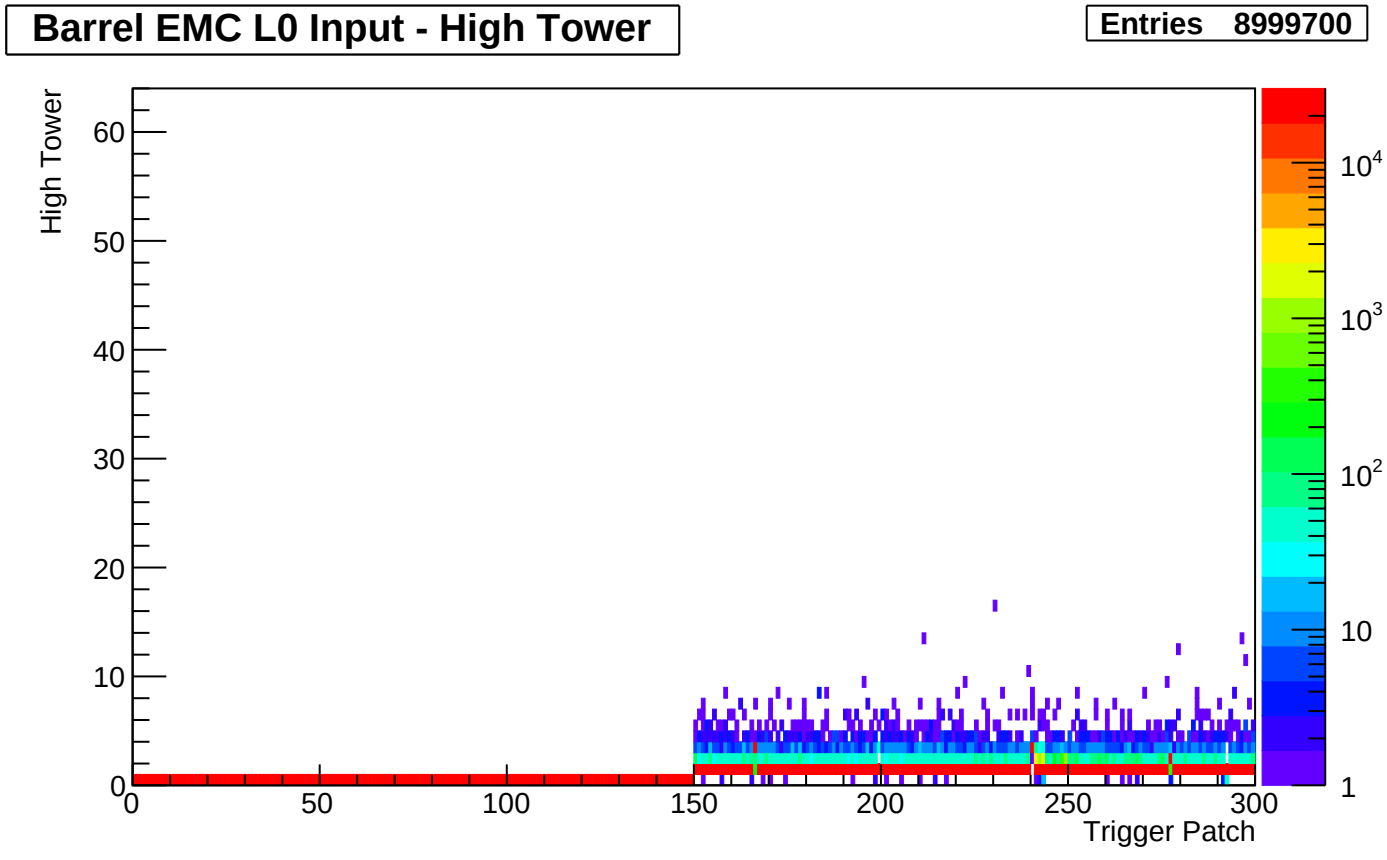
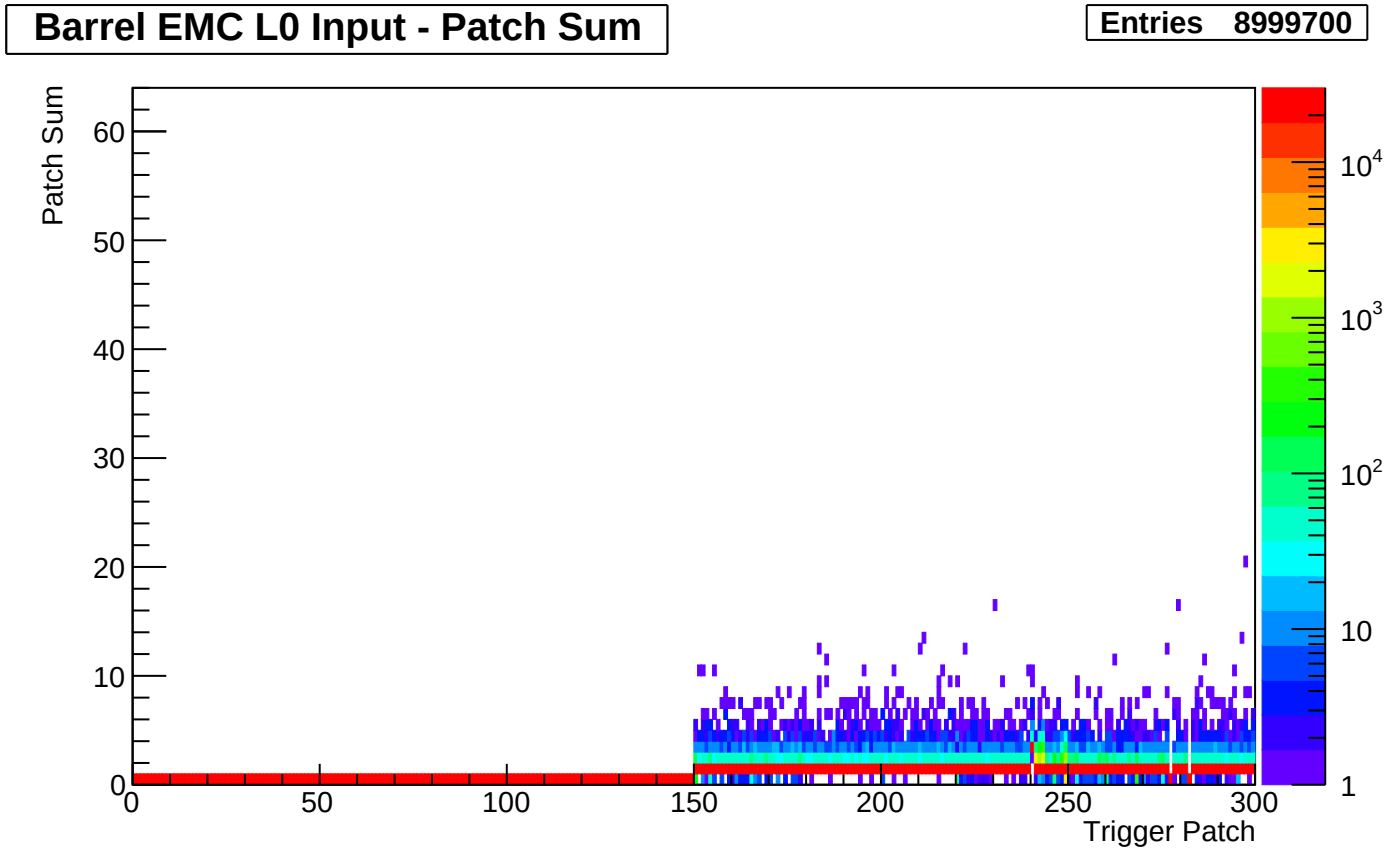
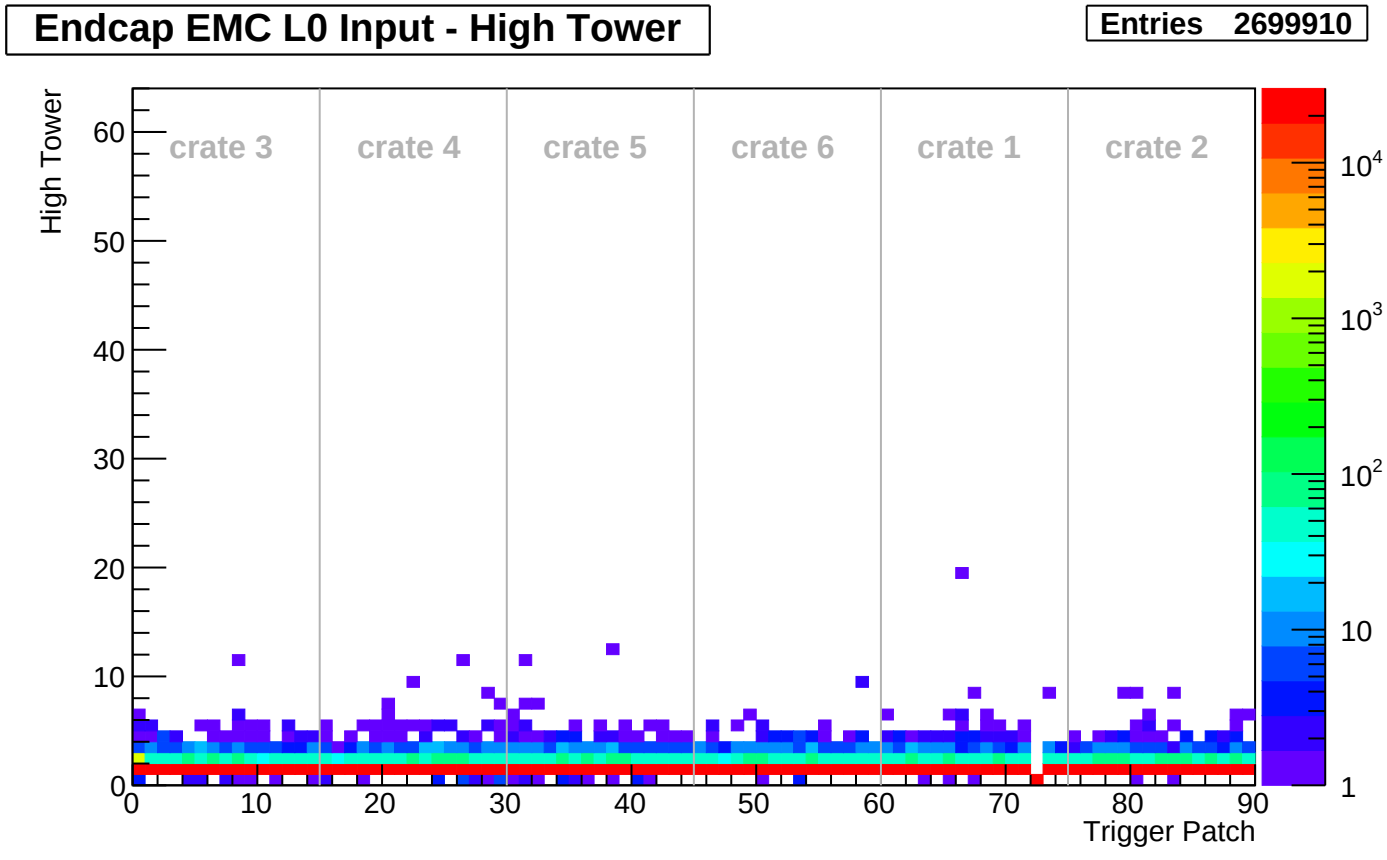
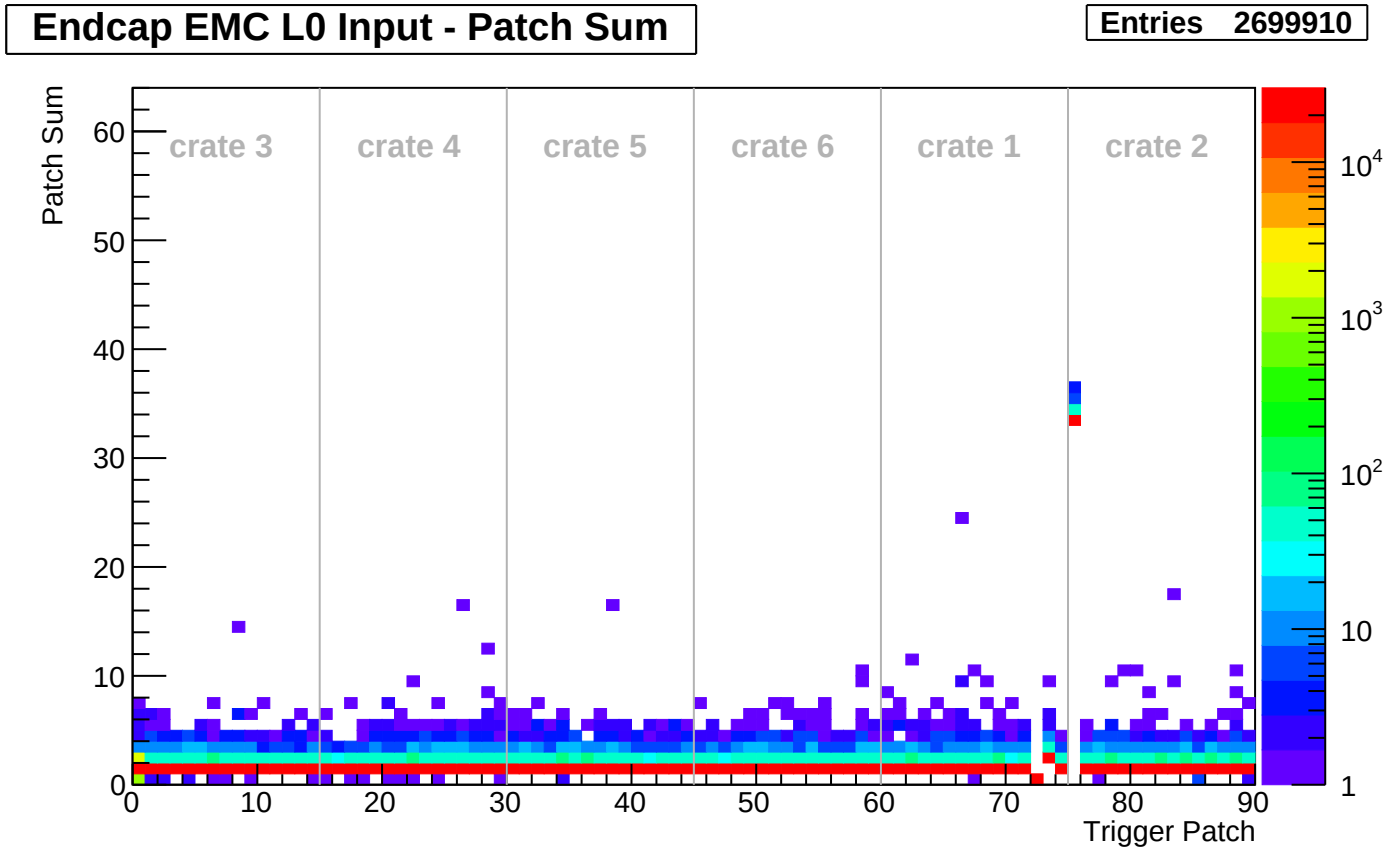
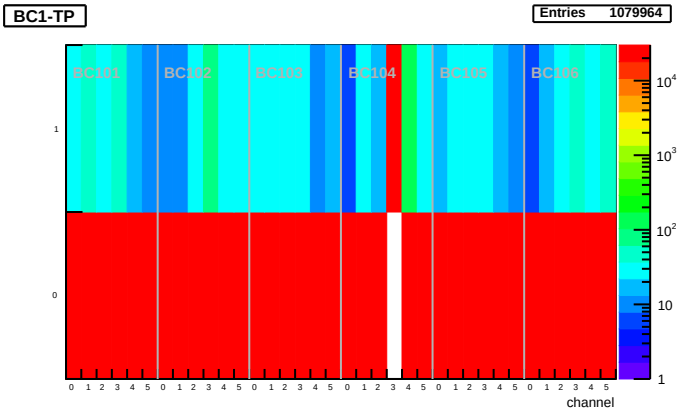
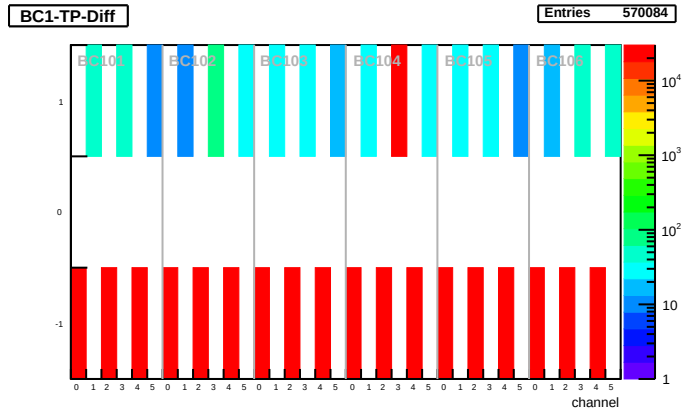

Barrel EMC L0 Input - High Tower
Entries 8999700
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

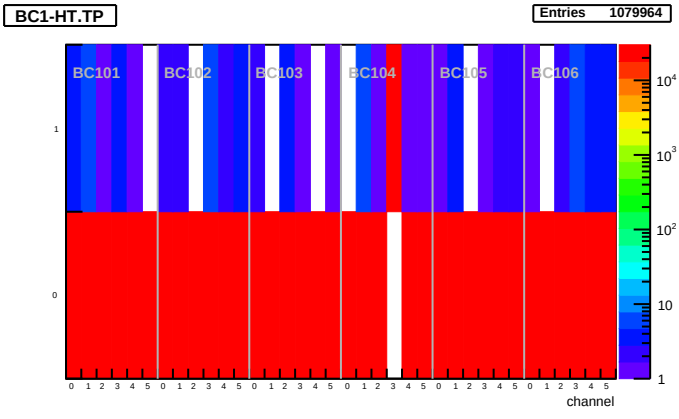

Barrel EMC L0 Input - Patch Sum
Entries 8999700
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

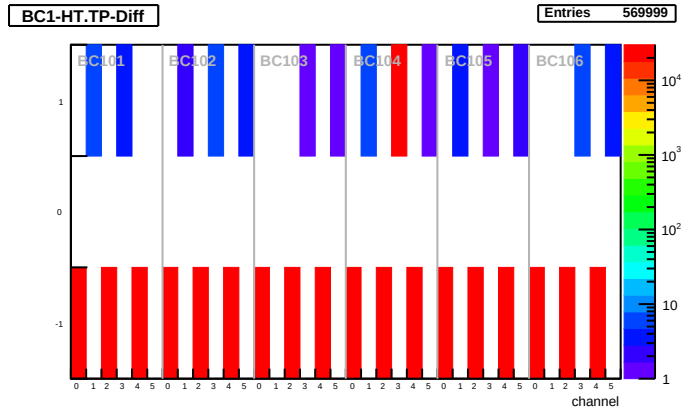

Endcap EMC L0 Input - High Tower
Entries 2699910
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

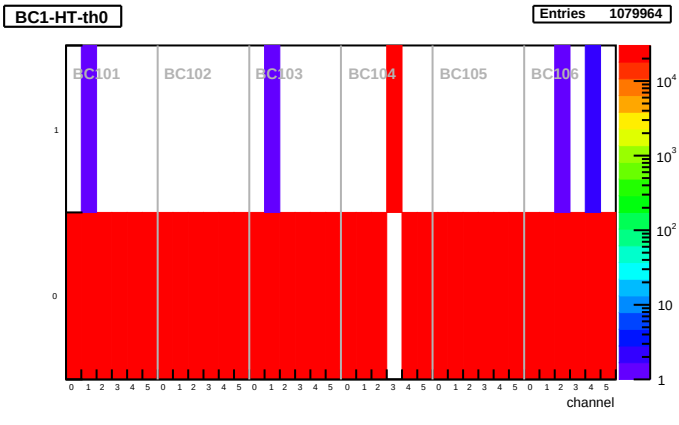

Endcap EMC L0 Input - Patch Sum
Entries 2699910
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

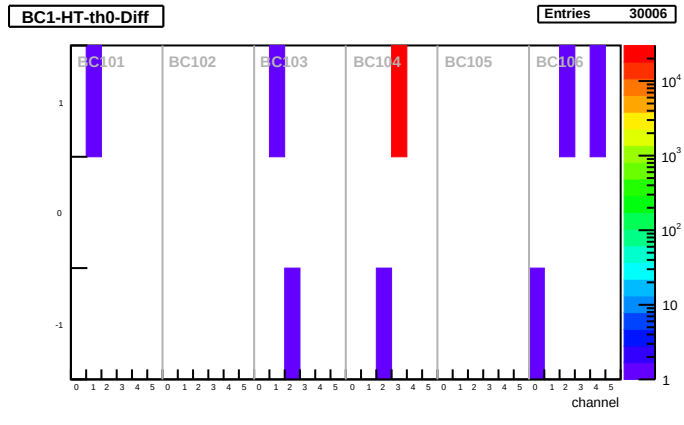

BC1-TP
Entries 1079964
BC101
BC102
BC103
BC104
BC105
BC106
channel

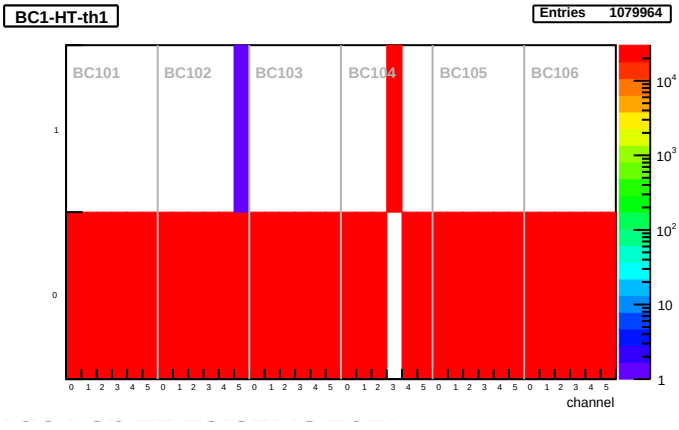

BC1-TP-Diff
Entries 570084
BC101
BC102
BC103
BC104
BC105
BC106
channel

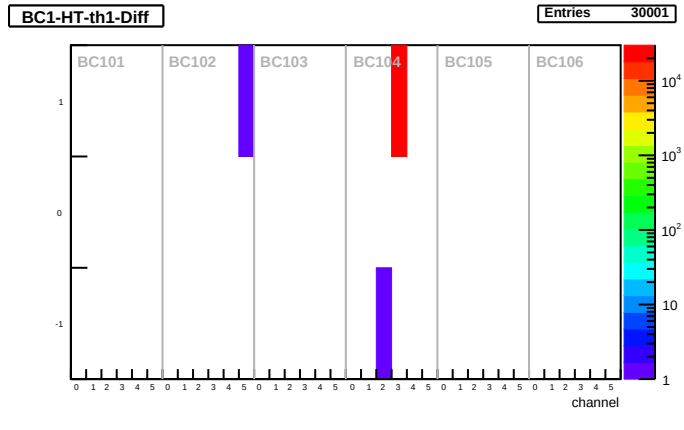

BC1-HT.TP
Entries 1079964
BC101
BC102
BC103
BC104
BC105
BC106
channel

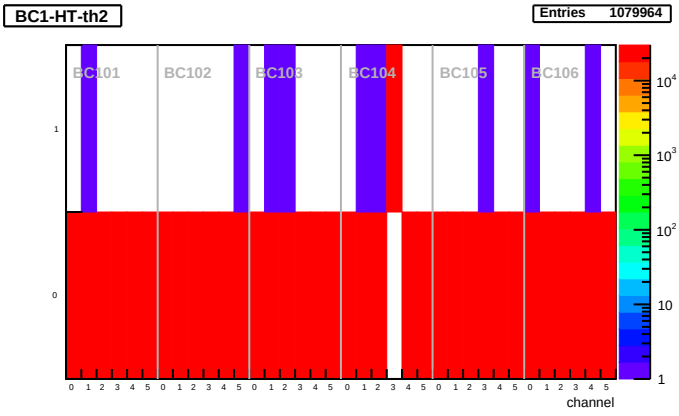

BC1-HT.TP-Diff
Entries 569999
BC101
BC102
BC103
BC104
BC105
BC106
channel

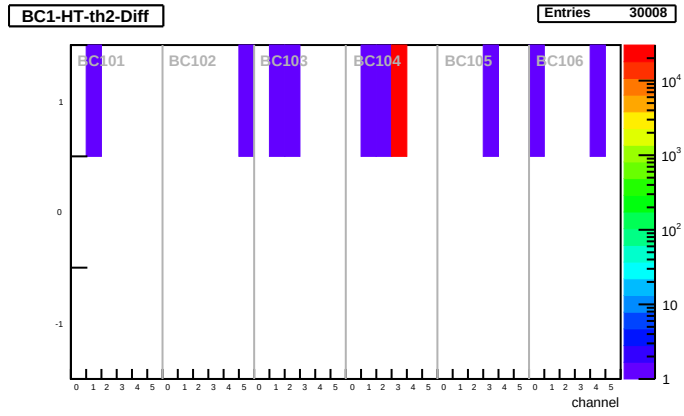

BC1-HT-th0
Entries 1079964
BC101
BC102
BC103
BC104
BC105
BC106
channel

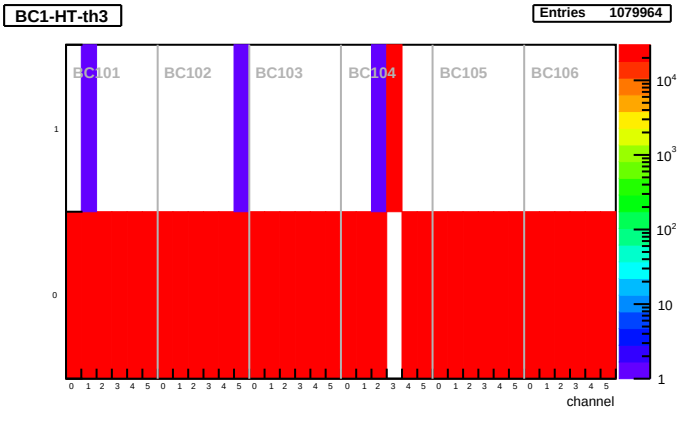

BC1-HT-th0-Diff
Entries 30006
BC101
BC102
BC103
BC104
BC105
BC106
channel

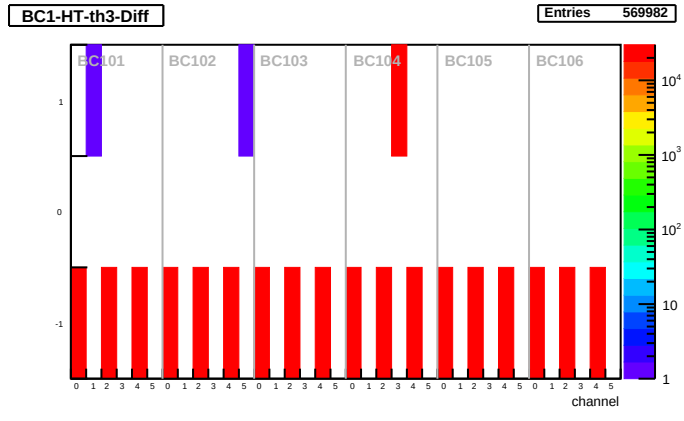

BC1-HT-th1
Entries 1079964
BC101
BC102
BC103
BC104
BC105
BC106
channel

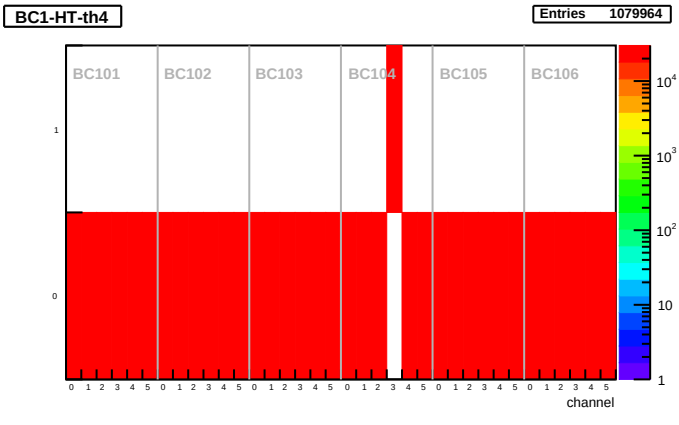

BC1-HT-th1-Diff
Entries 30001
BC101
BC102
BC103
BC104
BC105
BC106
channel

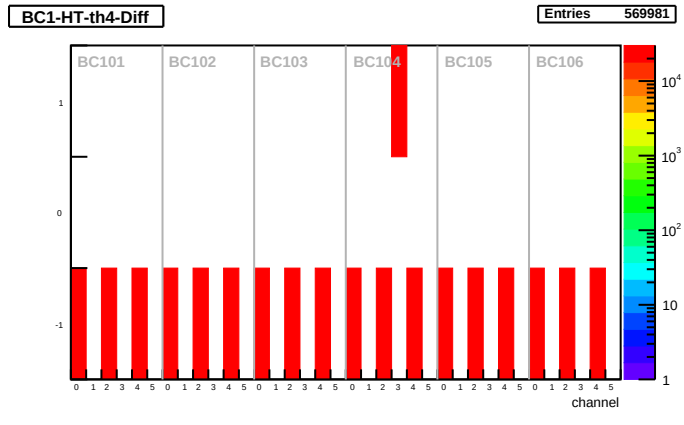

BC1-HT-th2
Entries 1079964
BC101
BC102
BC103
BC104
BC105
BC106
channel

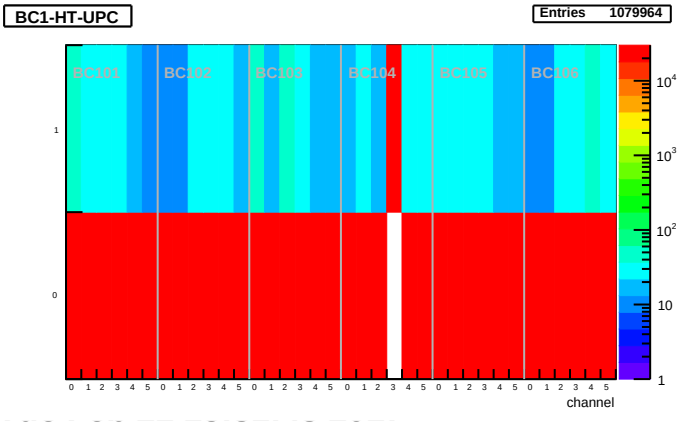

BC1-HT-th2-Diff
Entries 30008
BC101
BC102
BC103
BC104
BC105
BC106
channel

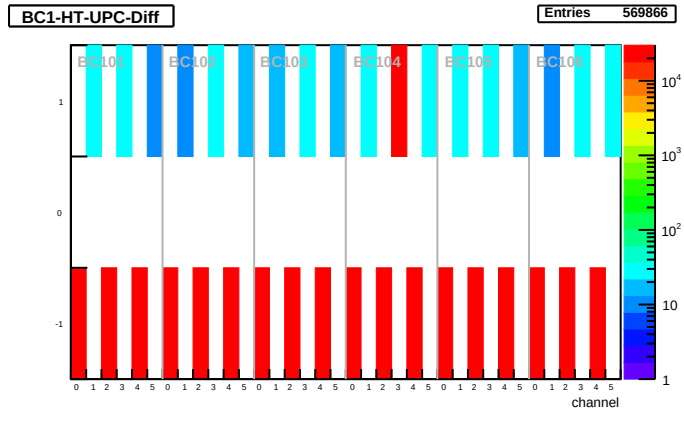

BC1-HT-th3
Entries 1079964
BC101
BC102
BC103
BC104
BC105
BC106
channel

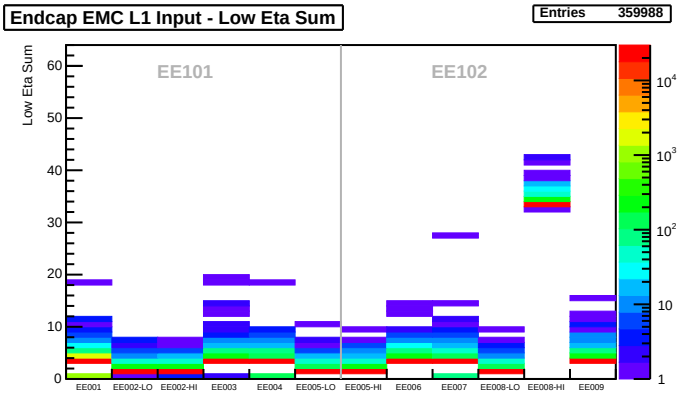

BC1-HT-th3-Diff
Entries 569982
BC101
BC102
BC103
BC104
BC105
BC106
channel

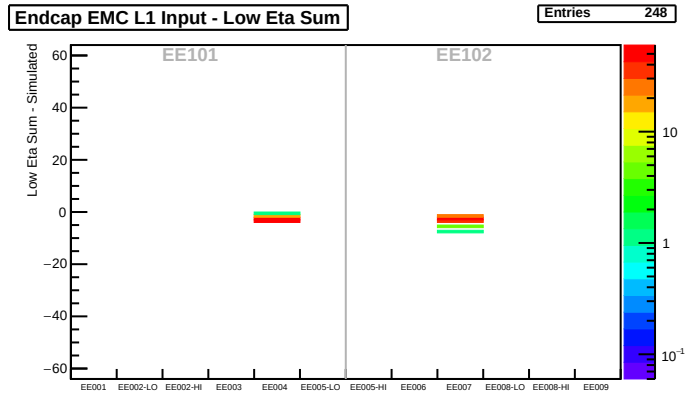

BC1-HT-th4
Entries 1079964
BC101
BC102
BC103
BC104
BC105
BC106
channel

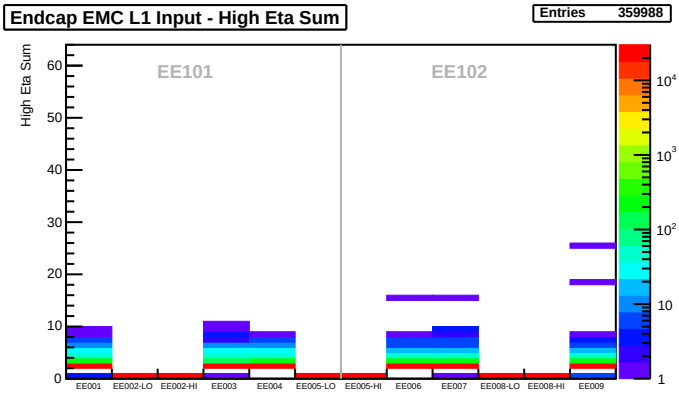

BC1-HT-th4-Diff
Entries 569981
BC101
BC102
BC103
BC104
BC105
BC106
channel

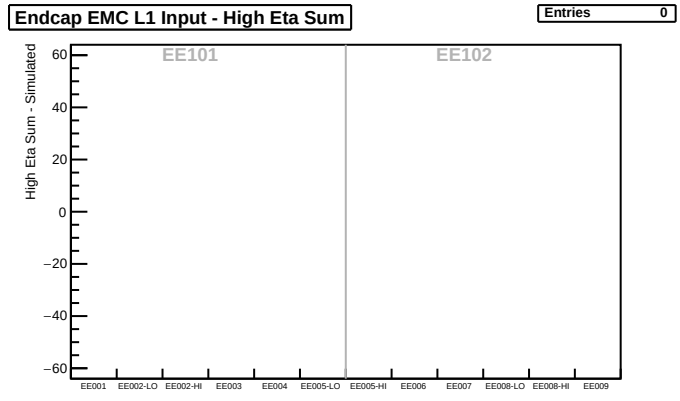

BC1-HT-UPC
Entries 1079964
BC101
BC102
BC103
BC104
BC105
BC106
channel

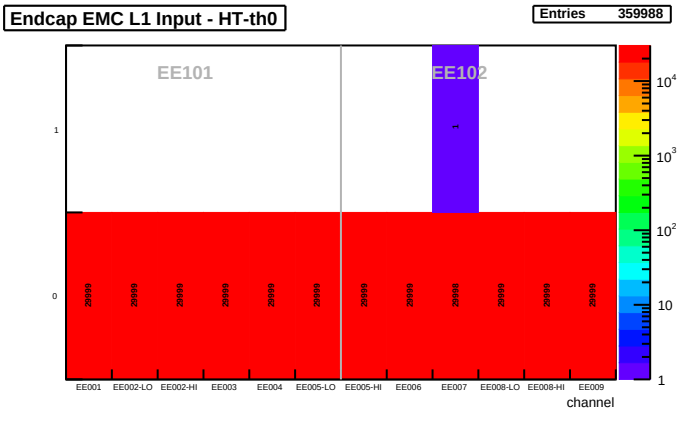

BC1-HT-UPC-Diff
Entries 569866
BC101
BC102
BC103
BC104
BC105
BC106
channel

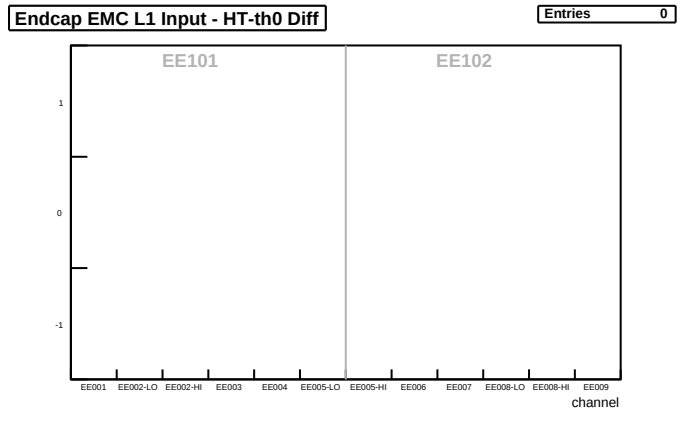

Endcap EMC L1 Input - Low Eta Sum
Entries 359988
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

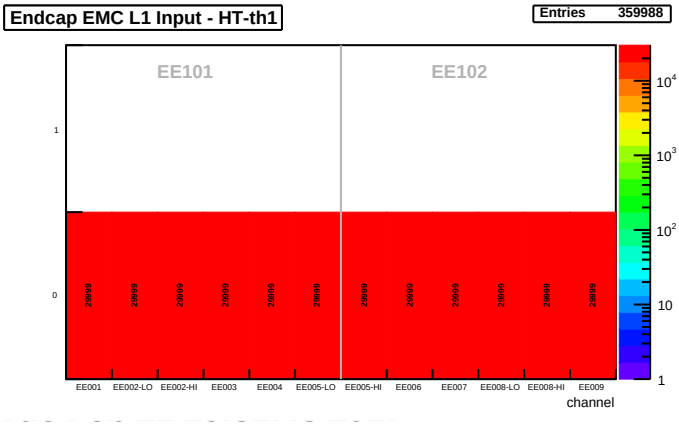

Endcap EMC L1 Input - Low Eta Sum
Entries 248
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

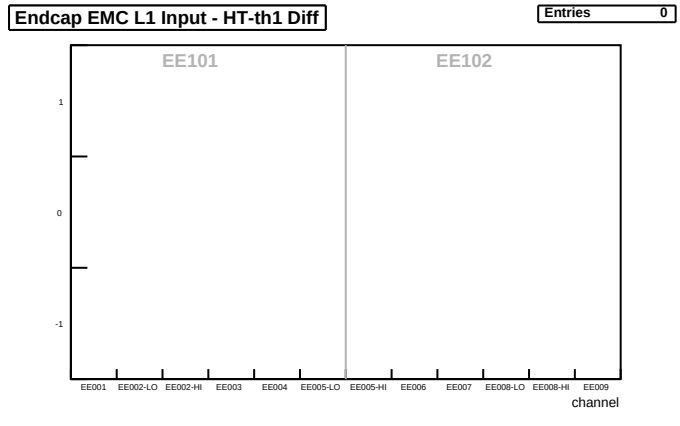

Endcap EMC L1 Input - High Eta Sum
Entries 359988
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

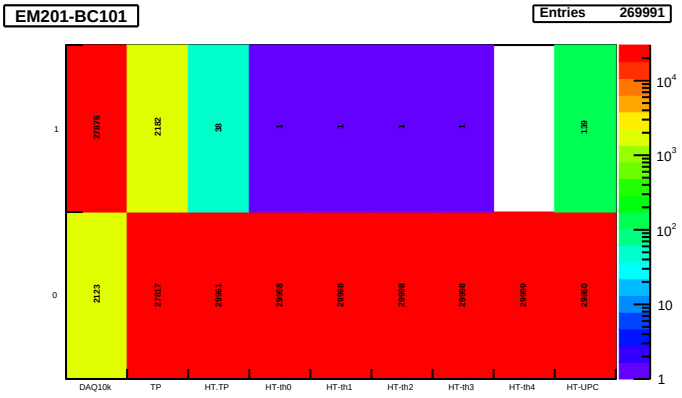

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

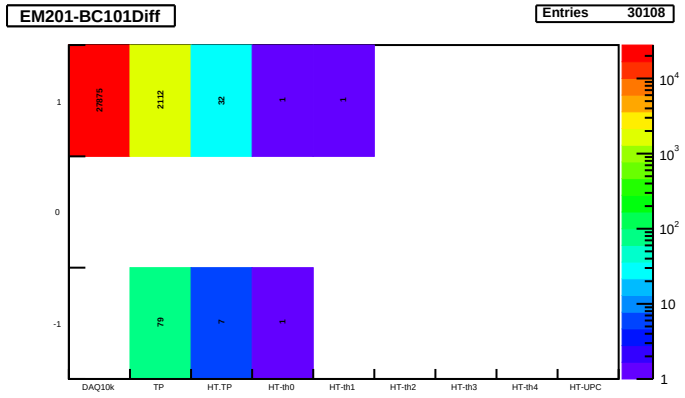

Endcap EMC L1 Input - HT-th0
Entries 359988
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

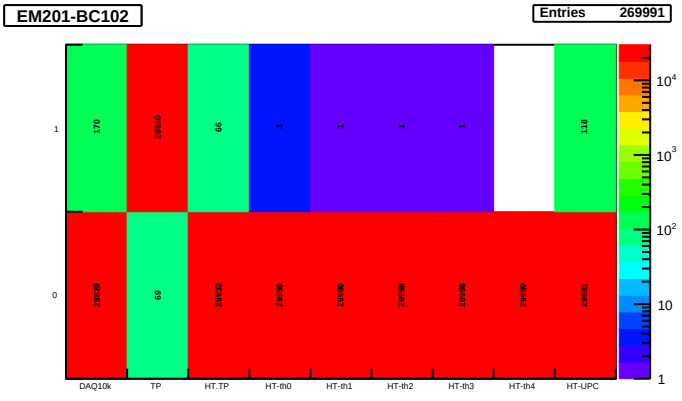

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

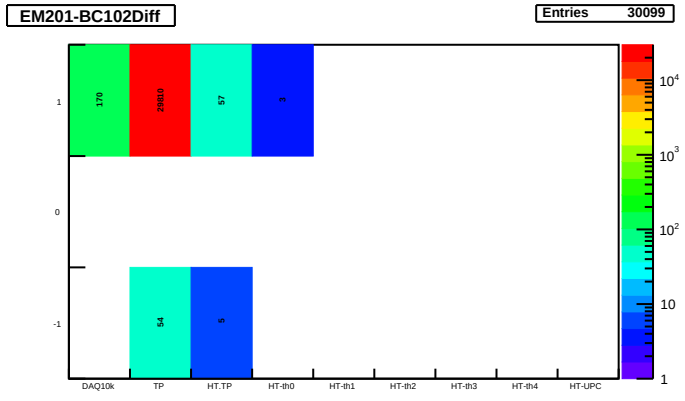

Endcap EMC L1 Input - HT-th1
Entries 359988
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

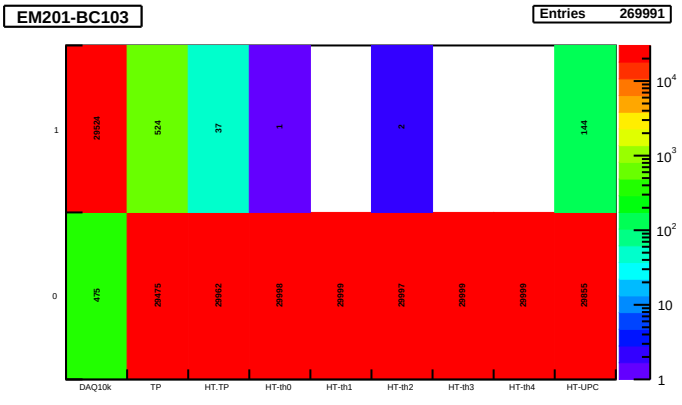

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

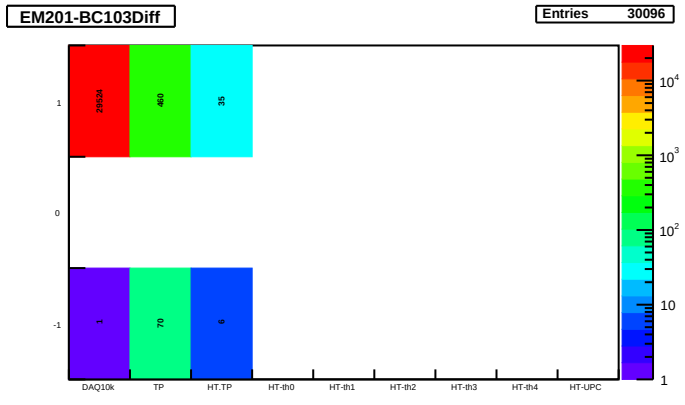

EM201-BC101
Entries 269991
1
0
27876 2182 38 1 1 1 1 139
2123 27617 29961 29998 29998 29998 29998 29999 29860
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1

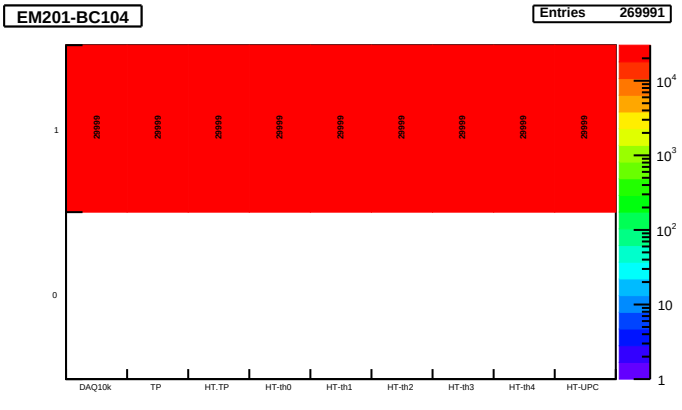

EM201-BC101Diff
Entries 30108
1
0
-1
27875 2112 32 1 1
79 7 1
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1

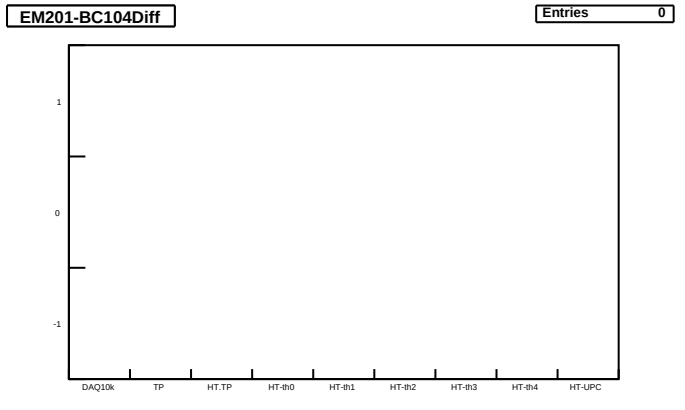

EM201-BC102
Entries 269991
1
0
170 29930 66 3 1 1 1 118
29929 69 29933 29996 29998 29998 29998 29999 29881
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1


EM201-BC102Diff
Entries 30099
1
0
-1
170 29810 57 3
54 5
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1

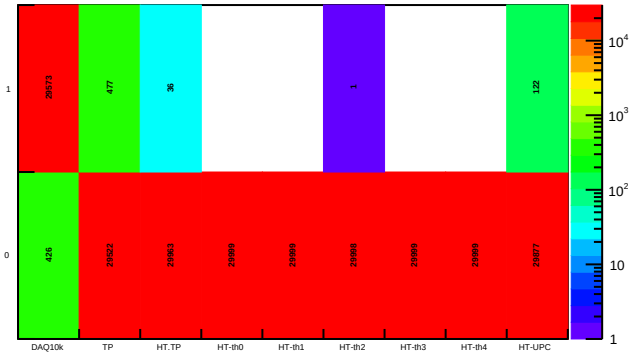

EM201-BC103
Entries 269991
1
0
29524 524 37 1 2 144
475 29475 29962 29998 29999 29997 29999 29999 29855
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1


EM201-BC103Diff
Entries 30096
1
0
-1
29524 460 35
1 70 6
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1

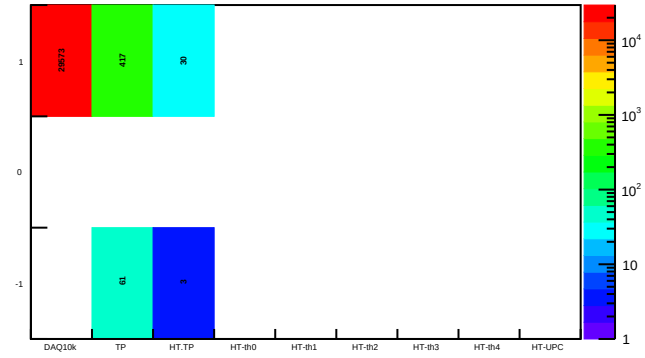

EM201-BC104
Entries 269991
1
0
29999 29999 29999 29999 29999 29999 29999 29999 29999
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1


EM201-BC104Diff
Entries 0
1
0
-1
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC

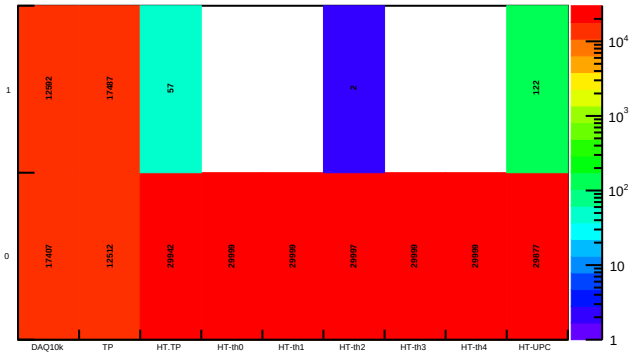
EM201-BC105 Entries 269991



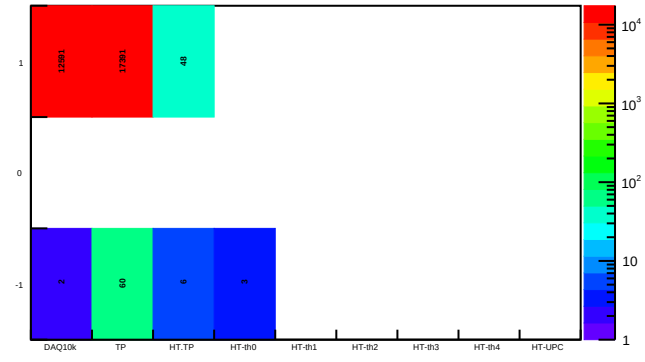
EM201-BC105Diff Entries 30084



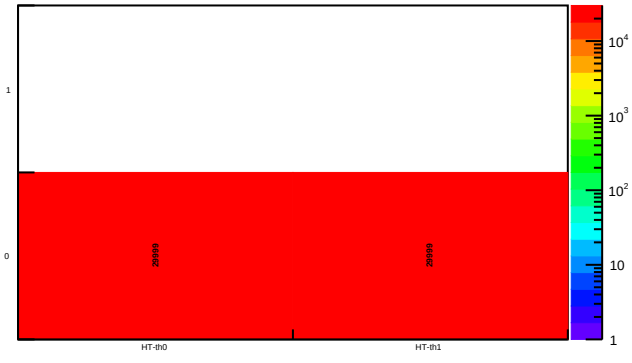
EM201-BC106 Entries 269991



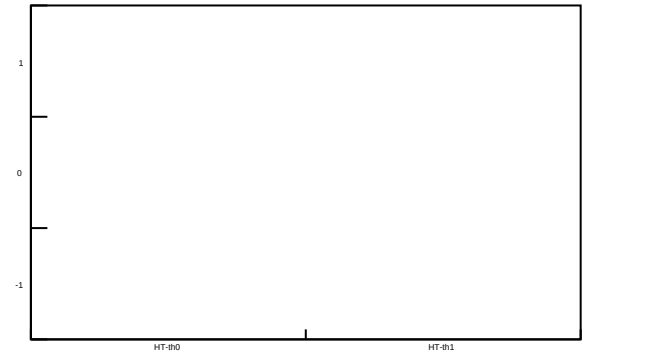
EM201-BC106Diff Entries 30101



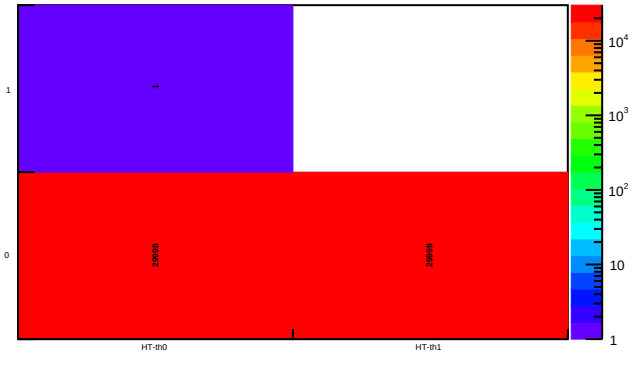
EM201-EE101 Entries 59998



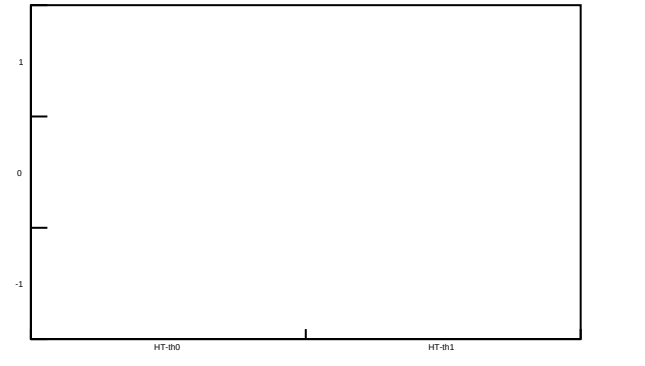
EM201-EE101Diff Entries 0

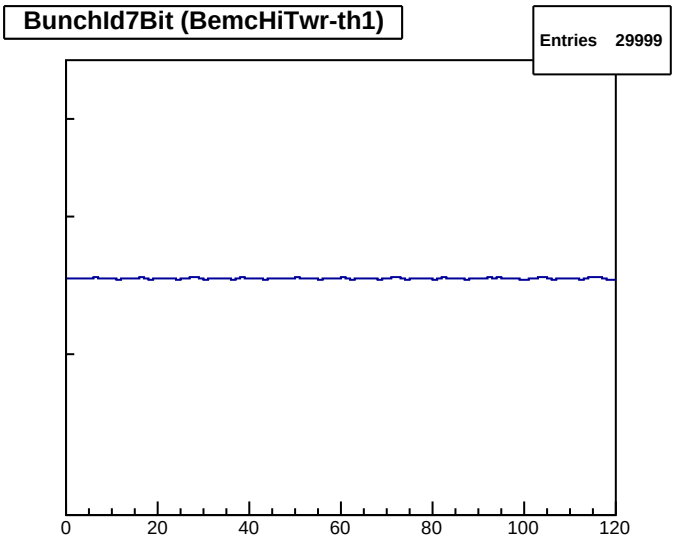


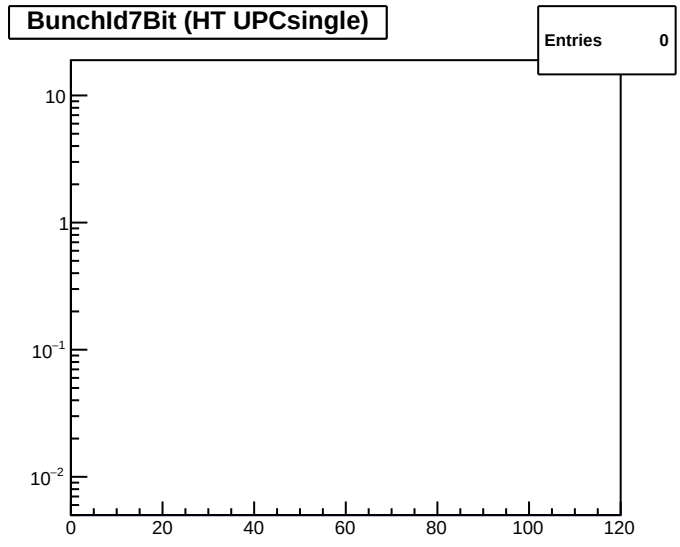
EM201-EE102 Entries 59998

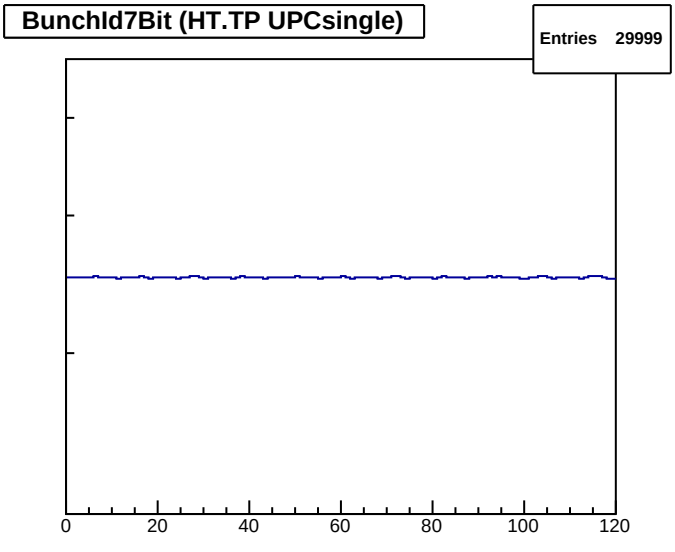


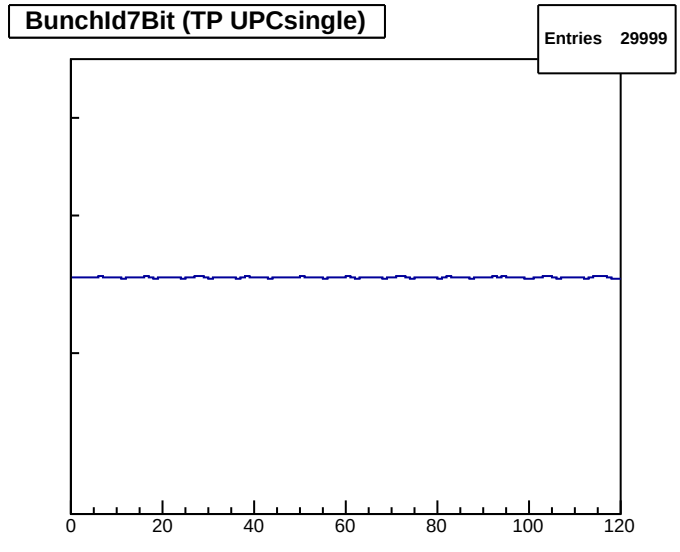
EM201-EE102Diff Entries 0

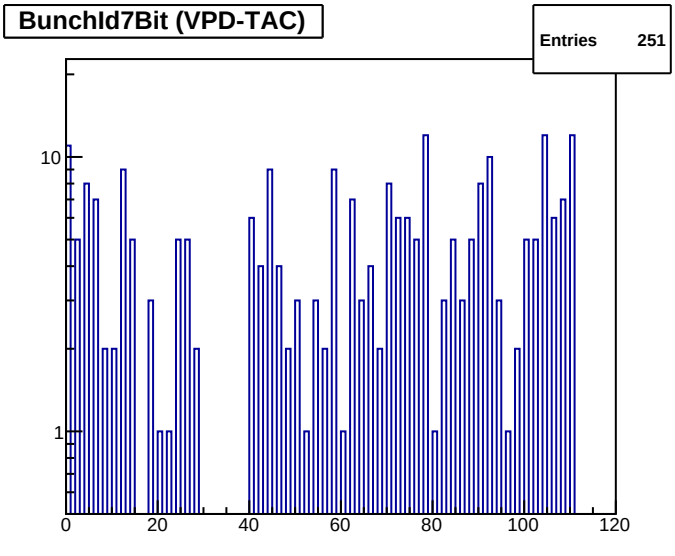


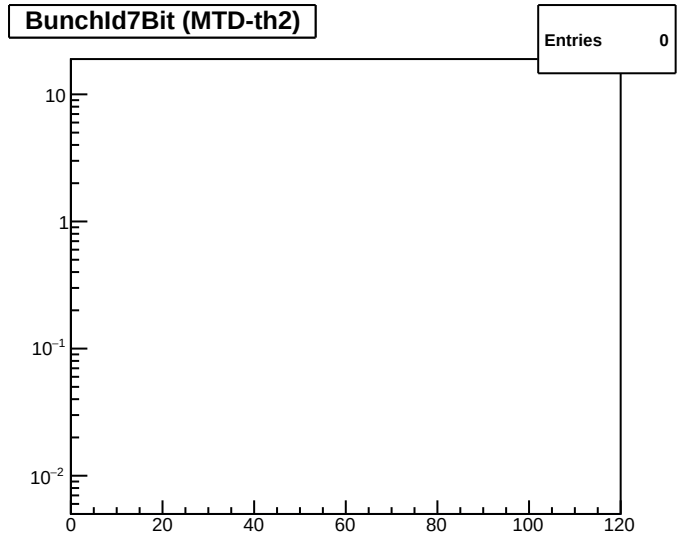

BunchId7Bit (BemcHiTwr-th1)
Entries 29999
0
20
40
60
80
100
120

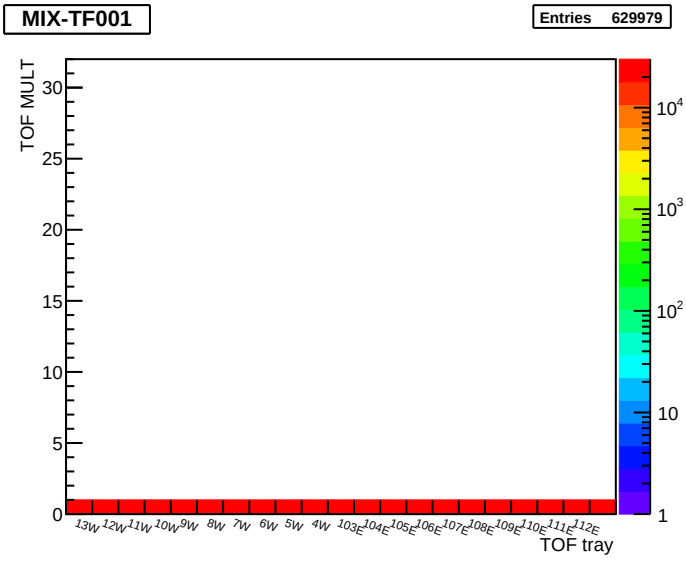

BunchId7Bit (HT UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0
20
40
60
80
100
120

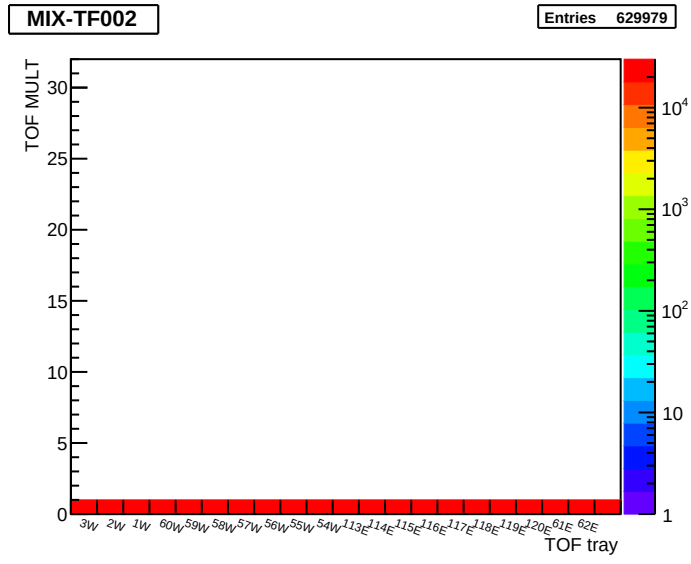

BunchId7Bit (HT.TP UPCsingle)
Entries 29999
0
20
40
60
80
100
120

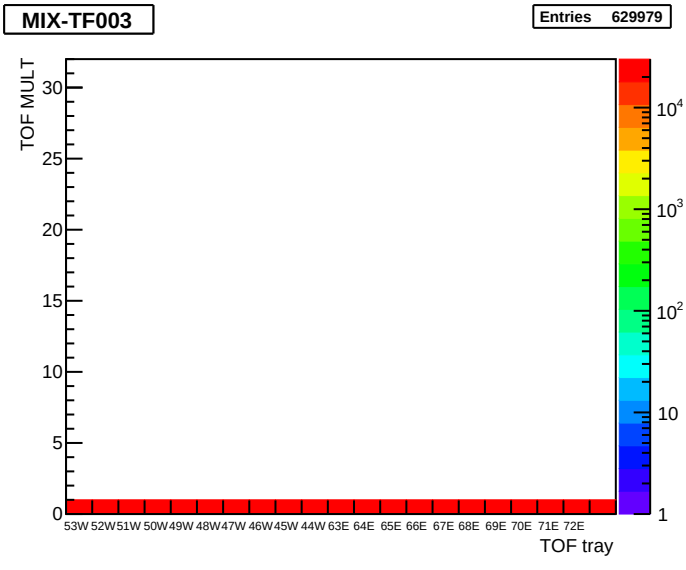

BunchId7Bit (TP UPCsingle)
Entries 29999
0
20
40
60
80
100
120

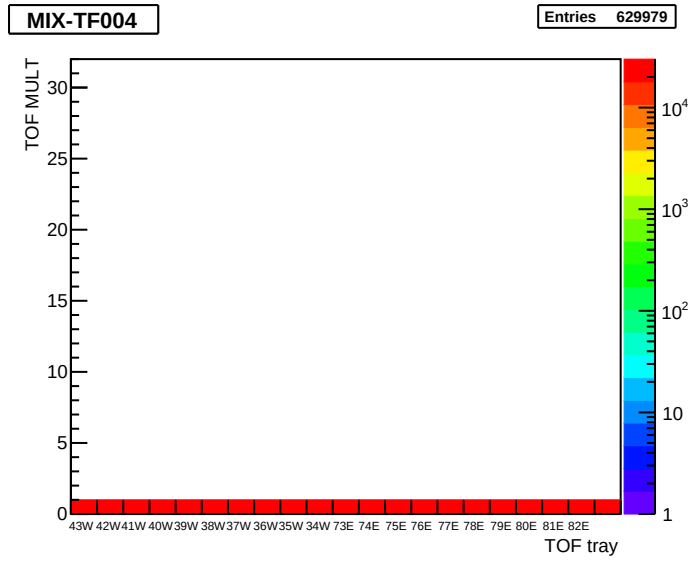

BunchId7Bit (VPD-TAC)
Entries 251
10
1
0
20
40
60
80
100
120

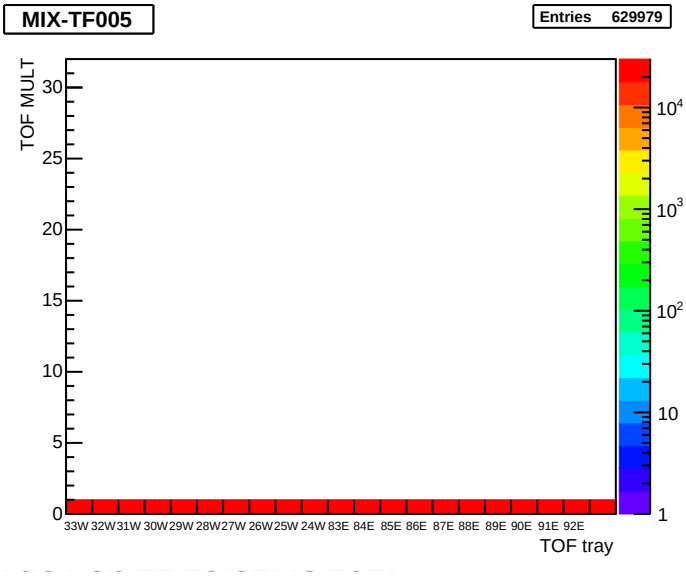

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0
20
40
60
80
100
120

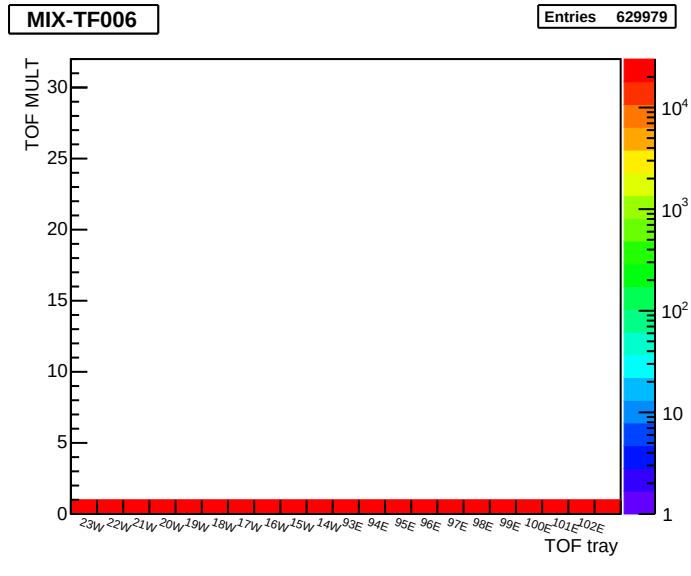

MIX-TF001
Entries 629979
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E


MIX-TF002
Entries 629979
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

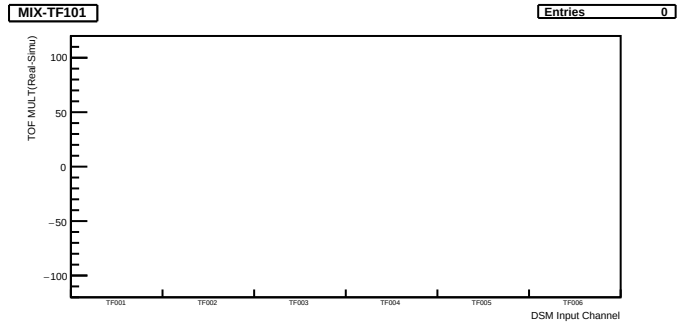

MIX-TF003
Entries 629979
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

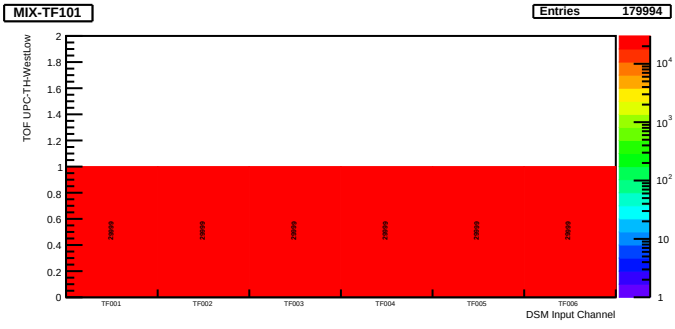

MIX-TF004
Entries 629979
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

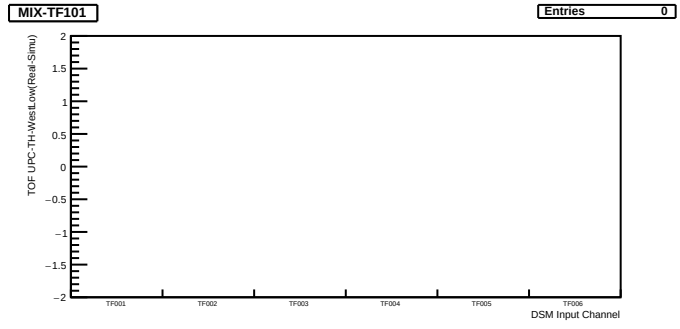

MIX-TF005
Entries 629979
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

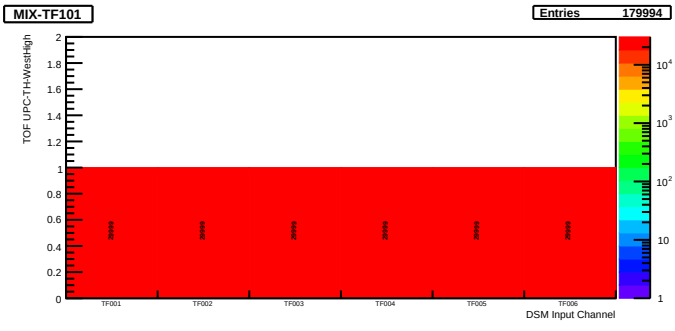

MIX-TF006
Entries 629979
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

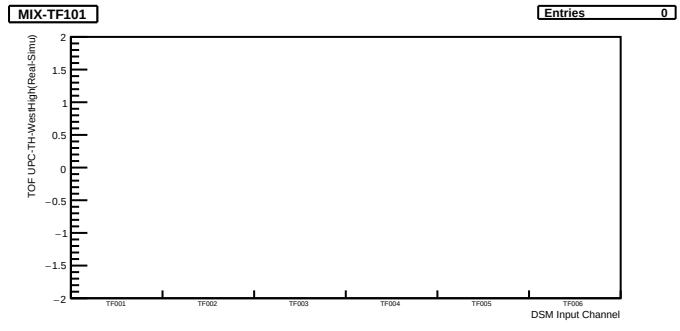
MIX-TF101
Entries 179994
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

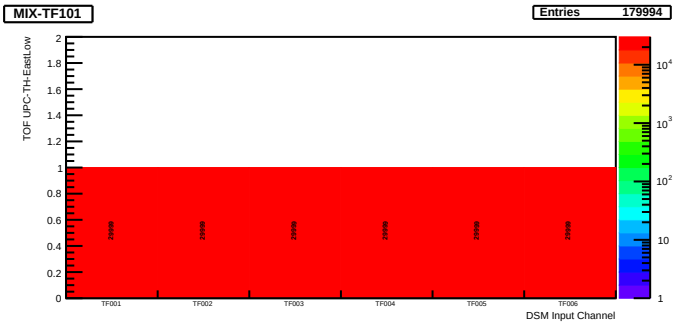

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

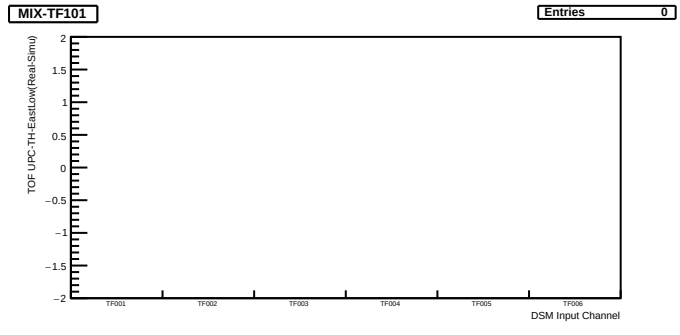

MIX-TF101
Entries 179994
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

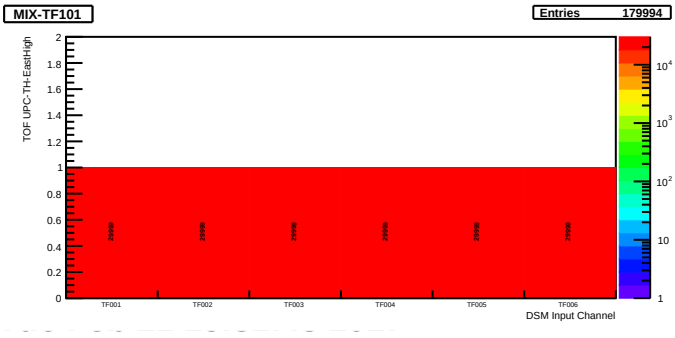

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

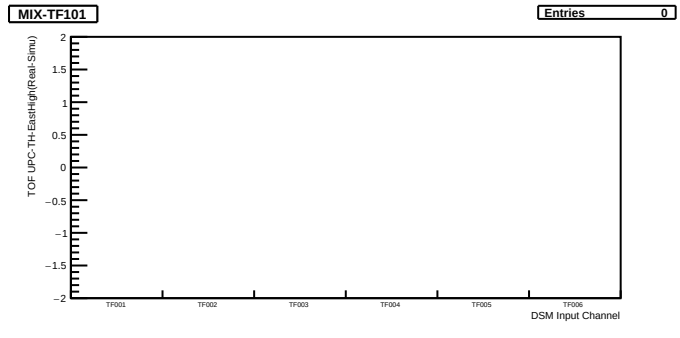

MIX-TF101
Entries 179994
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

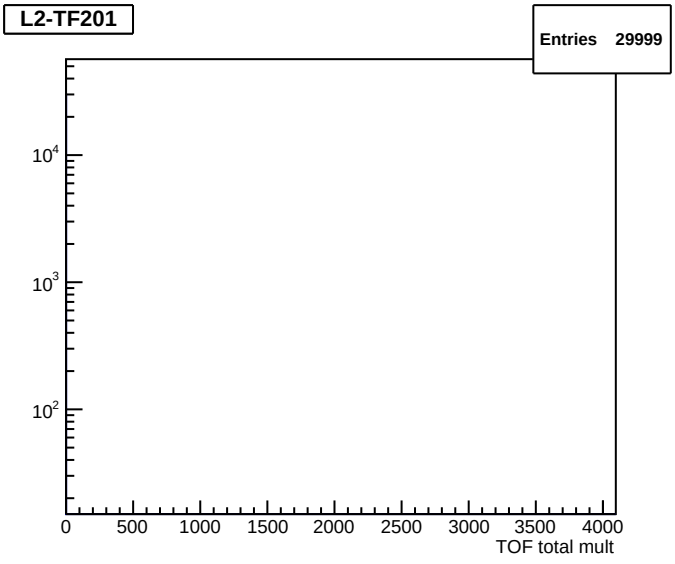

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

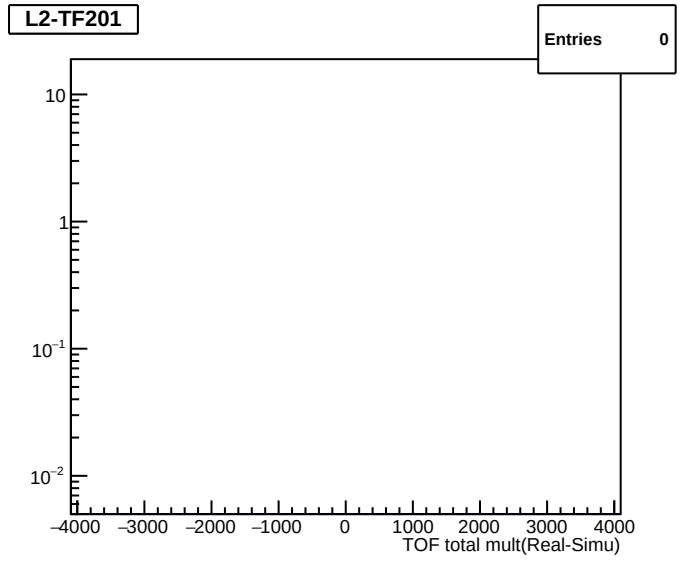

MIX-TF101
Entries 179994
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

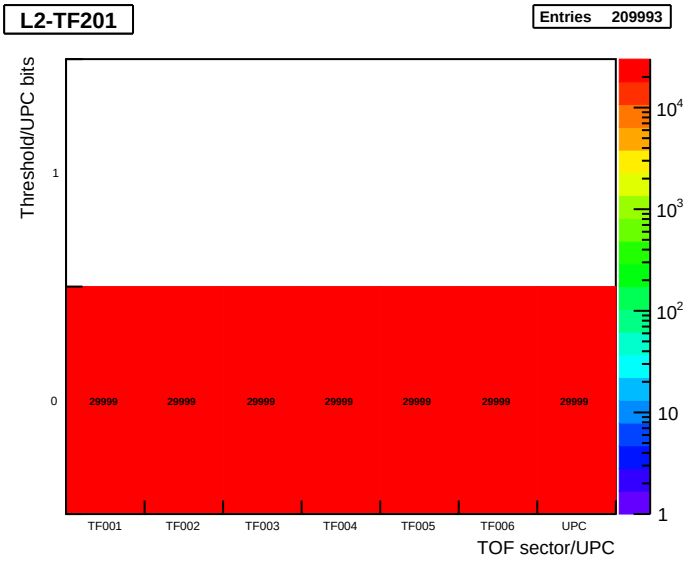

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

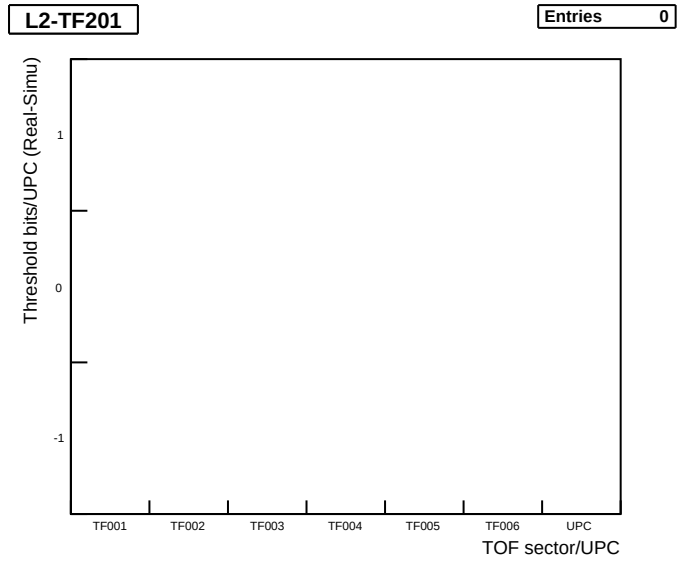

MIX-TF101
Entries 179994
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

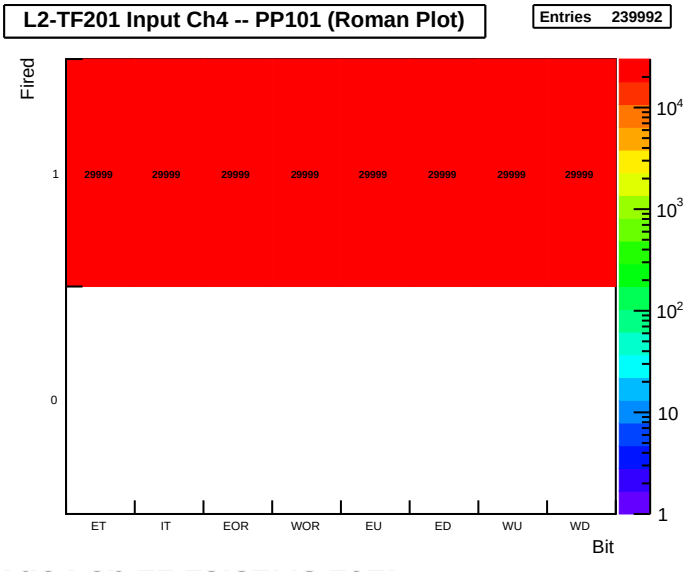

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

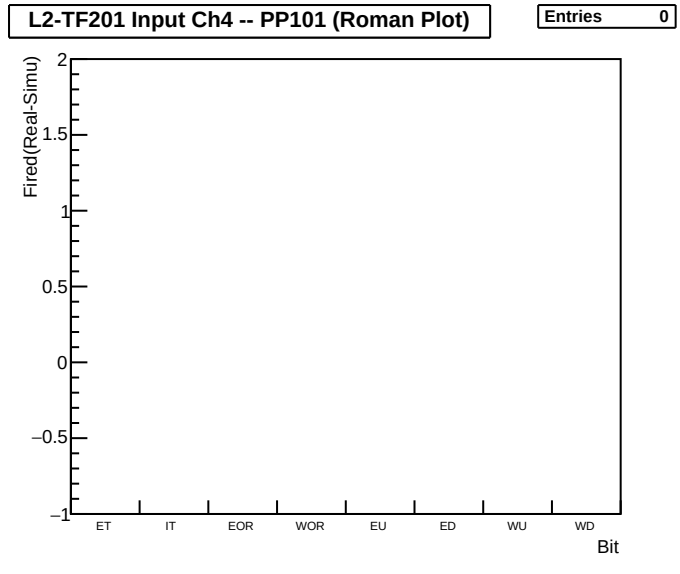

L2-TF201
Entries 29999
TOF total mult

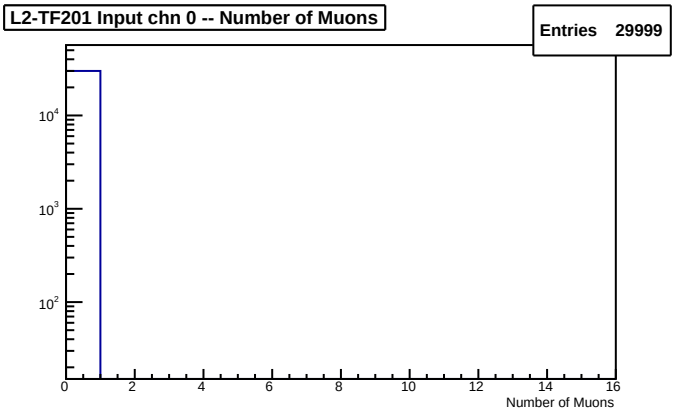

L2-TF201
Entries 0
TOF total mult(Real-Simu)

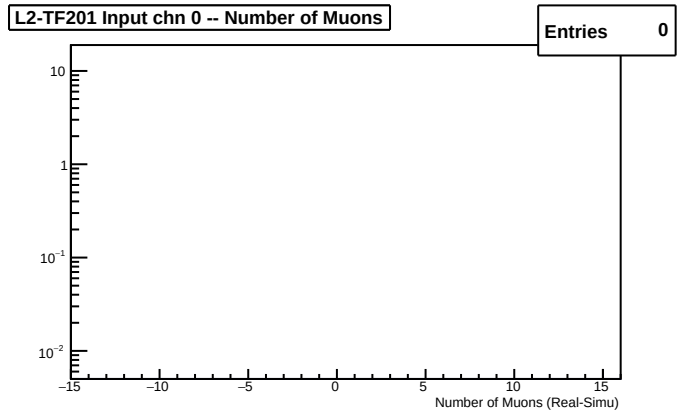

L2-TF201
Entries 209993
Threshold/UPC bits
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

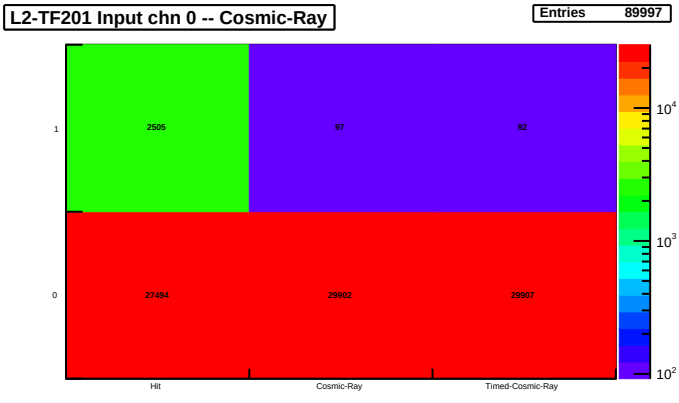

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

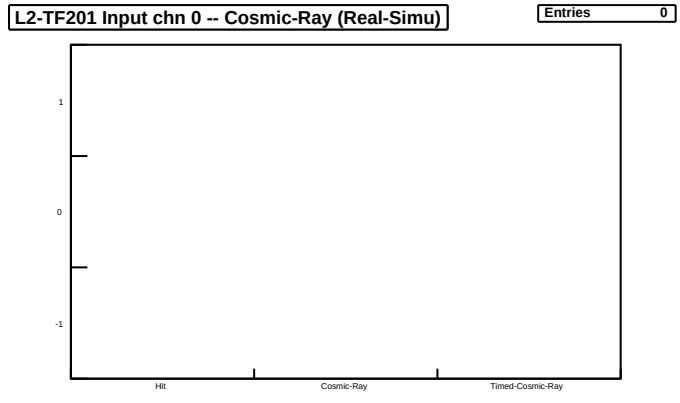

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 239992
Fired
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

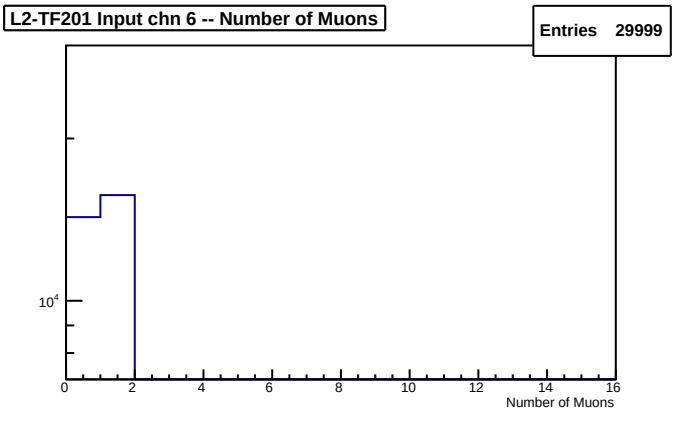

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

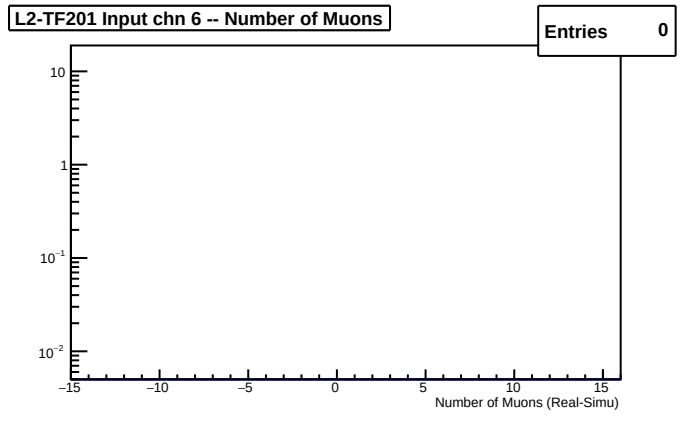

L2-TF201 Input chn 0 -- Number of Muons
Entries 29999
Number of Muons

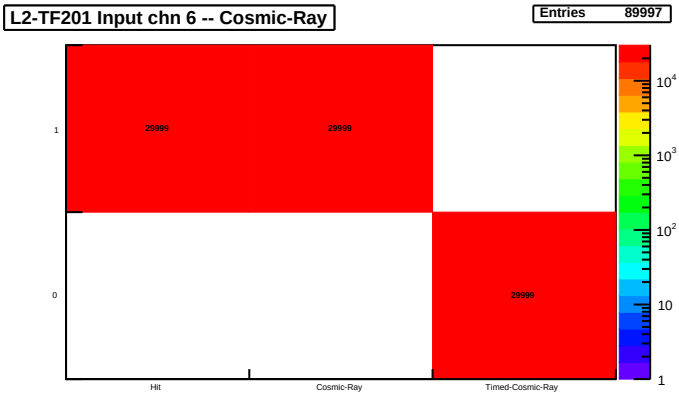

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

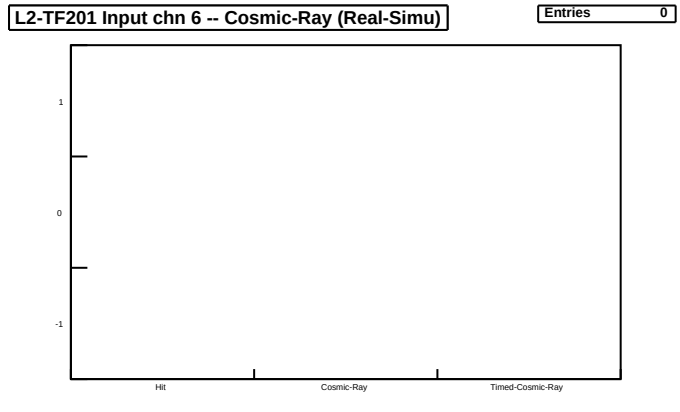

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 89997
2505
97
92
27494
29902
29907
Hit
Cosmic-Ray
Timed-Cosmic-Ray

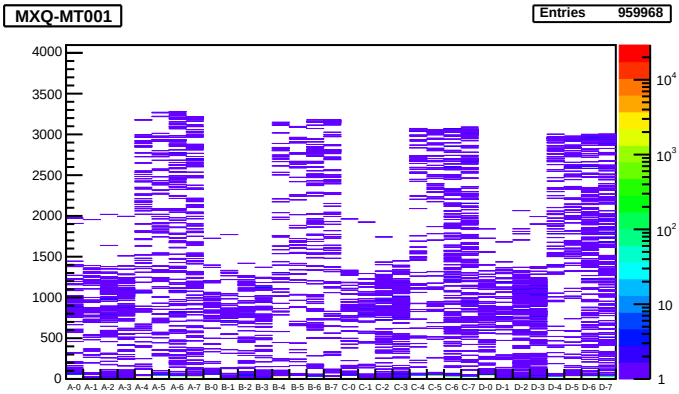

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

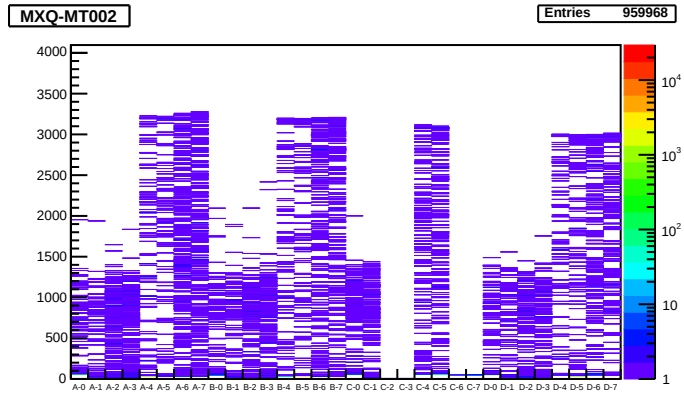

L2-TF201 Input chn 6 -- Number of Muons
Entries 29999
Number of Muons

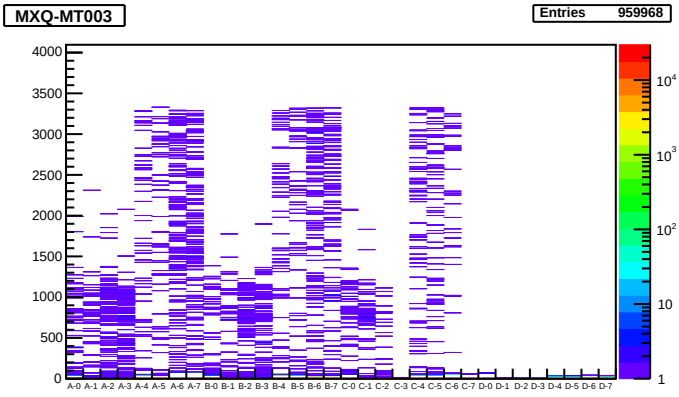

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

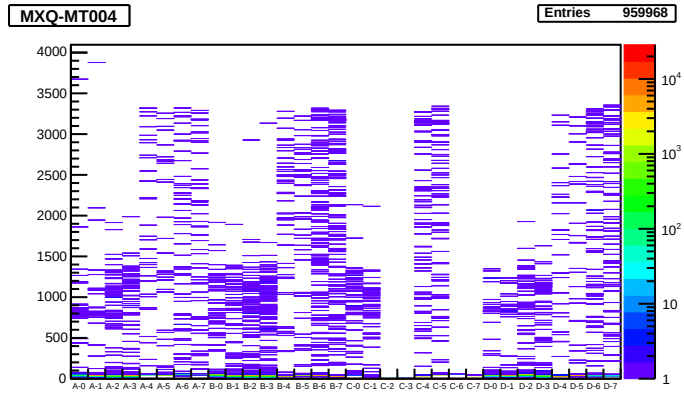

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 89997
29999
29999
29999
Hit
Cosmic-Ray
Timed-Cosmic-Ray

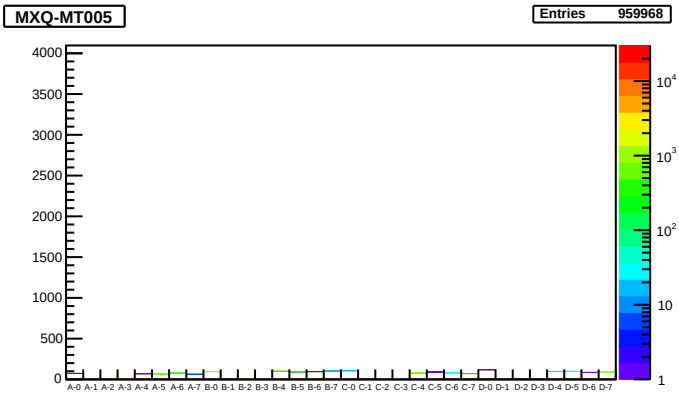

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

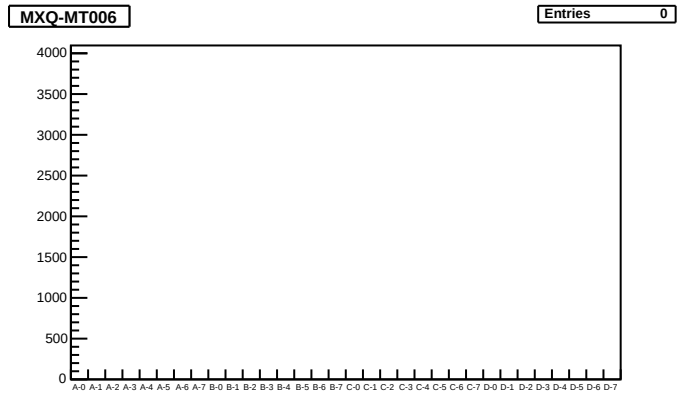

MXQ-MT001
Entries 959968

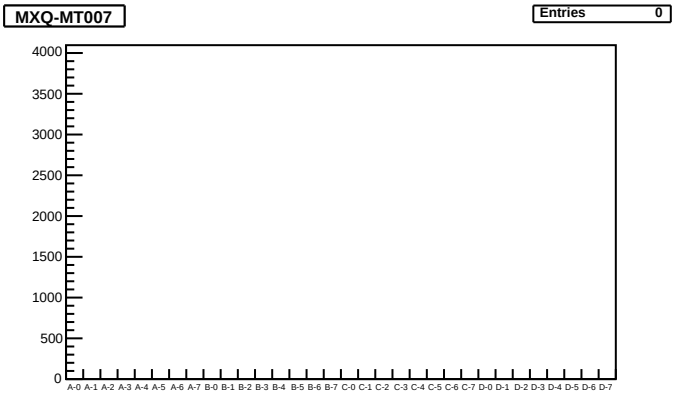

MXQ-MT002
Entries 959968

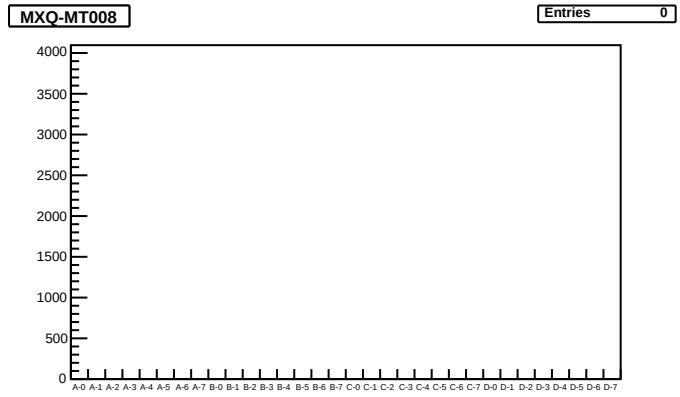

MXQ-MT003
Entries 959968

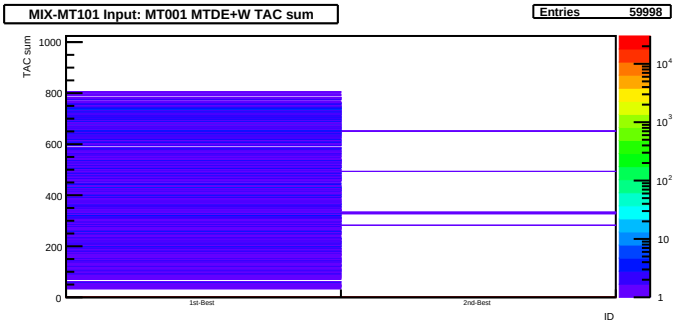

MXQ-MT004
Entries 959968

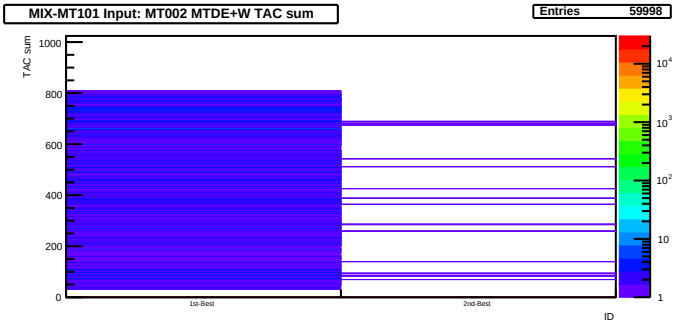

MXQ-MT005
Entries 959968

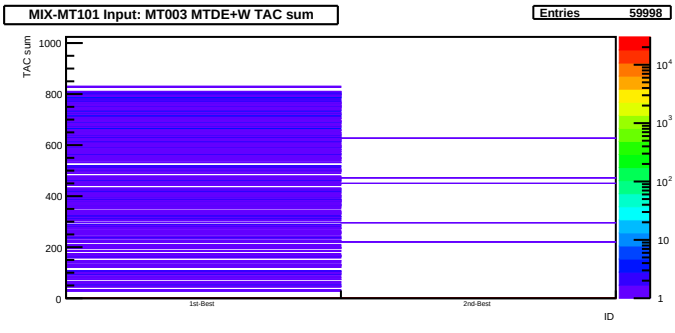

MXQ-MT006
Entries 0

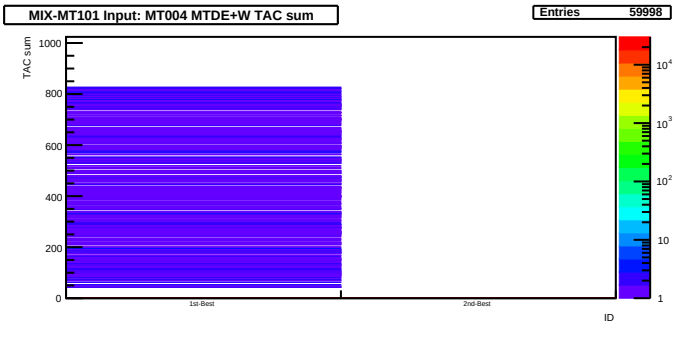

MXQ-MT007
Entries 0

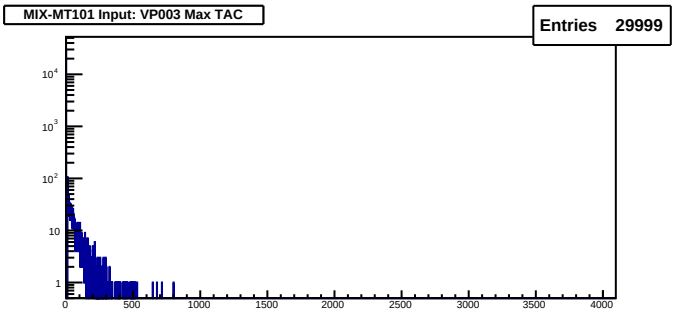

MXQ-MT008
Entries 0

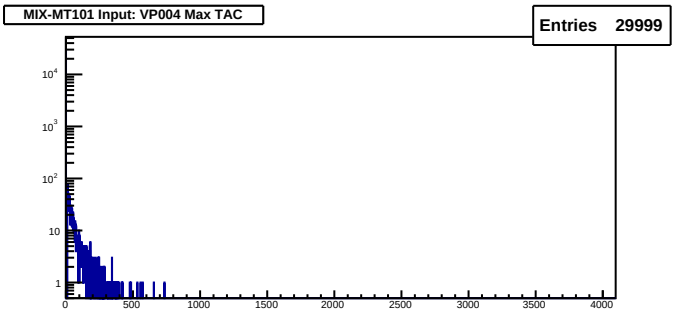

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 59998
TAC sum
1st-Best
2nd-Best
ID

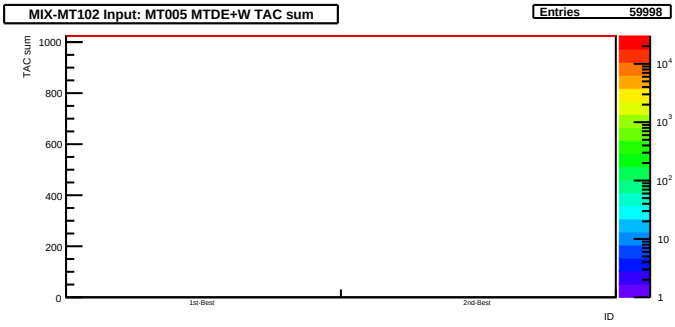

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 59998
TAC sum
1st-Best
2nd-Best
ID

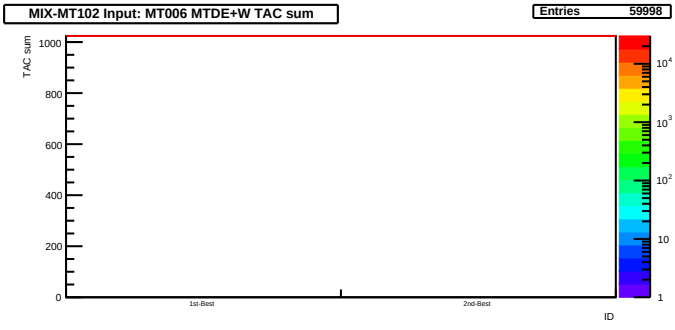

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 59998
TAC sum
1st-Best
2nd-Best
ID

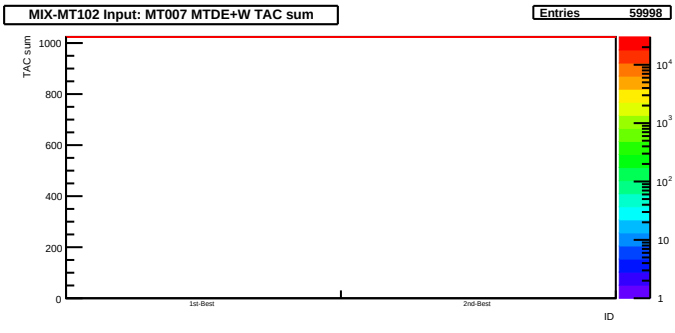

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 59998
TAC sum
1st-Best
2nd-Best
ID

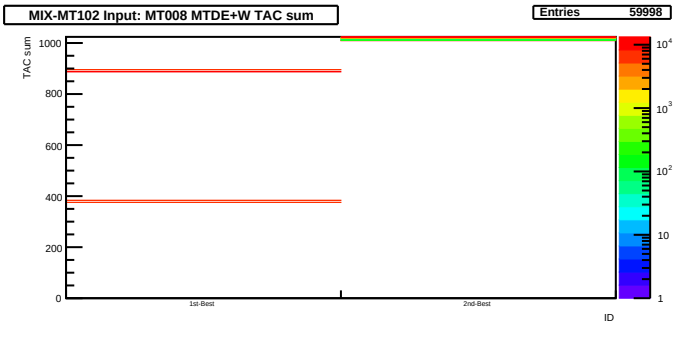

MIX-MT101 Input: VP003 Max TAC
Entries 29999

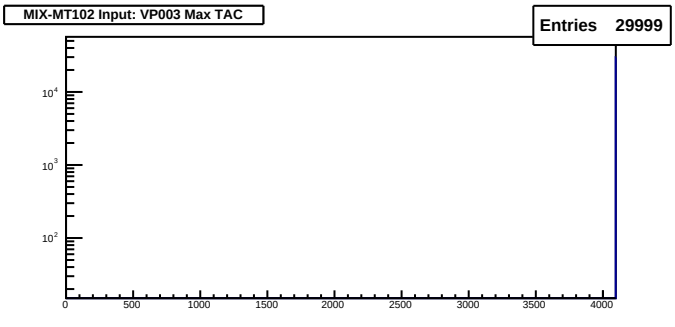

MIX-MT101 Input: VP004 Max TAC
Entries 29999

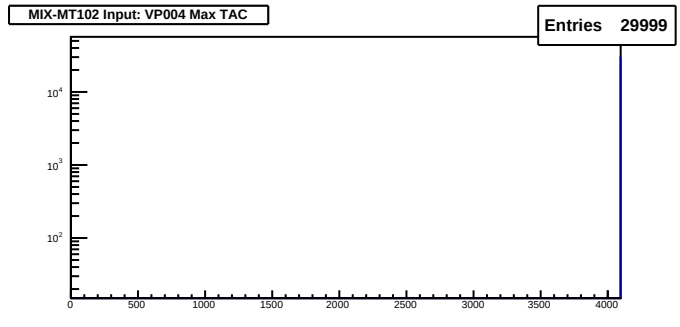

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 59998
TAC sum
1st-Best
2nd-Best
ID

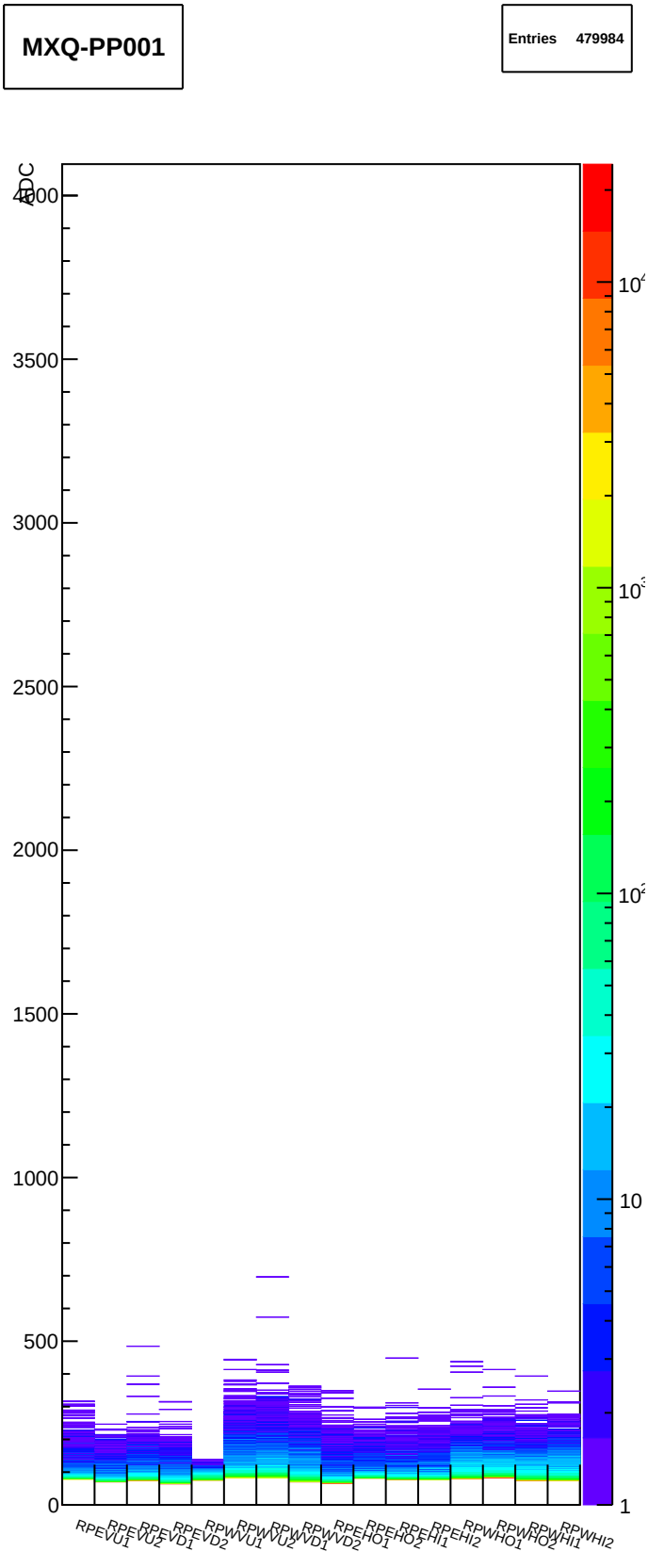

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 59998
TAC sum
1st-Best
2nd-Best
ID

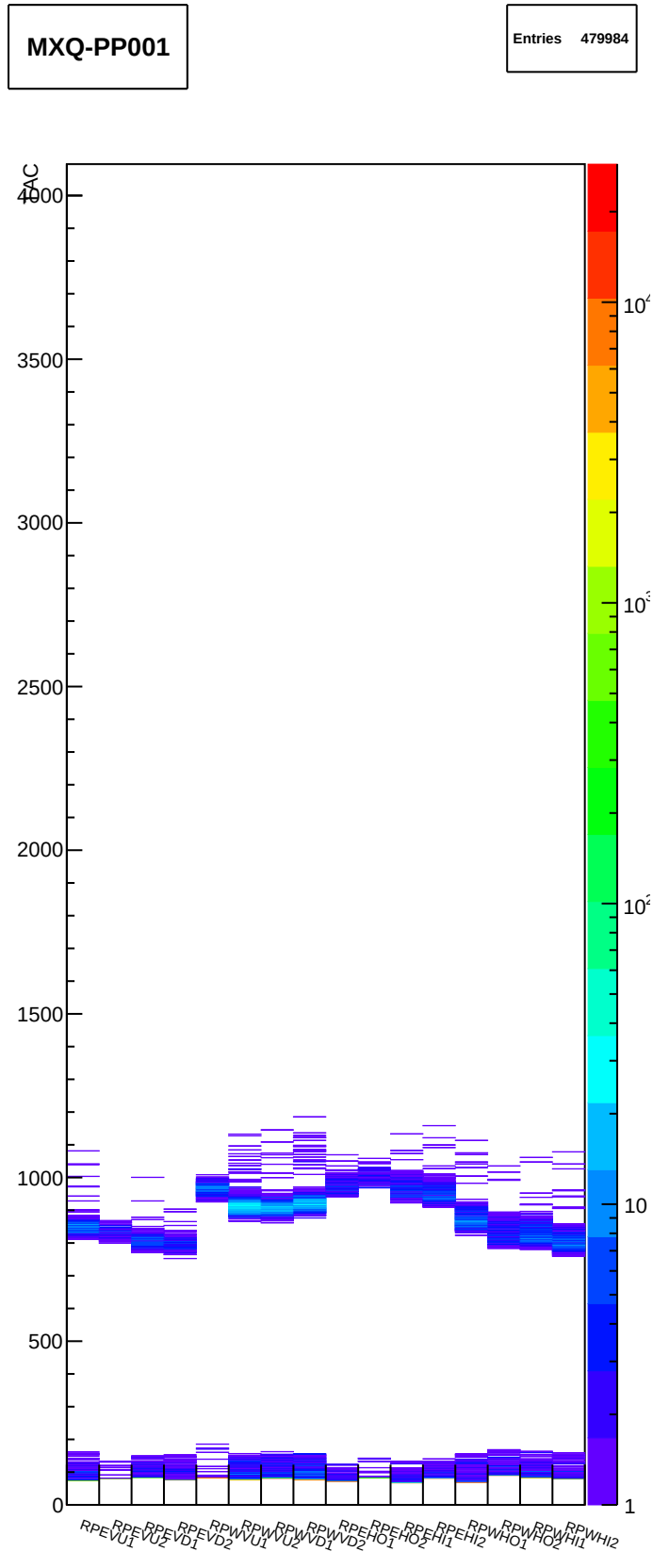

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 59998
TAC sum
1st-Best
2nd-Best
ID

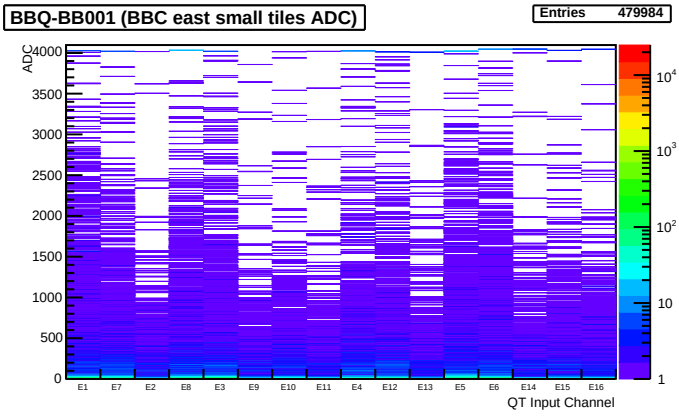

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 59998
TAC sum
1st-Best
2nd-Best
ID

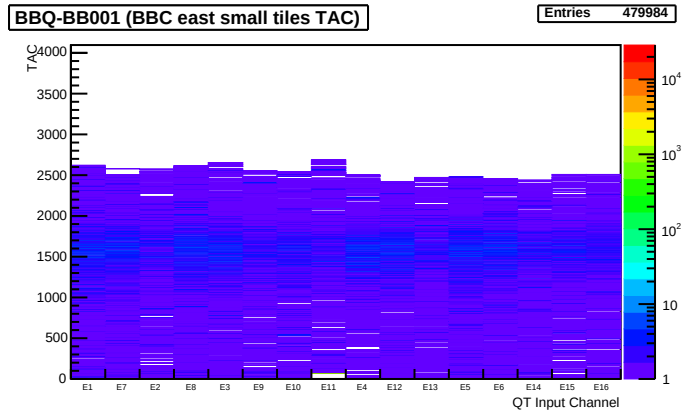

MIX-MT102 Input: VP003 Max TAC
Entries 29999

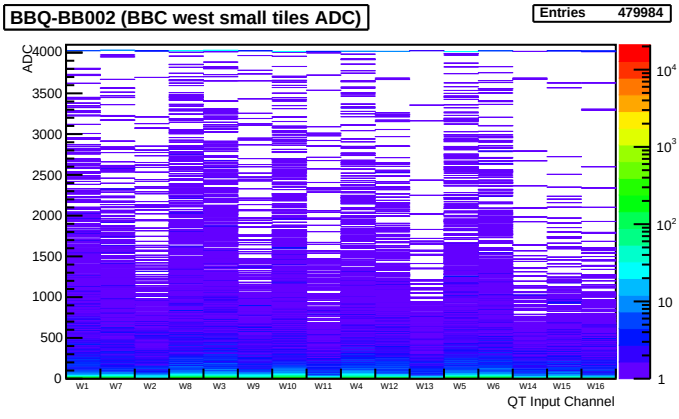

MIX-MT102 Input: VP004 Max TAC
Entries 29999

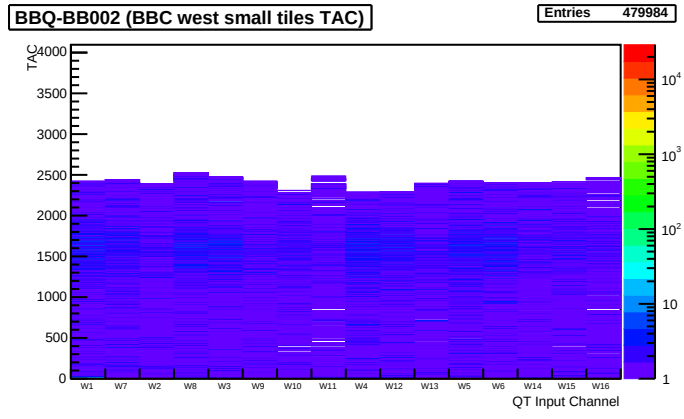

MXQ-PP001
Entries 479984
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

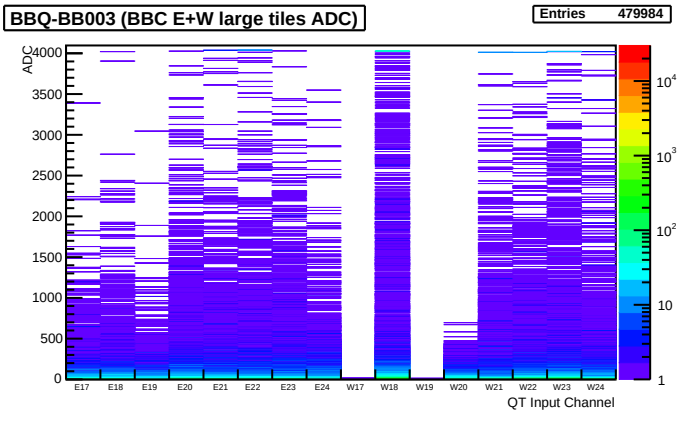

MXQ-PP001
Entries 479984
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

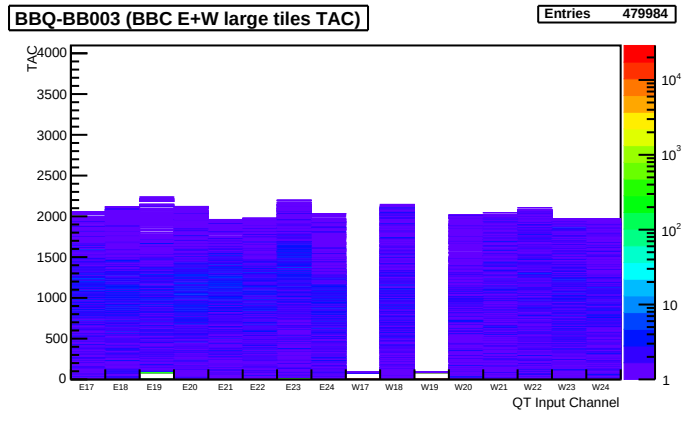

BBQ-BB001 (BBC east small tiles ADC)
Entries 479984
ADC
QT Input Channel

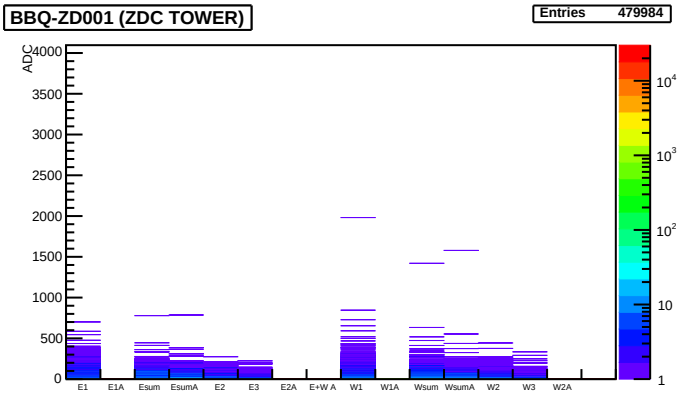

BBQ-BB001 (BBC east small tiles TAC)
Entries 479984
TAC
QT Input Channel

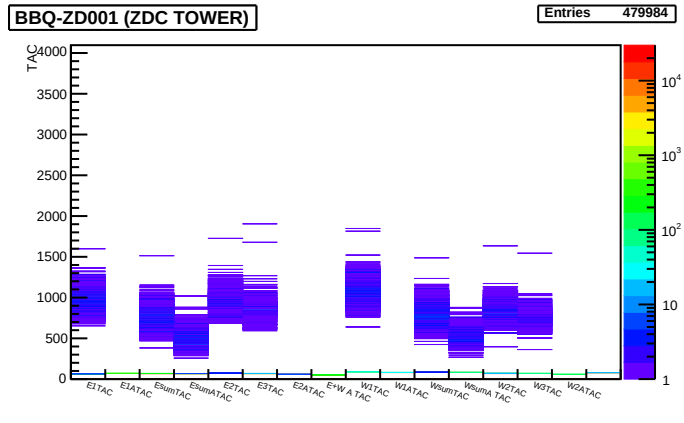

BBQ-BB002 (BBC west small tiles ADC)
Entries 479984
ADC
QT Input Channel

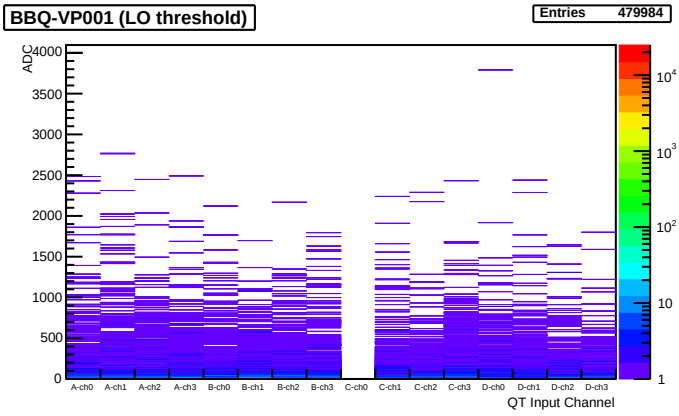

BBQ-BB002 (BBC west small tiles TAC)
Entries 479984
TAC
QT Input Channel

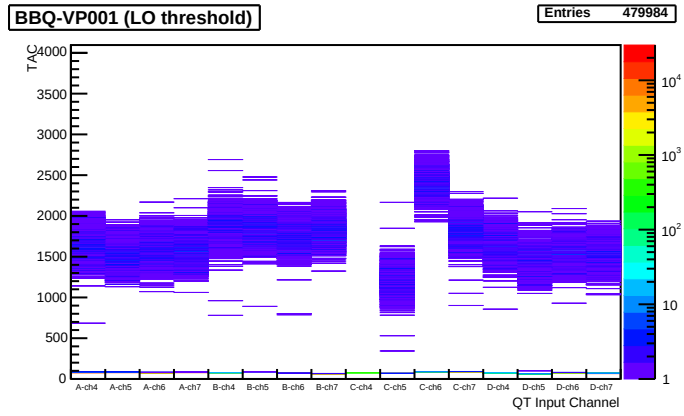

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 479984
ADC
QT Input Channel

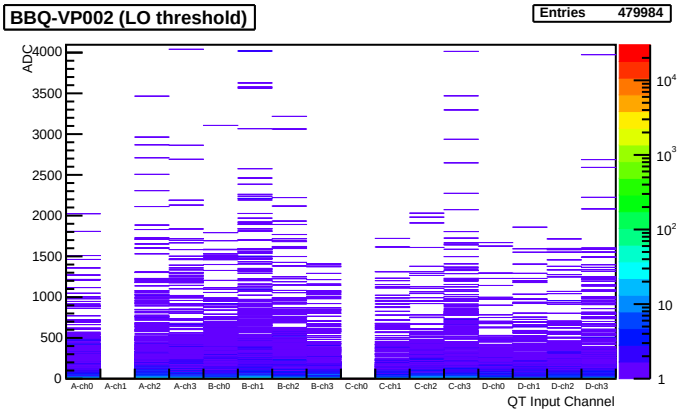

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 479984
TAC
QT Input Channel

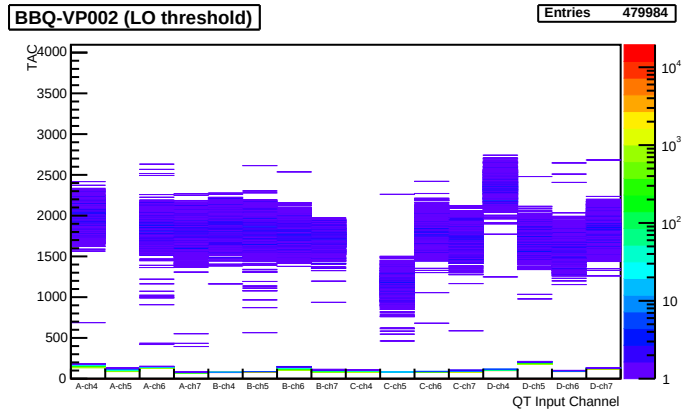

BBQ-ZD001 (ZDC TOWER)
Entries 479984
ADC

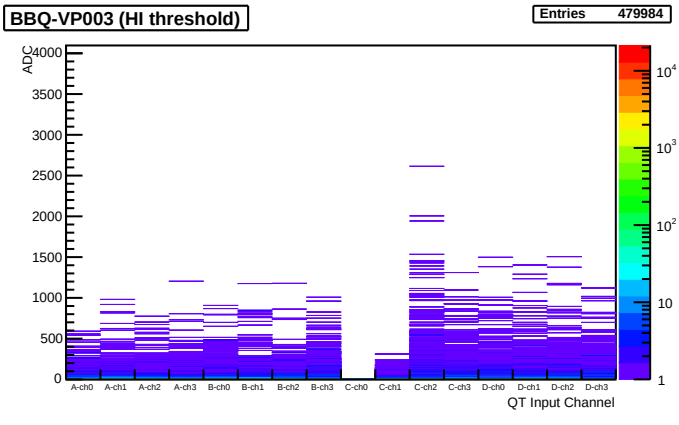

BBQ-ZD001 (ZDC TOWER)
Entries 479984
TAC

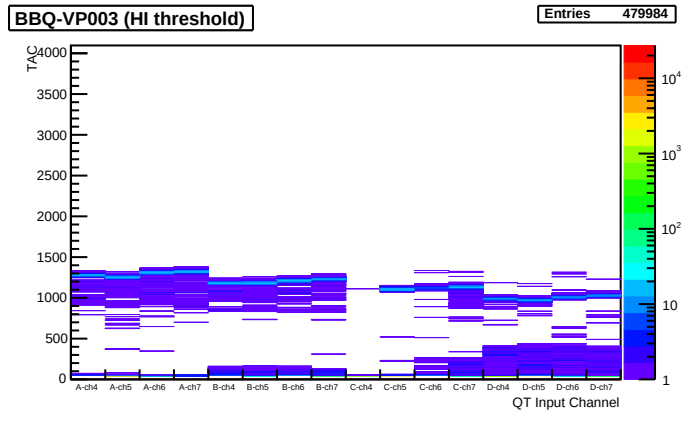

BBQ-VP001 (LO threshold)
Entries 479984
ADC
QT Input Channel

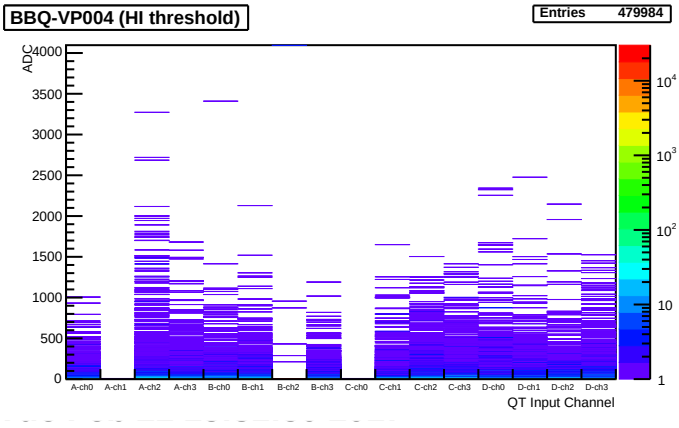

BBQ-VP001 (LO threshold)
Entries 479984
TAC
QT Input Channel

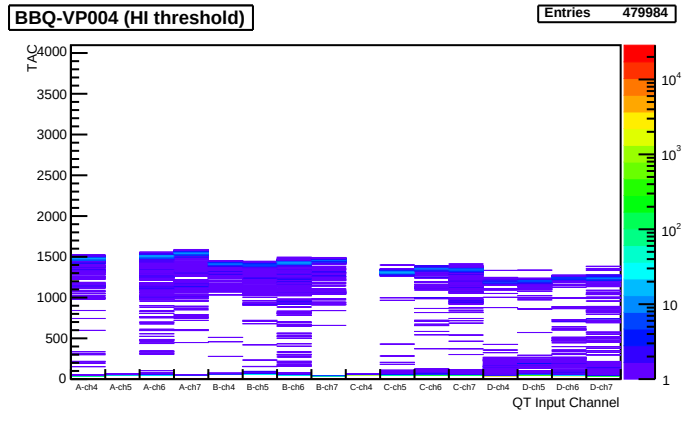

BBQ-VP002 (LO threshold)
Entries 479984
ADC
QT Input Channel

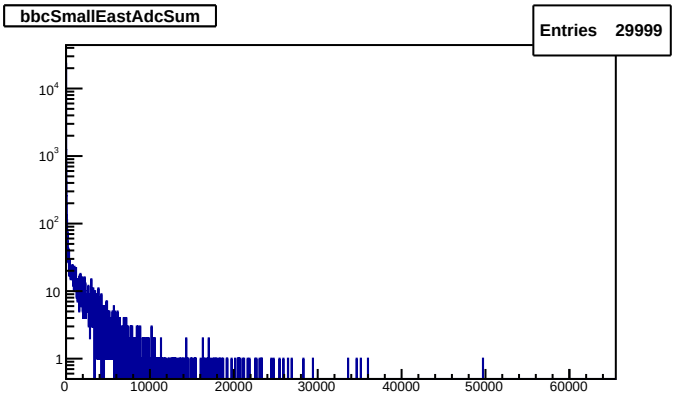

BBQ-VP002 (LO threshold)
Entries 479984
TAC
QT Input Channel

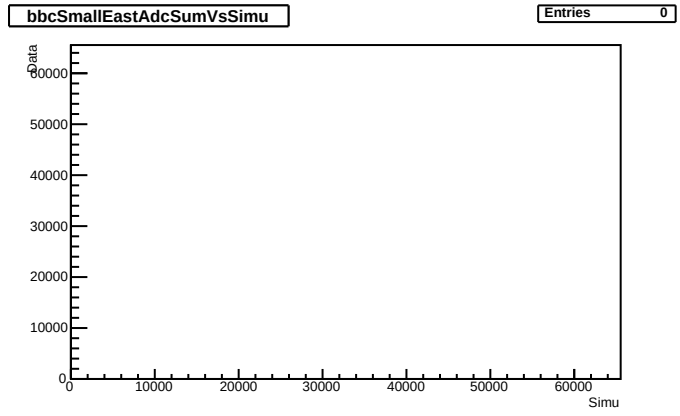

BBQ-VP003 (HI threshold)
Entries 479984
ADC
QT Input Channel

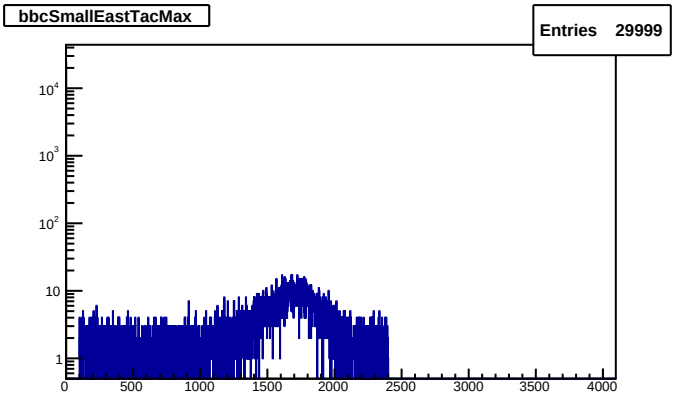

BBQ-VP003 (HI threshold)
Entries 479984
TAC
QT Input Channel

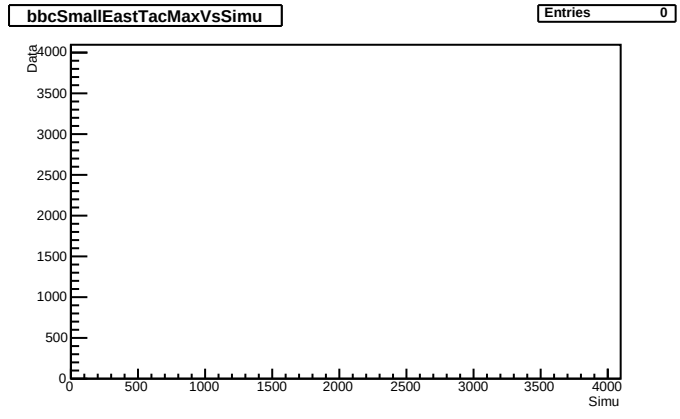

BBQ-VP004 (HI threshold)
Entries 479984
ADC
QT Input Channel

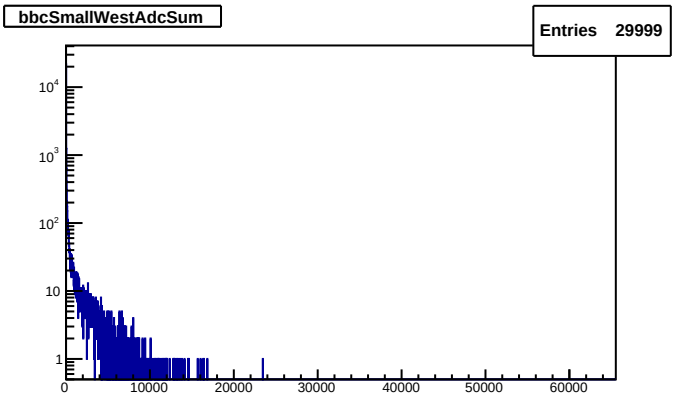

BBQ-VP004 (HI threshold)
Entries 479984
TAC
QT Input Channel

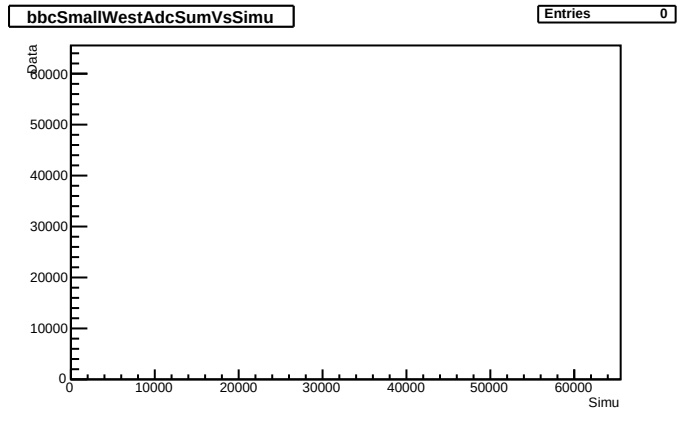

bbcSmallEastAdcSum
Entries 29999

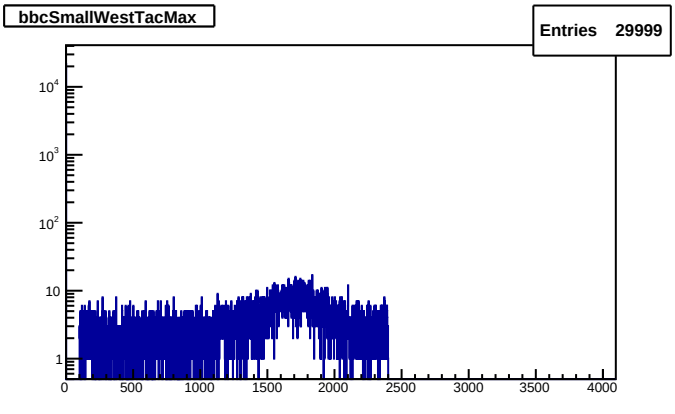

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

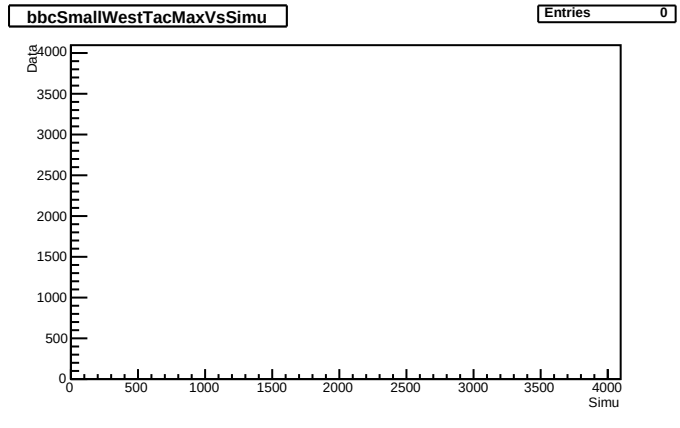

bbcSmallEastTacMax
Entries 29999

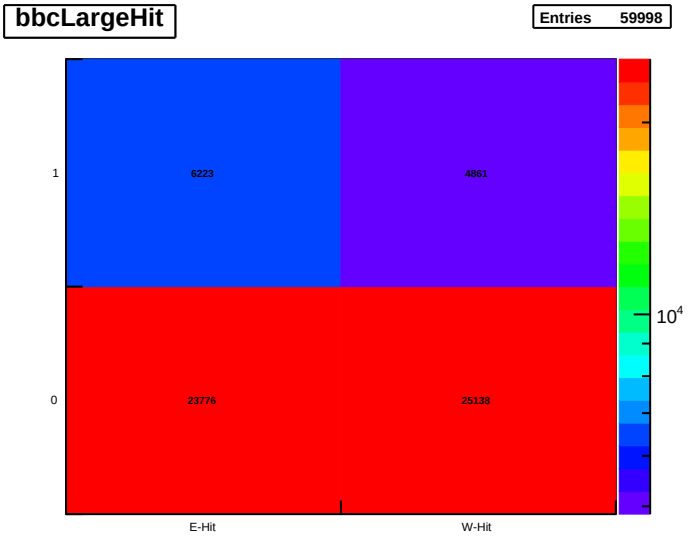

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

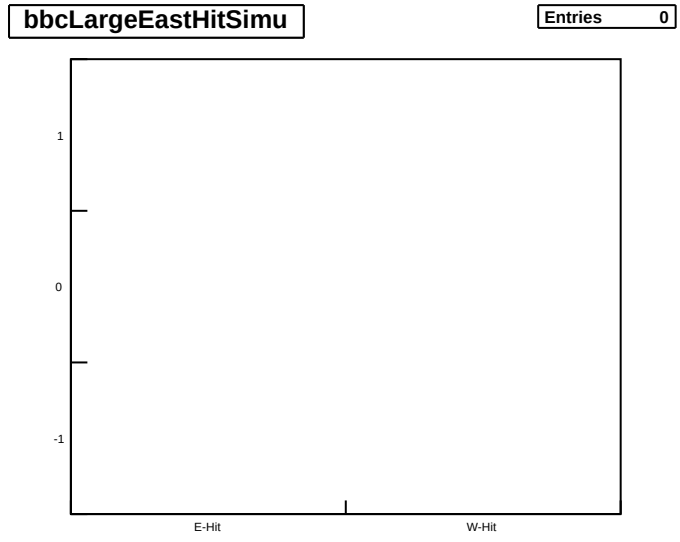

bbcSmallWestAdcSum
Entries 29999

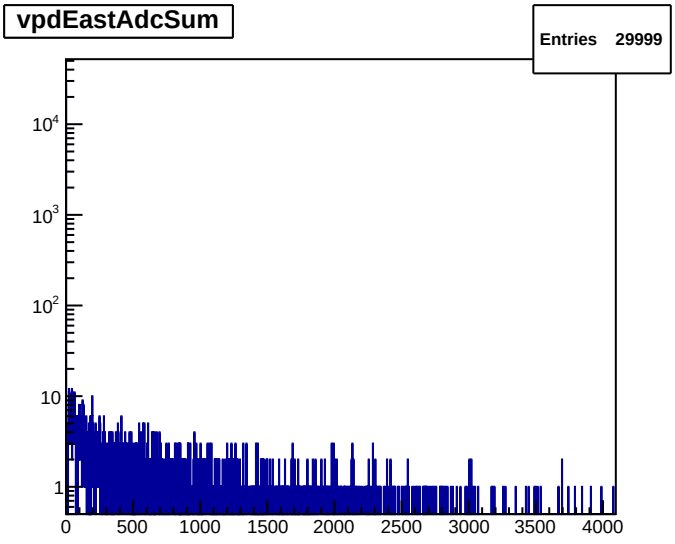

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

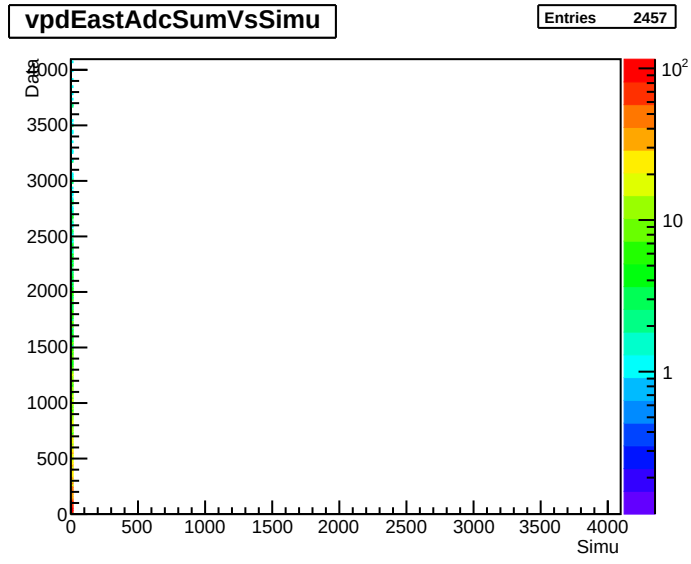

bbcSmallWestTacMax
Entries 29999

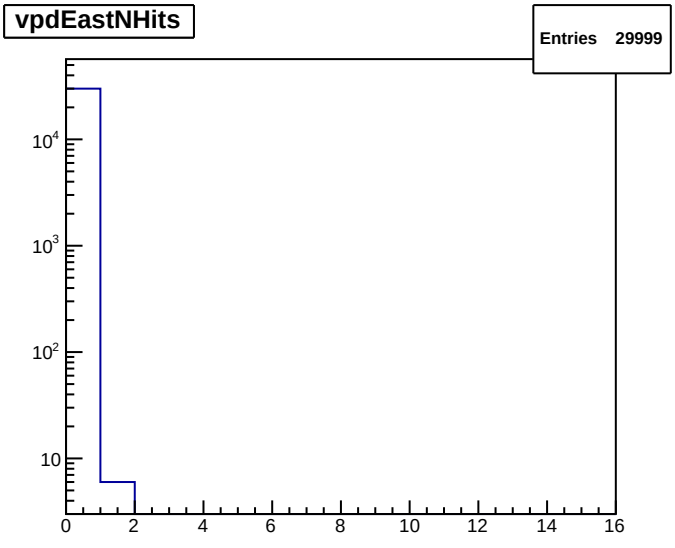

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

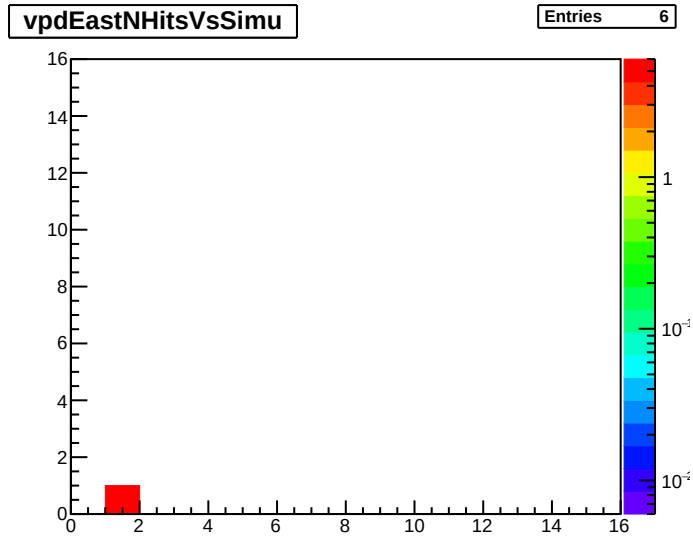

bbcLargeHit
Entries 59998
1
0
6223
4861
23776
25138
E-Hit
W-Hit
10^4

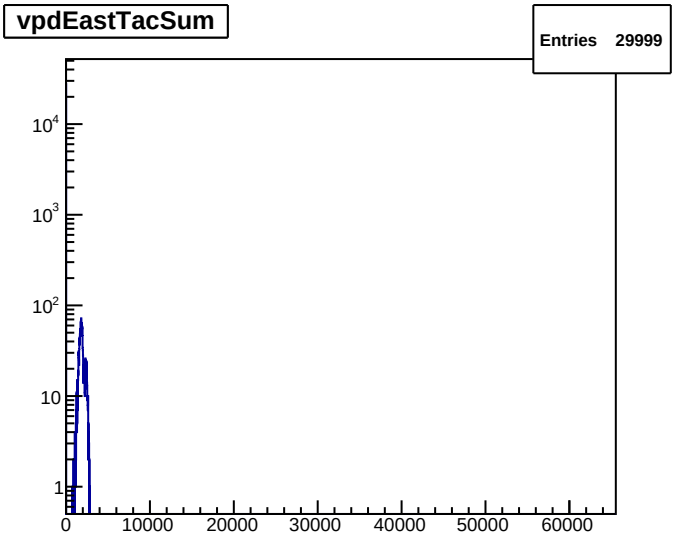

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

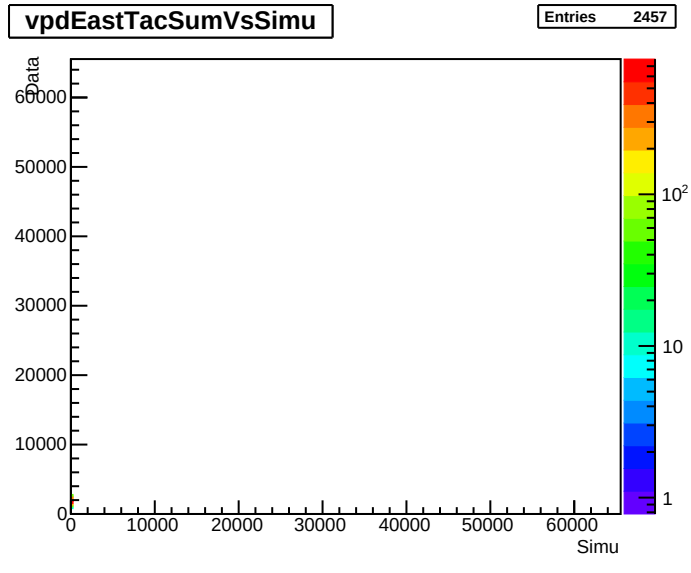

vpdEastAdcSum
Entries 29999

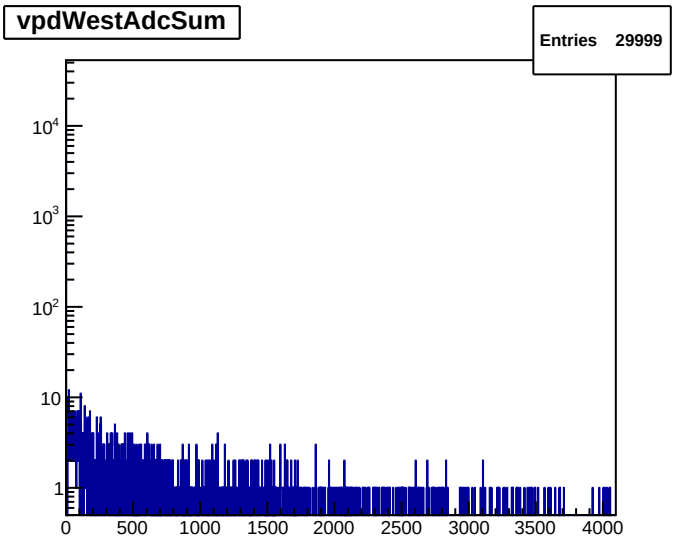

vpdEastAdcSumVsSimu
Entries 2457
Data
Simu

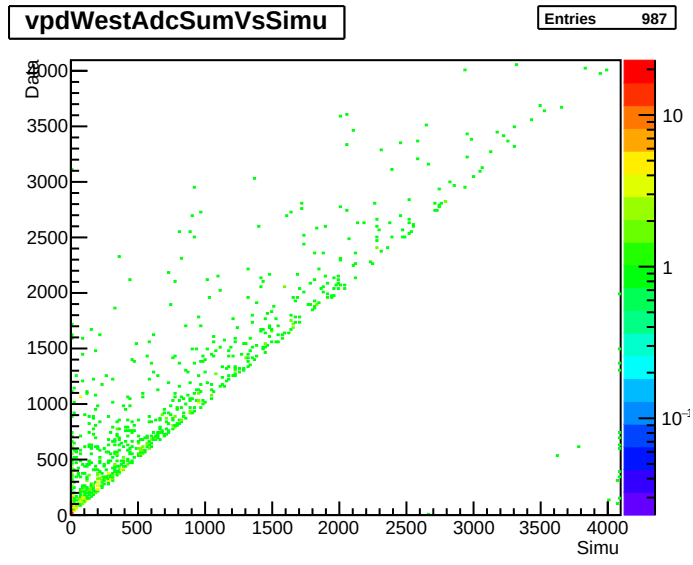

vpdEastNHits
Entries 29999

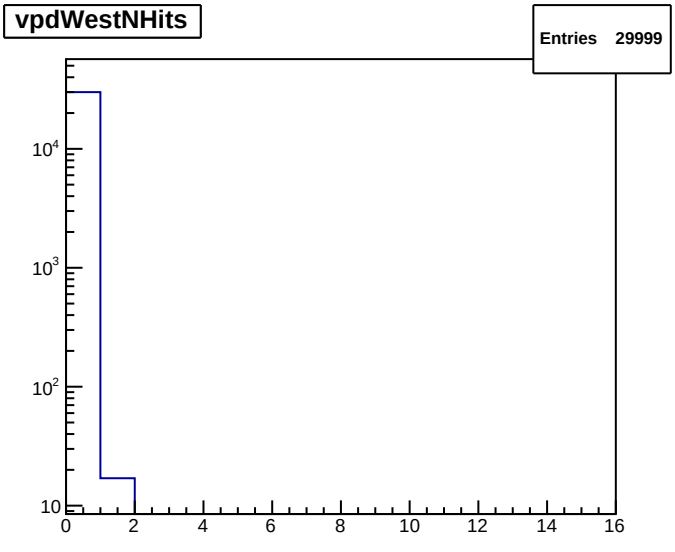

vpdEastNHitsVsSimu
Entries 6

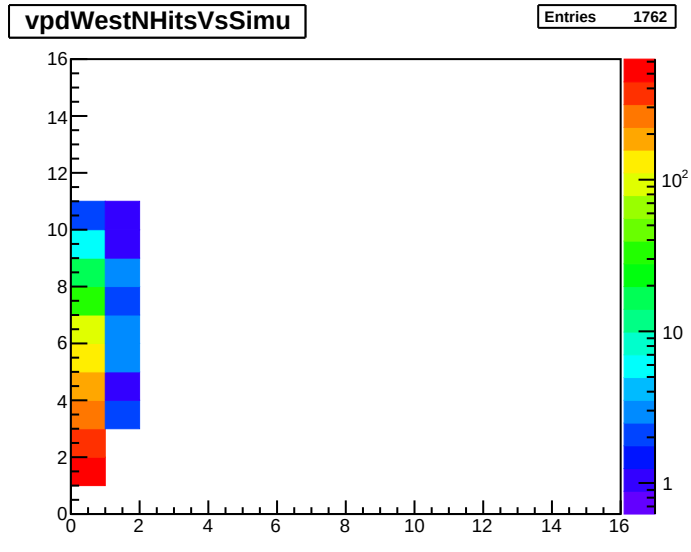

vpdEastTacSum
Entries 29999

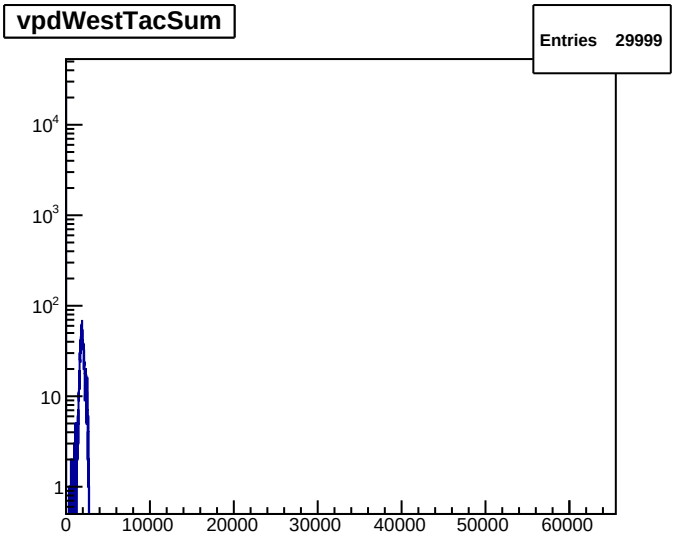

vpdEastTacSumVsSimu
Entries 2457
Data
Simu

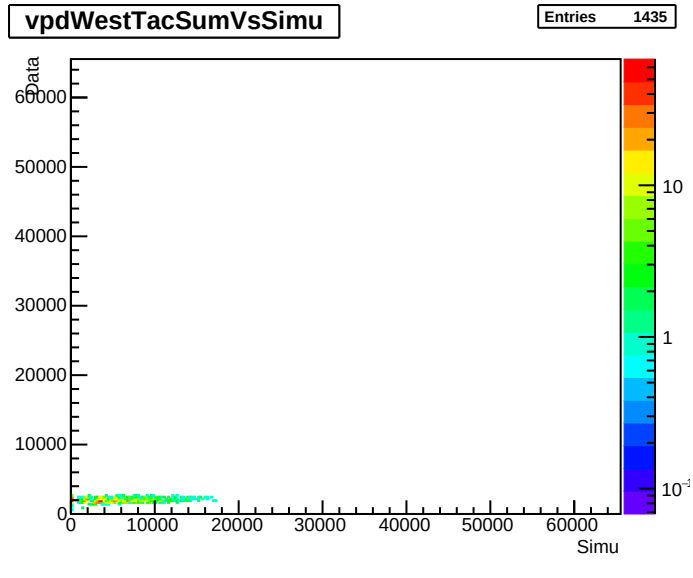

vpdWestAdcSum
Entries 29999

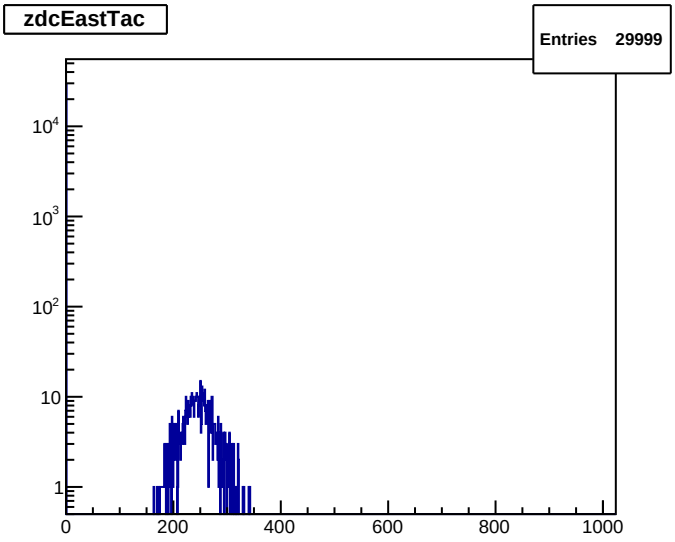

vpdWestAdcSumVsSimu
Entries 987
Data
Simu

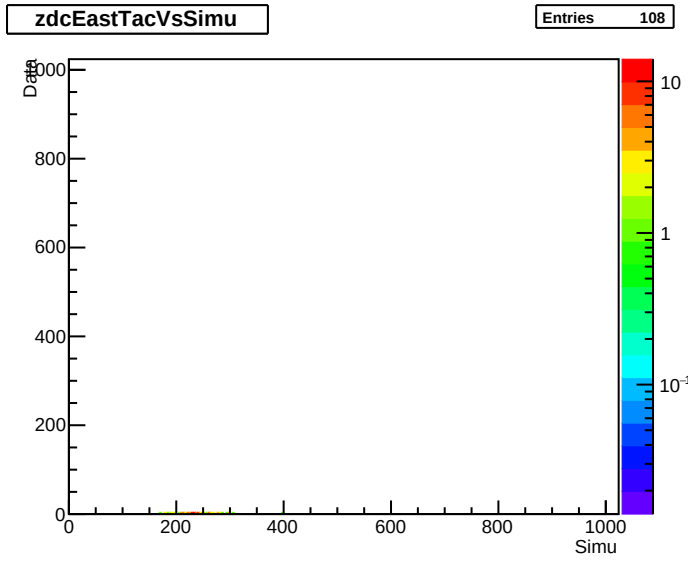

vpdWestNHits
Entries 29999

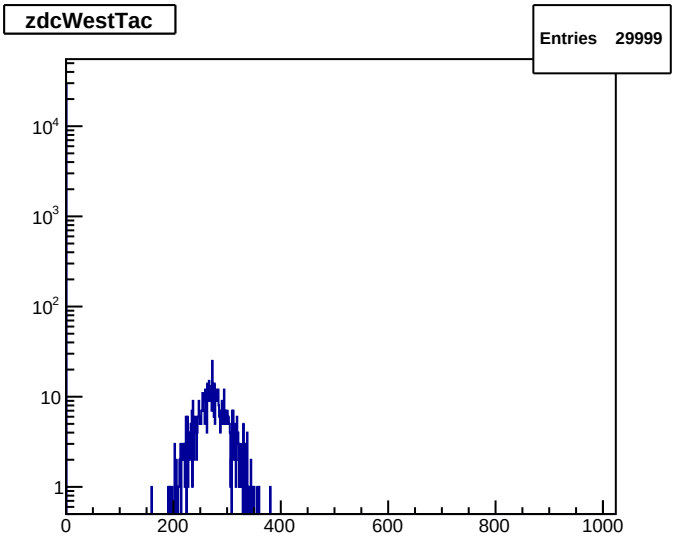

vpdWestNHitsVsSimu
Entries 1762

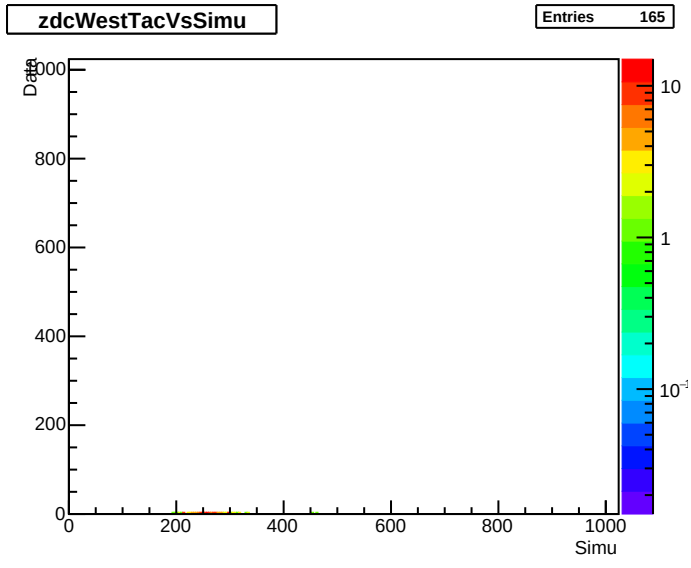

vpdWestTacSum
Entries 29999

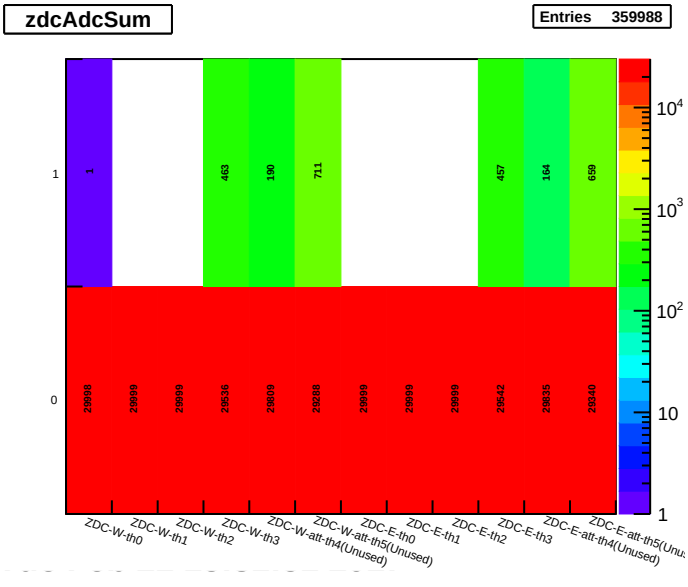

vpdWestTacSumVsSimu
Entries 1435
Data
Simu

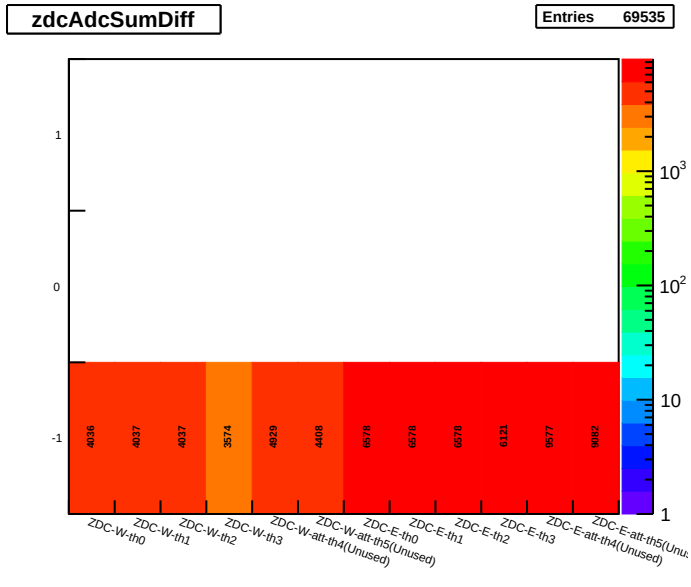

zdcEastTac
Entries 29999

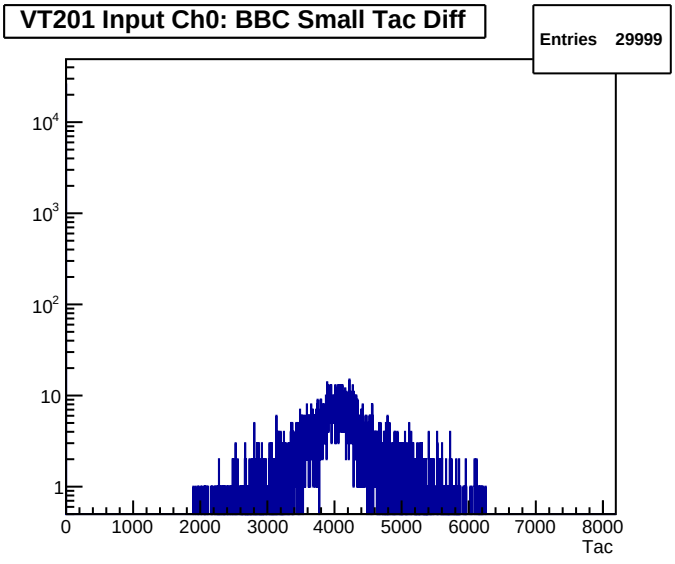

zdcEastTacVsSimu
Entries 108
Data
Simu

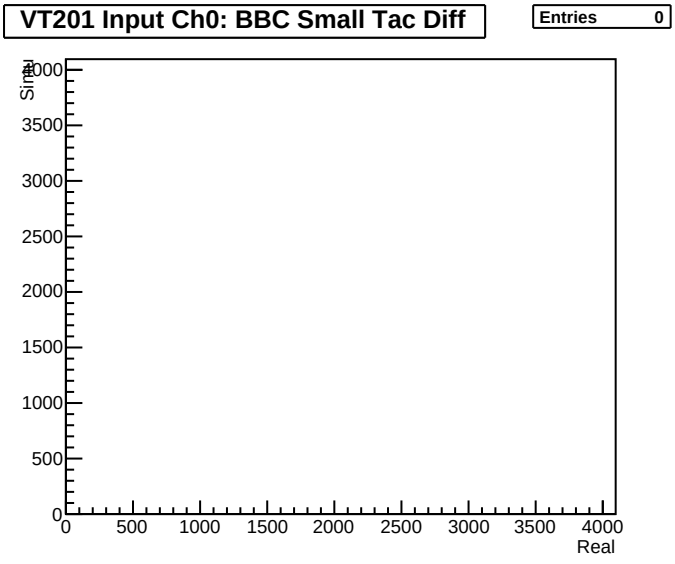

zdcWestTac
Entries 29999

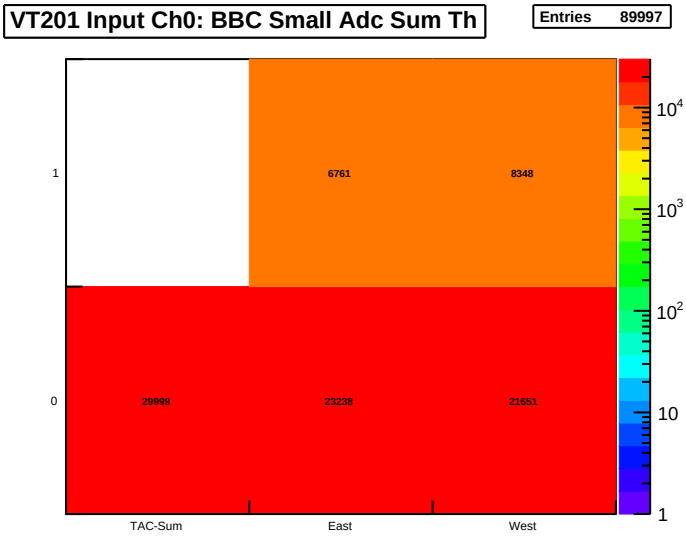

zdcWestTacVsSimu
Entries 165
Data
Simu

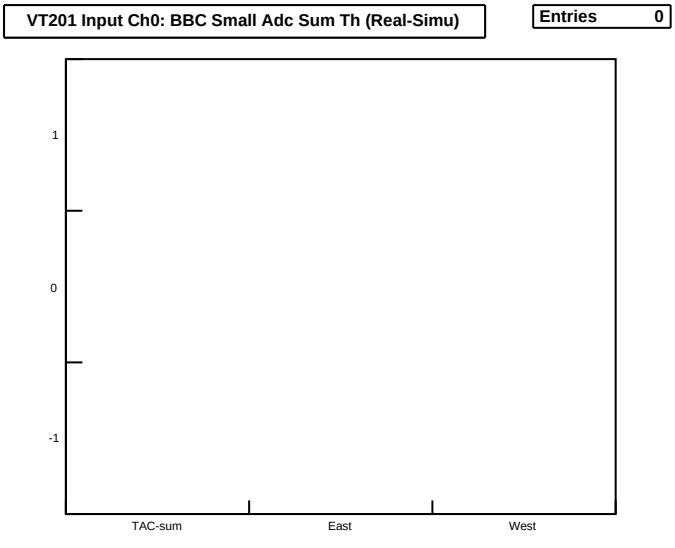

zdcAdcSum
Entries 359988
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

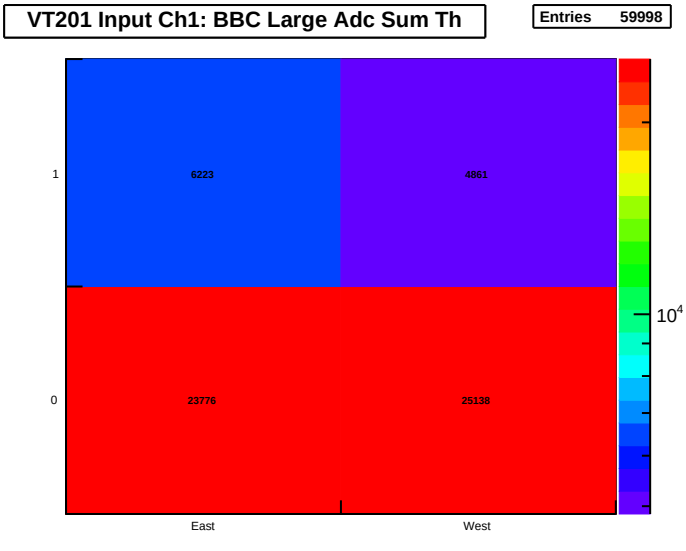

zdcAdcSumDiff
Entries 69535
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

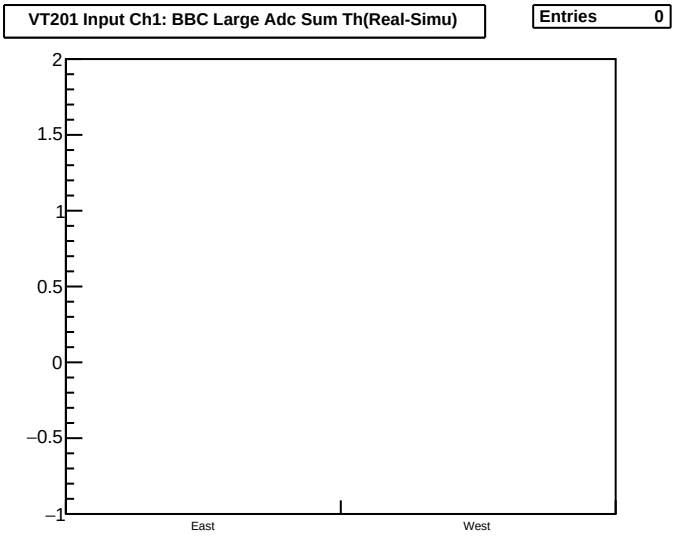

VT201 Input Ch0: BBC Small Tac Diff
Entries 29999
Tac


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

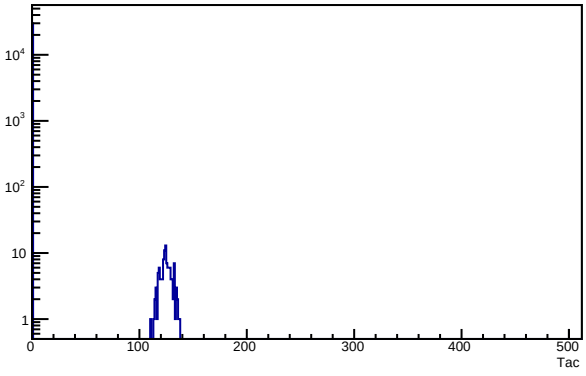

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 89997
6761
8348
29999
23238
21651
TAC-Sum
East
West


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

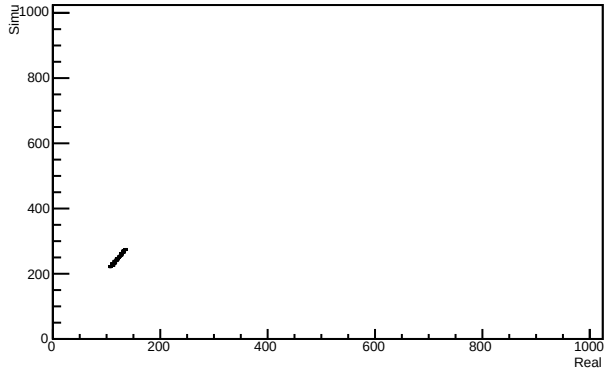

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 59998
6223
4861
23776
25138
East
West


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

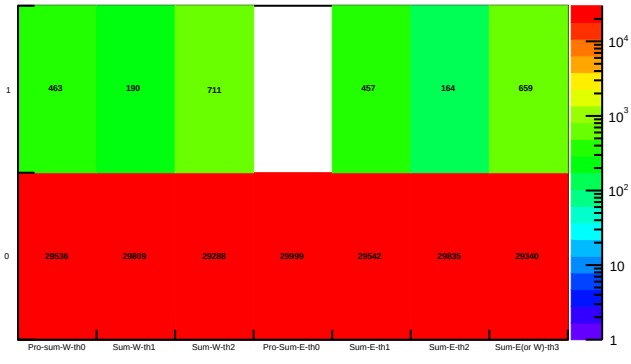
VT201 Input Ch2: ZDC Tac Diff



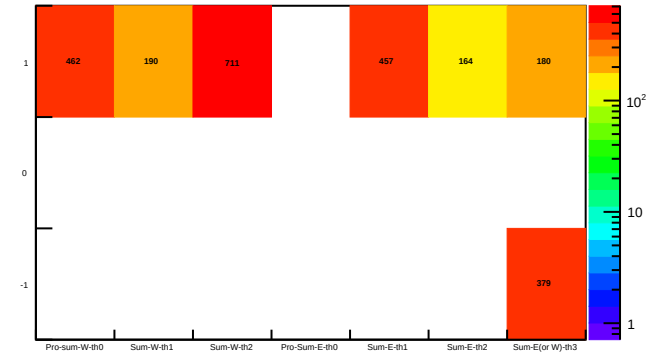
VT201 Input Ch2: ZDC Tac Diff



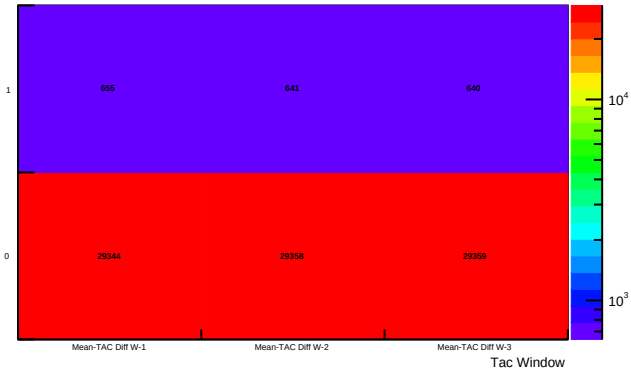
VT201 Input Ch2: ZDC Adc Sum Th



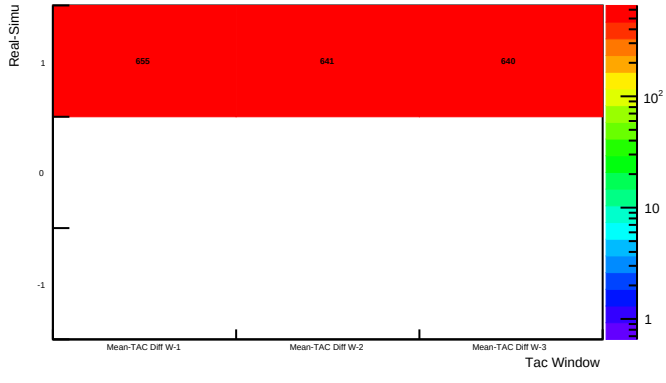
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



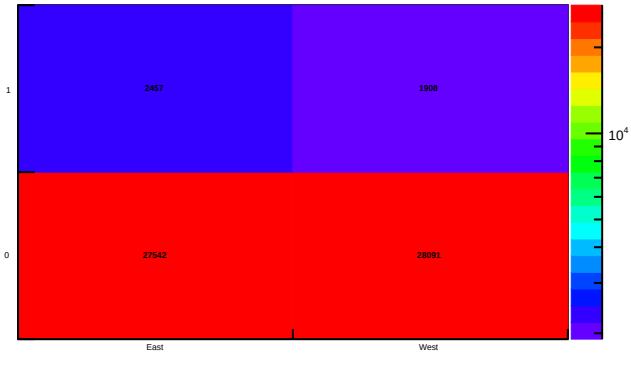
VT201 Input Ch4: VPD Tac Diff



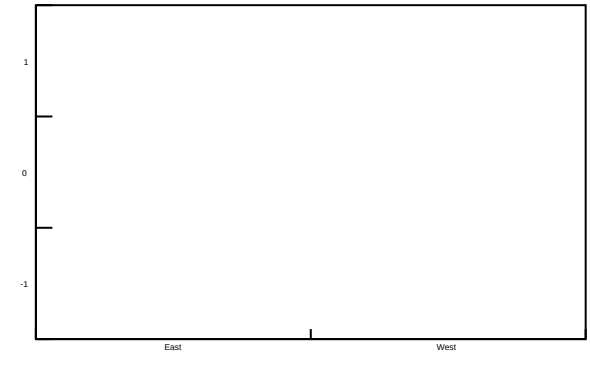
VT201 Input Ch4: VPD Tac Diff

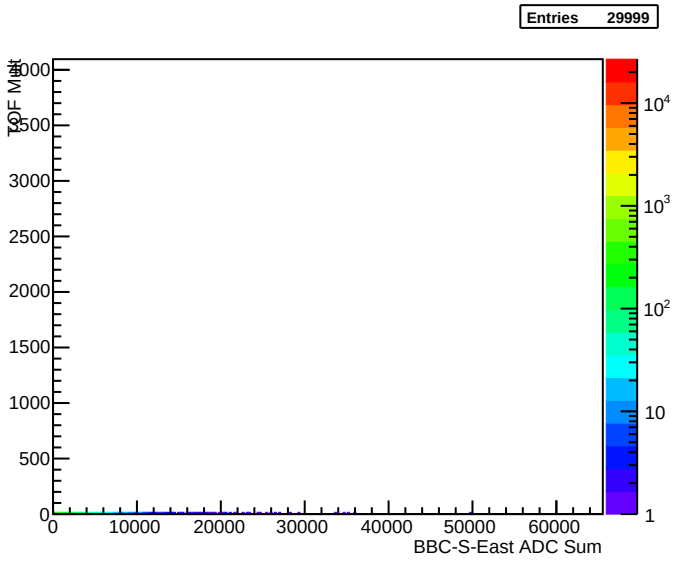


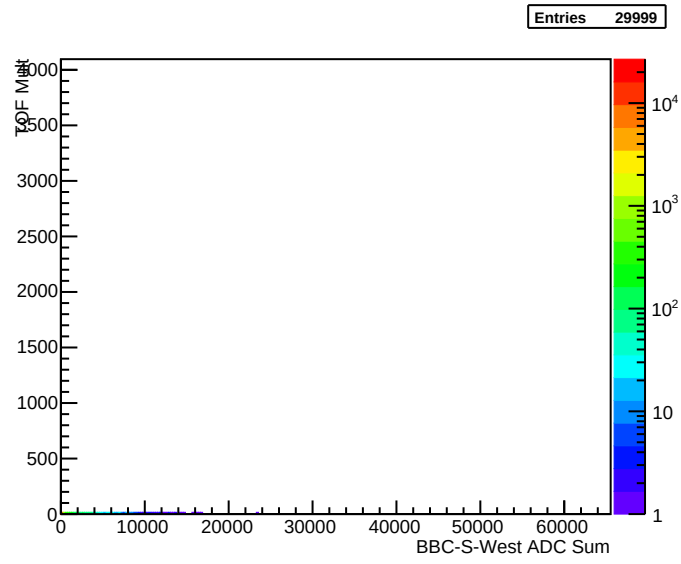
VT201 Input Ch4: VPD Adc Sum Th

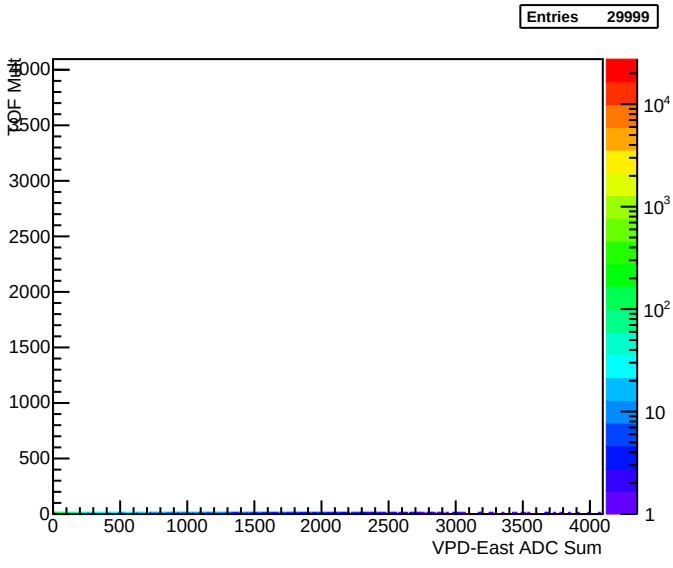


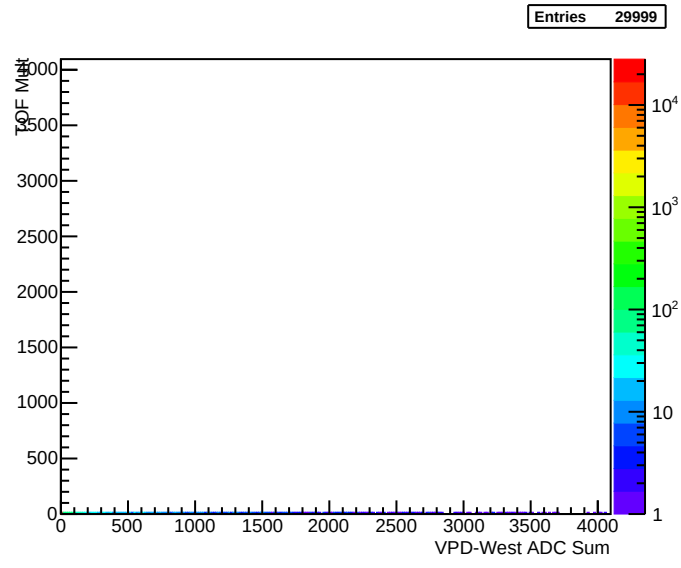
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

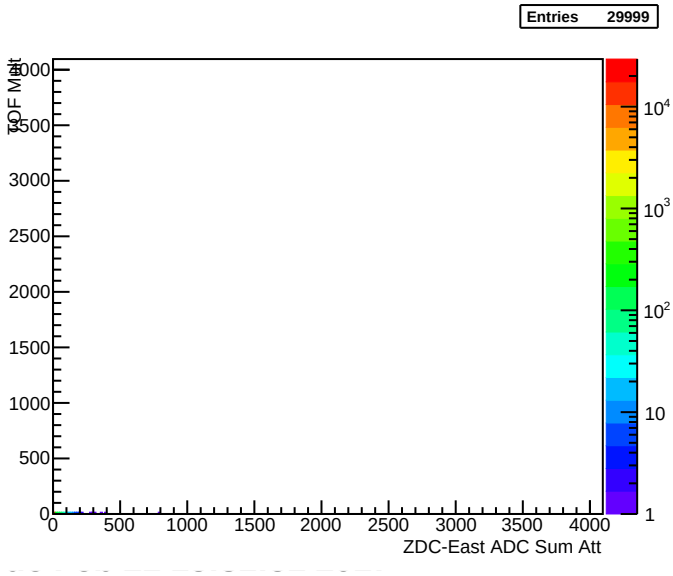


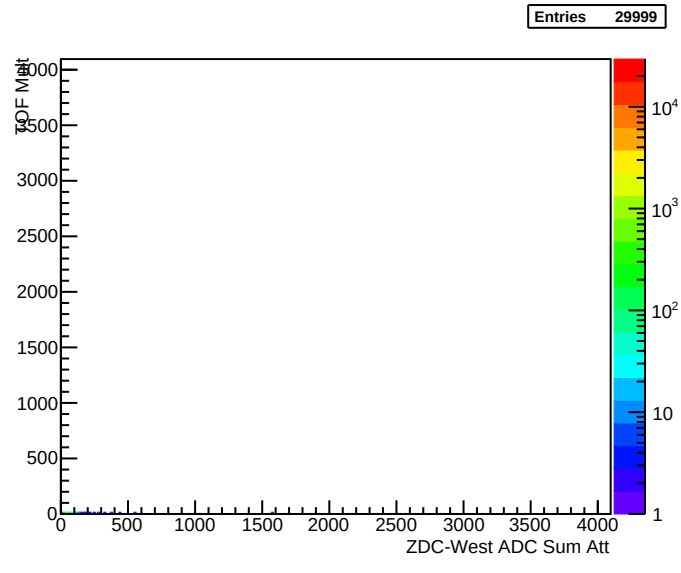

Entries 29999
TOF Mult
BBC-S-East ADC Sum

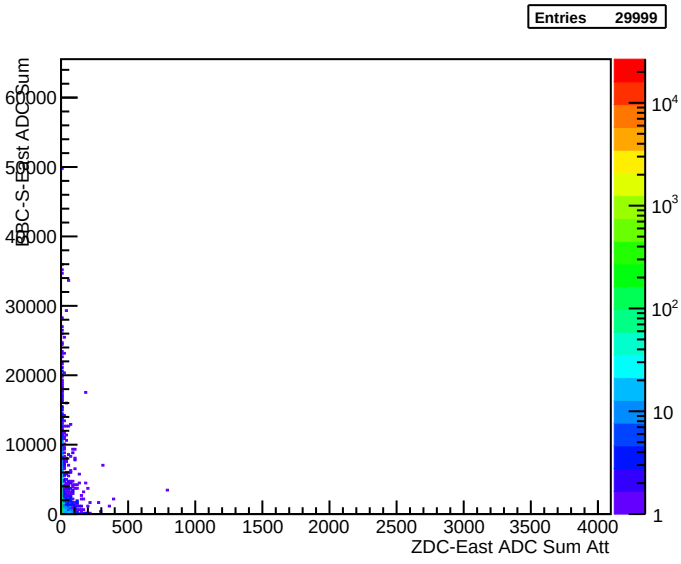

Entries 29999
TOF Mult
BBC-S-West ADC Sum

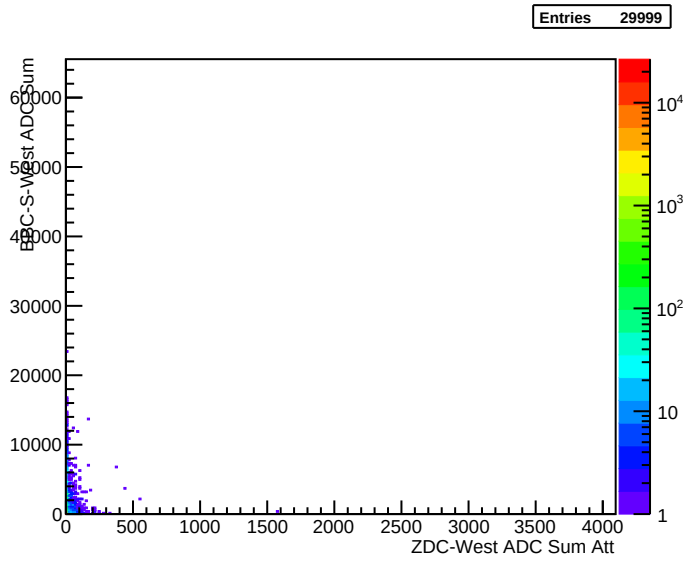

Entries 29999
TOF Mult
VPD-East ADC Sum

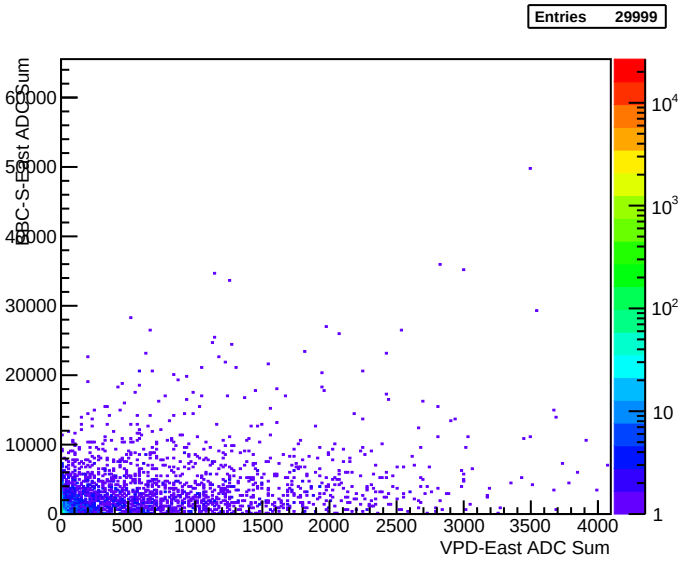

Entries 29999
TOF Mult
VPD-West ADC Sum

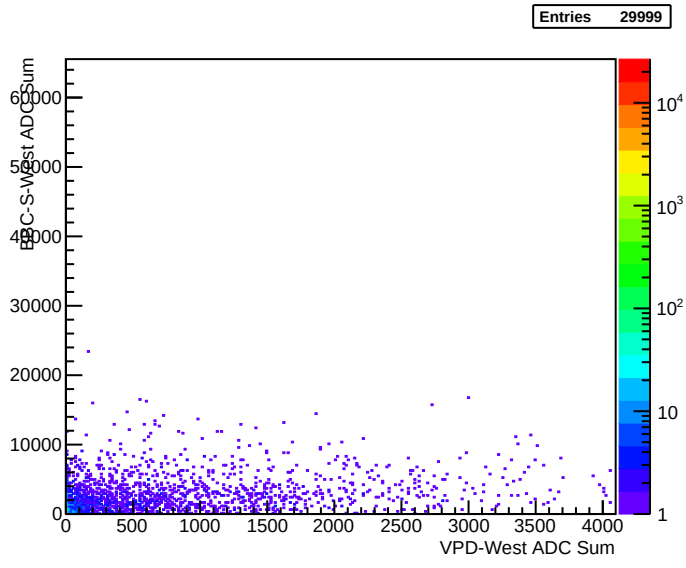

Entries 29999
TOF Mult
ZDC-East ADC Sum Att

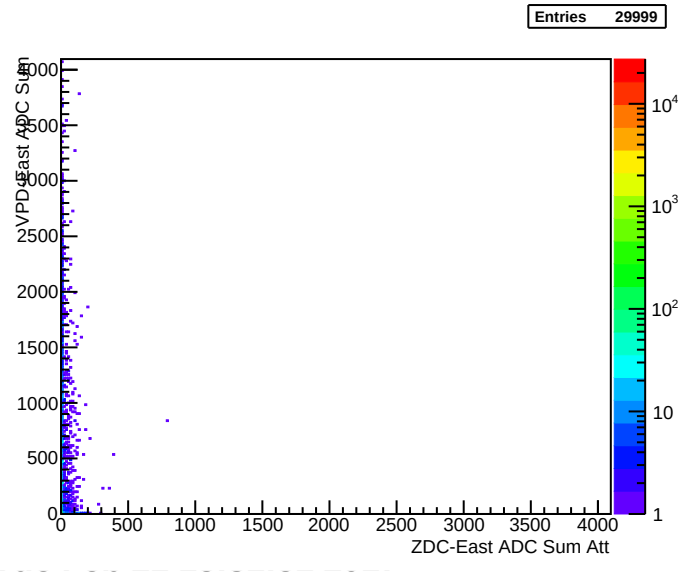

Entries 29999
TOF Mult
ZDC-West ADC Sum Att

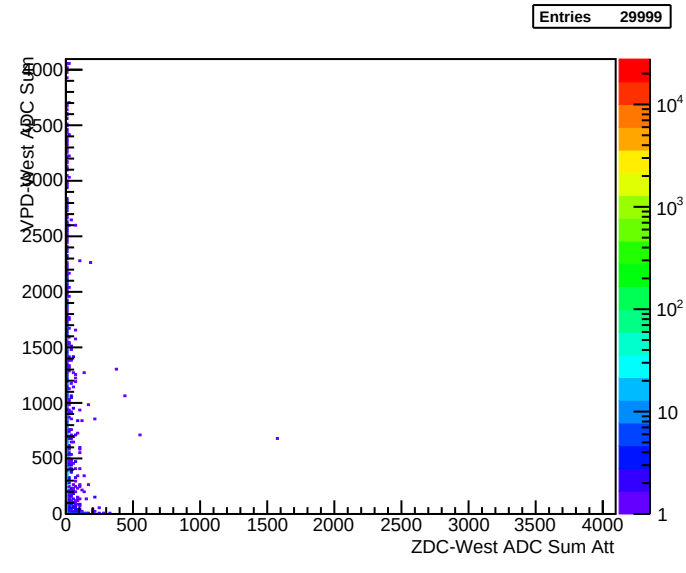

Entries 29999
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

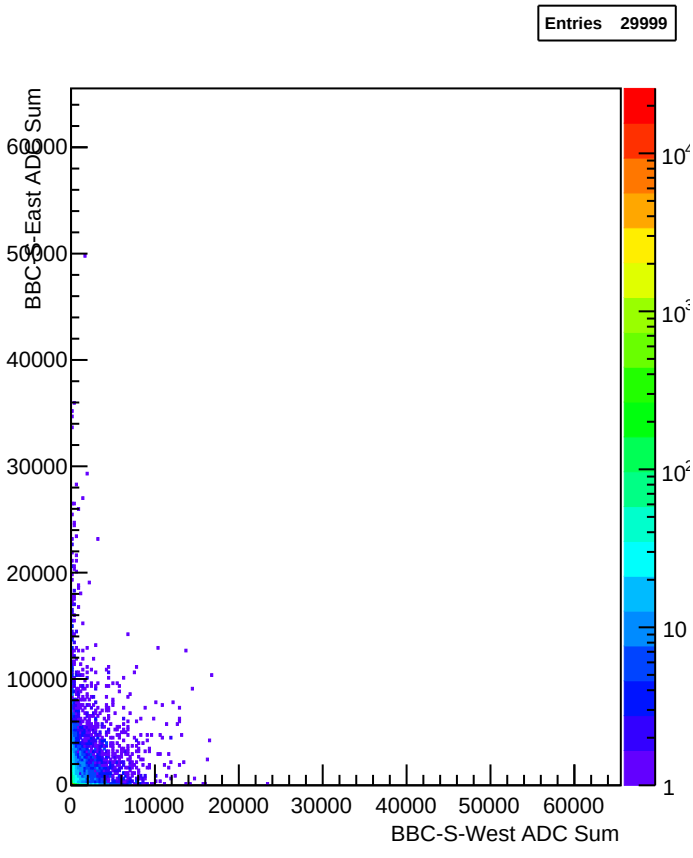

Entries 29999
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

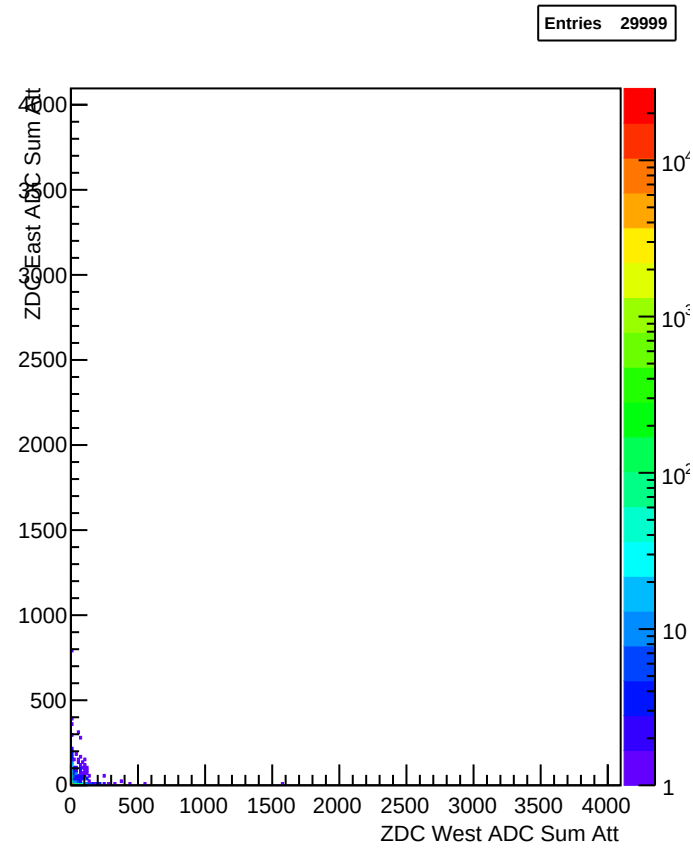

Entries 29999
BBC-S-East ADC Sum
VPD-East ADC Sum

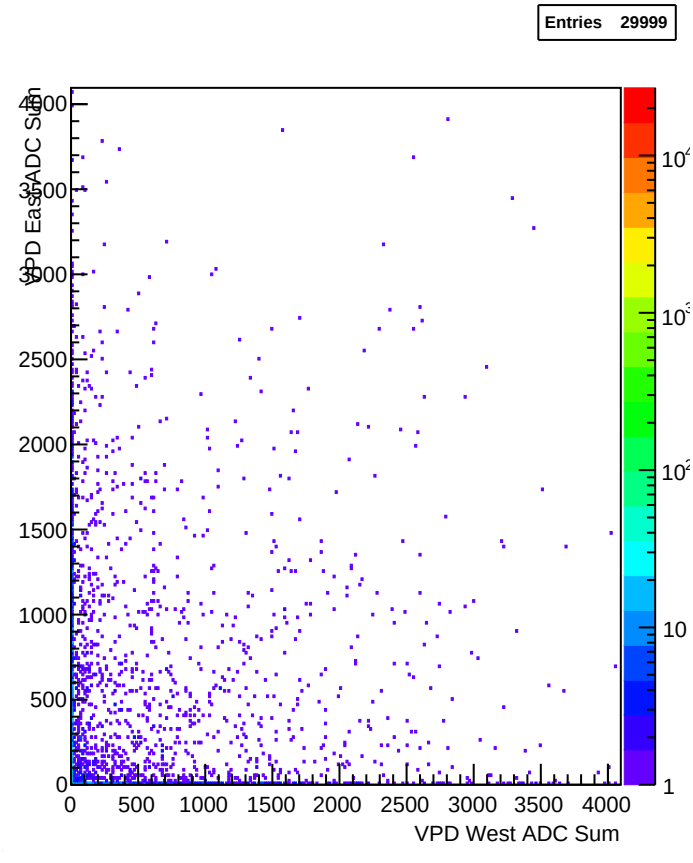

Entries 29999
BBC-S-West ADC Sum
VPD-West ADC Sum

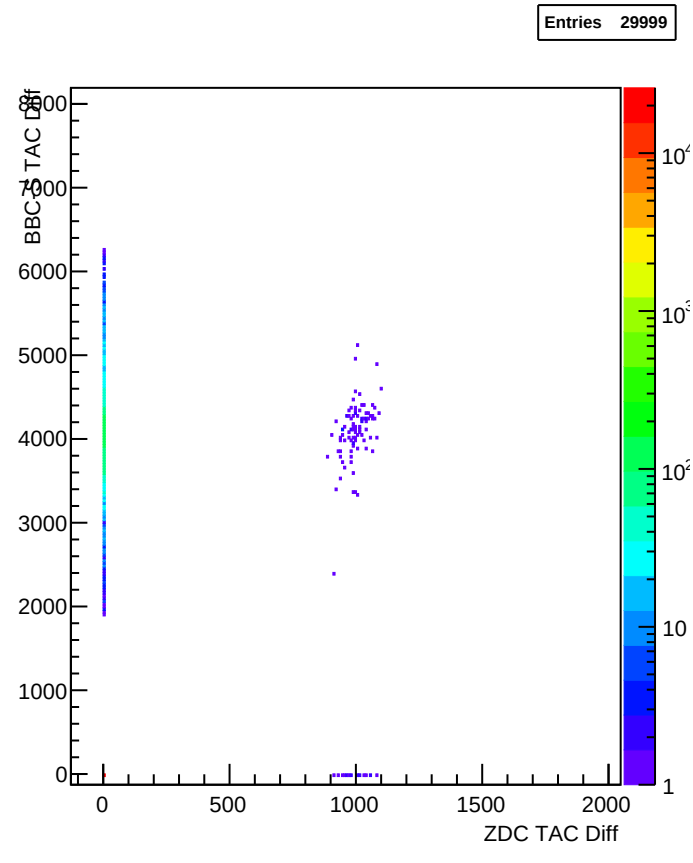

Entries 29999
VPD-East ADC Sum
ZDC-East ADC Sum Att

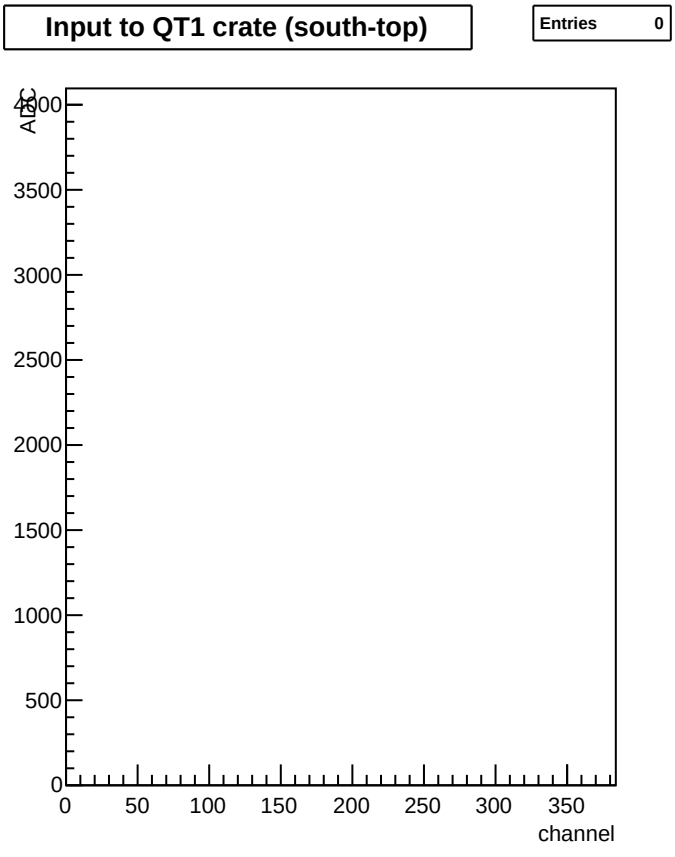

Entries 29999
VPD-West ADC Sum
ZDC-West ADC Sum Att

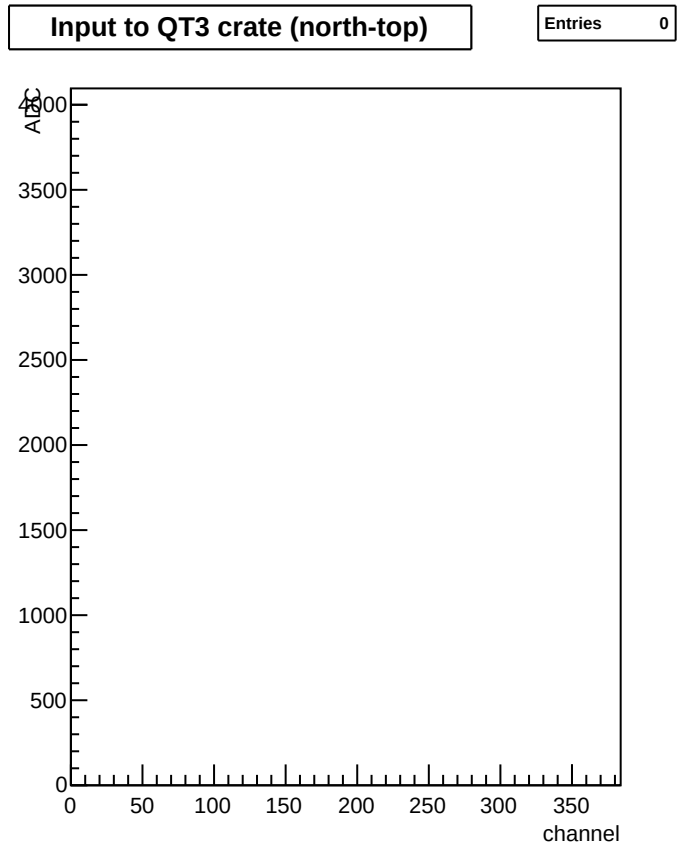

Entries 29999
BBC-S-East ADC Sum
BBC-S-West ADC Sum

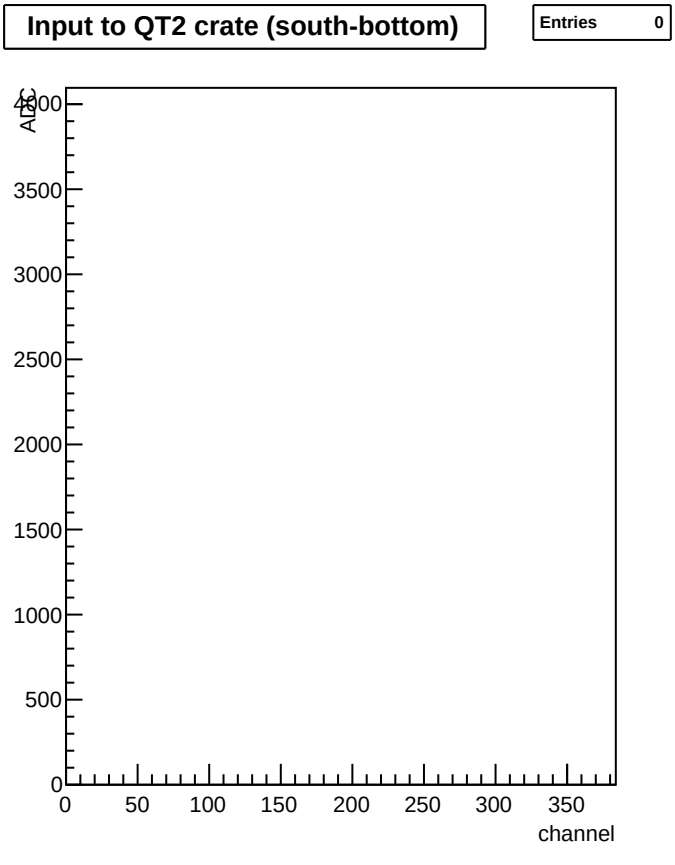

Entries 29999
ZDC East ADC Sum Att
ZDC West ADC Sum Att

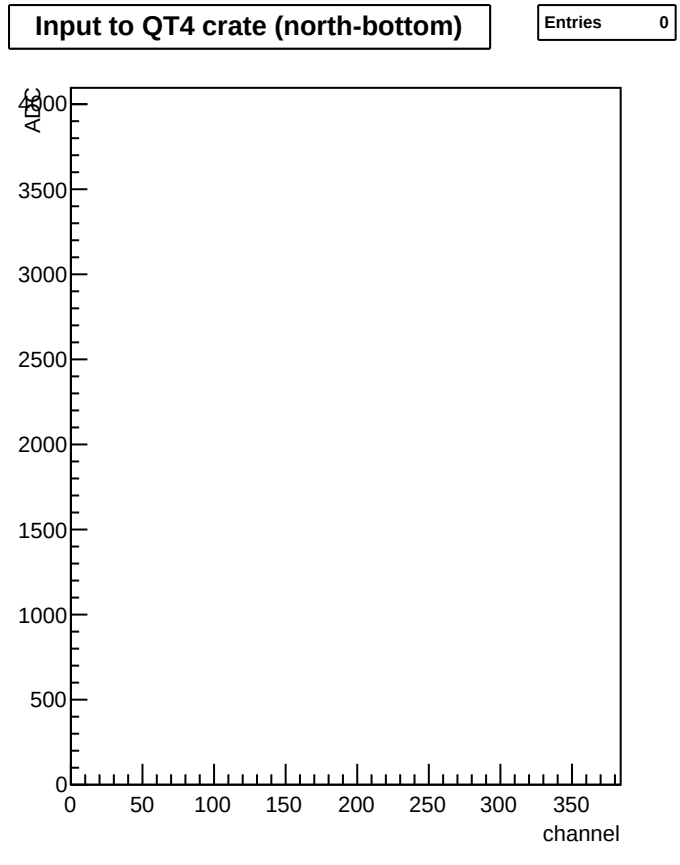

Entries 29999
VPD East ADC Sum
VPD West ADC Sum

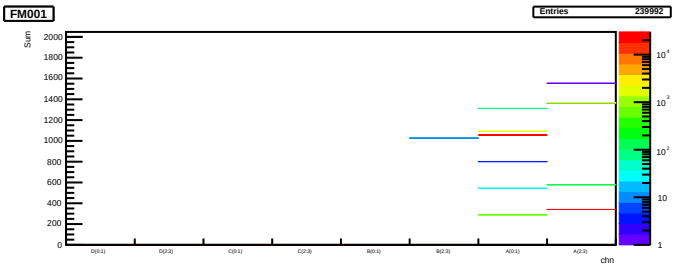

Entries 29999
BBC-S TAC Diff
ZDC TAC Diff

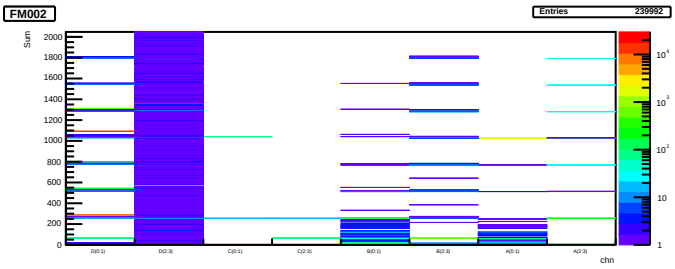

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

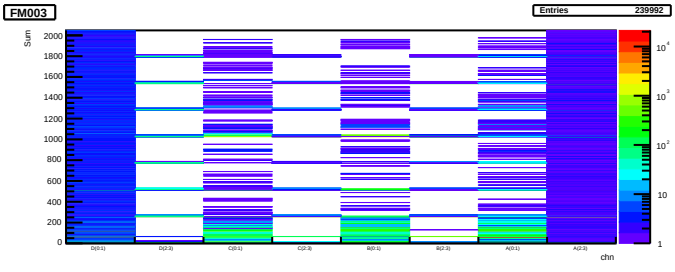

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

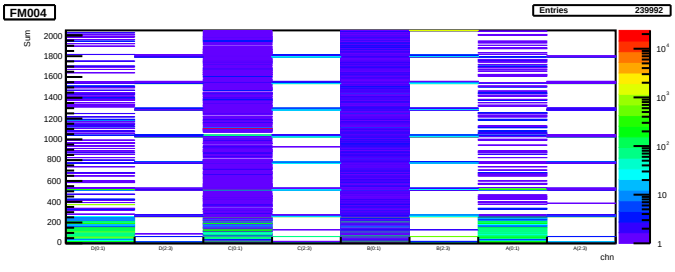

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

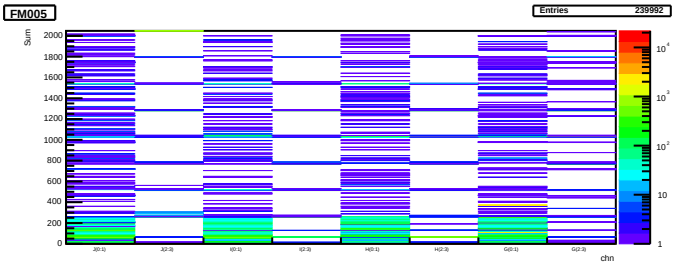

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

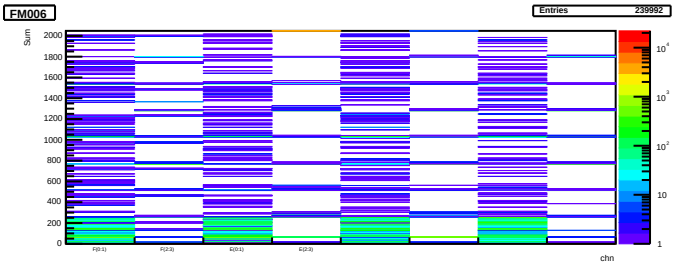

FM001
Entries 239992
Sum
chn

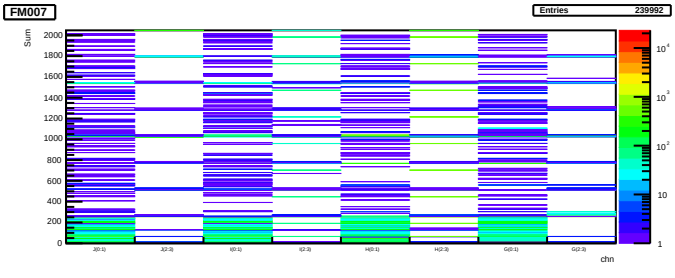

FM002
Entries 239992
Sum
chn

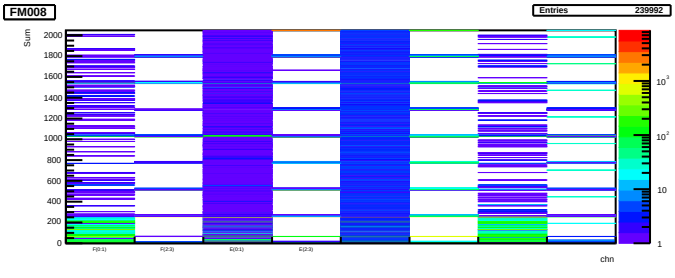

FM003
Entries 239992
Sum
chn

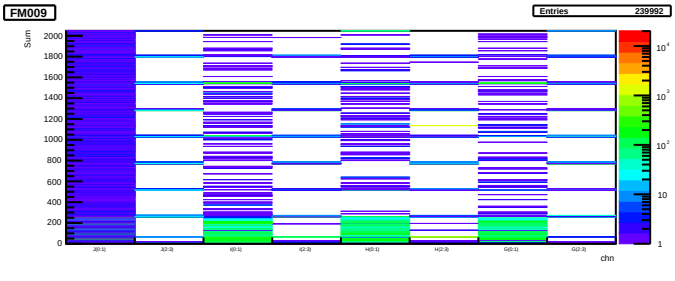

FM004
Entries 239992
Sum
chn

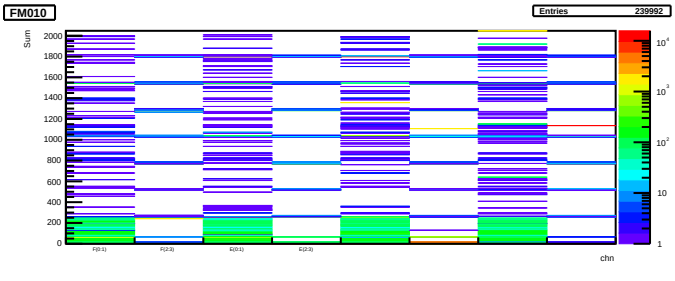

FM005
Entries 239992
Sum
chn

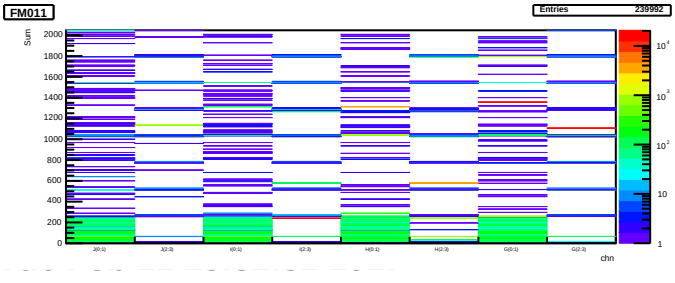

FM006
Entries 239992
Sum
chn

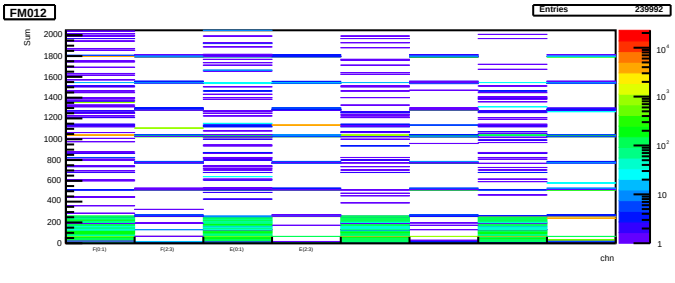

FM007
Entries 239992
Sum
chn

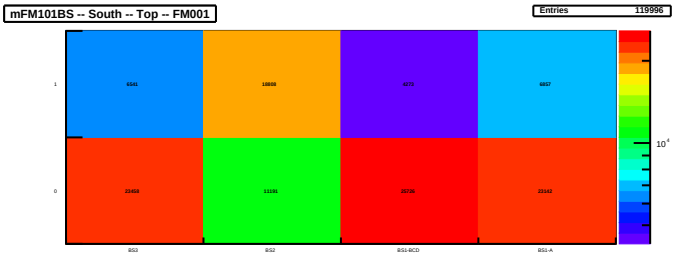

FM008
Entries 239992
Sum
chn

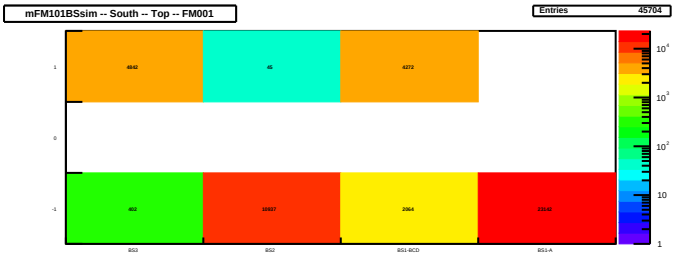

FM009
Entries 239992
Sum
chn

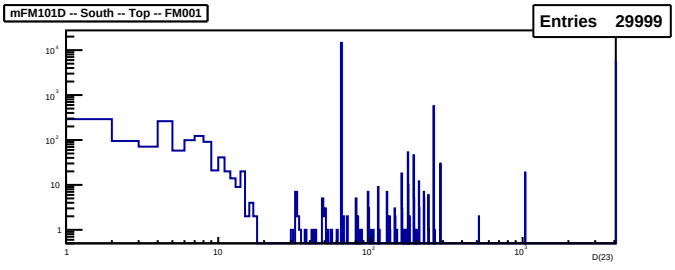

FM010
Entries 239992
Sum
chn

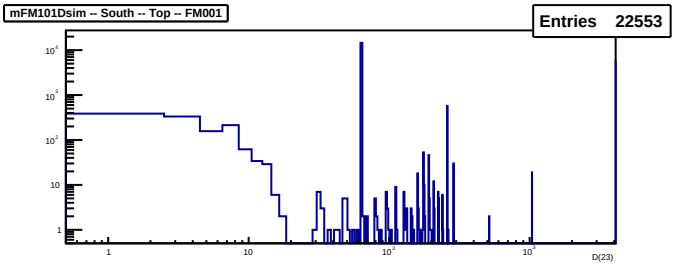

FM011
Entries 239992
Sum
chn

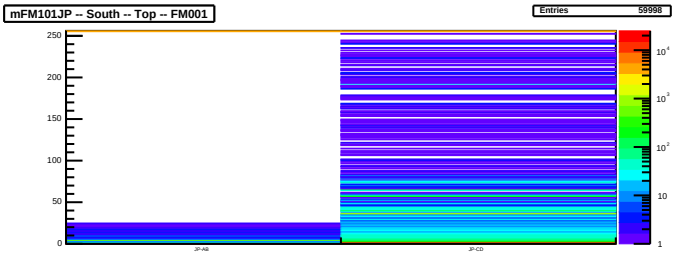

FM012
Entries 239992
Sum
chn

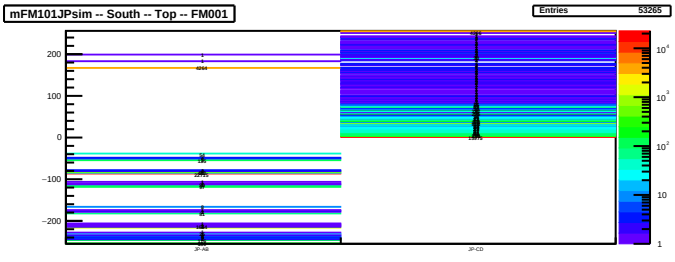

mFM101BS -- South -- Top -- FM001
Entries 119996

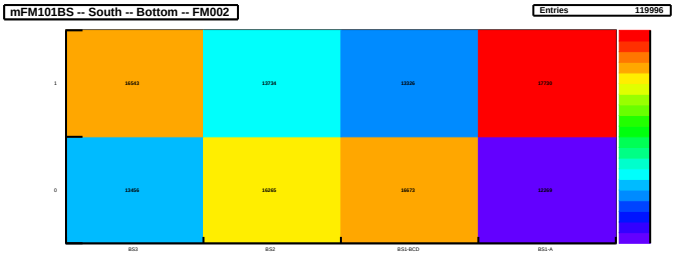

mFM101BSsim -- South -- Top -- FM001
Entries 45704

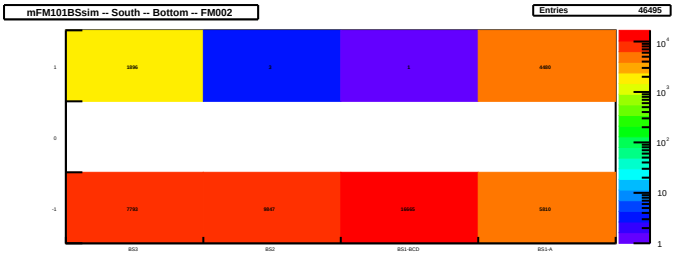

mFM101D -- South -- Top -- FM001
Entries 29999
D(23)

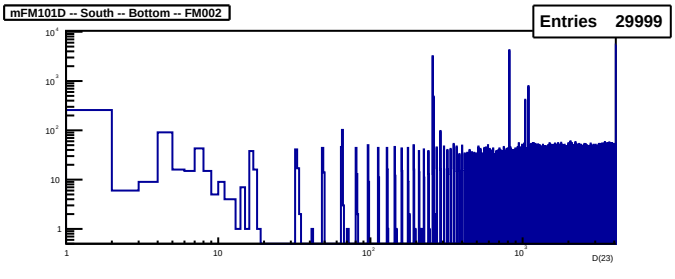

mFM101Dsim -- South -- Top -- FM001
Entries 22553
D(23)

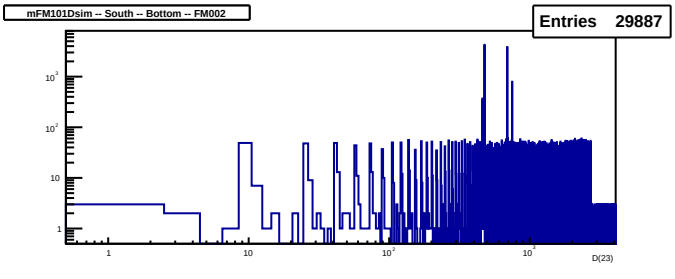

mFM101JP -- South -- Top -- FM001
Entries 59998

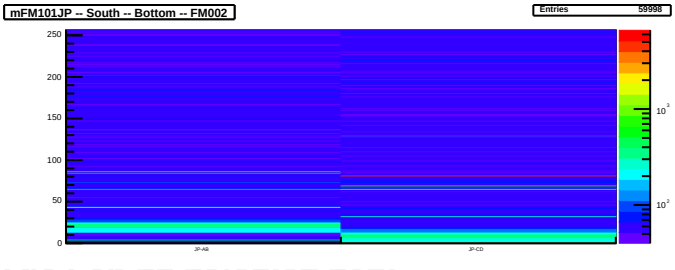

mFM101JPsim -- South -- Top -- FM001
Entries 53265

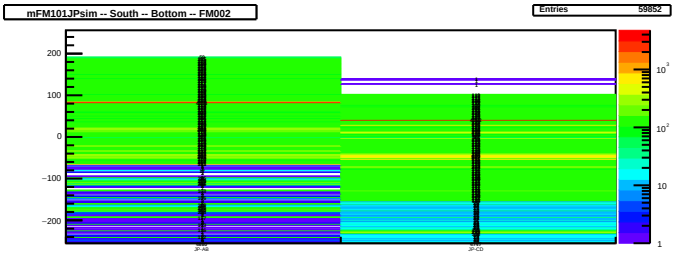

mFM101BS -- South -- Bottom -- FM002
Entries 119996

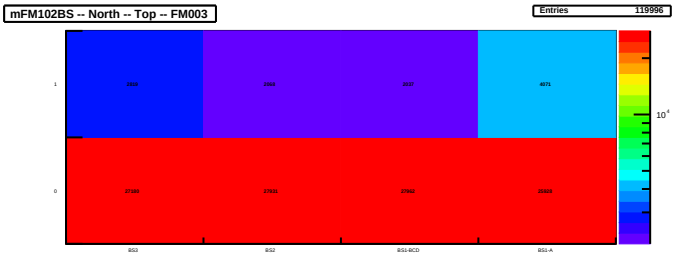

mFM101BSsim -- South -- Bottom -- FM002
Entries 46495

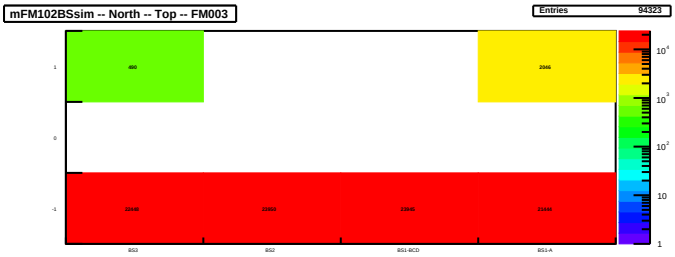

mFM101D -- South -- Bottom -- FM002
Entries 29999
D(23)

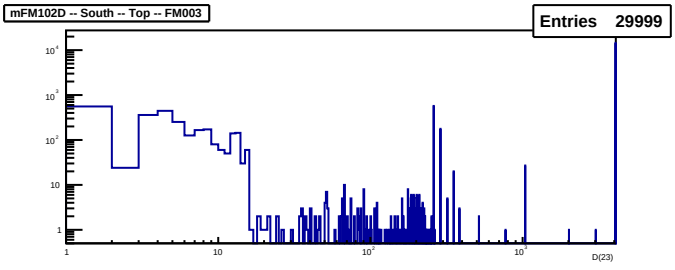

mFM101Dsim -- South -- Bottom -- FM002
Entries 29887
D(23)

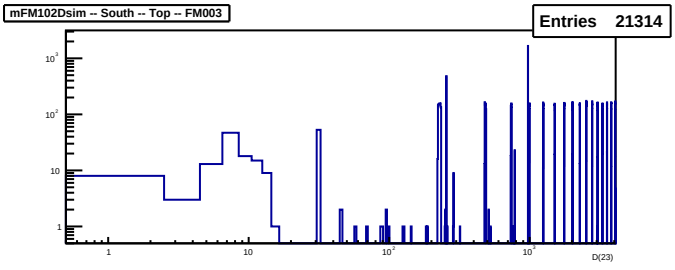

mFM101JP -- South -- Bottom -- FM002
Entries 59998

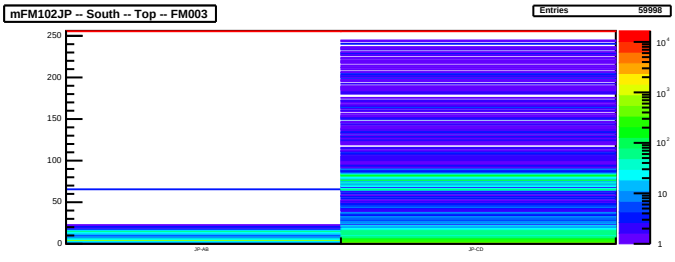

mFM101JPsim -- South -- Bottom -- FM002
Entries 59852

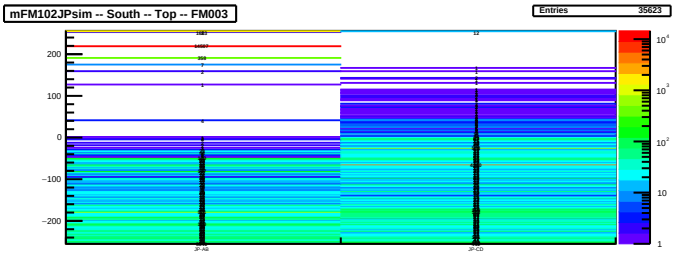

mFM102BS -- North -- Top -- FM003
Entries 119996

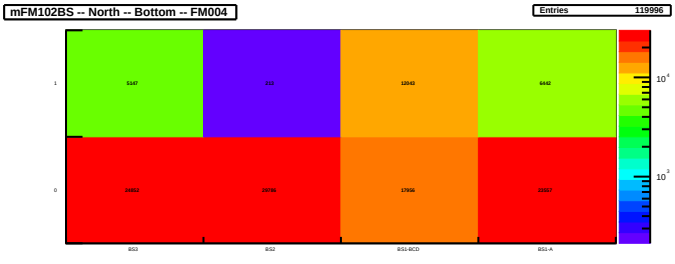

mFM102BSsim -- North -- Top -- FM003
Entries 94323

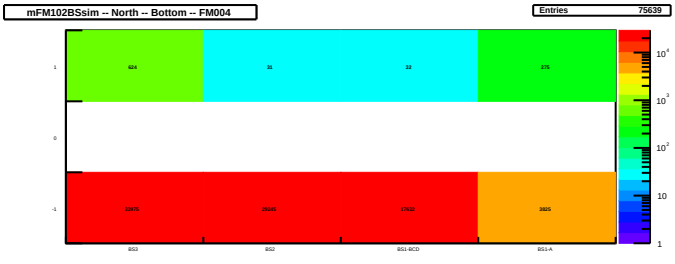

mFM102D -- South -- Top -- FM003
Entries 29999
D(23)

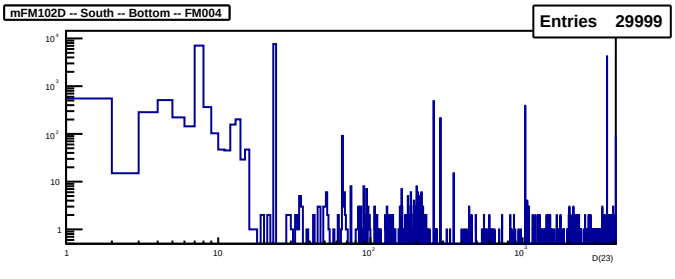

mFM102Dsim -- South -- Top -- FM003
Entries 21314
D(23)

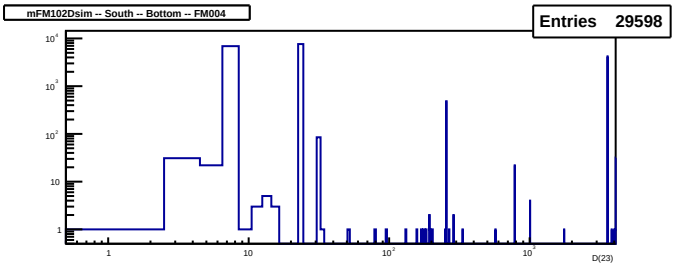

mFM102JP -- South -- Top -- FM003
Entries 59998

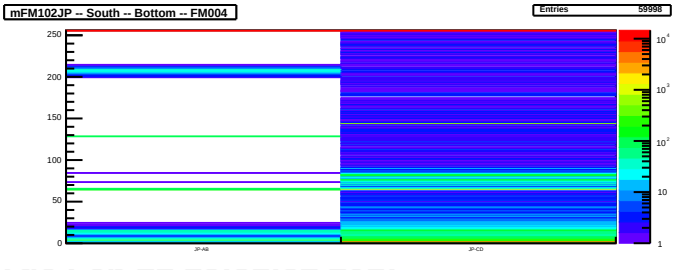

mFM102JPsim -- South -- Top -- FM003
Entries 35623

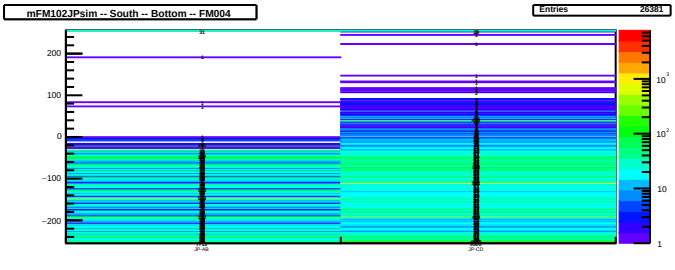

mFM102BS -- North -- Bottom -- FM004
Entries 119996

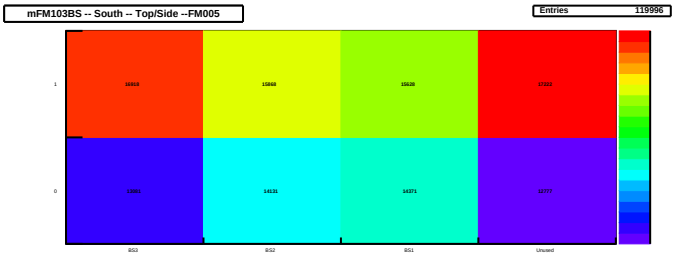

mFM102BSsim -- North -- Bottom -- FM004
Entries 75639

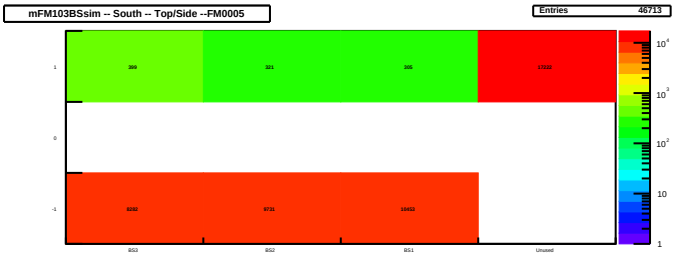

mFM102D -- South -- Bottom -- FM004
Entries 29999
D(23)

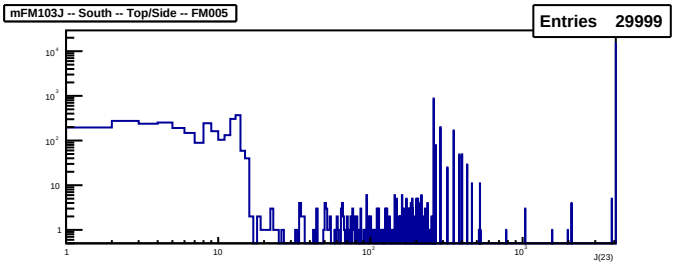

mFM102Dsim -- South -- Bottom -- FM004
Entries 29598
D(23)

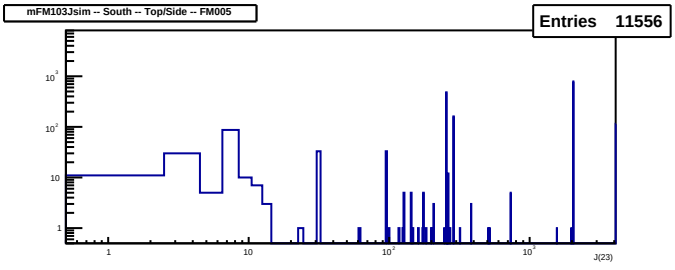

mFM102JP -- South -- Bottom -- FM004
Entries 59998

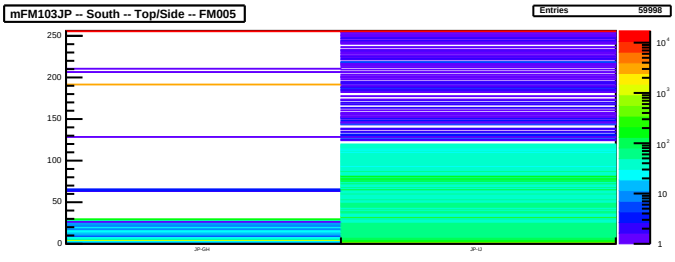

mFM102JPsim -- South -- Bottom -- FM004
Entries 26381

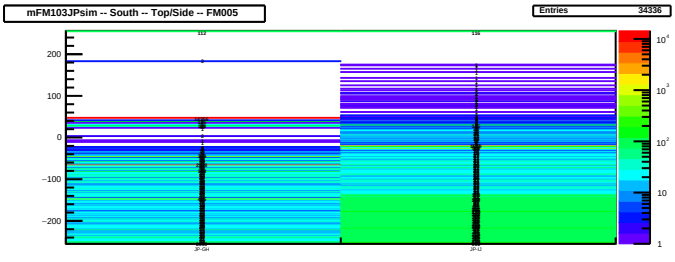

mFM103BS -- South -- Top/Side --FM005
Entries 119996
16818
15868
15628
17222
13061
14131
14371
12777
BS3
BS2
BS1
Unused

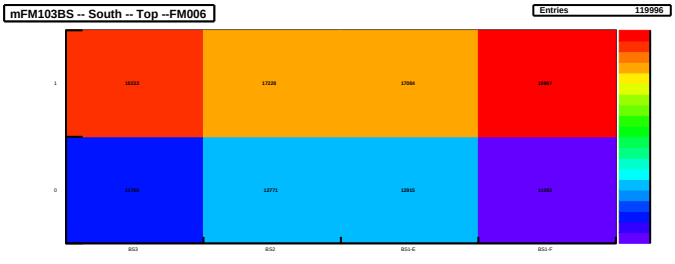

mFM103BSsim -- South -- Top/Side --FM0005
Entries 46713
399
321
386
17222
8292
9731
10453
BS3
BS2
BS1
Unused

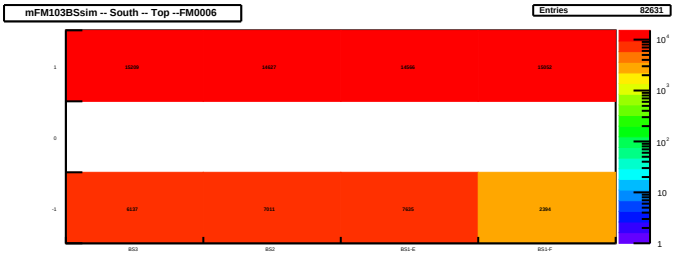

mFM103J -- South -- Top/Side -- FM005
Entries 29999
J(23)

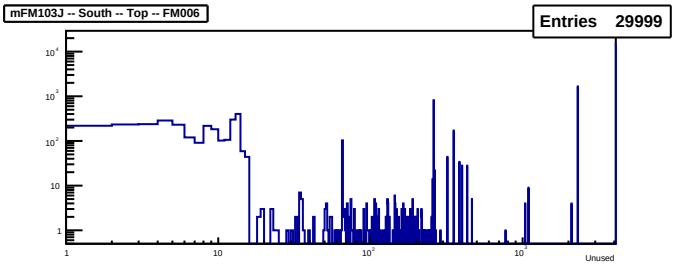

mFM103Jsim -- South -- Top/Side -- FM005
Entries 11556
J(23)

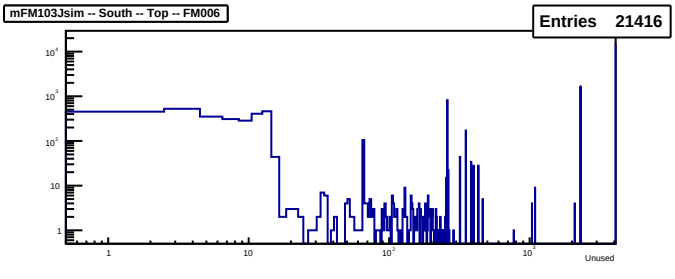

mFM103JP -- South -- Top/Side -- FM005
Entries 59998
JP-GH
JP-U

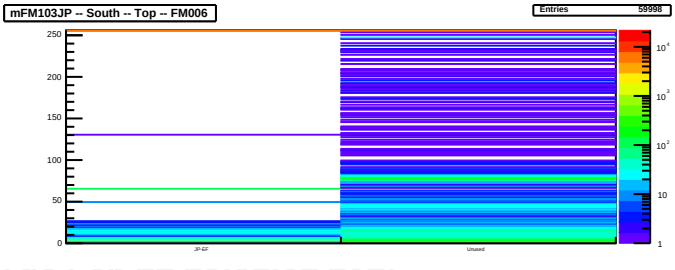

mFM103JPsim -- South -- Top/Side -- FM005
Entries 34336
JP-GH
JP-U

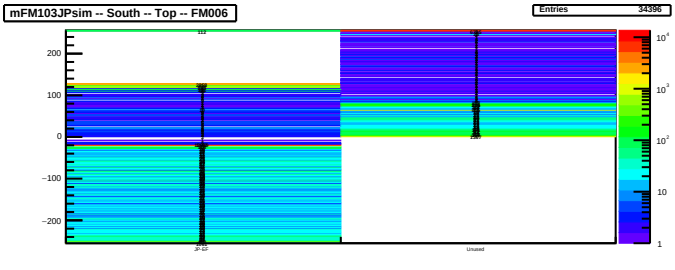

mFM103BS -- South -- Top --FM006
Entries 119996
18333
17228
17084
16907
11761
12771
12915
11592
BS3
BS2
BS1-E
BS1-F

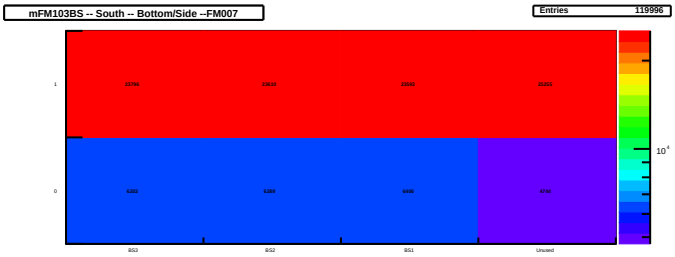

mFM103BSsim -- South -- Top --FM0006
Entries 82631
15249
14627
14566
15252
6137
7011
7435
2384
BS3
BS2
BS1-E
BS1-F

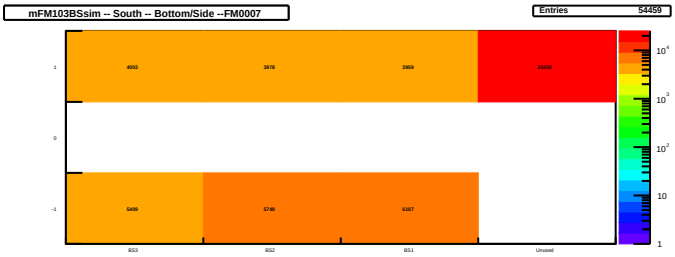

mFM103J -- South -- Top -- FM006
Entries 29999
Unused

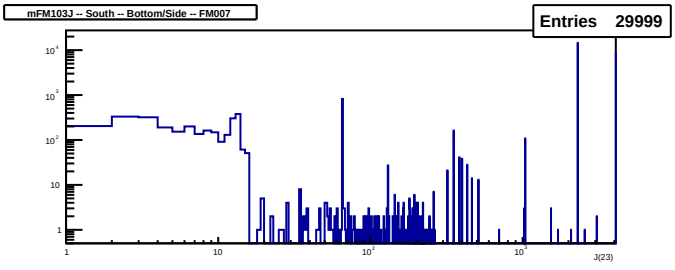

mFM103Jsim -- South -- Top -- FM006
Entries 21416
Unused

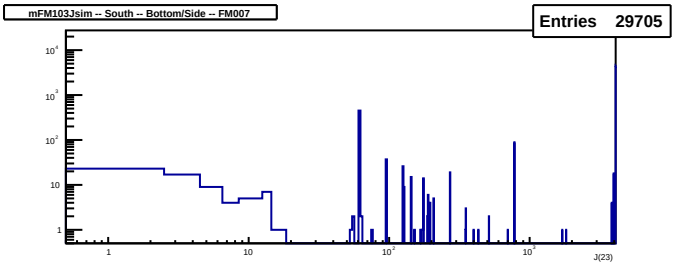

mFM103JP -- South -- Top -- FM006
Entries 59998
JP-EF
Unused

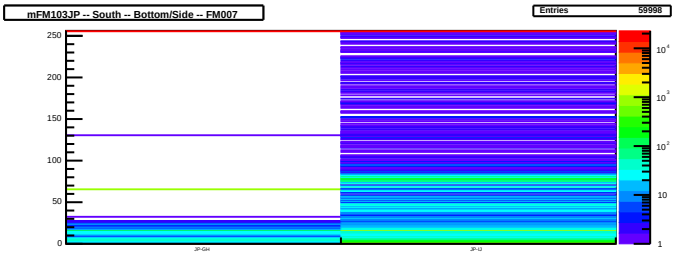

mFM103JPsim -- South -- Top -- FM006
Entries 34396
JP-EF
Unused

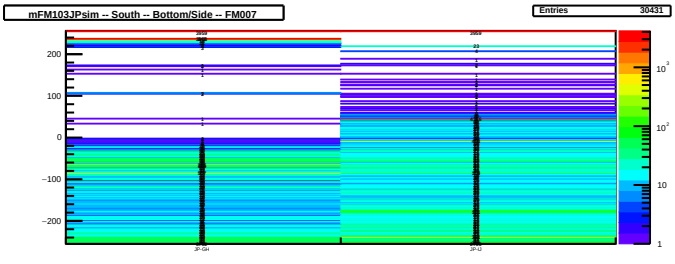

mFM103BS -- South -- Bottom/Side --FM007
Entries 119996

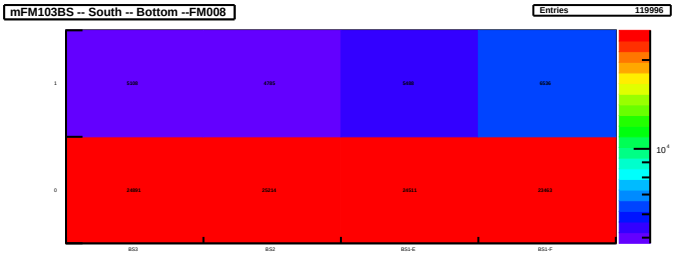

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 54459

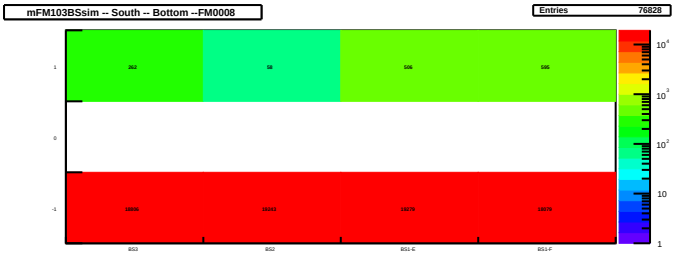

mFM103J -- South -- Bottom/Side -- FM007
Entries 29999
J(23)

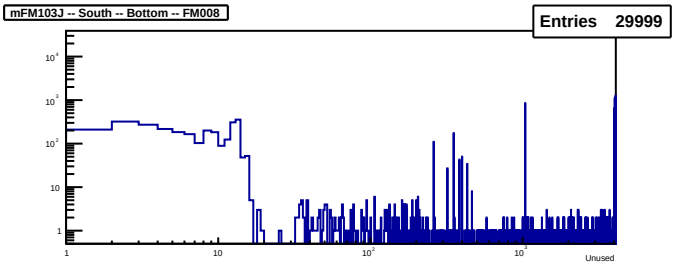

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 29705
J(23)

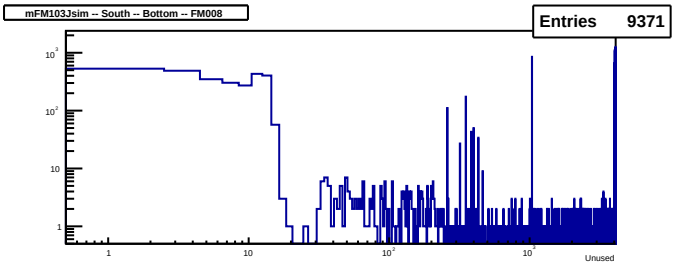

mFM103JP -- South -- Bottom/Side -- FM007
Entries 59998

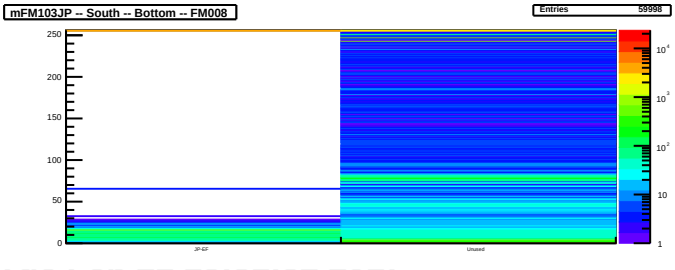

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 30431

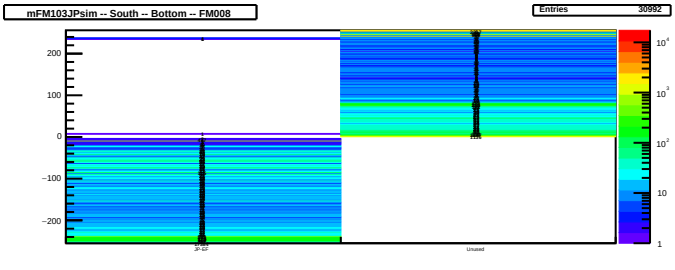

mFM103BS -- South -- Bottom --FM008
Entries 119996

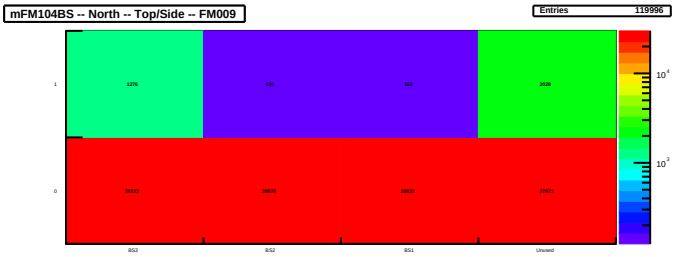

mFM103BSsim -- South -- Bottom --FM0008
Entries 76828

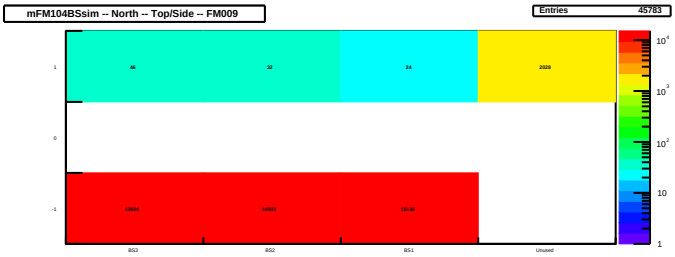

mFM103J -- South -- Bottom -- FM008
Entries 29999
Unused

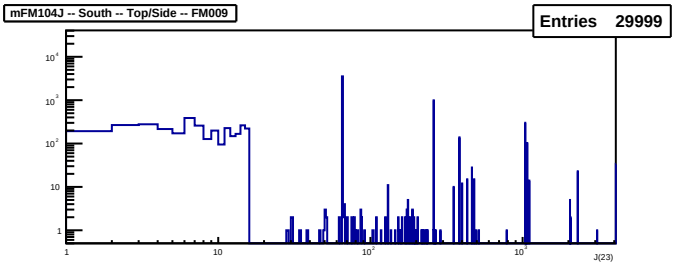

mFM103Jsim -- South -- Bottom -- FM008
Entries 9371
Unused

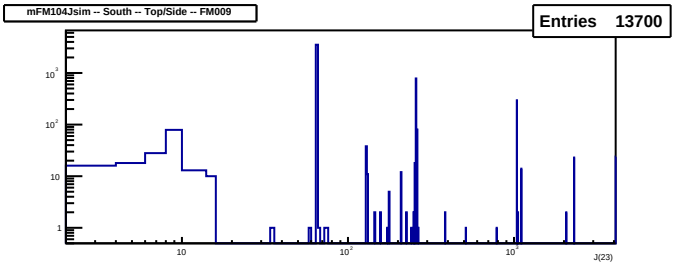

mFM103JP -- South -- Bottom -- FM008
Entries 59998

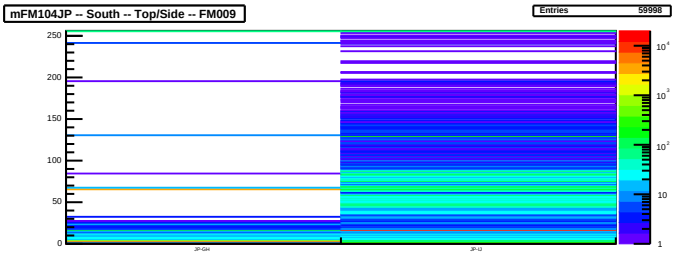

mFM103JPsim -- South -- Bottom -- FM008
Entries 30992

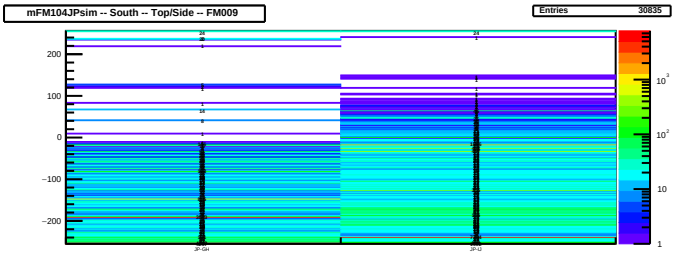

mFM104BS -- North -- Top/Side -- FM009
Entries 119996
1276
124
162
2628
26723
19675
26837
27971
BS3
BS2
BS1
Unused

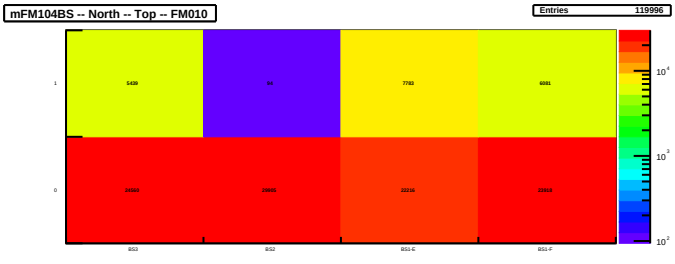

mFM104BSsim -- North -- Top/Side -- FM009
Entries 45783
46
32
24
2628
13604
14922
15116
BS3
BS2
BS1
Unused

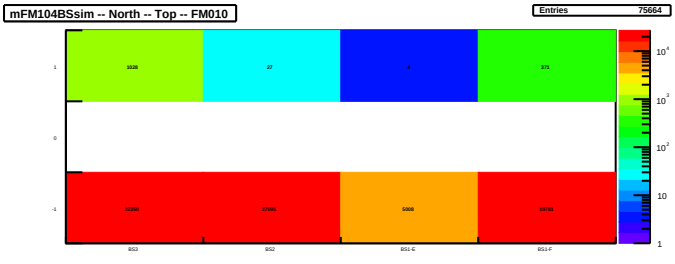

mFM104J -- South -- Top/Side -- FM009
Entries 29999
J(23)

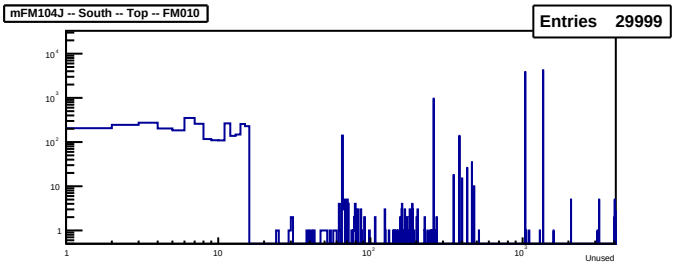

mFM104Jsim -- South -- Top/Side -- FM009
Entries 13700
J(23)

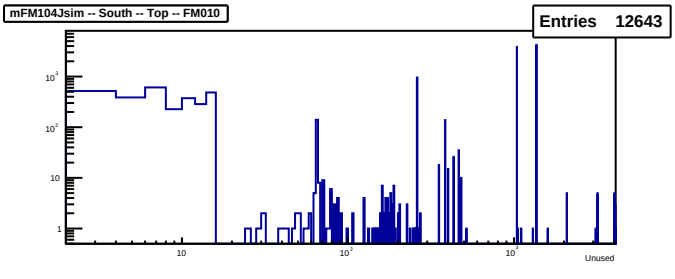

mFM104JP -- South -- Top/Side -- FM009
Entries 59998
JP-G4
JP-I1

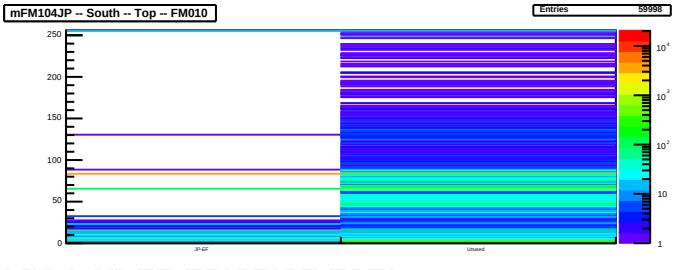

mFM104JPsim -- South -- Top/Side -- FM009
Entries 30835
JP-G4
JP-I1

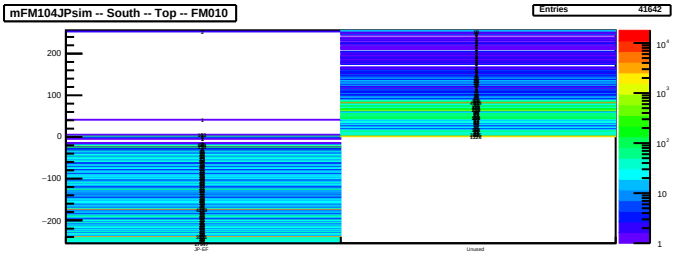

mFM104BS -- North -- Top -- FM010
Entries 119996
5439
54
7782
6081
24560
20905
22216
22919
BS3
BS2
BS1-E
BS1-F

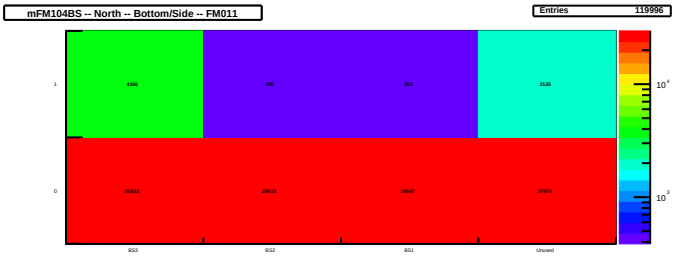

mFM104BSsim -- North -- Top -- FM010
Entries 75664
1028
27
4
371
22230
27995
5968
19791
BS3
BS2
BS1-E
BS1-F

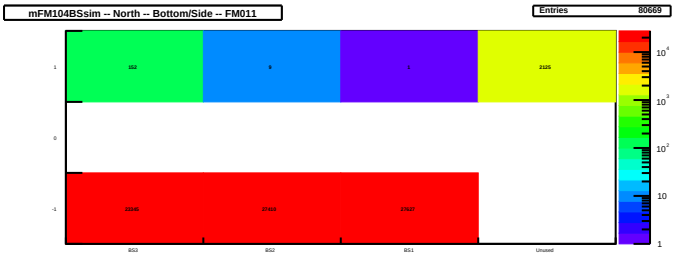

mFM104J -- South -- Top -- FM010
Entries 29999
Unused

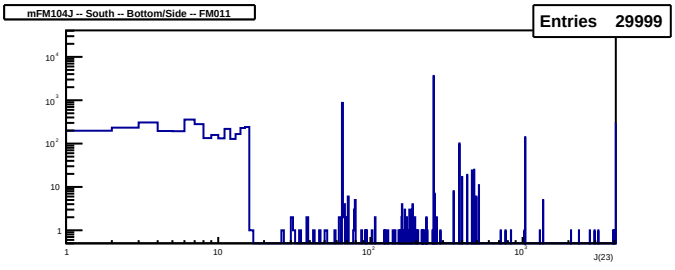

mFM104Jsim -- South -- Top -- FM010
Entries 12643
Unused

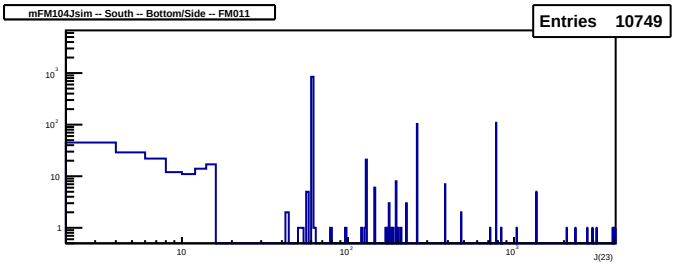

mFM104JP -- South -- Top -- FM010
Entries 59998
JP-E2
Unused

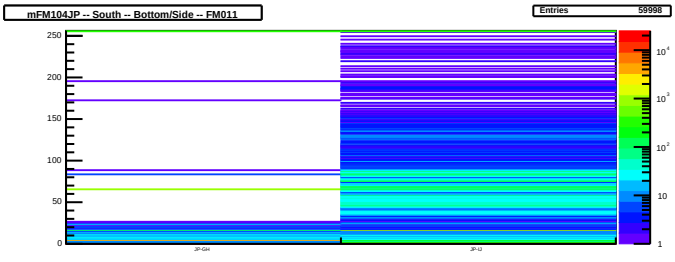

mFM104JPsim -- South -- Top -- FM010
Entries 41642
JP-E2
Unused

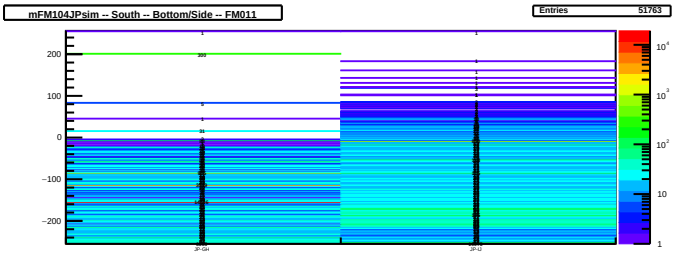

mFM104BS -- North -- Bottom/Side -- FM011
Entries 119996

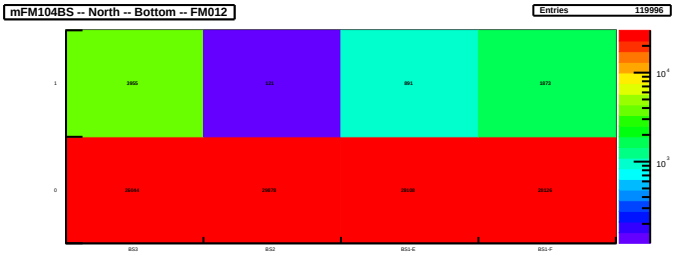

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 80669

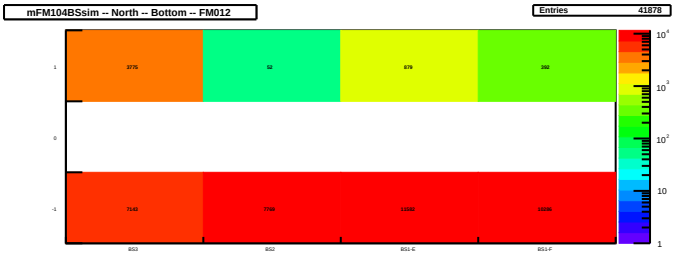

mFM104J -- South -- Bottom/Side -- FM011
Entries 29999
J(23)

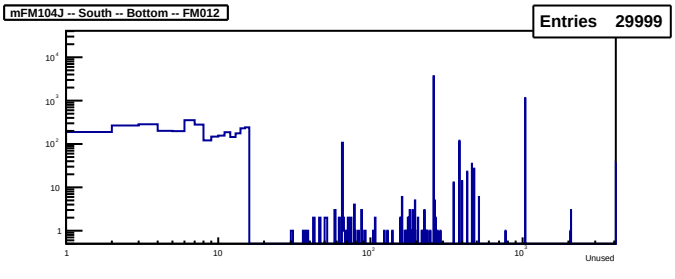

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 10749
J(23)

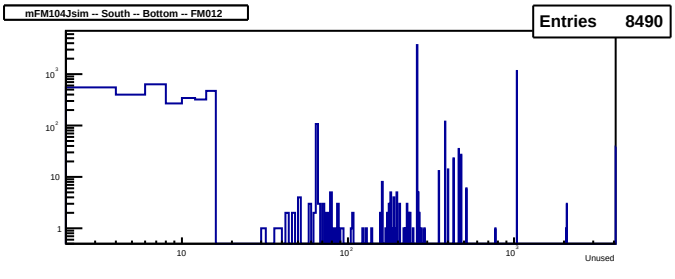

mFM104JP -- South -- Bottom/Side -- FM011
Entries 59998

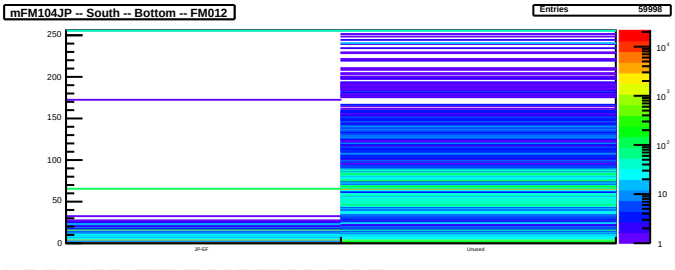

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 51763

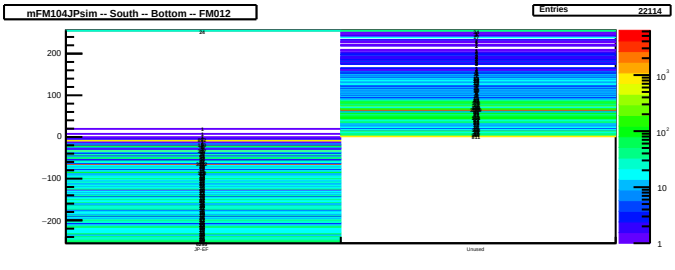

mFM104BS -- North -- Bottom -- FM012
Entries 119996

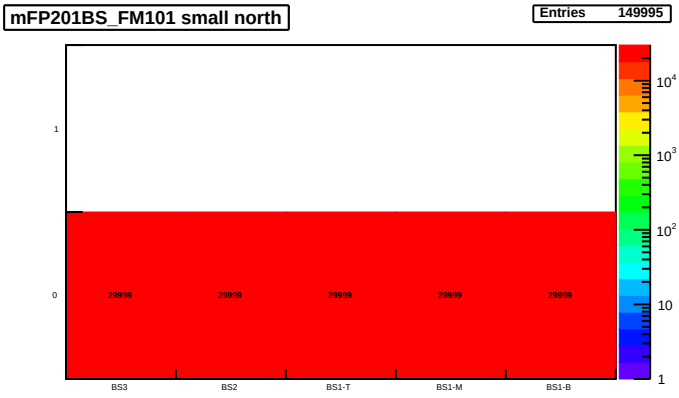

mFM104BSsim -- North -- Bottom -- FM012
Entries 41878

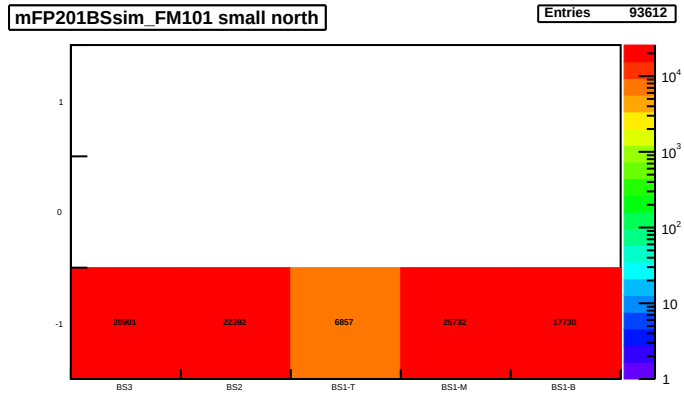

mFM104J -- South -- Bottom -- FM012
Entries 29999
Unused

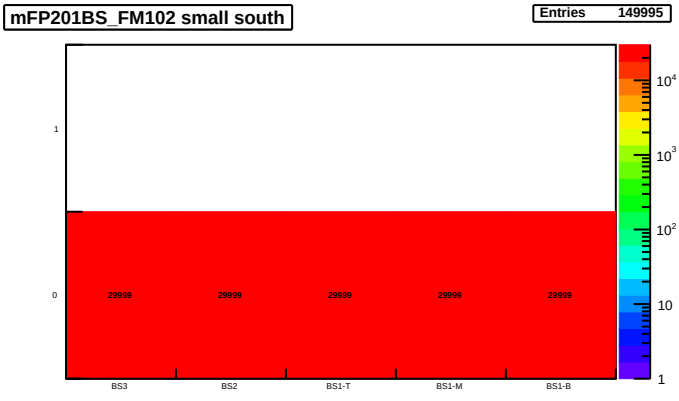

mFM104Jsim -- South -- Bottom -- FM012
Entries 8490
Unused

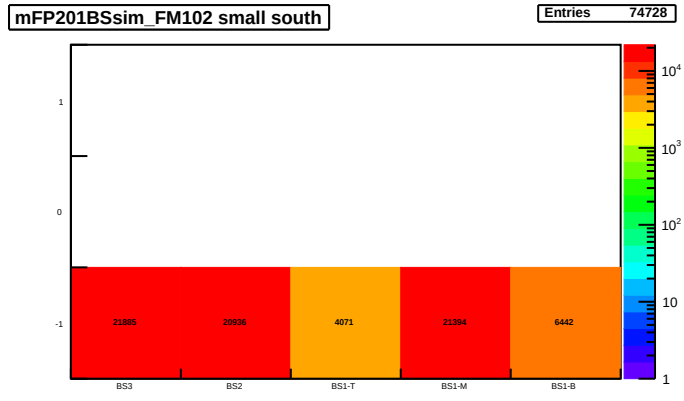

mFM104JP -- South -- Bottom -- FM012
Entries 59998

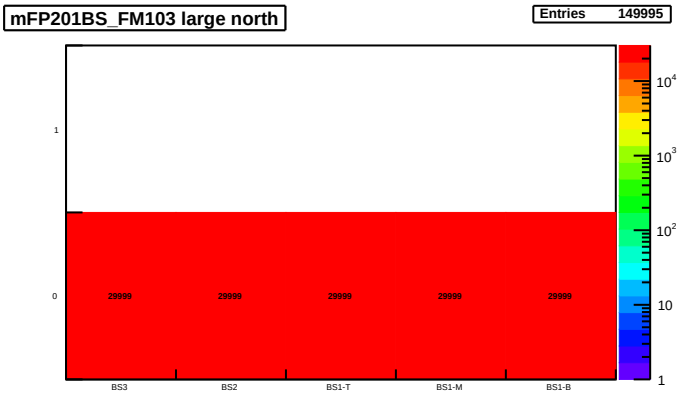

mFM104JPsim -- South -- Bottom -- FM012
Entries 22114

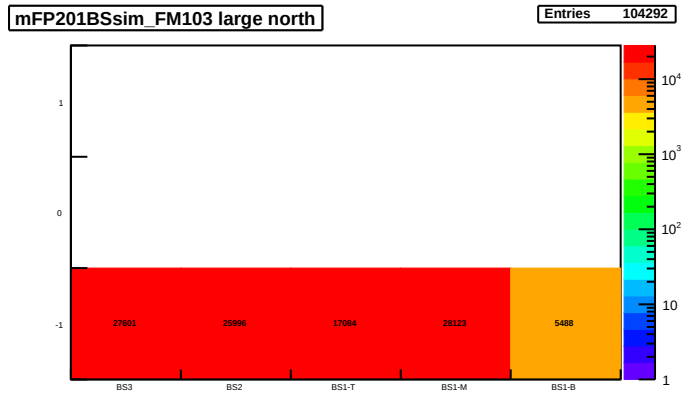

mFP201BS_FM101 small north
Entries 149995
29999
29999
29999
29999
29999
BS3
BS2
BS1-T
BS1-M
BS1-B

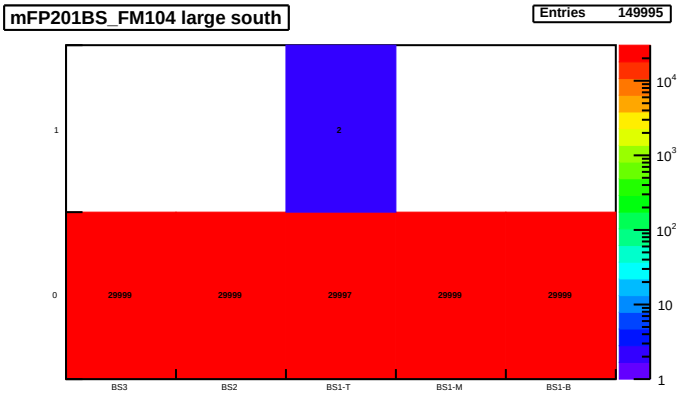

mFP201BSsim_FM101 small north
Entries 93612
20901
22392
6857
25732
17730
BS3
BS2
BS1-T
BS1-M
BS1-B

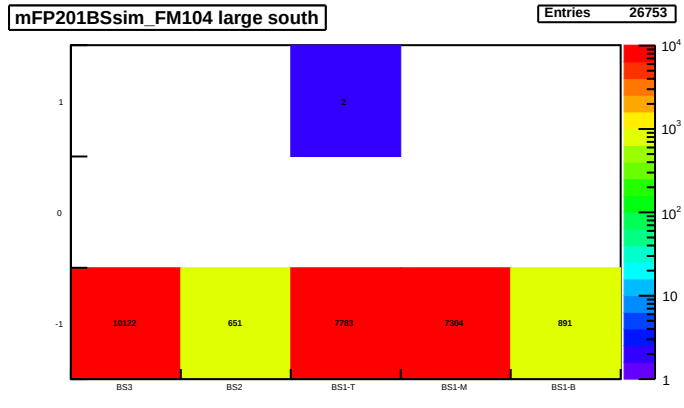

mFP201BS_FM102 small south
Entries 149995
29999
29999
29999
29999
29999
BS3
BS2
BS1-T
BS1-M
BS1-B

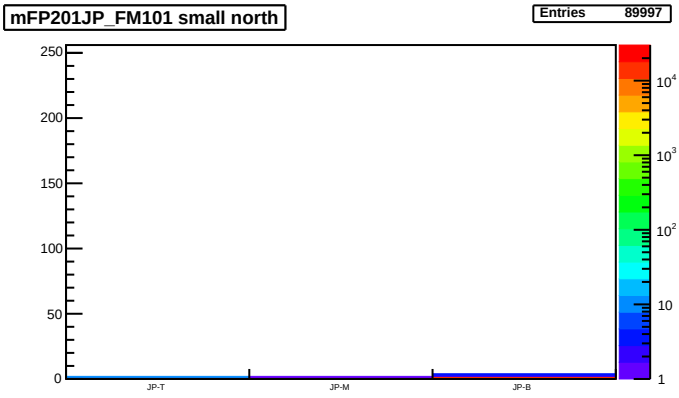

mFP201BSsim_FM102 small south
Entries 74728
21885
20936
4071
21394
6442
BS3
BS2
BS1-T
BS1-M
BS1-B

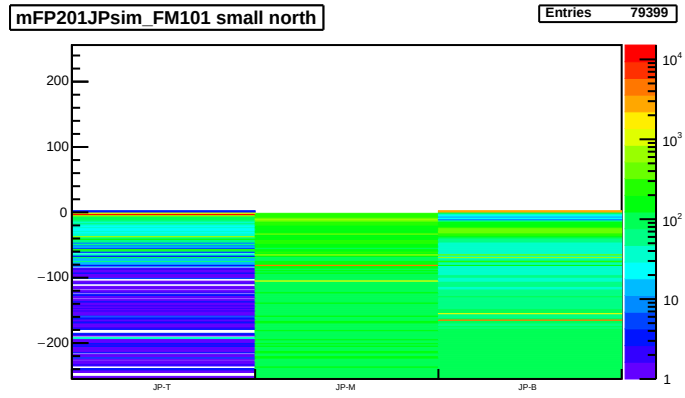

mFP201BS_FM103 large north
Entries 149995
29999
29999
29999
29999
29999
BS3
BS2
BS1-T
BS1-M
BS1-B

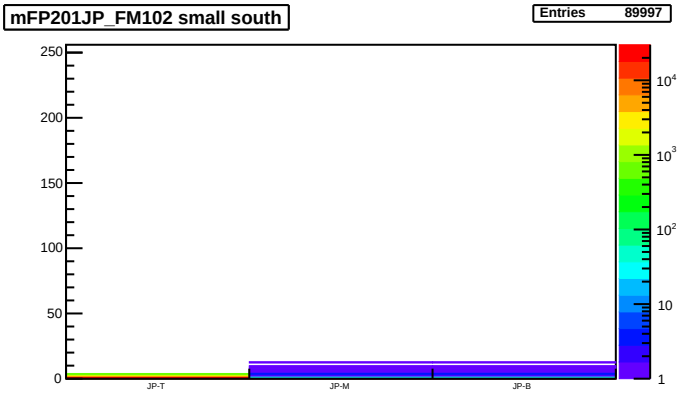

mFP201BSsim_FM103 large north
Entries 104292
27601
25996
17084
28123
5488
BS3
BS2
BS1-T
BS1-M
BS1-B

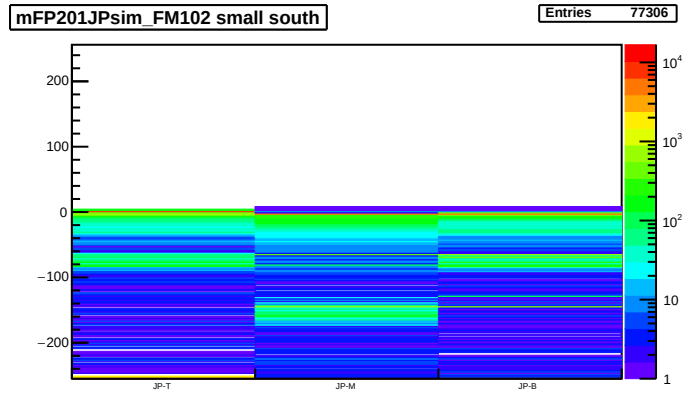

mFP201BS_FM104 large south
Entries 149995
2
29999
29999
29997
29999
29999
BS3
BS2
BS1-T
BS1-M
BS1-B

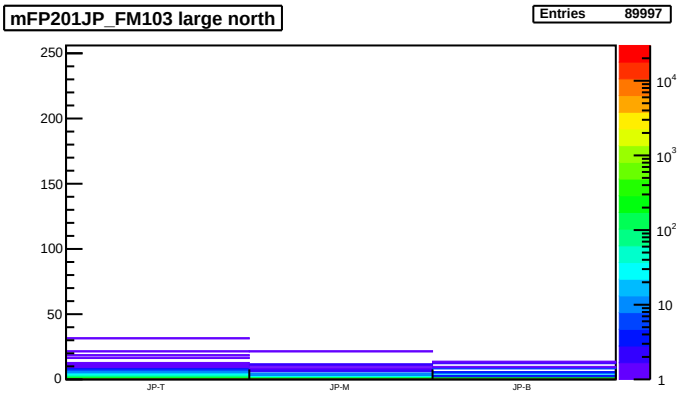

mFP201BSsim_FM104 large south
Entries 26753
2
10122
651
7783
7304
891
BS3
BS2
BS1-T
BS1-M
BS1-B

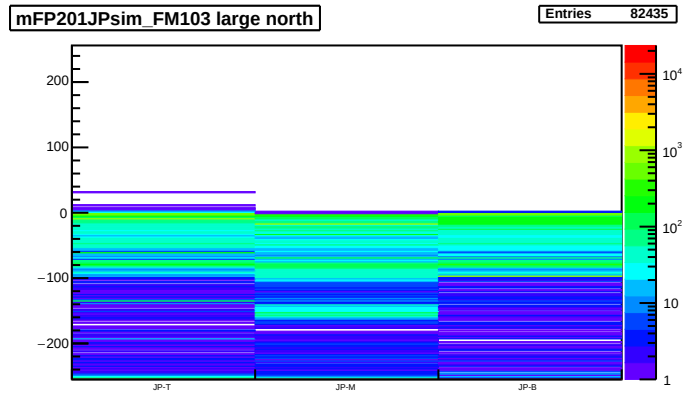

mFP201JP_FM101 small north
Entries 89997
JP-T
JP-M
JP-B

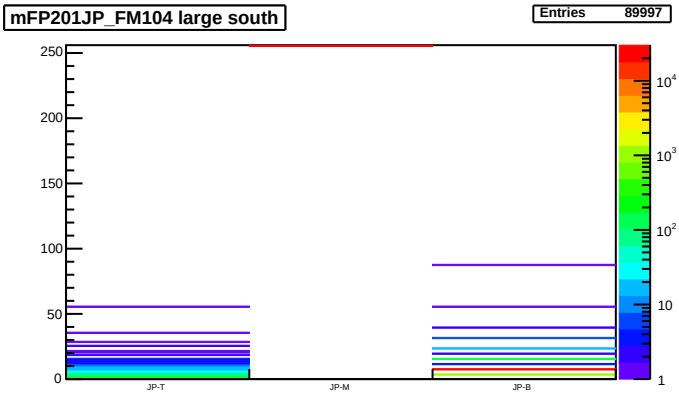

mFP201JPsim_FM101 small north
Entries 79399
JP-T
JP-M
JP-B

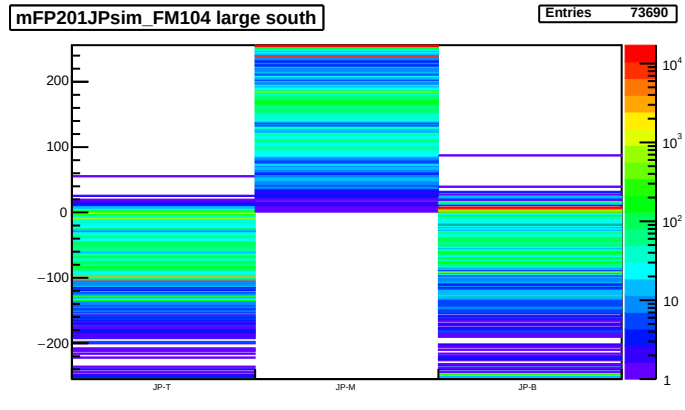

mFP201JP_FM102 small south
Entries 89997
JP-T
JP-M
JP-B

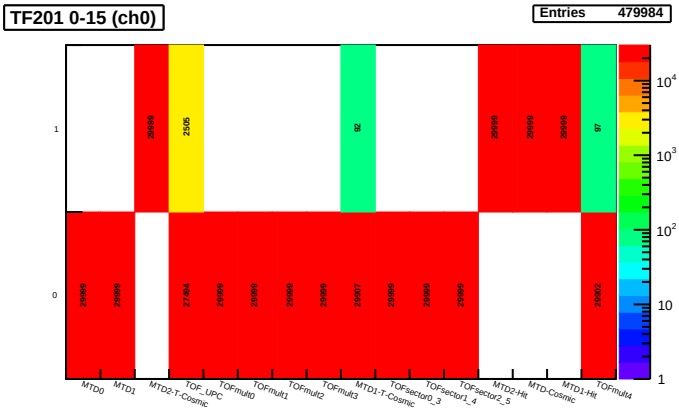

mFP201JPsim_FM102 small south
Entries 77306
JP-T
JP-M
JP-B

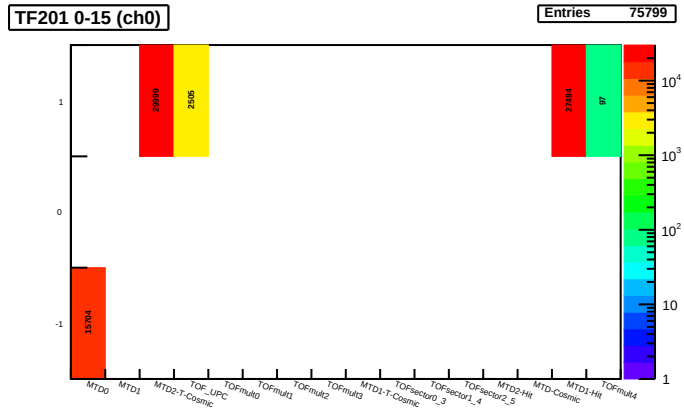

mFP201JP_FM103 large north
Entries 89997
JP-T
JP-M
JP-B

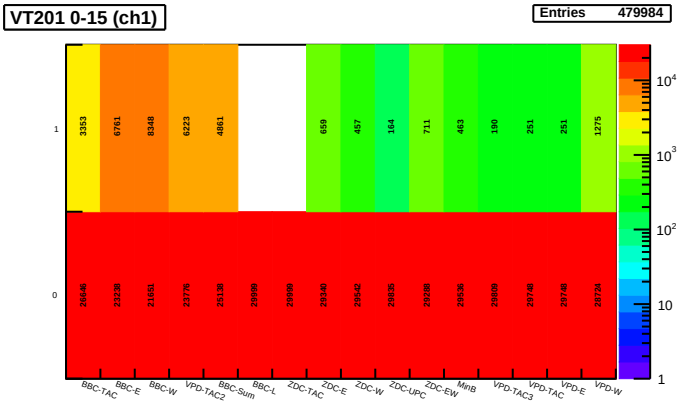

mFP201JPsim_FM103 large north
Entries 82435
JP-T
JP-M
JP-B

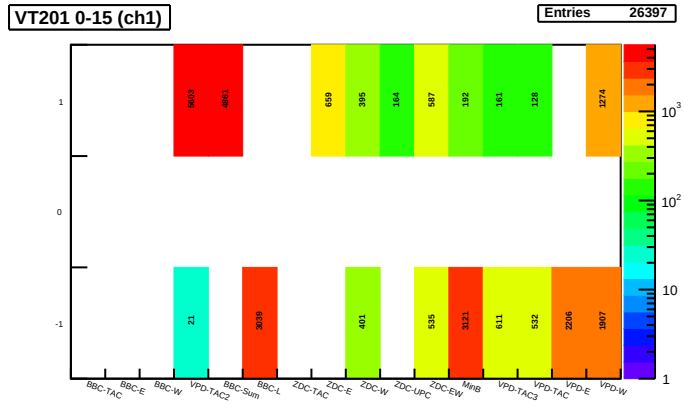

mFP201JP_FM104 large south
Entries 89997
JP-T
JP-M
JP-B

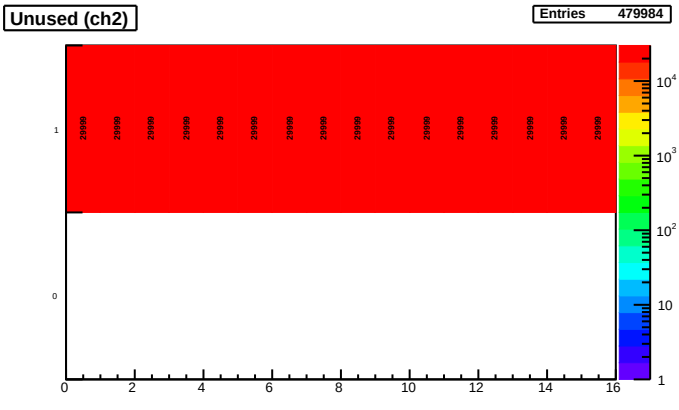

mFP201JPsim_FM104 large south
Entries 73690
JP-T
JP-M
JP-B

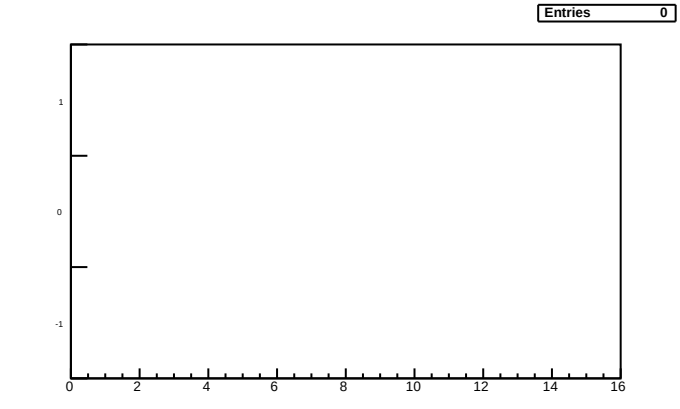

TF201 0-15 (ch0)
Entries 479984
MTD0
MTD1
MTD2-T-Cosmic
TOF-UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

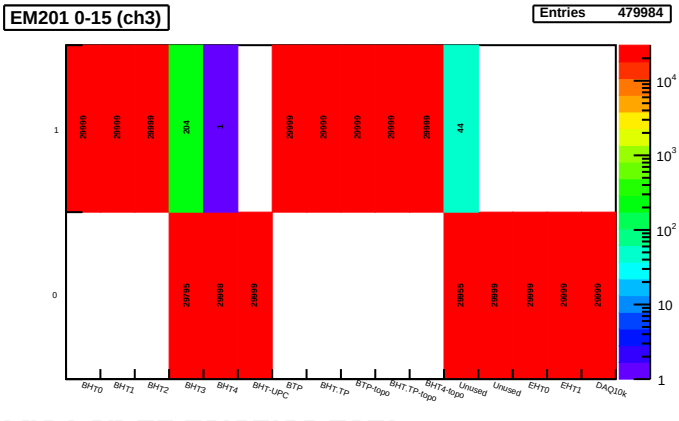

TF201 0-15 (ch0)
Entries 75799
MTD0
MTD1
MTD2-T-Cosmic
TOF-UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

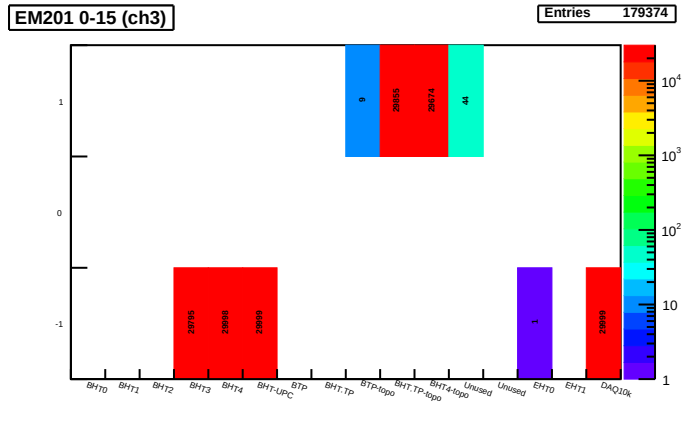

VT201 0-15 (ch1)
Entries 479984
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W


VT201 0-15 (ch1)
Entries 26397
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

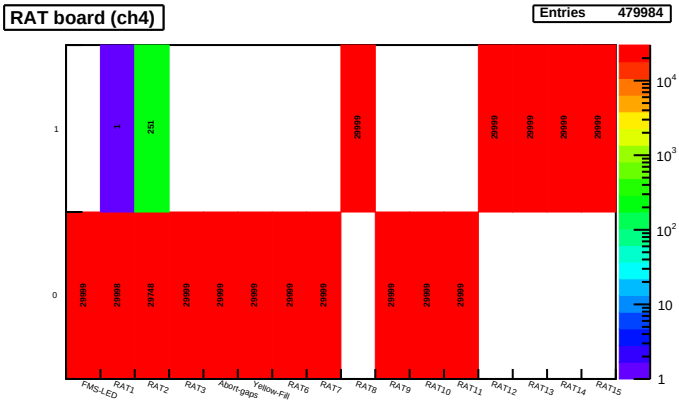

Unused (ch2)
Entries 479984

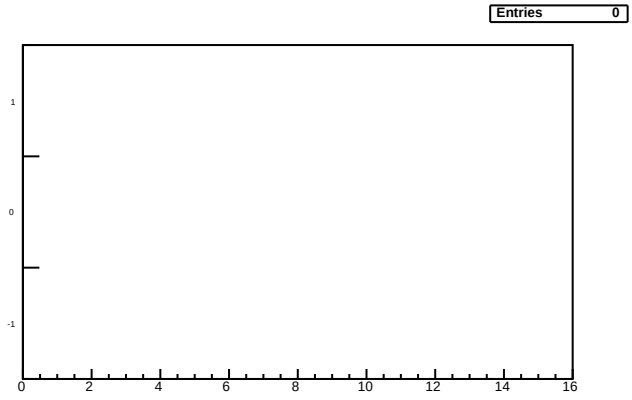

Entries 0


EM201 0-15 (ch3)
Entries 479984
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

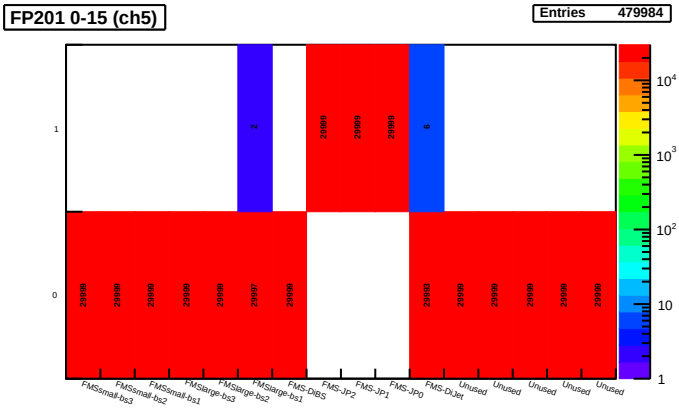

EM201 0-15 (ch3)
Entries 179374
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

RAT board (ch4)

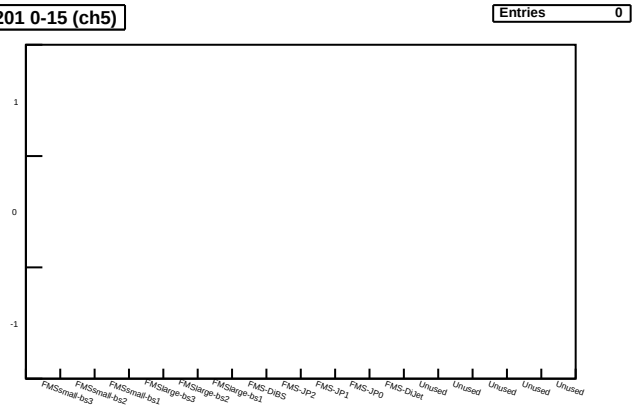




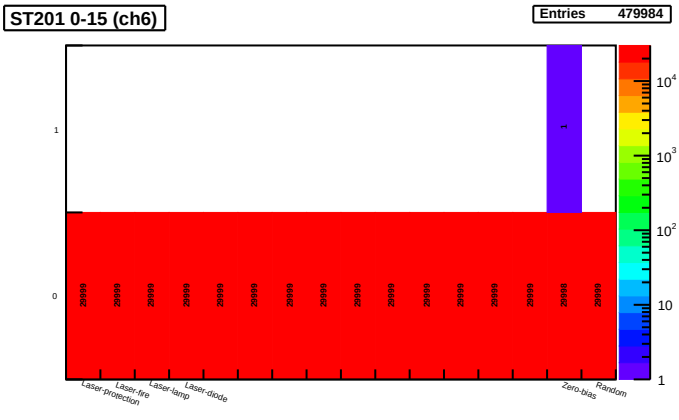
FP201 0-15 (ch5)

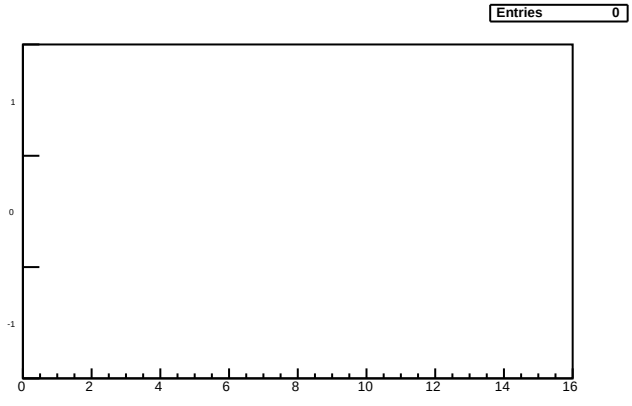
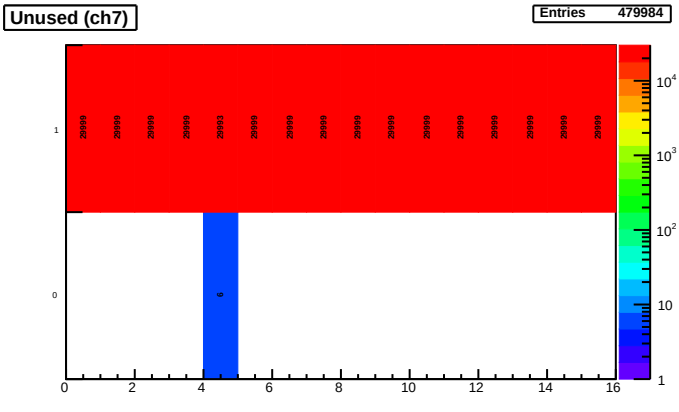
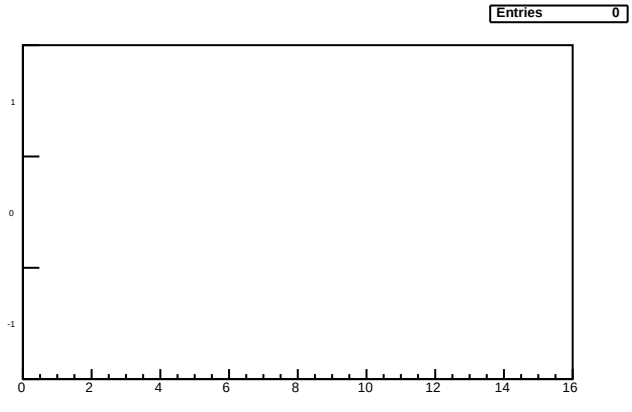


FP201 0-15 (ch5)



ST201 0-15 (ch6)





Unused (ch7)