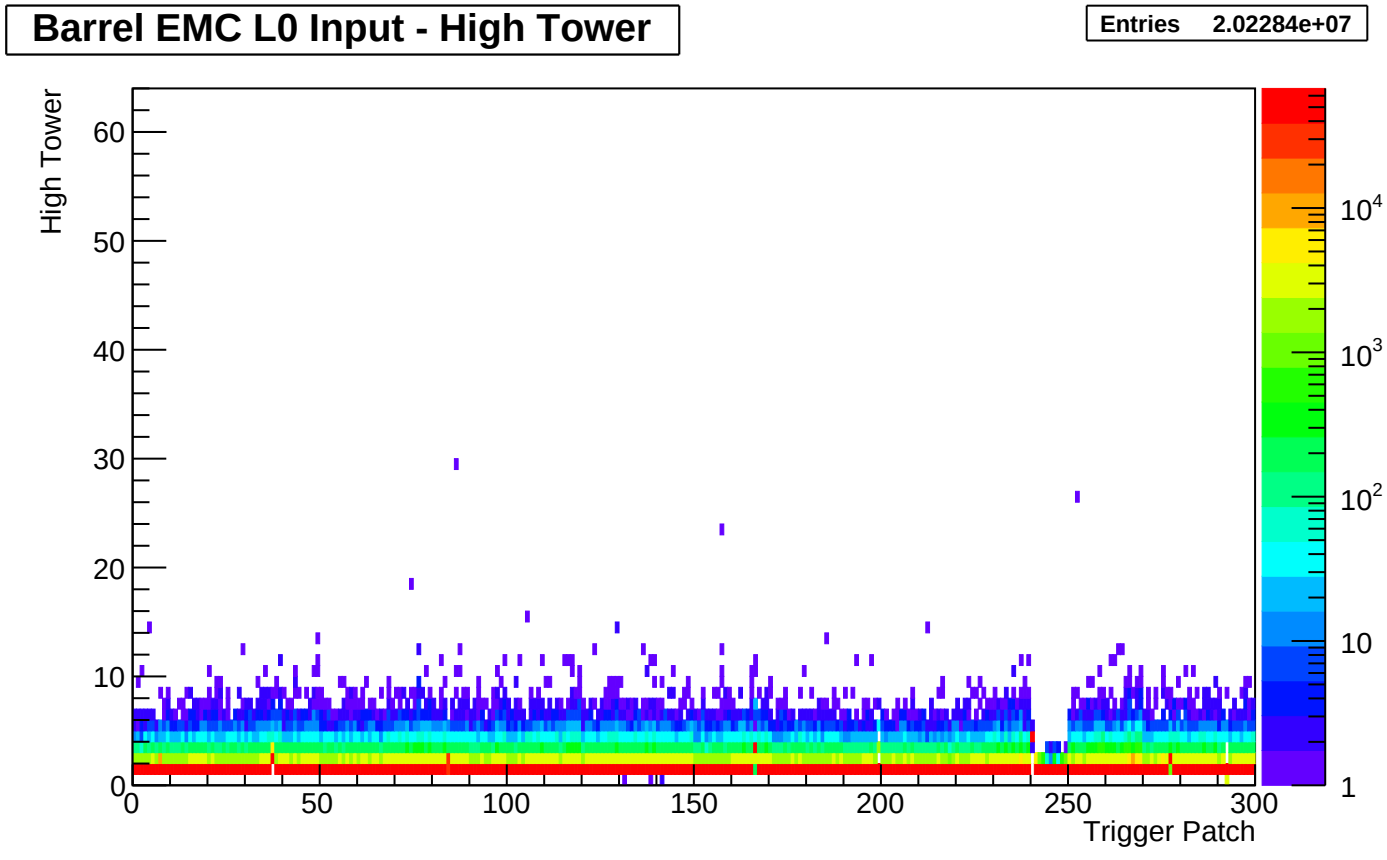
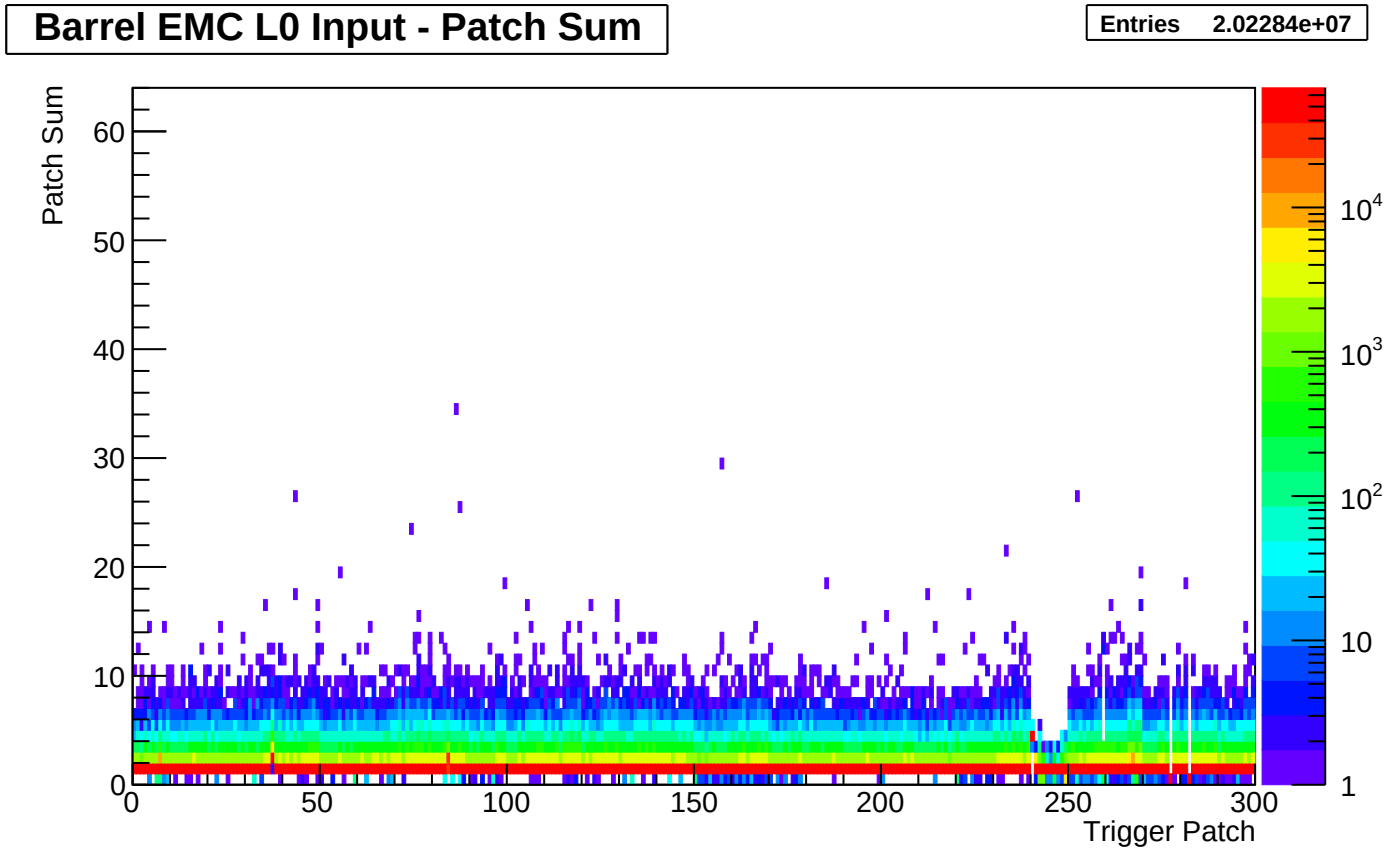
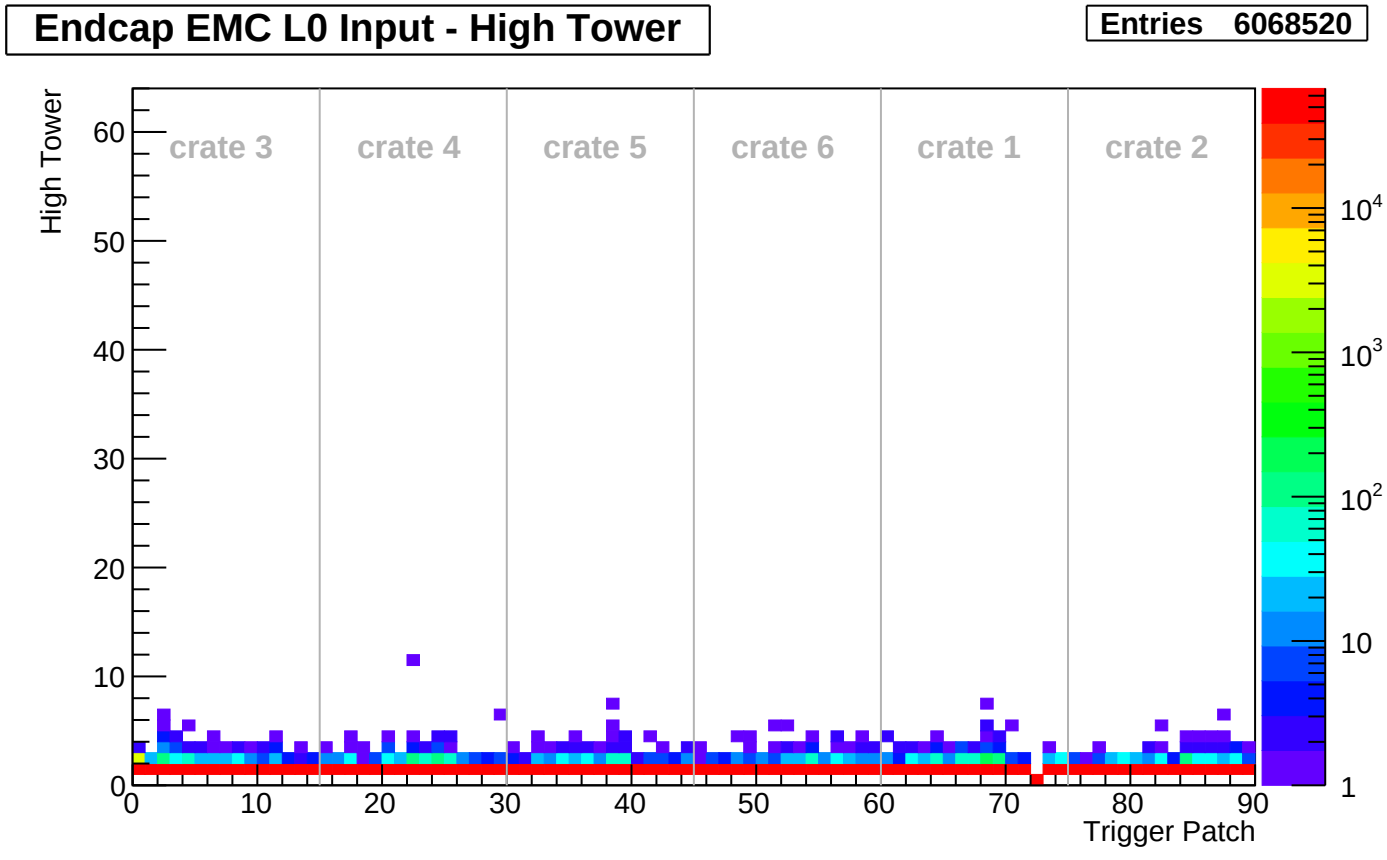
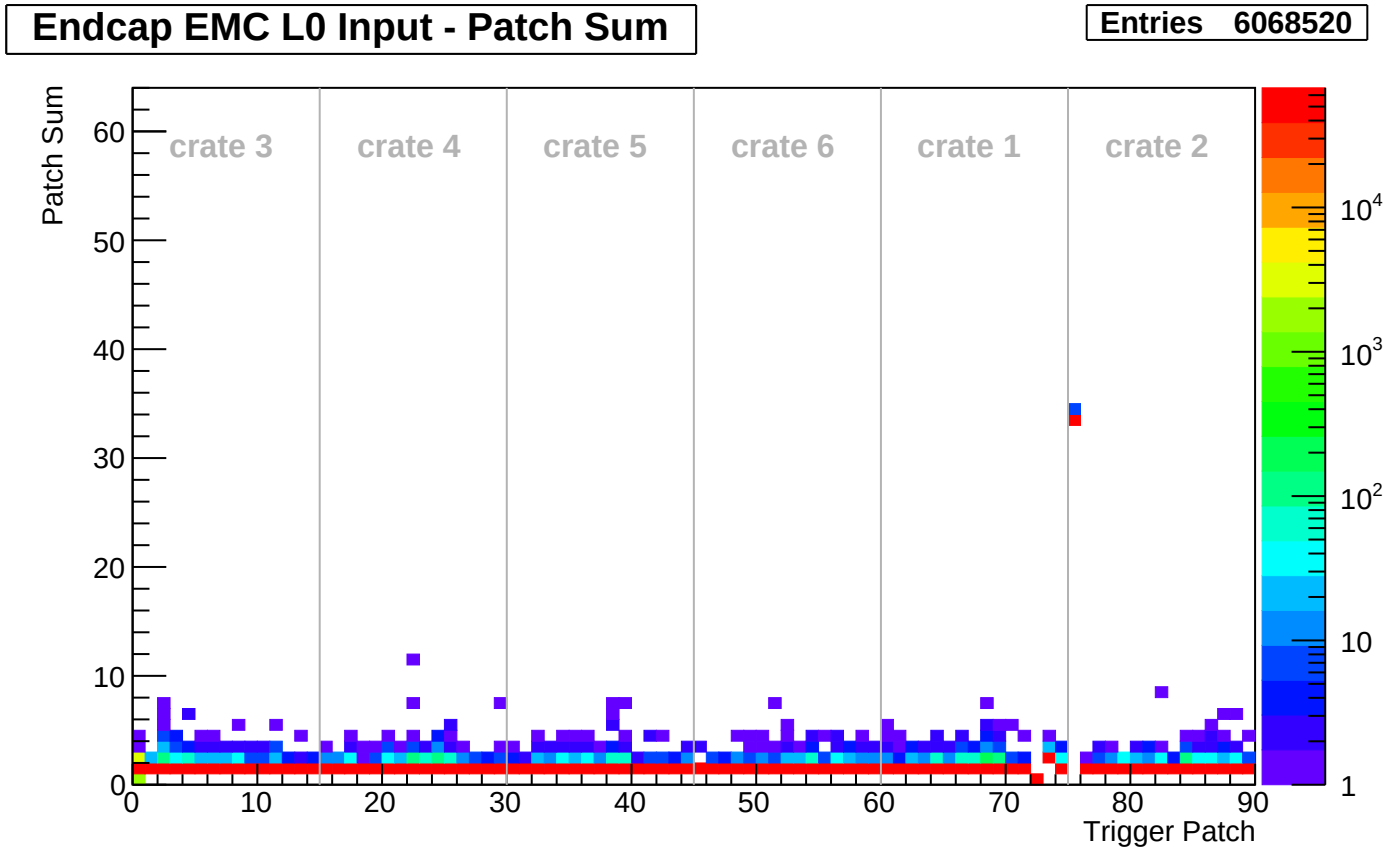
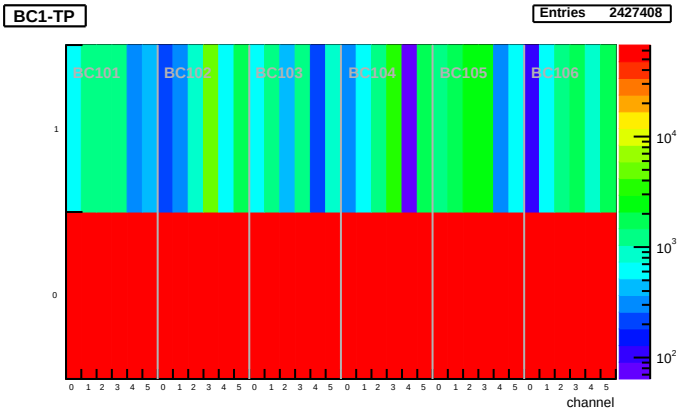
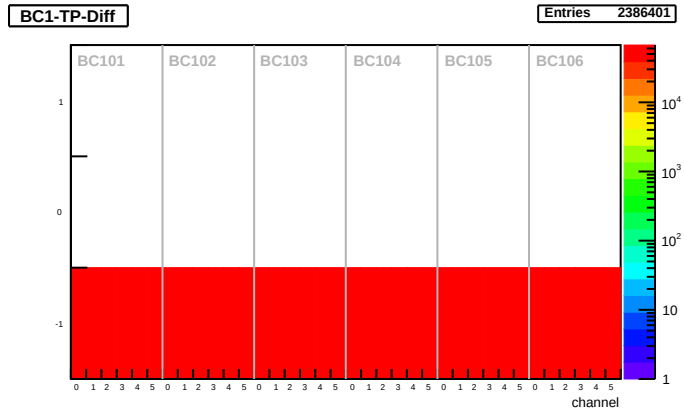

Barrel EMC L0 Input - High Tower
Entries 2.02284e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

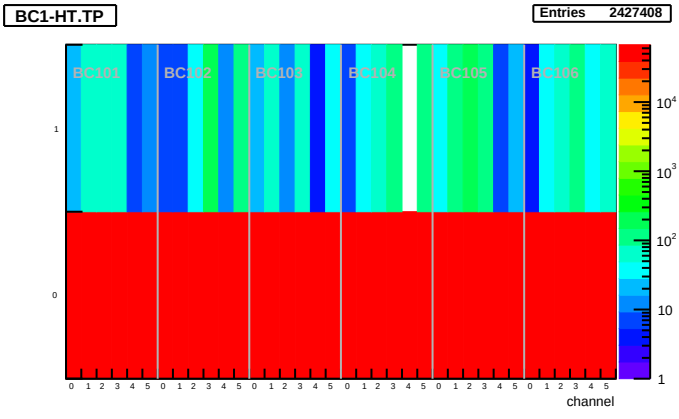

Barrel EMC L0 Input - Patch Sum
Entries 2.02284e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

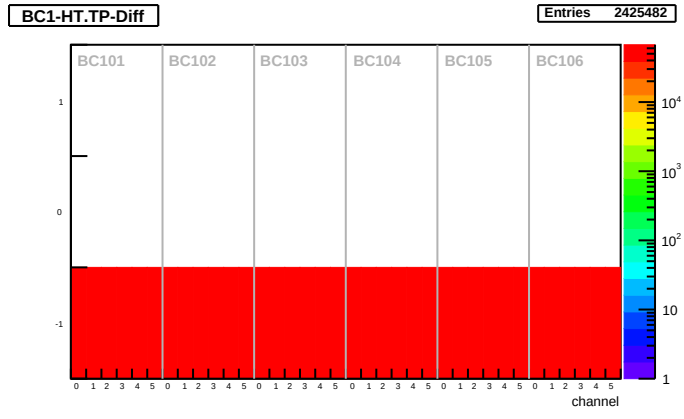

Endcap EMC L0 Input - High Tower
Entries 6068520
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

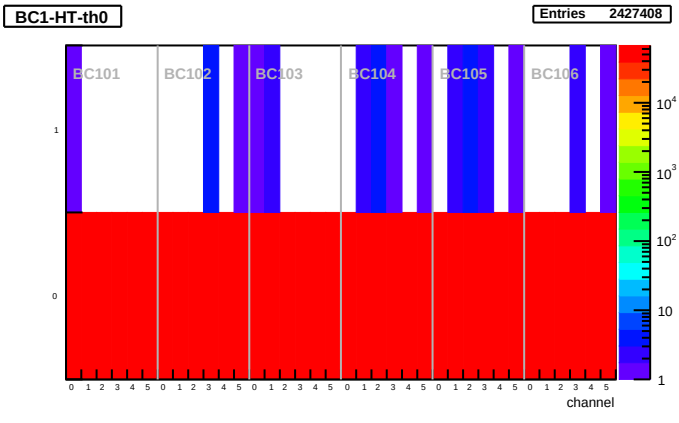

Endcap EMC L0 Input - Patch Sum
Entries 6068520
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

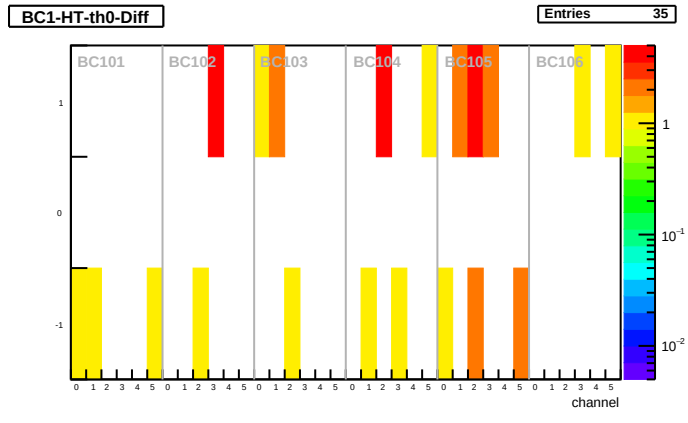

BC1-TP
Entries 2427408
BC101
BC102
BC103
BC104
BC105
BC106
channel

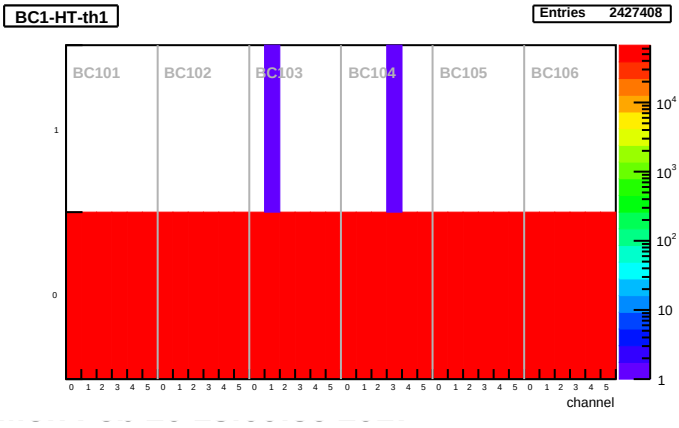

BC1-TP-Diff
Entries 2386401
BC101
BC102
BC103
BC104
BC105
BC106
channel

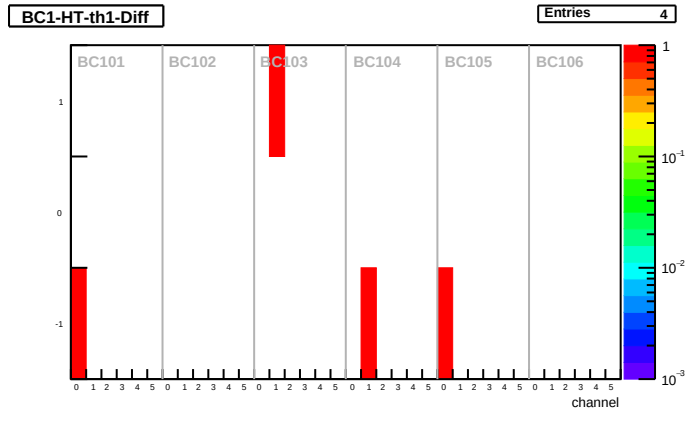

BC1-HT.TP
Entries 2427408
BC101
BC102
BC103
BC104
BC105
BC106
channel

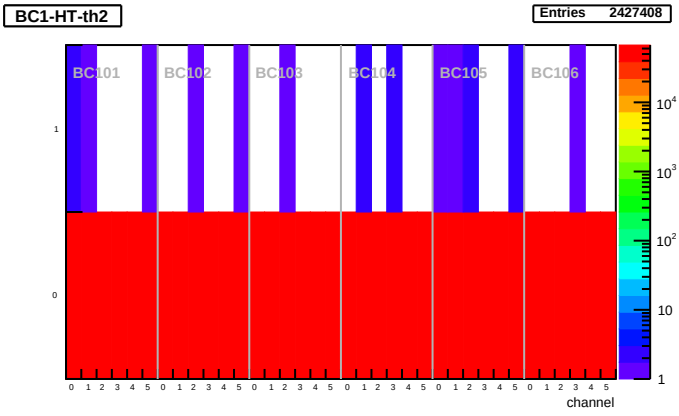

BC1-HT.TP-Diff
Entries 2425482
BC101
BC102
BC103
BC104
BC105
BC106
channel

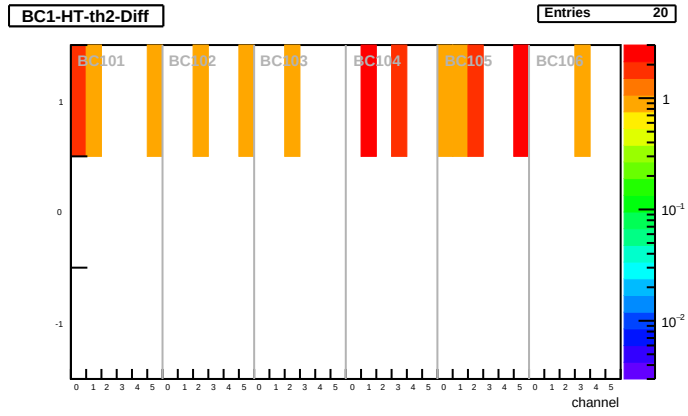

BC1-HT-th0
Entries 2427408
BC101
BC102
BC103
BC104
BC105
BC106
channel

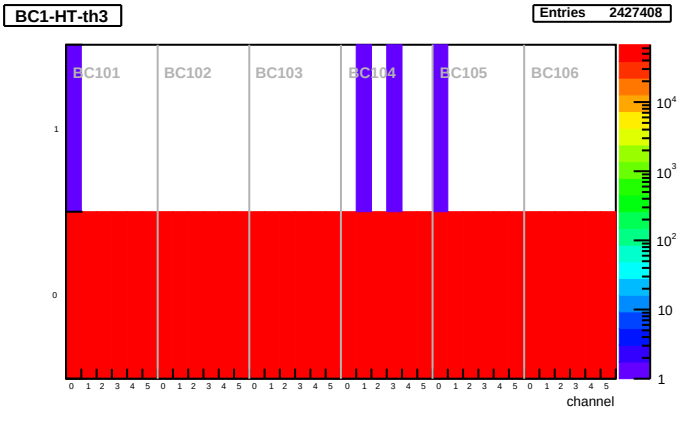

BC1-HT-th0-Diff
Entries 35
BC101
BC102
BC103
BC104
BC105
BC106
channel

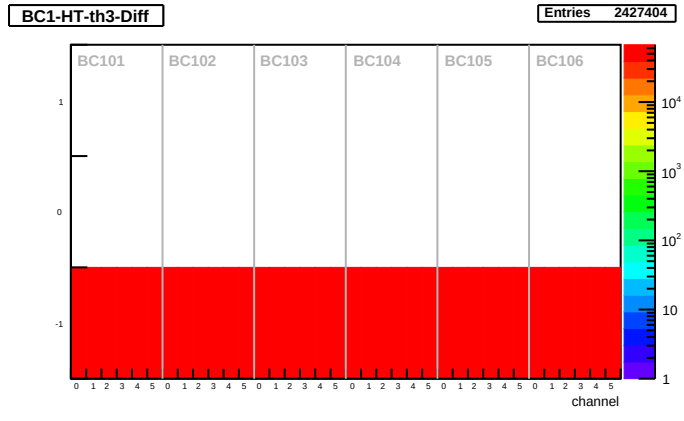

BC1-HT-th1
Entries 2427408
BC101
BC102
BC103
BC104
BC105
BC106
channel

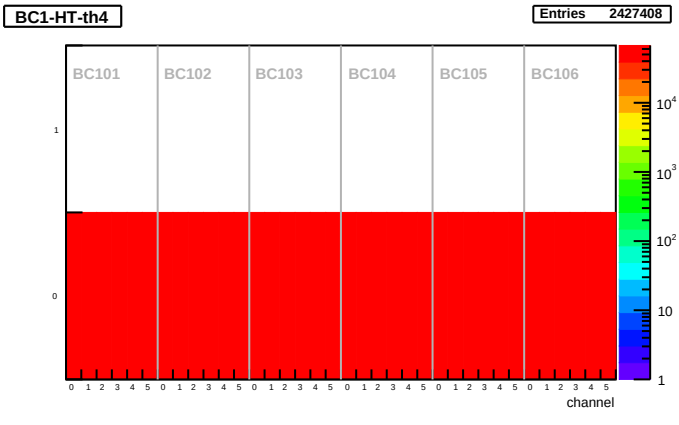

BC1-HT-th1-Diff
Entries 4
BC101
BC102
BC103
BC104
BC105
BC106
channel

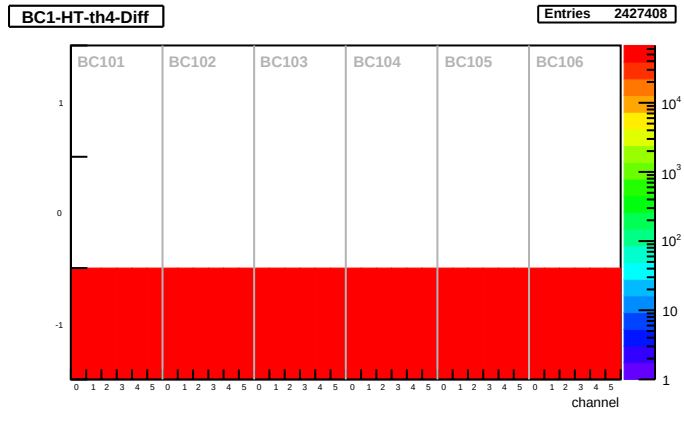

BC1-HT-th2
Entries 2427408
BC101
BC102
BC103
BC104
BC105
BC106
channel

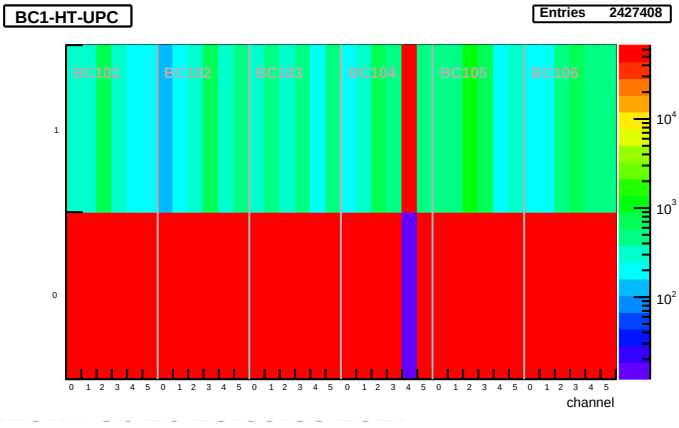

BC1-HT-th2-Diff
Entries 20
BC101
BC102
BC103
BC104
BC105
BC106
channel

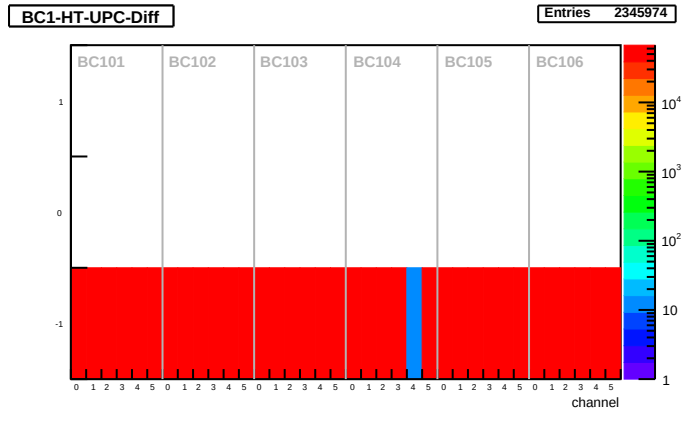

BC1-HT-th3
Entries 2427408
BC101
BC102
BC103
BC104
BC105
BC106
channel

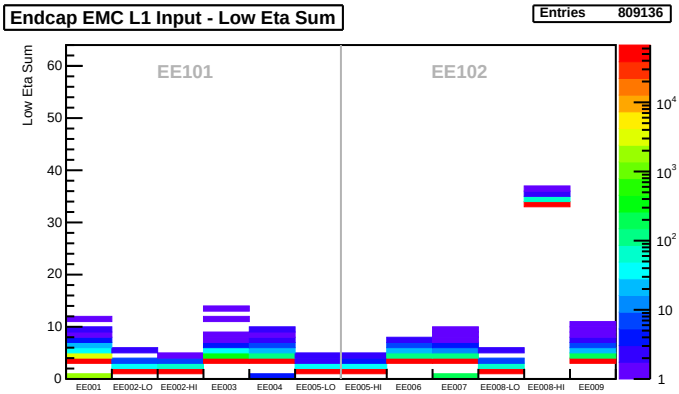

BC1-HT-th3-Diff
Entries 2427404
BC101
BC102
BC103
BC104
BC105
BC106
channel

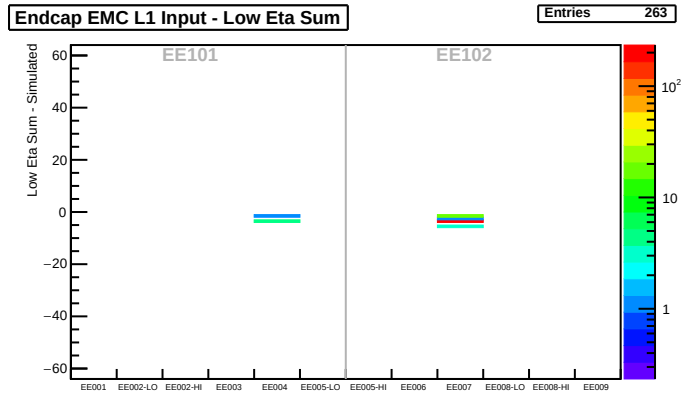

BC1-HT-th4
Entries 2427408
BC101
BC102
BC103
BC104
BC105
BC106
channel

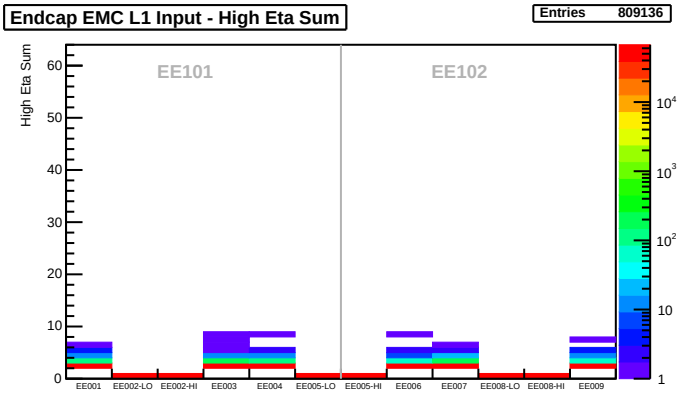

BC1-HT-th4-Diff
Entries 2427408
BC101
BC102
BC103
BC104
BC105
BC106
channel

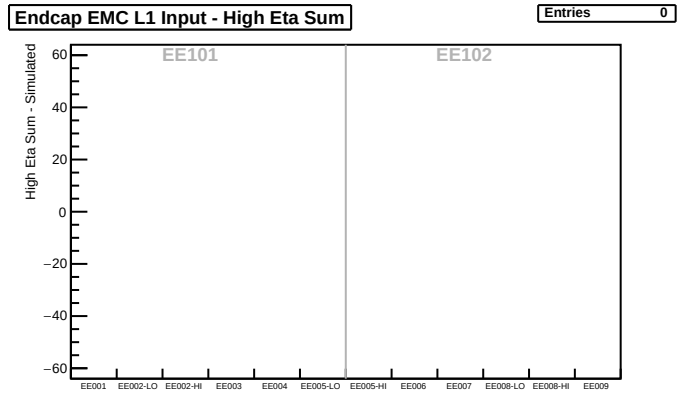

BC1-HT-UPC
Entries 2427408
BC101
BC102
BC103
BC104
BC105
BC106
channel

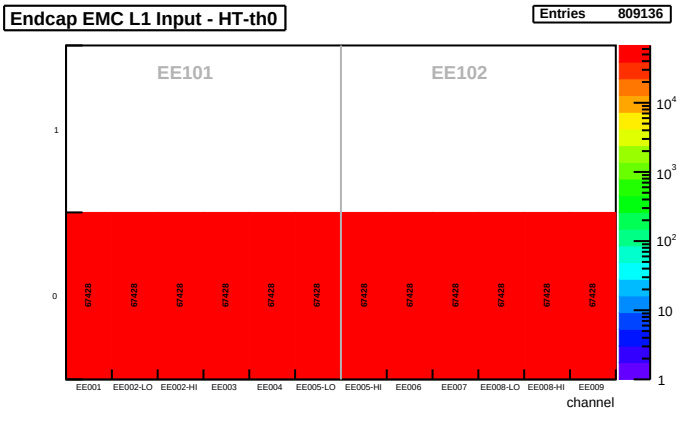

BC1-HT-UPC-Diff
Entries 2345974
BC101
BC102
BC103
BC104
BC105
BC106
channel

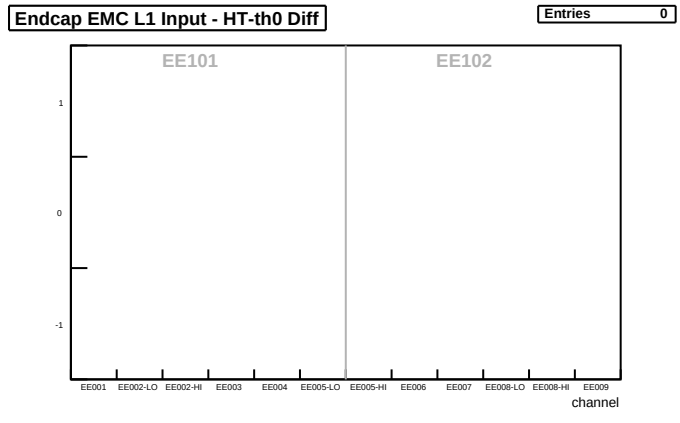

Endcap EMC L1 Input - Low Eta Sum
Entries 809136
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

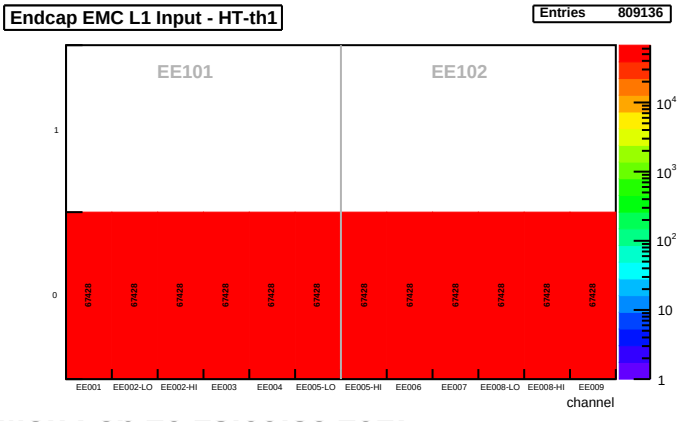

Endcap EMC L1 Input - Low Eta Sum
Entries 263
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

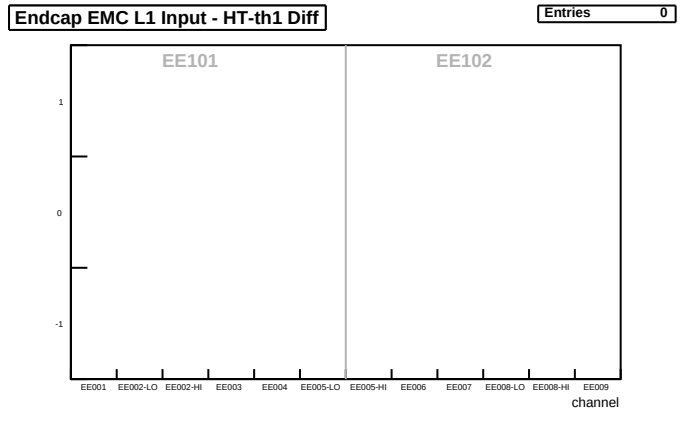

Endcap EMC L1 Input - High Eta Sum
Entries 809136
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

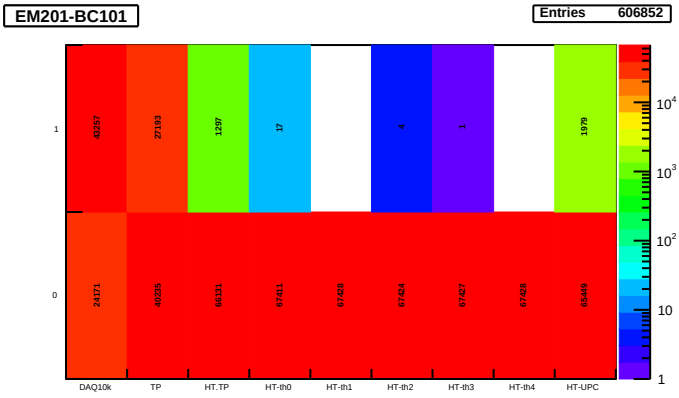

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

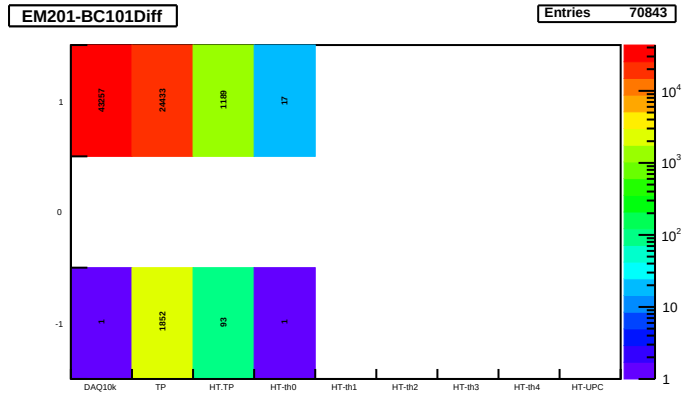

Endcap EMC L1 Input - HT-th0
Entries 809136
EE101
EE102
67428
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

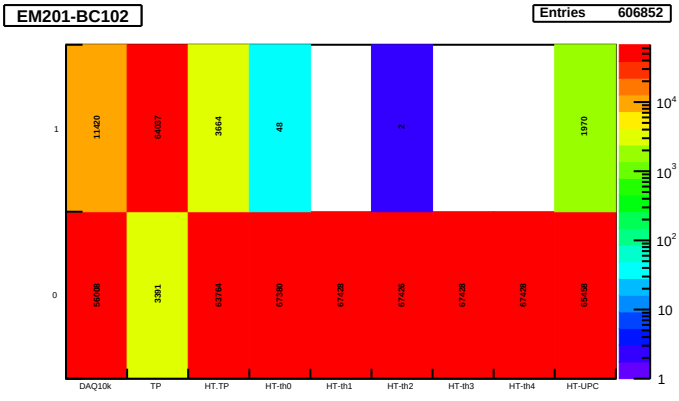

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

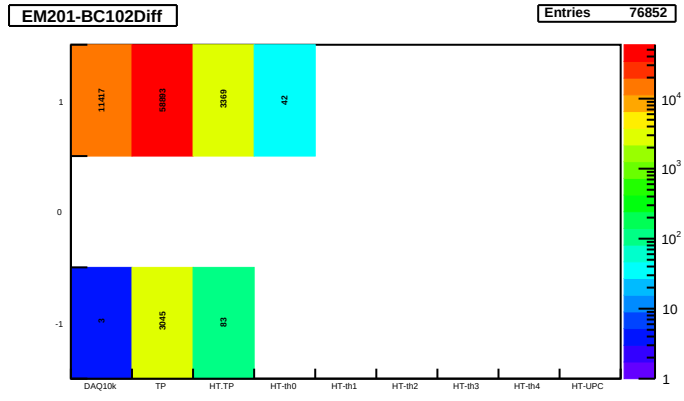

Endcap EMC L1 Input - HT-th1
Entries 809136
EE101
EE102
67428
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

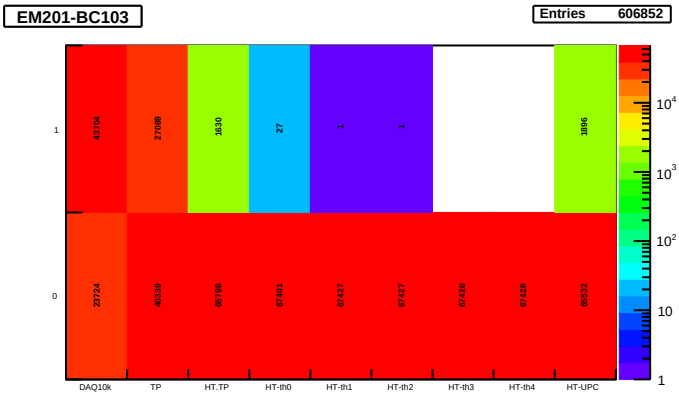

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

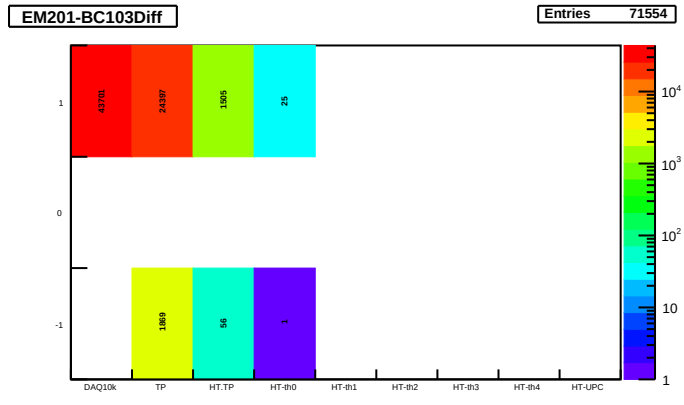

EM201-BC101
Entries 606852
1
0
43257
27193
1297
17
4
1
1979
24171
40255
66131
67411
67428
67424
67427
67428
65449
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

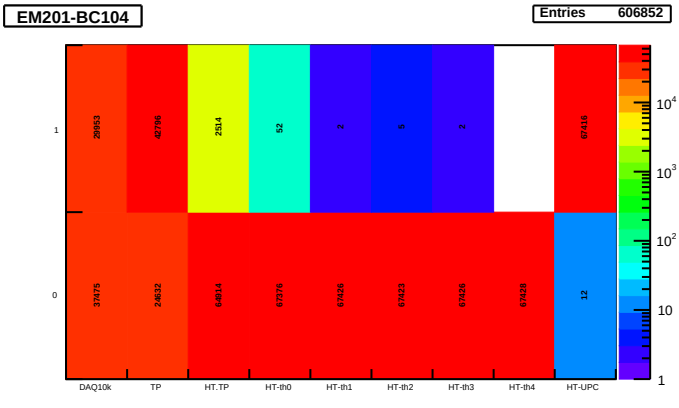

EM201-BC101Diff
Entries 70843
1
0
-1
43257
24433
1189
17
1
1852
93
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

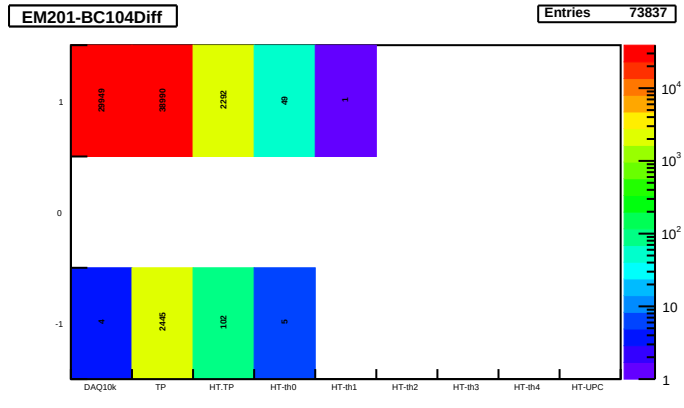

EM201-BC102
Entries 606852
1
0
11420
64037
3664
48
2
1970
56008
3391
63764
67380
67428
67426
67428
67428
65458
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC102Diff
Entries 76852
1
0
-1
11417
58893
3269
42
3
3045
83
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

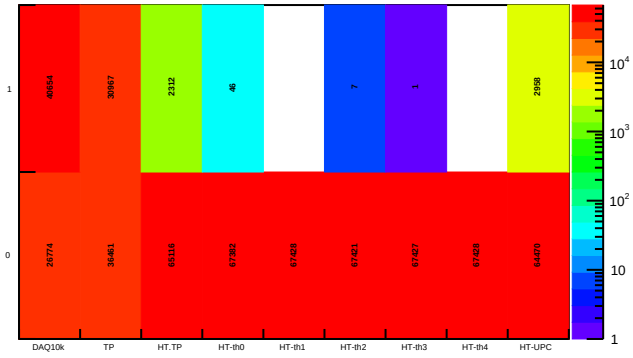

EM201-BC103
Entries 606852
1
0
43704
27089
1630
27
1
1
1896
23724
40339
65298
67401
67427
67427
67428
67428
65532
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC103Diff
Entries 71554
1
0
-1
43701
24397
1505
25
1869
56
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

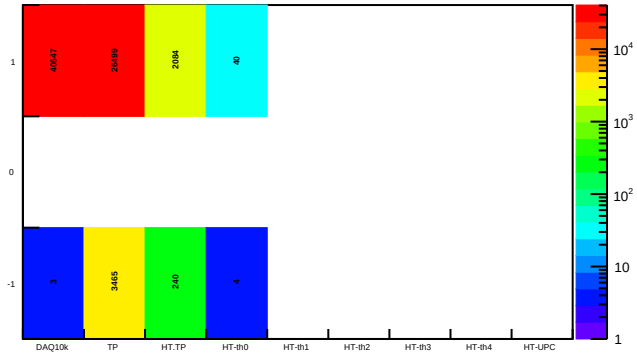

EM201-BC104
Entries 606852
1
0
29953
42786
2514
52
2
5
2
67416
37475
24632
64014
67376
67426
67423
67426
67428
12
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC104Diff
Entries 73837
1
0
-1
29949
38990
2292
49
1
4
2445
102
5
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

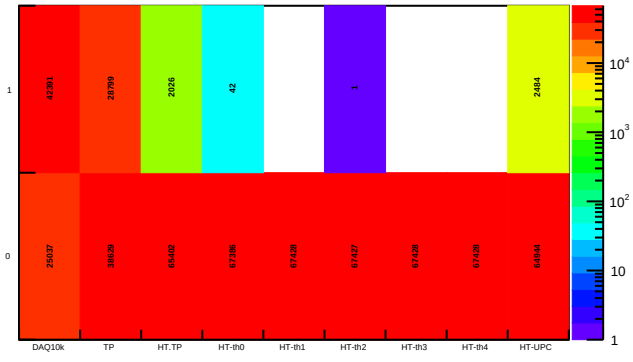
EM201-BC105 Entries 606852



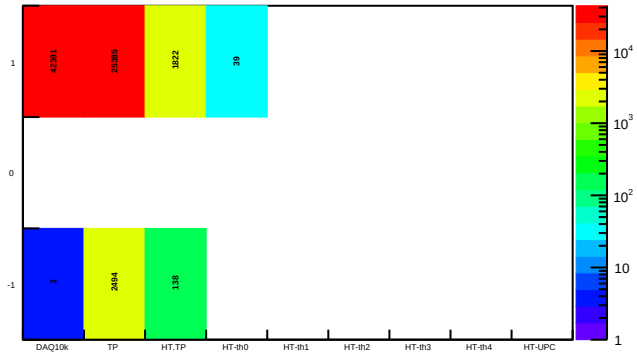
EM201-BC105Diff Entries 72982



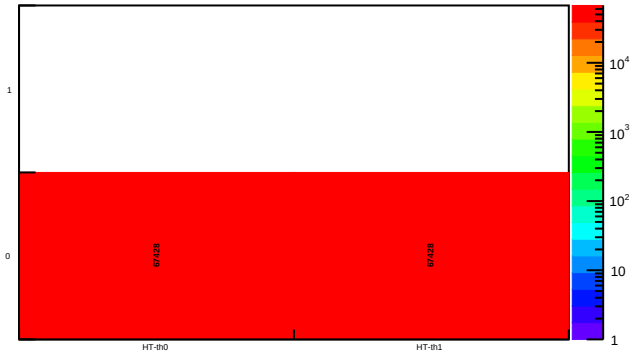
EM201-BC106 Entries 606852



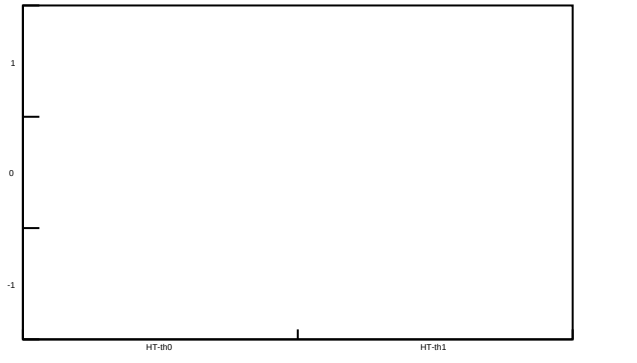
EM201-BC106Diff Entries 72272



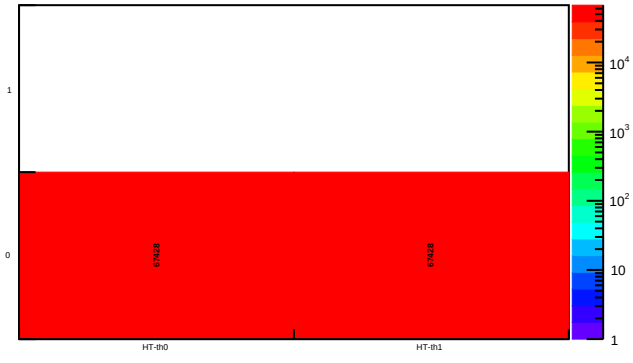
EM201-EE101 Entries 134856



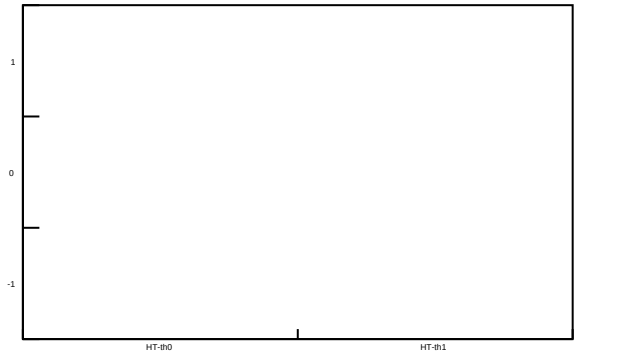
EM201-EE101Diff Entries 0

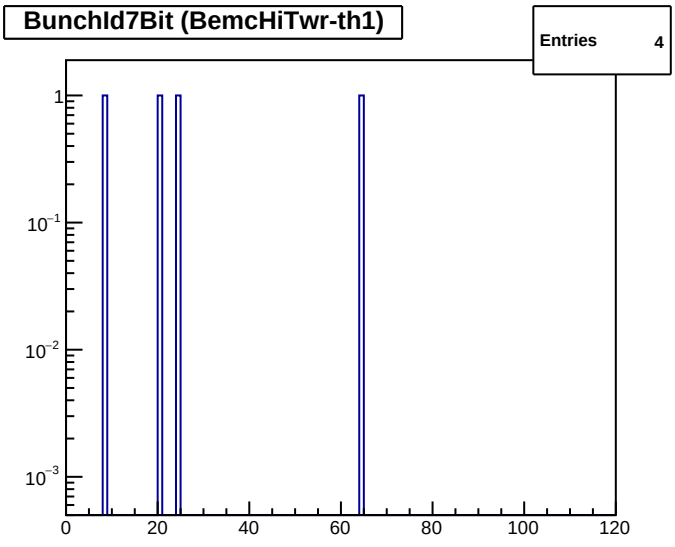


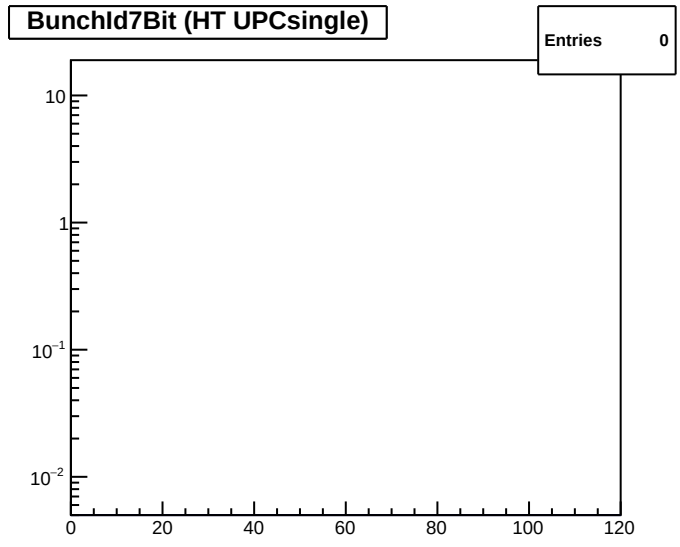
EM201-EE102 Entries 134856

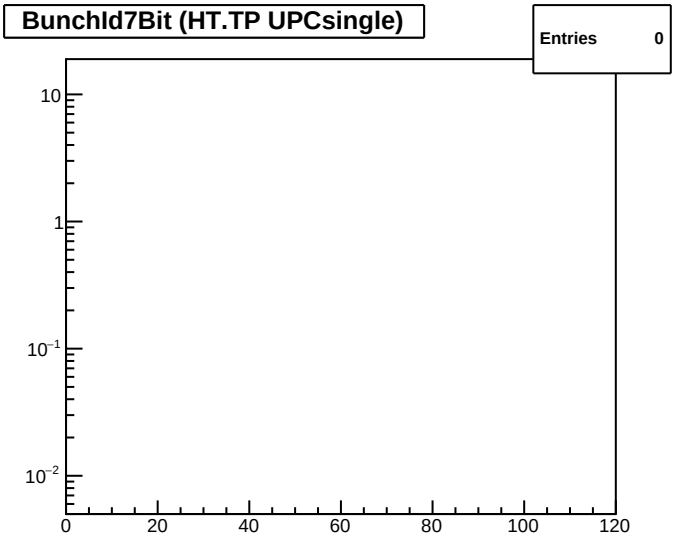


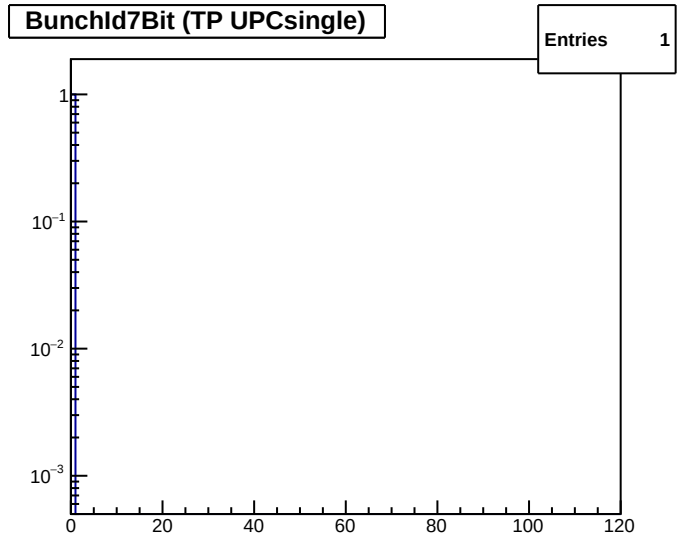
EM201-EE102Diff Entries 0

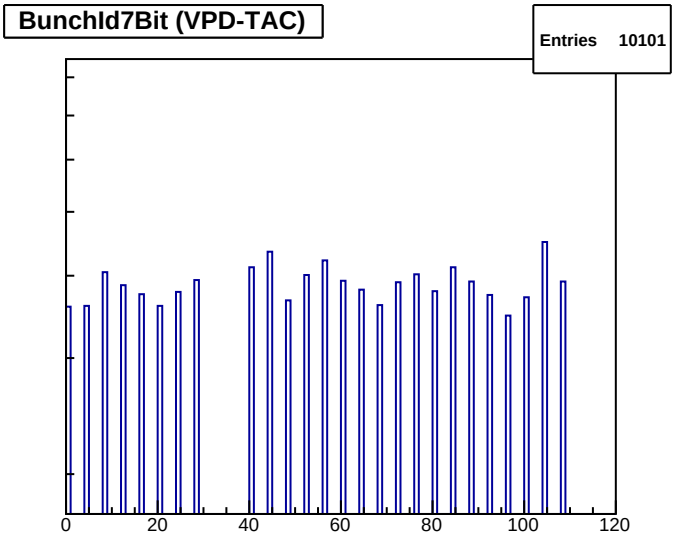


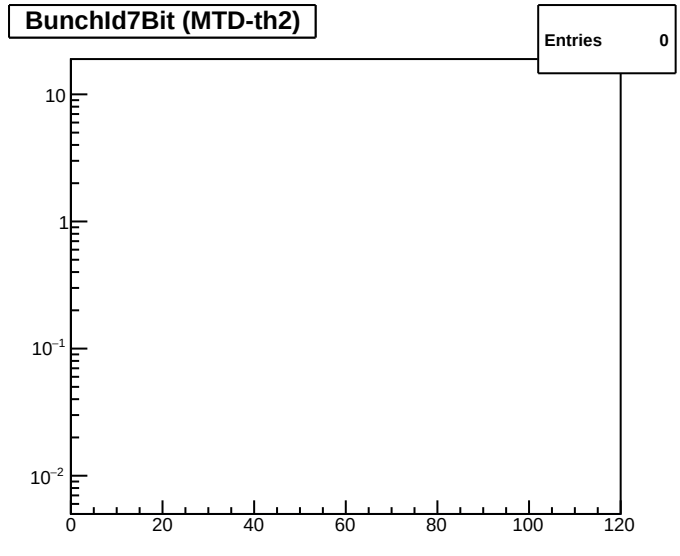

BunchId7Bit (BemcHiTwr-th1)
Entries 4
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

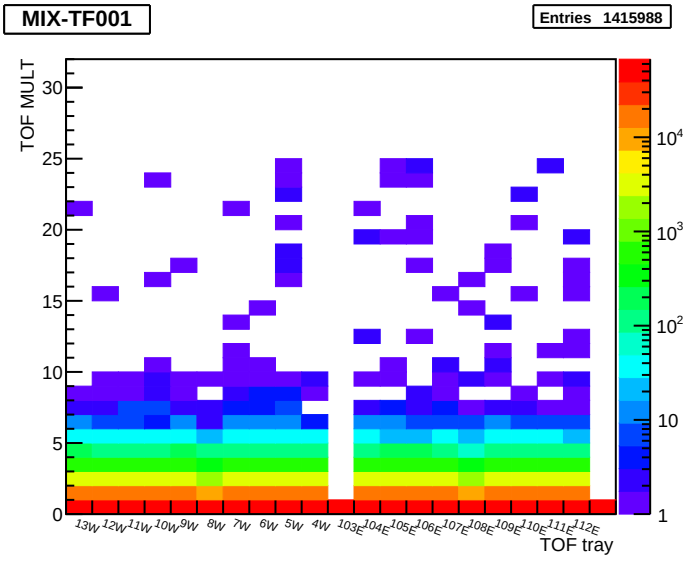

BunchId7Bit (HT UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

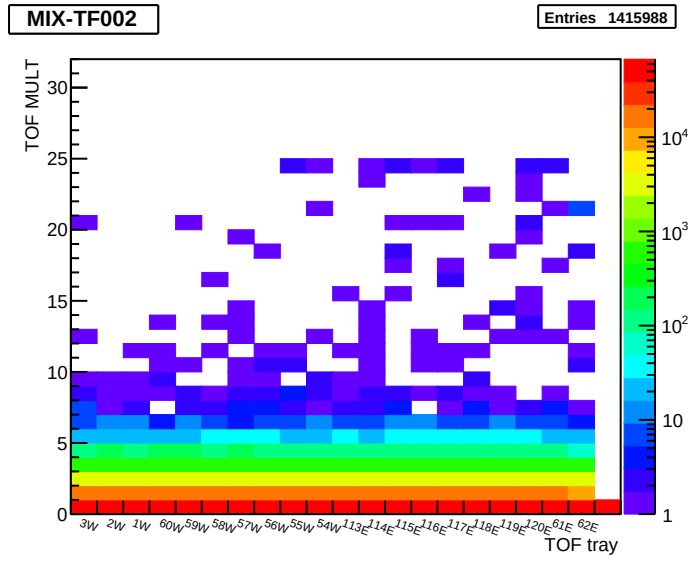

BunchId7Bit (HT.TP UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

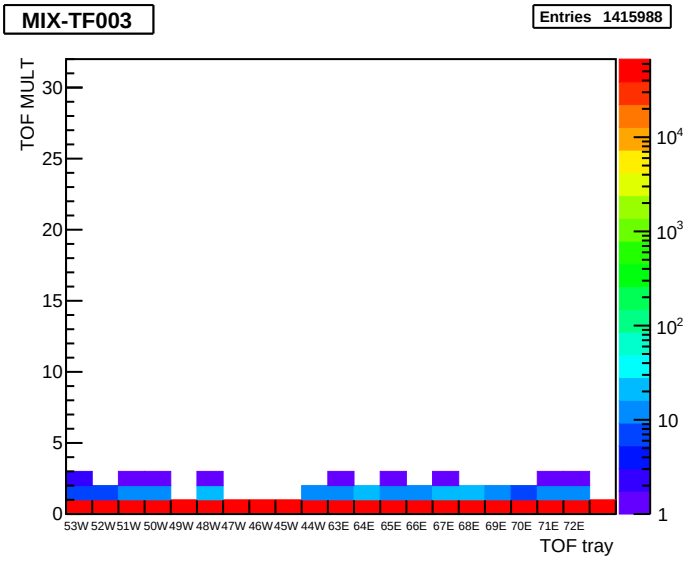

BunchId7Bit (TP UPCsingle)
Entries 1
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

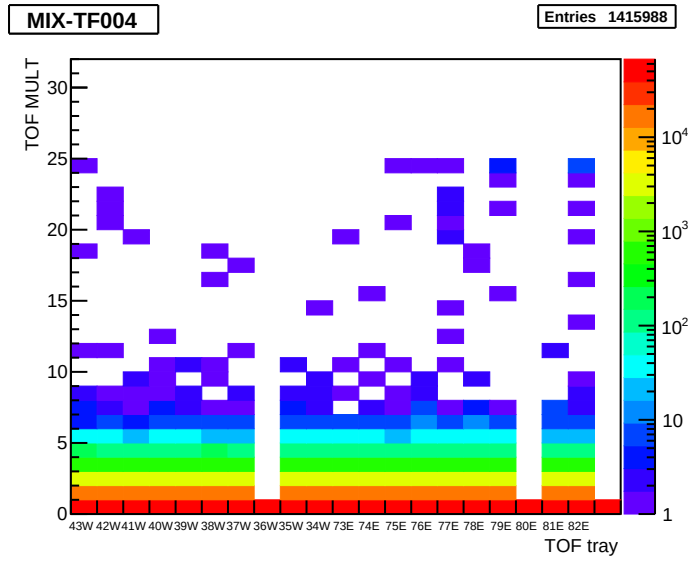

BunchId7Bit (VPD-TAC)
Entries 10101
0 20 40 60 80 100 120

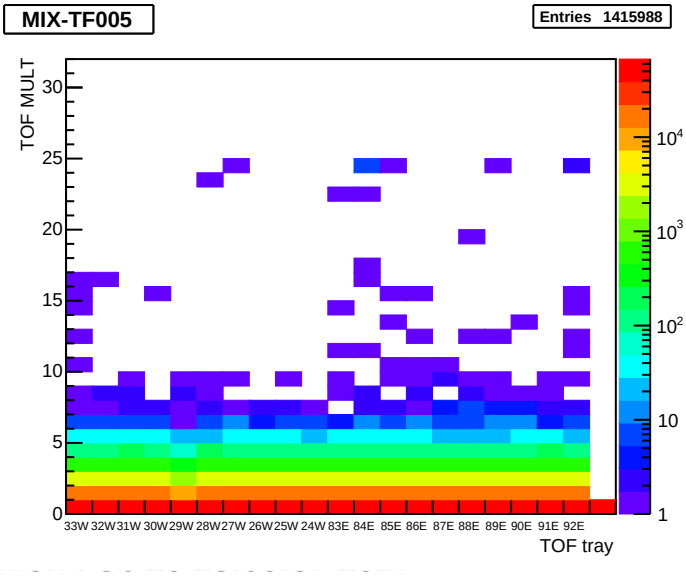

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

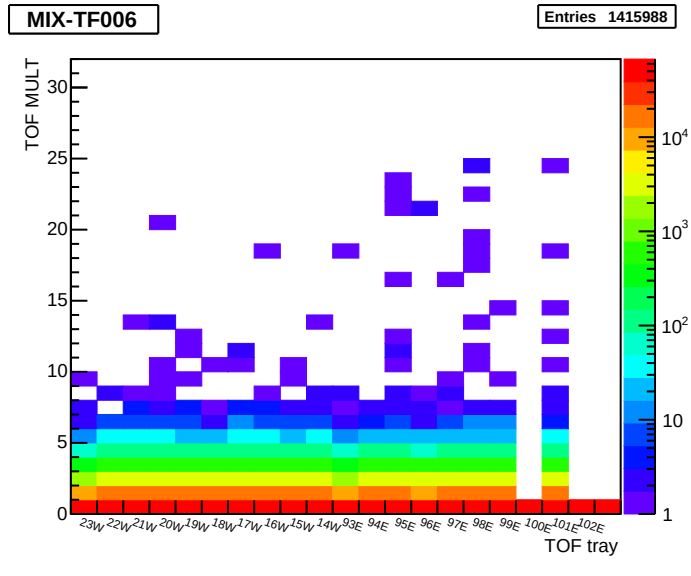

MIX-TF001
Entries 1415988
TOF MULT
TOF tray

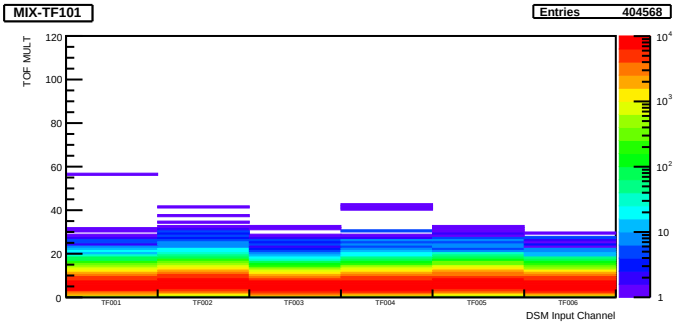

MIX-TF002
Entries 1415988
TOF MULT
TOF tray

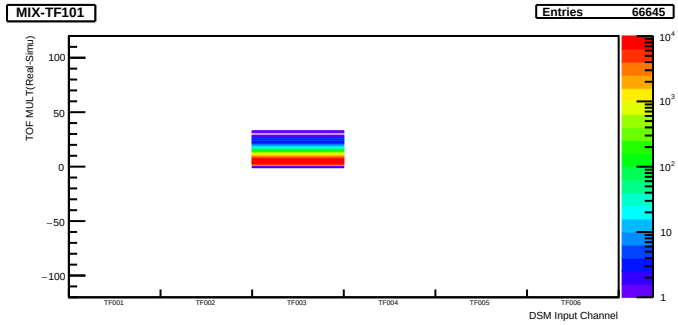

MIX-TF003
Entries 1415988
TOF MULT
TOF tray

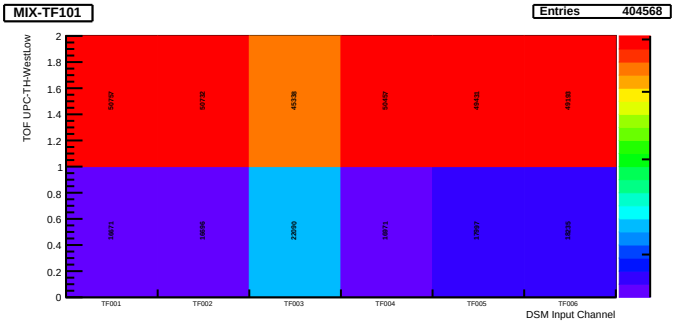

MIX-TF004
Entries 1415988
TOF MULT
TOF tray

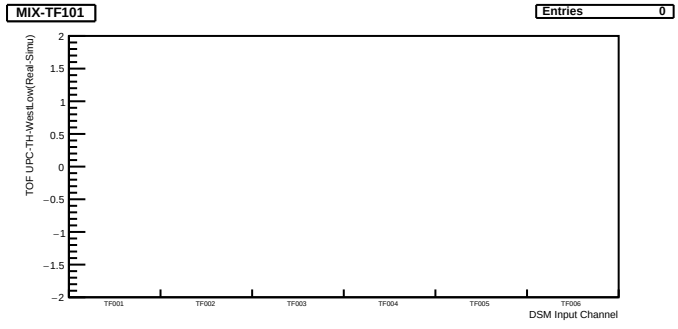

MIX-TF005
Entries 1415988
TOF MULT
TOF tray

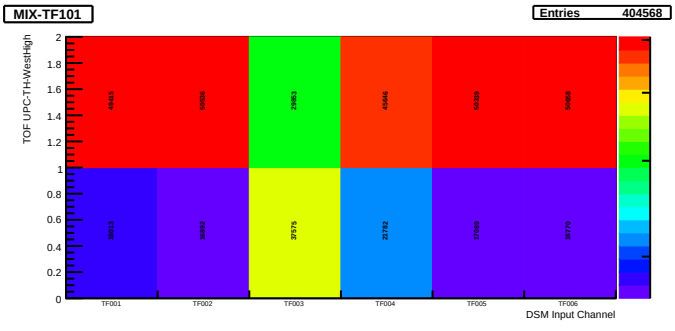

MIX-TF006
Entries 1415988
TOF MULT
TOF tray

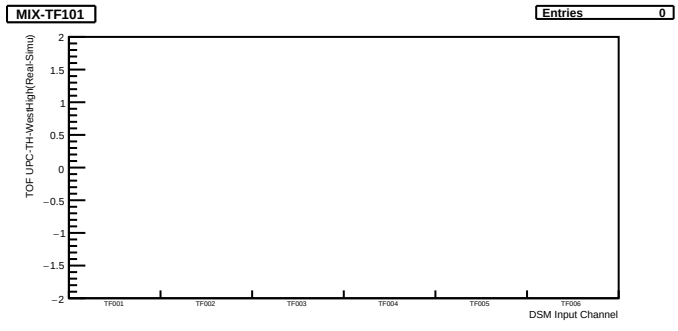

MIX-TF101
Entries 404568
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

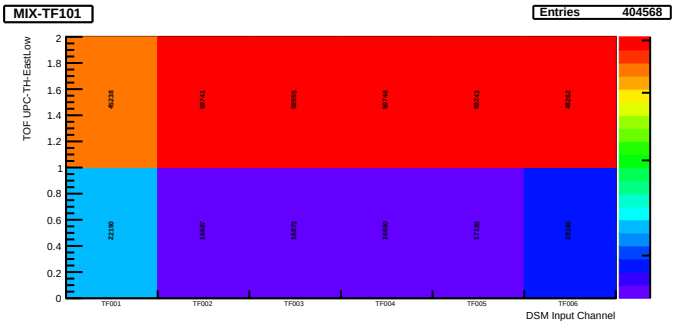

MIX-TF101
Entries 66645
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

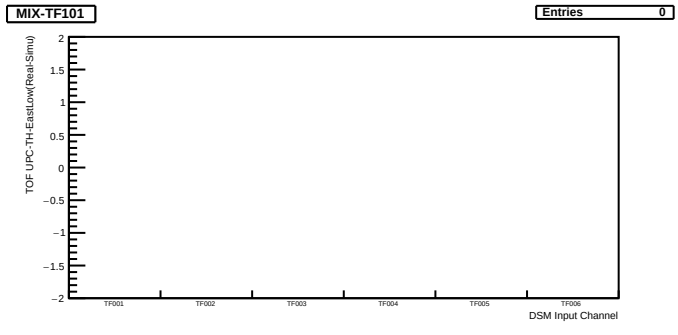

MIX-TF101
Entries 404568
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

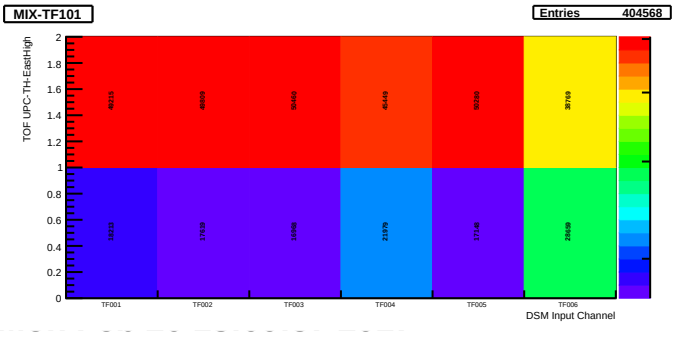

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

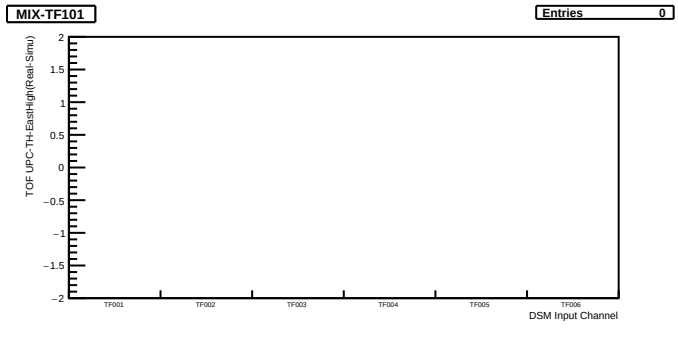

MIX-TF101
Entries 404568
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

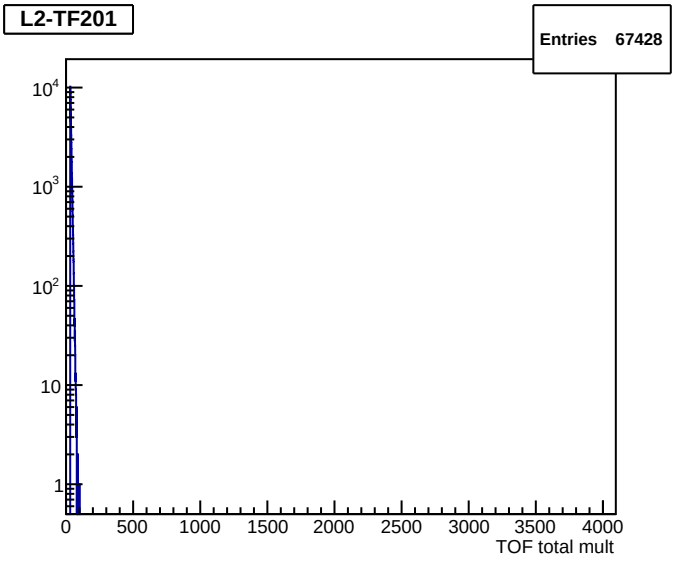

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

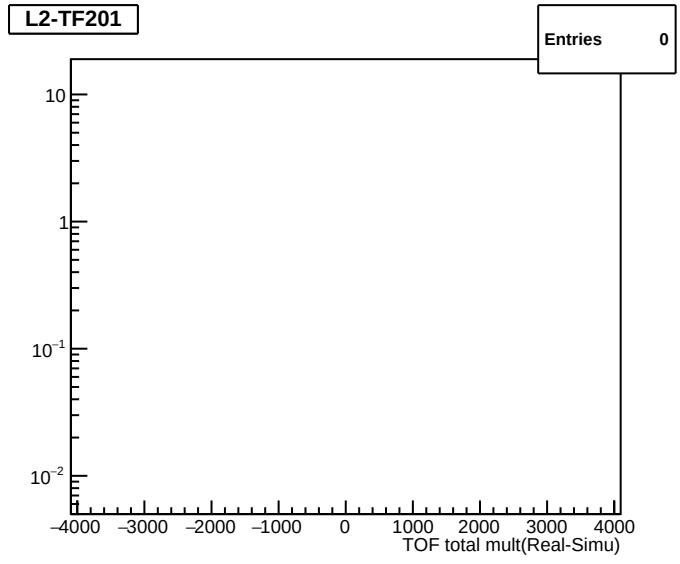

MIX-TF101
Entries 404568
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

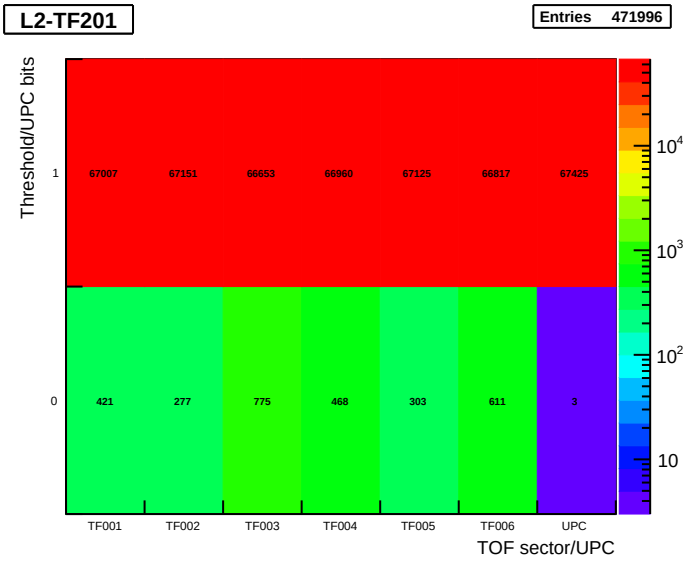

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

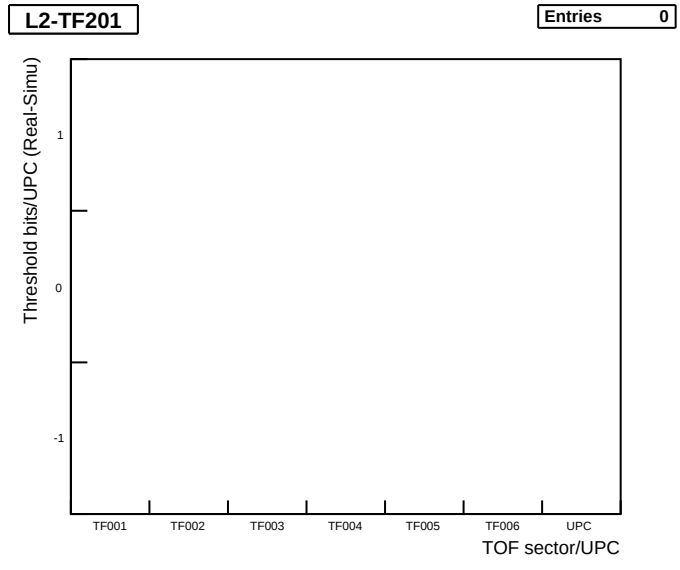

MIX-TF101
Entries 404568
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

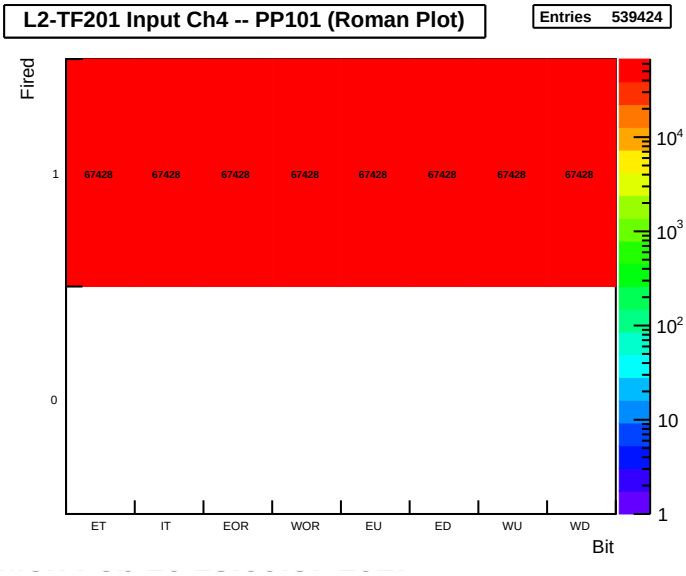

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

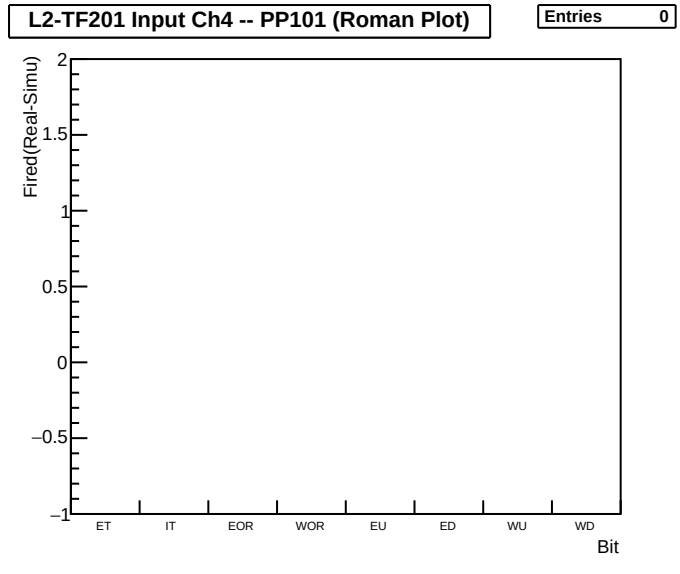

L2-TF201
Entries 67428
TOF total mult

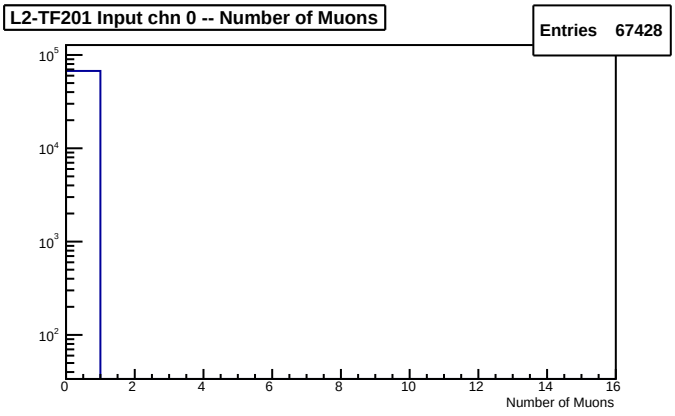

L2-TF201
Entries 0
TOF total mult(Real-Simu)

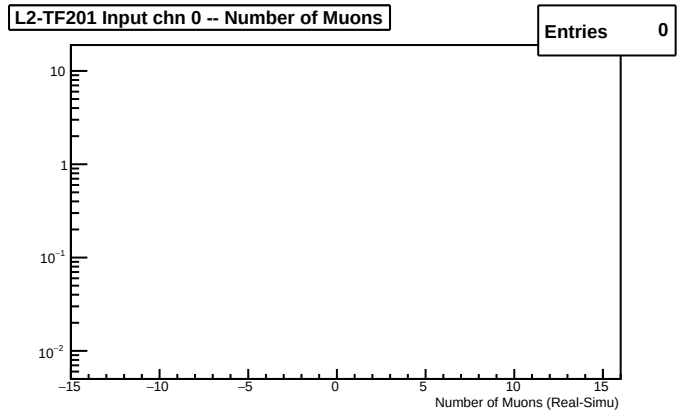

L2-TF201
Entries 471996
Threshold/UPC bits
67007 67151 66653 66960 67125 66817 67425
421 277 775 468 303 611 3
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

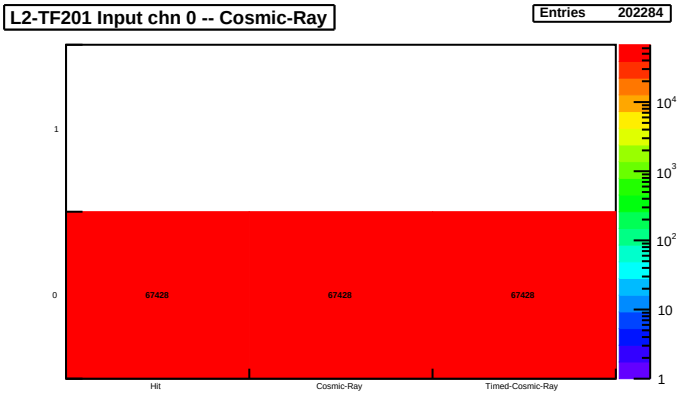

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

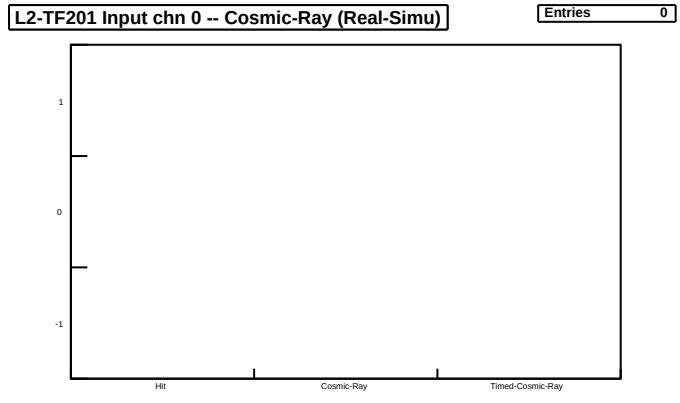

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 539424
Fired
67428 67428 67428 67428 67428 67428 67428 67428
ET IT EOR WOR EU ED WU WD
Bit

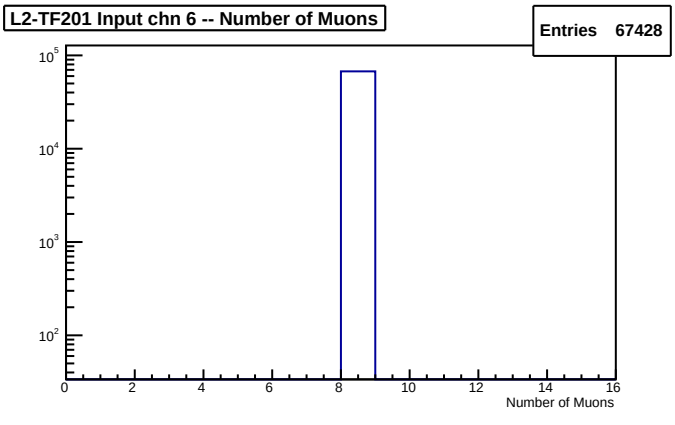

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

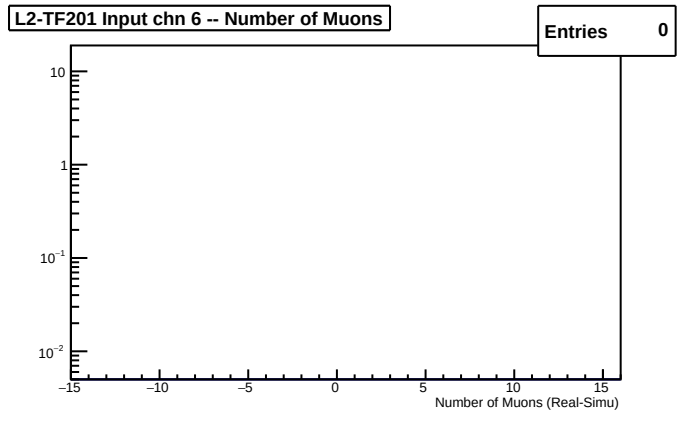

L2-TF201 Input chn 0 -- Number of Muons
Entries 67428
Number of Muons

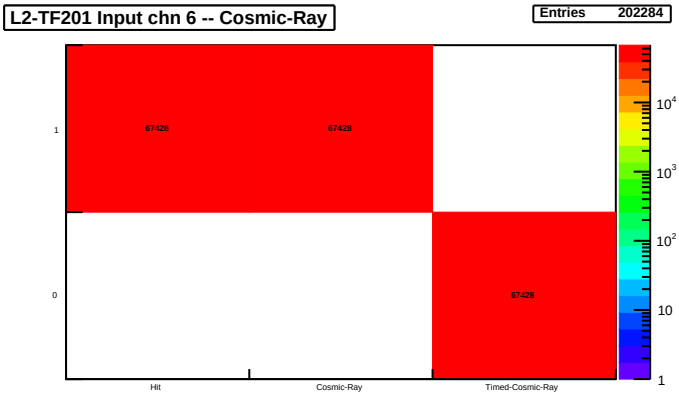

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

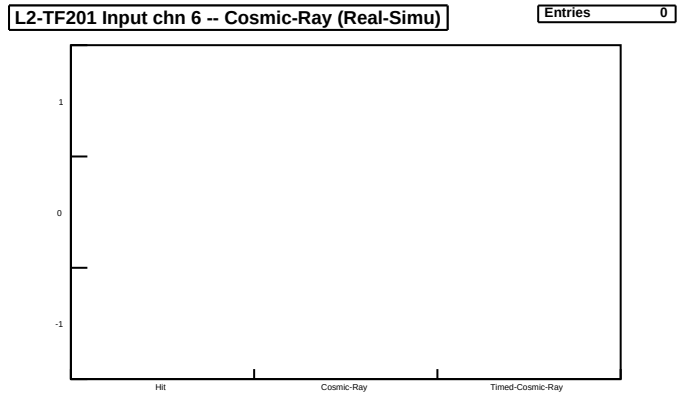

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 202284
67428
67428
67428
Hit
Cosmic-Ray
Timed-Cosmic-Ray

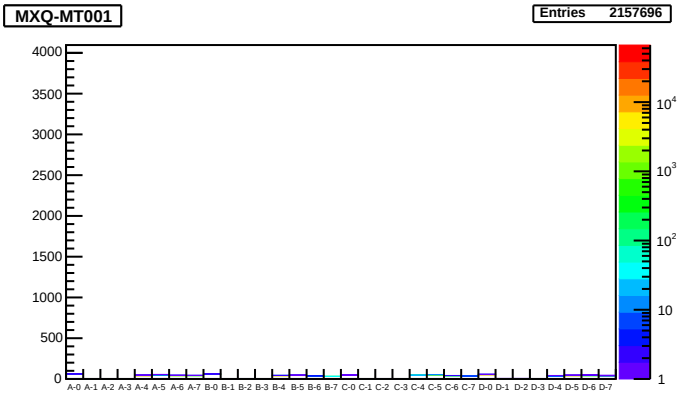

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

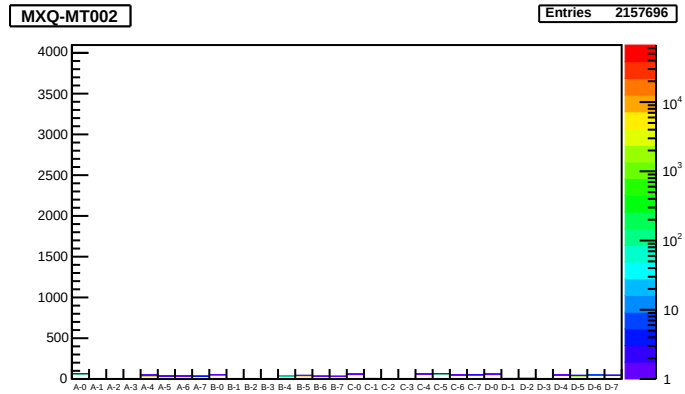

L2-TF201 Input chn 6 -- Number of Muons
Entries 67428
Number of Muons

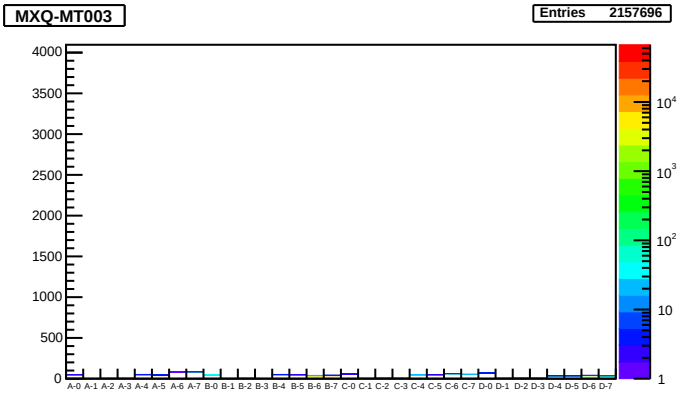

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

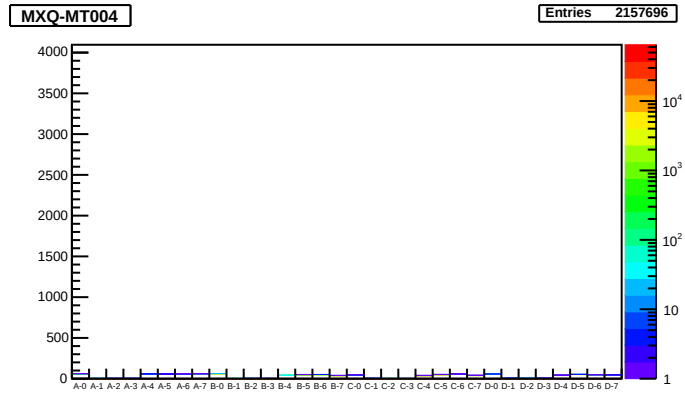

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 202284
67428
67428
67428
Hit
Cosmic-Ray
Timed-Cosmic-Ray

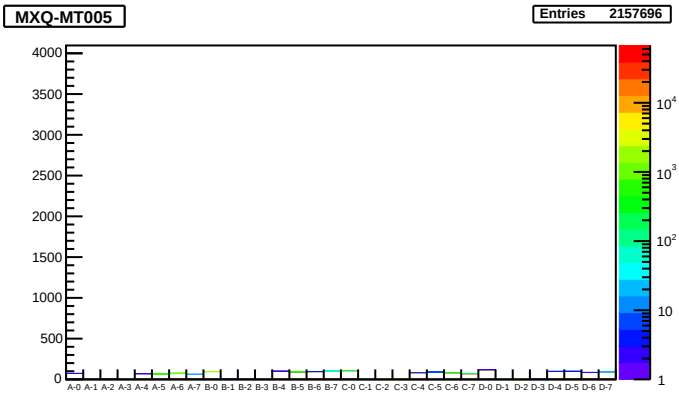

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

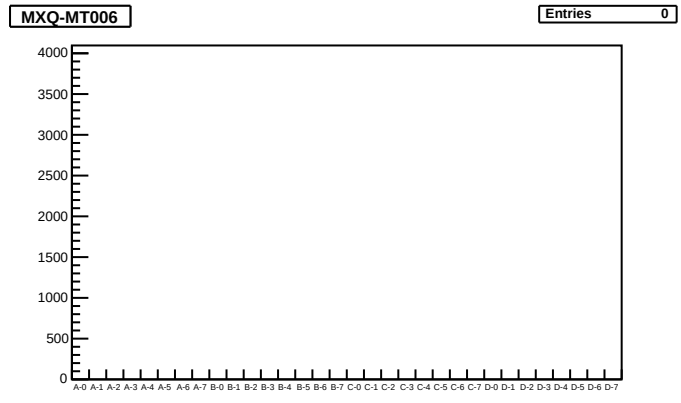

MXQ-MT001
Entries 2157696

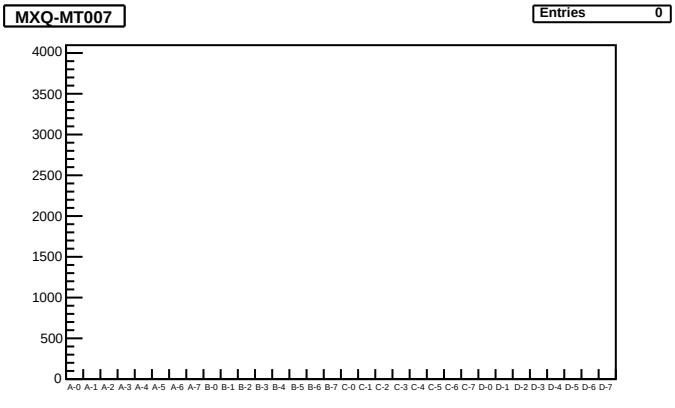

MXQ-MT002
Entries 2157696

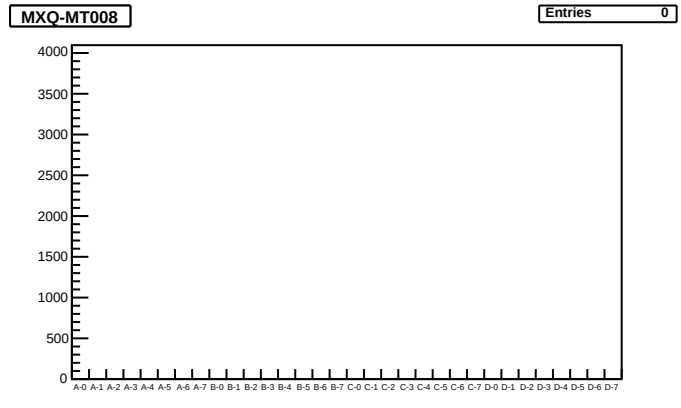

MXQ-MT003
Entries 2157696

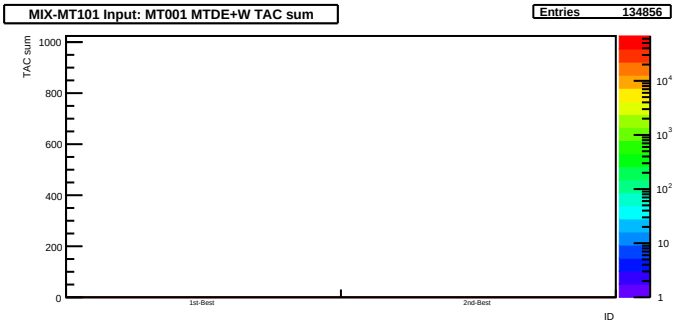

MXQ-MT004
Entries 2157696

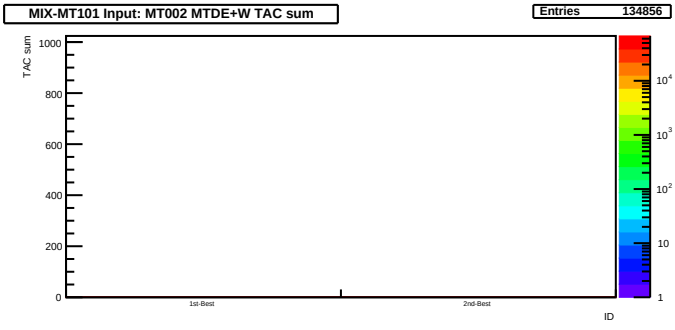

MXQ-MT005
Entries 2157696

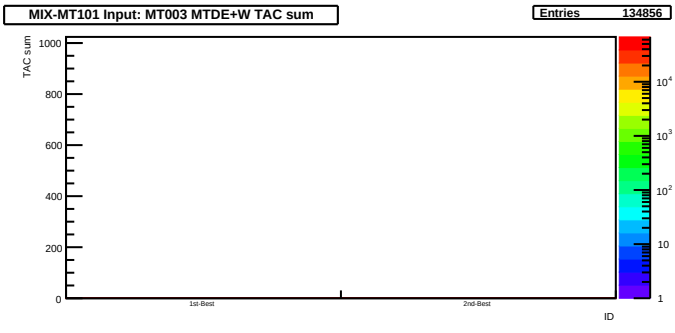

MXQ-MT006
Entries 0

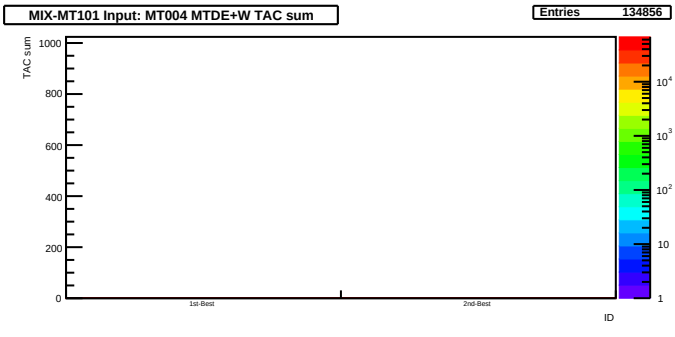

MXQ-MT007
Entries 0

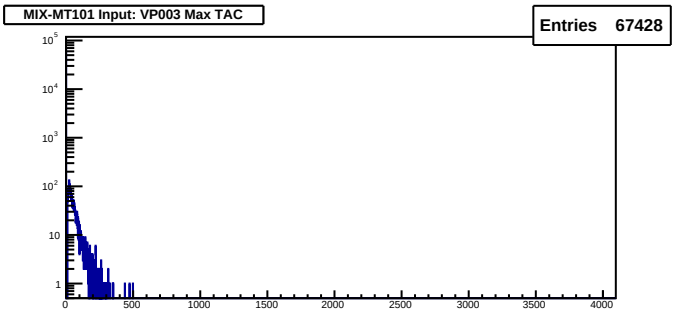

MXQ-MT008
Entries 0

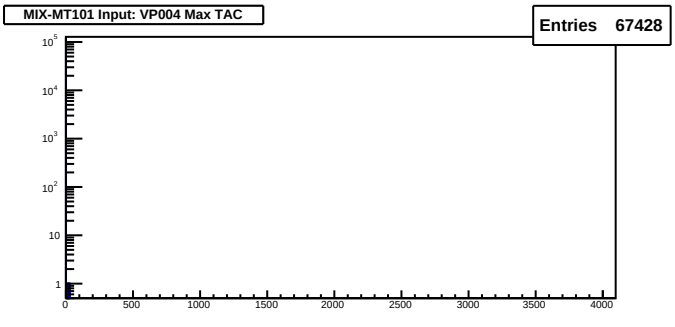

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 134856
TAC sum
1st-Best
2nd-Best
ID

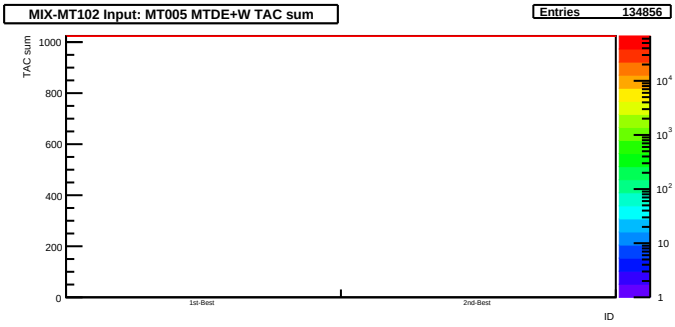

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 134856
TAC sum
1st-Best
2nd-Best
ID

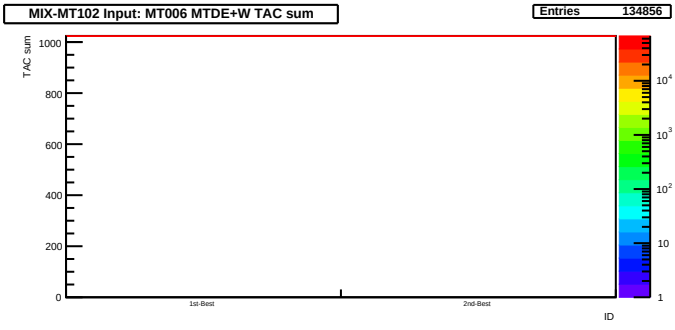

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 134856
TAC sum
1st-Best
2nd-Best
ID

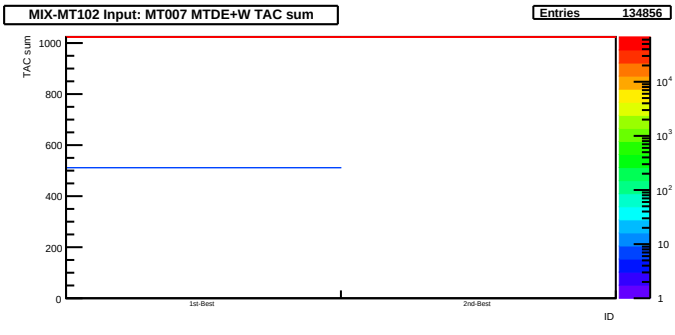

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 134856
TAC sum
1st-Best
2nd-Best
ID

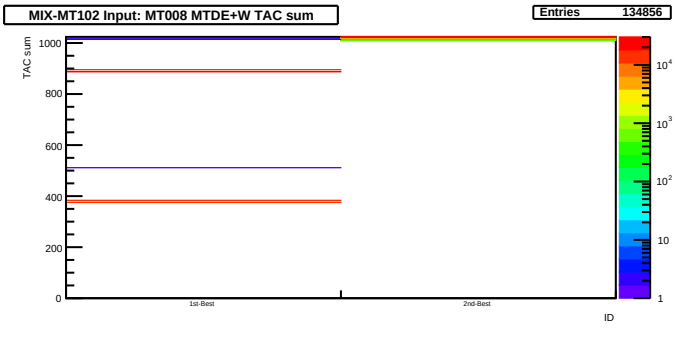

MIX-MT101 Input: VP003 Max TAC
Entries 67428

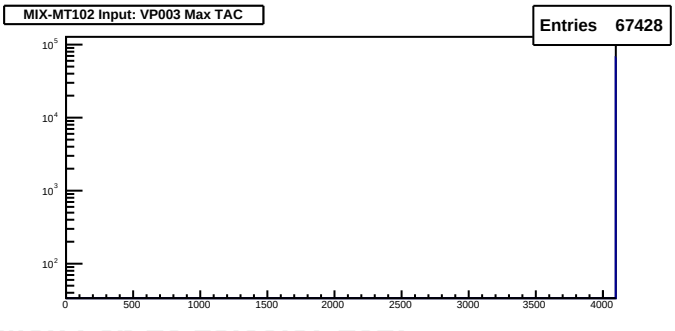

MIX-MT101 Input: VP004 Max TAC
Entries 67428

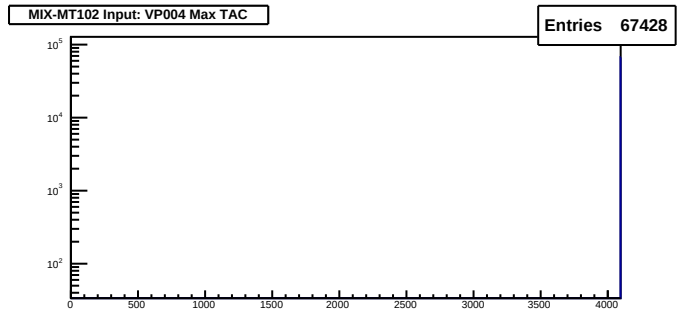

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 134856
TAC sum
1st-Best
2nd-Best
ID

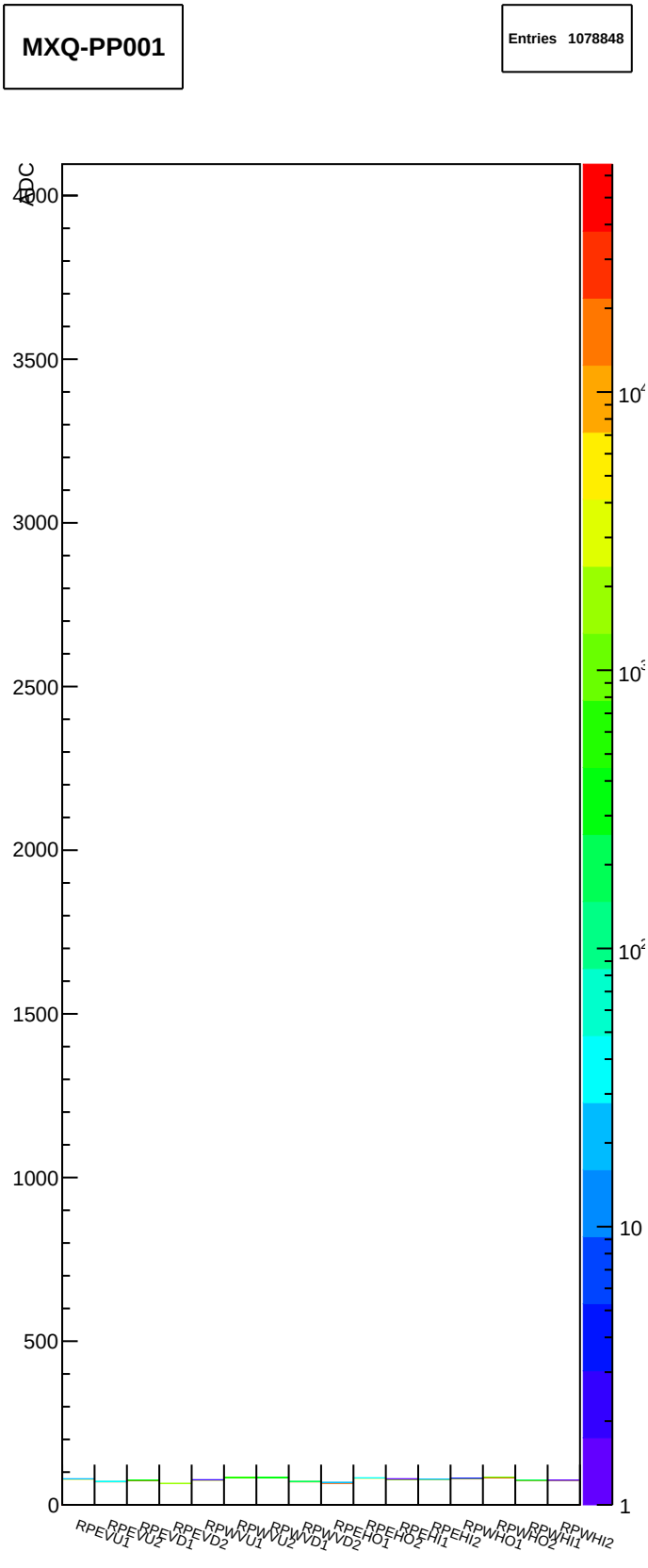

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 134856
TAC sum
1st-Best
2nd-Best
ID

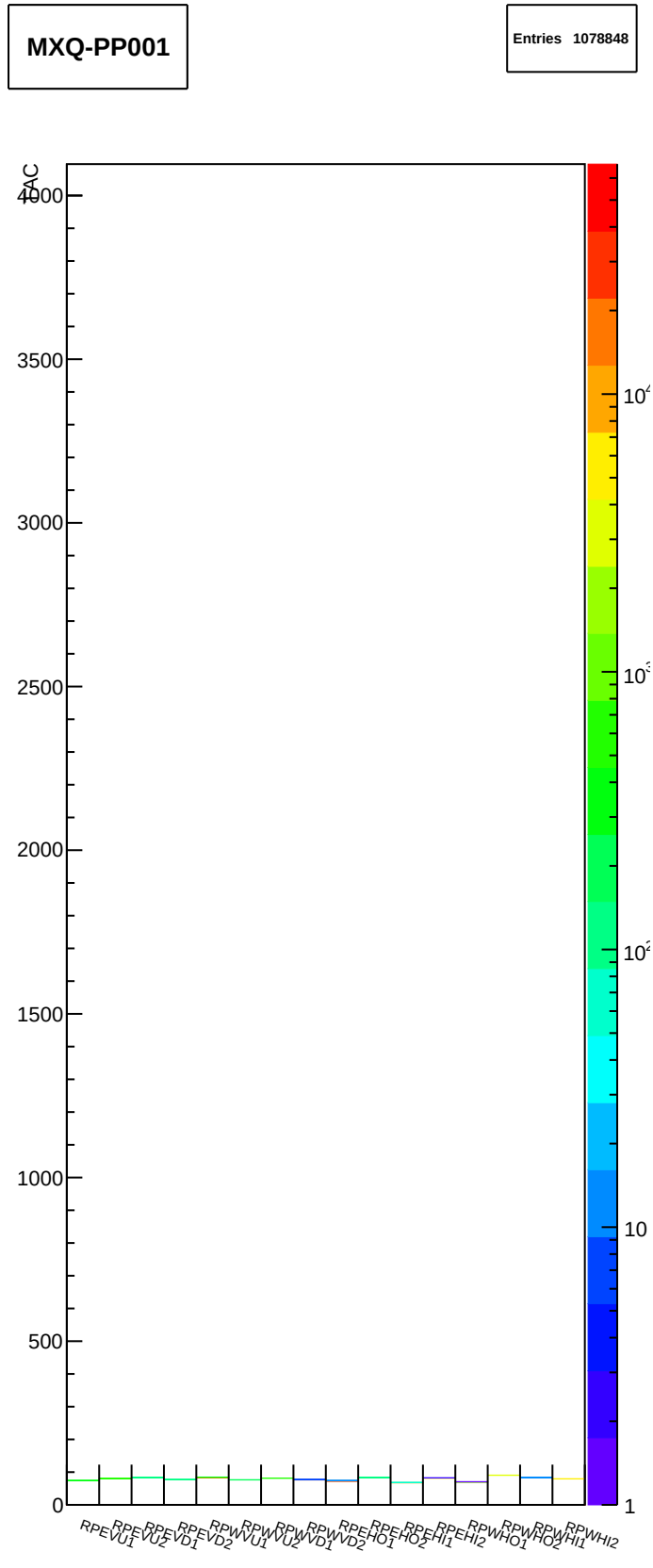

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 134856
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 134856
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 67428


MIX-MT102 Input: VP004 Max TAC
Entries 67428


MXQ-PP001
Entries 1078848
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 1078848
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
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RPEHO2
RPEHI1
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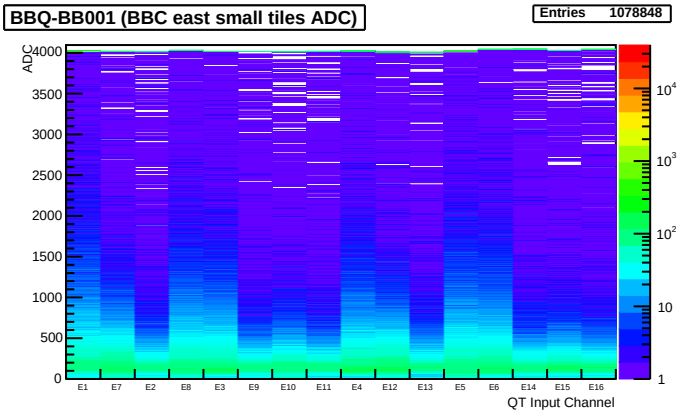
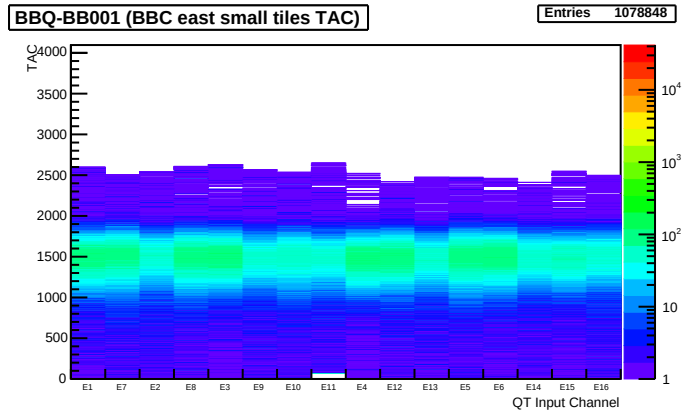
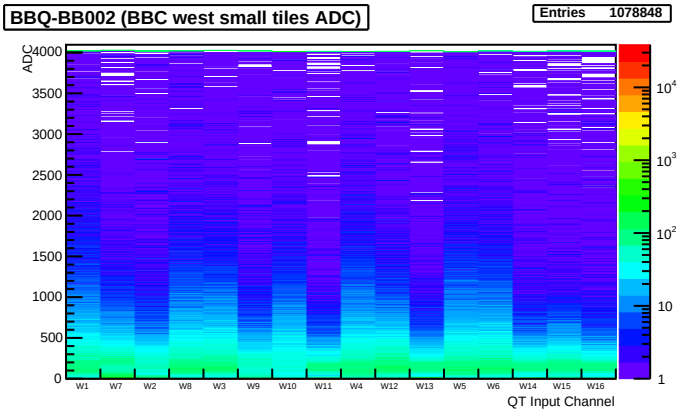
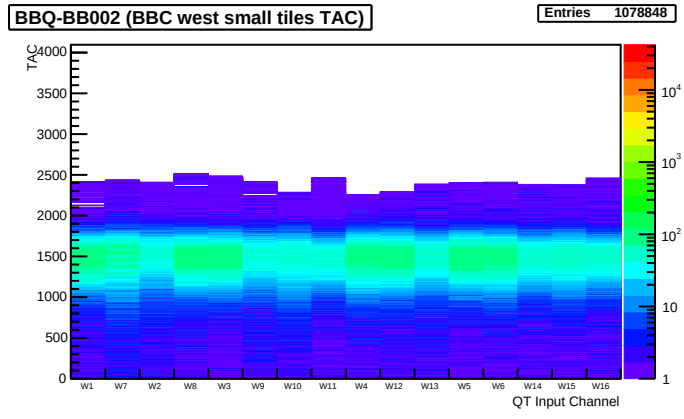
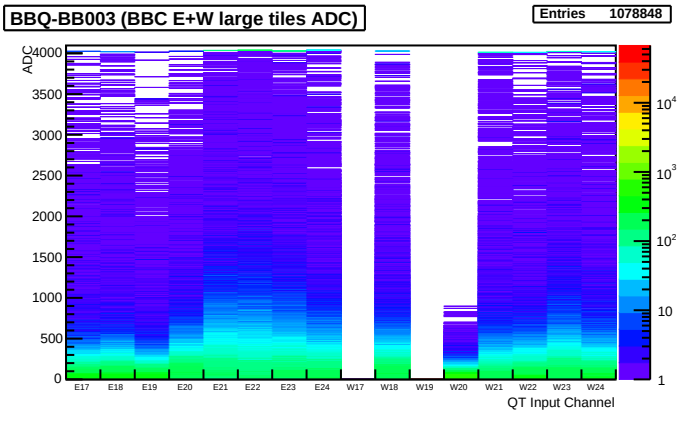
RPWHO2
RPWHI1
RPWHI2
10
1

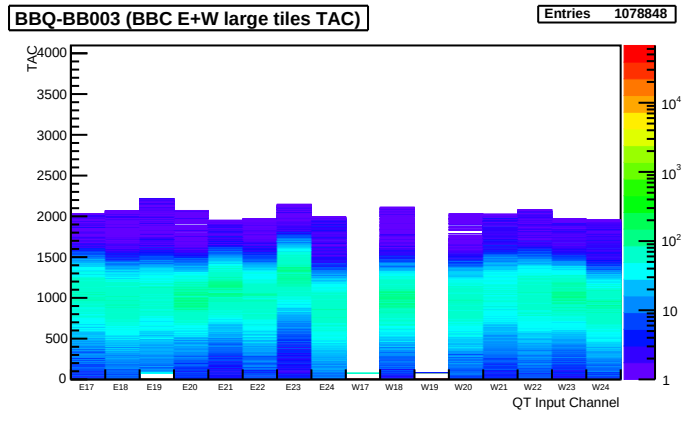

BBQ-BB001 (BBC east small tiles ADC)
Entries 1078848
ADC
QT Input Channel

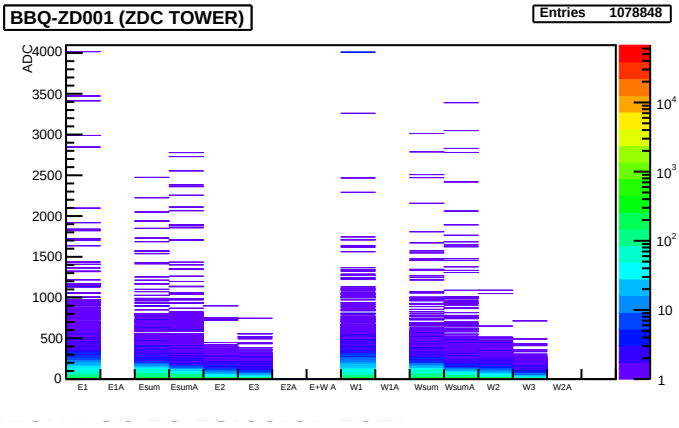

BBQ-BB001 (BBC east small tiles TAC)
Entries 1078848
TAC
QT Input Channel

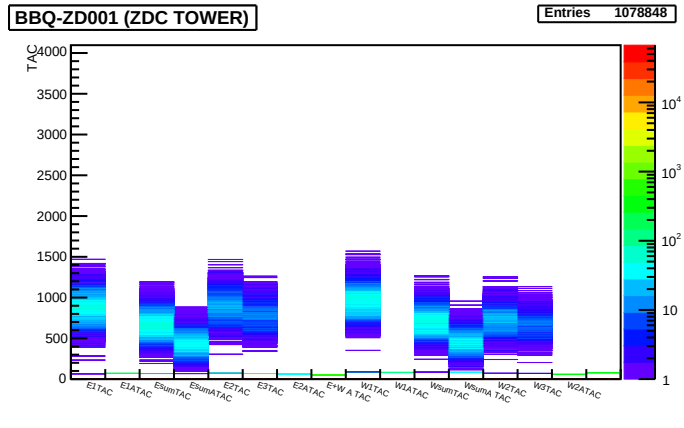

BBQ-BB002 (BBC west small tiles ADC)
Entries 1078848
ADC
QT Input Channel

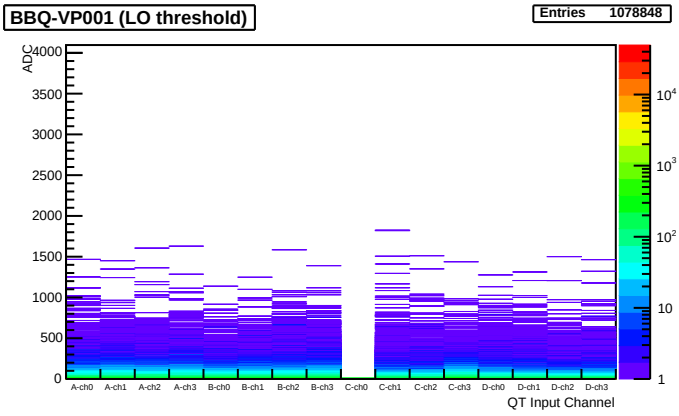

BBQ-BB002 (BBC west small tiles TAC)
Entries 1078848
TAC
QT Input Channel

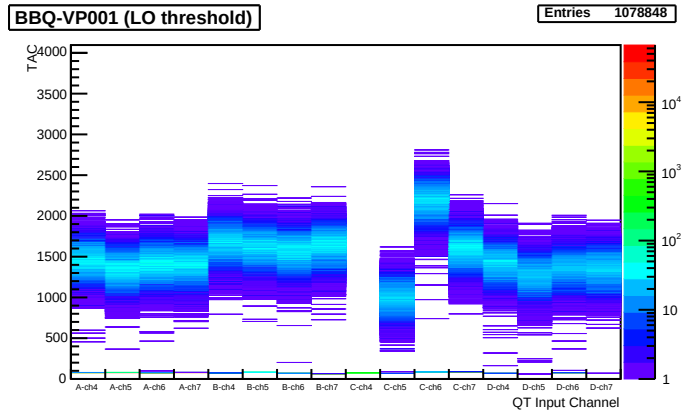

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1078848
ADC
QT Input Channel

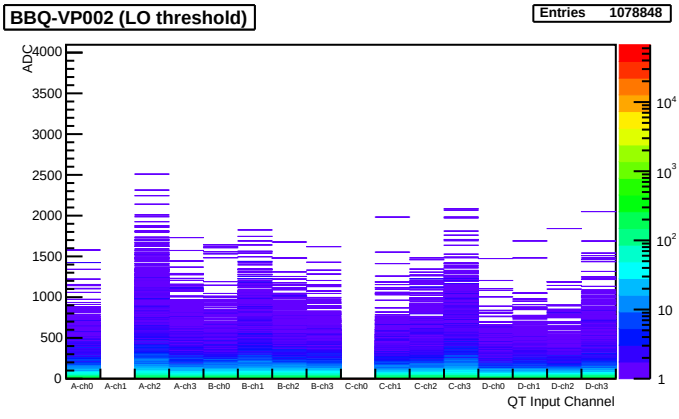

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1078848
TAC
QT Input Channel

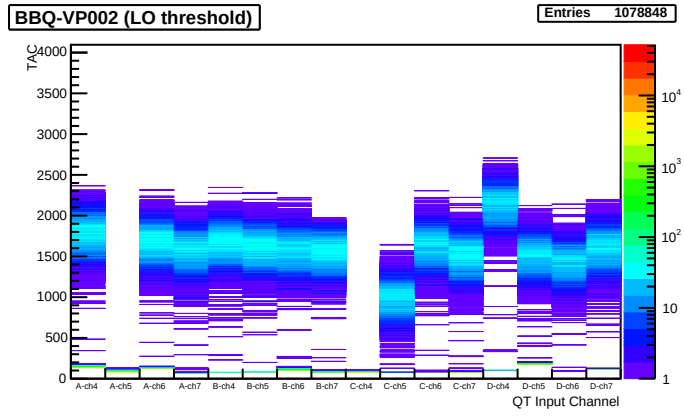

BBQ-ZD001 (ZDC TOWER)
Entries 1078848
ADC

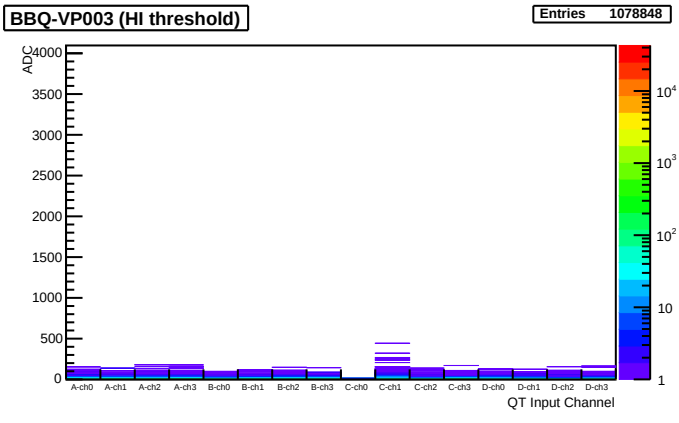

BBQ-ZD001 (ZDC TOWER)
Entries 1078848
TAC

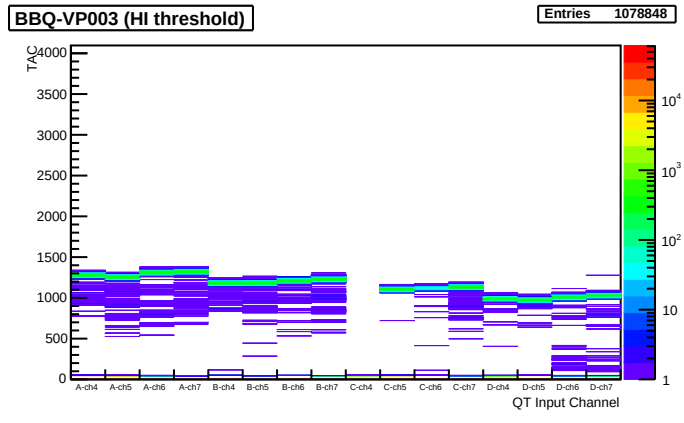

BBQ-VP001 (LO threshold)
Entries 1078848
ADC
QT Input Channel

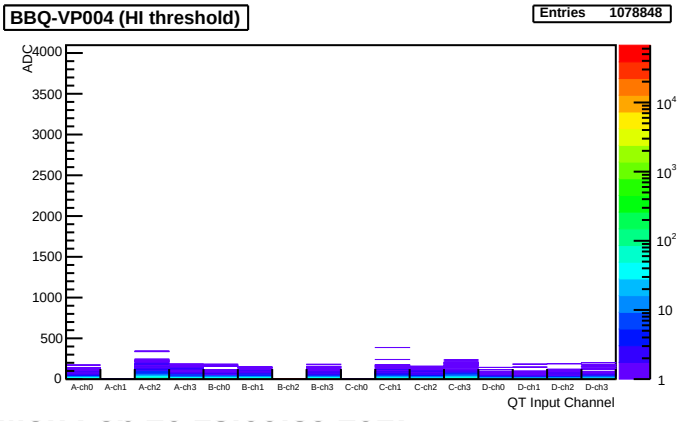

BBQ-VP001 (LO threshold)
Entries 1078848
TAC
QT Input Channel

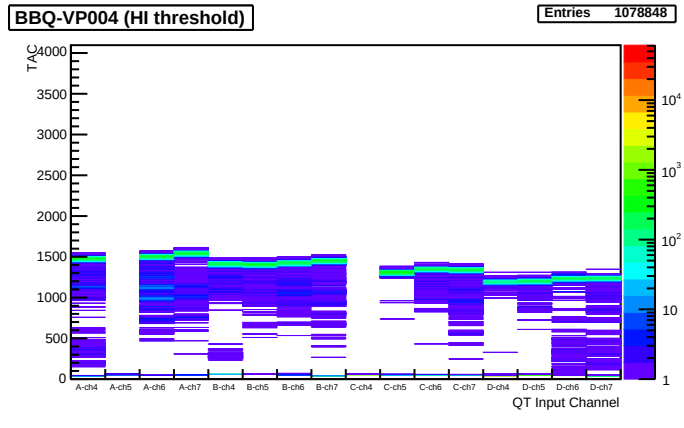

BBQ-VP002 (LO threshold)
Entries 1078848
ADC
QT Input Channel

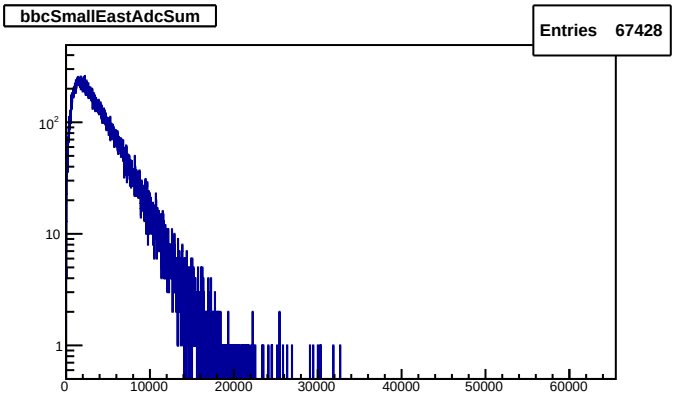

BBQ-VP002 (LO threshold)
Entries 1078848
TAC
QT Input Channel

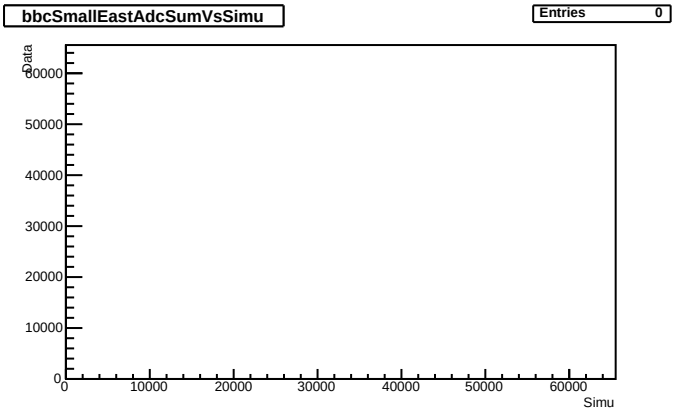

BBQ-VP003 (HI threshold)
Entries 1078848
ADC
QT Input Channel

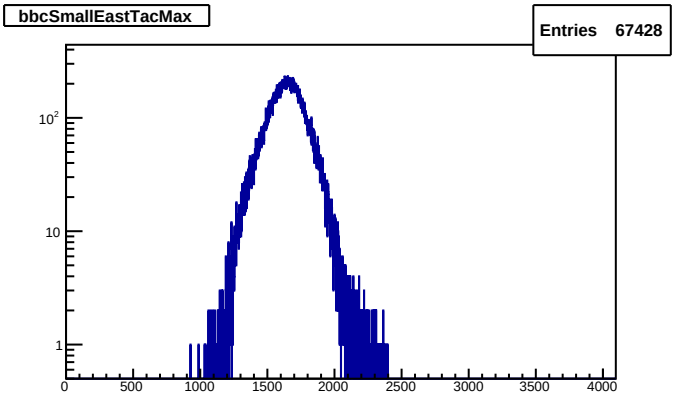

BBQ-VP003 (HI threshold)
Entries 1078848
TAC
QT Input Channel

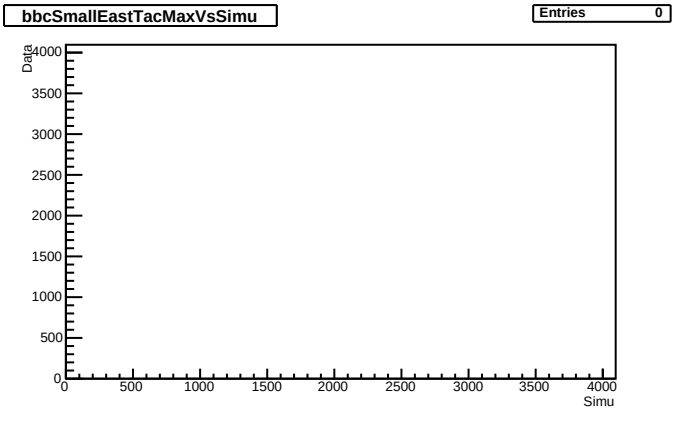

BBQ-VP004 (HI threshold)
Entries 1078848
ADC
QT Input Channel

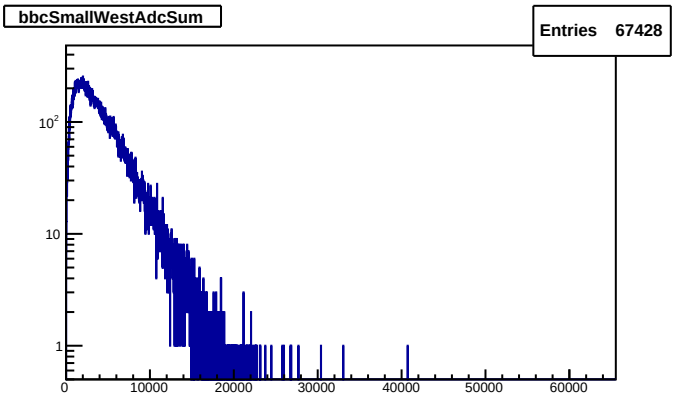

BBQ-VP004 (HI threshold)
Entries 1078848
TAC
QT Input Channel

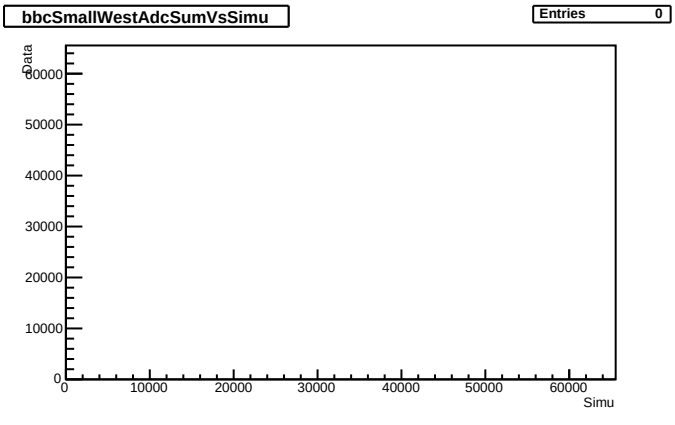

bbcSmallEastAdcSum
Entries 67428

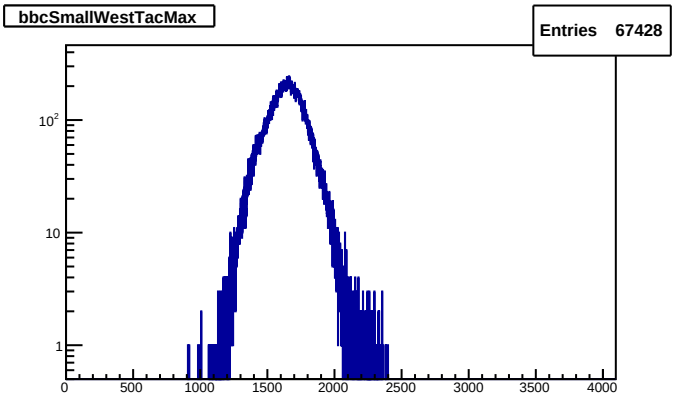

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

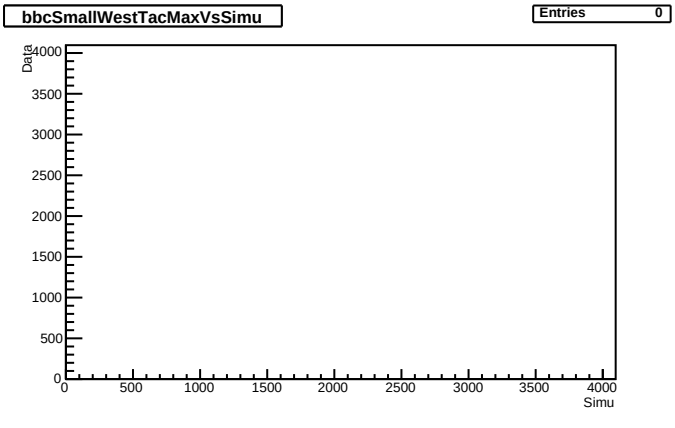

bbcSmallEastTacMax
Entries 67428

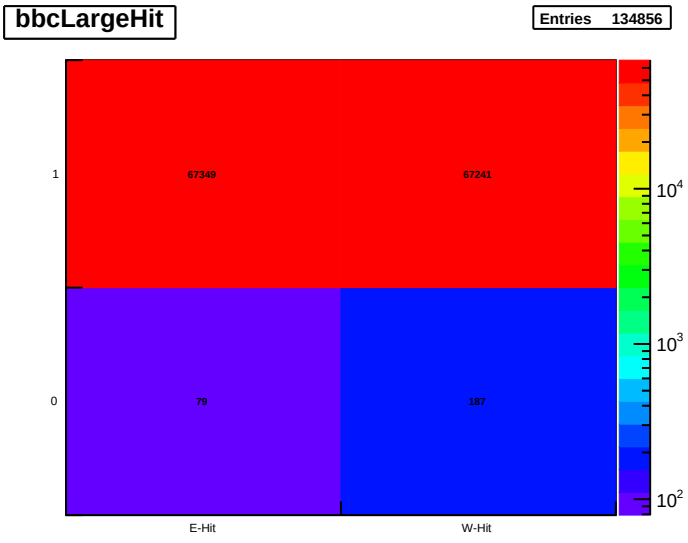

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

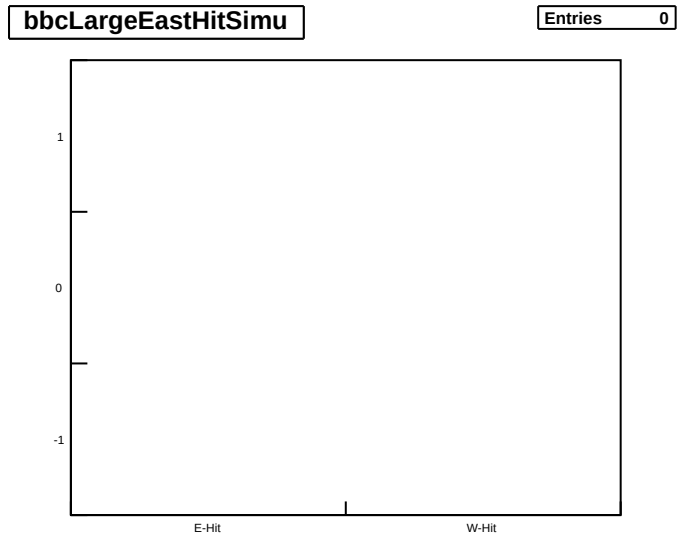

bbcSmallWestAdcSum
Entries 67428

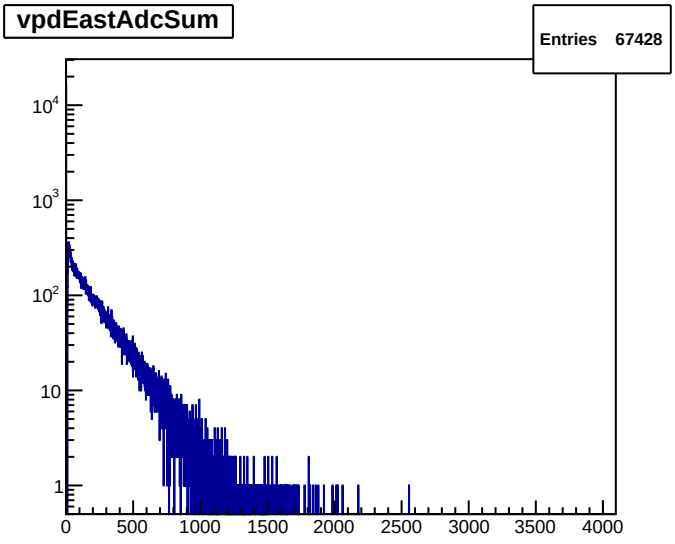

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

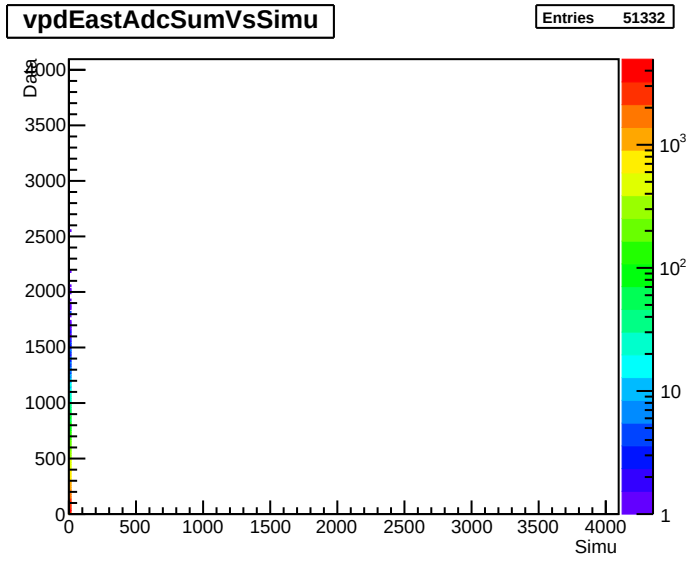

bbcSmallWestTacMax
Entries 67428

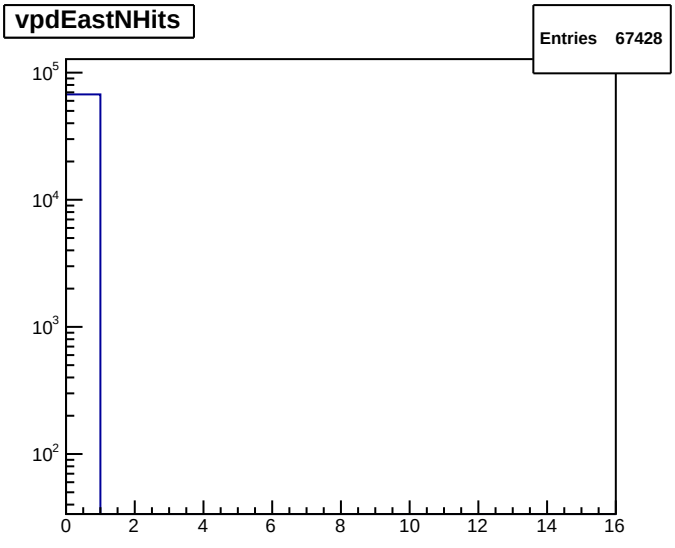

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

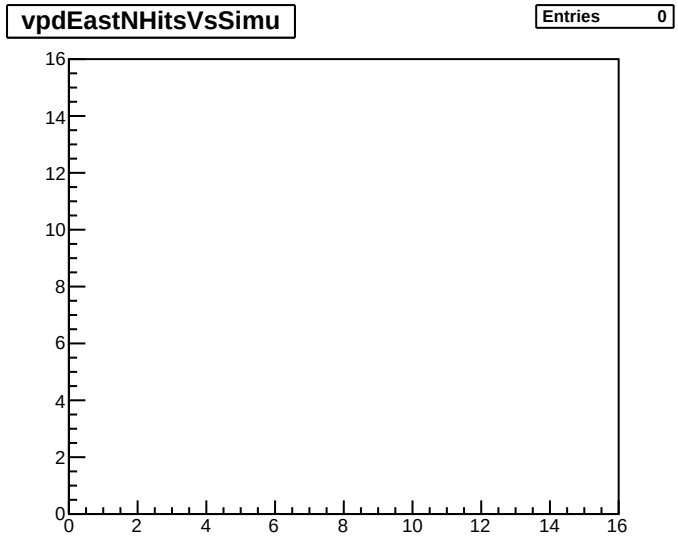

bbcLargeHit
Entries 134856
1
0
67349
67241
79
187
E-Hit
W-Hit
10^4
10^3
10^2

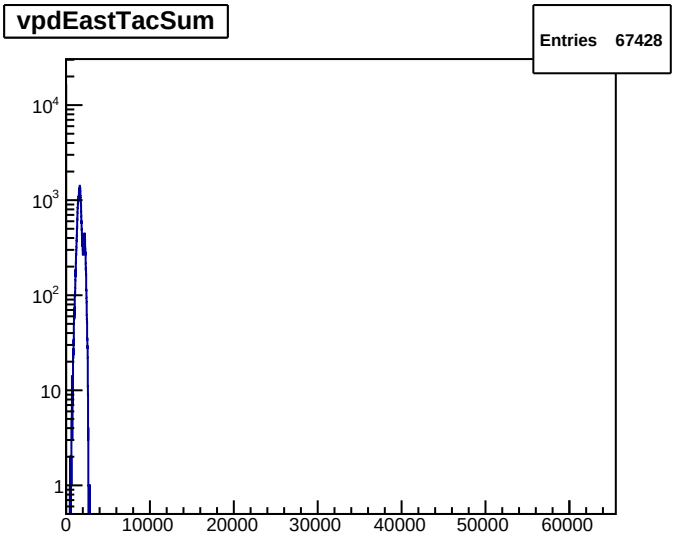

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

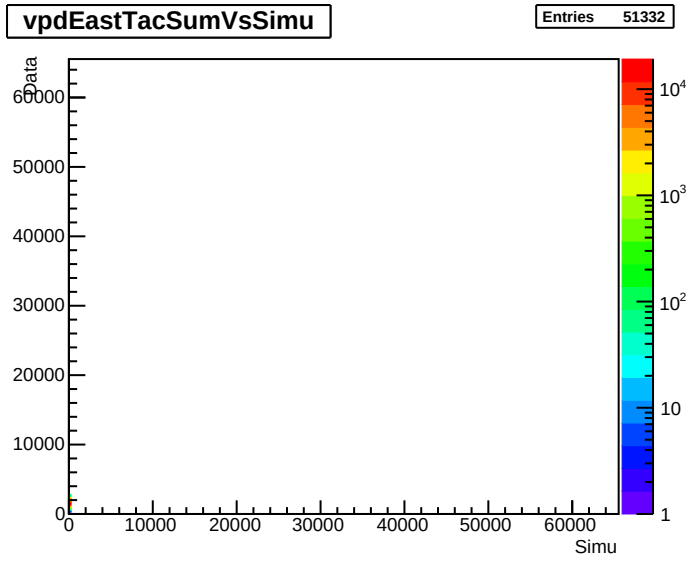

vpdEastAdcSum
Entries 67428

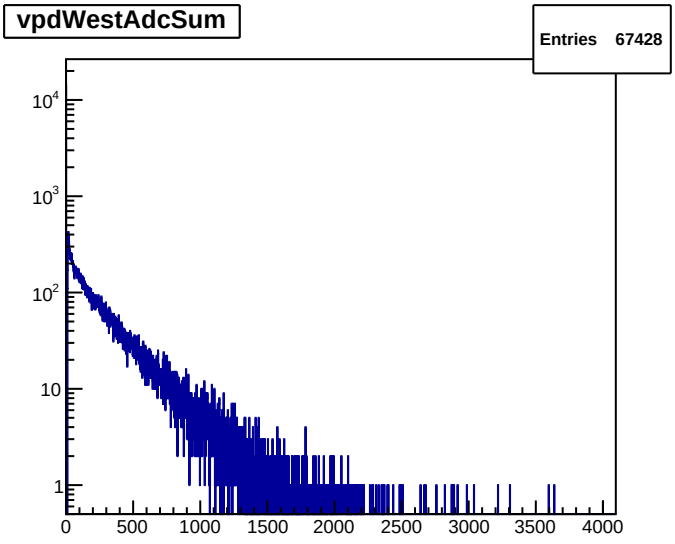

vpdEastAdcSumVsSimu
Entries 51332
Data
Simu

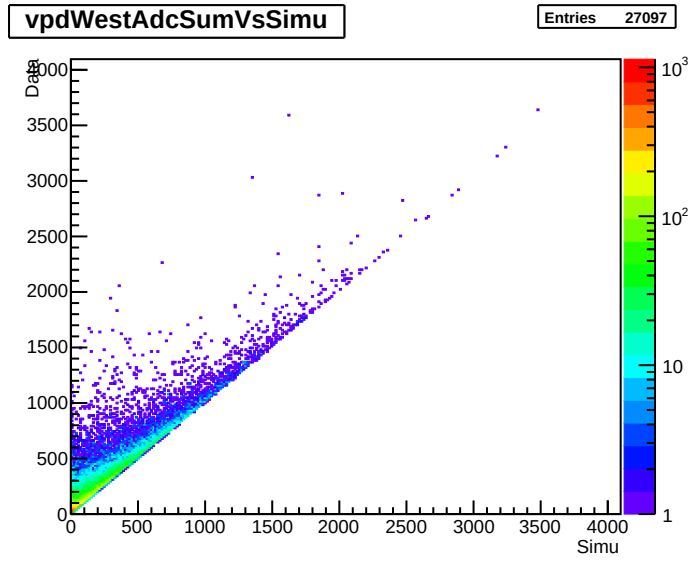

vpdEastNHits
Entries 67428

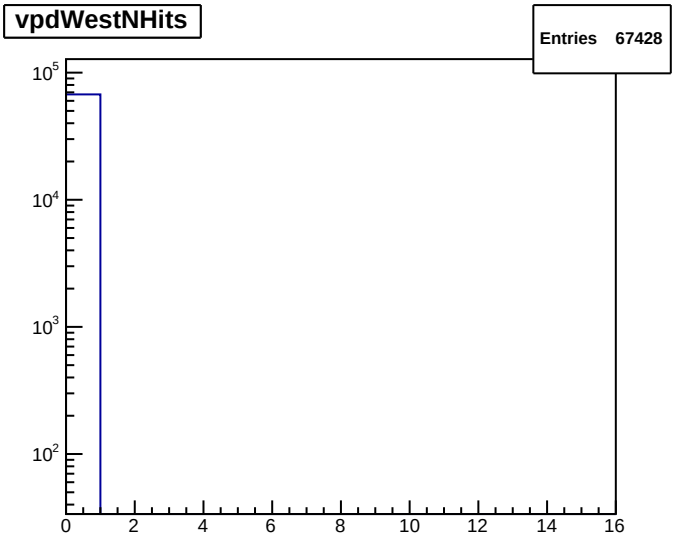

vpdEastNHitsVsSimu
Entries 0

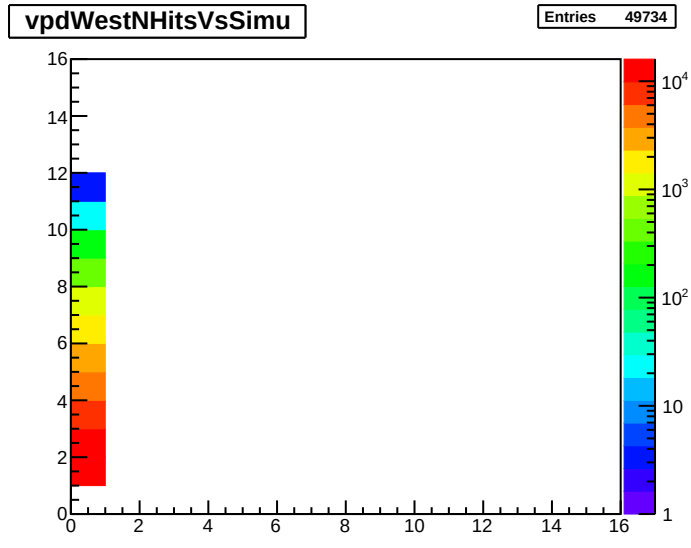

vpdEastTacSum
Entries 67428

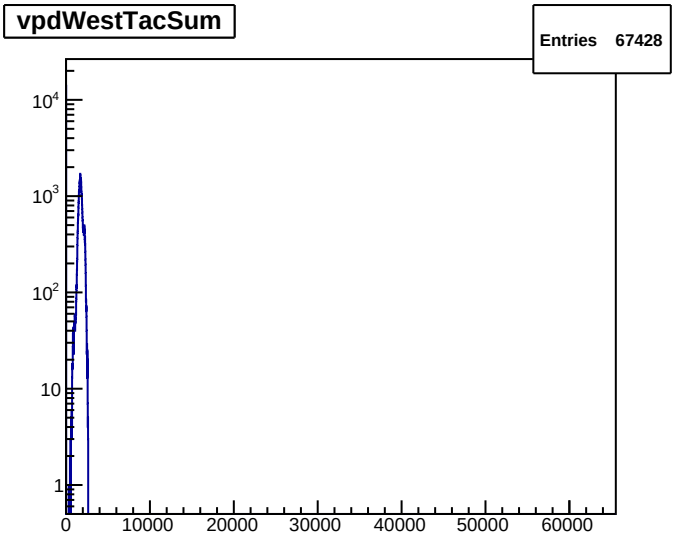

vpdEastTacSumVsSimu
Entries 51332
Data
Simu

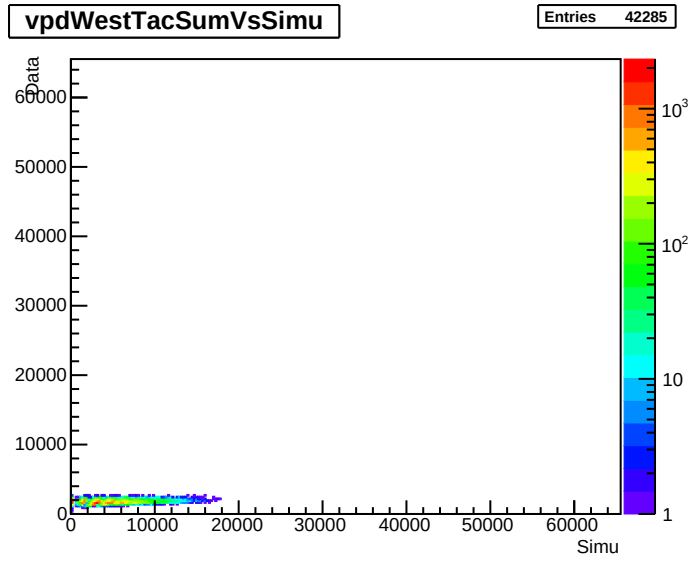

vpdWestAdcSum
Entries 67428

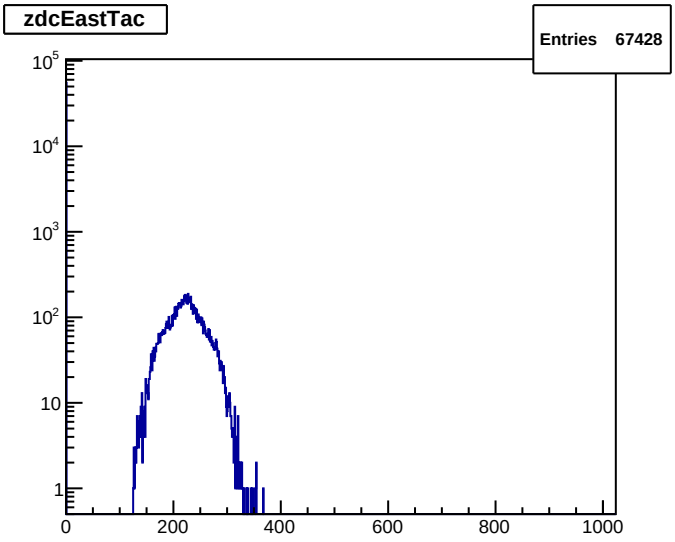

vpdWestAdcSumVsSimu
Entries 27097
Data
Simu

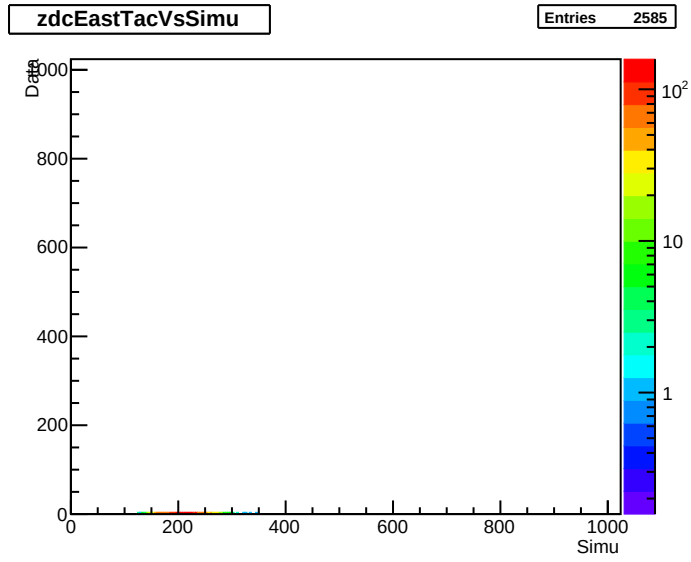

vpdWestNHits
Entries 67428

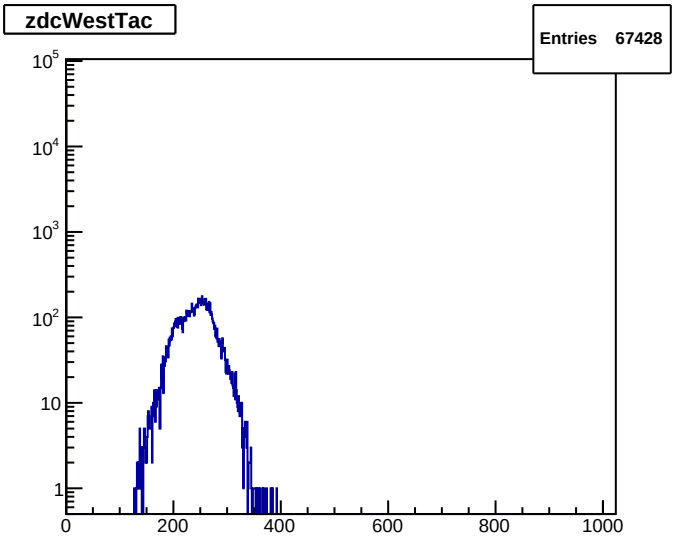

vpdWestNHitsVsSimu
Entries 49734

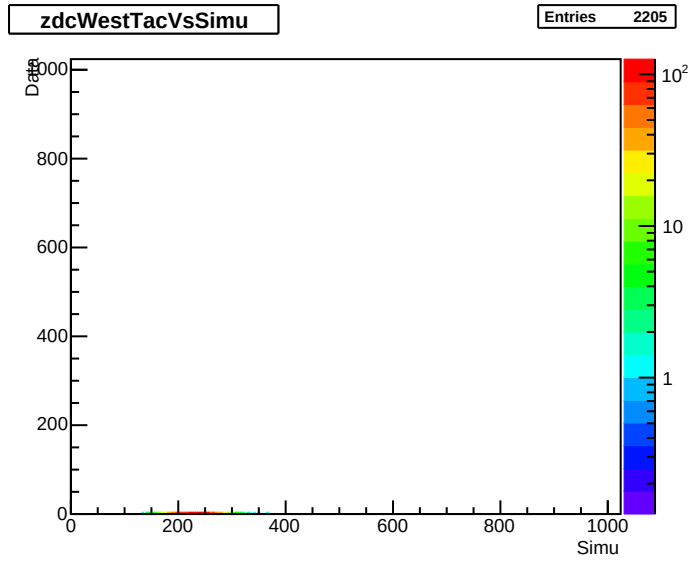

vpdWestTacSum
Entries 67428

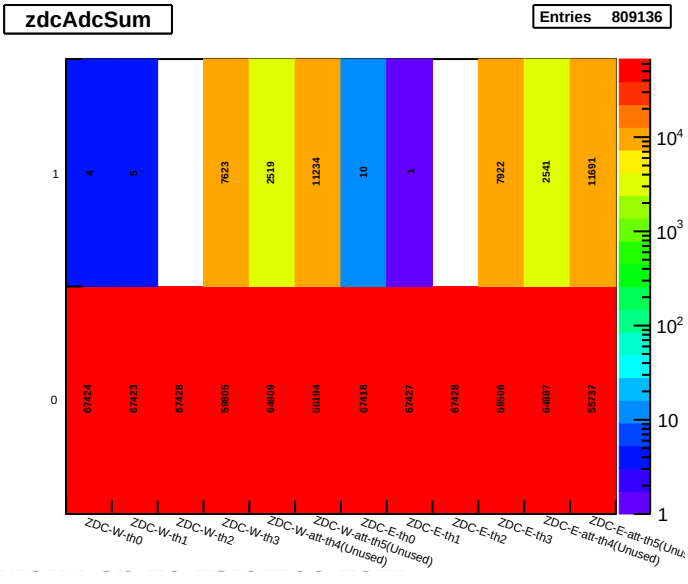

vpdWestTacSumVsSimu
Entries 42285
Data
Simu

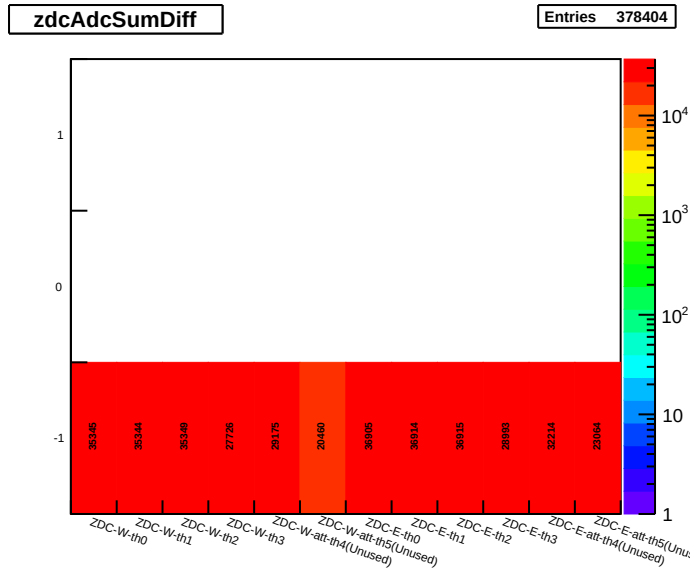

zdcEastTac
Entries 67428

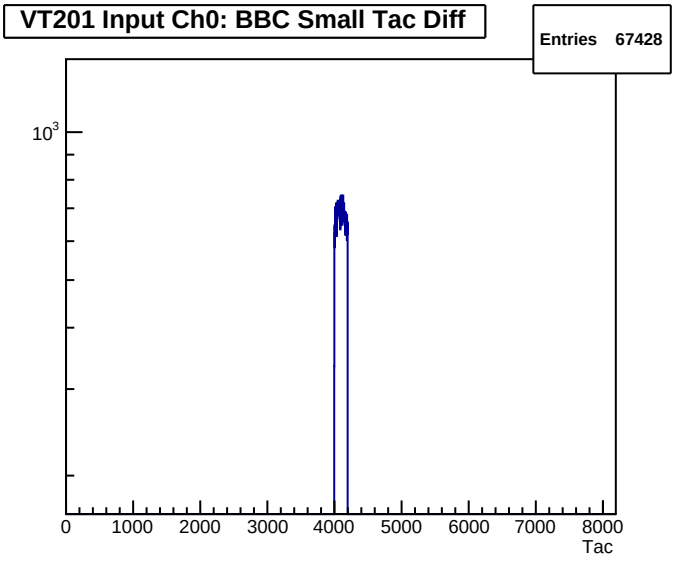

zdcEastTacVsSimu
Entries 2585
Data
Simu

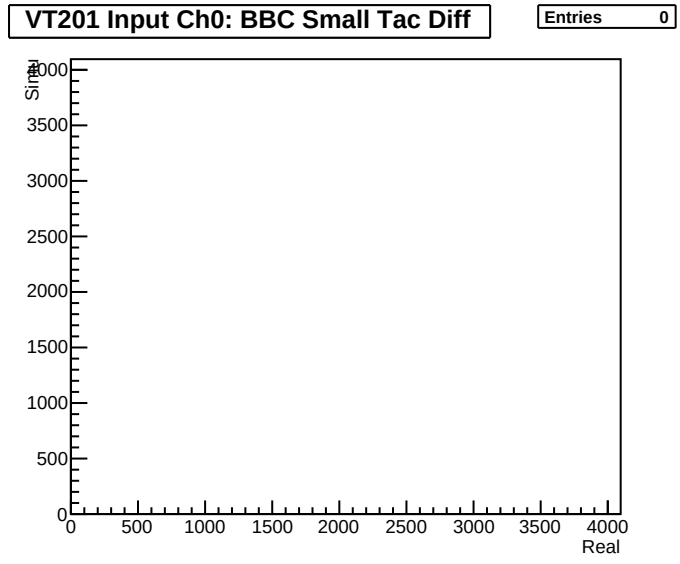

zdcWestTac
Entries 67428

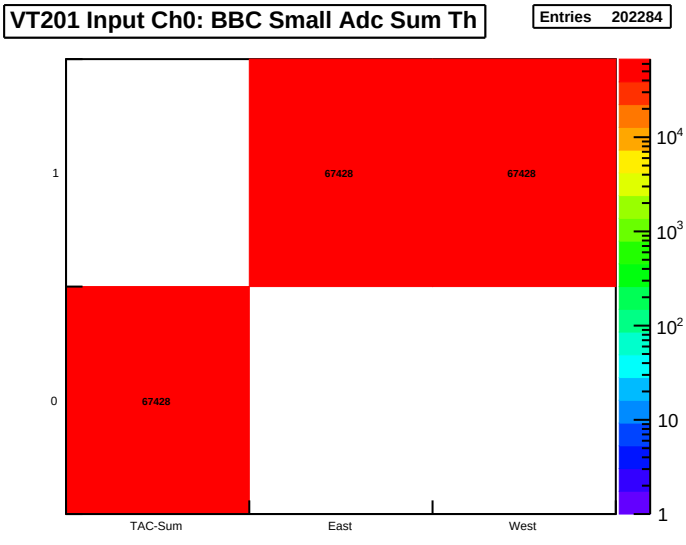

zdcWestTacVsSimu
Entries 2205
Data
Simu

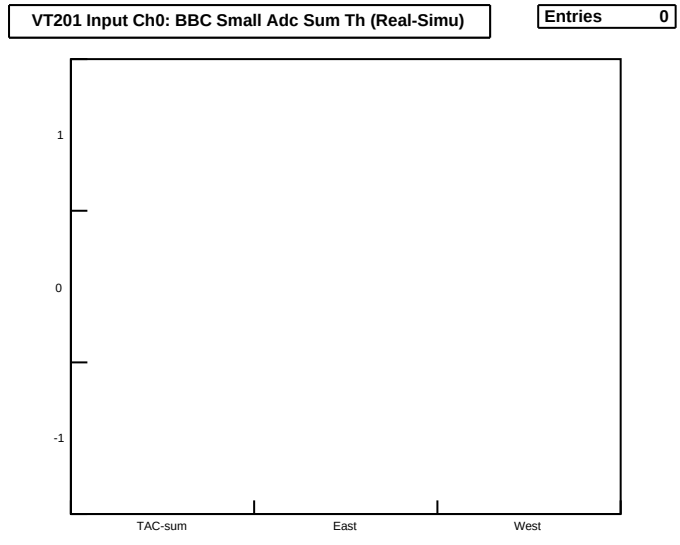

zdcAdcSum
Entries 809136
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

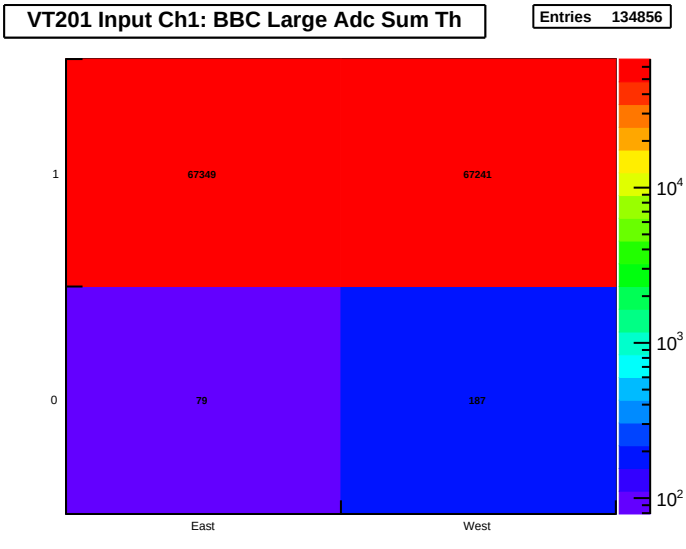

zdcAdcSumDiff
Entries 378404
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

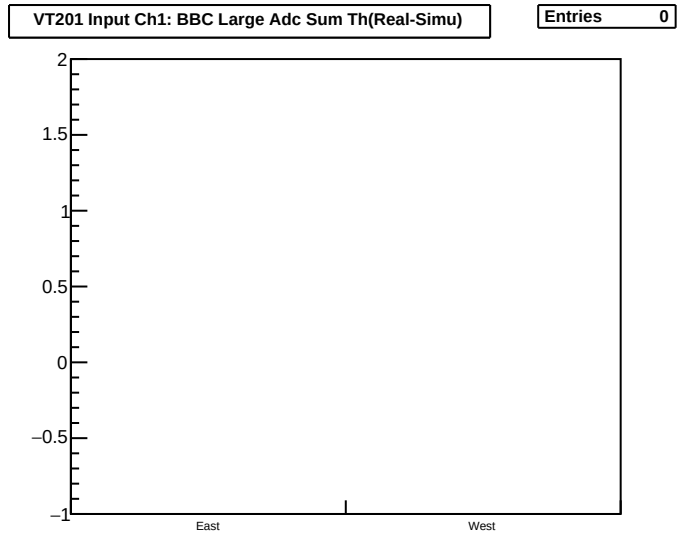

VT201 Input Ch0: BBC Small Tac Diff
Entries 67428
10^3
0 1000 2000 3000 4000 5000 6000 7000 8000
Tac


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

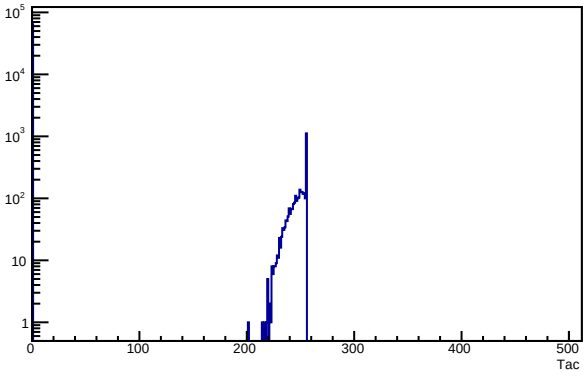

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 202284
1
0
67428
67428
67428
TAC-Sum
East
West
10^4
10^3
10^2
10
1


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

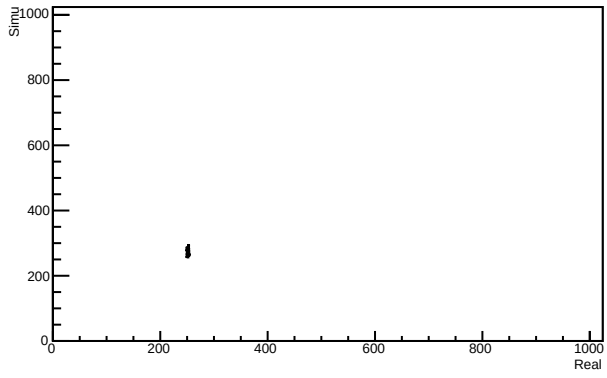

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 134856
1
0
67349
67241
79
187
East
West
10^4
10^3
10^2


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

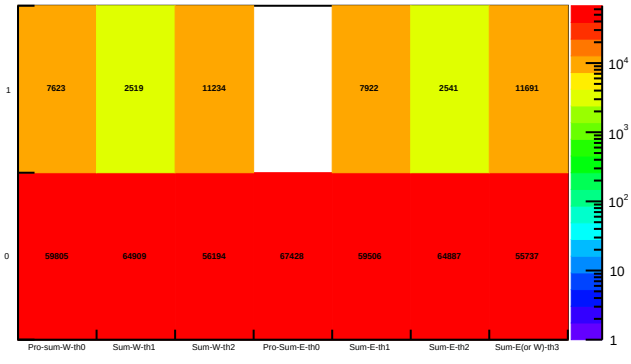
VT201 Input Ch2: ZDC Tac Diff



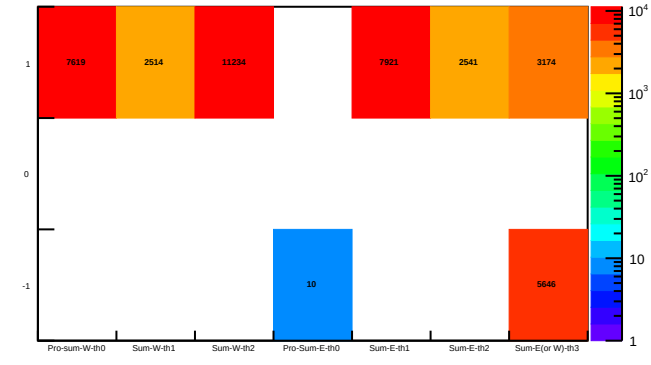
VT201 Input Ch2: ZDC Tac Diff



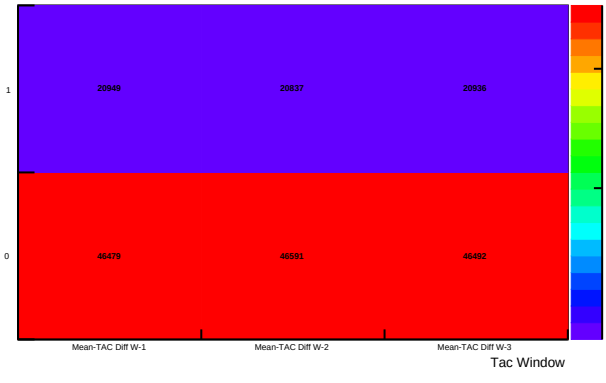
VT201 Input Ch2: ZDC Adc Sum Th



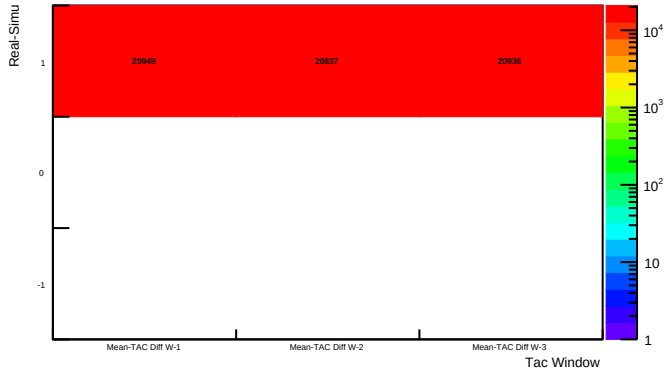
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



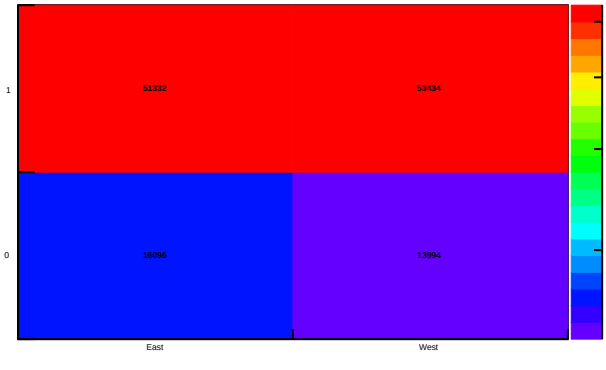
VT201 Input Ch4: VPD Tac Diff



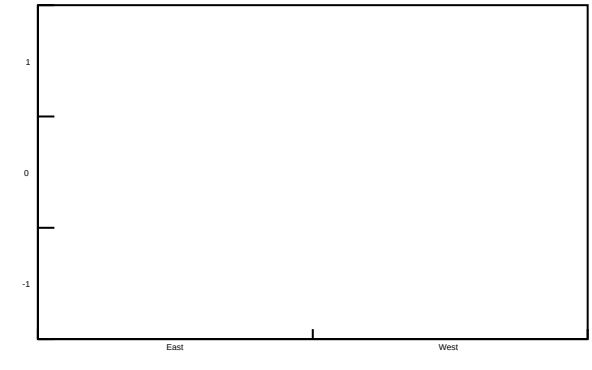
VT201 Input Ch4: VPD Tac Diff

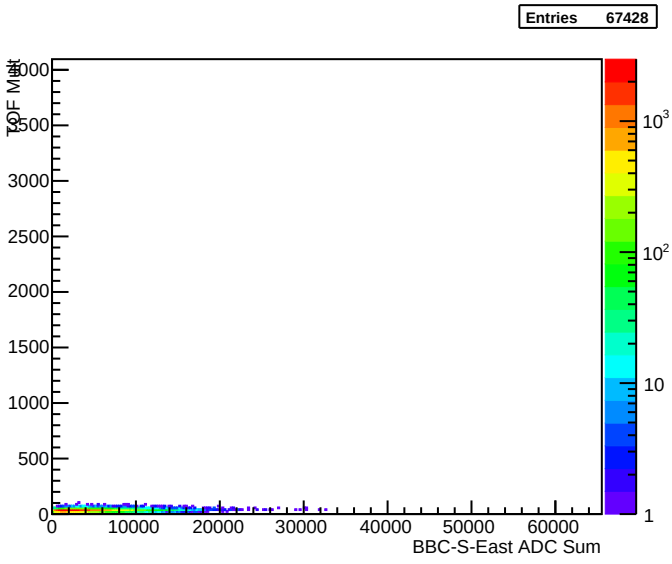


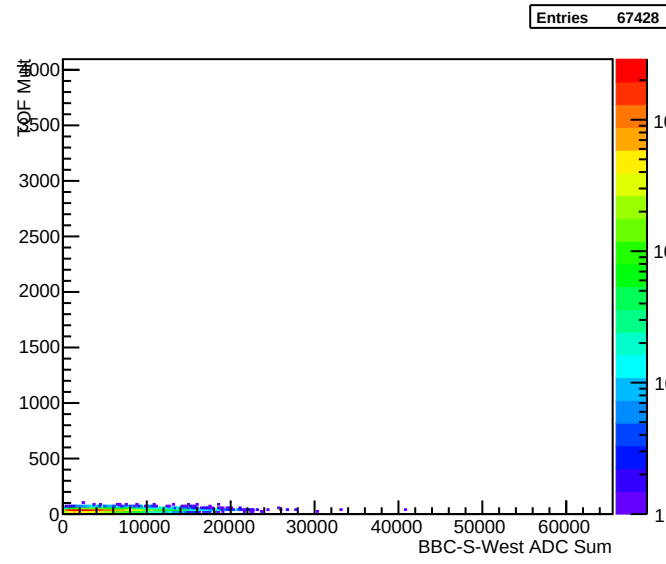
VT201 Input Ch4: VPD Adc Sum Th

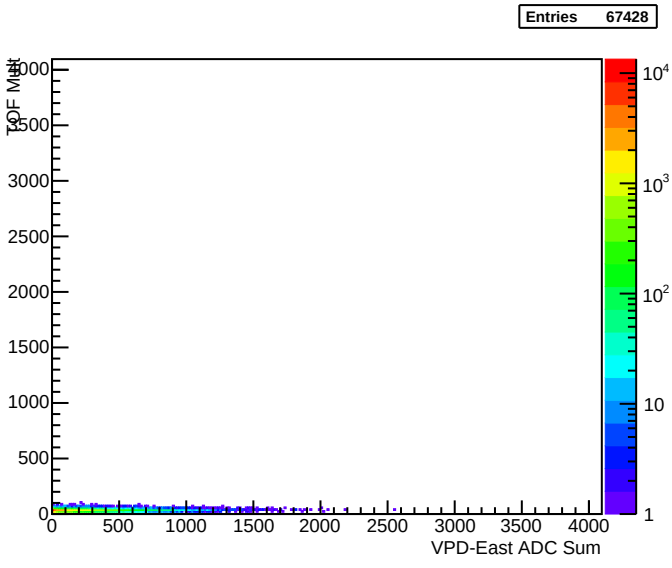


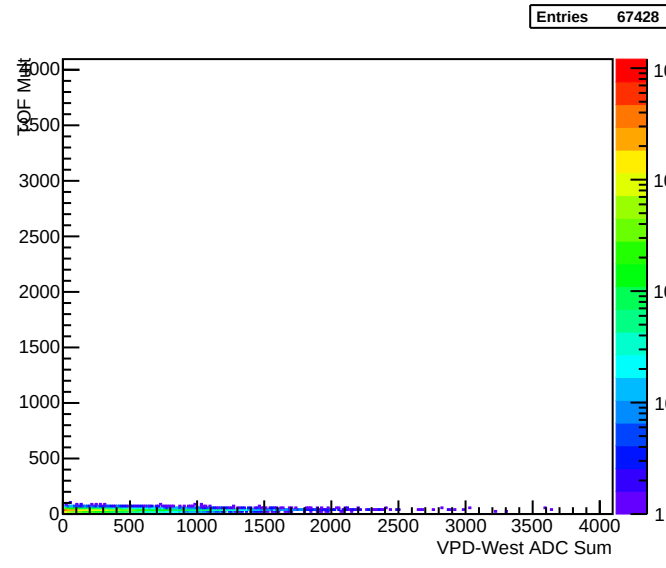
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

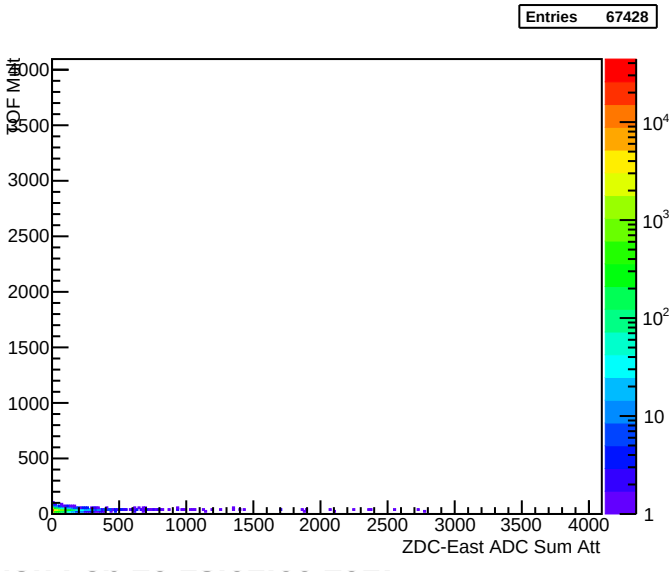


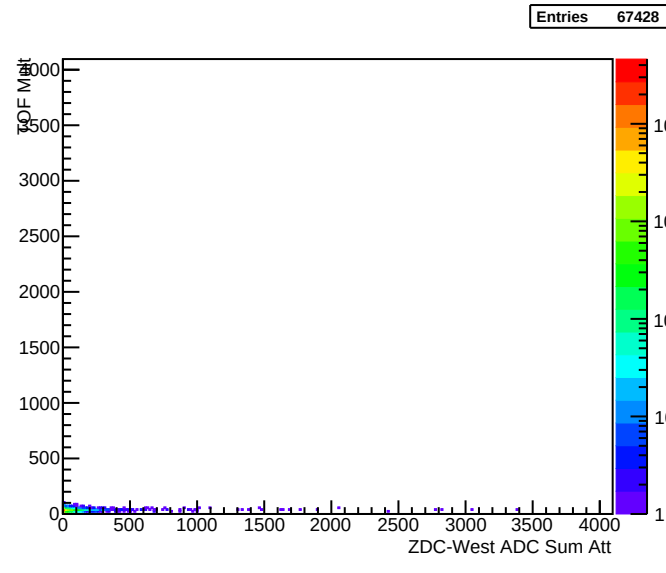

Entries 67428
TOF Mult
BBC-S-East ADC Sum

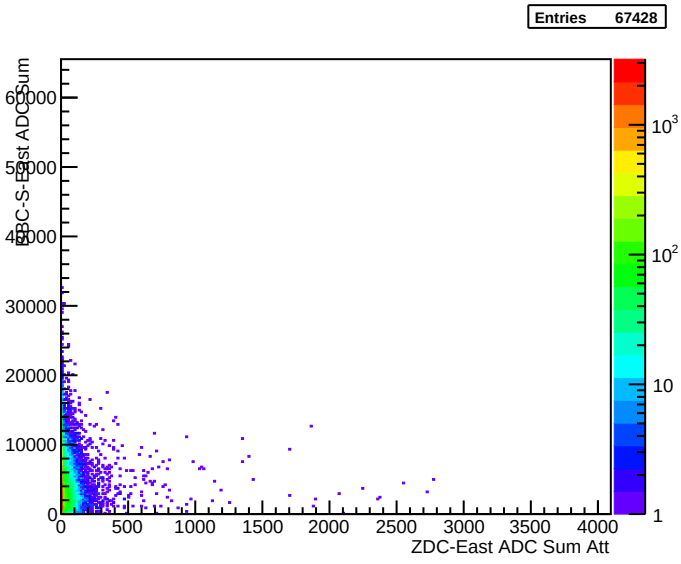

Entries 67428
TOF Mult
BBC-S-West ADC Sum

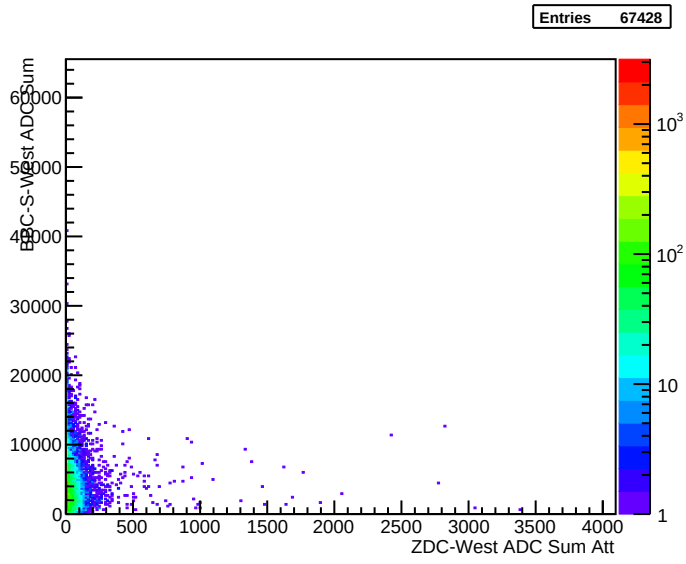

Entries 67428
TOF Mult
VPD-East ADC Sum

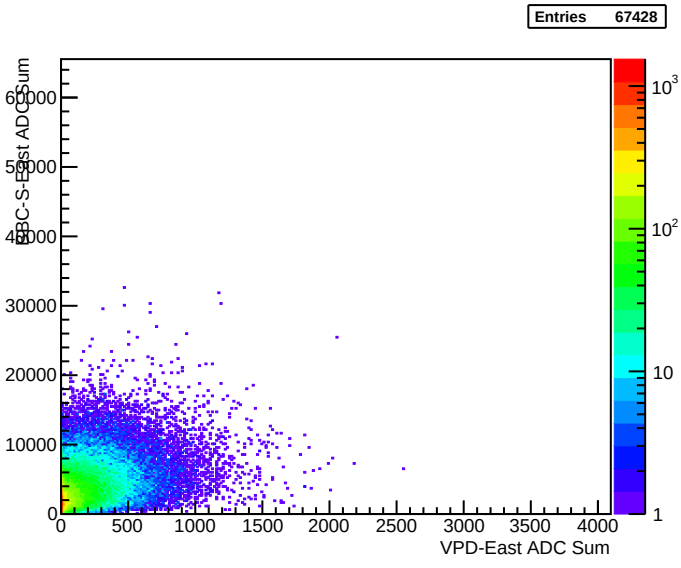

Entries 67428
TOF Mult
VPD-West ADC Sum

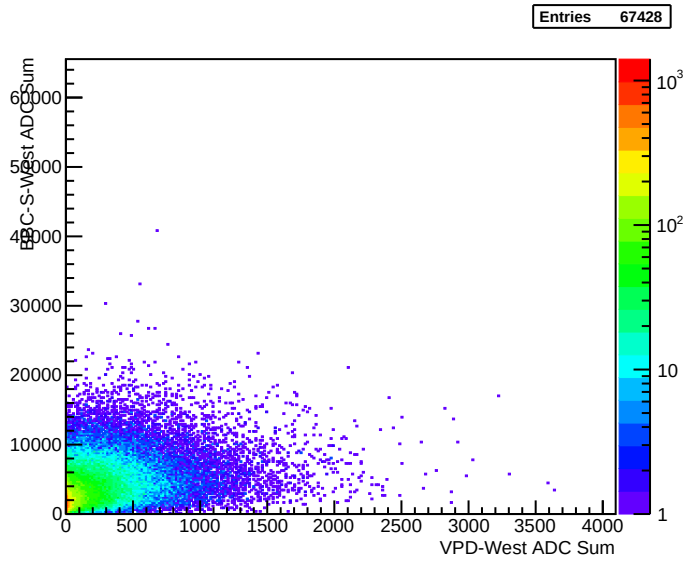

Entries 67428
TOF Mult
ZDC-East ADC Sum Att

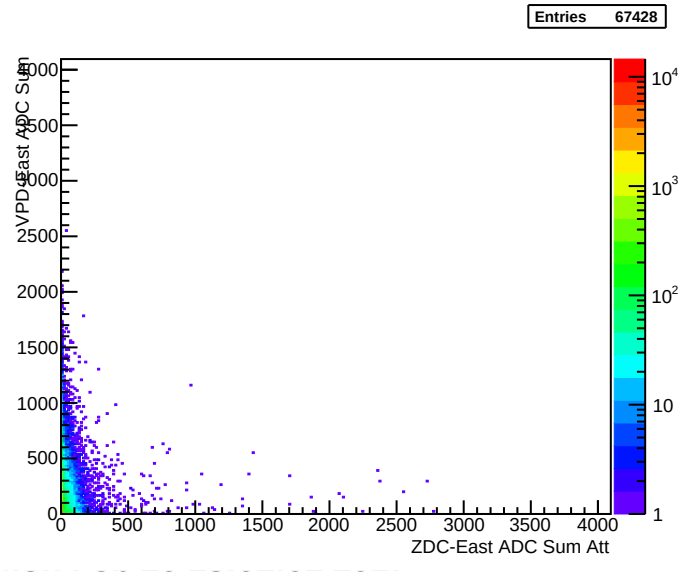

Entries 67428
TOF Mult
ZDC-West ADC Sum Att

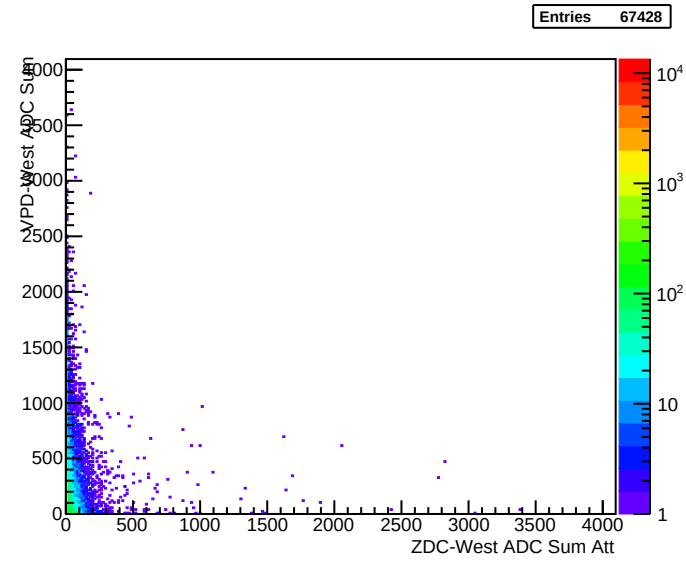

Entries 67428
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

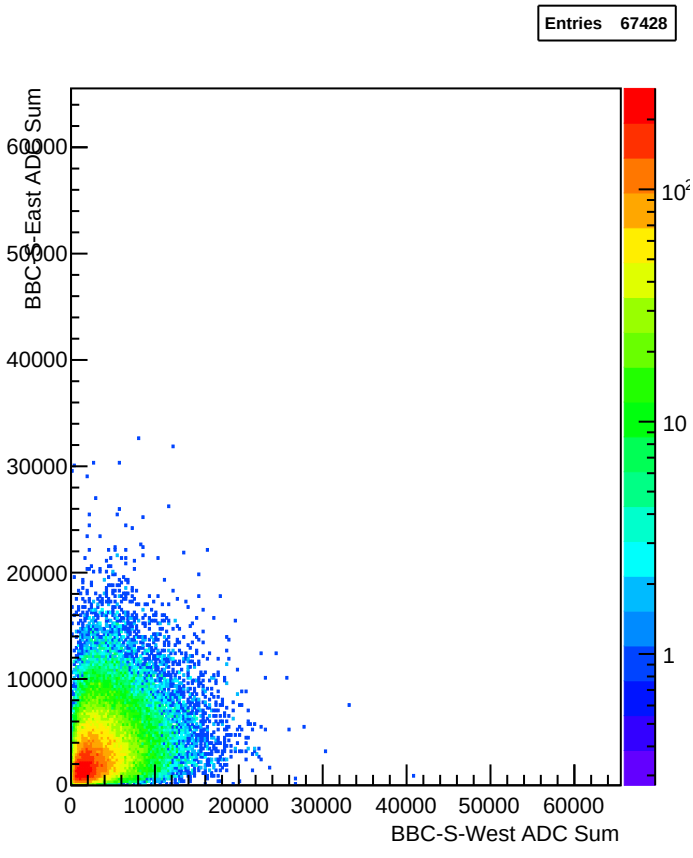

Entries 67428
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

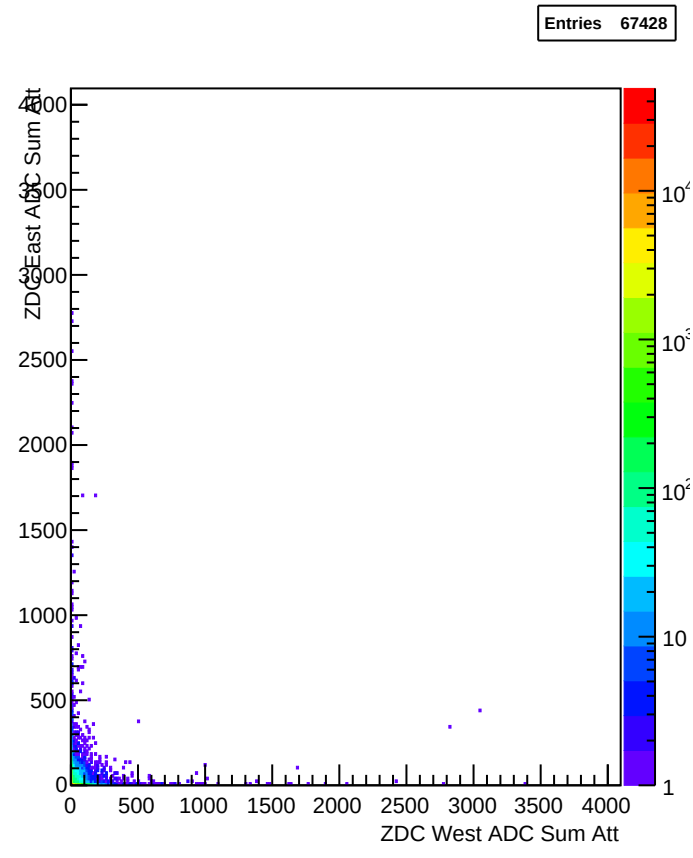

Entries 67428
BBC-S-East ADC Sum
VPD-East ADC Sum

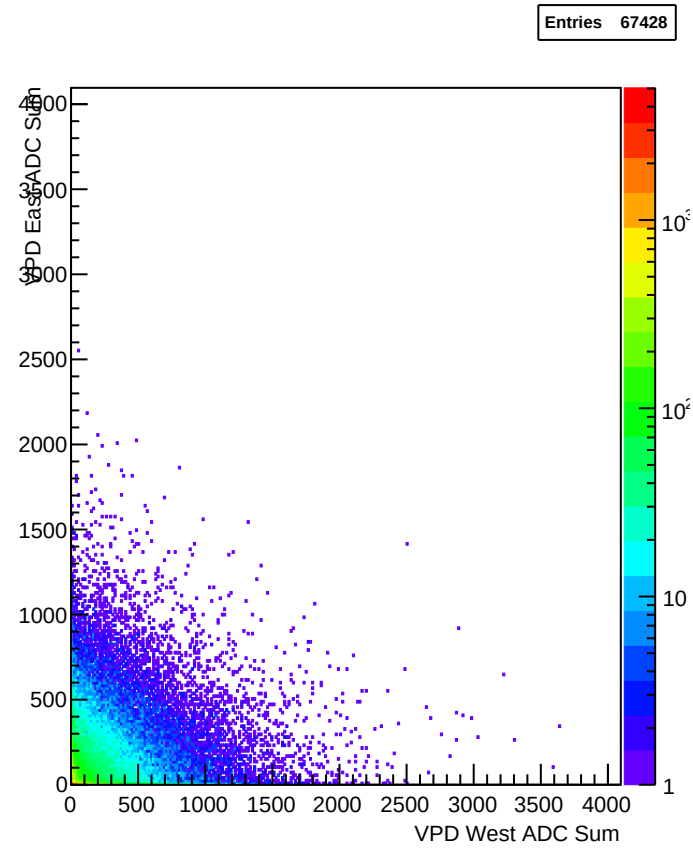

Entries 67428
BBC-S-West ADC Sum
VPD-West ADC Sum

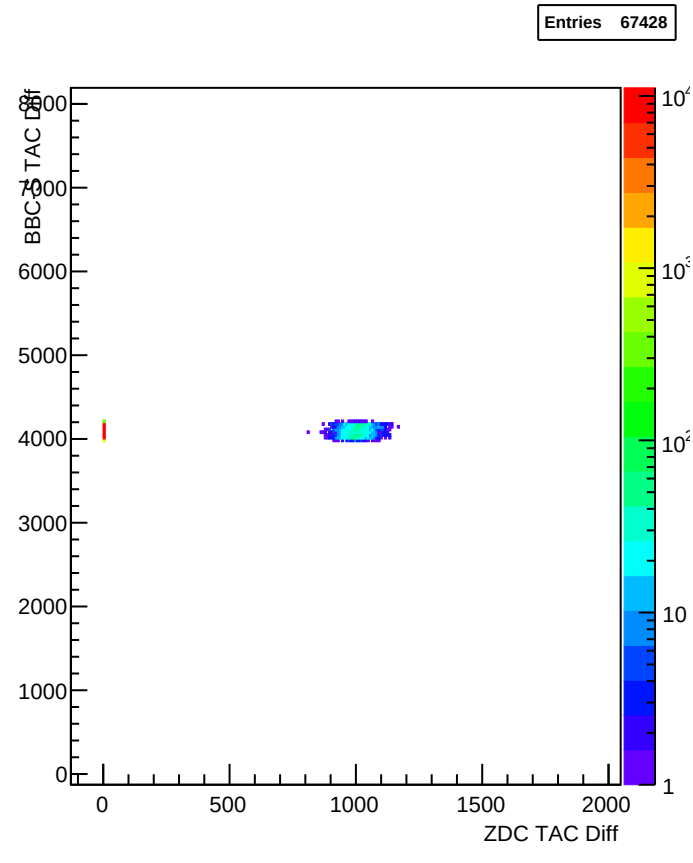

Entries 67428
VPD-East ADC Sum
ZDC-East ADC Sum Att

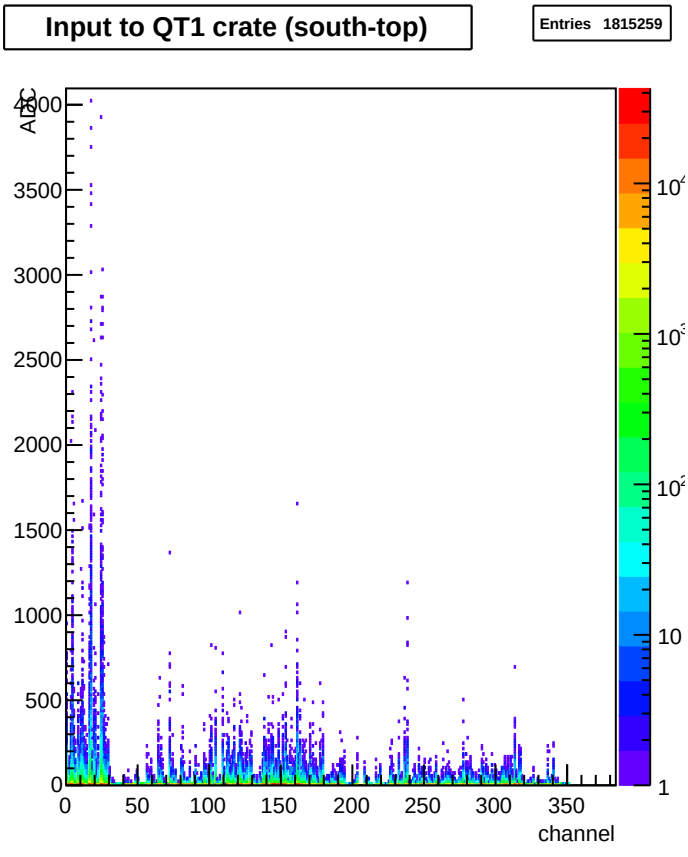

Entries 67428
VPD-West ADC Sum
ZDC-West ADC Sum Att

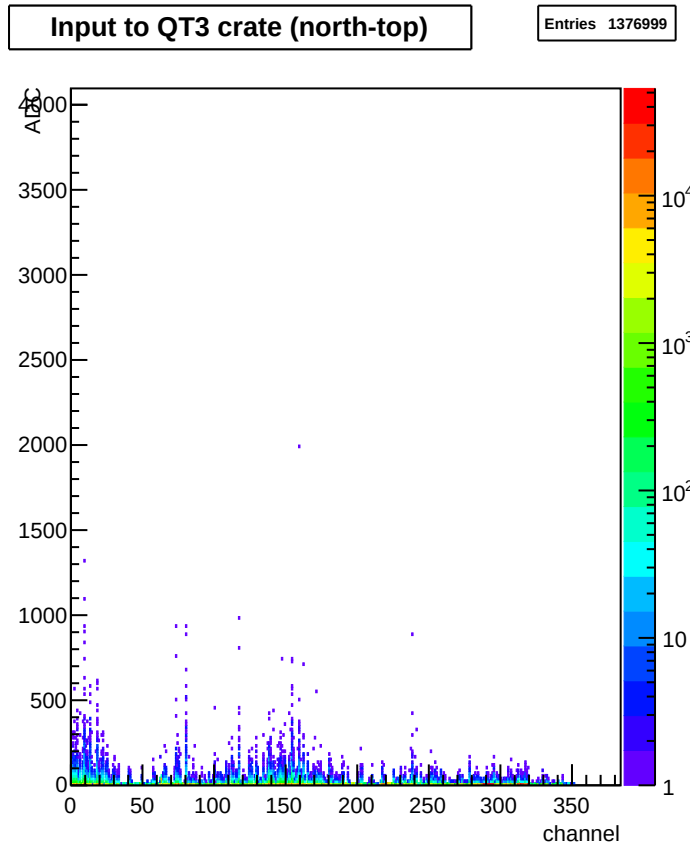

Entries 67428
BBC-S-East ADC Sum
BBC-S-West ADC Sum

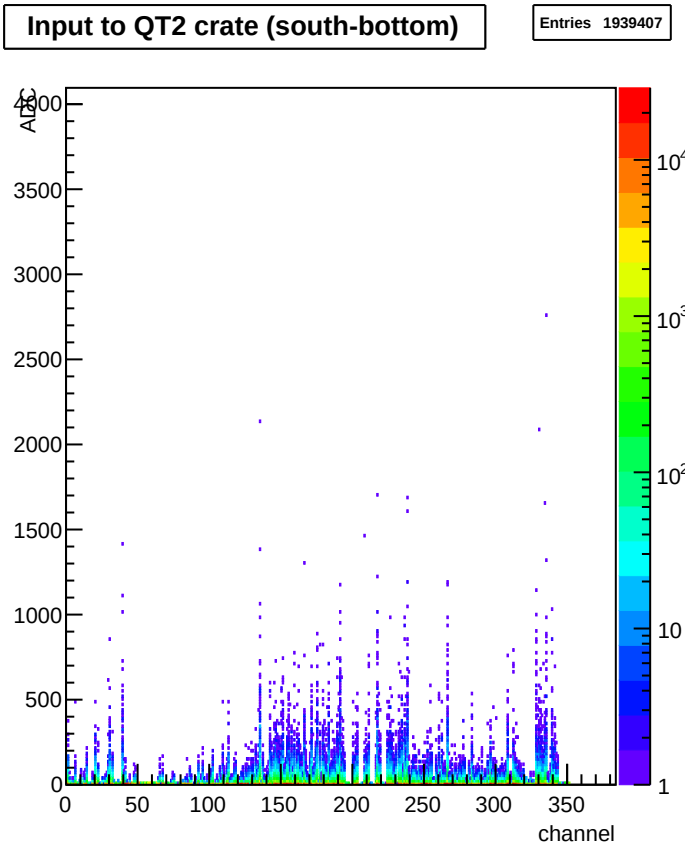

Entries 67428
ZDC East ADC Sum Att
ZDC West ADC Sum Att

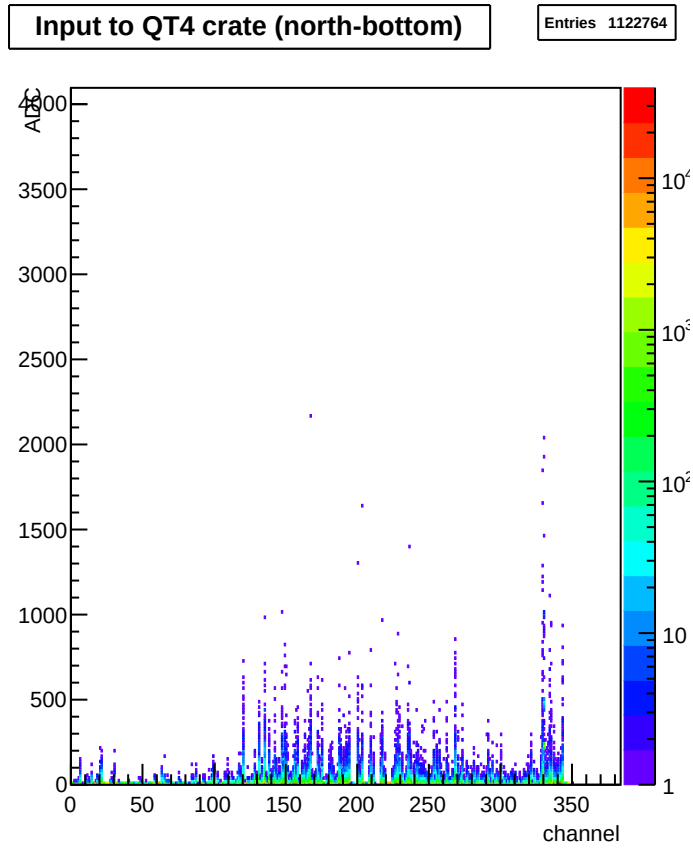

Entries 67428
VPD East ADC Sum
VPD West ADC Sum

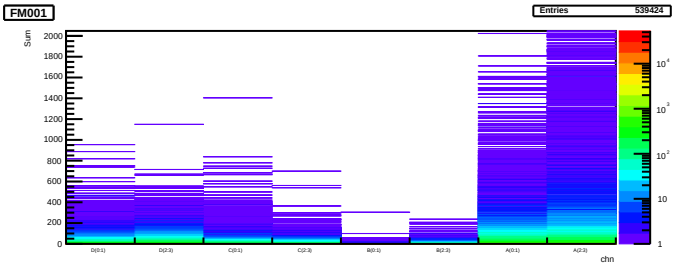

Entries 67428
BBC-S TAC Diff
ZDC TAC Diff

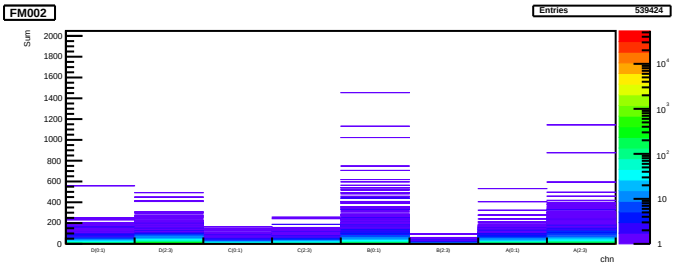

Input to QT1 crate (south-top)
Entries 1815259
ADC
channel

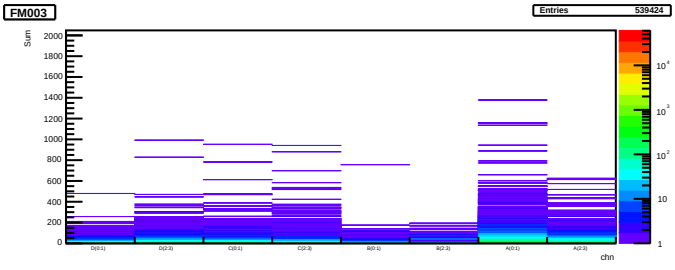

Input to QT3 crate (north-top)
Entries 1376999
ADC
channel

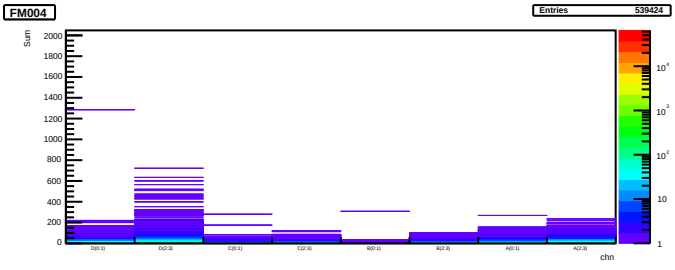

Input to QT2 crate (south-bottom)
Entries 1939407
ADC
channel

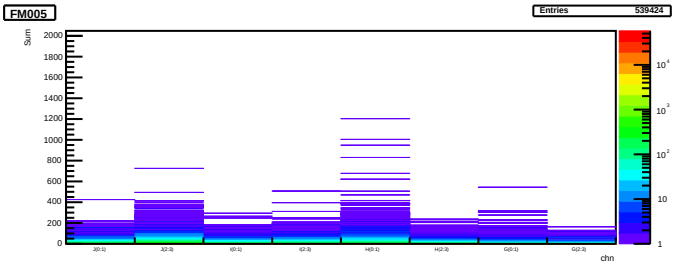

Input to QT4 crate (north-bottom)
Entries 1122764
ADC
channel

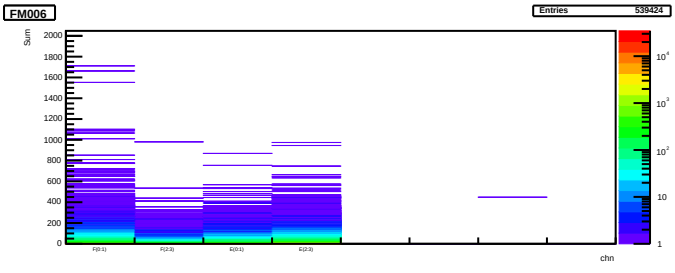

FM001
Entries 539424
Sum
chn

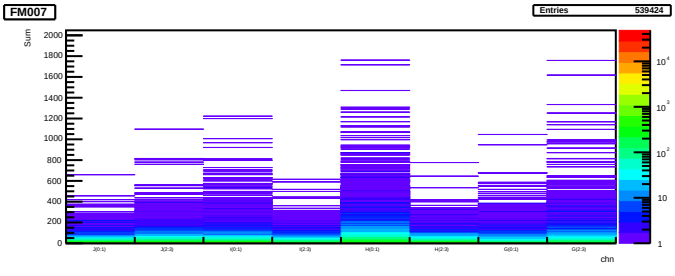

FM002
Entries 539424
Sum
chn

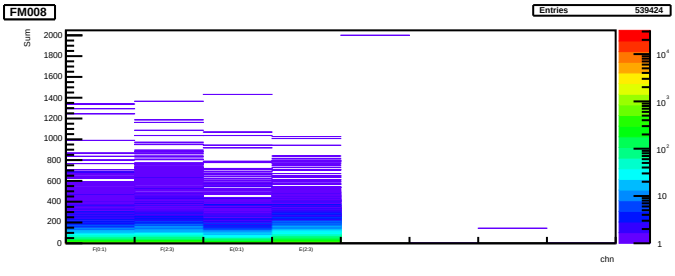

FM003
Entries 539424
Sum
chn

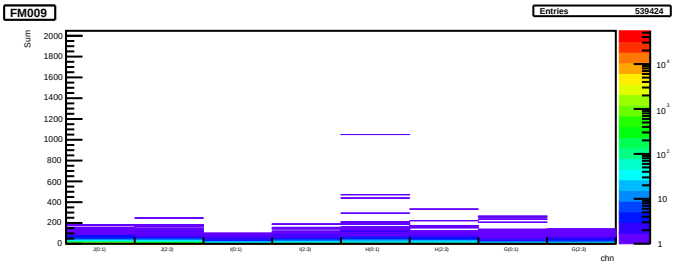

FM004
Entries 539424
Sum
chn

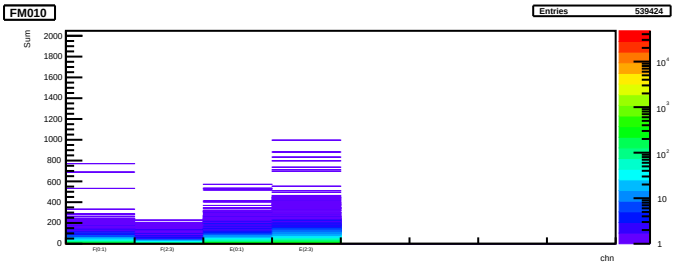

FM005
Entries 539424
Sum
chn

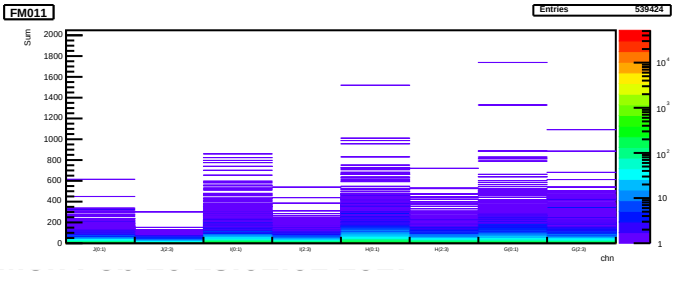

FM006
Entries 539424
Sum
chn

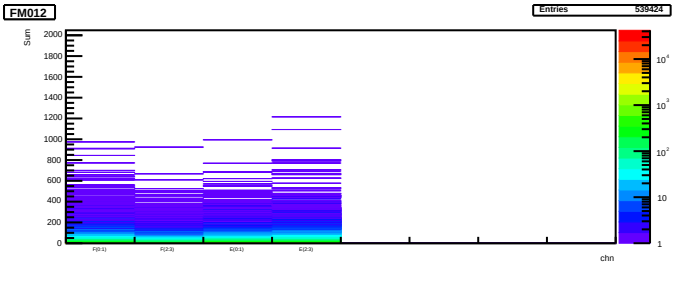

FM007
Entries 539424
Sum
chn

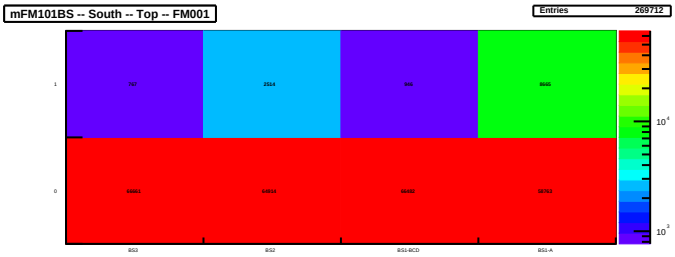

FM008
Entries 539424
Sum
chn

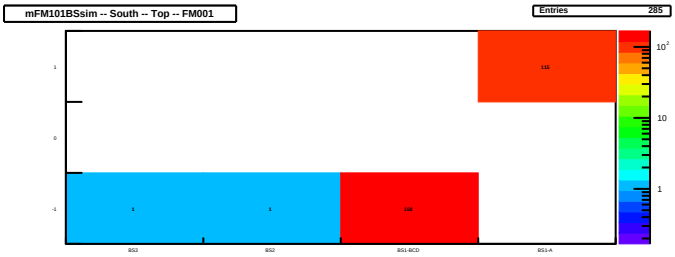

FM009
Entries 539424
Sum
chn

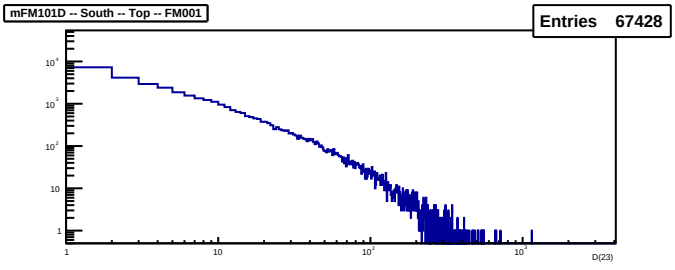

FM010
Entries 539424
Sum
chn

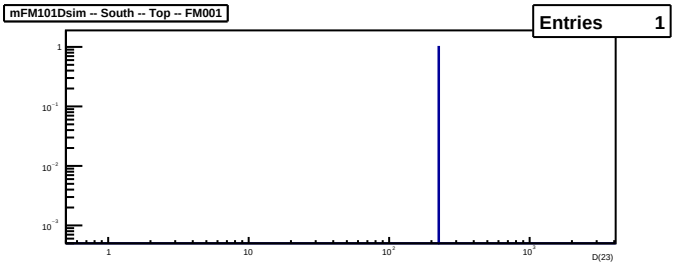

FM011
Entries 539424
Sum
chn

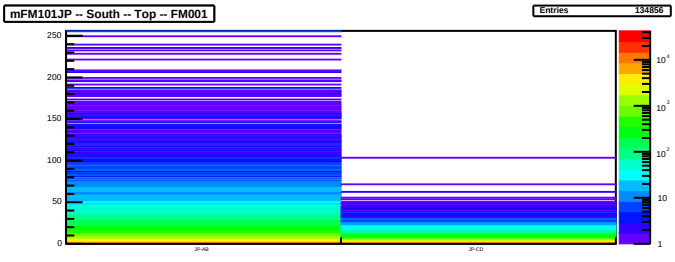

FM012
Entries 539424
Sum
chn

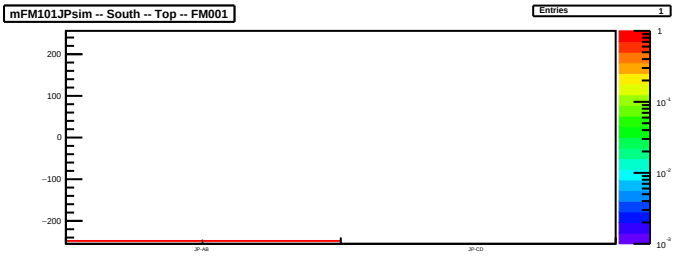

mFM101BS -- South -- Top -- FM001
Entries 269712

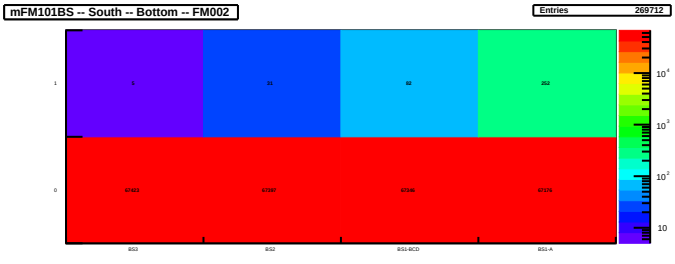

mFM101BSsim -- South -- Top -- FM001
Entries 285

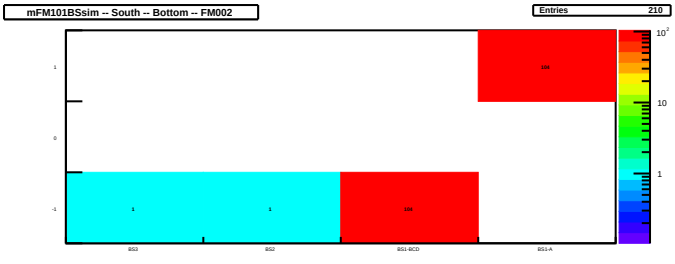

mFM101D -- South -- Top -- FM001
Entries 67428
D(23)

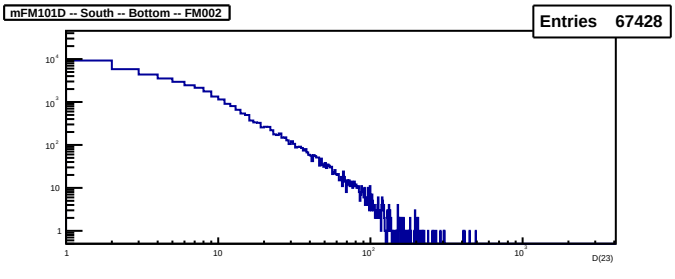

mFM101Dsim -- South -- Top -- FM001
Entries 1
D(23)

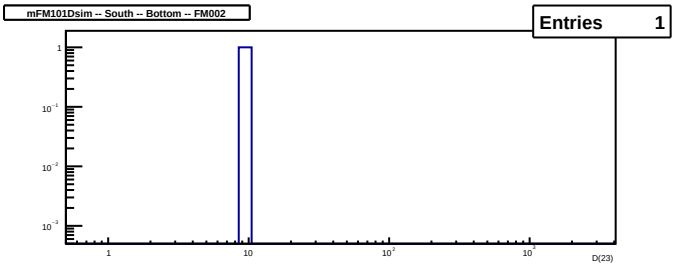

mFM101JP -- South -- Top -- FM001
Entries 134856

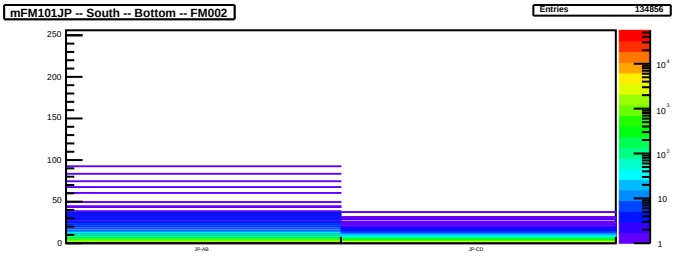

mFM101JPsim -- South -- Top -- FM001
Entries 1

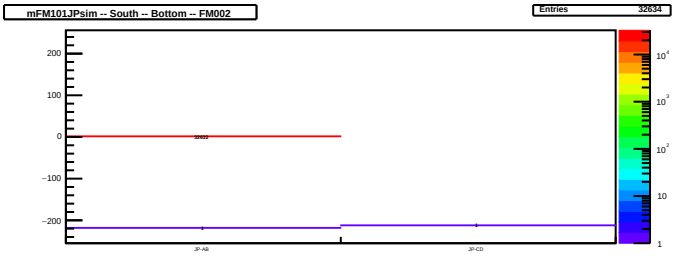

mFM101BS -- South -- Bottom -- FM002
Entries 269712

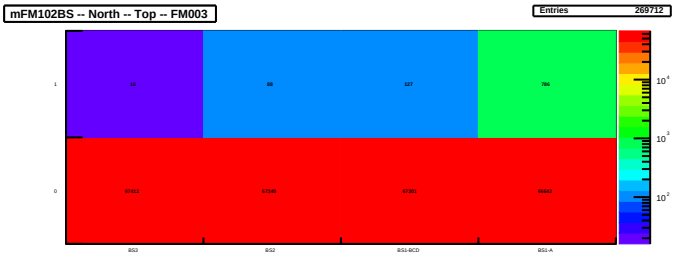

mFM101BSsim -- South -- Bottom -- FM002
Entries 210

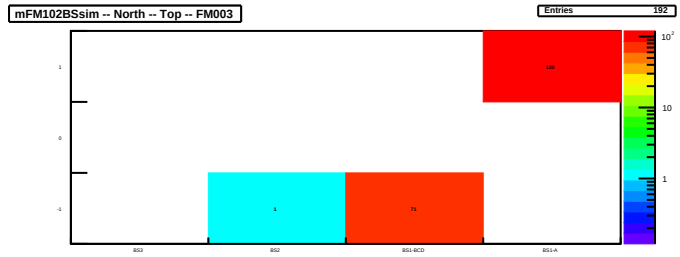

mFM101D -- South -- Bottom -- FM002
Entries 67428
D(23)

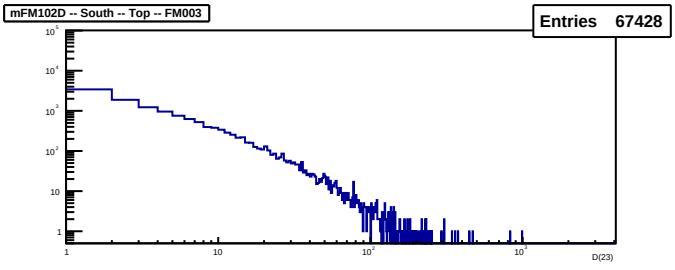

mFM101Dsim -- South -- Bottom -- FM002
Entries 1
D(23)

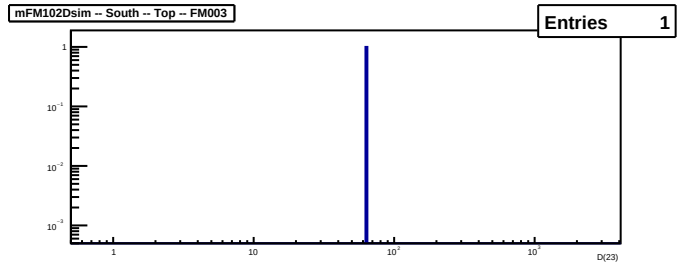

mFM101JP -- South -- Bottom -- FM002
Entries 134856

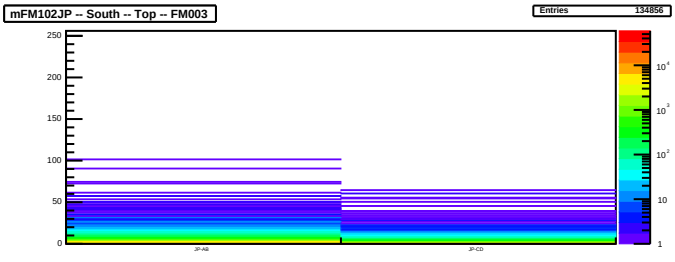

mFM101JPsim -- South -- Bottom -- FM002
Entries 32634

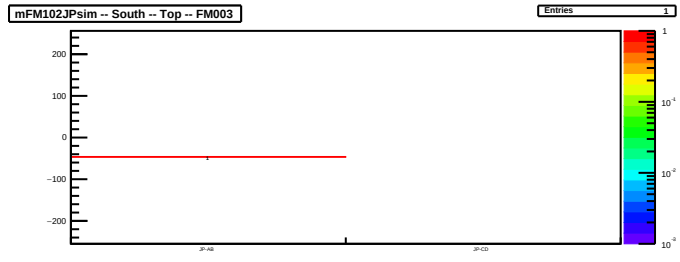

mFM102BS -- North -- Top -- FM003
Entries 269712

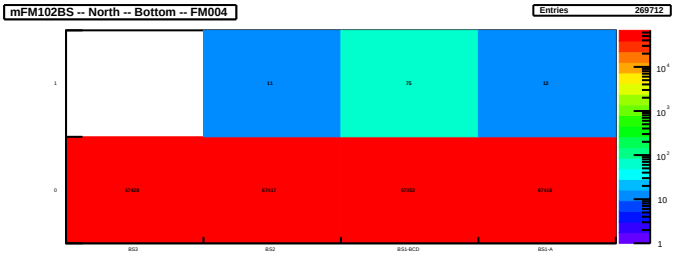

mFM102BSsim -- North -- Top -- FM003
Entries 192

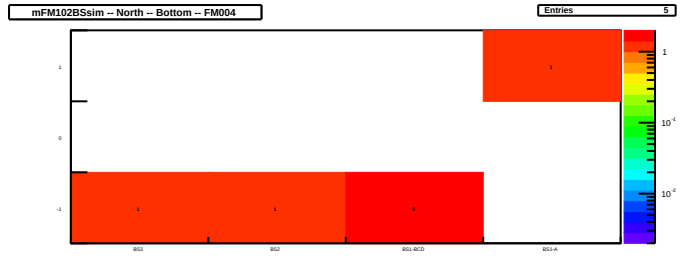

mFM102D -- South -- Top -- FM003
Entries 67428
D(23)

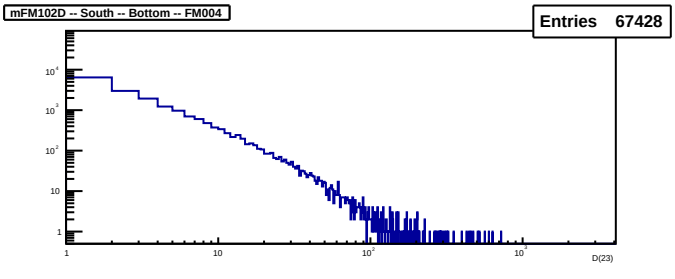

mFM102Dsim -- South -- Top -- FM003
Entries 1
D(23)

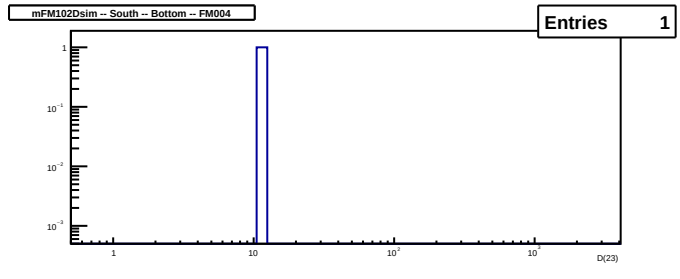

mFM102JP -- South -- Top -- FM003
Entries 134856

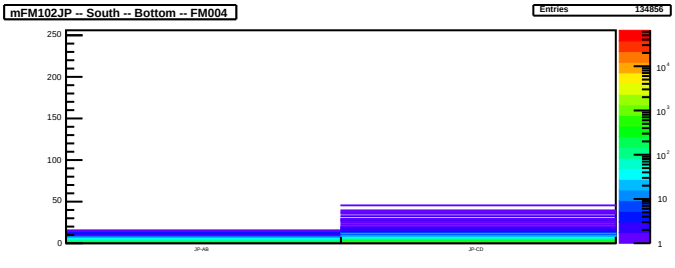

mFM102JPsim -- South -- Top -- FM003
Entries 1

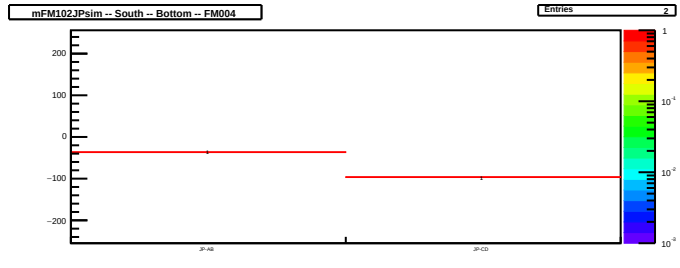

mFM102BS -- North -- Bottom -- FM004
Entries 269712

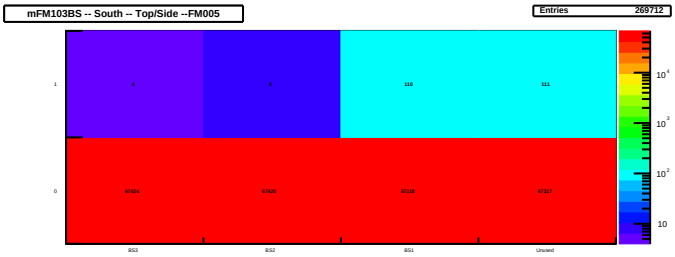

mFM102BSsim -- North -- Bottom -- FM004
Entries 5

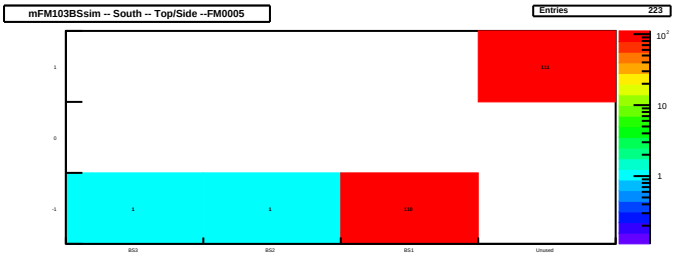

mFM102D -- South -- Bottom -- FM004
Entries 67428
D(23)

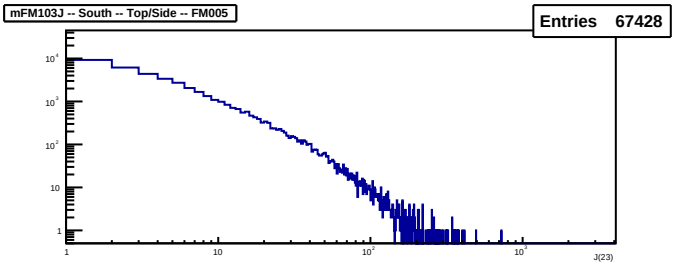

mFM102Dsim -- South -- Bottom -- FM004
Entries 1
D(23)

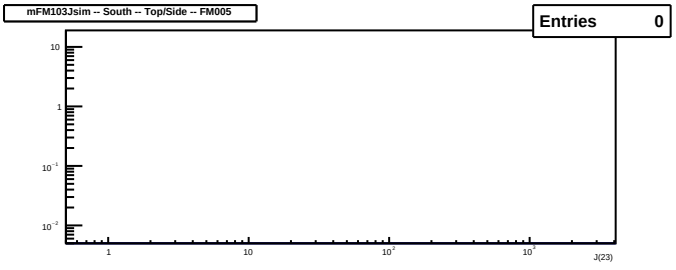

mFM102JP -- South -- Bottom -- FM004
Entries 134856

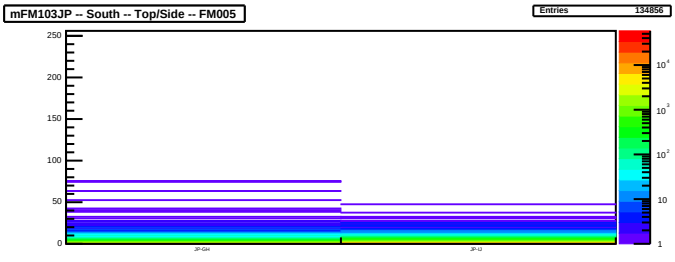

mFM102JPsim -- South -- Bottom -- FM004
Entries 2

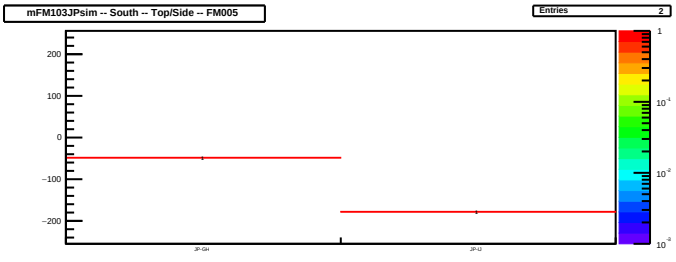

mFM103BS -- South -- Top/Side --FM005
Entries 269712

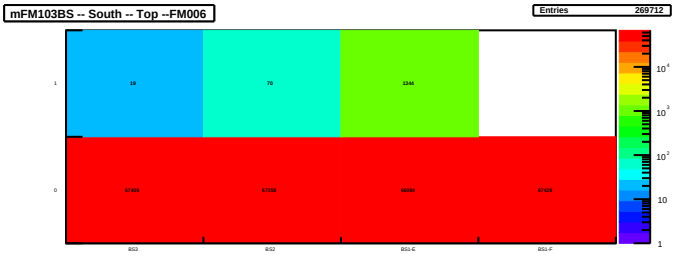

mFM103BSsim -- South -- Top/Side --FM0005
Entries 223

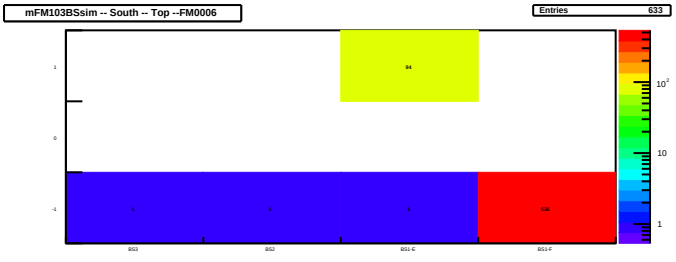

mFM103J -- South -- Top/Side -- FM005
Entries 67428
J(23)

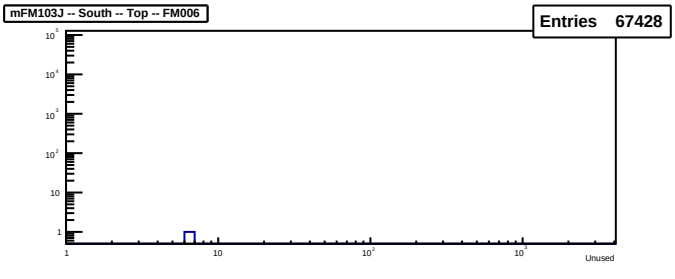

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

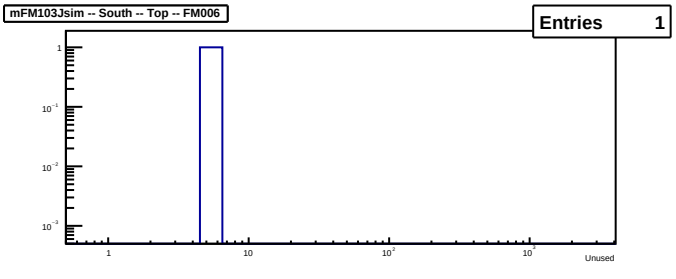

mFM103JP -- South -- Top/Side -- FM005
Entries 134856

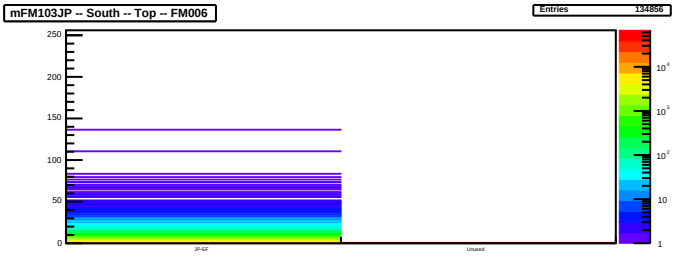

mFM103JPsim -- South -- Top/Side -- FM005
Entries 2

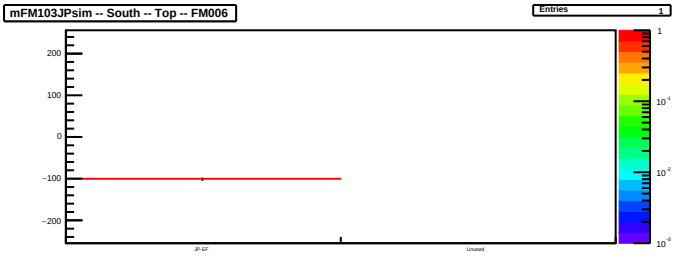

mFM103BS -- South -- Top --FM006
Entries 269712

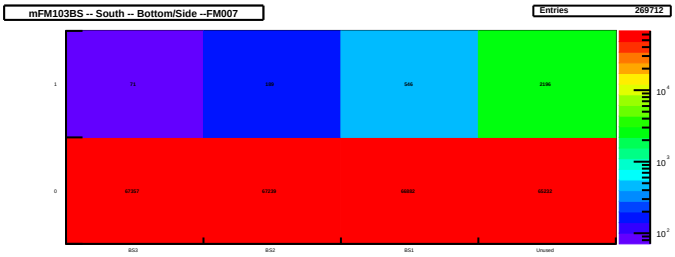

mFM103BSsim -- South -- Top --FM0006
Entries 633

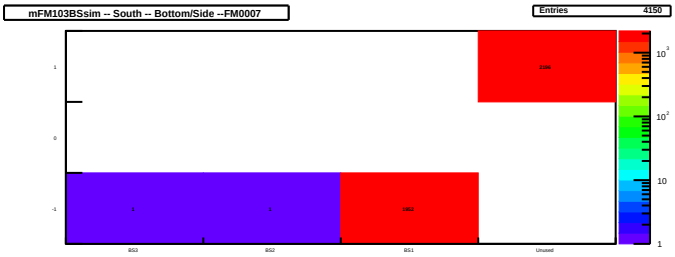

mFM103J -- South -- Top -- FM006
Entries 67428
Unused

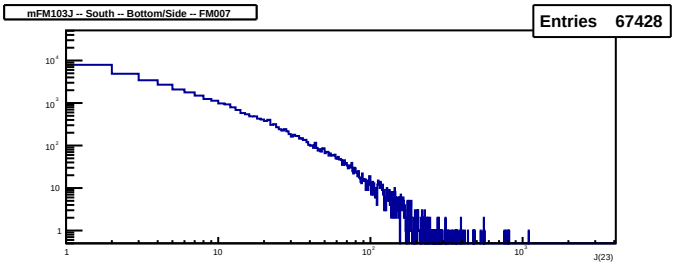

mFM103Jsim -- South -- Top -- FM006
Entries 1
Unused

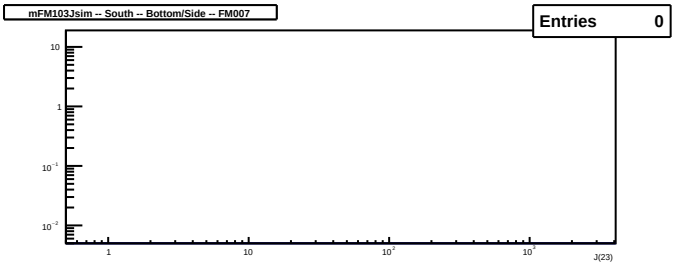

mFM103JP -- South -- Top -- FM006
Entries 134856

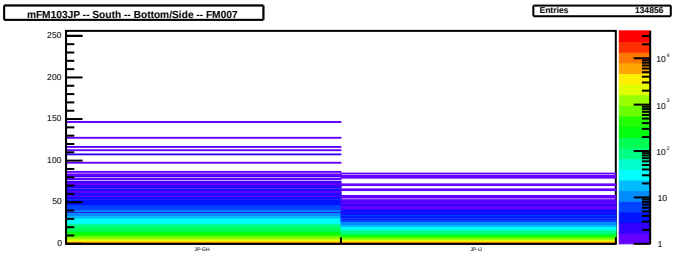

mFM103JPsim -- South -- Top -- FM006
Entries 1

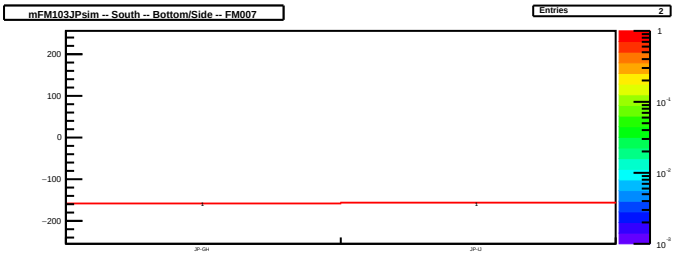

mFM103BS -- South -- Bottom/Side --FM007
Entries 269712
71
146
546
2196
67397
67239
66692
65232
BS3
BS2
BS1
Unused

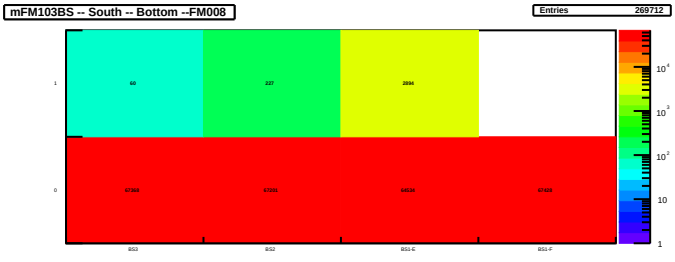

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 4150
2196
1
1
1952
BS3
BS2
BS1
Unused

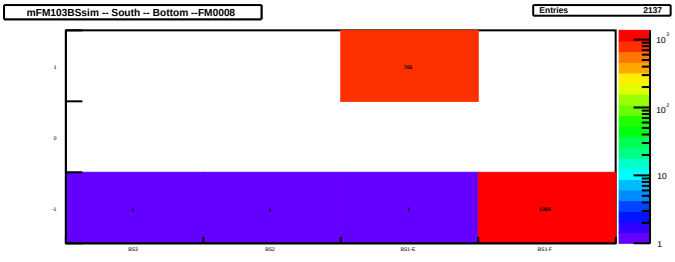

mFM103J -- South -- Bottom/Side -- FM007
Entries 67428
J(23)

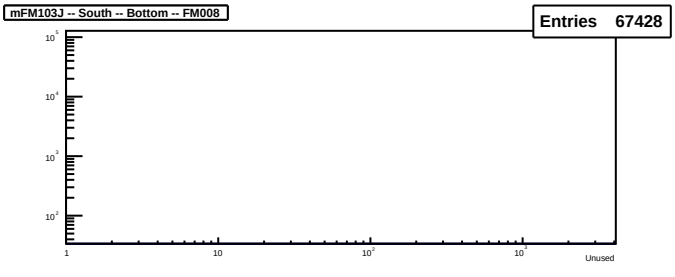

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

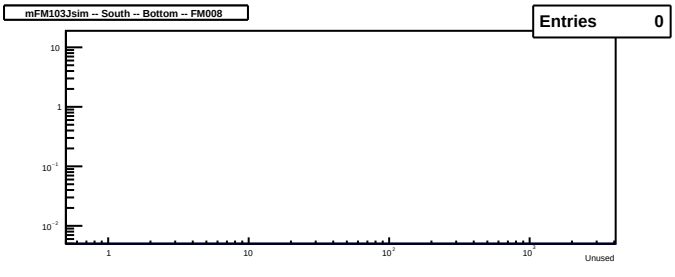

mFM103JP -- South -- Bottom/Side -- FM007
Entries 134856
JP-GH
JP-IJ

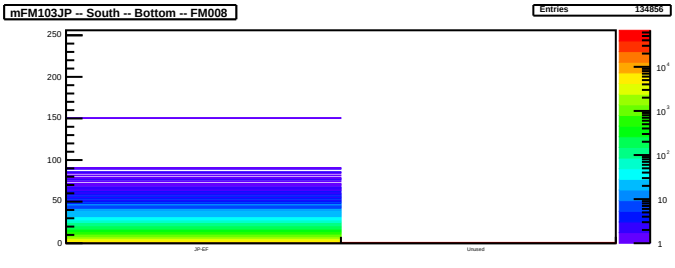

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 2
JP-GH
JP-IJ

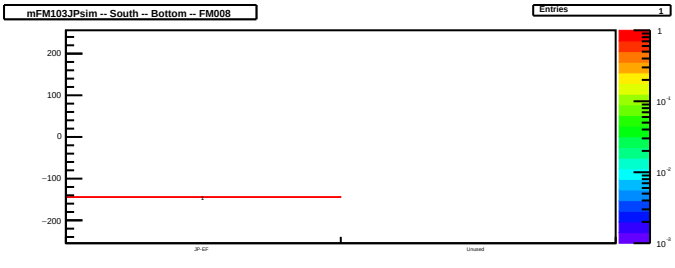

mFM103BS -- South -- Bottom --FM008
Entries 269712
60
227
2894
67368
67031
64534
67428
BS3
BS2
BS1-E
BS1-F

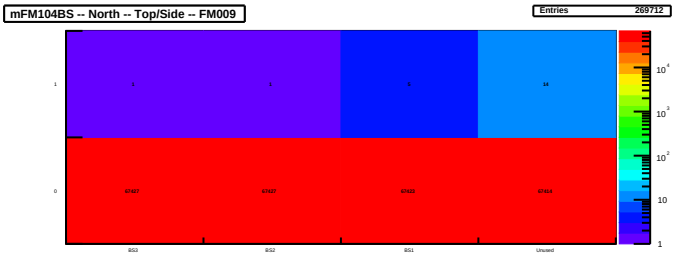

mFM103BSsim -- South -- Bottom --FM0008
Entries 2137
765
1
1
1
1369
BS3
BS2
BS1-E
BS1-F

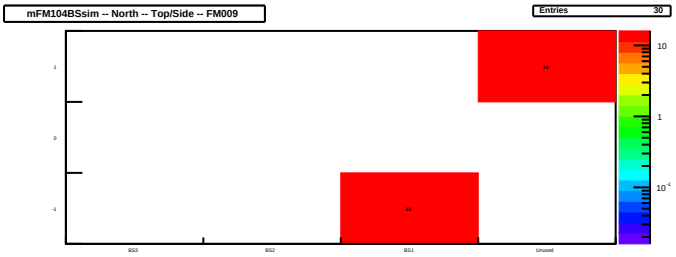

mFM103J -- South -- Bottom -- FM008
Entries 67428
Unused

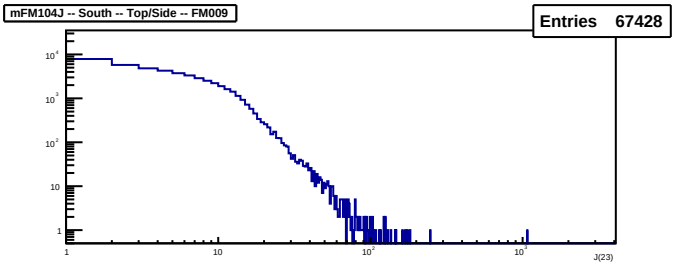

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

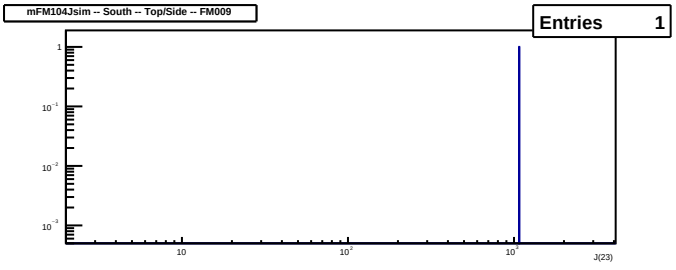

mFM103JP -- South -- Bottom -- FM008
Entries 134856
JP-EF
Unused

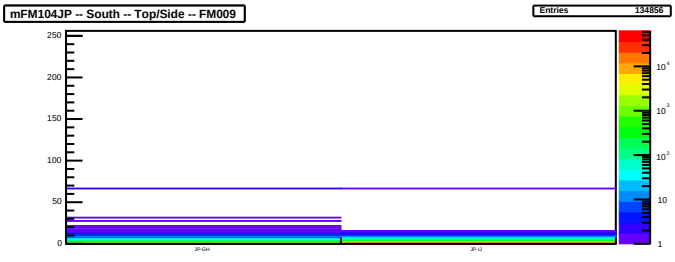

mFM103JPsim -- South -- Bottom -- FM008
Entries 1
JP-EF
Unused

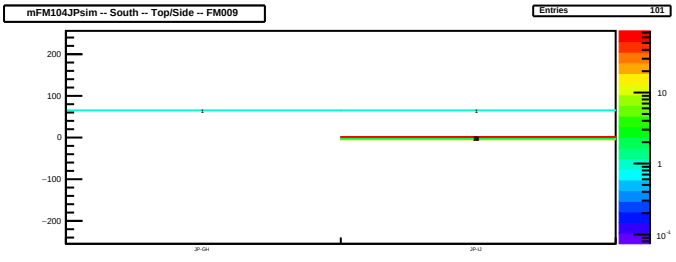

mFM104BS -- North -- Top/Side -- FM009
Entries 269712

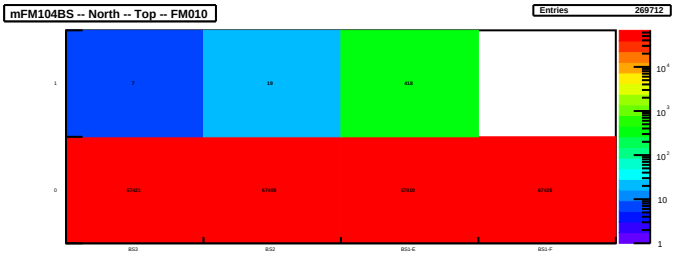

mFM104BSsim -- North -- Top/Side -- FM009
Entries 30

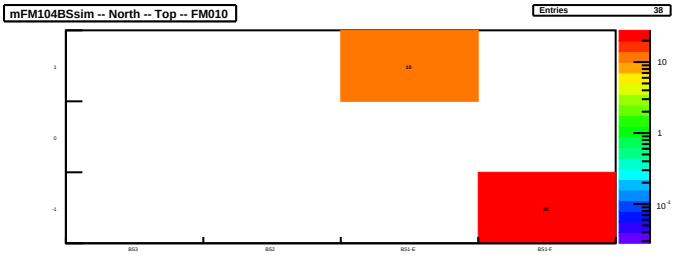

mFM104J -- South -- Top/Side -- FM009
Entries 67428
J(23)

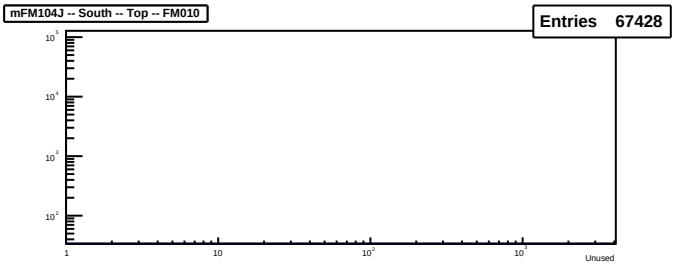

mFM104Jsim -- South -- Top/Side -- FM009
Entries 1
J(23)

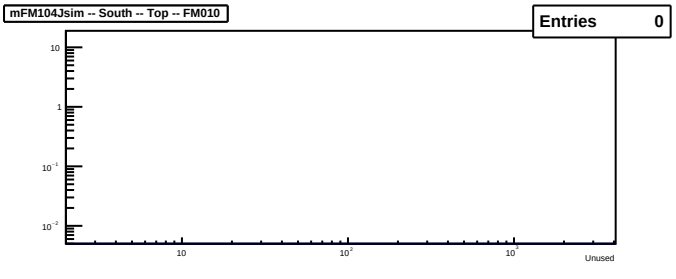

mFM104JP -- South -- Top/Side -- FM009
Entries 134856

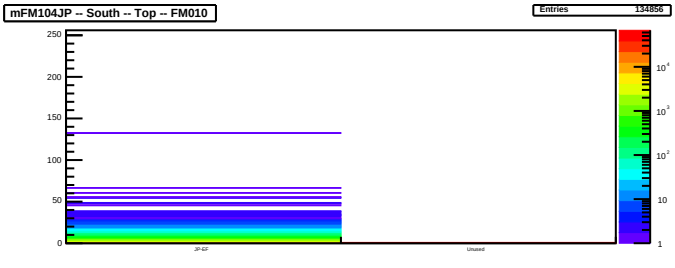

mFM104JPsim -- South -- Top/Side -- FM009
Entries 101

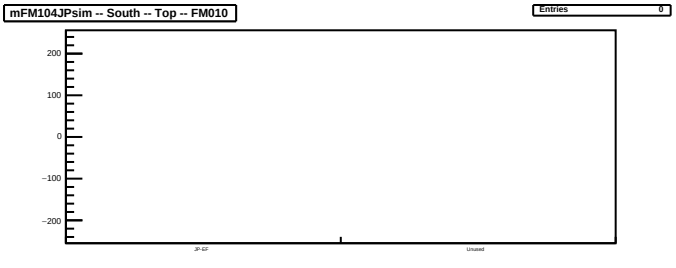

mFM104BS -- North -- Top -- FM010
Entries 269712

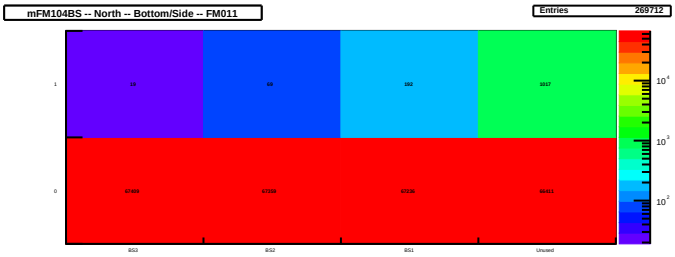

mFM104BSsim -- North -- Top -- FM010
Entries 38

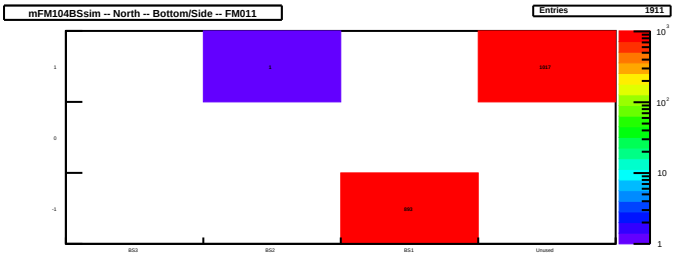

mFM104J -- South -- Top -- FM010
Entries 67428
Unused

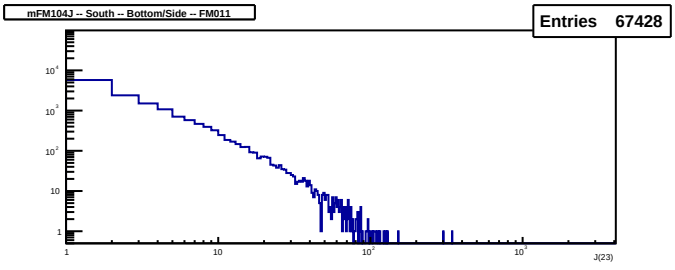

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

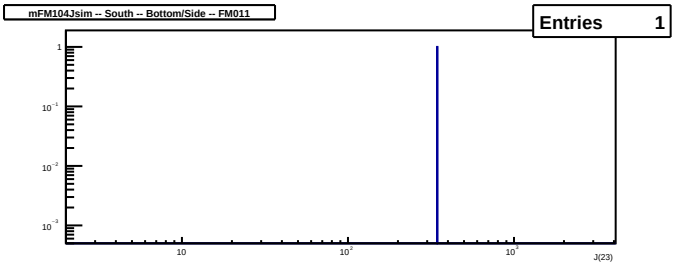

mFM104JP -- South -- Top -- FM010
Entries 134856

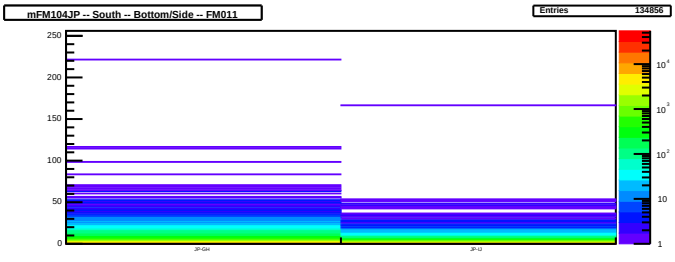

mFM104JPsim -- South -- Top -- FM010
Entries 0

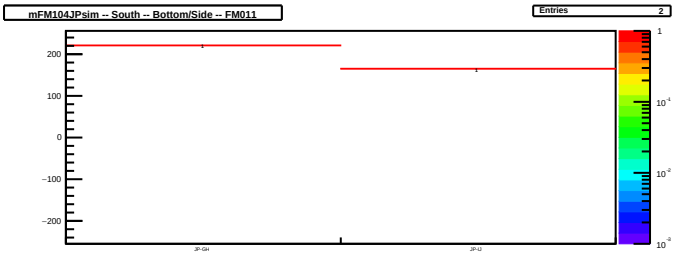

mFM104BS -- North -- Bottom/Side -- FM011
Entries 269712

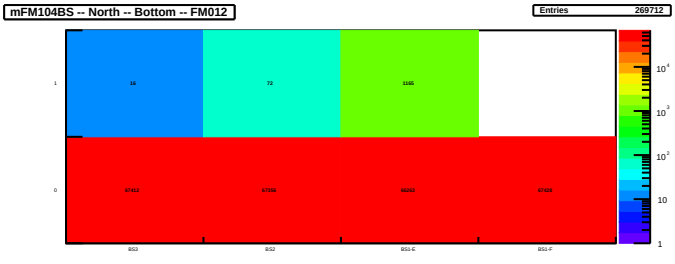

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1911

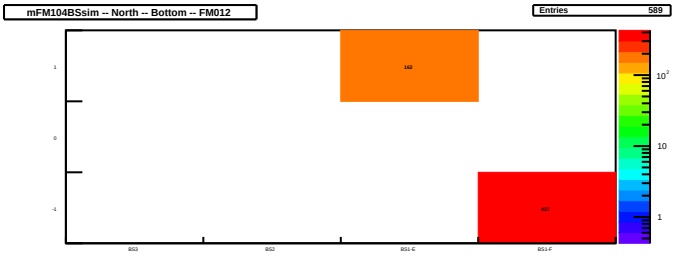

mFM104J -- South -- Bottom/Side -- FM011
Entries 67428
J(23)

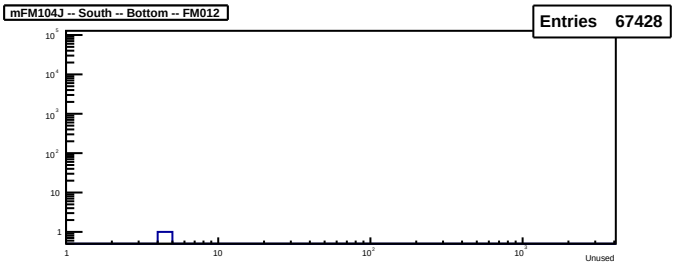

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1
J(23)

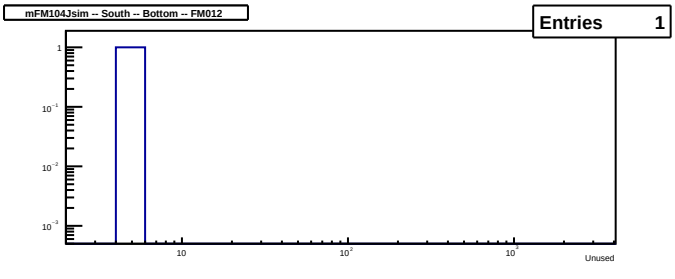

mFM104JP -- South -- Bottom/Side -- FM011
Entries 134856

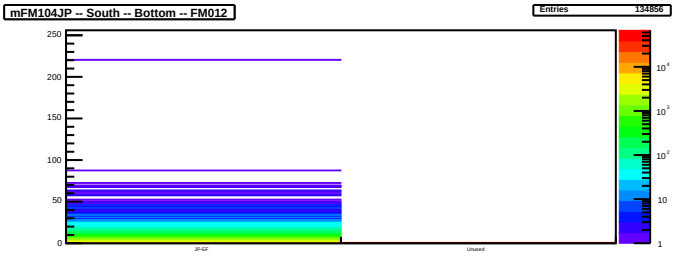

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2


mFM104BS -- North -- Bottom -- FM012
Entries 269712

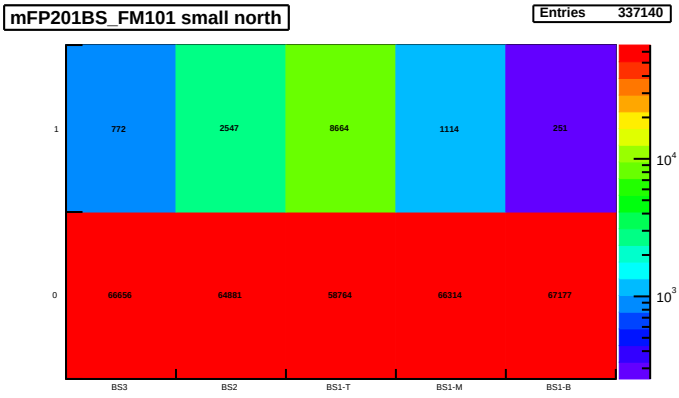

mFM104BSsim -- North -- Bottom -- FM012
Entries 589

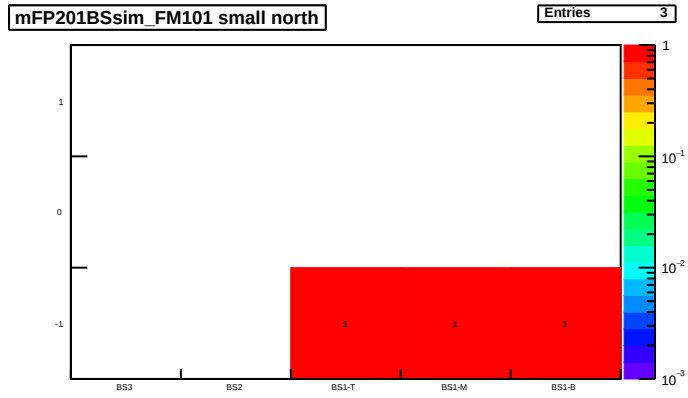

mFM104J -- South -- Bottom -- FM012
Entries 67428
Unused

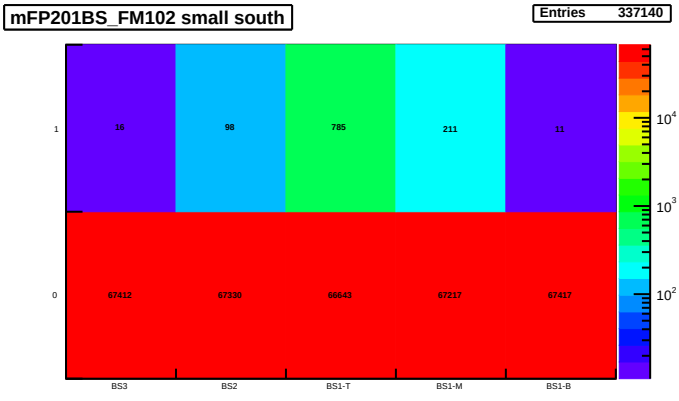

mFM104Jsim -- South -- Bottom -- FM012
Entries 1
Unused

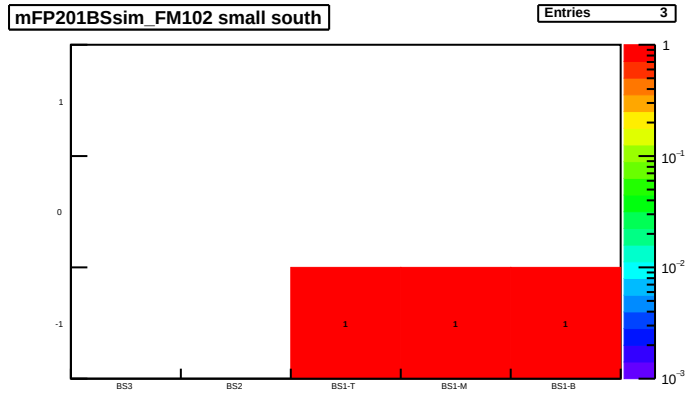

mFM104JP -- South -- Bottom -- FM012
Entries 134856

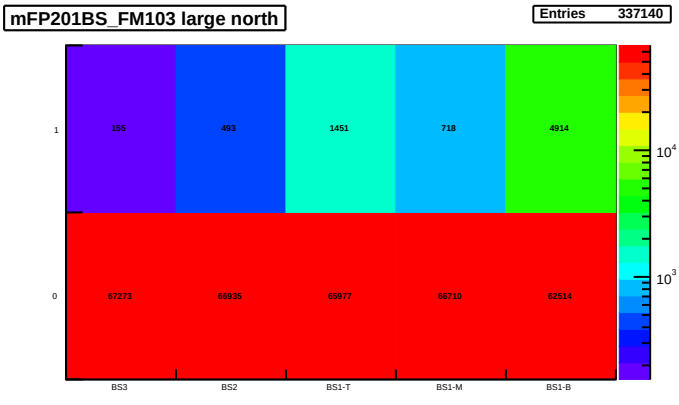
mFM104JPsim -- South -- Bottom -- FM012
Entries 0

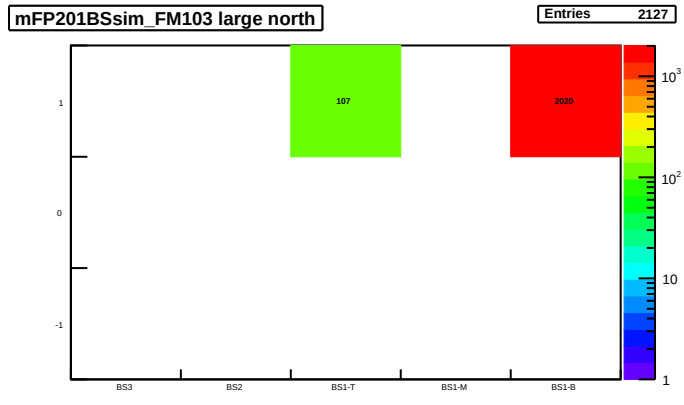

mFP201BS_FM101 small north
Entries 337140
772
2547
8664
1114
251
66656
64881
58764
66314
67177
BS3
BS2
BS1-T
BS1-M
BS1-B

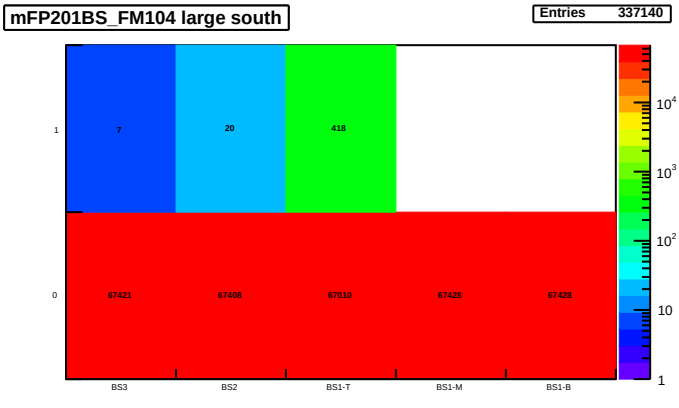

mFP201BSsim_FM101 small north
Entries 3
1
1
1
BS3
BS2
BS1-T
BS1-M
BS1-B

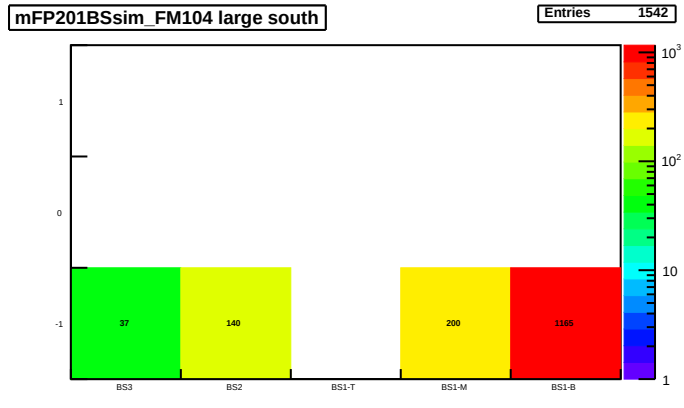

mFP201BS_FM102 small south
Entries 337140
16
98
785
211
11
67412
67330
66643
67217
67417
BS3
BS2
BS1-T
BS1-M
BS1-B

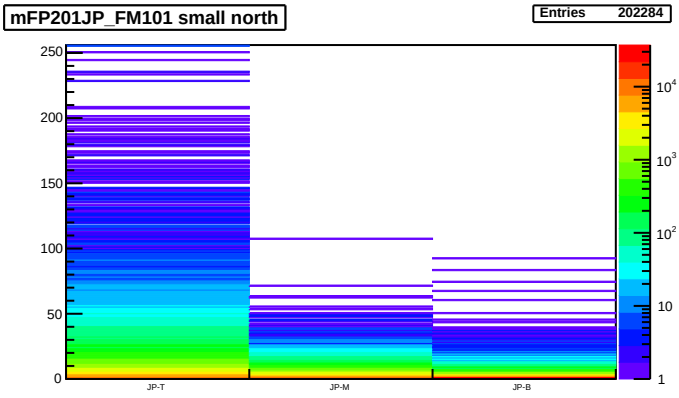

mFP201BSsim_FM102 small south
Entries 3
1
1
1
BS3
BS2
BS1-T
BS1-M
BS1-B

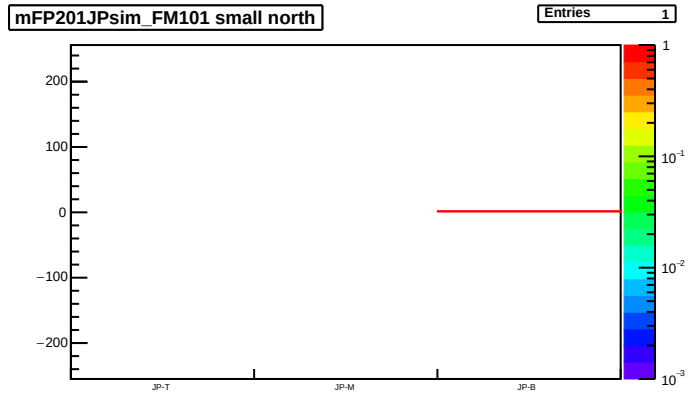

mFP201BS_FM103 large north
Entries 337140
155
493
1451
718
4914
67273
66935
65977
66710
62514
BS3
BS2
BS1-T
BS1-M
BS1-B

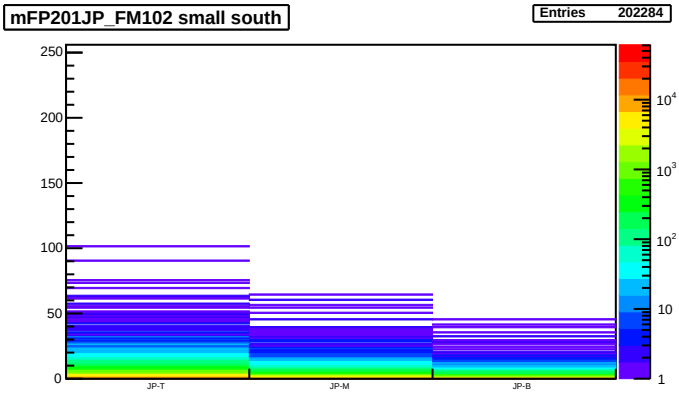

mFP201BSsim_FM103 large north
Entries 2127
107
2020
BS3
BS2
BS1-T
BS1-M
BS1-B

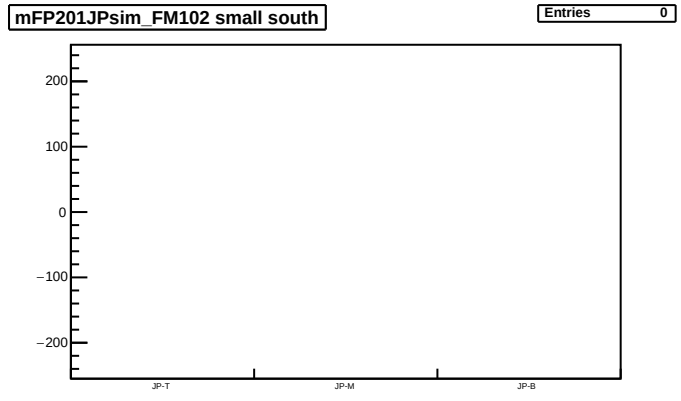

mFP201BS_FM104 large south
Entries 337140
7
20
418
67421
67408
67010
67428
67428
BS3
BS2
BS1-T
BS1-M
BS1-B

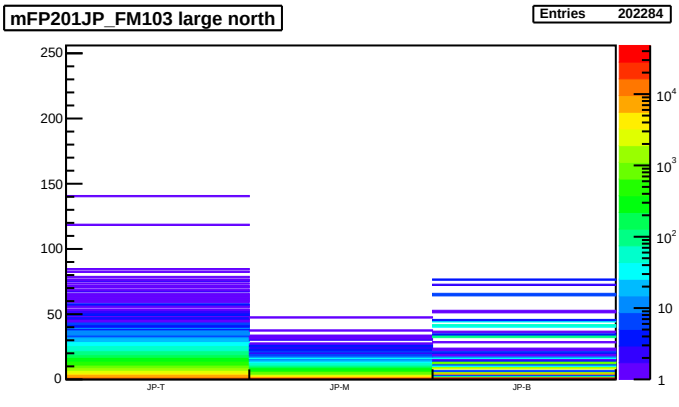

mFP201BSsim_FM104 large south
Entries 1542
37
140
200
1165
BS3
BS2
BS1-T
BS1-M
BS1-B

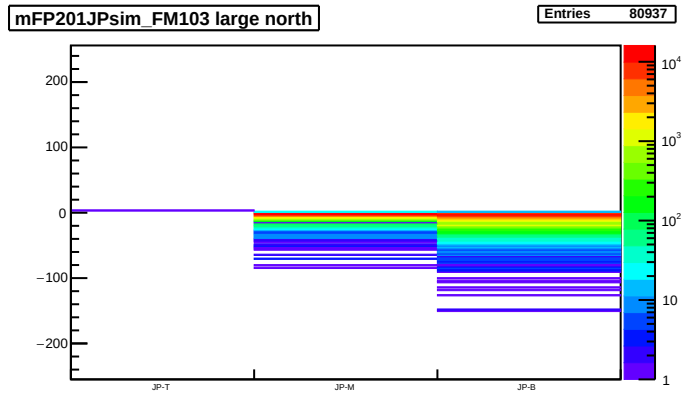

mFP201JP_FM101 small north
Entries 202284
JP-T
JP-M
JP-B

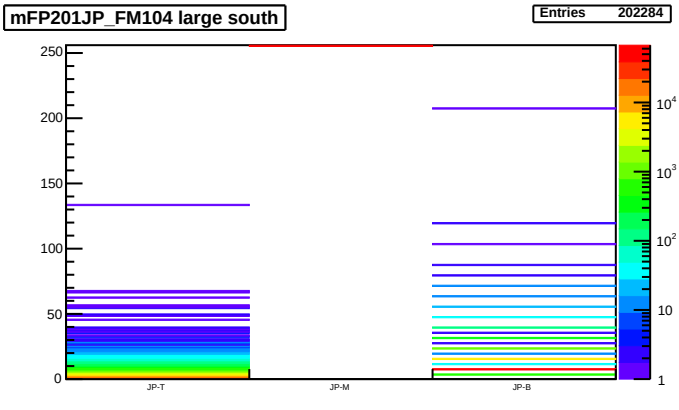

mFP201JPsim_FM101 small north
Entries 1
JP-T
JP-M
JP-B

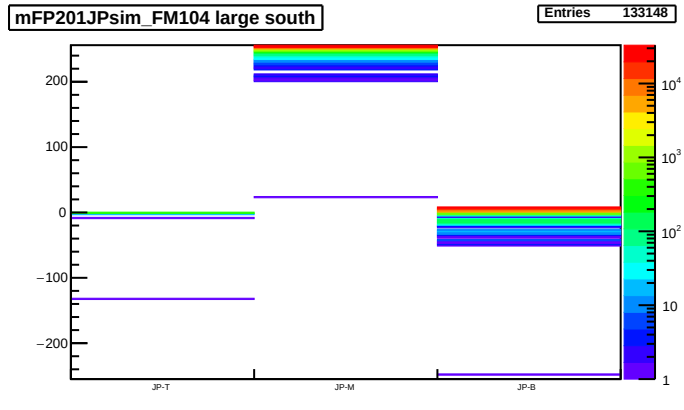

mFP201JP_FM102 small south
Entries 202284
JP-T
JP-M
JP-B

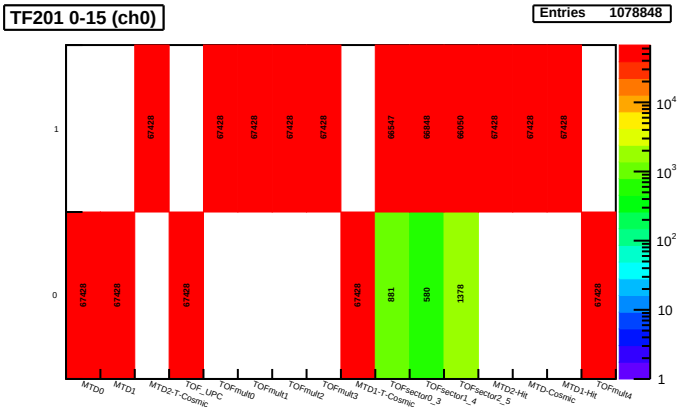

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

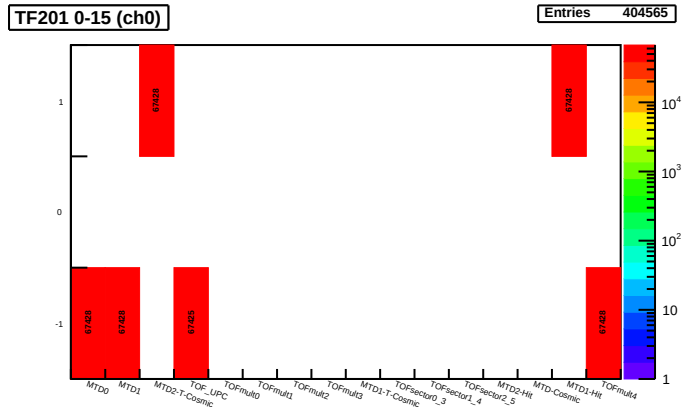

mFP201JP_FM103 large north
Entries 202284
JP-T
JP-M
JP-B

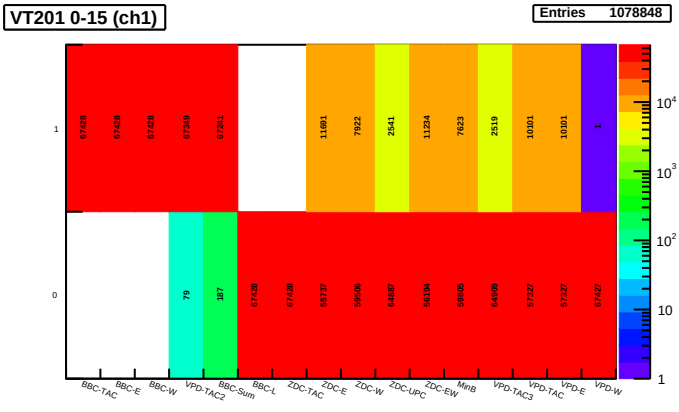

mFP201JPsim_FM103 large north
Entries 80937
JP-T
JP-M
JP-B

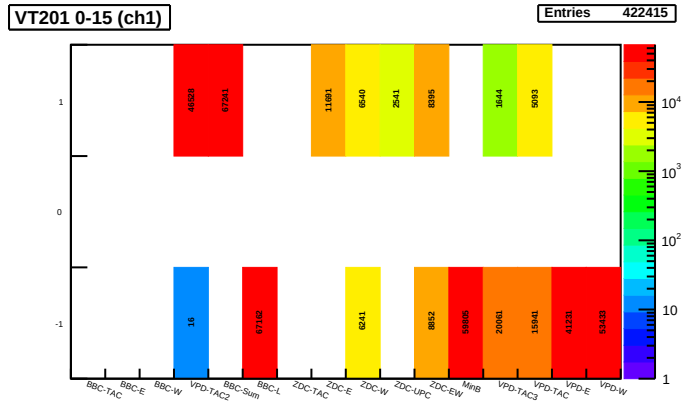

mFP201JP_FM104 large south
Entries 202284
JP-T
JP-M
JP-B

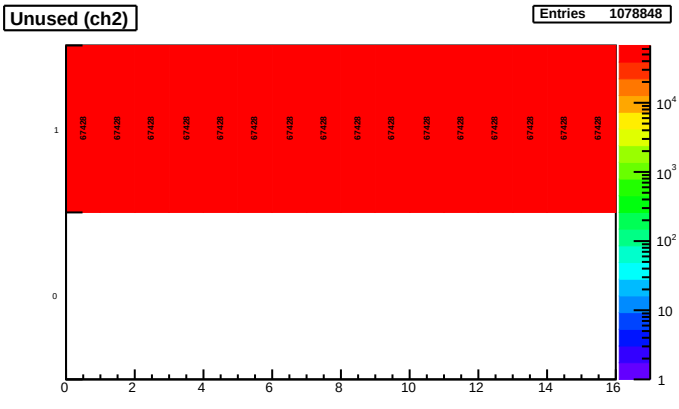

mFP201JPsim_FM104 large south
Entries 133148
JP-T
JP-M
JP-B

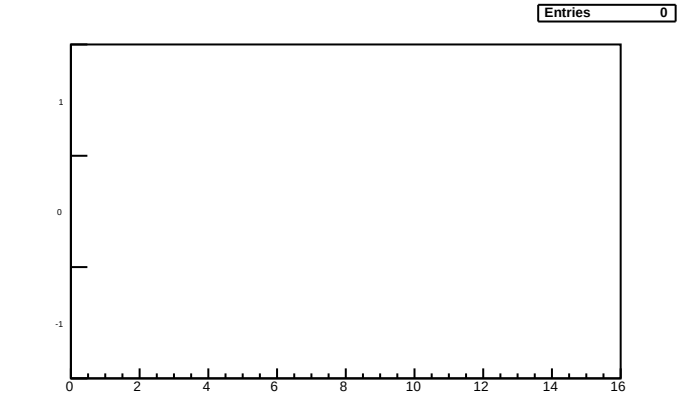

TF201 0-15 (ch0)
Entries 1078848
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

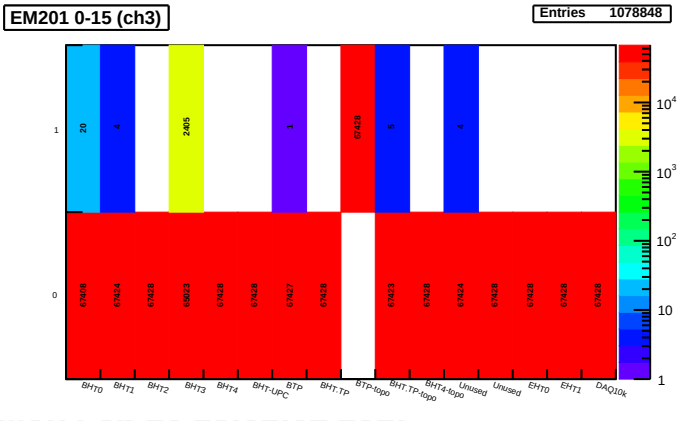

TF201 0-15 (ch0)
Entries 404565
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

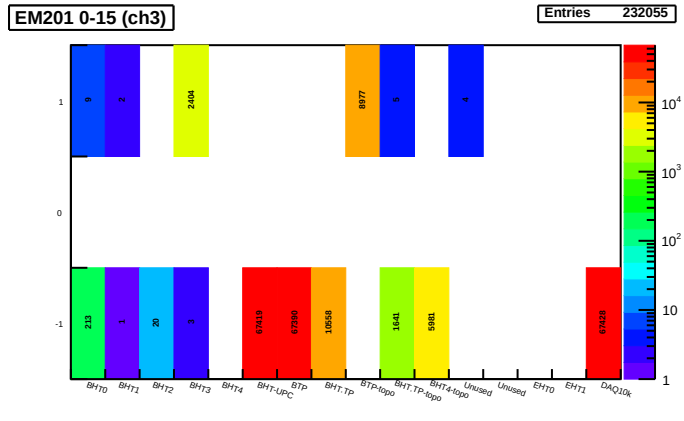

VT201 0-15 (ch1)
Entries 1078848
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

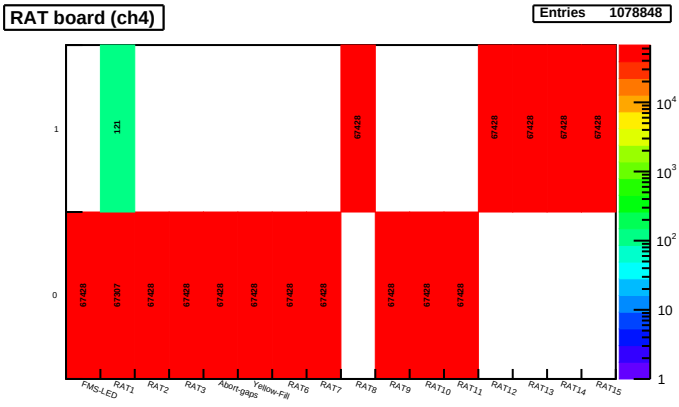

VT201 0-15 (ch1)
Entries 422415
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

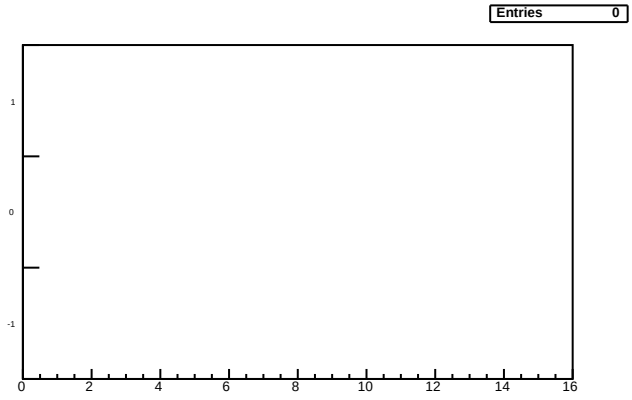

Unused (ch2)
Entries 1078848

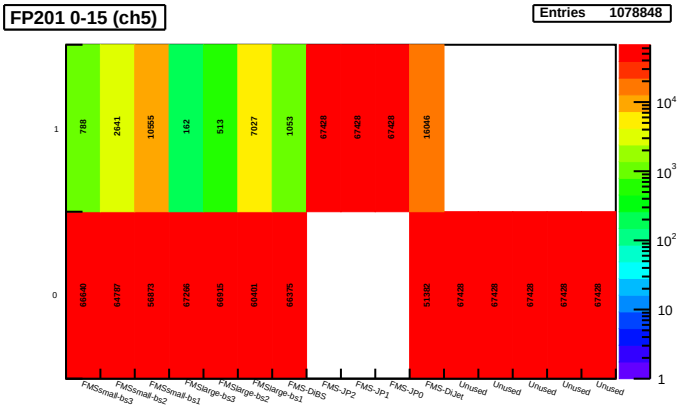

Entries 0

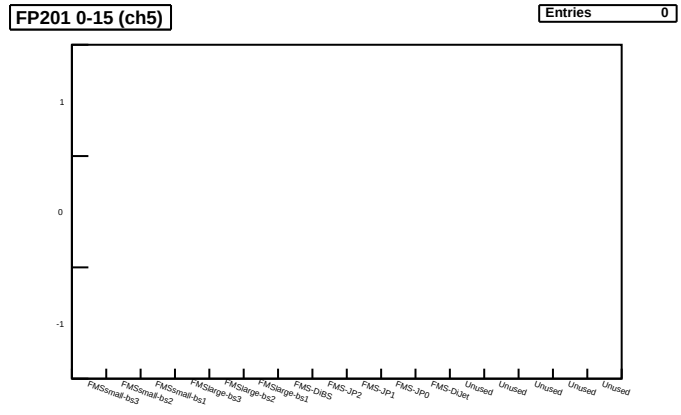

EM201 0-15 (ch3)
Entries 1078848
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

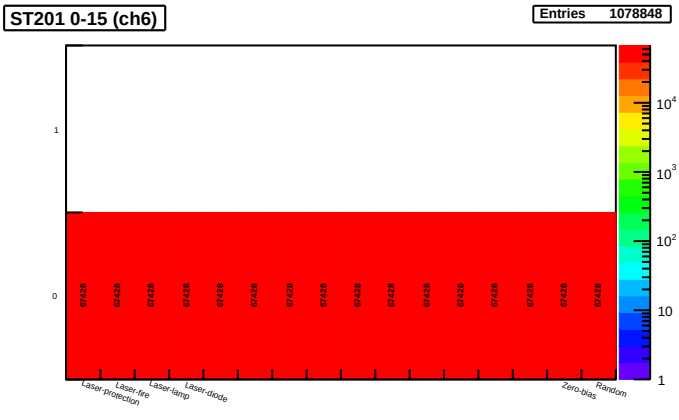

EM201 0-15 (ch3)
Entries 232055
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

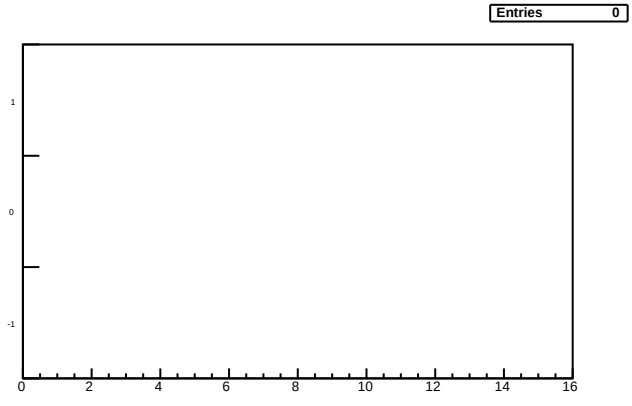

RAT board (ch4)
Entries 1078848
121
67428
67428 67428 67428 67428
67428 67307 67428 67428 67428 67428 67428 67428
67428 67428 67428
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15


Entries 0


FP201 0-15 (ch5)
Entries 1078848
788
2641
10555
162
513
7027
1053
67428
67428
67428
16046
66640
64787
56873
67266
66915
60401
66375
51382
67428
67428
67428
67428
67428
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


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


ST201 0-15 (ch6)
Entries 1078848
67428
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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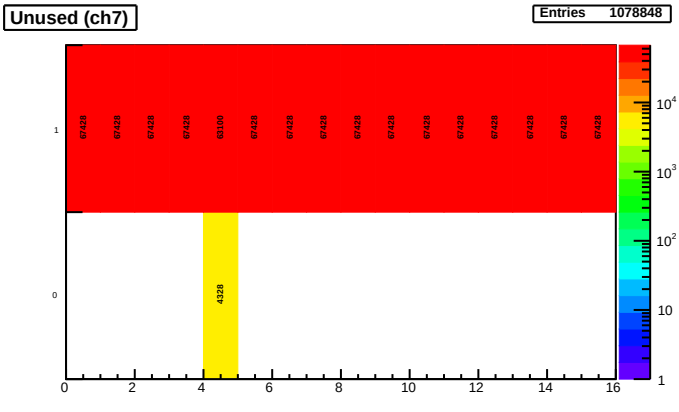
Unused (ch7)
Entries 1078848
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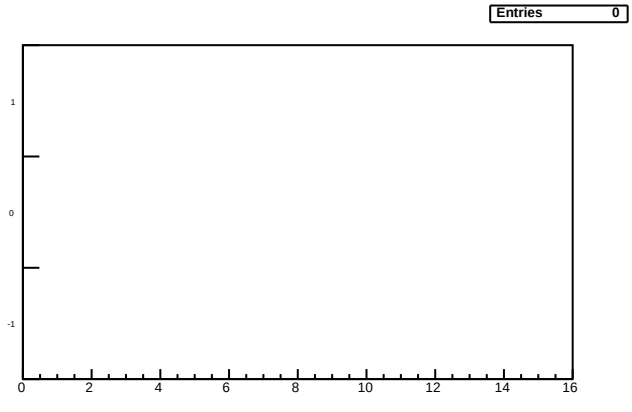
60100
4328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