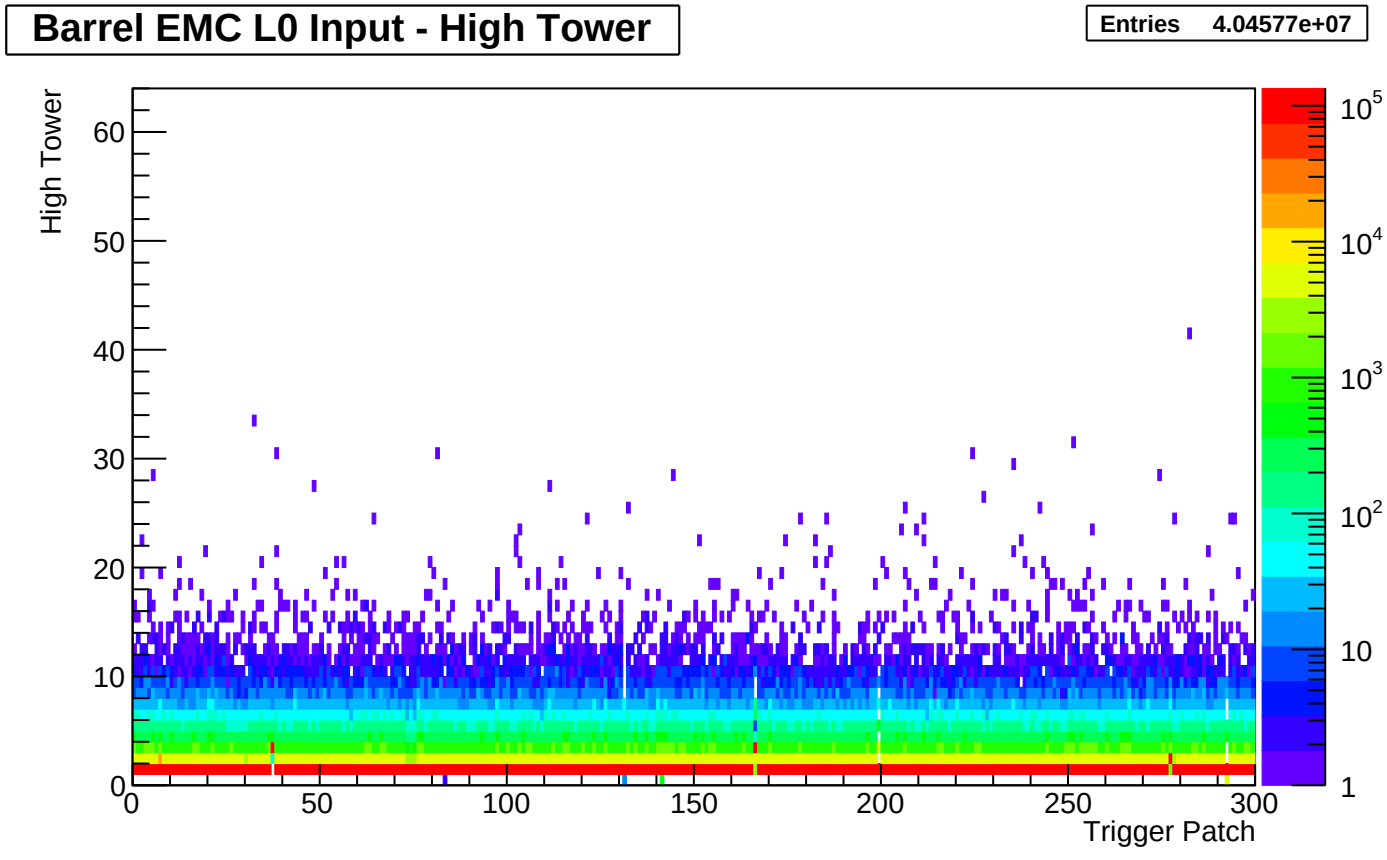
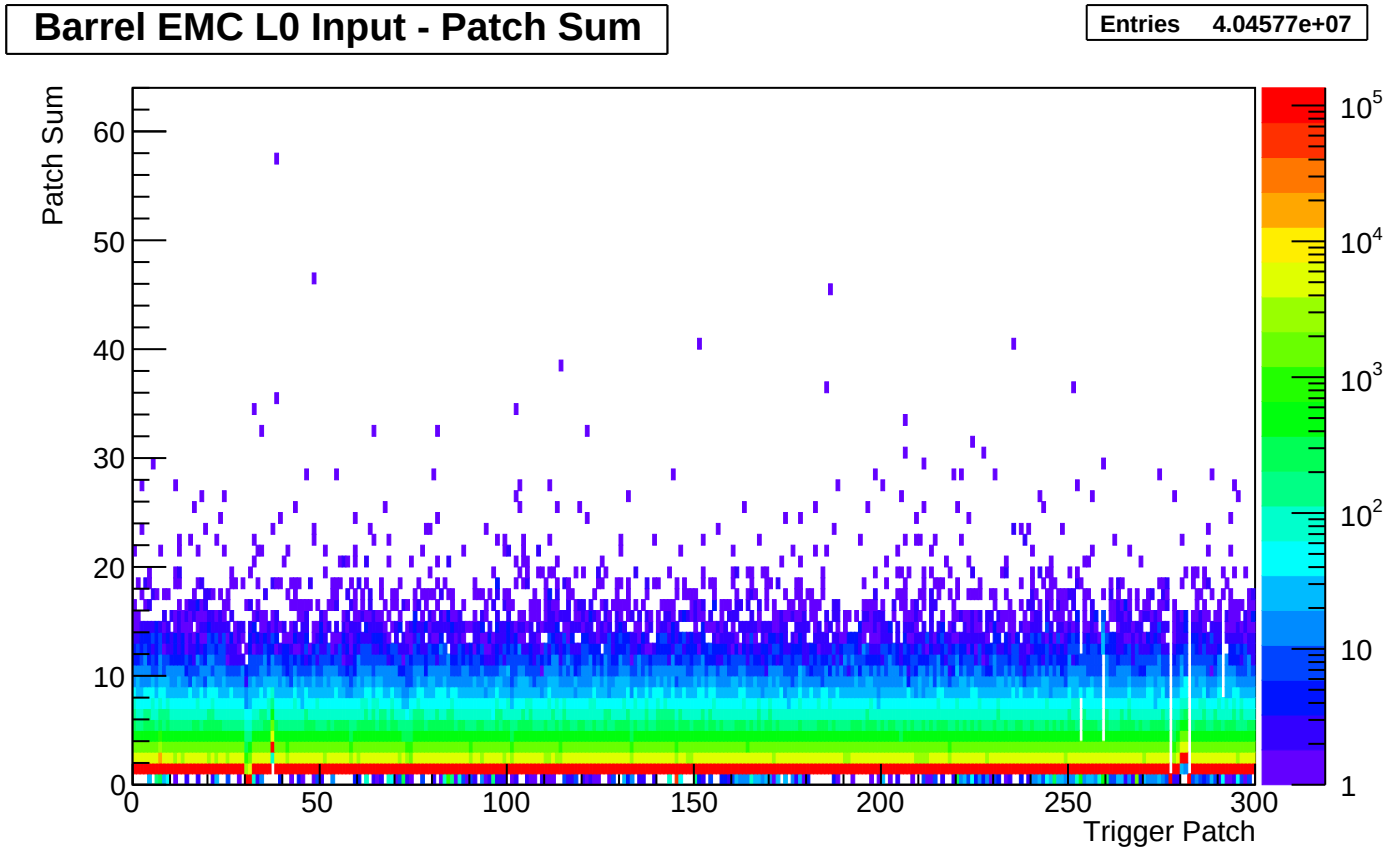
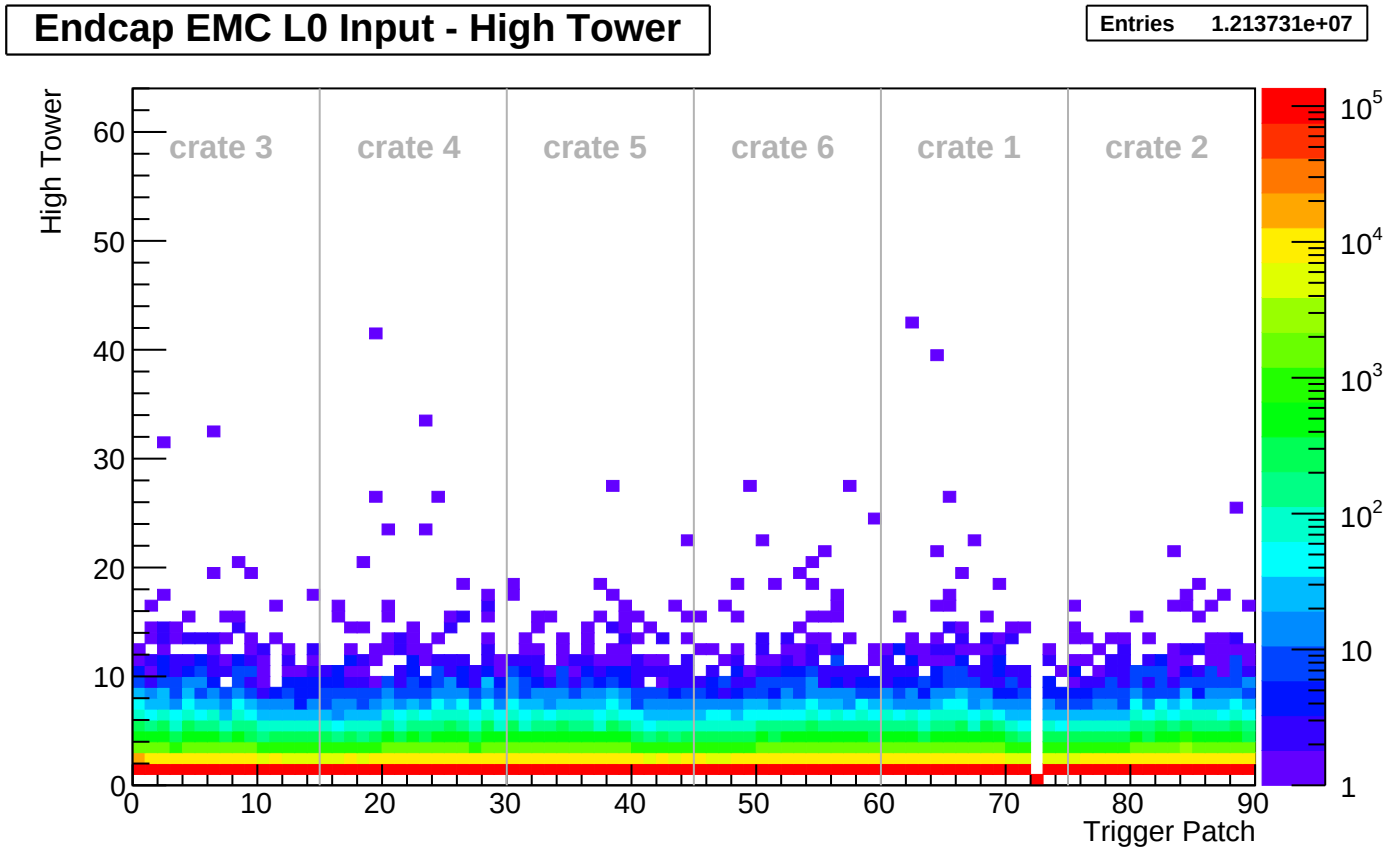
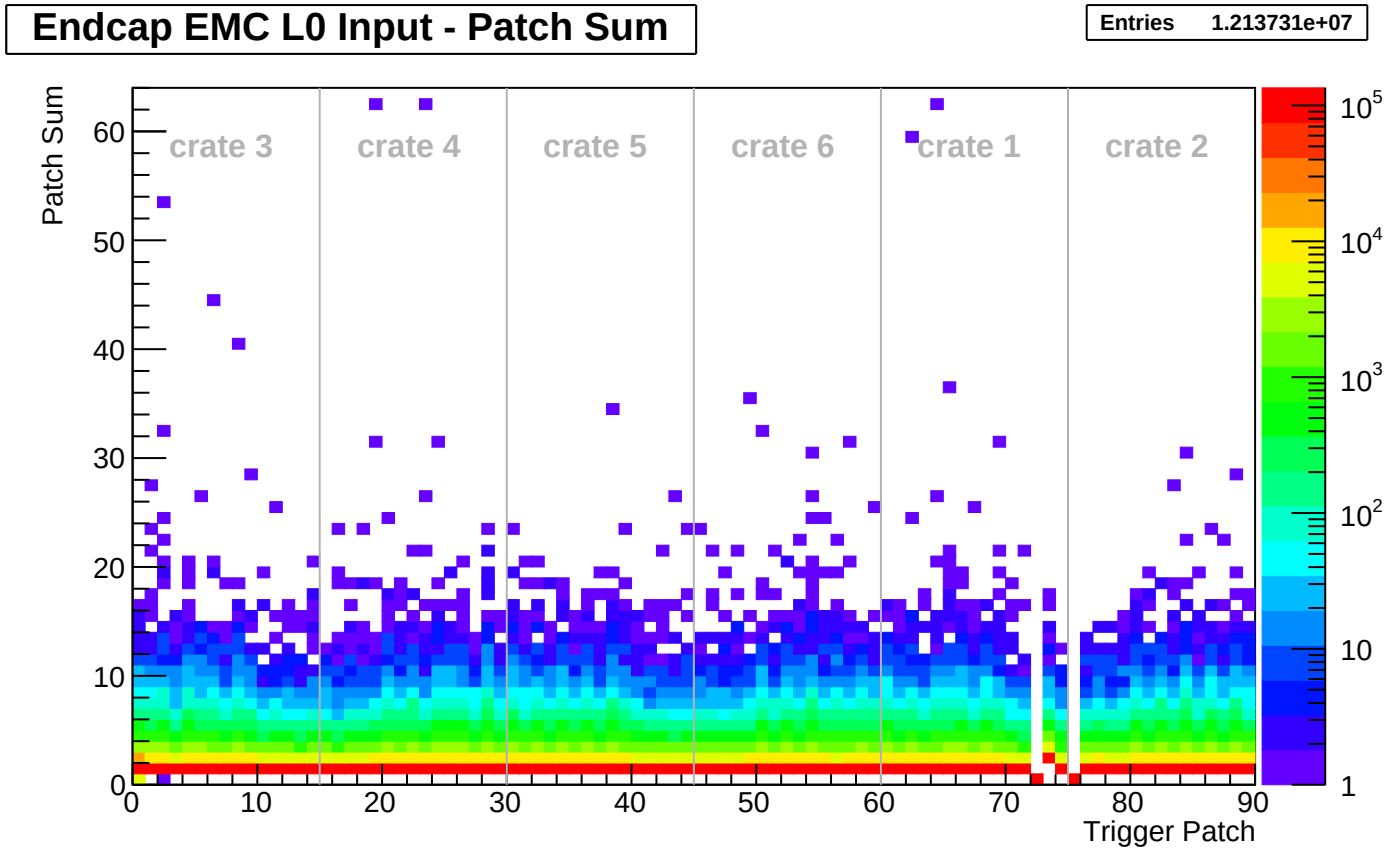
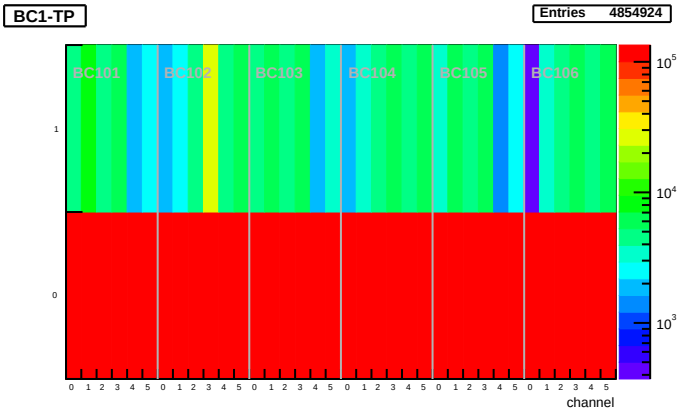
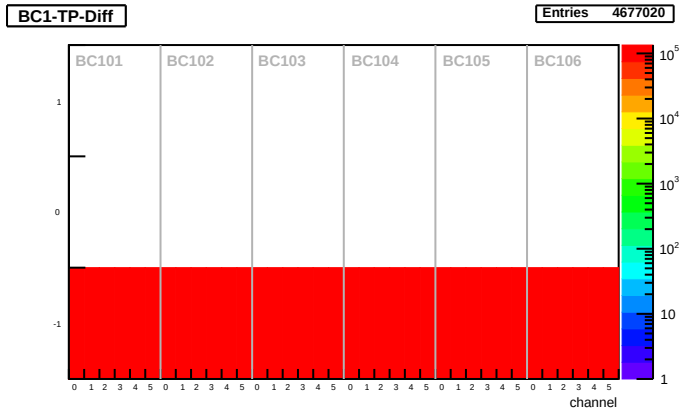

Barrel EMC L0 Input - High Tower
Entries 4.04577e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

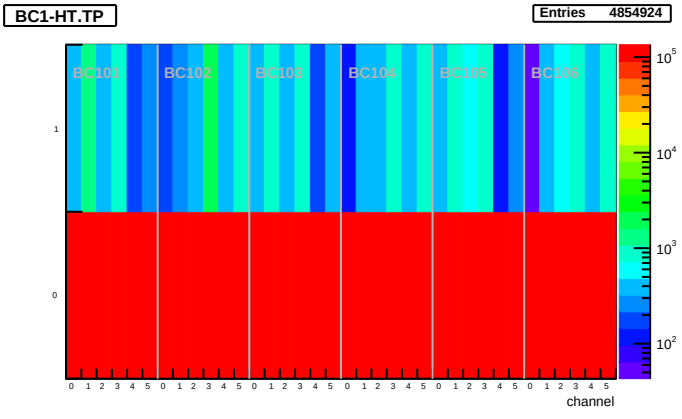

Barrel EMC L0 Input - Patch Sum
Entries 4.04577e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

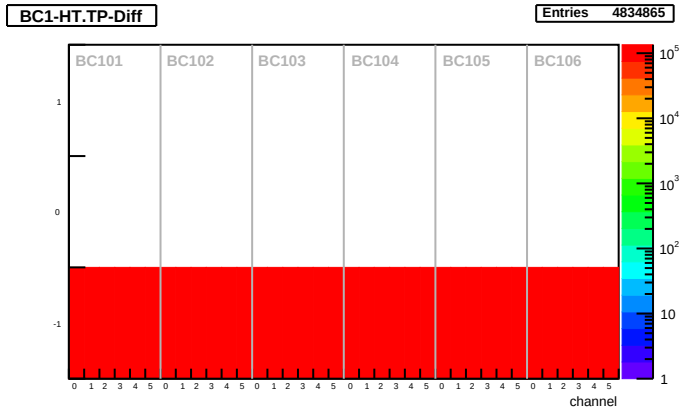

Endcap EMC L0 Input - High Tower
Entries 1.213731e+07
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

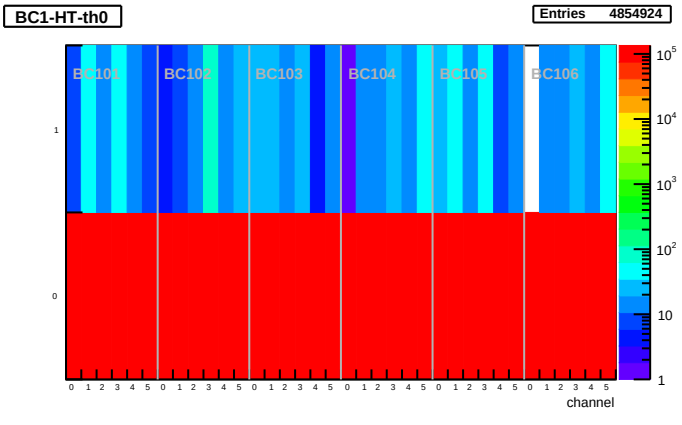

Endcap EMC L0 Input - Patch Sum
Entries 1.213731e+07
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

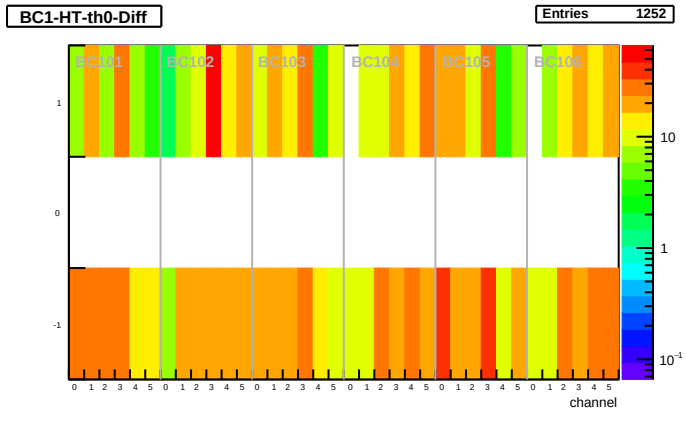

BC1-TP
Entries 4854924
BC101
BC102
BC103
BC104
BC105
BC106
channel

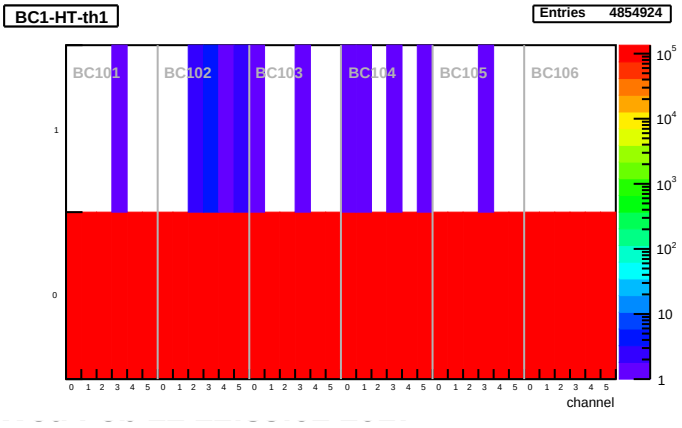

BC1-TP-Diff
Entries 4677020
BC101
BC102
BC103
BC104
BC105
BC106
channel

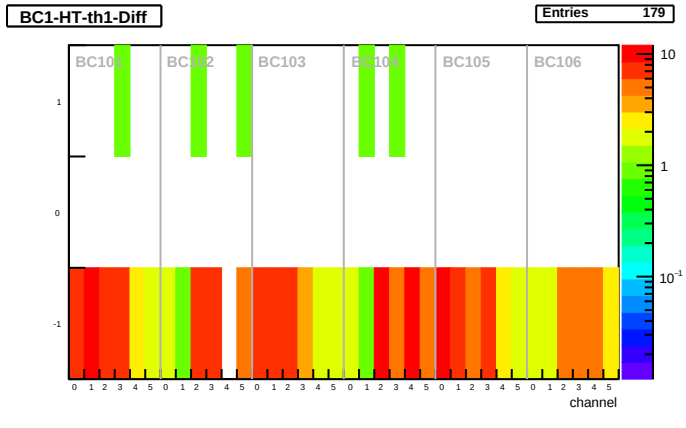

BC1-HT.TP
Entries 4854924
BC101
BC102
BC103
BC104
BC105
BC106
channel

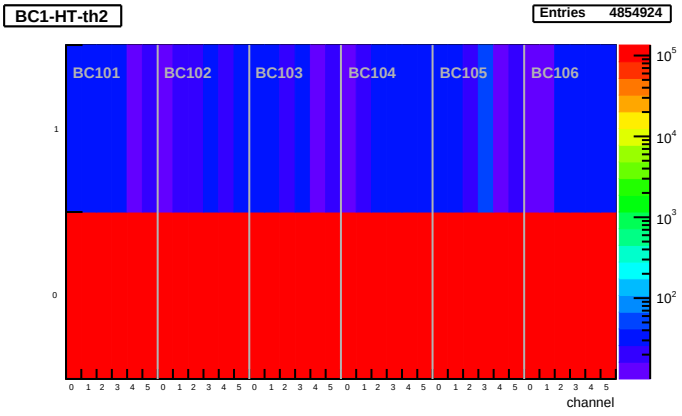

BC1-HT.TP-Diff
Entries 4834865
BC101
BC102
BC103
BC104
BC105
BC106
channel

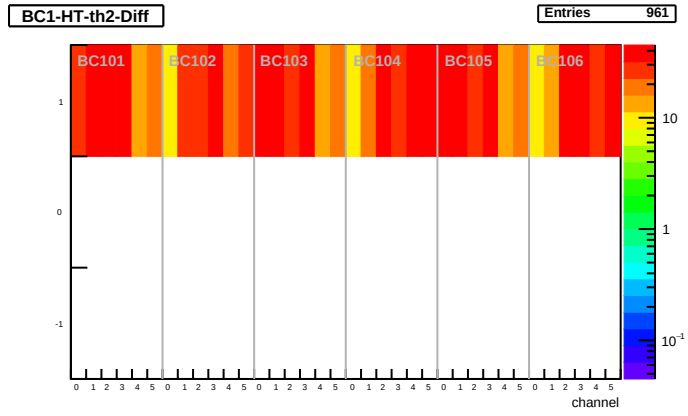

BC1-HT-th0
Entries 4854924
BC101
BC102
BC103
BC104
BC105
BC106
channel

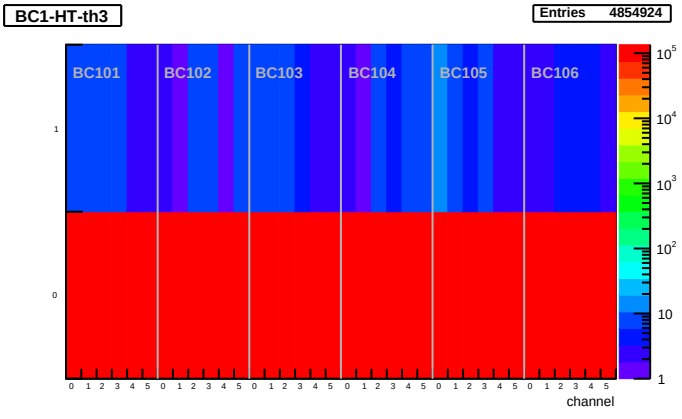

BC1-HT-th0-Diff
Entries 1252
BC101
BC102
BC103
BC104
BC105
BC106
channel

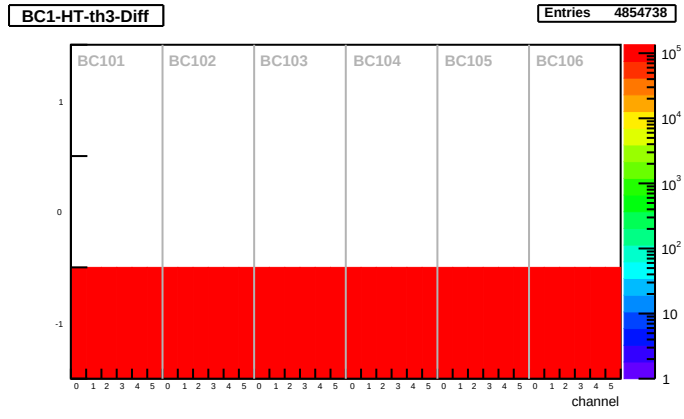

BC1-HT-th1
Entries 4854924
BC101
BC102
BC103
BC104
BC105
BC106
channel

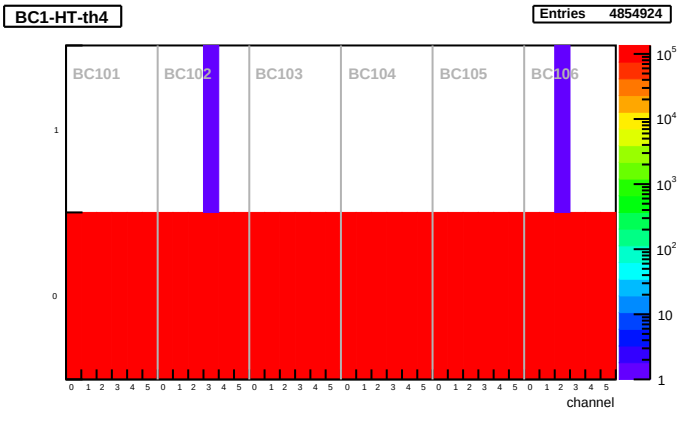

BC1-HT-th1-Diff
Entries 179
BC101
BC102
BC103
BC104
BC105
BC106
channel

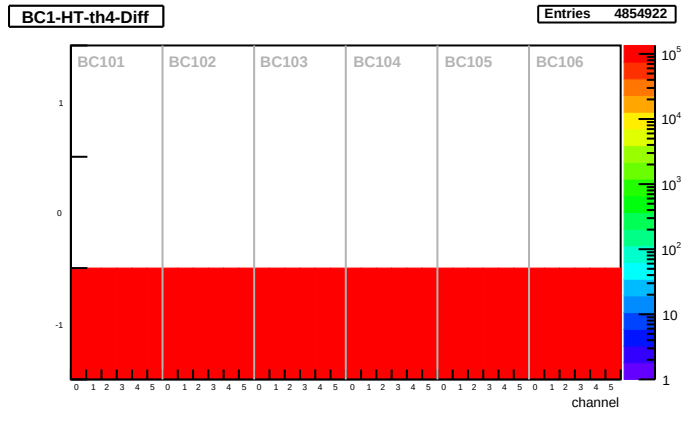

BC1-HT-th2
Entries 4854924
BC101
BC102
BC103
BC104
BC105
BC106
channel

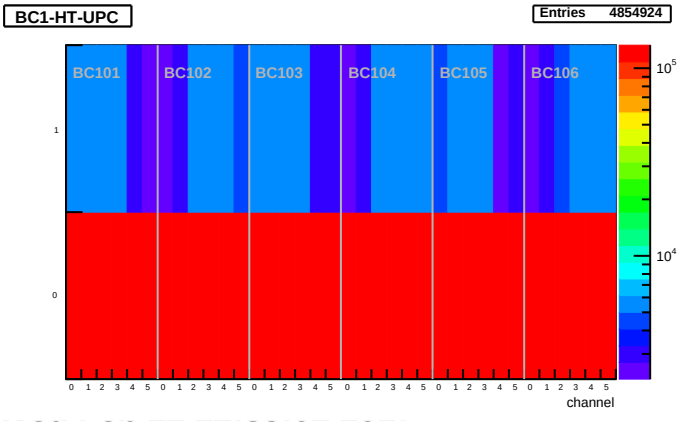

BC1-HT-th2-Diff
Entries 961
BC101
BC102
BC103
BC104
BC105
BC106
channel

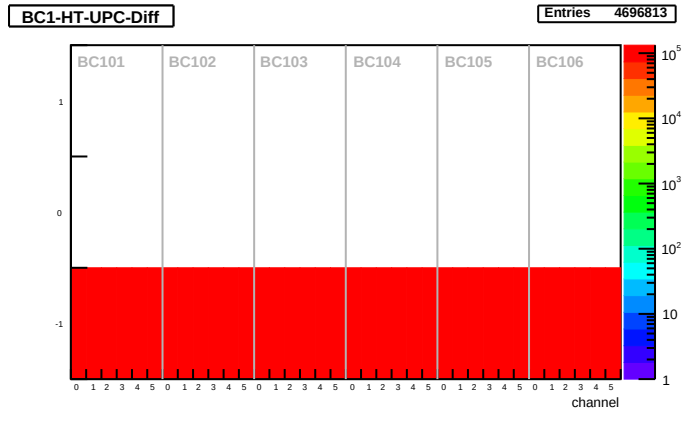

BC1-HT-th3
Entries 4854924
BC101
BC102
BC103
BC104
BC105
BC106
channel

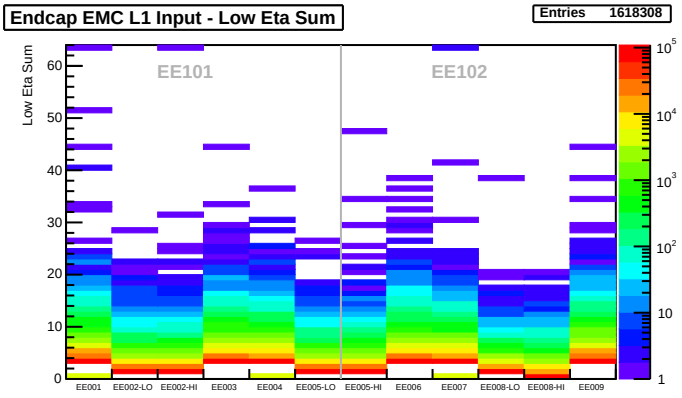

BC1-HT-th3-Diff
Entries 4854738
BC101
BC102
BC103
BC104
BC105
BC106
channel

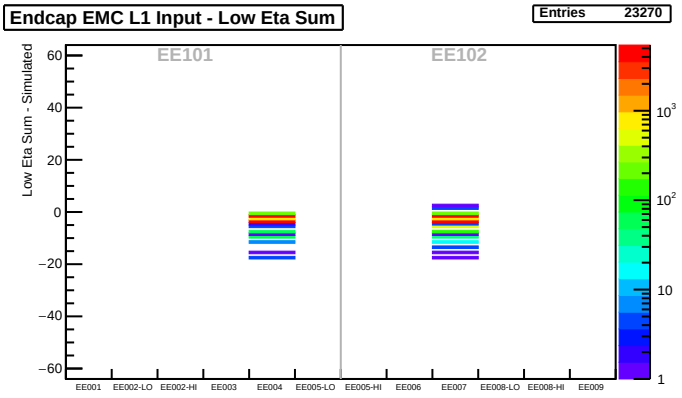

BC1-HT-th4
Entries 4854924
BC101
BC102
BC103
BC104
BC105
BC106
channel

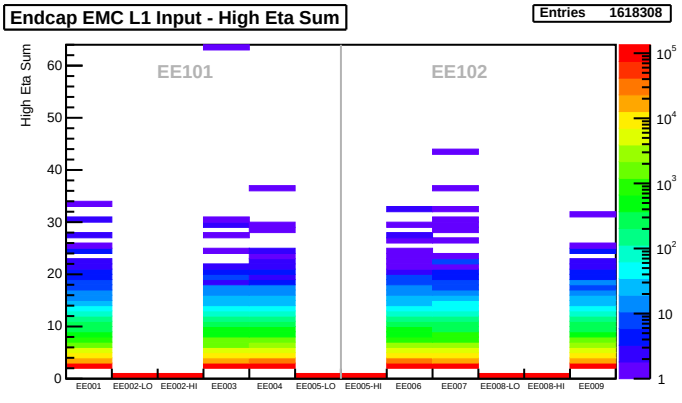

BC1-HT-th4-Diff
Entries 4854922
BC101
BC102
BC103
BC104
BC105
BC106
channel

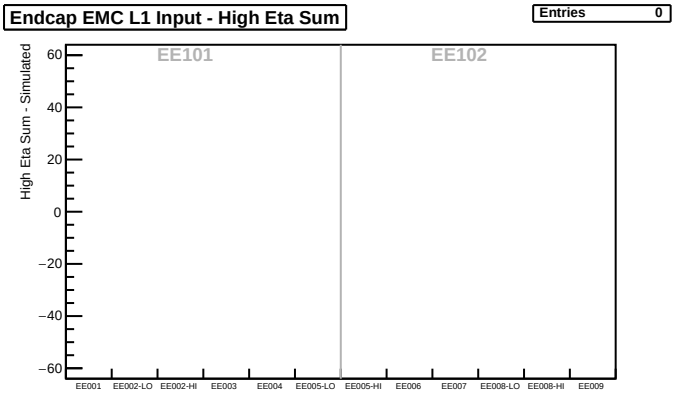

BC1-HT-UPC
Entries 4854924
BC101
BC102
BC103
BC104
BC105
BC106
channel

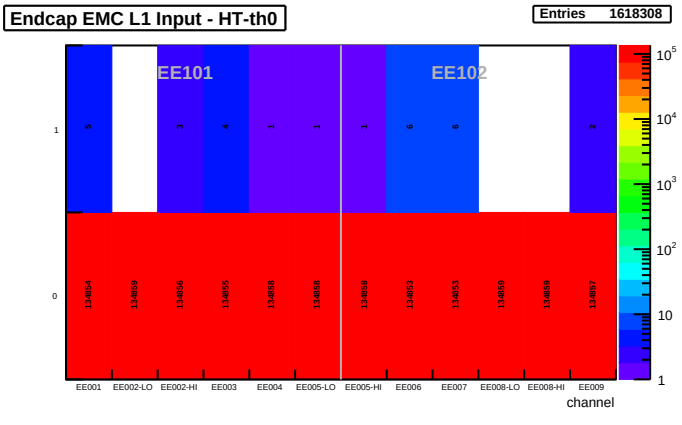

BC1-HT-UPC-Diff
Entries 4696813
BC101
BC102
BC103
BC104
BC105
BC106
channel

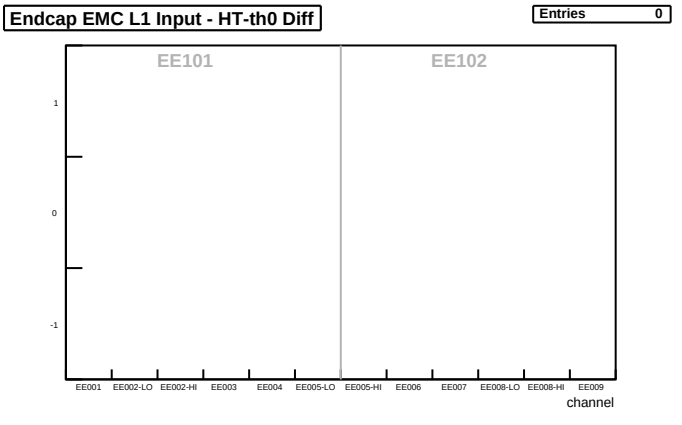

Endcap EMC L1 Input - Low Eta Sum
Entries 1618308
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

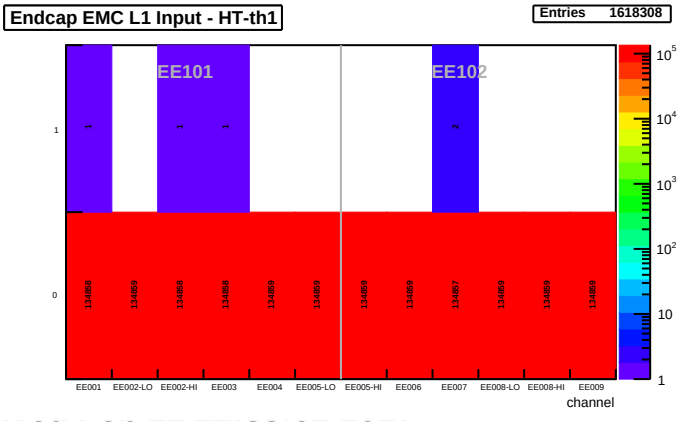

Endcap EMC L1 Input - Low Eta Sum
Entries 23270
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

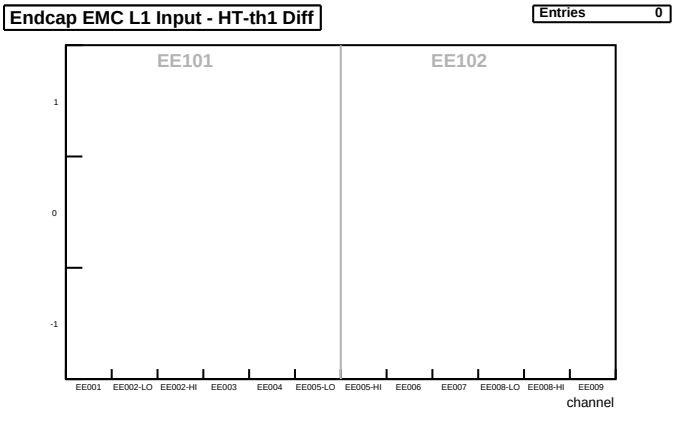

Endcap EMC L1 Input - High Eta Sum
Entries 1618308
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

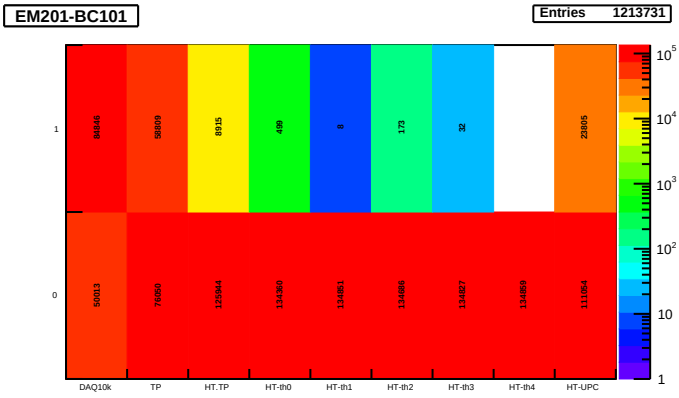

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

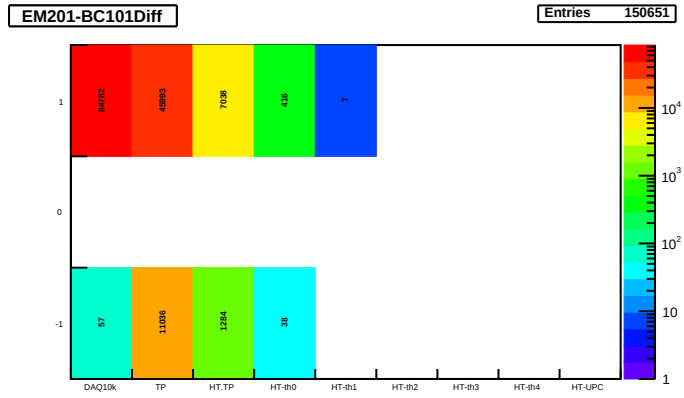

Endcap EMC L1 Input - HT-th0
Entries 1618308
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

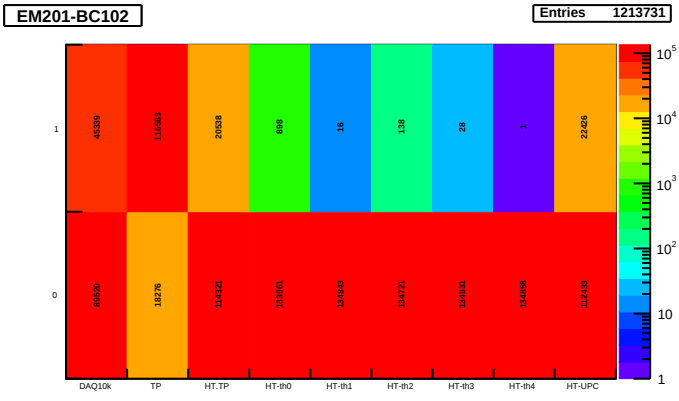

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

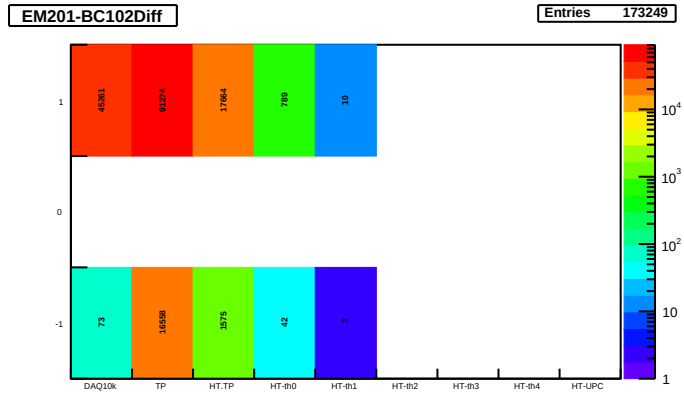

Endcap EMC L1 Input - HT-th1
Entries 1618308
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

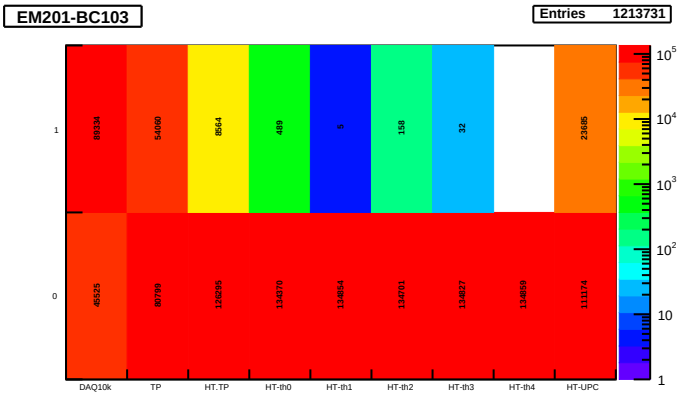

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

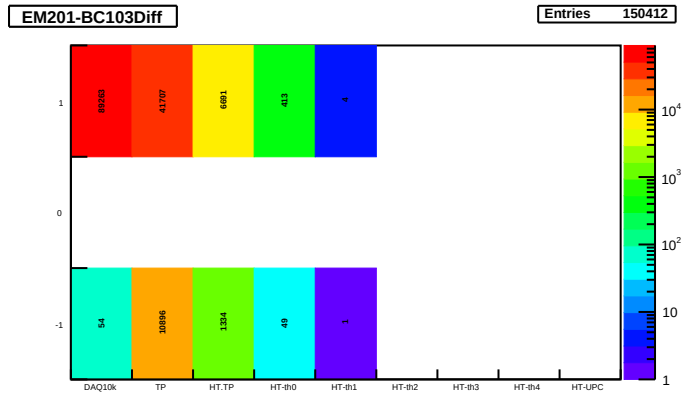

EM201-BC101
Entries 1213731
1
0
84846 58809 8915 499 8 173 32 23805
50013 76650 125944 134360 134461 134486 134427 134459 111054
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^5 10^4 10^3 10^2 10 1

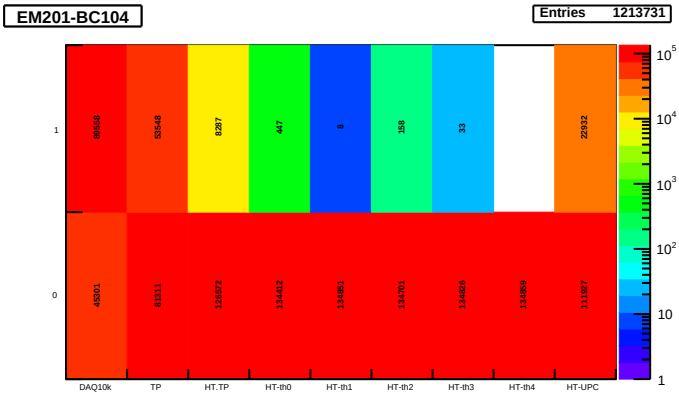

EM201-BC101Diff
Entries 150651
1
0
-1
34722 45993 7039 435 7
57 11036 1284 38
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1

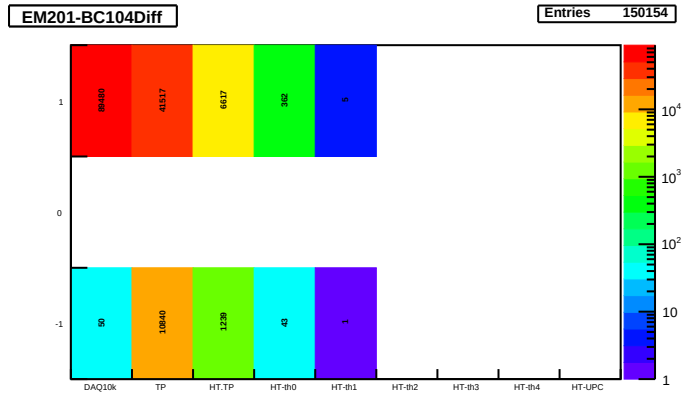

EM201-BC102
Entries 1213731
1
0
45339 116583 20938 898 16 138 28 1 22426
89520 18276 114321 133961 134443 134721 134831 134858 112433
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^5 10^4 10^3 10^2 10 1


EM201-BC102Diff
Entries 173249
1
0
-1
45361 91274 17664 789 10
73 16558 1575 42 3
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1

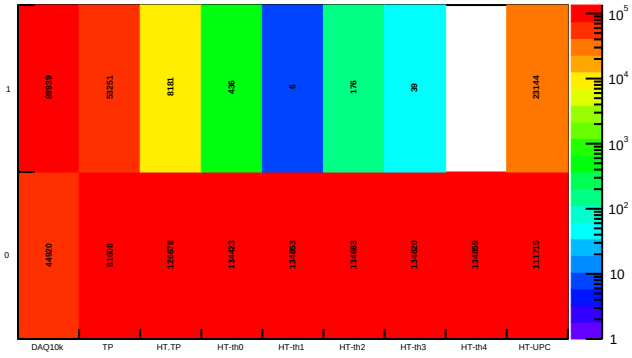

EM201-BC103
Entries 1213731
1
0
89334 54060 8564 489 5 158 32 23685
45525 80799 126295 134370 134854 134701 134827 134859 111174
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^5 10^4 10^3 10^2 10 1


EM201-BC103Diff
Entries 150412
1
0
-1
89253 41707 6681 413 4
54 10896 1324 49 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

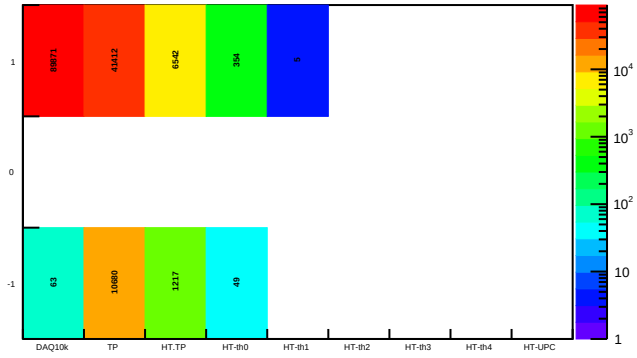

EM201-BC104
Entries 1213731
1
0
89558 53548 8287 447 8 158 33 22932
45301 81311 126572 134412 134851 134701 134826 134859 111827
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^5 10^4 10^3 10^2 10 1


EM201-BC104Diff
Entries 150154
1
0
-1
89480 41517 6617 362 5
50 10840 1239 43 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

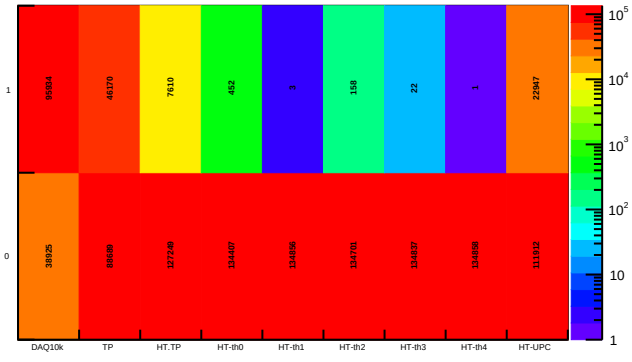
EM201-BC105 Entries 1213731



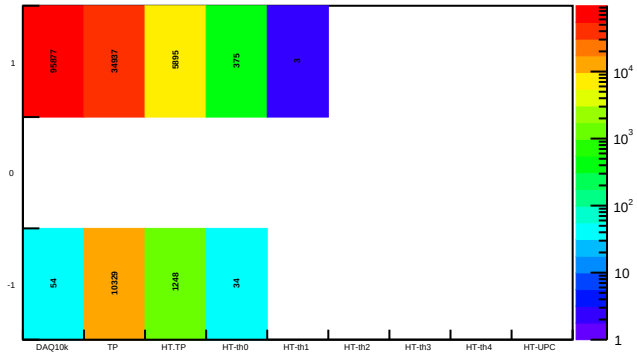
EM201-BC105Diff Entries 150193



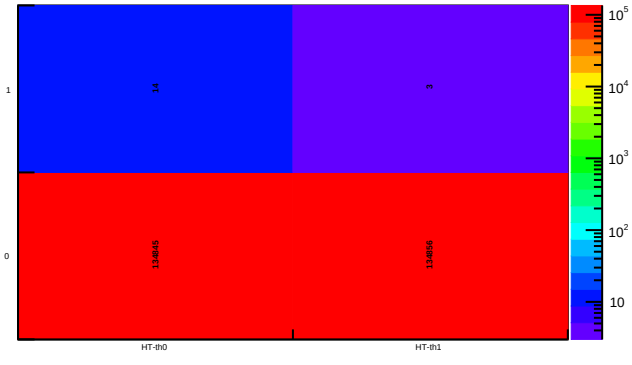
EM201-BC106 Entries 1213731



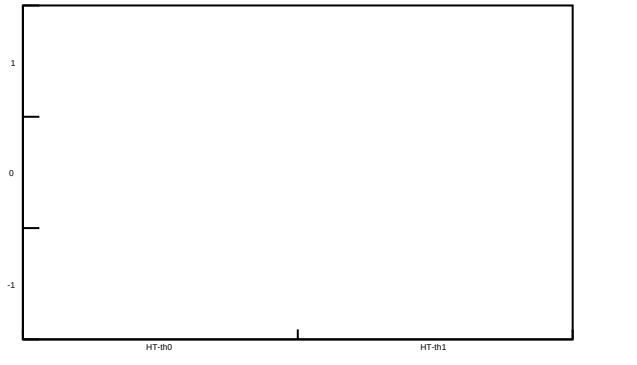
EM201-BC106Diff Entries 148752



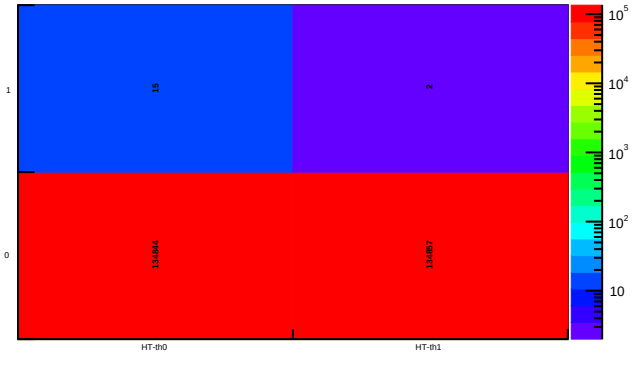
EM201-EE101 Entries 269718



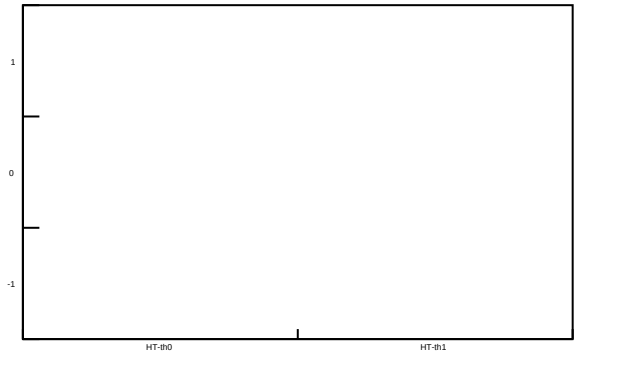
EM201-EE101Diff Entries 0

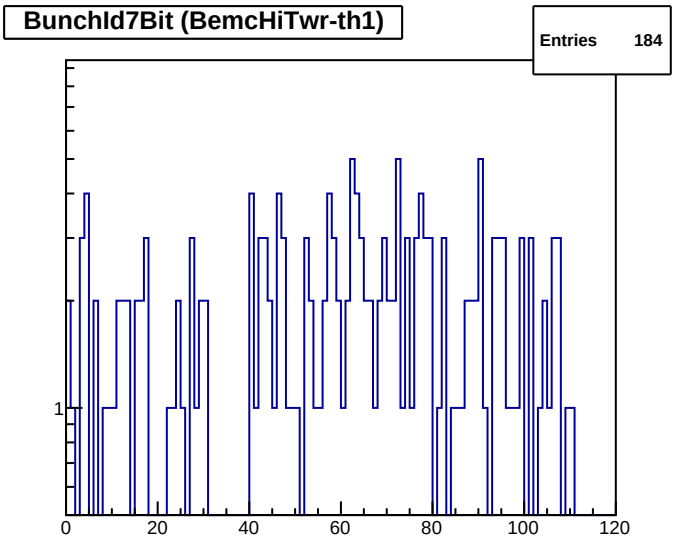


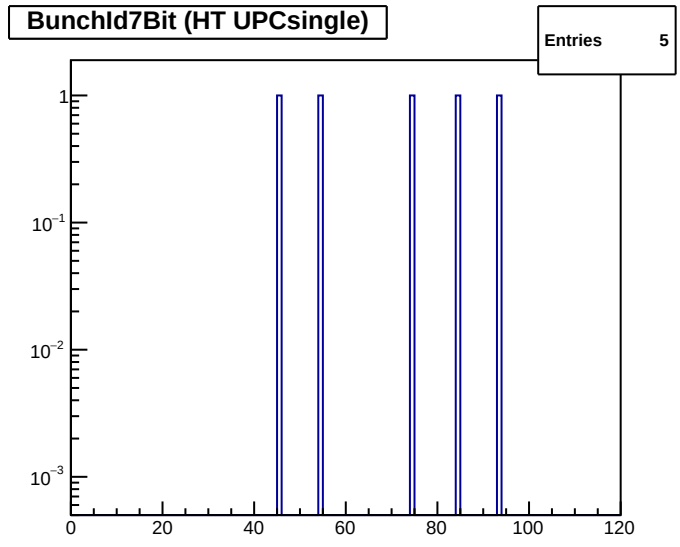
EM201-EE102 Entries 269718

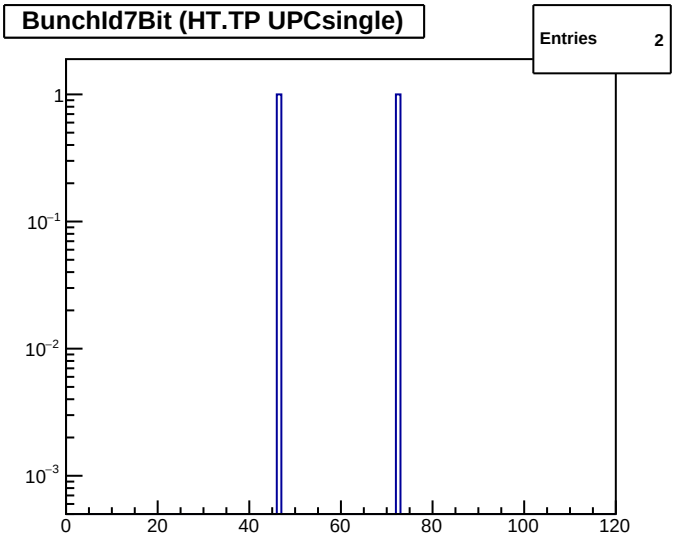


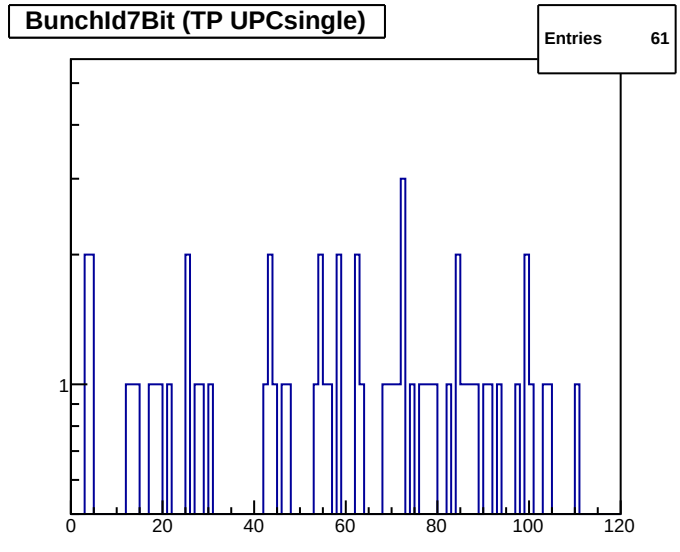
EM201-EE102Diff Entries 0

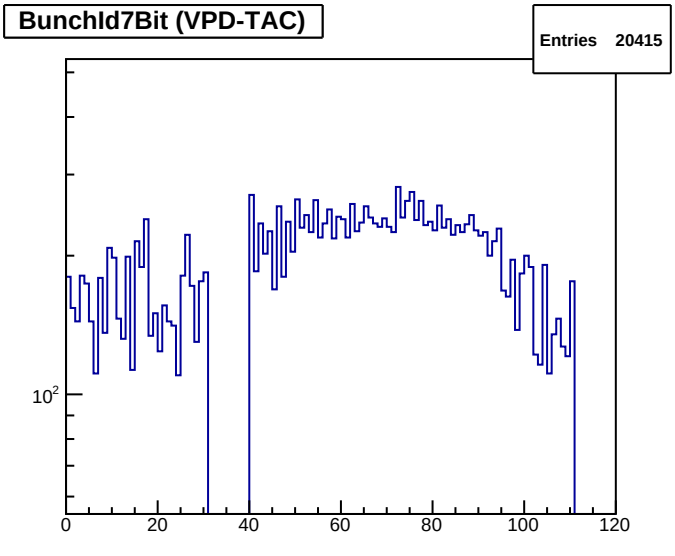


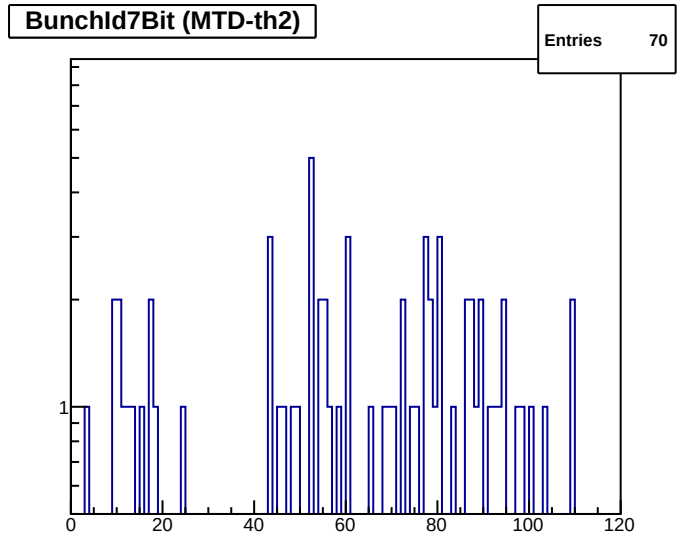

BunchId7Bit (BemcHiTwr-th1)
Entries 184
1
0 20 40 60 80 100 120

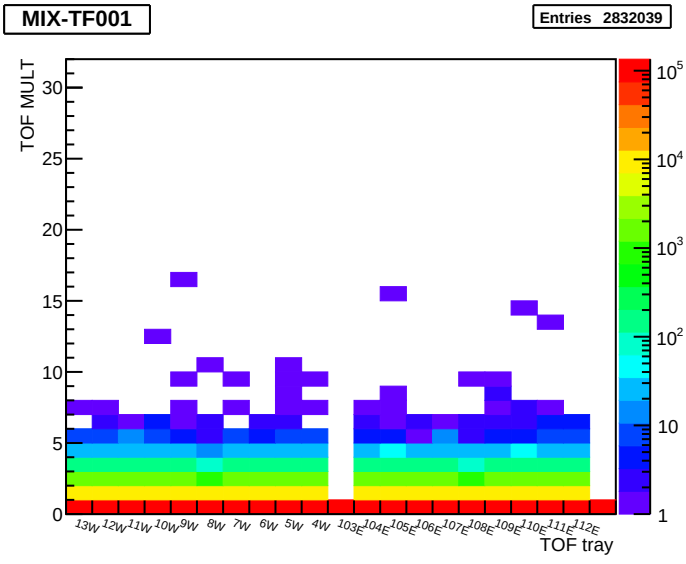

BunchId7Bit (HT UPCsingle)
Entries 5
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

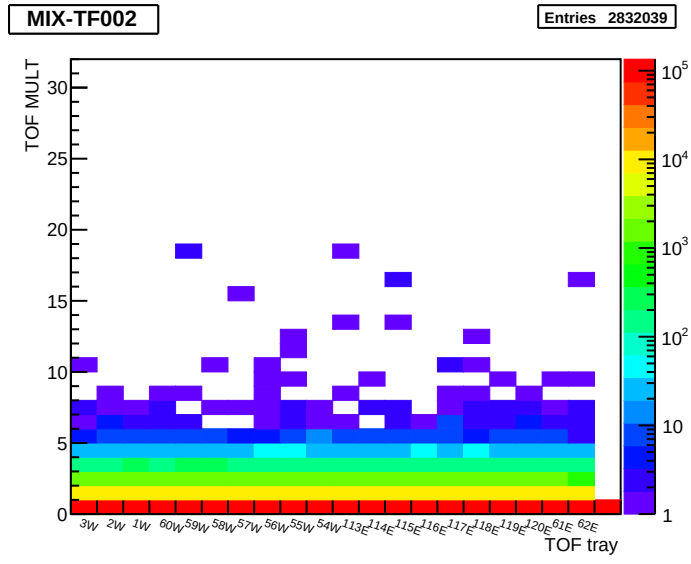

BunchId7Bit (HT.TP UPCsingle)
Entries 2
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

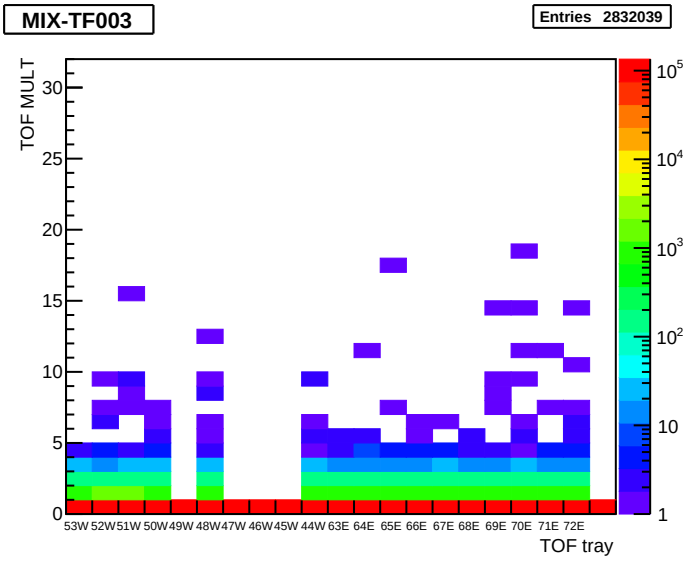

BunchId7Bit (TP UPCsingle)
Entries 61
1
0 20 40 60 80 100 120

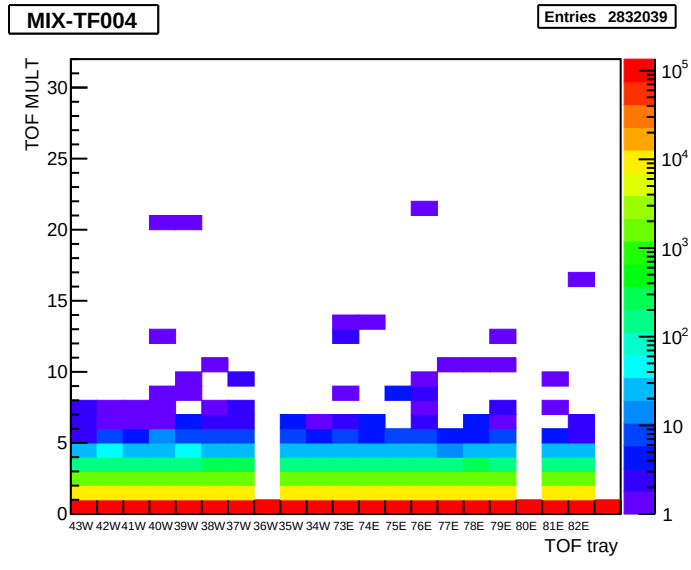

BunchId7Bit (VPD-TAC)
Entries 20415
10^{2}
0 20 40 60 80 100 120

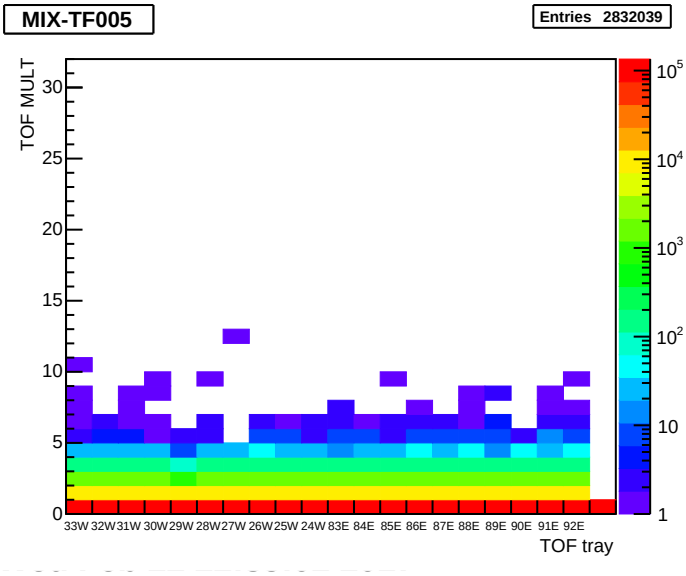

BunchId7Bit (MTD-th2)
Entries 70
1
0 20 40 60 80 100 120

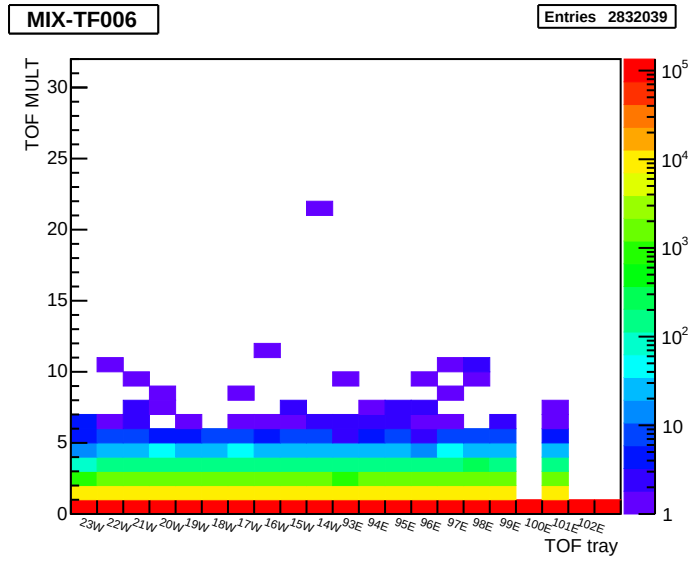

MIX-TF001
Entries 2832039
TOF MULT
TOF tray

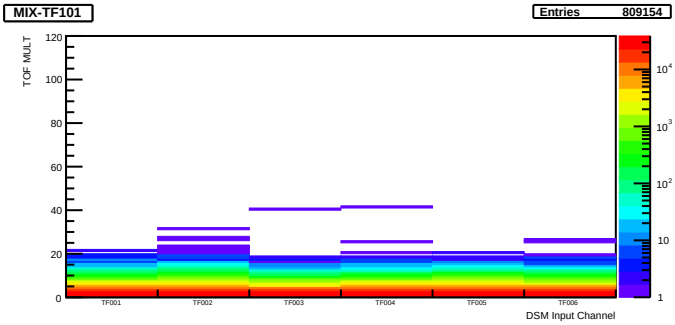

MIX-TF002
Entries 2832039
TOF MULT
TOF tray

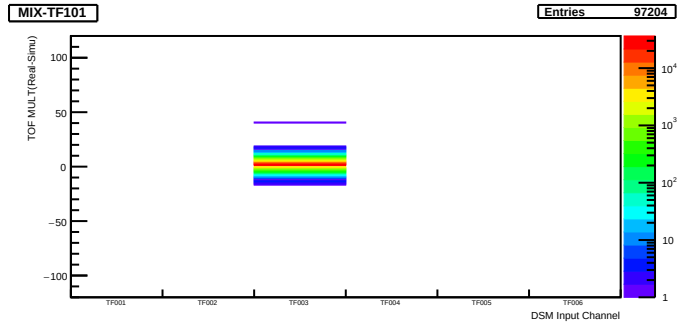

MIX-TF003
Entries 2832039
TOF MULT
TOF tray

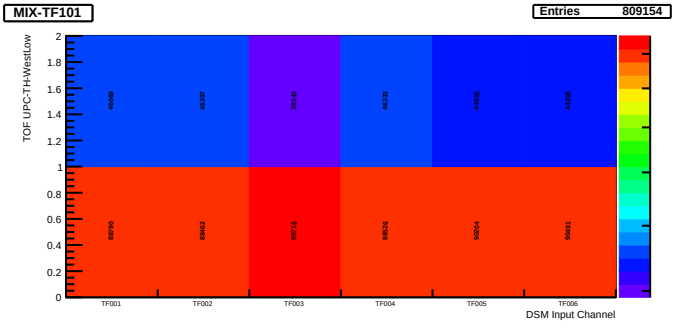

MIX-TF004
Entries 2832039
TOF MULT
TOF tray

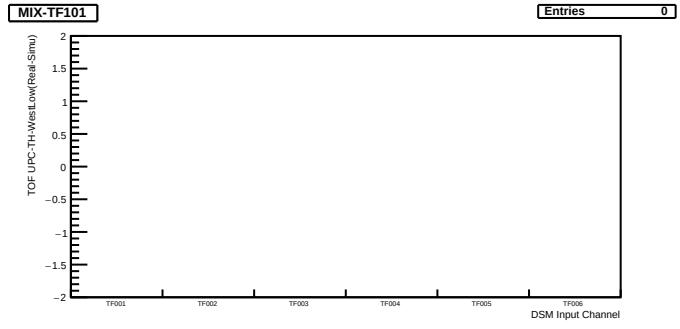

MIX-TF005
Entries 2832039
TOF MULT
TOF tray

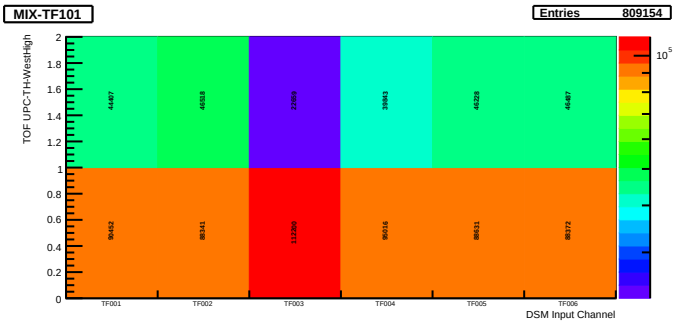

MIX-TF006
Entries 2832039
TOF MULT
TOF tray

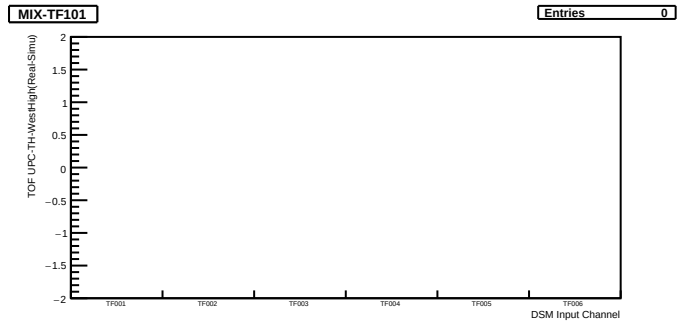

MIX-TF101
Entries 809154
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

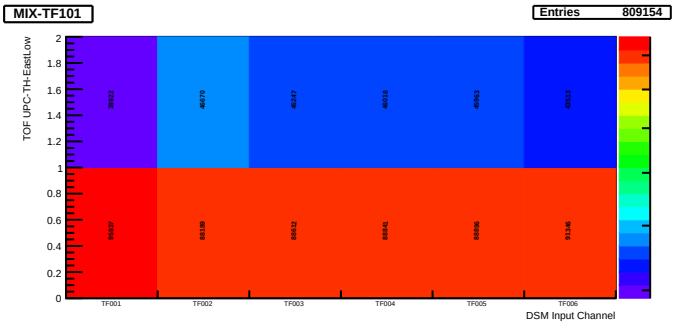

MIX-TF101
Entries 97204
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

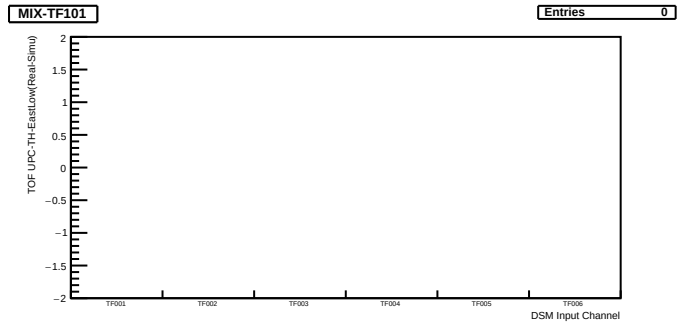

MIX-TF101
Entries 809154
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

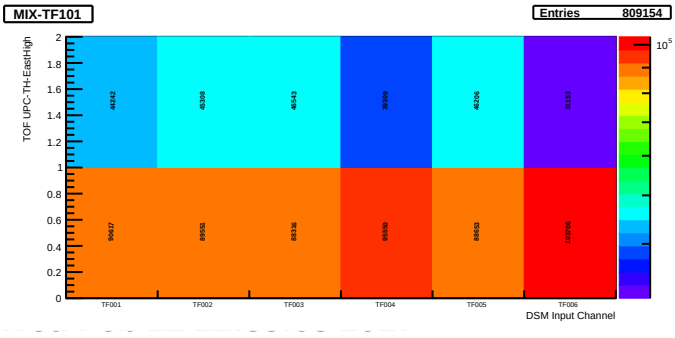

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

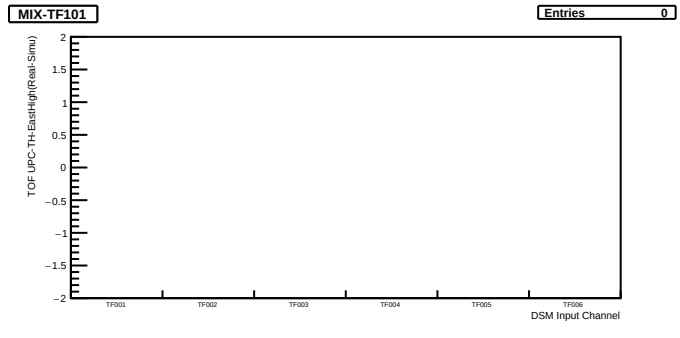

MIX-TF101
Entries 809154
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

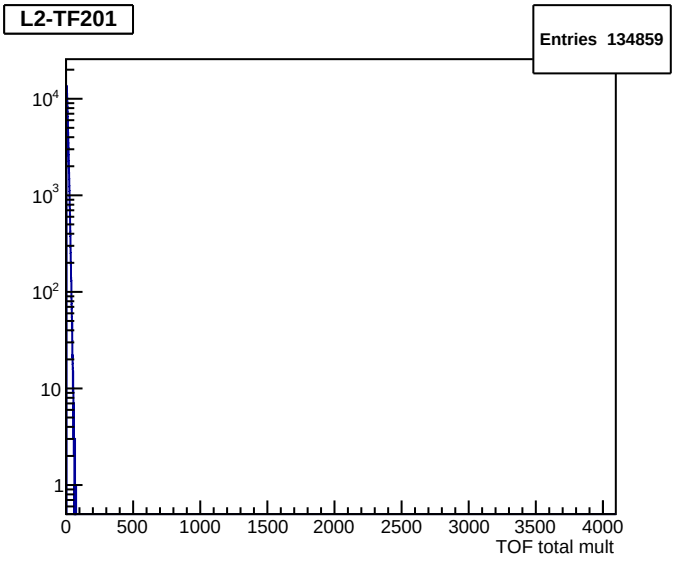

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

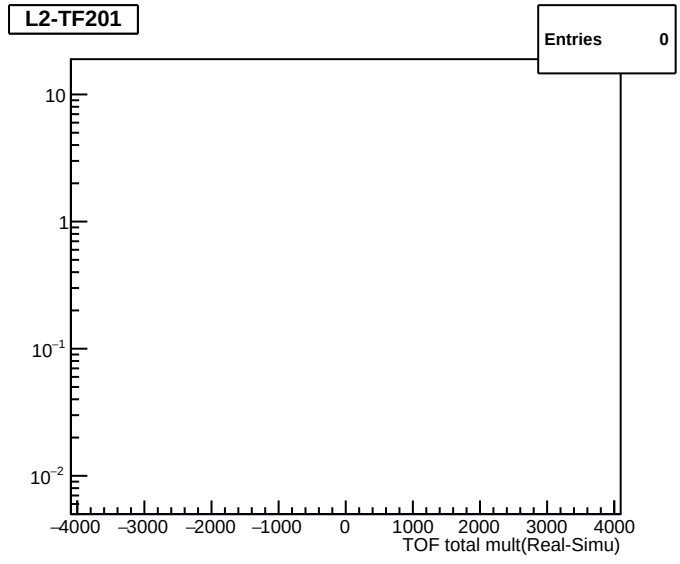

MIX-TF101
Entries 809154
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

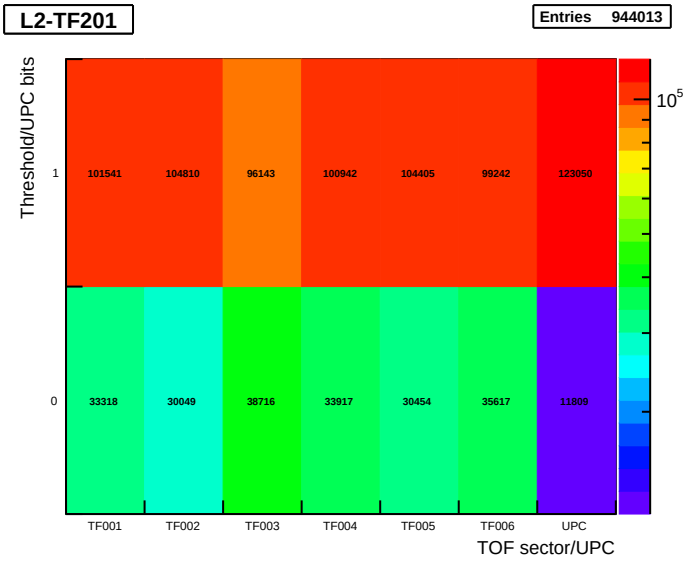

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

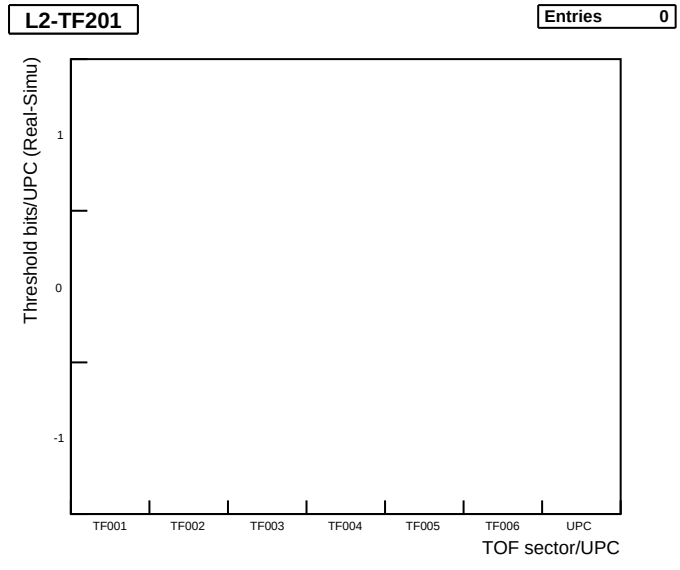

MIX-TF101
Entries 809154
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

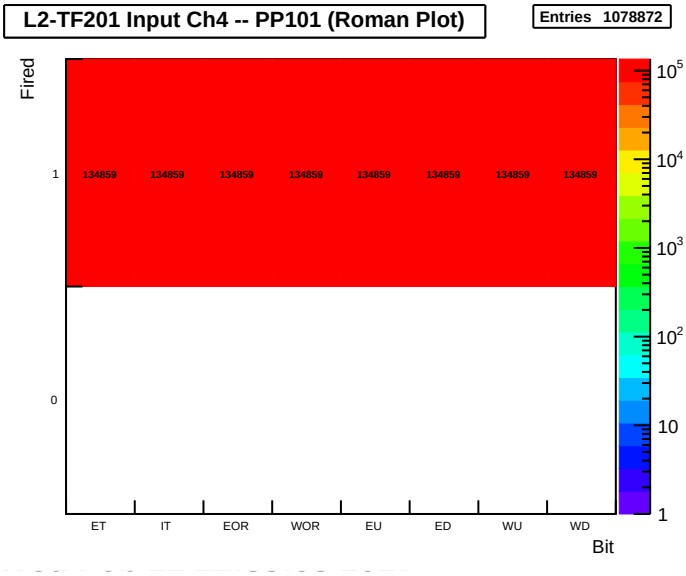

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

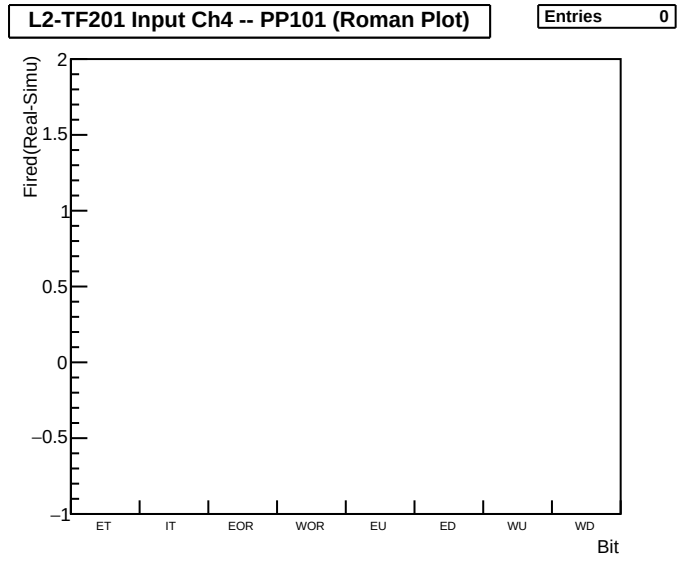

L2-TF201
Entries 134859
TOF total mult

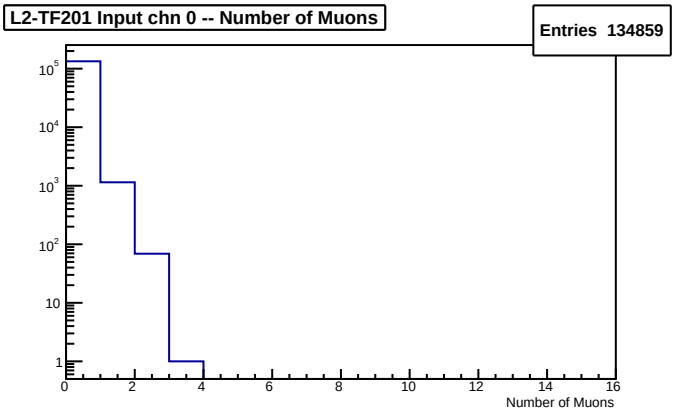

L2-TF201
Entries 0
TOF total mult(Real-Simu)

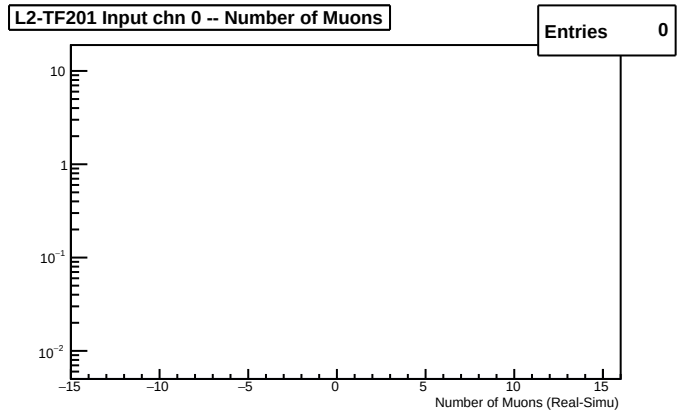

L2-TF201
Entries 944013
Threshold/UPC bits
101541
104810
96143
100942
104405
99242
123050
33318
30049
38716
33917
30454
35617
11809
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

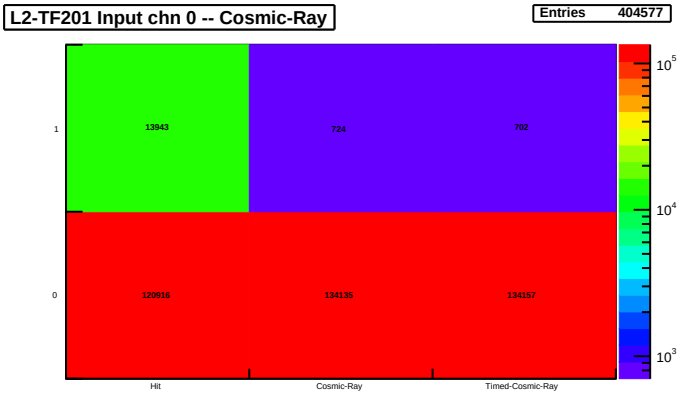

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

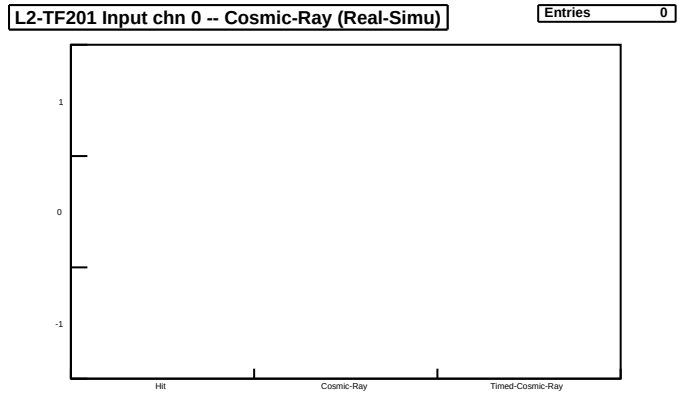

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1078872
Fired
134859
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

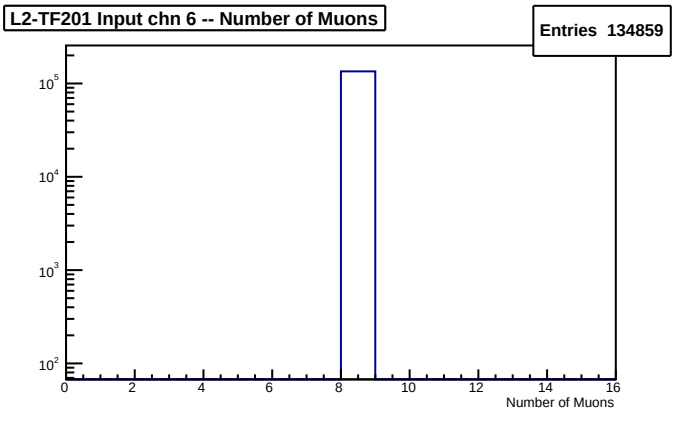

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

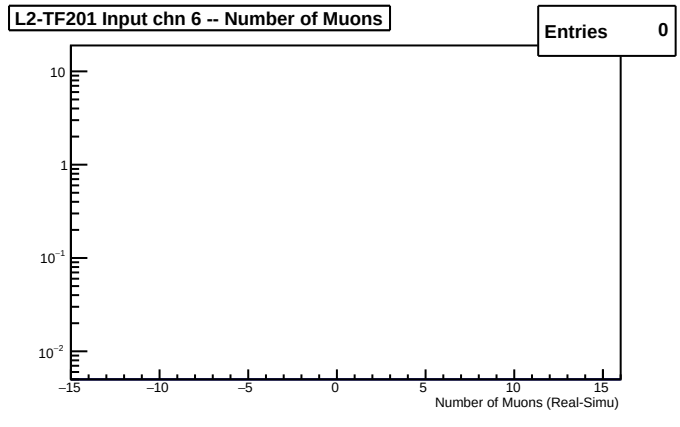

L2-TF201 Input chn 0 -- Number of Muons
Entries 134859
Number of Muons

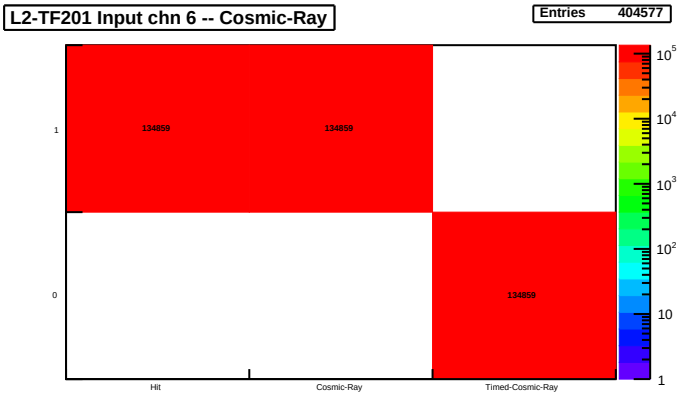

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

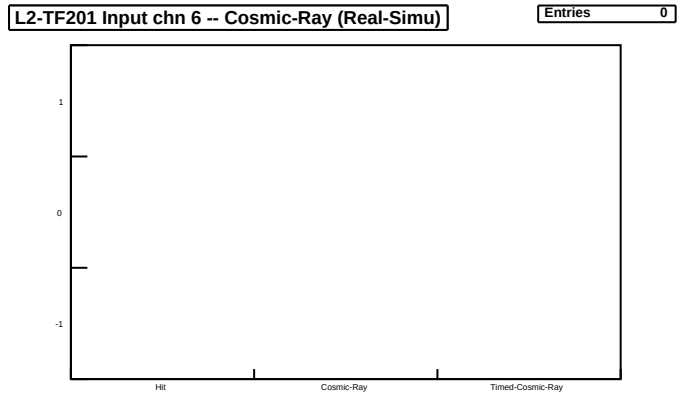

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 404577
13943
724
702
120916
134135
134157
Hit
Cosmic-Ray
Timed-Cosmic-Ray

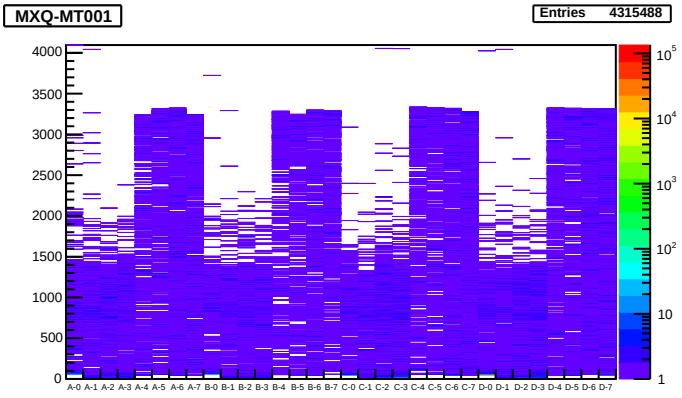

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

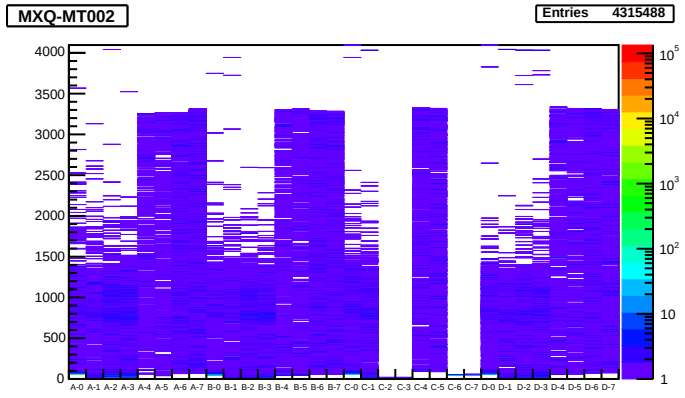

L2-TF201 Input chn 6 -- Number of Muons
Entries 134859
Number of Muons

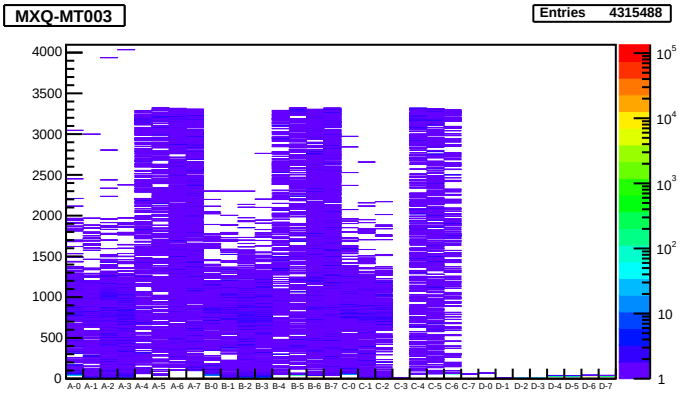

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

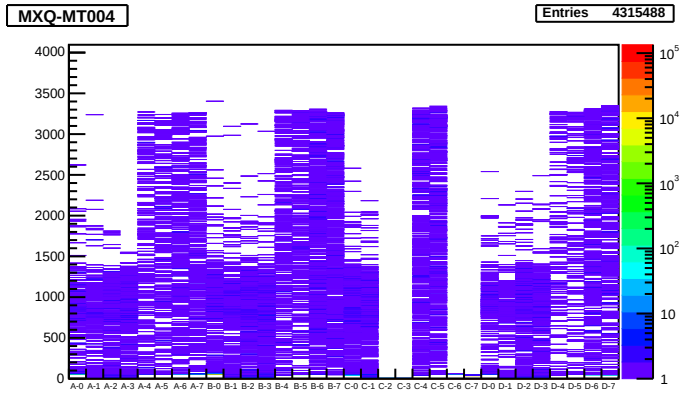

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 404577
134859
134859
134859
Hit
Cosmic-Ray
Timed-Cosmic-Ray

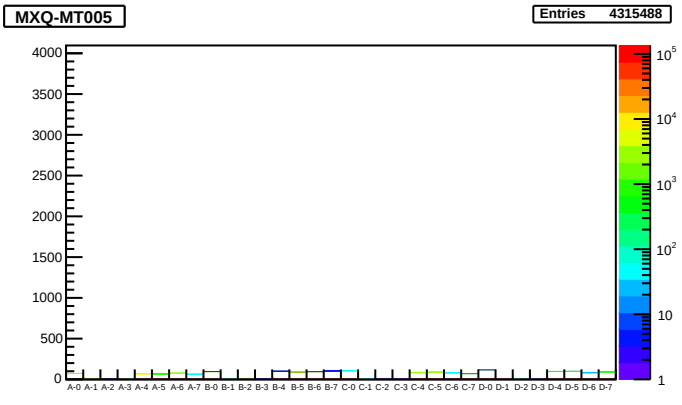

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

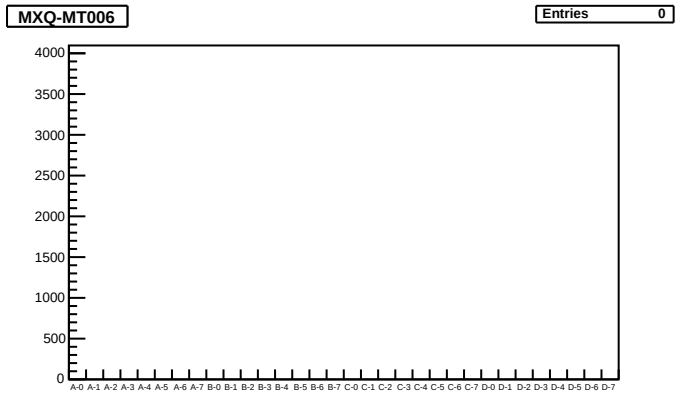

MXQ-MT001
Entries 4315488

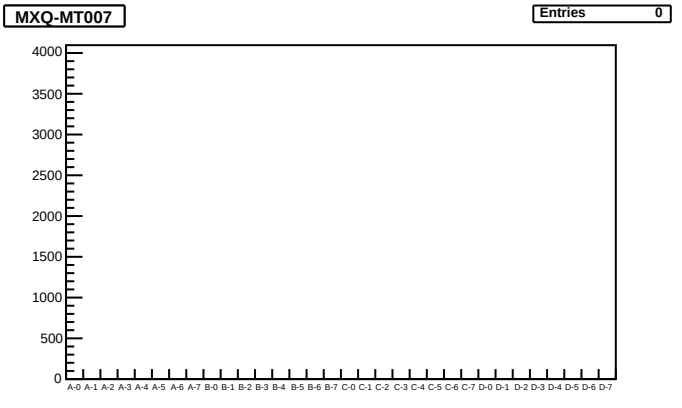

MXQ-MT002
Entries 4315488

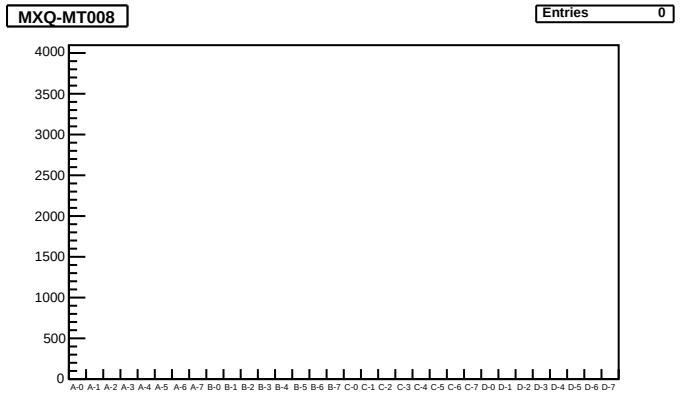

MXQ-MT003
Entries 4315488

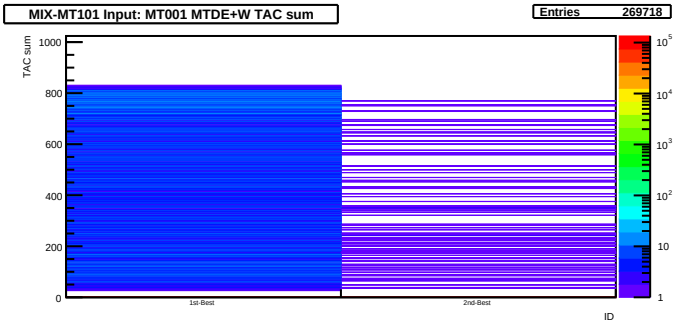

MXQ-MT004
Entries 4315488

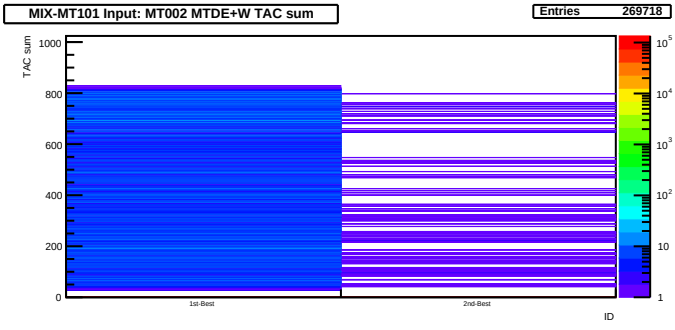

MXQ-MT005
Entries 4315488

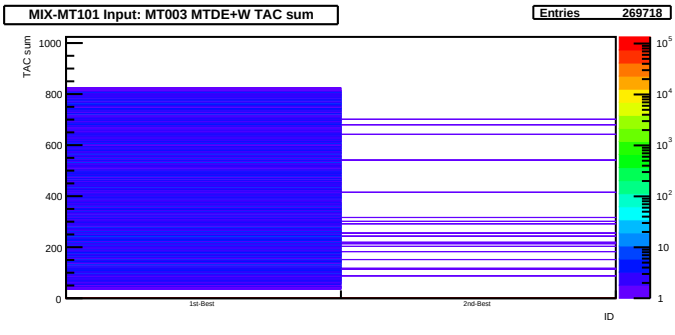

MXQ-MT006
Entries 0

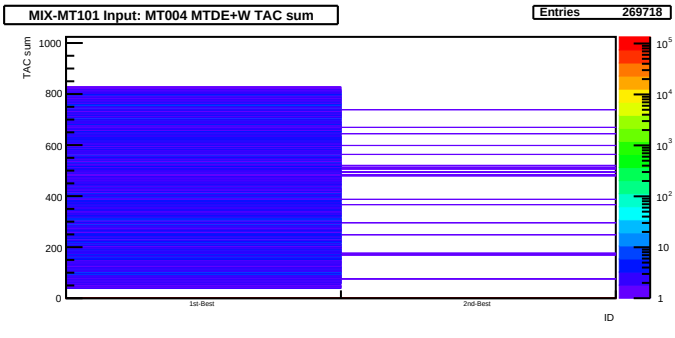

MXQ-MT007
Entries 0

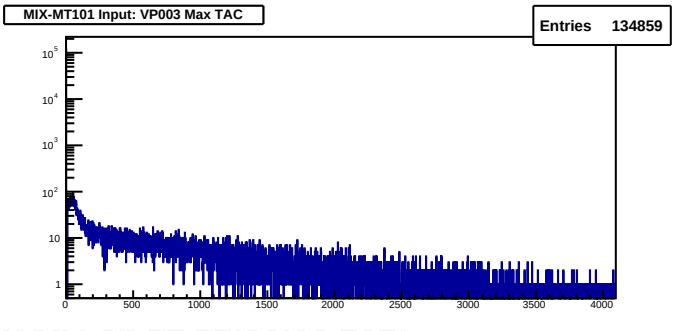

MXQ-MT008
Entries 0

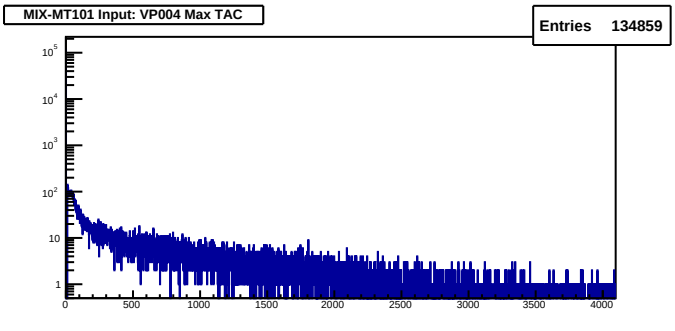

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 269718
TAC sum
1st-Best
2nd-Best
ID

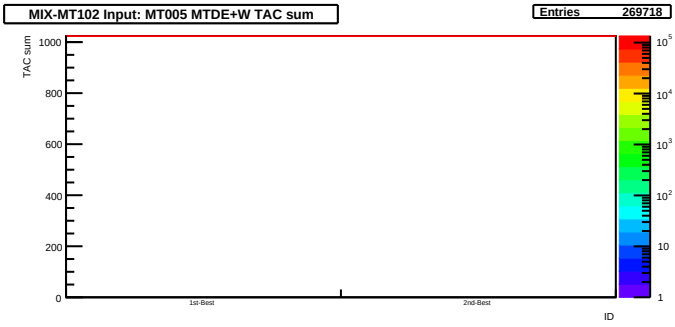

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 269718
TAC sum
1st-Best
2nd-Best
ID

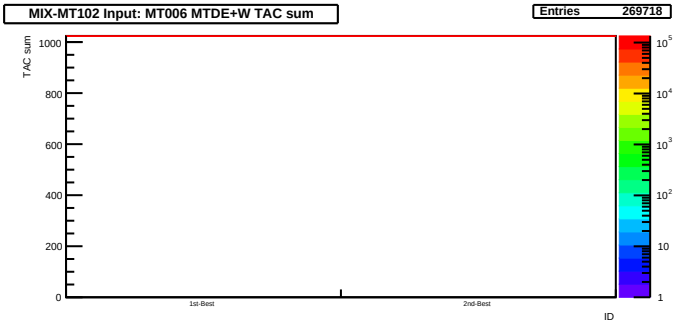

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 269718
TAC sum
1st-Best
2nd-Best
ID

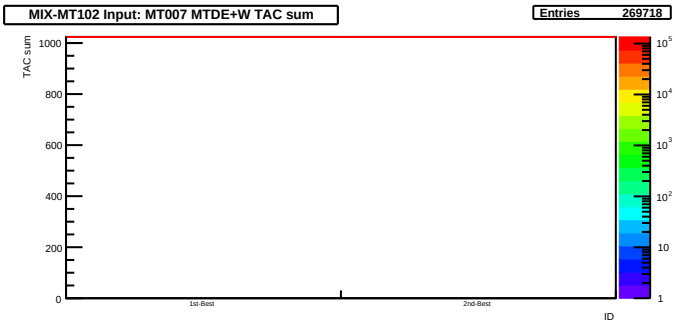

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 269718
TAC sum
1st-Best
2nd-Best
ID

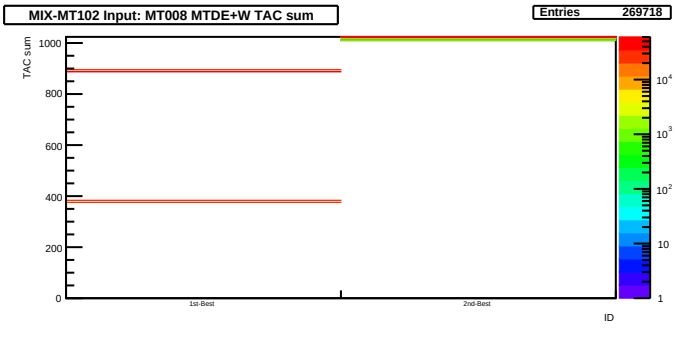

MIX-MT101 Input: VP003 Max TAC
Entries 134859

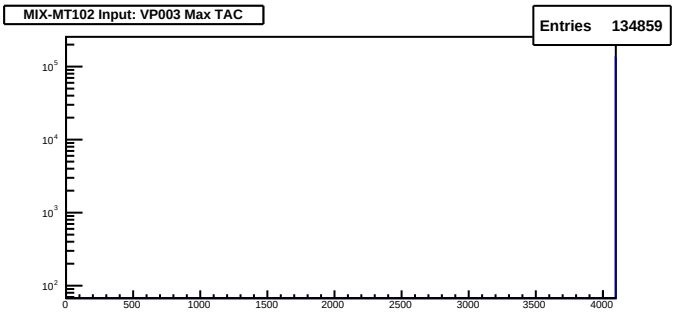

MIX-MT101 Input: VP004 Max TAC
Entries 134859

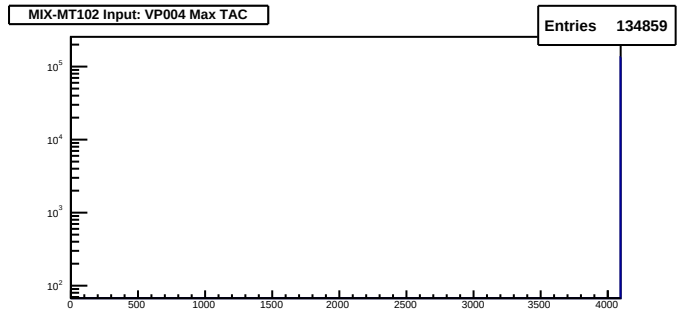

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 269718
TAC sum
1st-Best
2nd-Best
ID

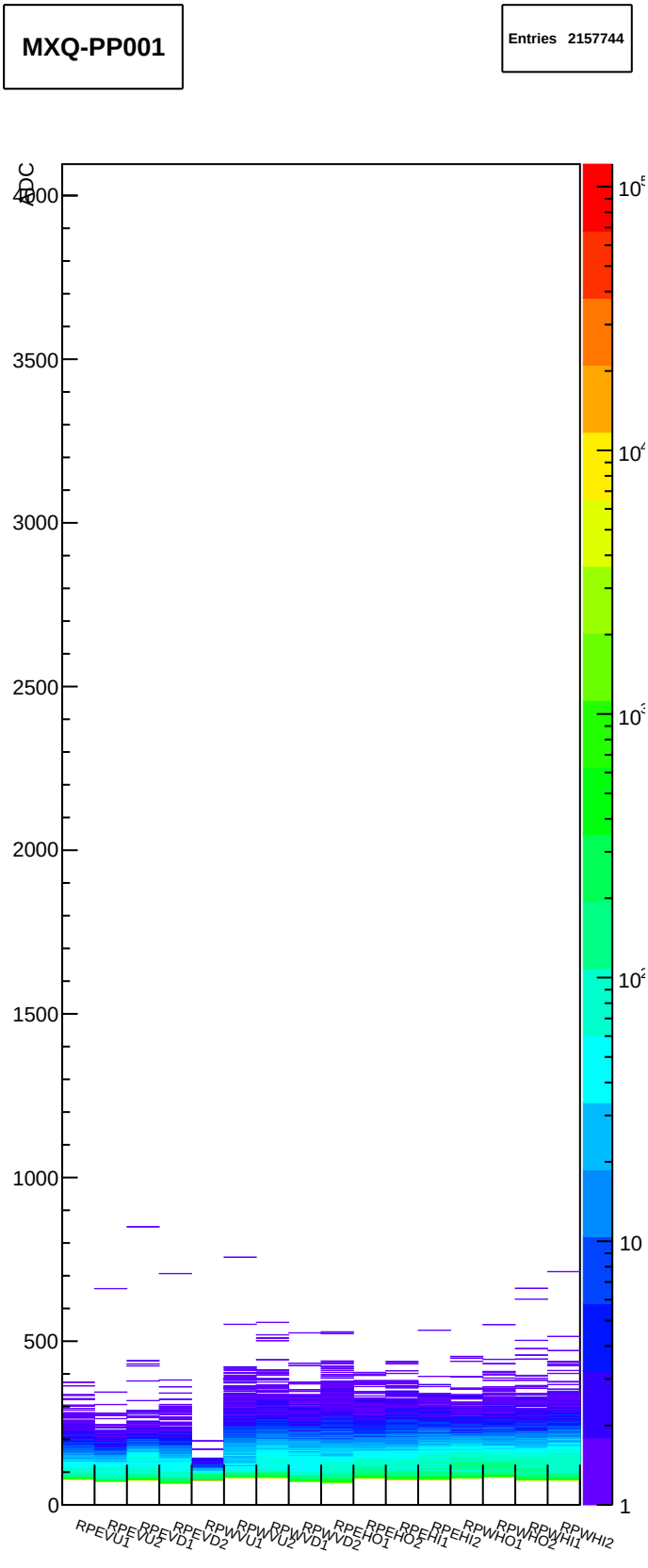

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 269718
TAC sum
1st-Best
2nd-Best
ID

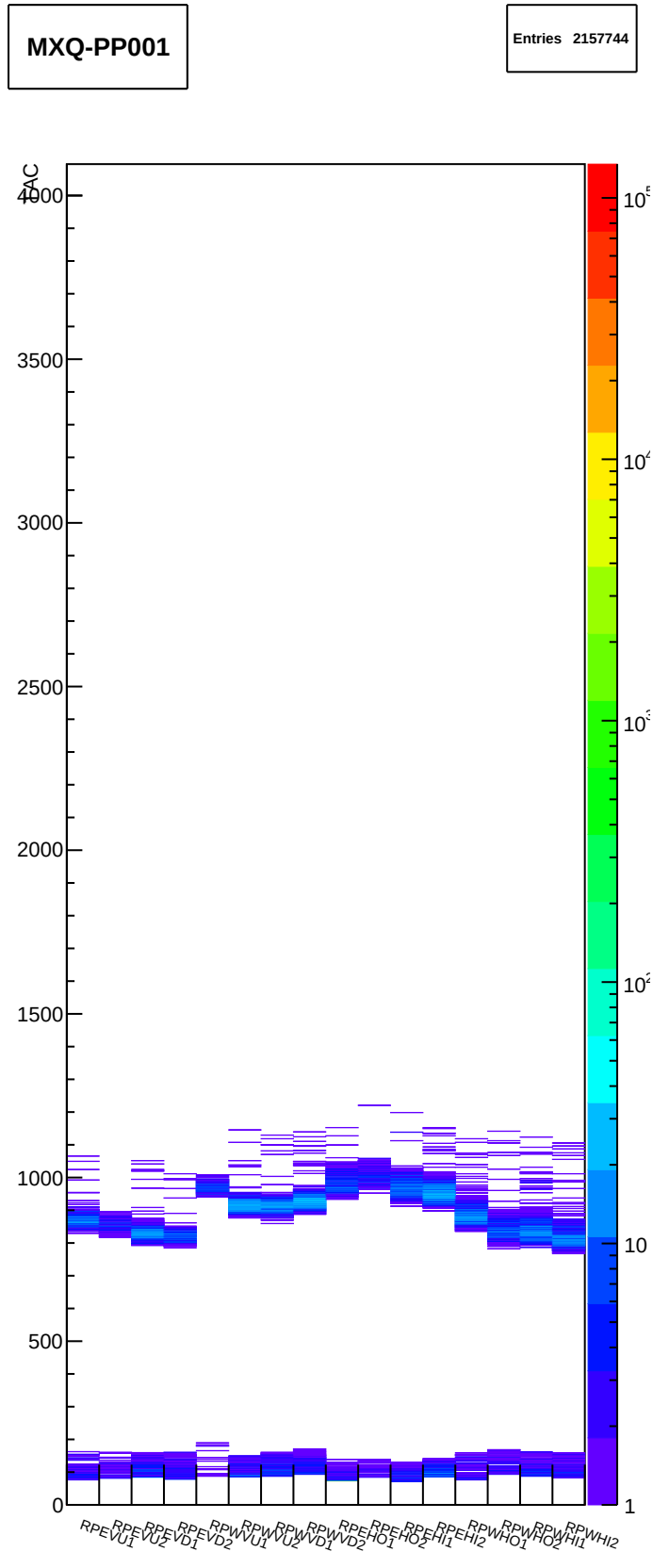

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 269718
TAC sum
1st-Best
2nd-Best
ID

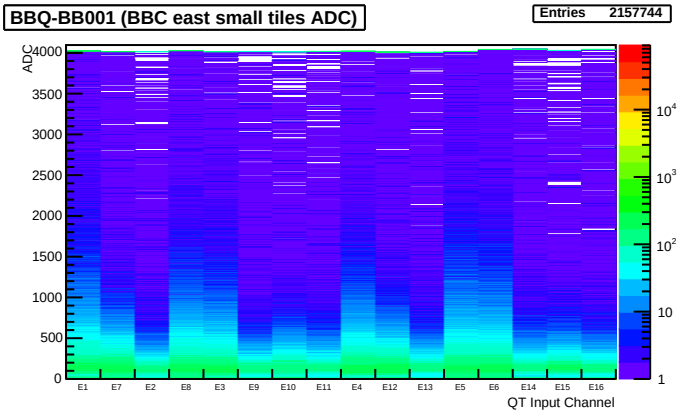

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 269718
TAC sum
1st-Best
2nd-Best
ID

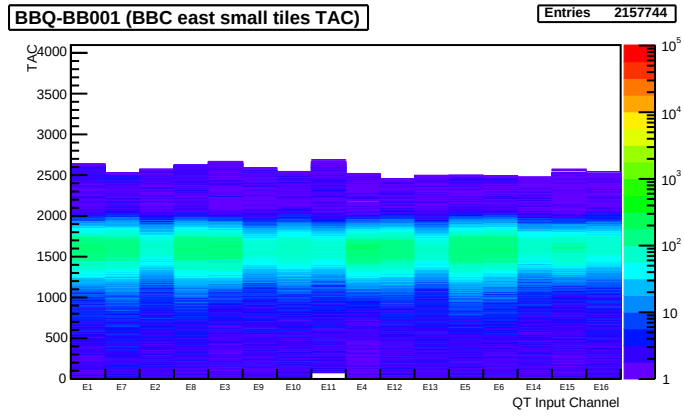

MIX-MT102 Input: VP003 Max TAC
Entries 134859

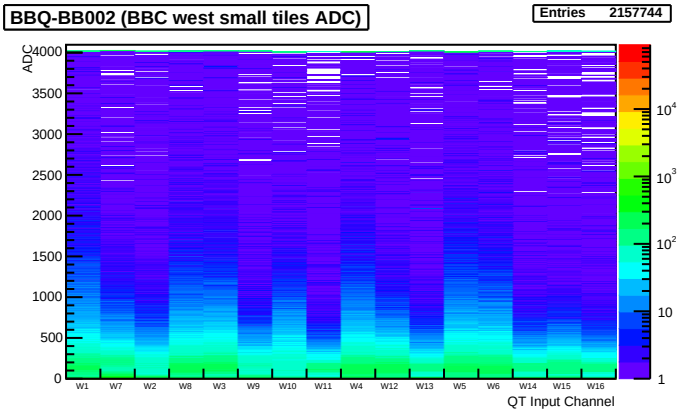

MIX-MT102 Input: VP004 Max TAC
Entries 134859

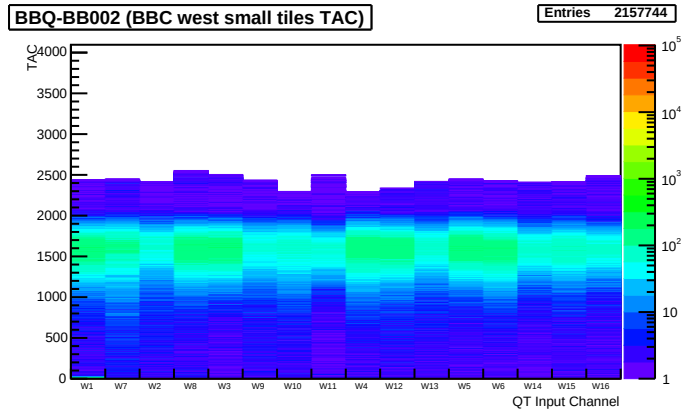

MXQ-PP001
Entries 2157744
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

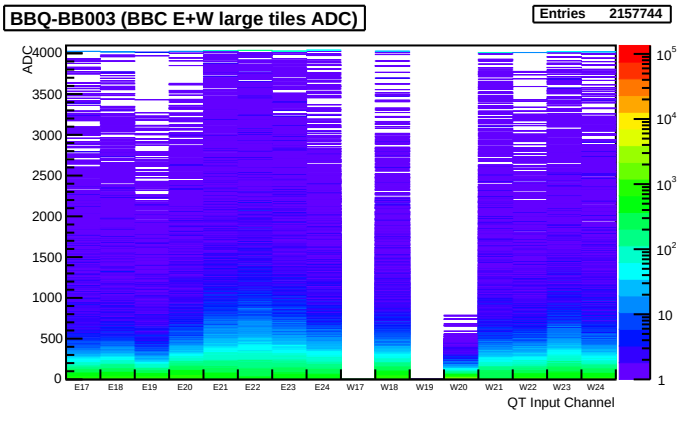

MXQ-PP001
Entries 2157744
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

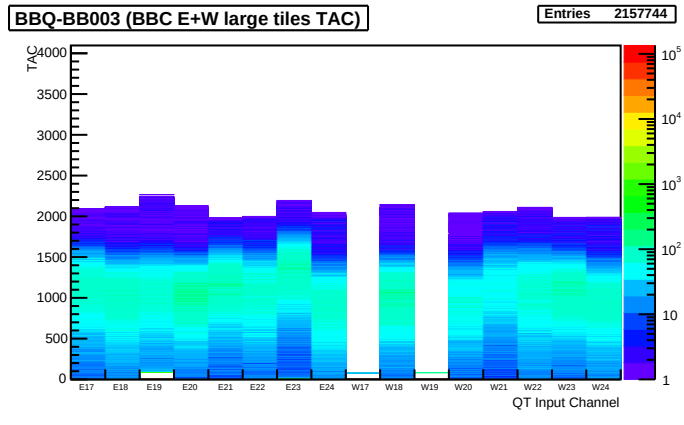

BBQ-BB001 (BBC east small tiles ADC)
Entries 2157744
ADC
QT Input Channel

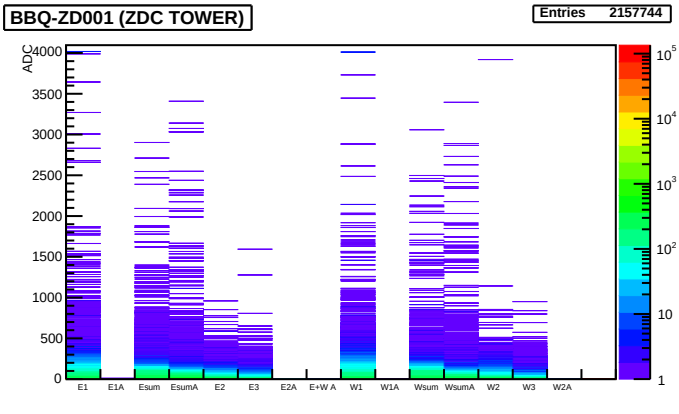

BBQ-BB001 (BBC east small tiles TAC)
Entries 2157744
TAC
QT Input Channel

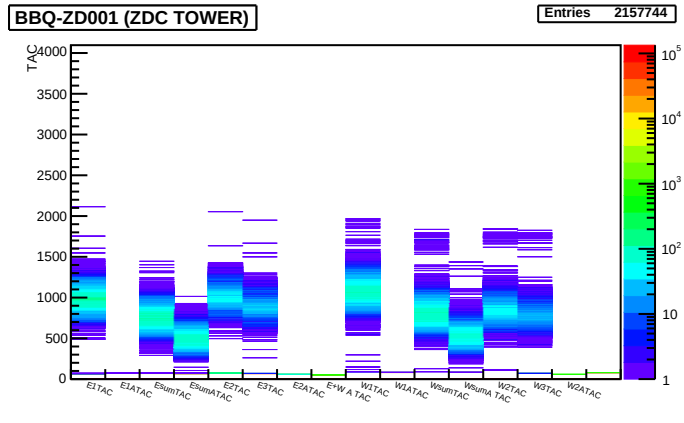

BBQ-BB002 (BBC west small tiles ADC)
Entries 2157744
ADC
QT Input Channel

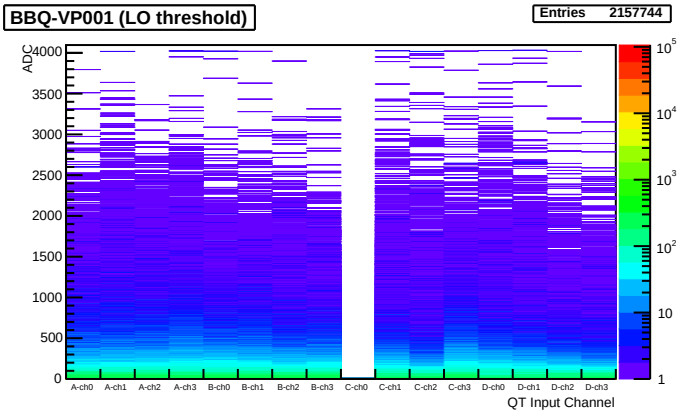

BBQ-BB002 (BBC west small tiles TAC)
Entries 2157744
TAC
QT Input Channel

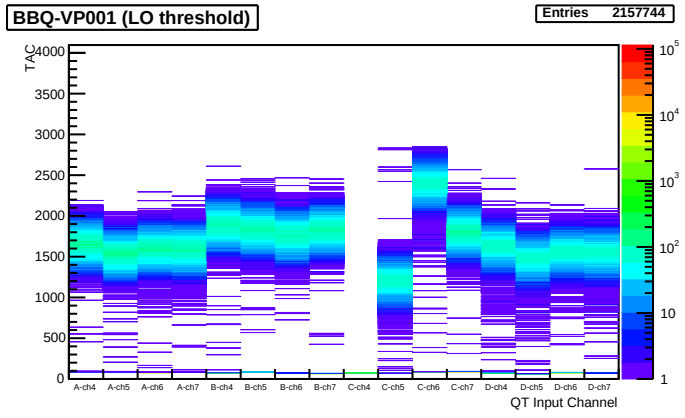

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2157744
ADC
QT Input Channel

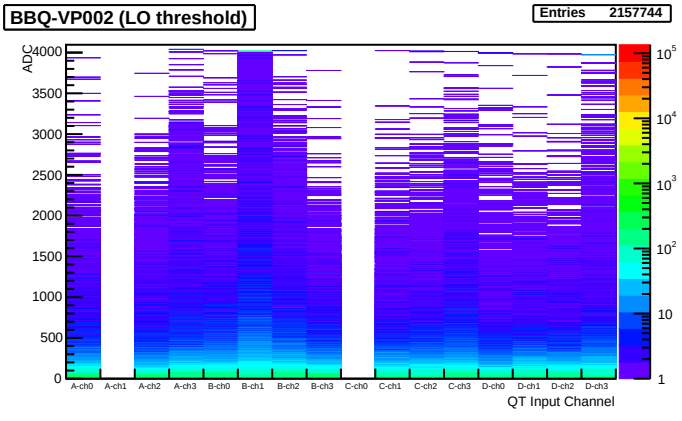

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2157744
TAC
QT Input Channel

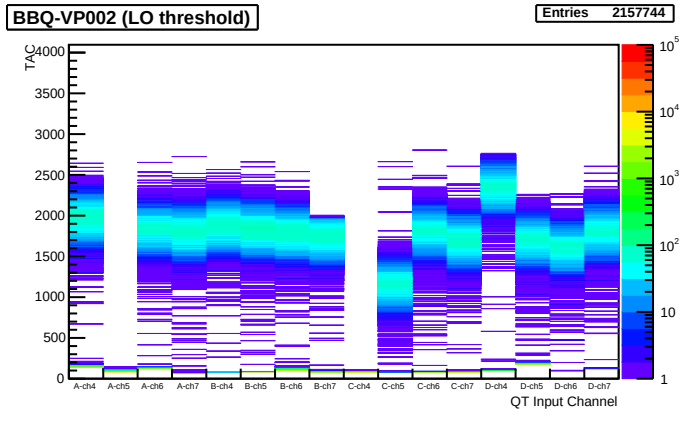

BBQ-ZD001 (ZDC TOWER)
Entries 2157744
ADC

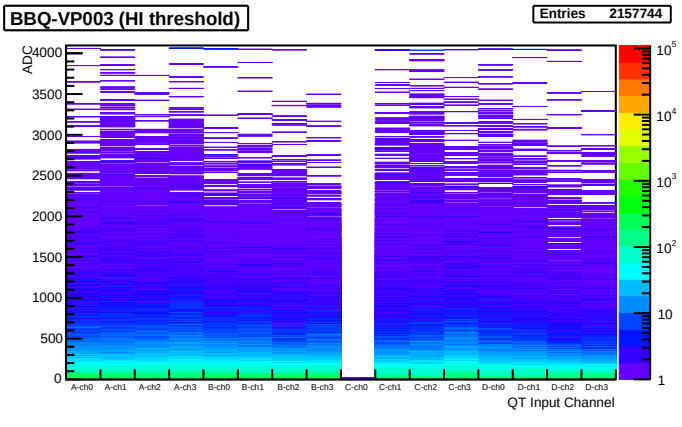

BBQ-ZD001 (ZDC TOWER)
Entries 2157744
TAC

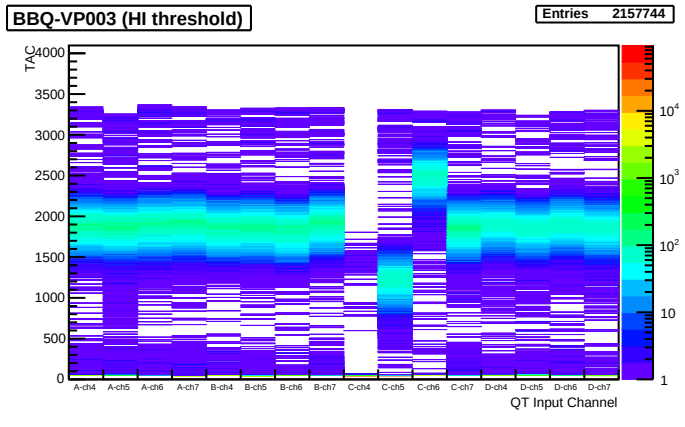

BBQ-VP001 (LO threshold)
Entries 2157744
ADC
QT Input Channel

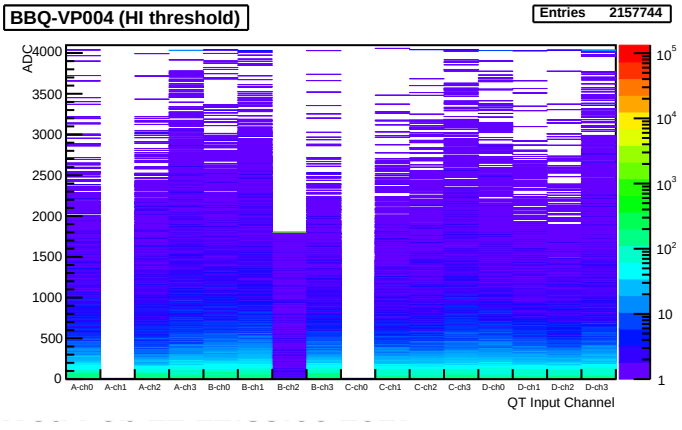

BBQ-VP001 (LO threshold)
Entries 2157744
TAC
QT Input Channel

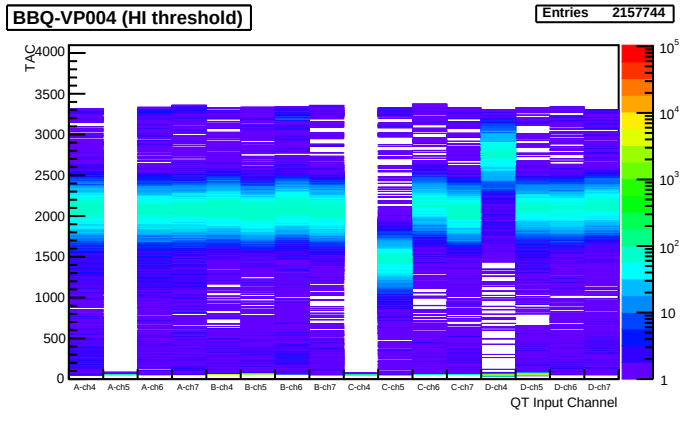

BBQ-VP002 (LO threshold)
Entries 2157744
ADC
QT Input Channel

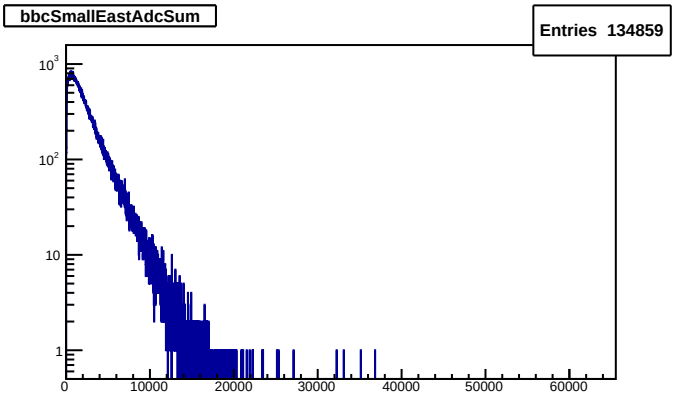

BBQ-VP002 (LO threshold)
Entries 2157744
TAC
QT Input Channel

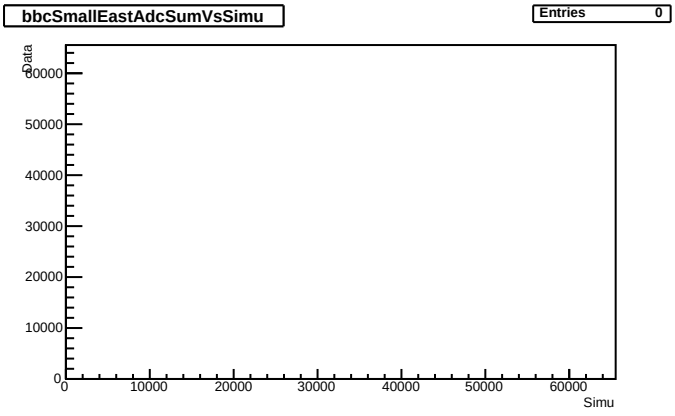

BBQ-VP003 (HI threshold)
Entries 2157744
ADC
QT Input Channel

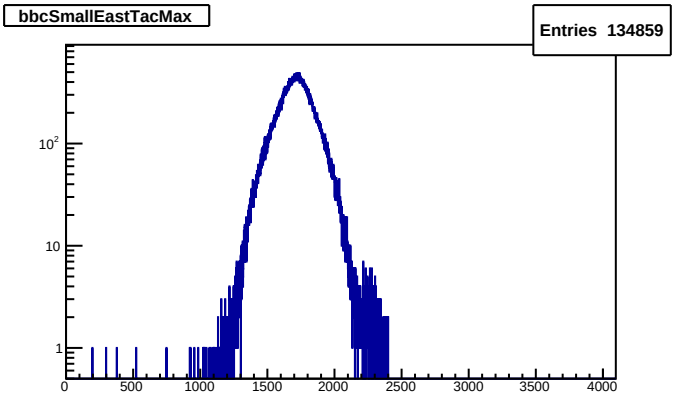

BBQ-VP003 (HI threshold)
Entries 2157744
TAC
QT Input Channel

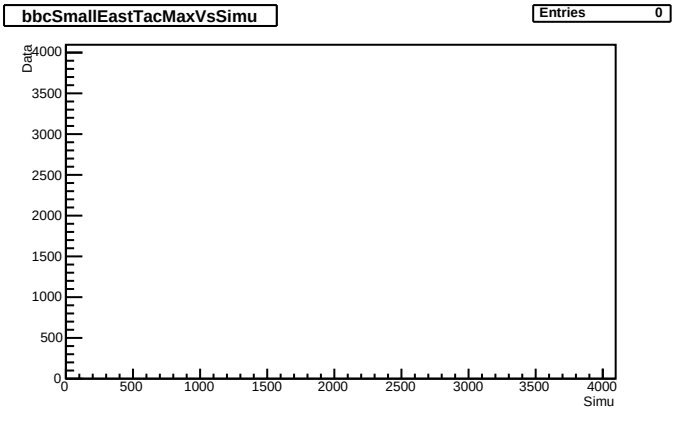

BBQ-VP004 (HI threshold)
Entries 2157744
ADC
QT Input Channel

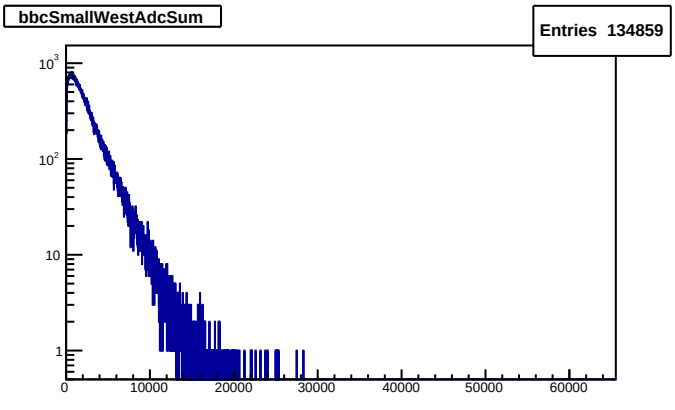

BBQ-VP004 (HI threshold)
Entries 2157744
TAC
QT Input Channel

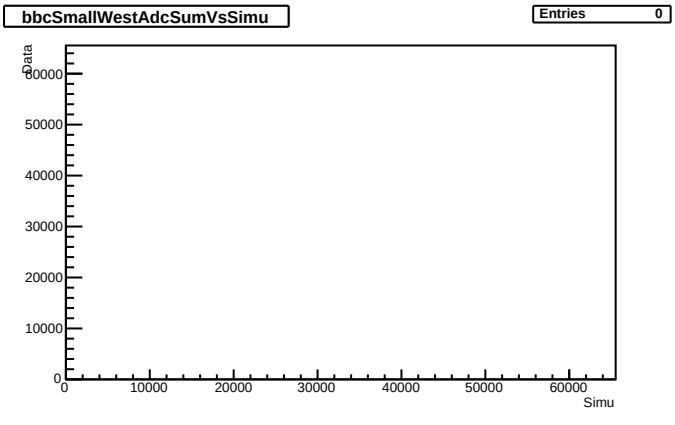

bbcSmallEastAdcSum
Entries 134859

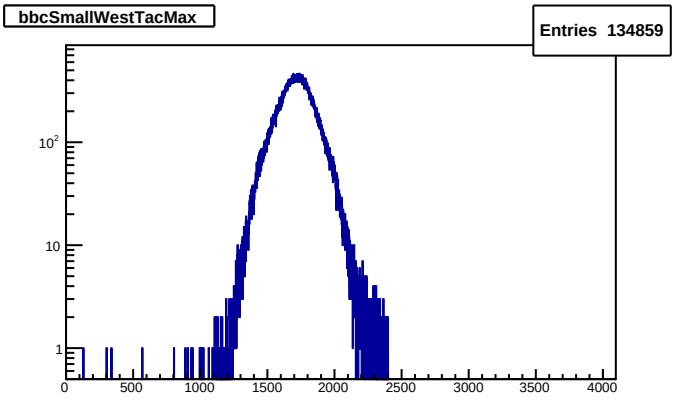

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

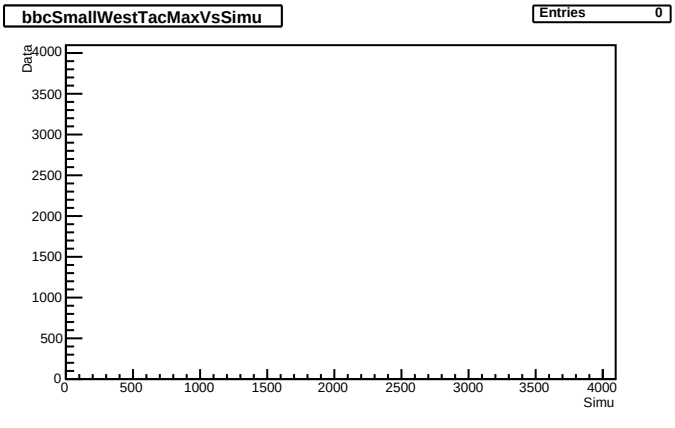

bbcSmallEastTacMax
Entries 134859

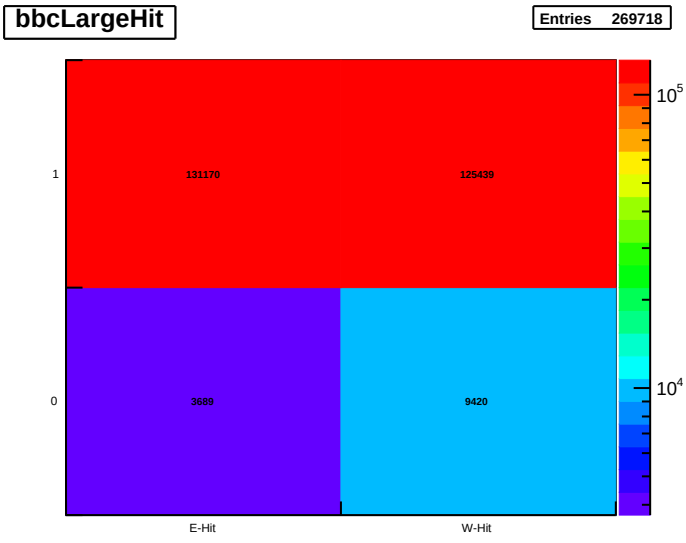

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

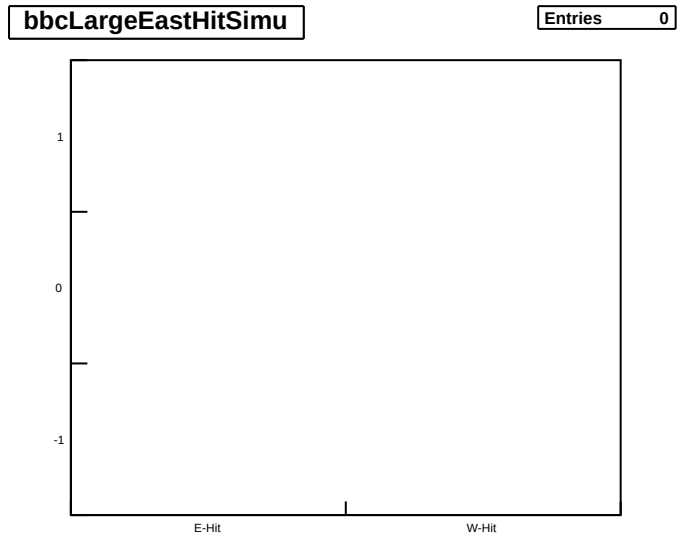

bbcSmallWestAdcSum
Entries 134859

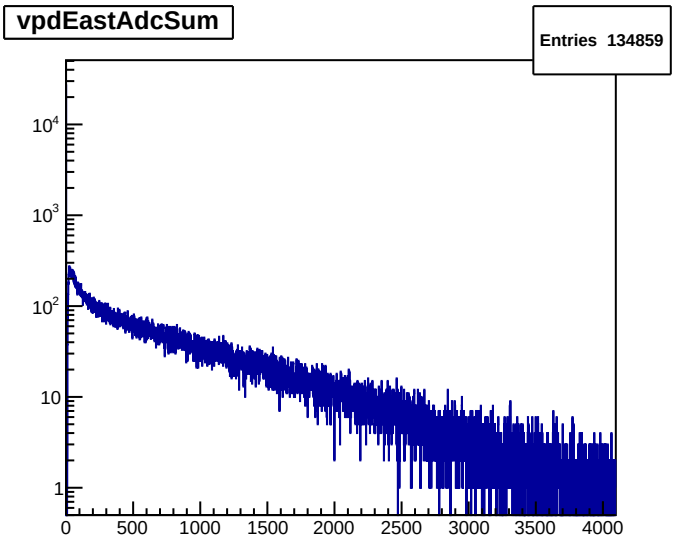

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

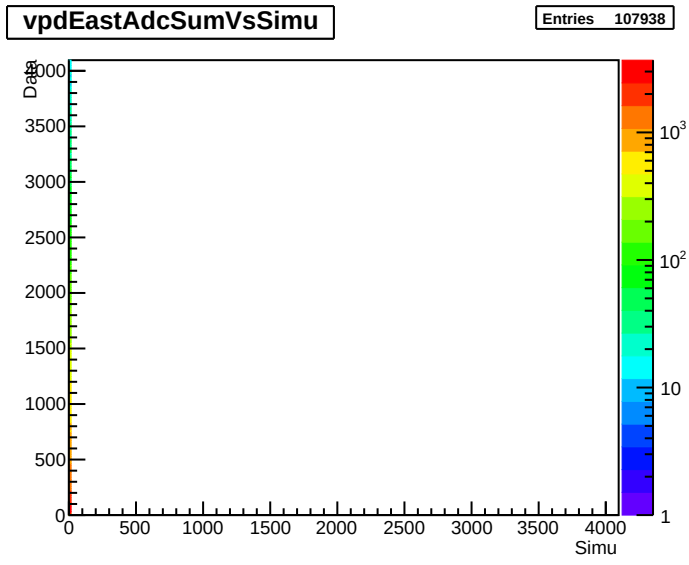

bbcSmallWestTacMax
Entries 134859

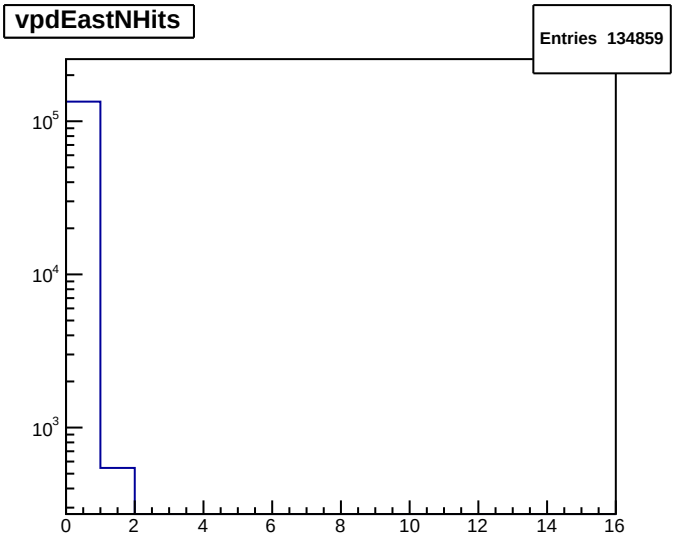

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

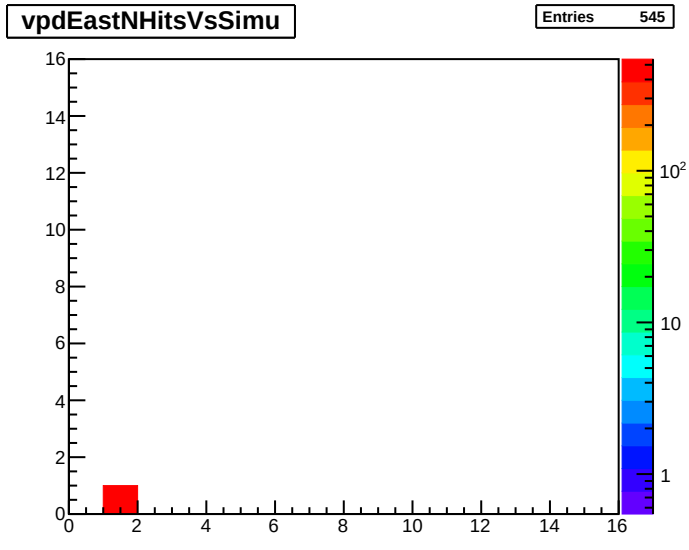

bbcLargeHit
Entries 269718
131170
125439
3689
9420
1
0
E-Hit
W-Hit
10^5
10^4

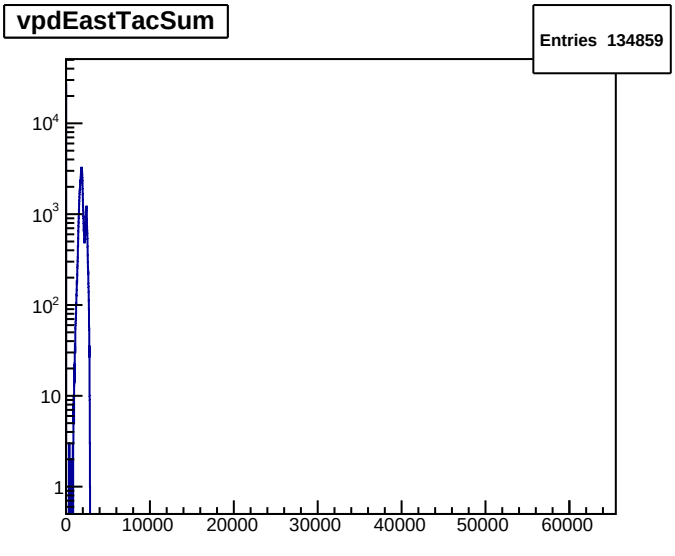

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

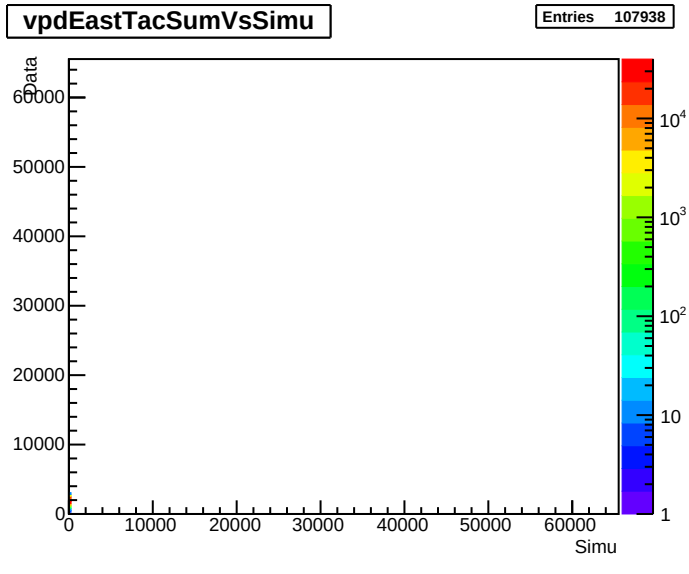

vpdEastAdcSum
Entries 134859

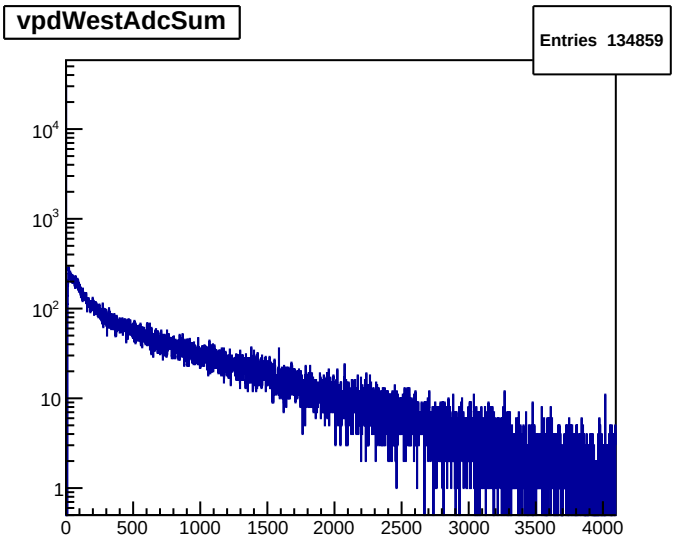

vpdEastAdcSumVsSimu
Entries 107938
Data
Simu

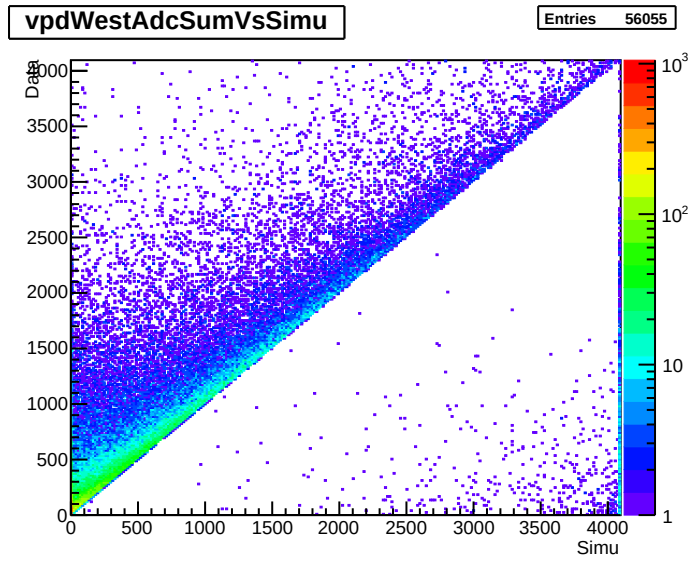

vpdEastNHits
Entries 134859

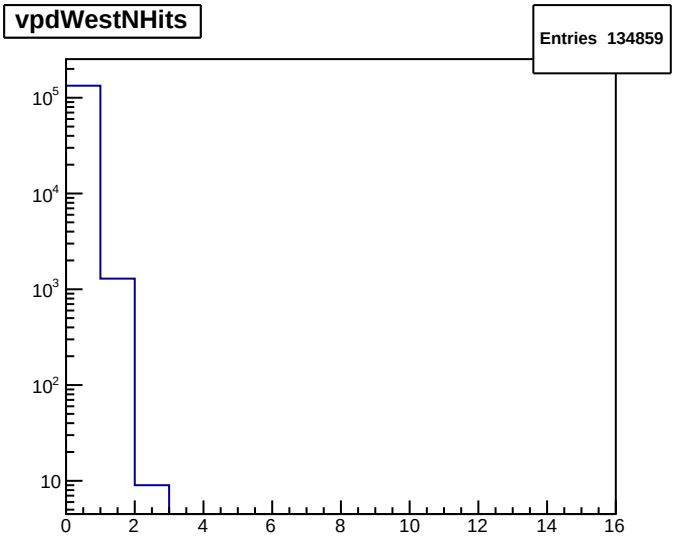

vpdEastNHitsVsSimu
Entries 545

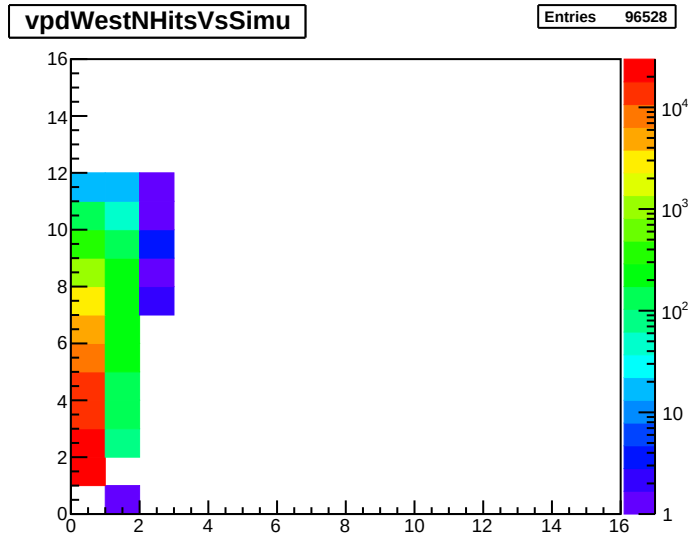

vpdEastTacSum
Entries 134859

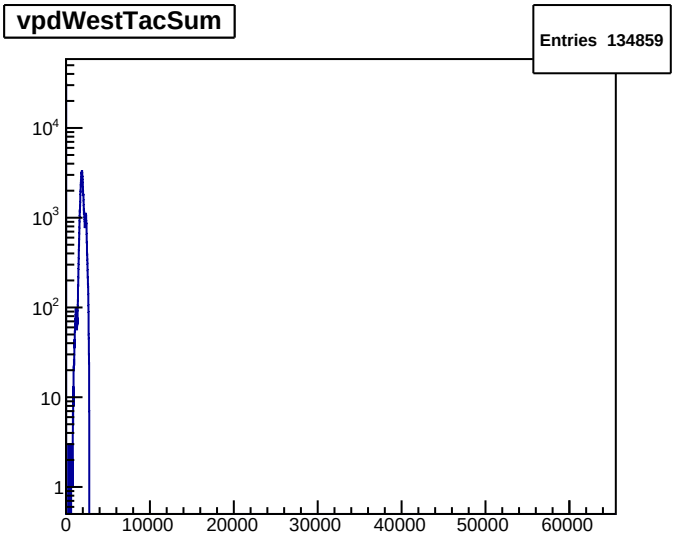

vpdEastTacSumVsSimu
Entries 107938
Data
Simu

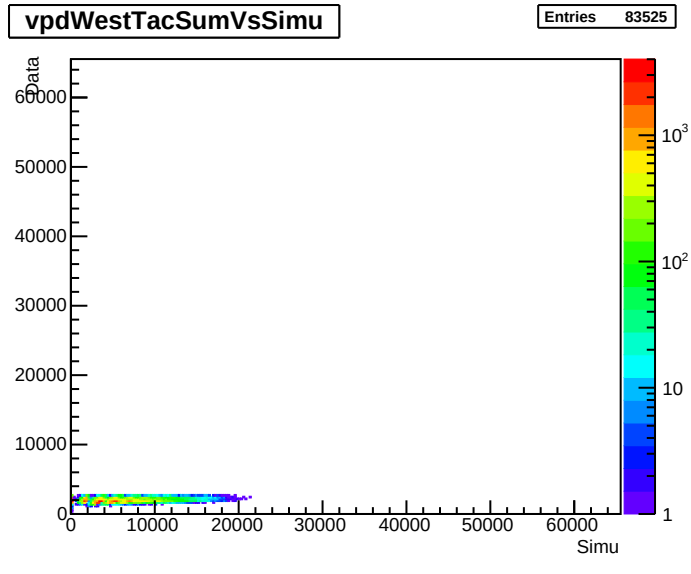

vpdWestAdcSum
Entries 134859

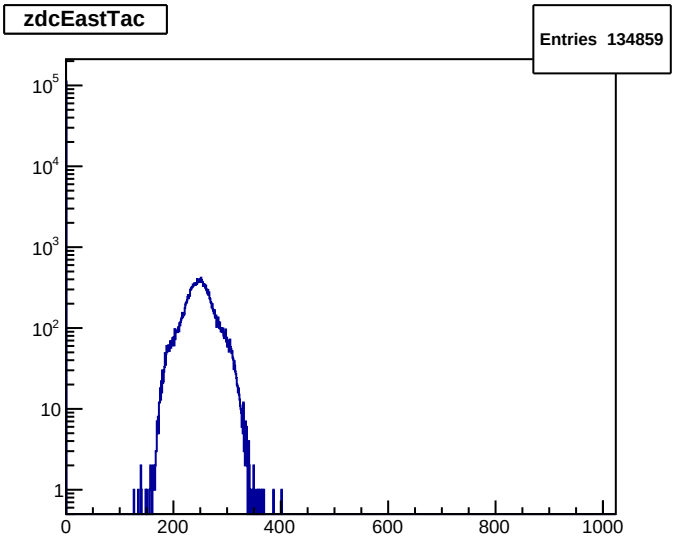

vpdWestAdcSumVsSimu
Entries 56055
Data
Simu

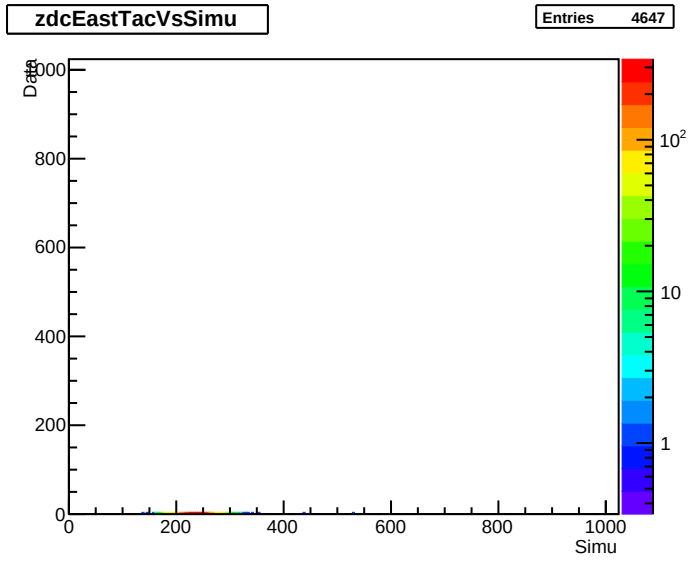

vpdWestNHits
Entries 134859

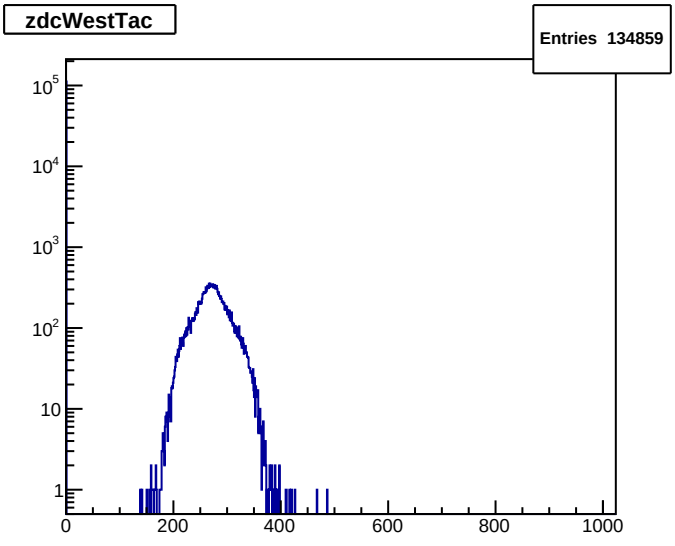

vpdWestNHitsVsSimu
Entries 96528

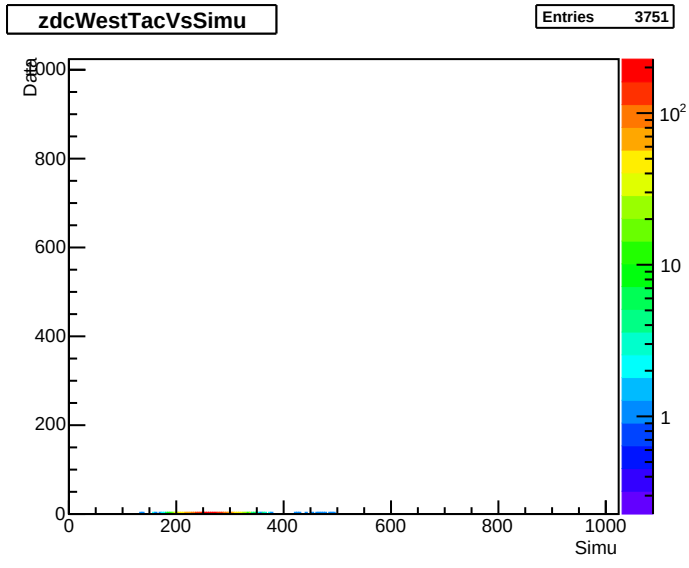

vpdWestTacSum
Entries 134859

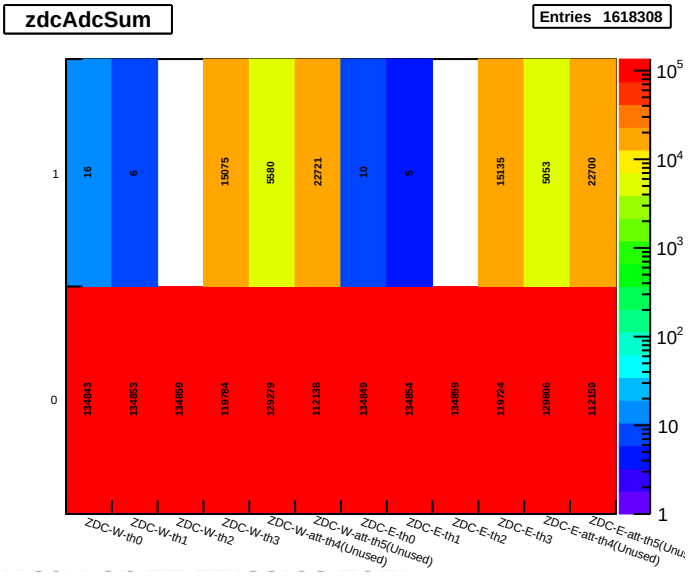

vpdWestTacSumVsSimu
Entries 83525
Data
Simu

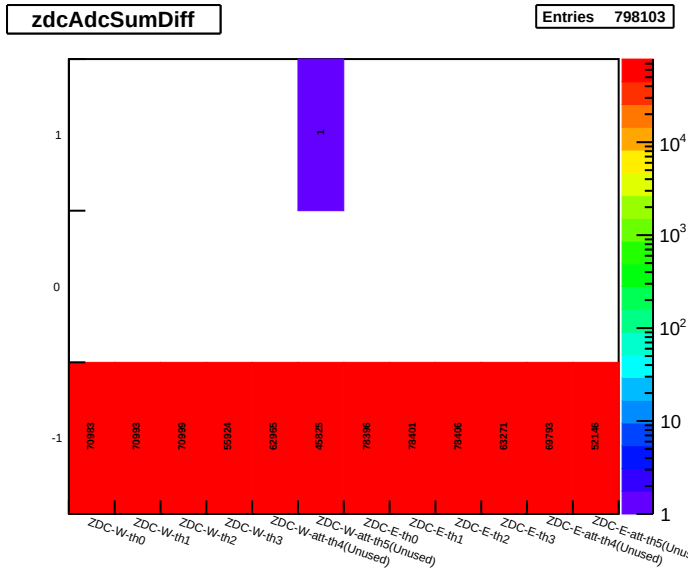

zdcEastTac
Entries 134859

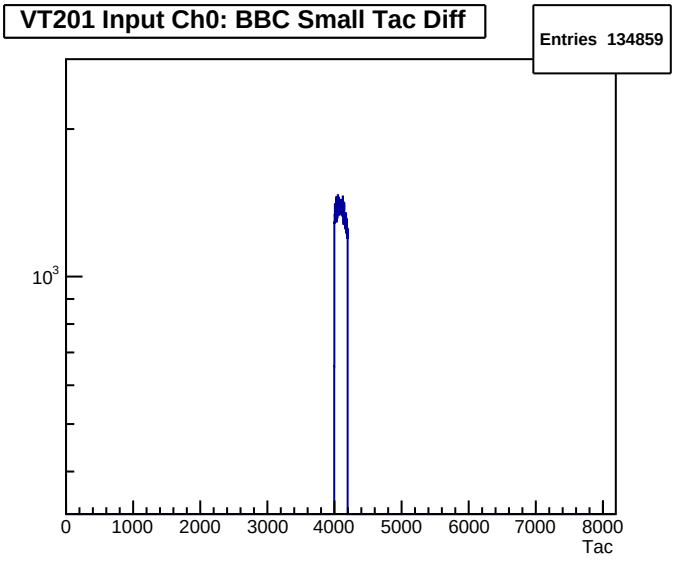

zdcEastTacVsSimu
Entries 4647
Data
Simu

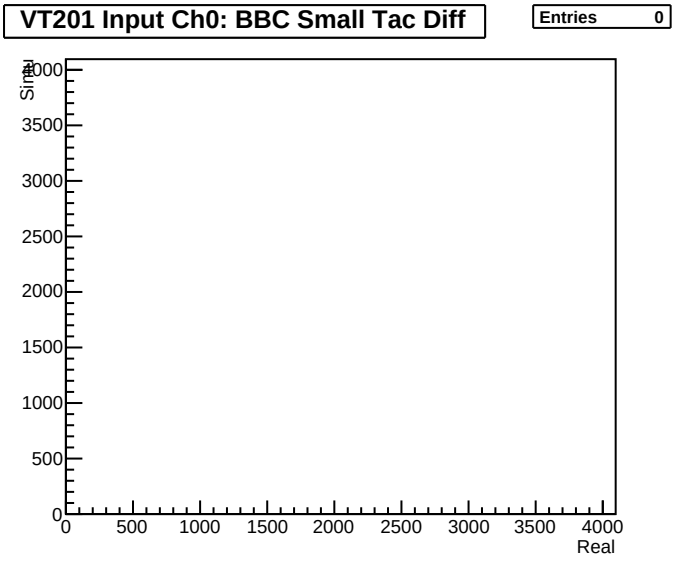

zdcWestTac
Entries 134859

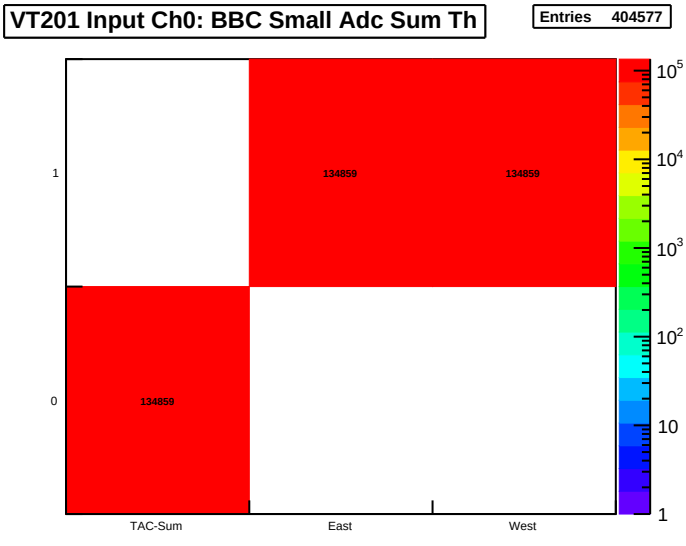

zdcWestTacVsSimu
Entries 3751
Data
Simu

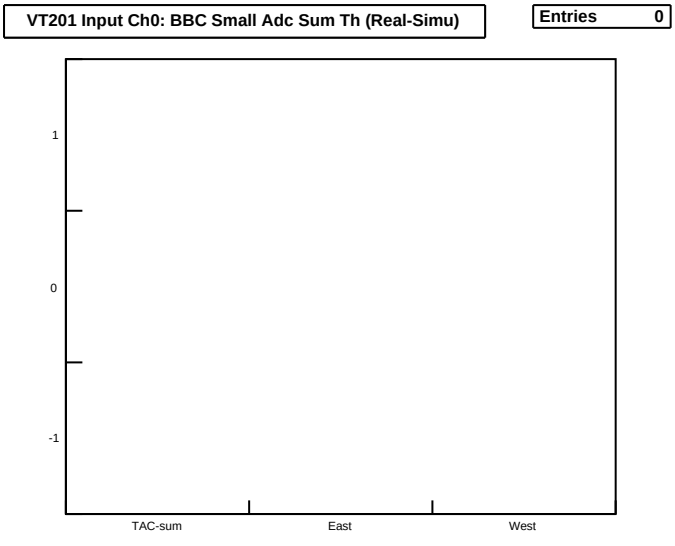

zdcAdcSum
Entries 1618308
16
6
15075
5580
22721
10
5
15135
5053
22700
134843
134853
134859
119784
129279
112138
134849
134854
134859
119724
129806
112159
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

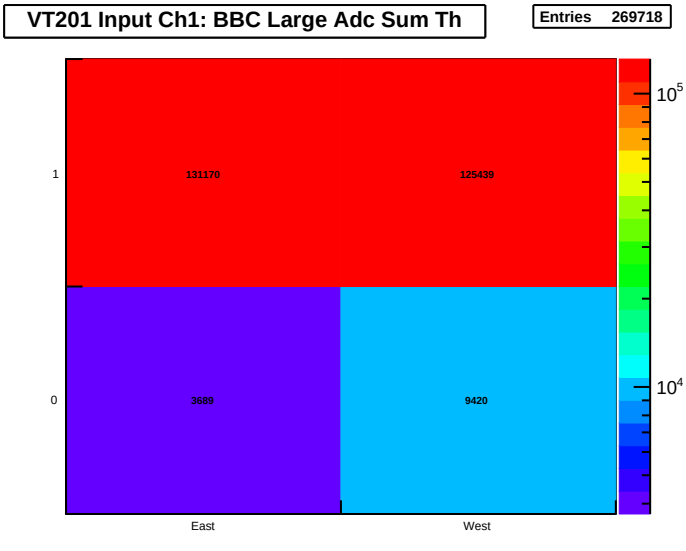

zdcAdcSumDiff
Entries 798103
1
70983
70993
70999
55924
62965
45825
78396
78401
78406
63271
68793
52146
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

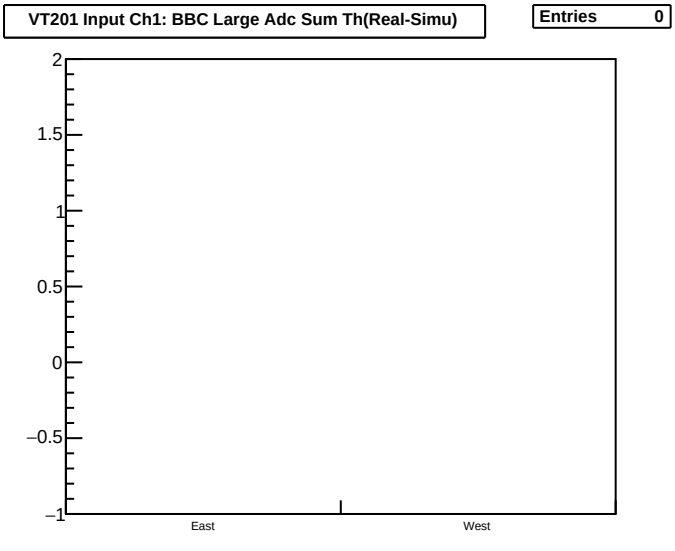

VT201 Input Ch0: BBC Small Tac Diff
Entries 134859
10^3
0 1000 2000 3000 4000 5000 6000 7000 8000
Tac


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

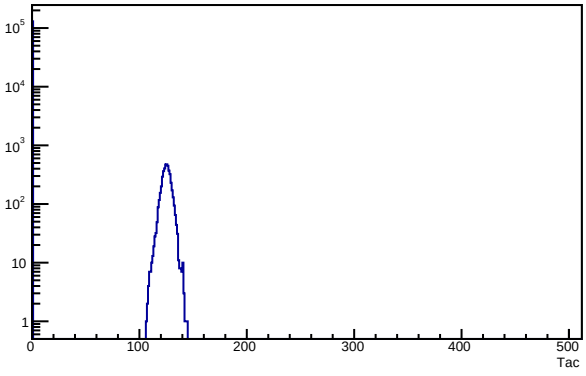

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 404577
134859
134859
134859
1
0
TAC-Sum
East
West
10^5
10^4
10^3
10^2
10
1


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

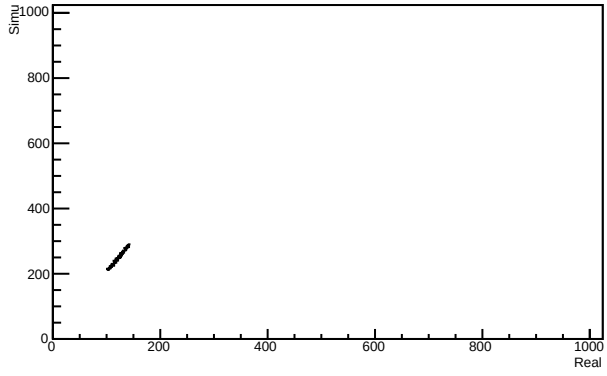

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 269718
131170
125439
3689
9420
1
0
East
West
10^5
10^4


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

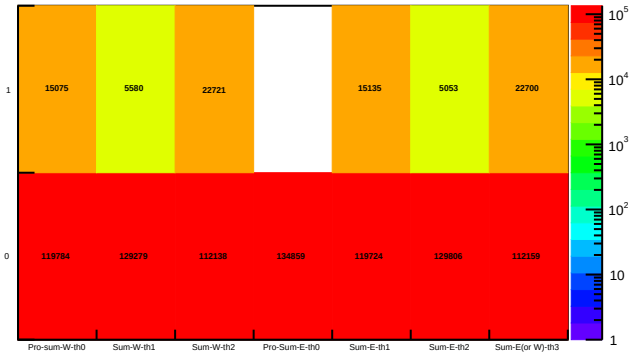
VT201 Input Ch2: ZDC Tac Diff



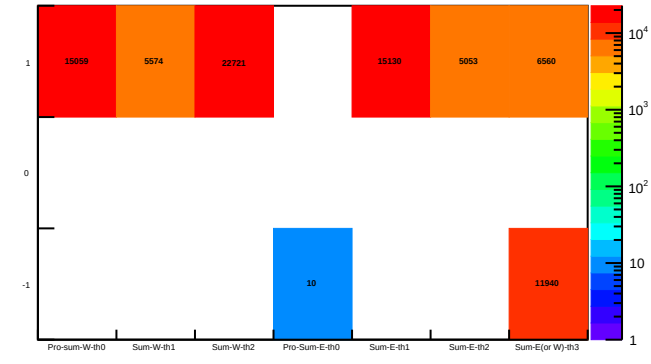
VT201 Input Ch2: ZDC Tac Diff



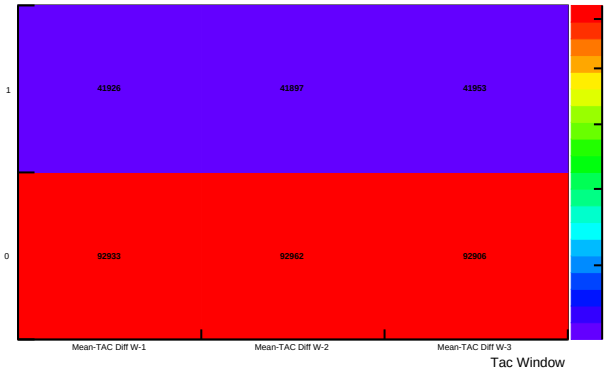
VT201 Input Ch2: ZDC Adc Sum Th



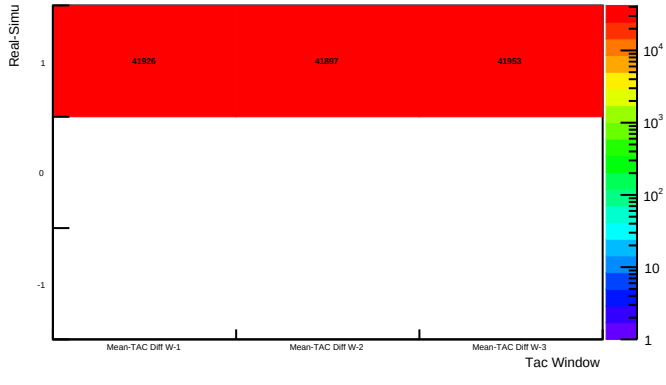
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



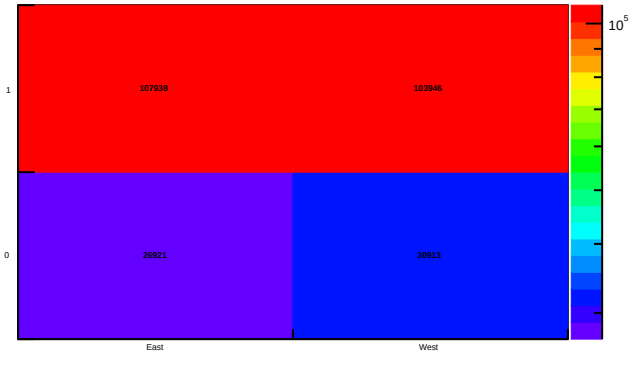
VT201 Input Ch4: VPD Tac Diff



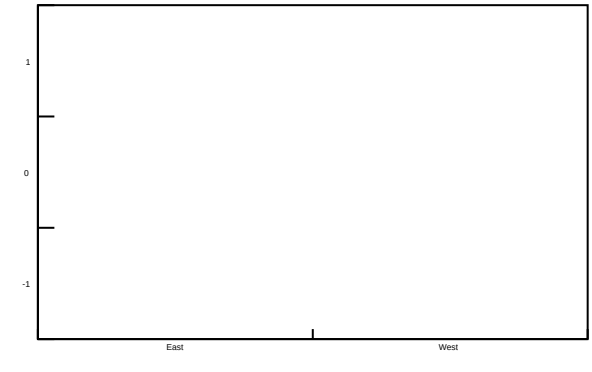
VT201 Input Ch4: VPD Tac Diff

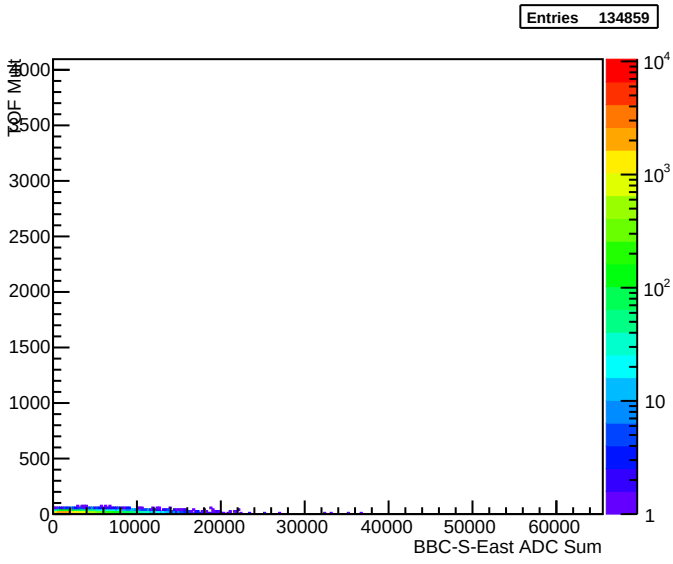


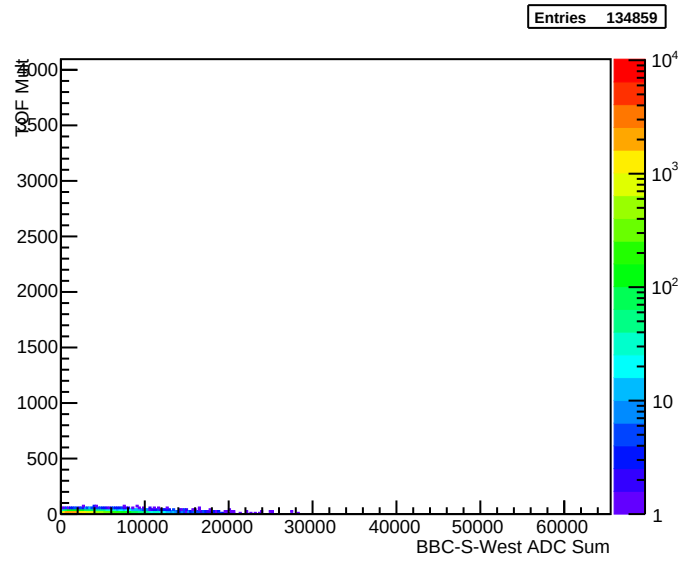
VT201 Input Ch4: VPD Adc Sum Th

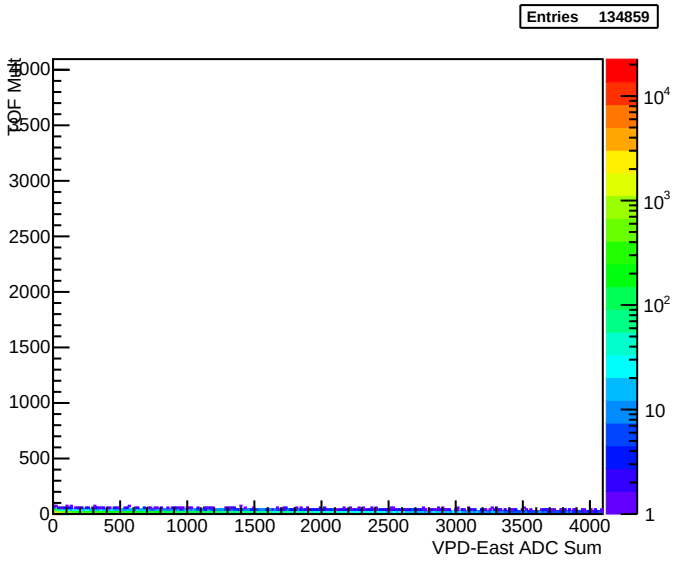


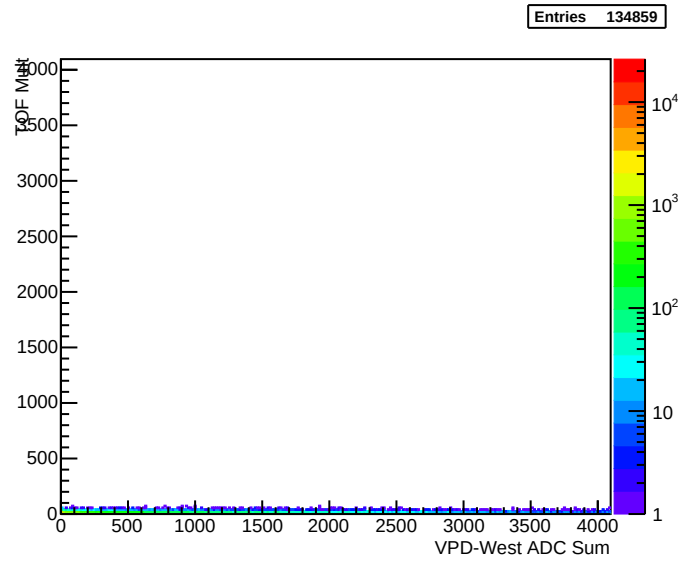
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

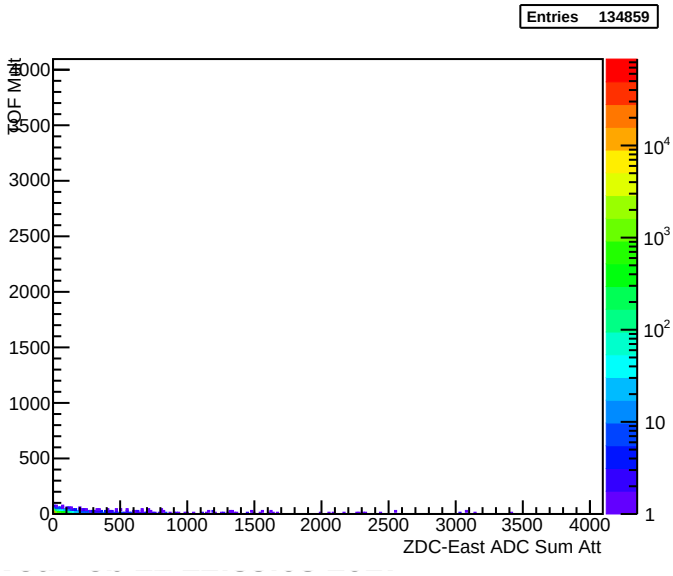


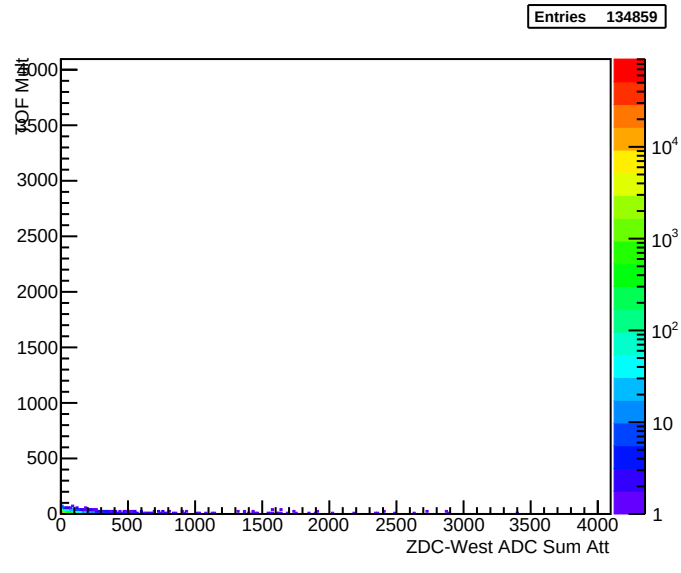

Entries 134859
TOF Mult
BBC-S-East ADC Sum

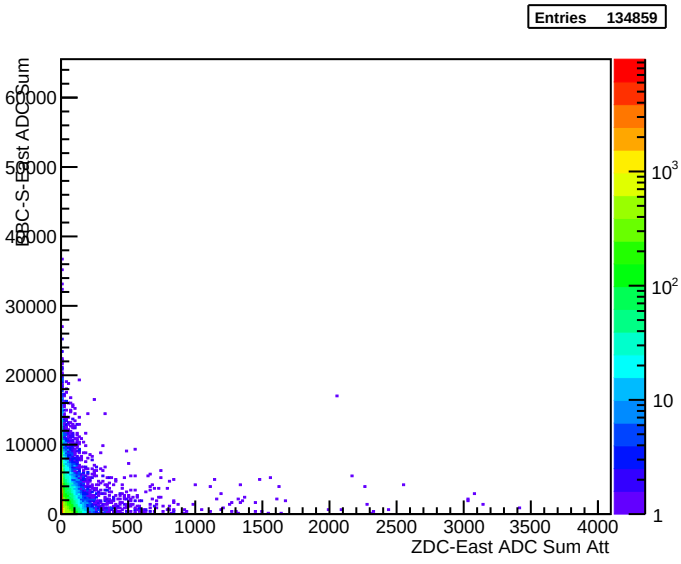

Entries 134859
TOF Mult
BBC-S-West ADC Sum

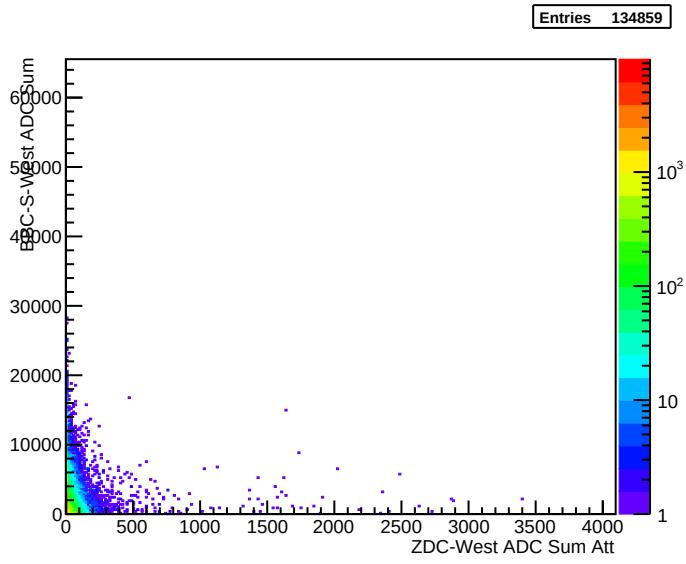

Entries 134859
TOF Mult
VPD-East ADC Sum

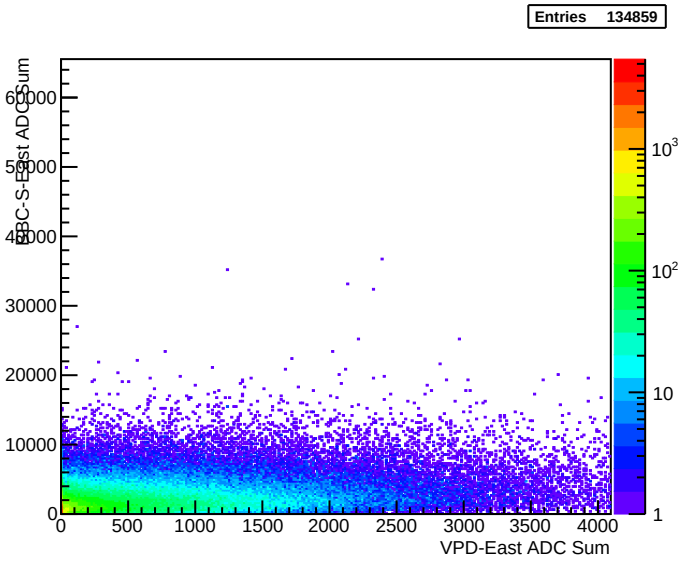

Entries 134859
TOF Mult
VPD-West ADC Sum

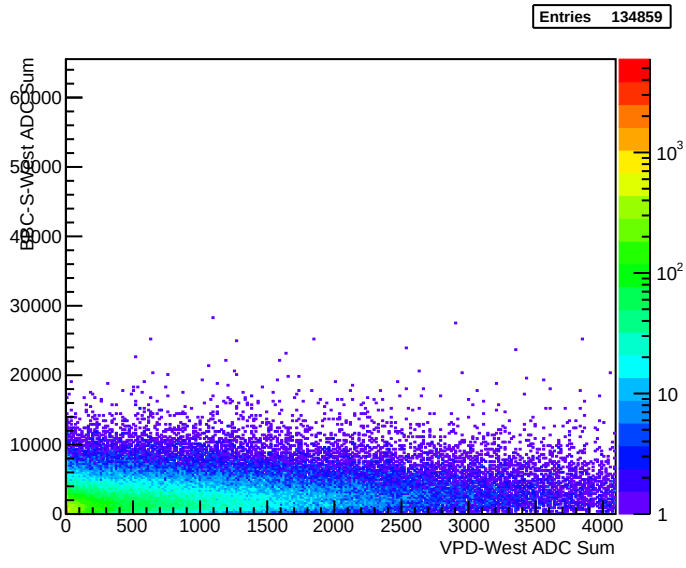

Entries 134859
TOF Mult
ZDC-East ADC Sum Att

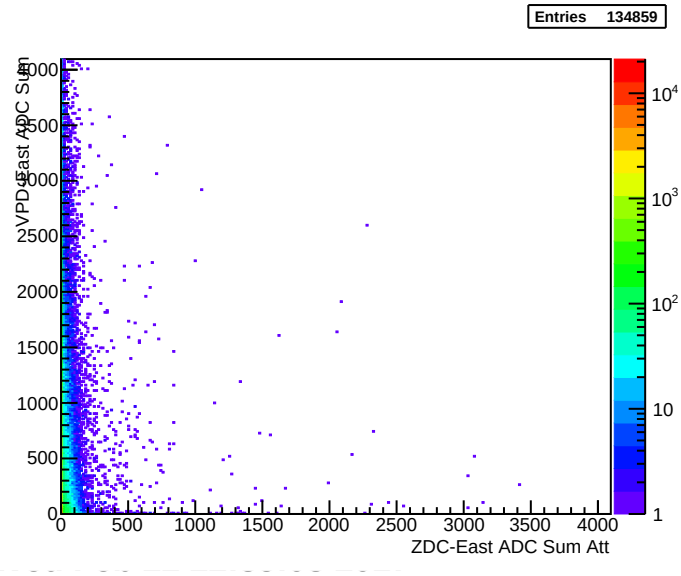

Entries 134859
TOF Mult
ZDC-West ADC Sum Att

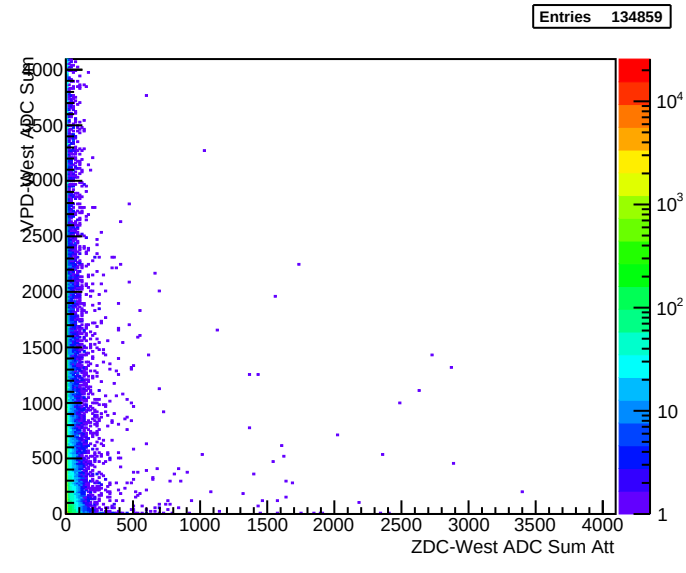

Entries 134859
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

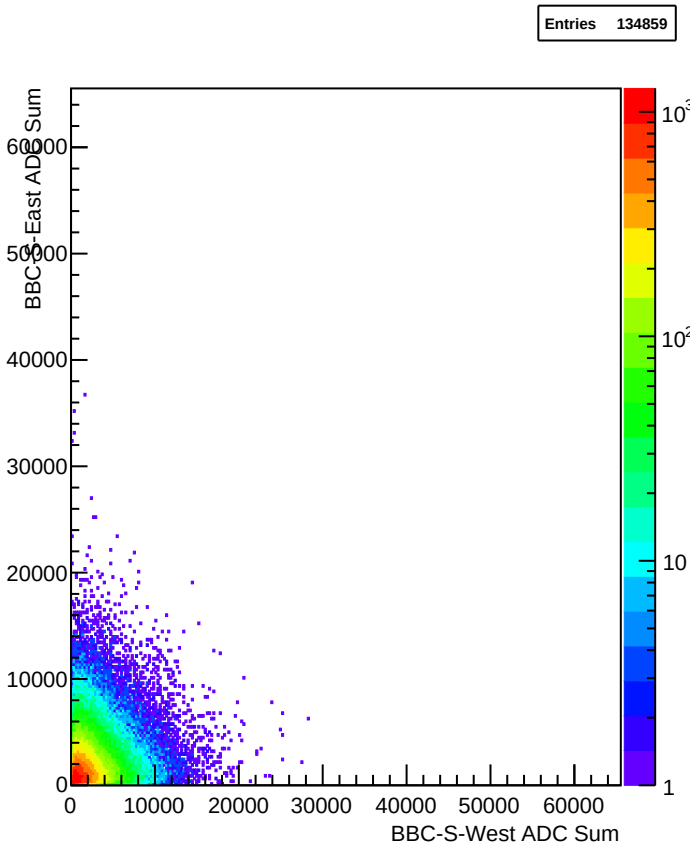

Entries 134859
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

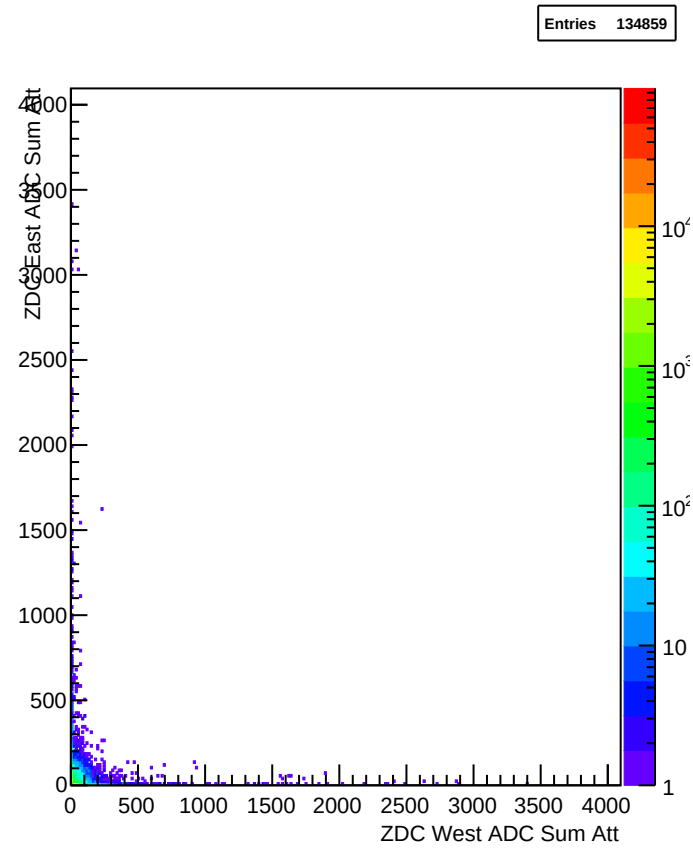

Entries 134859
BBC-S-East ADC Sum
VPD-East ADC Sum

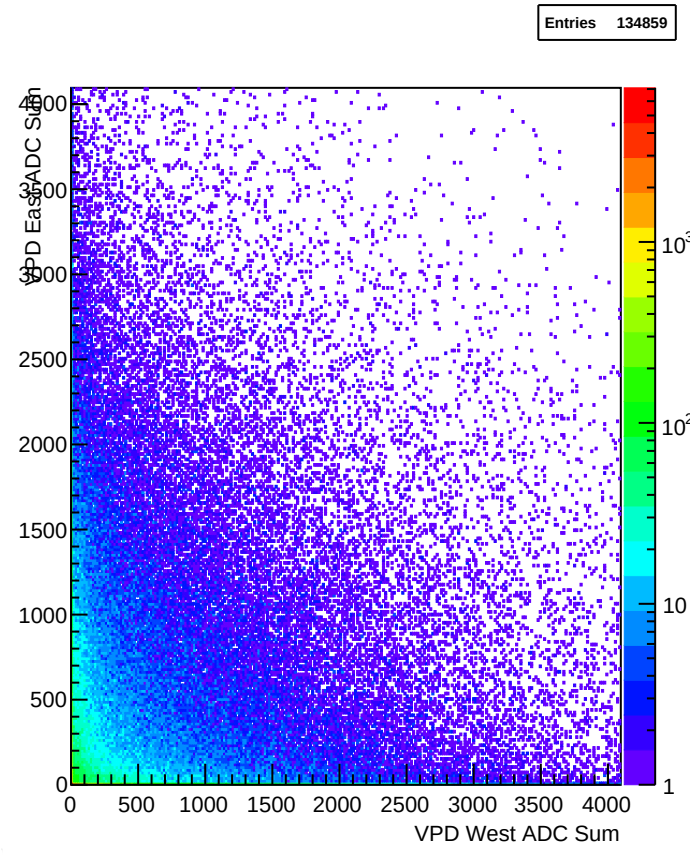

Entries 134859
BBC-S-West ADC Sum
VPD-West ADC Sum

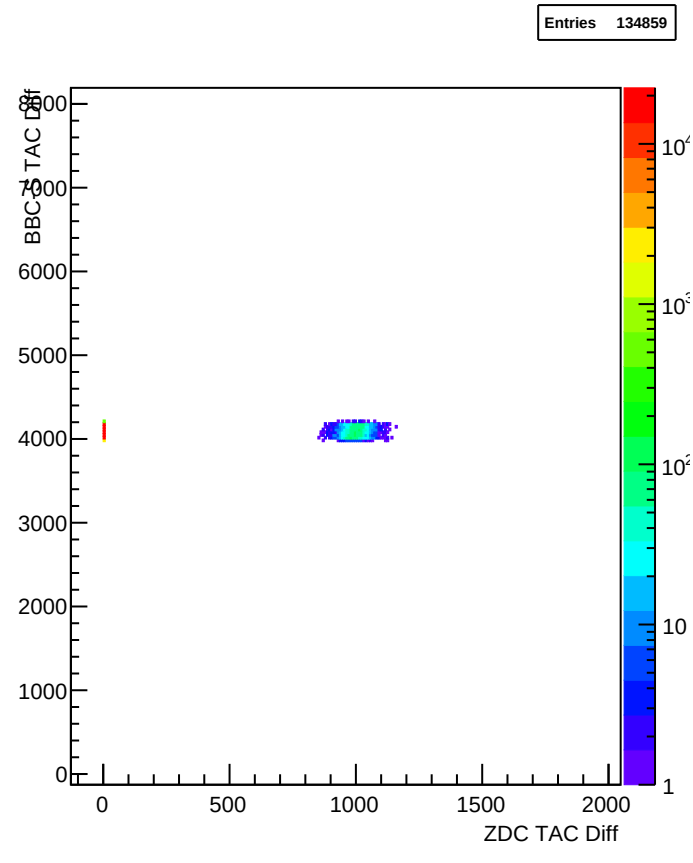

Entries 134859
VPD-East ADC Sum
ZDC-East ADC Sum Att

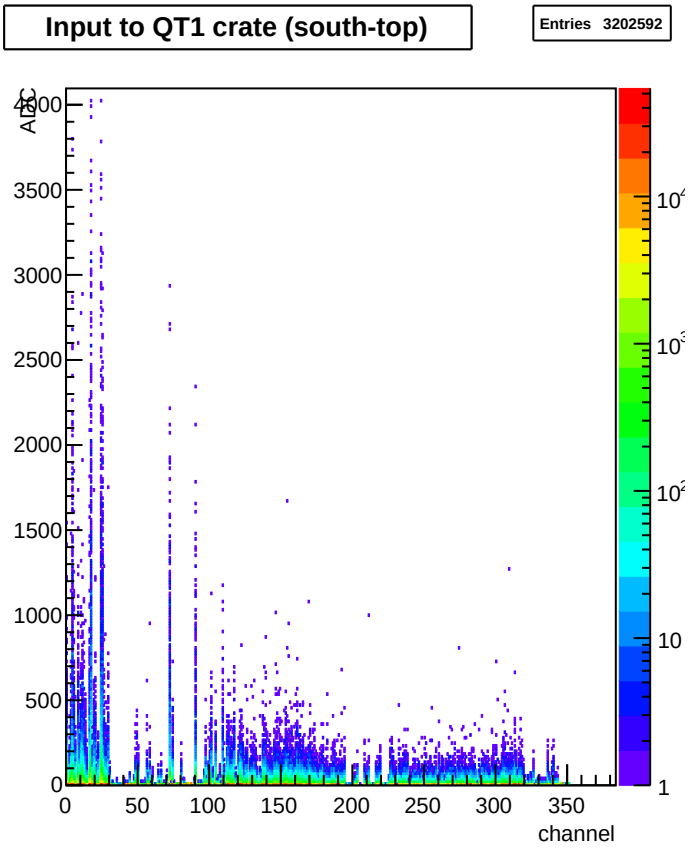

Entries 134859
VPD-West ADC Sum
ZDC-West ADC Sum Att

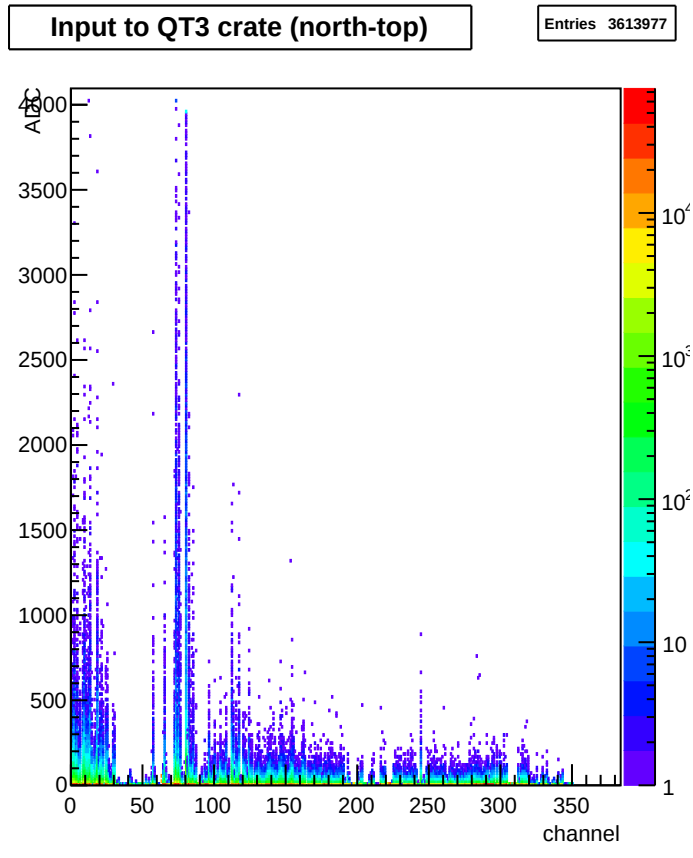

Entries 134859
BBC-S-East ADC Sum
BBC-S-West ADC Sum

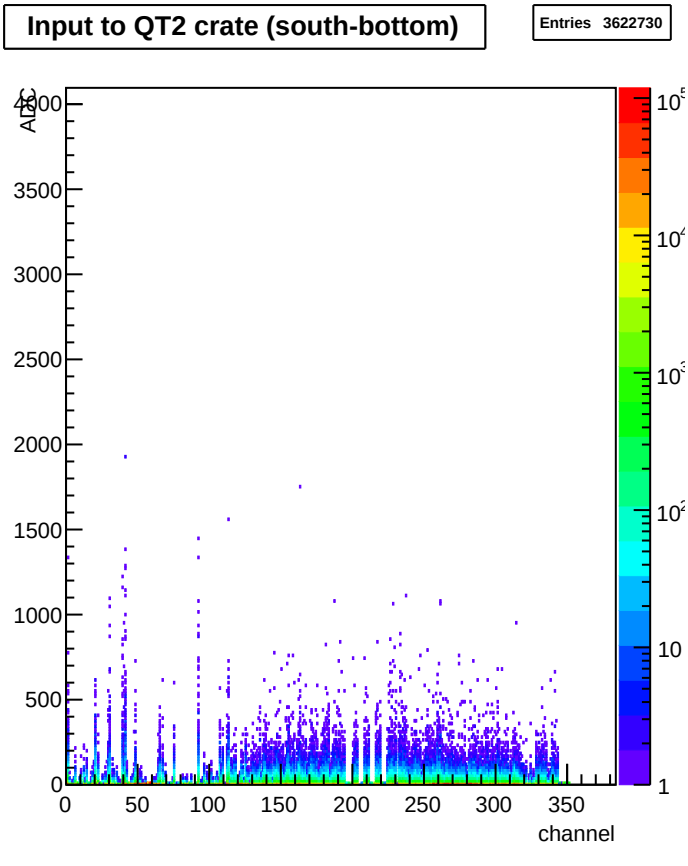

Entries 134859
ZDC East ADC Sum Att
ZDC West ADC Sum Att

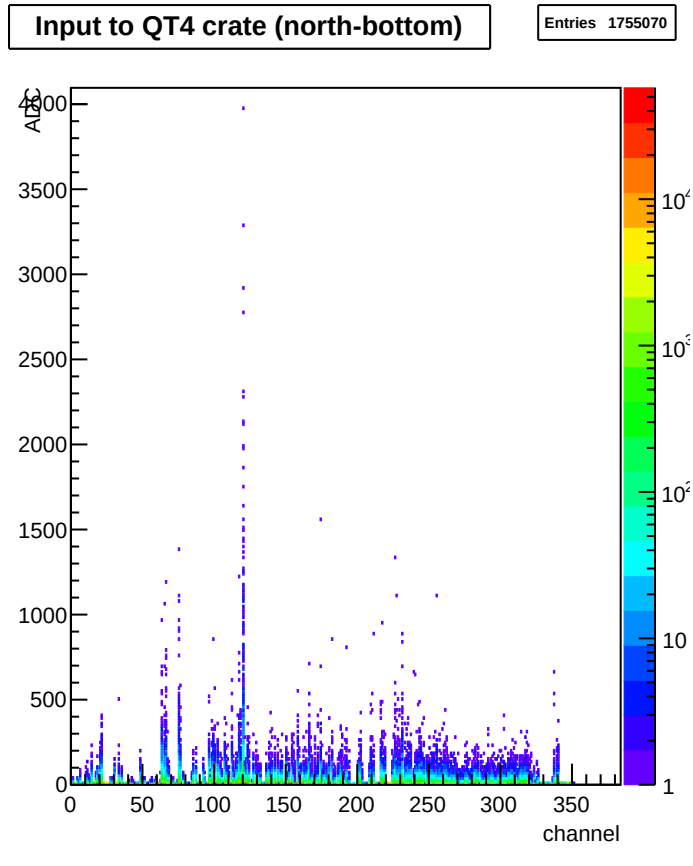

Entries 134859
VPD East ADC Sum
VPD West ADC Sum

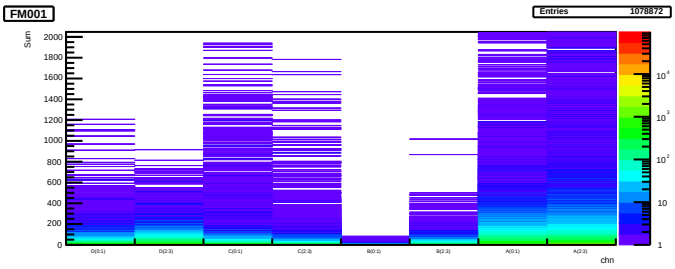

Entries 134859
BBC-S TAC Diff
ZDC TAC Diff

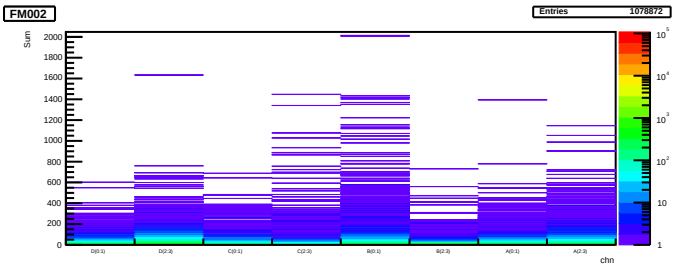

Input to QT1 crate (south-top)
Entries 3202592
ADC
channel

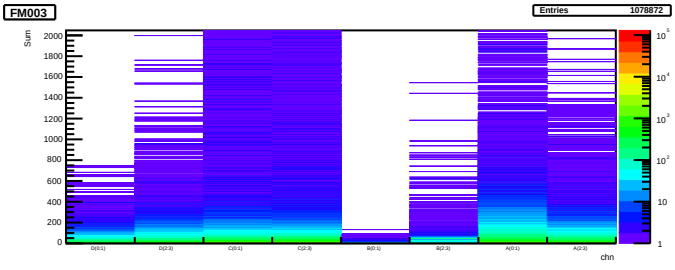

Input to QT3 crate (north-top)
Entries 3613977
ADC
channel

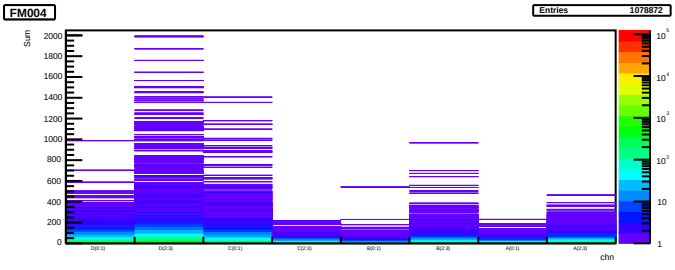

Input to QT2 crate (south-bottom)
Entries 3622730
ADC
channel

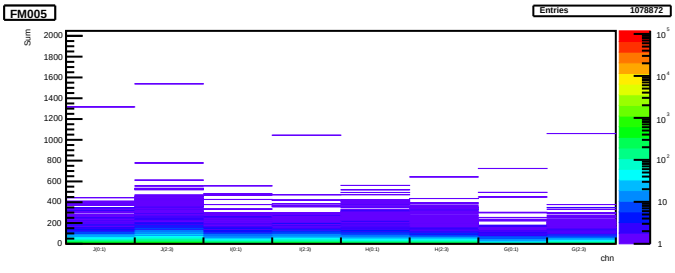

Input to QT4 crate (north-bottom)
Entries 1755070
ADC
channel

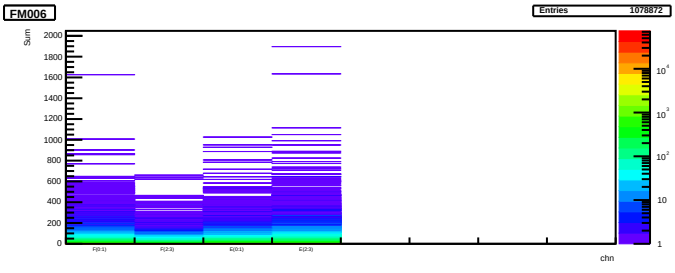

FM001
Entries 1078872
Sum
chn

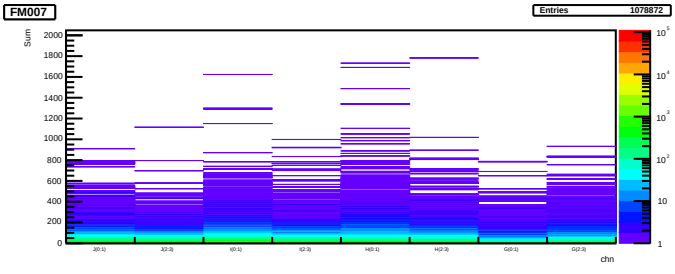

FM002
Entries 1078872
Sum
chn

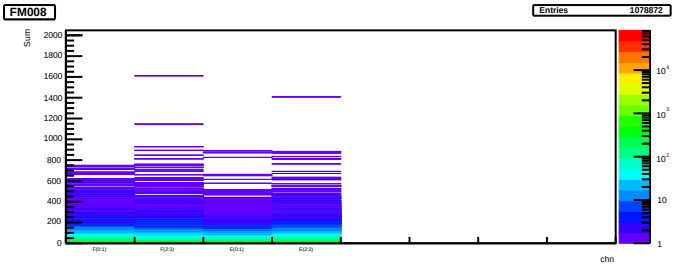

FM003
Entries 1078872
Sum
chn

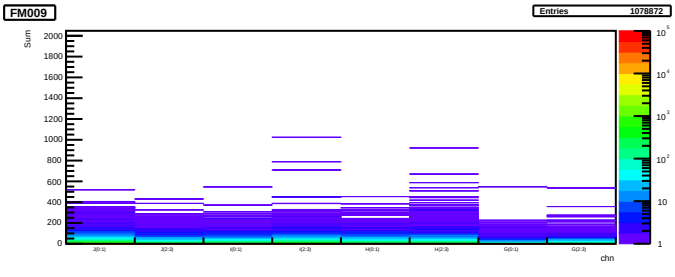

FM004
Entries 1078872
Sum
chn

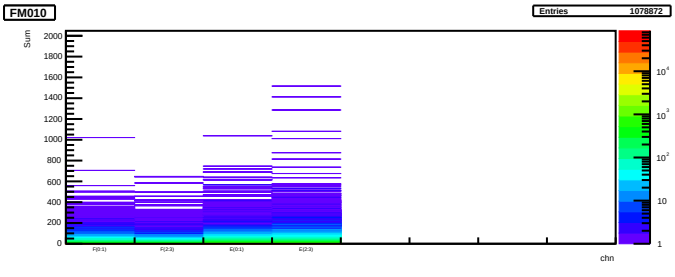

FM005
Entries 1078872
Sum
chn

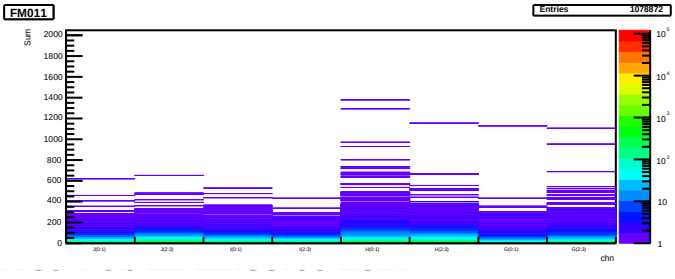

FM006
Entries 1078872
Sum
chn

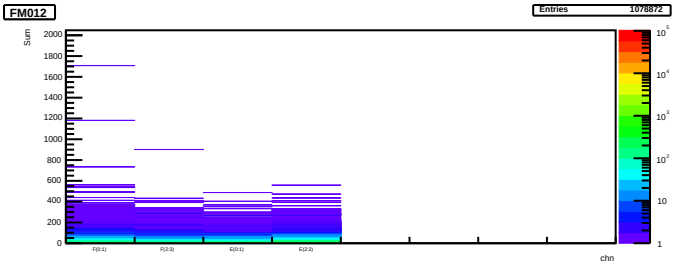

FM007
Entries 1078872
Sum
chn

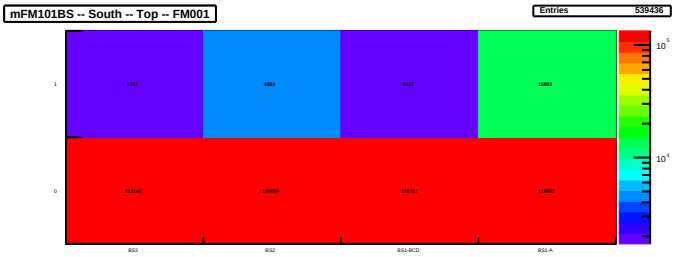

FM008
Entries 1078872
Sum
chn

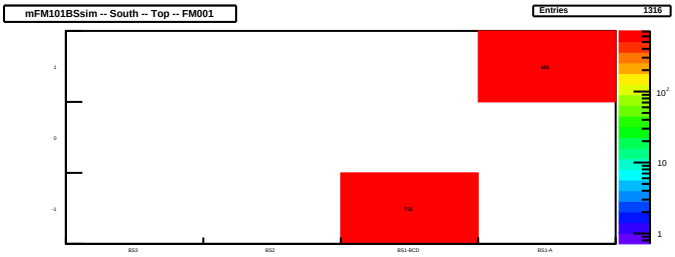

FM009
Entries 1078872
Sum
chn

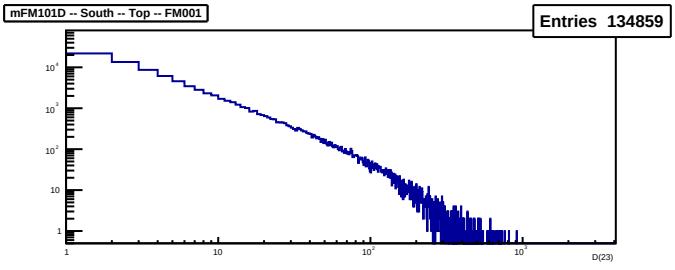

FM010
Entries 1078872
Sum
chn

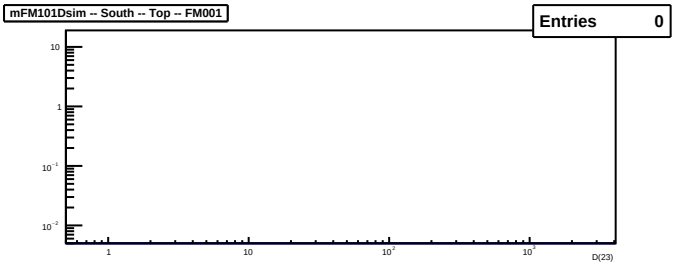

FM011
Entries 1078872
Sum
chn

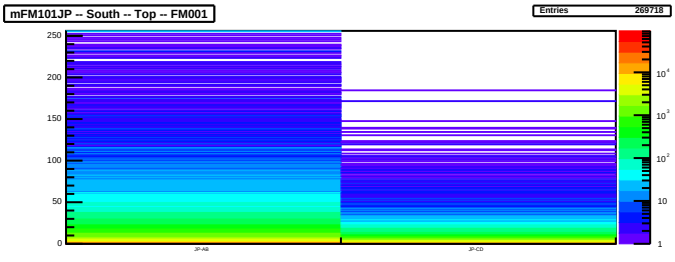

FM012
Entries 1078872
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 539436

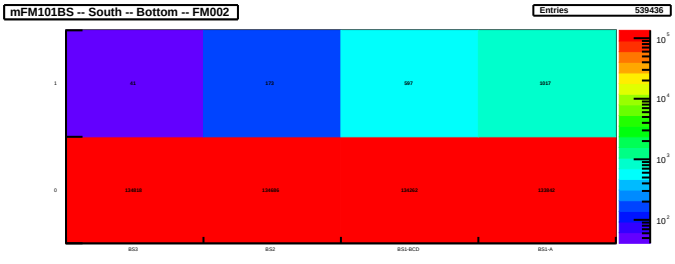

mFM101BSsim -- South -- Top -- FM001
Entries 1316

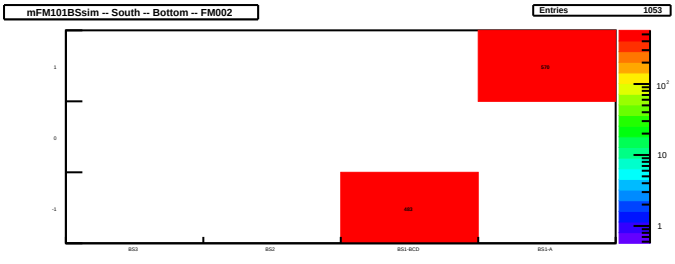

mFM101D -- South -- Top -- FM001
Entries 134859
D(23)

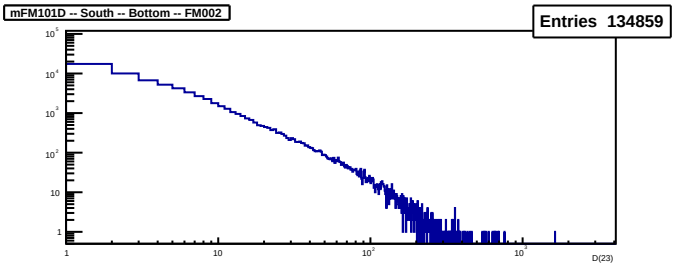

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

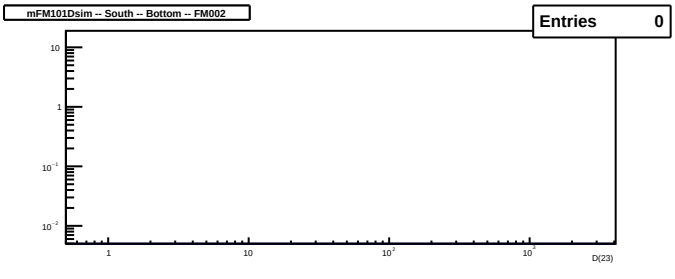

mFM101JP -- South -- Top -- FM001
Entries 269718

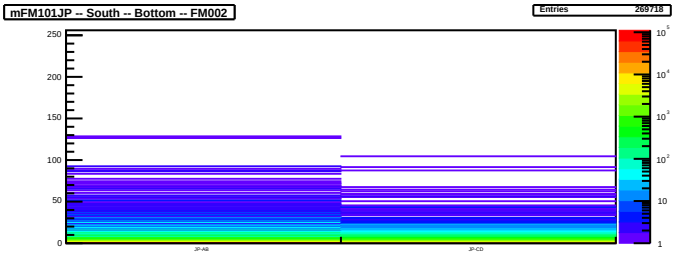
mFM101JPsim -- South -- Top -- FM001
Entries 0

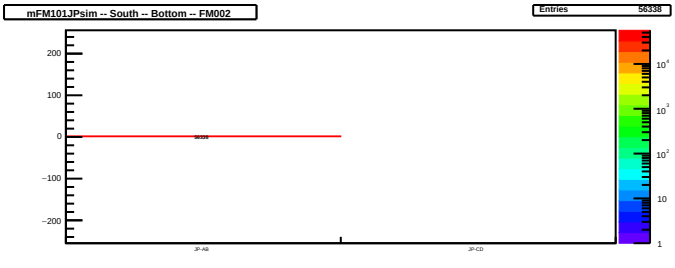

mFM101BS -- South -- Bottom -- FM002
Entries 539436

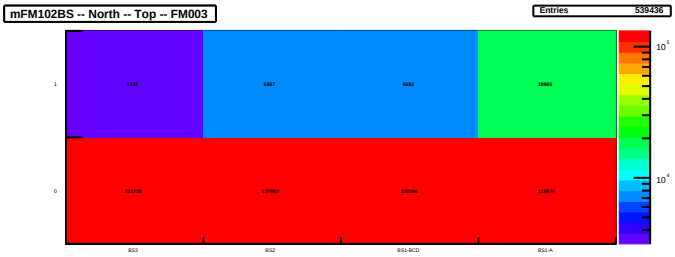

mFM101BSsim -- South -- Bottom -- FM002
Entries 1053

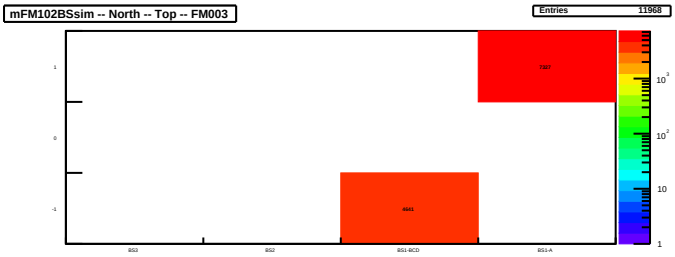

mFM101D -- South -- Bottom -- FM002
Entries 134859
D(23)

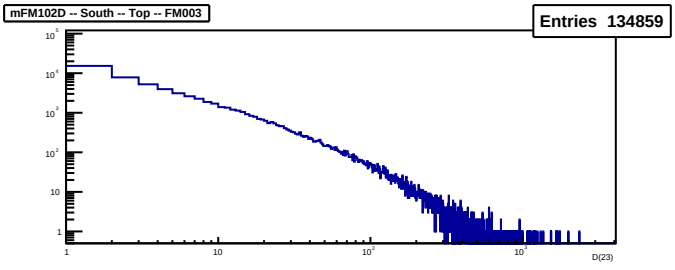

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

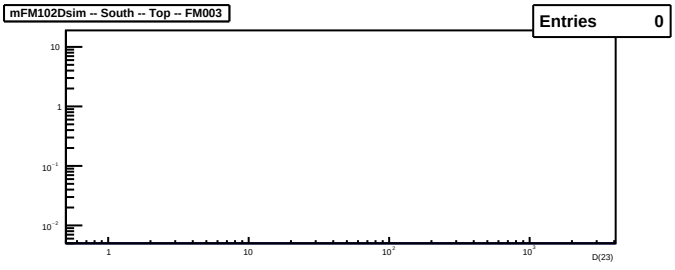

mFM101JP -- South -- Bottom -- FM002
Entries 269718


mFM101JPsim -- South -- Bottom -- FM002
Entries 56338


mFM102BS -- North -- Top -- FM003
Entries 539436
3135
6957
6693
16985
131720
127992
128164
115874
BS3
BS2
BS1-BCD
BS1-A


mFM102BSsim -- North -- Top -- FM003
Entries 11968
7327
4641
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Top -- FM003
Entries 134859
D(23)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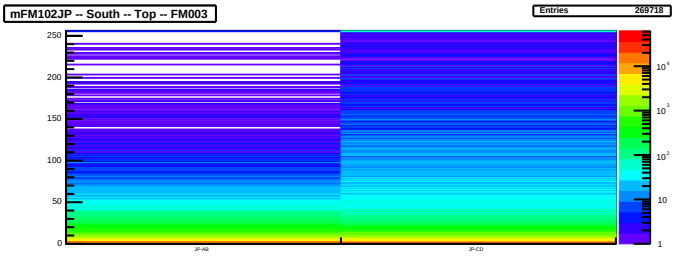
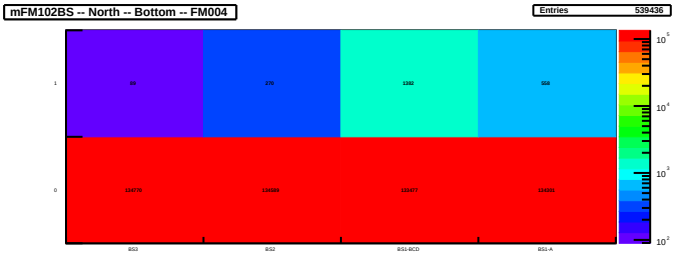
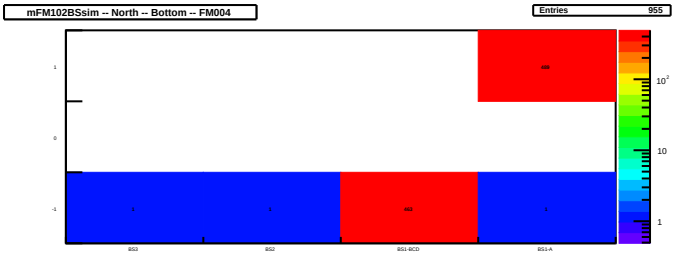
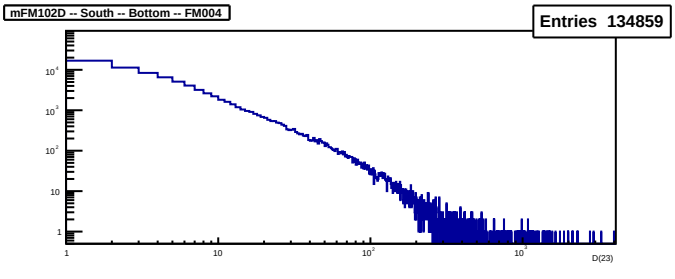
Entries 0
D(23)

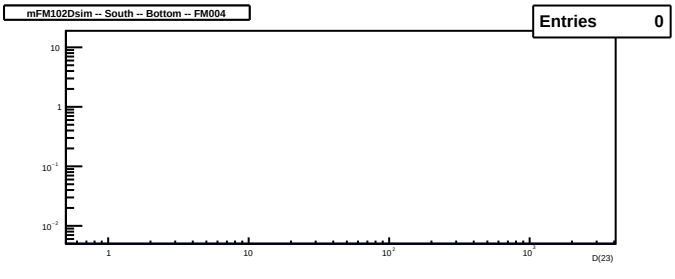

mFM102JP -- South -- Top -- FM003
Entries 269718
JP-AB
JP-CD

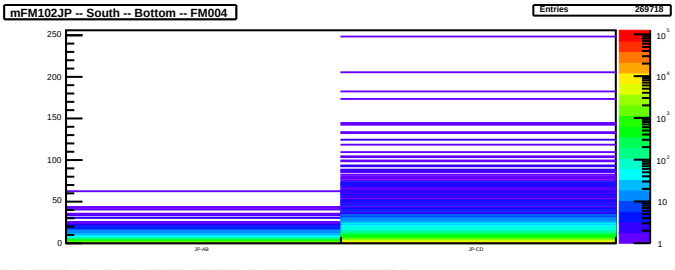
mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD

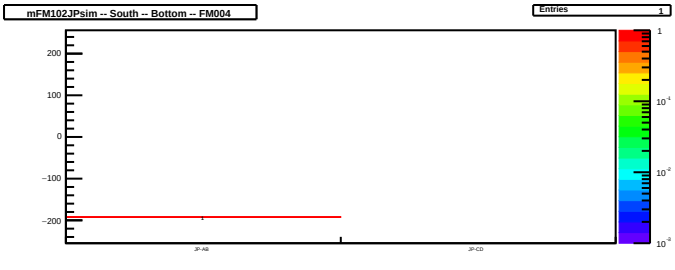

mFM102BS -- North -- Bottom -- FM004
Entries 539436
89
270
1382
958
134770
134599
133477
134331
BS3
BS2
BS1-BCD
BS1-A

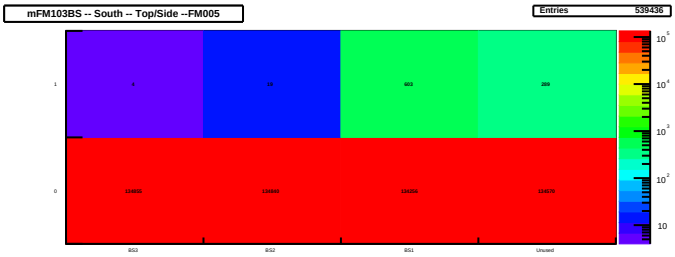

mFM102BSsim -- North -- Bottom -- FM004
Entries 955
489
1
1
463
1
BS3
BS2
BS1-BCD
BS1-A

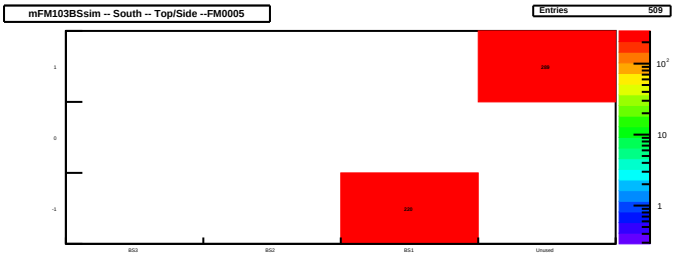

mFM102D -- South -- Bottom -- FM004
Entries 134859
D(23)

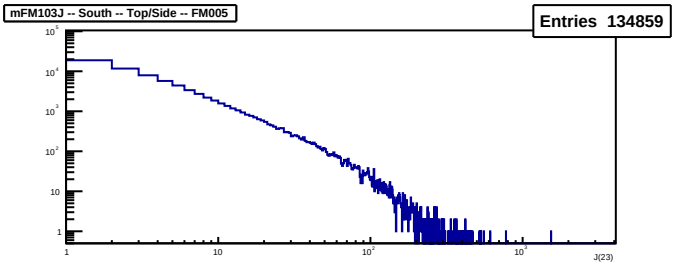

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

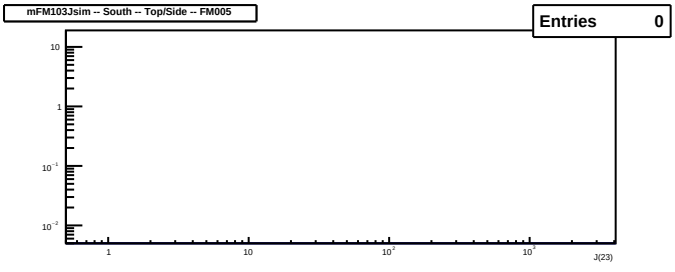

mFM102JP -- South -- Bottom -- FM004
Entries 269718
JP-AB
JP-CD

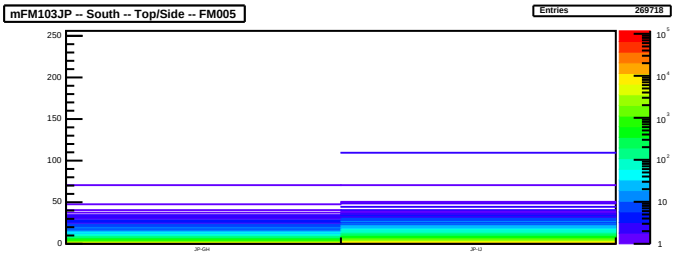

mFM102JPsim -- South -- Bottom -- FM004
Entries 1
JP-AB
JP-CD

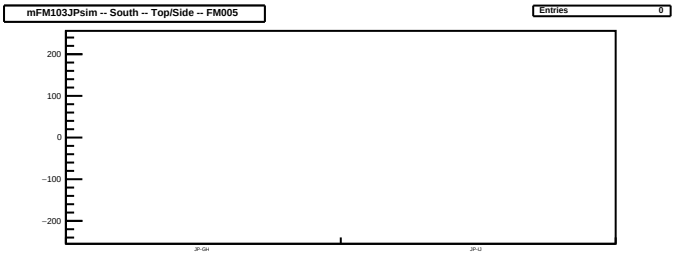

mFM103BS -- South -- Top/Side --FM005
Entries 539436
BS3
BS2
BS1
Unused

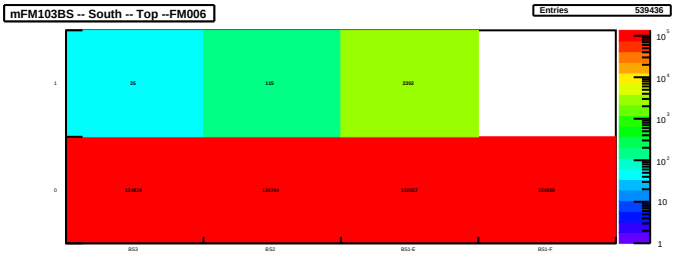

mFM103BSsim -- South -- Top/Side --FM0005
Entries 509
BS3
BS2
BS1
Unused

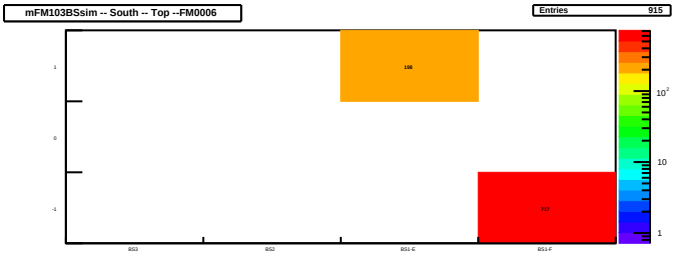

mFM103J -- South -- Top/Side -- FM005
Entries 134859
J(23)

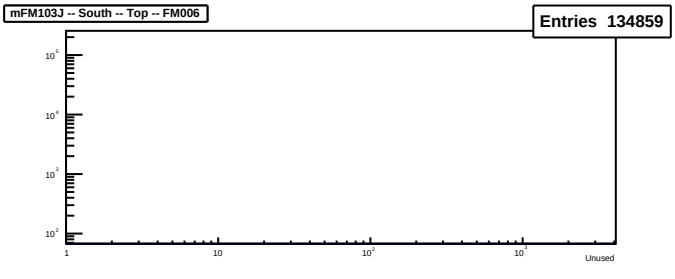

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

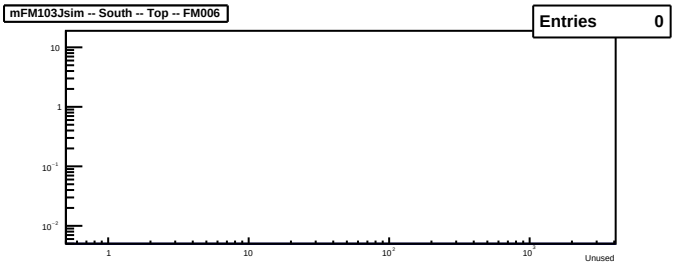

mFM103JP -- South -- Top/Side -- FM005
Entries 269718
JP-GH
JP-IJ

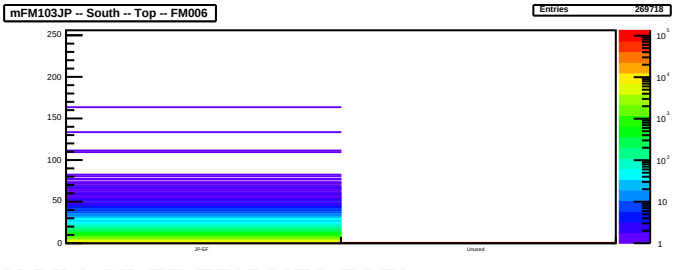

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ

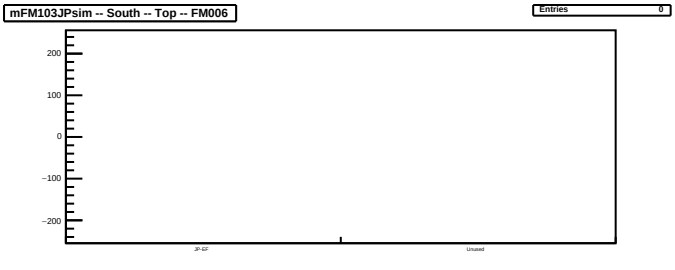

mFM103BS -- South -- Top --FM006
Entries 539436
BS3
BS2
BS1-E
BS1-F

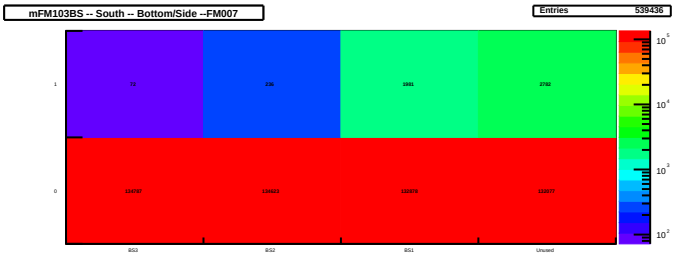

mFM103BSsim -- South -- Top --FM0006
Entries 915
BS3
BS2
BS1-E
BS1-F

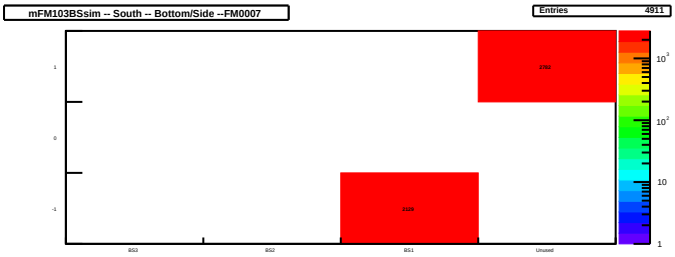

mFM103J -- South -- Top -- FM006
Entries 134859
Unused

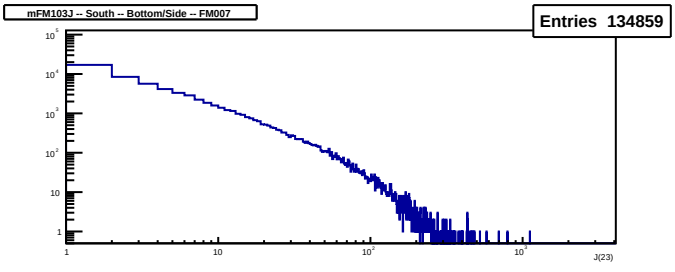

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

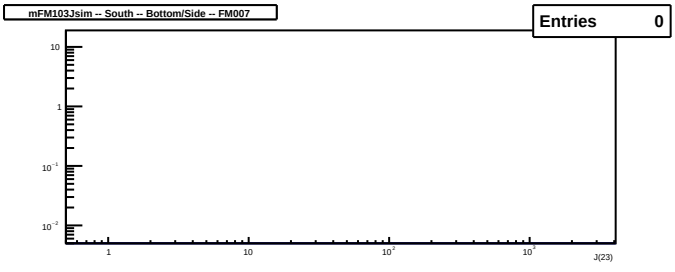

mFM103JP -- South -- Top -- FM006
Entries 269718
JP-EF
Unused

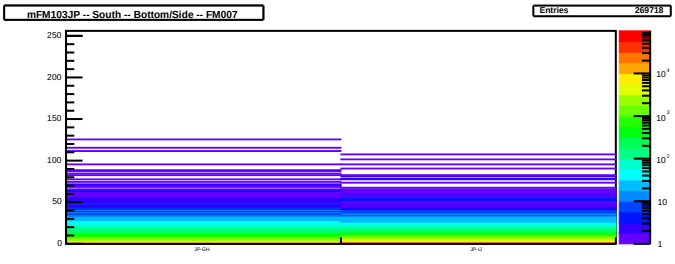

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

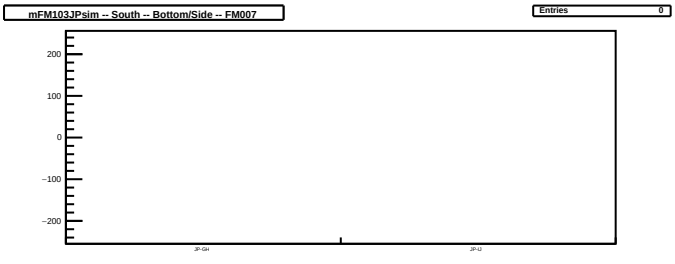

mFM103BS -- South -- Bottom/Side --FM007
Entries 539436
72
236
1981
2782
134767
134421
132876
132877
BS3
BS2
BS1
Unused

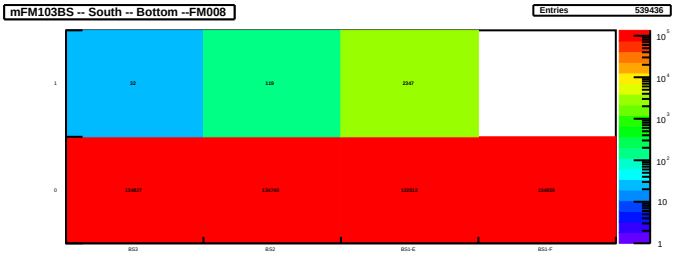

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 4911
2782
2129
BS3
BS2
BS1
Unused

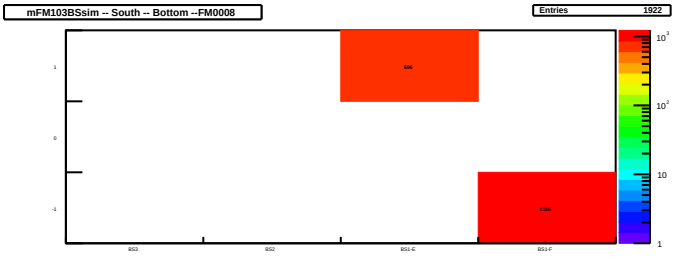

mFM103J -- South -- Bottom/Side -- FM007
Entries 134859
J(23)

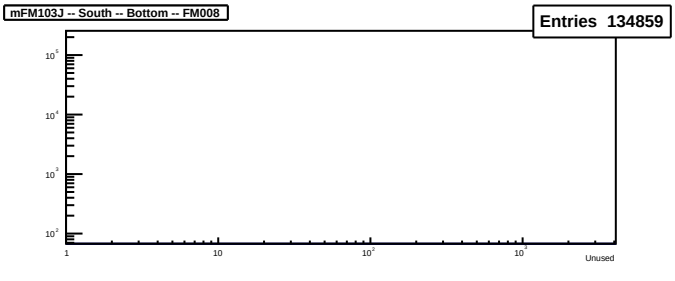

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

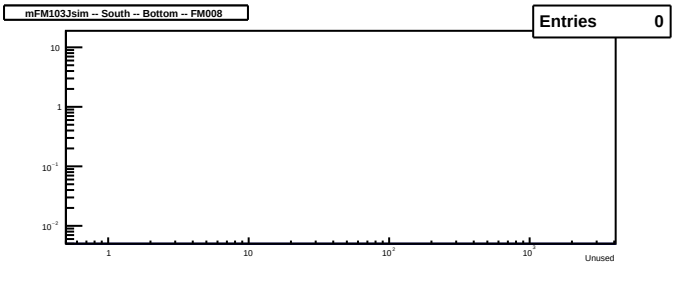

mFM103JP -- South -- Bottom/Side -- FM007
Entries 269718
JP-GH
JP-IJ

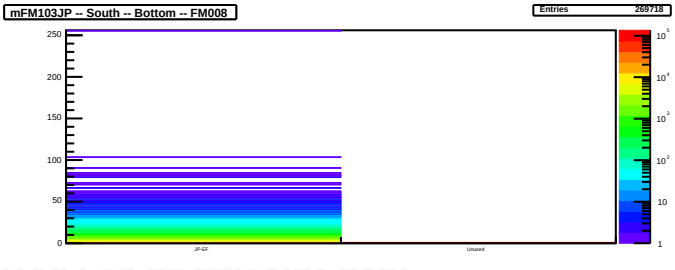

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ

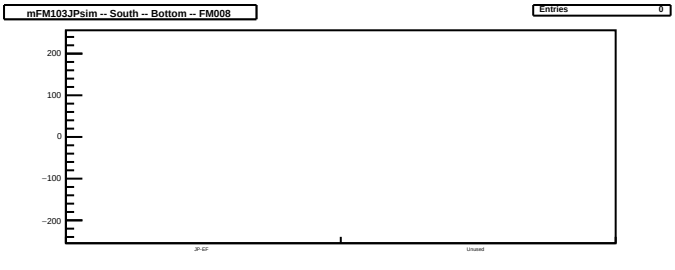

mFM103BS -- South -- Bottom --FM008
Entries 539436
32
119
2347
134827
134740
132512
134859
BS3
BS2
BS1-E
BS1-F

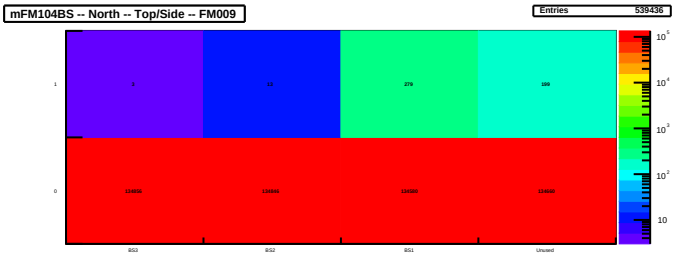

mFM103BSsim -- South -- Bottom --FM0008
Entries 1922
696
1226
BS3
BS2
BS1-E
BS1-F

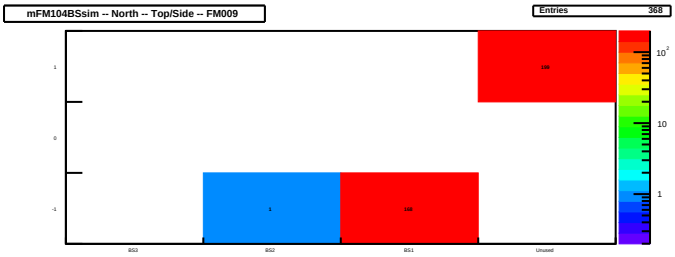

mFM103J -- South -- Bottom -- FM008
Entries 134859
Unused

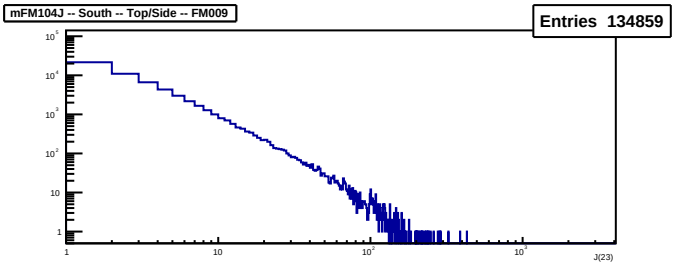

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

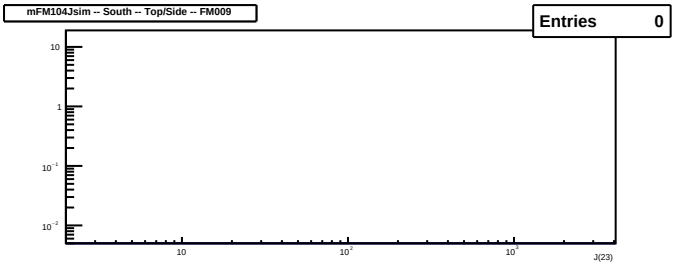

mFM103JP -- South -- Bottom -- FM008
Entries 269718
JP-EF
Unused

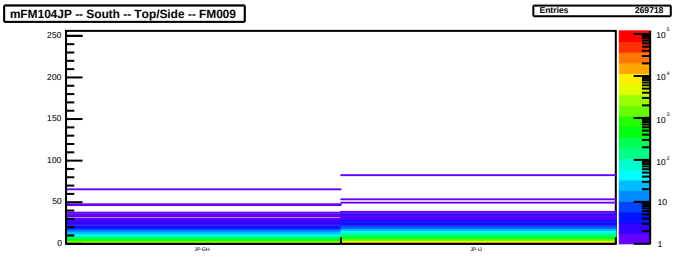

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

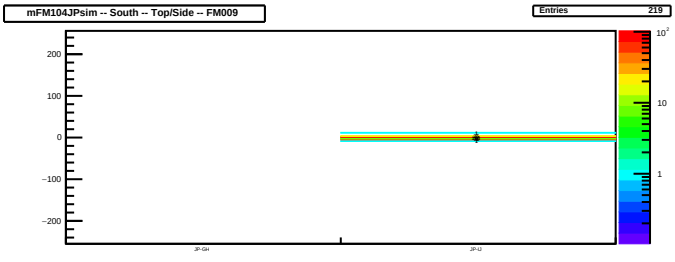

mFM104BS -- North -- Top/Side -- FM009
Entries 539436

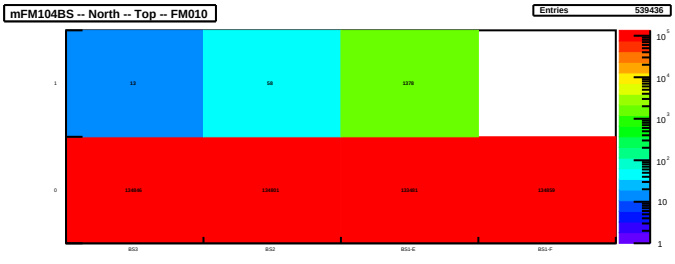

mFM104BSsim -- North -- Top/Side -- FM009
Entries 368

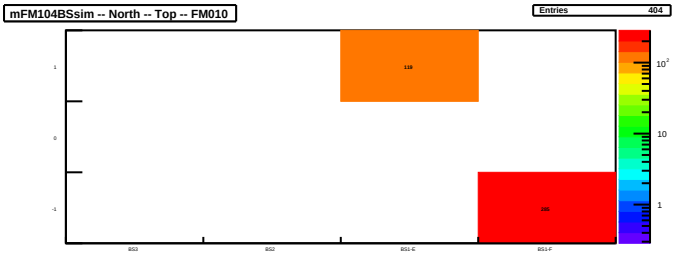

mFM104J -- South -- Top/Side -- FM009
Entries 134859
J(23)

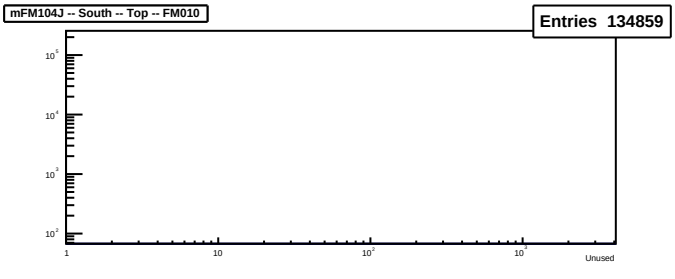

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

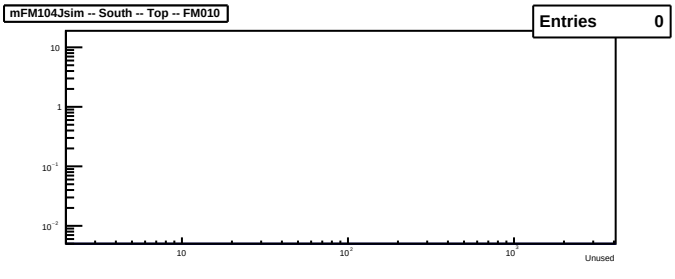

mFM104JP -- South -- Top/Side -- FM009
Entries 269718

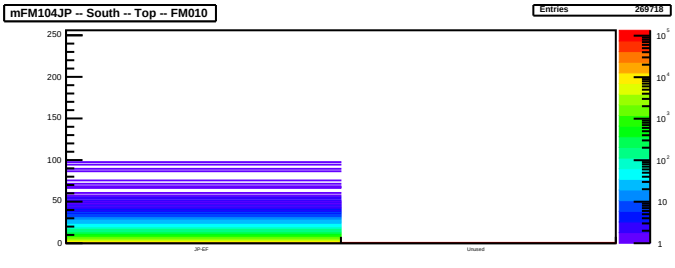

mFM104JPsim -- South -- Top/Side -- FM009
Entries 219

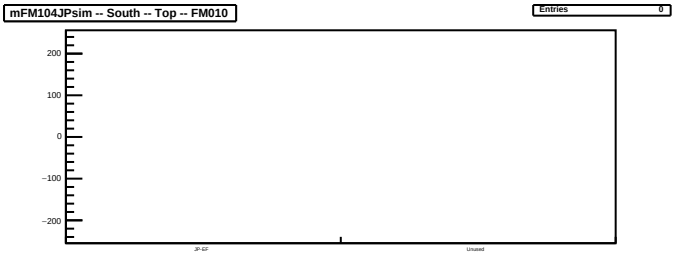

mFM104BS -- North -- Top -- FM010
Entries 539436

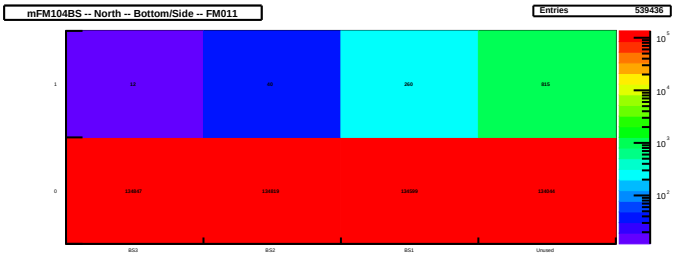

mFM104BSsim -- North -- Top -- FM010
Entries 404

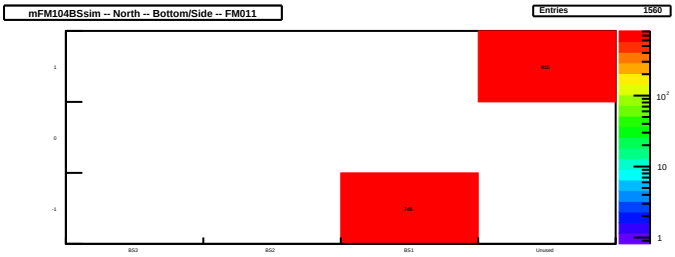

mFM104J -- South -- Top -- FM010
Entries 134859
Unused

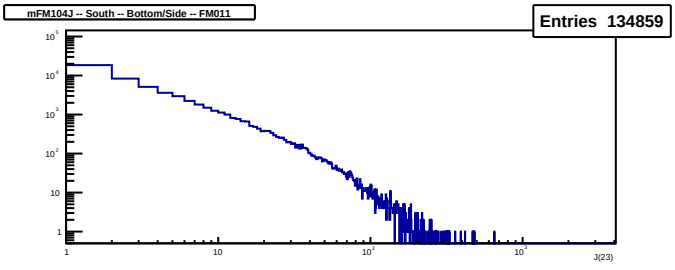

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

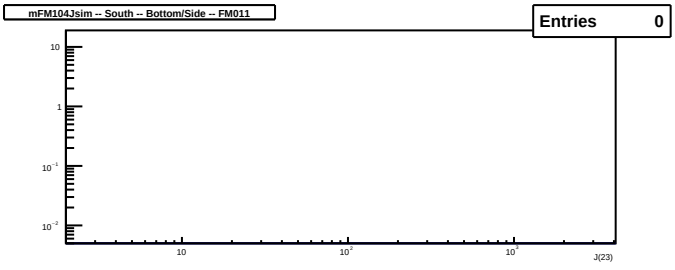

mFM104JP -- South -- Top -- FM010
Entries 269718

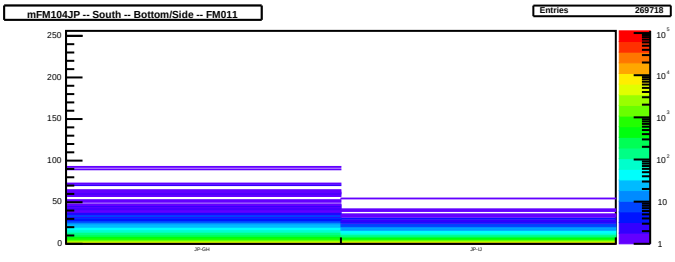

mFM104JPsim -- South -- Top -- FM010
Entries 0

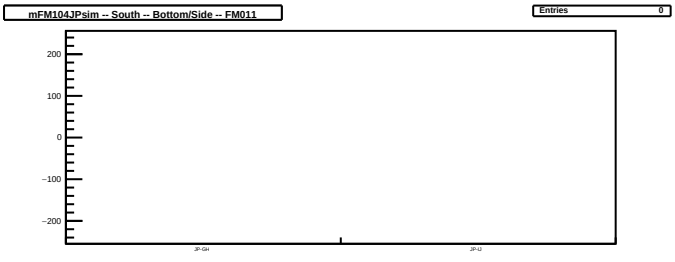

mFM104BS -- North -- Bottom/Side -- FM011
Entries 539436
12
40
260
815
134847
134819
134596
134044
BS3
BS2
BS1
Unused

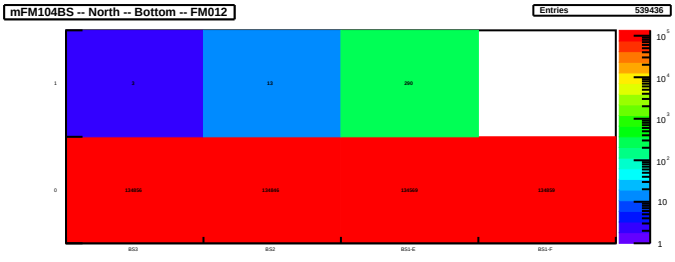

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1560
815
745
BS3
BS2
BS1
Unused

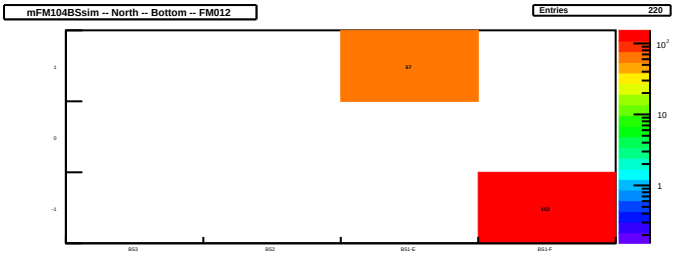

mFM104J -- South -- Bottom/Side -- FM011
Entries 134859
J(23)

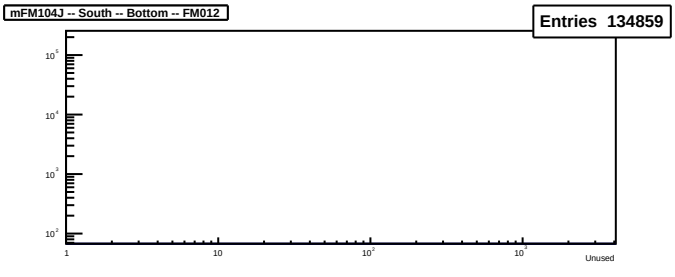

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

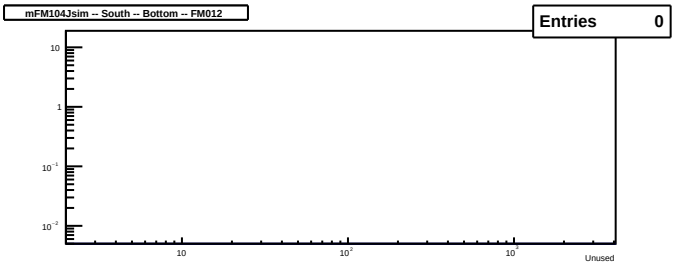

mFM104JP -- South -- Bottom/Side -- FM011
Entries 269718
JP-GH
JP-U

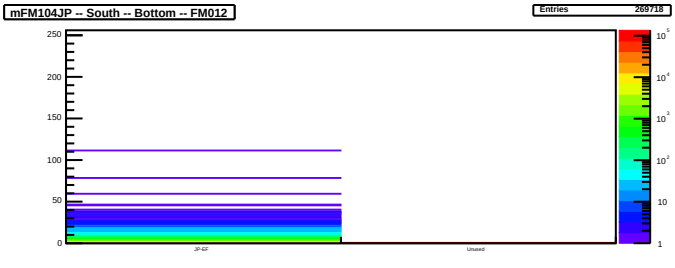

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-U


mFM104BS -- North -- Bottom -- FM012
Entries 539436
1
13
260
134856
134841
134569
134059
BS3
BS2
BS1-E
BS1-F

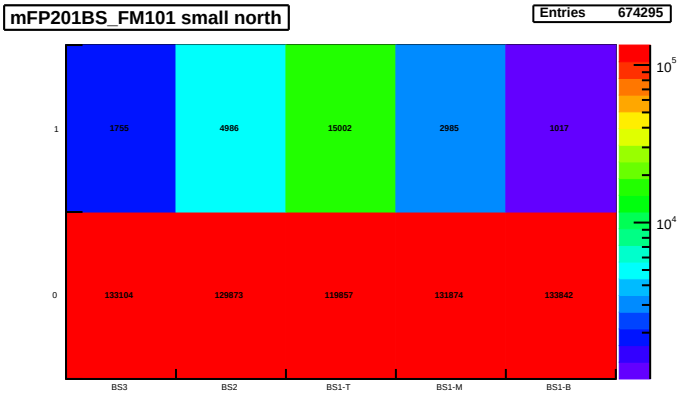

mFM104BSsim -- North -- Bottom -- FM012
Entries 220
67
153
BS3
BS2
BS1-E
BS1-F

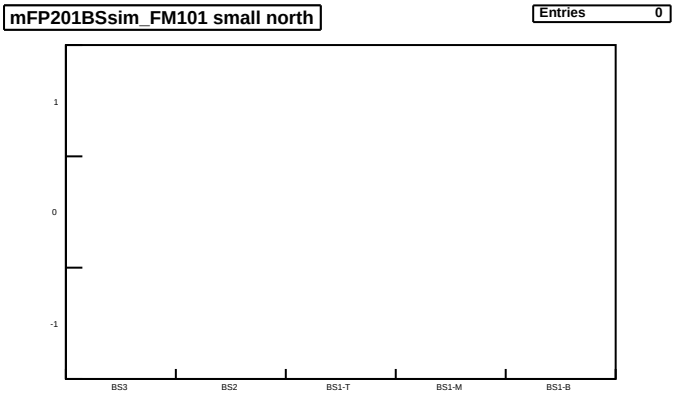

mFM104J -- South -- Bottom -- FM012
Entries 134859
Unused

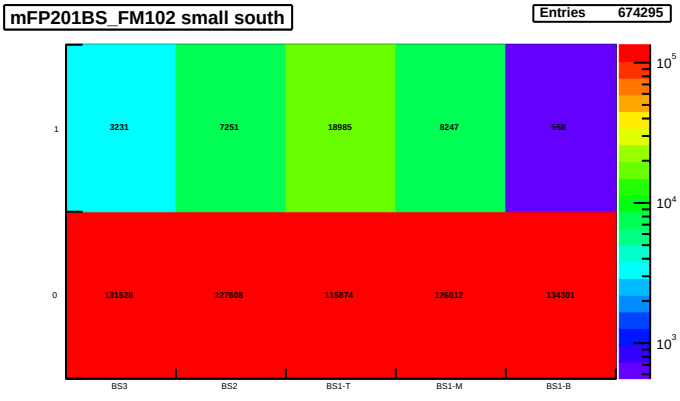

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

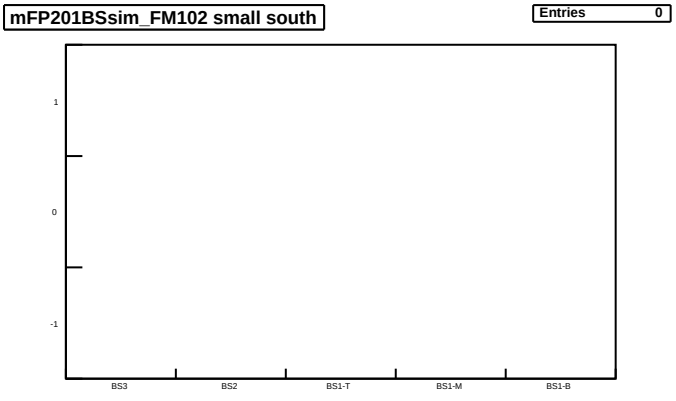

mFM104JP -- South -- Bottom -- FM012
Entries 269718
JP-EF
Unused

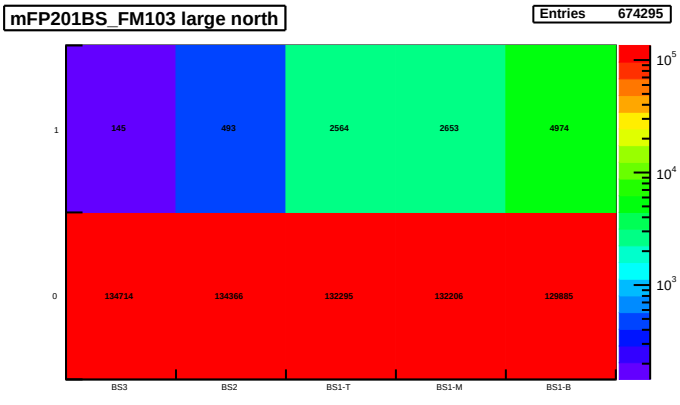
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

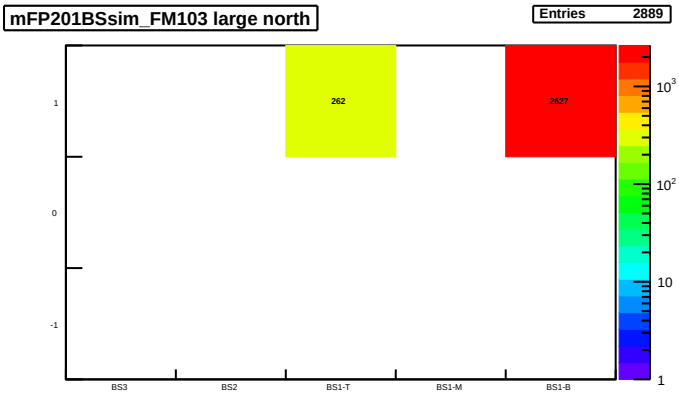

mFP201BS_FM101 small north
Entries 674295
1755
4986
15002
2985
1017
133104
129873
119857
131874
133842
BS3
BS2
BS1-T
BS1-M
BS1-B

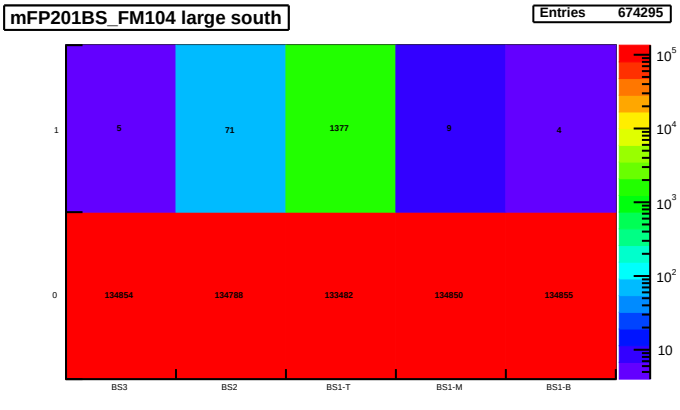

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

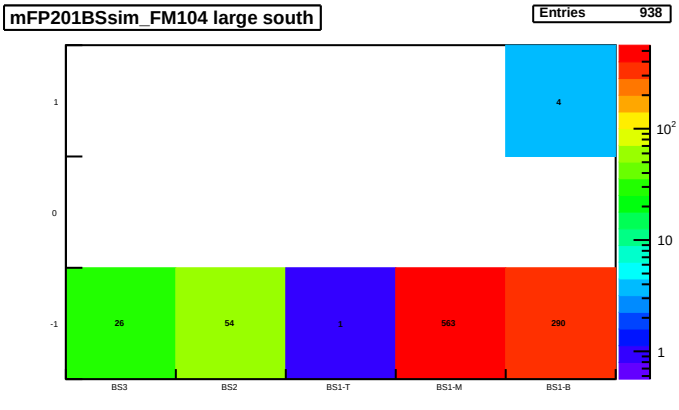

mFP201BS_FM102 small south
Entries 674295
3231
7251
18985
8247
558
131628
127608
115874
126612
134301
BS3
BS2
BS1-T
BS1-M
BS1-B

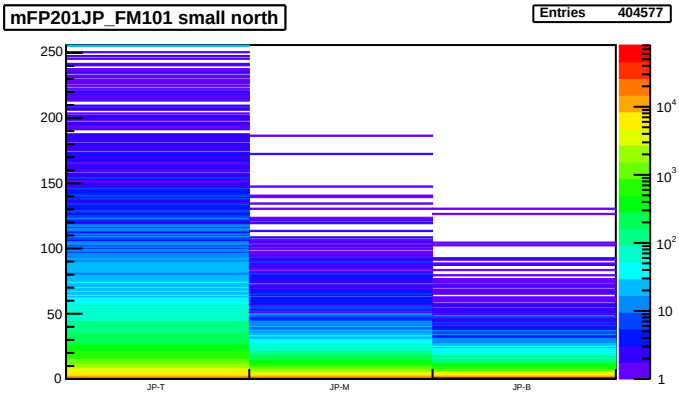

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

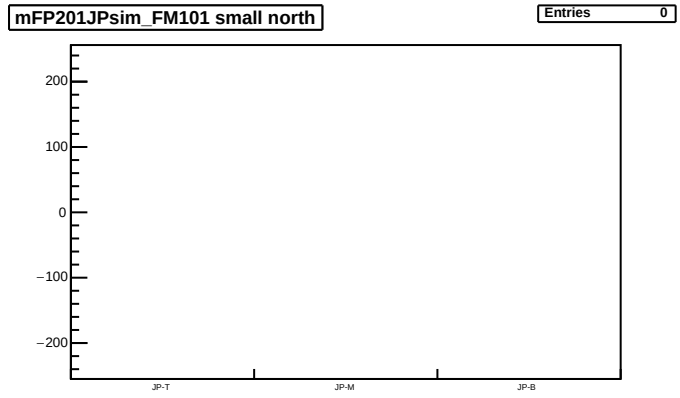

mFP201BS_FM103 large north
Entries 674295
145
493
2564
2653
4974
134714
134366
132295
132206
129885
BS3
BS2
BS1-T
BS1-M
BS1-B

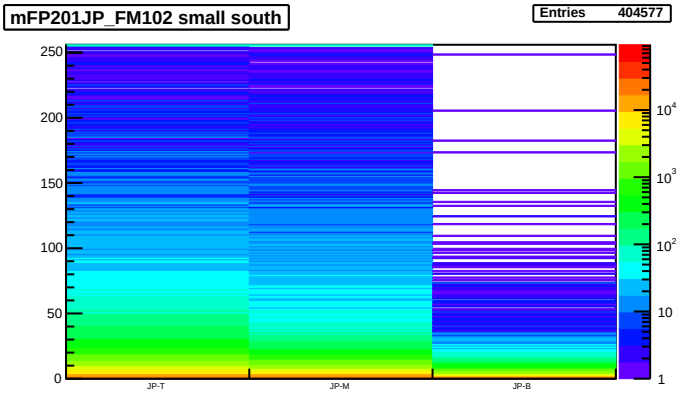

mFP201BSsim_FM103 large north
Entries 2889
262
2627
BS3
BS2
BS1-T
BS1-M
BS1-B

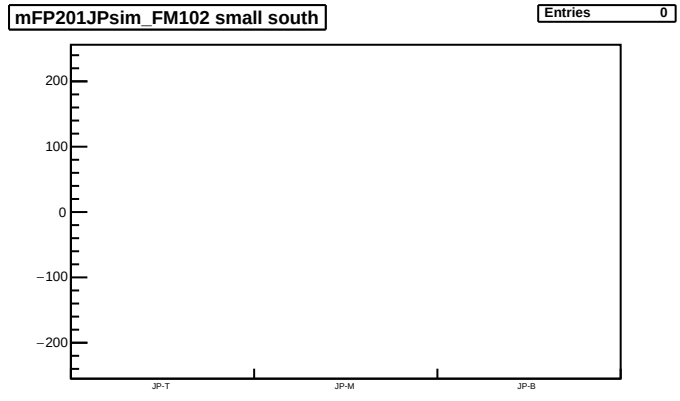

mFP201BS_FM104 large south
Entries 674295
5
71
1377
9
4
134854
134788
133482
134850
134855
BS3
BS2
BS1-T
BS1-M
BS1-B

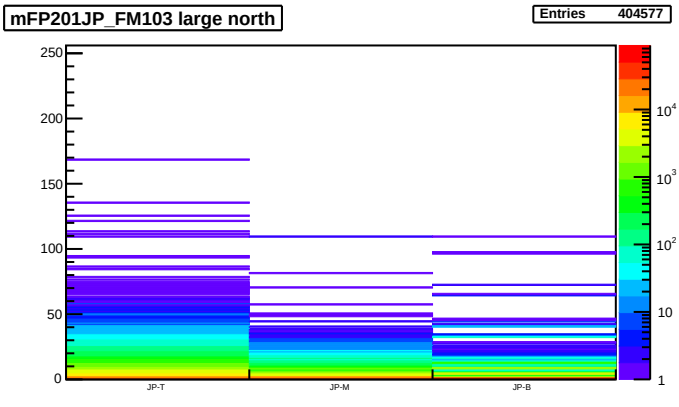

mFP201BSsim_FM104 large south
Entries 938
4
26
54
1
563
290
BS3
BS2
BS1-T
BS1-M
BS1-B

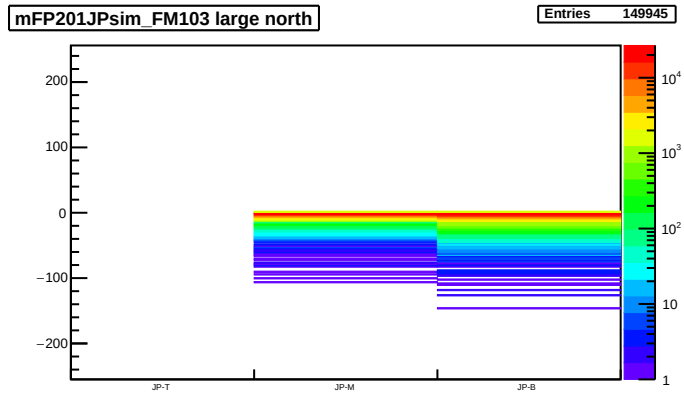

mFP201JP_FM101 small north
Entries 404577
JP-T
JP-M
JP-B

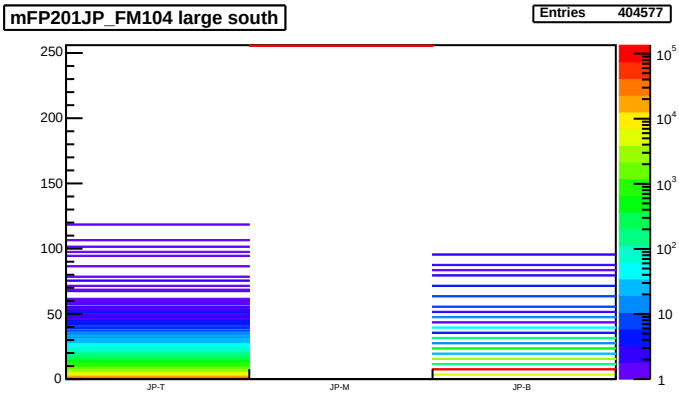

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

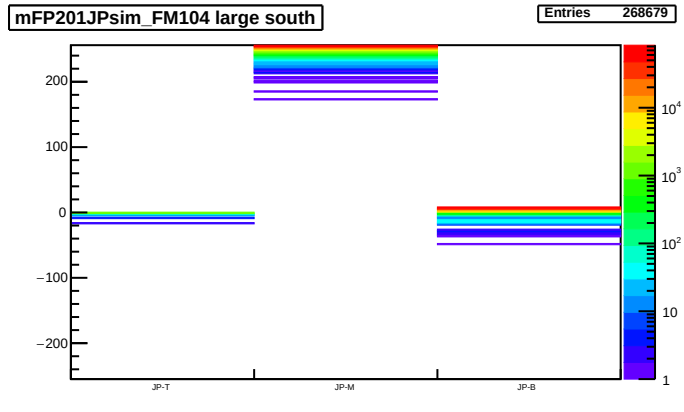

mFP201JP_FM102 small south
Entries 404577
JP-T
JP-M
JP-B

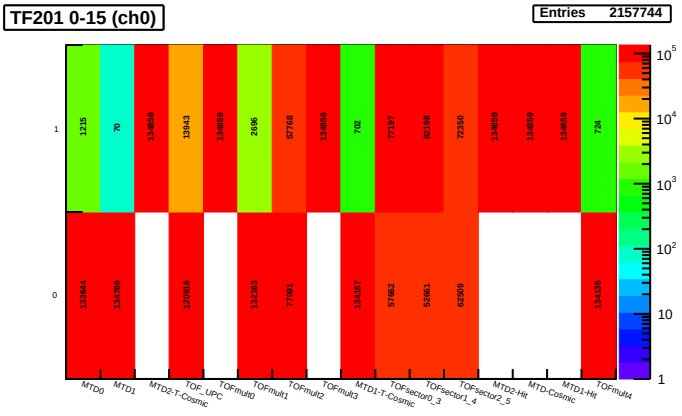

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

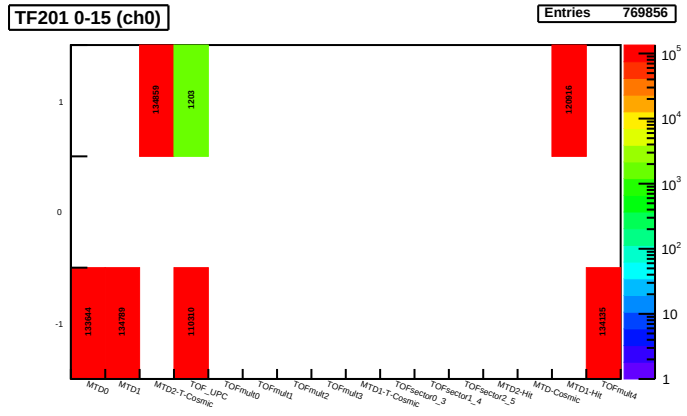

mFP201JP_FM103 large north
Entries 404577
JP-T
JP-M
JP-B

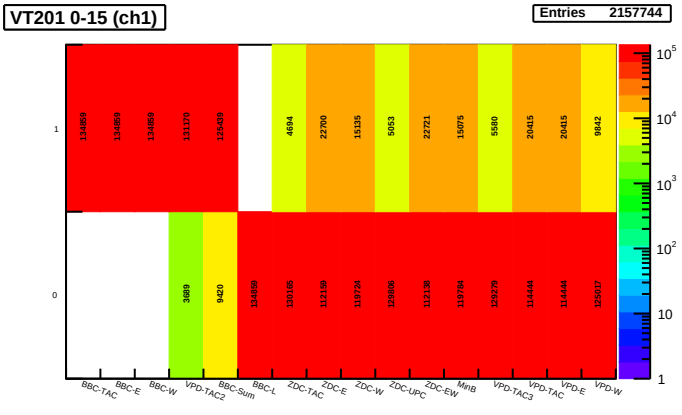

mFP201JPsim_FM103 large north
Entries 149945
JP-T
JP-M
JP-B

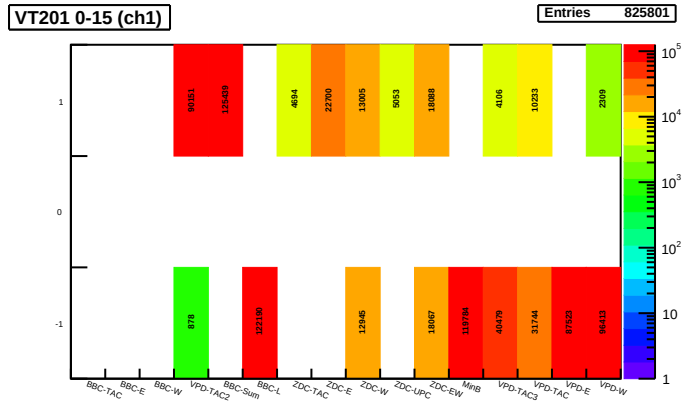

mFP201JP_FM104 large south
Entries 404577
JP-T
JP-M
JP-B

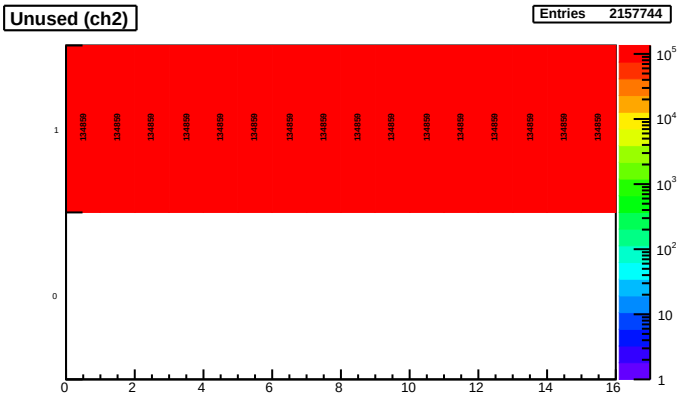

mFP201JPsim_FM104 large south
Entries 268679
JP-T
JP-M
JP-B

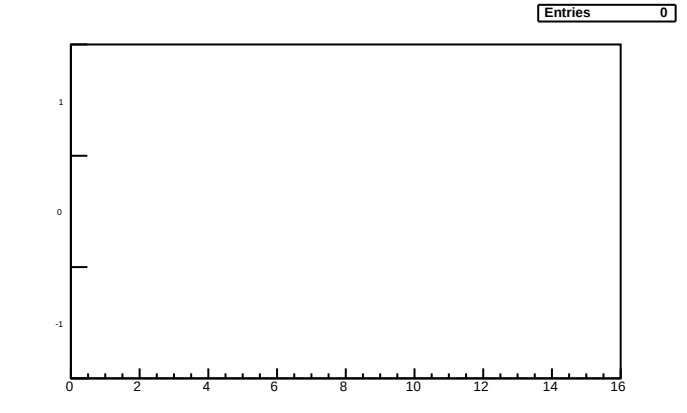

TF201 0-15 (ch0)
Entries 2157744
1215 70 134659 13943 134659 2696 57768 134659 702 77197 82188 72350 134659 134659 134659 724
133664 134789 120916 132163 77801 134157 57862 52661 62509 134135
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

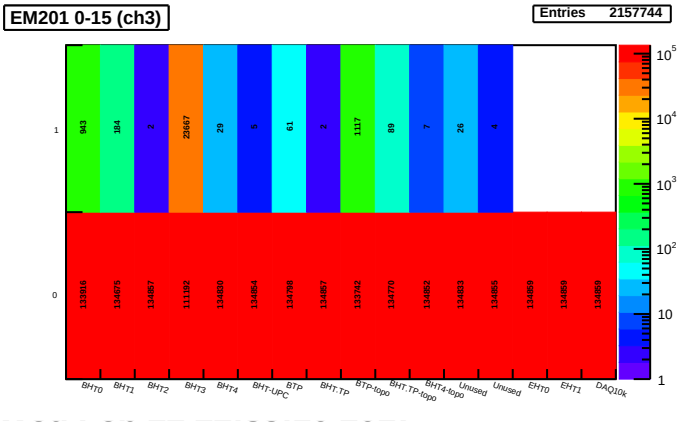

TF201 0-15 (ch0)
Entries 769856
134659 1203 120916
133664 134789 110310 134135
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

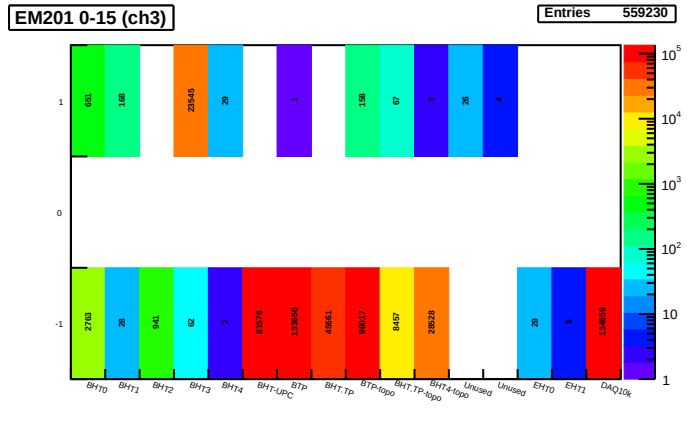

VT201 0-15 (ch1)
Entries 2157744
134859 134859 134859 131170 125439 4694 22700 15135 5053 22721 15075 5580 20415 20415 9842
3689 9420 134859 130185 112159 119724 129806 112138 119784 129279 114444 114444 125917
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

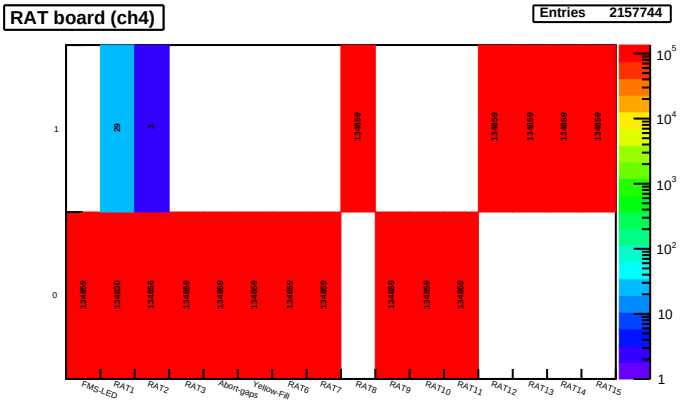

VT201 0-15 (ch1)
Entries 825801
90151 125439 4694 22700 13005 5053 18088 4106 10233 2309
878 122180 12945 18067 119784 40479 31744 87523 95413
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

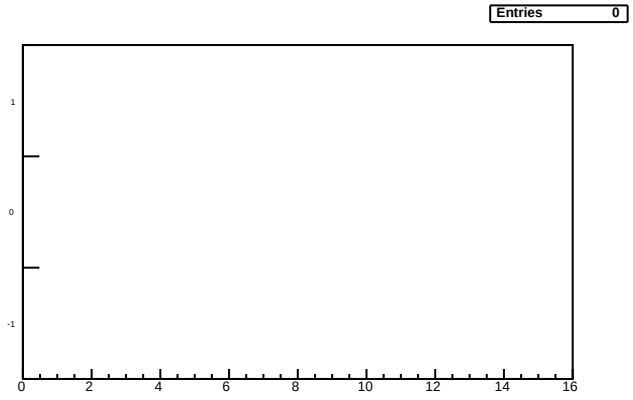

Unused (ch2)
Entries 2157744
134659 134659 134659 134659 134659 134659 134659 134659 134659 134659 134659 134659 134659 134659 134659 134659

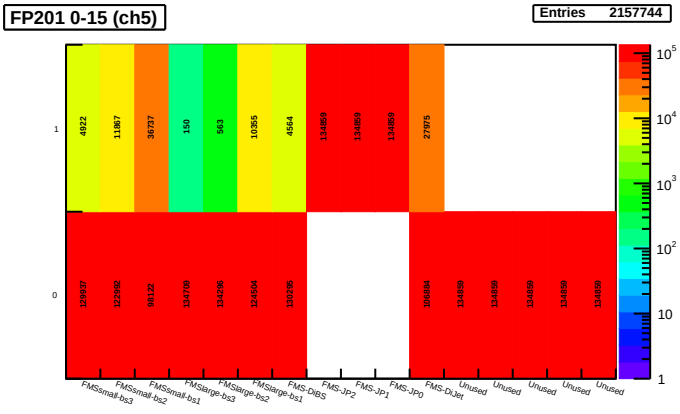

Entries 0

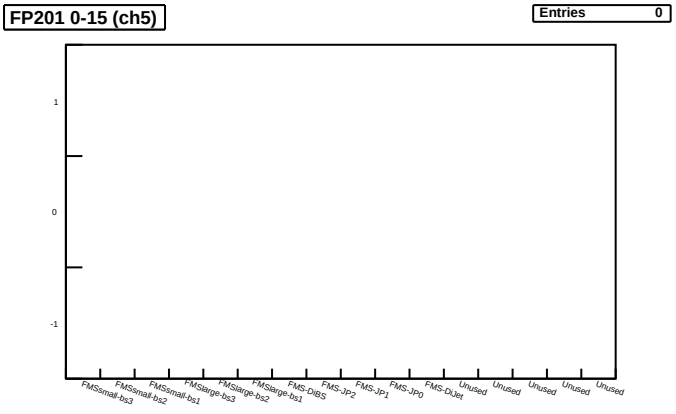

EM201 0-15 (ch3)
Entries 2157744
943 184 2 22667 29 5 61 2 1117 89 7 26 4
133916 134675 134857 111192 134830 134854 134788 134857 133742 134770 134852 134833 134855 134859 134859 134859
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

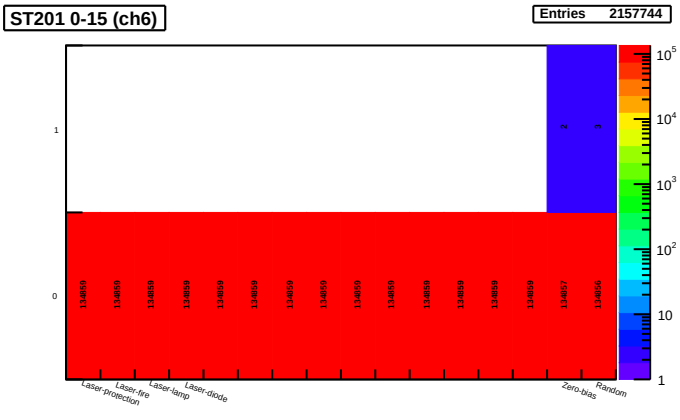

EM201 0-15 (ch3)
Entries 559230
631 168 23545 29 1 159 67 3 26 4
2763 28 941 62 2 81576 133850 45661 98017 8457 28528 29 5 134659
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

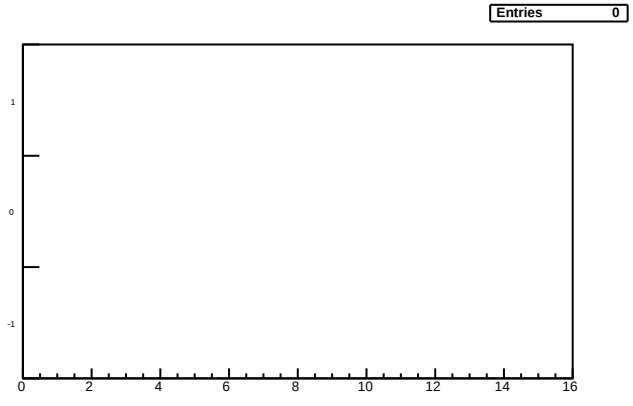

RAT board (ch4)
Entries 2157744
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15


Entries 0


FP201 0-15 (ch5)
Entries 2157744
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 2157744
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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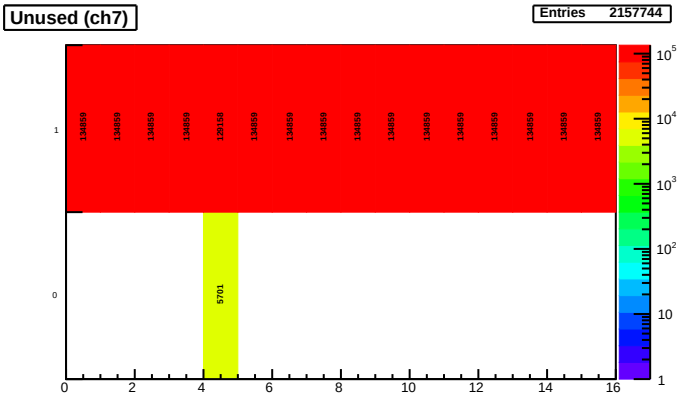
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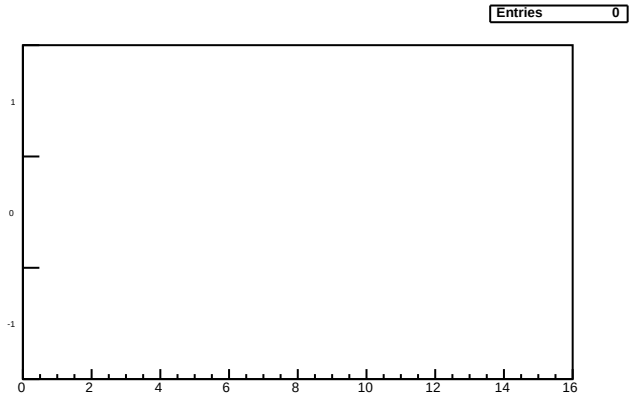
Entries 0