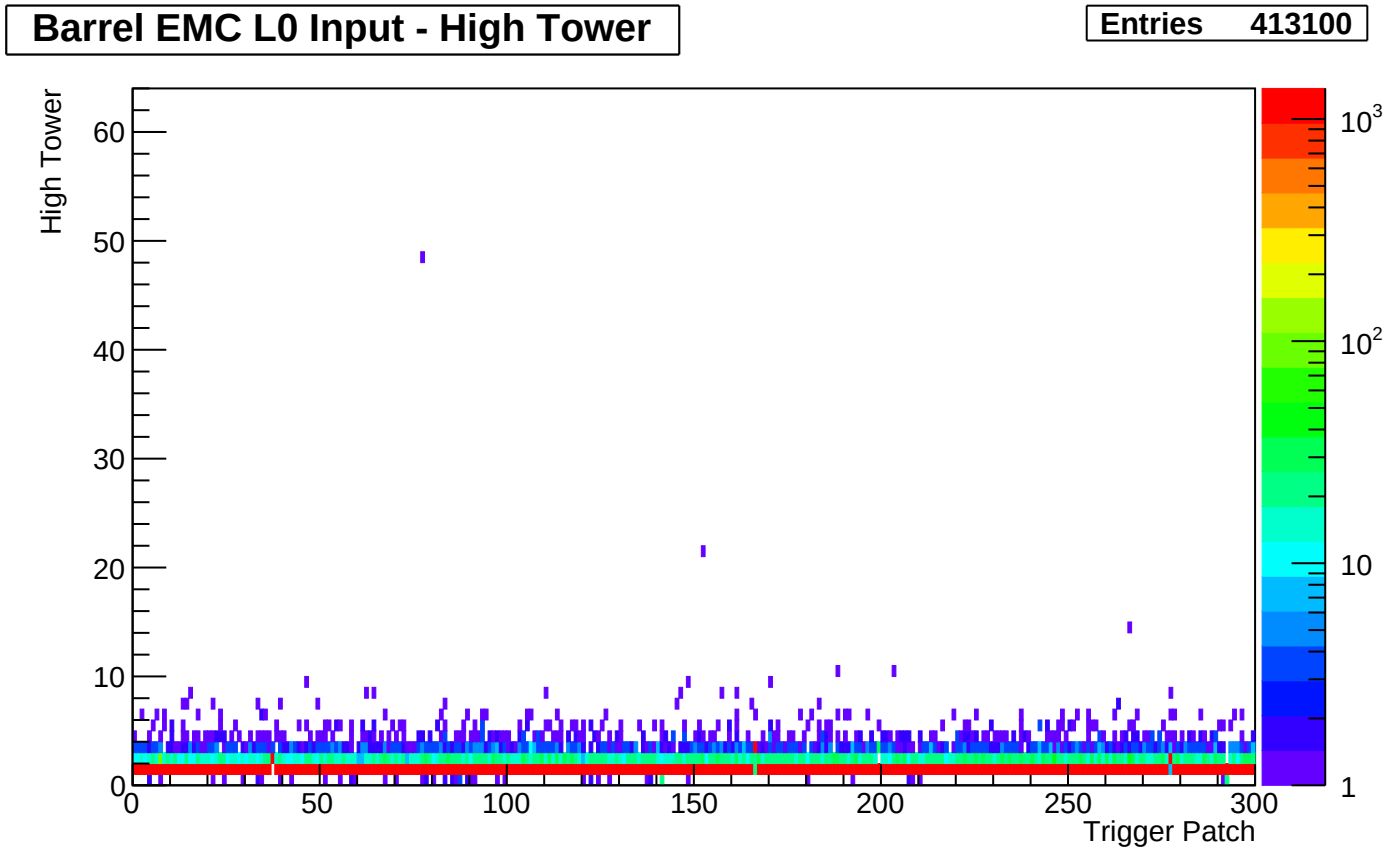
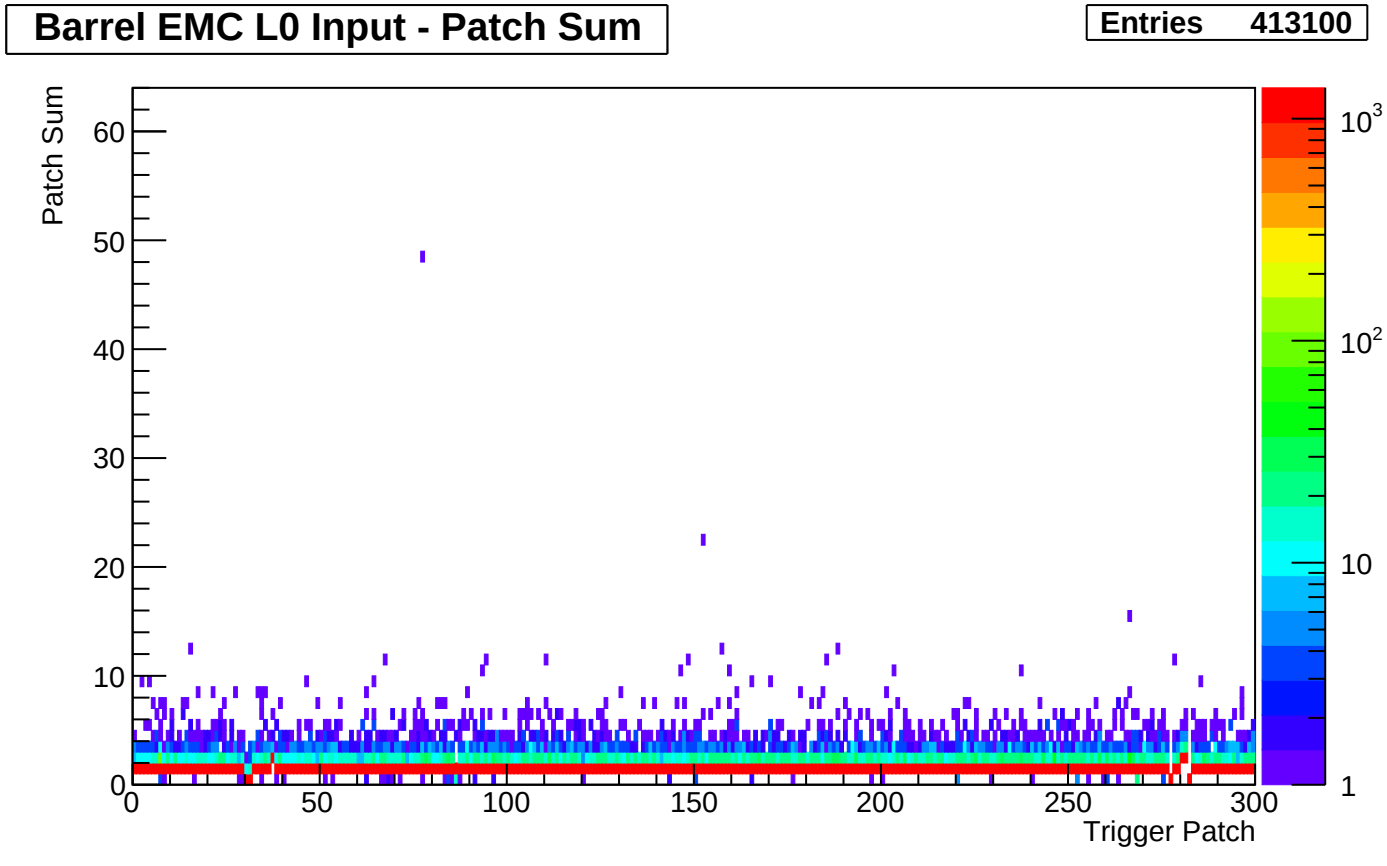
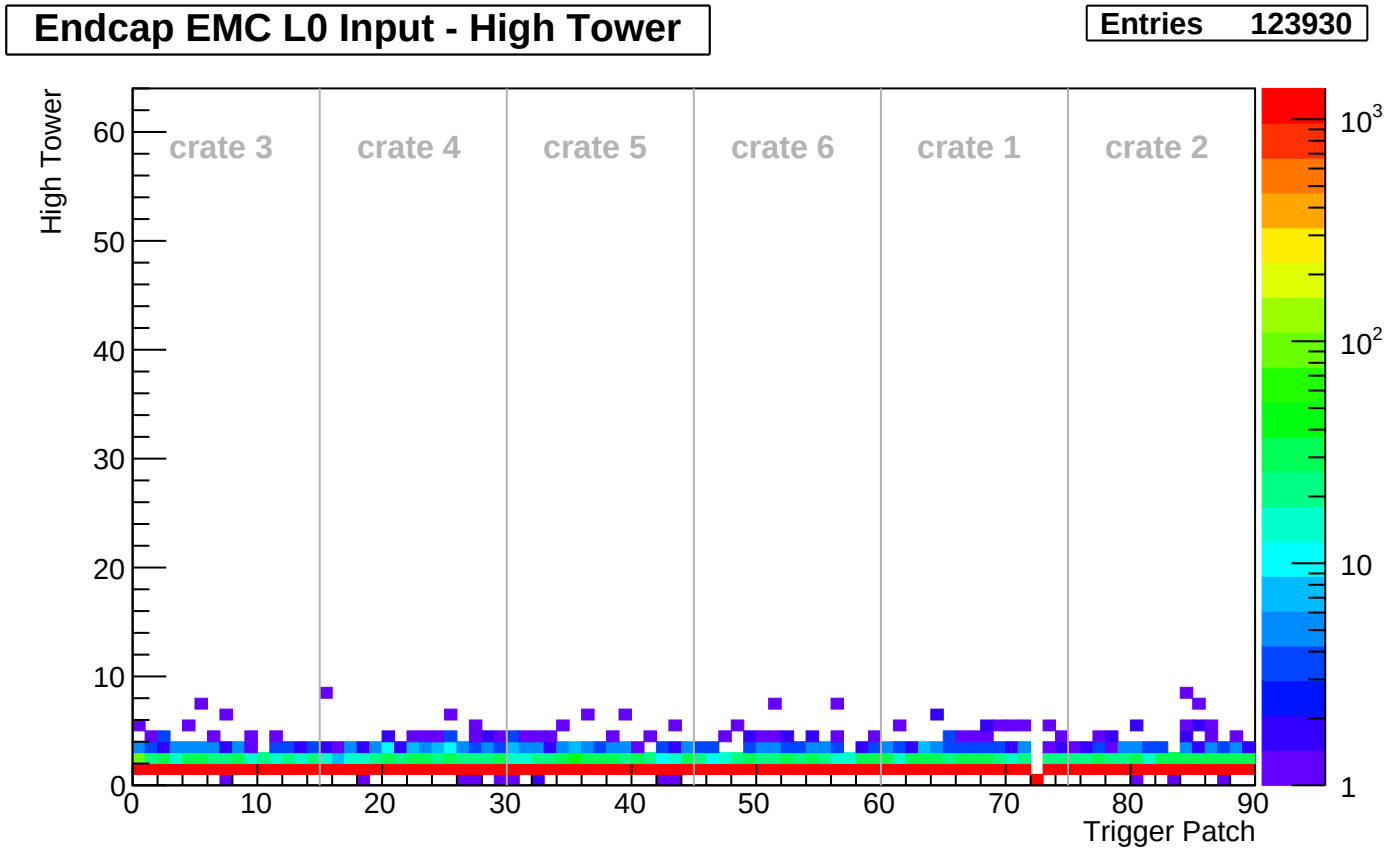
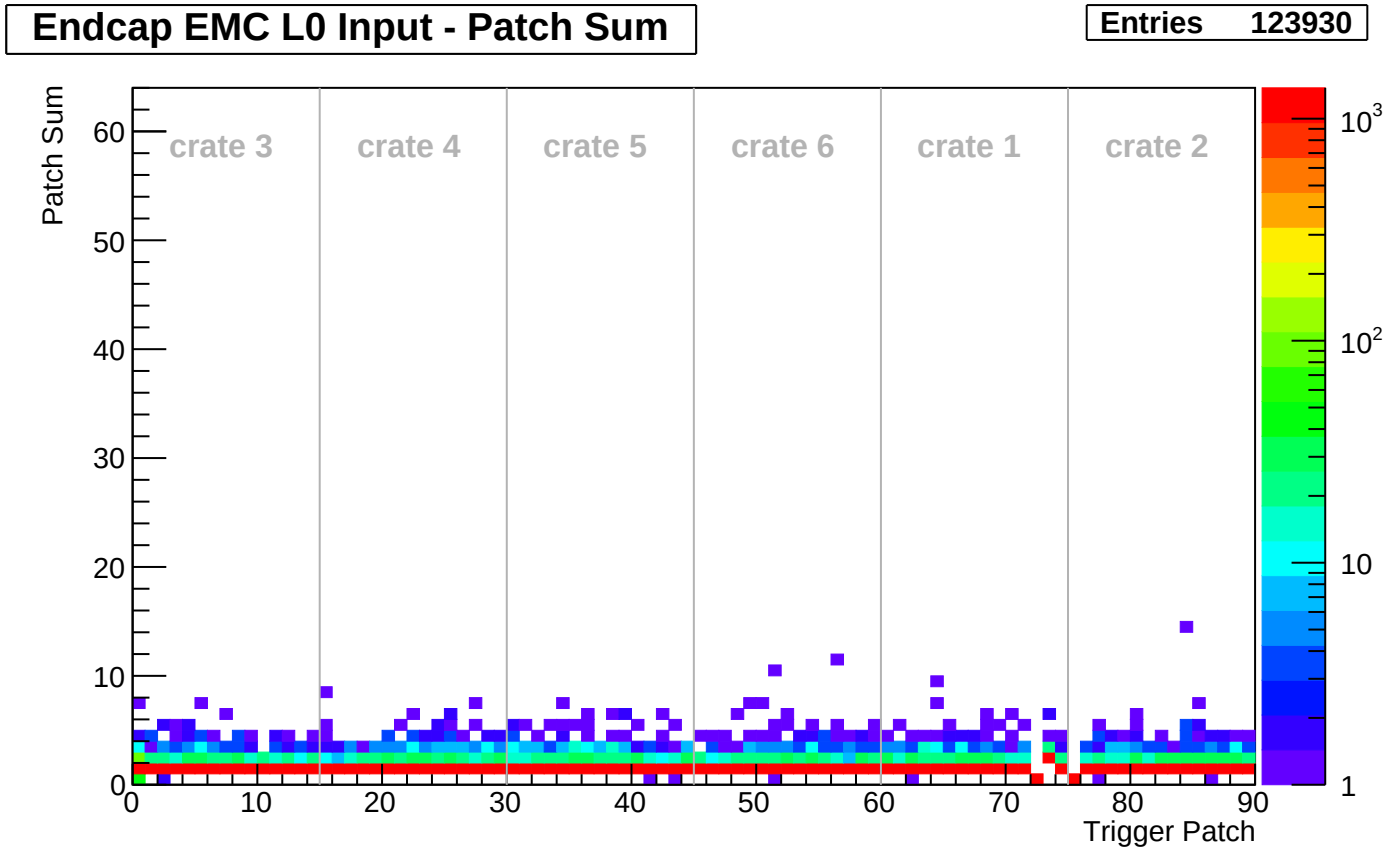
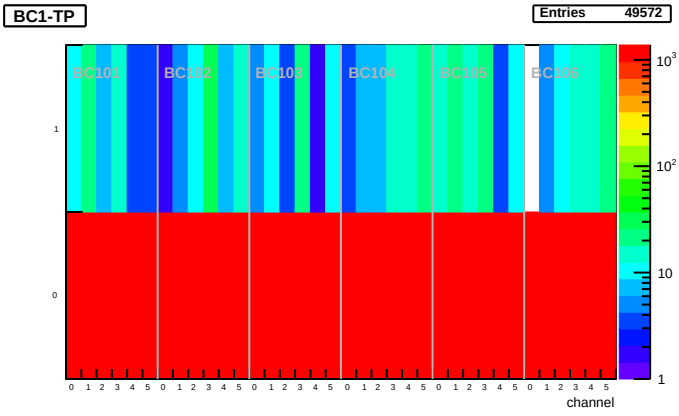
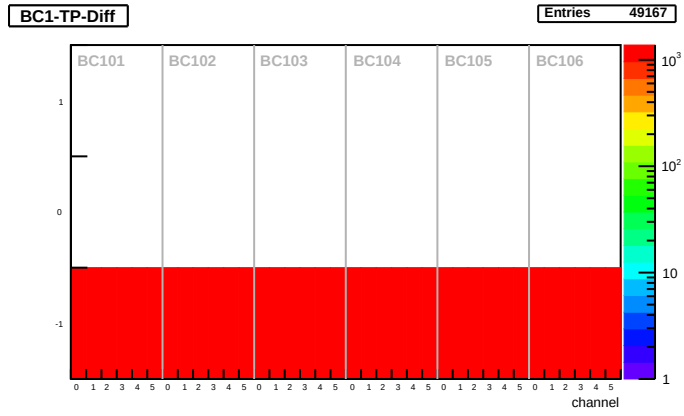

Barrel EMC L0 Input - High Tower
Entries 413100
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3

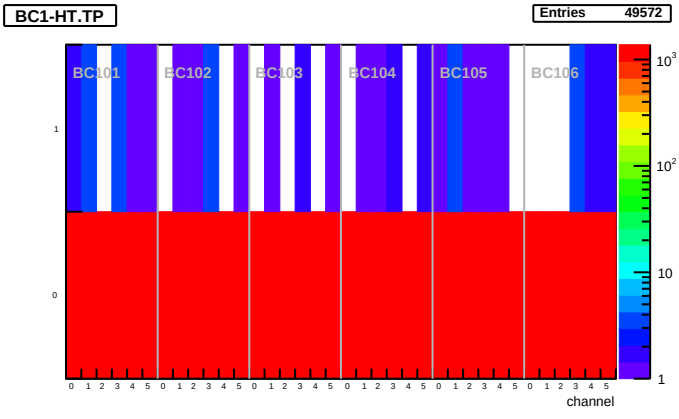

Barrel EMC L0 Input - Patch Sum
Entries 413100
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3

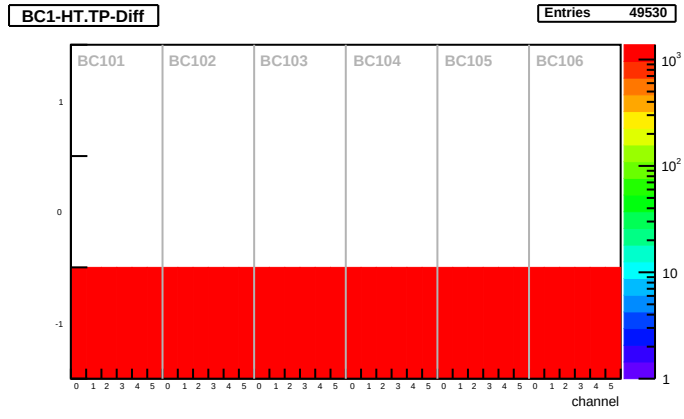

Endcap EMC L0 Input - High Tower
Entries 123930
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3

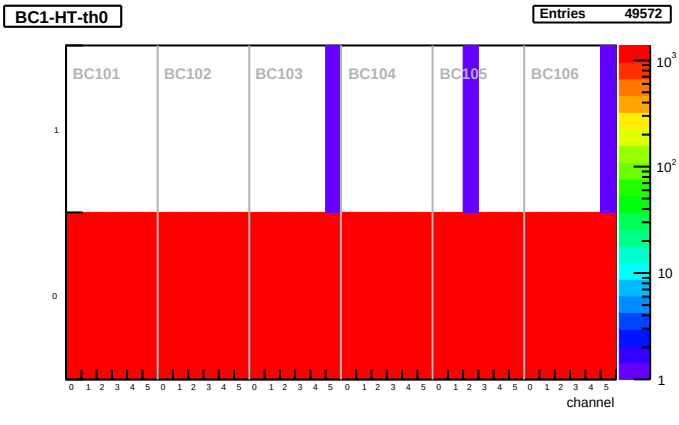

Endcap EMC L0 Input - Patch Sum
Entries 123930
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3

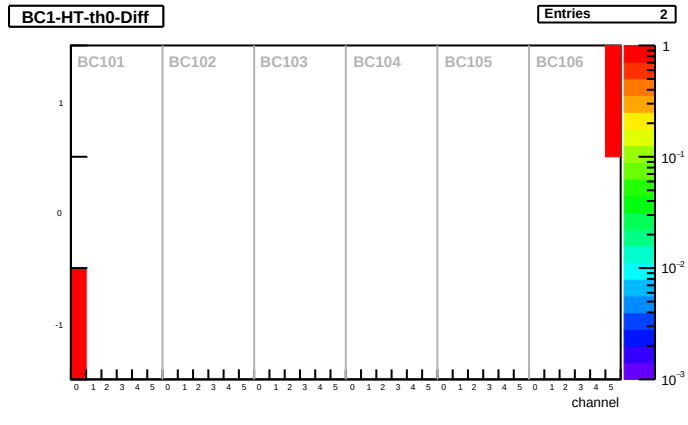

BC1-TP
Entries 49572
BC101
BC102
BC103
BC104
BC105
BC106
channel

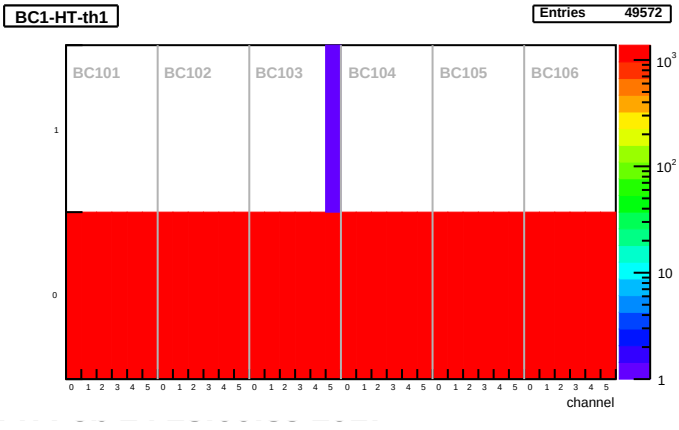

BC1-TP-Diff
Entries 49167
BC101
BC102
BC103
BC104
BC105
BC106
channel

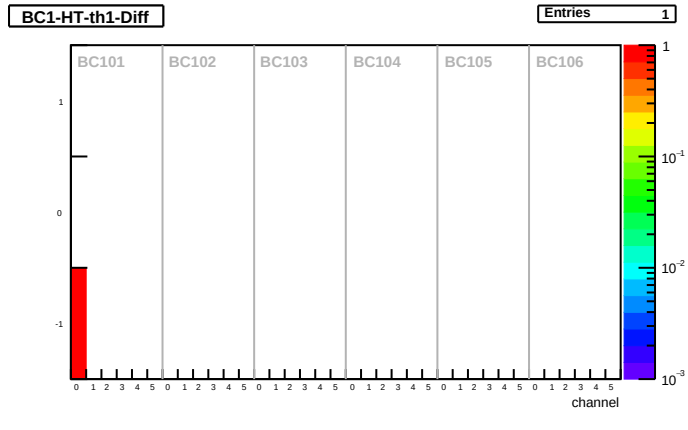

BC1-HT.TP
Entries 49572
BC101
BC102
BC103
BC104
BC105
BC106
channel

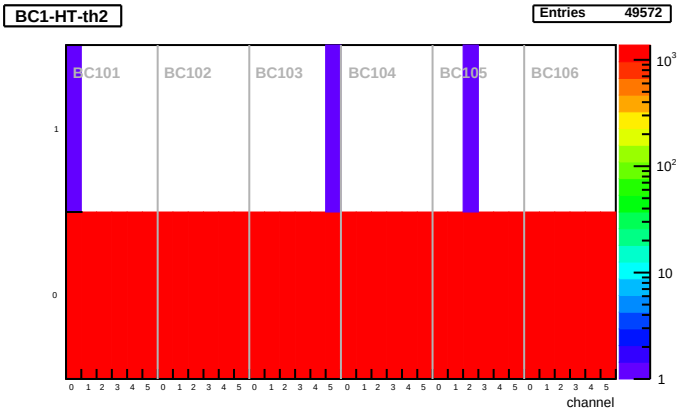

BC1-HT.TP-Diff
Entries 49530
BC101
BC102
BC103
BC104
BC105
BC106
channel

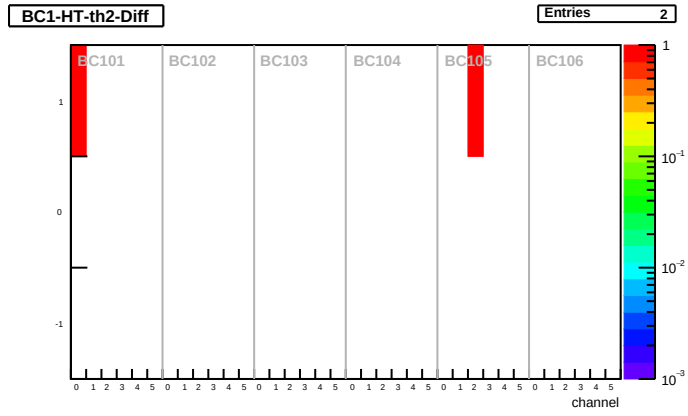

BC1-HT-th0
Entries 49572
BC101
BC102
BC103
BC104
BC105
BC106
channel

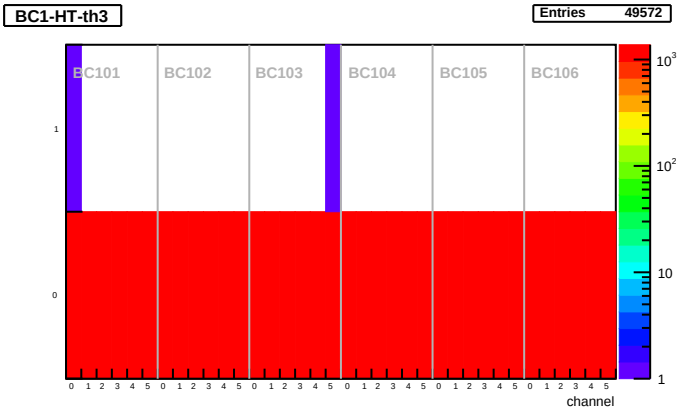

BC1-HT-th0-Diff
Entries 2
BC101
BC102
BC103
BC104
BC105
BC106
channel

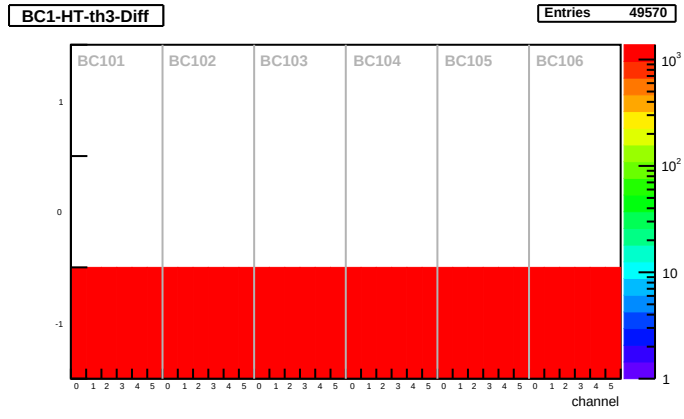

BC1-HT-th1
Entries 49572
BC101
BC102
BC103
BC104
BC105
BC106
channel

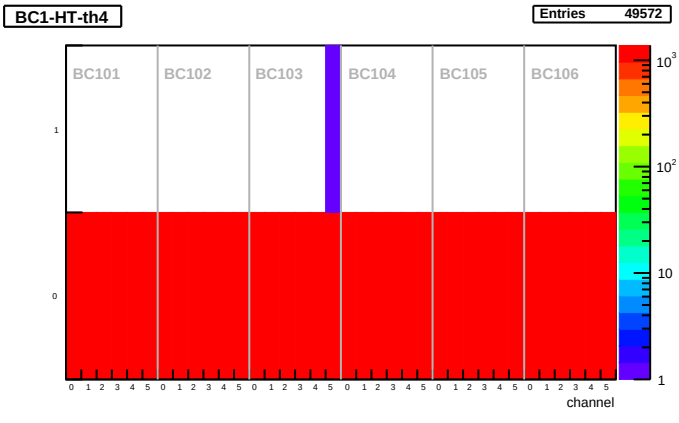

BC1-HT-th1-Diff
Entries 1
BC101
BC102
BC103
BC104
BC105
BC106
channel

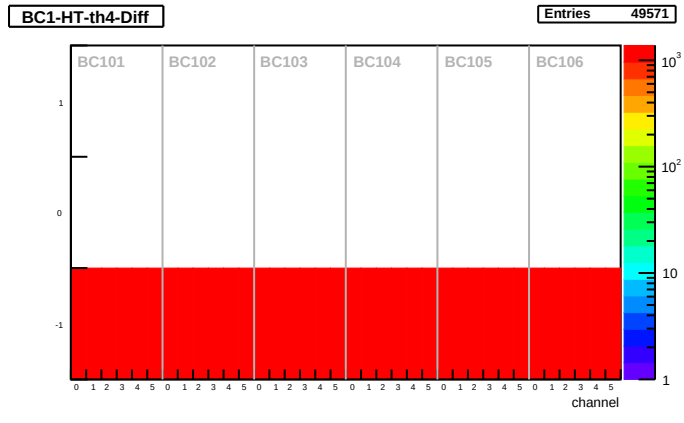

BC1-HT-th2
Entries 49572
BC101
BC102
BC103
BC104
BC105
BC106
channel

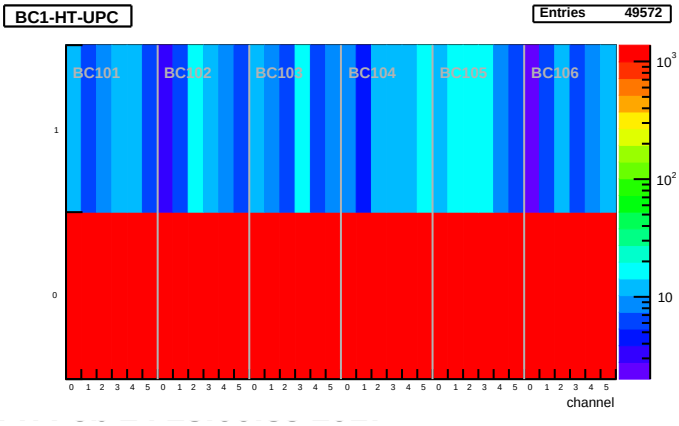

BC1-HT-th2-Diff
Entries 2
BC101
BC102
BC103
BC104
BC105
BC106
channel

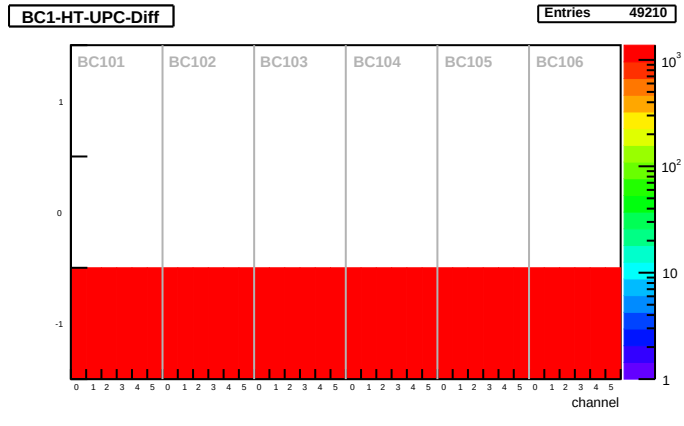

BC1-HT-th3
Entries 49572
BC101
BC102
BC103
BC104
BC105
BC106
channel

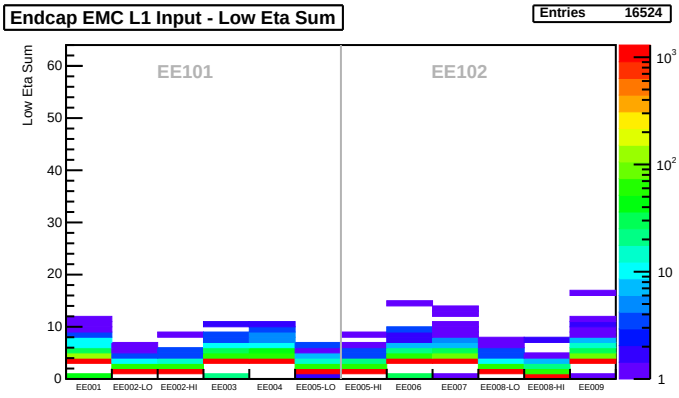

BC1-HT-th3-Diff
Entries 49570
BC101
BC102
BC103
BC104
BC105
BC106
channel

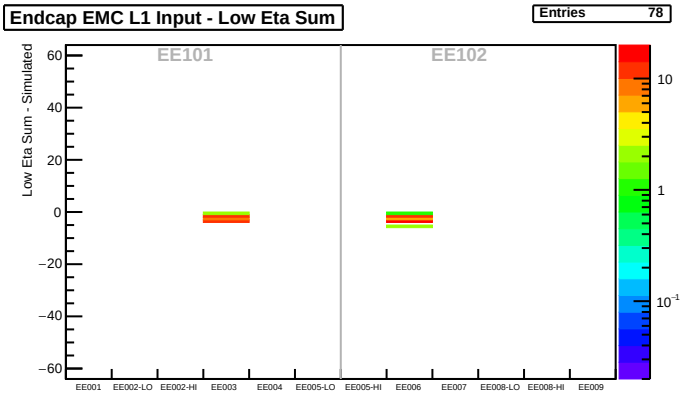

BC1-HT-th4
Entries 49572
BC101
BC102
BC103
BC104
BC105
BC106
channel

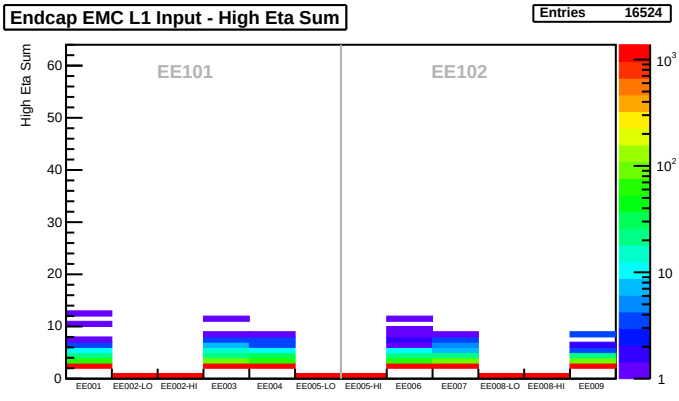

BC1-HT-th4-Diff
Entries 49571
BC101
BC102
BC103
BC104
BC105
BC106
channel

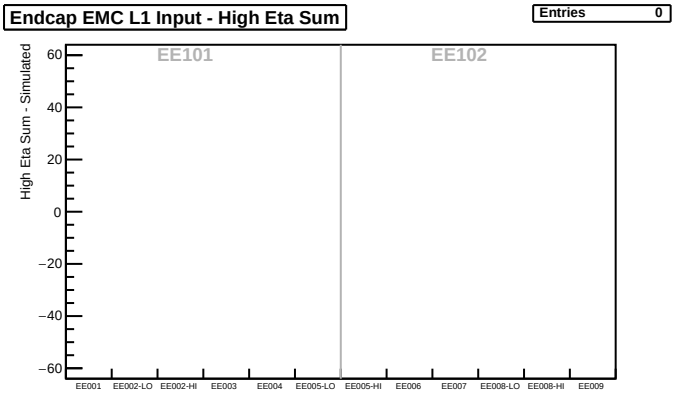

BC1-HT-UPC
Entries 49572
BC101
BC102
BC103
BC104
BC105
BC106
channel

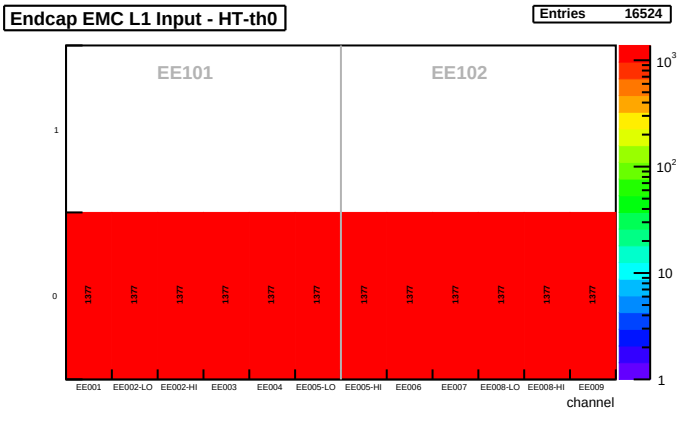

BC1-HT-UPC-Diff
Entries 49210
BC101
BC102
BC103
BC104
BC105
BC106
channel

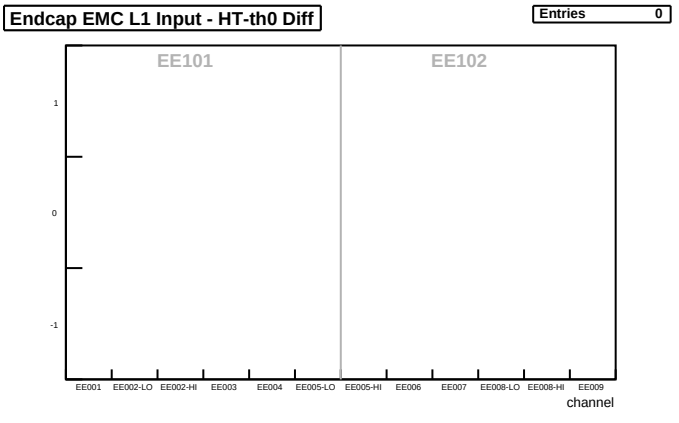

Endcap EMC L1 Input - Low Eta Sum
Entries 16524
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

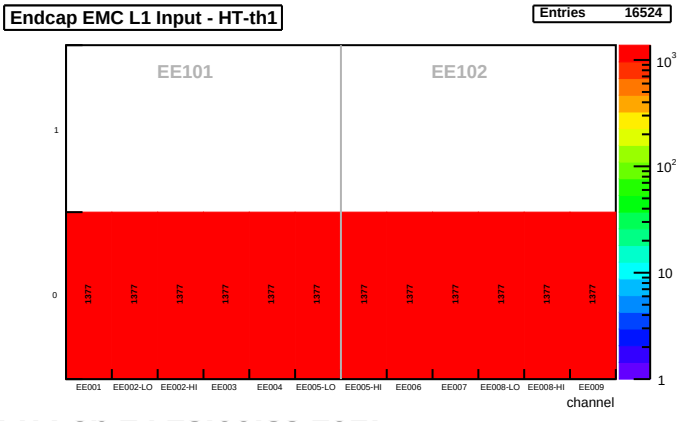

Endcap EMC L1 Input - Low Eta Sum
Entries 78
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

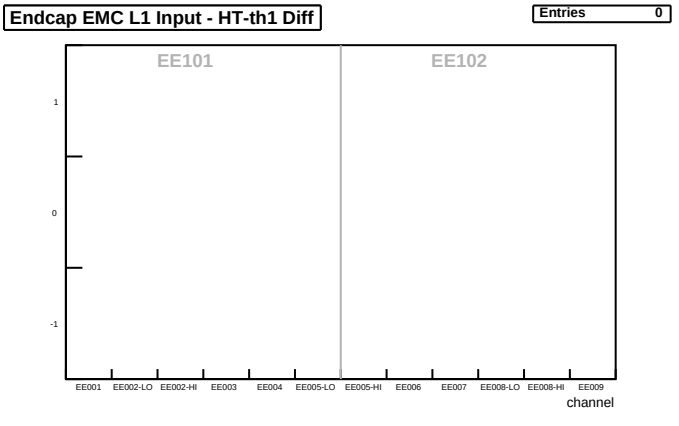

Endcap EMC L1 Input - High Eta Sum
Entries 16524
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

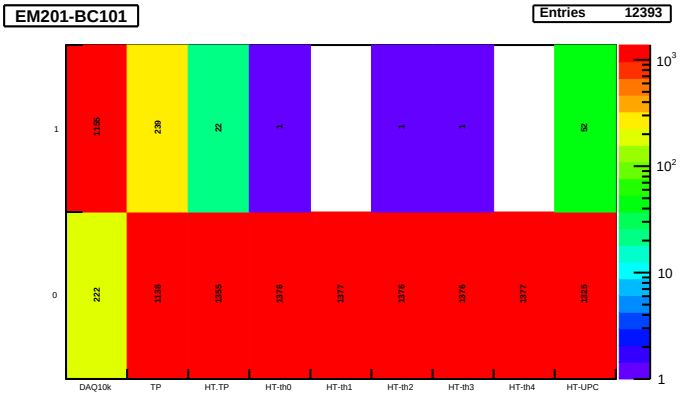

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

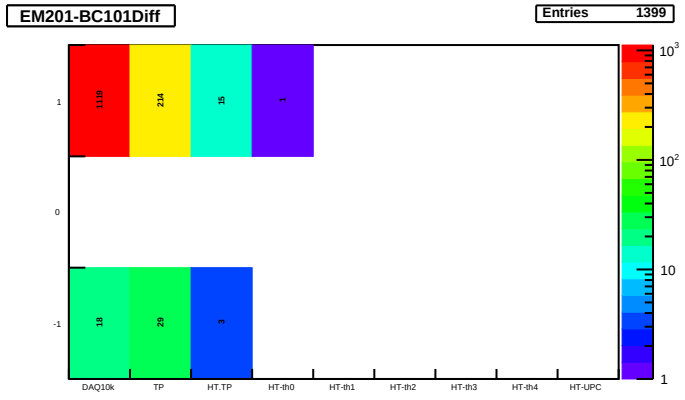

Endcap EMC L1 Input - HT-th0
Entries 16524
EE101
EE102
1377
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

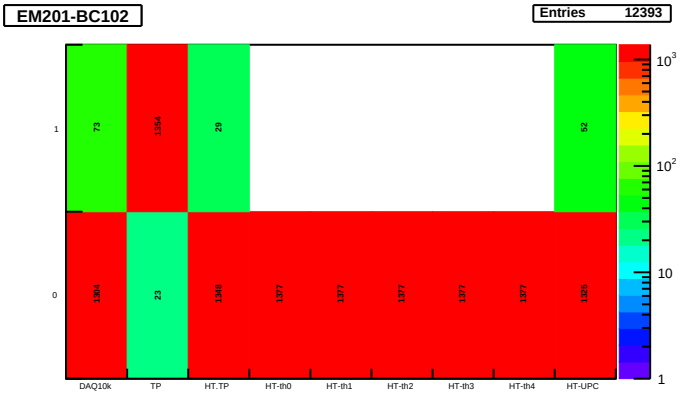

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

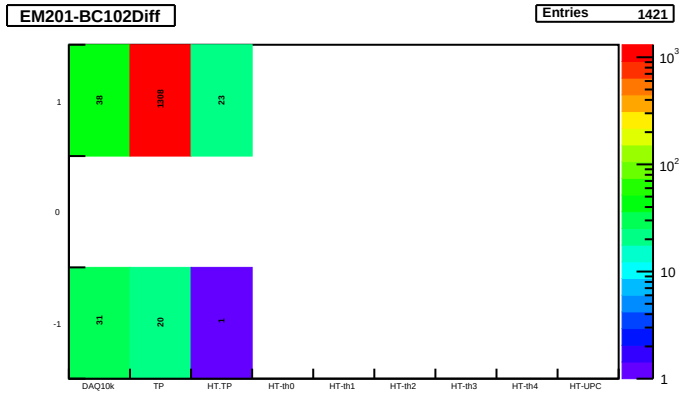

Endcap EMC L1 Input - HT-th1
Entries 16524
EE101
EE102
1377
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

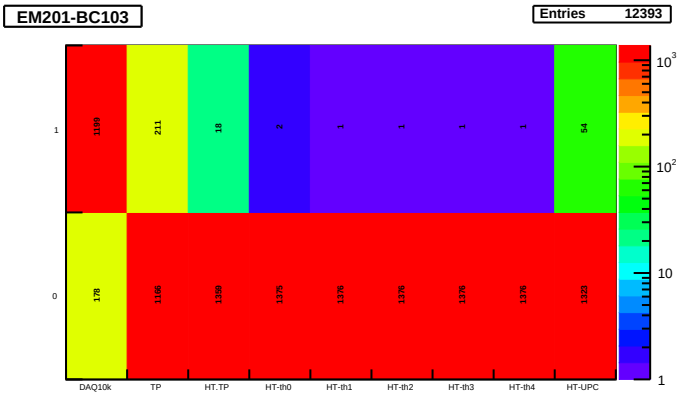

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

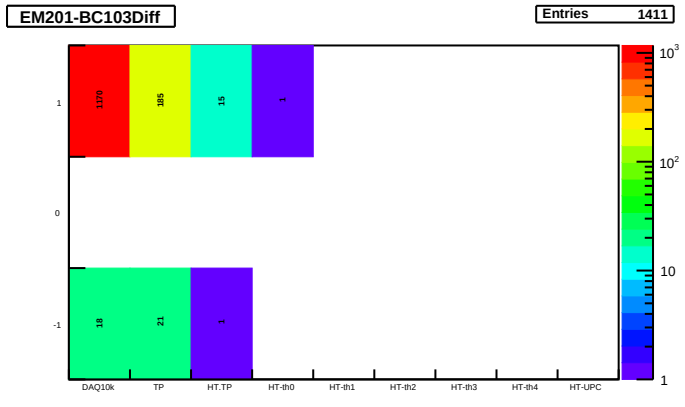

EM201-BC101
Entries 12393
1 1155 239 22 1 1 1 52
0 222 1138 1355 1376 1377 1376 1376 1377 1325
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3 10^2 10 1

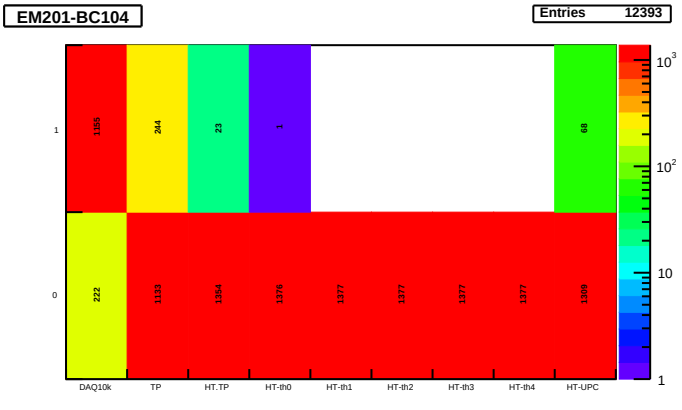

EM201-BC101Diff
Entries 1399
1 1119 214 15 1
0
-1 18 29 3
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3 10^2 10 1

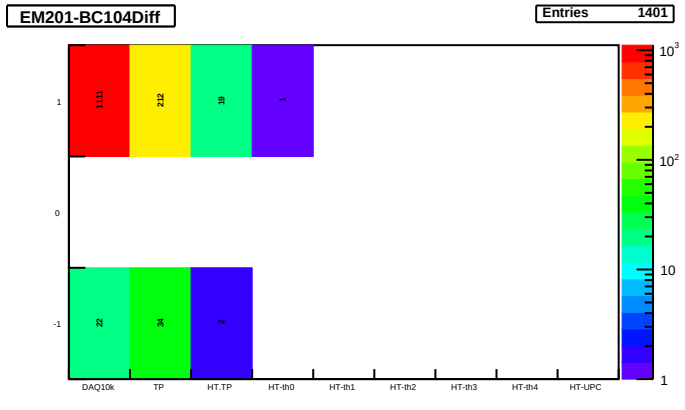

EM201-BC102
Entries 12393
1 73 1354 29 52
0 1304 23 1348 1377 1377 1377 1377 1377 1325
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3 10^2 10 1

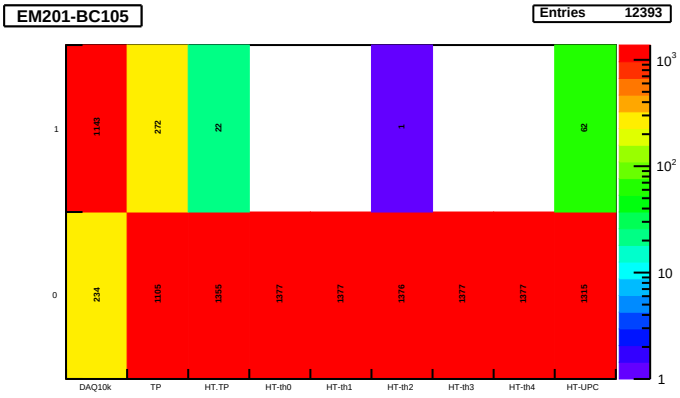

EM201-BC102Diff
Entries 1421
1 38 1308 23
0
-1 31 20 1
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3 10^2 10 1

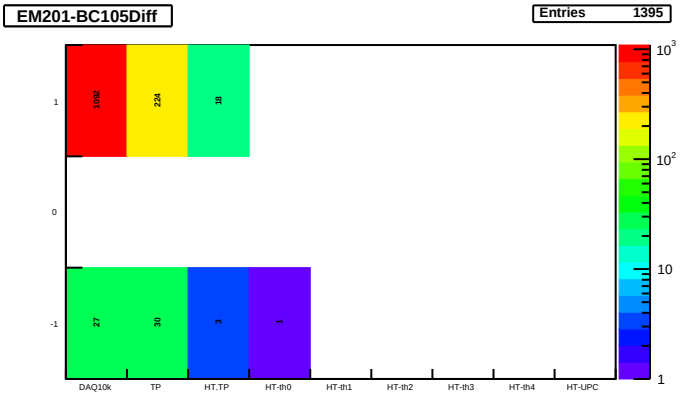

EM201-BC103
Entries 12393
1 1199 211 18 2 1 1 1 1 54
0 178 1166 1359 1375 1376 1376 1376 1376 1323
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3 10^2 10 1

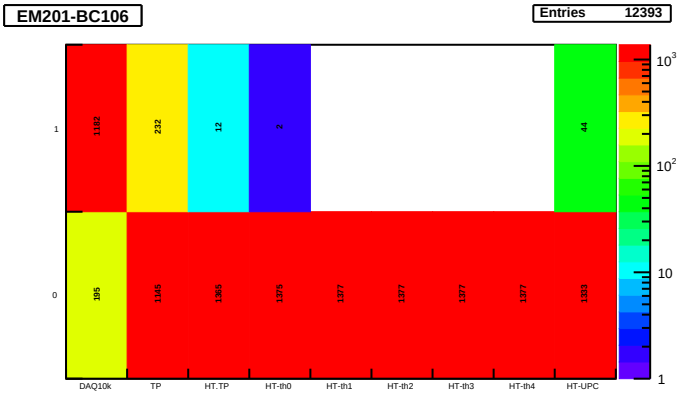

EM201-BC103Diff
Entries 1411
1 1170 185 15 1
0
-1 18 21 1
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3 10^2 10 1

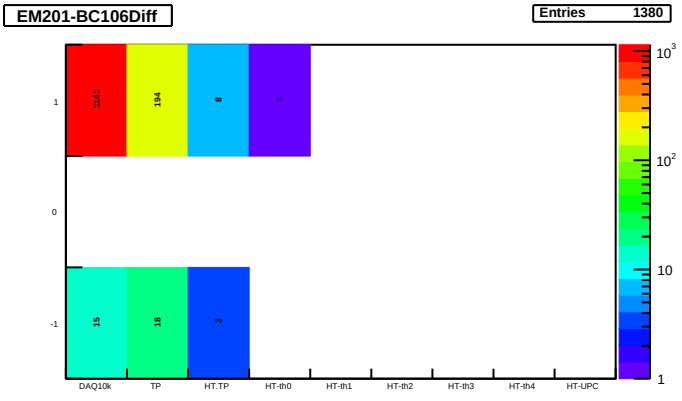

EM201-BC104
Entries 12393
1 1155 244 23 1 68
0 222 1133 1354 1376 1377 1377 1377 1377 1309
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3 10^2 10 1

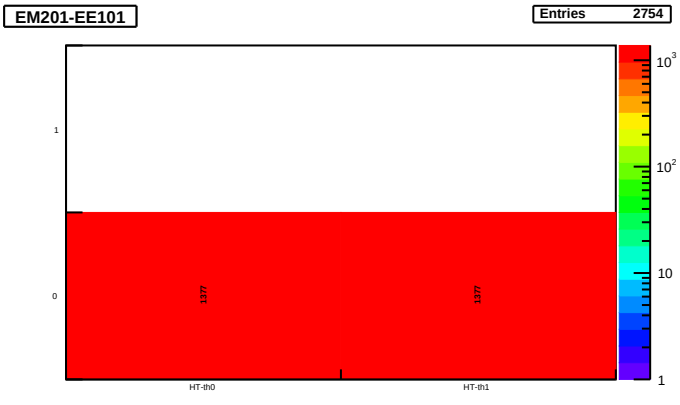

EM201-BC104Diff
Entries 1401
1 1111 212 19 1
0
-1 22 34 2
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3 10^2 10 1

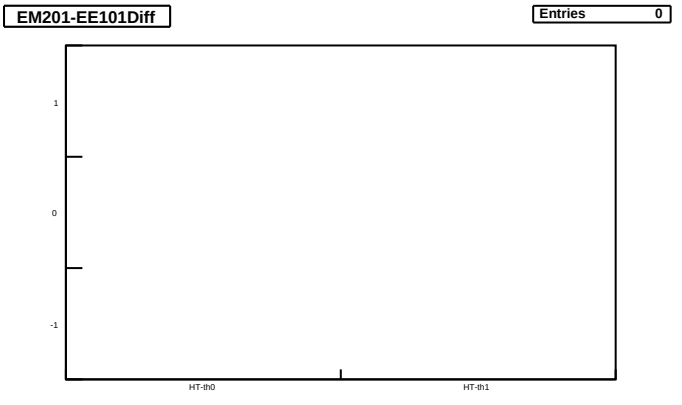

EM201-BC105
Entries 12393
1143 272 22 1 62
234 1105 1355 1377 1377 1376 1377 1377 1315
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC

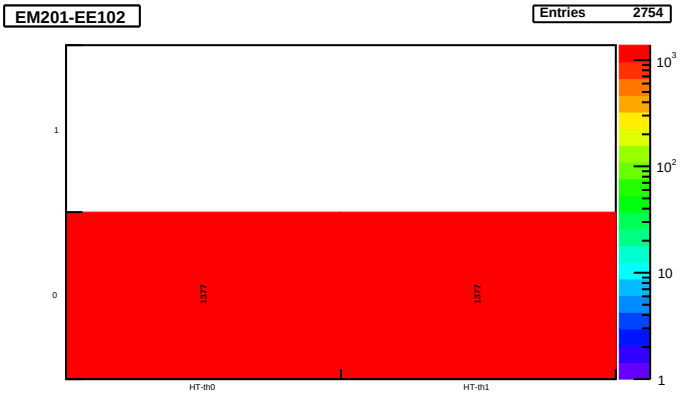

EM201-BC105Diff
Entries 1395
1092 224 19
27 30 3 1
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC

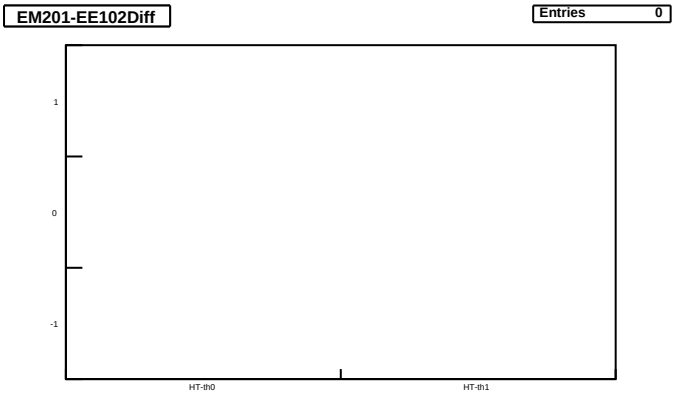

EM201-BC106
Entries 12393
1182 232 12 2 44
195 1145 1365 1375 1377 1377 1377 1377 1333
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC

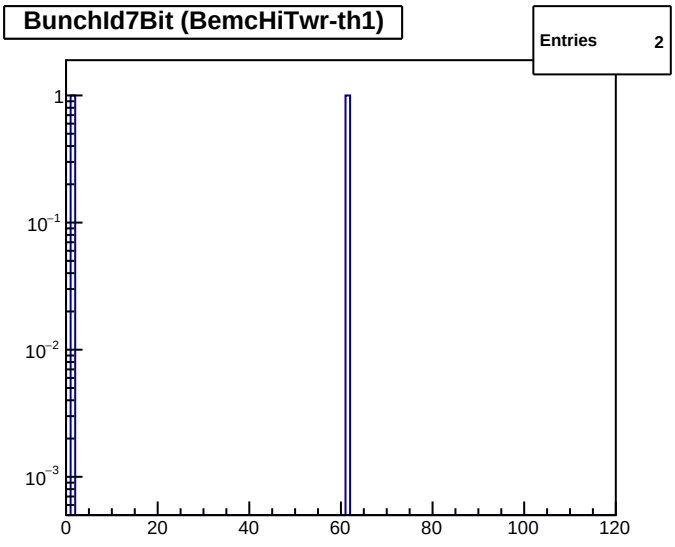

EM201-BC106Diff
Entries 1380
1141 194 8 1
15 18 3
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC

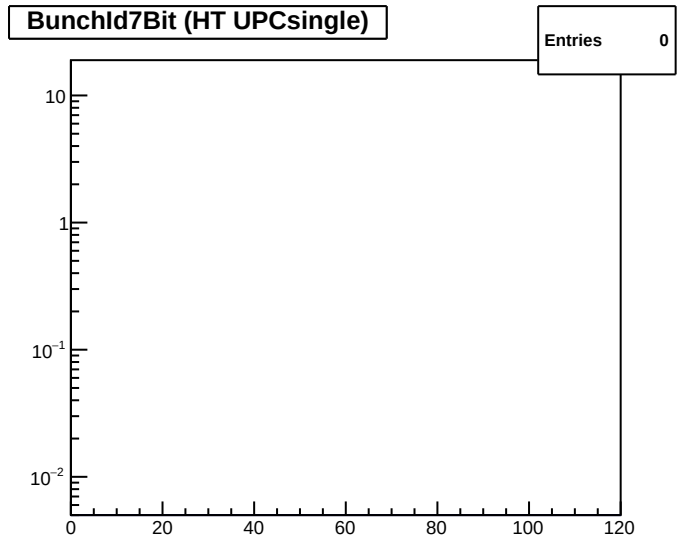

EM201-EE101
Entries 2754
1377 1377
HT-th0 HT-th1

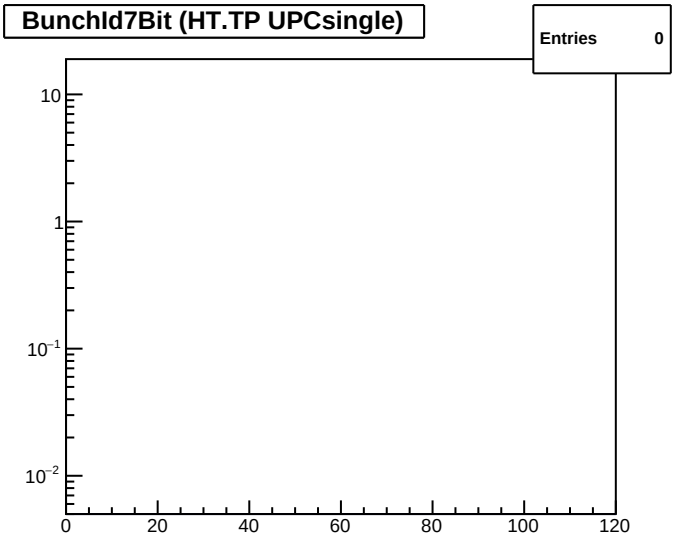

EM201-EE101Diff
Entries 0
HT-th0 HT-th1

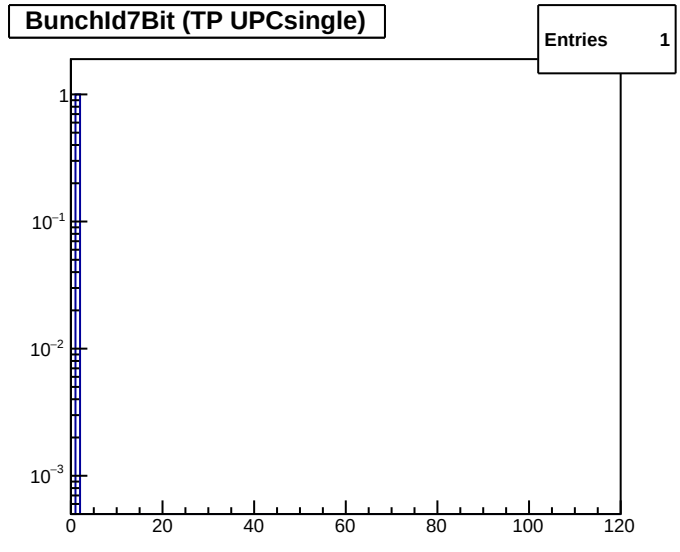

EM201-EE102
Entries 2754
1377 1377
HT-th0 HT-th1

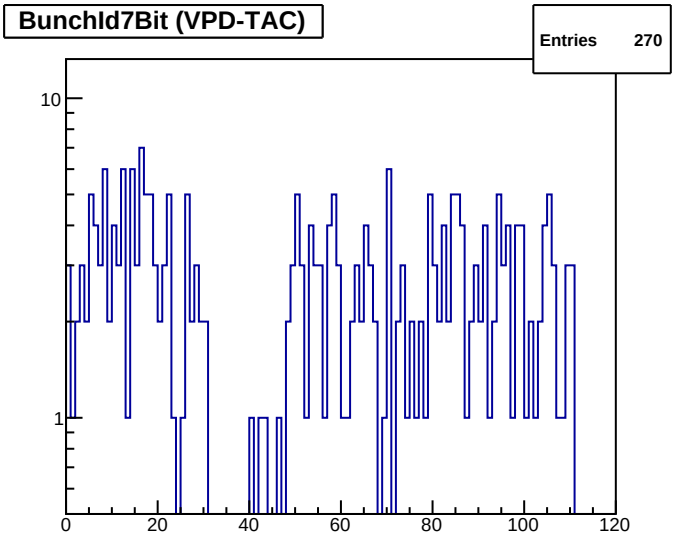

EM201-EE102Diff
Entries 0
HT-th0 HT-th1

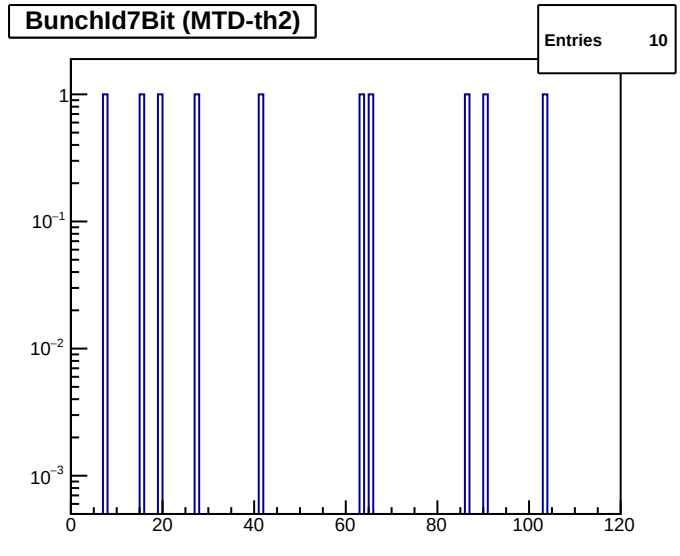

BunchId7Bit (BemcHiTwr-th1)
Entries 2

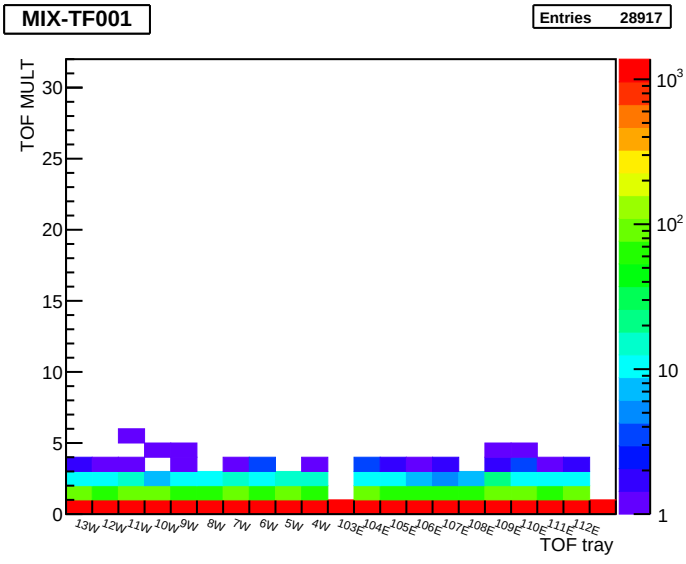

BunchId7Bit (HT UPCsingle)
Entries 0

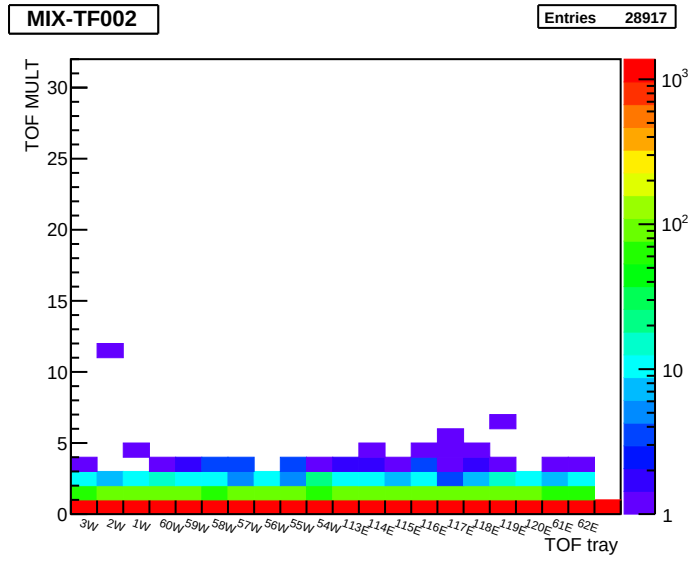

BunchId7Bit (HT.TP UPCsingle)
Entries 0

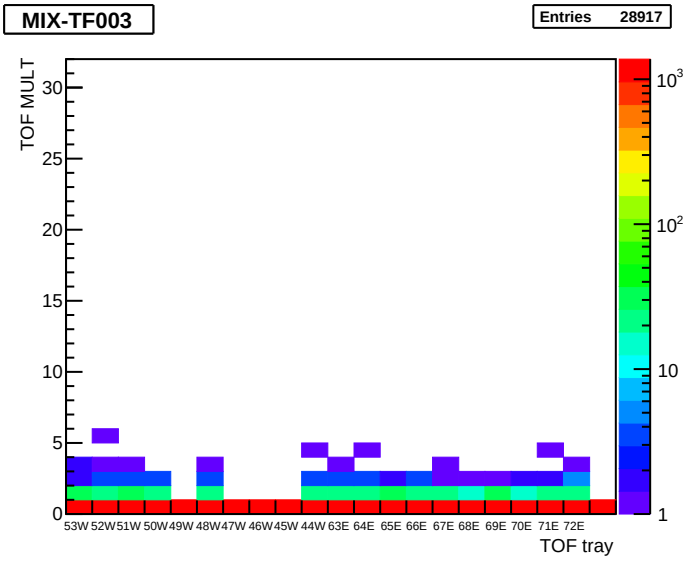

BunchId7Bit (TP UPCsingle)
Entries 1

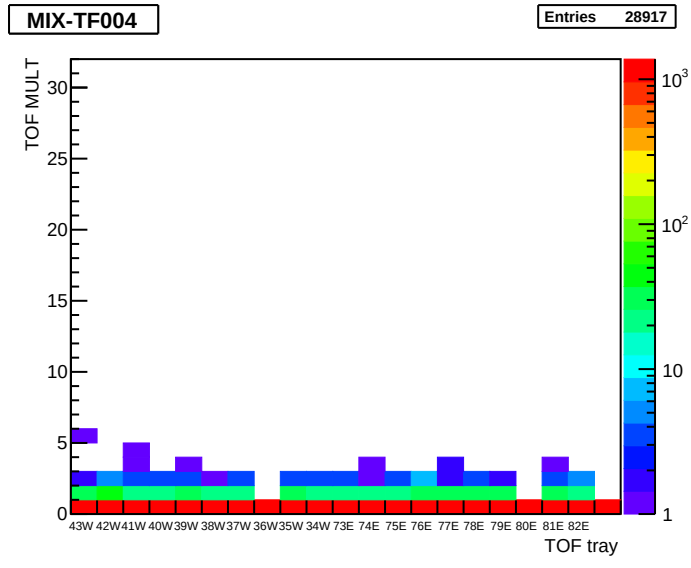

BunchId7Bit (VPD-TAC)
Entries 270

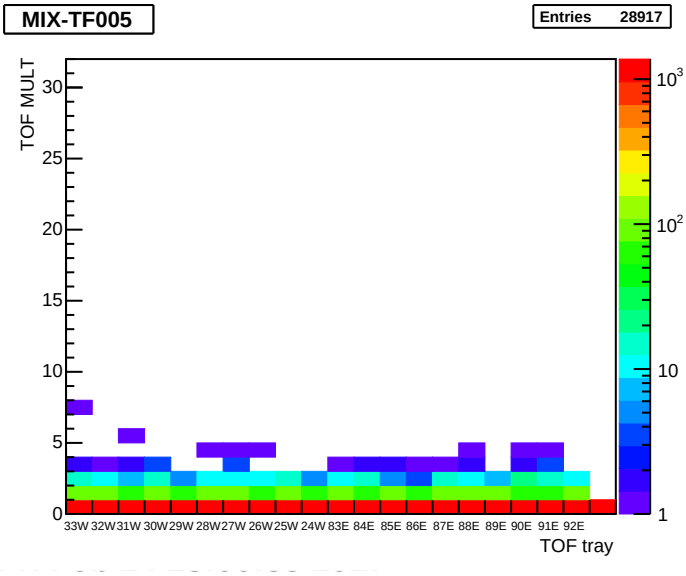

BunchId7Bit (MTD-th2)
Entries 10

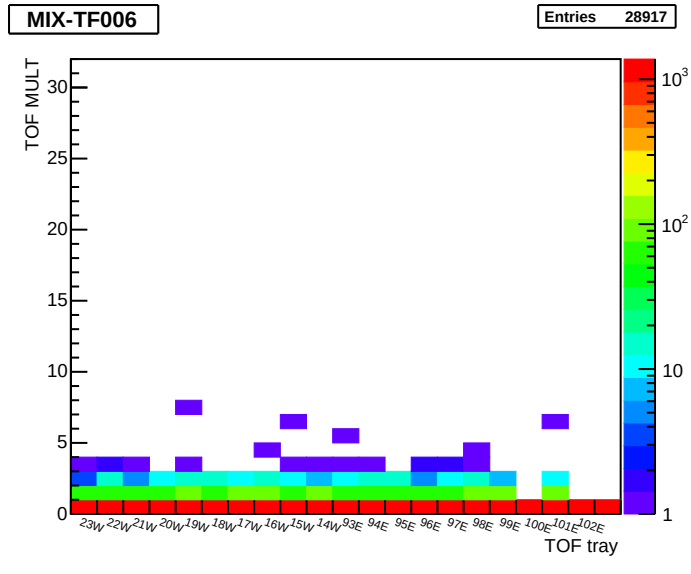

MIX-TF001
Entries 28917
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

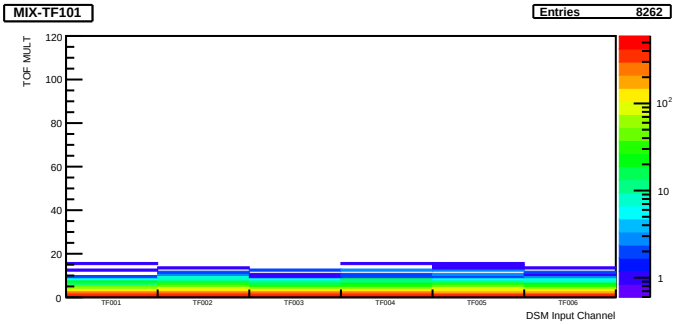

MIX-TF002
Entries 28917
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

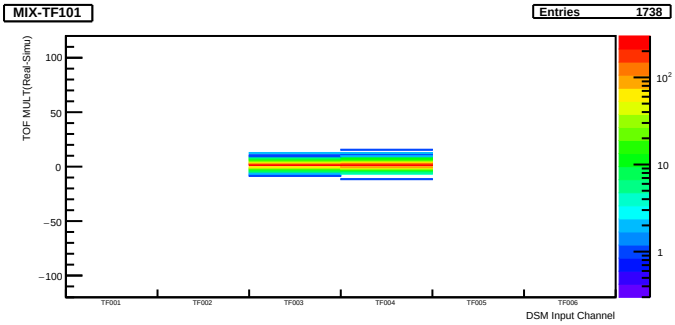

MIX-TF003
Entries 28917
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

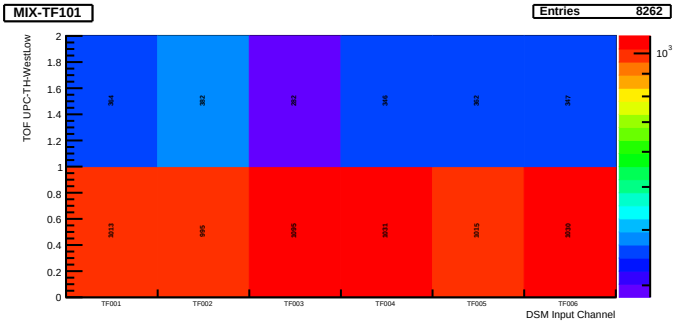

MIX-TF004
Entries 28917
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

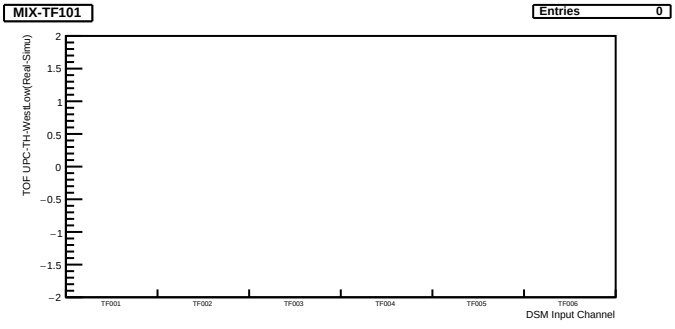

MIX-TF005
Entries 28917
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

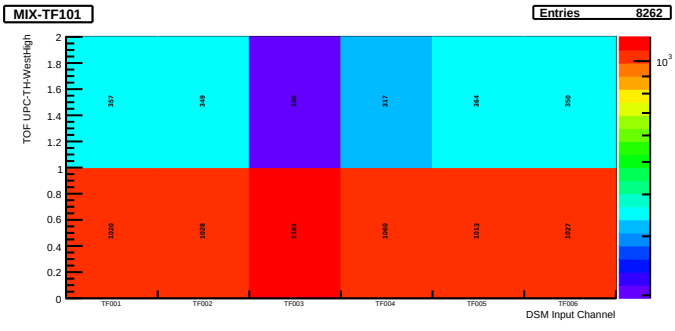

MIX-TF006
Entries 28917
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

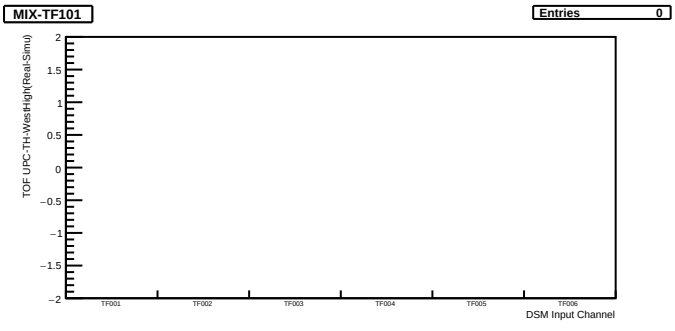

MIX-TF101
Entries 8262
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

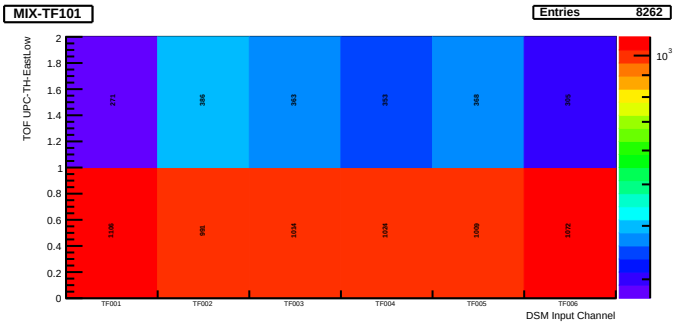

MIX-TF101
Entries 1738
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

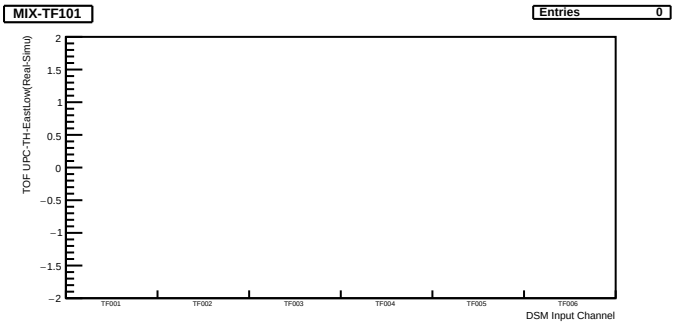

MIX-TF101
Entries 8262
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

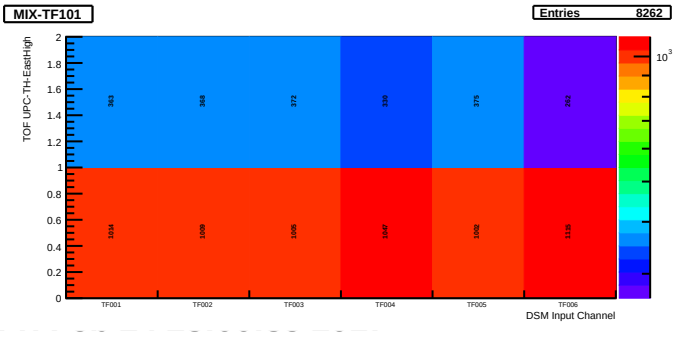

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

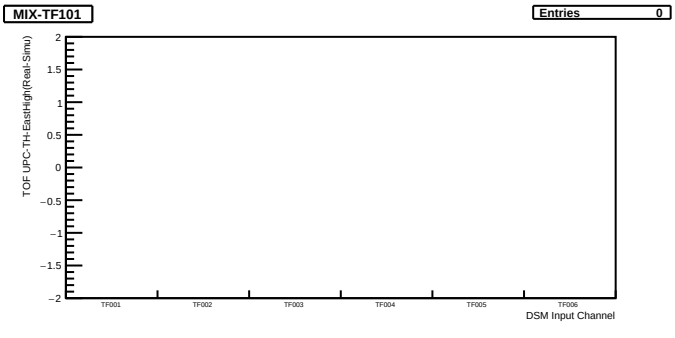

MIX-TF101
Entries 8262
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

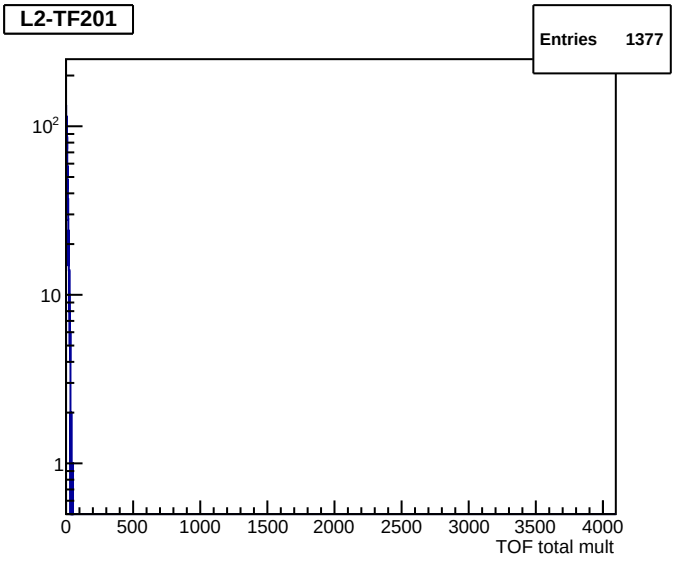

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

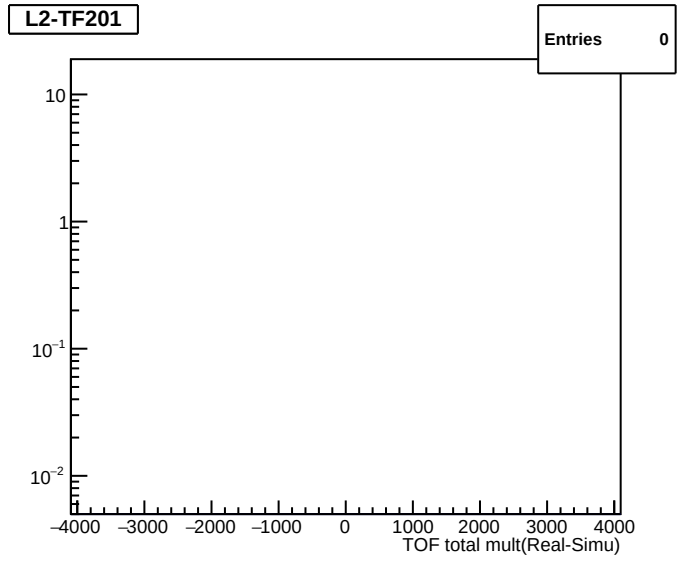

MIX-TF101
Entries 8262
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

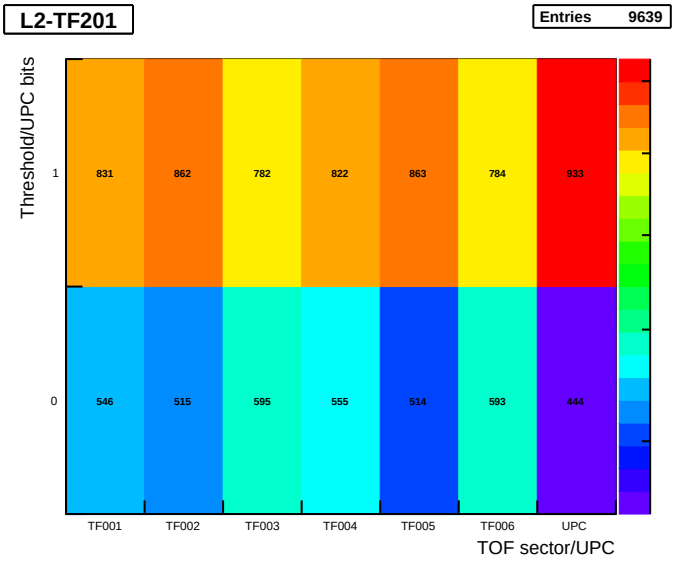

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

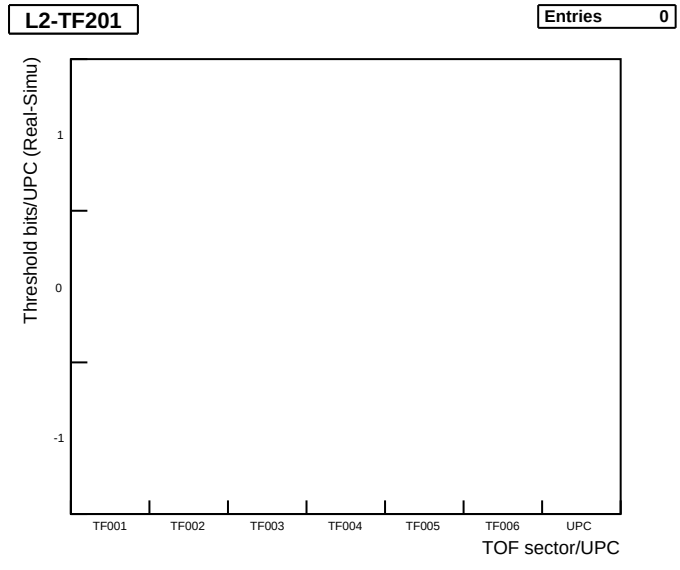

MIX-TF101
Entries 8262
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

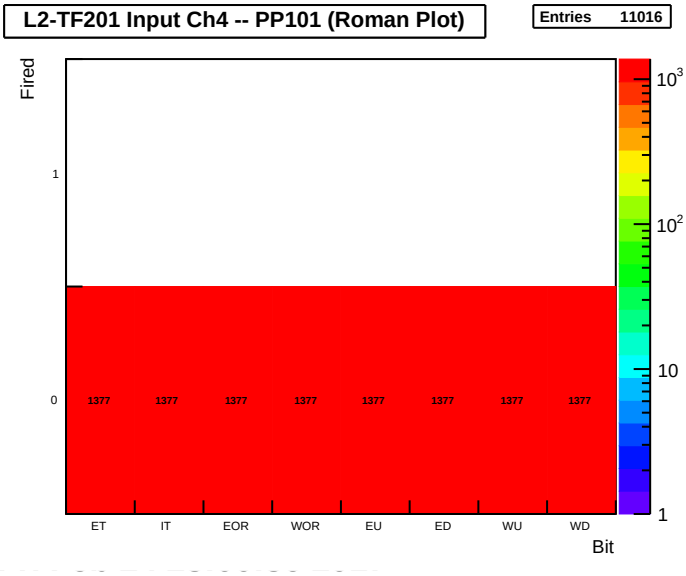

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

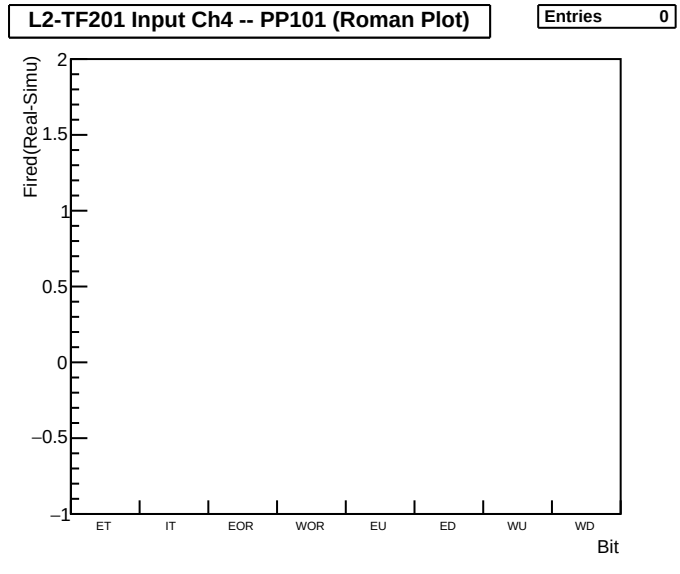

L2-TF201
Entries 1377
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000
TOF total mult

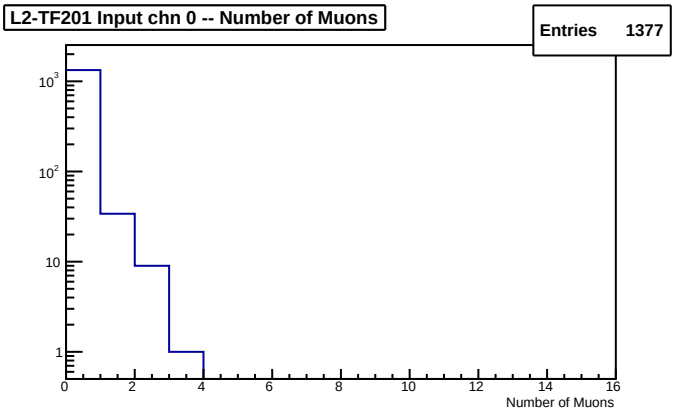

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
–4000 –3000 –2000 –1000 0 1000 2000 3000 4000
TOF total mult(Real-Simu)

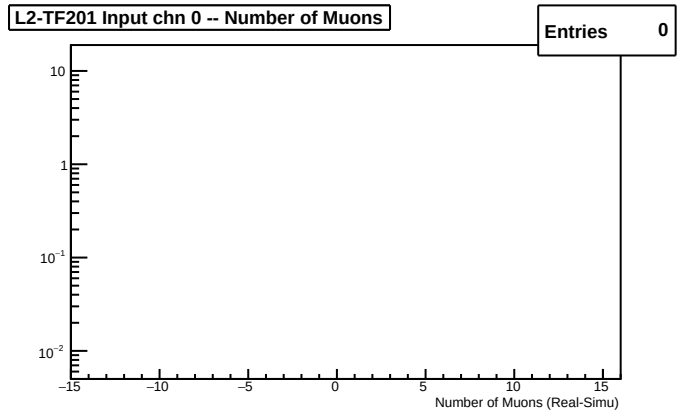

L2-TF201
Entries 9639
Threshold/UPC bits
1
0
831 862 782 822 863 784 933
546 515 595 555 514 593 444
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

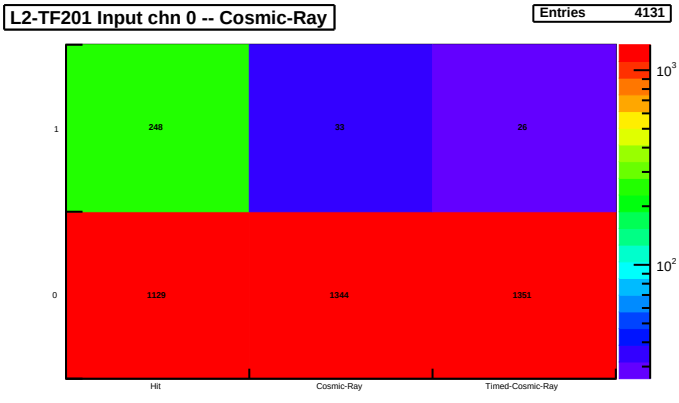

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

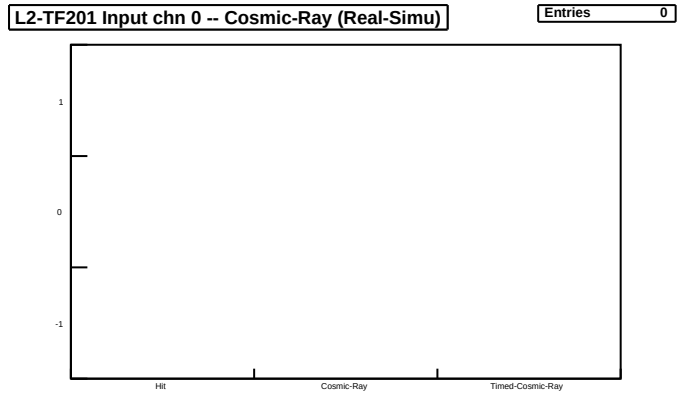

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 11016
Fired
1
0
1377 1377 1377 1377 1377 1377 1377 1377
ET IT EOR WOR EU ED WU WD
Bit
10^3
10^2
10
1

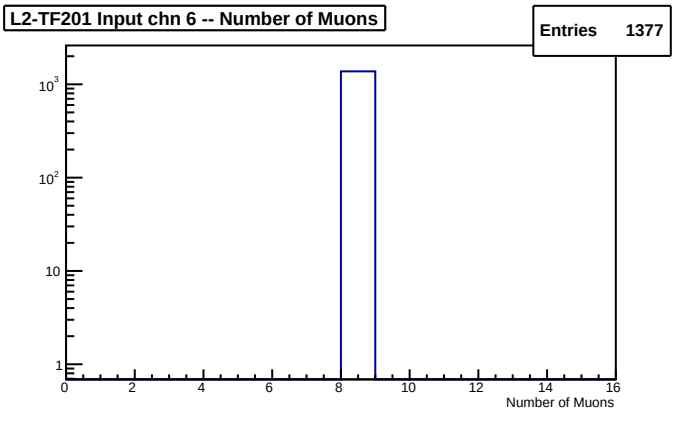

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
2
1.5
1
0.5
0
–0.5
–1
ET IT EOR WOR EU ED WU WD
Bit

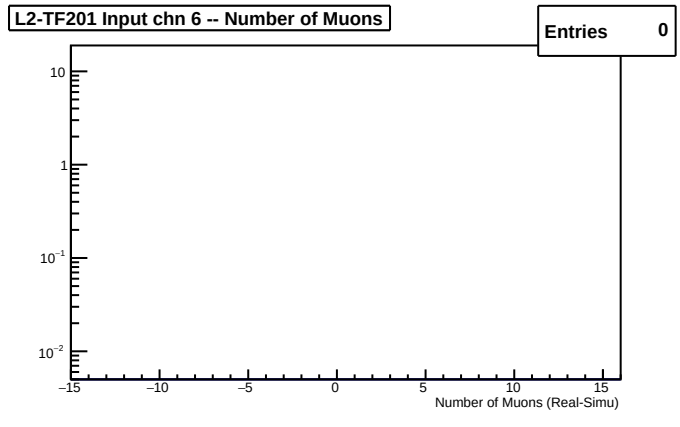

L2-TF201 Input chn 0 -- Number of Muons
Entries 1377
Number of Muons

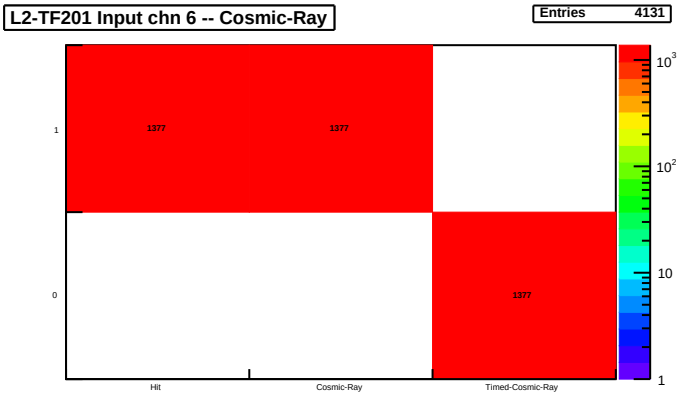

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

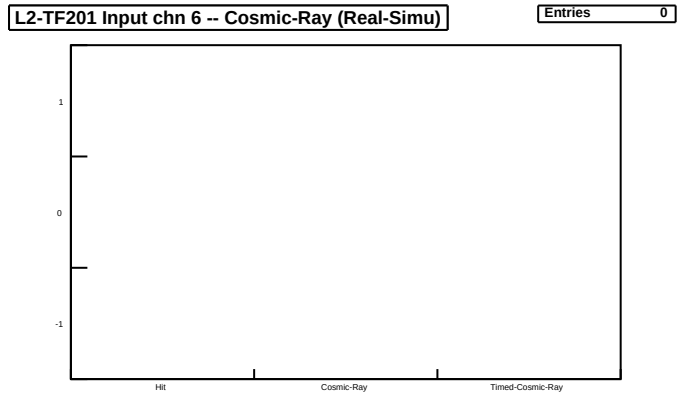

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 4131
248
33
26
1129
1344
1351
Hit
Cosmic-Ray
Timed-Cosmic-Ray

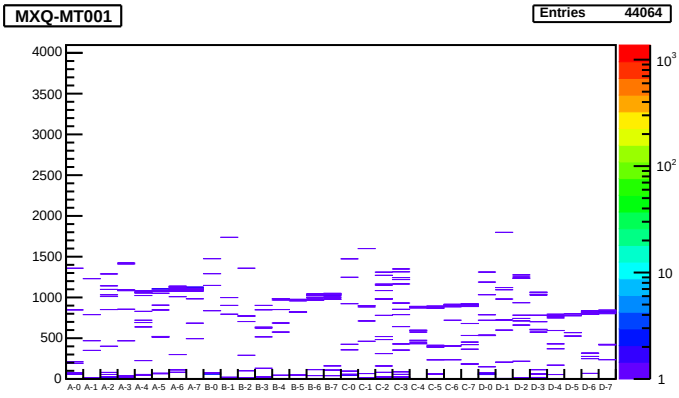

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

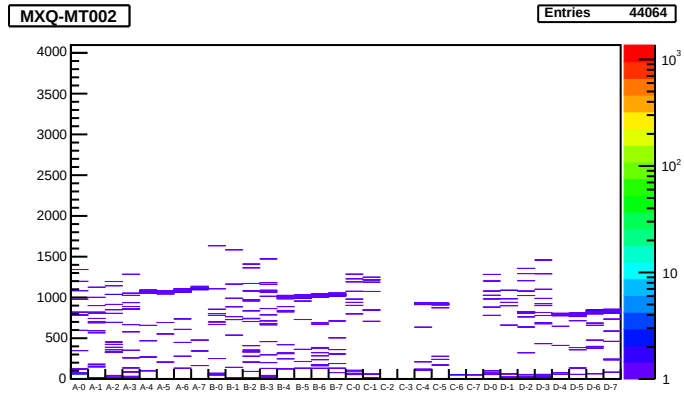

L2-TF201 Input chn 6 -- Number of Muons
Entries 1377
Number of Muons

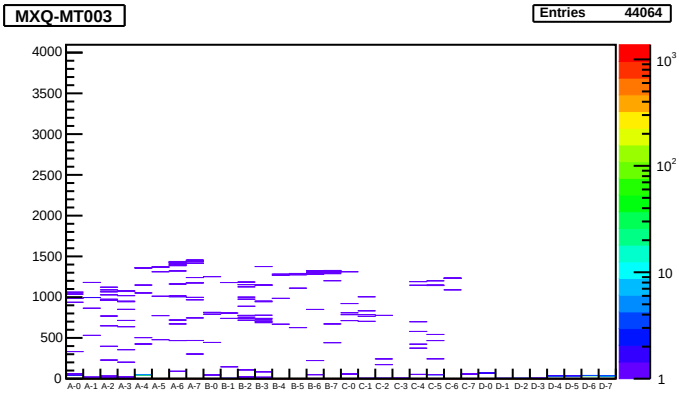

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

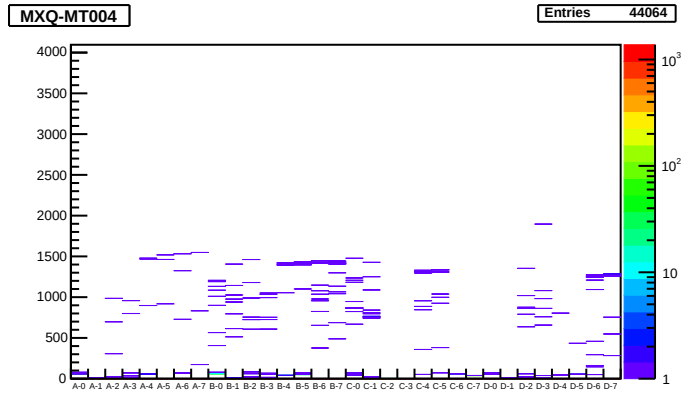

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 4131
1377
1377
1377
Hit
Cosmic-Ray
Timed-Cosmic-Ray

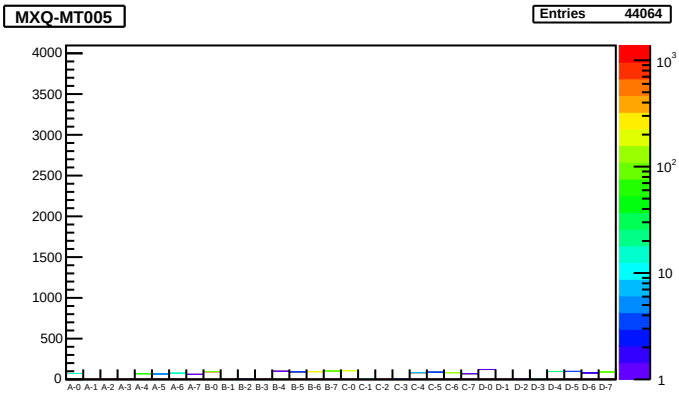

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

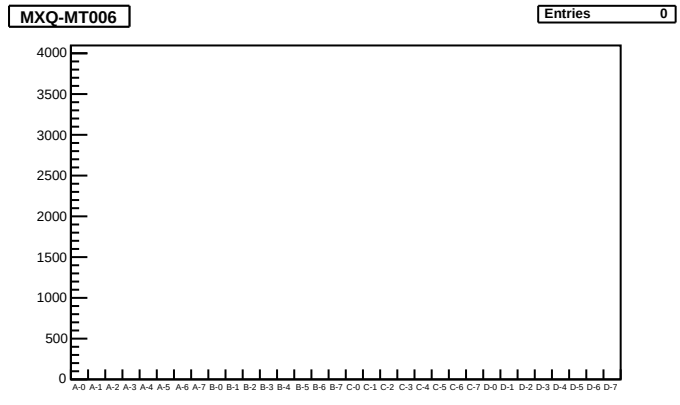

MXQ-MT001
Entries 44064

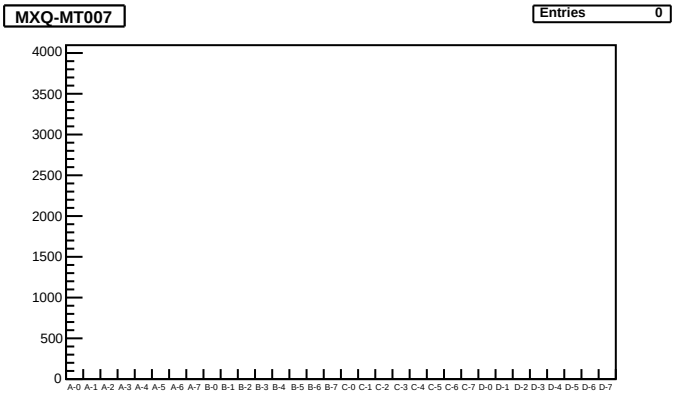

MXQ-MT002
Entries 44064

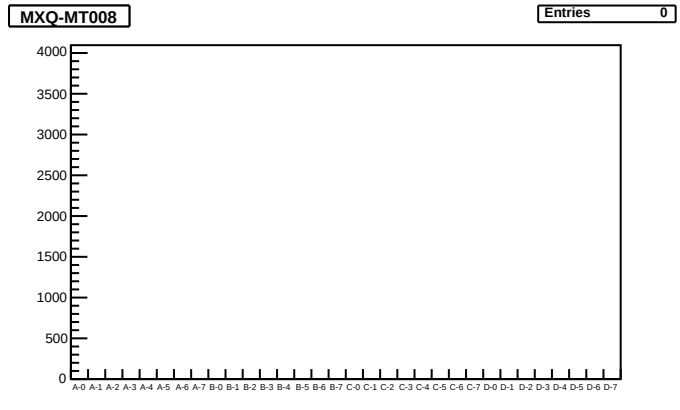

MXQ-MT003
Entries 44064

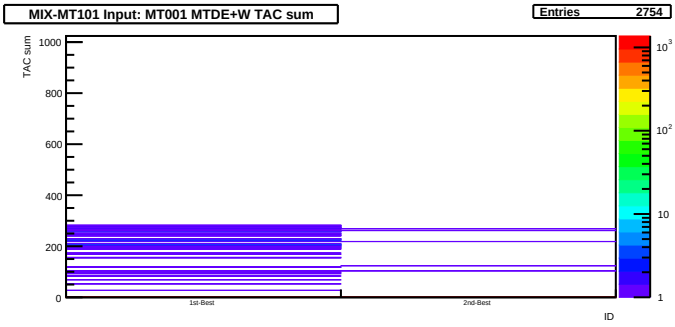

MXQ-MT004
Entries 44064

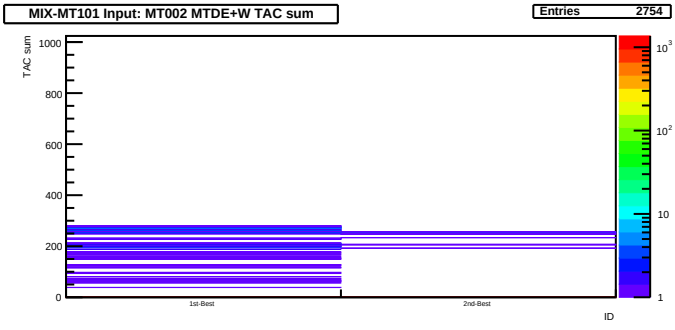

MXQ-MT005
Entries 44064

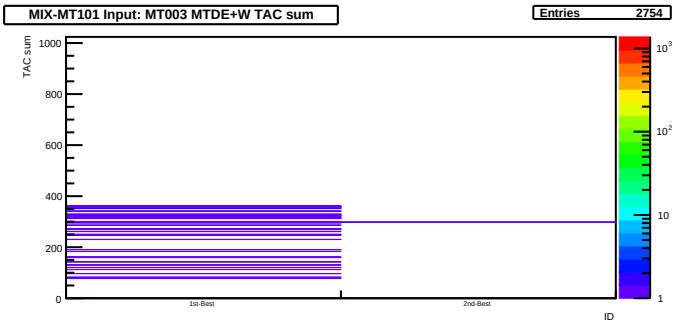

MXQ-MT006
Entries 0

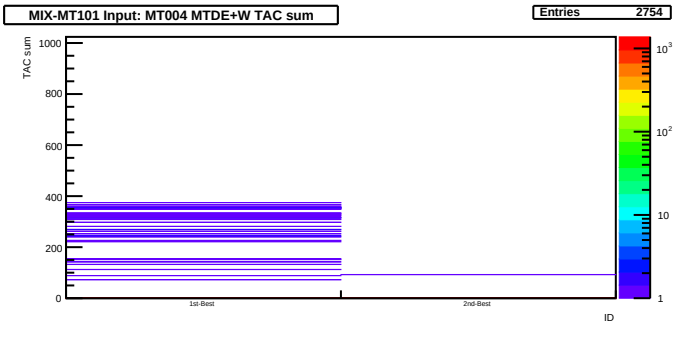

MXQ-MT007
Entries 0

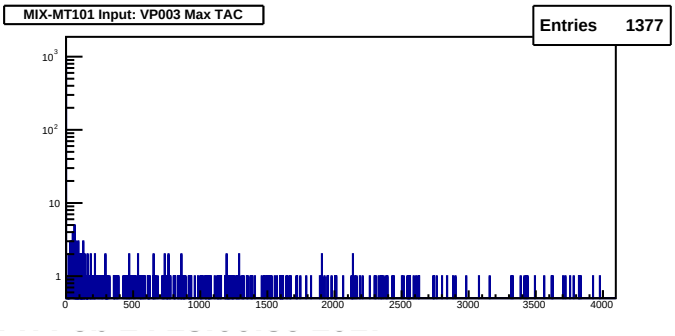

MXQ-MT008
Entries 0

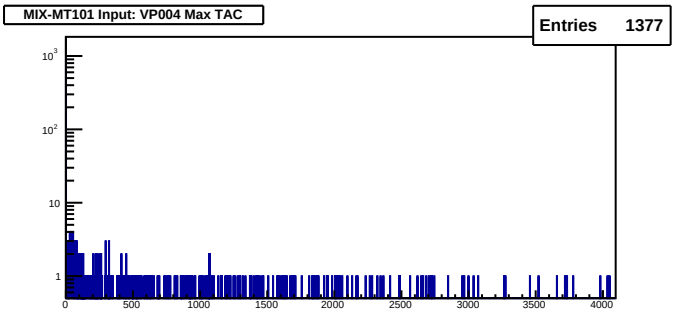

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 2754
TAC sum
1st-Best
2nd-Best
ID

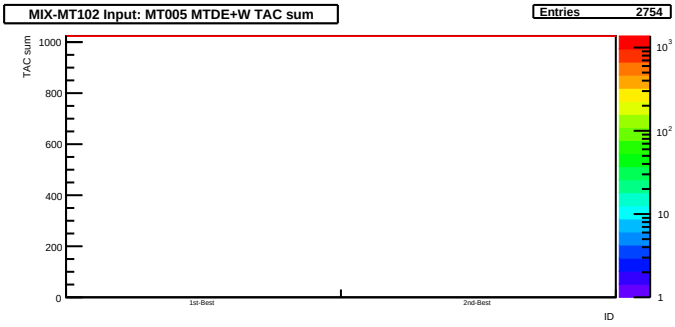

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 2754
TAC sum
1st-Best
2nd-Best
ID

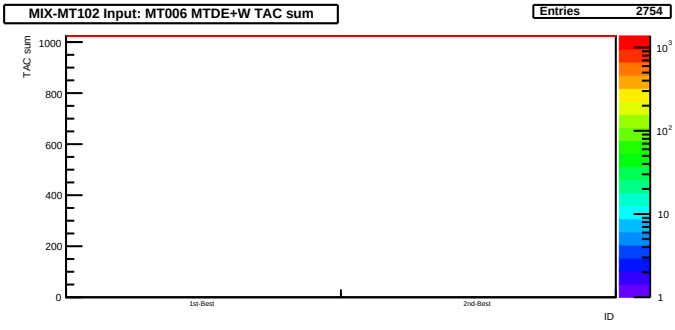

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 2754
TAC sum
1st-Best
2nd-Best
ID

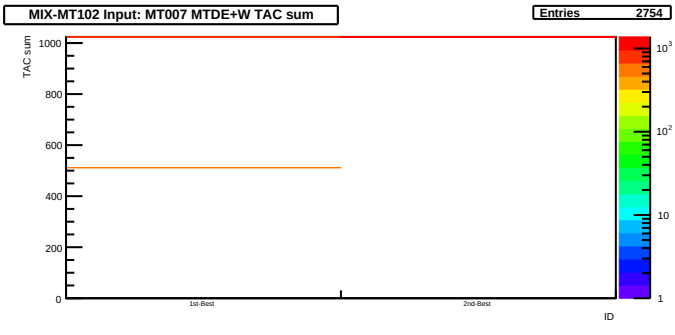

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 2754
TAC sum
1st-Best
2nd-Best
ID

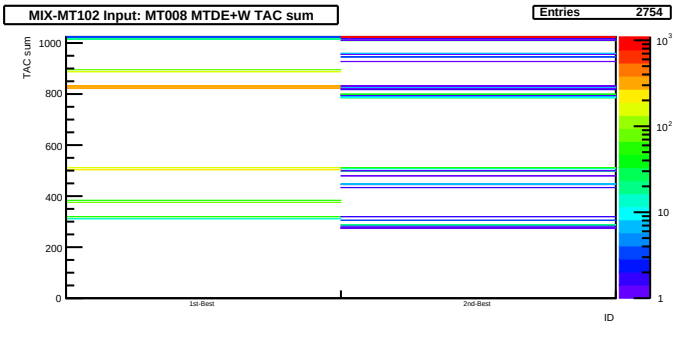

MIX-MT101 Input: VP003 Max TAC
Entries 1377

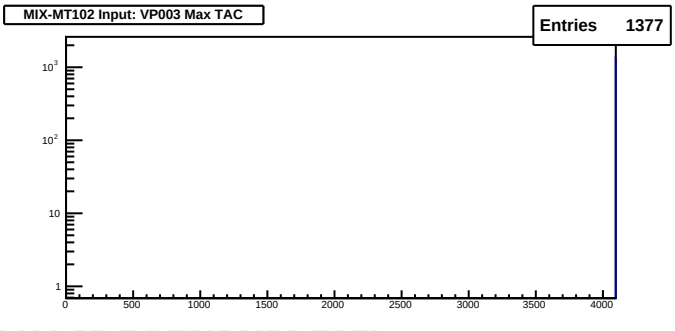

MIX-MT101 Input: VP004 Max TAC
Entries 1377

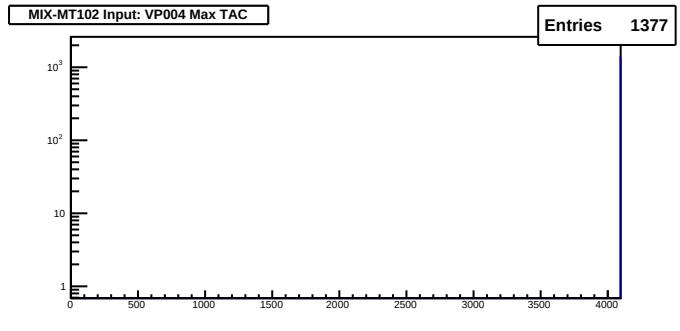

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 2754
TAC sum
1st-Best
2nd-Best
ID

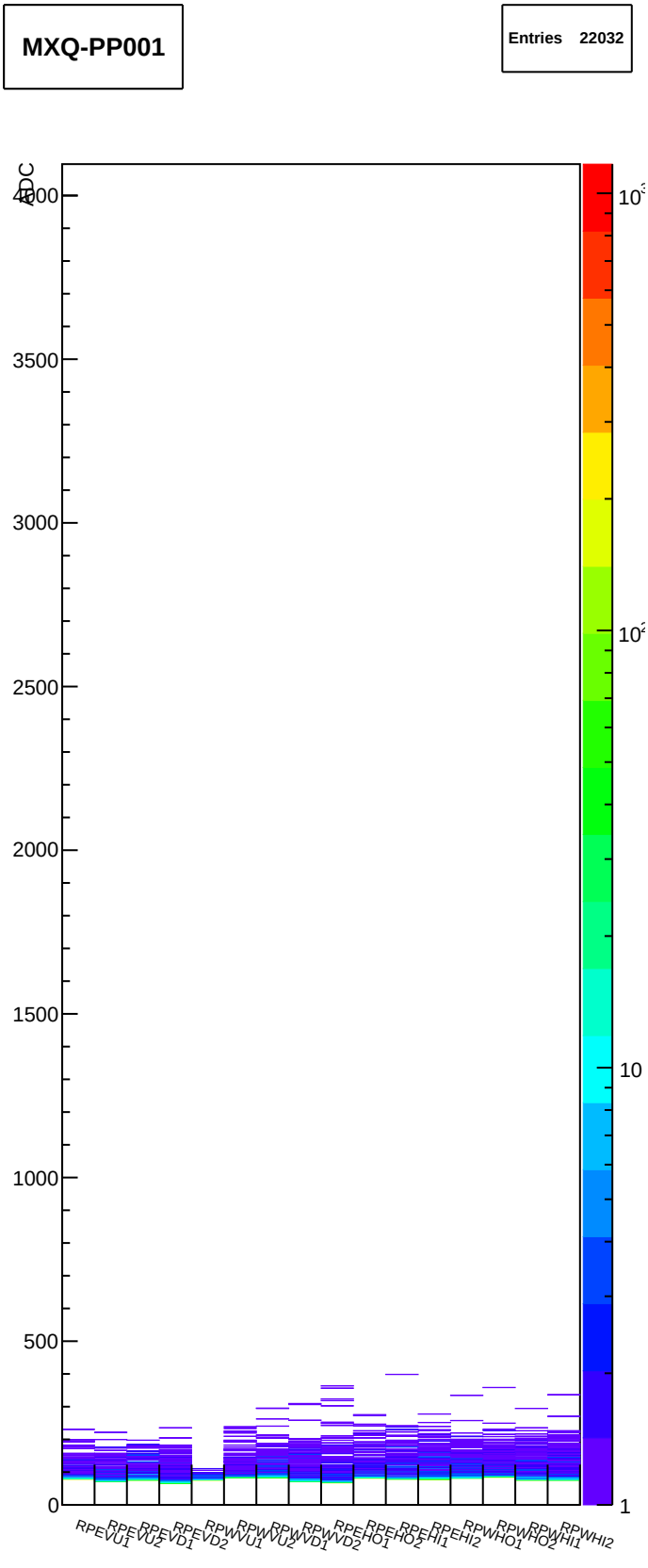

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 2754
TAC sum
1st-Best
2nd-Best
ID

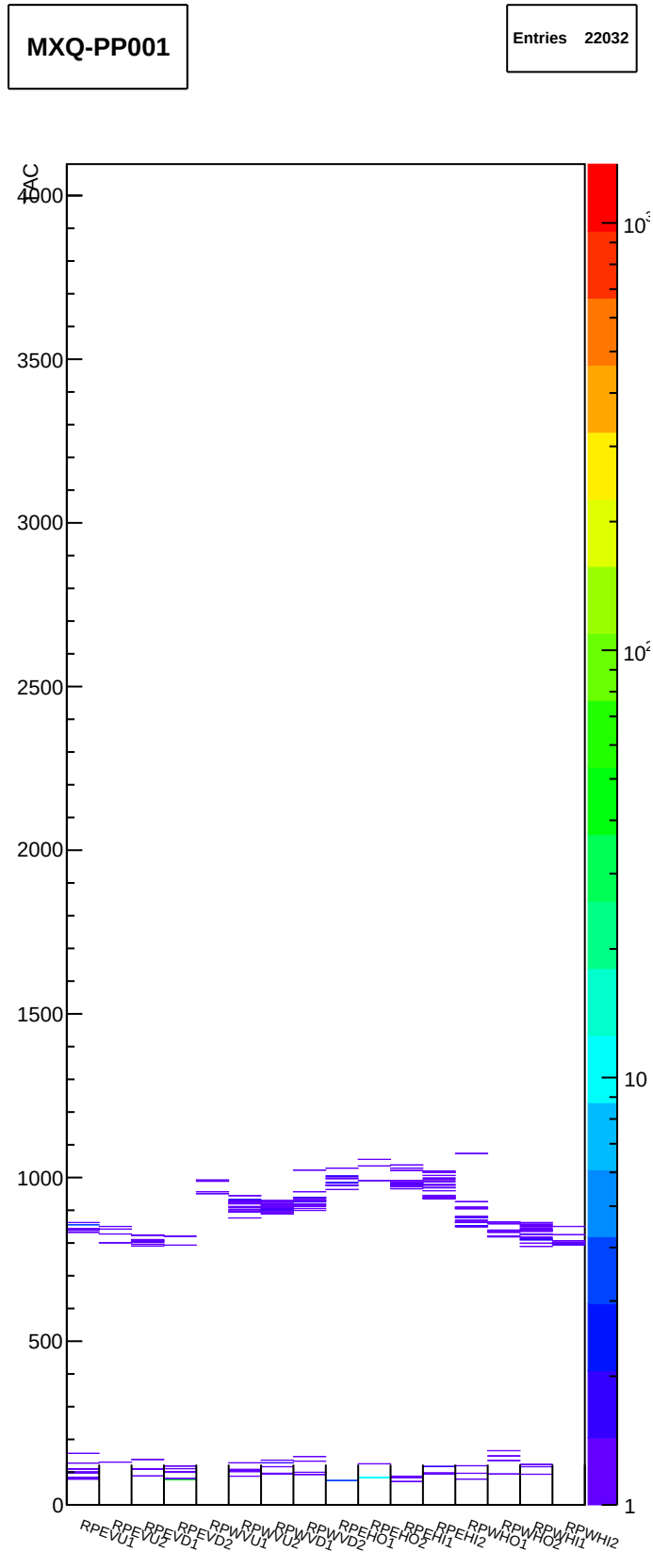

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 2754
TAC sum
1st-Best
2nd-Best
ID

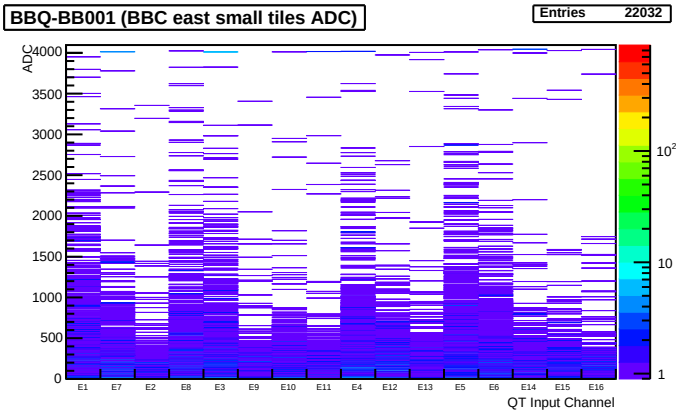

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 2754
TAC sum
1st-Best
2nd-Best
ID

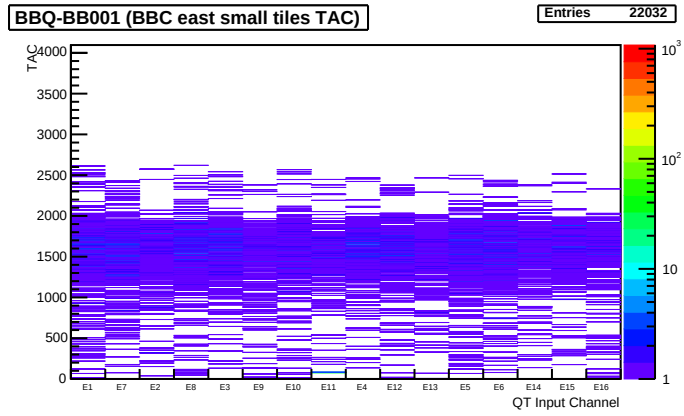

MIX-MT102 Input: VP003 Max TAC
Entries 1377

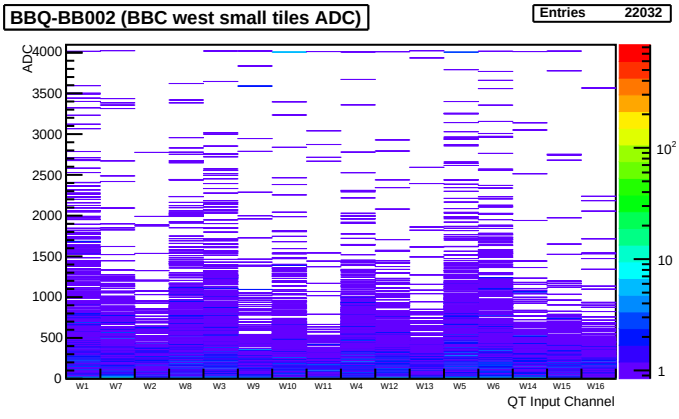

MIX-MT102 Input: VP004 Max TAC
Entries 1377

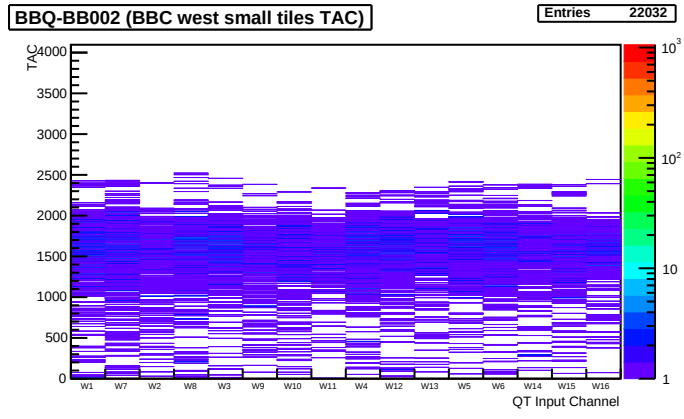

MXQ-PP001
Entries 22032
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

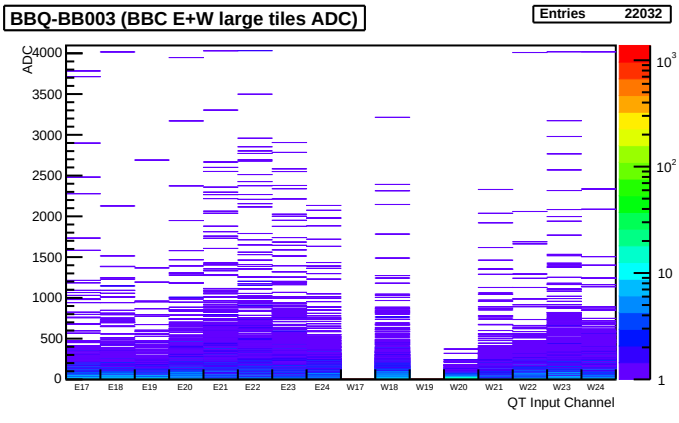

MXQ-PP001
Entries 22032
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

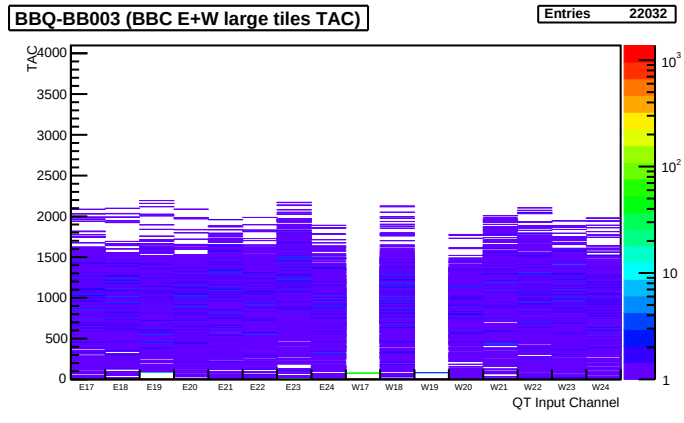

BBQ-BB001 (BBC east small tiles ADC)
Entries 22032
ADC
QT Input Channel

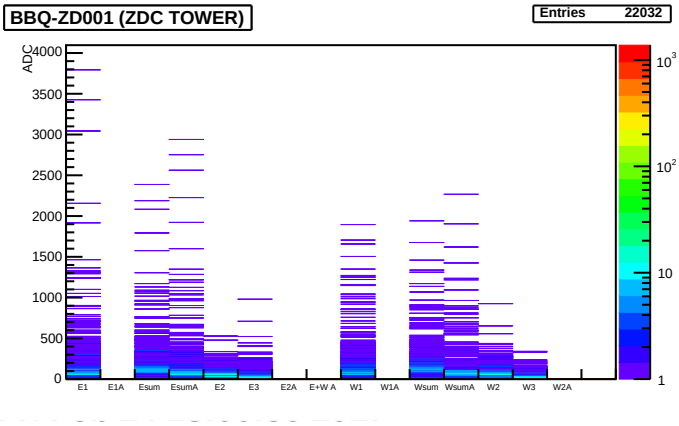

BBQ-BB001 (BBC east small tiles TAC)
Entries 22032
TAC
QT Input Channel

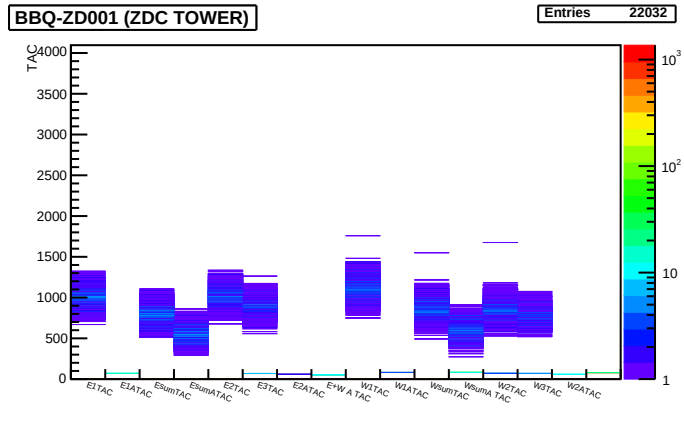

BBQ-BB002 (BBC west small tiles ADC)
Entries 22032
ADC
QT Input Channel

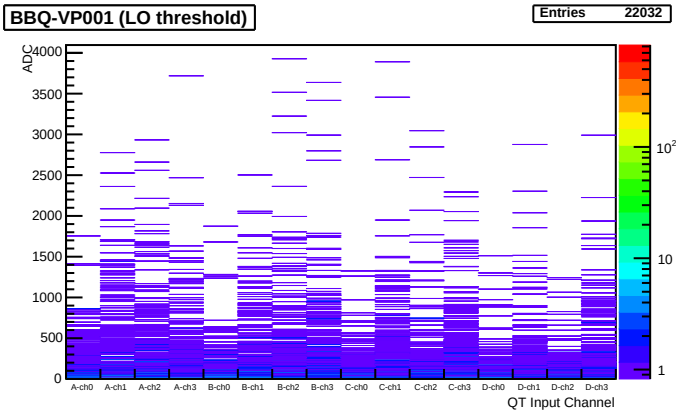

BBQ-BB002 (BBC west small tiles TAC)
Entries 22032
TAC
QT Input Channel

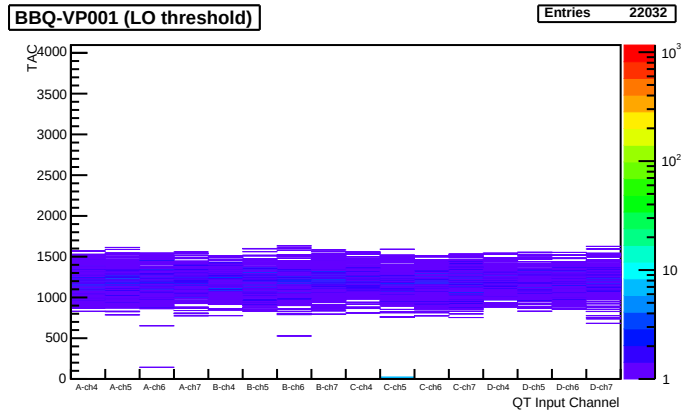

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 22032
ADC
QT Input Channel

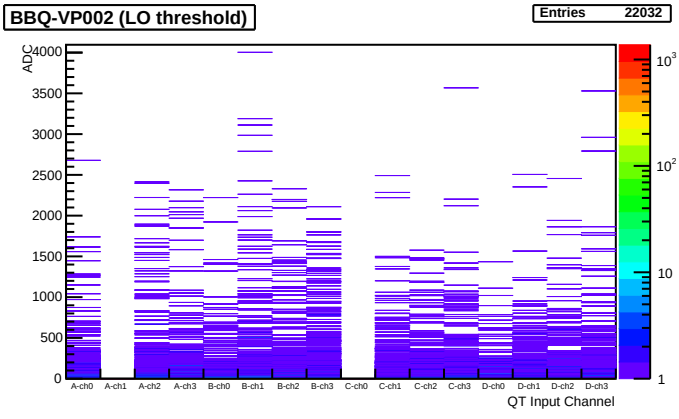

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 22032
TAC
QT Input Channel

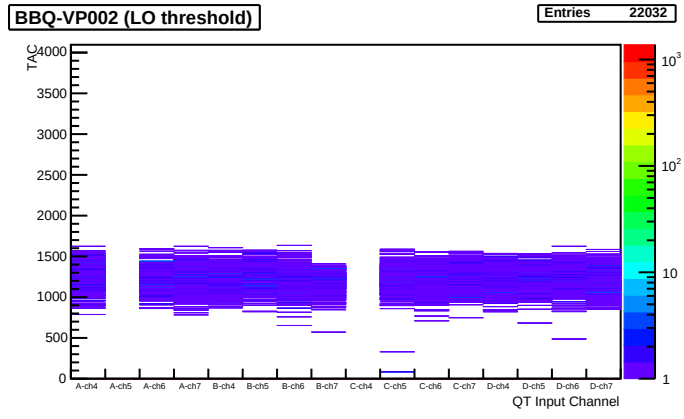

BBQ-ZD001 (ZDC TOWER)
Entries 22032
ADC

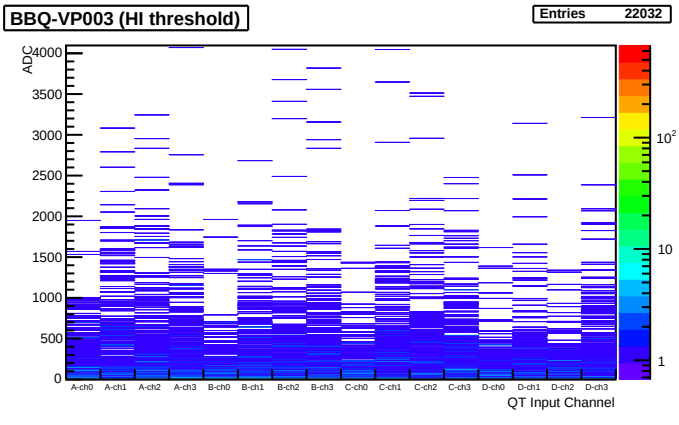

BBQ-ZD001 (ZDC TOWER)
Entries 22032
TAC

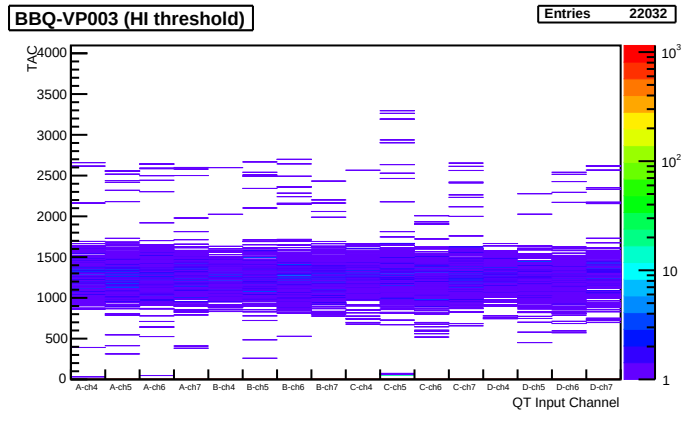

BBQ-VP001 (LO threshold)
Entries 22032
ADC
QT Input Channel

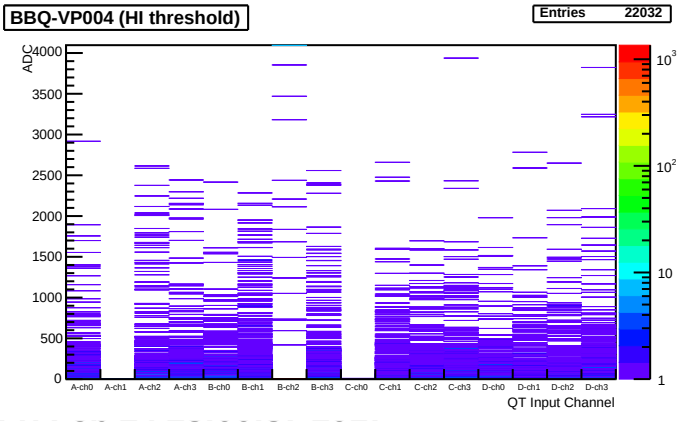

BBQ-VP001 (LO threshold)
Entries 22032
TAC
QT Input Channel

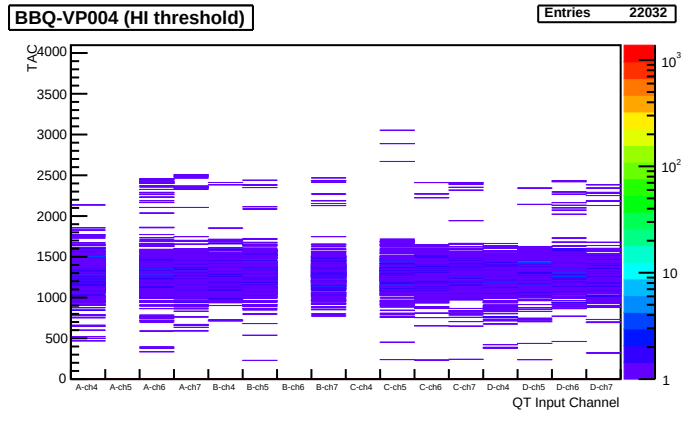

BBQ-VP002 (LO threshold)
Entries 22032
ADC
QT Input Channel

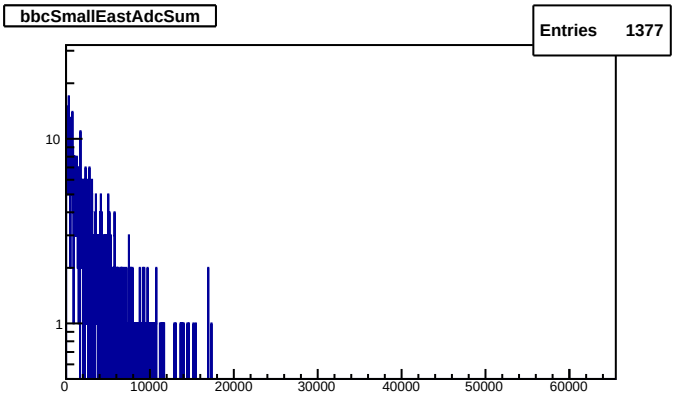

BBQ-VP002 (LO threshold)
Entries 22032
TAC
QT Input Channel

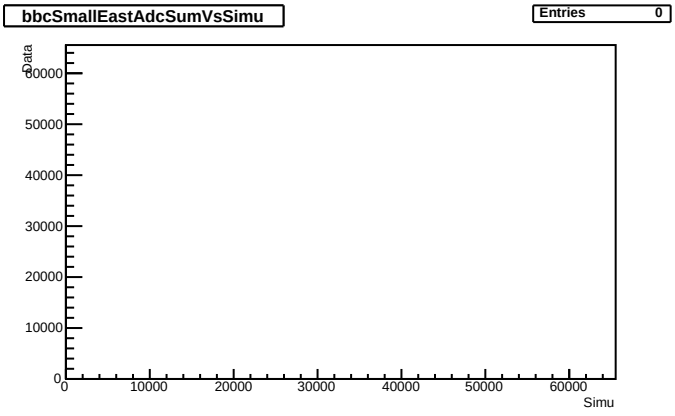

BBQ-VP003 (HI threshold)
Entries 22032
ADC
QT Input Channel

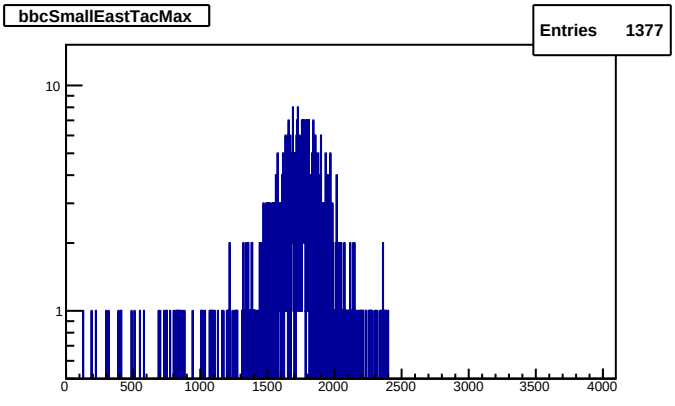

BBQ-VP003 (HI threshold)
Entries 22032
TAC
QT Input Channel

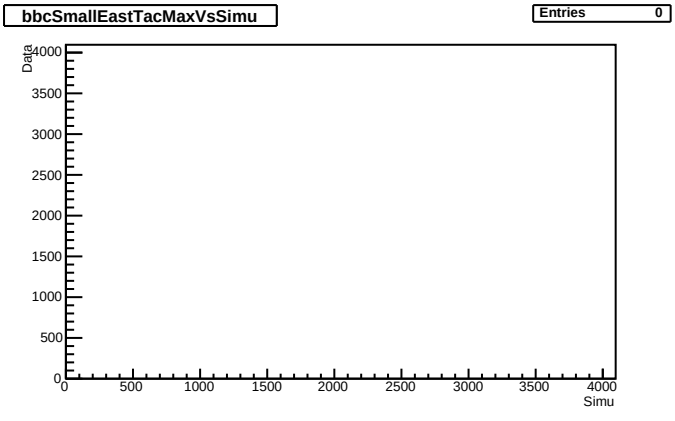

BBQ-VP004 (HI threshold)
Entries 22032
ADC
QT Input Channel

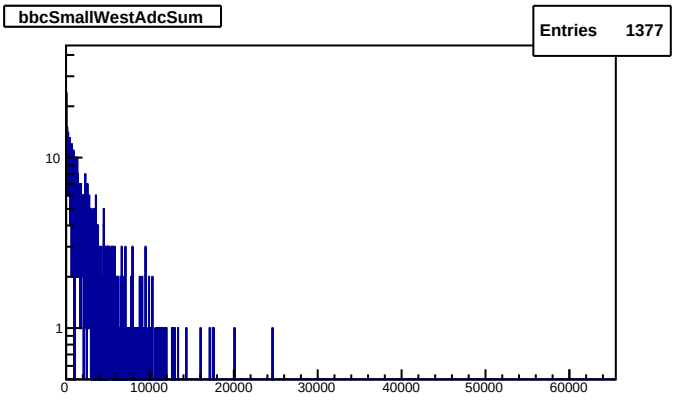

BBQ-VP004 (HI threshold)
Entries 22032
TAC
QT Input Channel

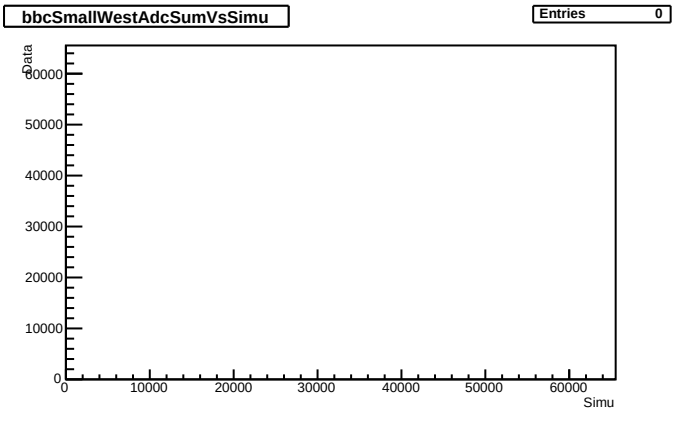

bbcSmallEastAdcSum
Entries 1377
10
1
0
10000
20000
30000
40000
50000
60000

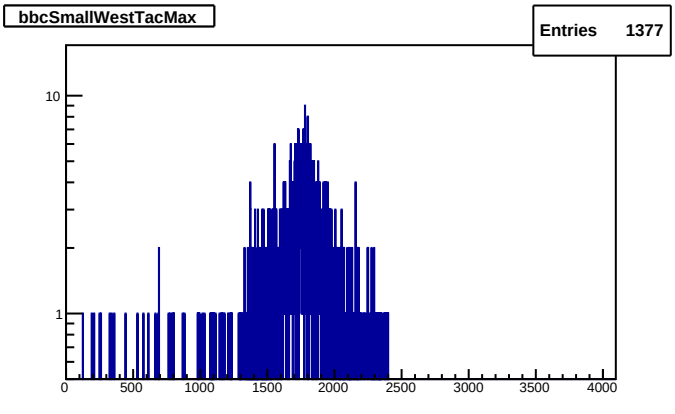

bbcSmallEastAdcSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0
10000
20000
30000
40000
50000
60000
Simu

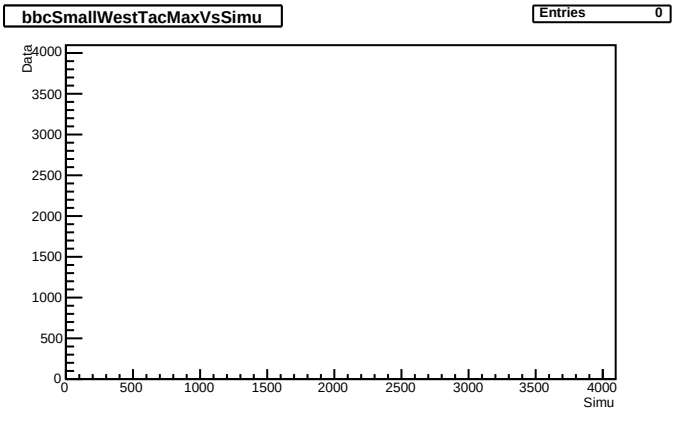

bbcSmallEastTacMax
Entries 1377
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

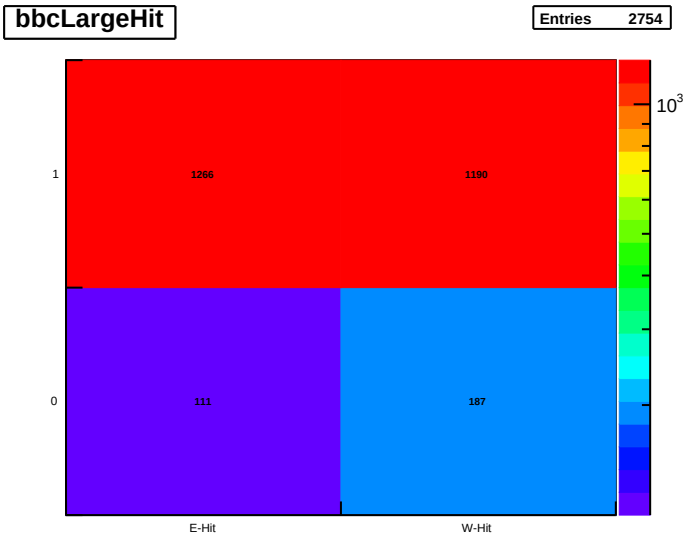

bbcSmallEastTacMaxVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0
500
1000
1500
2000
2500
3000
3500
4000
Simu

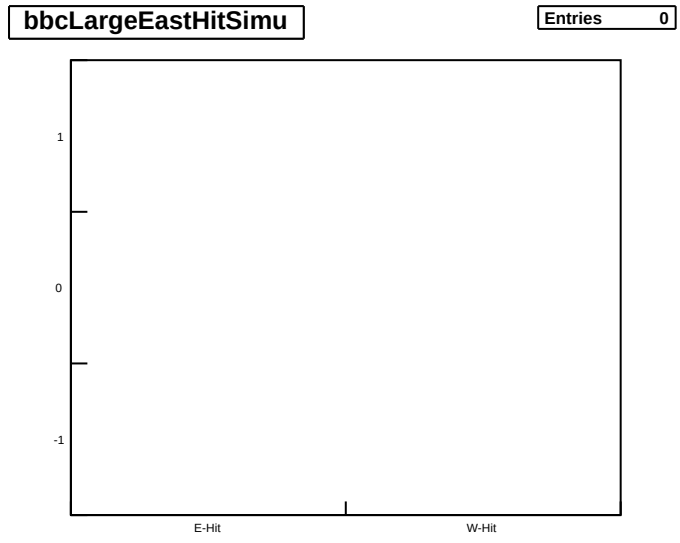

bbcSmallWestAdcSum
Entries 1377
10
1
0
10000
20000
30000
40000
50000
60000

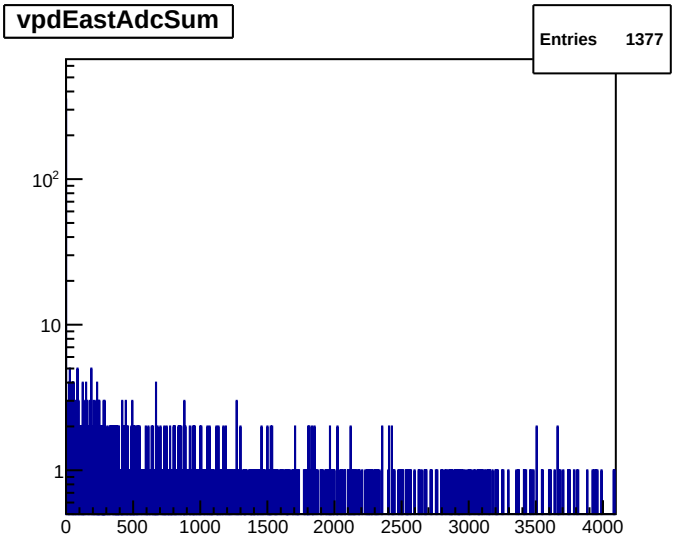

bbcSmallWestAdcSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0
10000
20000
30000
40000
50000
60000
Simu

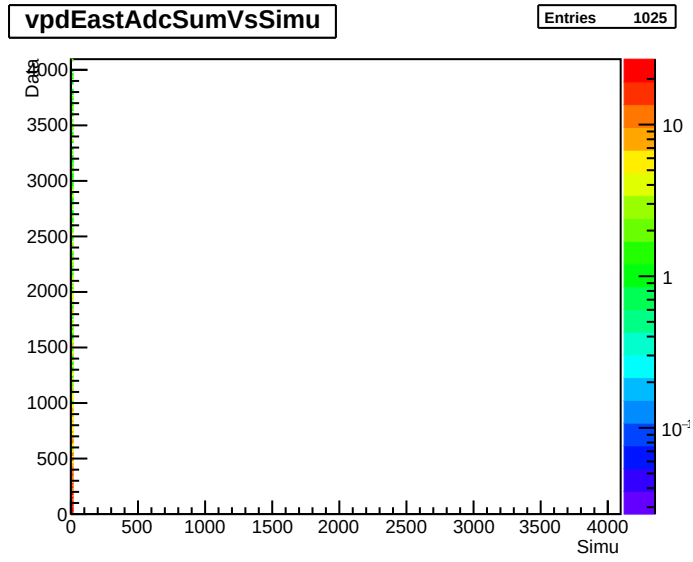

bbcSmallWestTacMax
Entries 1377
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

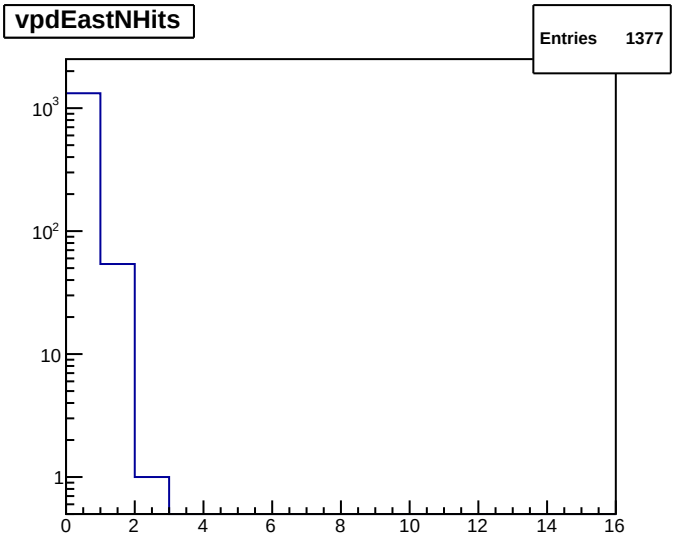

bbcSmallWestTacMaxVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0
500
1000
1500
2000
2500
3000
3500
4000
Simu

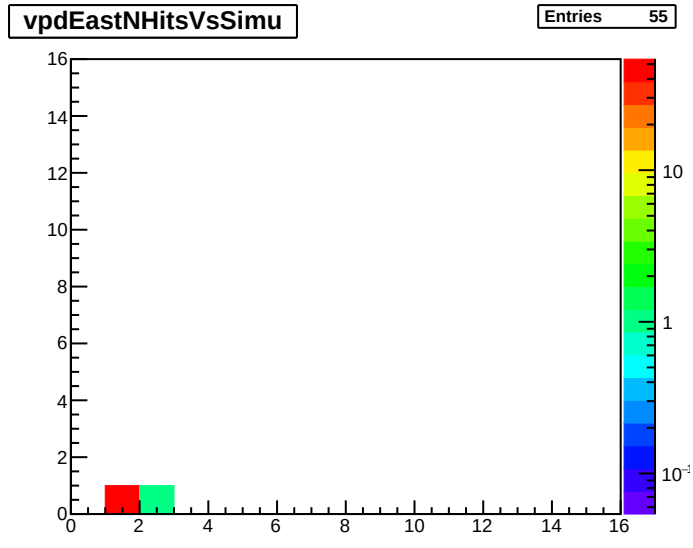

bbcLargeHit
Entries 2754
1266
1190
111
187
1
0
E-Hit
W-Hit
10^3

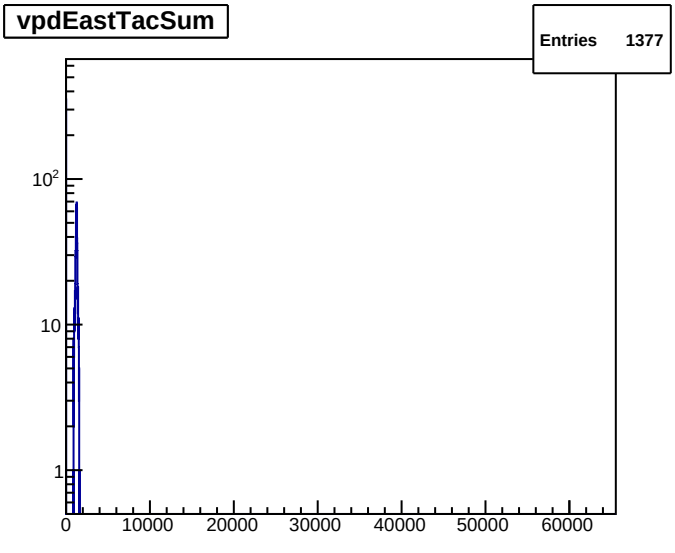

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

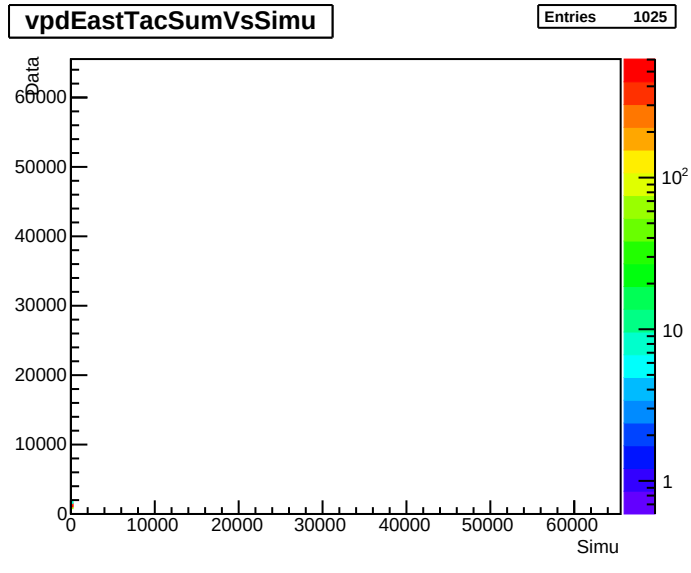

vpdEastAdcSum
Entries 1377

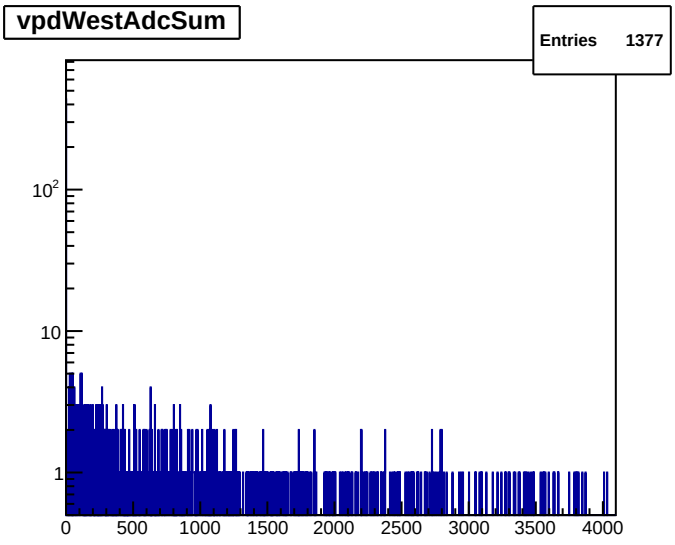

vpdEastAdcSumVsSimu
Entries 1025
Data
Simu

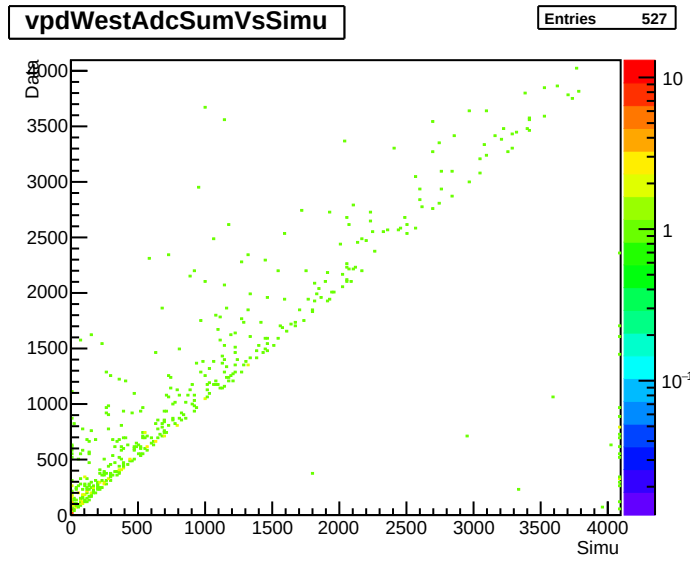

vpdEastNHits
Entries 1377

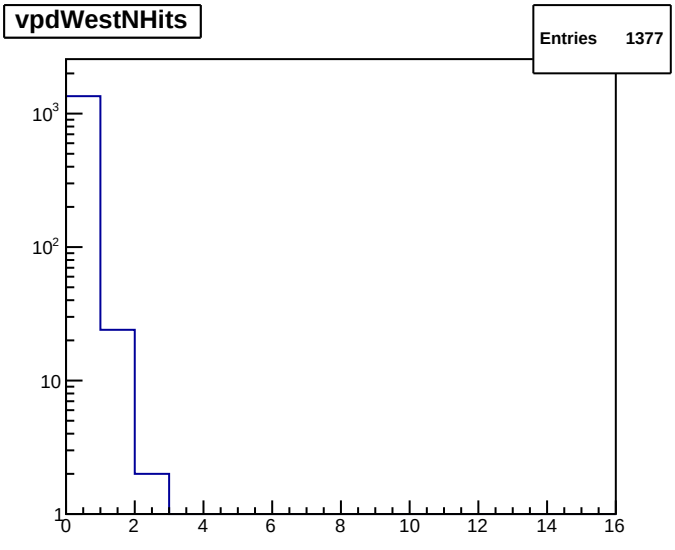

vpdEastNHitsVsSimu
Entries 55

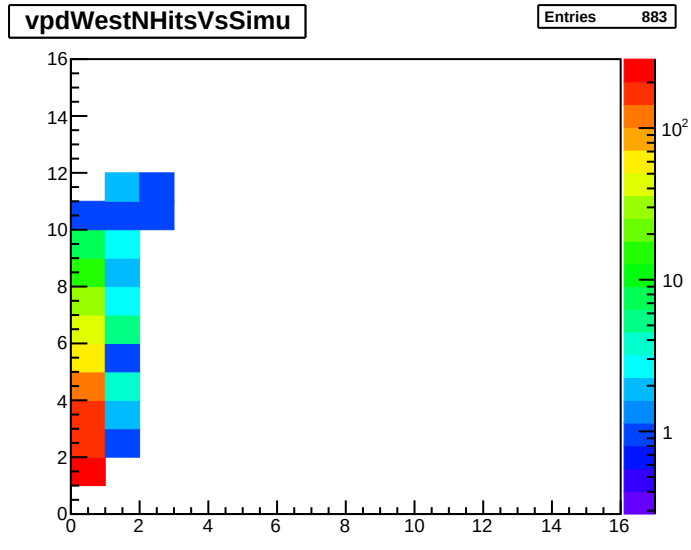

vpdEastTacSum
Entries 1377

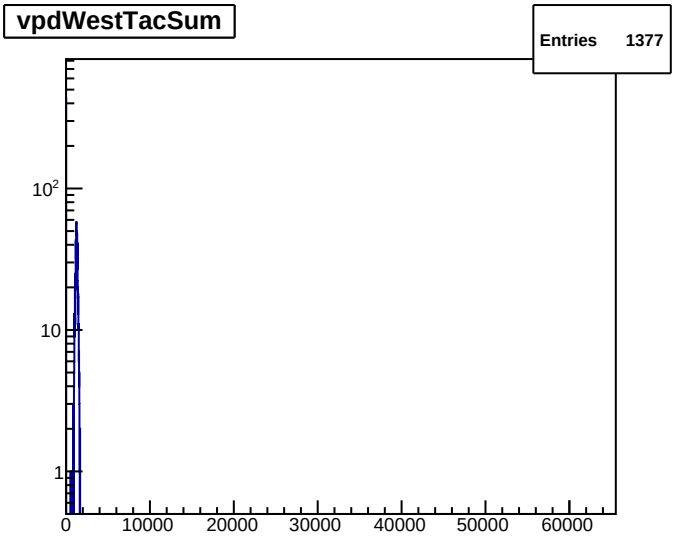

vpdEastTacSumVsSimu
Entries 1025
Data
Simu

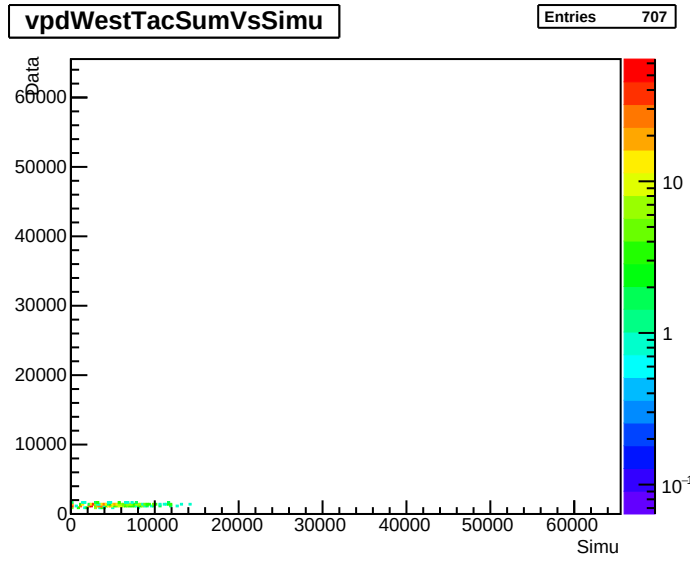

vpdWestAdcSum
Entries 1377

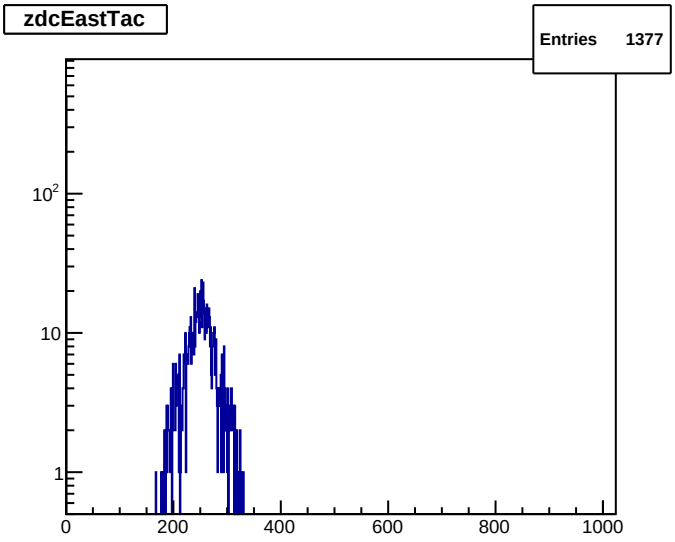

vpdWestAdcSumVsSimu
Entries 527
Data
Simu

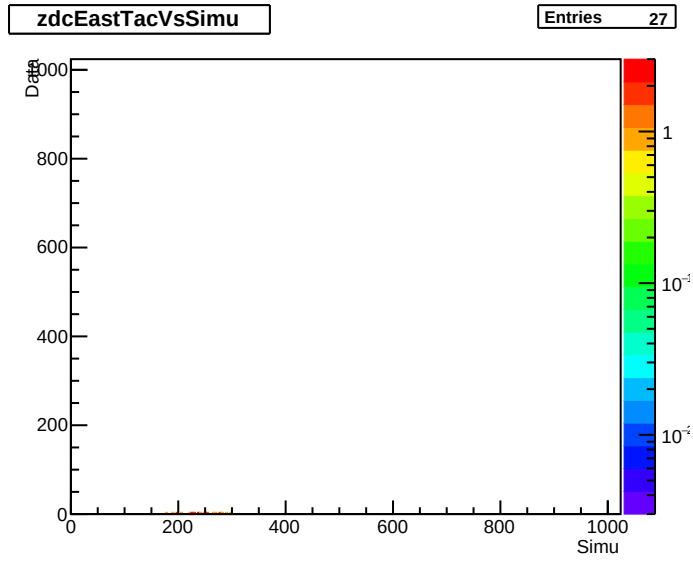

vpdWestNHits
Entries 1377

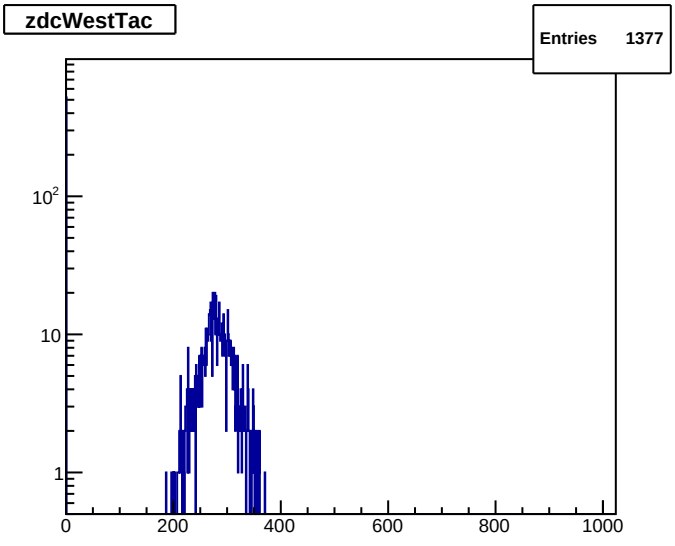

vpdWestNHitsVsSimu
Entries 883

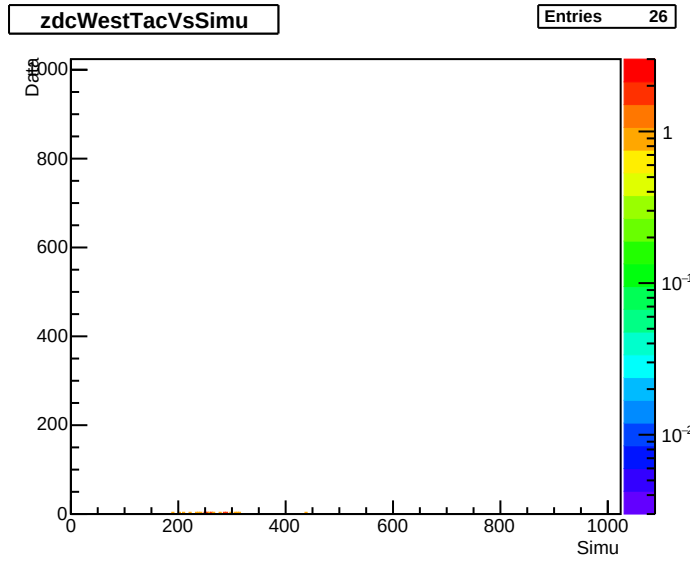

vpdWestTacSum
Entries 1377

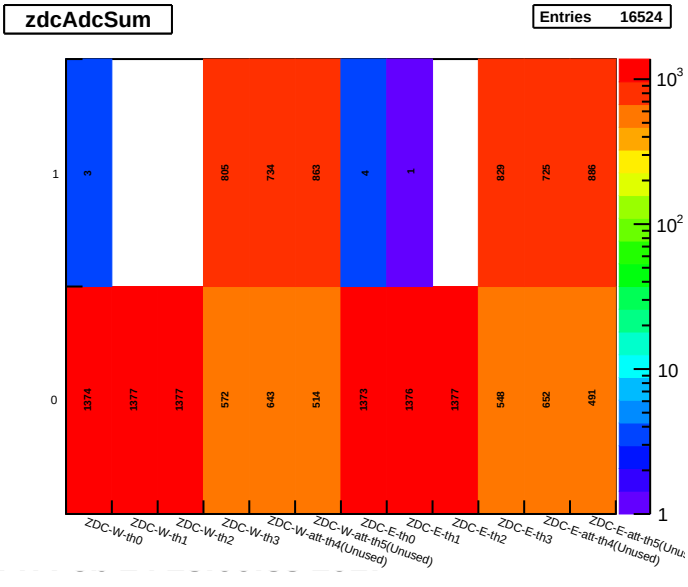

vpdWestTacSumVsSimu
Entries 707
Data
Simu

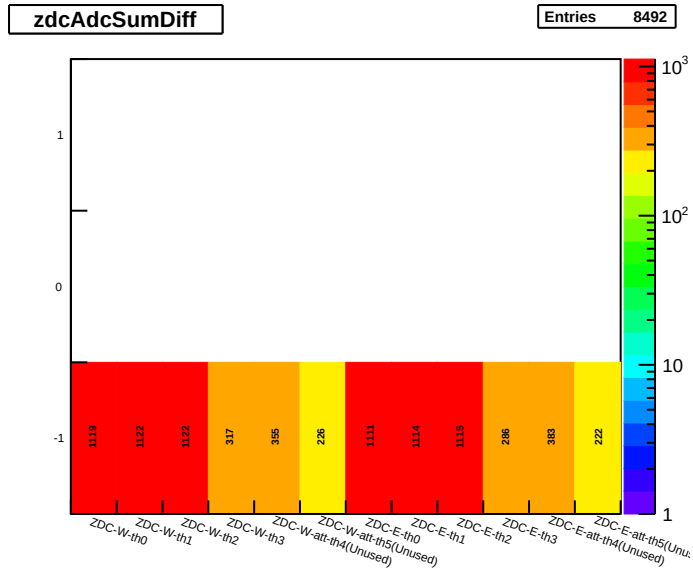

zdcEastTac
Entries 1377

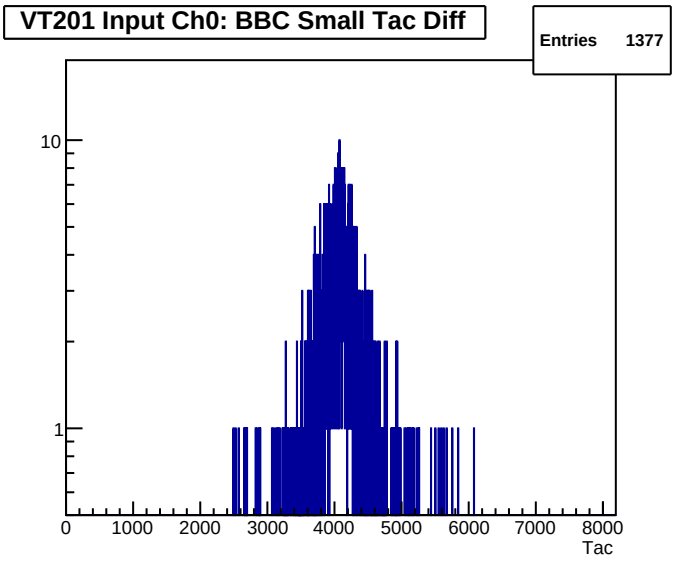

zdcEastTacVsSimu
Entries 27
Data
Simu

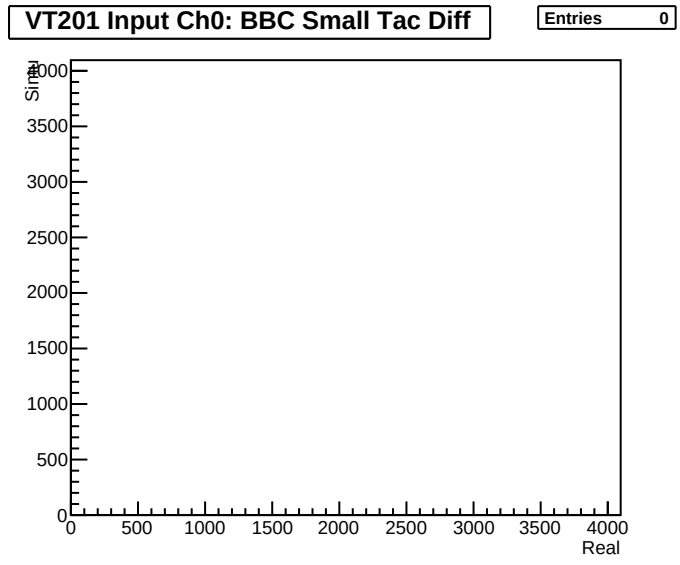

zdcWestTac
Entries 1377

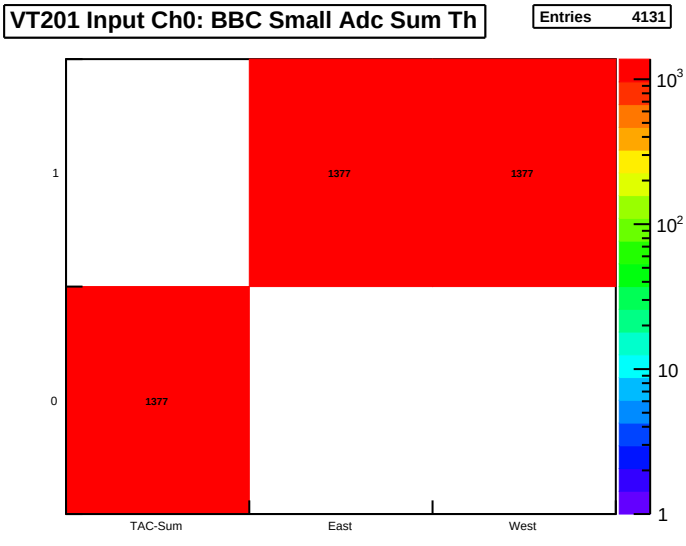

zdcWestTacVsSimu
Entries 26
Data
Simu

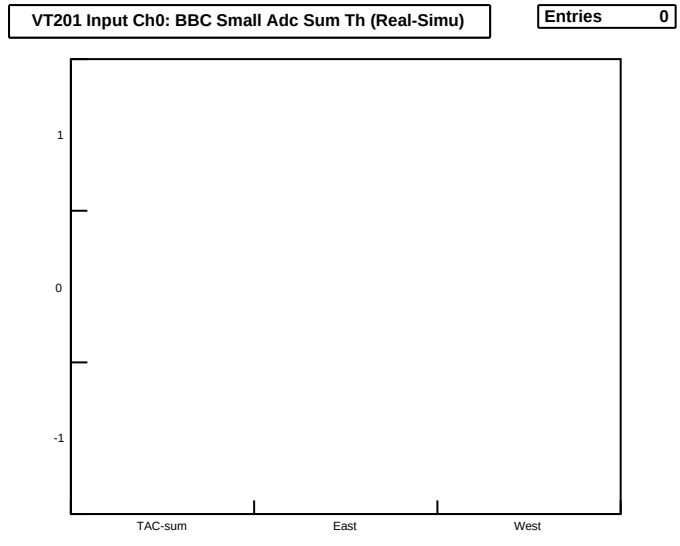

zdcAdcSum
Entries 16524
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

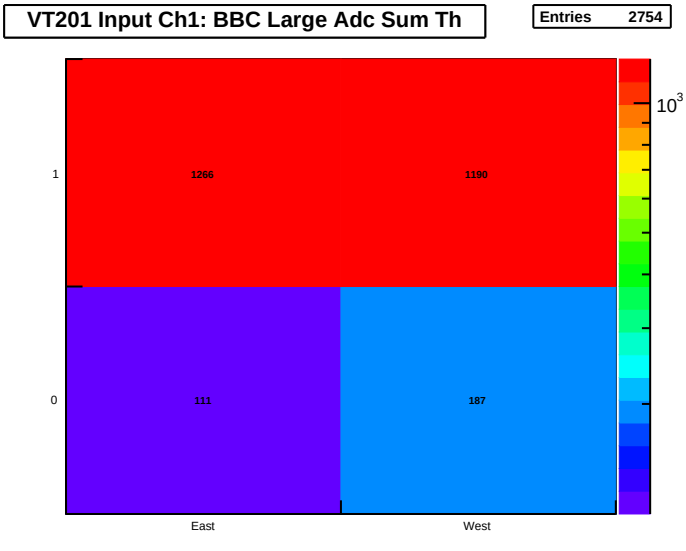

zdcAdcSumDiff
Entries 8492
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

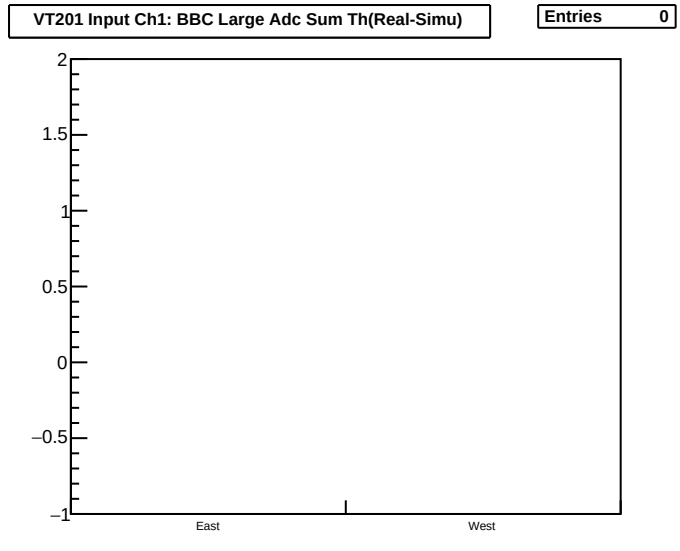

VT201 Input Ch0: BBC Small Tac Diff
Entries 1377
10
1
0 1000 2000 3000 4000 5000 6000 7000 8000
Tac


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

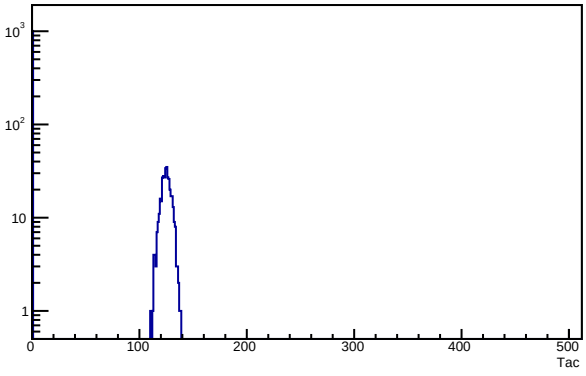

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 4131
1
0
1377
1377
1377
TAC-Sum
East
West
10^3
10^2
10
1


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

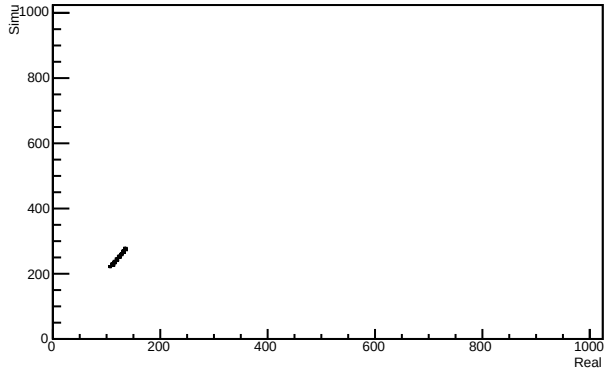

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 2754
1
0
1266
1190
111
187
East
West
10^3


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

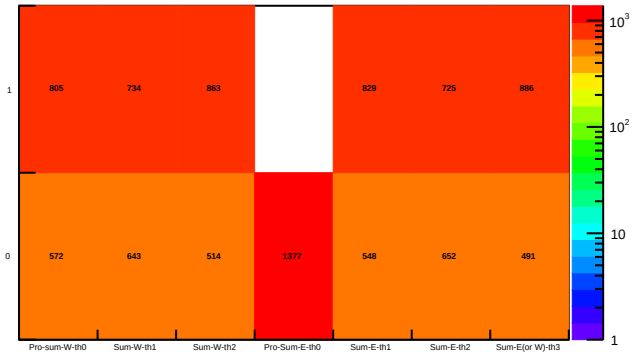
VT201 Input Ch2: ZDC Tac Diff



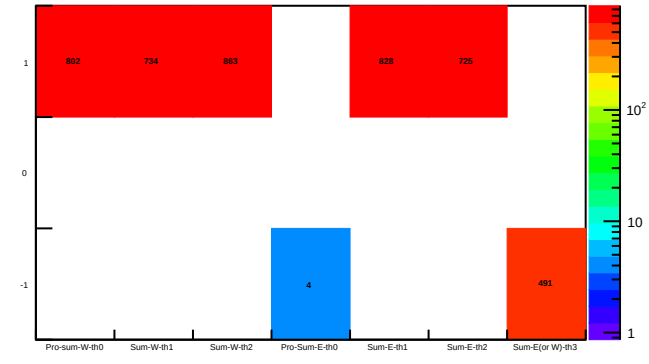
VT201 Input Ch2: ZDC Tac Diff



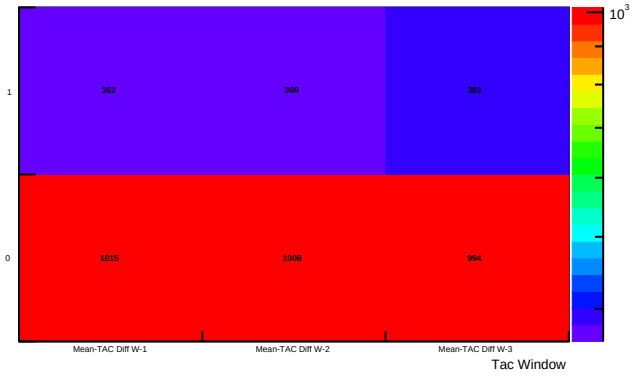
VT201 Input Ch2: ZDC Adc Sum Th



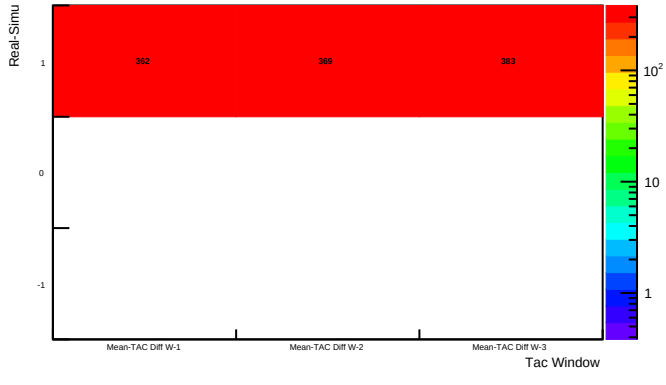
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



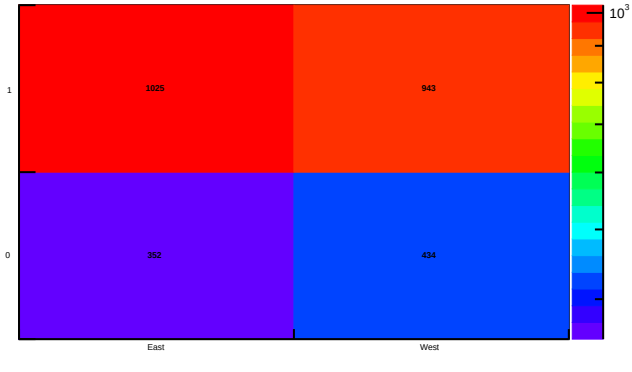
VT201 Input Ch4: VPD Tac Diff



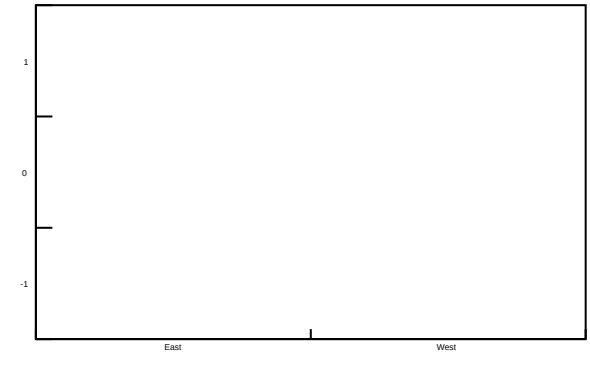
VT201 Input Ch4: VPD Tac Diff

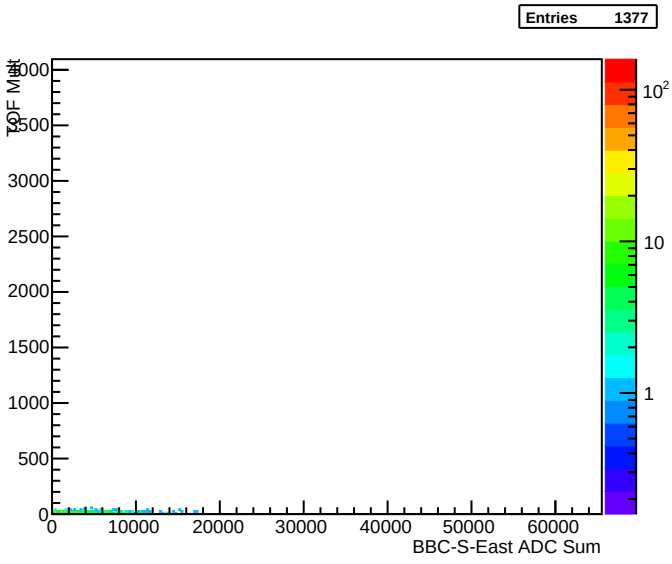


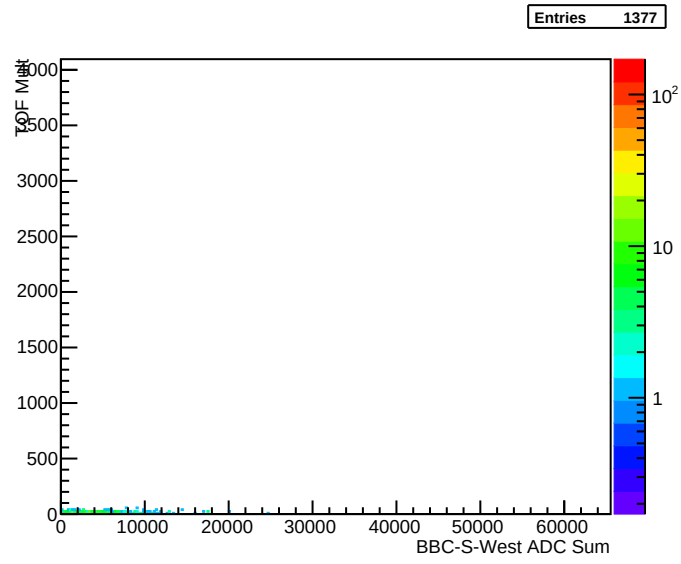
VT201 Input Ch4: VPD Adc Sum Th

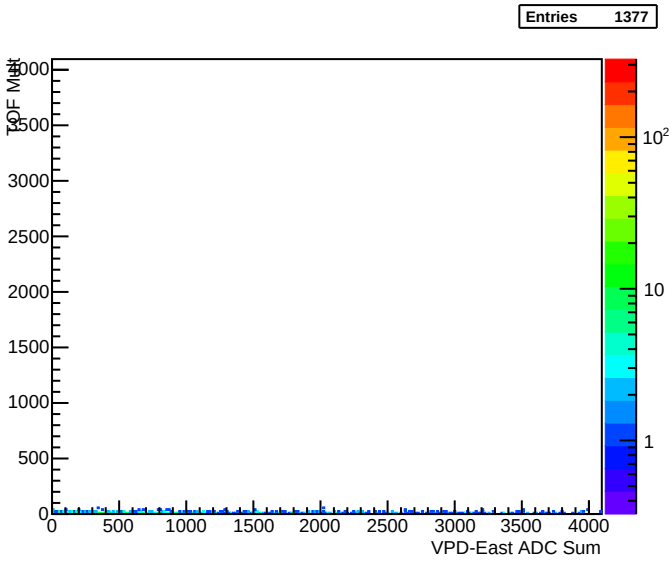


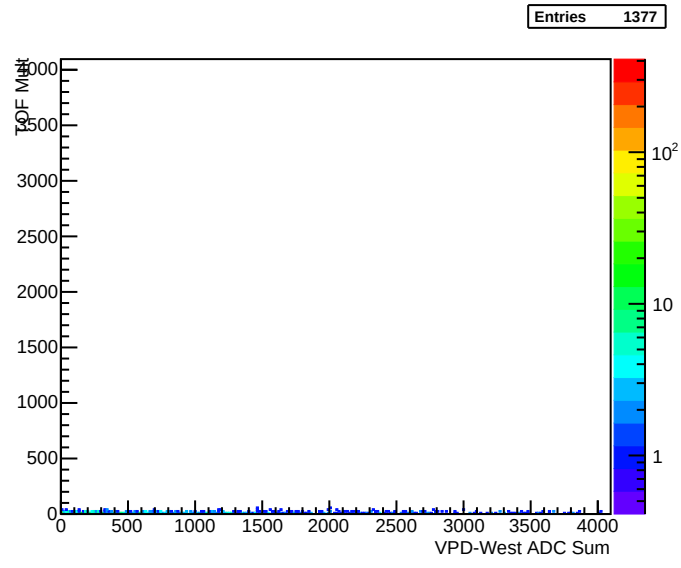
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

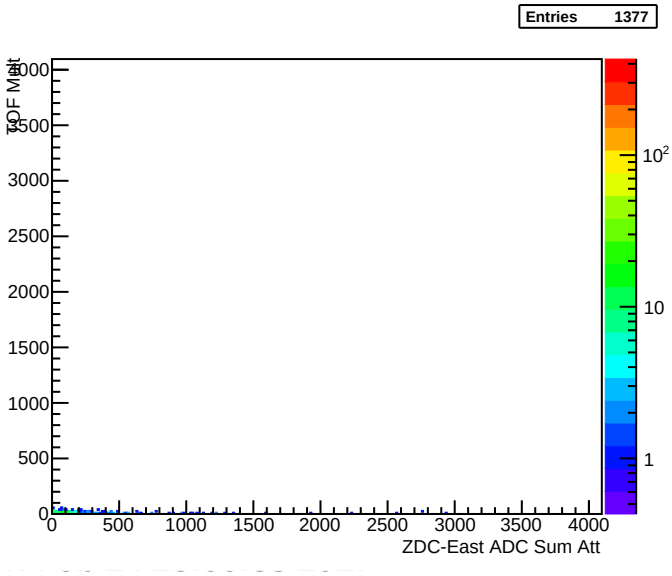


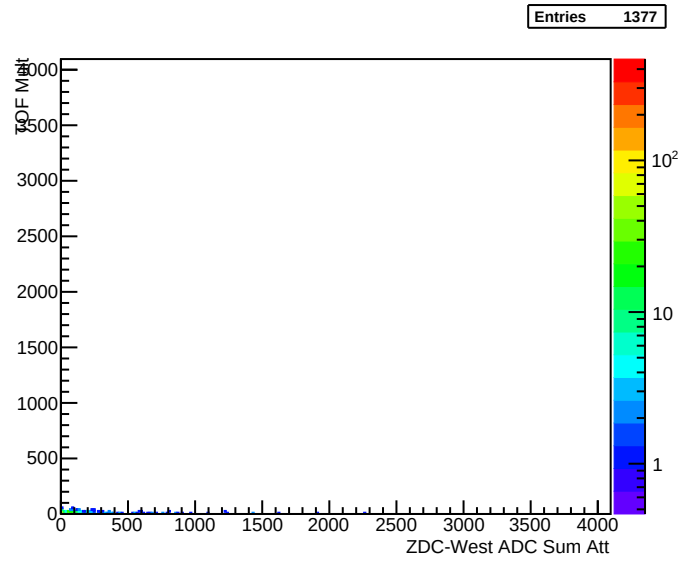

Entries 1377
TOF Mult
BBC-S-East ADC Sum

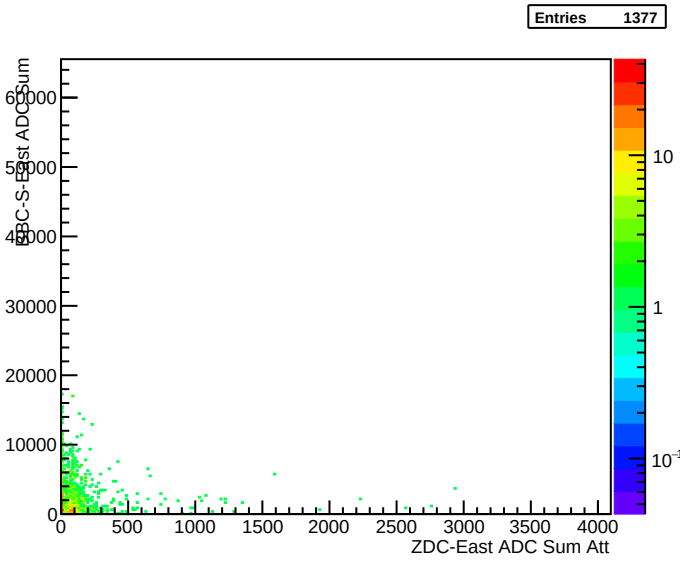

Entries 1377
TOF Mult
BBC-S-West ADC Sum

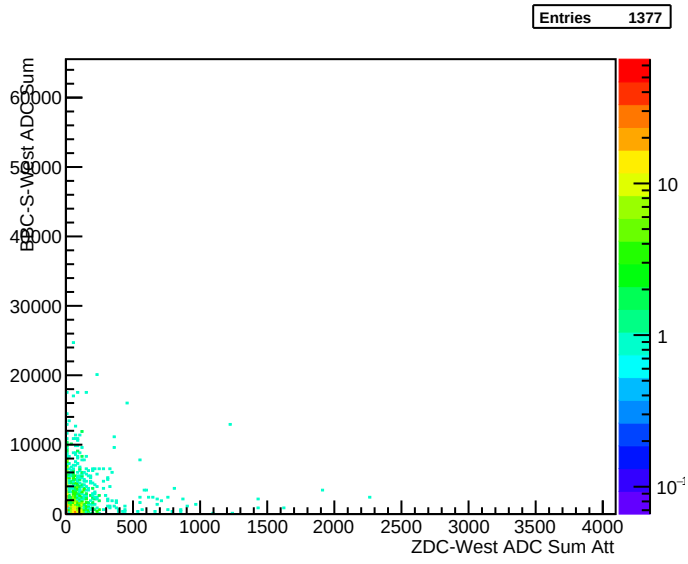

Entries 1377
TOF Mult
VPD-East ADC Sum

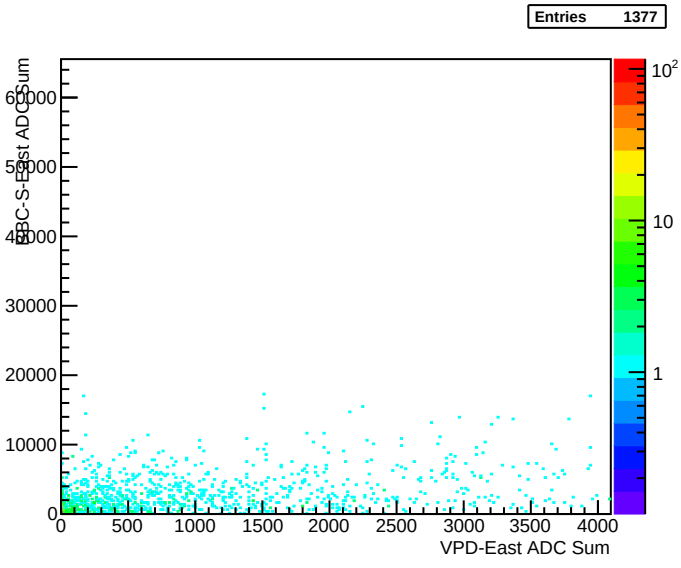

Entries 1377
TOF Mult
VPD-West ADC Sum

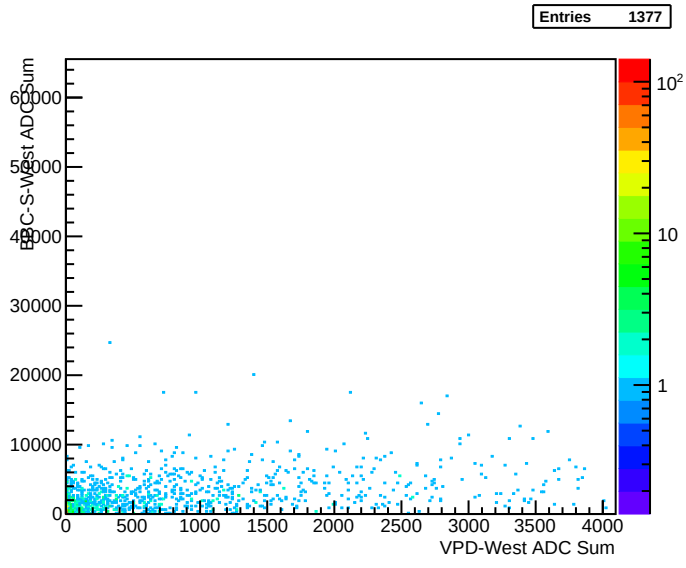

Entries 1377
TOF Mult
ZDC-East ADC Sum Att

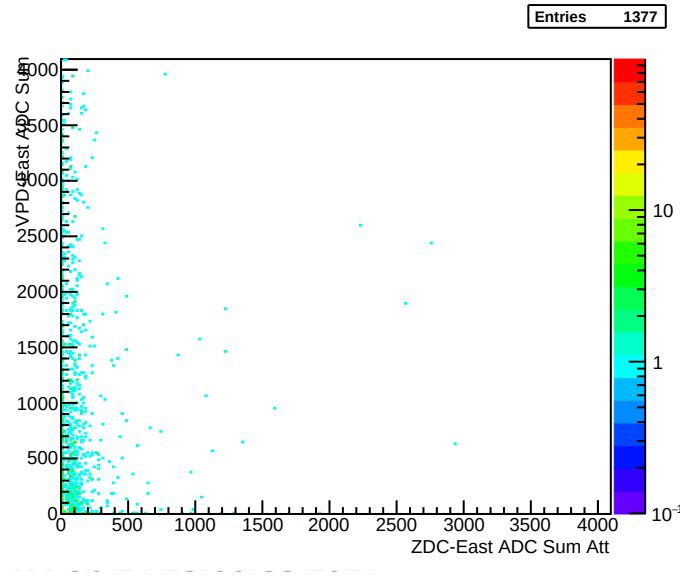

Entries 1377
TOF Mult
ZDC-West ADC Sum Att

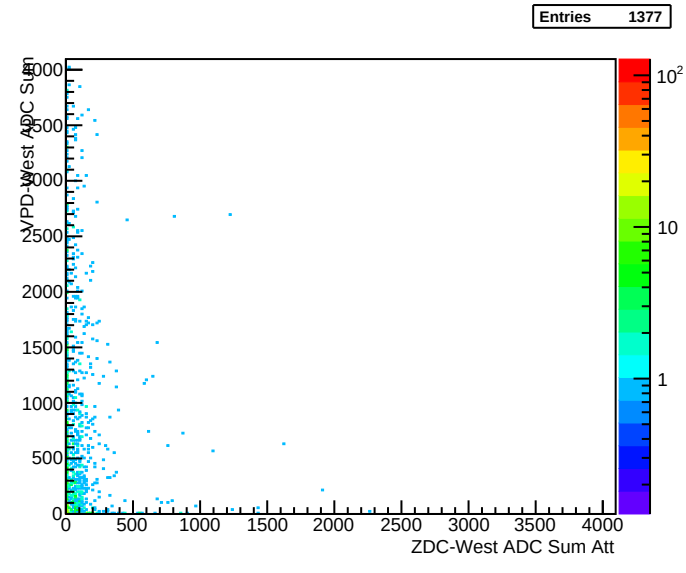

Entries 1377
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

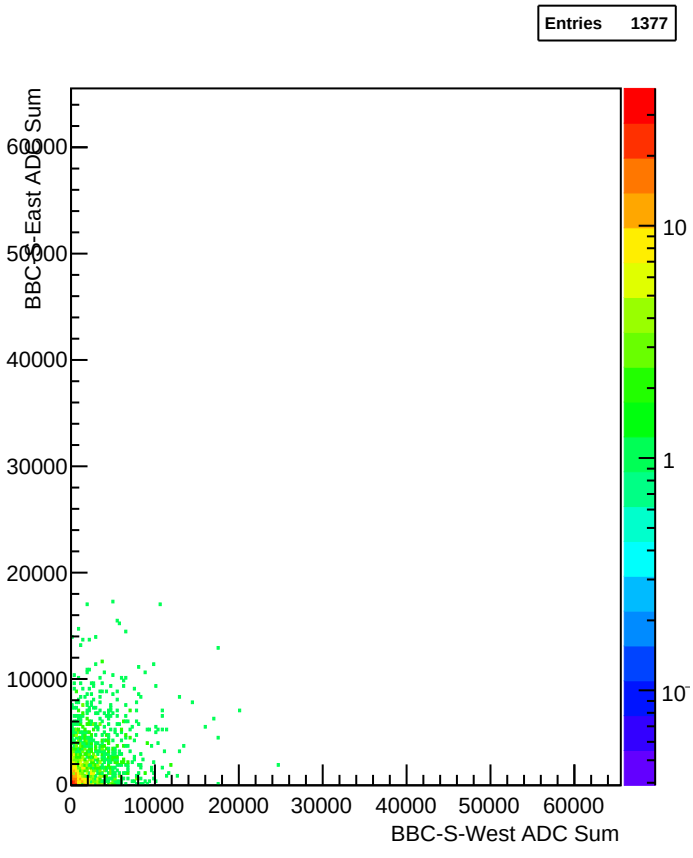

Entries 1377
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

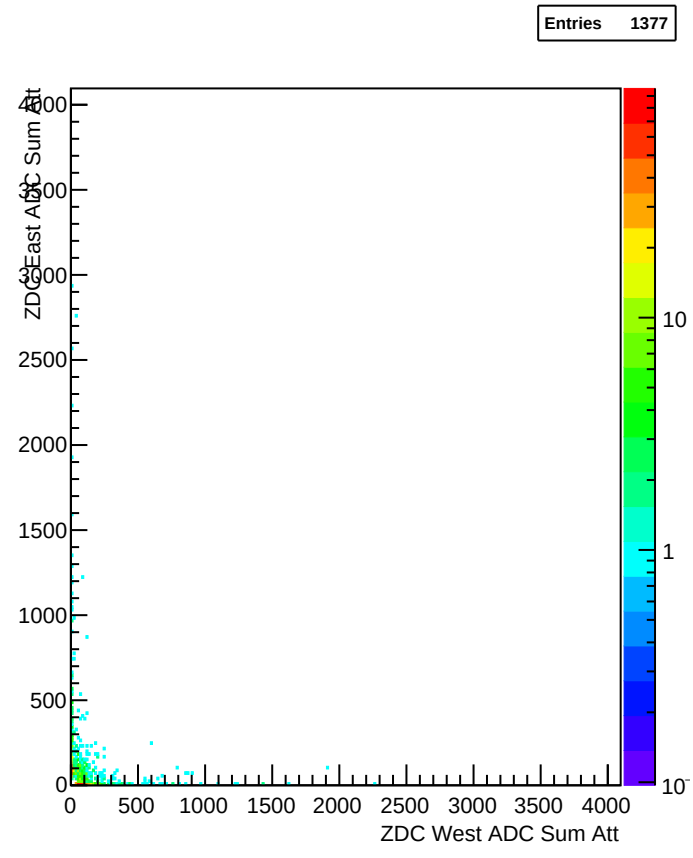

Entries 1377
BBC-S-East ADC Sum
VPD-East ADC Sum

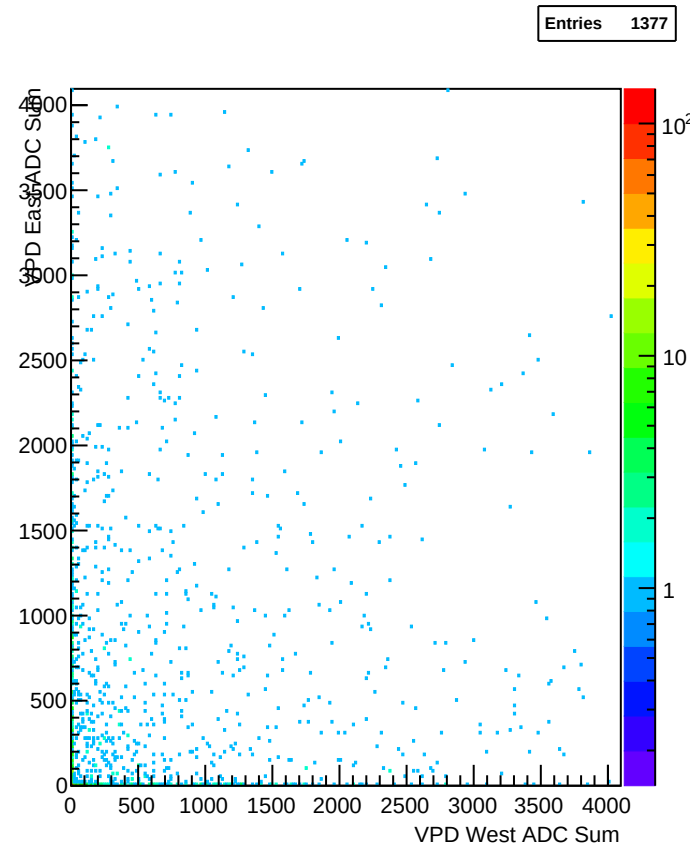

Entries 1377
BBC-S-West ADC Sum
VPD-West ADC Sum

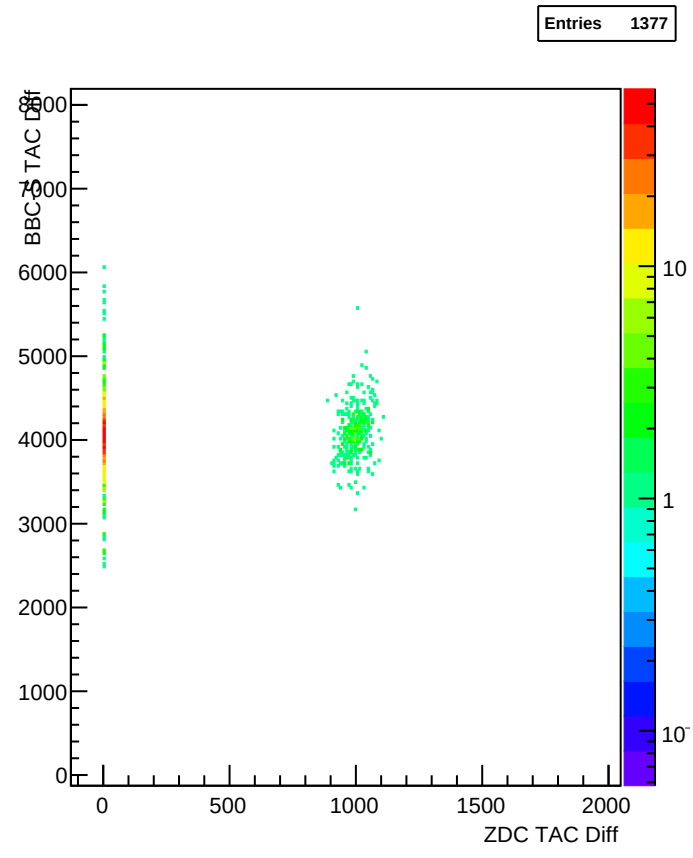

Entries 1377
VPD-East ADC Sum
ZDC-East ADC Sum Att

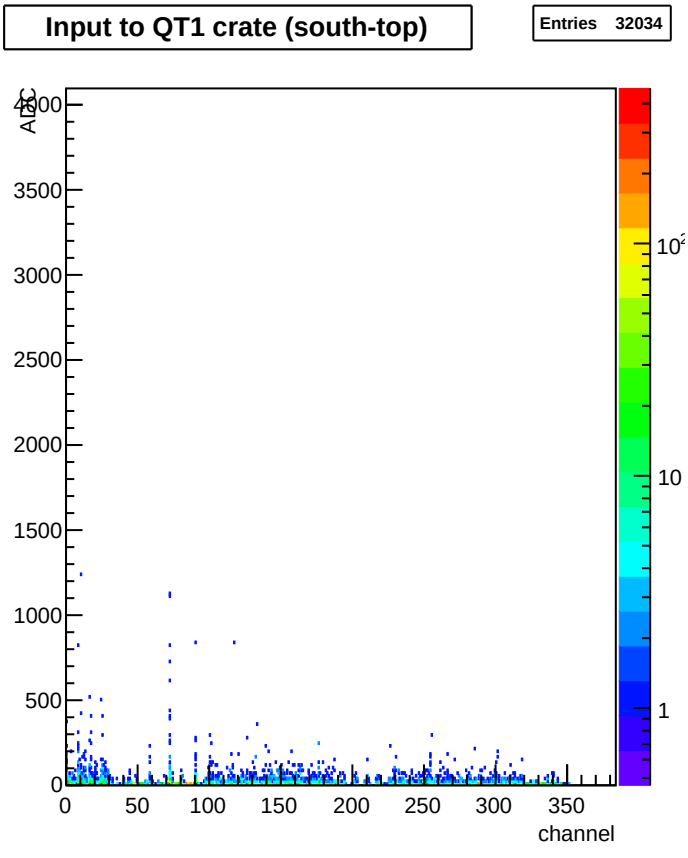

Entries 1377
VPD-West ADC Sum
ZDC-West ADC Sum Att

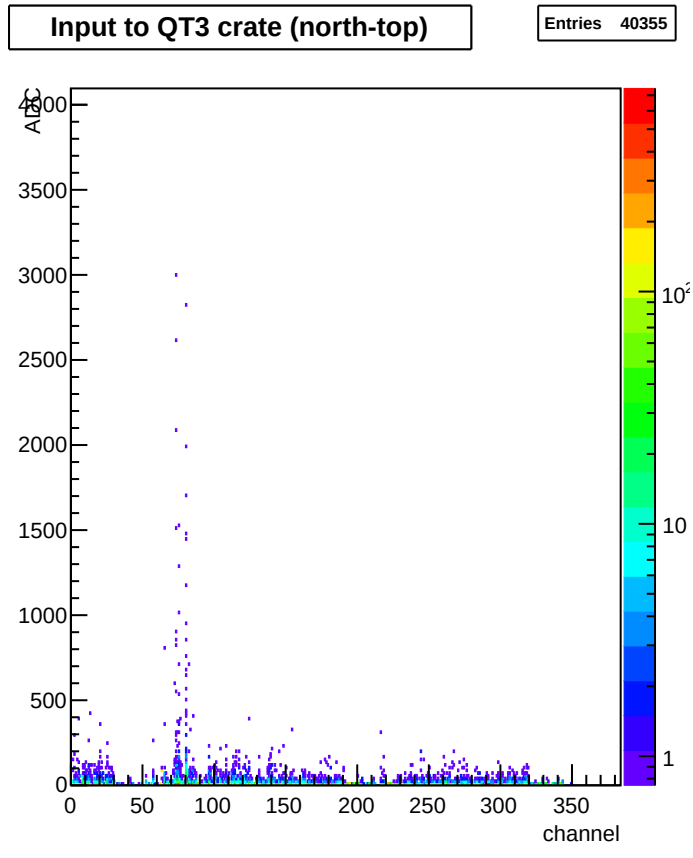

Entries 1377
BBC-S-East ADC Sum
BBC-S-West ADC Sum

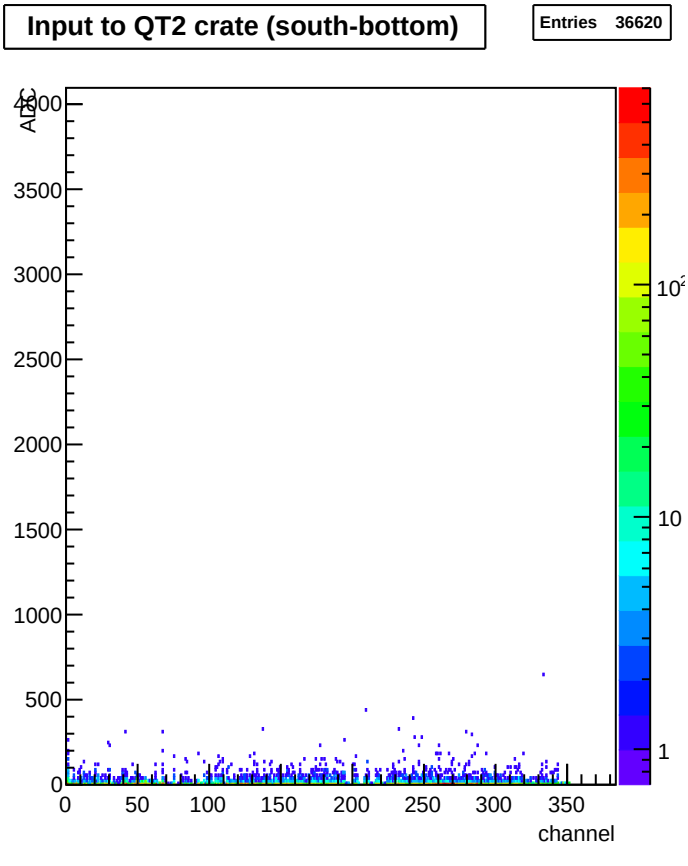

Entries 1377
ZDC East ADC Sum Att
ZDC West ADC Sum Att

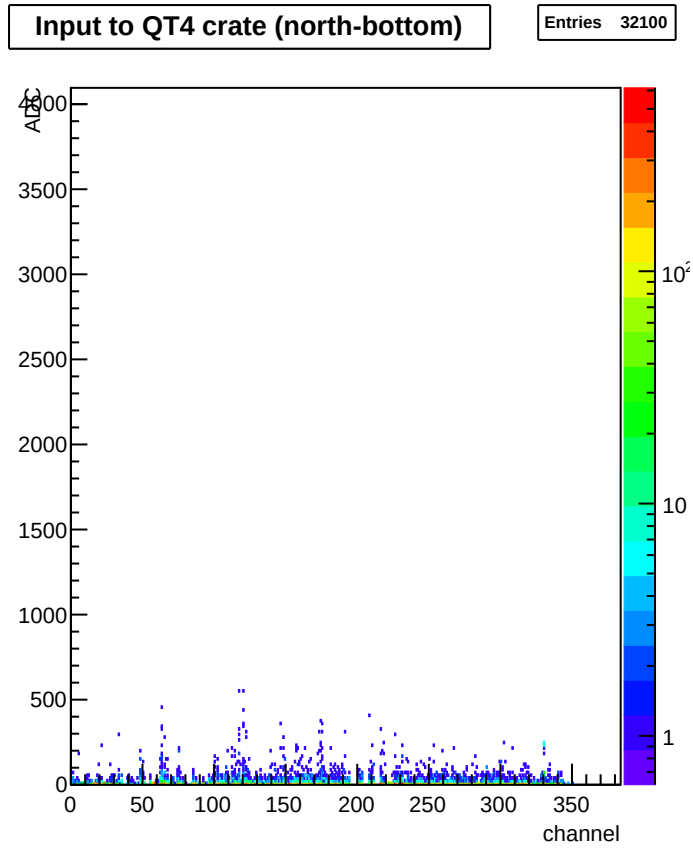

Entries 1377
VPD East ADC Sum
VPD West ADC Sum

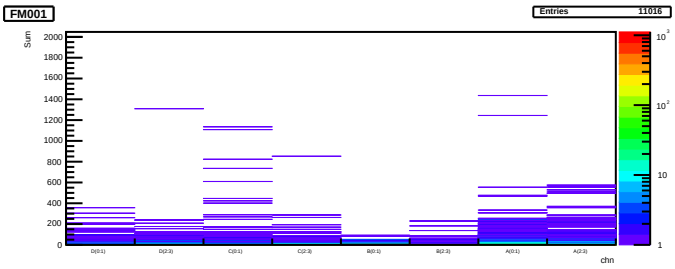

Entries 1377
BBC-S TAC Diff
ZDC TAC Diff

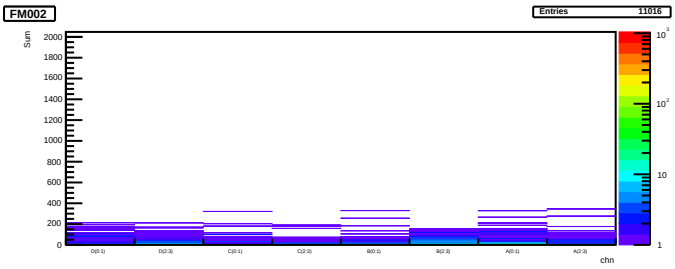

Input to QT1 crate (south-top)
Entries 32034
ADC
channel

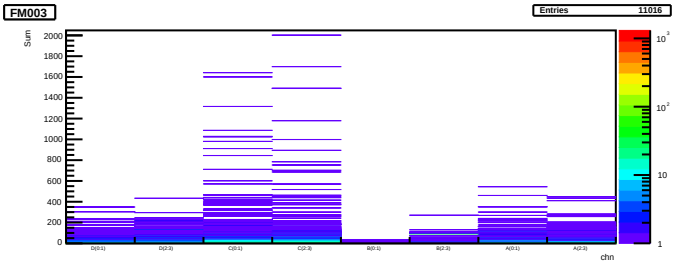

Input to QT3 crate (north-top)
Entries 40355
ADC
channel

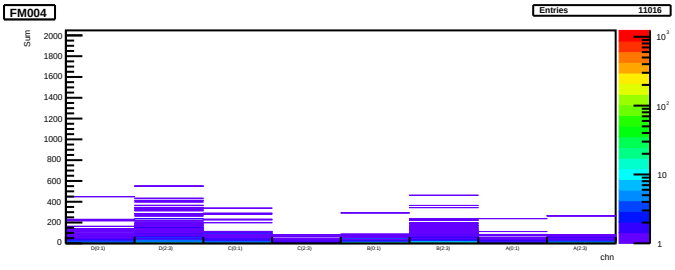

Input to QT2 crate (south-bottom)
Entries 36620
ADC
channel

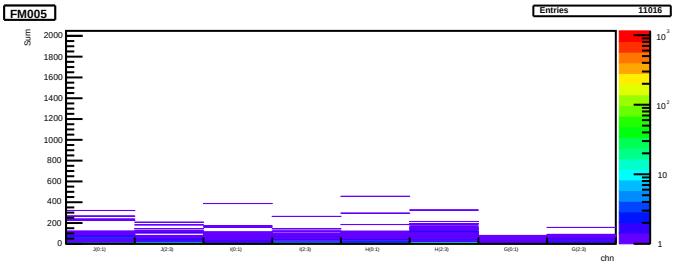

Input to QT4 crate (north-bottom)
Entries 32100
ADC
channel

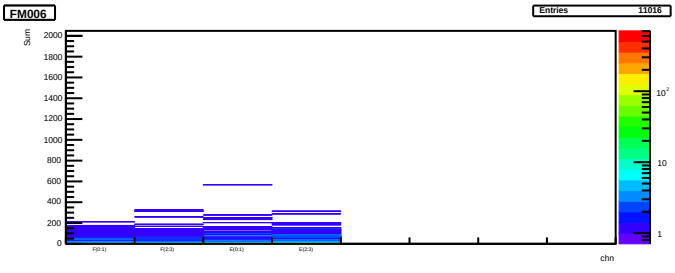

FM001
Entries 11016
Sum
chn

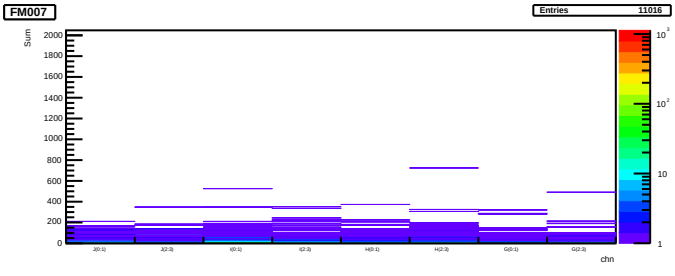

FM002
Entries 11016
Sum
chn

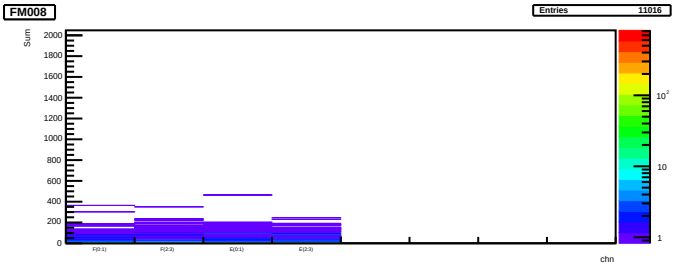

FM003
Entries 11016
Sum
chn

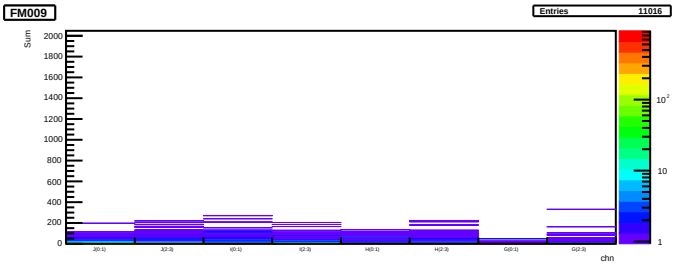

FM004
Entries 11016
Sum
chn

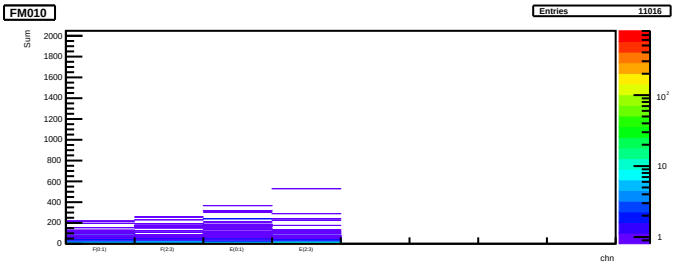

FM005
Entries 11016
Sum
chn

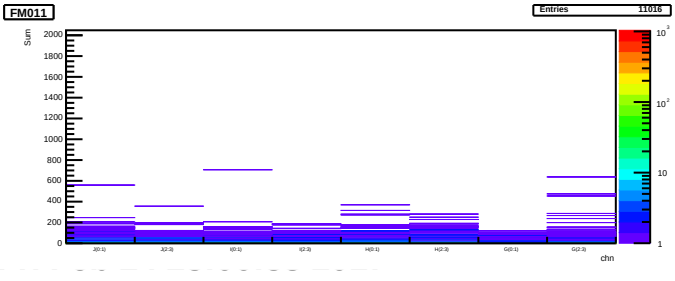

FM006
Entries 11016
Sum
chn

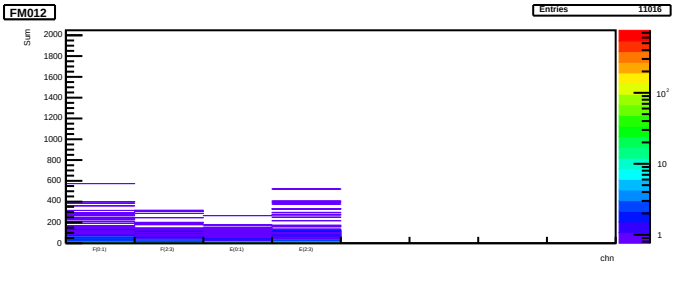

FM007
Entries 11016
Sum
chn

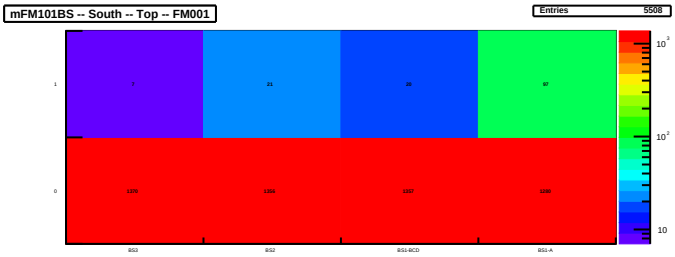

FM008
Entries 11016
Sum
chn

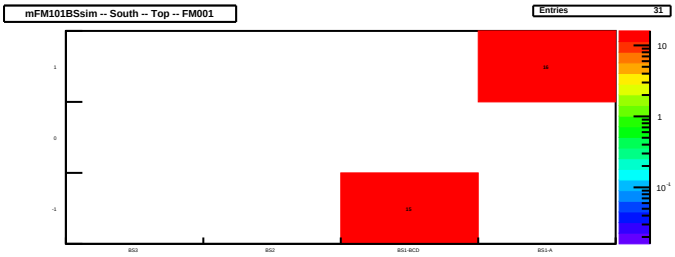

FM009
Entries 11016
Sum
chn


FM010
Entries 11016
Sum
chn


FM011
Entries 11016
Sum
chn


FM012
Entries 11016
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 5508
7
21
26
87
1370
1356
1357
1290
BS3
BS2
BS1-BCD
BS1-A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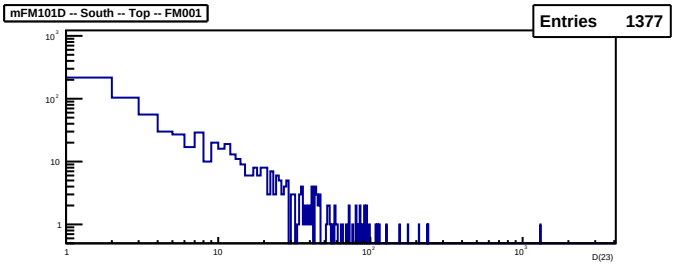
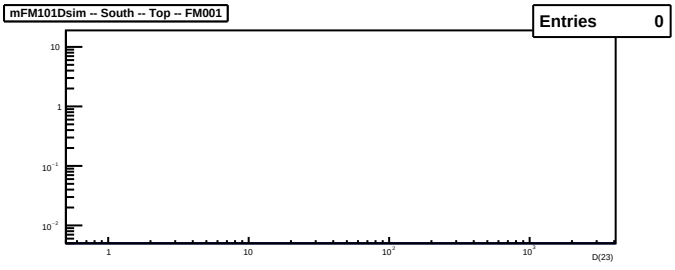
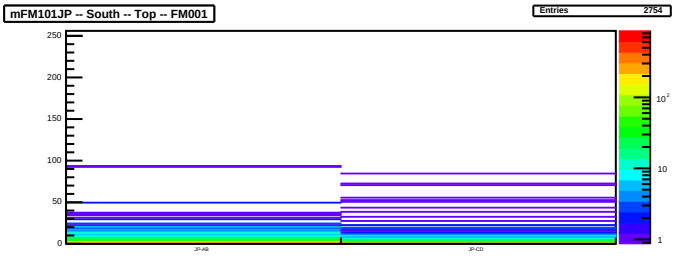
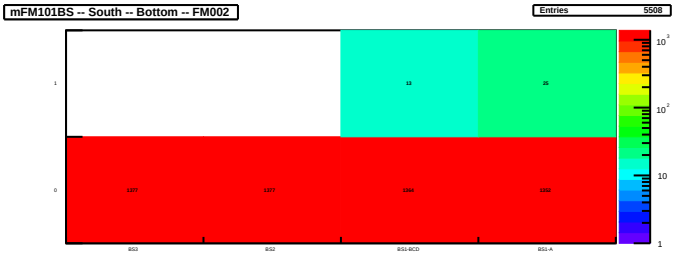
Entries 31
16
15
BS3
BS2
BS1-BCD
BS1-A

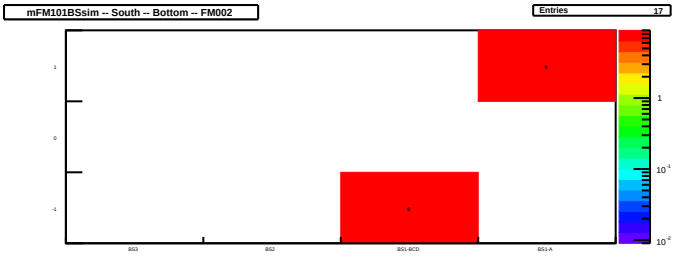

mFM101D -- South -- Top -- FM001
Entries 1377
D(23)

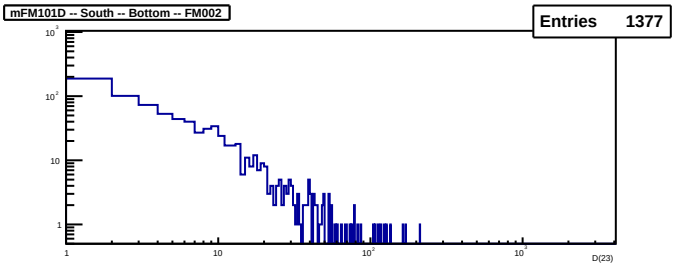

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 2754
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 5508
13
25
1377
1377
1364
1352
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Bottom -- FM002
Entries 17
9
8
BS3
BS2
BS1-BCD
BS1-A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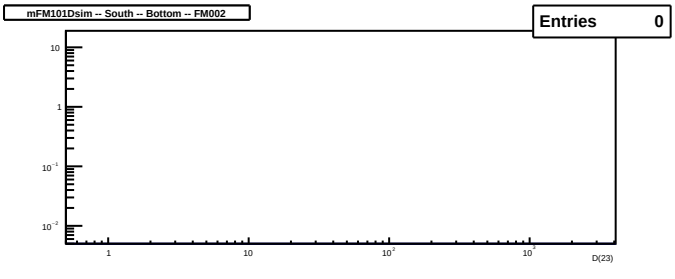
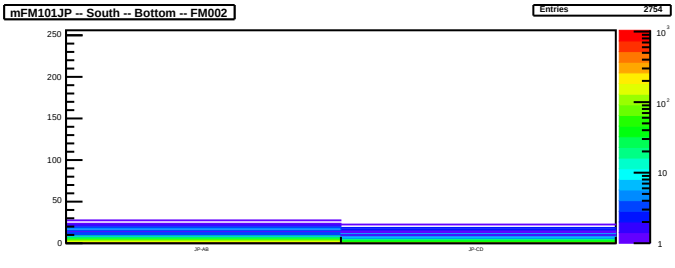
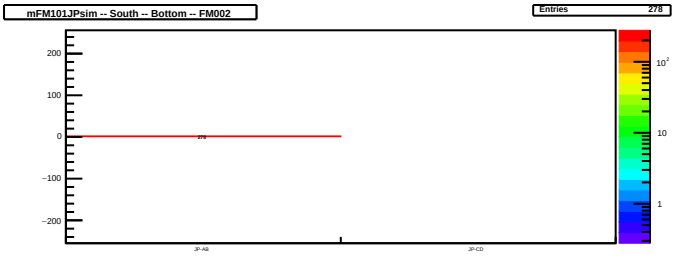
Entries 1377
D(23)


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


mFM101JP -- South -- Bottom -- FM002
Entries 2754
JP-AB
JP-CD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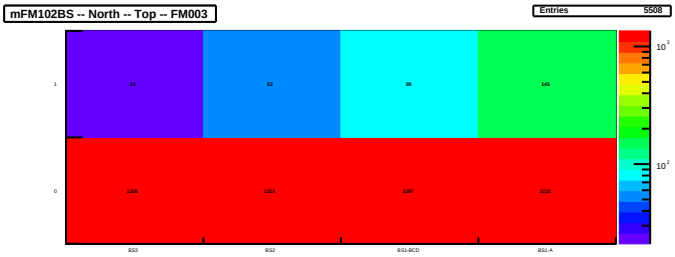
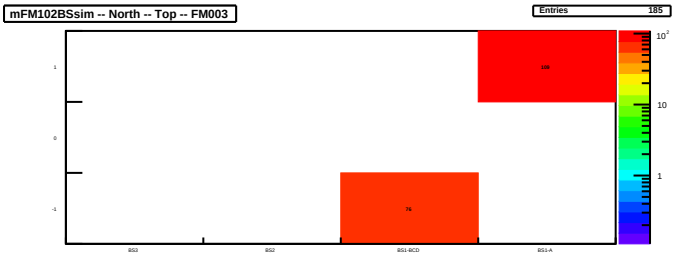
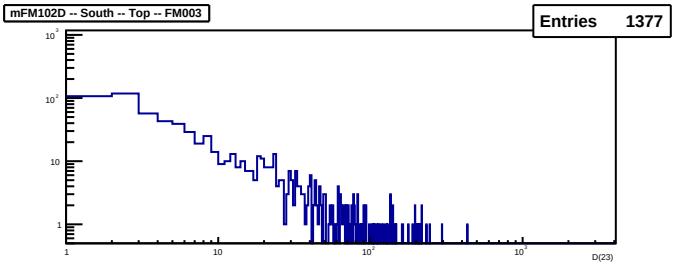
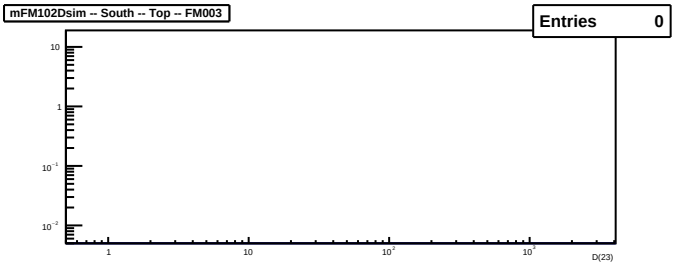
Entries 278
278
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 5508


mFM102BSsim -- North -- Top -- FM003
Entries 185


mFM102D -- South -- Top -- FM003
Entries 1377
D(23)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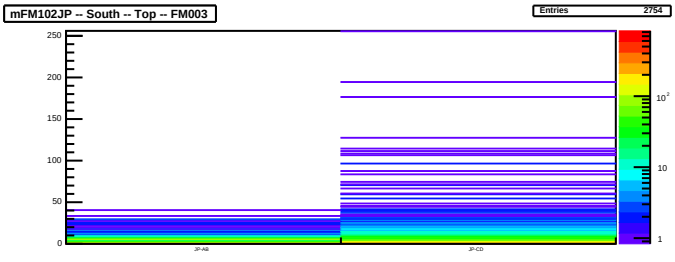
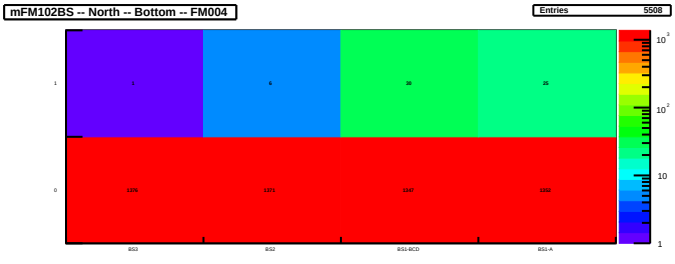
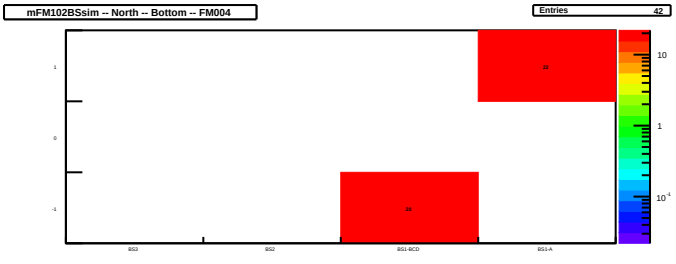
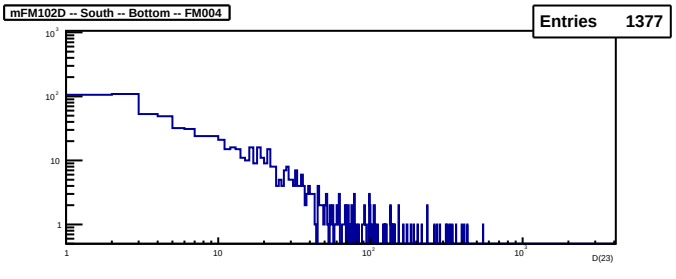
Entries 0
D(23)

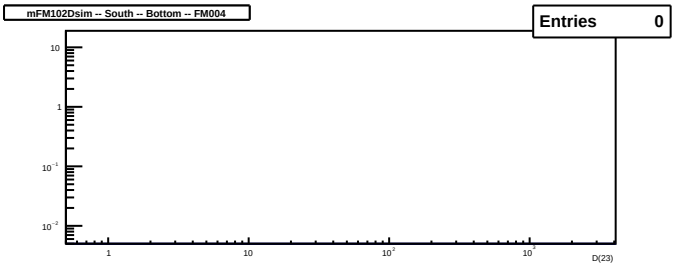

mFM102JP -- South -- Top -- FM003
Entries 2754

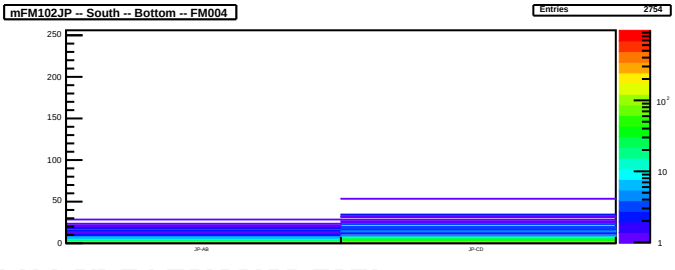
mFM102JPsim -- South -- Top -- FM003
Entries 0

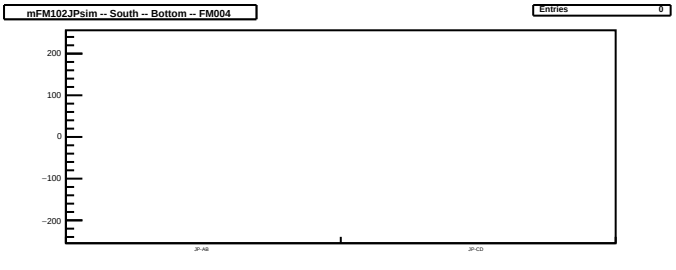

mFM102BS -- North -- Bottom -- FM004
Entries 5508

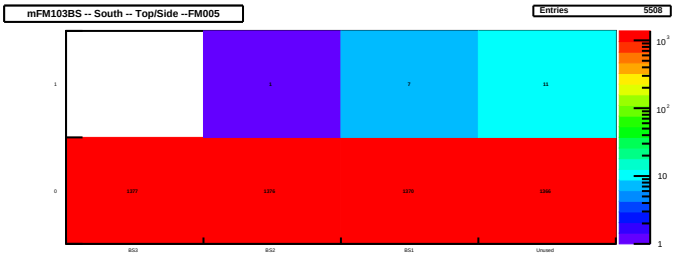

mFM102BSsim -- North -- Bottom -- FM004
Entries 42

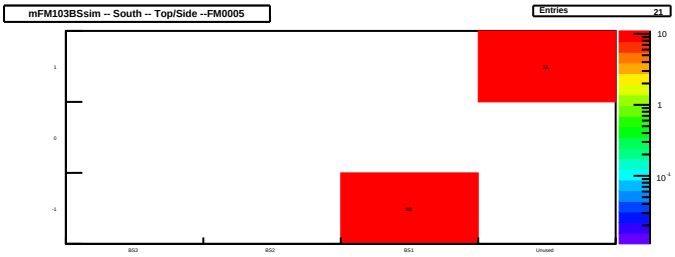

mFM102D -- South -- Bottom -- FM004
Entries 1377
D(23)

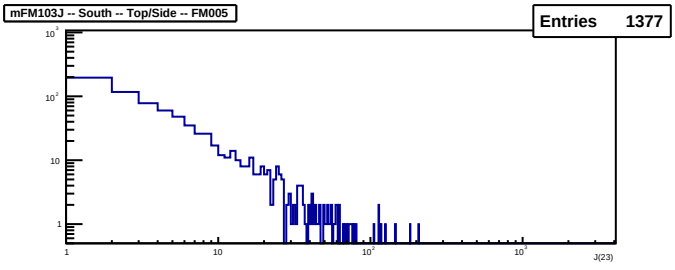

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

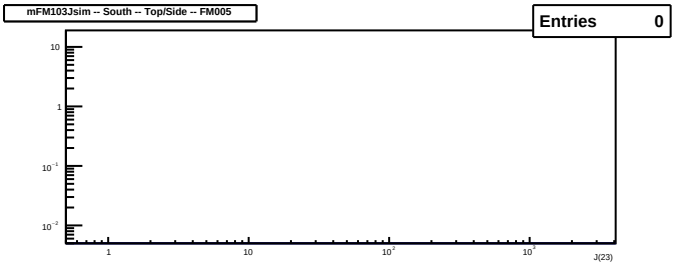

mFM102JP -- South -- Bottom -- FM004
Entries 2754


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


mFM103BS -- South -- Top/Side --FM005
Entries 5508


mFM103BSsim -- South -- Top/Side --FM0005
Entries 21


mFM103J -- South -- Top/Side -- FM005
Entries 1377
J(23)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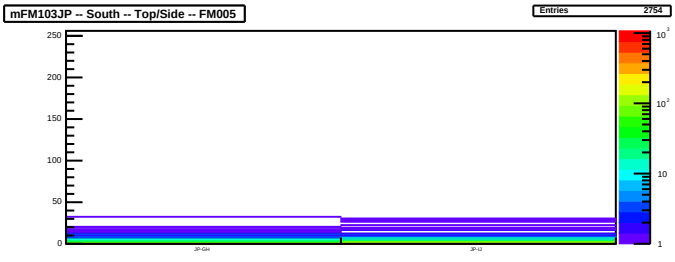
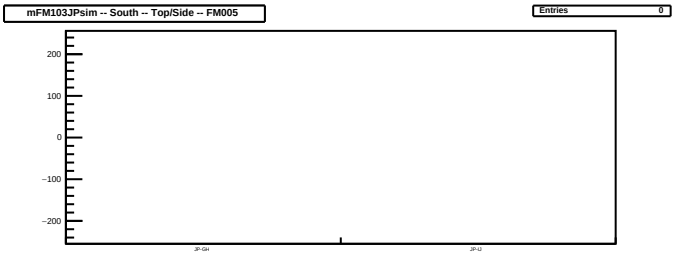
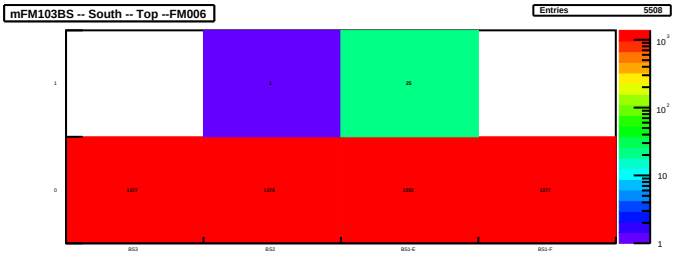
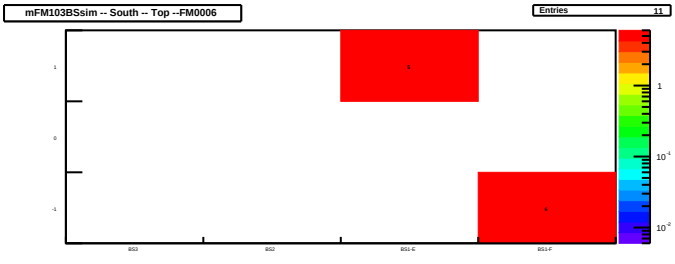
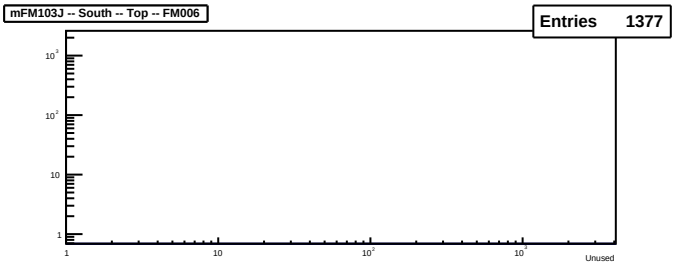
Entries 0
J(23)

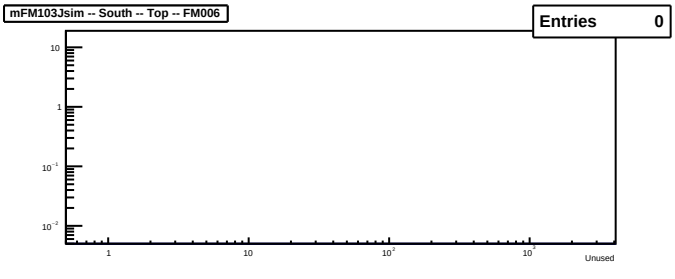

mFM103JP -- South -- Top/Side -- FM005
Entries 2754

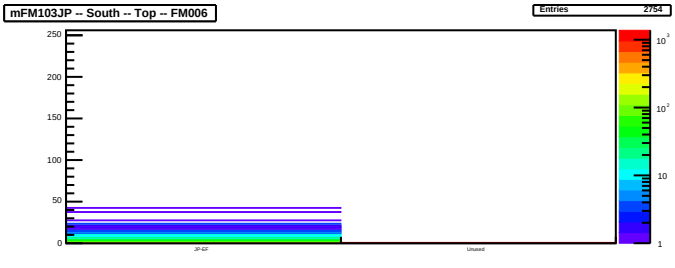

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0

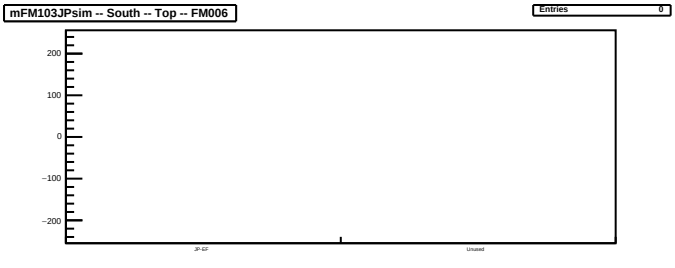

mFM103BS -- South -- Top --FM006
Entries 5508


mFM103BSsim -- South -- Top --FM0006
Entries 11


mFM103J -- South -- Top -- FM006
Entries 1377
Unused


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


mFM103JP -- South -- Top -- FM006
Entries 2754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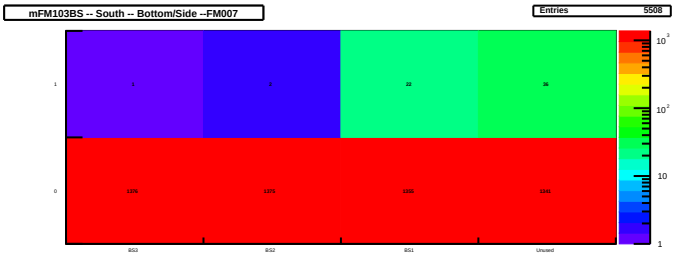
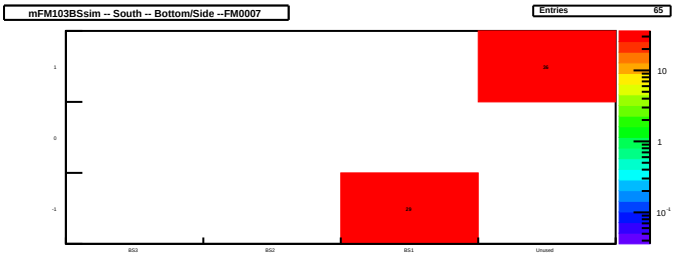
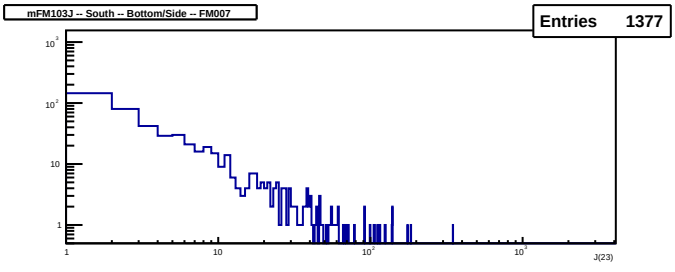
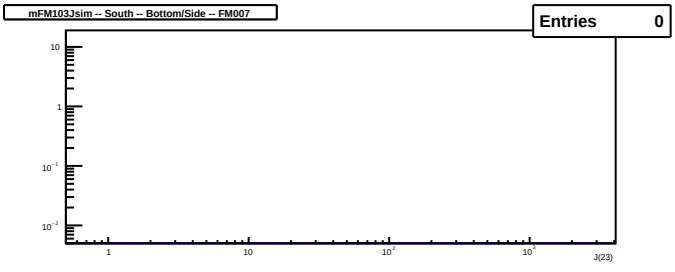
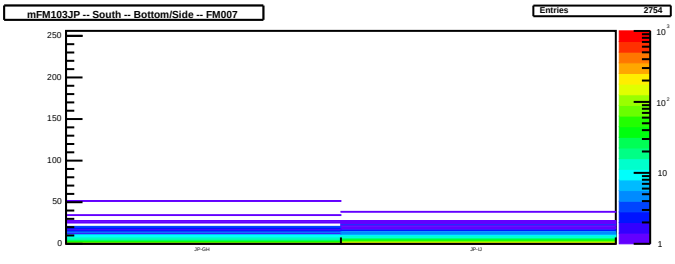
Entries 0

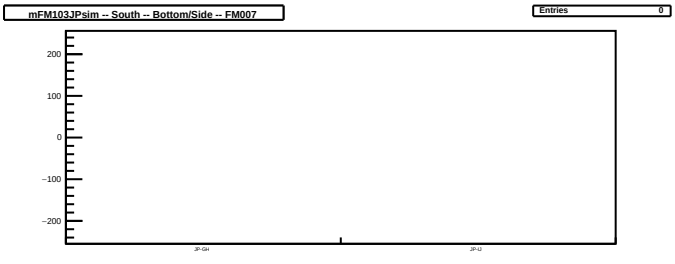

mFM103BS -- South -- Bottom/Side --FM007
Entries 5508


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 65


mFM103J -- South -- Bottom/Side -- FM007
Entries 1377
J(23)


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


mFM103JP -- South -- Bottom/Side -- FM007
Entries 2754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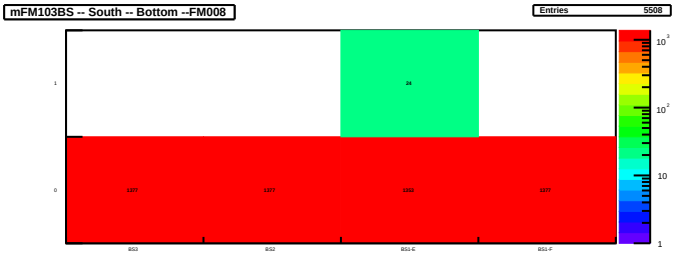
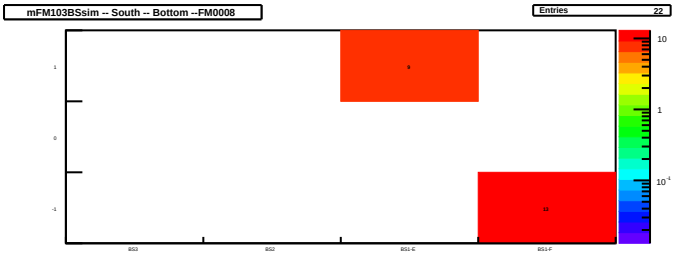
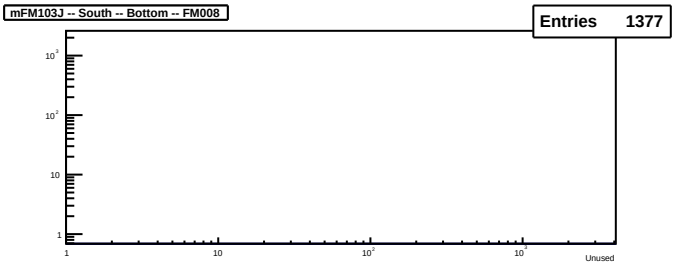
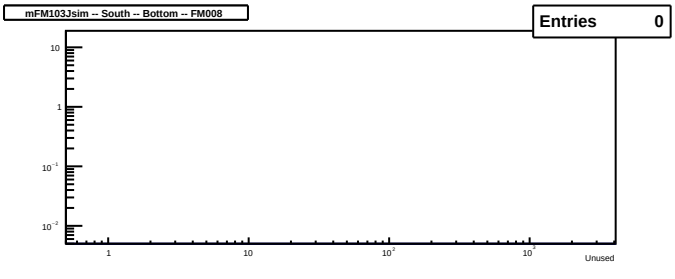
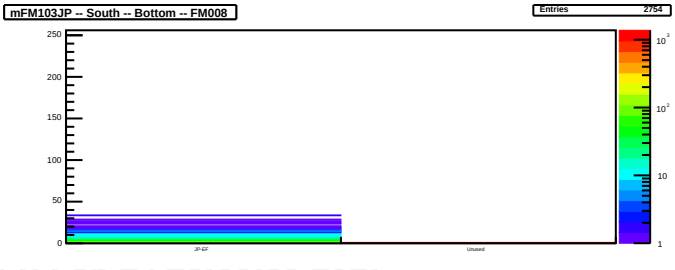
Entries 0

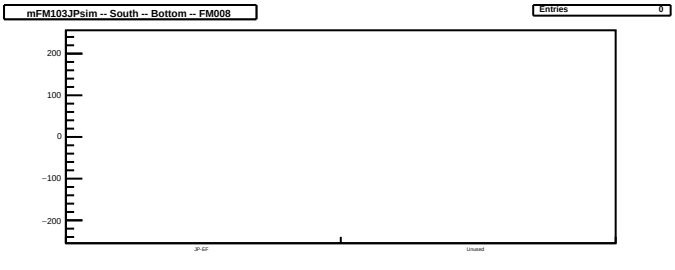

mFM103BS -- South -- Bottom --FM008
Entries 5508

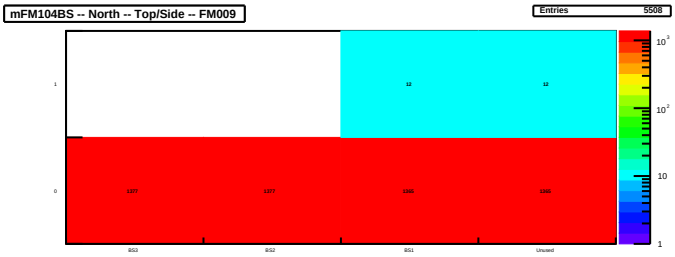

mFM103BSsim -- South -- Bottom --FM0008
Entries 22

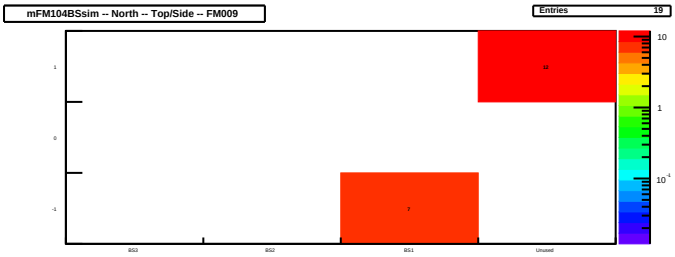

mFM103J -- South -- Bottom -- FM008
Entries 1377
Unused

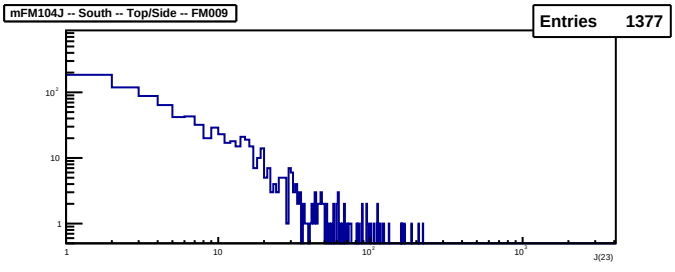

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

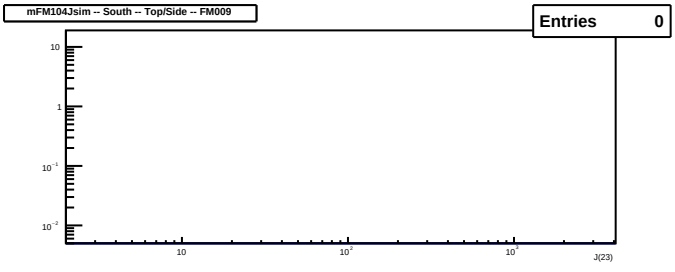

mFM103JP -- South -- Bottom -- FM008
Entries 2754

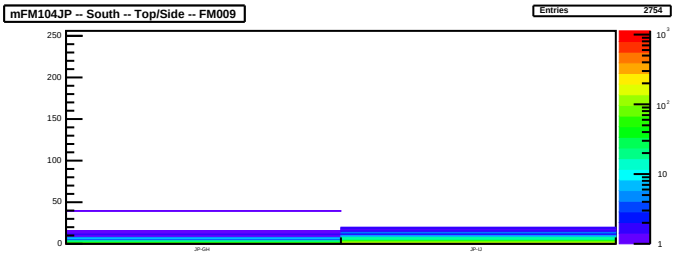

mFM103JPsim -- South -- Bottom -- FM008
Entries 0

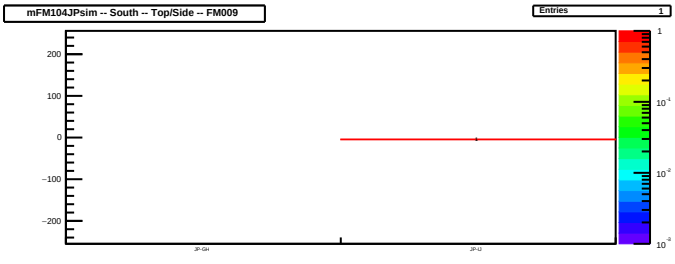

mFM104BS -- North -- Top/Side -- FM009
Entries 5508
BS3
BS2
BS1
Unused

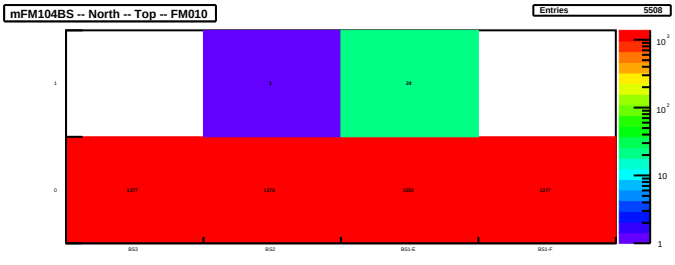

mFM104BSsim -- North -- Top/Side -- FM009
Entries 19
BS3
BS2
BS1
Unused

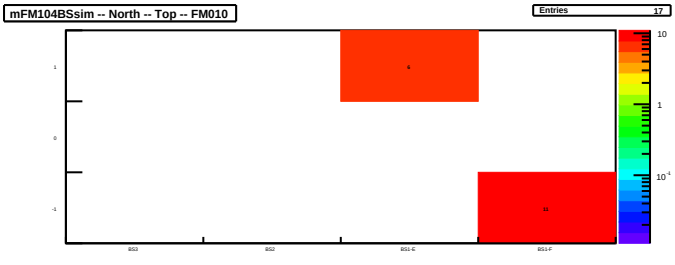

mFM104J -- South -- Top/Side -- FM009
Entries 1377
J(23)

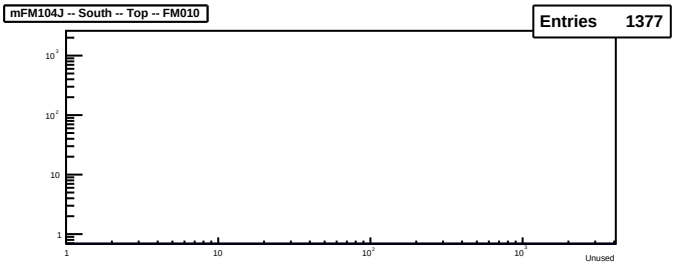

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

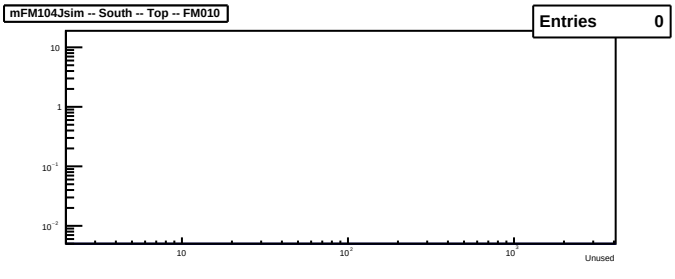

mFM104JP -- South -- Top/Side -- FM009
Entries 2754
JP-GH
JP-IJ

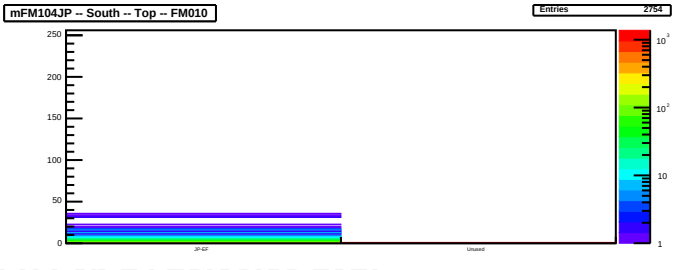

mFM104JPsim -- South -- Top/Side -- FM009
Entries 1
JP-GH
JP-IJ

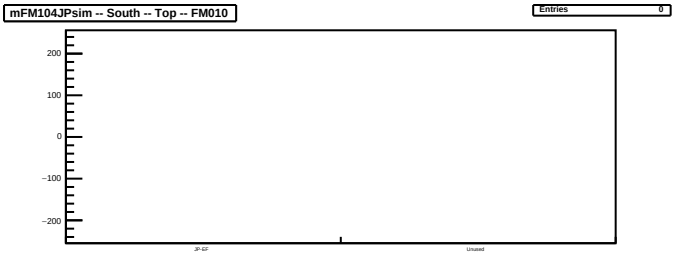

mFM104BS -- North -- Top -- FM010
Entries 5508
BS3
BS2
BS1-E
BS1-F

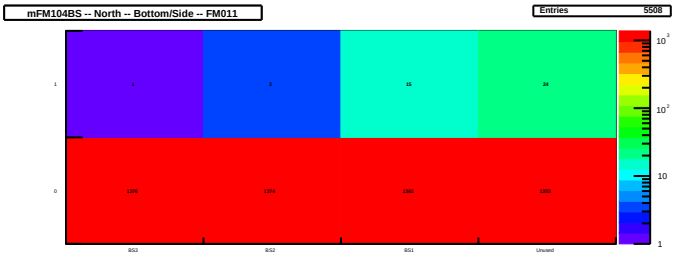

mFM104BSsim -- North -- Top -- FM010
Entries 17
BS3
BS2
BS1-E
BS1-F

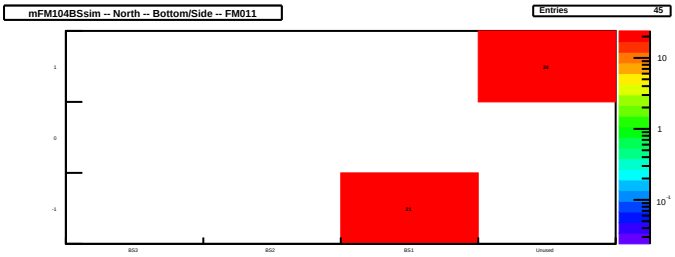

mFM104J -- South -- Top -- FM010
Entries 1377
Unused

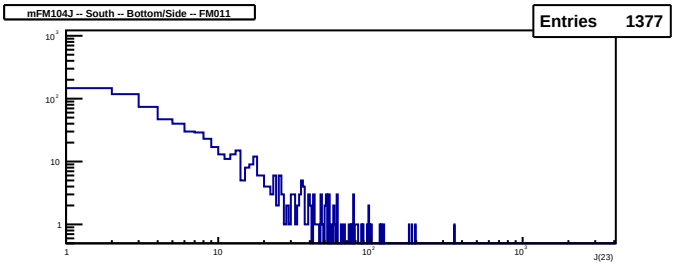

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

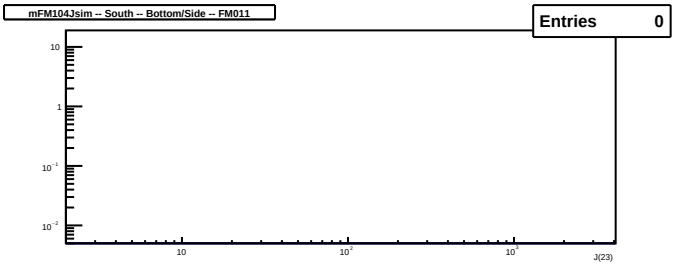

mFM104JP -- South -- Top -- FM010
Entries 2754
JP-EF
Unused

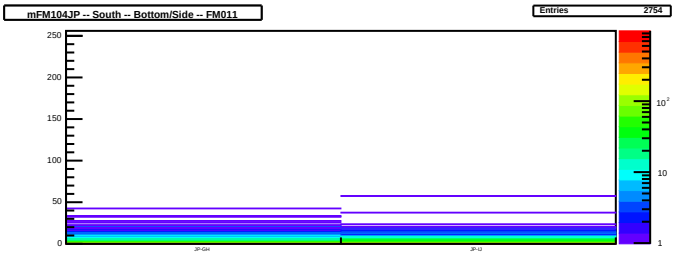

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

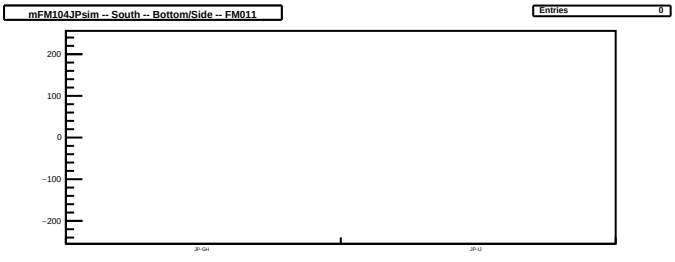

mFM104BS -- North -- Bottom/Side -- FM011
Entries 5508

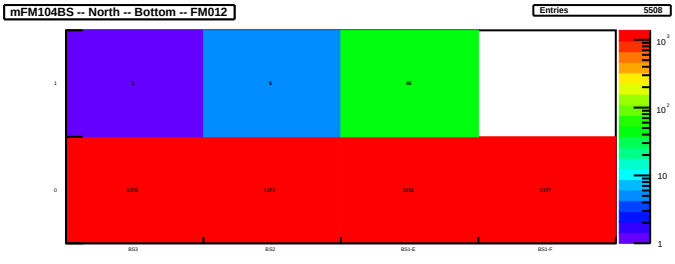

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 45

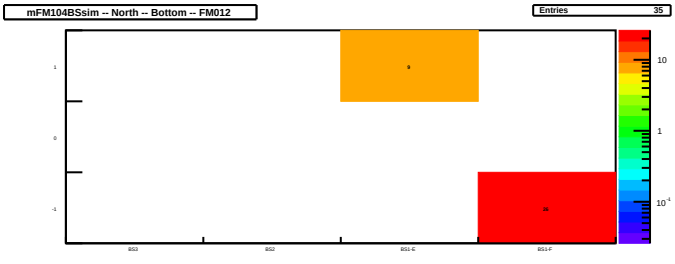

mFM104J -- South -- Bottom/Side -- FM011
Entries 1377
J(23)

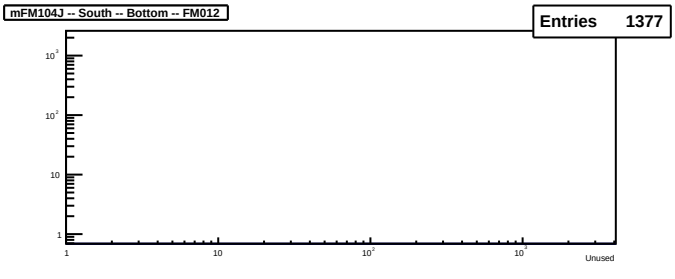

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

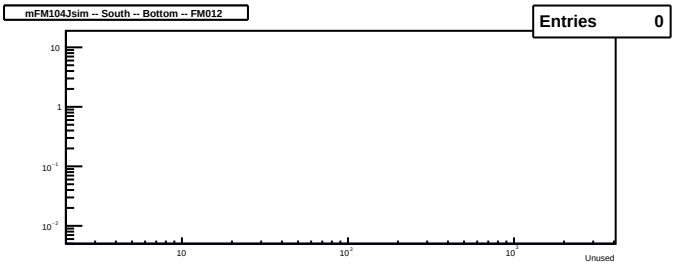

mFM104JP -- South -- Bottom/Side -- FM011
Entries 2754

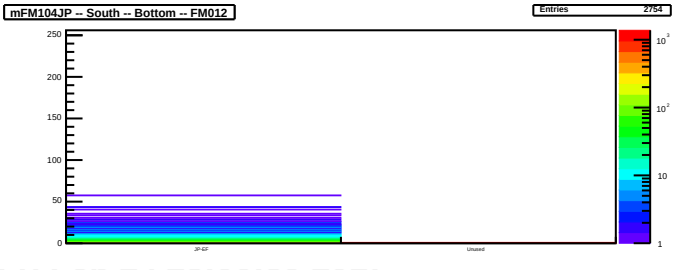

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0

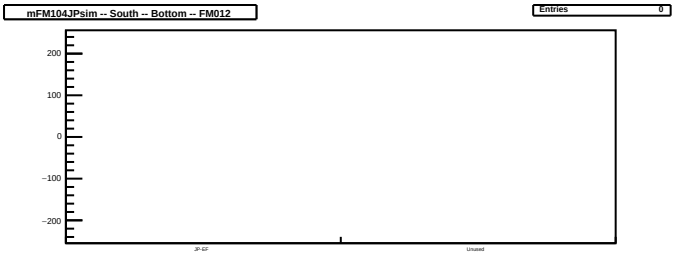

mFM104BS -- North -- Bottom -- FM012
Entries 5508

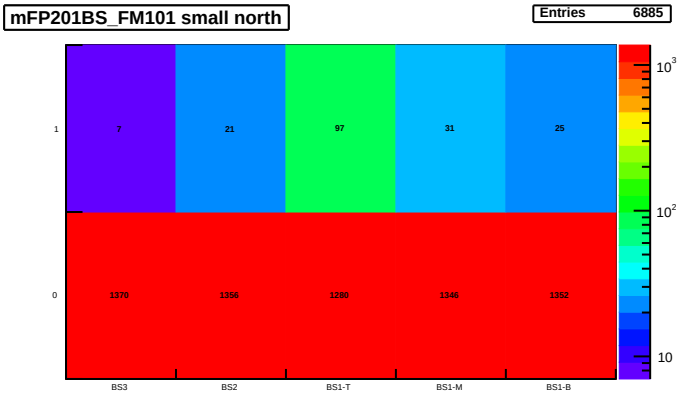

mFM104BSsim -- North -- Bottom -- FM012
Entries 35

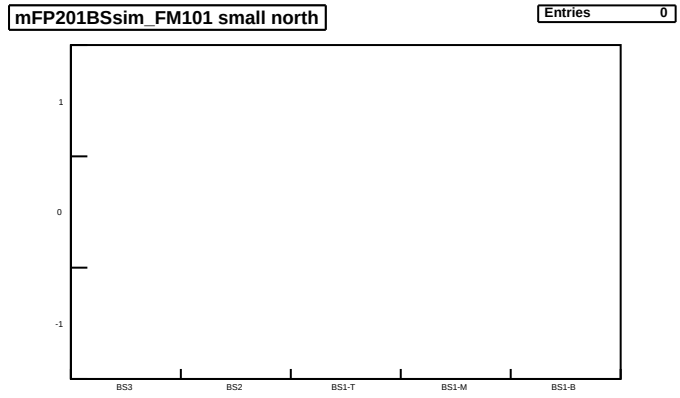

mFM104J -- South -- Bottom -- FM012
Entries 1377
Unused

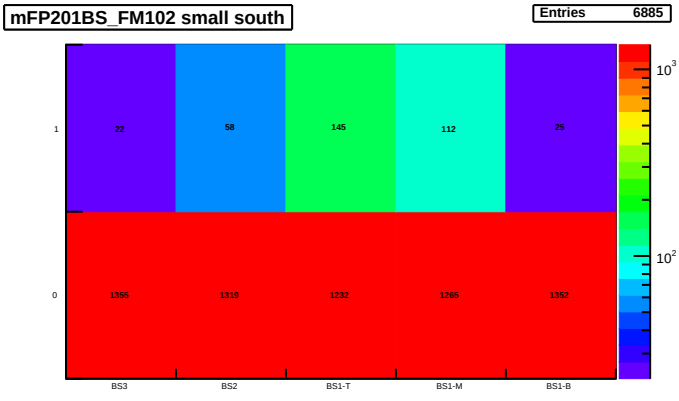

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

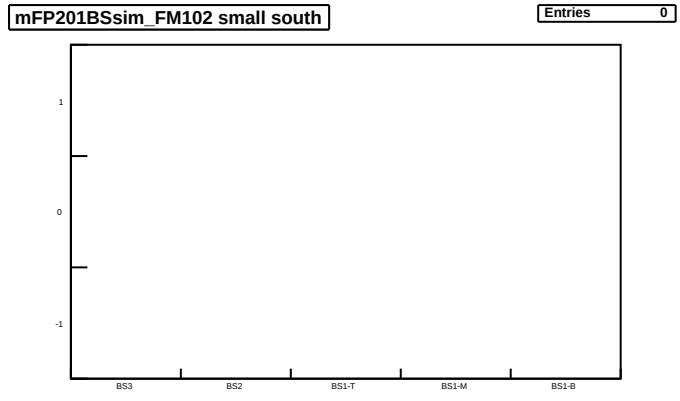

mFM104JP -- South -- Bottom -- FM012
Entries 2754

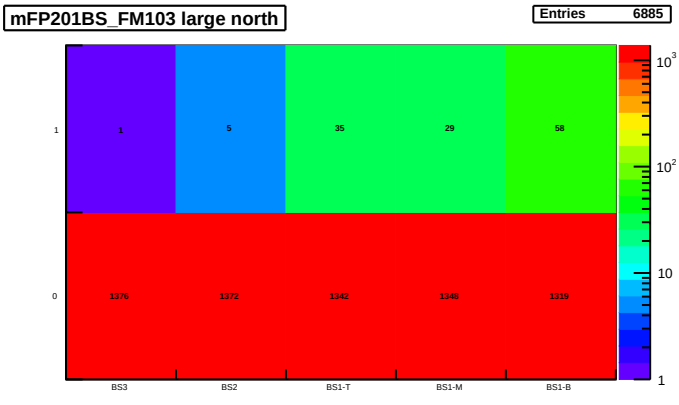

mFM104JPsim -- South -- Bottom -- FM012
Entries 0

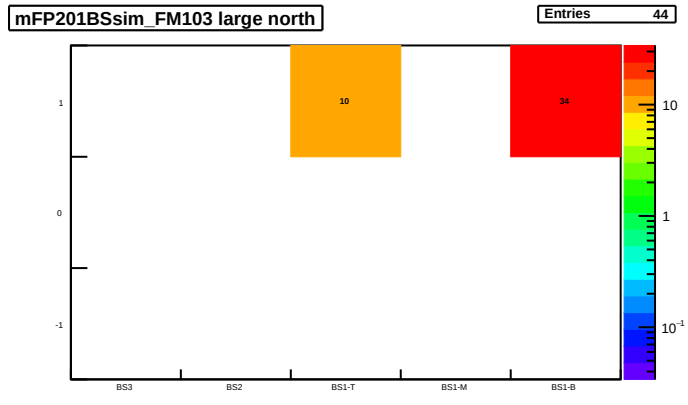

mFP201BS_FM101 small north
Entries 6885
7 21 97 31 25
1370 1356 1280 1346 1352
BS3 BS2 BS1-T BS1-M BS1-B

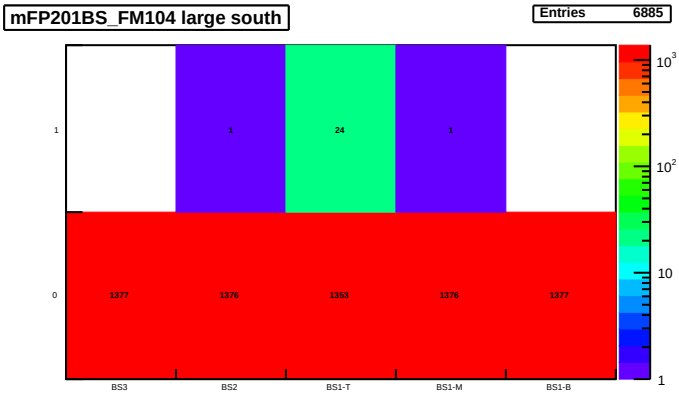

mFP201BSsim_FM101 small north
Entries 0
BS3 BS2 BS1-T BS1-M BS1-B

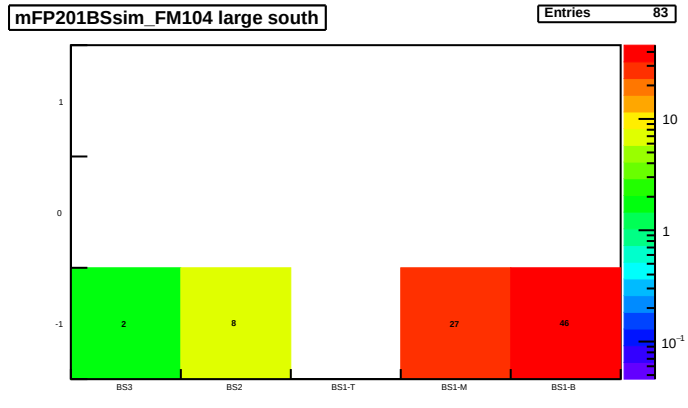

mFP201BS_FM102 small south
Entries 6885
22 58 145 112 25
1355 1319 1232 1265 1352
BS3 BS2 BS1-T BS1-M BS1-B

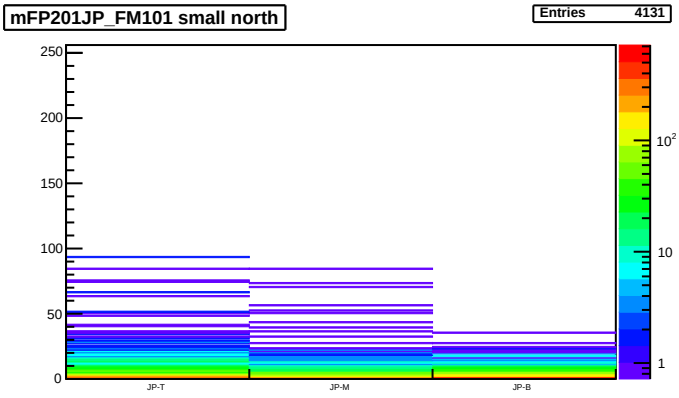

mFP201BSsim_FM102 small south
Entries 0
BS3 BS2 BS1-T BS1-M BS1-B

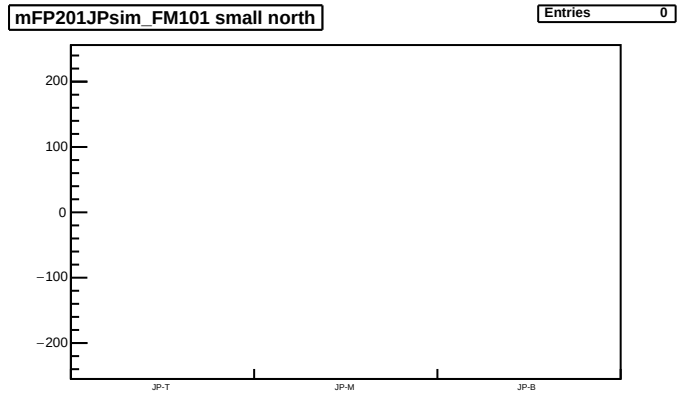

mFP201BS_FM103 large north
Entries 6885
1 5 35 29 58
1376 1372 1342 1348 1319
BS3 BS2 BS1-T BS1-M BS1-B

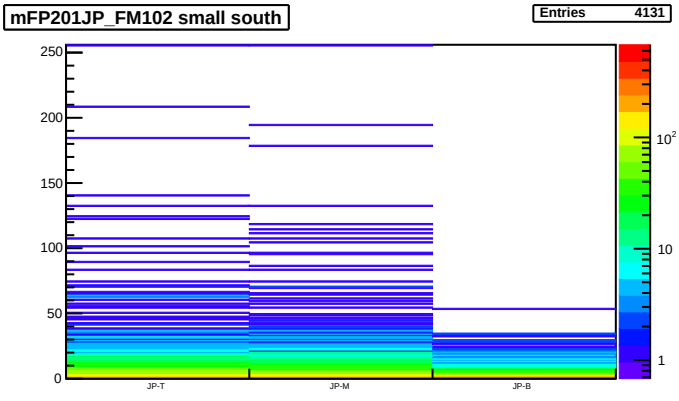

mFP201BSsim_FM103 large north
Entries 44
10 34
BS3 BS2 BS1-T BS1-M BS1-B

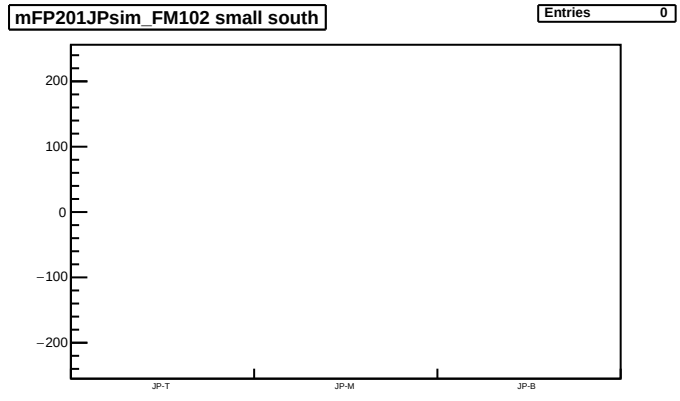

mFP201BS_FM104 large south
Entries 6885
1 24 1
1377 1376 1353 1376 1377
BS3 BS2 BS1-T BS1-M BS1-B

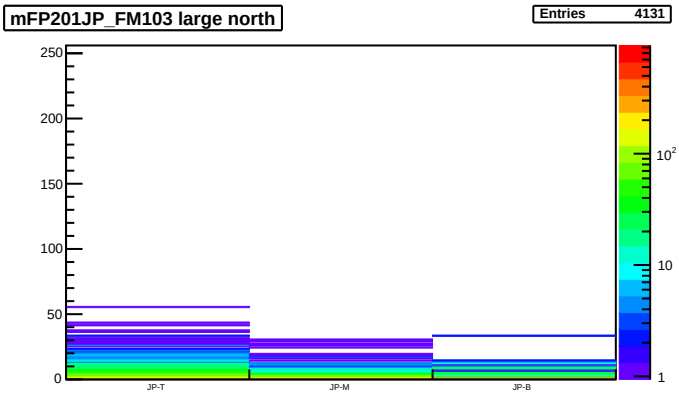

mFP201BSsim_FM104 large south
Entries 83
2 8 27 46
BS3 BS2 BS1-T BS1-M BS1-B

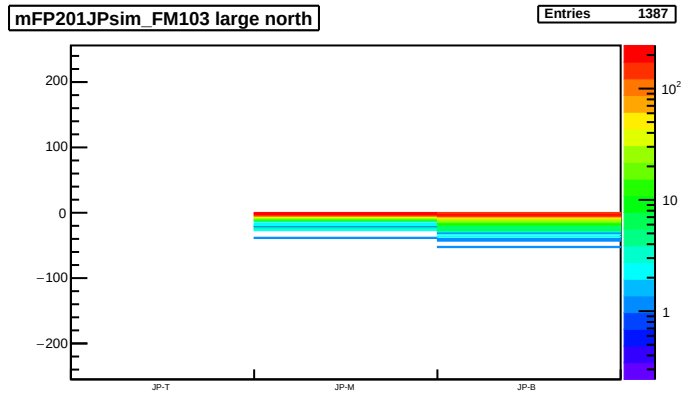

mFP201JP_FM101 small north
Entries 4131
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^2
10
1

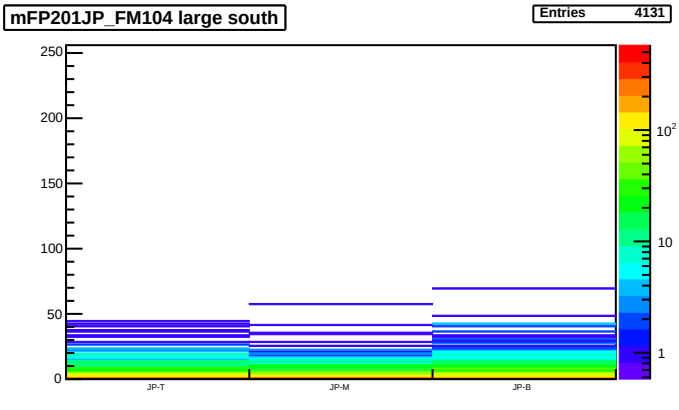

mFP201JPsim_FM101 small north
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

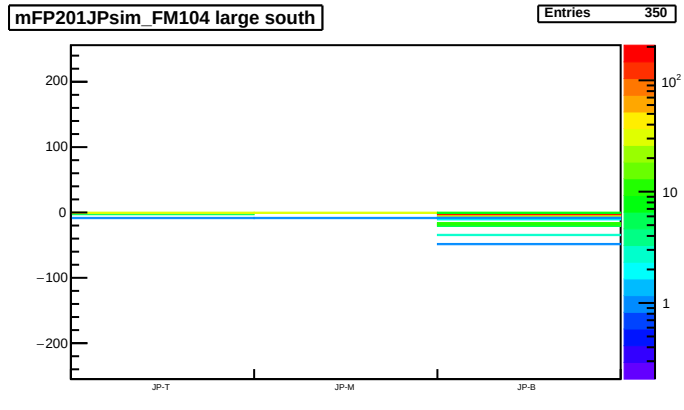

mFP201JP_FM102 small south
Entries 4131
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^2
10
1

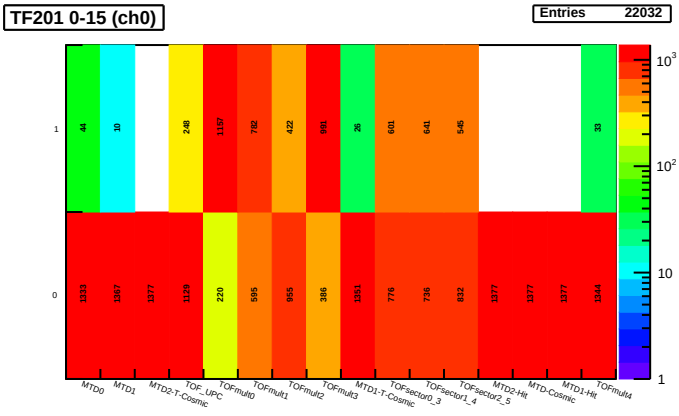

mFP201JPsim_FM102 small south
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

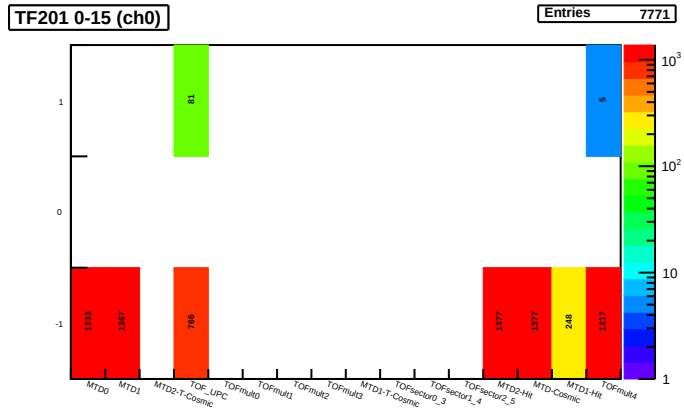

mFP201JP_FM103 large north
Entries 4131
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^2
10
1

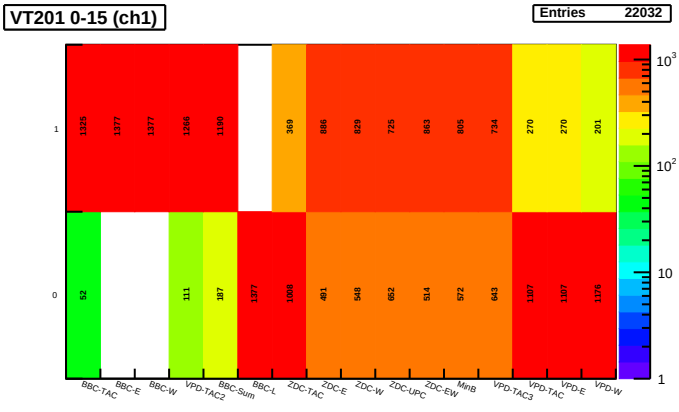

mFP201JPsim_FM103 large north
Entries 1387
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^2
10
1

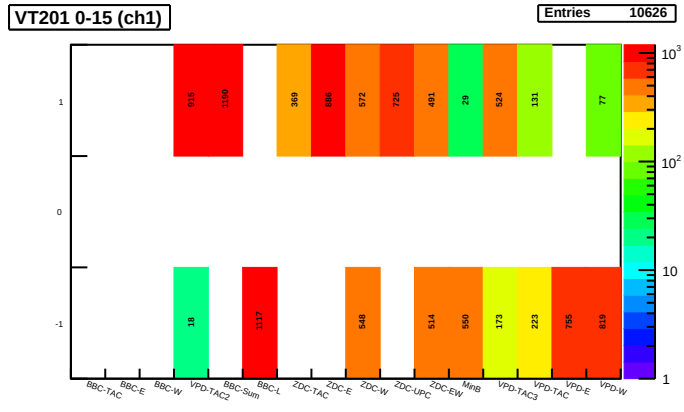

mFP201JP_FM104 large south
Entries 4131
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^2
10
1

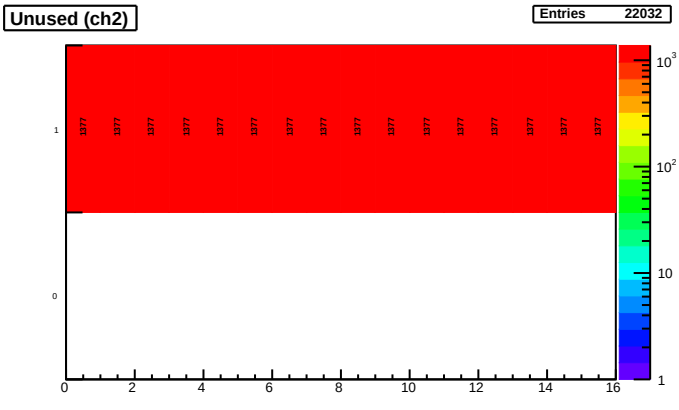

mFP201JPsim_FM104 large south
Entries 350
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^2
10
1

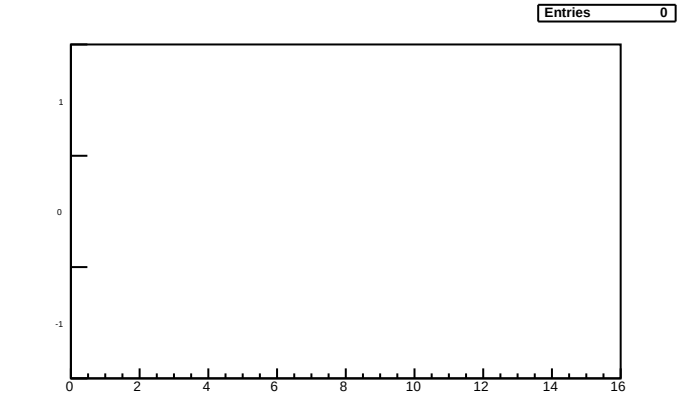

TF201 0-15 (ch0)
Entries 22032
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

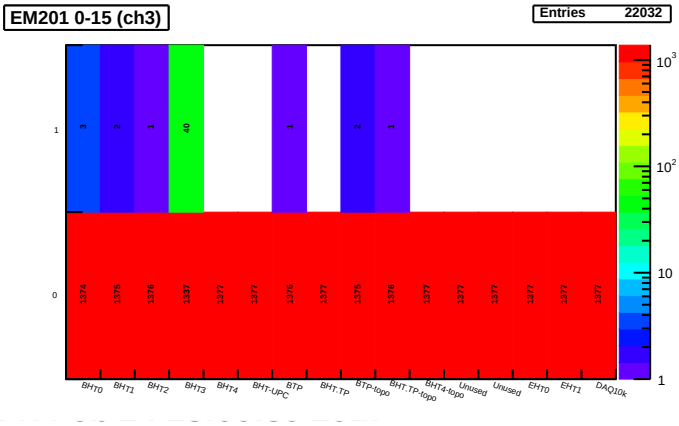

TF201 0-15 (ch0)
Entries 7771
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

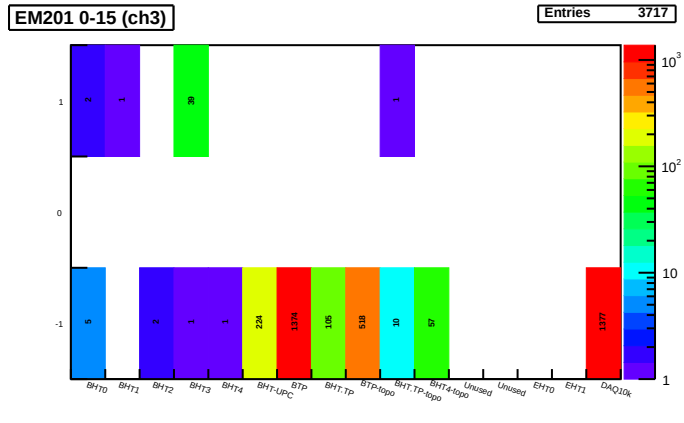

VT201 0-15 (ch1)
Entries 22032
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

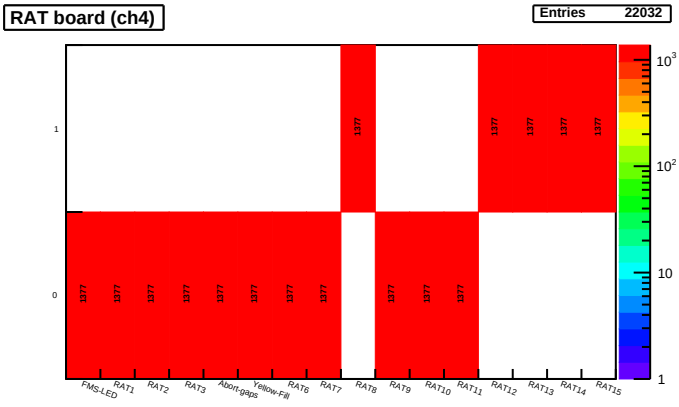

VT201 0-15 (ch1)
Entries 10626
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

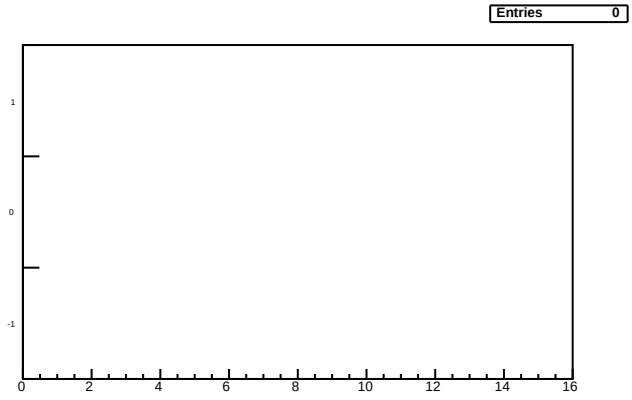

Unused (ch2)
Entries 22032

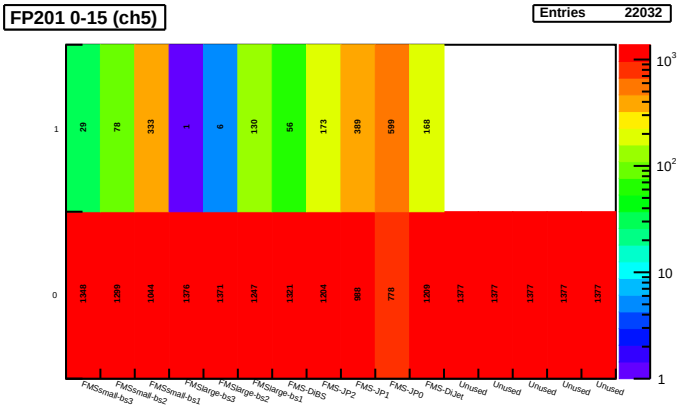

Entries 0

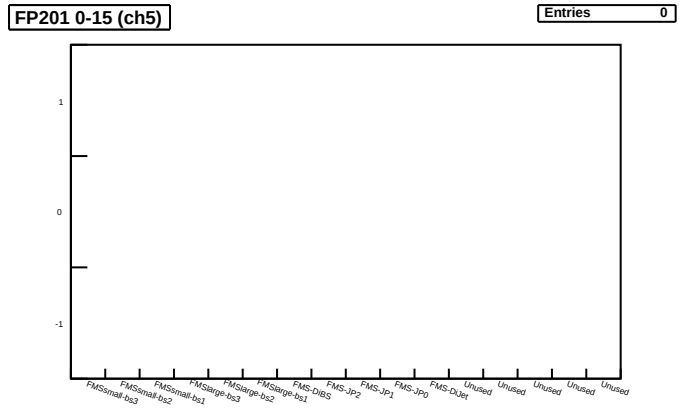

EM201 0-15 (ch3)
Entries 22032
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

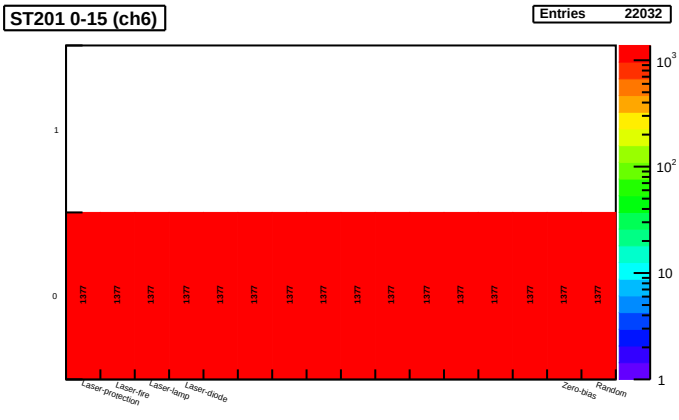

EM201 0-15 (ch3)
Entries 3717
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

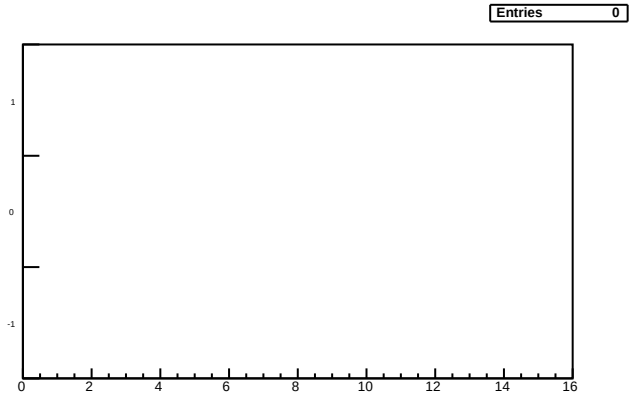

RAT board (ch4)
Entries 22032
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15


Entries 0


FP201 0-15 (ch5)
Entries 22032
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-DiJet
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 22032
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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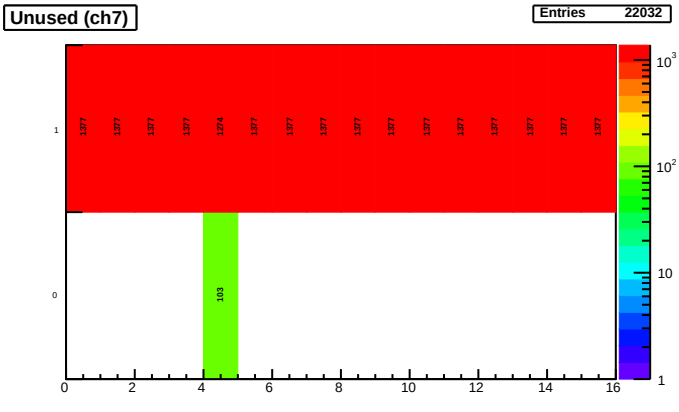
Unused (ch7)
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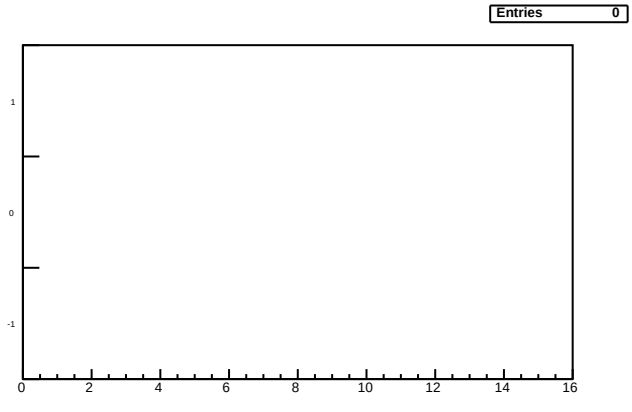
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