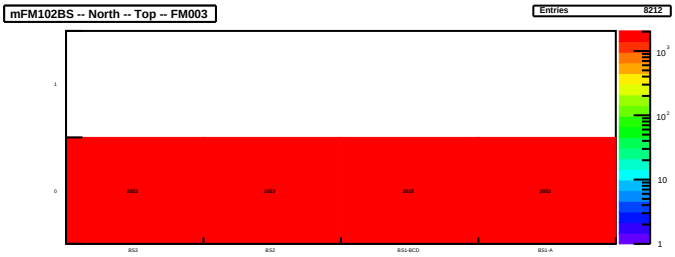

mFM101BSsim -- South -- Bottom -- FM002
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 2053
D(23)

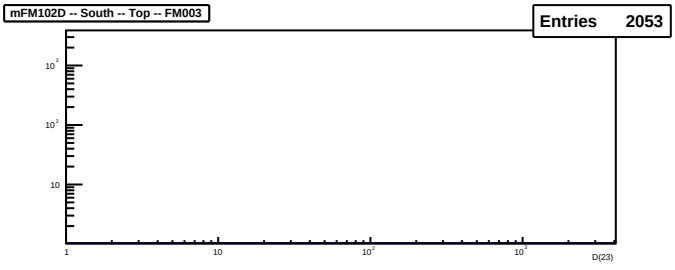

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

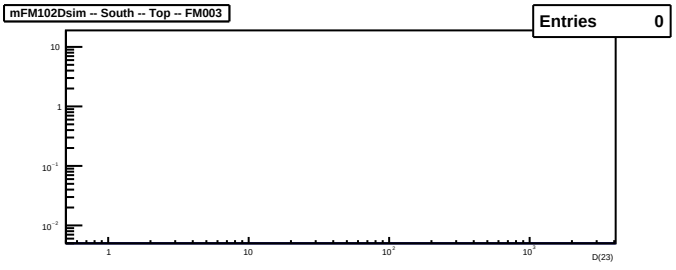
mFM101JP -- South -- Bottom -- FM002
Entries 4106
JP-AB
JP-CD

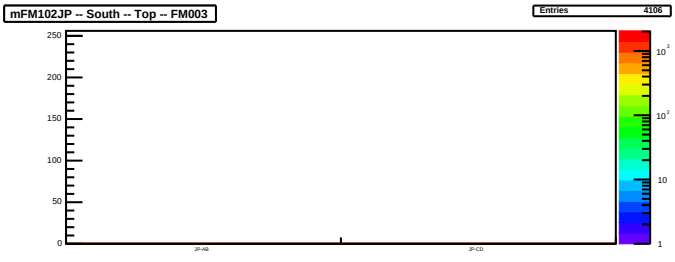
mFM101JPsim -- South -- Bottom -- FM002
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 8212

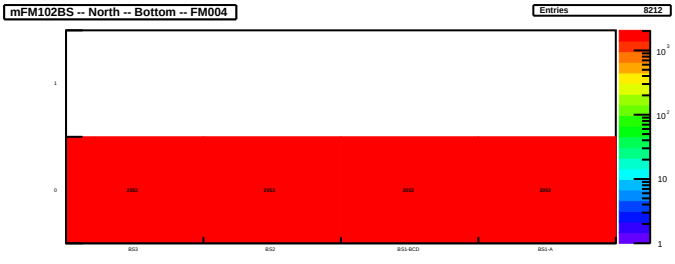
mFM102BSsim -- North -- Top -- FM003
Entries 0

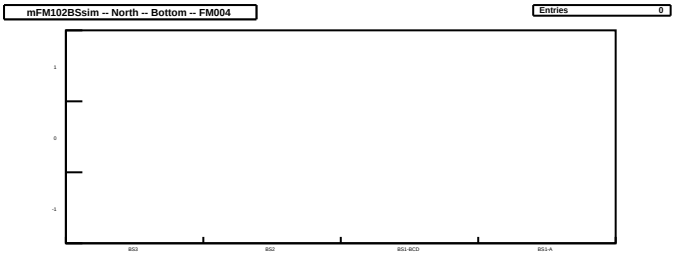

mFM102D -- South -- Top -- FM003
Entries 2053
D(23)

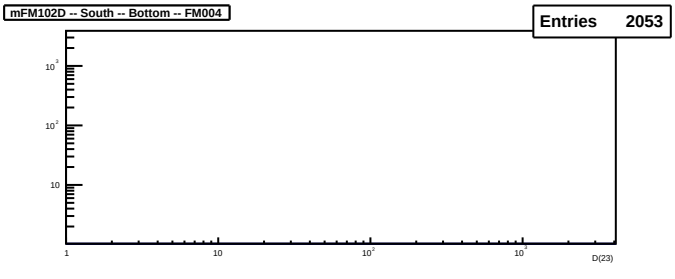

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

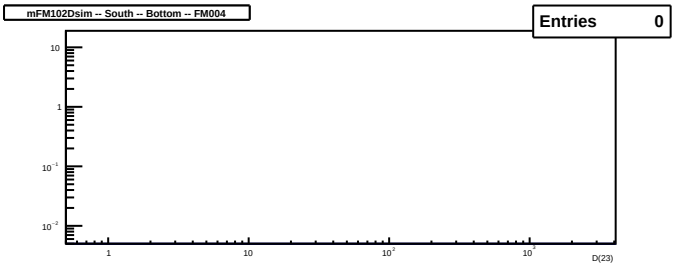

mFM102JP -- South -- Top -- FM003
Entries 4106

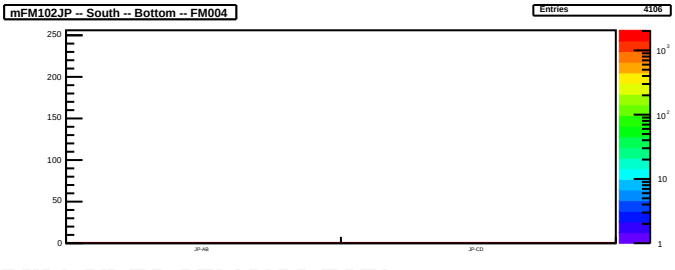
mFM102JPsim -- South -- Top -- FM003
Entries 0

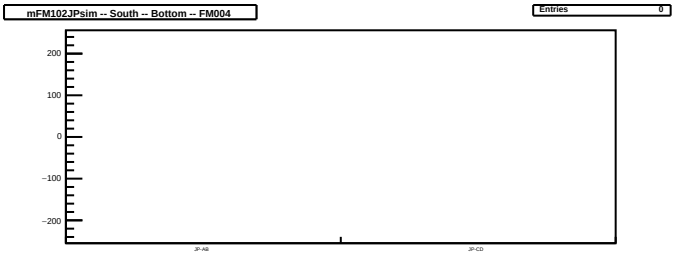

mFM102BS -- North -- Bottom -- FM004
Entries 8212

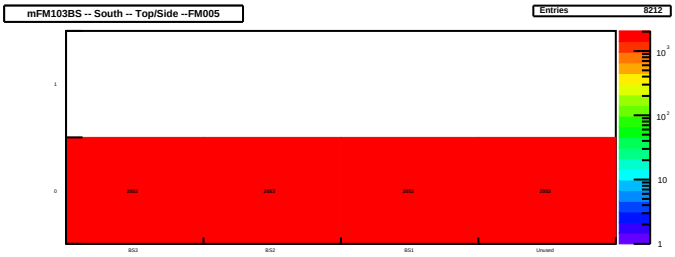

mFM102BSsim -- North -- Bottom -- FM004
Entries 0

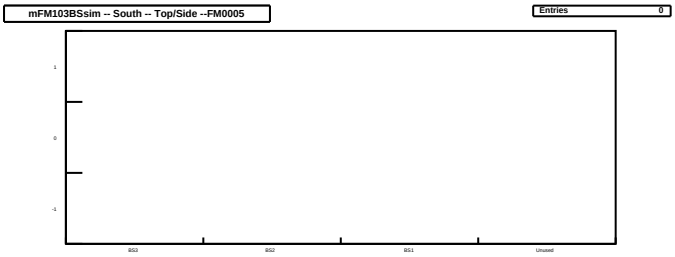

mFM102D -- South -- Bottom -- FM004
Entries 2053
D(23)

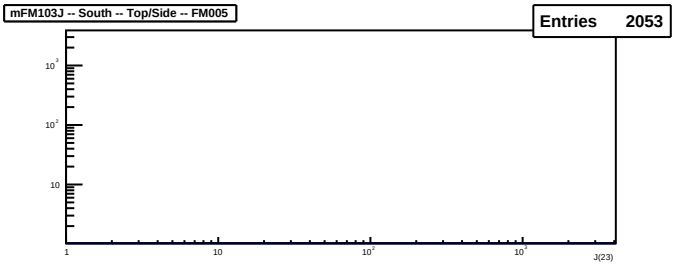

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

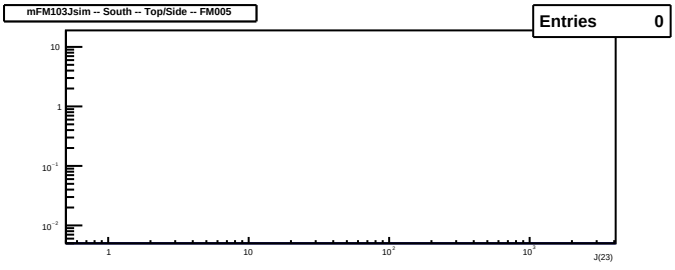

mFM102JP -- South -- Bottom -- FM004
Entries 4106

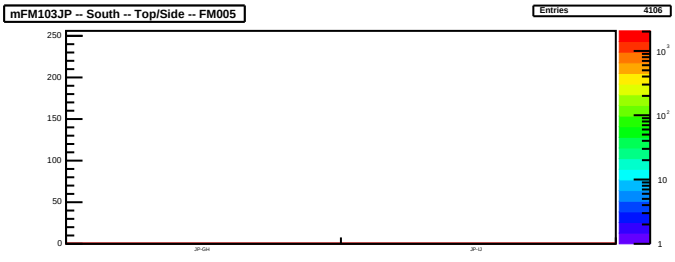

mFM102JPsim -- South -- Bottom -- FM004
Entries 0

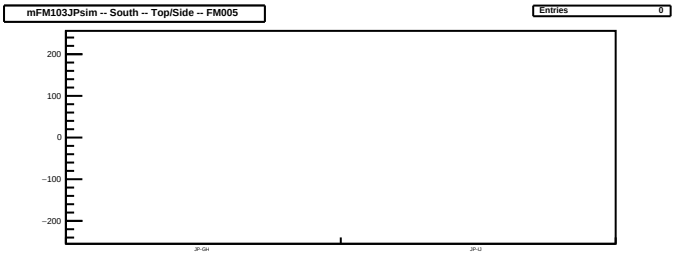

mFM103BS -- South -- Top/Side --FM005
Entries 8212
2051
2053
2052
2053
BS3
BS2
BS1
Unused

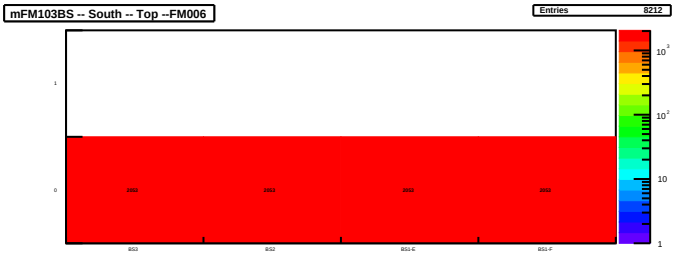

mFM103BSsim -- South -- Top/Side --FM0005
Entries 0
BS3
BS2
BS1
Unused

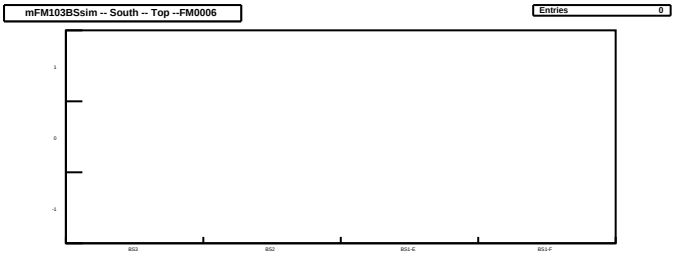

mFM103J -- South -- Top/Side -- FM005
Entries 2053
J(23)

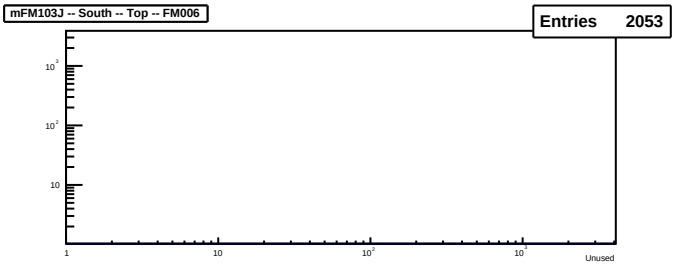

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

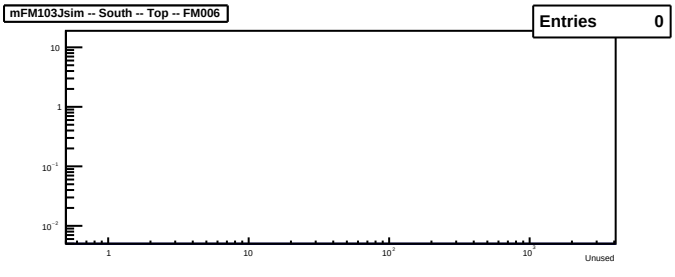

mFM103JP -- South -- Top/Side -- FM005
Entries 4106
JP-GH
JP-U

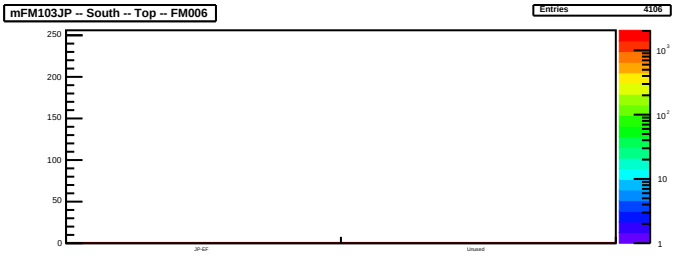

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-U

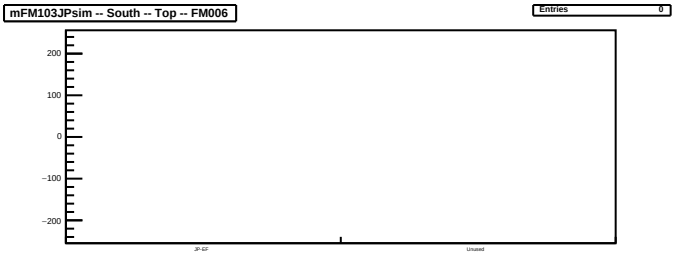

mFM103BS -- South -- Top --FM006
Entries 8212
2051
2053
2052
2053
BS3
BS2
BS1-E
BS1-F

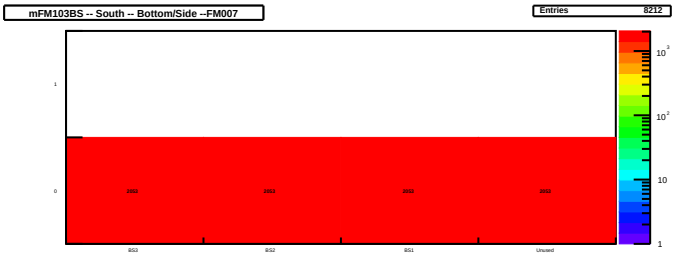

mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F

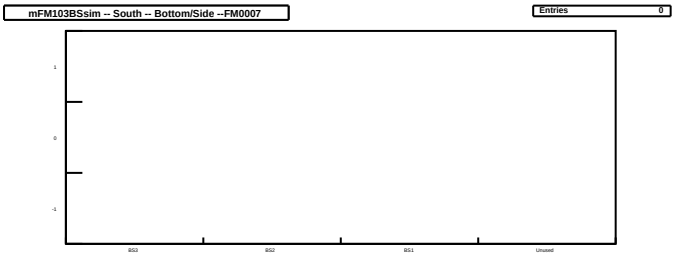

mFM103J -- South -- Top -- FM006
Entries 2053
Unused

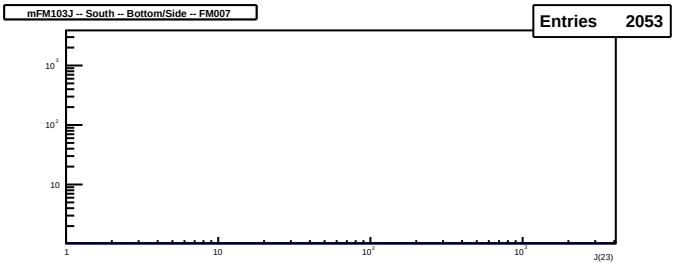

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

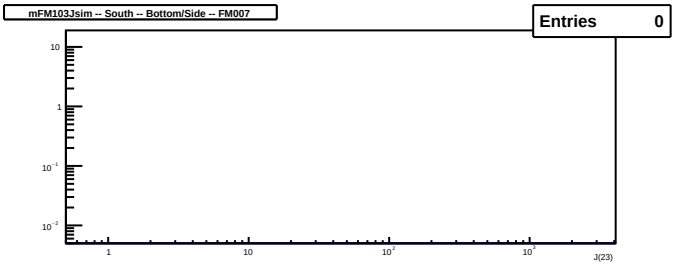

mFM103JP -- South -- Top -- FM006
Entries 4106
JP-EF
Unused

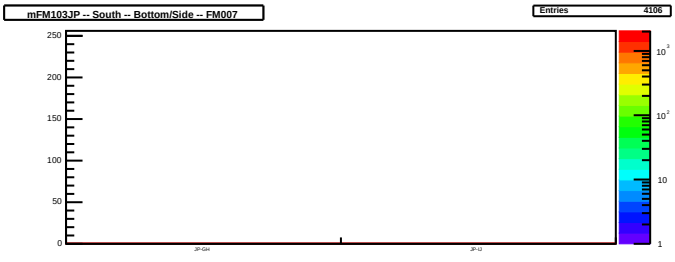

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

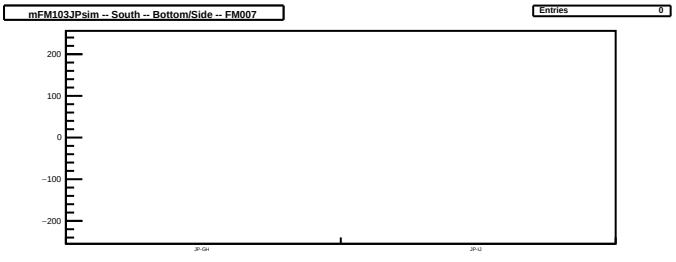

mFM103BS -- South -- Bottom/Side --FM007
Entries 8212
2051
2053
2052
2053
BS3
BS2
BS1
Unused

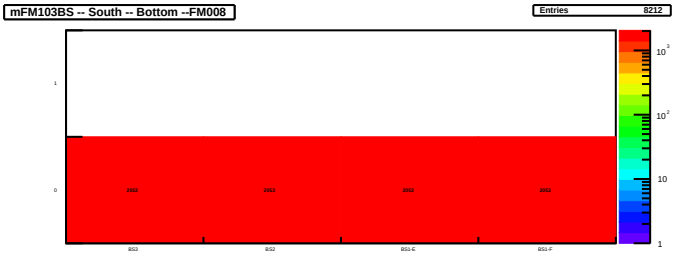

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 0
BS3
BS2
BS1
Unused

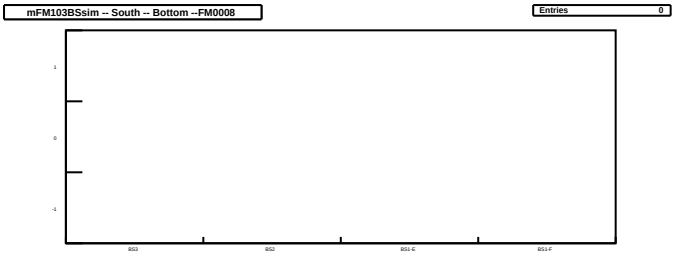

mFM103J -- South -- Bottom/Side -- FM007
Entries 2053
J(23)

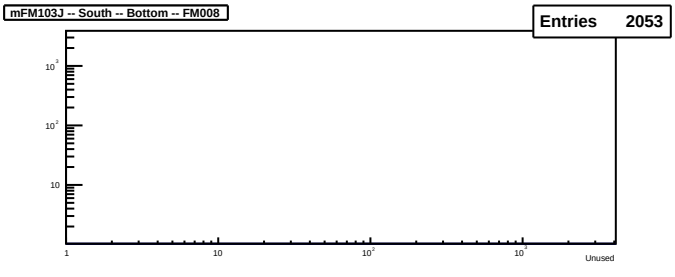

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

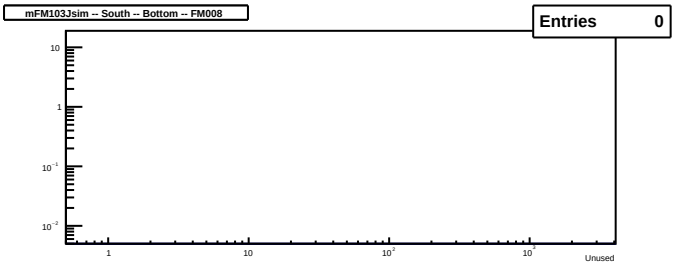

mFM103JP -- South -- Bottom/Side -- FM007
Entries 4106
JP-GH
JP-IJ

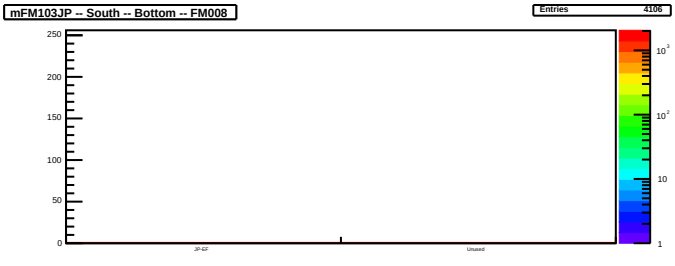

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ

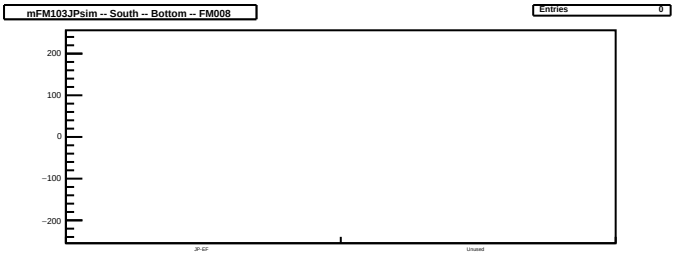

mFM103BS -- South -- Bottom --FM008
Entries 8212
2051
2053
2052
2053
BS3
BS2
BS1-E
BS1-F

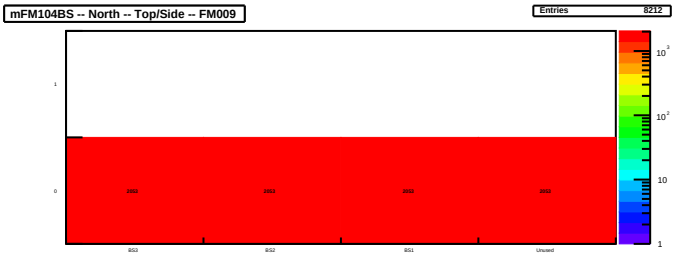

mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F

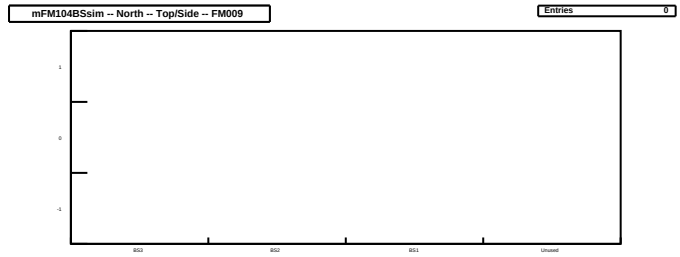

mFM103J -- South -- Bottom -- FM008
Entries 2053
Unused

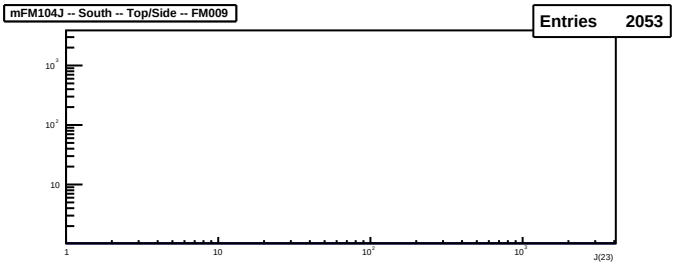

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

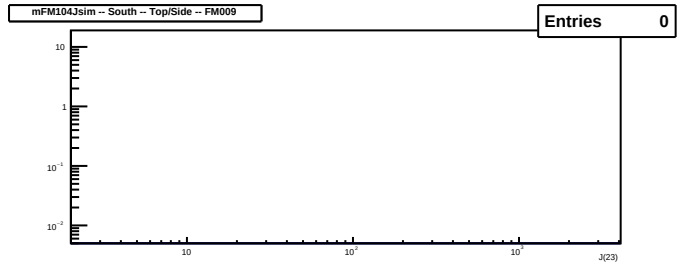

mFM103JP -- South -- Bottom -- FM008
Entries 4106
JP-EF
Unused

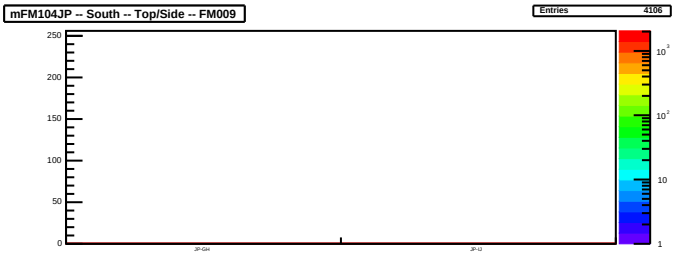

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 8212
2051
2053
2052
2053
BS3
BS2
BS1
Unused

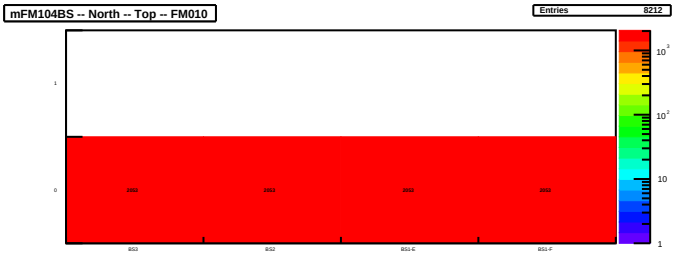

mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused

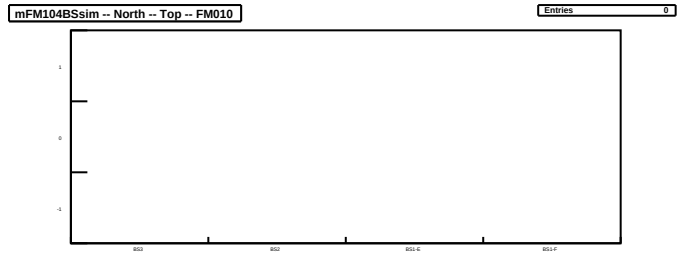

mFM104J -- South -- Top/Side -- FM009
Entries 2053
J(23)

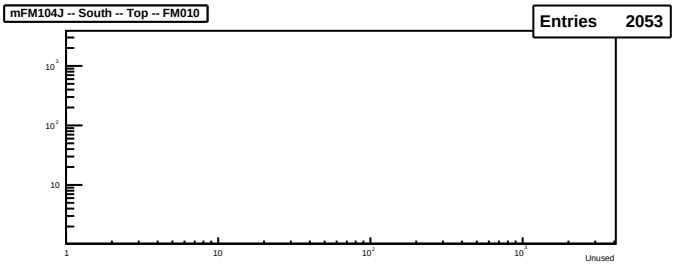

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

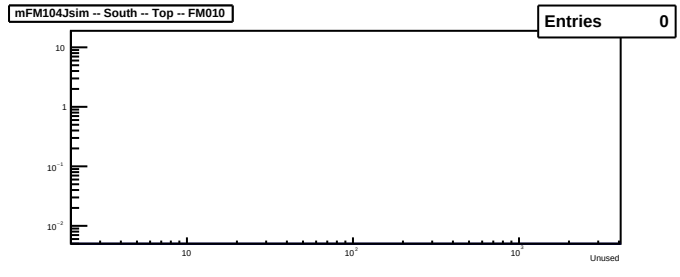

mFM104JP -- South -- Top/Side -- FM009
Entries 4106
JP-GH
JP-U

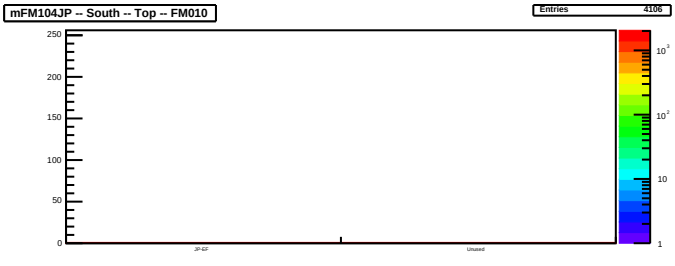
mFM104JPsim -- South -- Top/Side -- FM009
Entries 0
JP-GH
JP-U


mFM104BS -- North -- Top -- FM010
Entries 8212
2051
2053
2052
2053
BS3
BS2
BS1-E
BS1-F

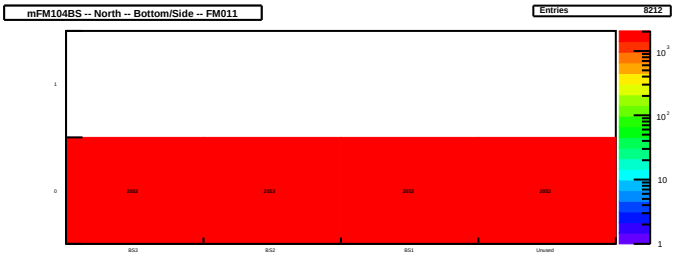

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

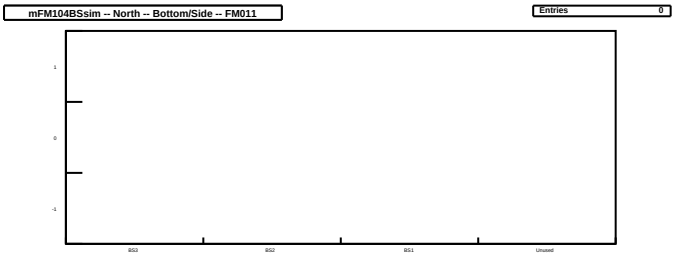

mFM104J -- South -- Top -- FM010
Entries 2053
Unused

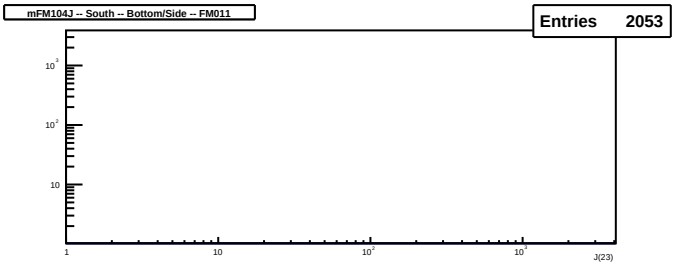

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

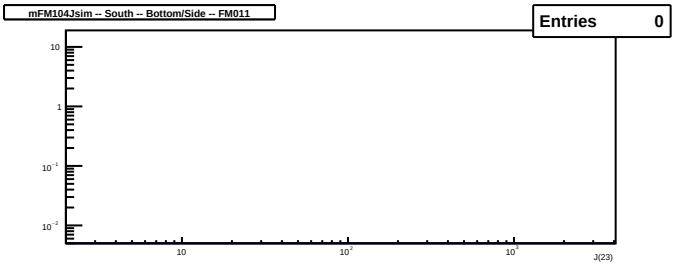

mFM104JP -- South -- Top -- FM010
Entries 4106
JP-EF
Unused

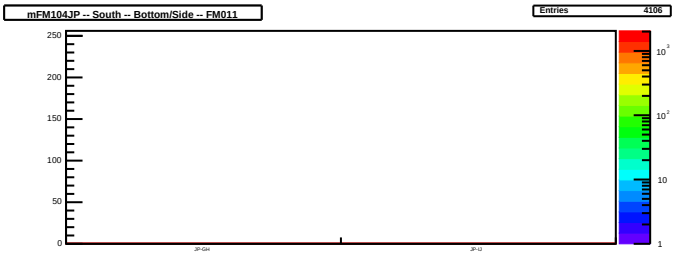
mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

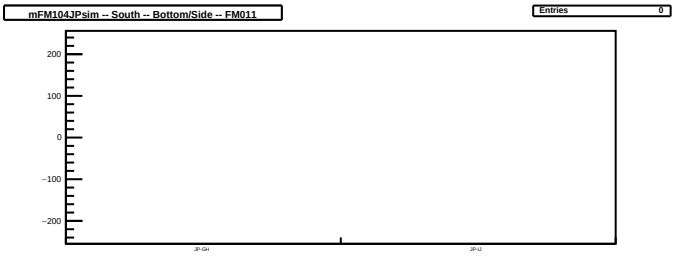

mFM104BS -- North -- Bottom/Side -- FM011
Entries 8212
2051
2053
2052
2053
BS3
BS2
BS1
Unused

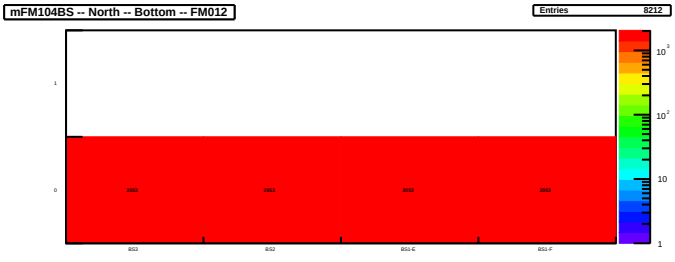

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

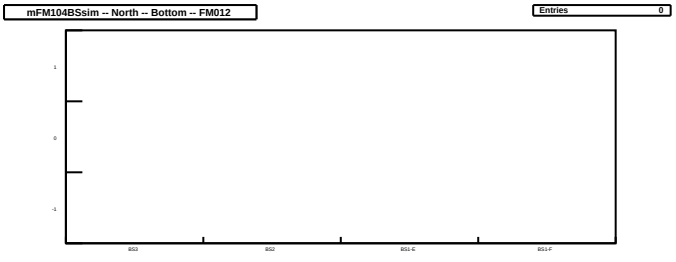

mFM104J -- South -- Bottom/Side -- FM011
Entries 2053
J(23)

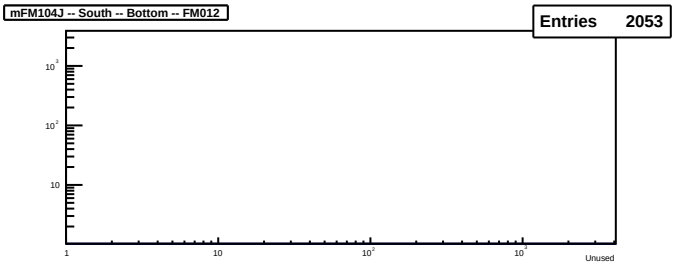

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

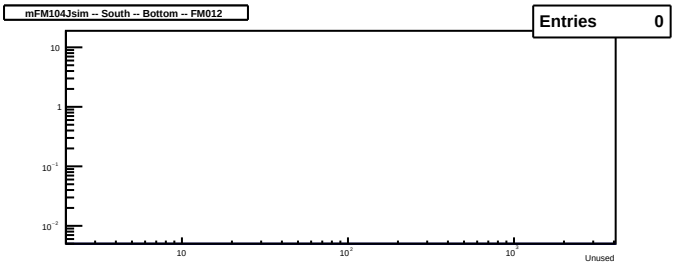

mFM104JP -- South -- Bottom/Side -- FM011
Entries 4106
JP-GH
JP-U


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


mFM104BS -- North -- Bottom -- FM012
Entries 8212
2051
2053
2052
2053
BS3
BS2
BS1-E
BS1-F

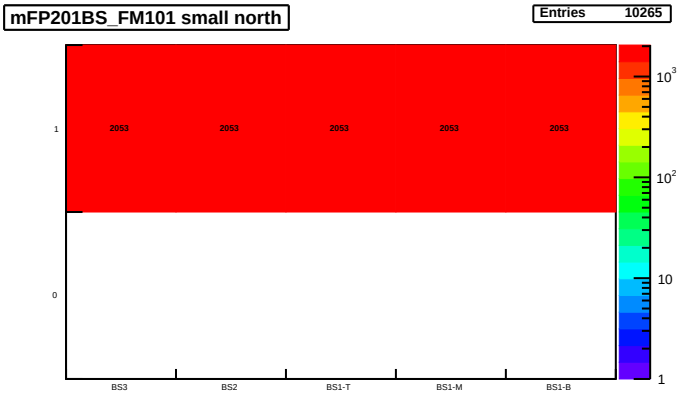

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

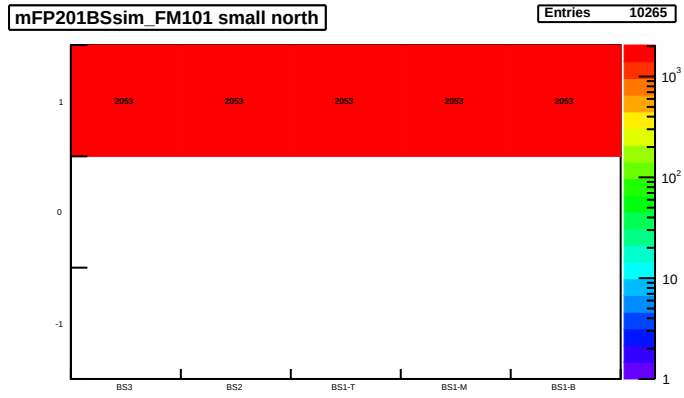

mFM104J -- South -- Bottom -- FM012
Entries 2053
Unused

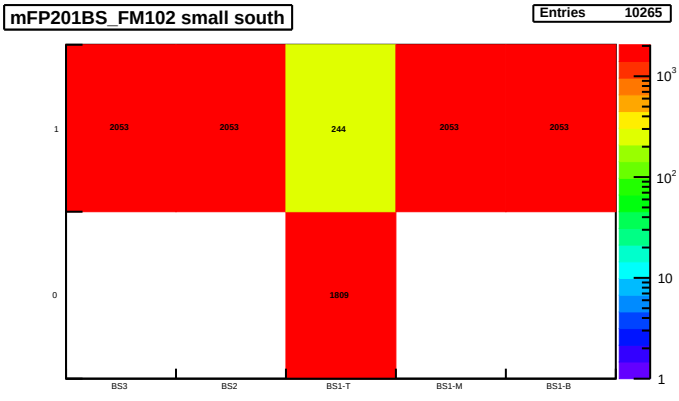

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

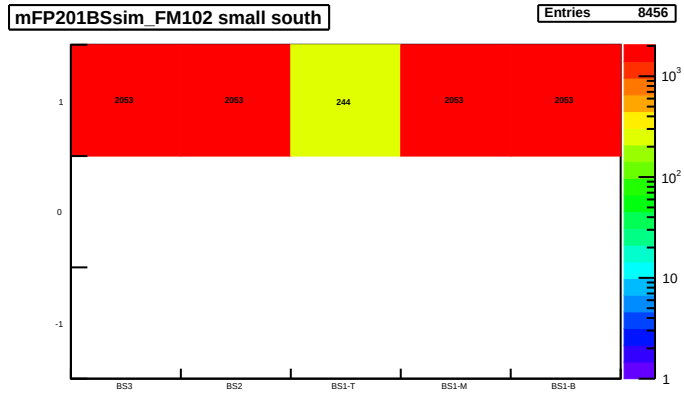
mFM104JP -- South -- Bottom -- FM012
Entries 4106
JP-EF
Unused

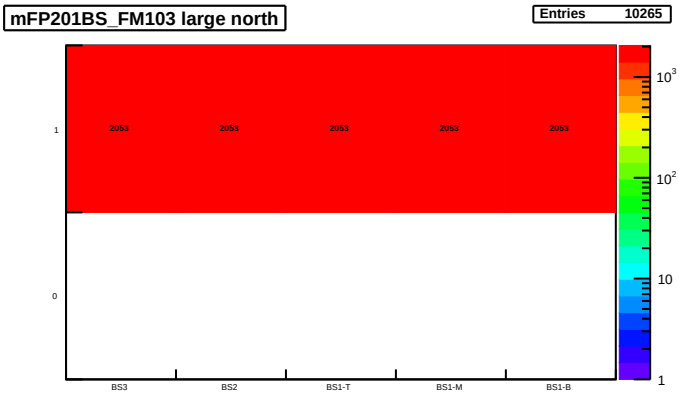
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

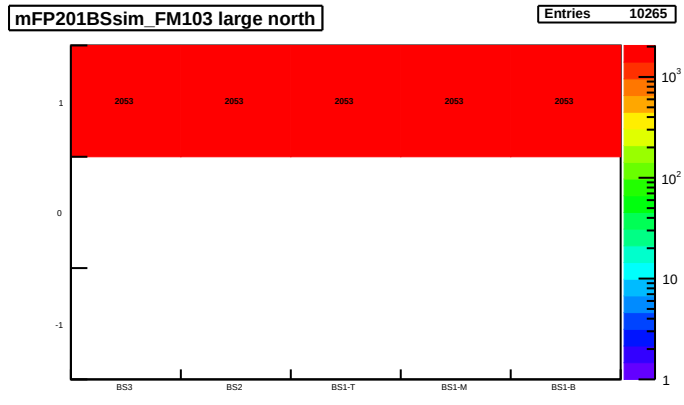

mFP201BS_FM101 small north
Entries 10265
2053
BS3
BS2
BS1-T
BS1-M
BS1-B

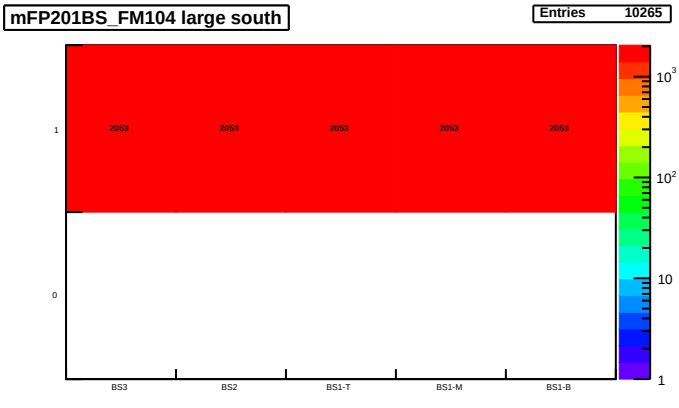

mFP201BSsim_FM101 small north
Entries 10265
2053
BS3
BS2
BS1-T
BS1-M
BS1-B

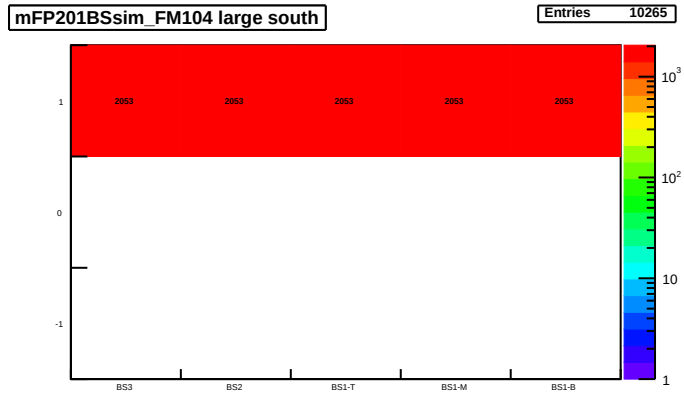

mFP201BS_FM102 small south
Entries 10265
2053
244
1809
BS3
BS2
BS1-T
BS1-M
BS1-B

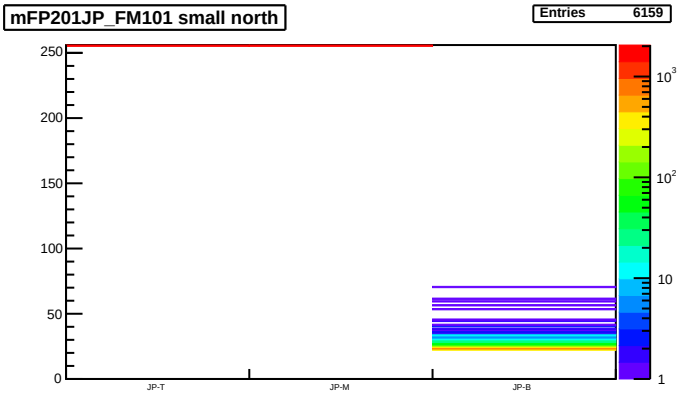

mFP201BSsim_FM102 small south
Entries 8456
2053
244
BS3
BS2
BS1-T
BS1-M
BS1-B

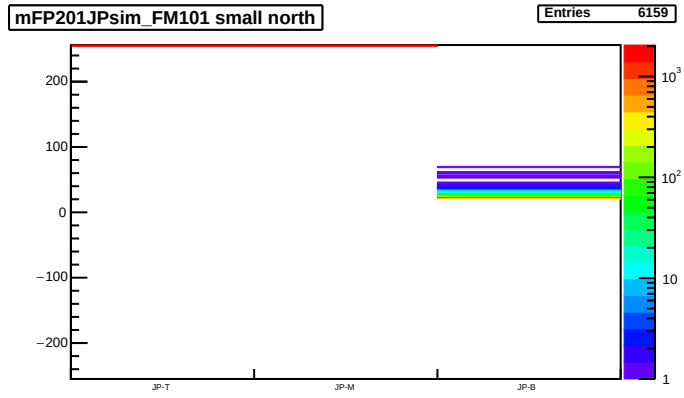

mFP201BS_FM103 large north
Entries 10265
2053
BS3
BS2
BS1-T
BS1-M
BS1-B

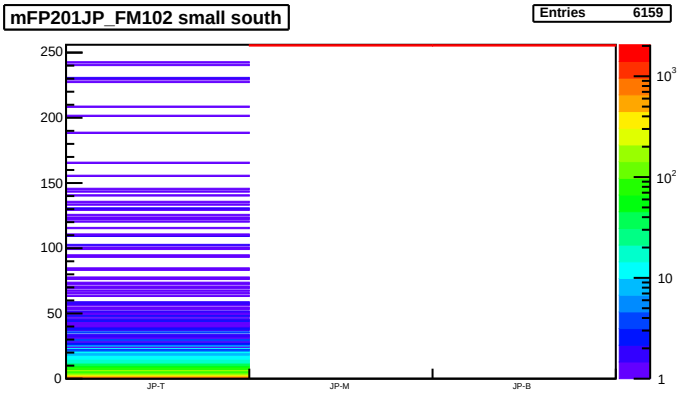

mFP201BSsim_FM103 large north
Entries 10265
2053
BS3
BS2
BS1-T
BS1-M
BS1-B

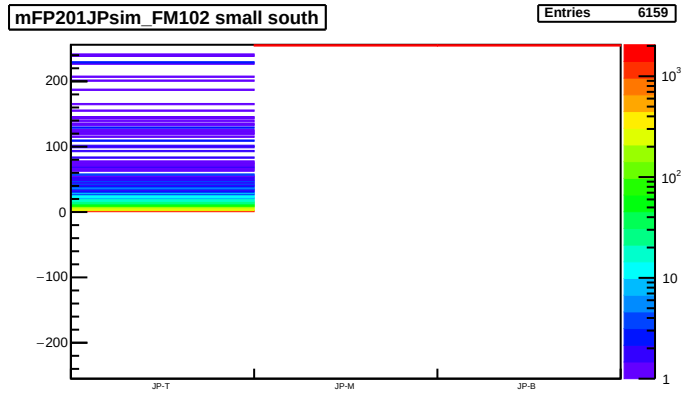

mFP201BS_FM104 large south
Entries 10265
2053
BS3
BS2
BS1-T
BS1-M
BS1-B

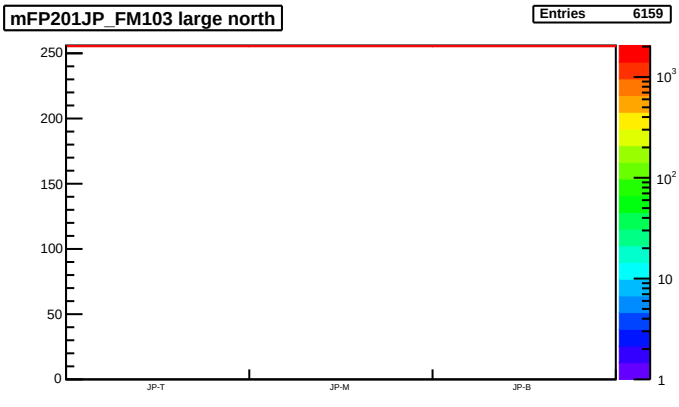

mFP201BSsim_FM104 large south
Entries 10265
2053
BS3
BS2
BS1-T
BS1-M
BS1-B

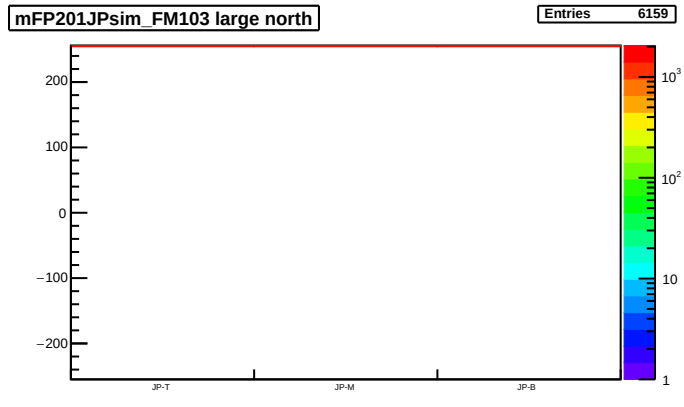

mFP201JP_FM101 small north
Entries 6159
JP-T
JP-M
JP-B

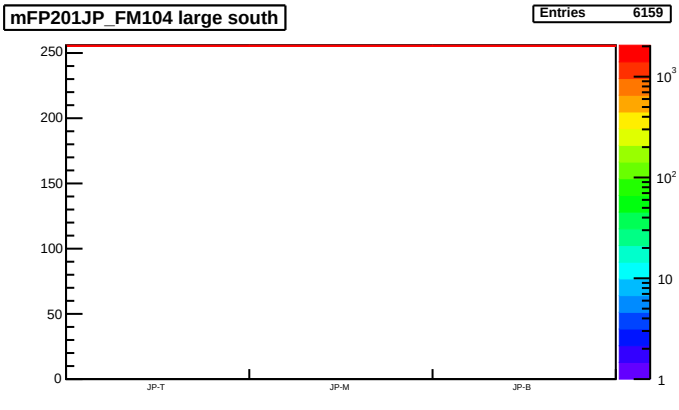

mFP201JPsim_FM101 small north
Entries 6159
JP-T
JP-M
JP-B

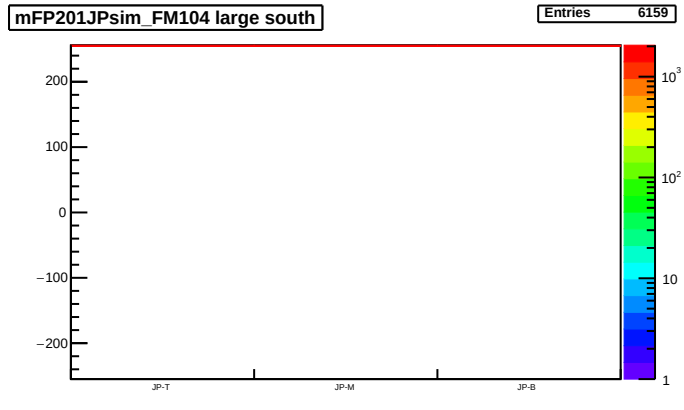

mFP201JP_FM102 small south
Entries 6159
JP-T
JP-M
JP-B

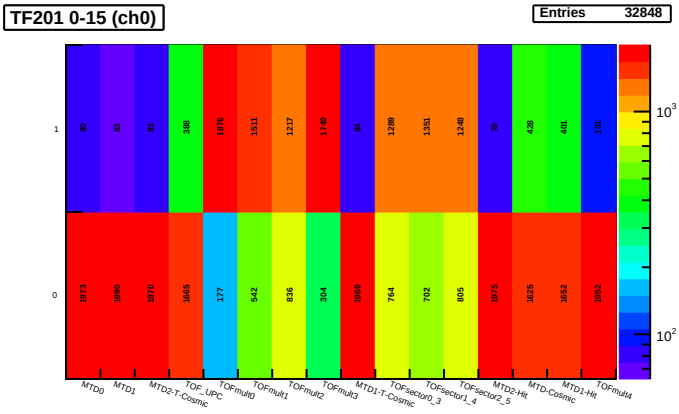

mFP201JPsim_FM102 small south
Entries 6159
JP-T
JP-M
JP-B

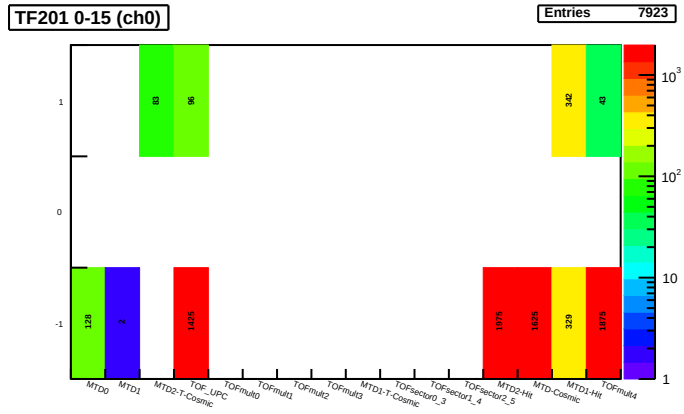

mFP201JP_FM103 large north
Entries 6159
JP-T
JP-M
JP-B

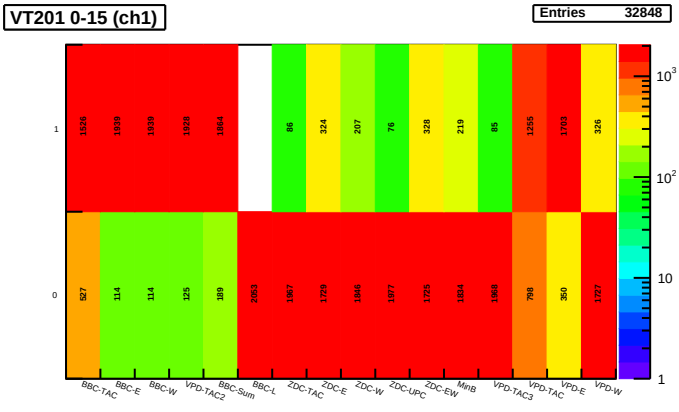

mFP201JPsim_FM103 large north
Entries 6159
JP-T
JP-M
JP-B

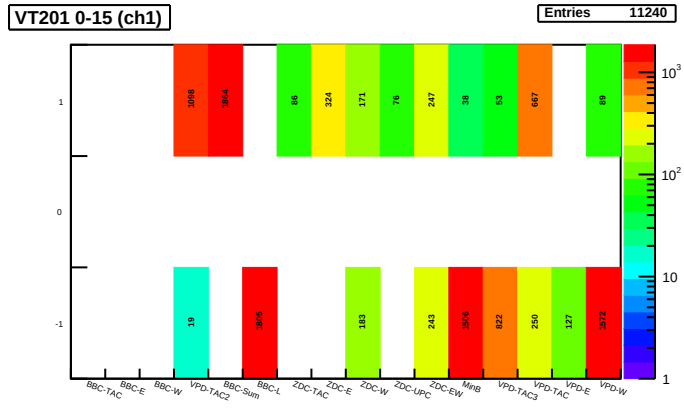

mFP201JP_FM104 large south
Entries 6159
JP-T
JP-M
JP-B

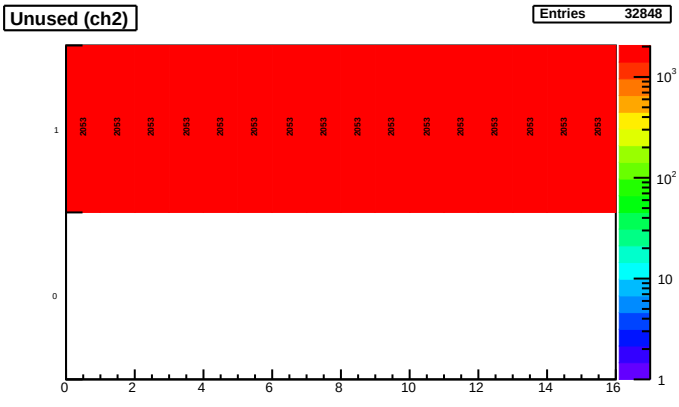

mFP201JPsim_FM104 large south
Entries 6159
JP-T
JP-M
JP-B

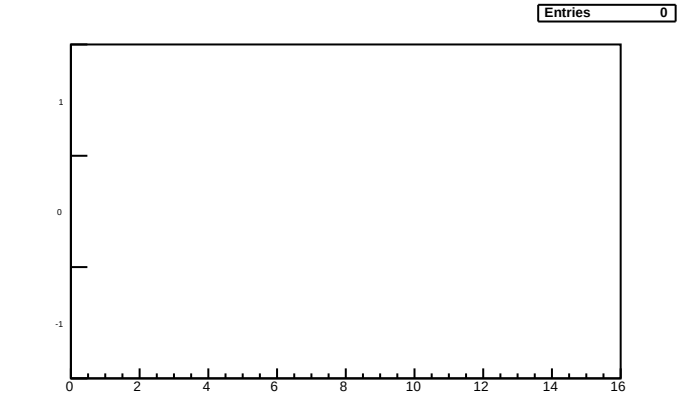

TF201 0-15 (ch0)
Entries 32848
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

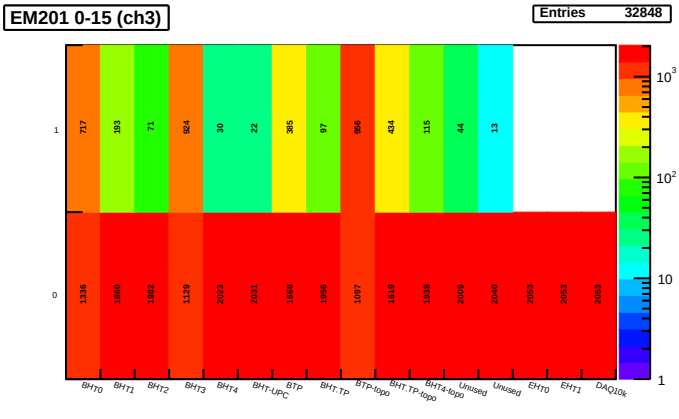

TF201 0-15 (ch0)
Entries 7923
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

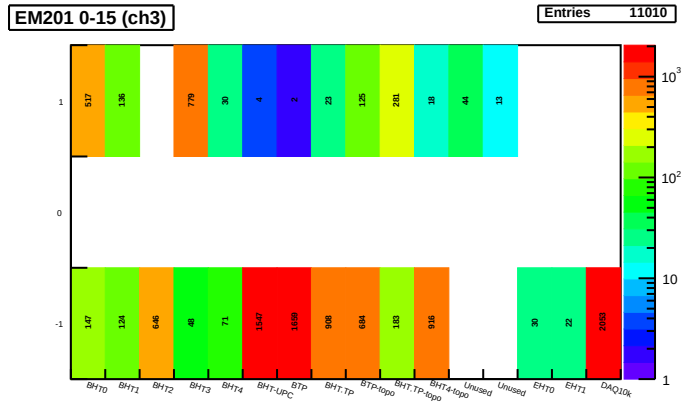

VT201 0-15 (ch1)
Entries 32848
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W


VT201 0-15 (ch1)
Entries 11240
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

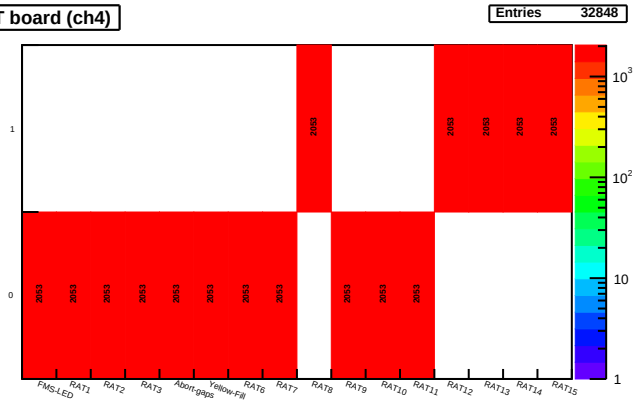

Unused (ch2)
Entries 32848

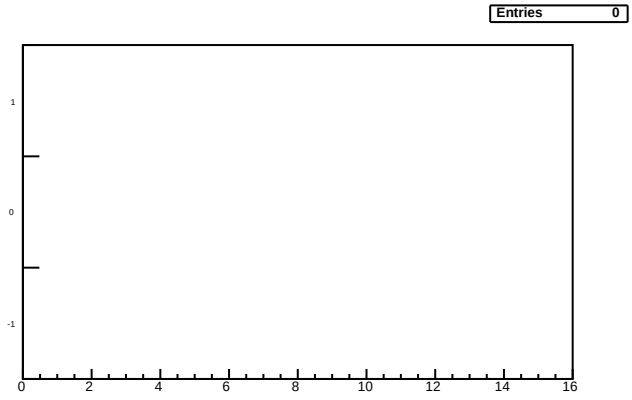

Entries 0


EM201 0-15 (ch3)
Entries 32848
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

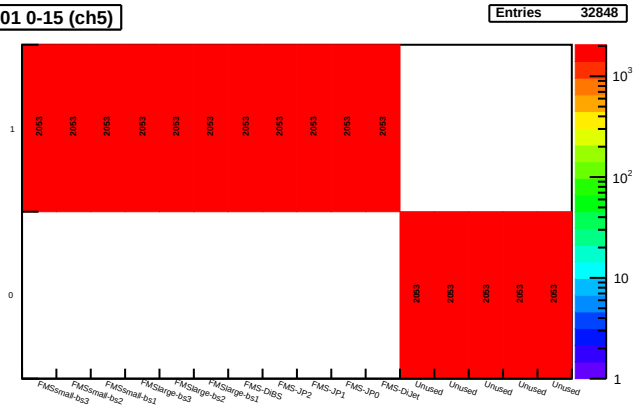

EM201 0-15 (ch3)
Entries 11010
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

RAT board (ch4)

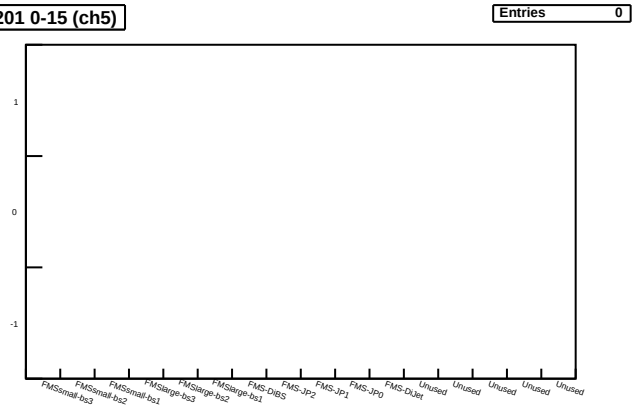




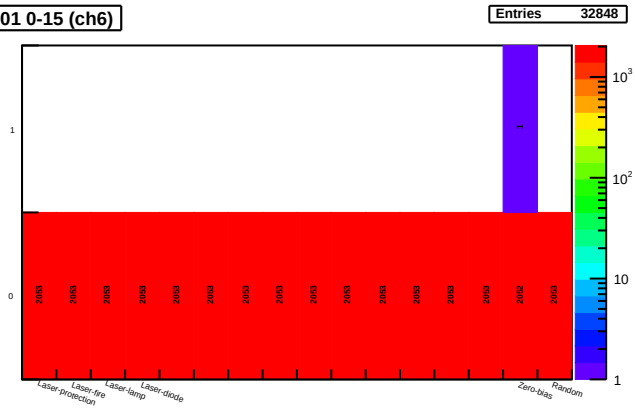
FP201 0-15 (ch5)

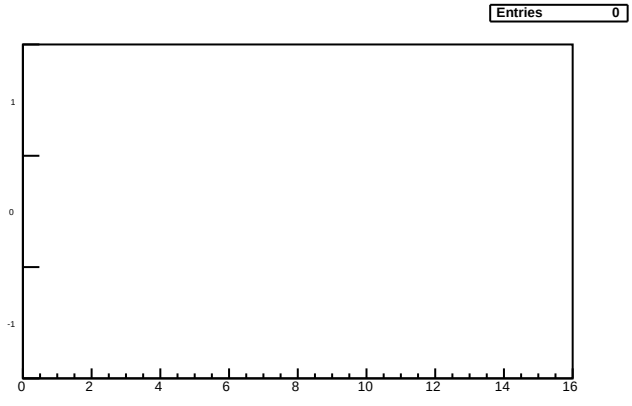
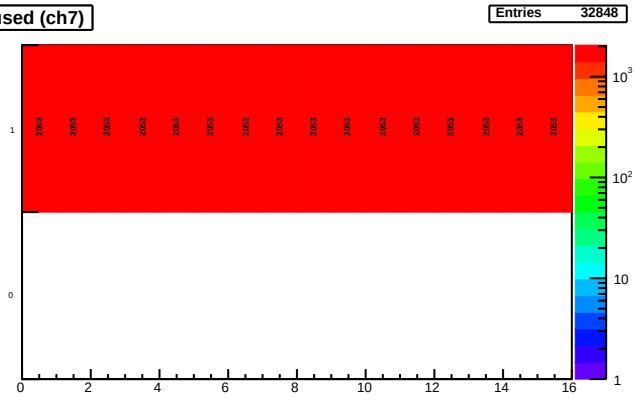
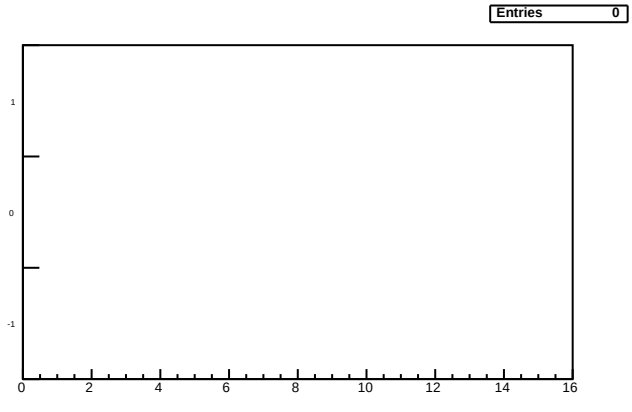


FP201 0-15 (ch5)



ST201 0-15 (ch6)





Unused (ch7)