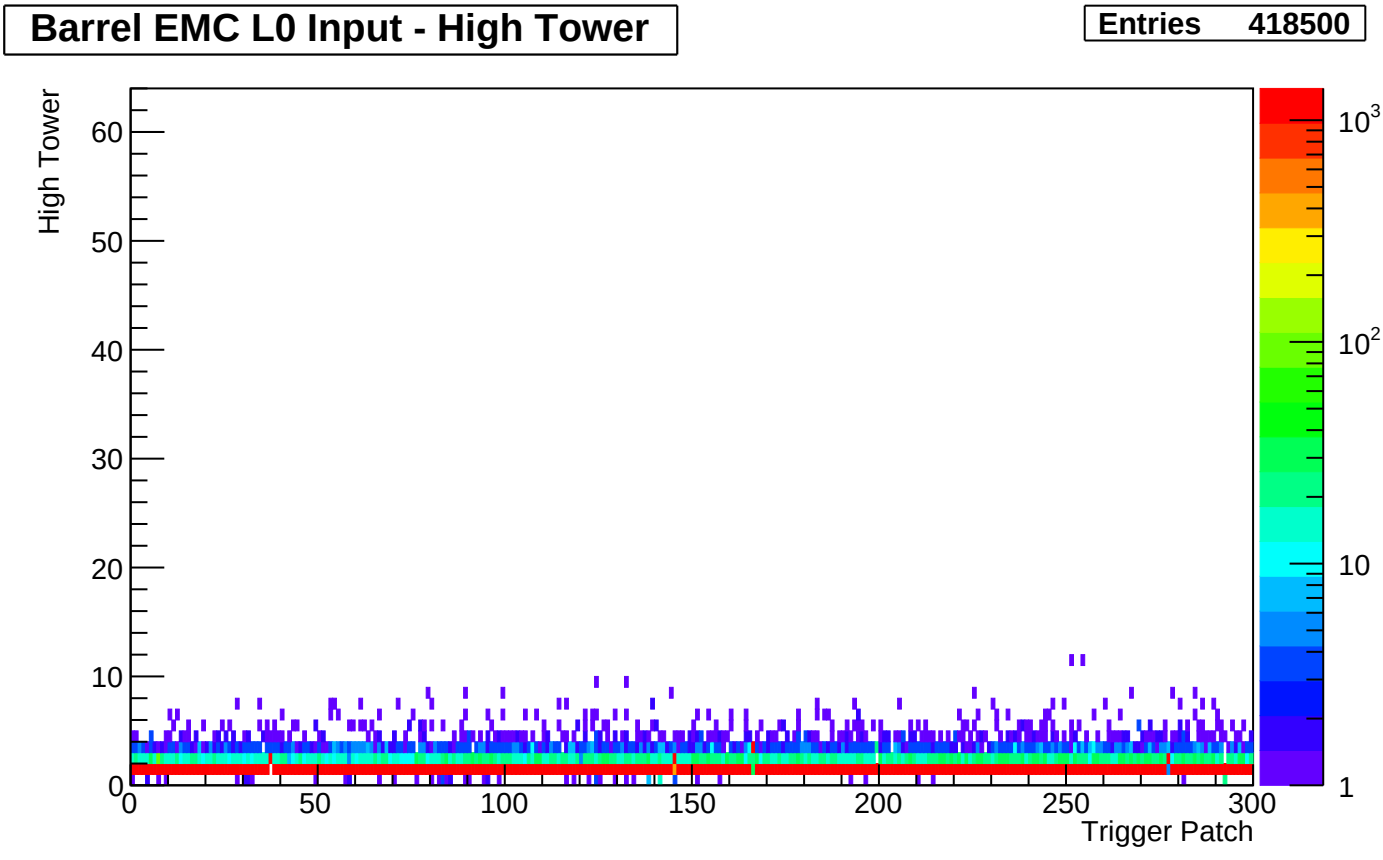
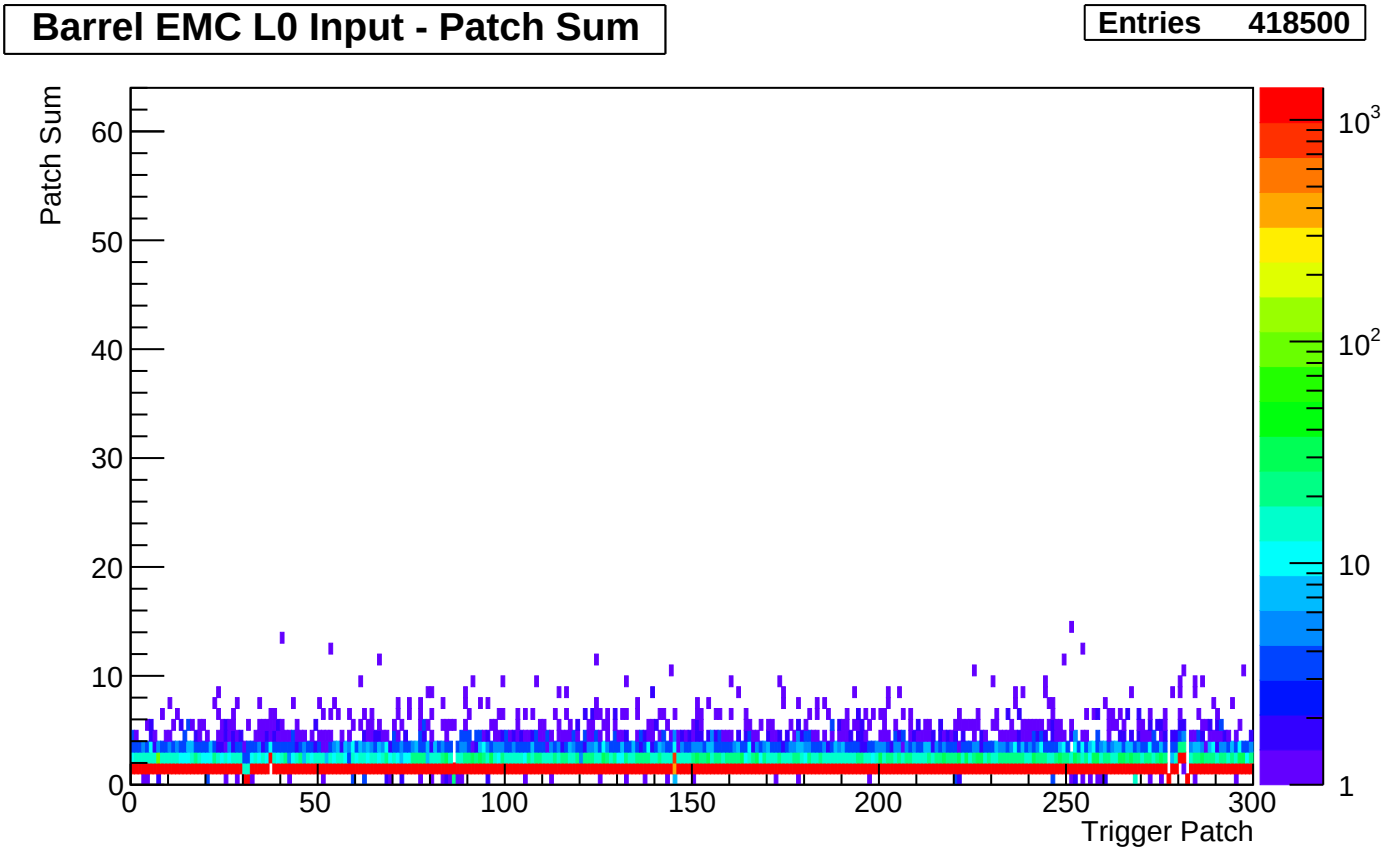
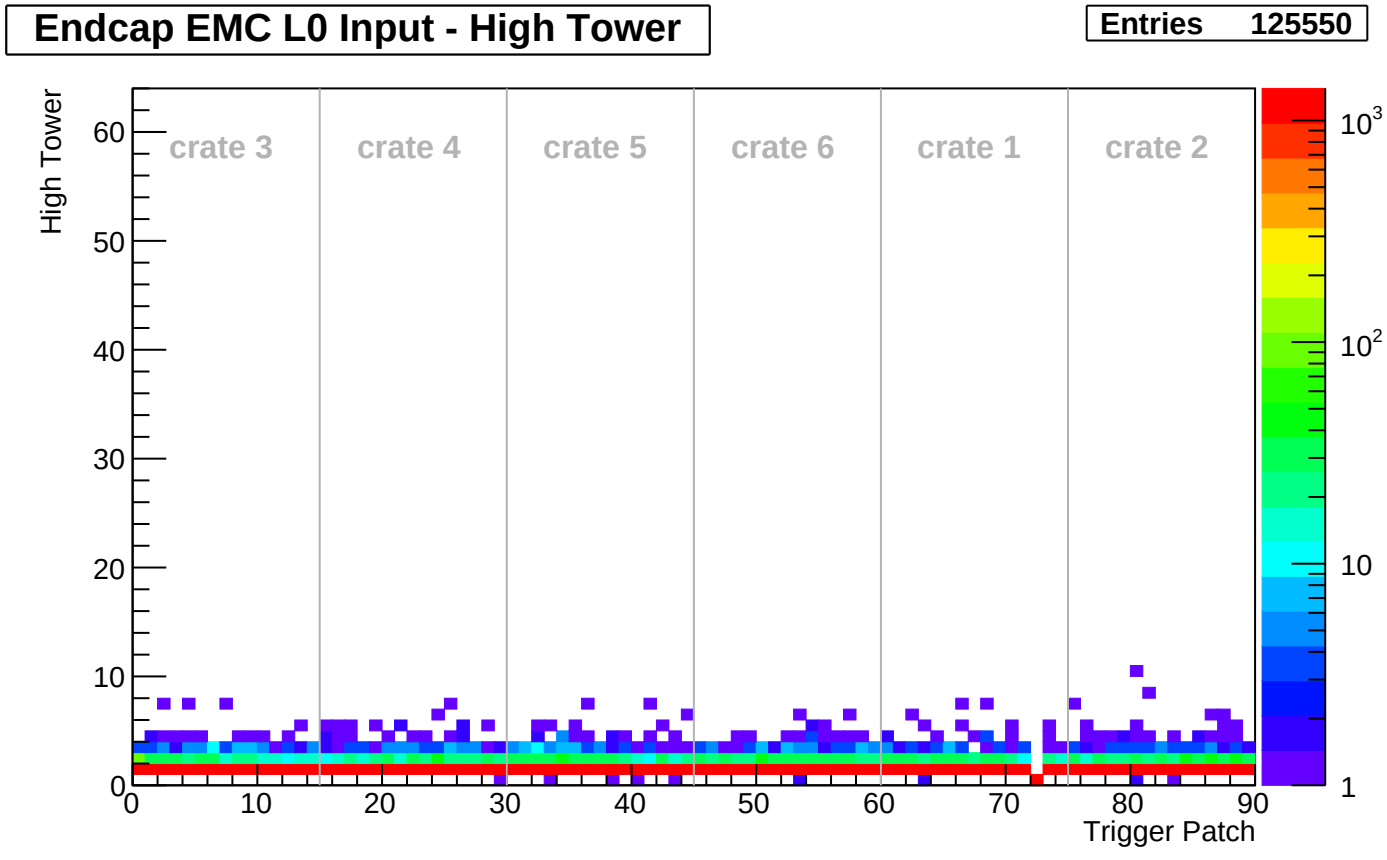
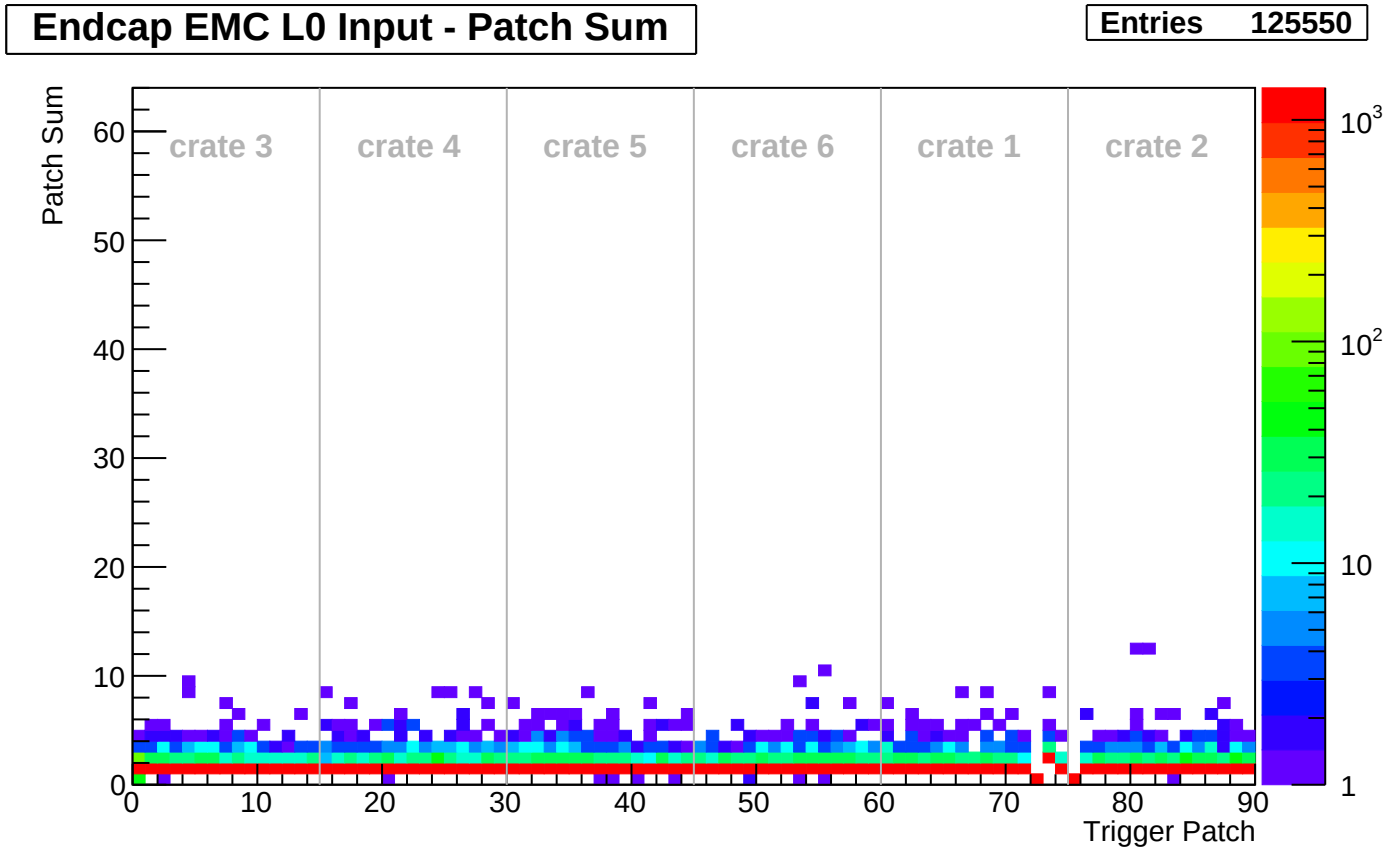
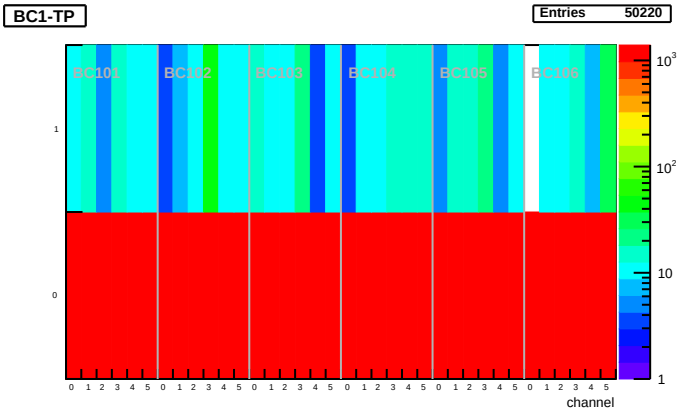
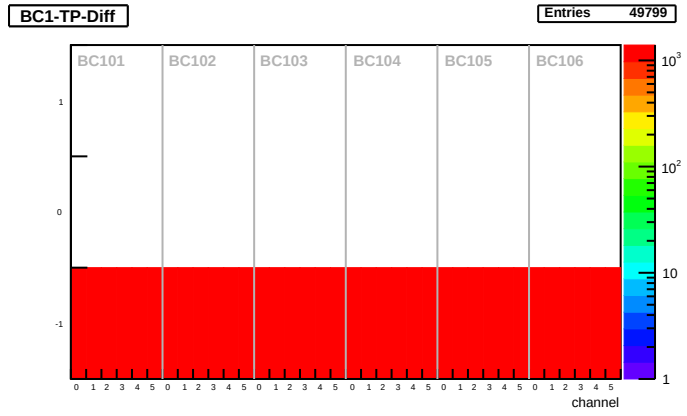

Barrel EMC L0 Input - High Tower
Entries 418500
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3

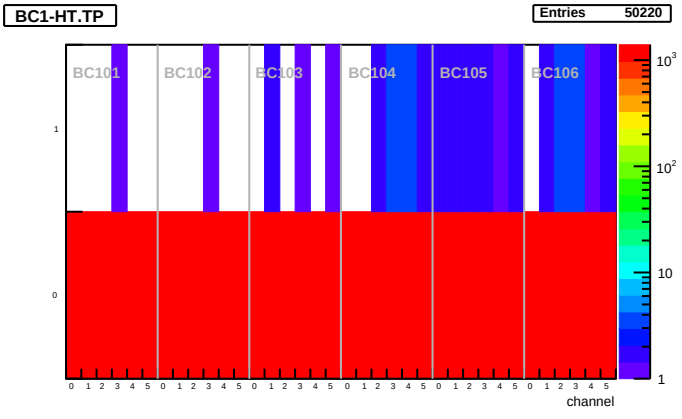

Barrel EMC L0 Input - Patch Sum
Entries 418500
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3

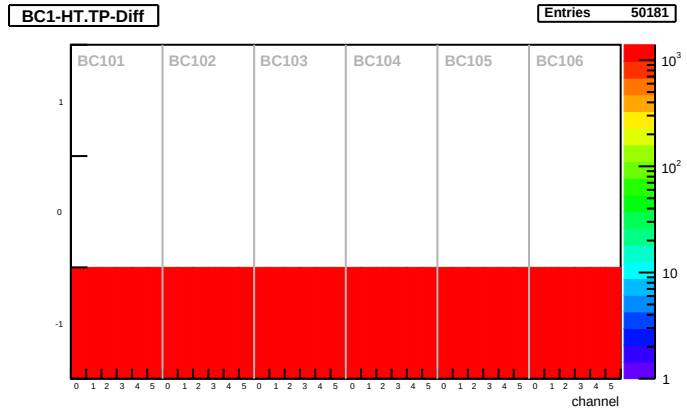

Endcap EMC L0 Input - High Tower
Entries 125550
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3

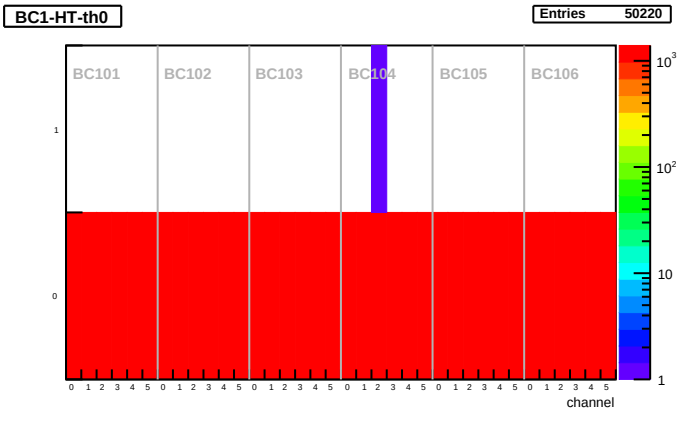

Endcap EMC L0 Input - Patch Sum
Entries 125550
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3

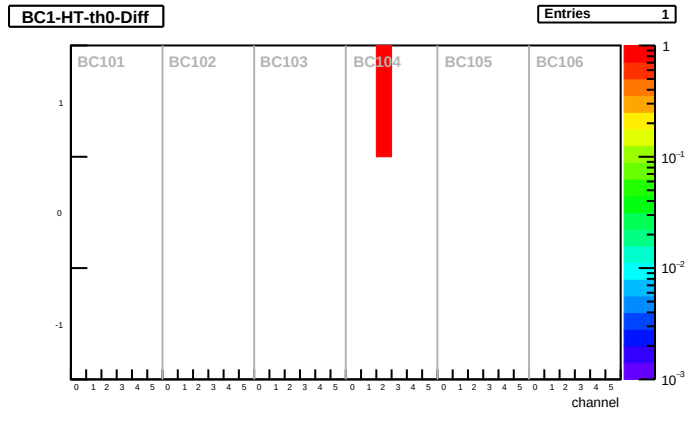

BC1-TP
Entries 50220
BC101
BC102
BC103
BC104
BC105
BC106
channel

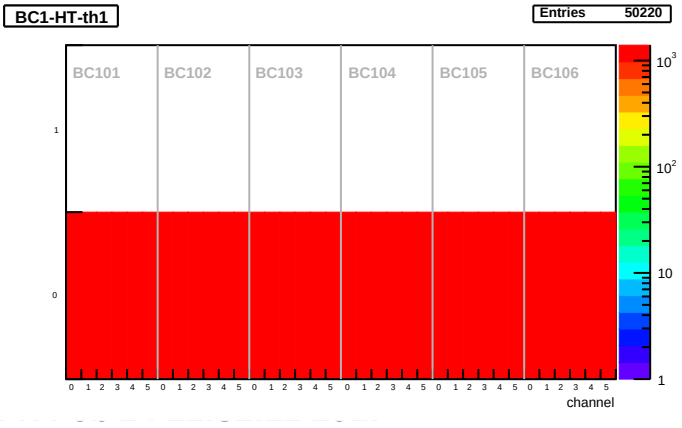

BC1-TP-Diff
Entries 49799
BC101
BC102
BC103
BC104
BC105
BC106
channel

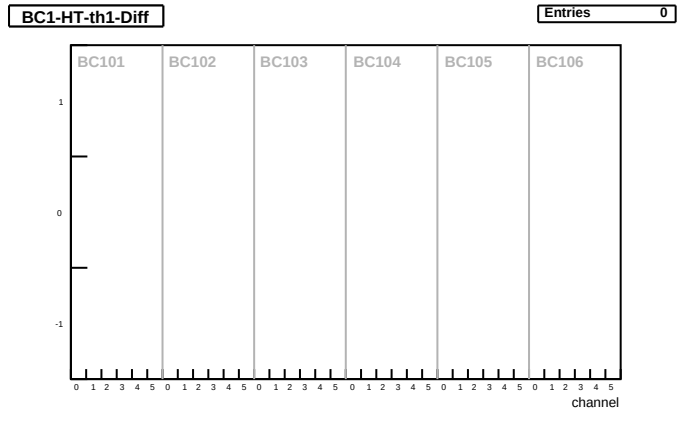

BC1-HT.TP
Entries 50220
BC101
BC102
BC103
BC104
BC105
BC106
channel

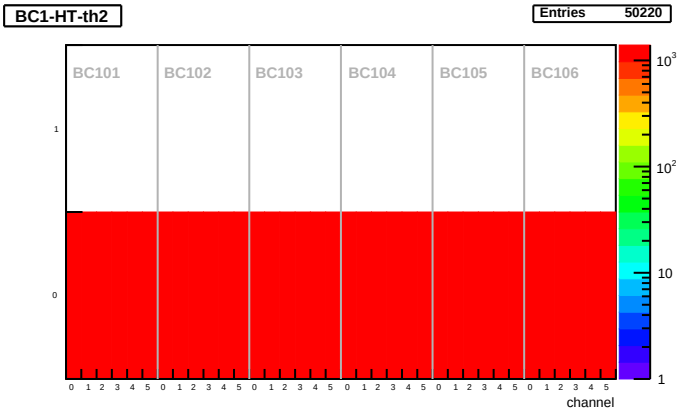

BC1-HT.TP-Diff
Entries 50181
BC101
BC102
BC103
BC104
BC105
BC106
channel

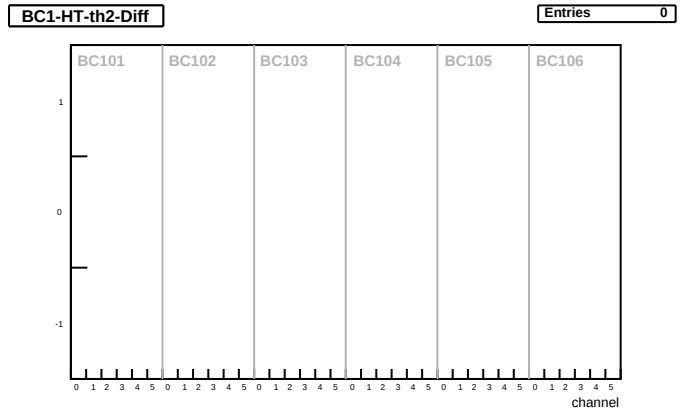

BC1-HT-th0
Entries 50220
BC101
BC102
BC103
BC104
BC105
BC106
channel

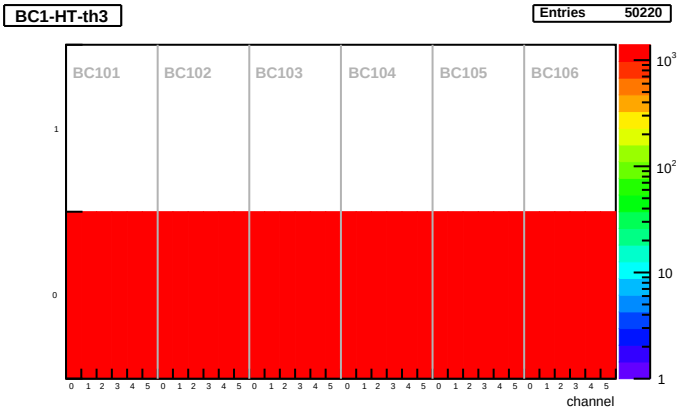

BC1-HT-th0-Diff
Entries 1
BC101
BC102
BC103
BC104
BC105
BC106
channel

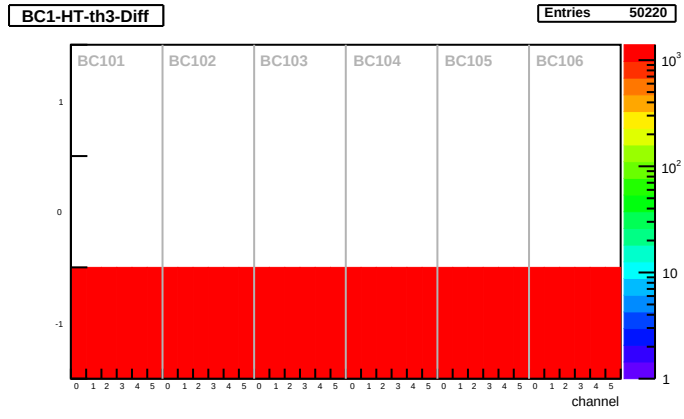

BC1-HT-th1
Entries 50220
BC101
BC102
BC103
BC104
BC105
BC106
channel

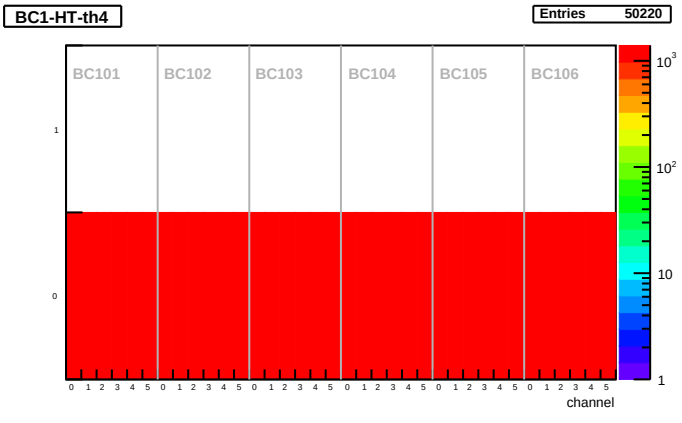

BC1-HT-th1-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

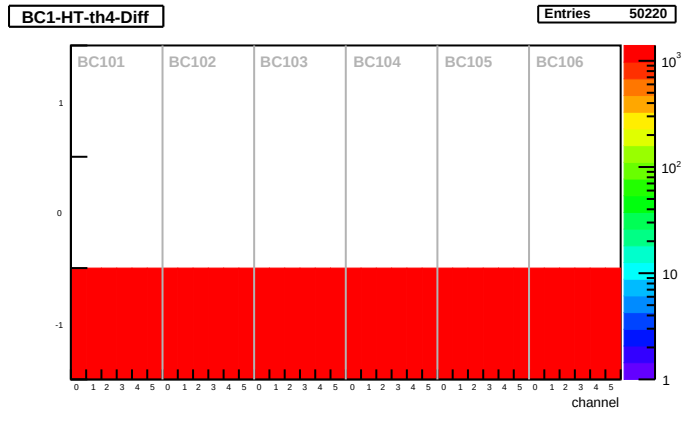

BC1-HT-th2
Entries 50220
BC101
BC102
BC103
BC104
BC105
BC106
channel

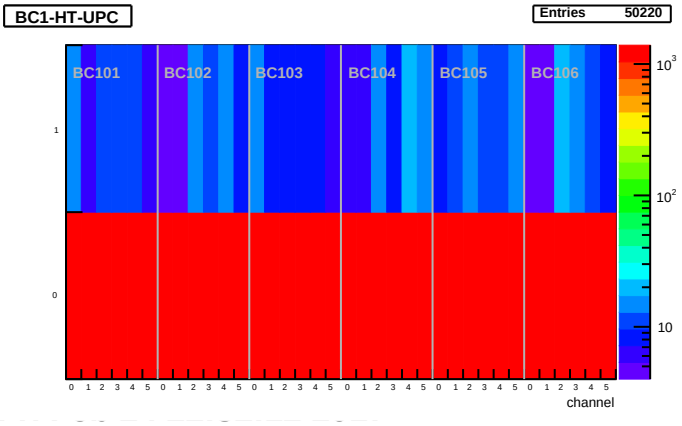

BC1-HT-th2-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

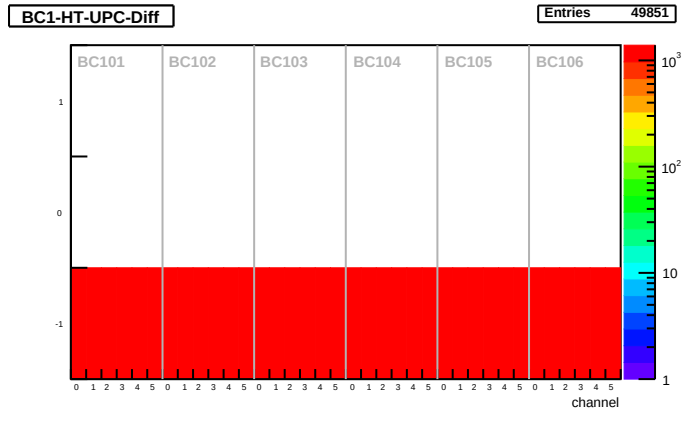

BC1-HT-th3
Entries 50220
BC101
BC102
BC103
BC104
BC105
BC106
channel

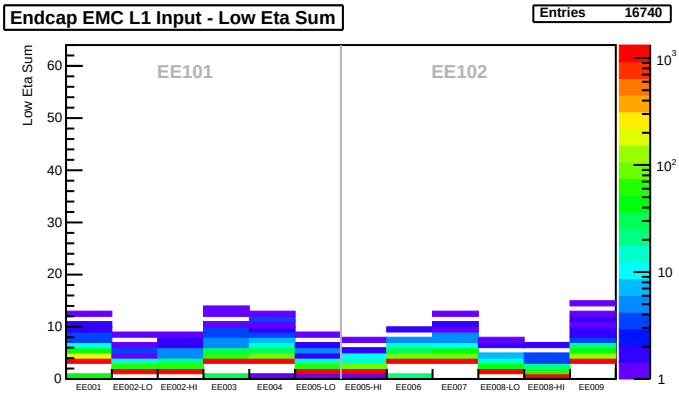

BC1-HT-th3-Diff
Entries 50220
BC101
BC102
BC103
BC104
BC105
BC106
channel

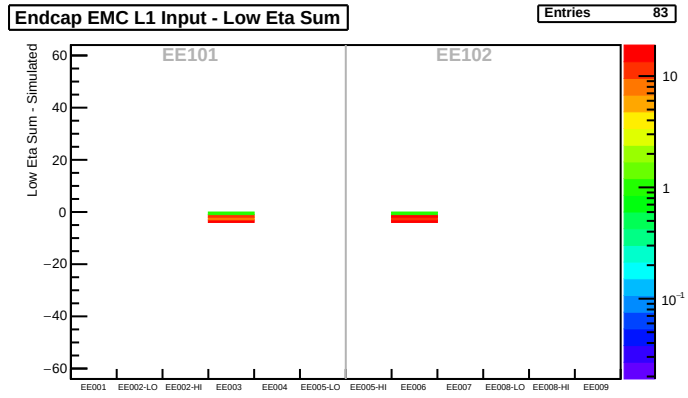

BC1-HT-th4
Entries 50220
BC101
BC102
BC103
BC104
BC105
BC106
channel

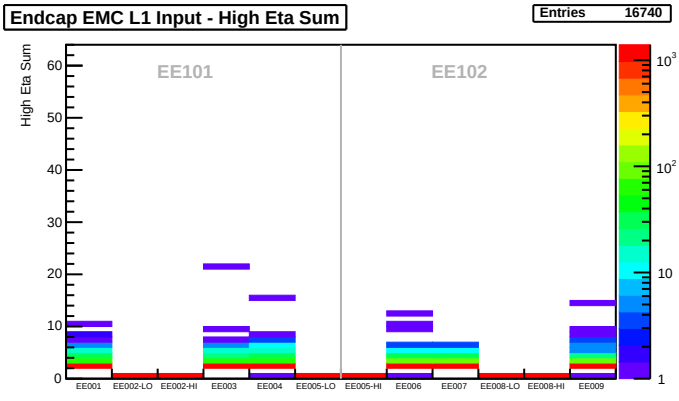

BC1-HT-th4-Diff
Entries 50220
BC101
BC102
BC103
BC104
BC105
BC106
channel

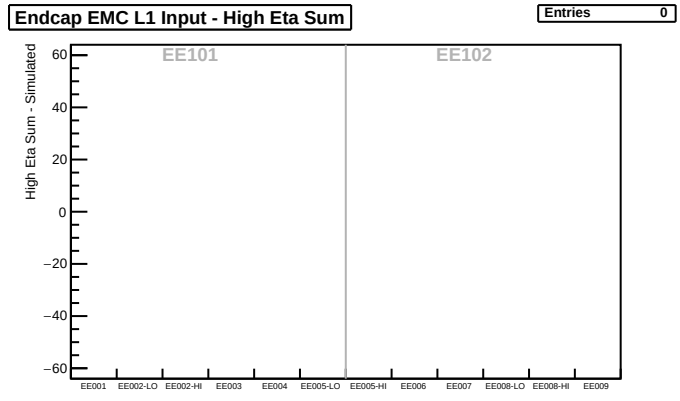

BC1-HT-UPC
Entries 50220
BC101
BC102
BC103
BC104
BC105
BC106
channel

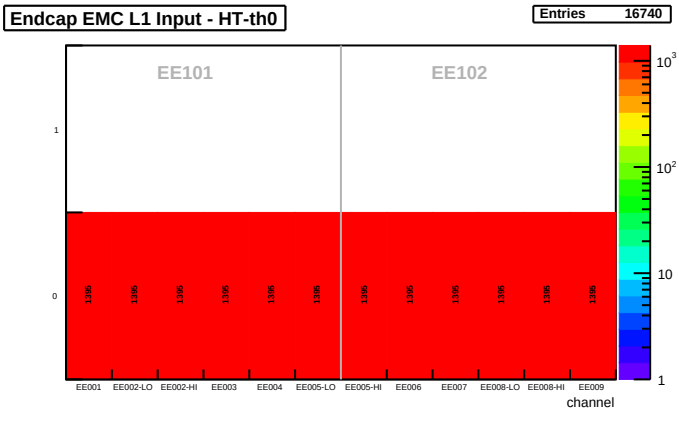

BC1-HT-UPC-Diff
Entries 49851
BC101
BC102
BC103
BC104
BC105
BC106
channel

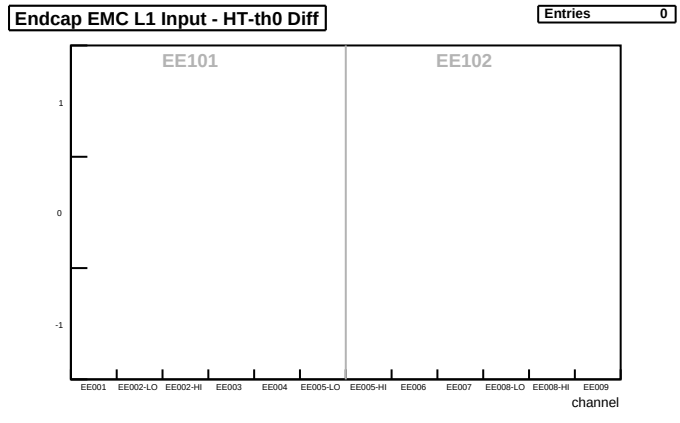

Endcap EMC L1 Input - Low Eta Sum
Entries 16740
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

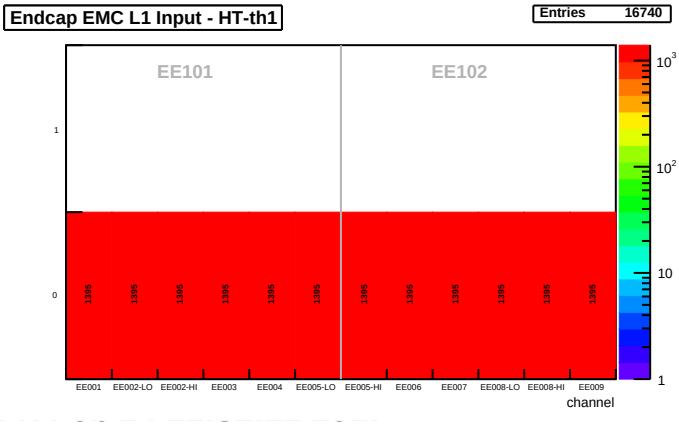

Endcap EMC L1 Input - Low Eta Sum
Entries 83
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

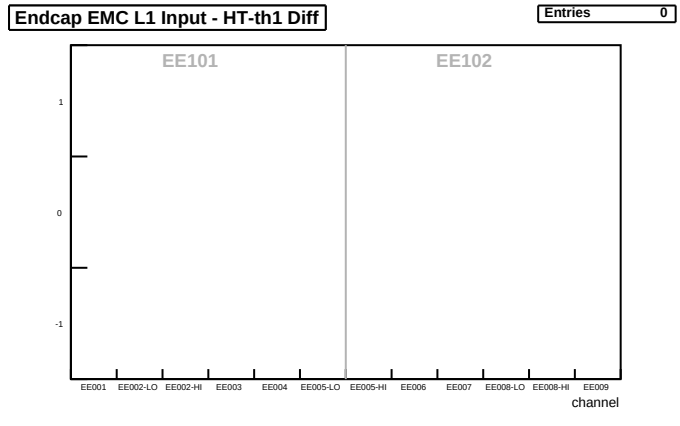

Endcap EMC L1 Input - High Eta Sum
Entries 16740
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

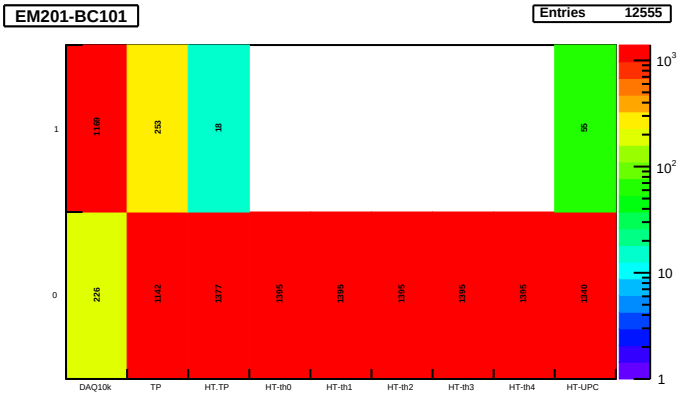

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

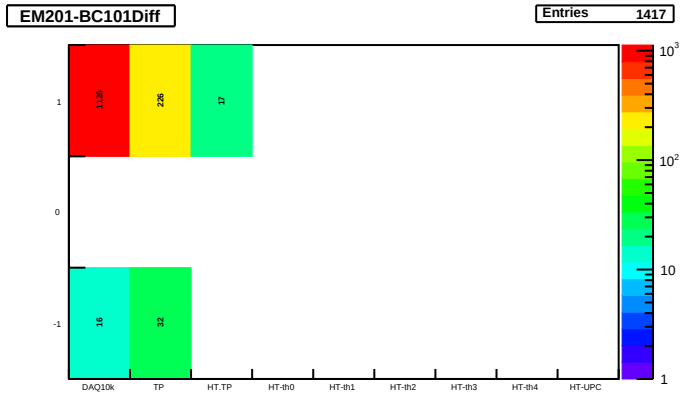

Endcap EMC L1 Input - HT-th0
Entries 16740
EE101
EE102
1395
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

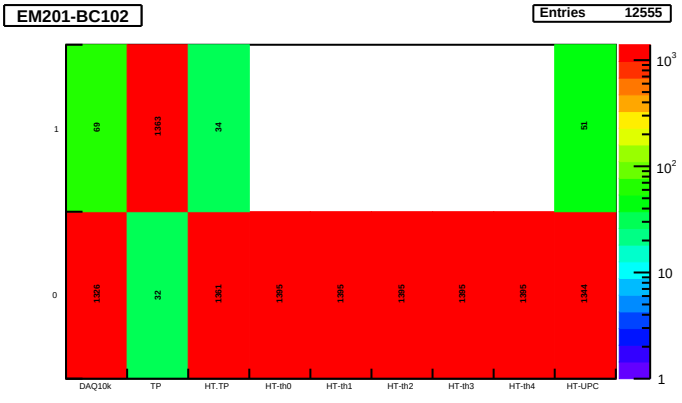

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

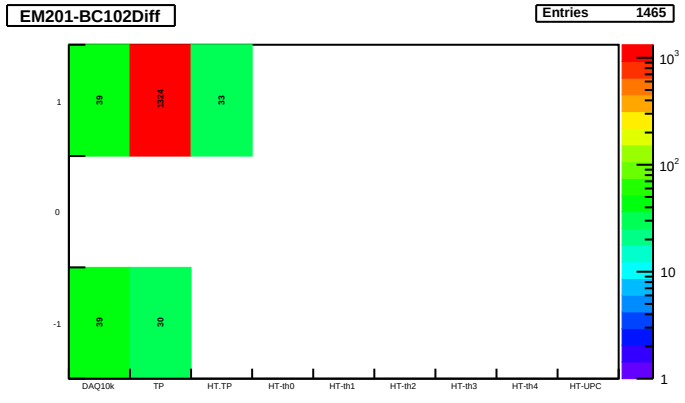

Endcap EMC L1 Input - HT-th1
Entries 16740
EE101
EE102
1395
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

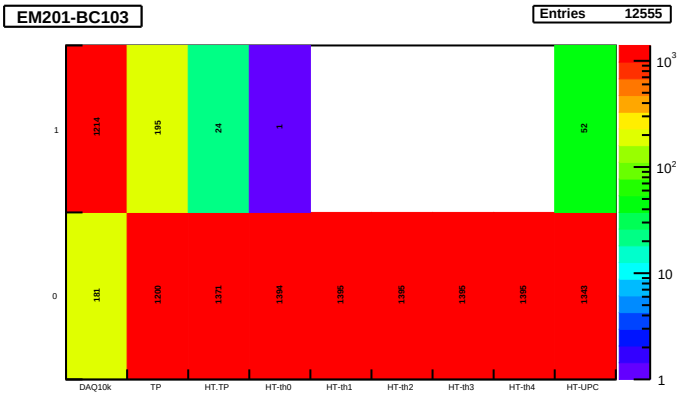

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

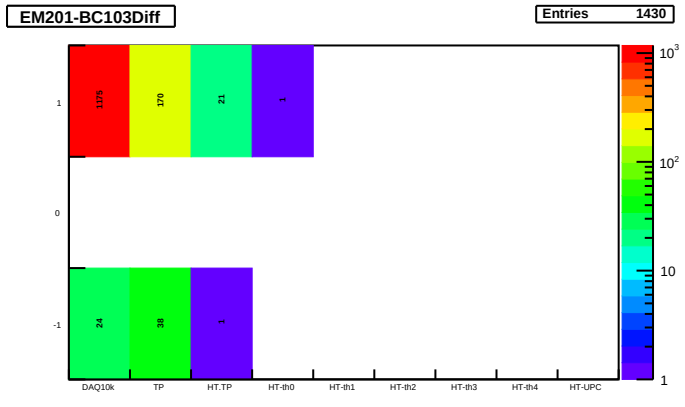

EM201-BC101
Entries 12555
1169 253 18 55
226 1142 1377 1395 1395 1395 1395 1395 1340
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC

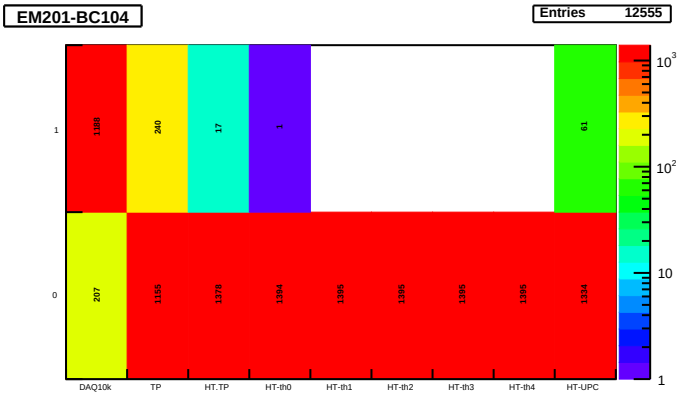

EM201-BC101Diff
Entries 1417
1126 226 17
16 32
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC

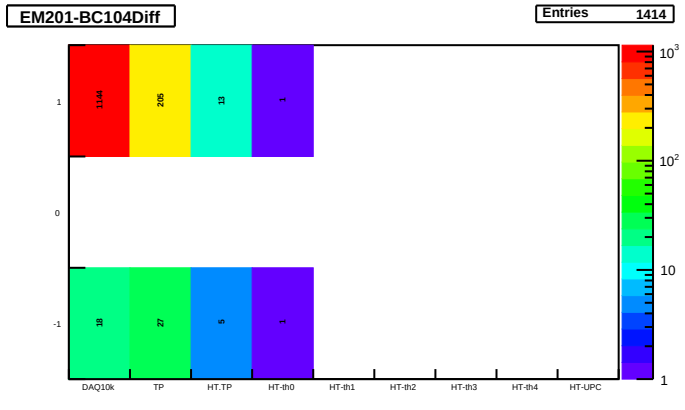

EM201-BC102
Entries 12555
69 1363 34 51
1326 32 1361 1395 1395 1395 1395 1395 1344
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC


EM201-BC102Diff
Entries 1465
39 1324 33
39 30
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC

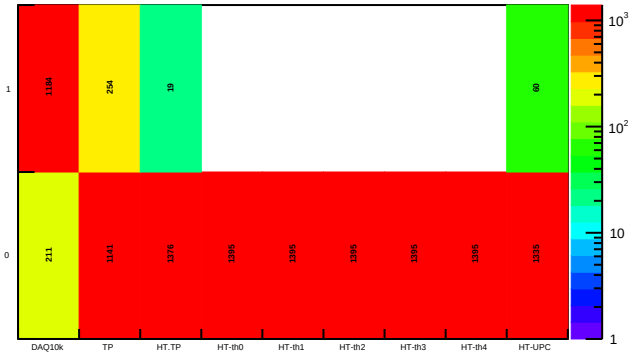

EM201-BC103
Entries 12555
1214 195 24 1 52
181 1200 1371 1394 1395 1395 1395 1395 1343
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC


EM201-BC103Diff
Entries 1430
1175 170 21 1
24 38 1
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC

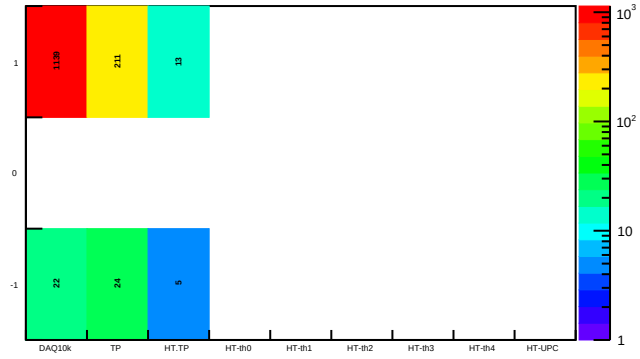

EM201-BC104
Entries 12555
1188 240 17 1 61
207 1155 1378 1394 1395 1395 1395 1395 1334
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC


EM201-BC104Diff
Entries 1414
1144 205 13 1
18 27 5 1
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC

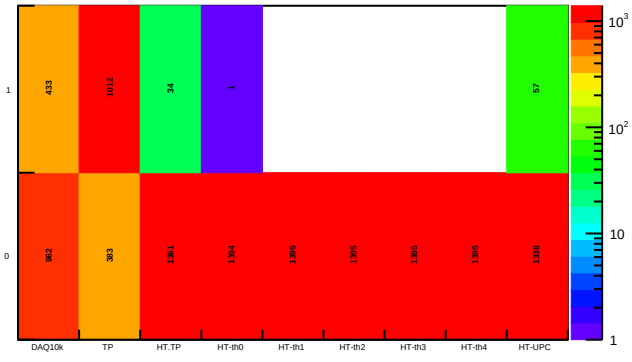
EM201-BC105 Entries 12555



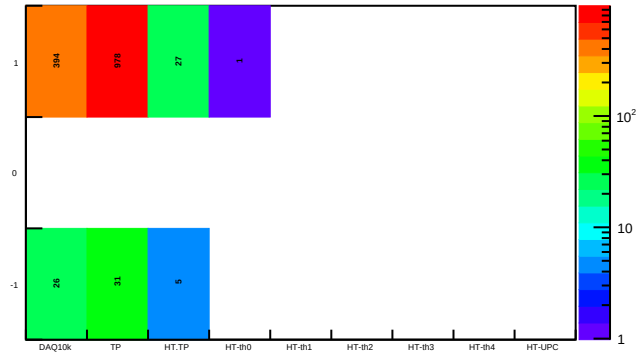
EM201-BC105Diff Entries 1414



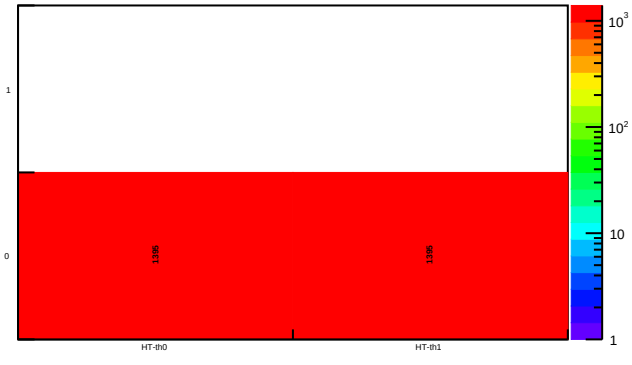
EM201-BC106 Entries 12555



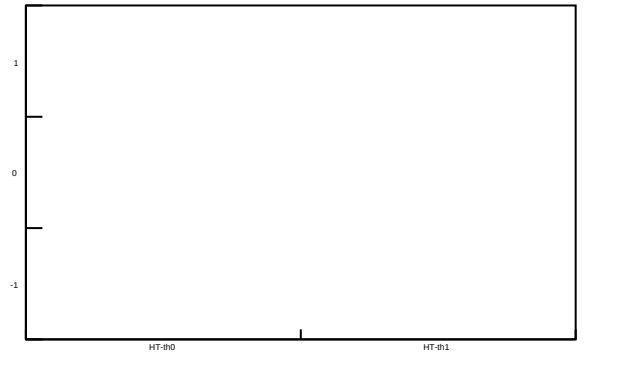
EM201-BC106Diff Entries 1462



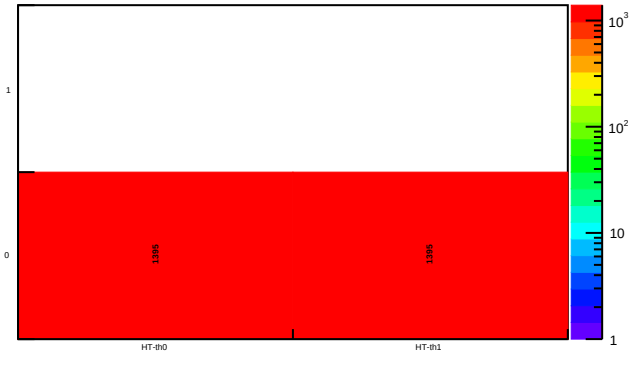
EM201-EE101 Entries 2790



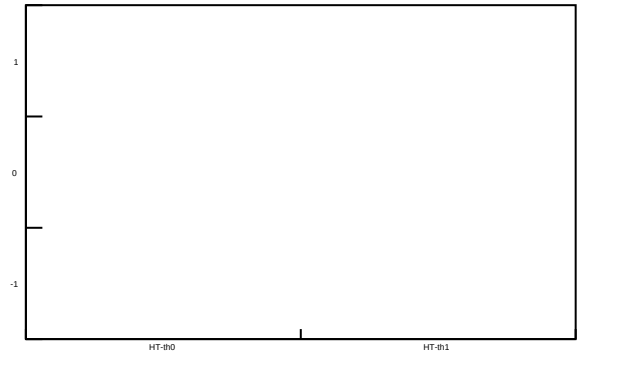
EM201-EE101Diff Entries 0

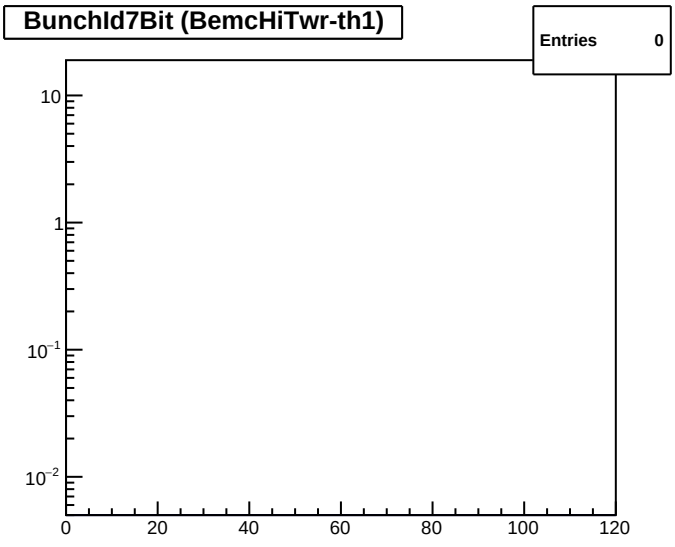


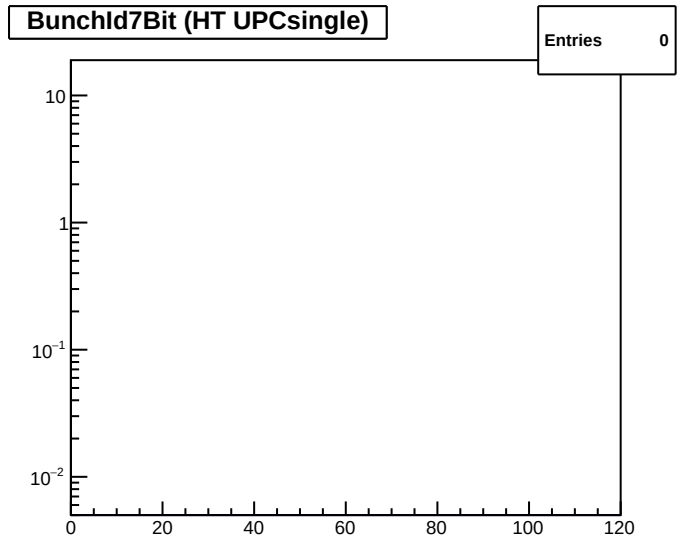
EM201-EE102 Entries 2790

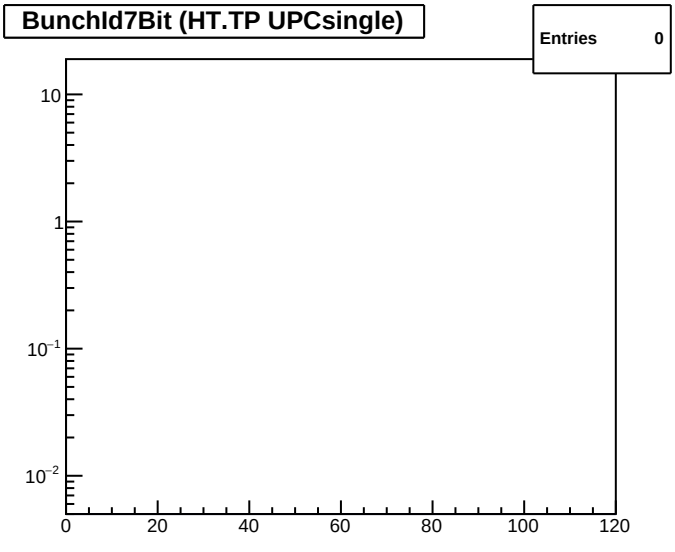


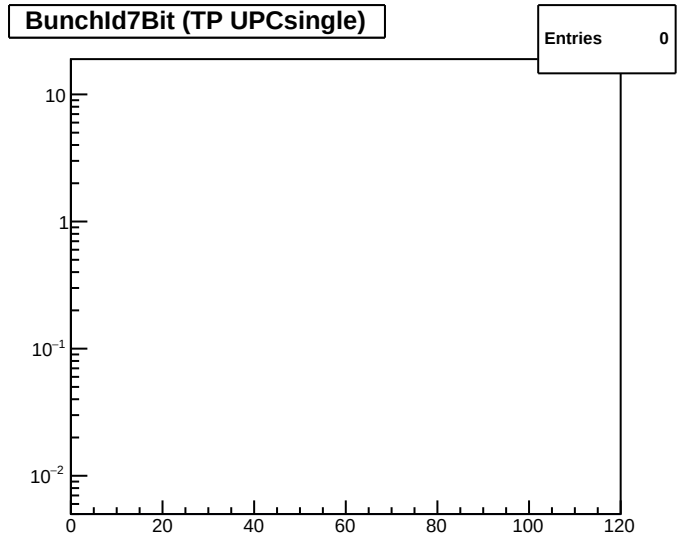
EM201-EE102Diff Entries 0

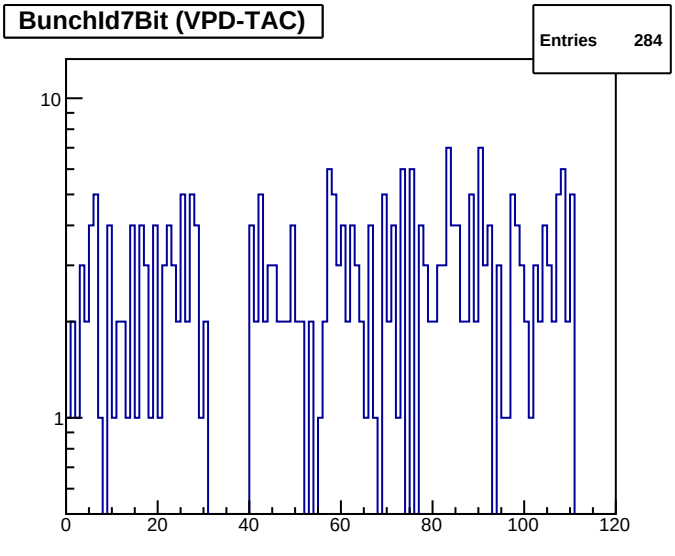


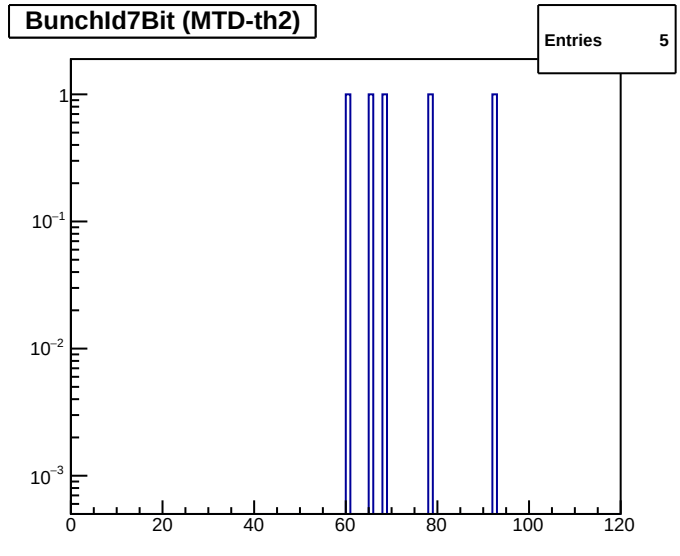

BunchId7Bit (BemcHiTwr-th1)
Entries 0

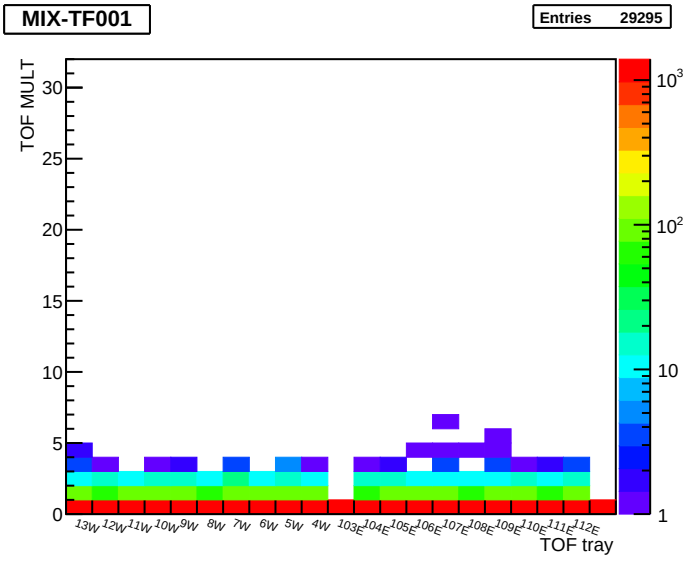

BunchId7Bit (HT UPCsingle)
Entries 0

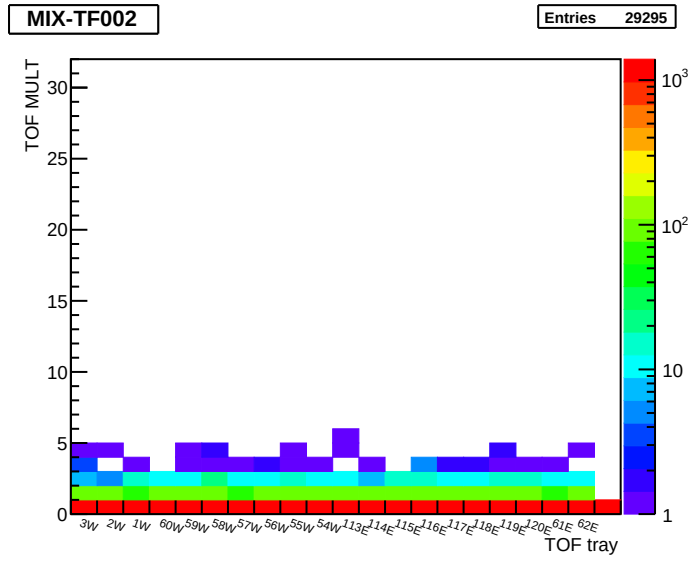

BunchId7Bit (HT.TP UPCsingle)
Entries 0

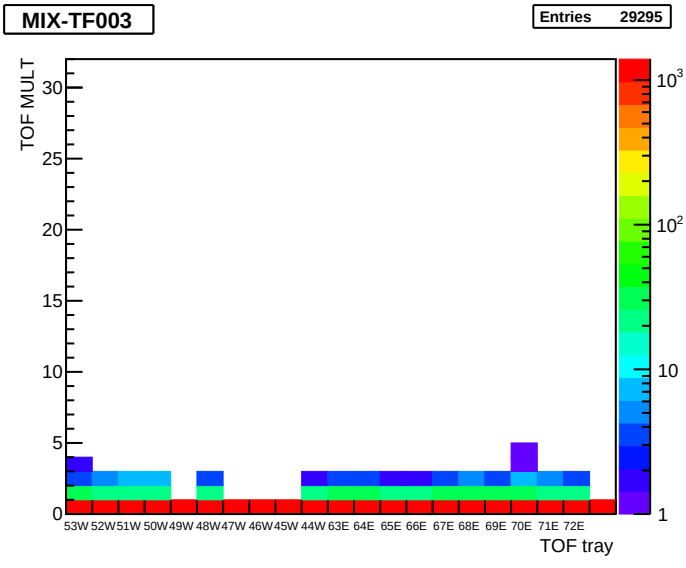

BunchId7Bit (TP UPCsingle)
Entries 0

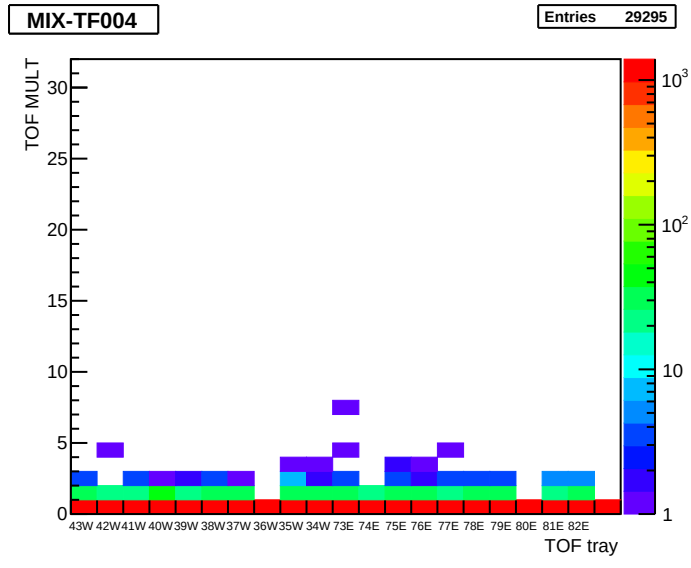

BunchId7Bit (VPD-TAC)
Entries 284

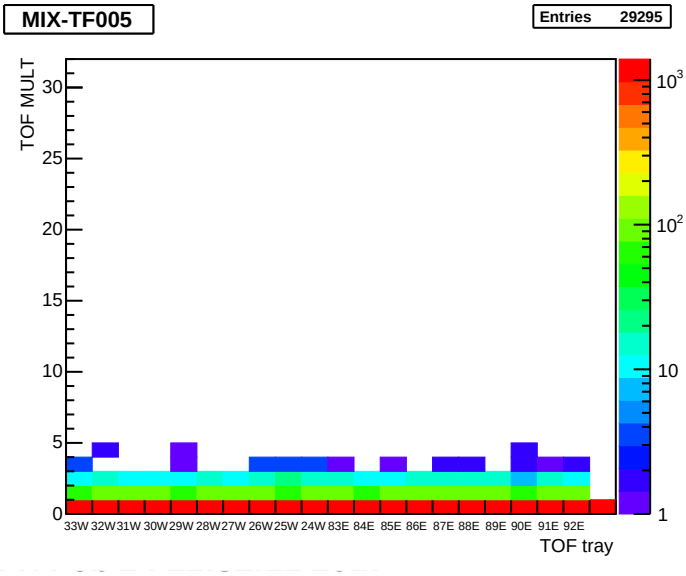

BunchId7Bit (MTD-th2)
Entries 5

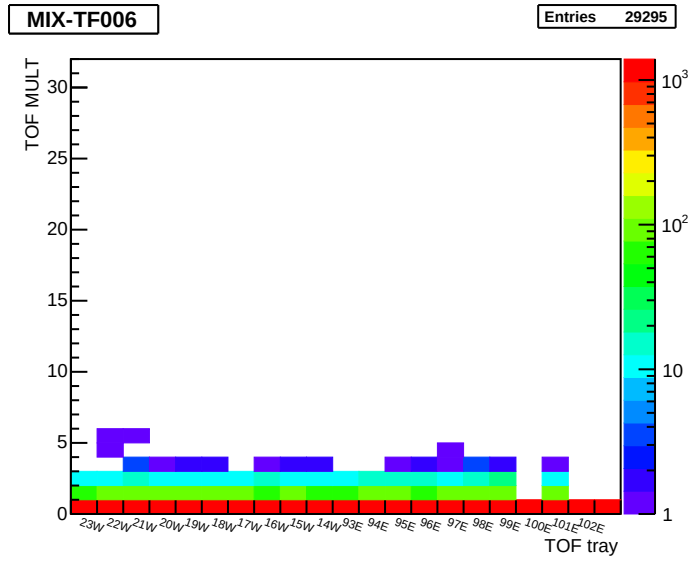

MIX-TF001
Entries 29295
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

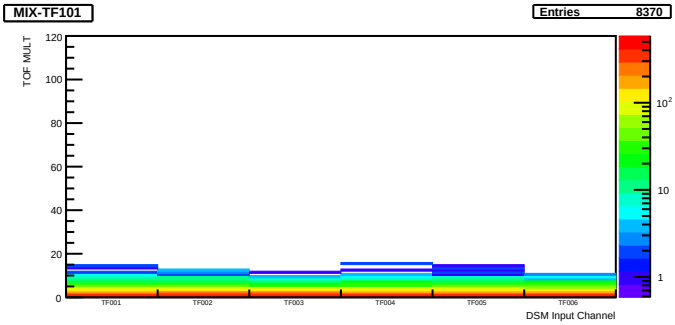

MIX-TF002
Entries 29295
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

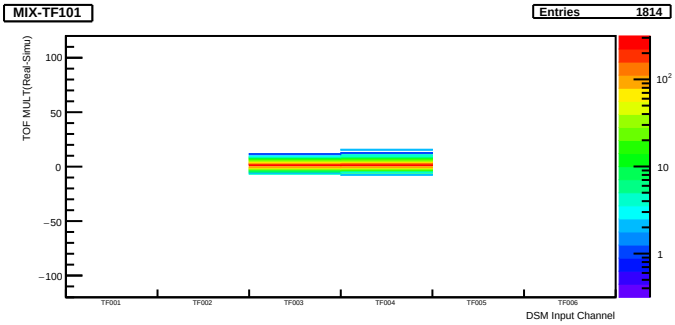

MIX-TF003
Entries 29295
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

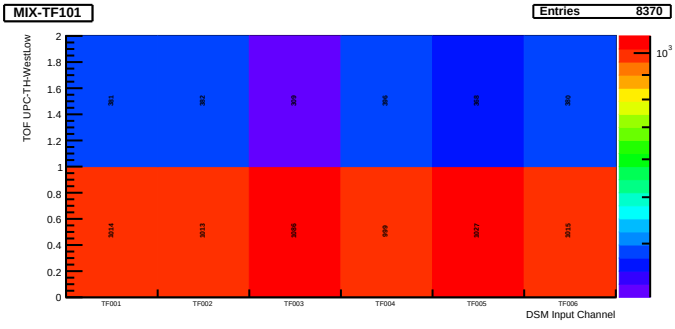

MIX-TF004
Entries 29295
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

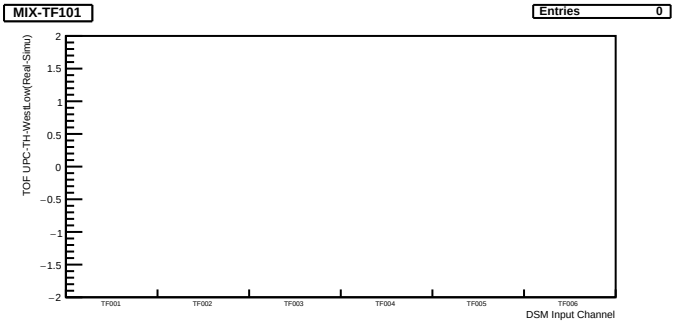

MIX-TF005
Entries 29295
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

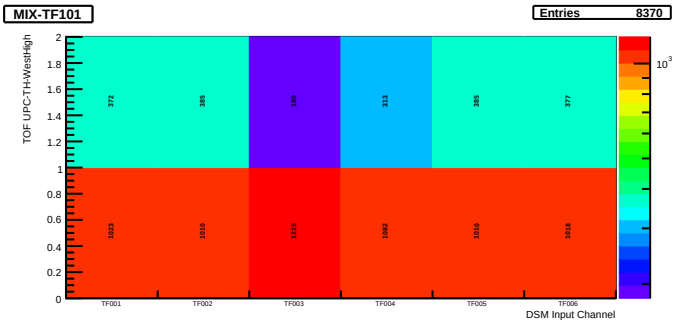

MIX-TF006
Entries 29295
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

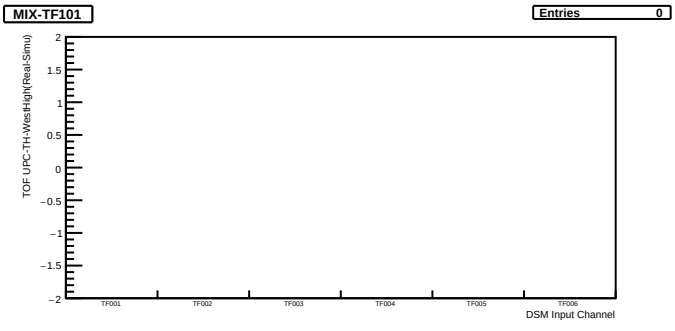

MIX-TF101
Entries 8370
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

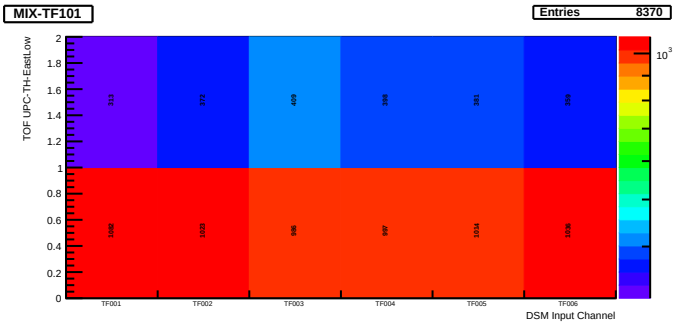

MIX-TF101
Entries 1814
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

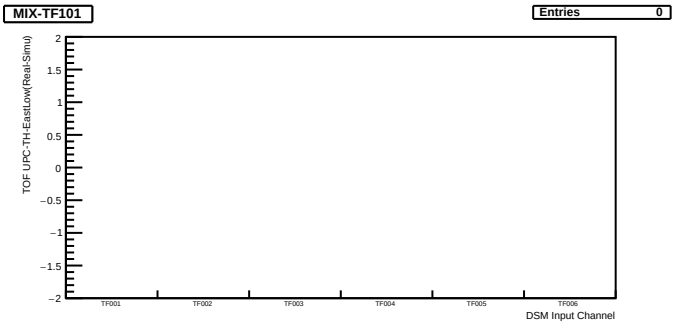

MIX-TF101
Entries 8370
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

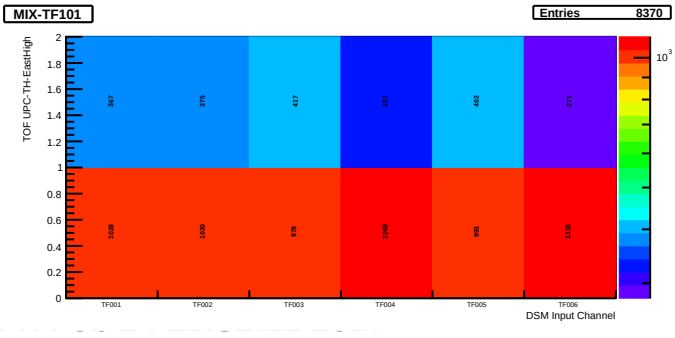

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

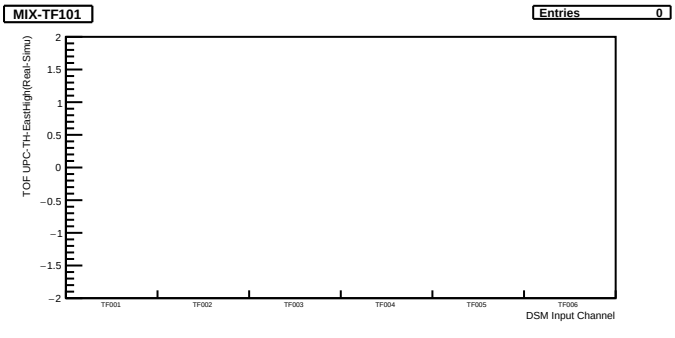

MIX-TF101
Entries 8370
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

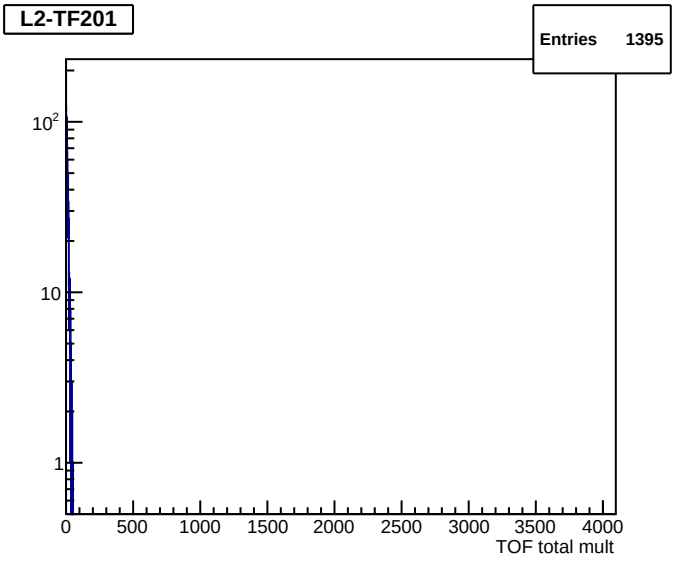

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

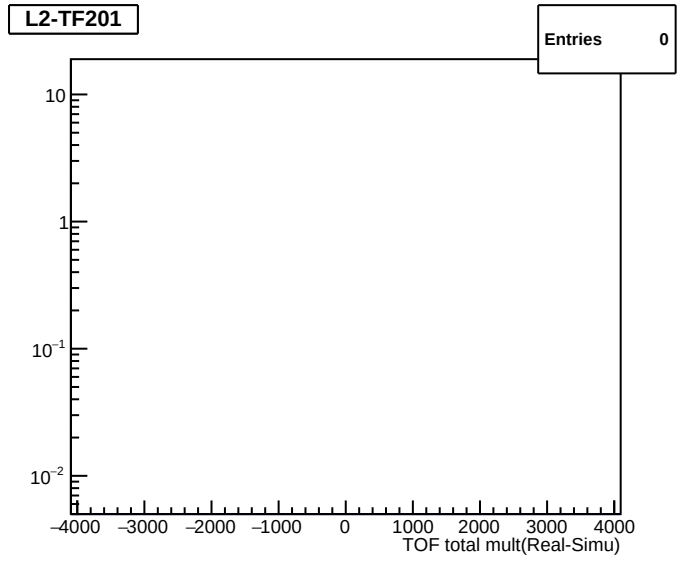

MIX-TF101
Entries 8370
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

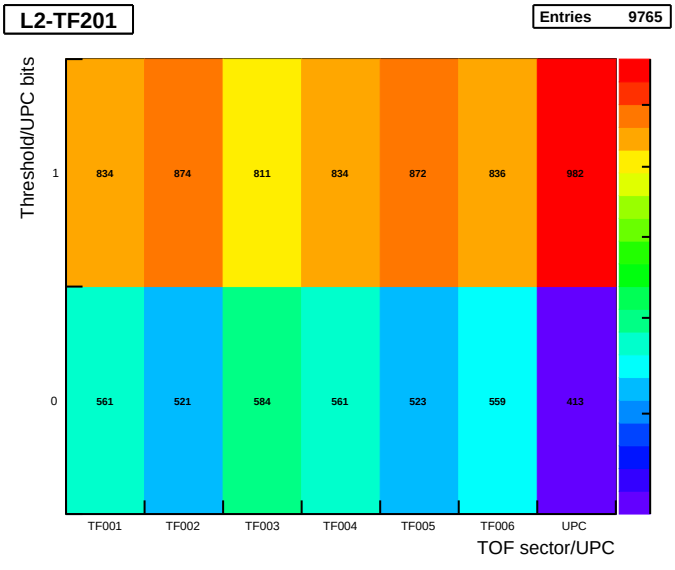

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

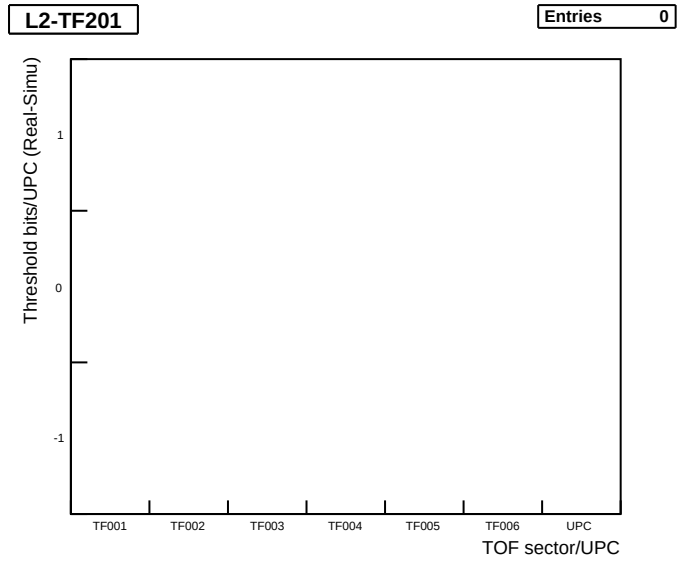

MIX-TF101
Entries 8370
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

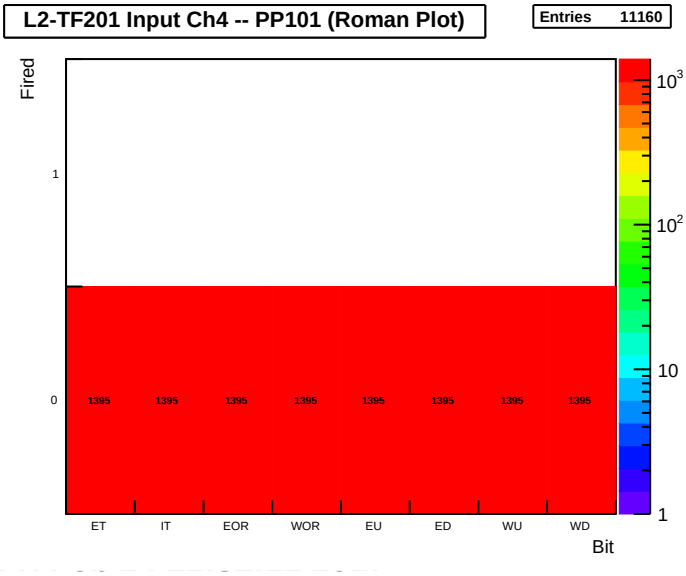

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

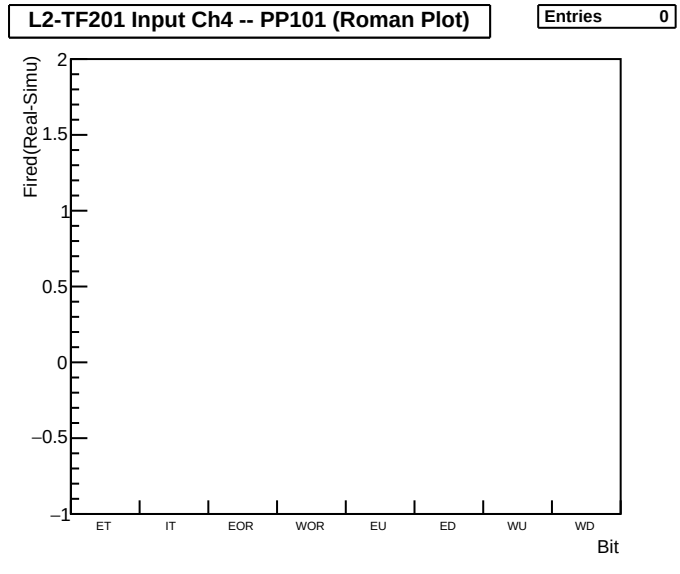

L2-TF201
Entries 1395
TOF total mult

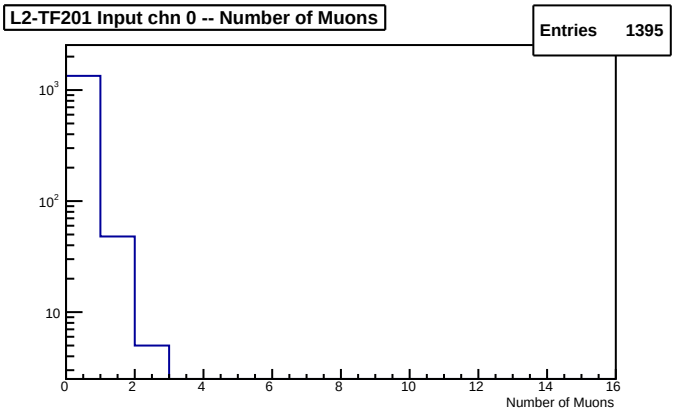

L2-TF201
Entries 0
TOF total mult(Real-Simu)

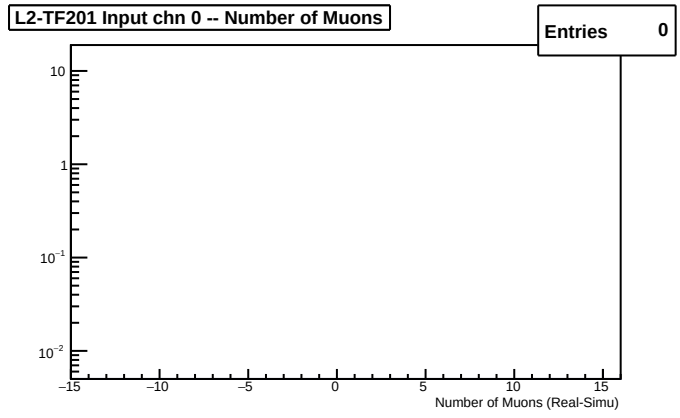

L2-TF201
Entries 9765
Threshold/UPC bits
834 874 811 834 872 836 982
561 521 584 561 523 559 413
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

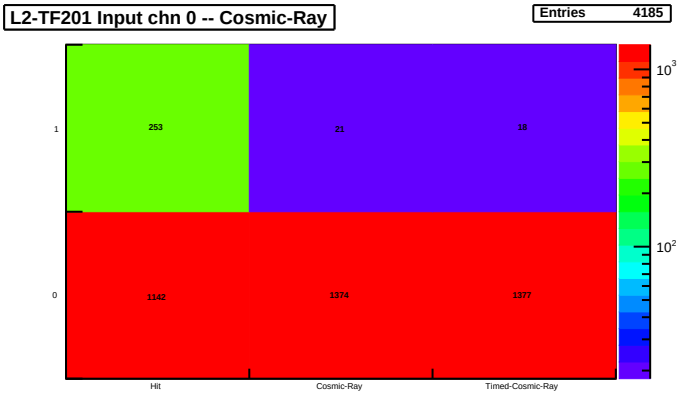

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

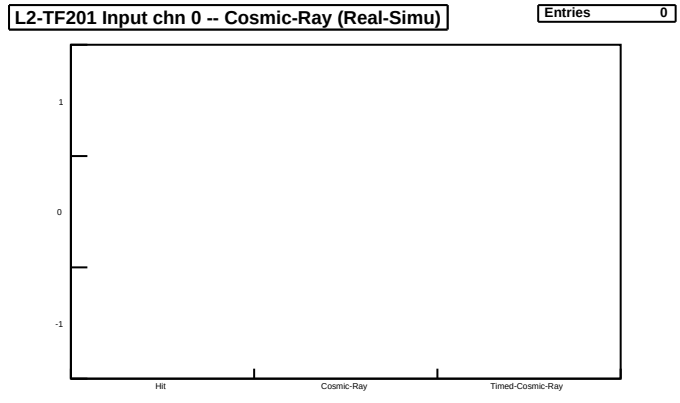

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 11160
Fired
1395 1395 1395 1395 1395 1395 1395 1395
ET IT EOR WOR EU ED WU WD
Bit

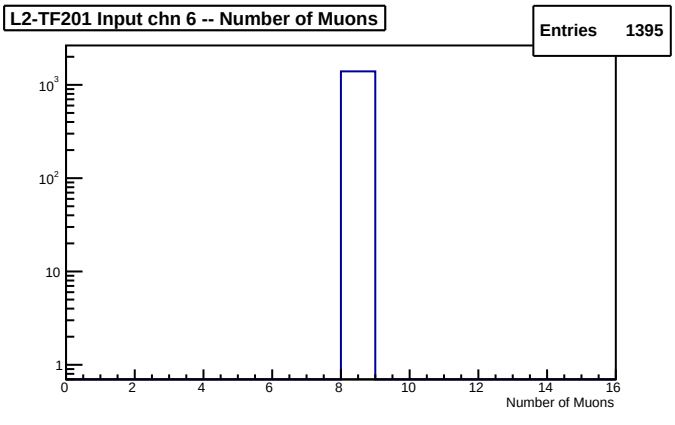

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

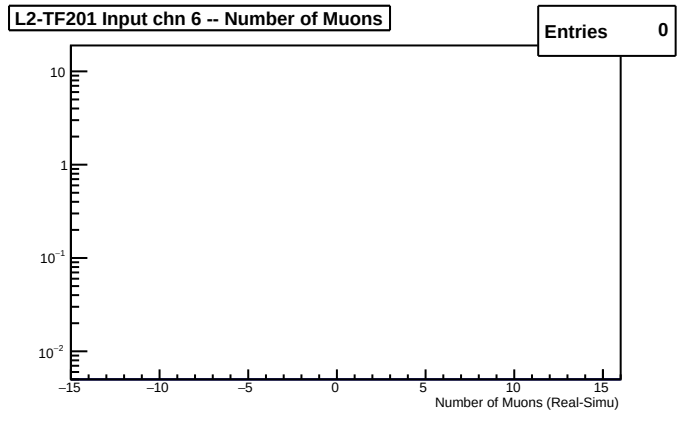

L2-TF201 Input chn 0 -- Number of Muons
Entries 1395
Number of Muons

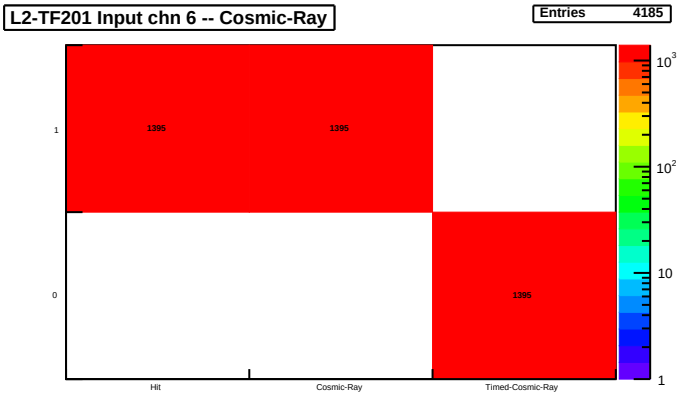

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

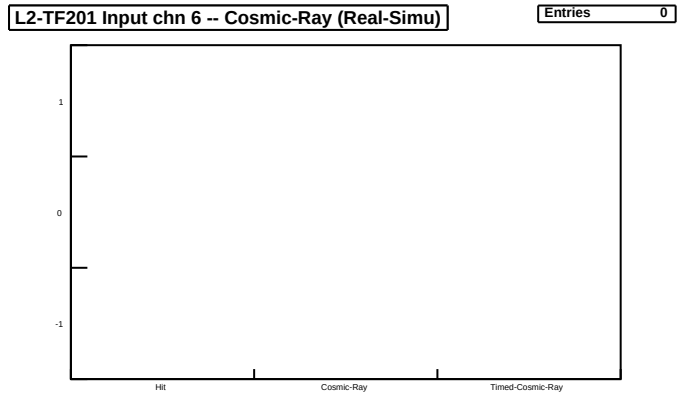

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 4185
253
21
18
1142
1374
1377
Hit
Cosmic-Ray
Timed-Cosmic-Ray

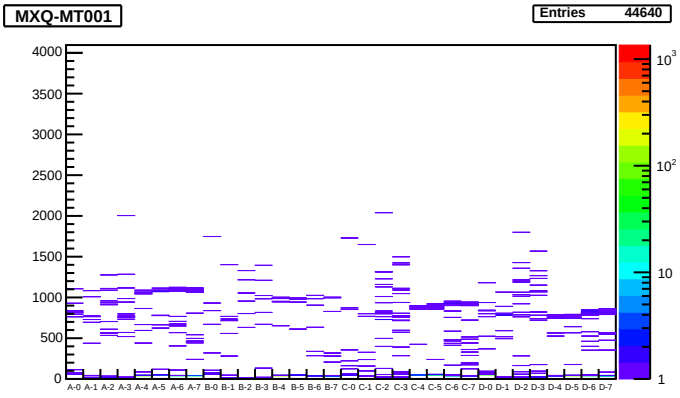

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

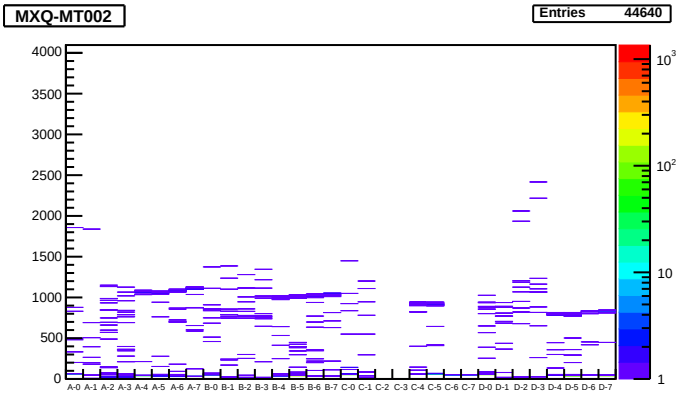

L2-TF201 Input chn 6 -- Number of Muons
Entries 1395
Number of Muons

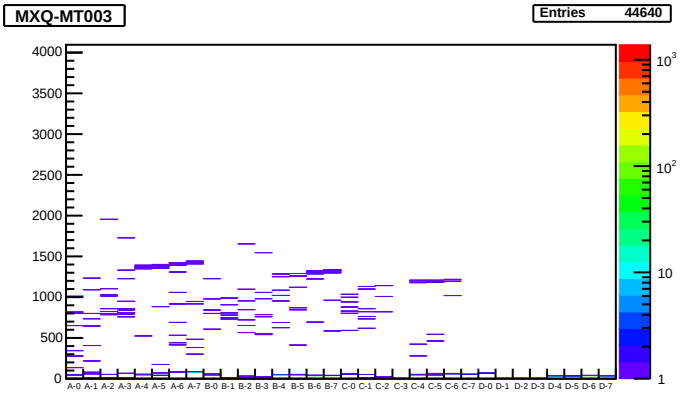

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

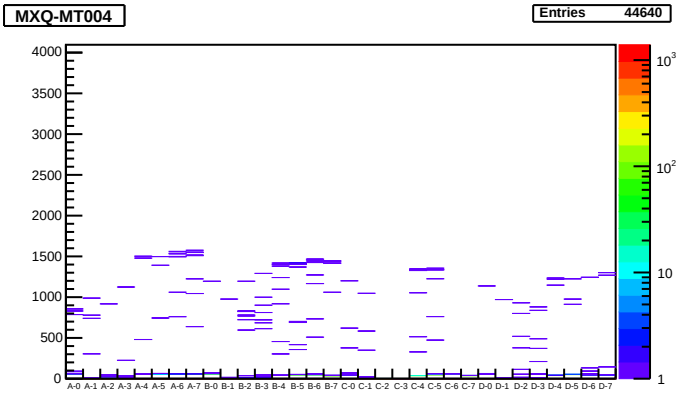

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 4185
1395
1395
1395
Hit
Cosmic-Ray
Timed-Cosmic-Ray

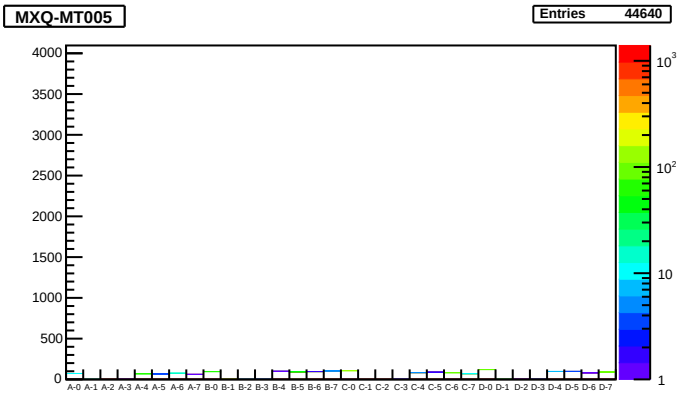

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

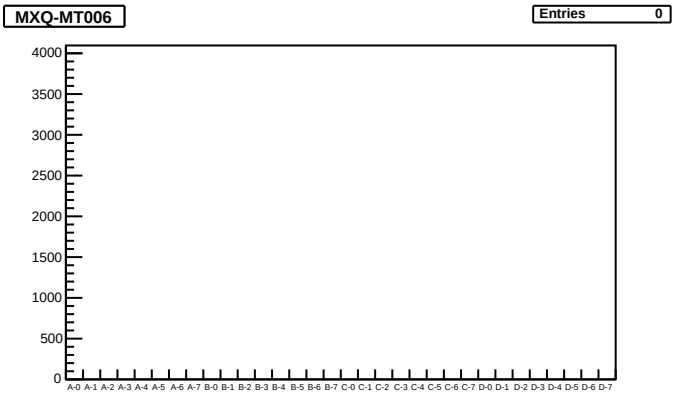

MXQ-MT001
Entries 44640

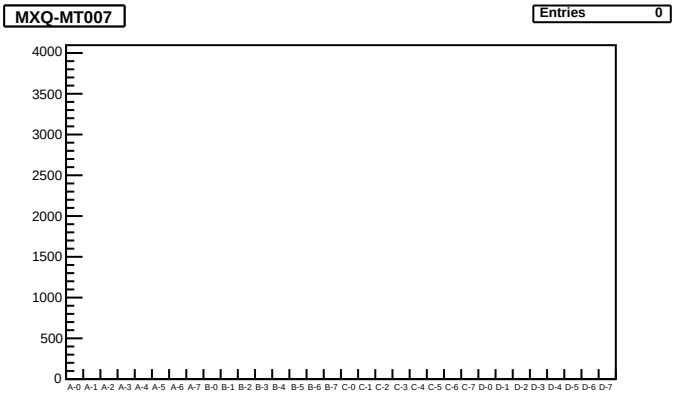

MXQ-MT002
Entries 44640

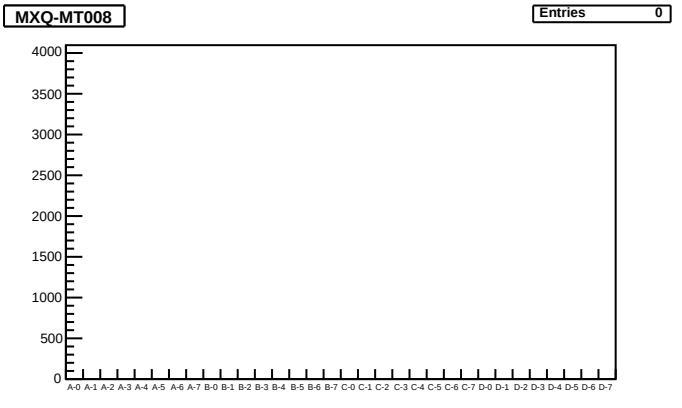

MXQ-MT003
Entries 44640

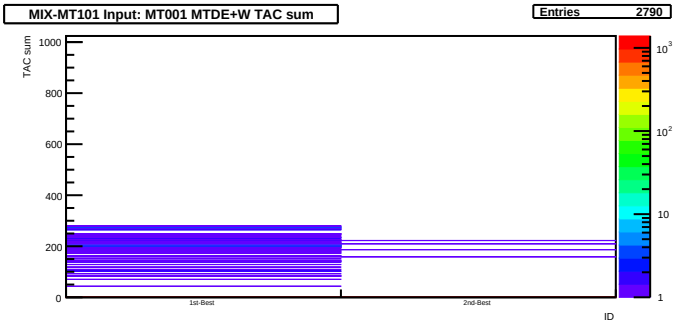

MXQ-MT004
Entries 44640

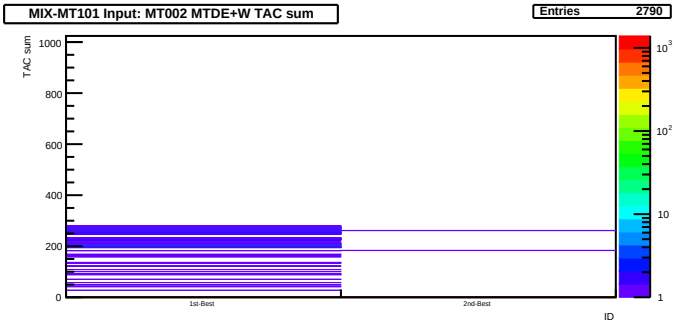

MXQ-MT005
Entries 44640

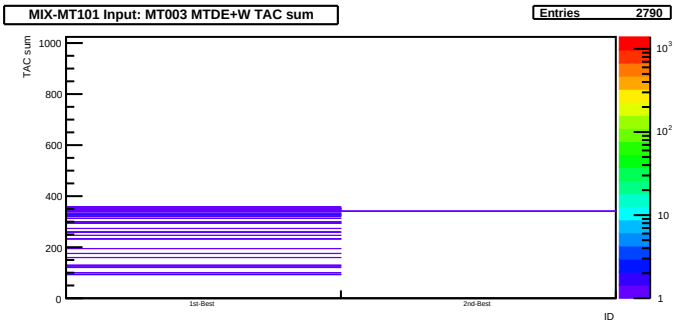

MXQ-MT006
Entries 0

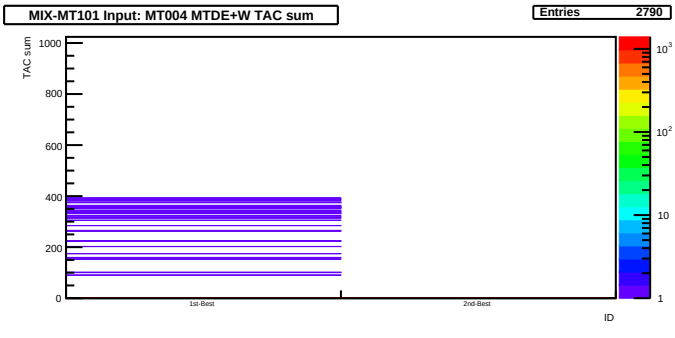

MXQ-MT007
Entries 0

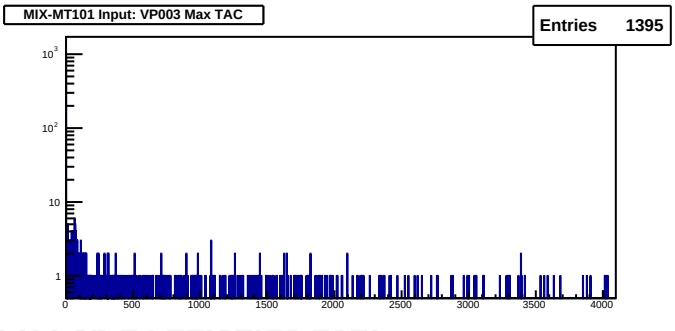

MXQ-MT008
Entries 0

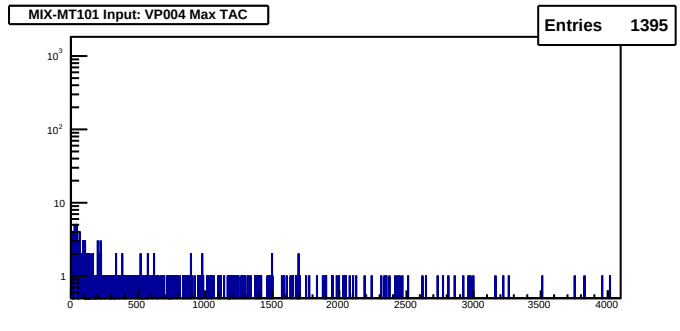

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 2790
TAC sum
1st-Best
2nd-Best
ID

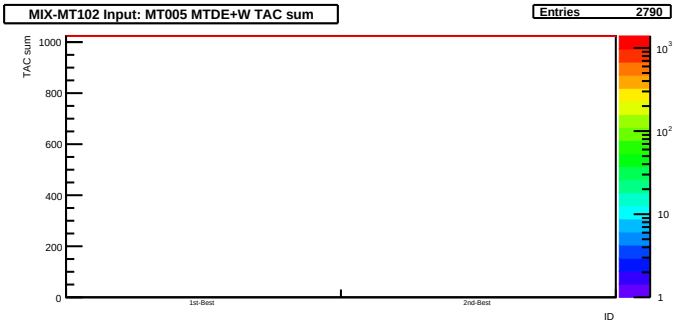

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 2790
TAC sum
1st-Best
2nd-Best
ID

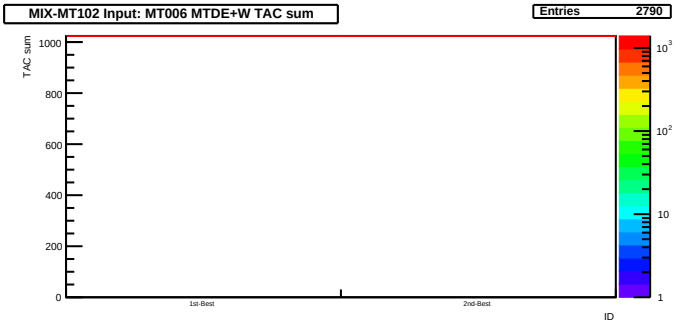

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 2790
TAC sum
1st-Best
2nd-Best
ID

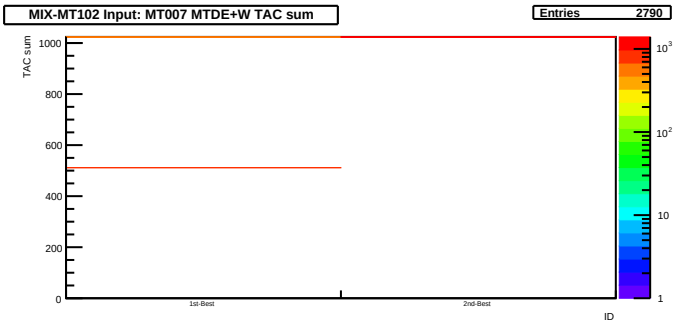

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 2790
TAC sum
1st-Best
2nd-Best
ID

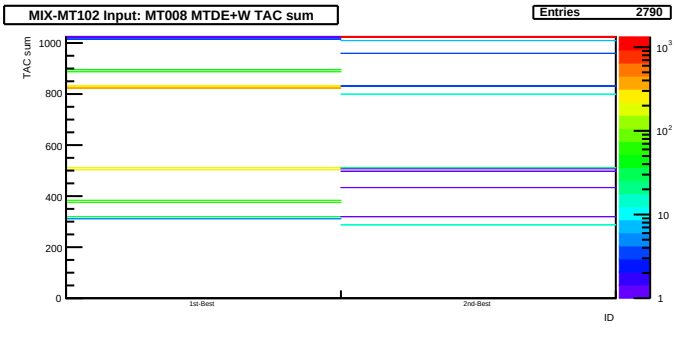

MIX-MT101 Input: VP003 Max TAC
Entries 1395

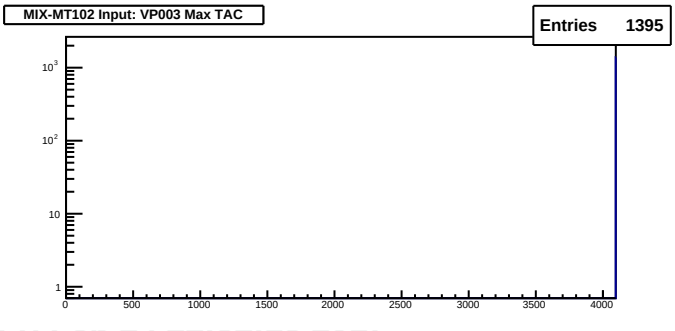

MIX-MT101 Input: VP004 Max TAC
Entries 1395

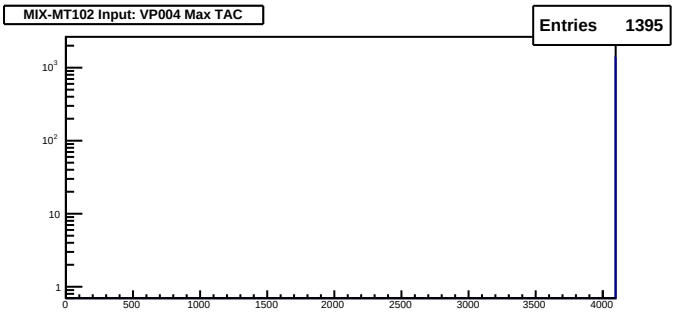

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 2790
TAC sum
1st-Best
2nd-Best
ID

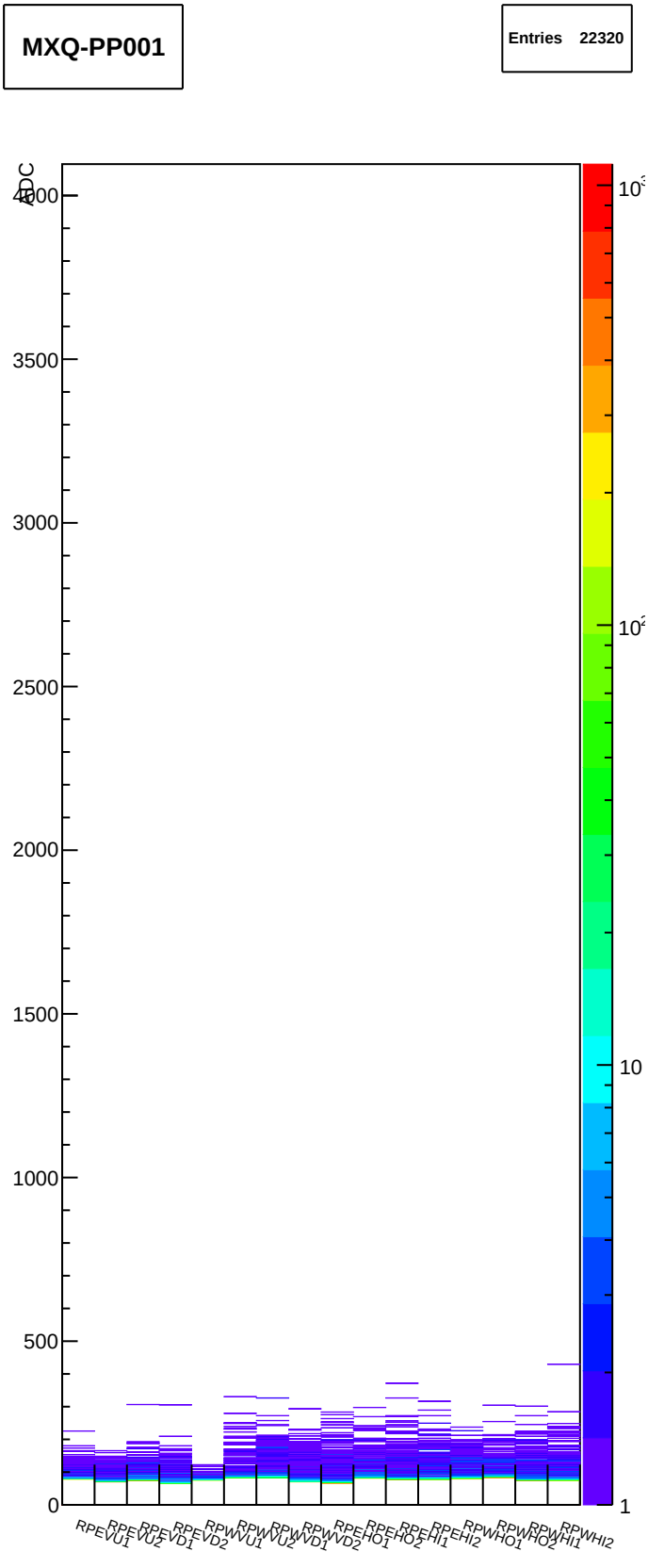

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 2790
TAC sum
1st-Best
2nd-Best
ID

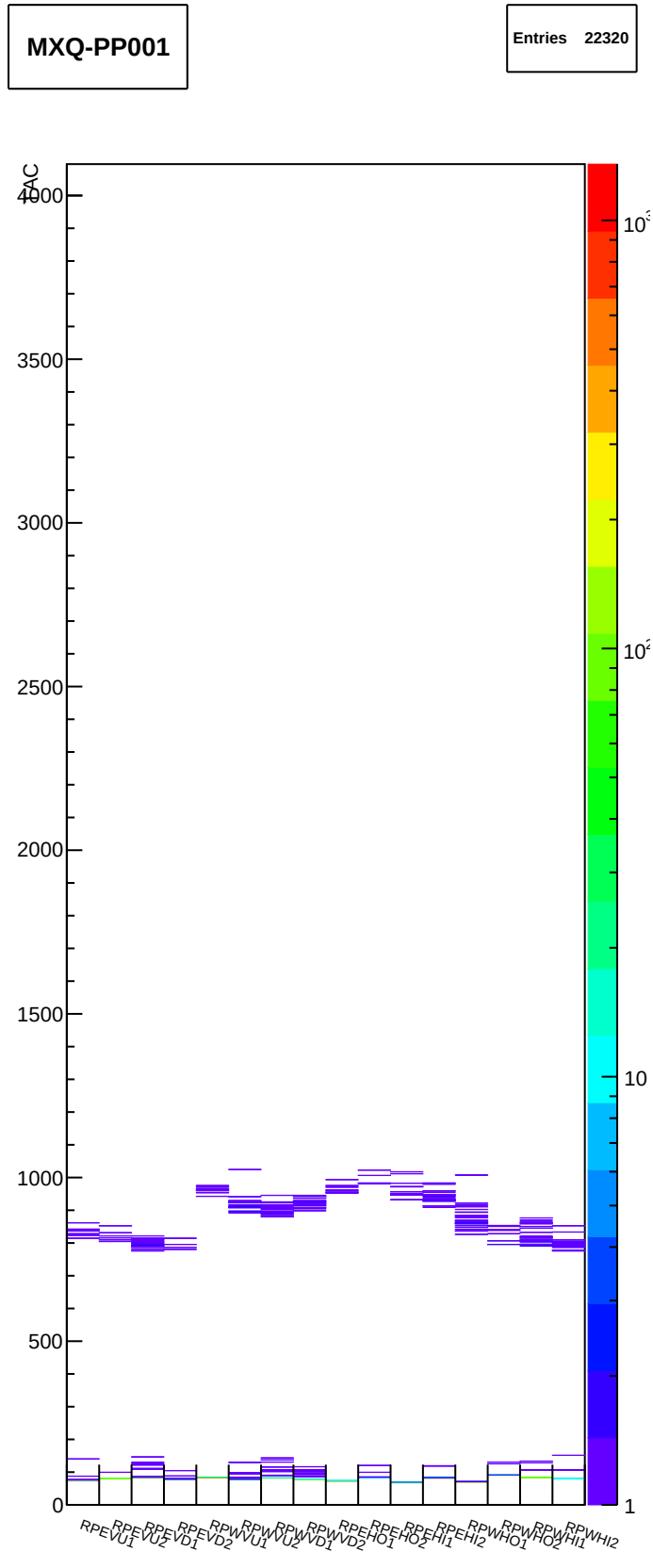

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 2790
TAC sum
1st-Best
2nd-Best
ID

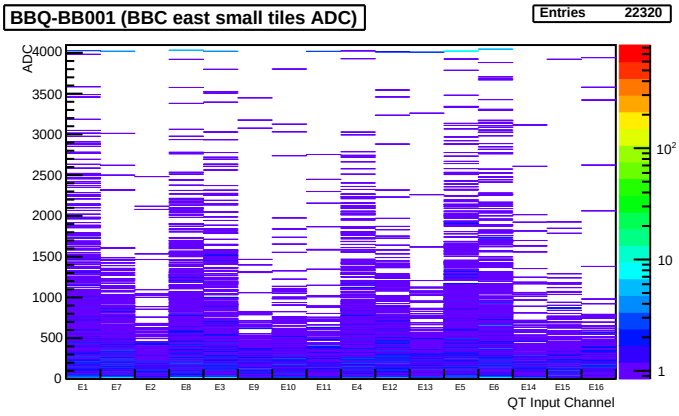

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 2790
TAC sum
1st-Best
2nd-Best
ID

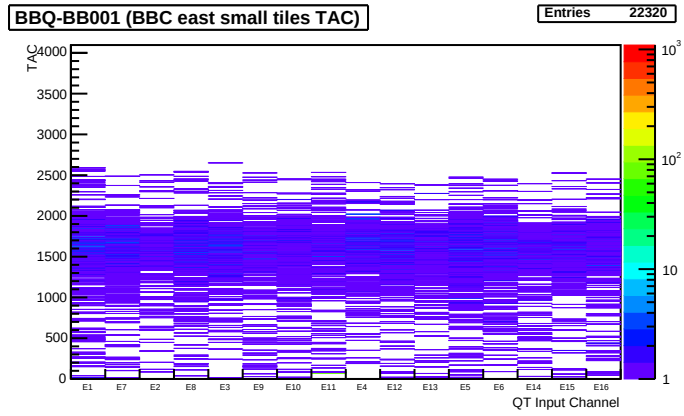

MIX-MT102 Input: VP003 Max TAC
Entries 1395

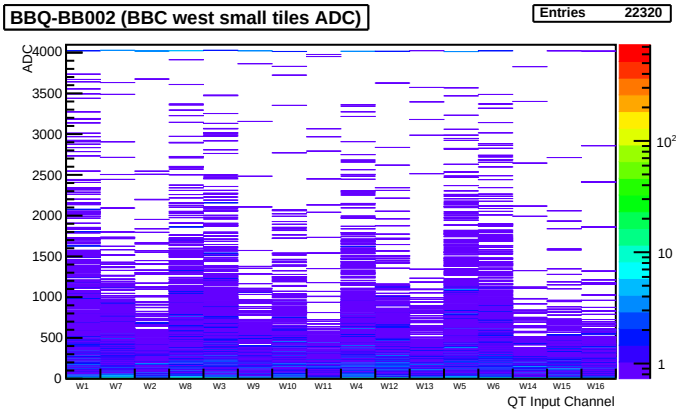

MIX-MT102 Input: VP004 Max TAC
Entries 1395

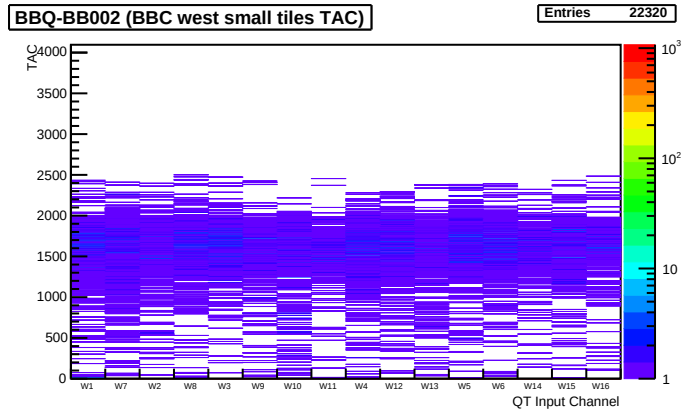

MXQ-PP001
Entries 22320
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

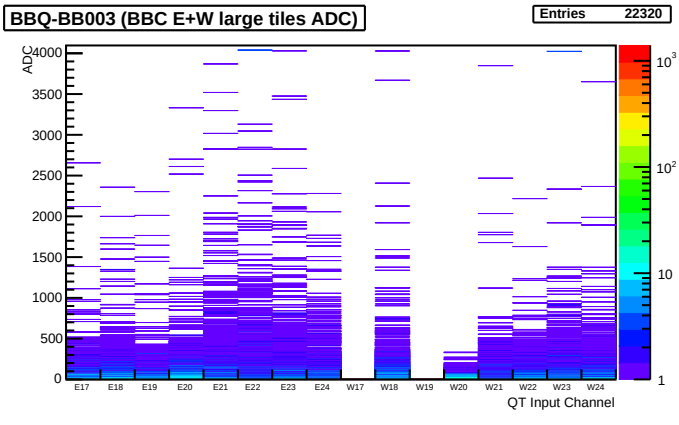

MXQ-PP001
Entries 22320
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

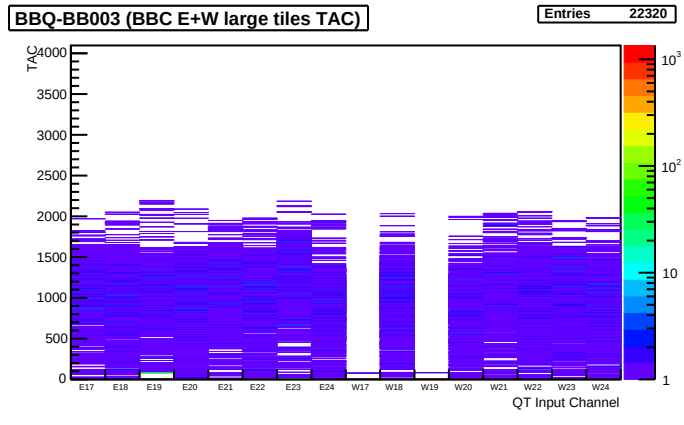

BBQ-BB001 (BBC east small tiles ADC)
Entries 22320
ADC
QT Input Channel

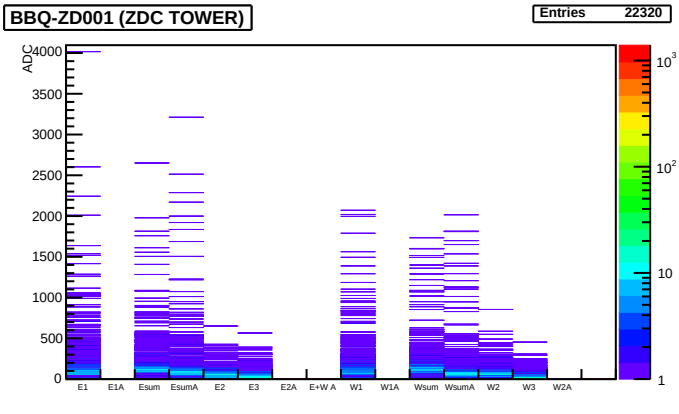

BBQ-BB001 (BBC east small tiles TAC)
Entries 22320
TAC
QT Input Channel

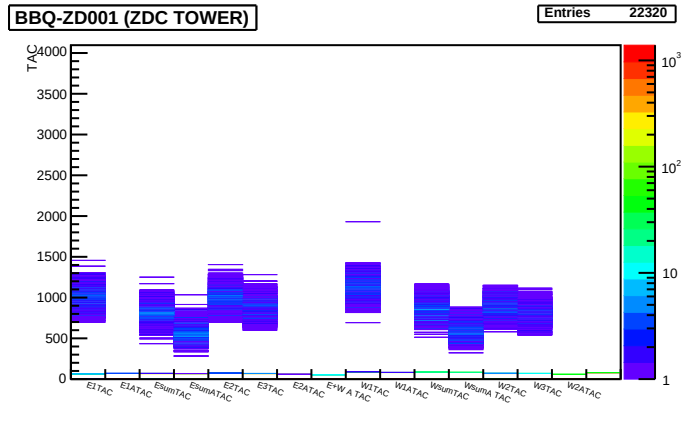

BBQ-BB002 (BBC west small tiles ADC)
Entries 22320
ADC
QT Input Channel

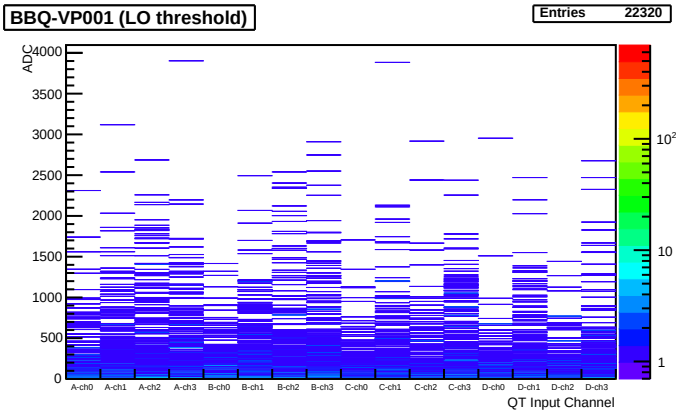

BBQ-BB002 (BBC west small tiles TAC)
Entries 22320
TAC
QT Input Channel

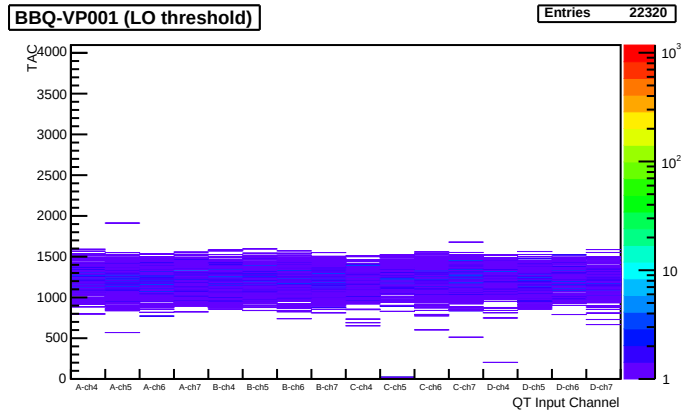

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 22320
ADC
QT Input Channel

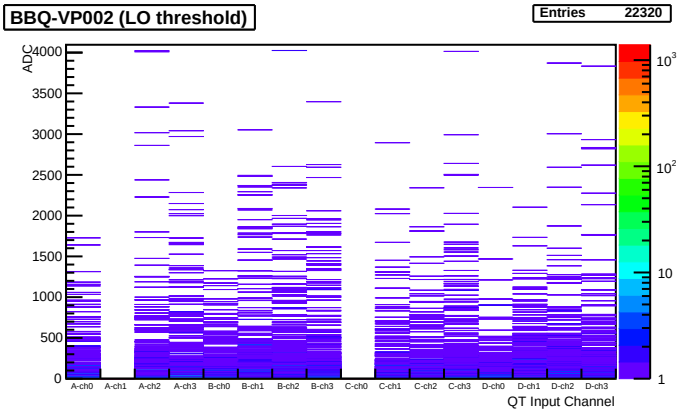

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 22320
TAC
QT Input Channel

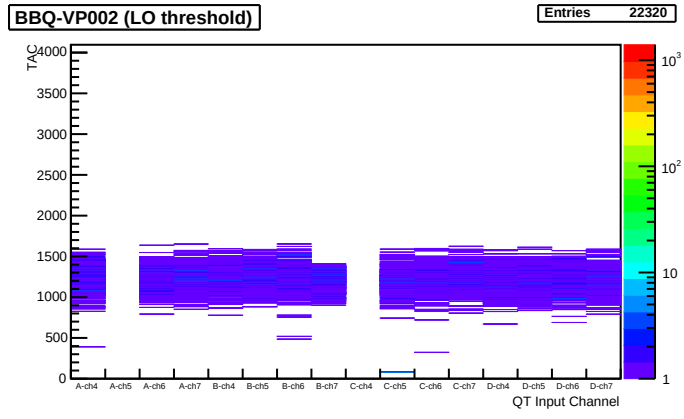

BBQ-ZD001 (ZDC TOWER)
Entries 22320
ADC

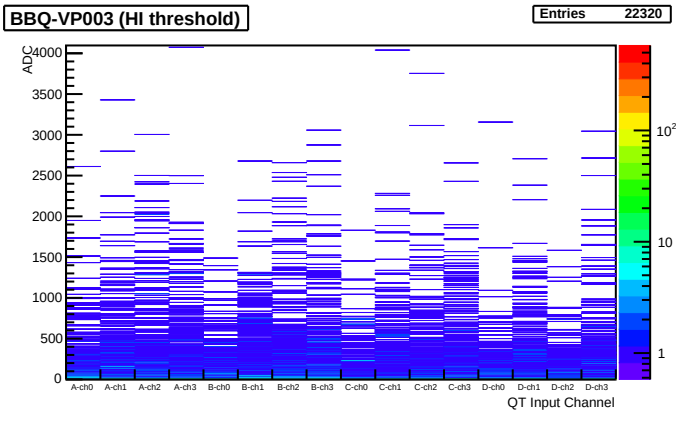

BBQ-ZD001 (ZDC TOWER)
Entries 22320
TAC

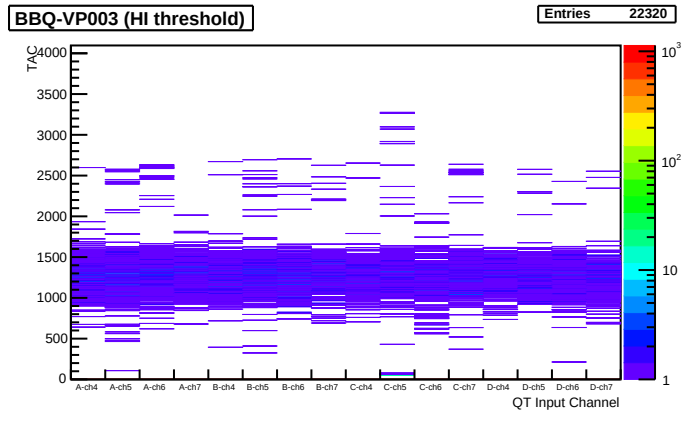

BBQ-VP001 (LO threshold)
Entries 22320
ADC
QT Input Channel

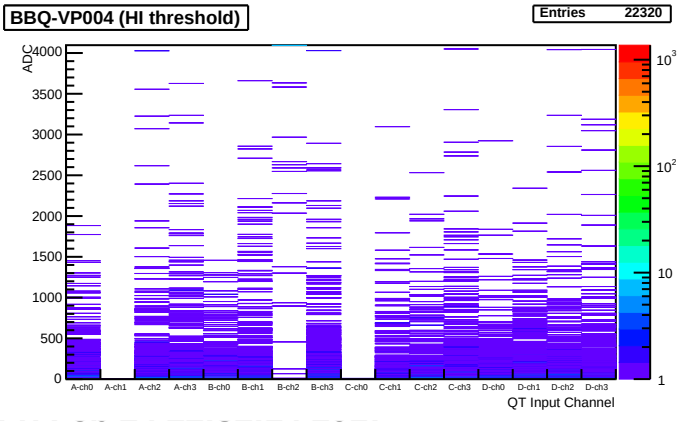

BBQ-VP001 (LO threshold)
Entries 22320
TAC
QT Input Channel

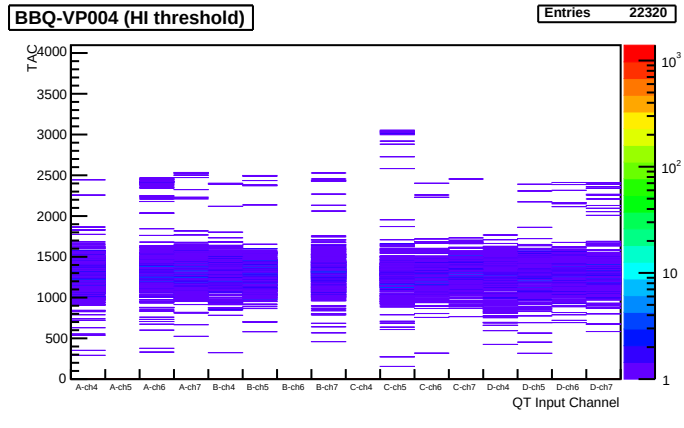

BBQ-VP002 (LO threshold)
Entries 22320
ADC
QT Input Channel

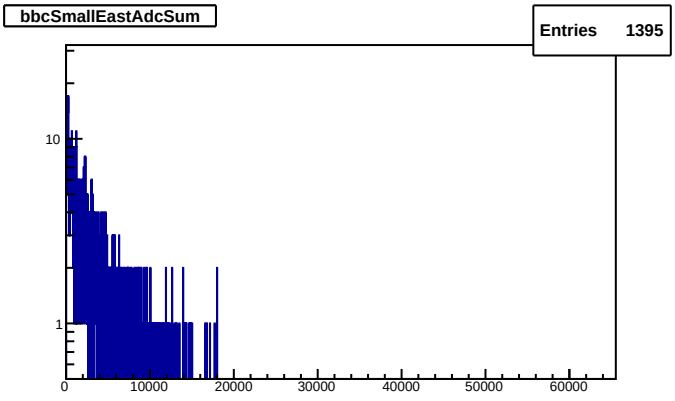

BBQ-VP002 (LO threshold)
Entries 22320
TAC
QT Input Channel

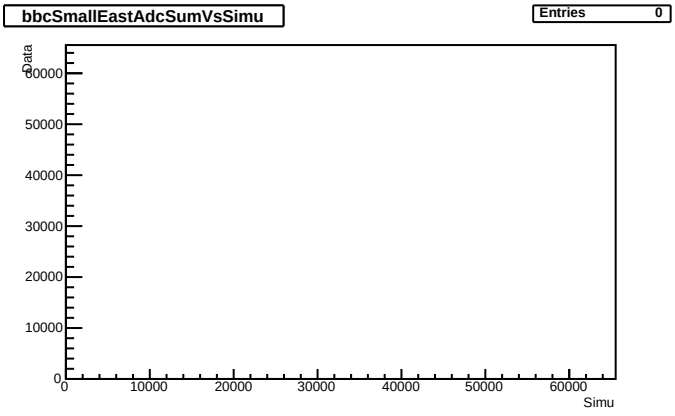

BBQ-VP003 (HI threshold)
Entries 22320
ADC
QT Input Channel

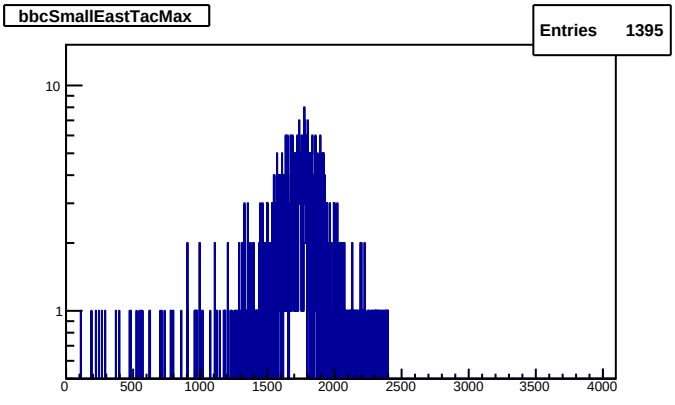

BBQ-VP003 (HI threshold)
Entries 22320
TAC
QT Input Channel

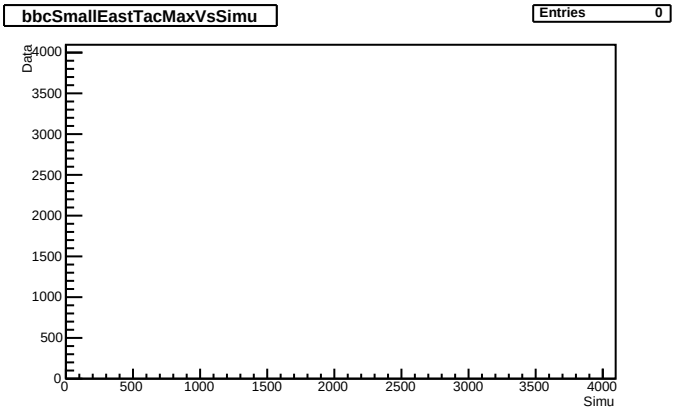

BBQ-VP004 (HI threshold)
Entries 22320
ADC
QT Input Channel

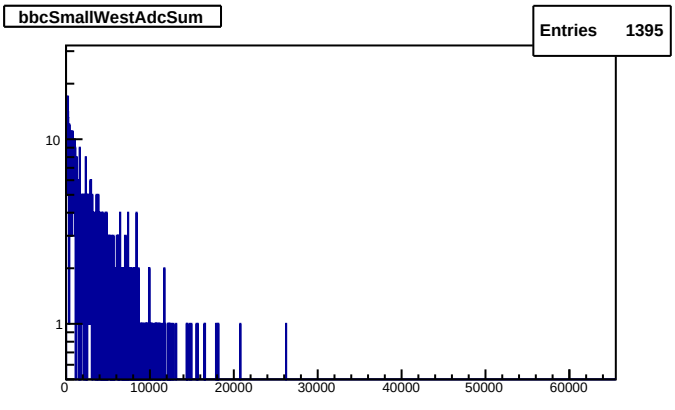

BBQ-VP004 (HI threshold)
Entries 22320
TAC
QT Input Channel

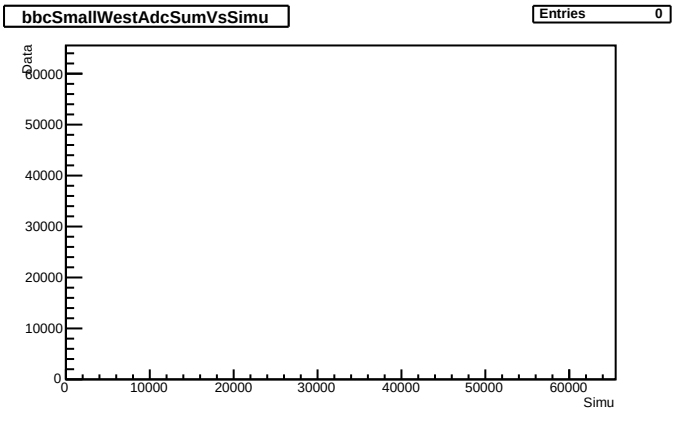

bbcSmallEastAdcSum
Entries 1395
10
1
0
10000
20000
30000
40000
50000
60000

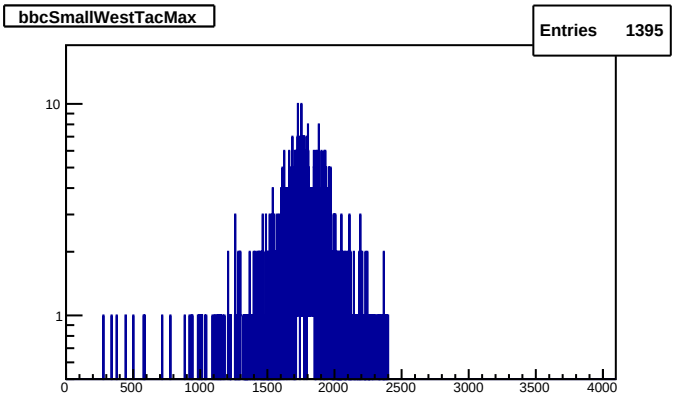

bbcSmallEastAdcSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
10000
20000
30000
40000
50000
60000
Simu

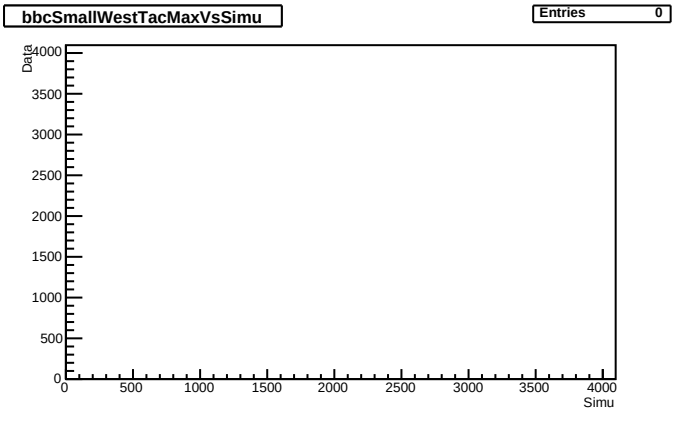

bbcSmallEastTacMax
Entries 1395
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

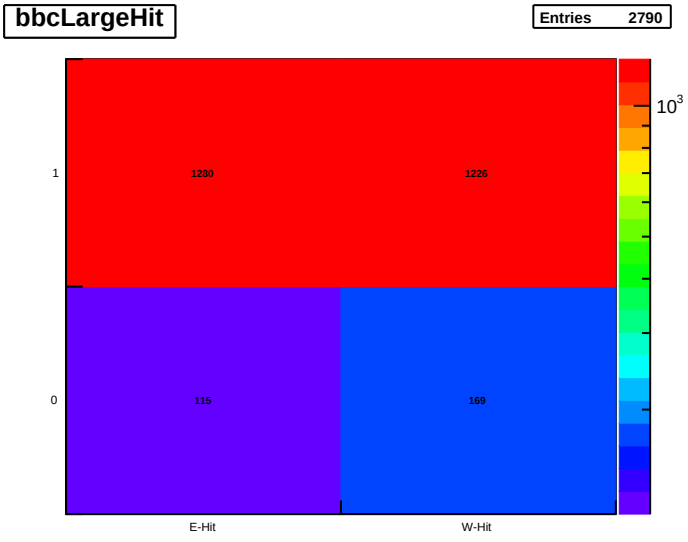

bbcSmallEastTacMaxVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
500
1000
1500
2000
2500
3000
3500
4000
Simu

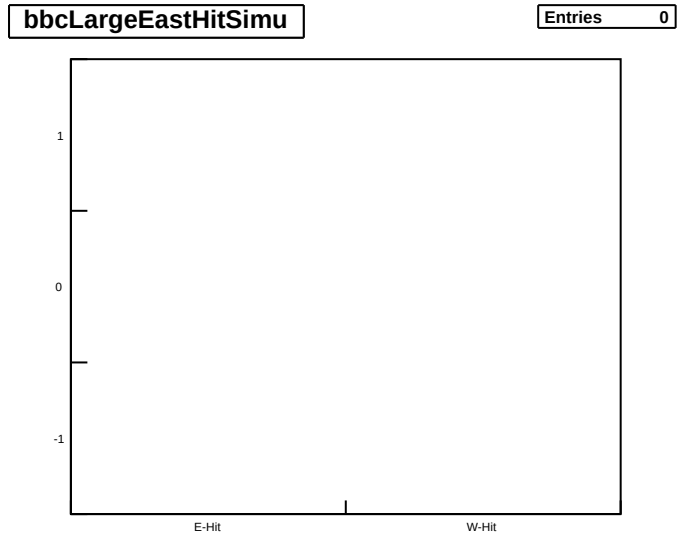

bbcSmallWestAdcSum
Entries 1395
10
1
0
10000
20000
30000
40000
50000
60000

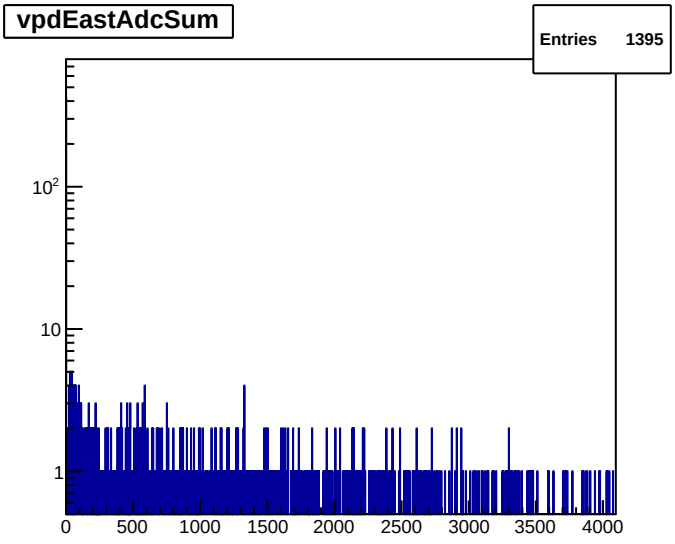

bbcSmallWestAdcSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
10000
20000
30000
40000
50000
60000
Simu

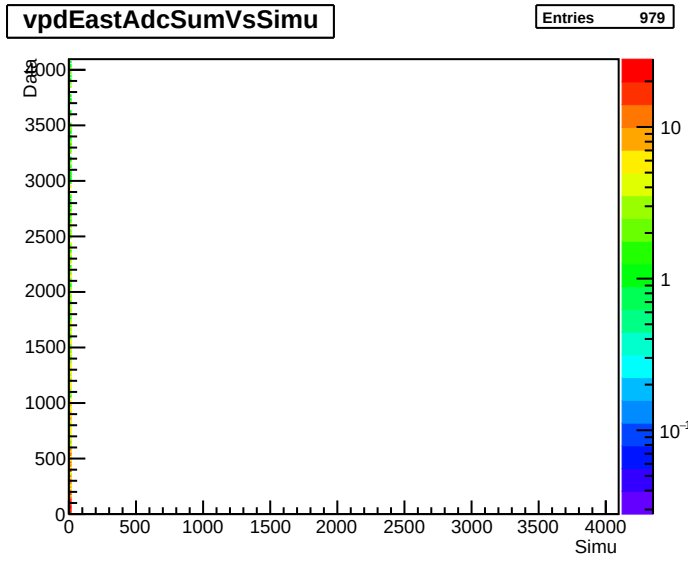

bbcSmallWestTacMax
Entries 1395
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

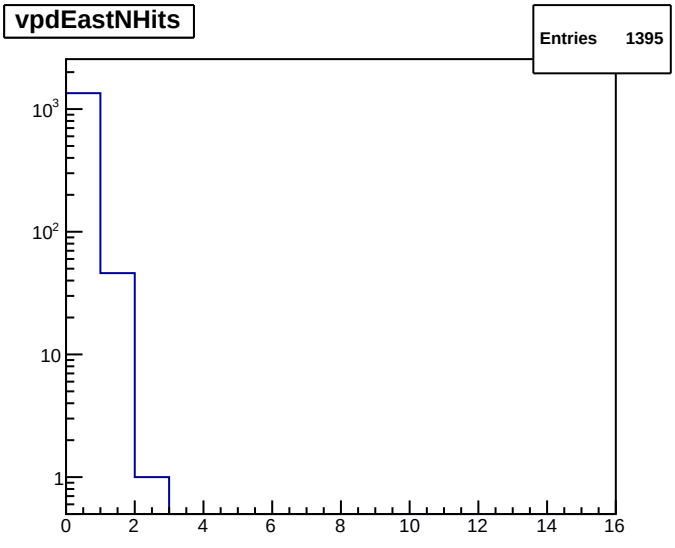

bbcSmallWestTacMaxVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
500
1000
1500
2000
2500
3000
3500
4000
Simu

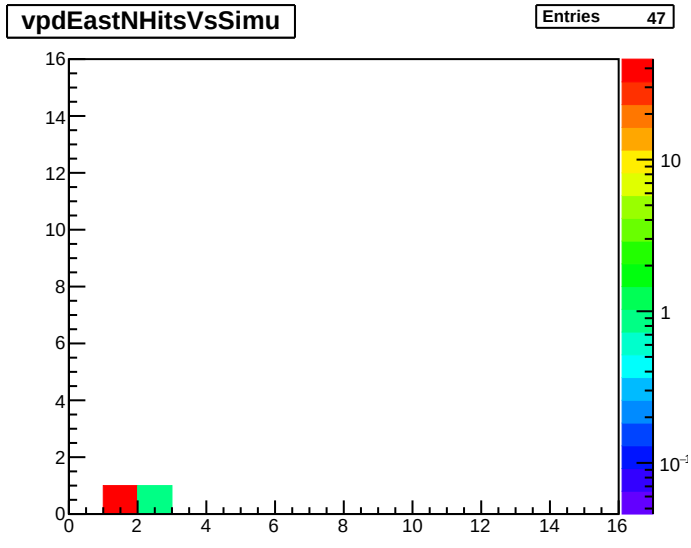

bbcLargeHit
Entries 2790
1280
1226
115
169
1
0
E-Hit
W-Hit
10^3

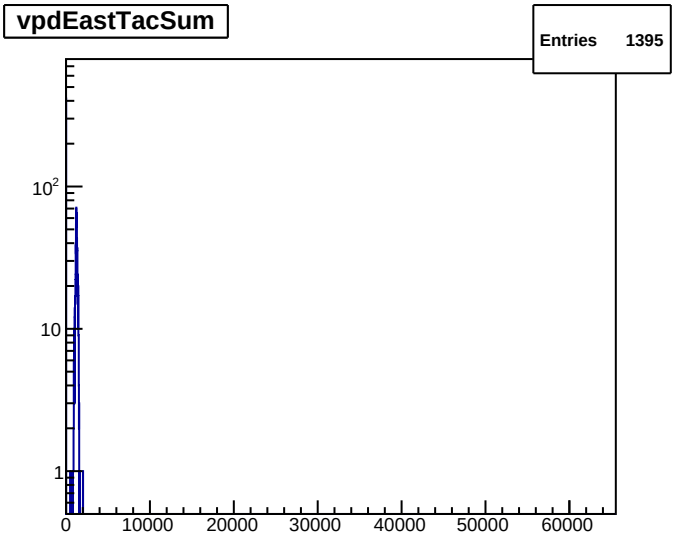

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

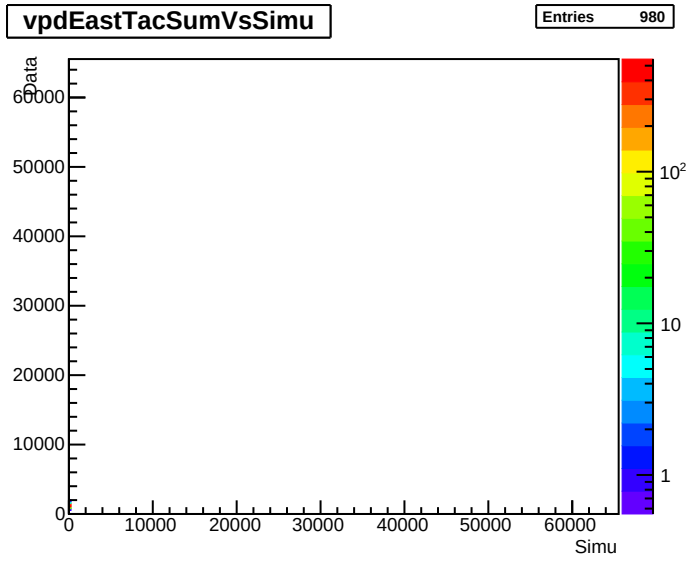

vpdEastAdcSum
Entries 1395

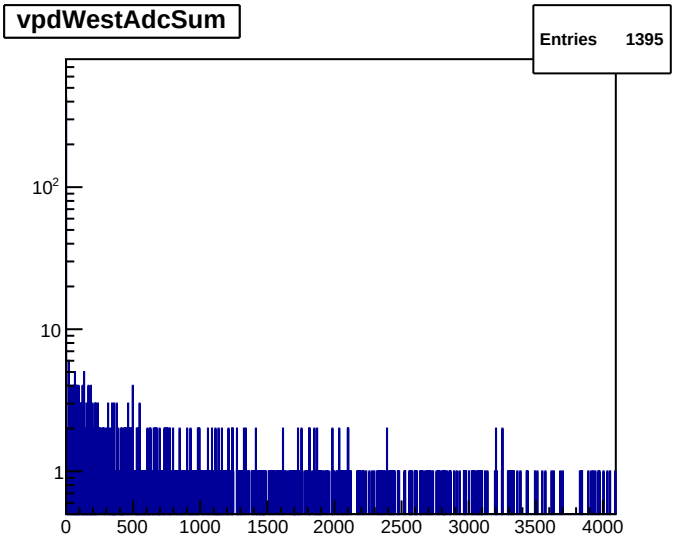

vpdEastAdcSumVsSimu
Entries 979
Data
Simu

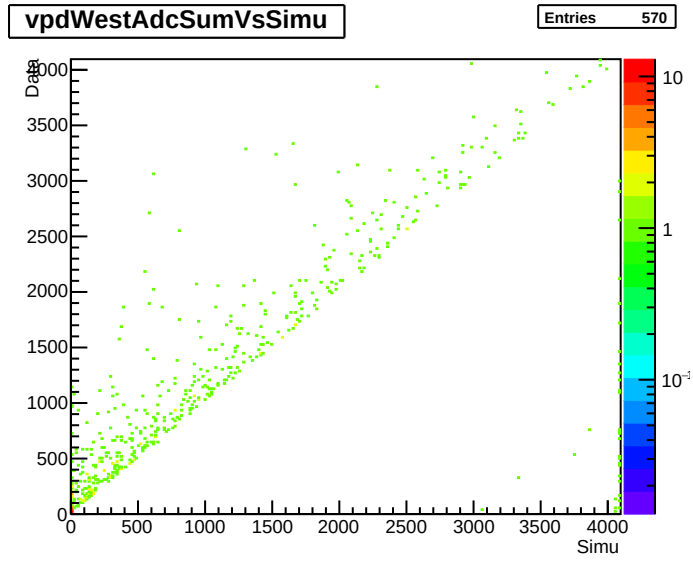

vpdEastNHits
Entries 1395

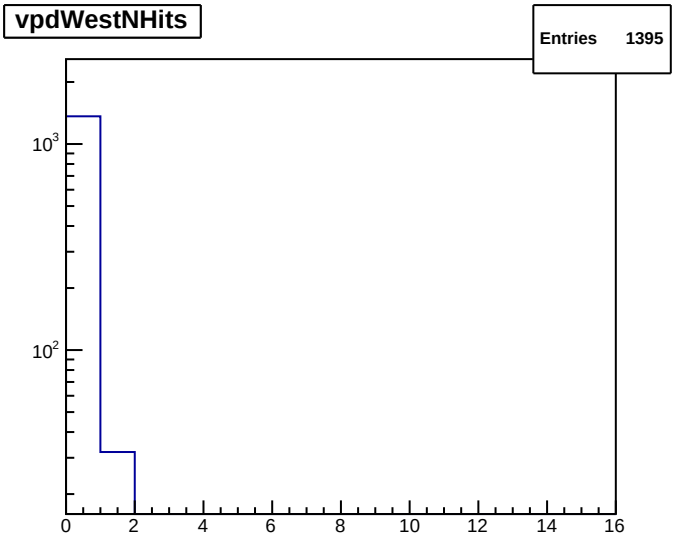

vpdEastNHitsVsSimu
Entries 47

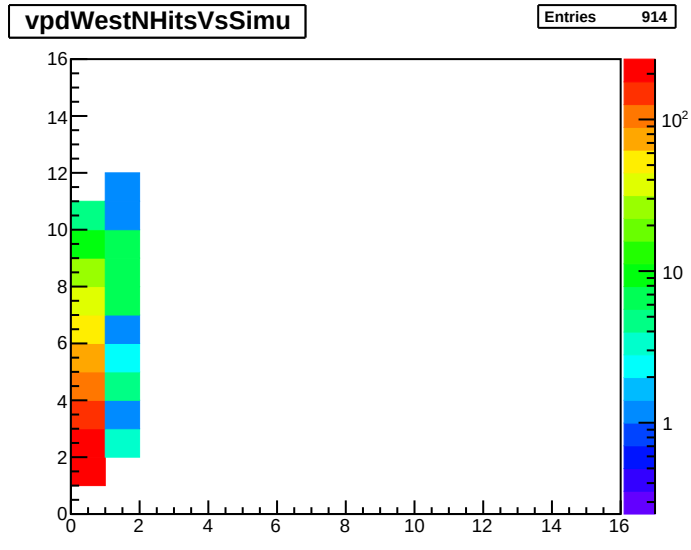

vpdEastTacSum
Entries 1395

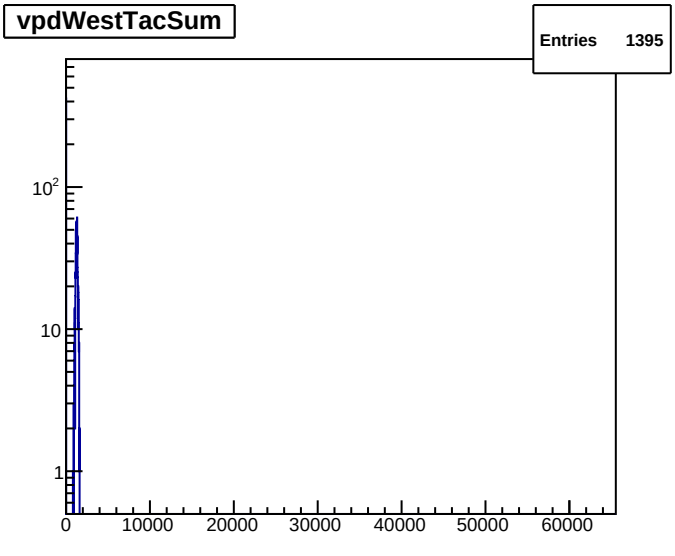

vpdEastTacSumVsSimu
Entries 980
Data
Simu

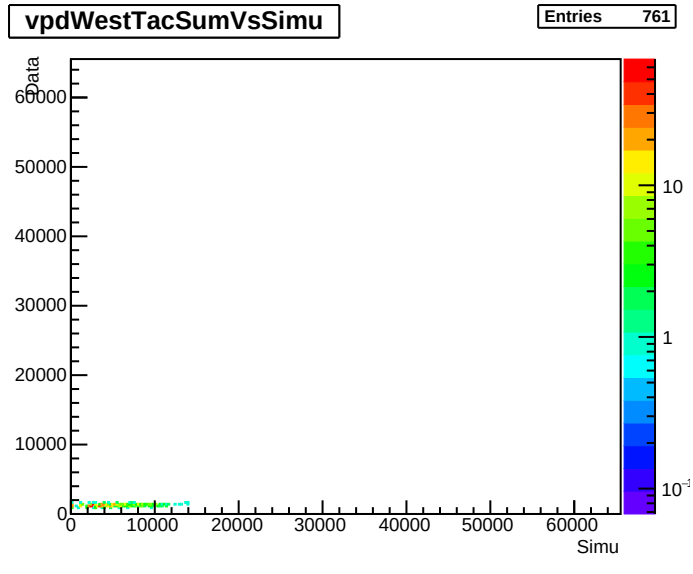

vpdWestAdcSum
Entries 1395

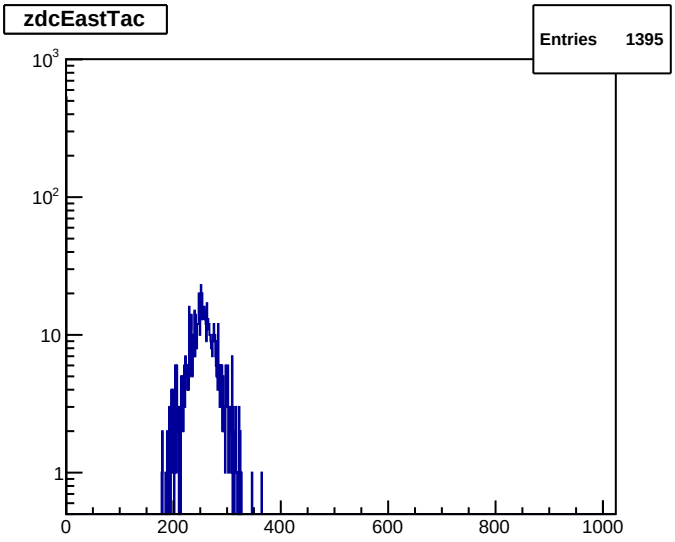

vpdWestAdcSumVsSimu
Entries 570
Data
Simu

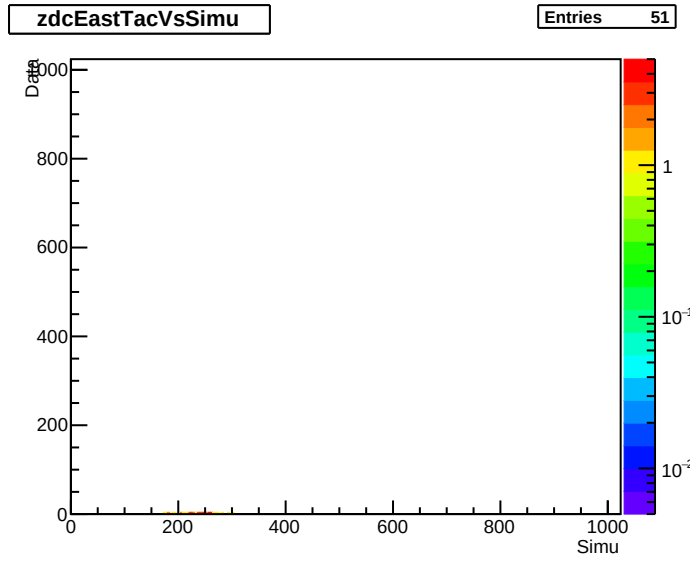

vpdWestNHits
Entries 1395

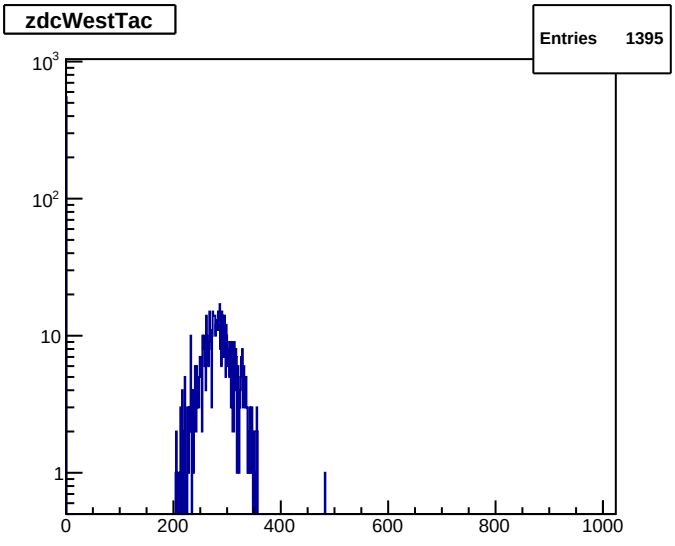

vpdWestNHitsVsSimu
Entries 914

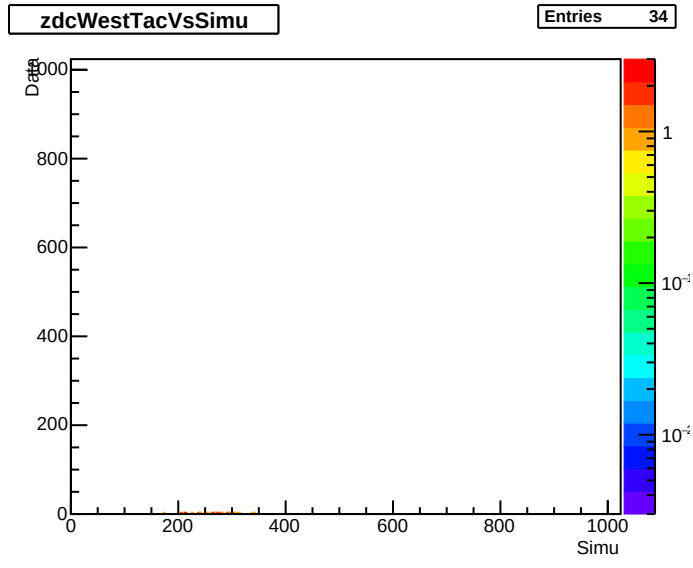

vpdWestTacSum
Entries 1395

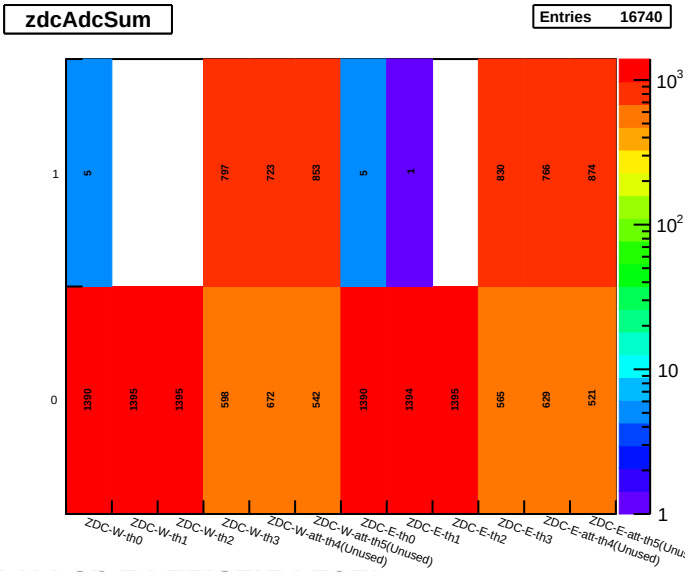

vpdWestTacSumVsSimu
Entries 761
Data
Simu

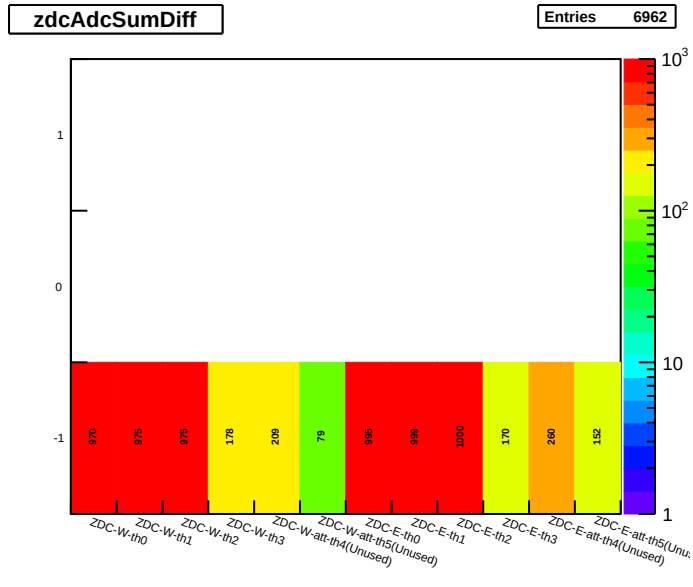

zdcEastTac
Entries 1395

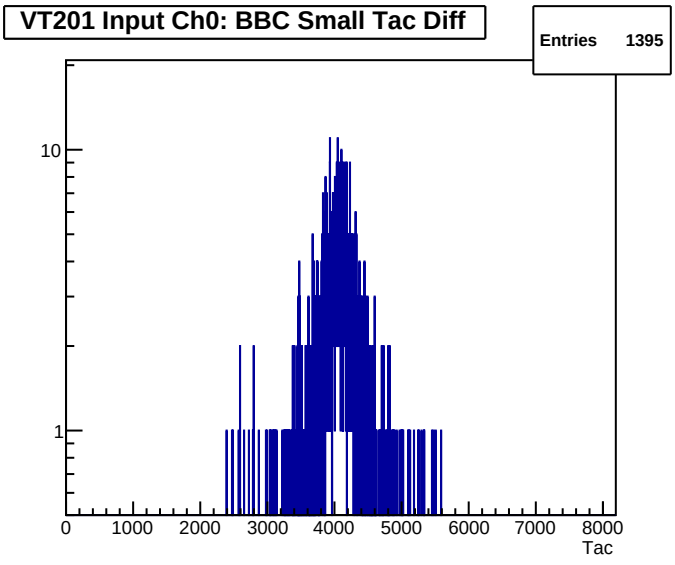

zdcEastTacVsSimu
Entries 51
Data
Simu

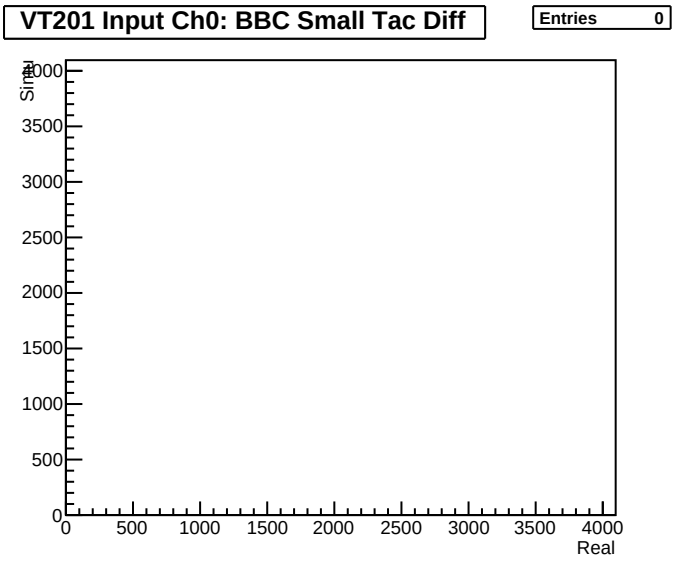

zdcWestTac
Entries 1395

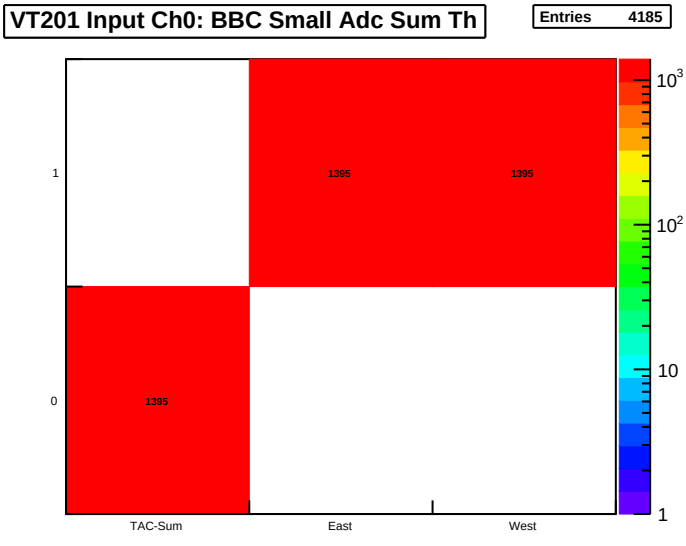

zdcWestTacVsSimu
Entries 34
Data
Simu

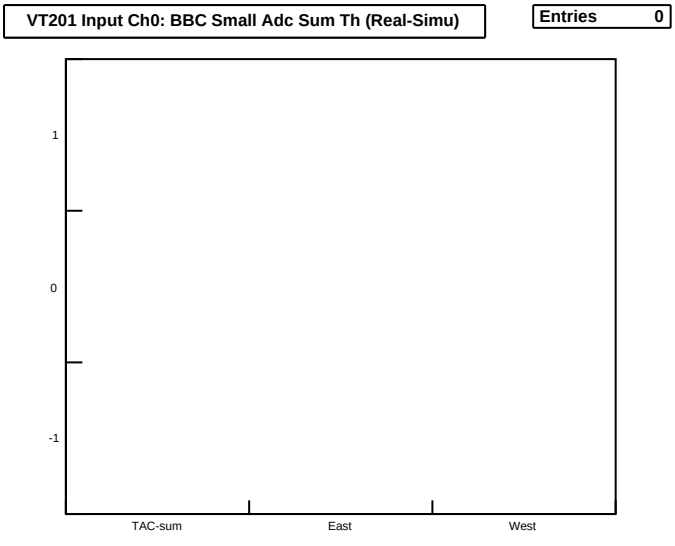

zdcAdcSum
Entries 16740
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

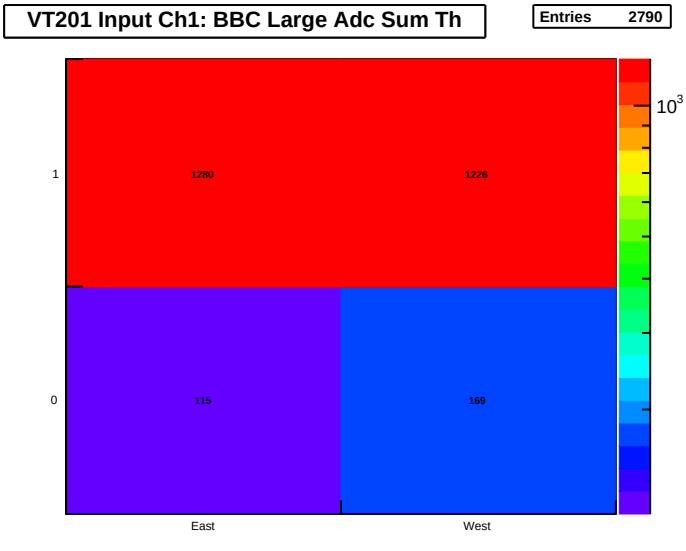

zdcAdcSumDiff
Entries 6962
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

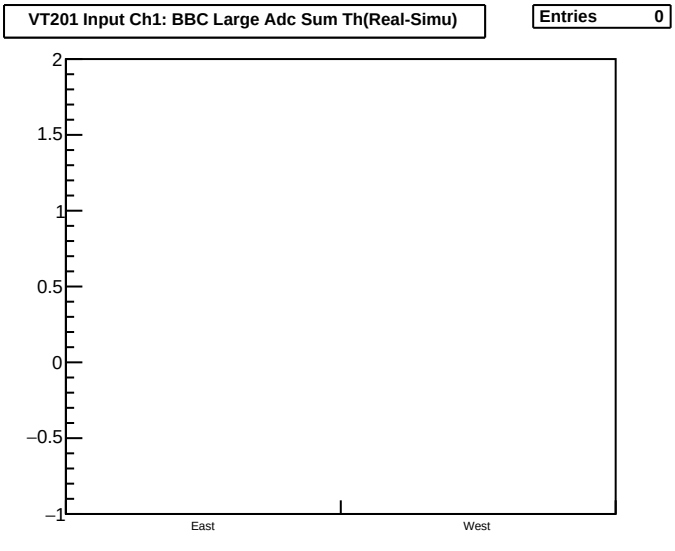

VT201 Input Ch0: BBC Small Tac Diff
Entries 1395
Tac


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

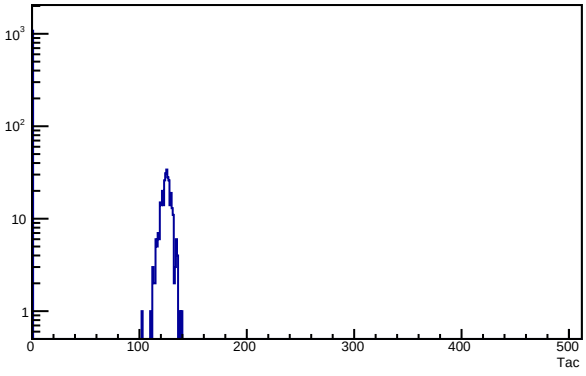

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 4185
1395
1395
1395
TAC-Sum
East
West


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

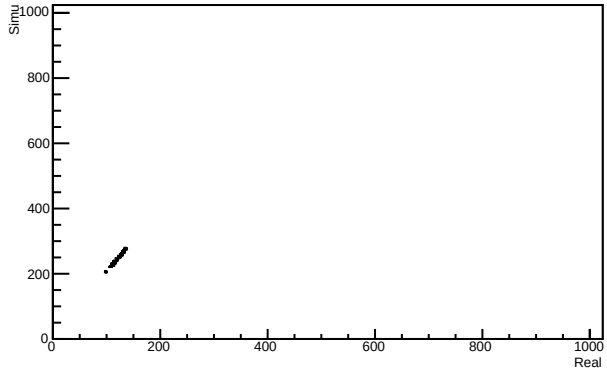

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 2790
1280
1226
115
169
East
West


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

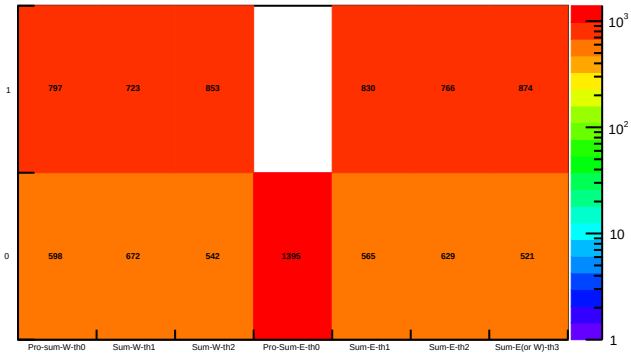
VT201 Input Ch2: ZDC Tac Diff



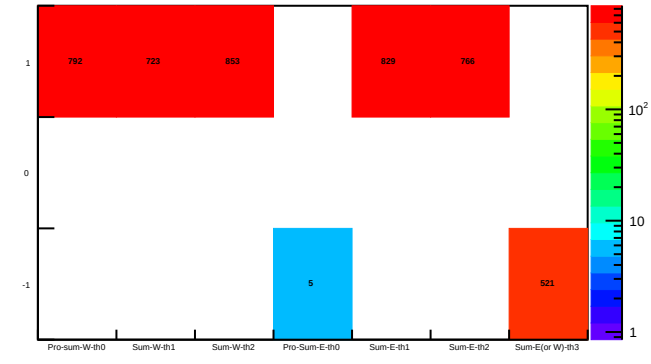
VT201 Input Ch2: ZDC Tac Diff



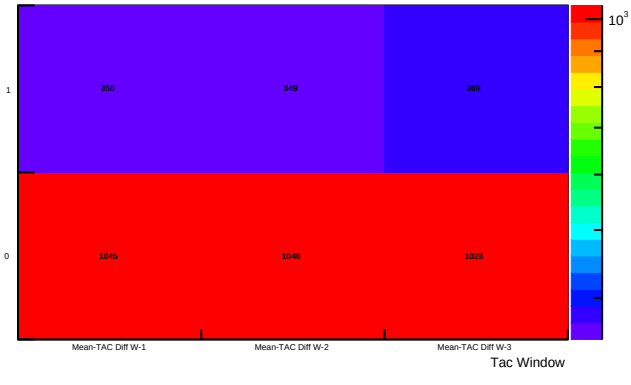
VT201 Input Ch2: ZDC Adc Sum Th



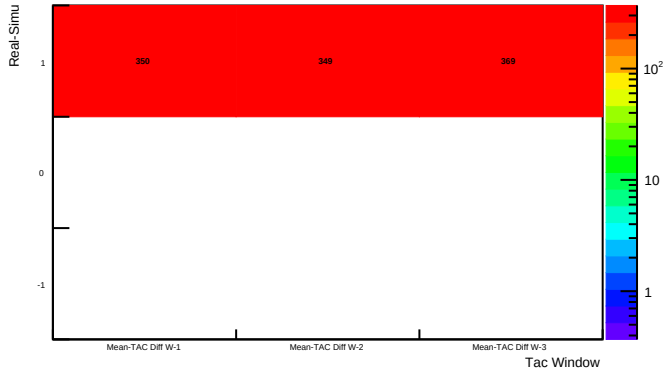
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



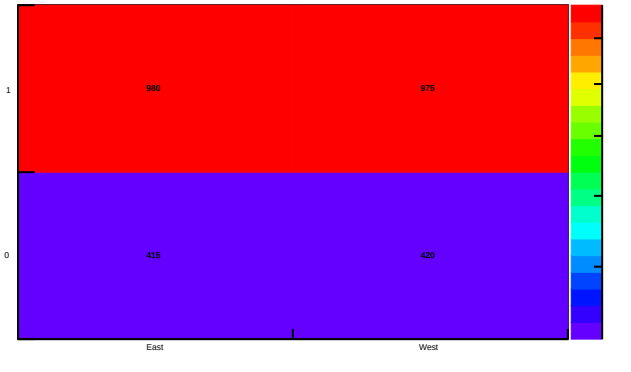
VT201 Input Ch4: VPD Tac Diff



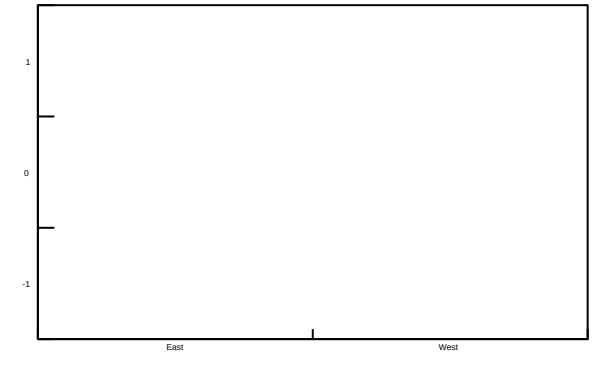
VT201 Input Ch4: VPD Tac Diff

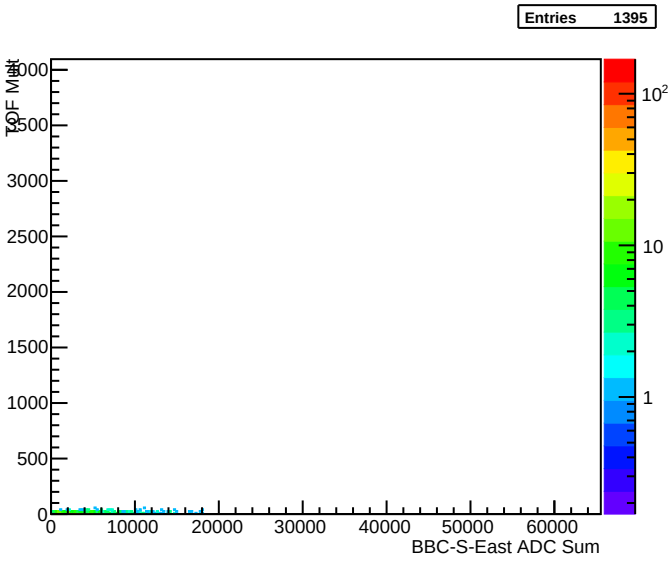


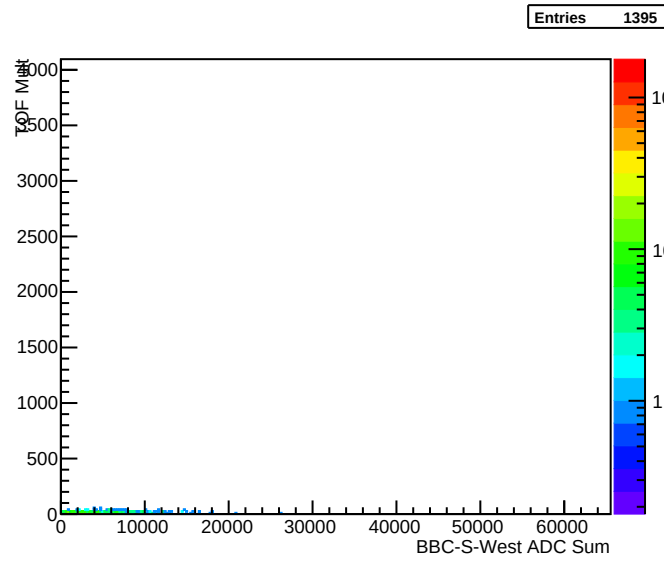
VT201 Input Ch4: VPD Adc Sum Th

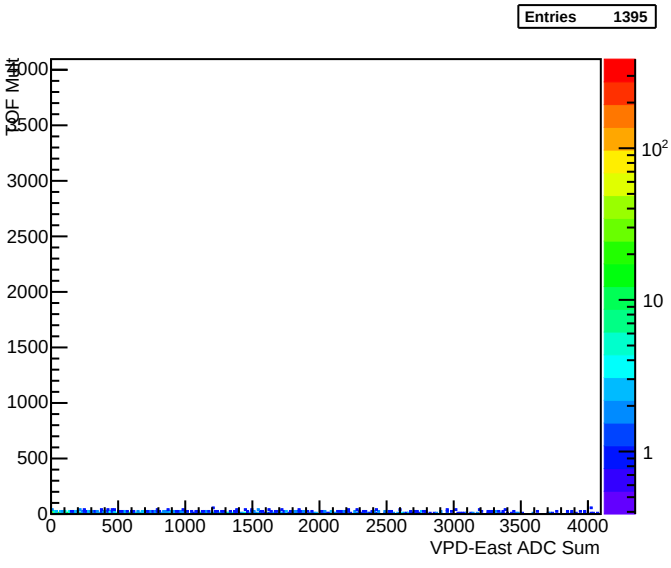


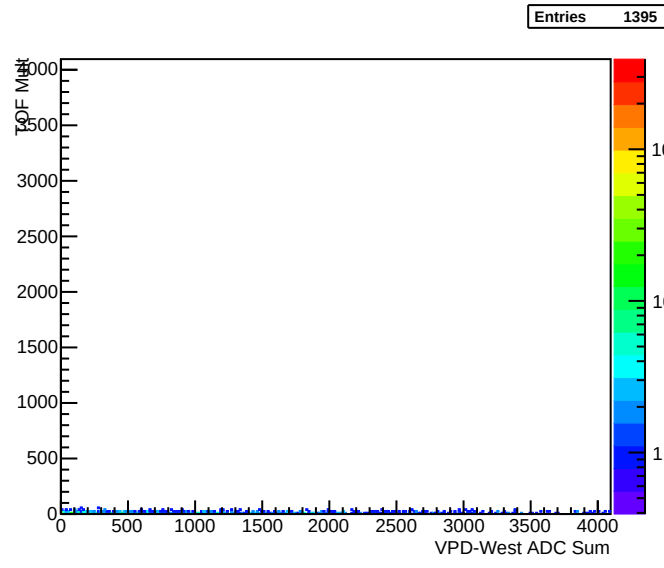
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

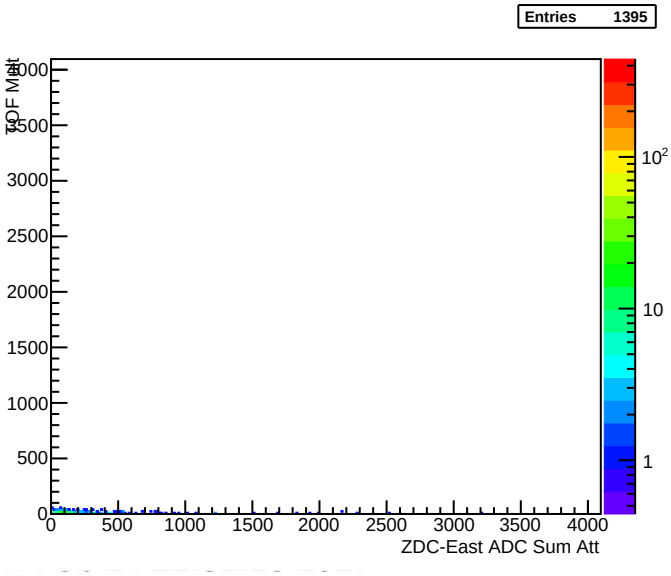


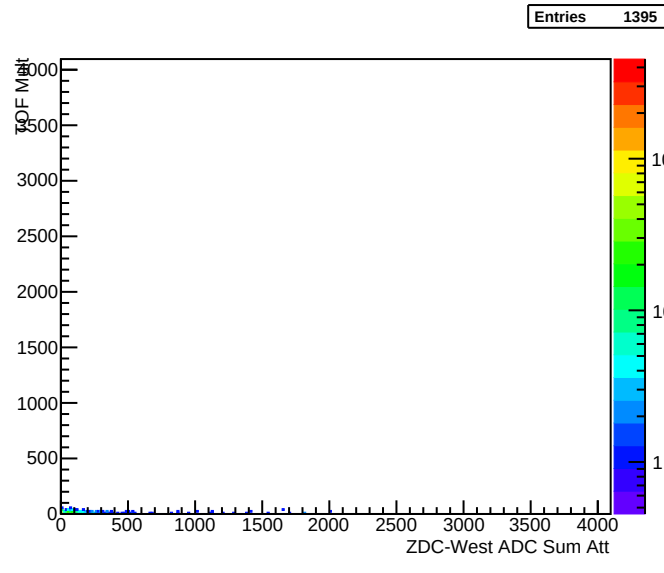

Entries 1395
TOF Mult
BBC-S-East ADC Sum

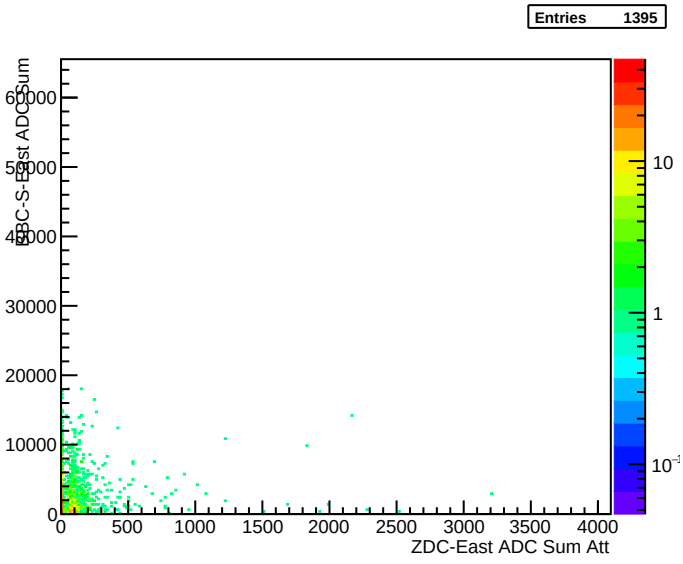

Entries 1395
TOF Mult
BBC-S-West ADC Sum

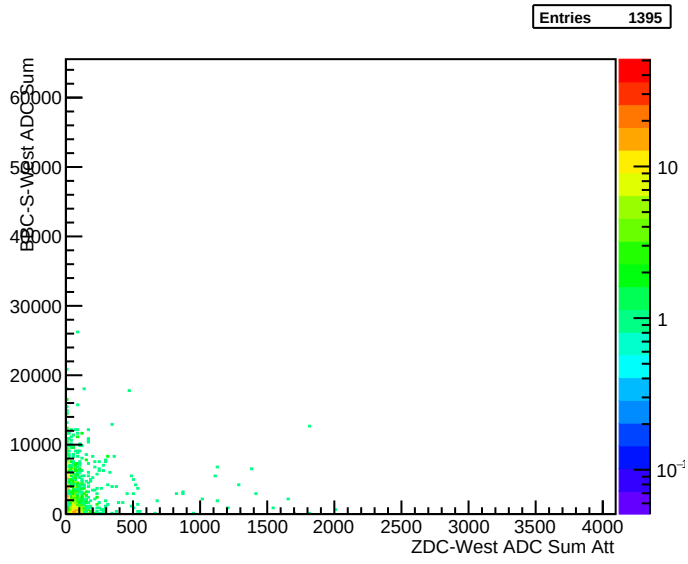

Entries 1395
TOF Mult
VPD-East ADC Sum

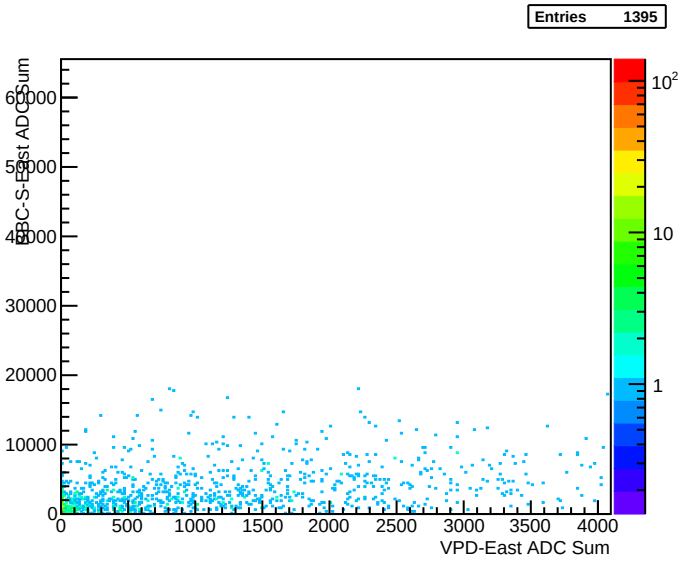

Entries 1395
TOF Mult
VPD-West ADC Sum

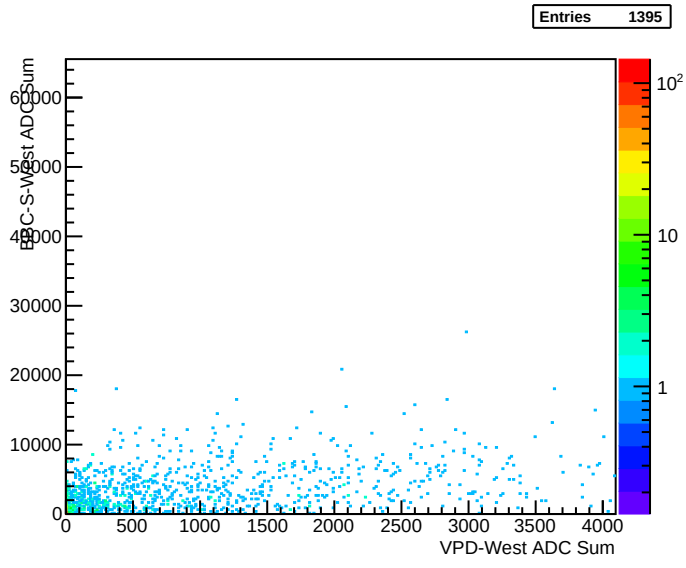

Entries 1395
TOF Mult
ZDC-East ADC Sum Att

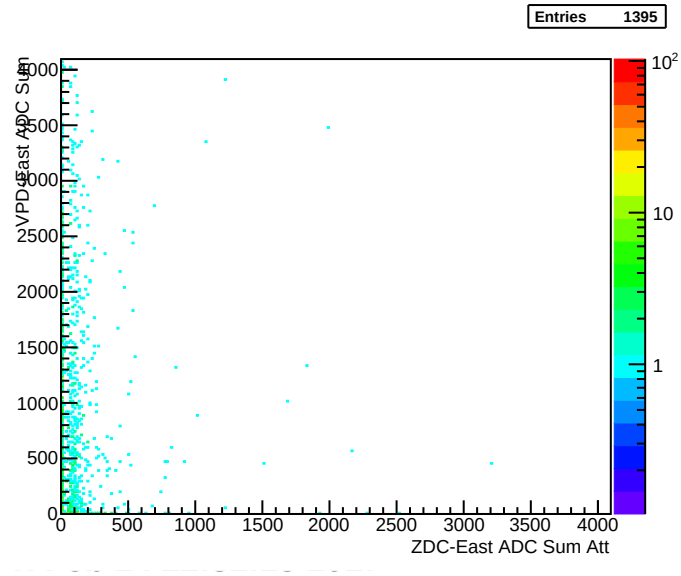

Entries 1395
TOF Mult
ZDC-West ADC Sum Att

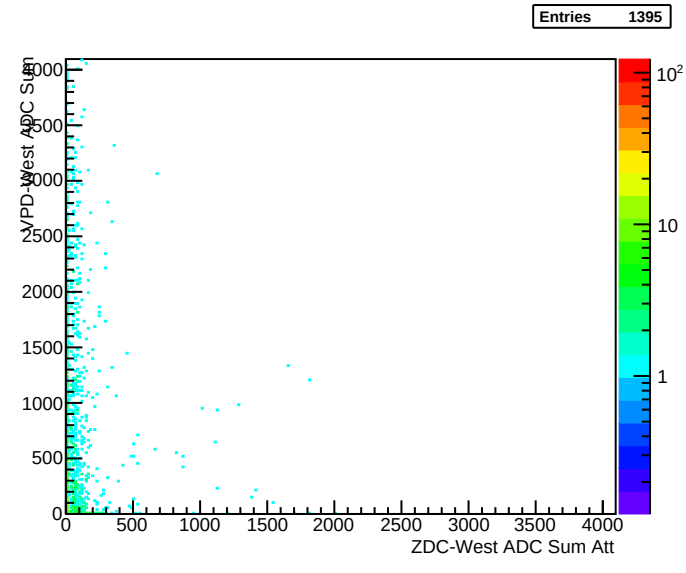

Entries 1395
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

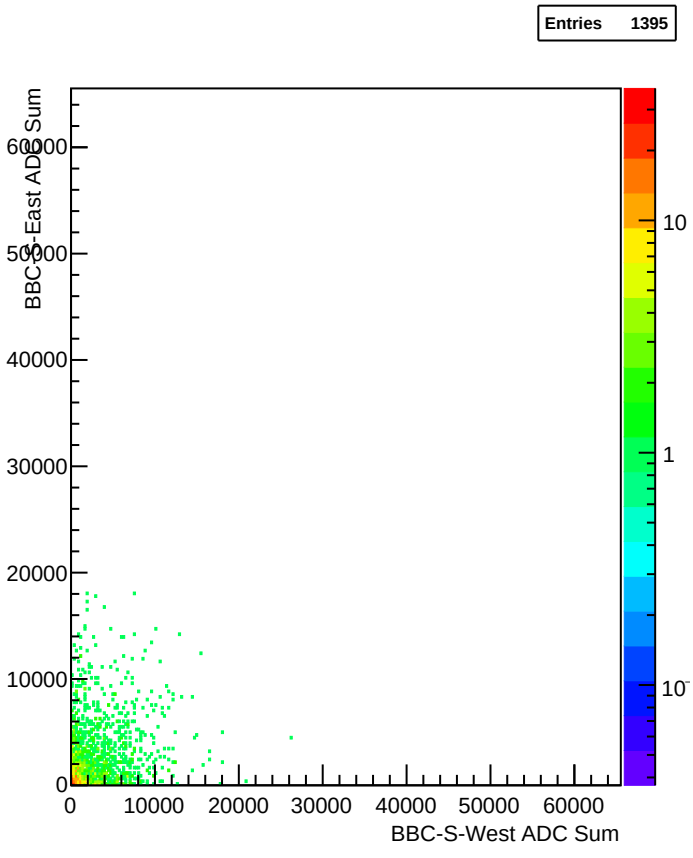

Entries 1395
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

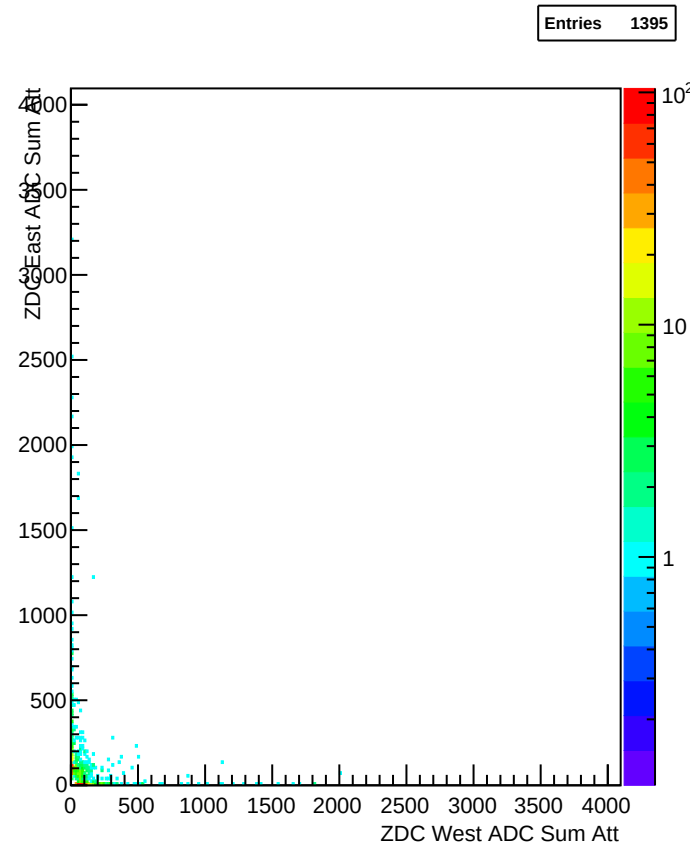

Entries 1395
BBC-S-East ADC Sum
VPD-East ADC Sum

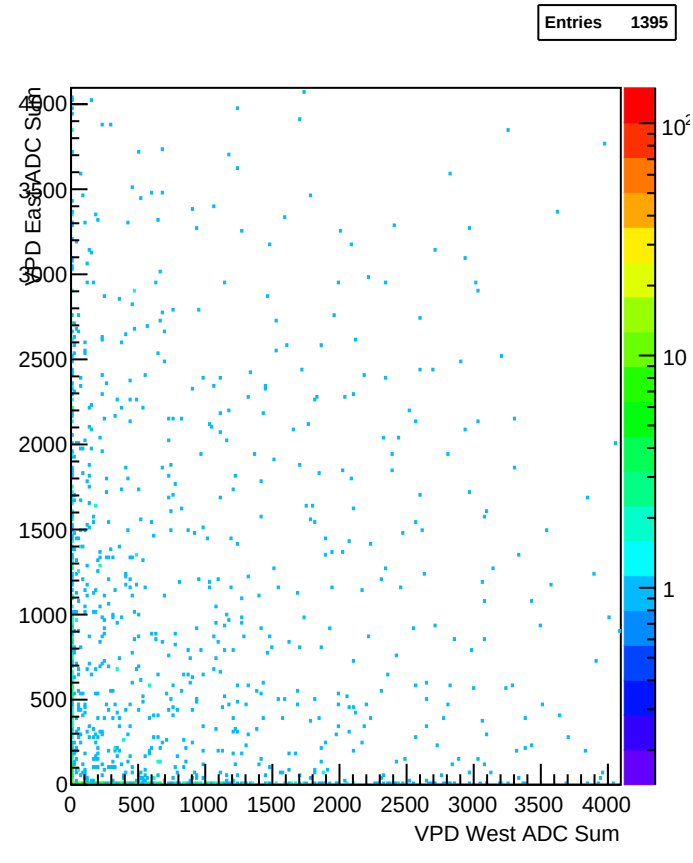

Entries 1395
BBC-S-West ADC Sum
VPD-West ADC Sum

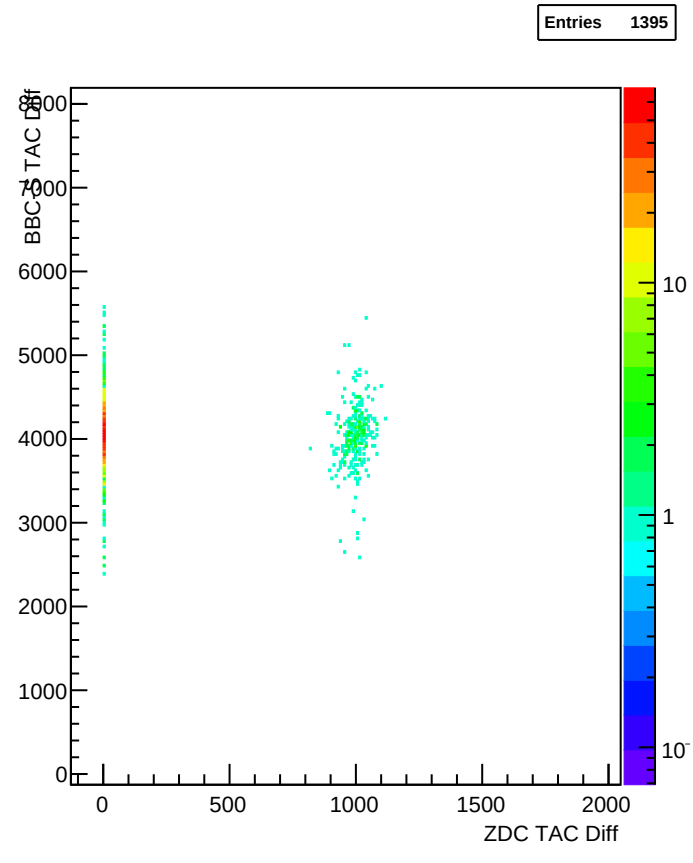

Entries 1395
VPD-East ADC Sum
ZDC-East ADC Sum Att

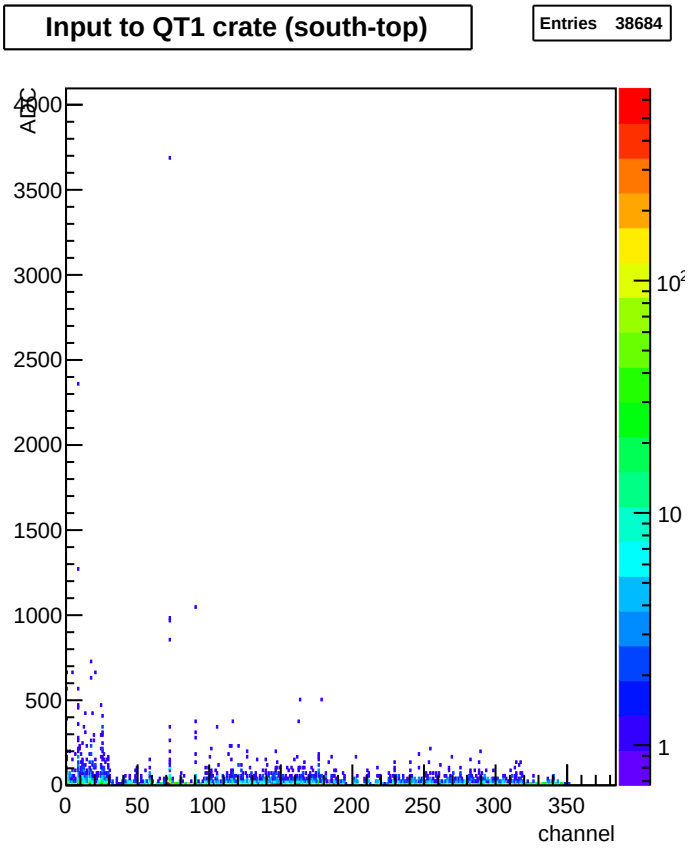

Entries 1395
VPD-West ADC Sum
ZDC-West ADC Sum Att

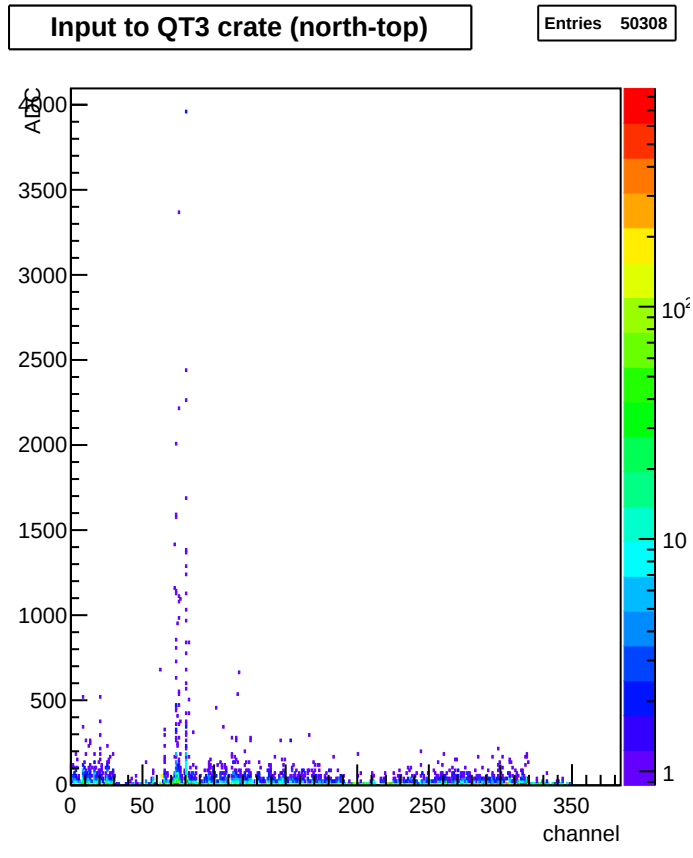

Entries 1395
BBC-S-East ADC Sum
BBC-S-West ADC Sum

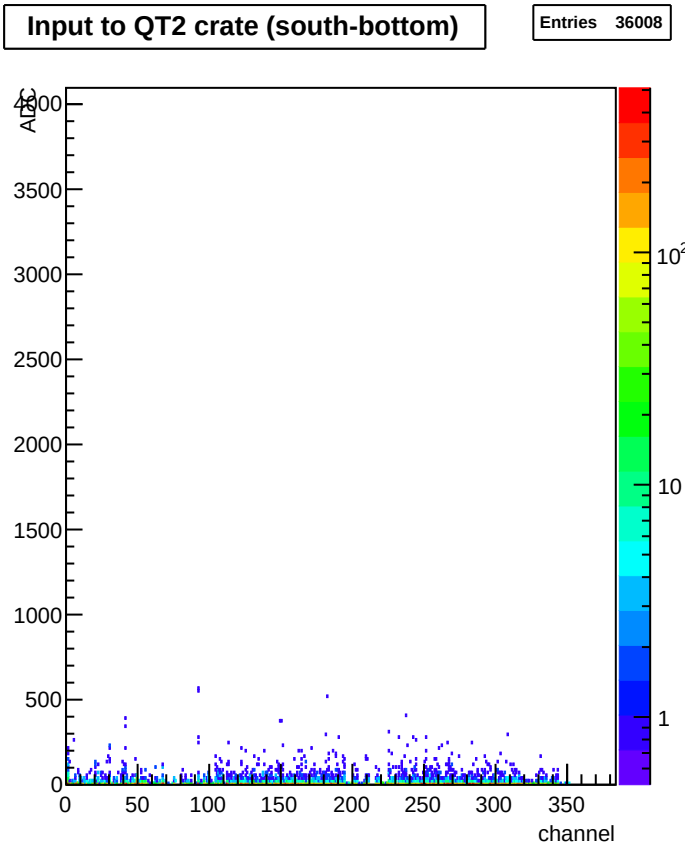

Entries 1395
ZDC East ADC Sum Att
ZDC West ADC Sum Att

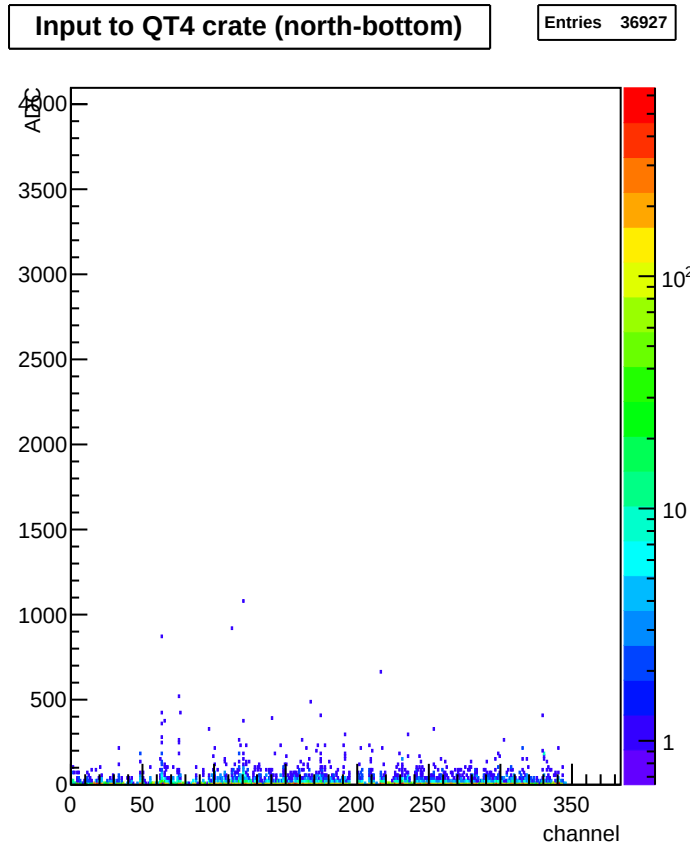

Entries 1395
VPD East ADC Sum
VPD West ADC Sum

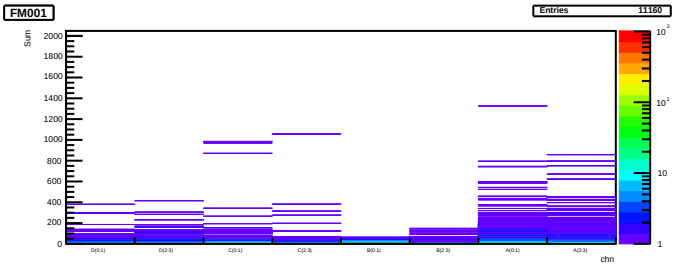

Entries 1395
BBC-S TAC Diff
ZDC TAC Diff

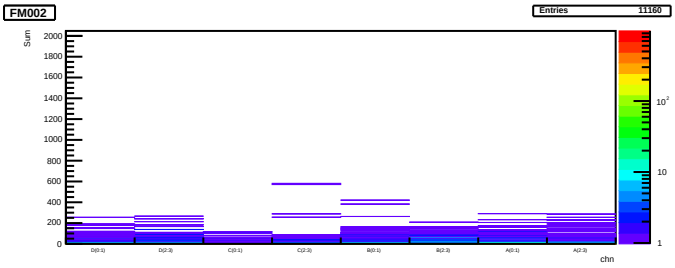

Input to QT1 crate (south-top)
Entries 38684
ADC
channel

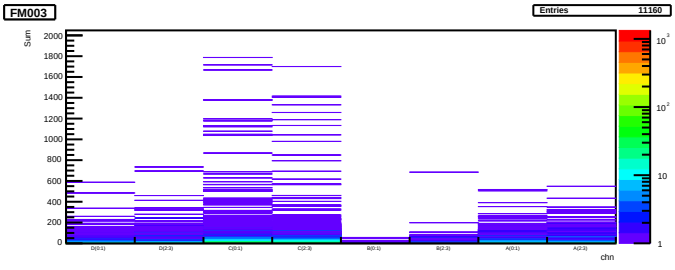

Input to QT3 crate (north-top)
Entries 50308
ADC
channel

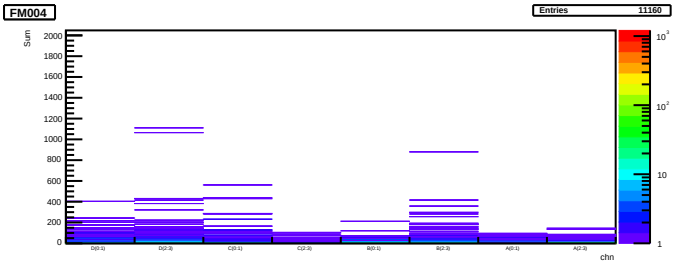

Input to QT2 crate (south-bottom)
Entries 36008
ADC
channel

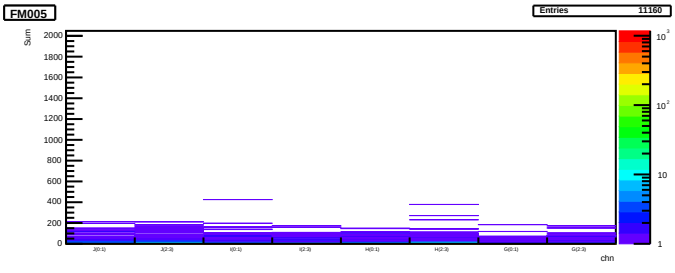

Input to QT4 crate (north-bottom)
Entries 36927
ADC
channel

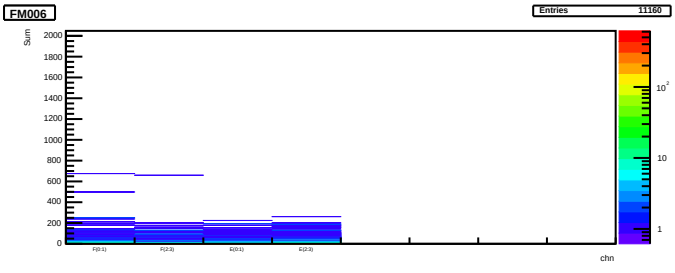

FM001
Entries 11160
Sum
chn

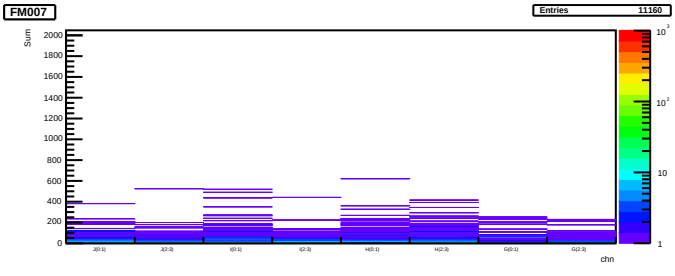

FM002
Entries 11160
Sum
chn

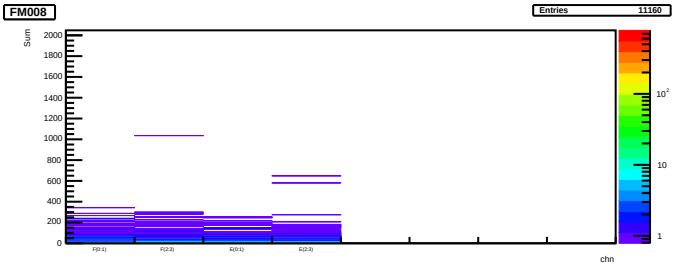

FM003
Entries 11160
Sum
chn

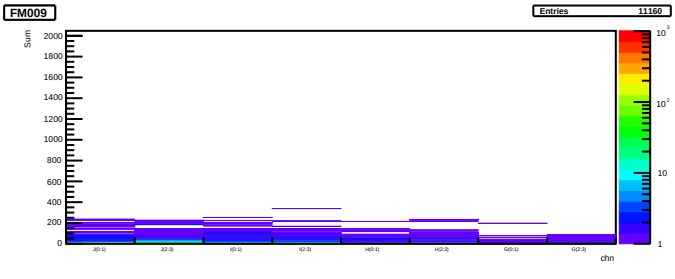

FM004
Entries 11160
Sum
chn

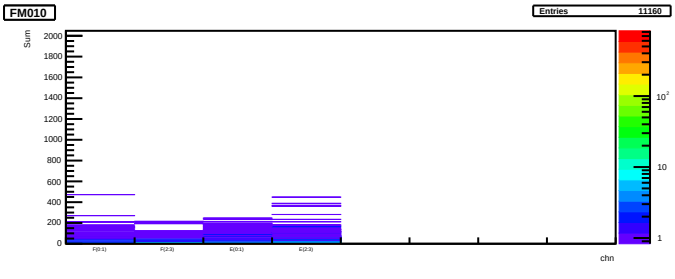

FM005
Entries 11160
Sum
chn

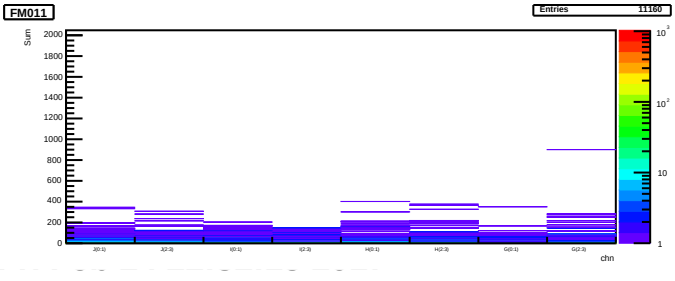

FM006
Entries 11160
Sum
chn

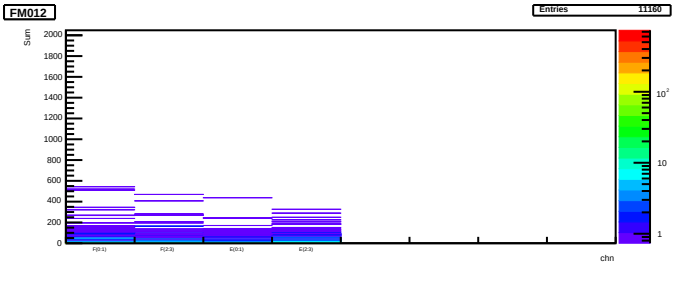

FM007
Entries 11160
Sum
chn

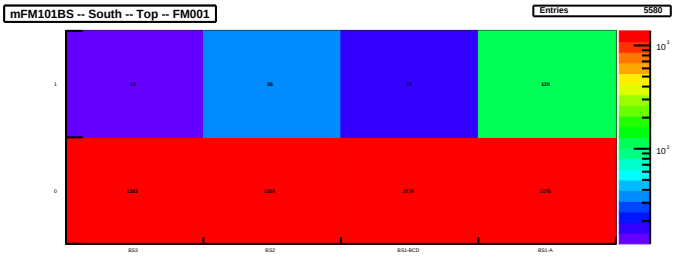

FM008
Entries 11160
Sum
chn

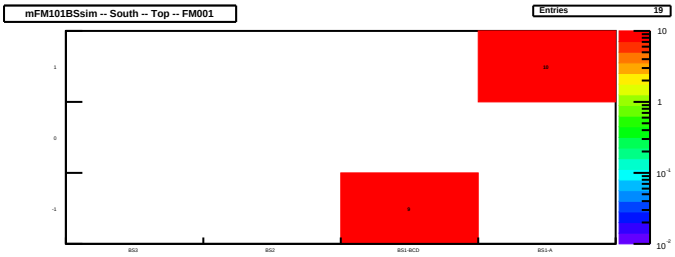

FM009
Entries 11160
Sum
chn

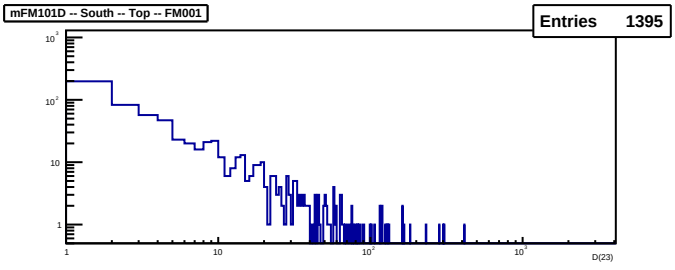

FM010
Entries 11160
Sum
chn

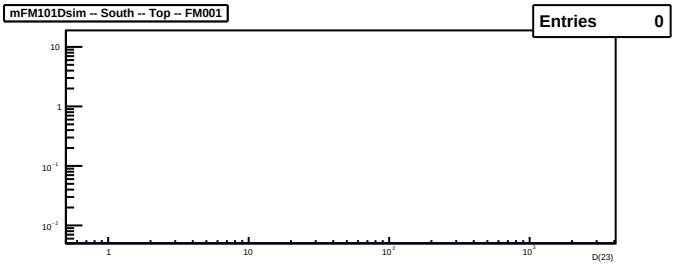

FM011
Entries 11160
Sum
chn

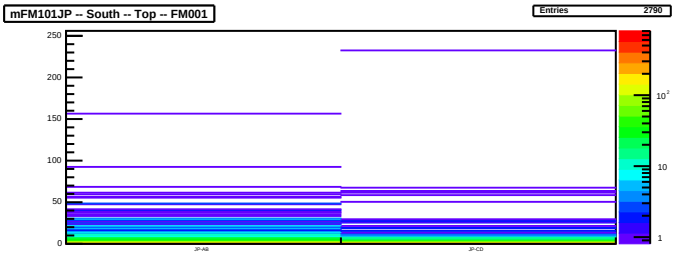

FM012
Entries 11160
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 5580

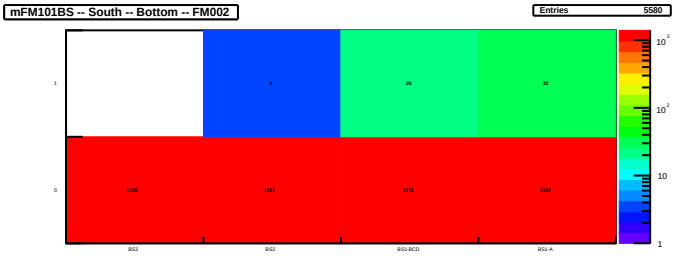

mFM101BSsim -- South -- Top -- FM001
Entries 19

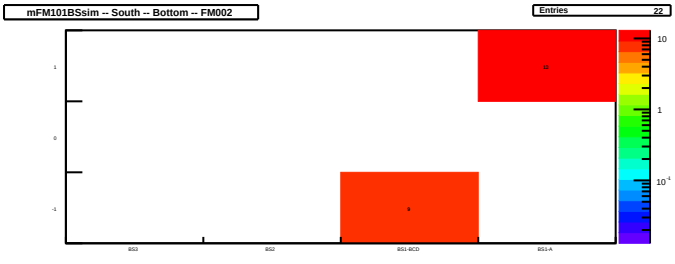

mFM101D -- South -- Top -- FM001
Entries 1395
D(23)

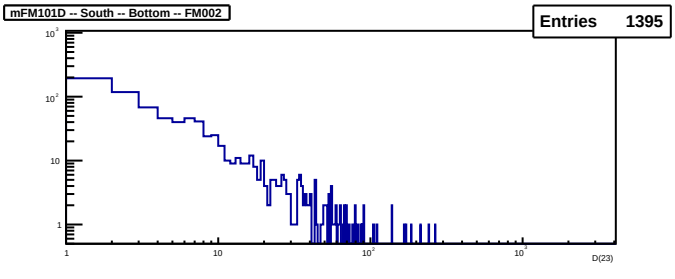

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

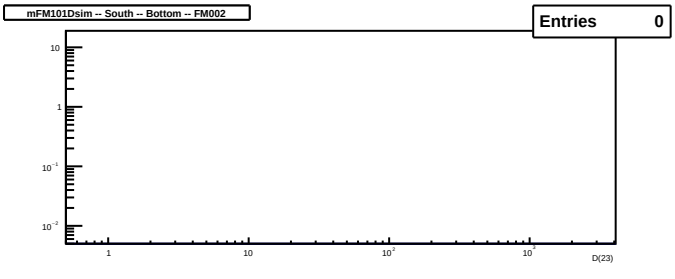

mFM101JP -- South -- Top -- FM001
Entries 2790

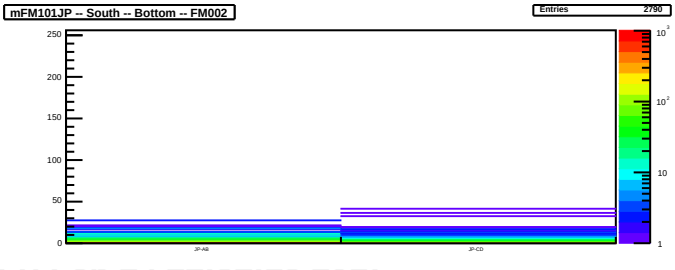
mFM101JPsim -- South -- Top -- FM001
Entries 0

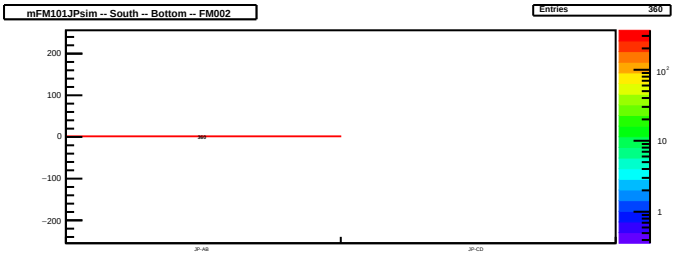

mFM101BS -- South -- Bottom -- FM002
Entries 5580

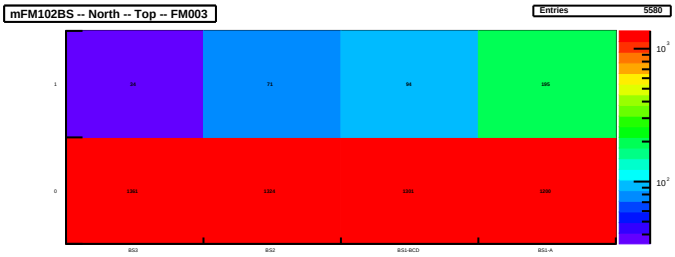

mFM101BSsim -- South -- Bottom -- FM002
Entries 22

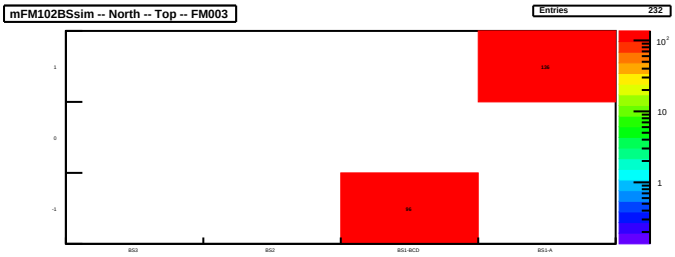

mFM101D -- South -- Bottom -- FM002
Entries 1395
D(23)

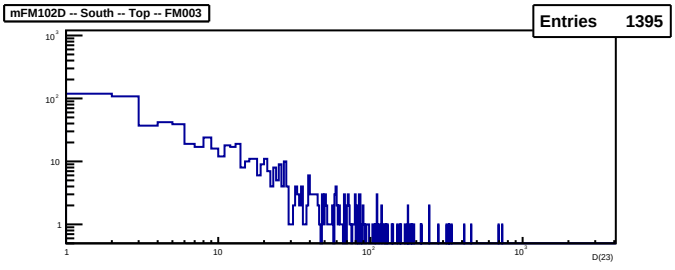

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

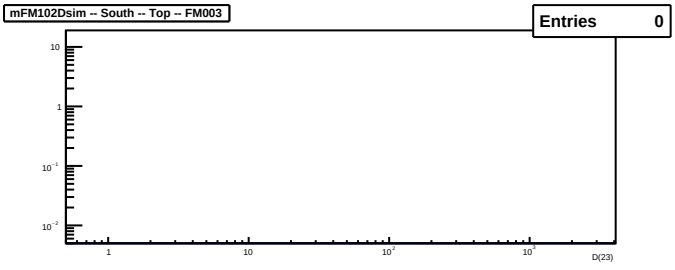

mFM101JP -- South -- Bottom -- FM002
Entries 2790

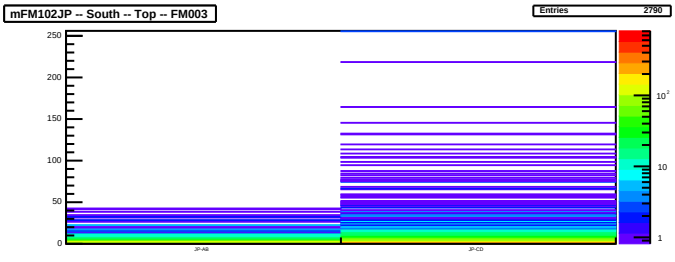

mFM101JPsim -- South -- Bottom -- FM002
Entries 360


mFM102BS -- North -- Top -- FM003
Entries 5580
54
71
94
195
1361
1324
1291
1200
BS3
BS2
BS1-BCD
BS1-A

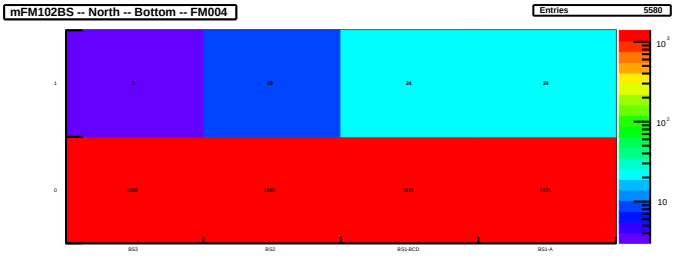

mFM102BSsim -- North -- Top -- FM003
Entries 232
126
94
BS3
BS2
BS1-BCD
BS1-A

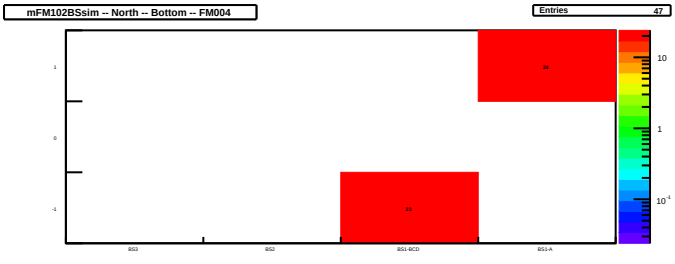

mFM102D -- South -- Top -- FM003
Entries 1395
D(23)

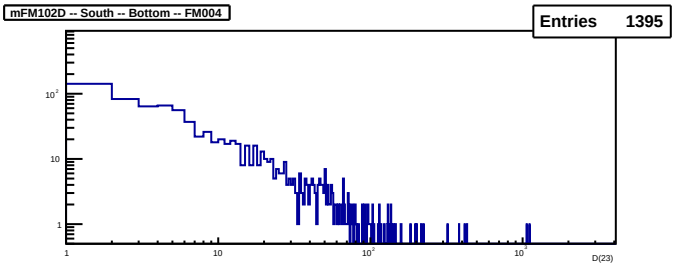

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

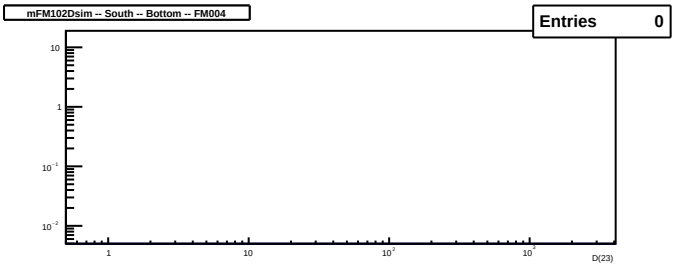

mFM102JP -- South -- Top -- FM003
Entries 2790
JP-AB
JP-CD

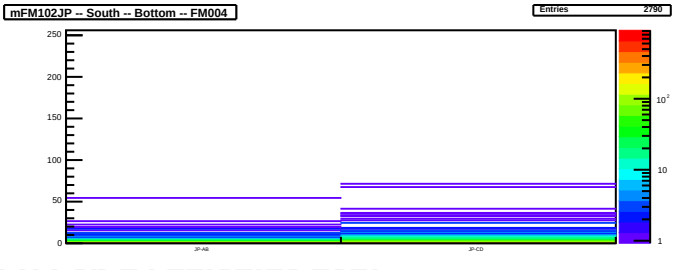
mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD

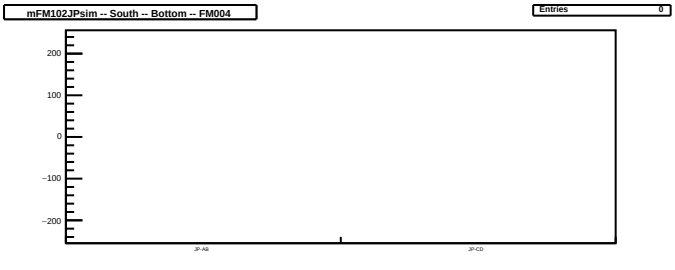

mFM102BS -- North -- Bottom -- FM004
Entries 5580
1
10
24
24
1392
1361
1371
1371
BS3
BS2
BS1-BCD
BS1-A

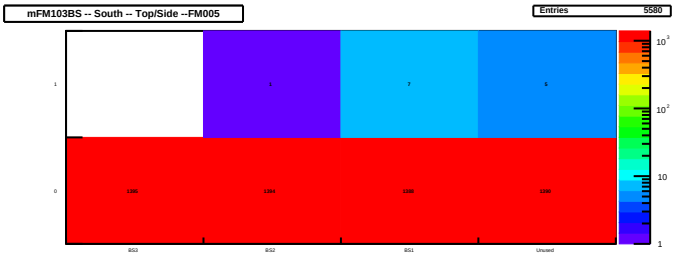

mFM102BSsim -- North -- Bottom -- FM004
Entries 47
24
23
BS3
BS2
BS1-BCD
BS1-A

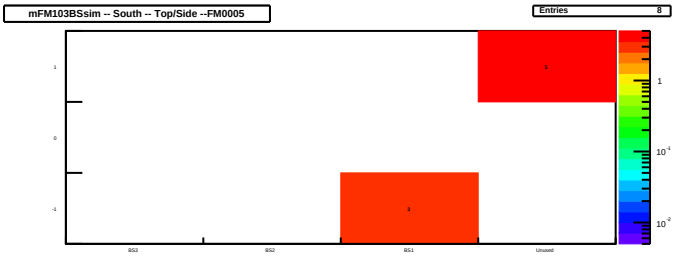

mFM102D -- South -- Bottom -- FM004
Entries 1395
D(23)

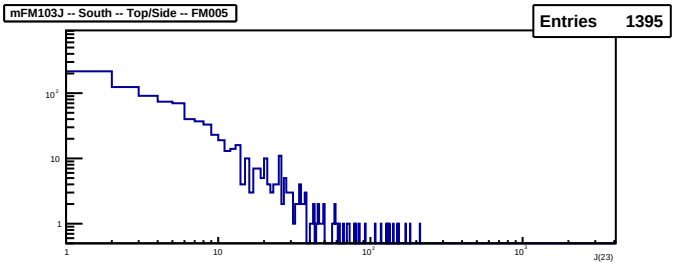

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

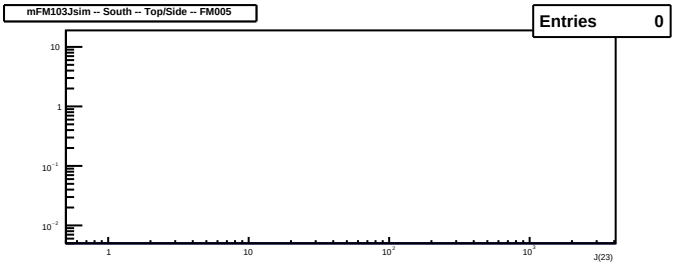

mFM102JP -- South -- Bottom -- FM004
Entries 2790
JP-AB
JP-CD

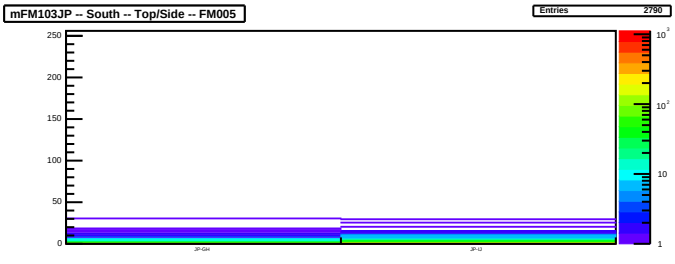

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

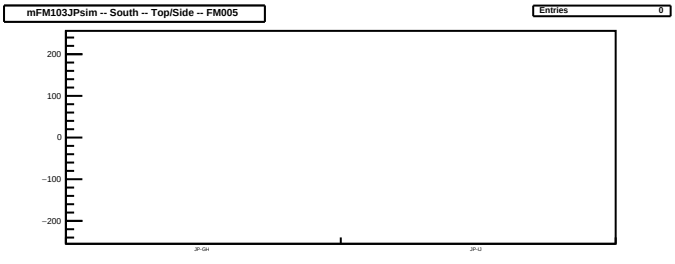

mFM103BS -- South -- Top/Side --FM005
Entries 5580
BS3
BS2
BS1
Unused

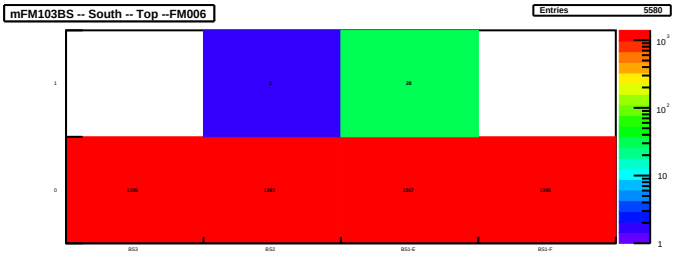

mFM103BSsim -- South -- Top/Side --FM0005
Entries 8
BS3
BS2
BS1
Unused

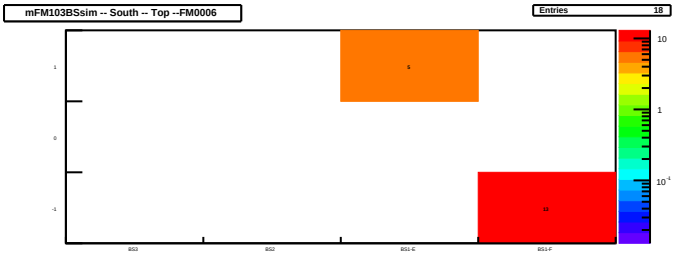

mFM103J -- South -- Top/Side -- FM005
Entries 1395
J(23)

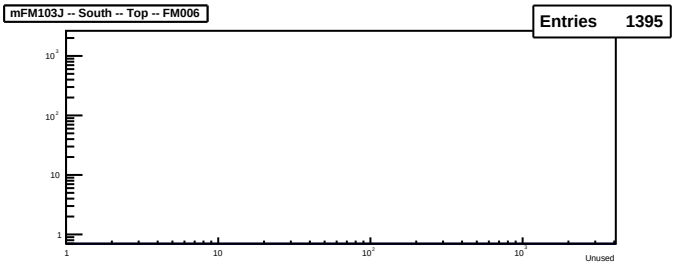

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

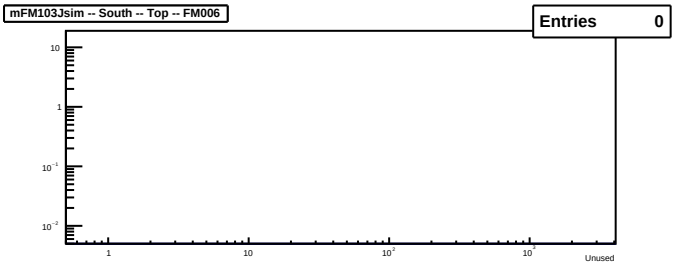

mFM103JP -- South -- Top/Side -- FM005
Entries 2790
JP-GH
JP-U

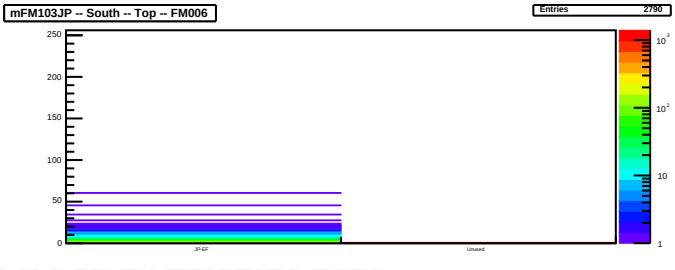

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-U

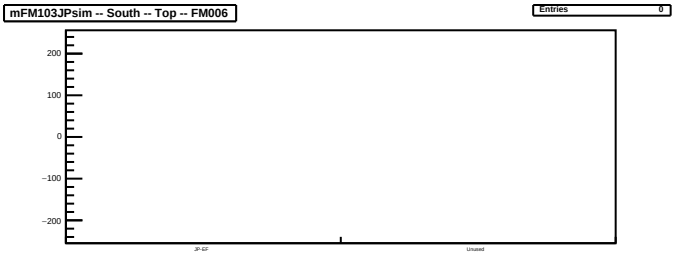

mFM103BS -- South -- Top --FM006
Entries 5580
BS3
BS2
BS1-E
BS1-F

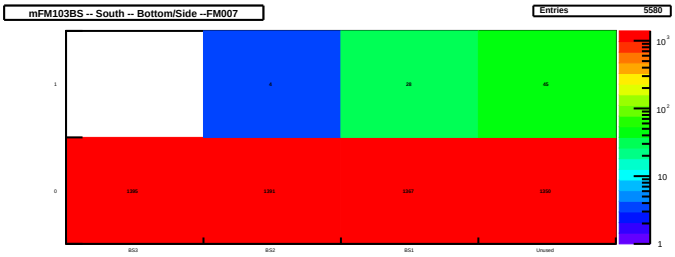

mFM103BSsim -- South -- Top --FM0006
Entries 18
BS3
BS2
BS1-E
BS1-F

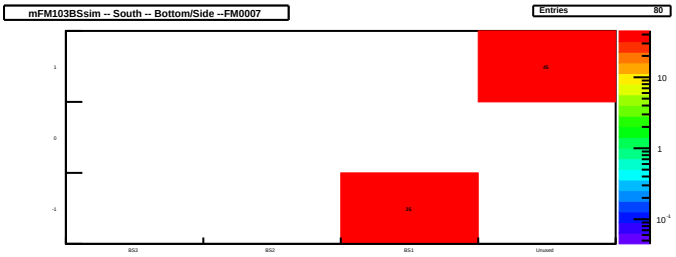

mFM103J -- South -- Top -- FM006
Entries 1395
Unused

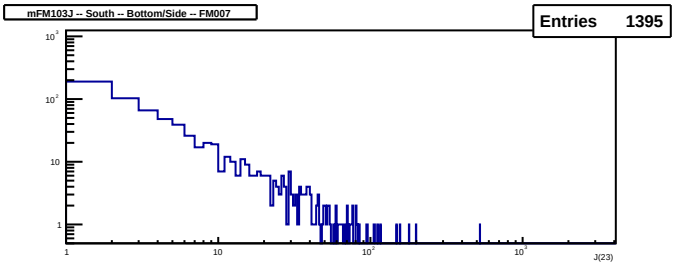

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

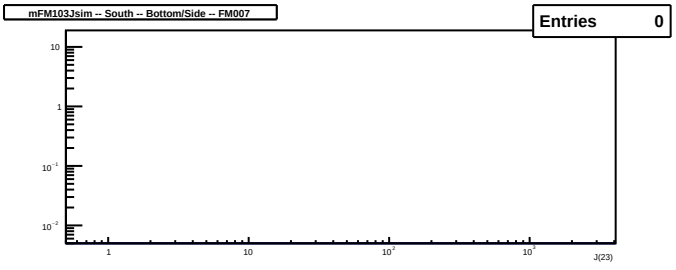

mFM103JP -- South -- Top -- FM006
Entries 2790
JP-EF
Unused

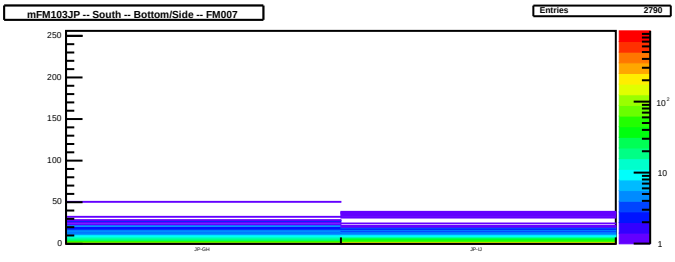

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

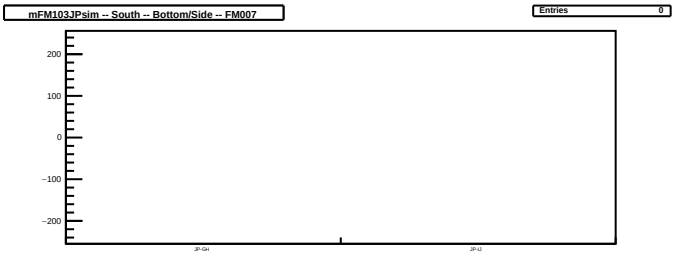

mFM103BS -- South -- Bottom/Side --FM007
Entries 5580

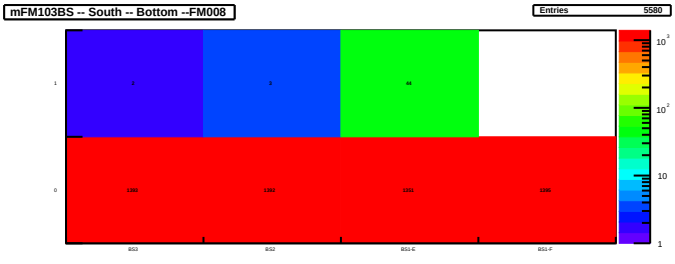

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 80

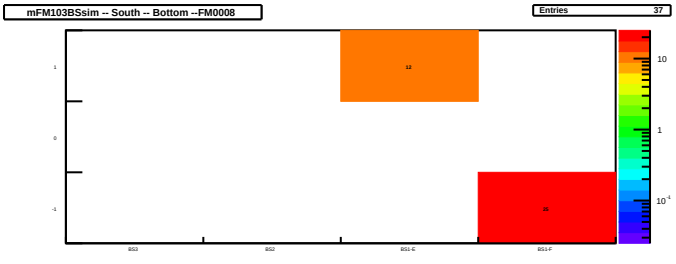

mFM103J -- South -- Bottom/Side -- FM007
Entries 1395
J(23)

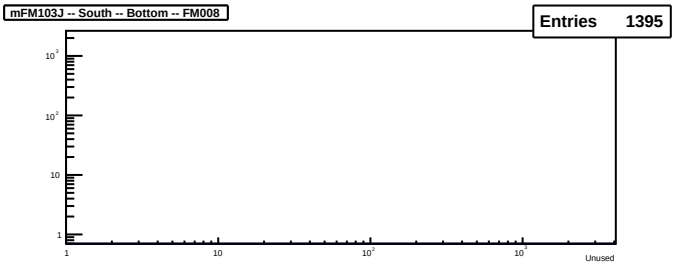

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

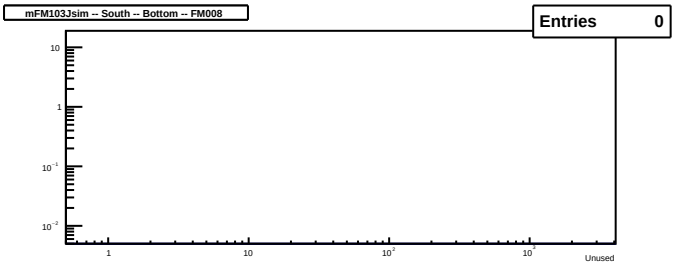

mFM103JP -- South -- Bottom/Side -- FM007
Entries 2790

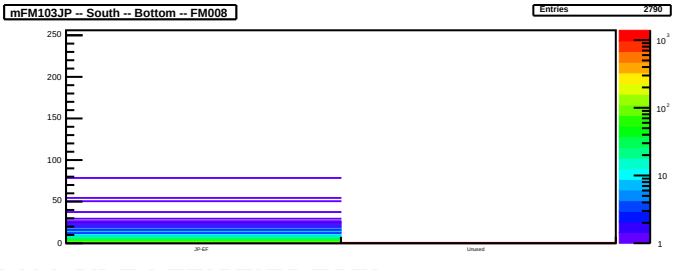

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0

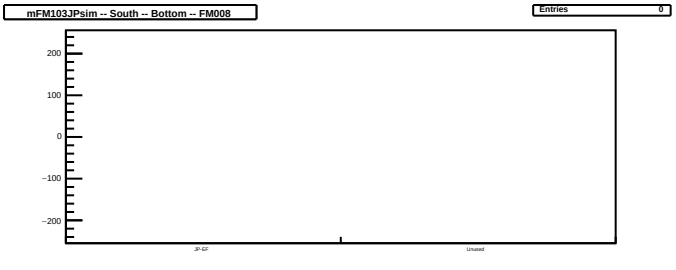

mFM103BS -- South -- Bottom --FM008
Entries 5580

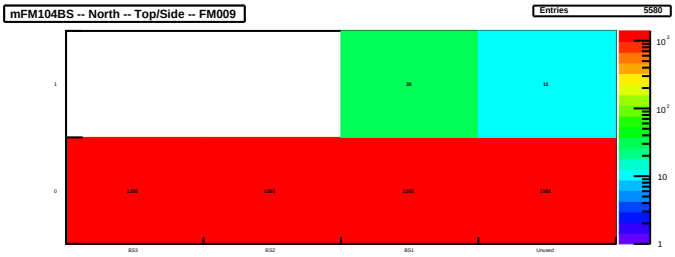

mFM103BSsim -- South -- Bottom --FM0008
Entries 37

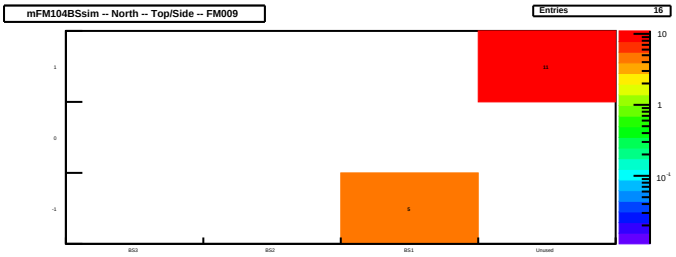

mFM103J -- South -- Bottom -- FM008
Entries 1395
Unused

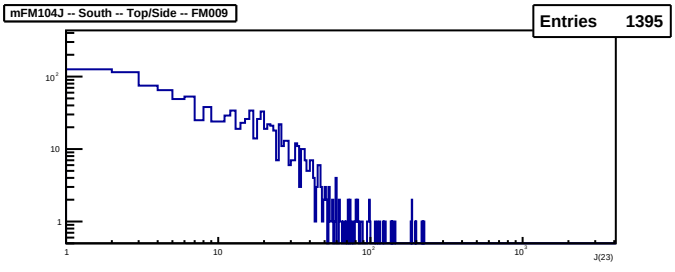

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

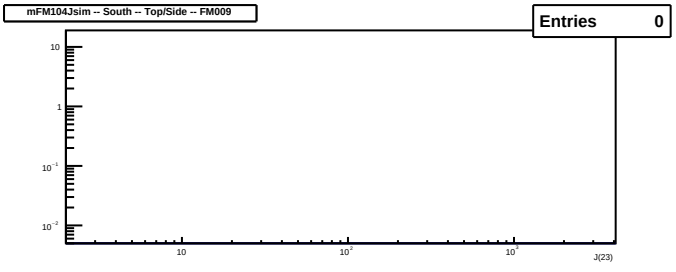

mFM103JP -- South -- Bottom -- FM008
Entries 2790

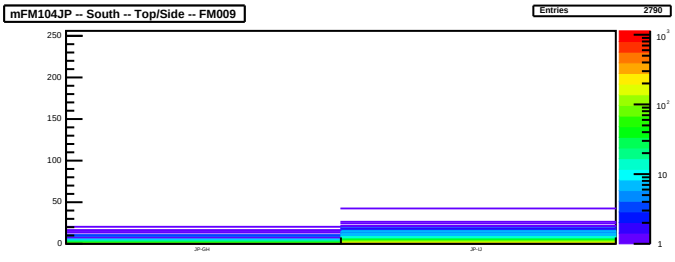

mFM103JPsim -- South -- Bottom -- FM008
Entries 0

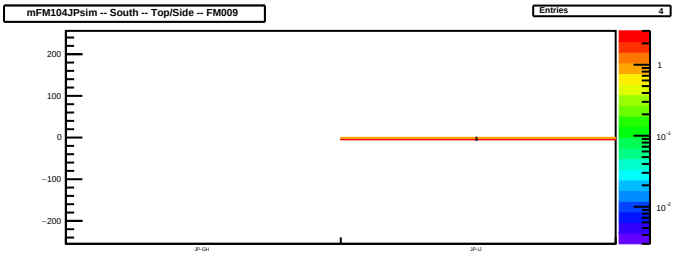

mFM104BS -- North -- Top/Side -- FM009
Entries 5580
26
11
1395
1395
1395
1394
BS3
BS2
BS1
Unused

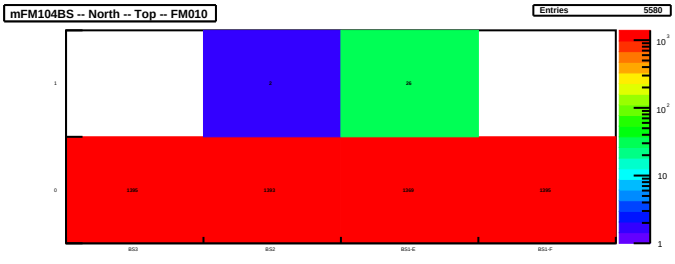

mFM104BSsim -- North -- Top/Side -- FM009
Entries 16
11
5
BS3
BS2
BS1
Unused

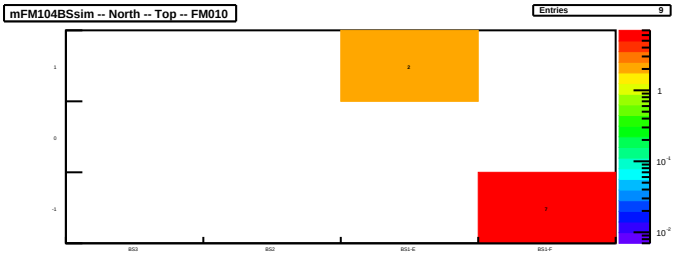

mFM104J -- South -- Top/Side -- FM009
Entries 1395
J(23)

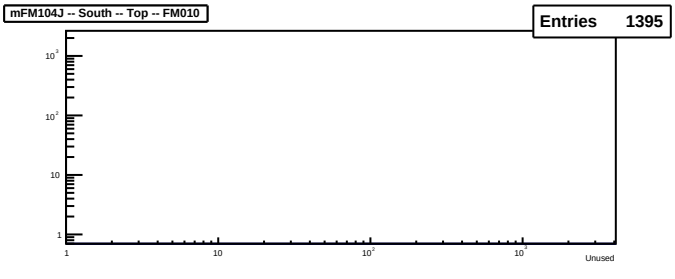

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

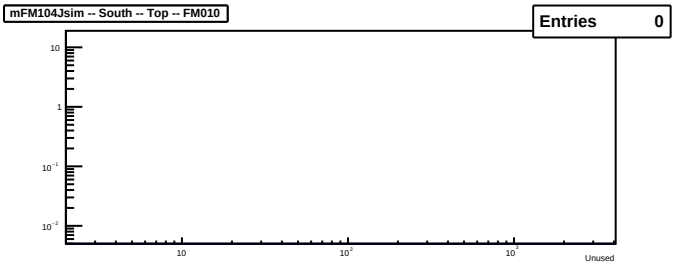

mFM104JP -- South -- Top/Side -- FM009
Entries 2790
JP-GH
JP-IJ

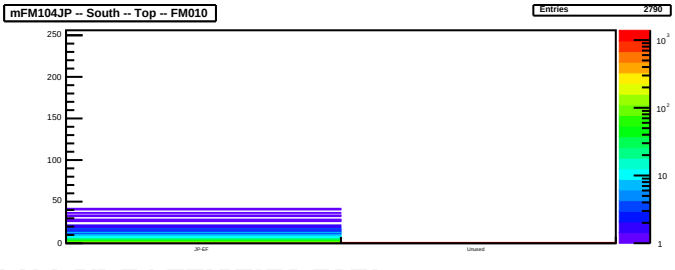

mFM104JPsim -- South -- Top/Side -- FM009
Entries 4
JP-GH
JP-IJ

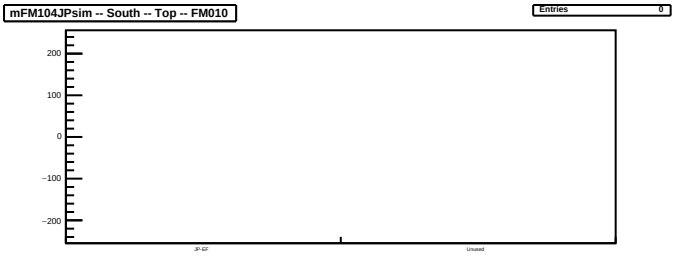

mFM104BS -- North -- Top -- FM010
Entries 5580
2
26
1395
1393
1369
1395
BS3
BS2
BS1-E
BS1-F

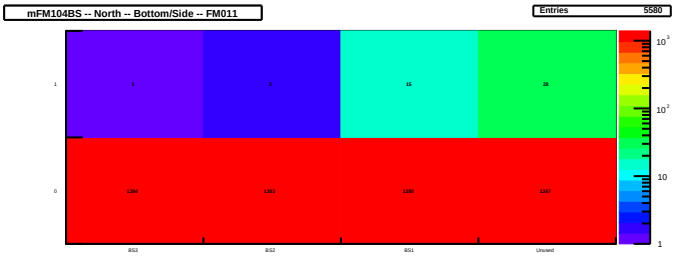

mFM104BSsim -- North -- Top -- FM010
Entries 9
2
7
BS3
BS2
BS1-E
BS1-F

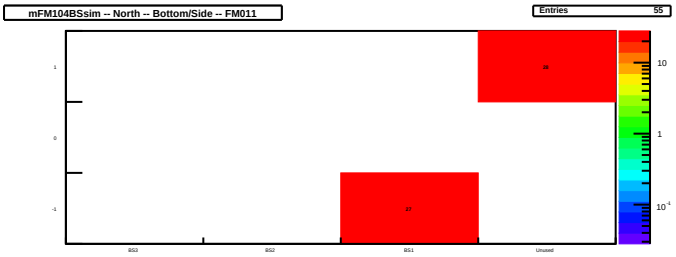

mFM104J -- South -- Top -- FM010
Entries 1395
Unused

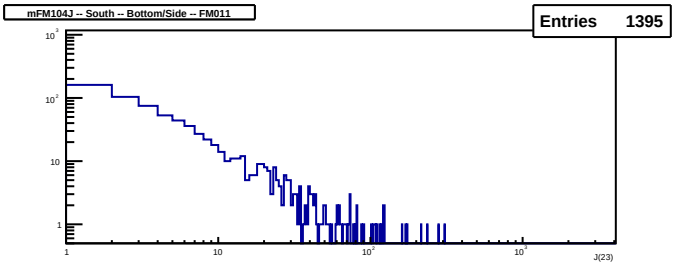

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

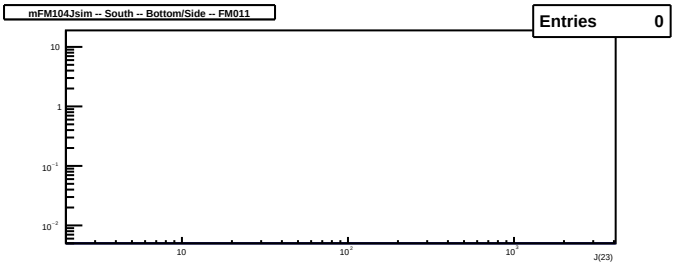

mFM104JP -- South -- Top -- FM010
Entries 2790
JP-EF
Unused

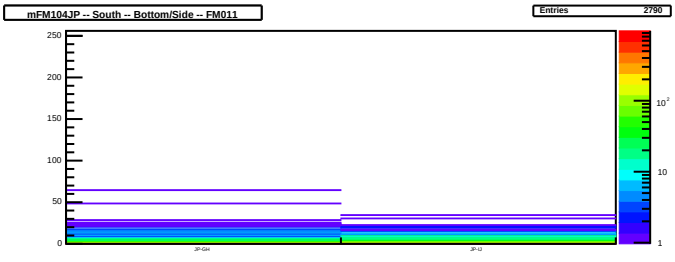

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

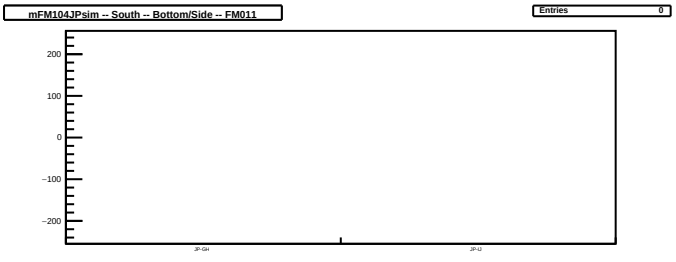

mFM104BS -- North -- Bottom/Side -- FM011
Entries 5580

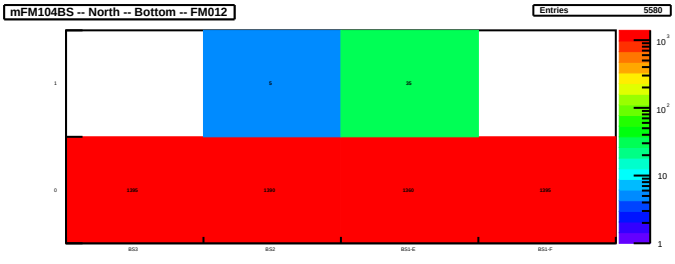

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 55

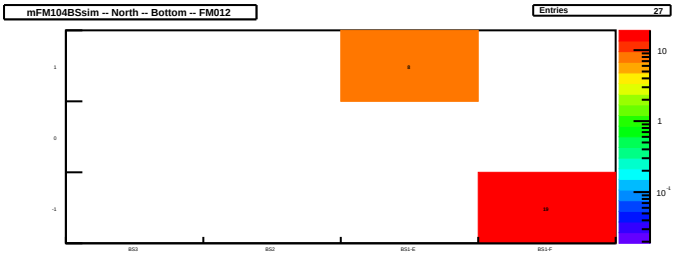

mFM104J -- South -- Bottom/Side -- FM011
Entries 1395
J(23)

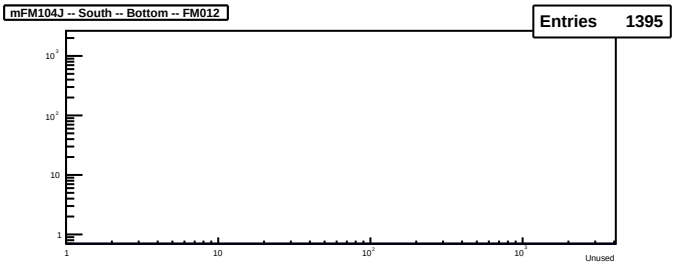

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

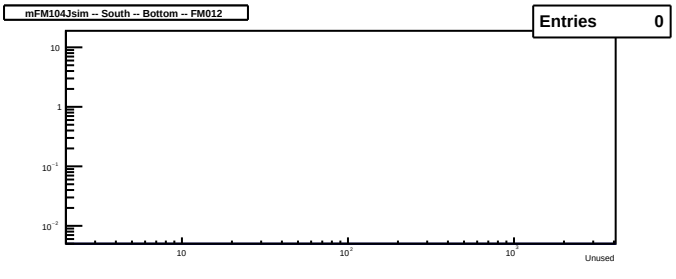

mFM104JP -- South -- Bottom/Side -- FM011
Entries 2790

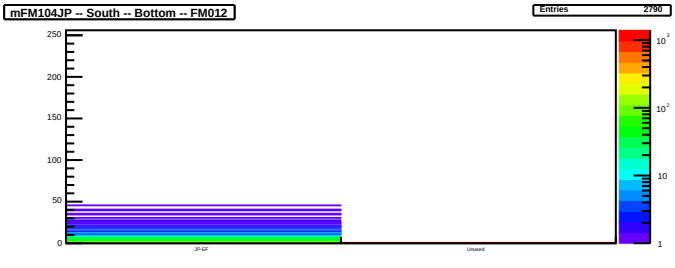

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0


mFM104BS -- North -- Bottom -- FM012
Entries 5580

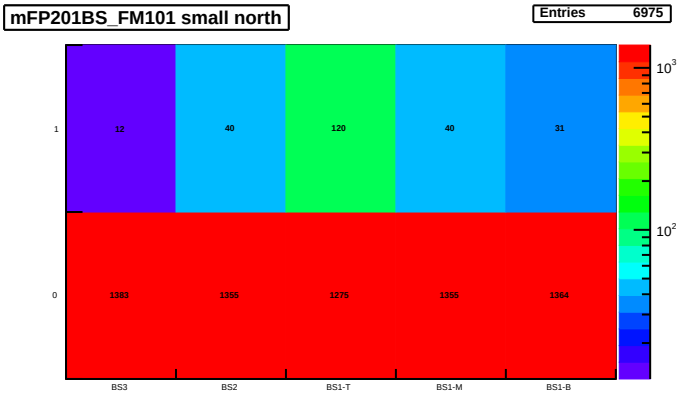

mFM104BSsim -- North -- Bottom -- FM012
Entries 27

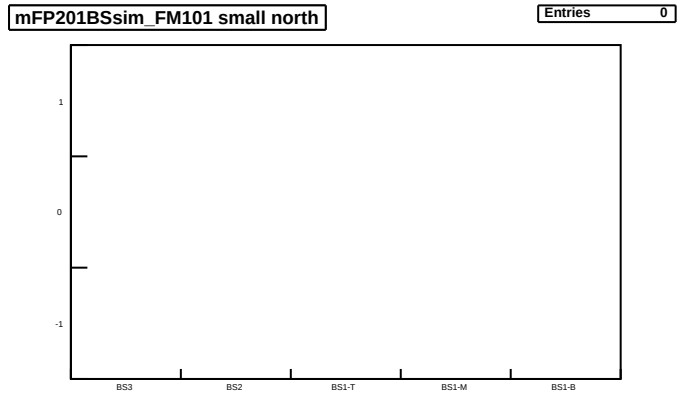

mFM104J -- South -- Bottom -- FM012
Entries 1395
Unused

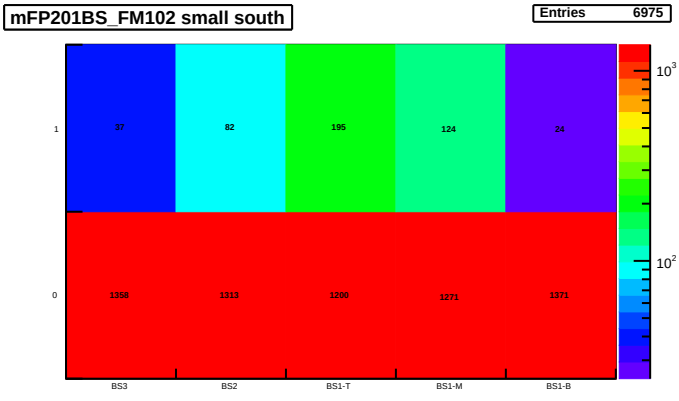

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

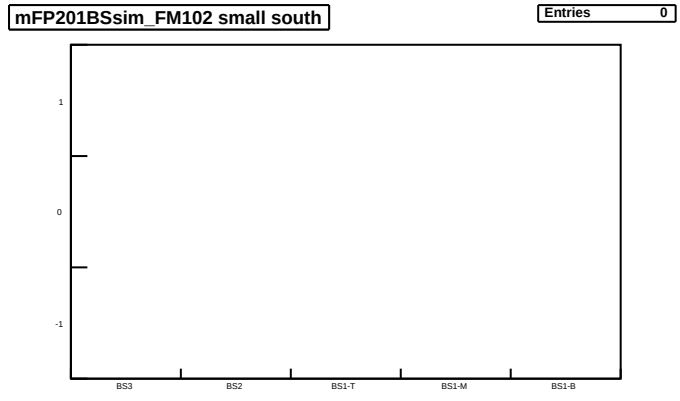

mFM104JP -- South -- Bottom -- FM012
Entries 2790

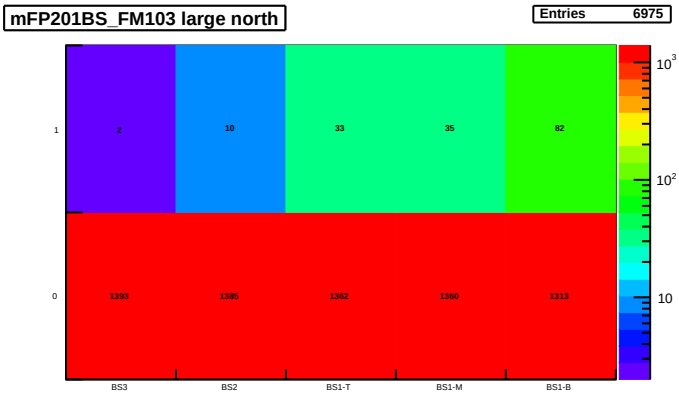
mFM104JPsim -- South -- Bottom -- FM012
Entries 0

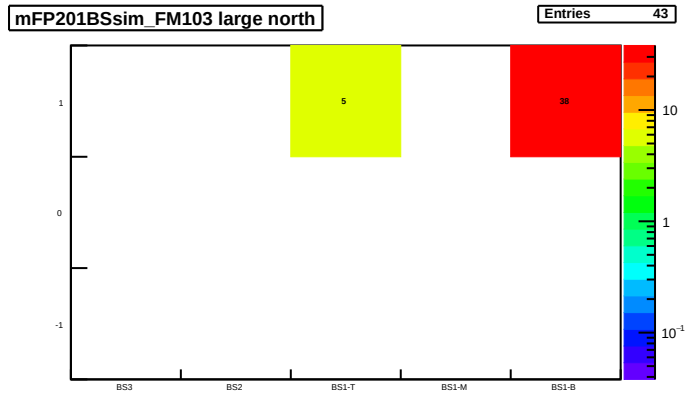

mFP201BS_FM101 small north
Entries 6975
12
40
120
40
31
1383
1355
1275
1355
1364
BS3
BS2
BS1-T
BS1-M
BS1-B

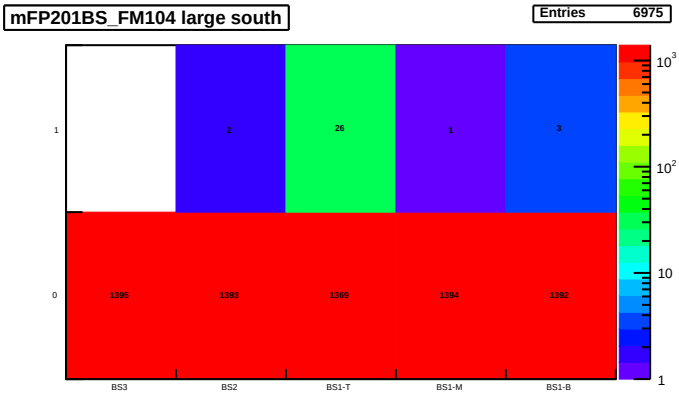

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

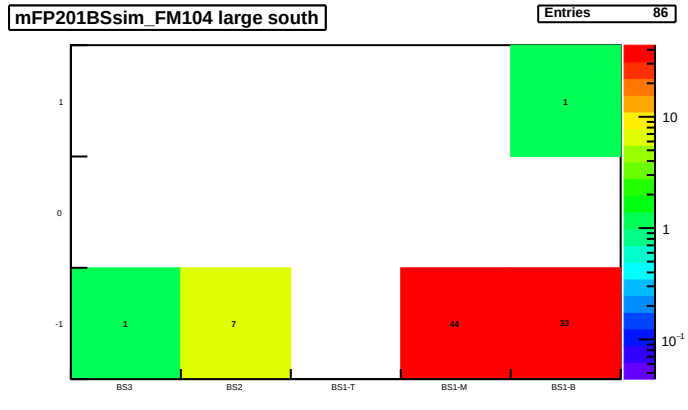

mFP201BS_FM102 small south
Entries 6975
37
82
195
124
24
1358
1313
1200
1271
1371
BS3
BS2
BS1-T
BS1-M
BS1-B

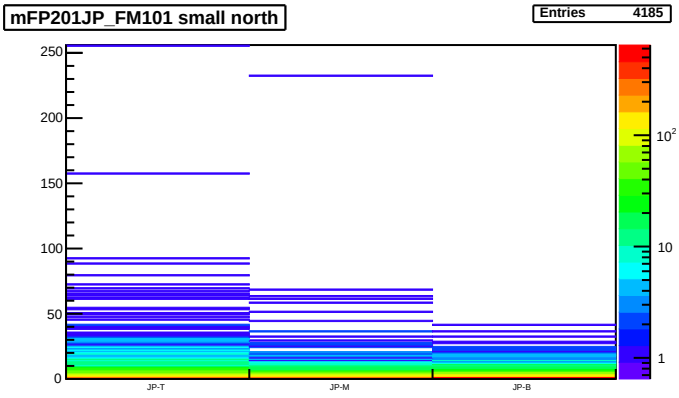

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

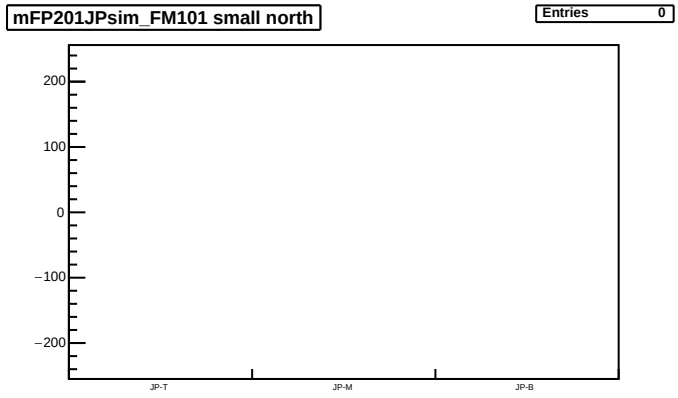

mFP201BS_FM103 large north
Entries 6975
2
10
33
35
82
1393
1385
1362
1360
1313
BS3
BS2
BS1-T
BS1-M
BS1-B

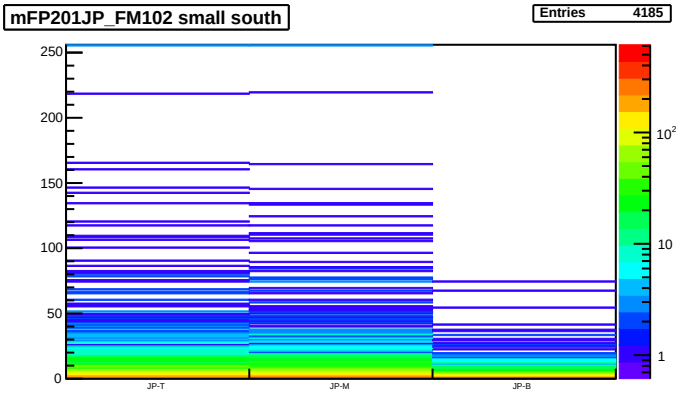

mFP201BSsim_FM103 large north
Entries 43
5
38
BS3
BS2
BS1-T
BS1-M
BS1-B

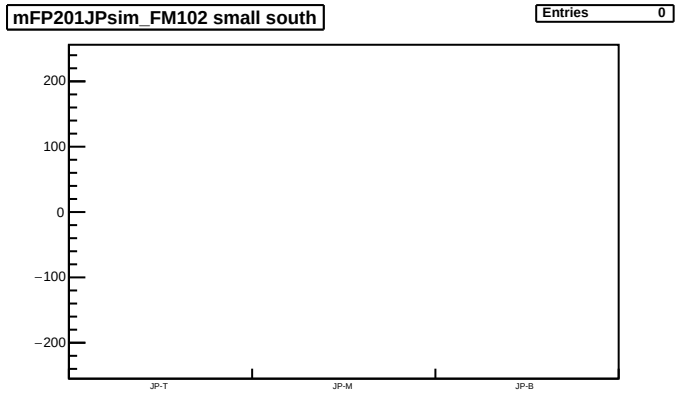

mFP201BS_FM104 large south
Entries 6975
2
26
1
3
1395
1393
1369
1394
1392
BS3
BS2
BS1-T
BS1-M
BS1-B

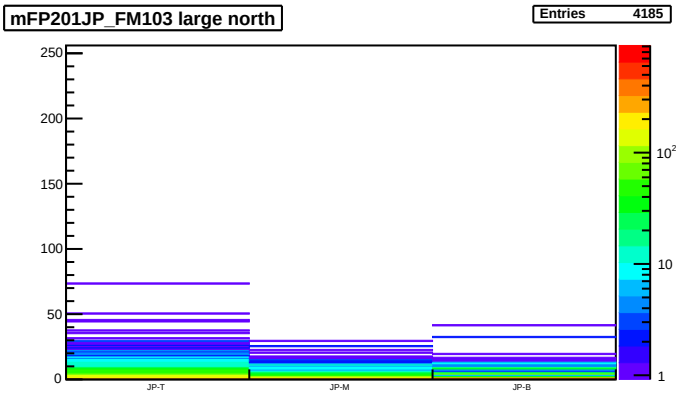

mFP201BSsim_FM104 large south
Entries 86
1
1
7
44
33
BS3
BS2
BS1-T
BS1-M
BS1-B

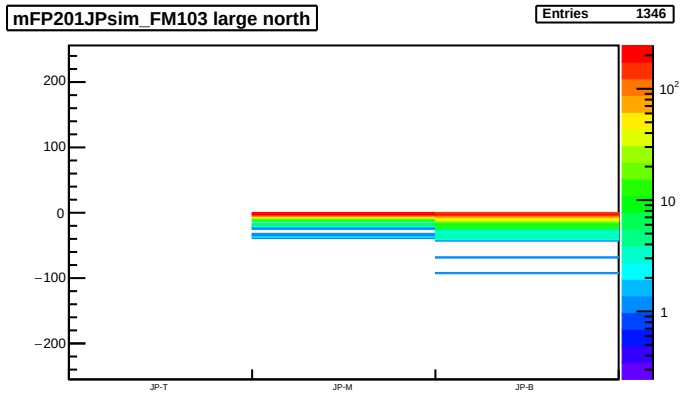

mFP201JP_FM101 small north
Entries 4185
JP-T
JP-M
JP-B

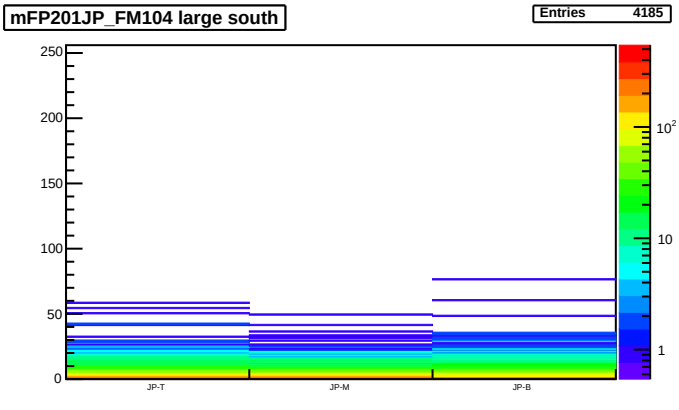

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

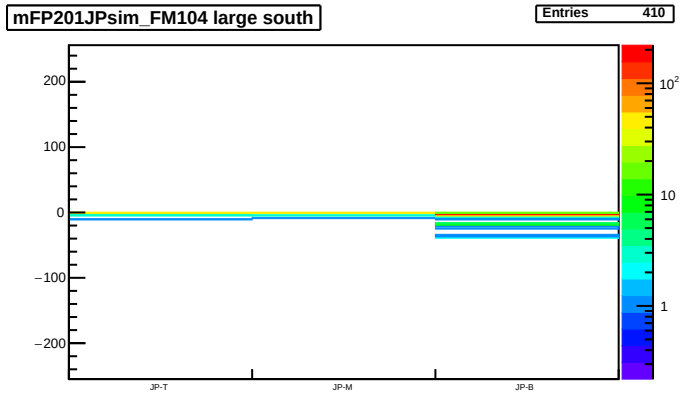

mFP201JP_FM102 small south
Entries 4185
JP-T
JP-M
JP-B

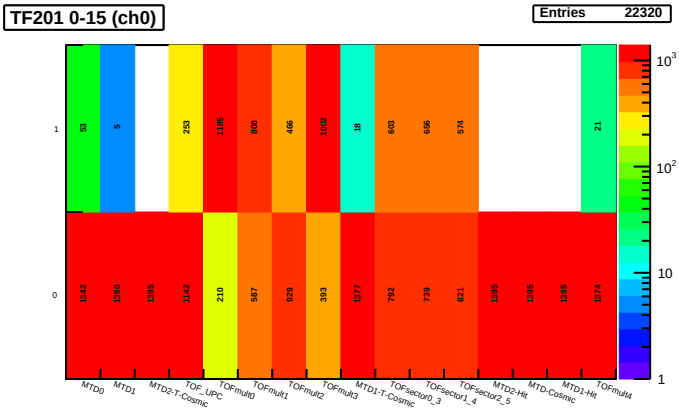

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

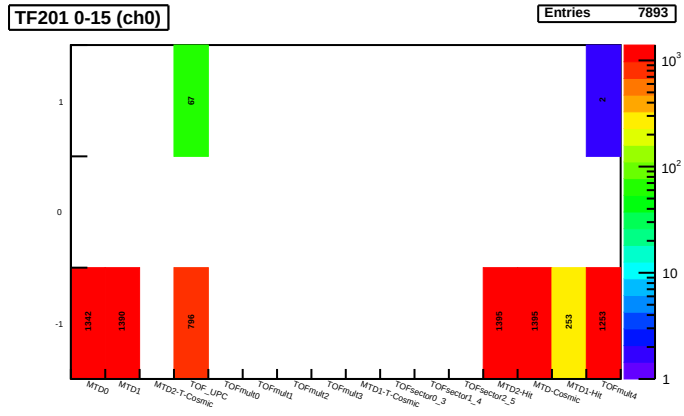

mFP201JP_FM103 large north
Entries 4185
JP-T
JP-M
JP-B

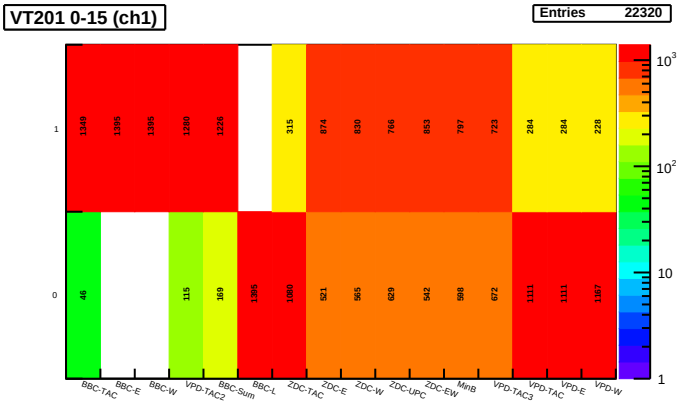

mFP201JPsim_FM103 large north
Entries 1346
JP-T
JP-M
JP-B

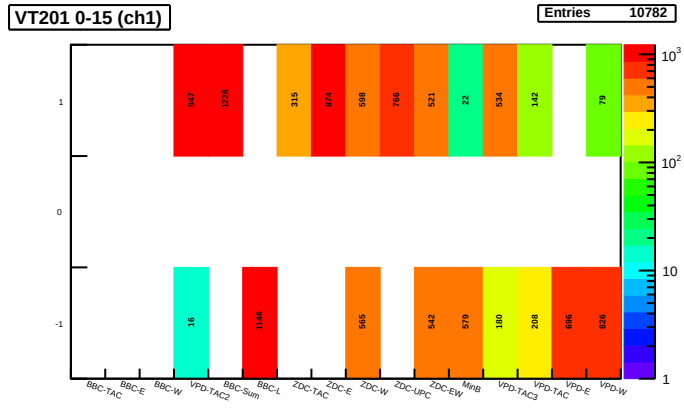

mFP201JP_FM104 large south
Entries 4185
JP-T
JP-M
JP-B

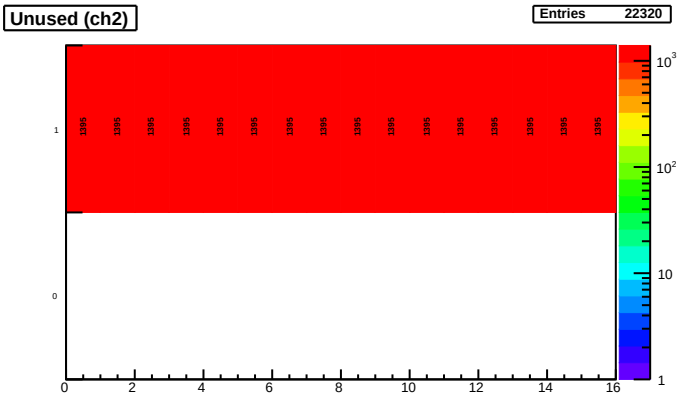

mFP201JPsim_FM104 large south
Entries 410
JP-T
JP-M
JP-B

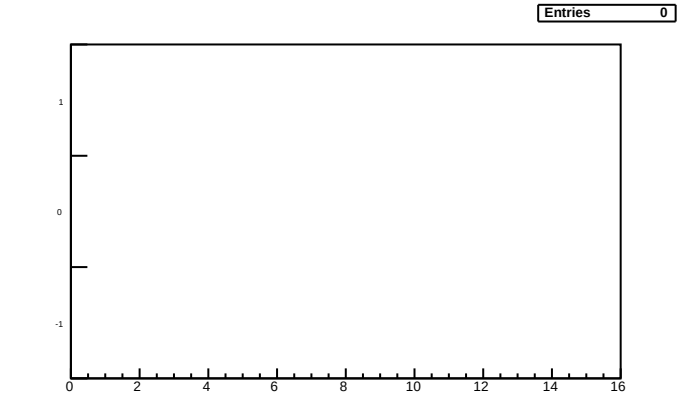

TF201 0-15 (ch0)
Entries 22320
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

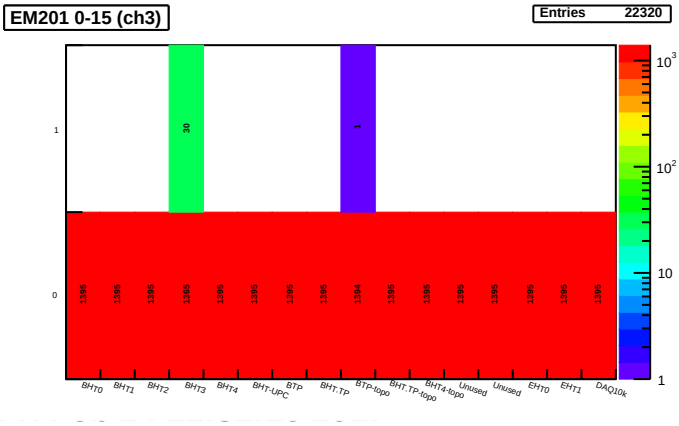

TF201 0-15 (ch0)
Entries 7893
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

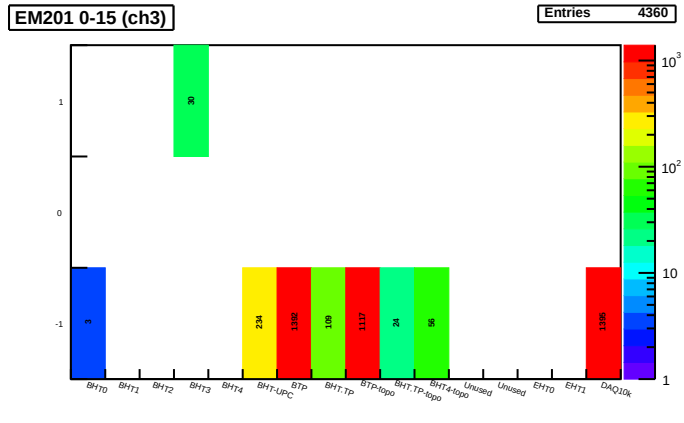

VT201 0-15 (ch1)
Entries 22320
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W


VT201 0-15 (ch1)
Entries 10782
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

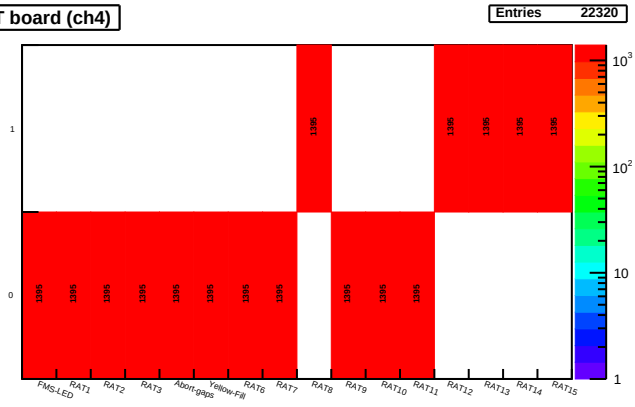

Unused (ch2)
Entries 22320

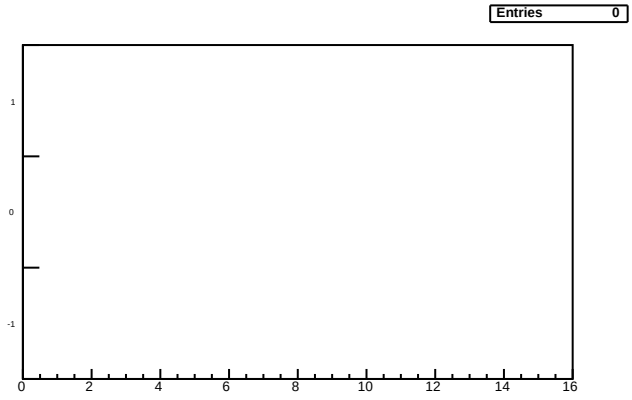

Entries 0


EM201 0-15 (ch3)
Entries 22320
BH0 BH1 BH2 BH3 BH4 BH-UPC BTP BH-TP BTP-topo BH-TP-topo BH4-topo Unused Unused EH0 EH1 DAQ10k

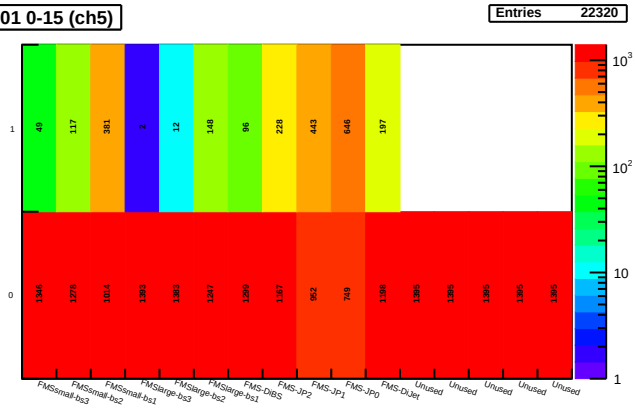

EM201 0-15 (ch3)
Entries 4360
BH0 BH1 BH2 BH3 BH4 BH-UPC BTP BH-TP BTP-topo BH-TP-topo BH4-topo Unused Unused EH0 EH1 DAQ10k

RAT board (ch4)

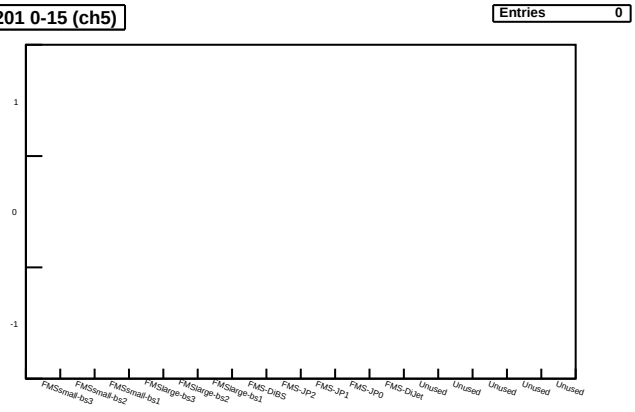




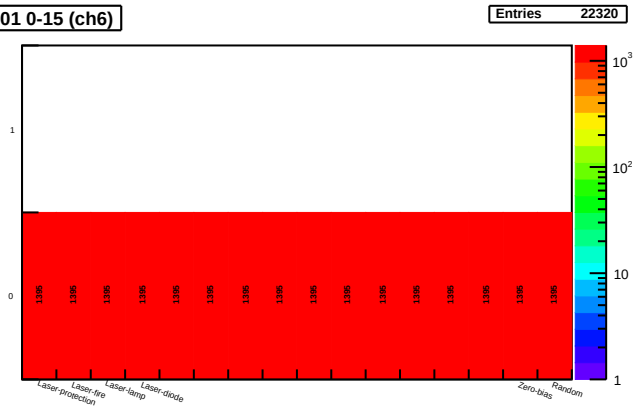
FP201 0-15 (ch5)

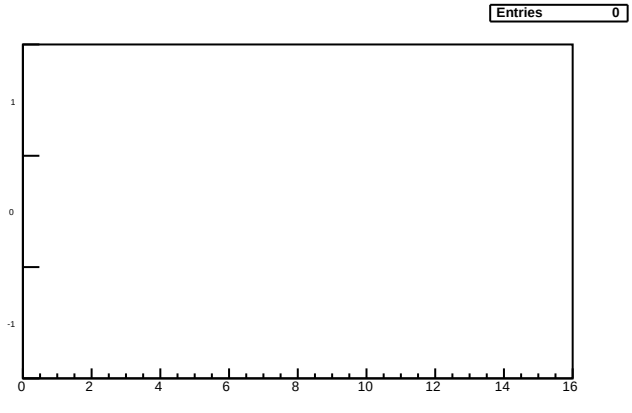
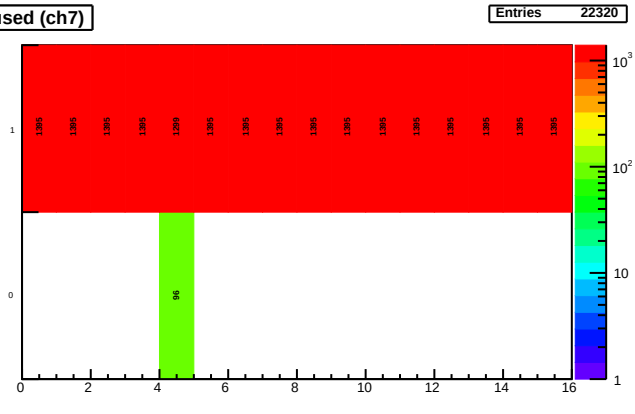
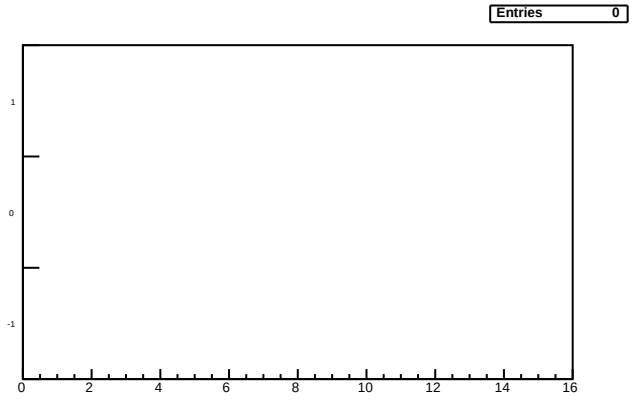


FP201 0-15 (ch5)



ST201 0-15 (ch6)





Unused (ch7)