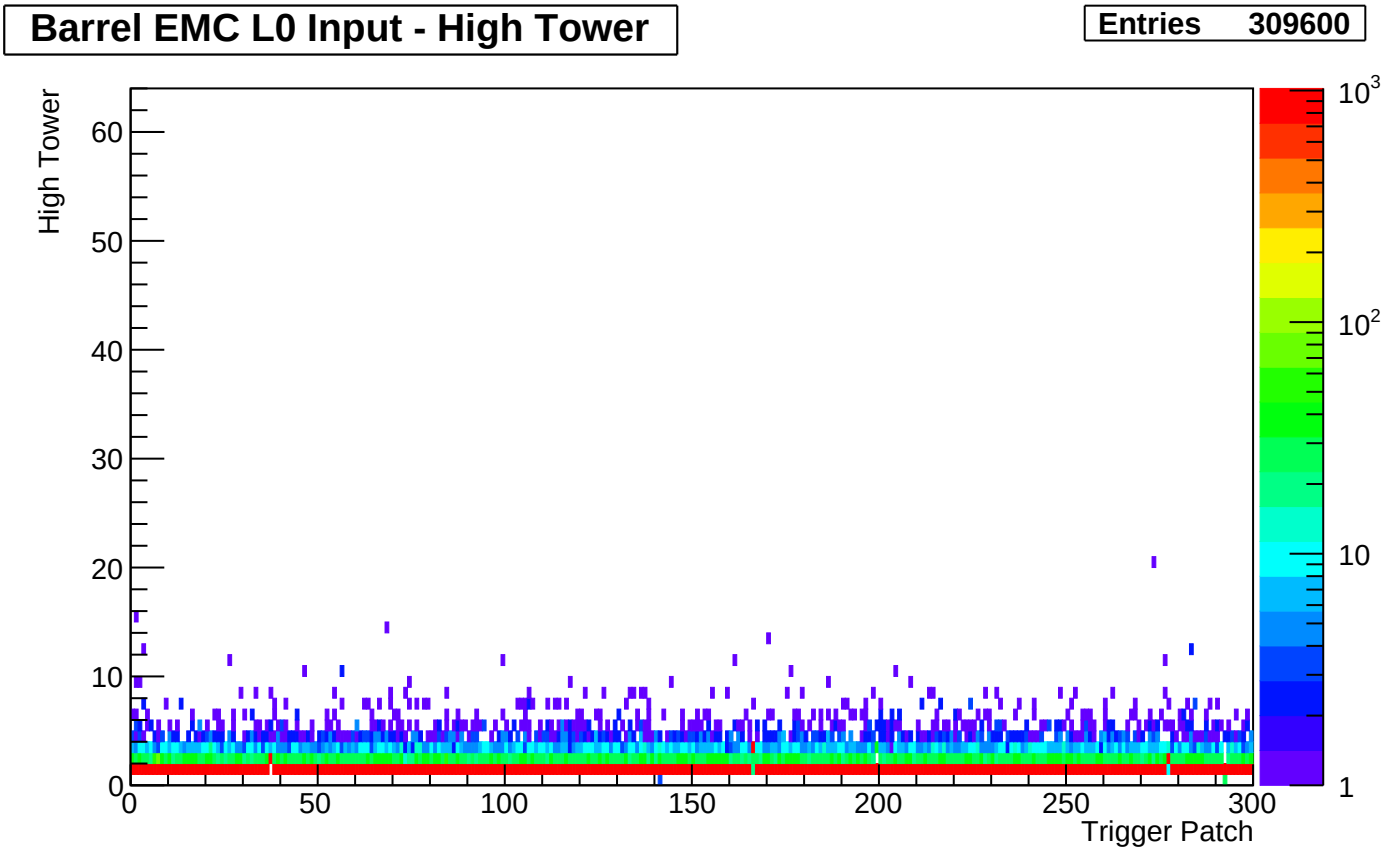
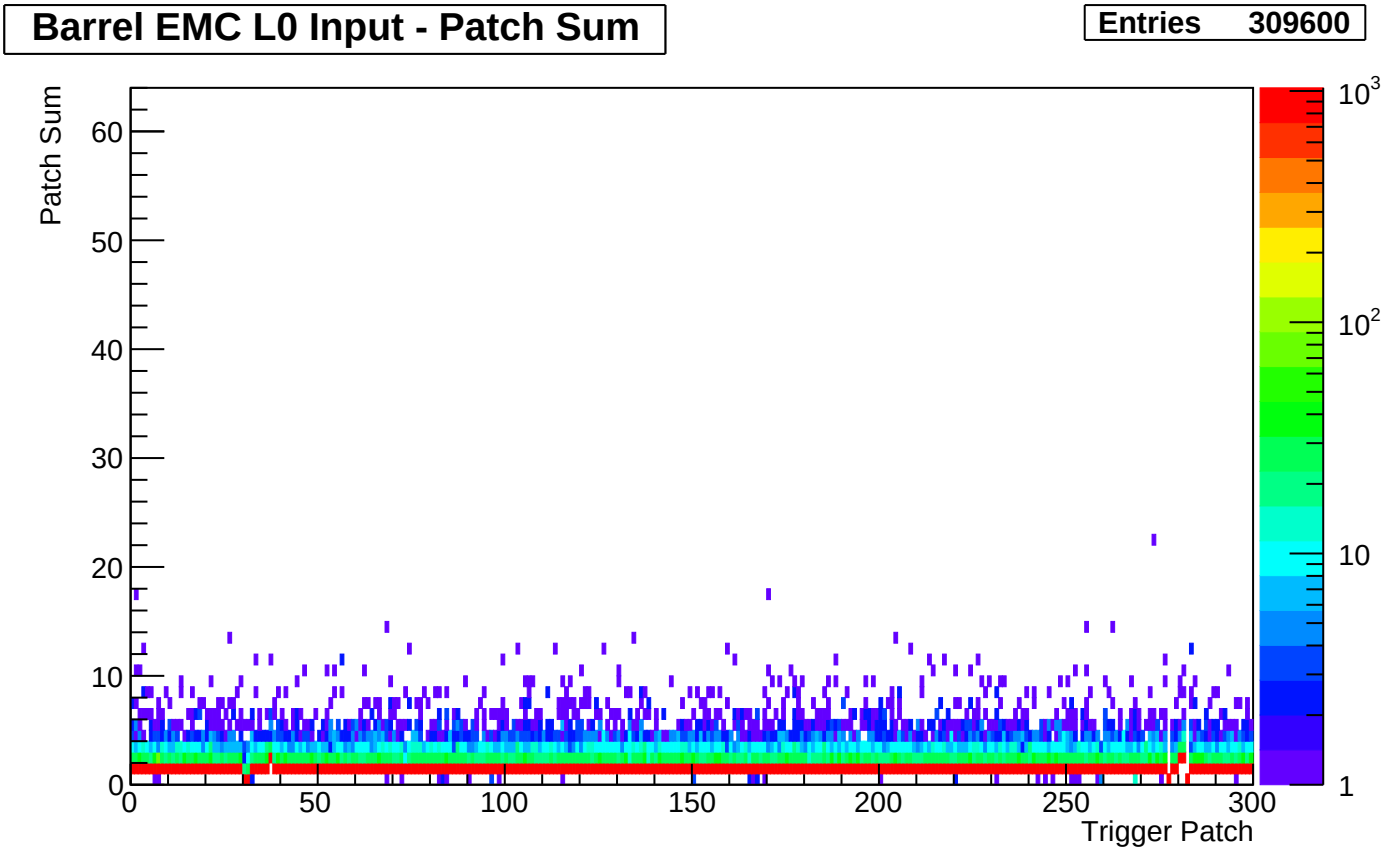
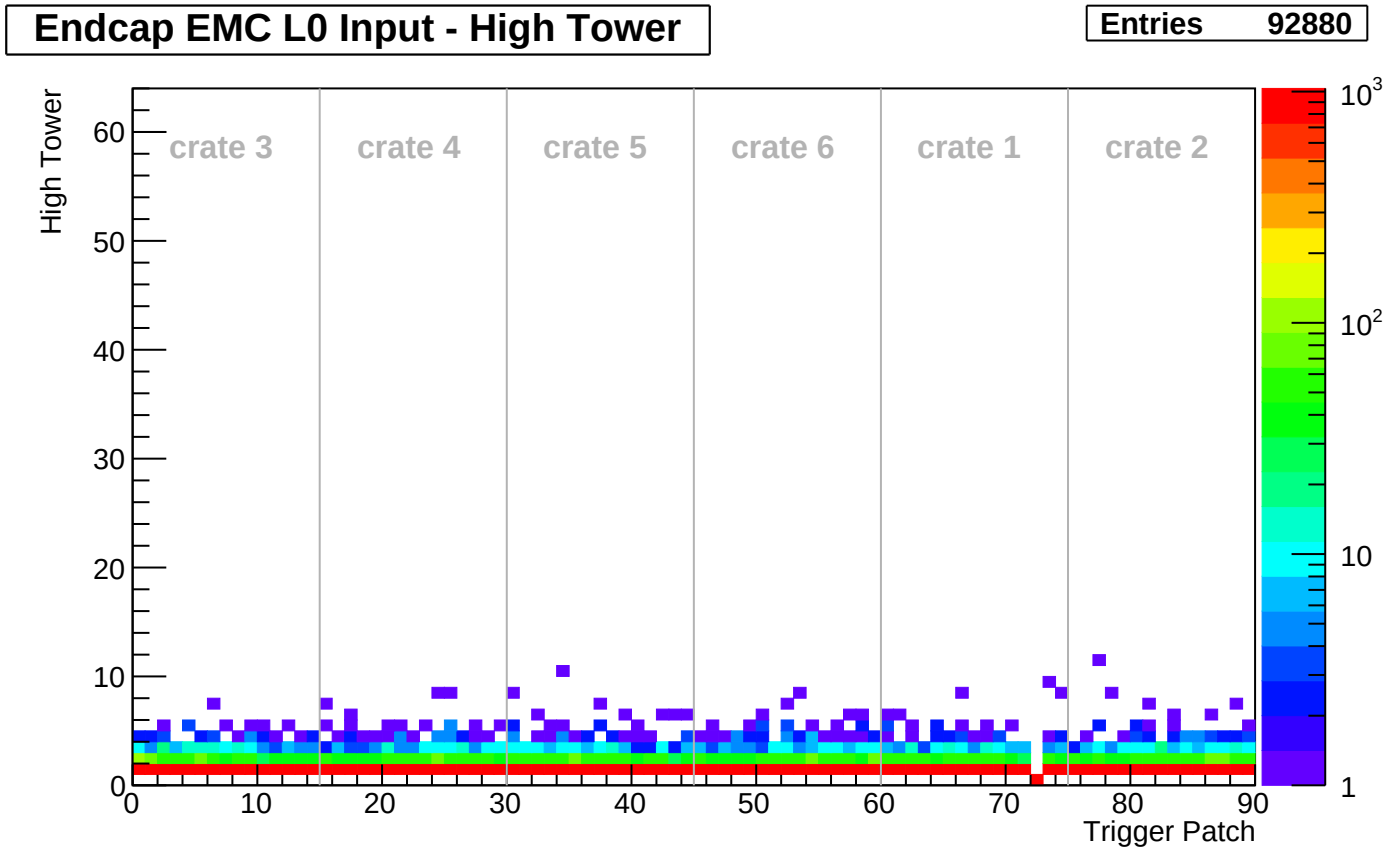
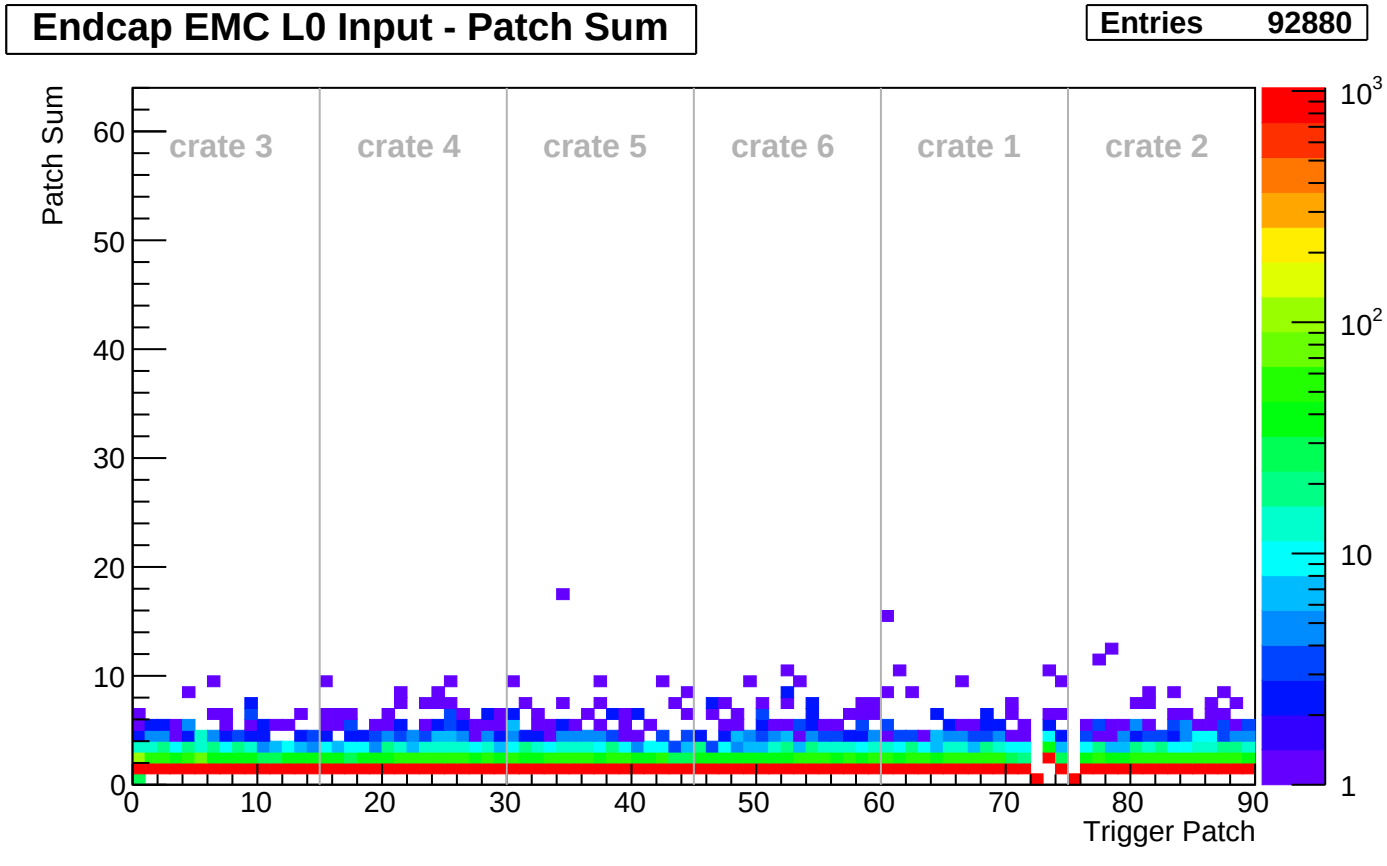
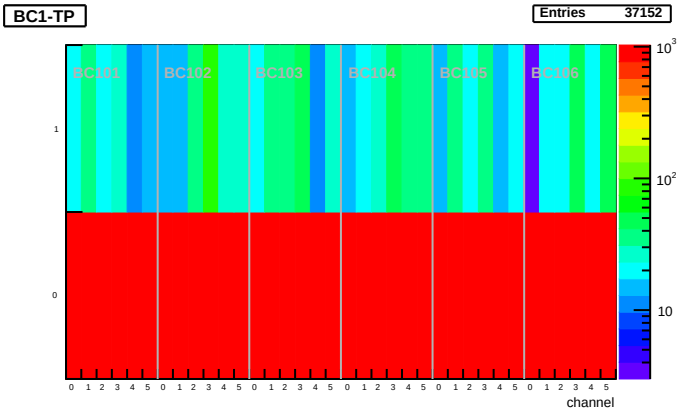
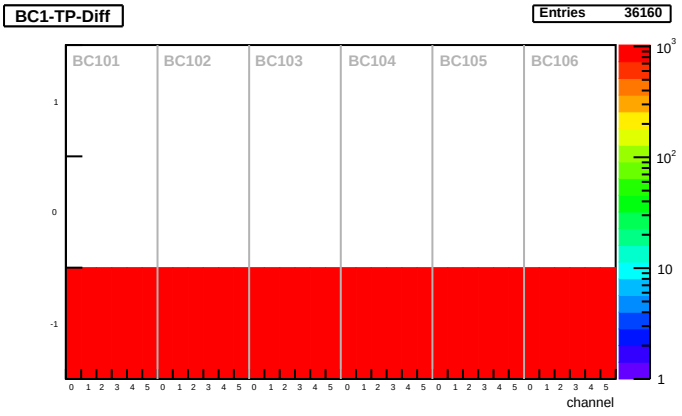

Barrel EMC L0 Input - High Tower
Entries 309600
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3

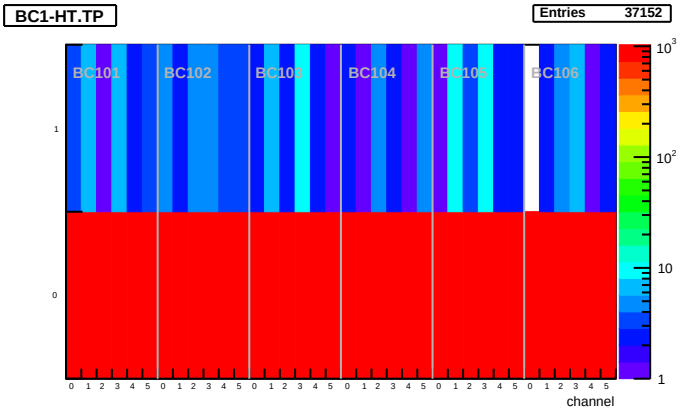

Barrel EMC L0 Input - Patch Sum
Entries 309600
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3

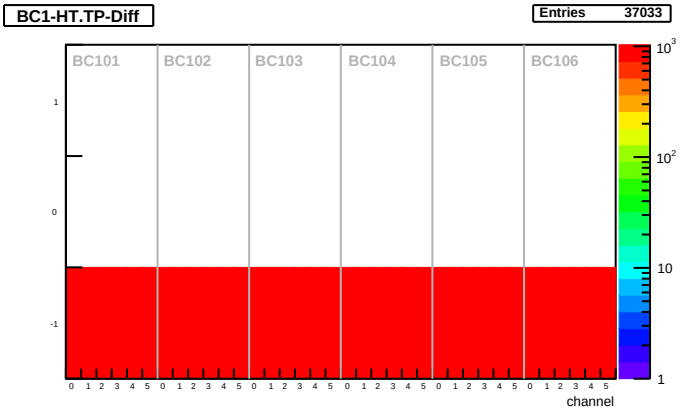

Endcap EMC L0 Input - High Tower
Entries 92880
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3

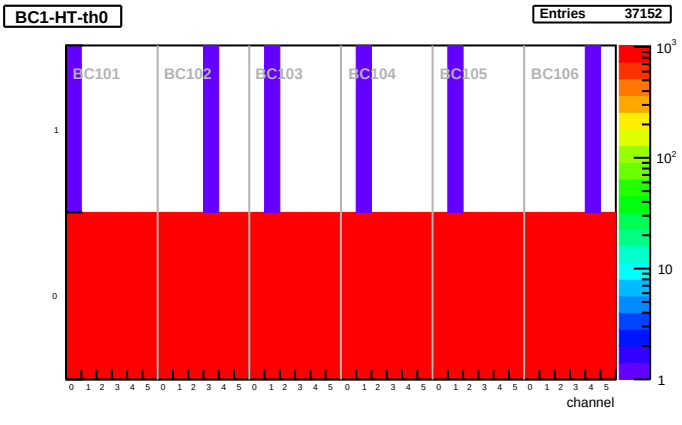

Endcap EMC L0 Input - Patch Sum
Entries 92880
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3

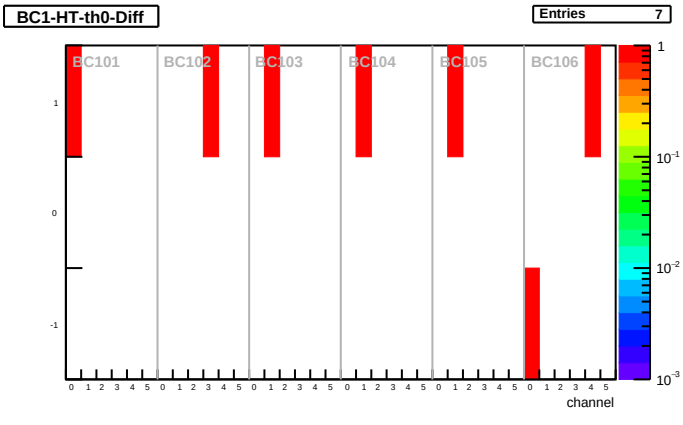

BC1-TP
Entries 37152
BC101
BC102
BC103
BC104
BC105
BC106
channel

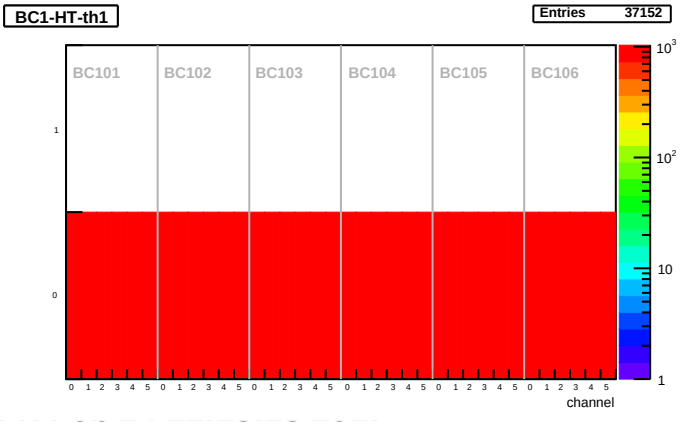

BC1-TP-Diff
Entries 36160
BC101
BC102
BC103
BC104
BC105
BC106
channel

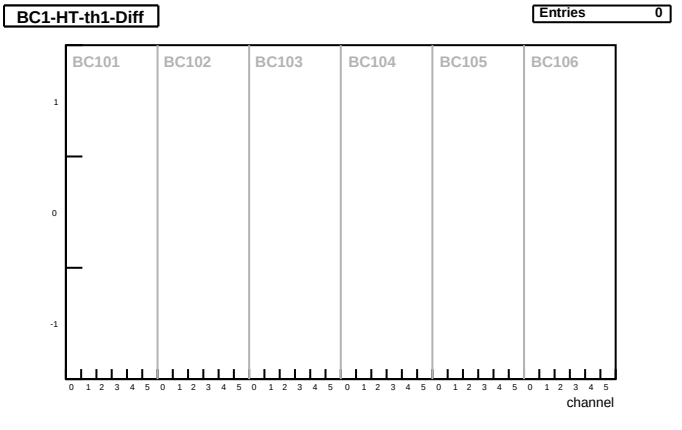

BC1-HT.TP
Entries 37152
BC101
BC102
BC103
BC104
BC105
BC106
channel

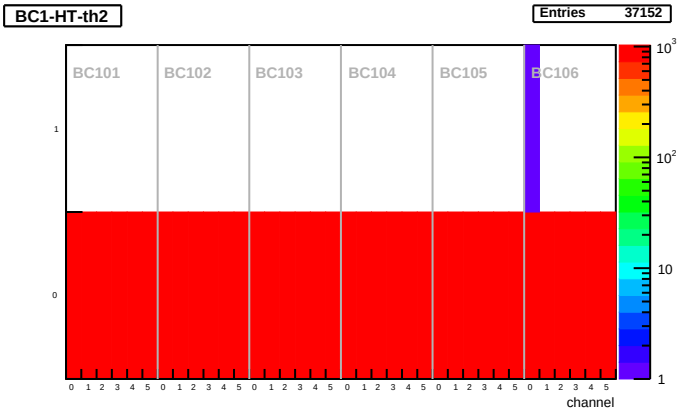

BC1-HT.TP-Diff
Entries 37033
BC101
BC102
BC103
BC104
BC105
BC106
channel

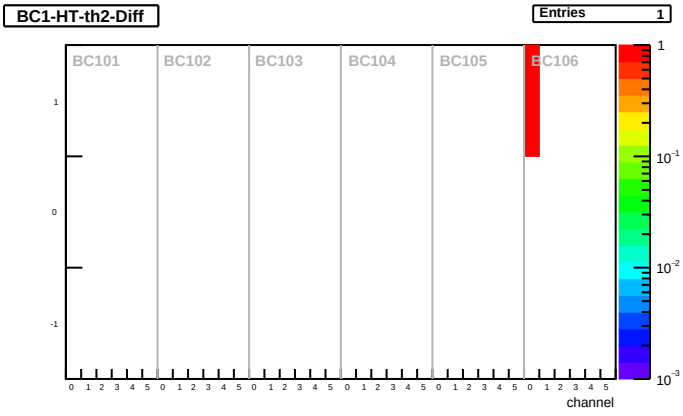

BC1-HT-th0
Entries 37152
BC101
BC102
BC103
BC104
BC105
BC106
channel

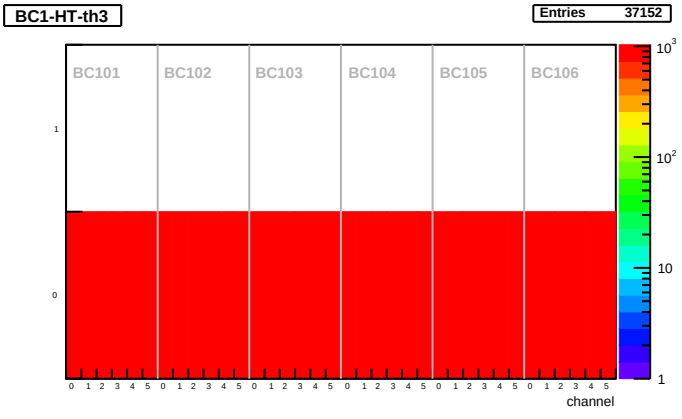

BC1-HT-th0-Diff
Entries 7
BC101
BC102
BC103
BC104
BC105
BC106
channel

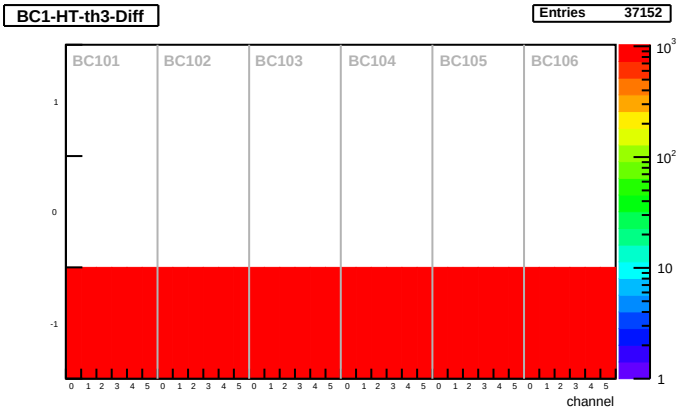

BC1-HT-th1
Entries 37152
BC101
BC102
BC103
BC104
BC105
BC106
channel

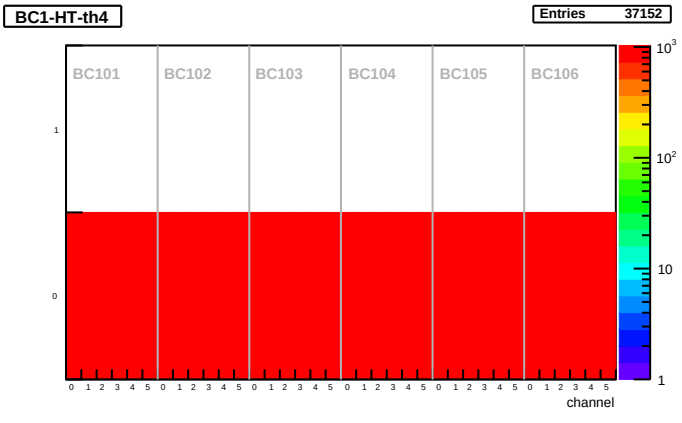

BC1-HT-th1-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

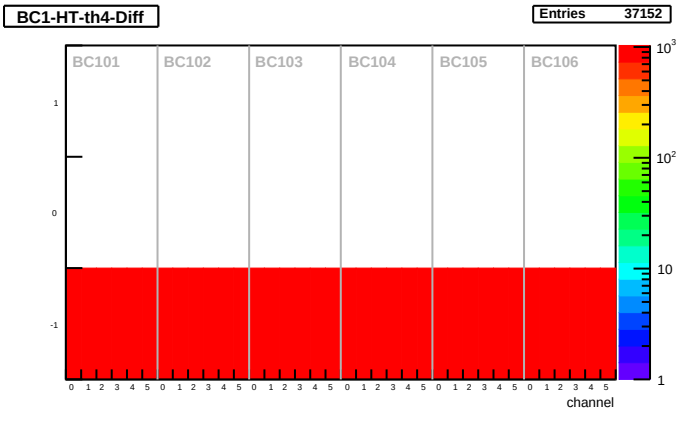

BC1-HT-th2
Entries 37152
BC101
BC102
BC103
BC104
BC105
BC106
channel

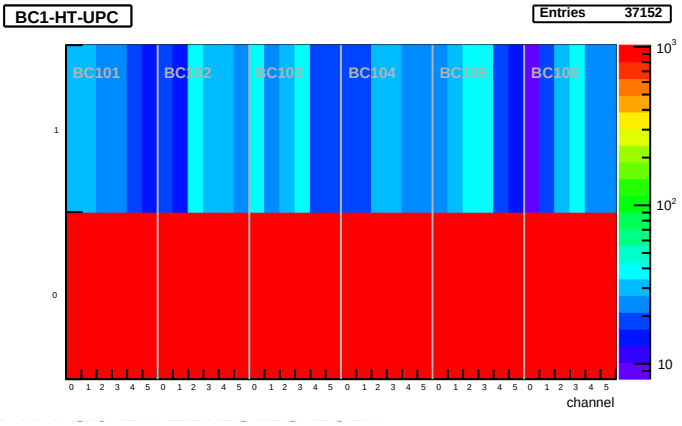

BC1-HT-th2-Diff
Entries 1
BC101
BC102
BC103
BC104
BC105
BC106
channel

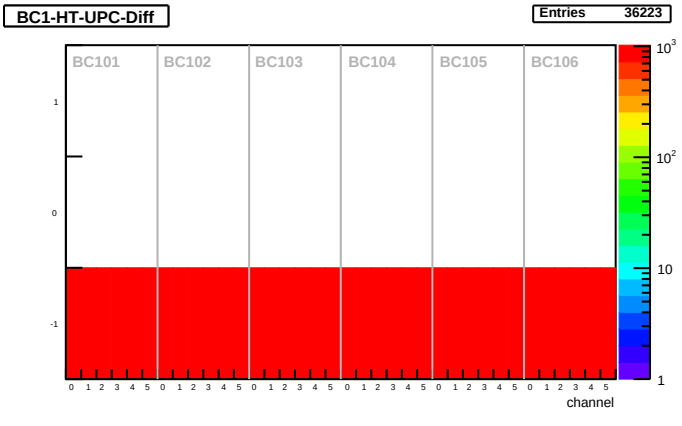

BC1-HT-th3
Entries 37152
BC101
BC102
BC103
BC104
BC105
BC106
channel

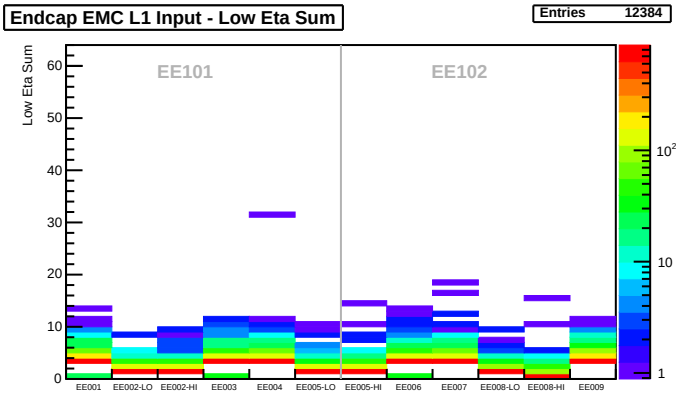

BC1-HT-th3-Diff
Entries 37152
BC101
BC102
BC103
BC104
BC105
BC106
channel

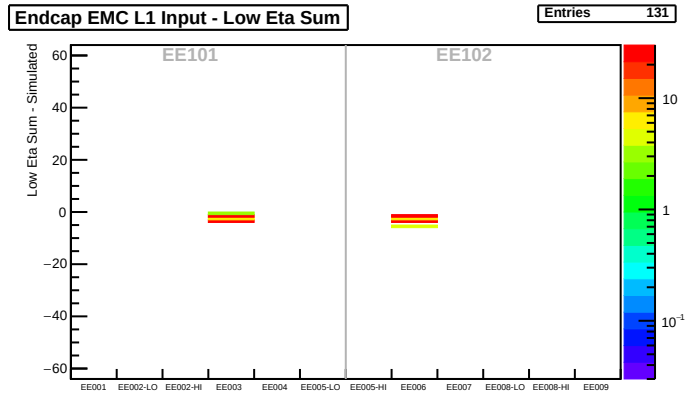

BC1-HT-th4
Entries 37152
BC101
BC102
BC103
BC104
BC105
BC106
channel

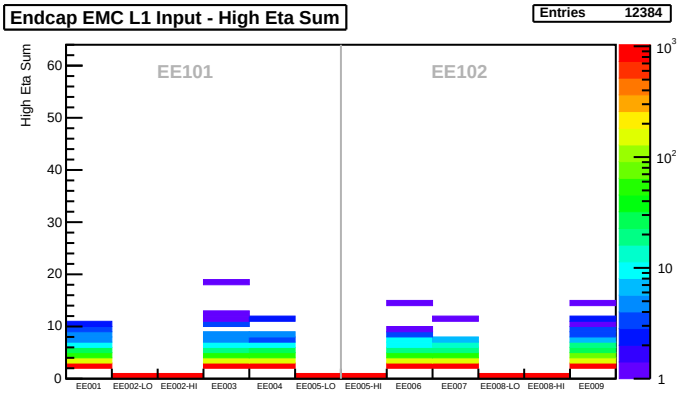

BC1-HT-th4-Diff
Entries 37152
BC101
BC102
BC103
BC104
BC105
BC106
channel

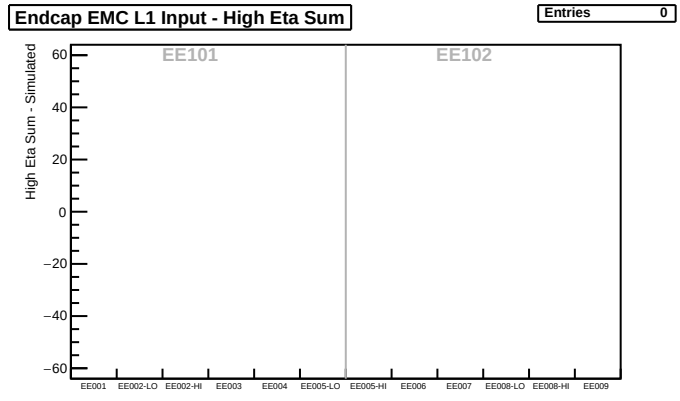

BC1-HT-UPC
Entries 37152
BC101
BC102
BC103
BC104
BC105
BC106
channel

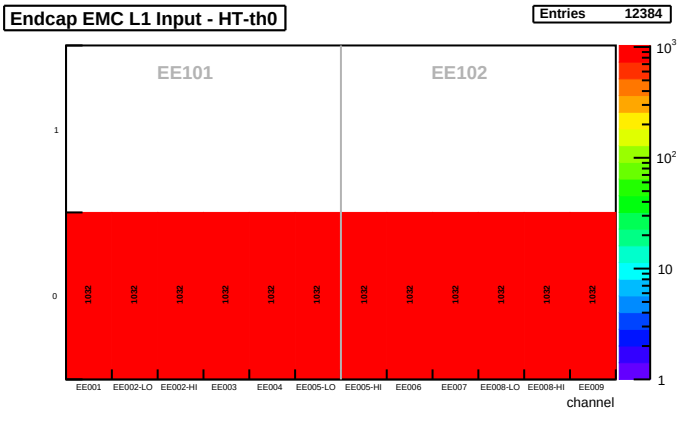

BC1-HT-UPC-Diff
Entries 36223
BC101
BC102
BC103
BC104
BC105
BC106
channel

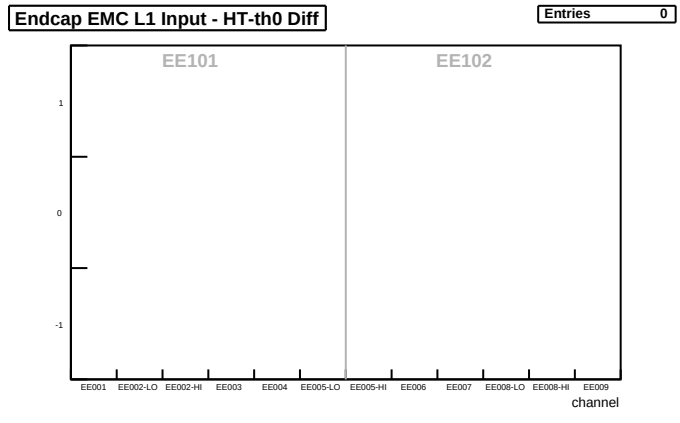

Endcap EMC L1 Input - Low Eta Sum
Entries 12384
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

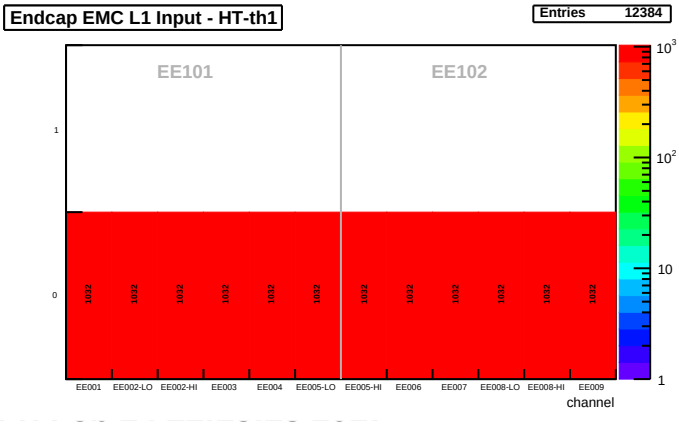

Endcap EMC L1 Input - Low Eta Sum
Entries 131
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

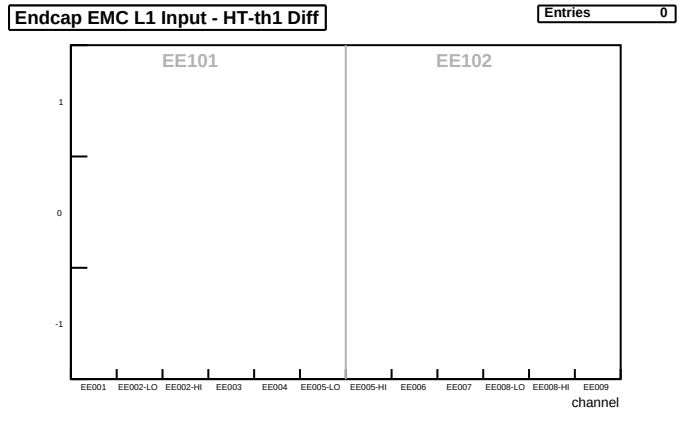

Endcap EMC L1 Input - High Eta Sum
Entries 12384
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

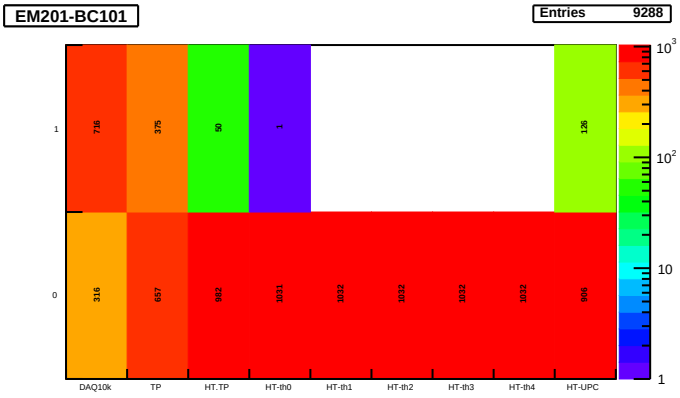

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

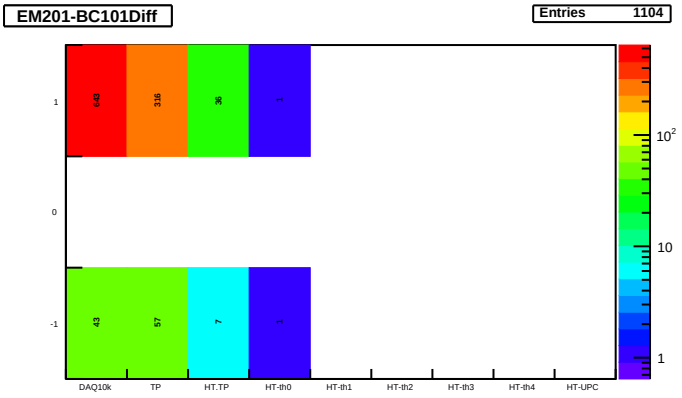

Endcap EMC L1 Input - HT-th0
Entries 12384
EE101
EE102
1032
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

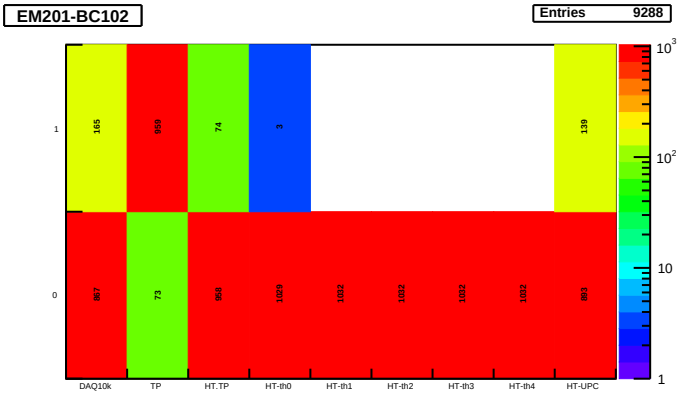

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

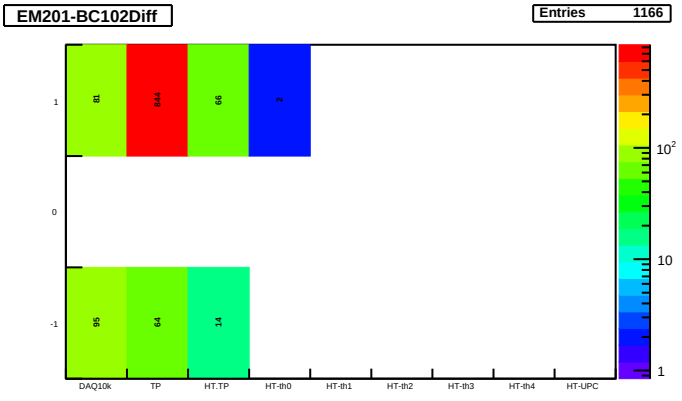

Endcap EMC L1 Input - HT-th1
Entries 12384
EE101
EE102
1032
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

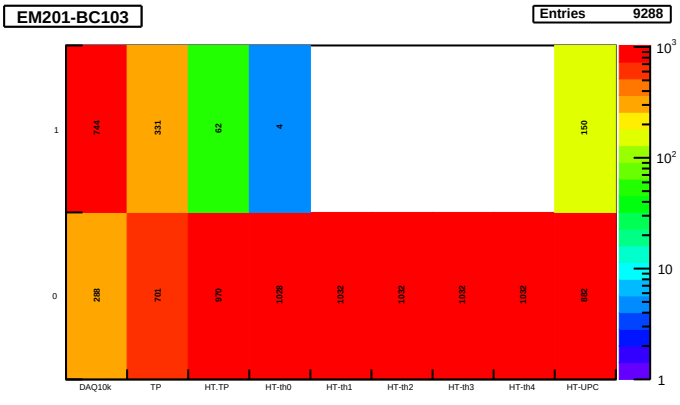

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

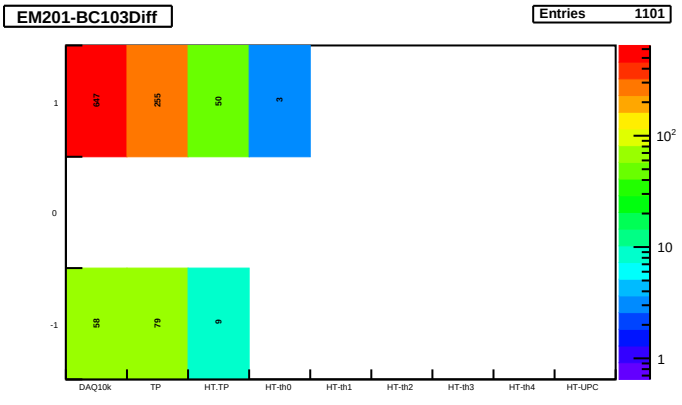

EM201-BC101
Entries 9288
1 716 375 50 1 126
0 316 657 982 1031 1032 1032 1032 1032 906
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2
10
1

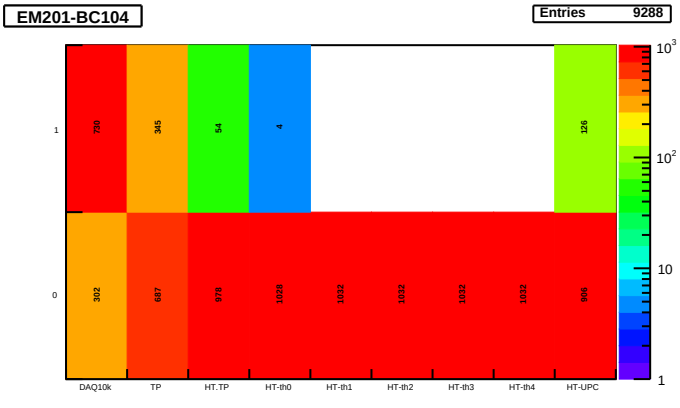

EM201-BC101Diff
Entries 1104
1 643 316 36 1
0
-1 43 57 7 1
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1

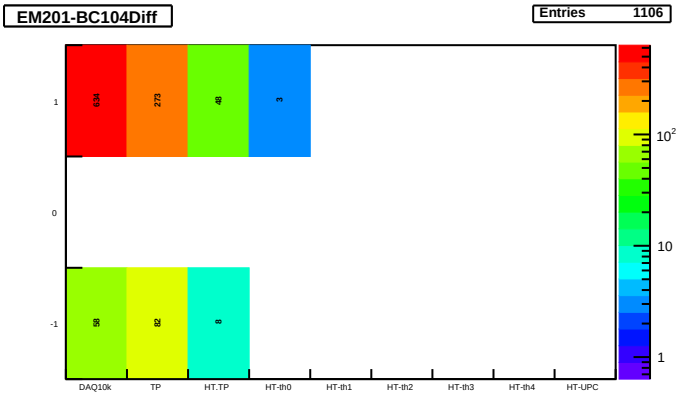

EM201-BC102
Entries 9288
1 165 959 74 3 139
0 657 73 958 1029 1032 1032 1032 1032 893
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2
10
1


EM201-BC102Diff
Entries 1166
1 81 944 66 2
0
-1 95 64 14
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1

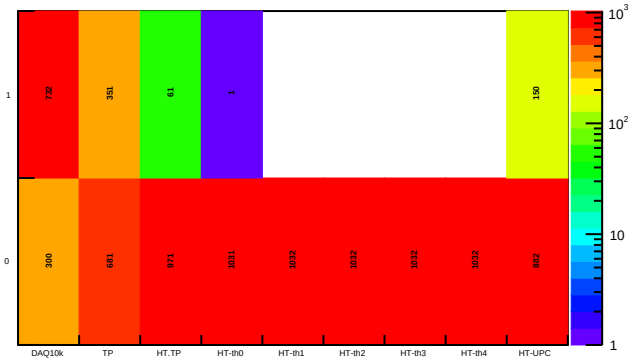

EM201-BC103
Entries 9288
1 744 331 62 4 150
0 288 701 970 1028 1032 1032 1032 1032 882
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2
10
1


EM201-BC103Diff
Entries 1101
1 647 255 50 3
0
-1 58 79 9
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1

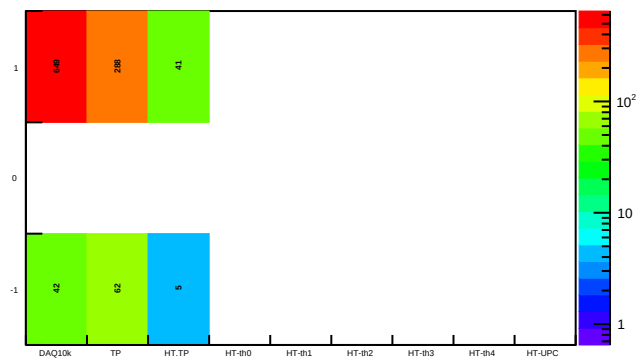

EM201-BC104
Entries 9288
1 730 345 54 4 126
0 302 687 978 1028 1032 1032 1032 1032 906
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2
10
1


EM201-BC104Diff
Entries 1106
1 634 273 48 3
0
-1 58 82 8
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1

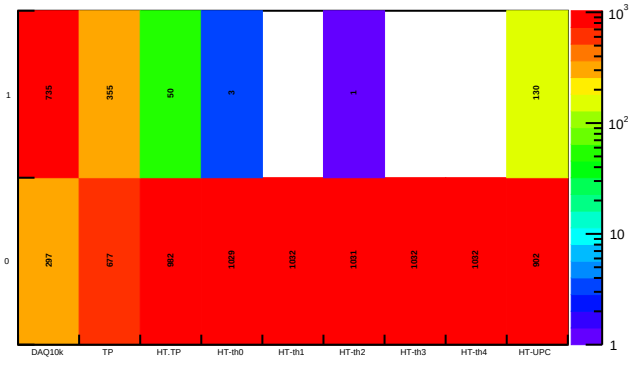
EM201-BC105 Entries 9288



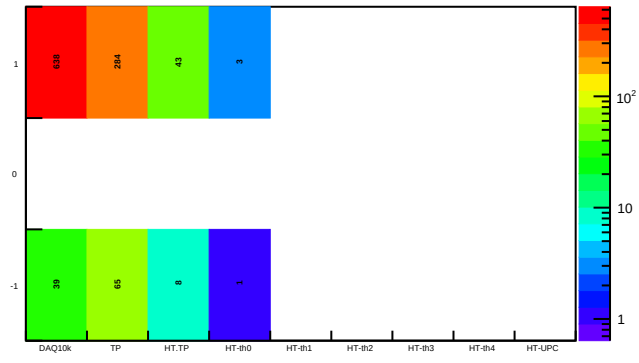
EM201-BC105Diff Entries 1087



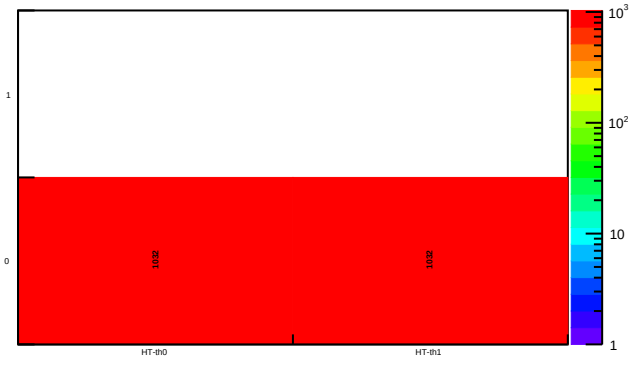
EM201-BC106 Entries 9288



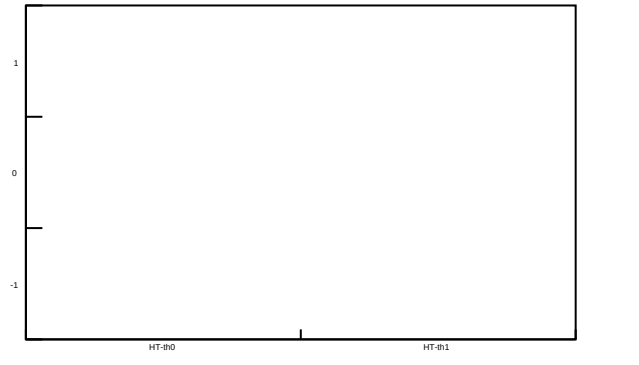
EM201-BC106Diff Entries 1081



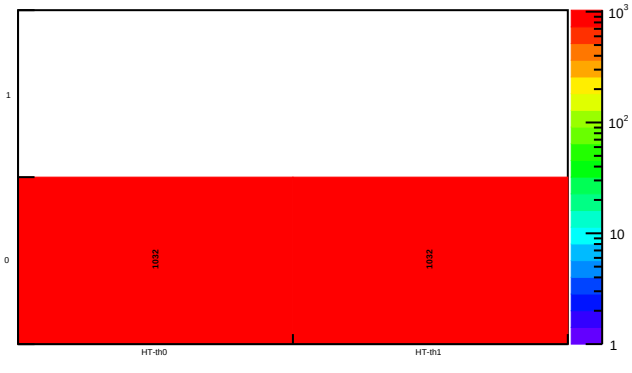
EM201-EE101 Entries 2064



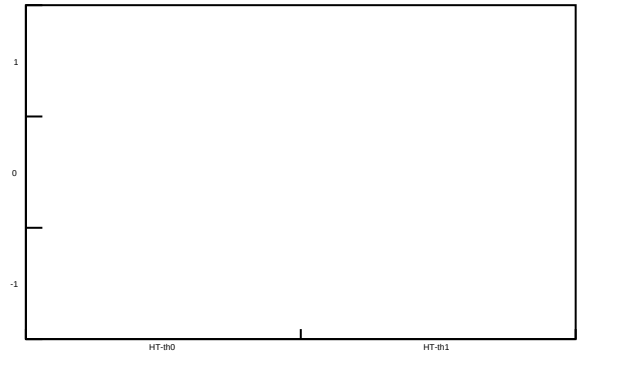
EM201-EE101Diff Entries 0

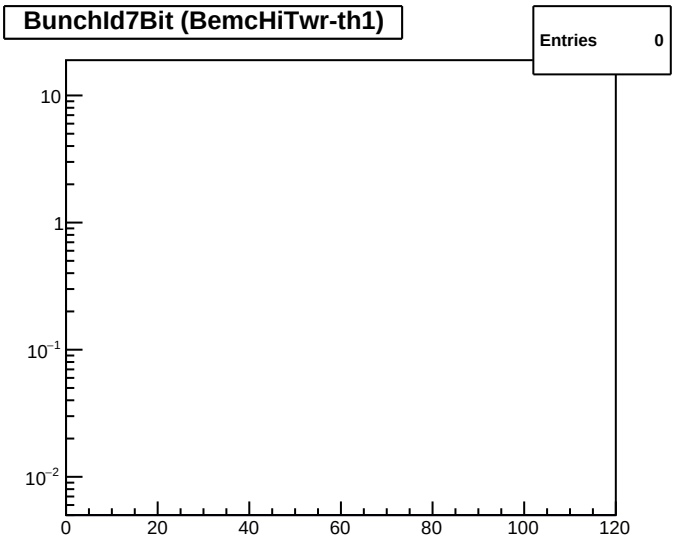


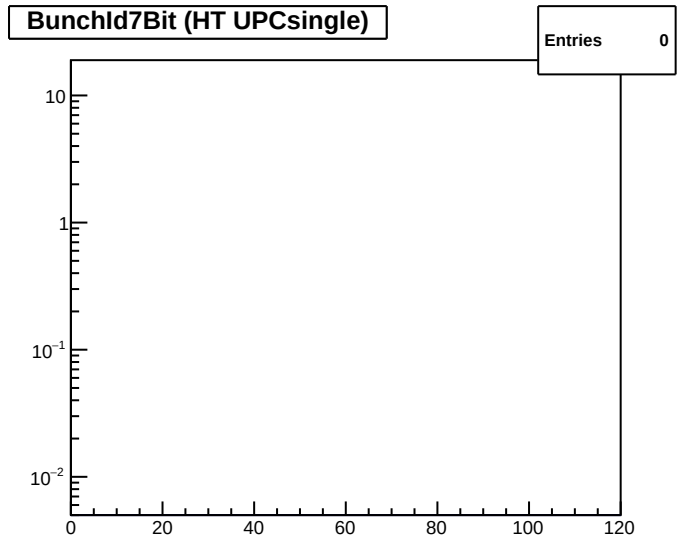
EM201-EE102 Entries 2064

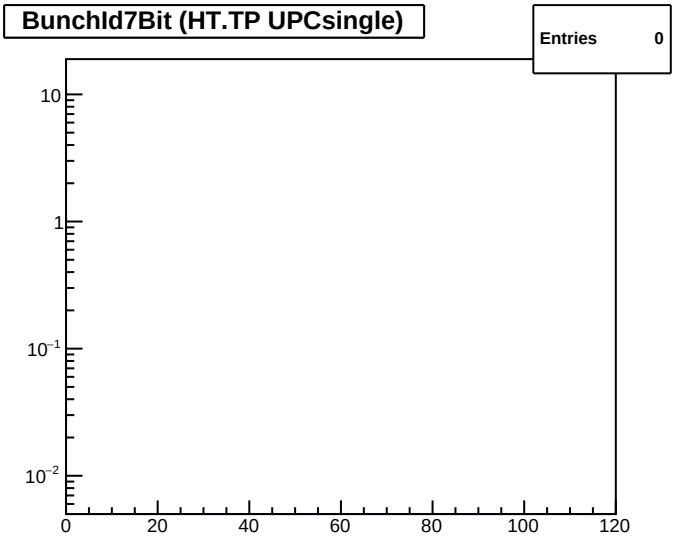


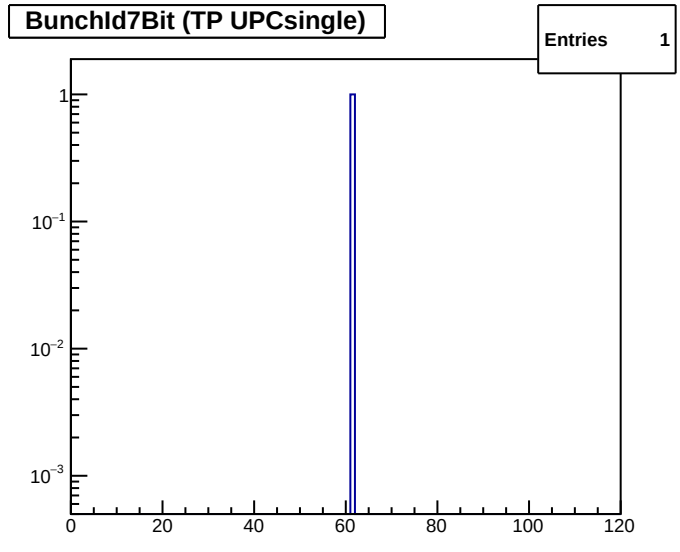
EM201-EE102Diff Entries 0

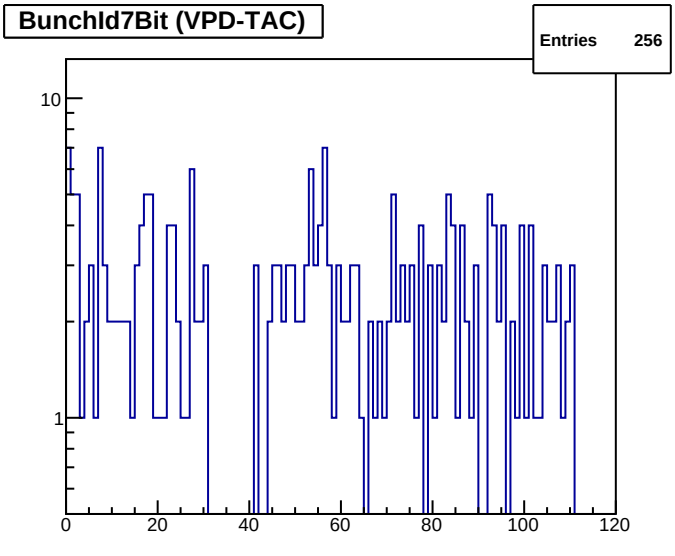


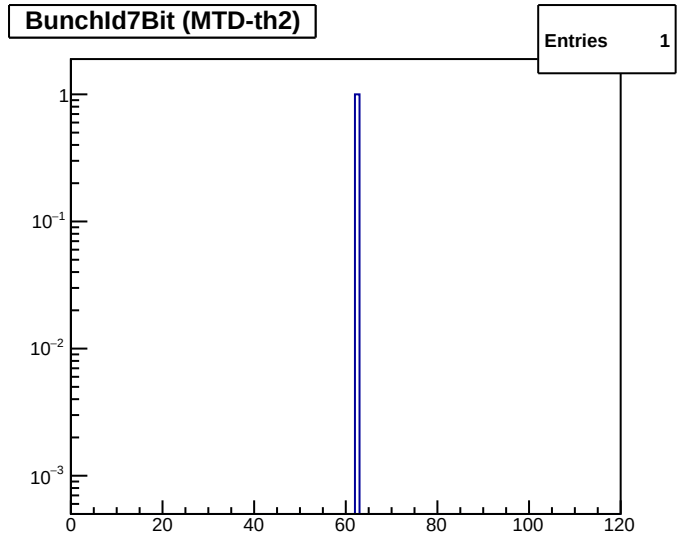

BunchId7Bit (BemcHiTwr-th1)
Entries 0

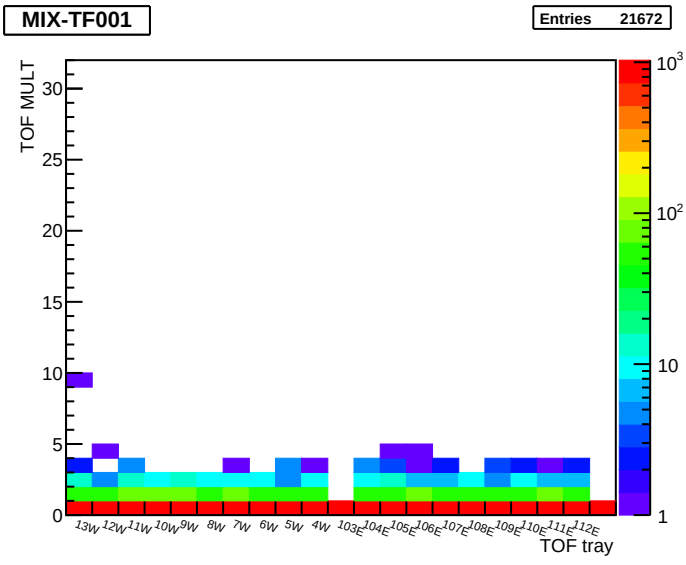

BunchId7Bit (HT UPCsingle)
Entries 0

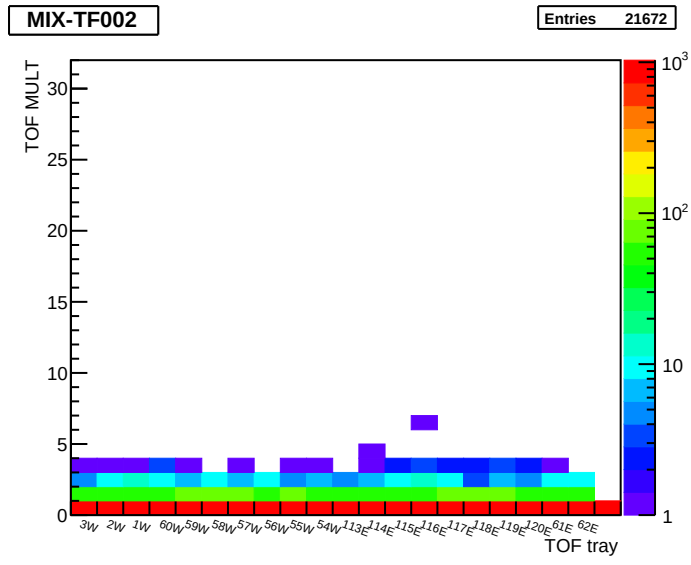

BunchId7Bit (HT.TP UPCsingle)
Entries 0

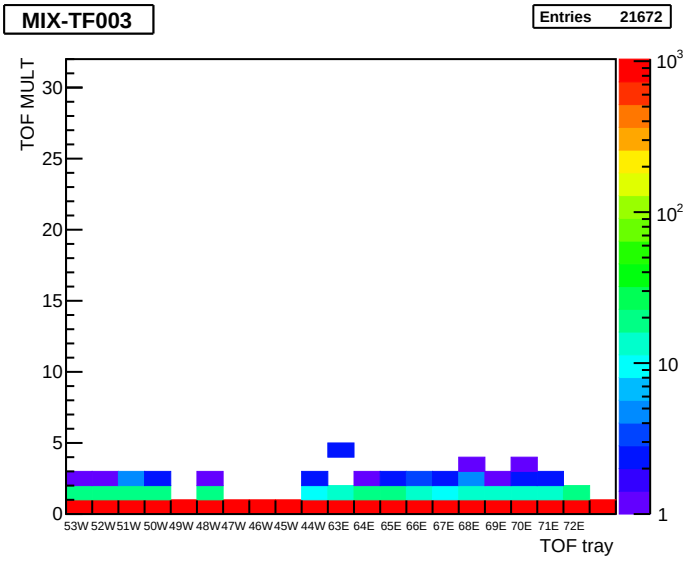

BunchId7Bit (TP UPCsingle)
Entries 1

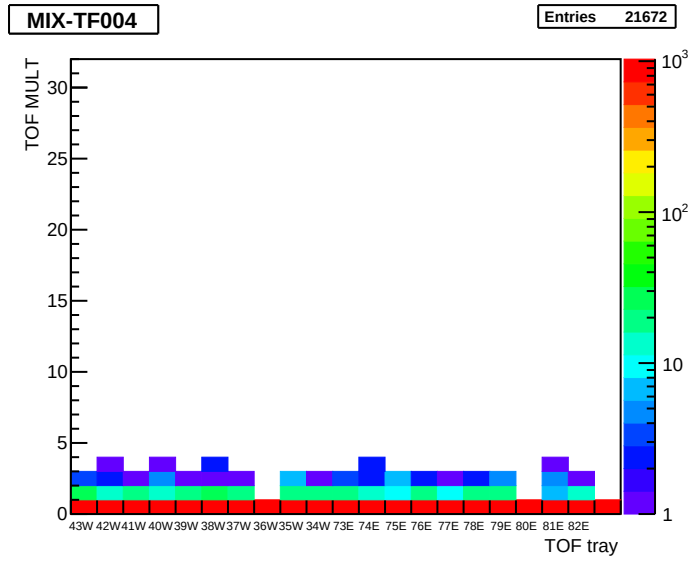

BunchId7Bit (VPD-TAC)
Entries 256

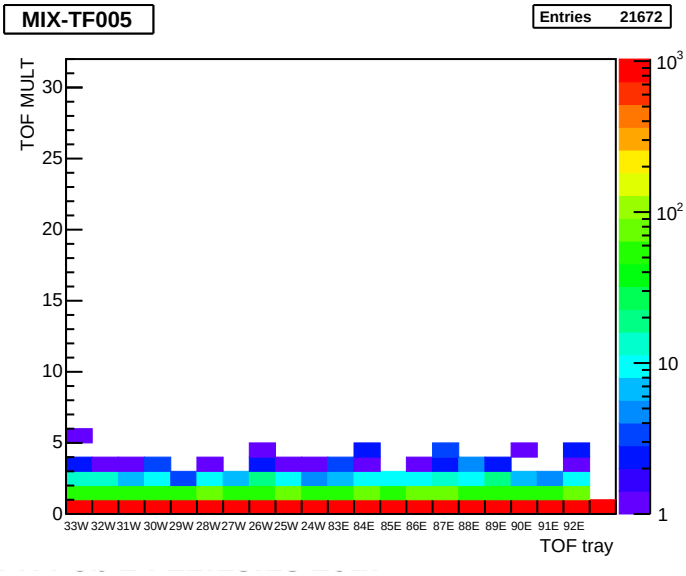

BunchId7Bit (MTD-th2)
Entries 1

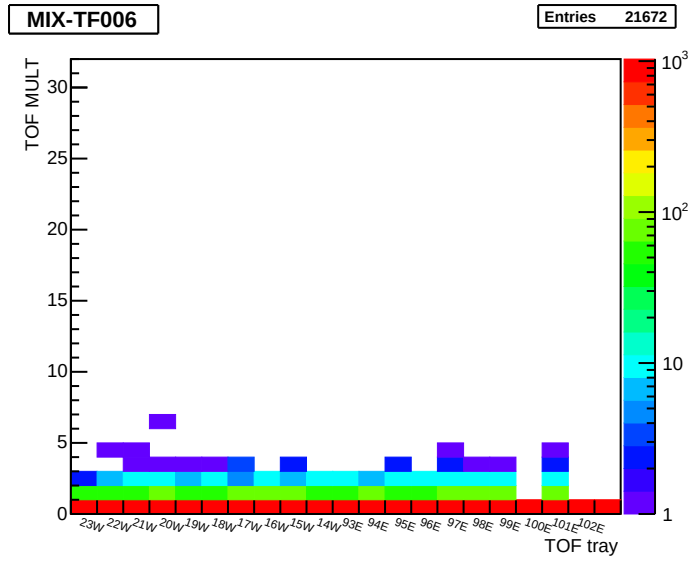

MIX-TF001
Entries 21672
TOF MULT
TOF tray

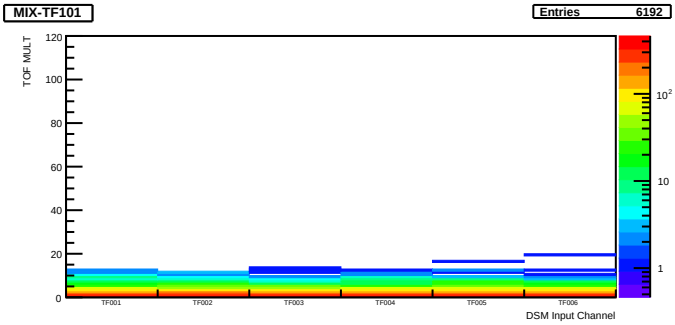

MIX-TF002
Entries 21672
TOF MULT
TOF tray

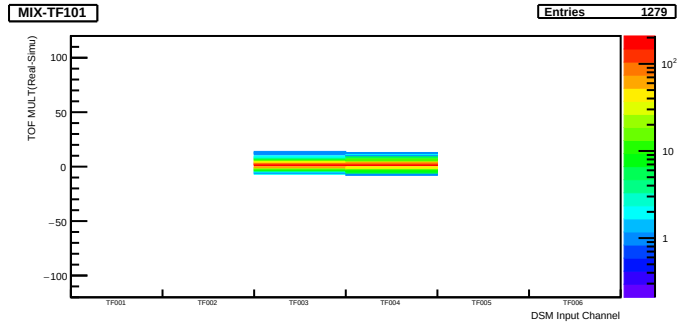

MIX-TF003
Entries 21672
TOF MULT
TOF tray

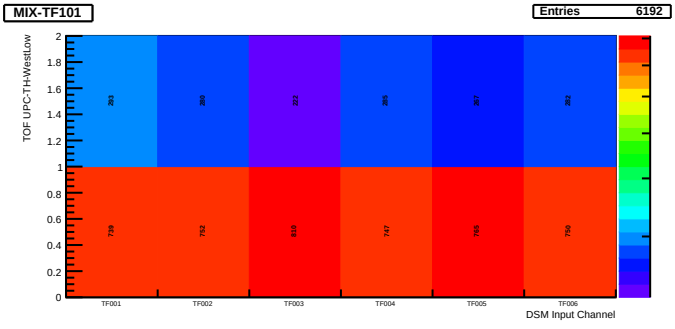

MIX-TF004
Entries 21672
TOF MULT
TOF tray

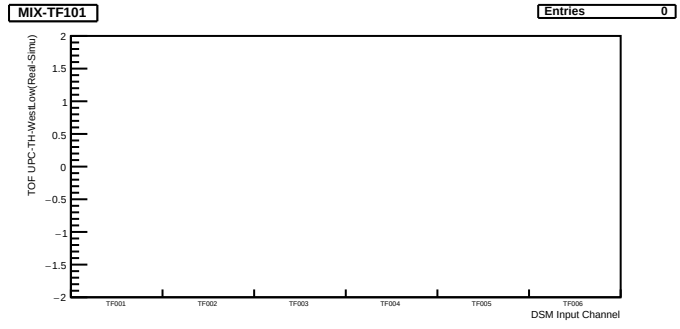

MIX-TF005
Entries 21672
TOF MULT
TOF tray

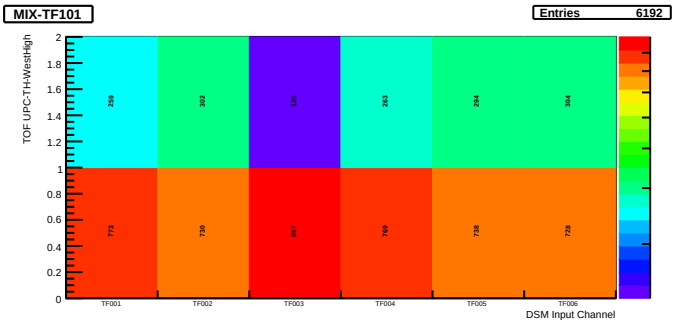

MIX-TF006
Entries 21672
TOF MULT
TOF tray

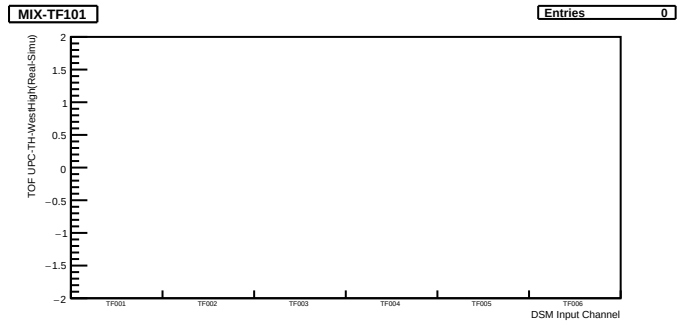

MIX-TF101
Entries 6192
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

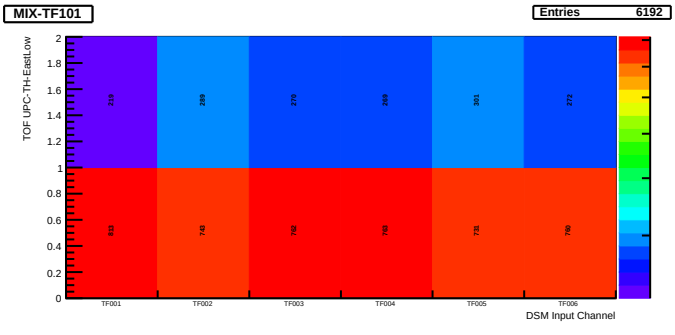

MIX-TF101
Entries 1279
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

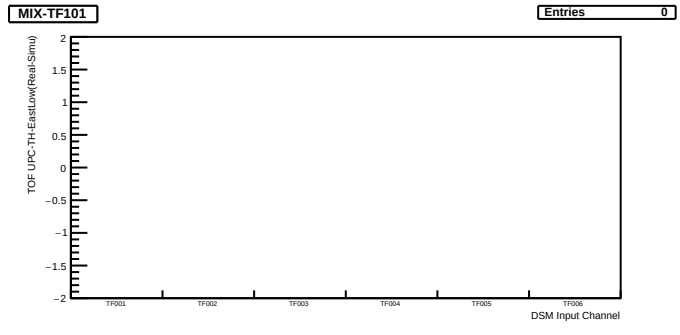

MIX-TF101
Entries 6192
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

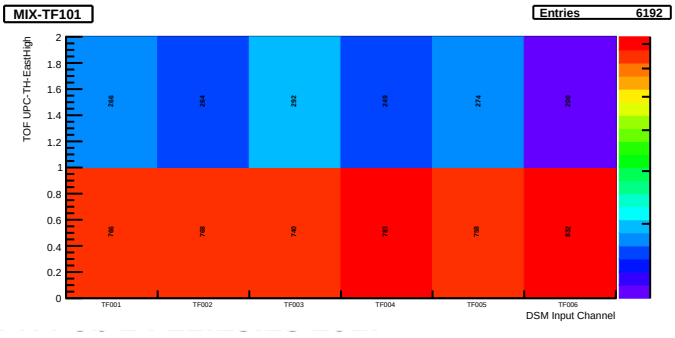

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

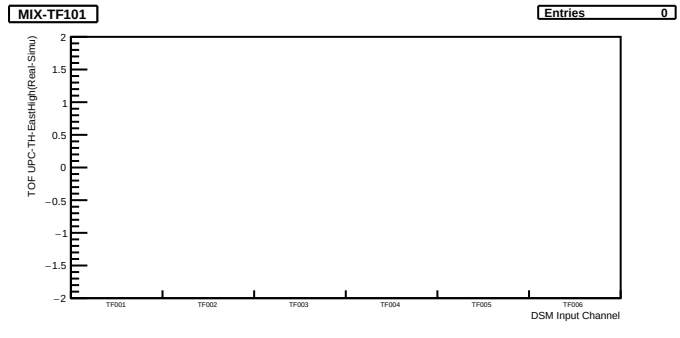

MIX-TF101
Entries 6192
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

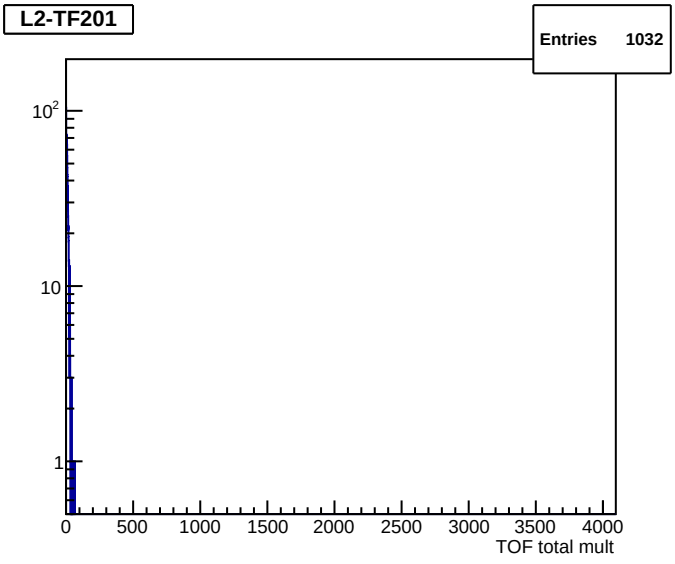

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

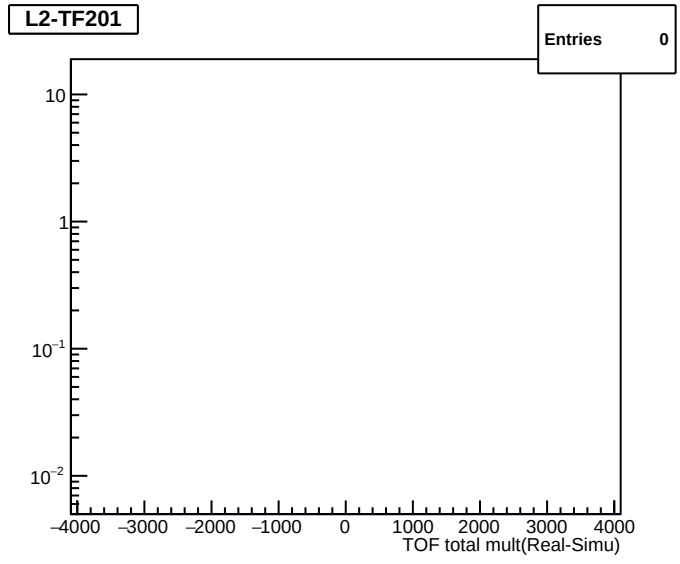

MIX-TF101
Entries 6192
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

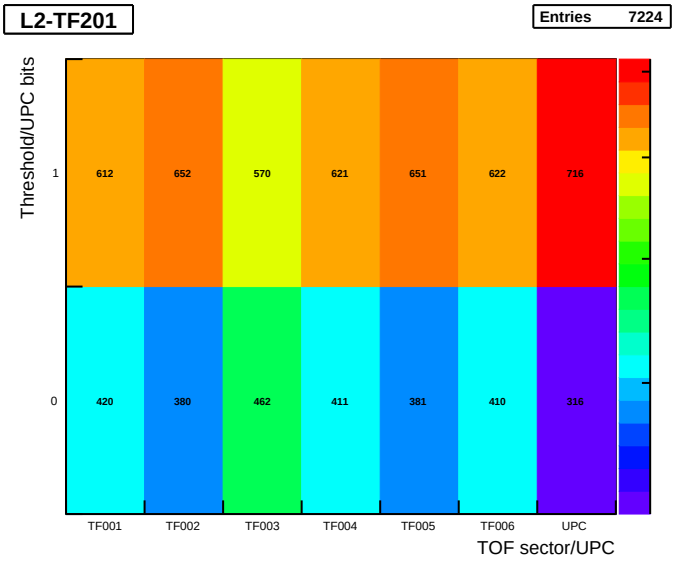

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

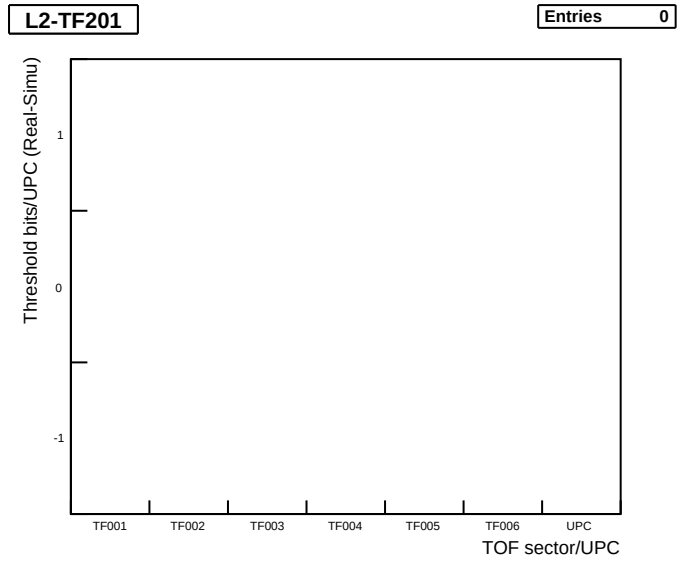

MIX-TF101
Entries 6192
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

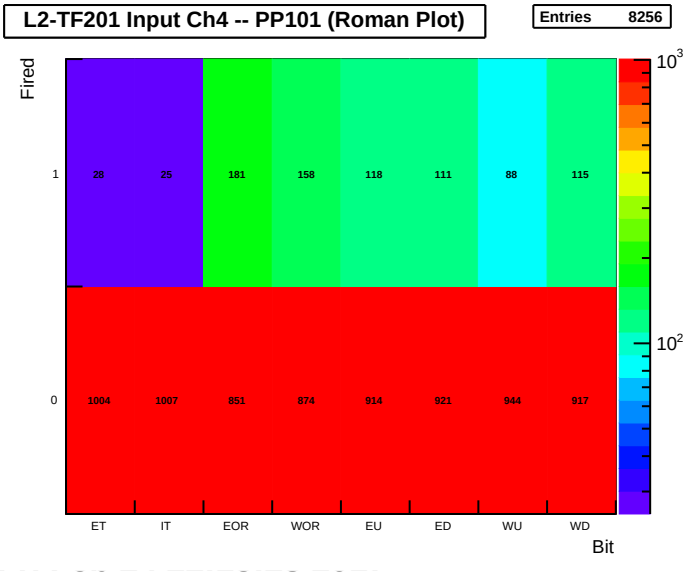

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

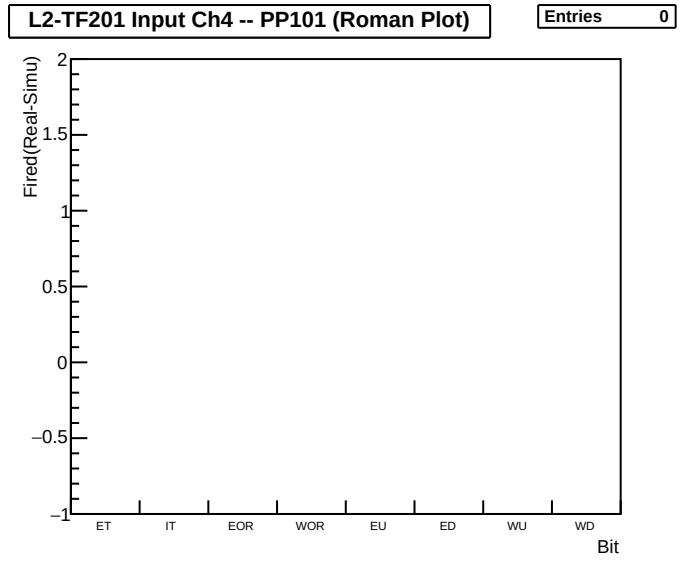

L2-TF201
Entries 1032
TOF total mult

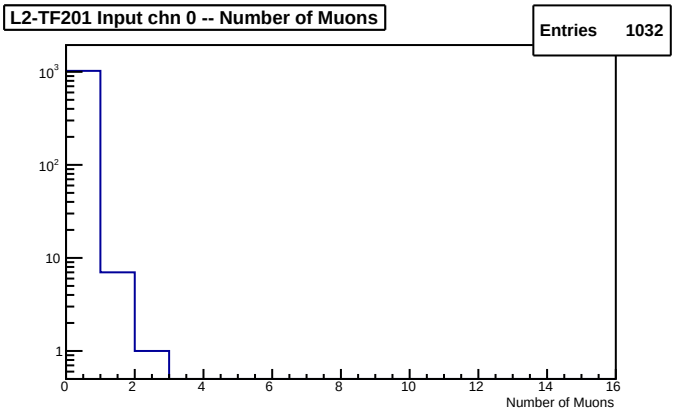

L2-TF201
Entries 0
TOF total mult(Real-Simu)

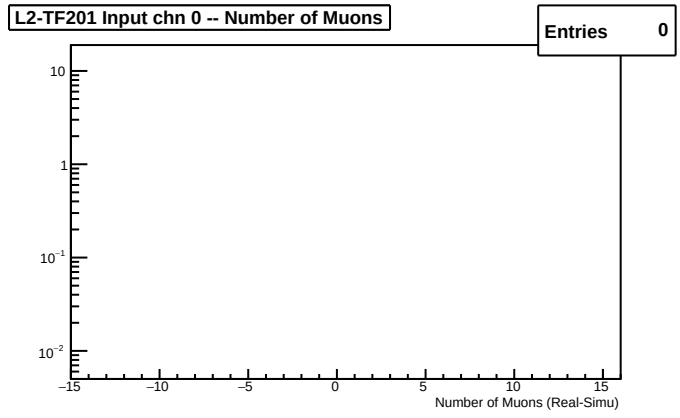

L2-TF201
Entries 7224
Threshold/UPC bits
612 652 570 621 651 622 716
420 380 462 411 381 410 316
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

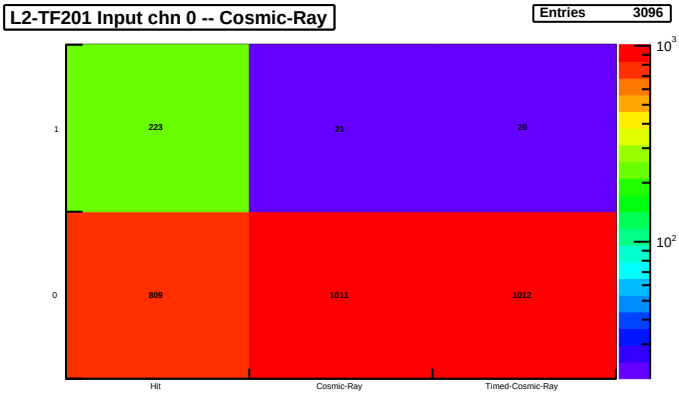

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

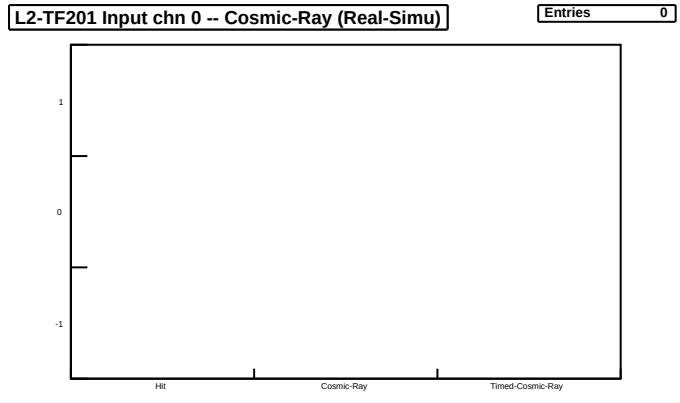

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 8256
Fired
28 25 181 158 118 111 88 115
1004 1007 851 874 914 921 944 917
ET IT EOR WOR EU ED WU WD
Bit

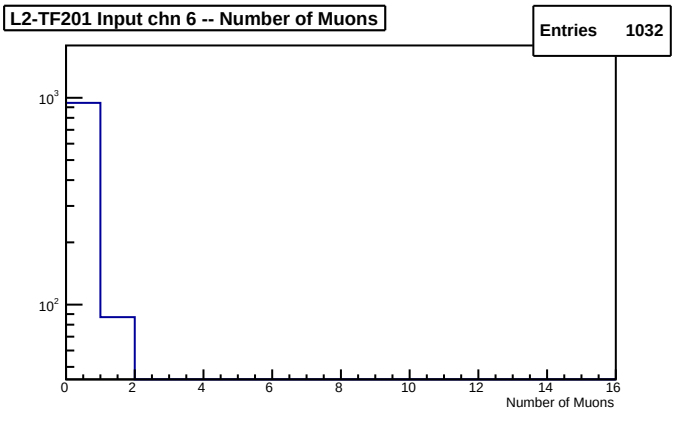

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

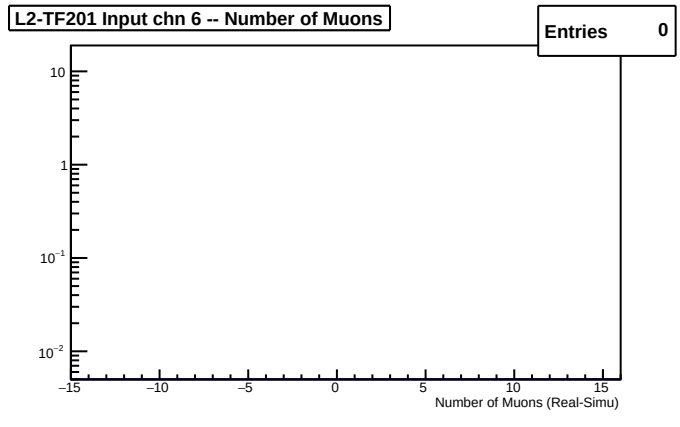

L2-TF201 Input chn 0 -- Number of Muons
Entries 1032
Number of Muons

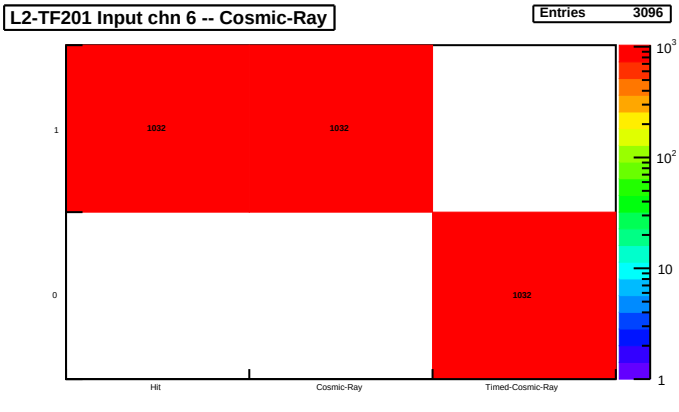

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

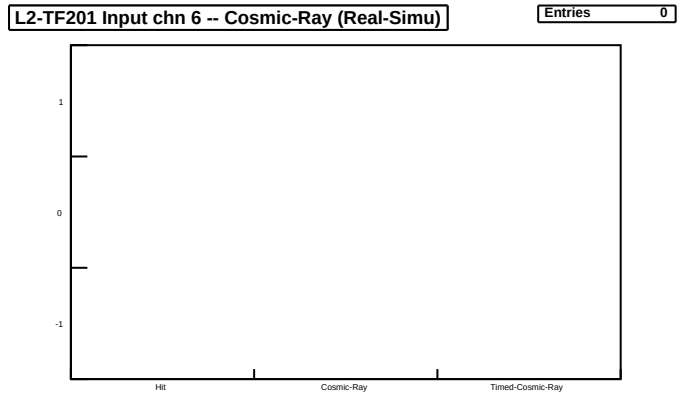

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 3096
223
21
20
809
1011
1012
Hit
Cosmic-Ray
Timed-Cosmic-Ray

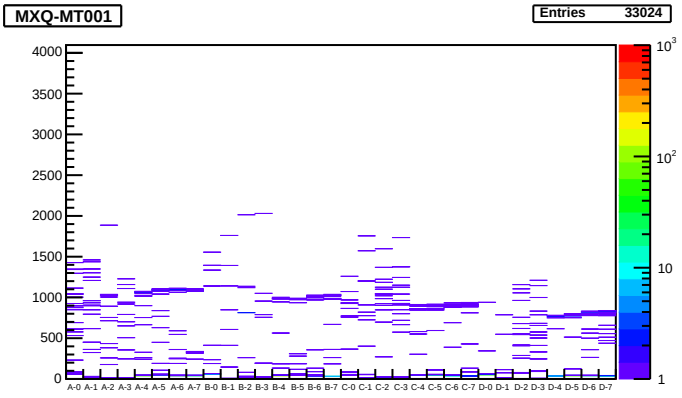

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

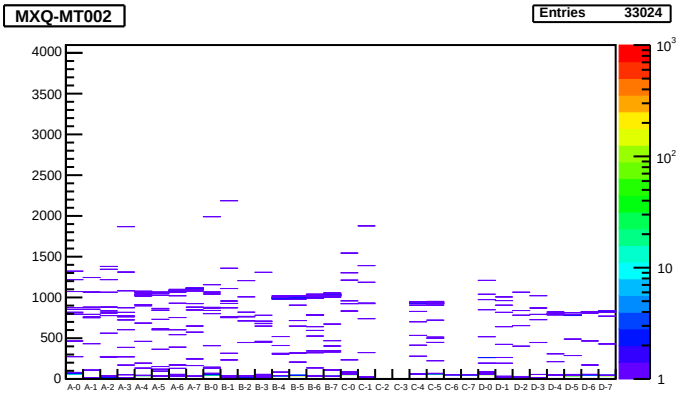

L2-TF201 Input chn 6 -- Number of Muons
Entries 1032
Number of Muons

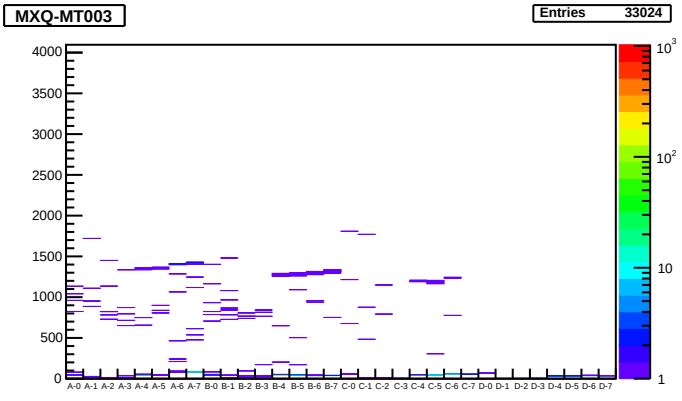

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

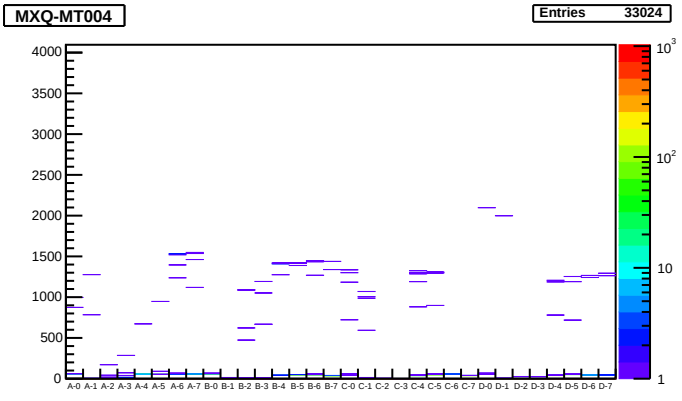

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 3096
1032
1032
1032
Hit
Cosmic-Ray
Timed-Cosmic-Ray

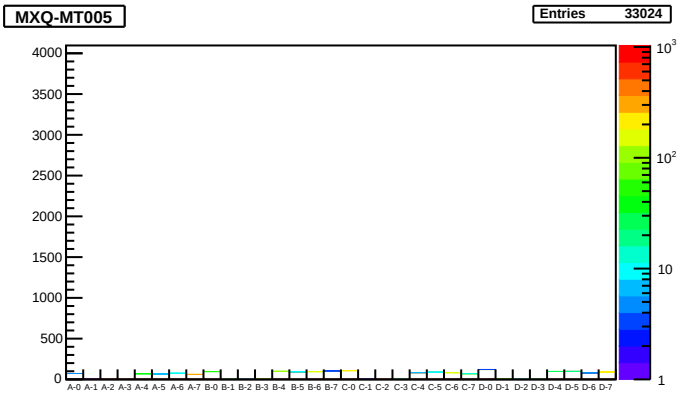

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

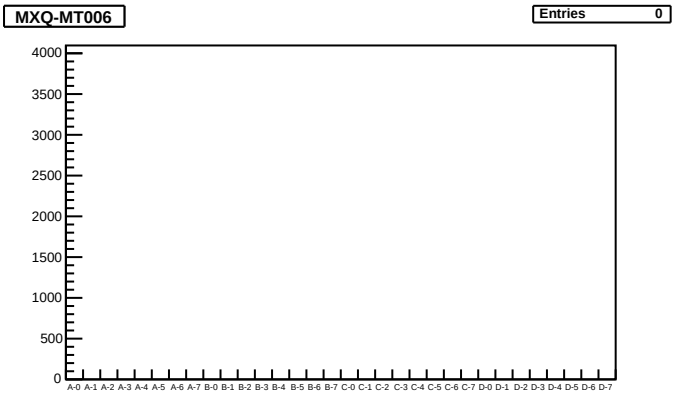

MXQ-MT001
Entries 33024

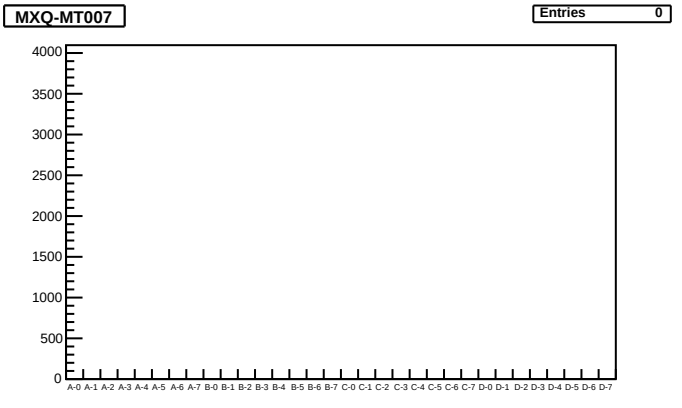

MXQ-MT002
Entries 33024

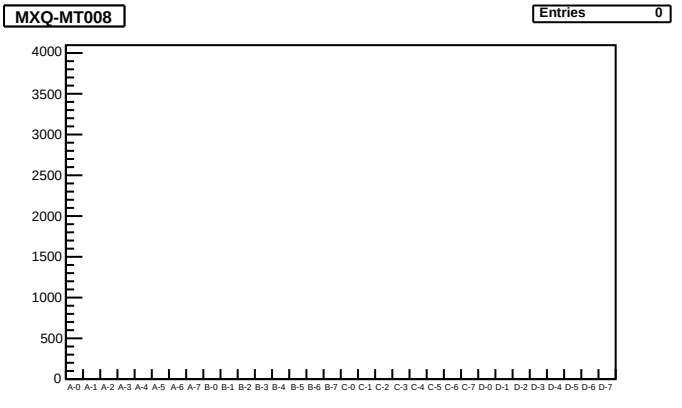

MXQ-MT003
Entries 33024

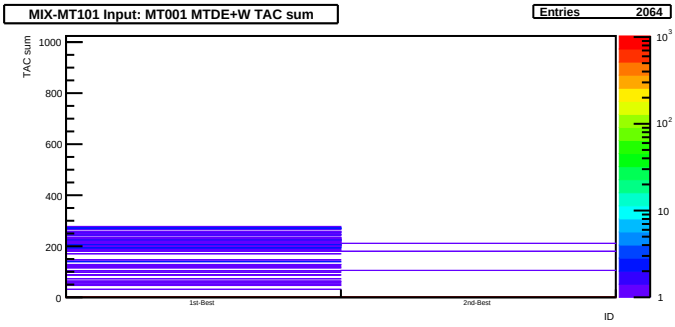

MXQ-MT004
Entries 33024

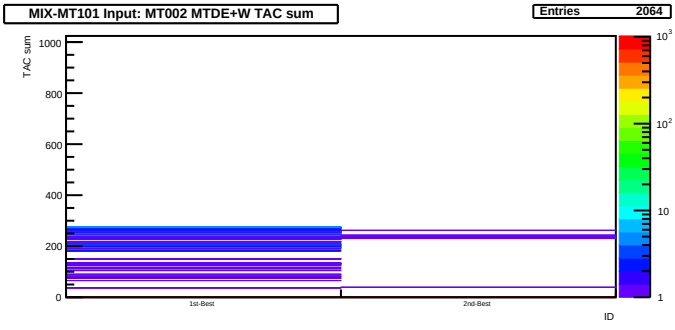

MXQ-MT005
Entries 33024

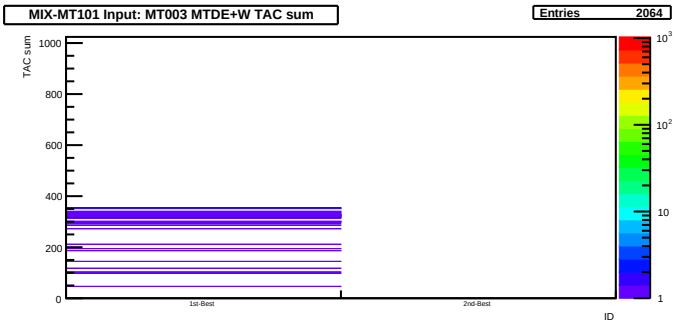

MXQ-MT006
Entries 0

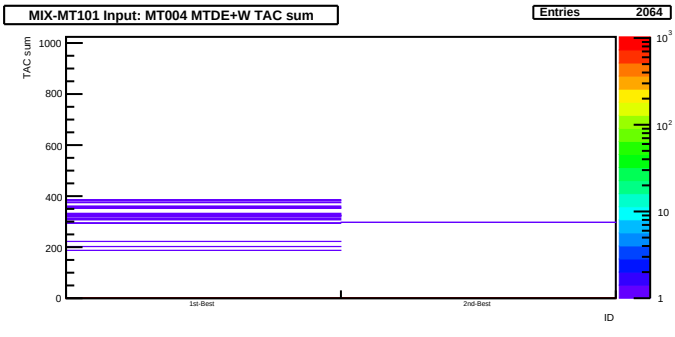

MXQ-MT007
Entries 0

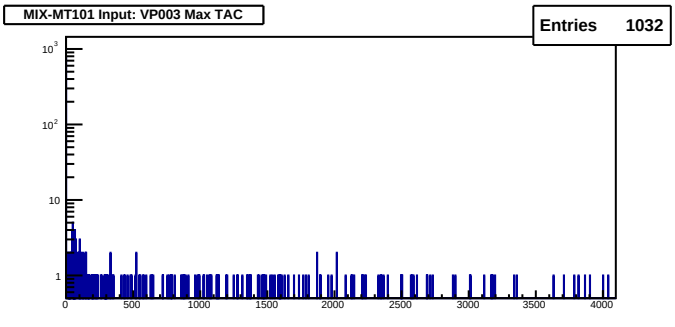

MXQ-MT008
Entries 0

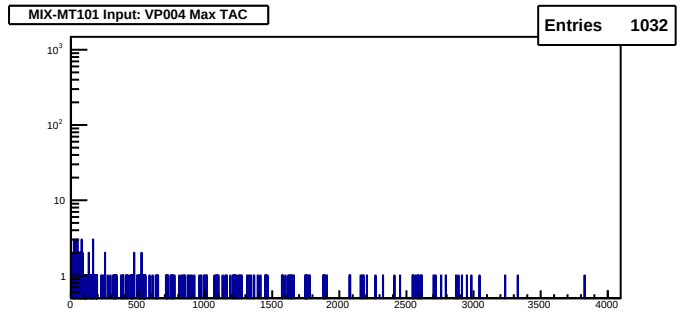

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 2064
TAC sum
1st-Best
2nd-Best
ID

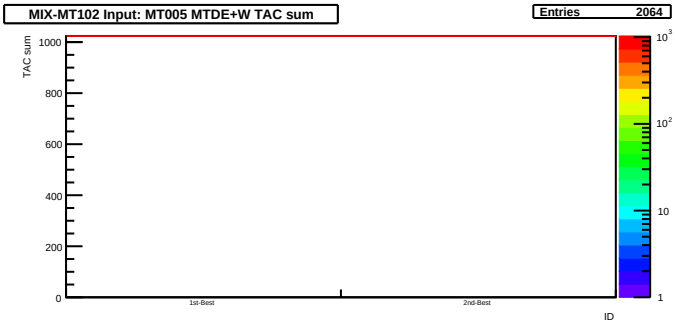

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 2064
TAC sum
1st-Best
2nd-Best
ID

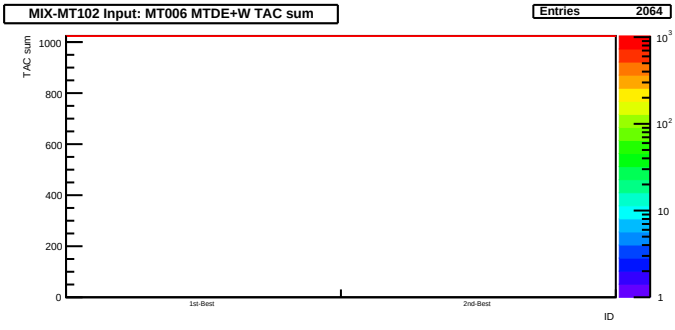

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 2064
TAC sum
1st-Best
2nd-Best
ID

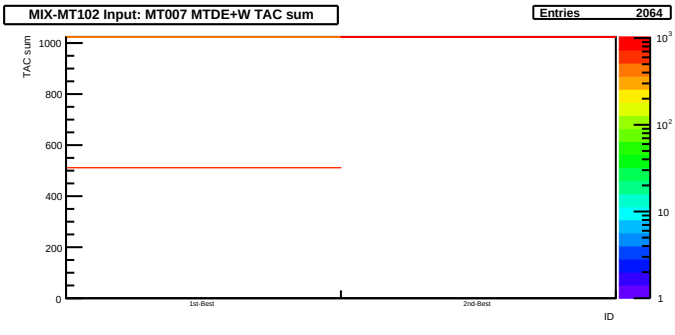

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 2064
TAC sum
1st-Best
2nd-Best
ID

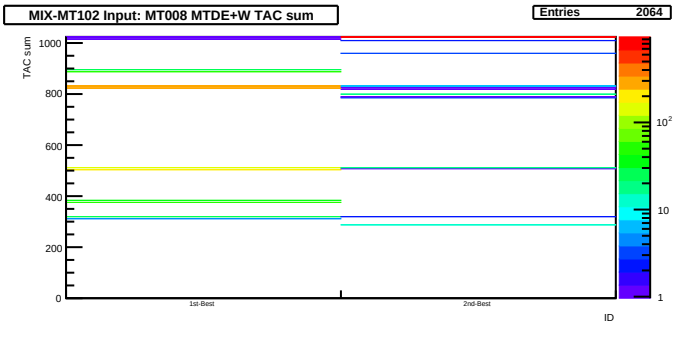

MIX-MT101 Input: VP003 Max TAC
Entries 1032

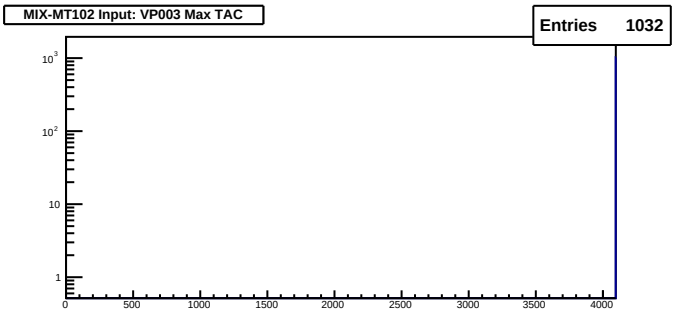

MIX-MT101 Input: VP004 Max TAC
Entries 1032

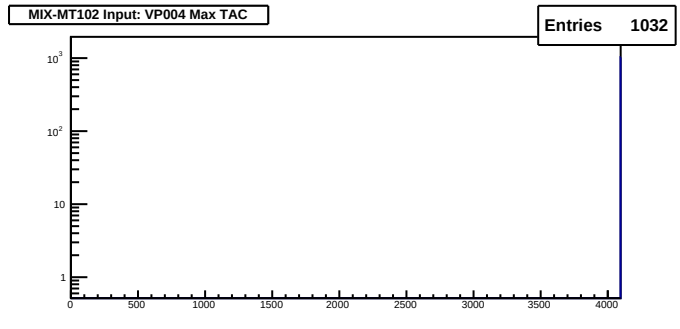

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 2064
TAC sum
1st-Best
2nd-Best
ID

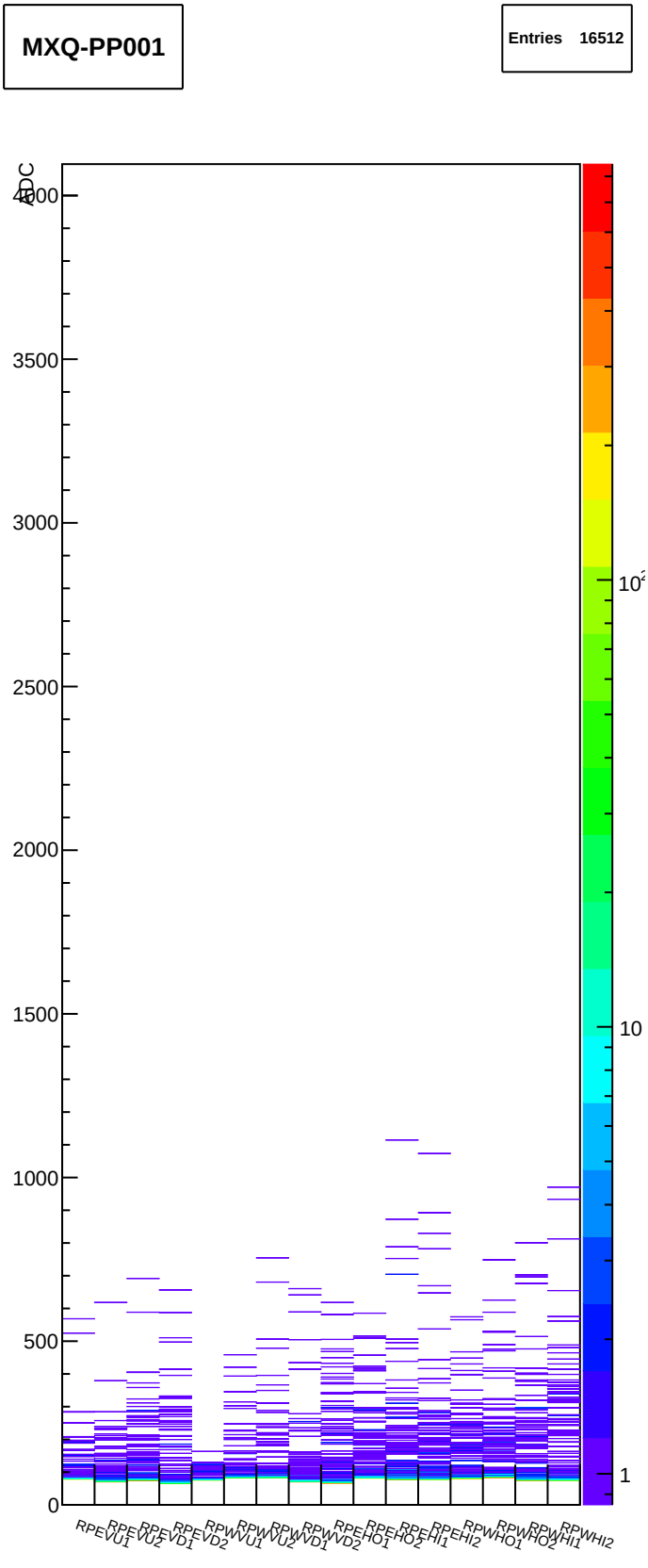

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 2064
TAC sum
1st-Best
2nd-Best
ID

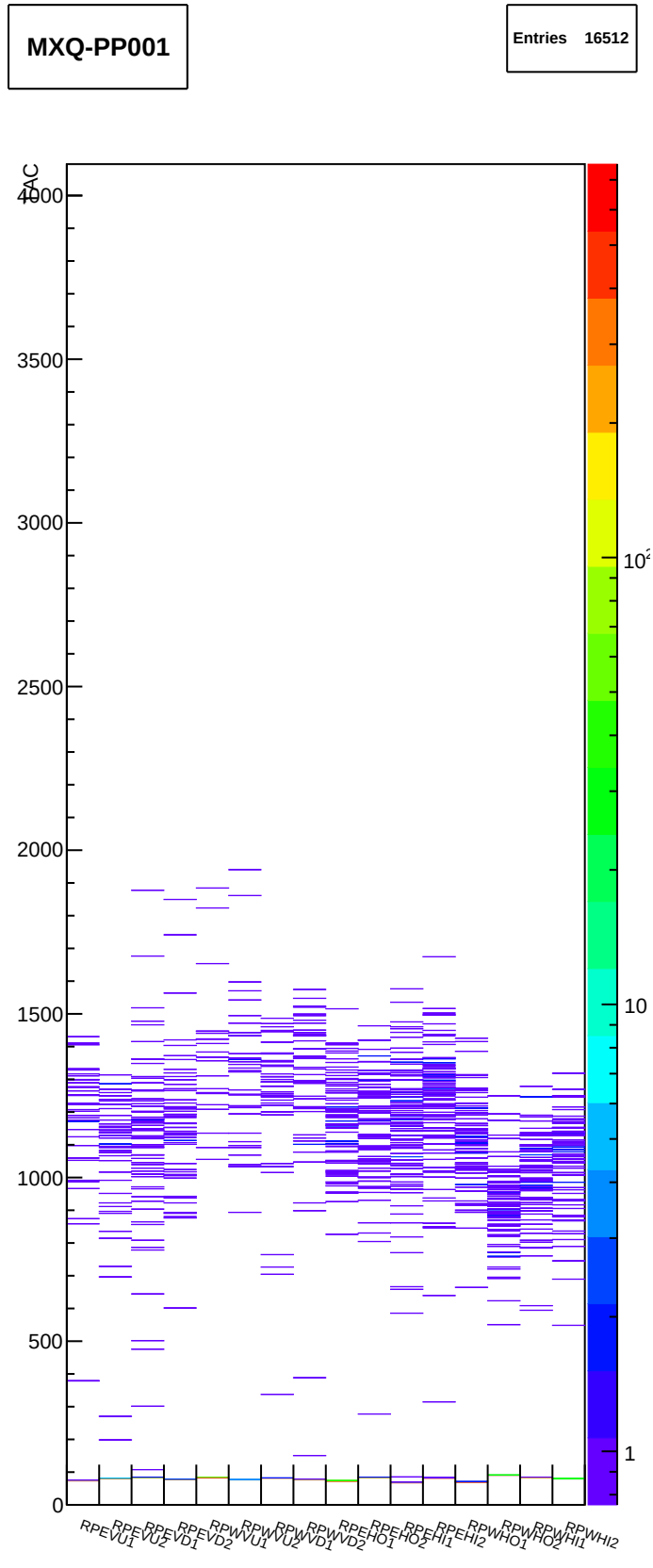

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 2064
TAC sum
1st-Best
2nd-Best
ID

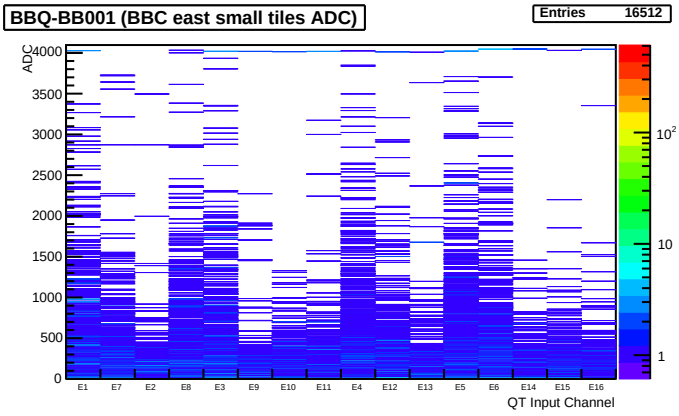

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 2064
TAC sum
1st-Best
2nd-Best
ID

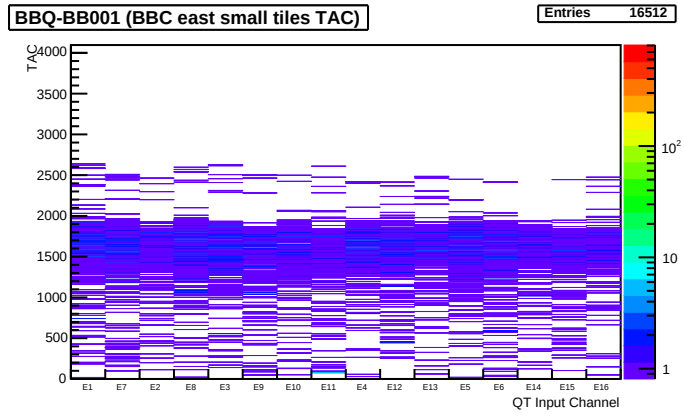

MIX-MT102 Input: VP003 Max TAC
Entries 1032

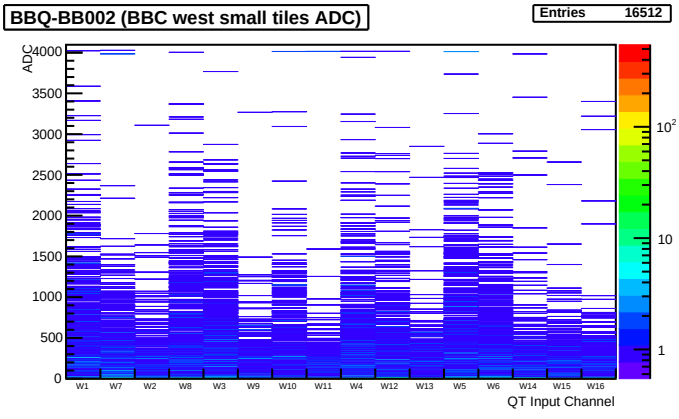

MIX-MT102 Input: VP004 Max TAC
Entries 1032

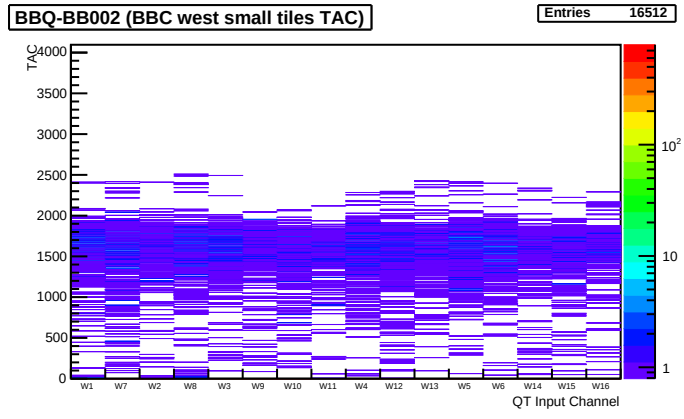

MXQ-PP001
Entries 16512
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10²
10
1

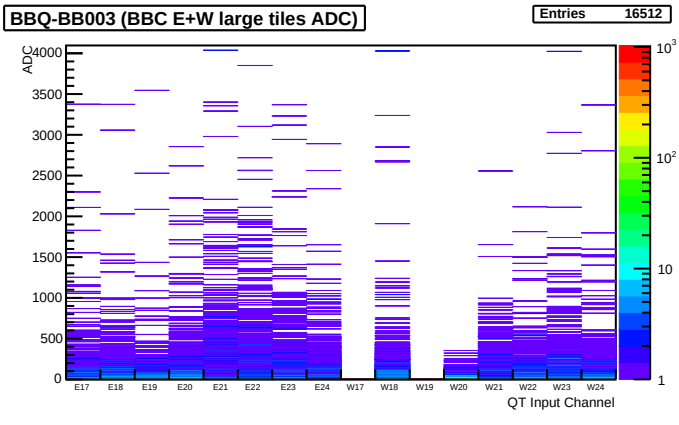

MXQ-PP001
Entries 16512
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10²
10
1

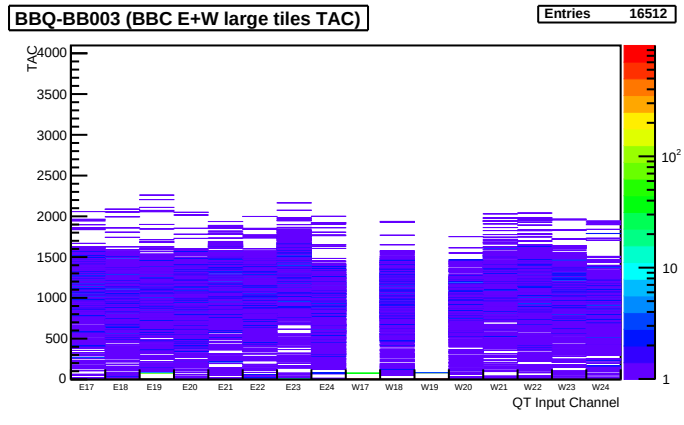

BBQ-BB001 (BBC east small tiles ADC)
Entries 16512
ADC
QT Input Channel

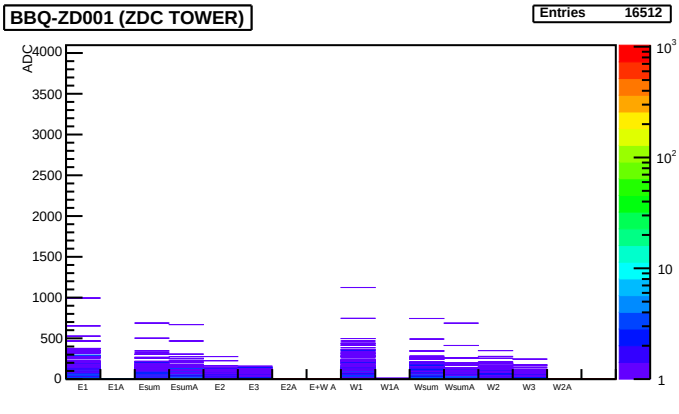

BBQ-BB001 (BBC east small tiles TAC)
Entries 16512
TAC
QT Input Channel

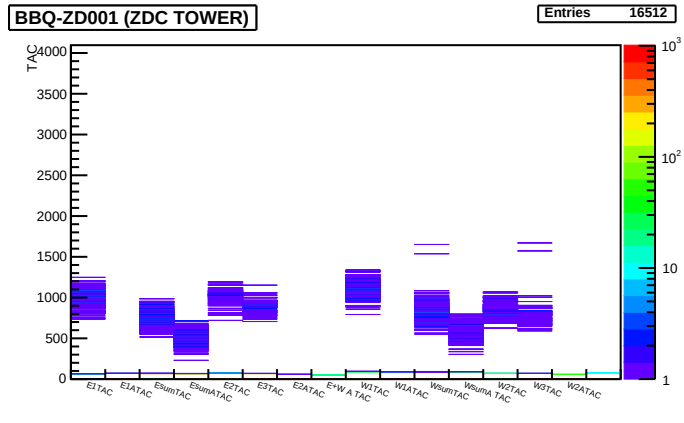

BBQ-BB002 (BBC west small tiles ADC)
Entries 16512
ADC
QT Input Channel

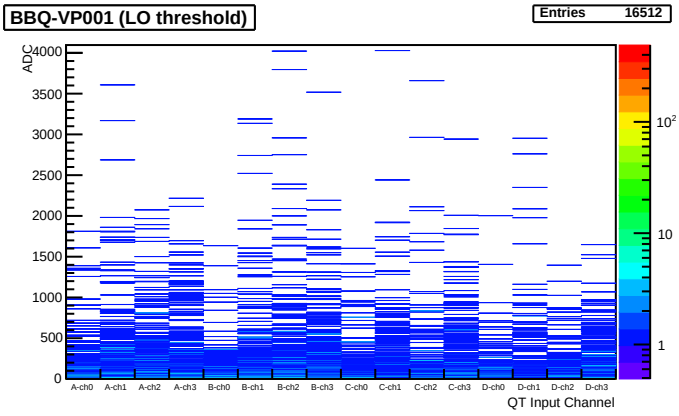

BBQ-BB002 (BBC west small tiles TAC)
Entries 16512
TAC
QT Input Channel

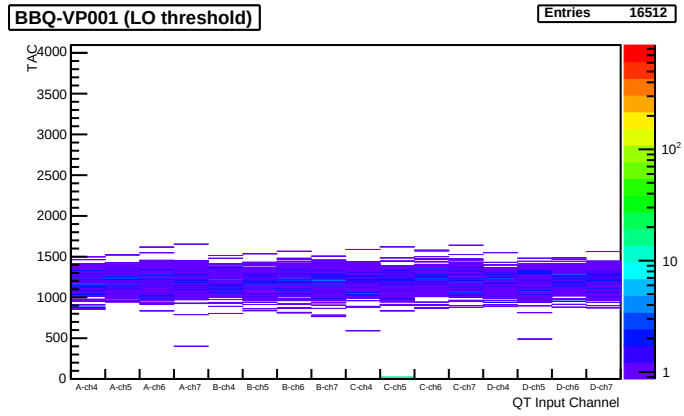

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 16512
ADC
QT Input Channel

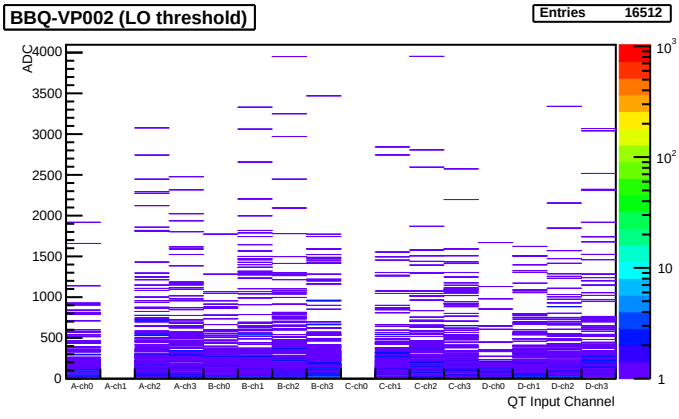

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 16512
TAC
QT Input Channel

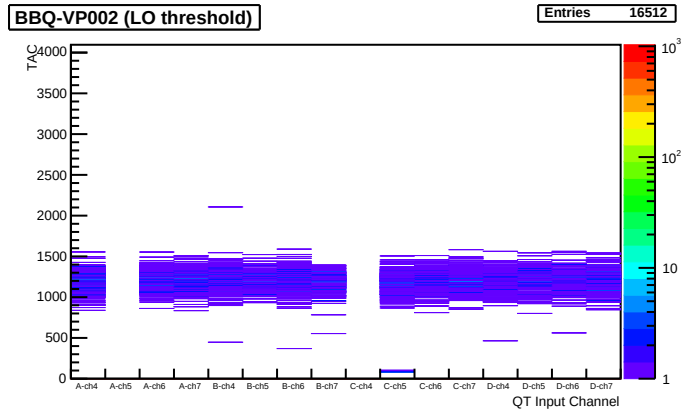

BBQ-ZD001 (ZDC TOWER)
Entries 16512
ADC

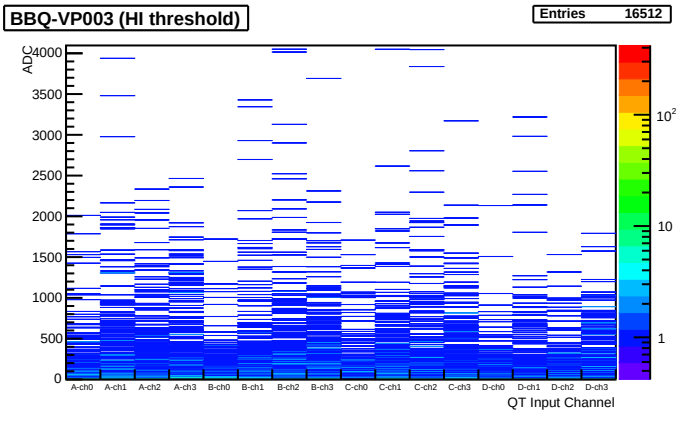

BBQ-ZD001 (ZDC TOWER)
Entries 16512
TAC

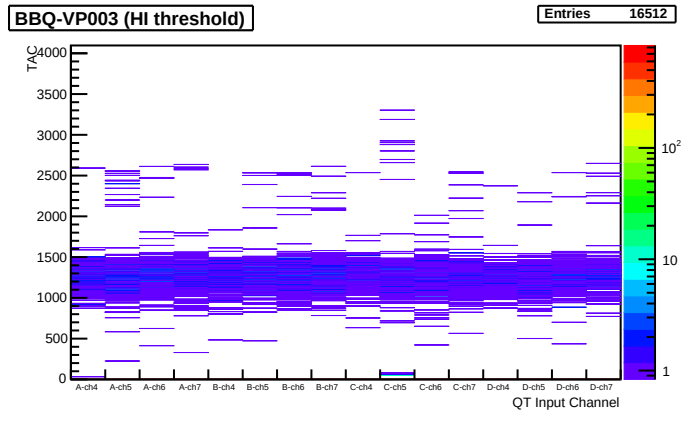

BBQ-VP001 (LO threshold)
Entries 16512
ADC
QT Input Channel

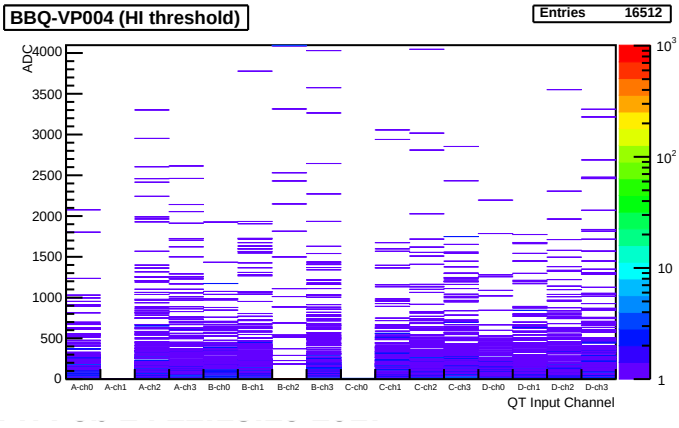

BBQ-VP001 (LO threshold)
Entries 16512
TAC
QT Input Channel

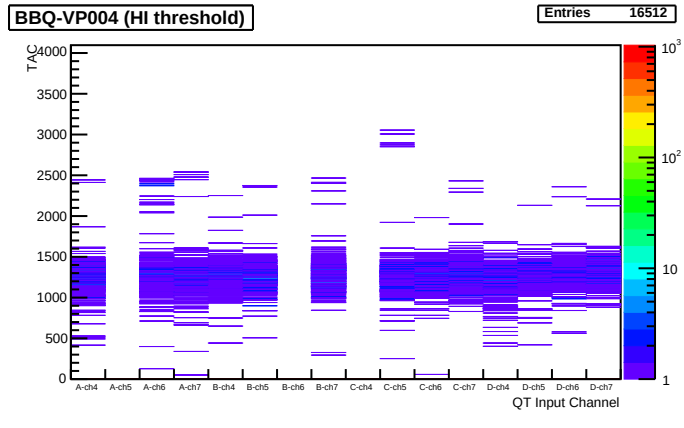

BBQ-VP002 (LO threshold)
Entries 16512
ADC
QT Input Channel

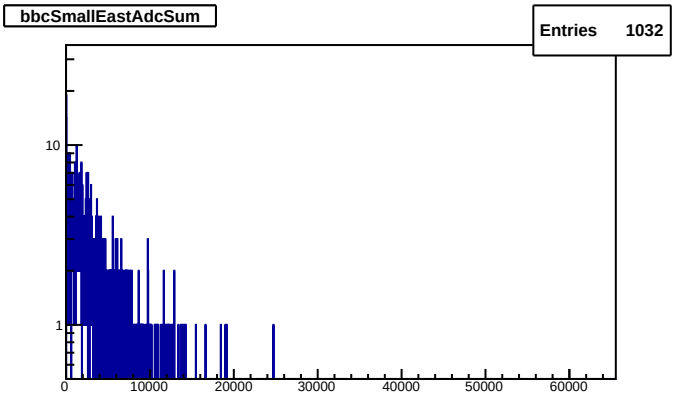

BBQ-VP002 (LO threshold)
Entries 16512
TAC
QT Input Channel

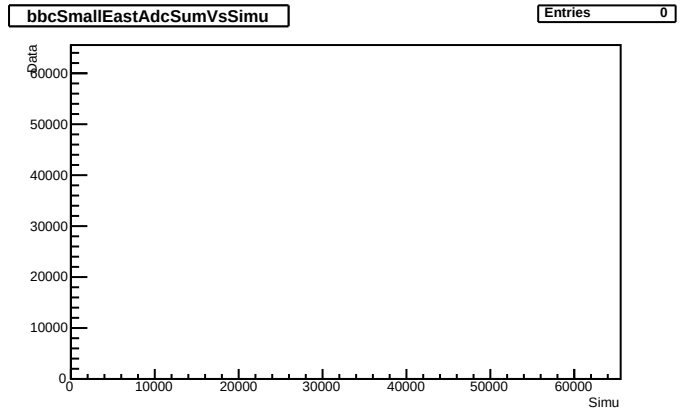

BBQ-VP003 (HI threshold)
Entries 16512
ADC
QT Input Channel

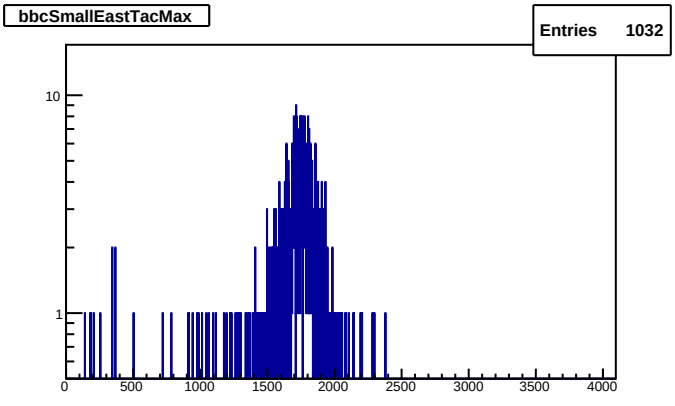

BBQ-VP003 (HI threshold)
Entries 16512
TAC
QT Input Channel

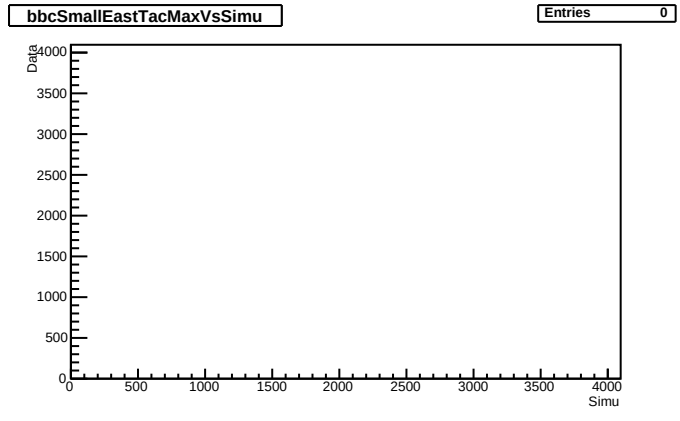

BBQ-VP004 (HI threshold)
Entries 16512
ADC
QT Input Channel

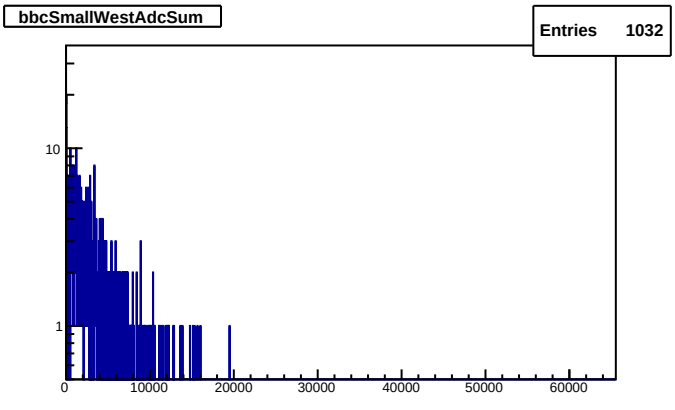

BBQ-VP004 (HI threshold)
Entries 16512
TAC
QT Input Channel

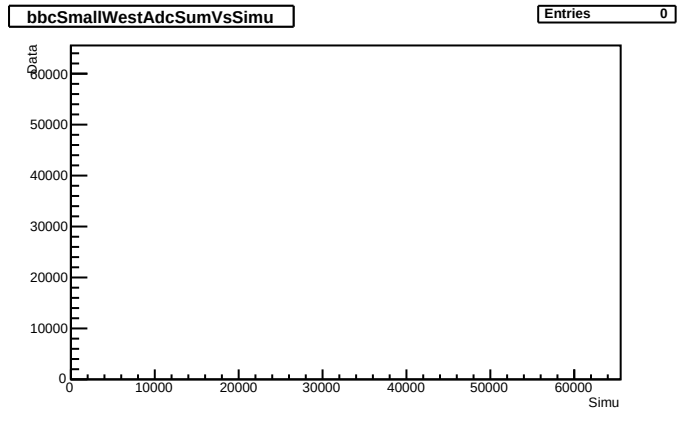

bbcSmallEastAdcSum
Entries 1032
10
1
0
10000
20000
30000
40000
50000
60000

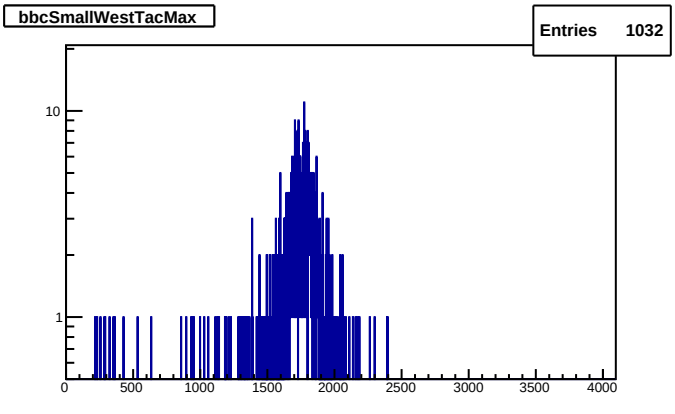

bbcSmallEastAdcSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0
10000
20000
30000
40000
50000
60000
Simu

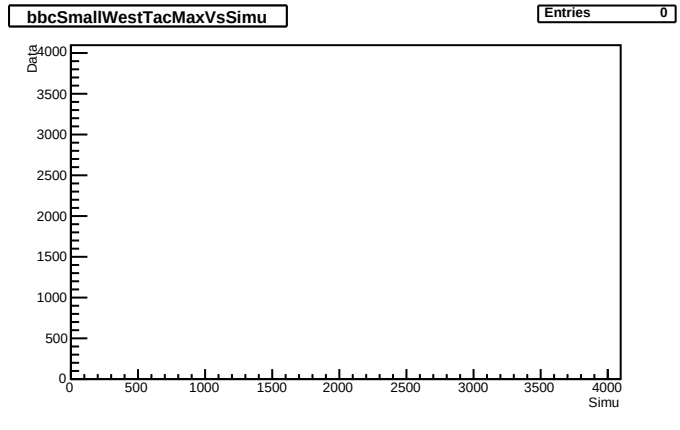

bbcSmallEastTacMax
Entries 1032
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

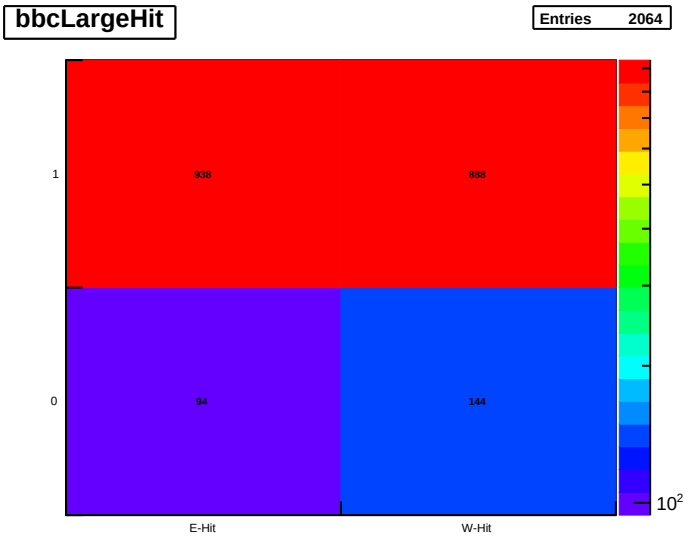

bbcSmallEastTacMaxVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0
500
1000
1500
2000
2500
3000
3500
4000
Simu

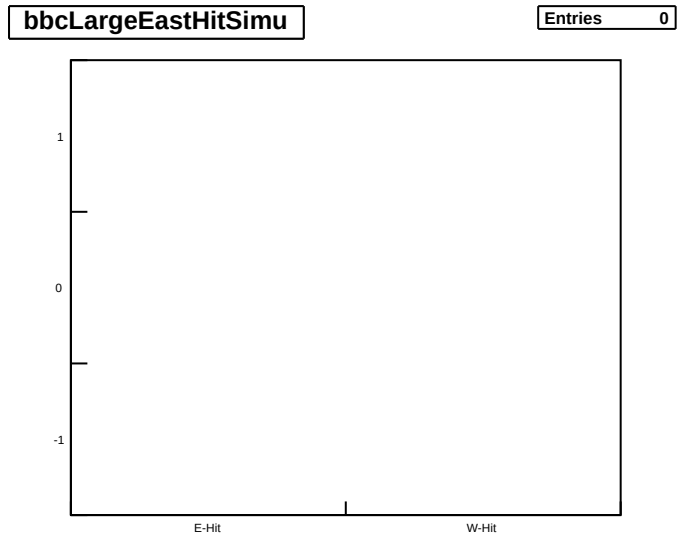

bbcSmallWestAdcSum
Entries 1032
10
1
0
10000
20000
30000
40000
50000
60000

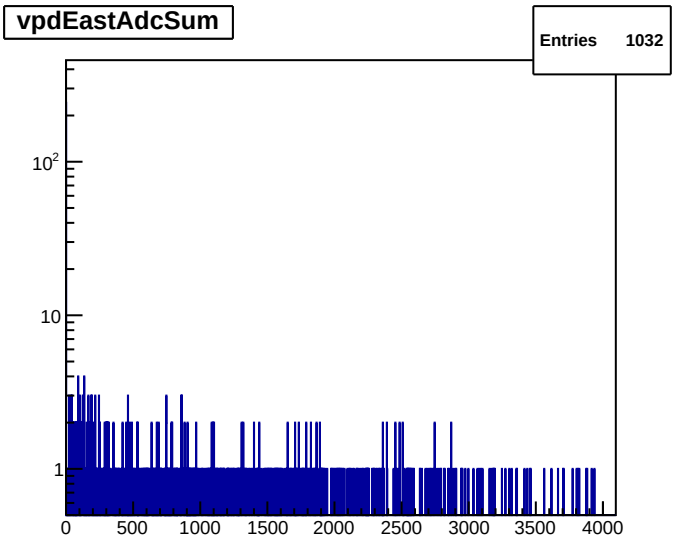

bbcSmallWestAdcSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0
10000
20000
30000
40000
50000
60000
Simu

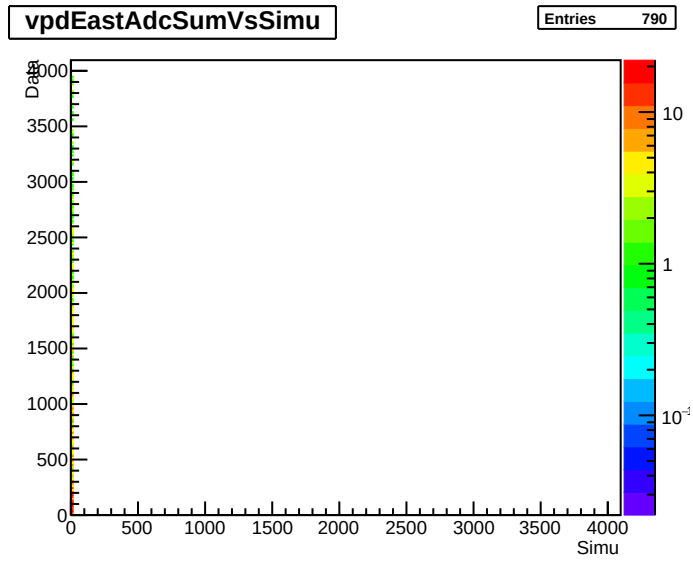

bbcSmallWestTacMax
Entries 1032
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

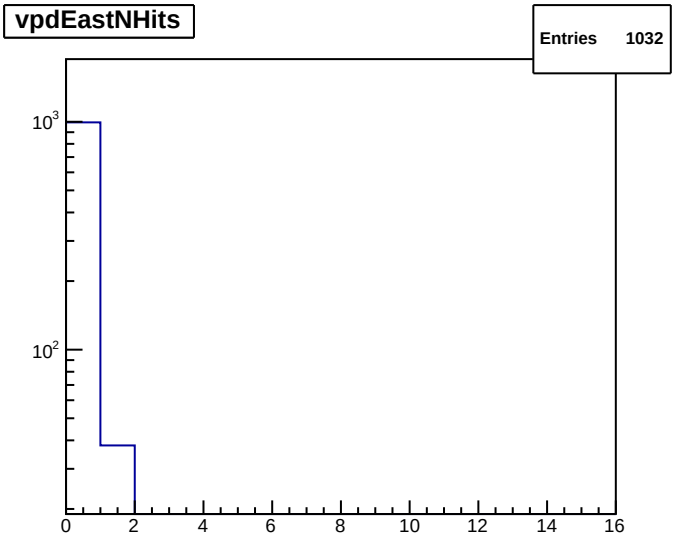

bbcSmallWestTacMaxVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0
500
1000
1500
2000
2500
3000
3500
4000
Simu

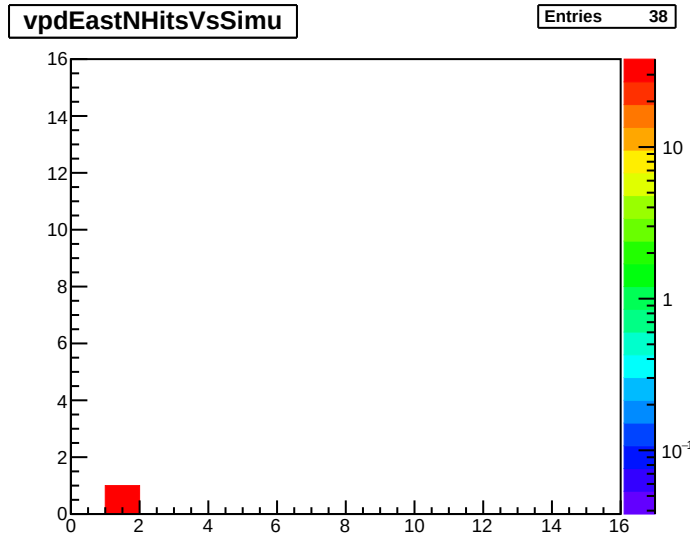

bbcLargeHit
Entries 2064
1
0
938
888
94
144
E-Hit
W-Hit
10^2

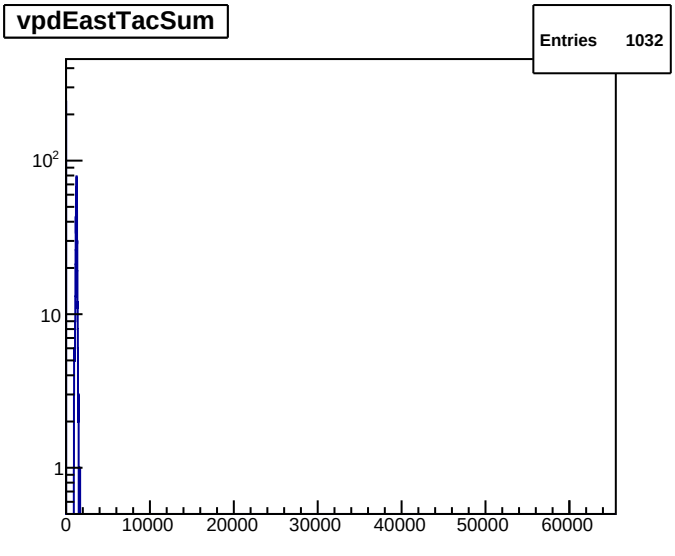

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

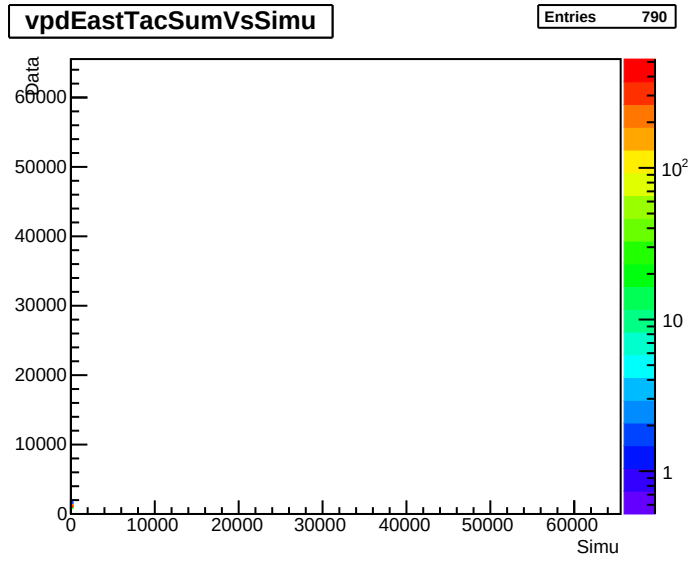

vpdEastAdcSum
Entries 1032

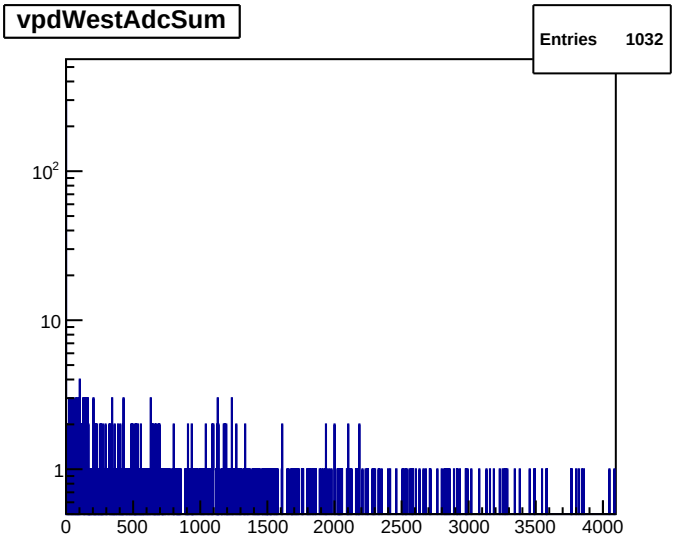

vpdEastAdcSumVsSimu
Entries 790
Data
Simu

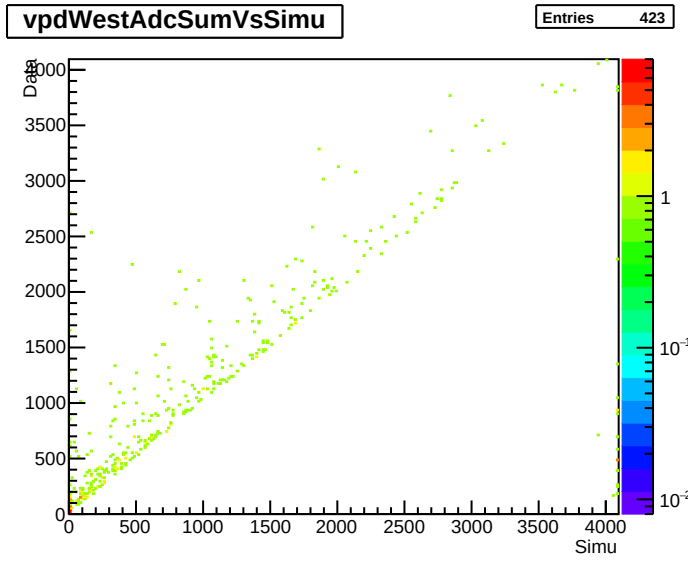

vpdEastNHits
Entries 1032

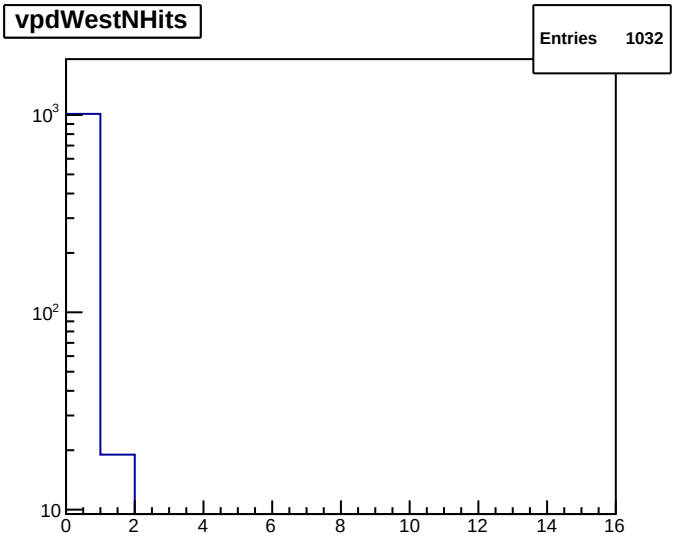

vpdEastNHitsVsSimu
Entries 38

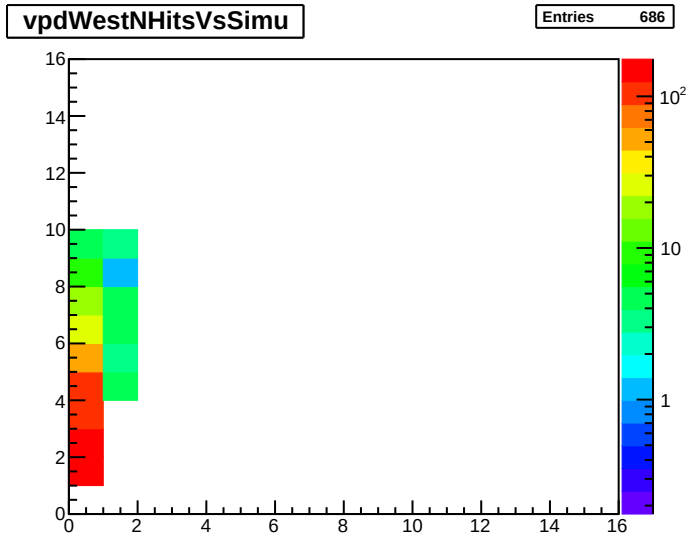

vpdEastTacSum
Entries 1032

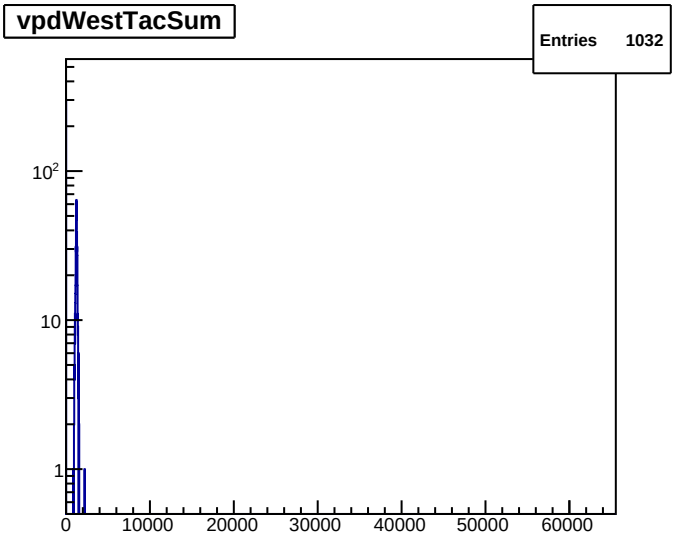

vpdEastTacSumVsSimu
Entries 790
Data
Simu

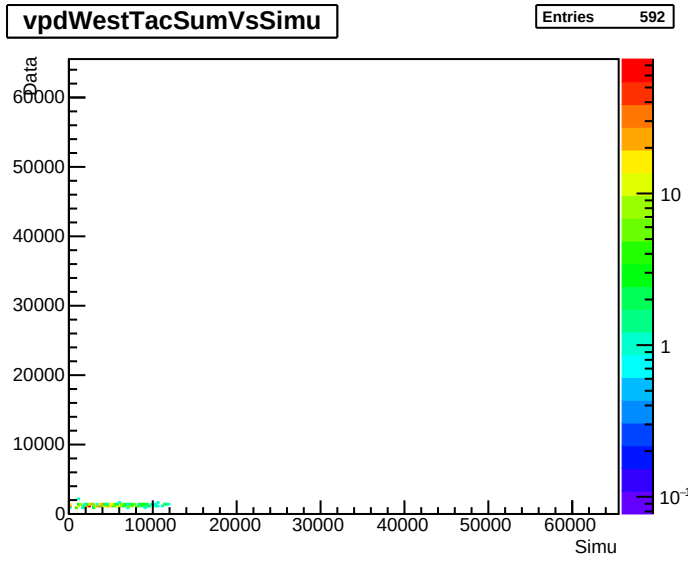

vpdWestAdcSum
Entries 1032

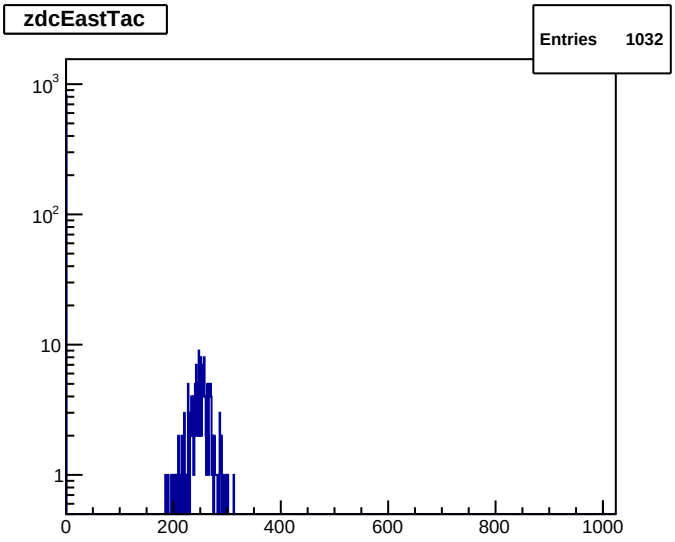

vpdWestAdcSumVsSimu
Entries 423
Data
Simu

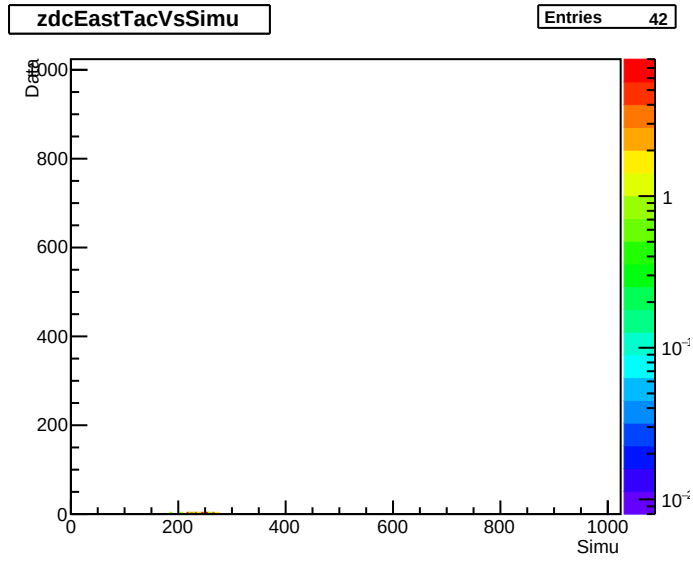

vpdWestNHits
Entries 1032

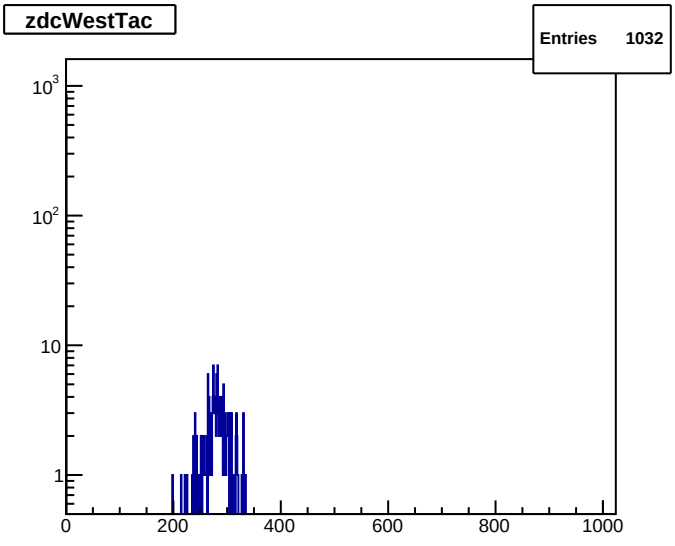

vpdWestNHitsVsSimu
Entries 686

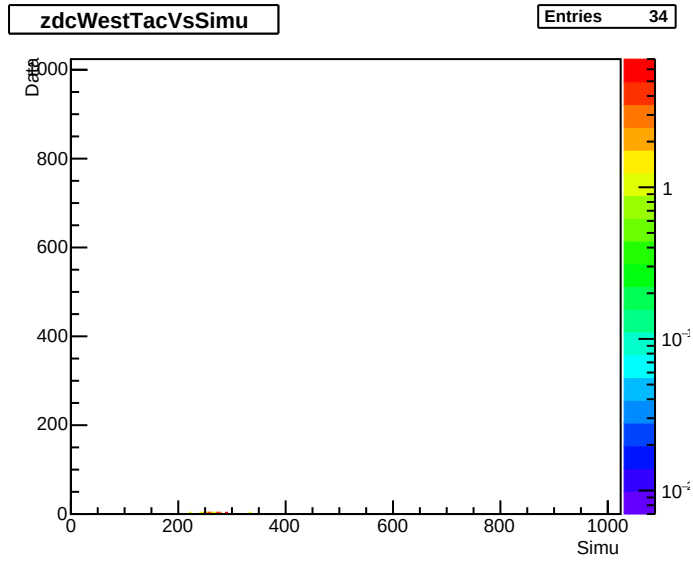

vpdWestTacSum
Entries 1032

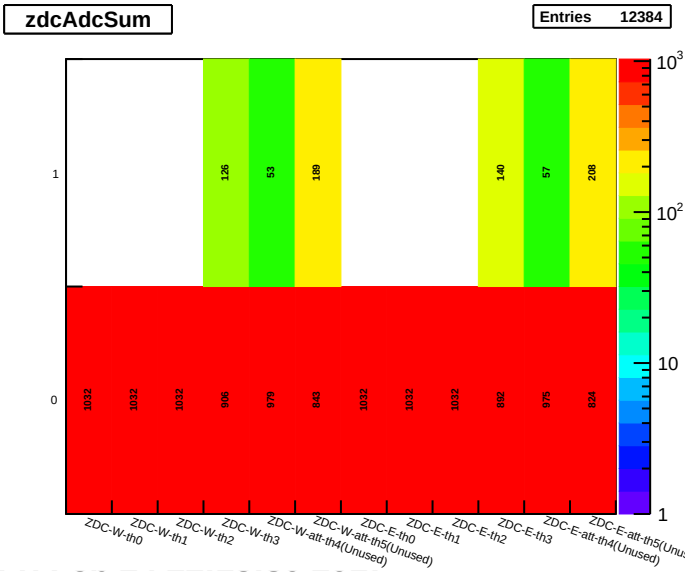

vpdWestTacSumVsSimu
Entries 592
Data
Simu

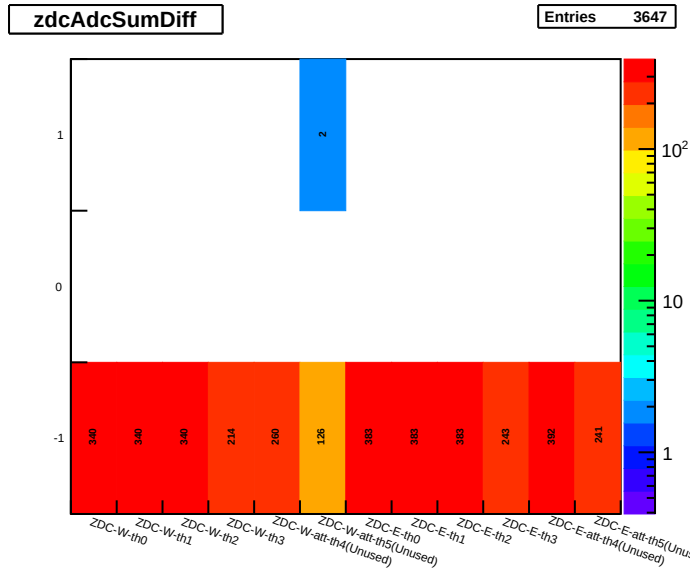

zdcEastTac
Entries 1032
10^3
10^2
10
1
0
200
400
600
800
1000

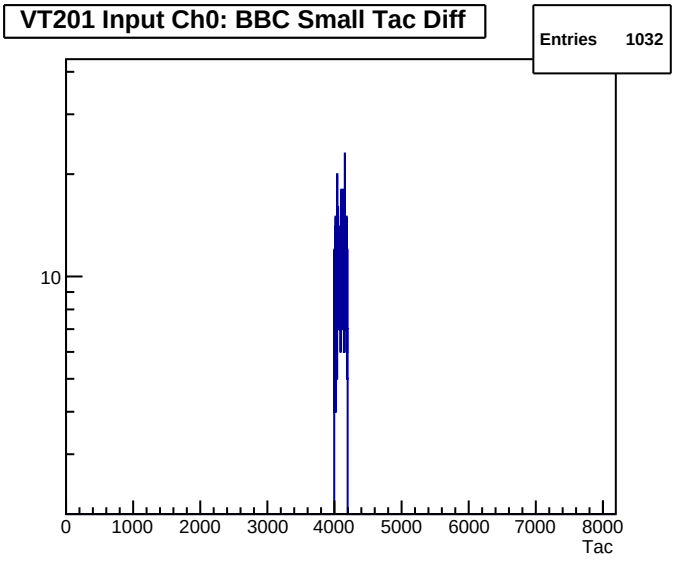

zdcEastTacVsSimu
Entries 42
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu
1
10^{-1}
10^{-2}

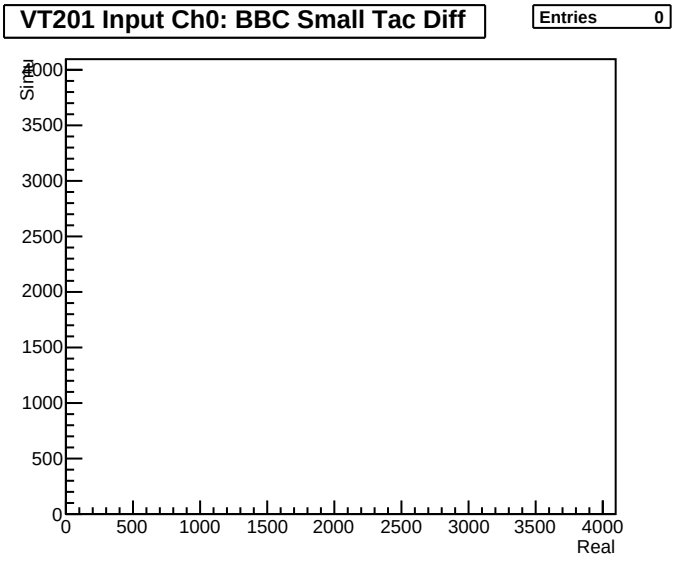

zdcWestTac
Entries 1032
10^3
10^2
10
1
0
200
400
600
800
1000

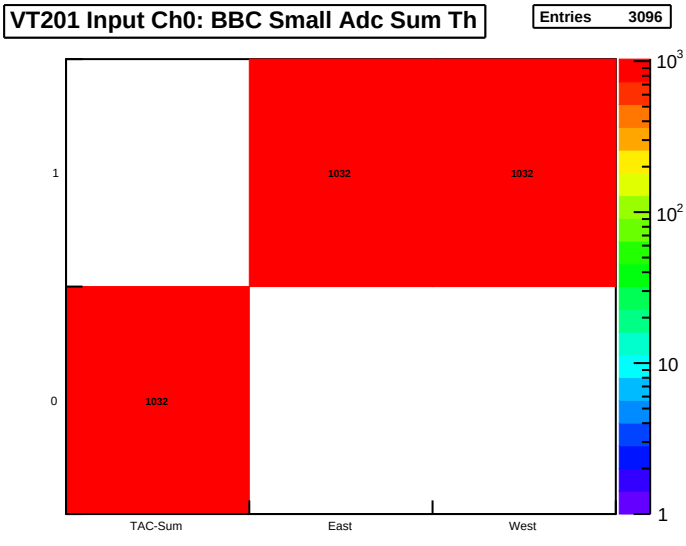

zdcWestTacVsSimu
Entries 34
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu
1
10^{-1}
10^{-2}

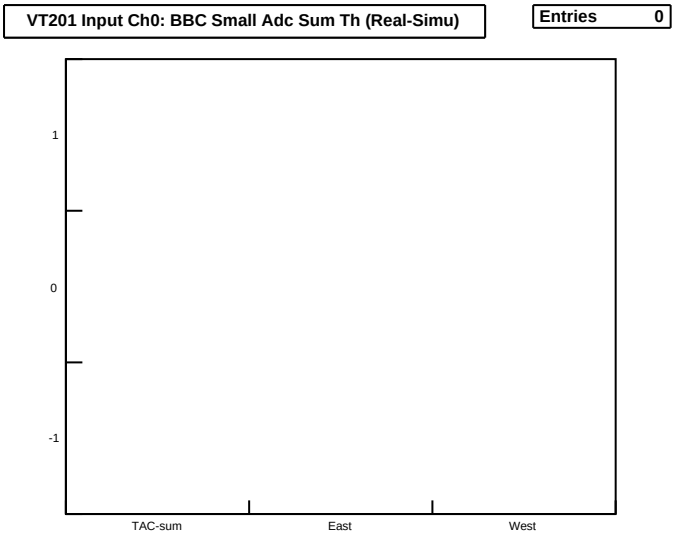

zdcAdcSum
Entries 12384
1
0
126
53
189
140
57
208
1032
1032
1032
906
979
843
1032
1032
1032
892
975
824
10^3
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

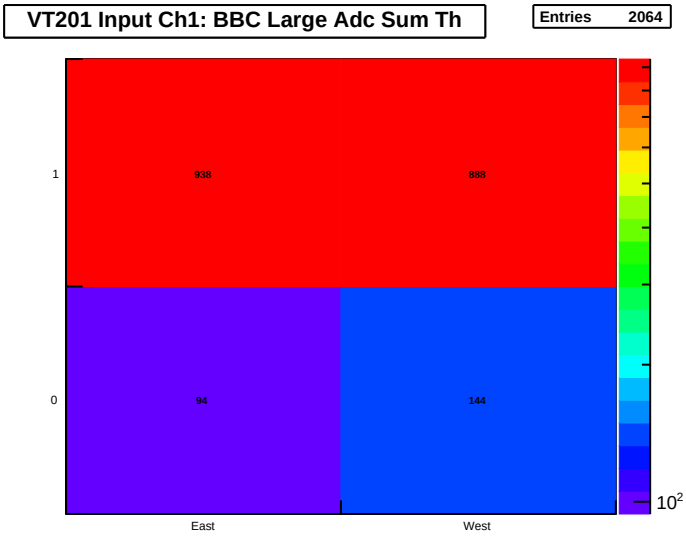

zdcAdcSumDiff
Entries 3647
1
0
-1
2
340
340
340
214
260
126
383
383
383
243
392
241
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

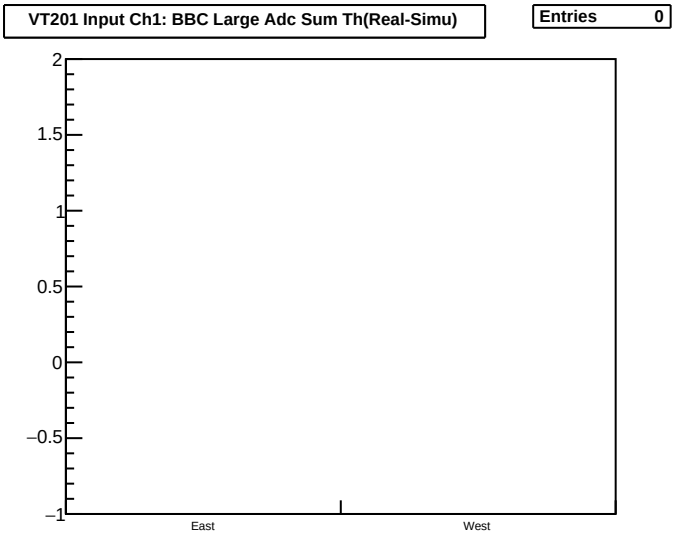

VT201 Input Ch0: BBC Small Tac Diff
Entries 1032
10
0 1000 2000 3000 4000 5000 6000 7000 8000
Tac


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

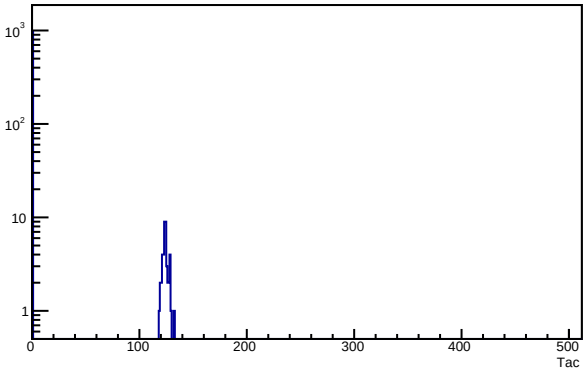

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 3096
1
0
1032
1032
1032
TAC-Sum
East
West
10^3
10^2
10
1


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

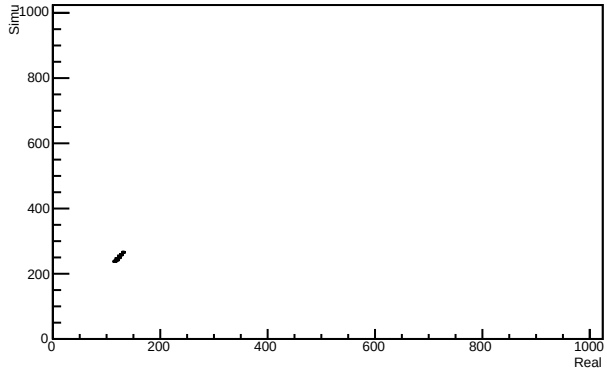

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 2064
1
0
938
888
94
144
East
West
10^2


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

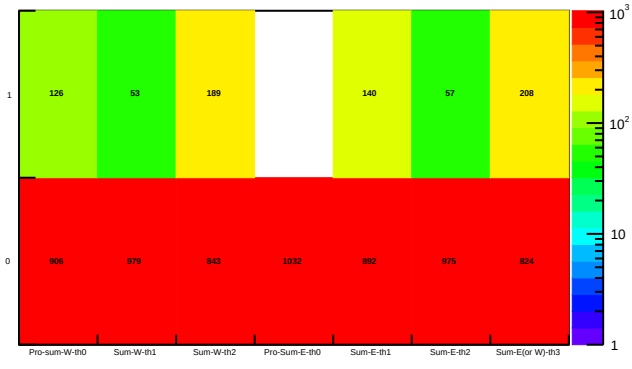
VT201 Input Ch2: ZDC Tac Diff



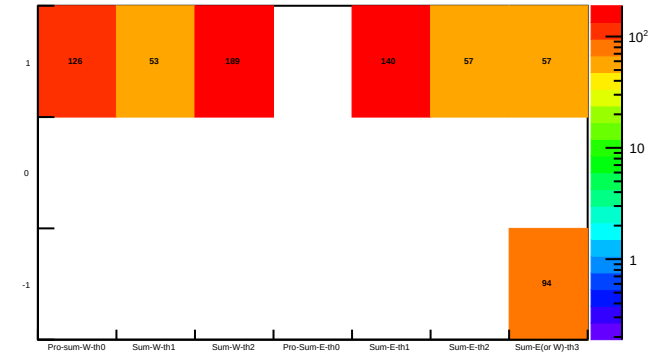
VT201 Input Ch2: ZDC Tac Diff



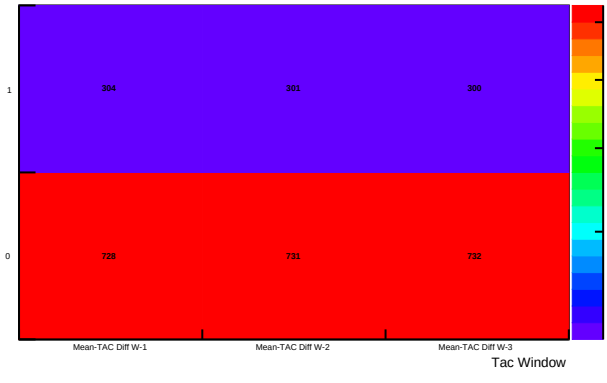
VT201 Input Ch2: ZDC Adc Sum Th



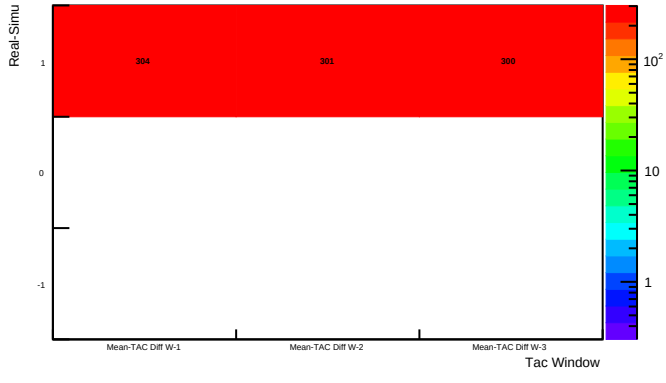
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



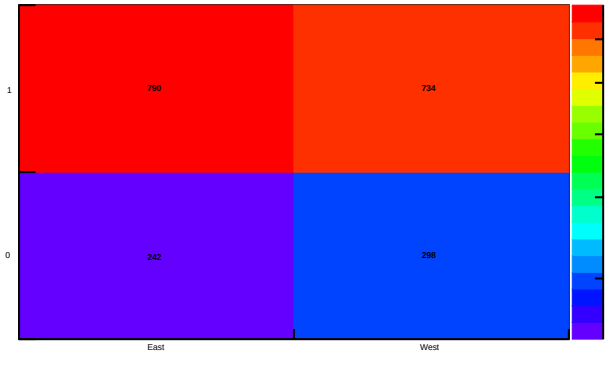
VT201 Input Ch4: VPD Tac Diff



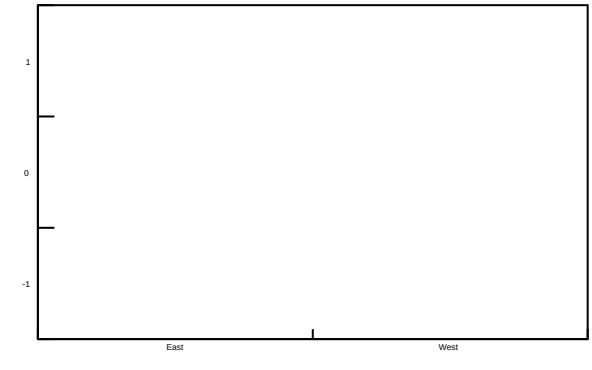
VT201 Input Ch4: VPD Tac Diff

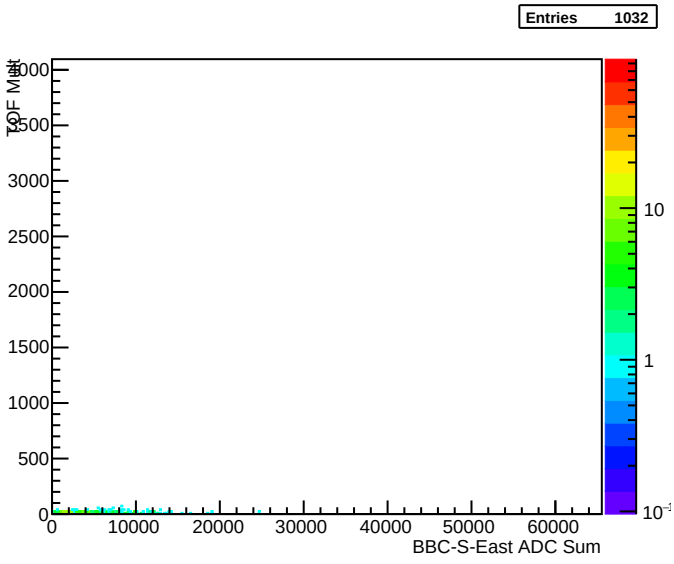


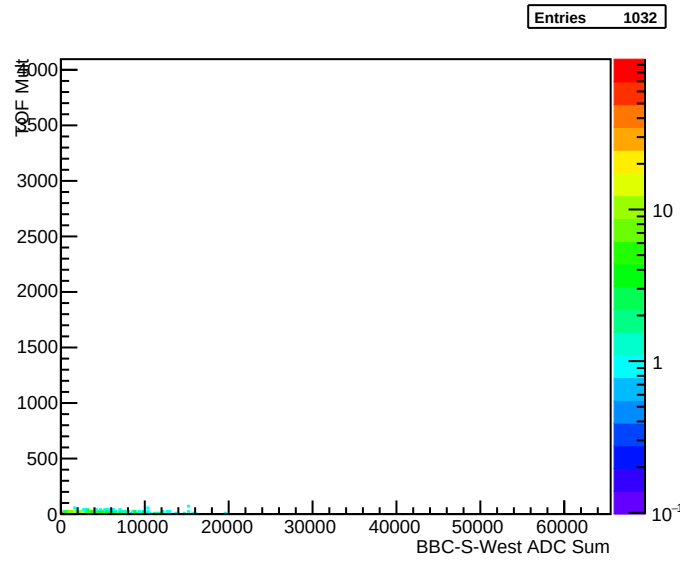
VT201 Input Ch4: VPD Adc Sum Th

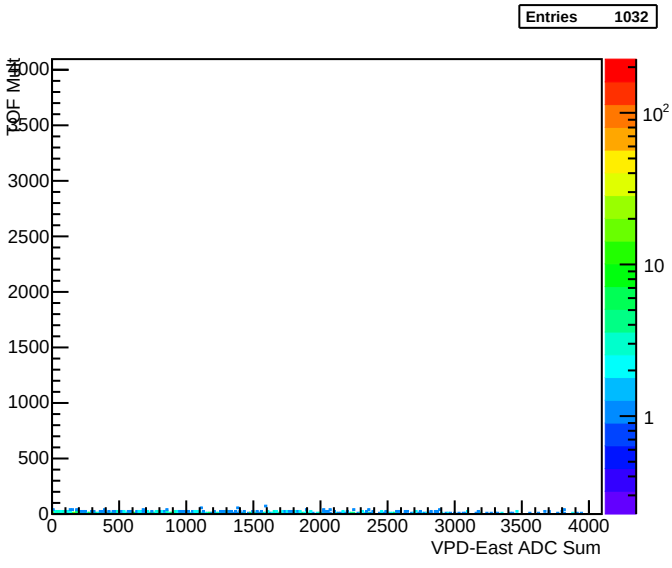


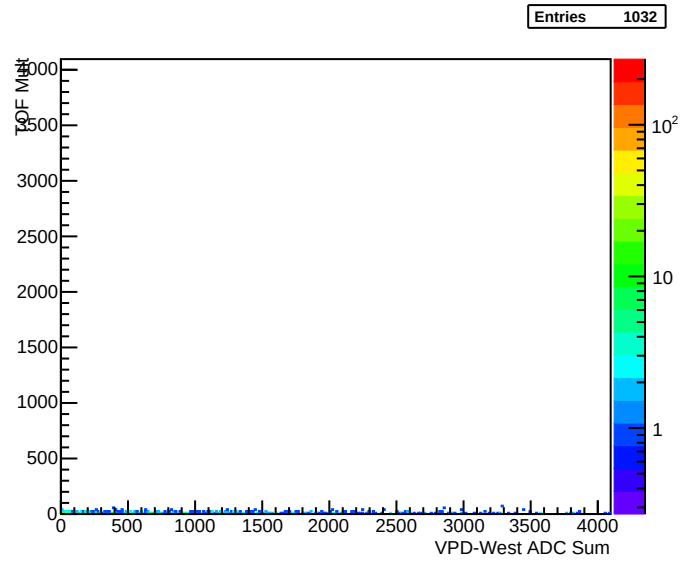
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

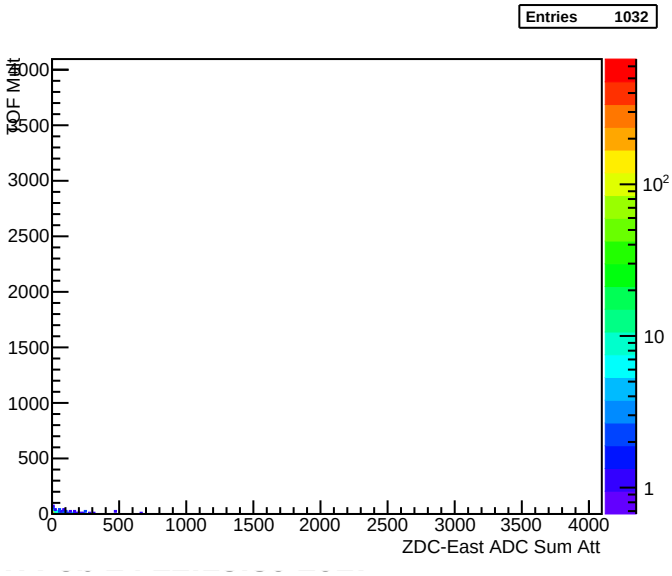


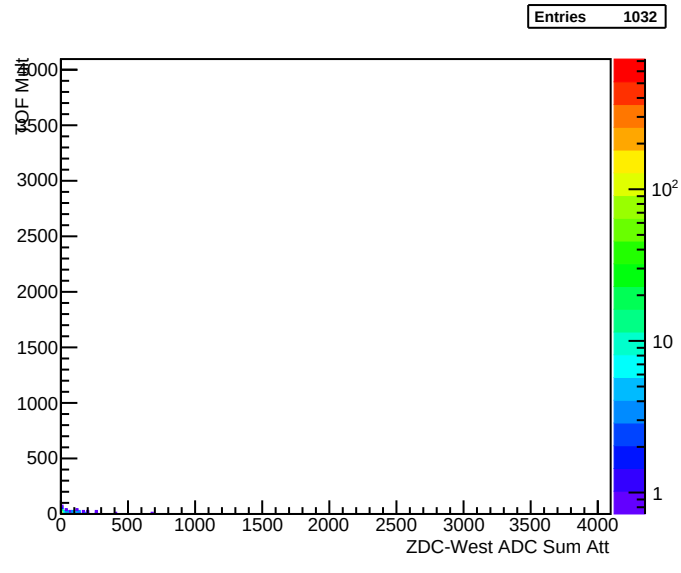

Entries 1032
TOF Mult
BBC-S-East ADC Sum

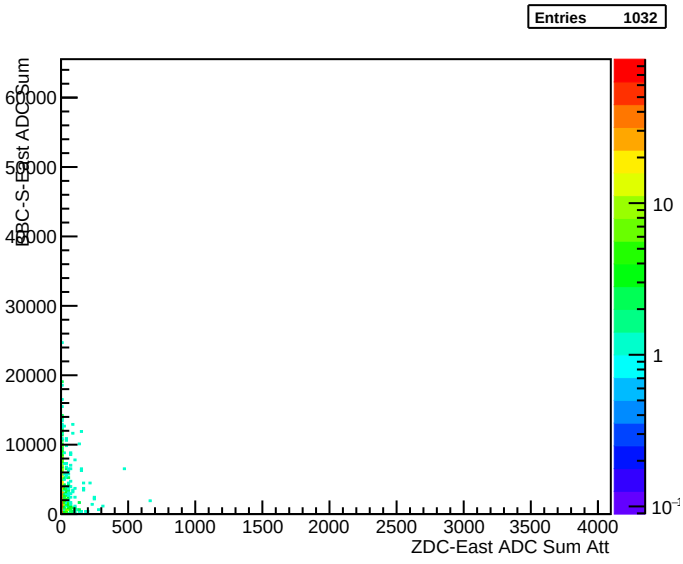

Entries 1032
TOF Mult
BBC-S-West ADC Sum

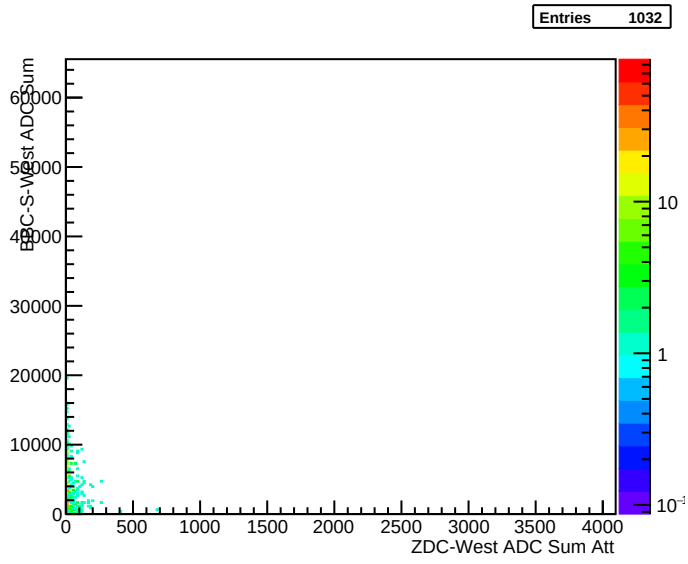

Entries 1032
TOF Mult
VPD-East ADC Sum

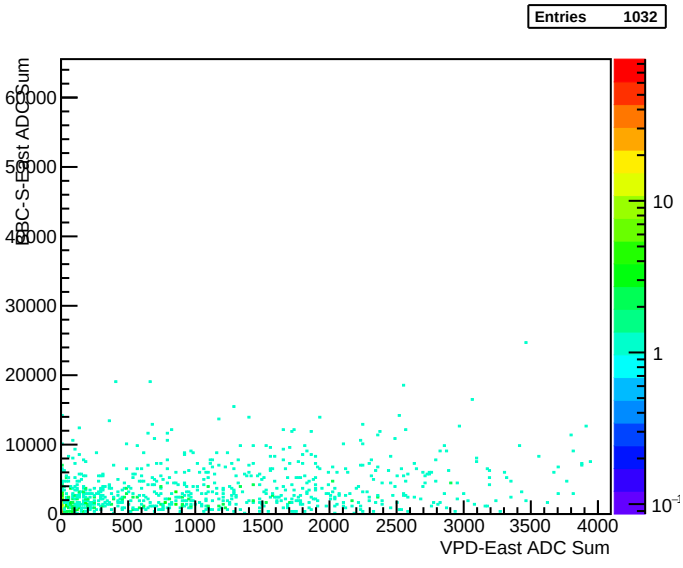

Entries 1032
TOF Mult
VPD-West ADC Sum

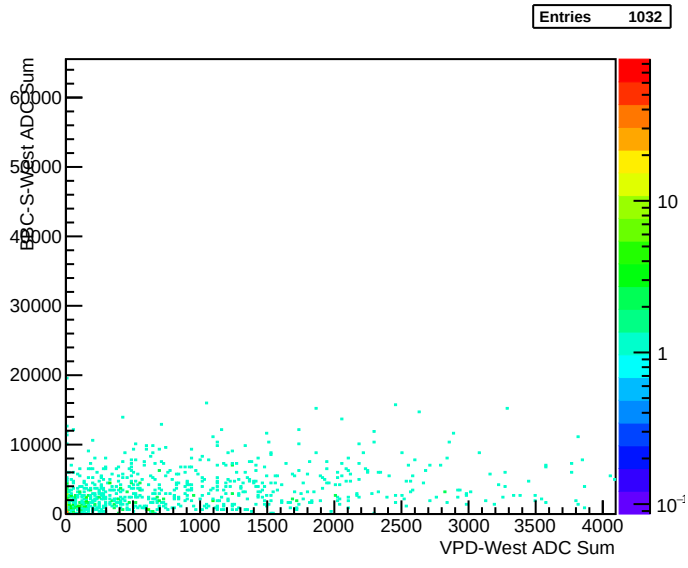

Entries 1032
TOF Mult
ZDC-East ADC Sum Att

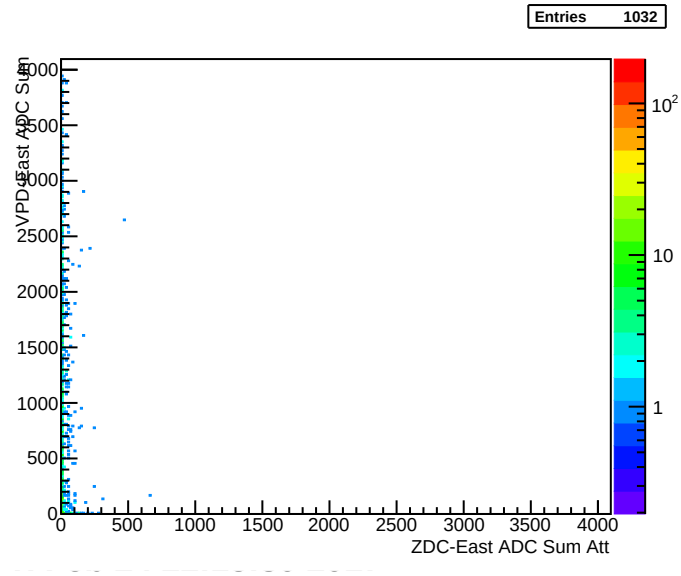

Entries 1032
TOF Mult
ZDC-West ADC Sum Att

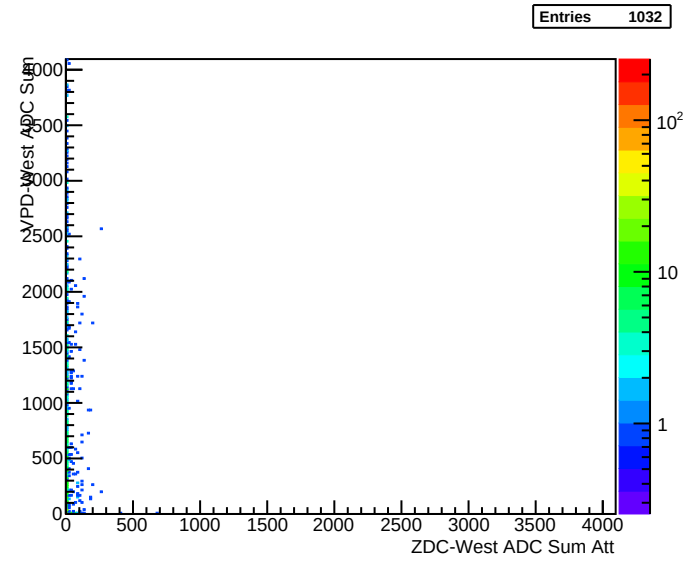

Entries 1032
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

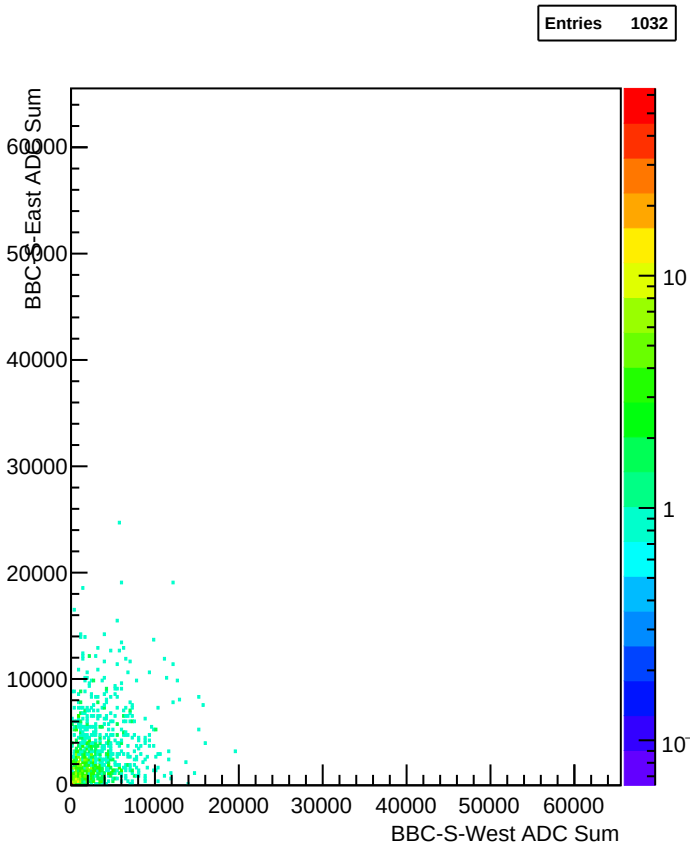

Entries 1032
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

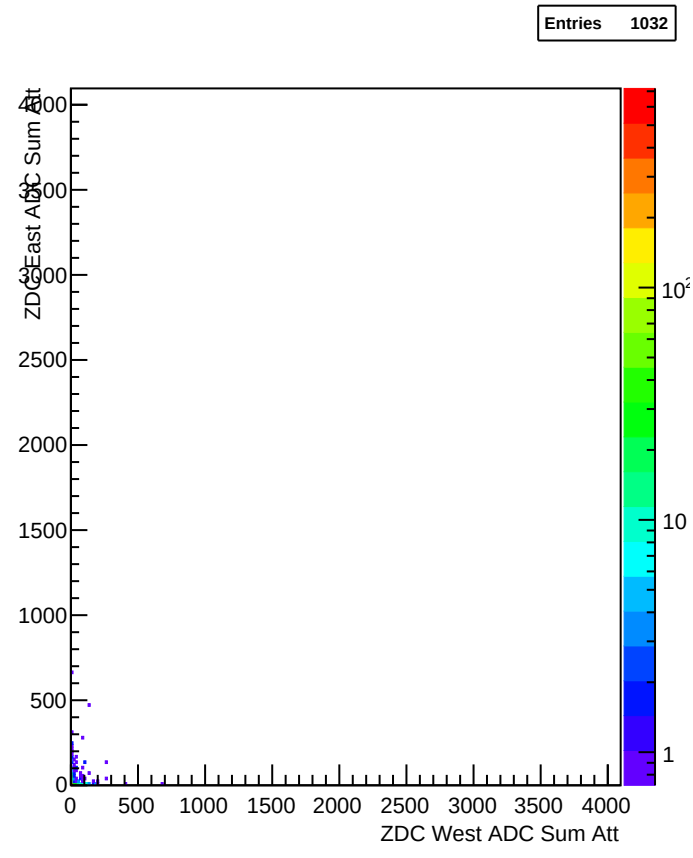

Entries 1032
BBC-S-East ADC Sum
VPD-East ADC Sum

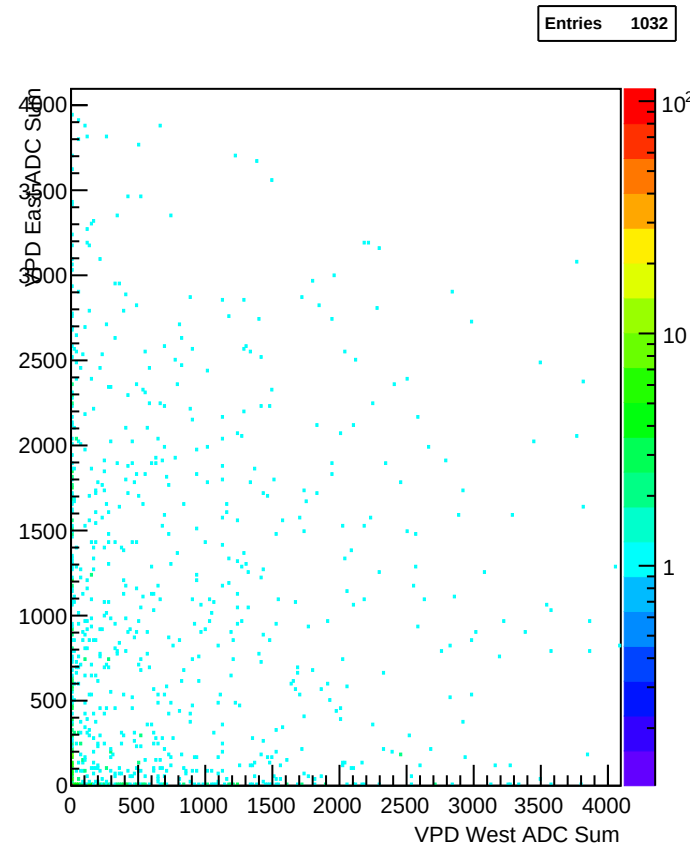

Entries 1032
BBC-S-West ADC Sum
VPD-West ADC Sum

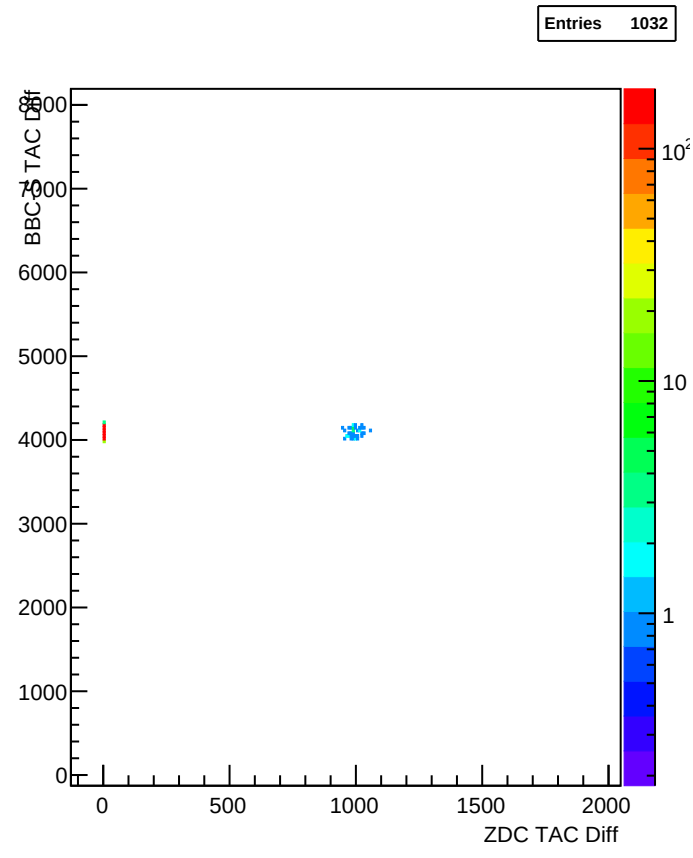

Entries 1032
VPD-East ADC Sum
ZDC-East ADC Sum Att

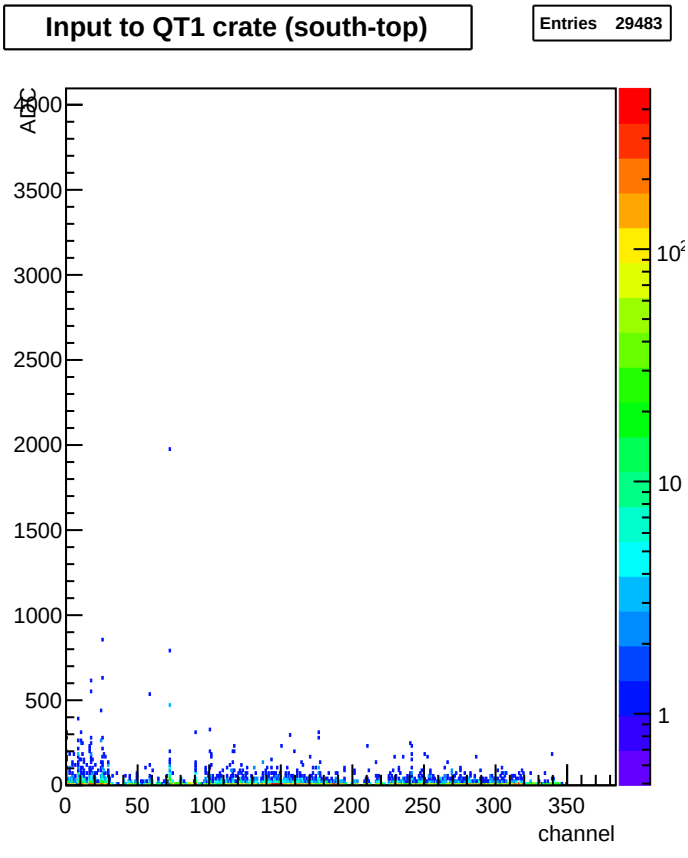

Entries 1032
VPD-West ADC Sum
ZDC-West ADC Sum Att

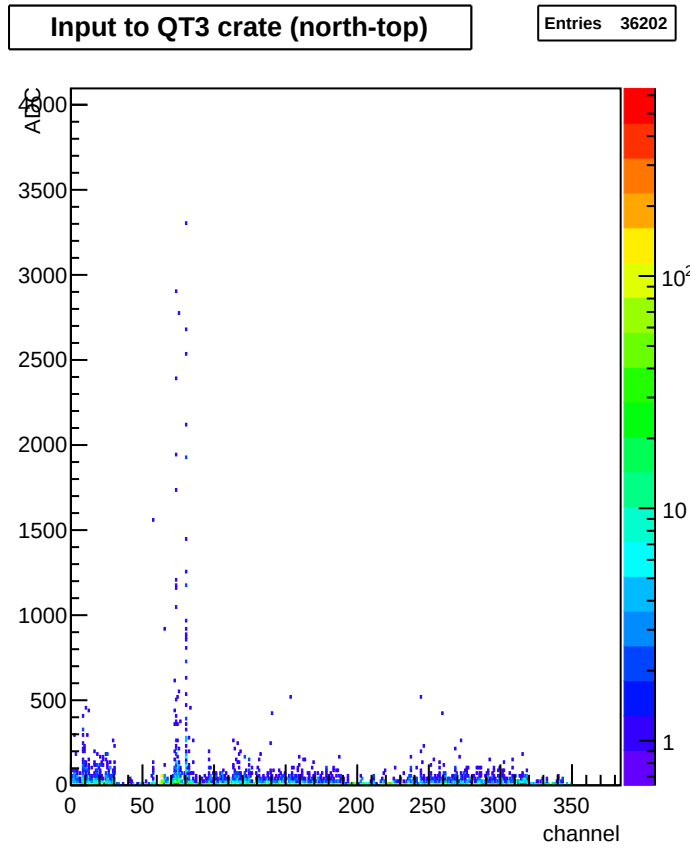

Entries 1032
BBC-S-East ADC Sum
BBC-S-West ADC Sum

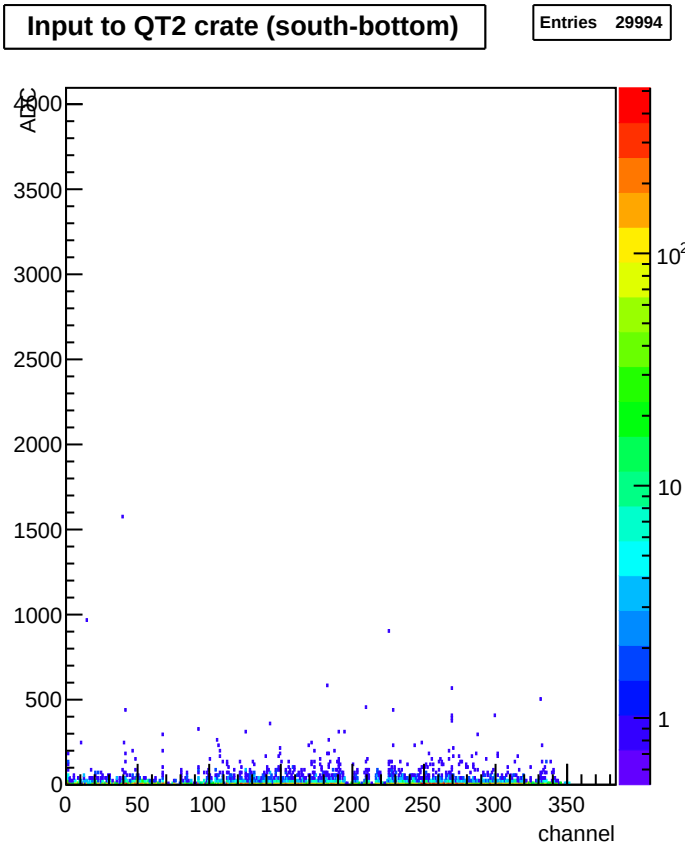

Entries 1032
ZDC East ADC Sum Att
ZDC West ADC Sum Att

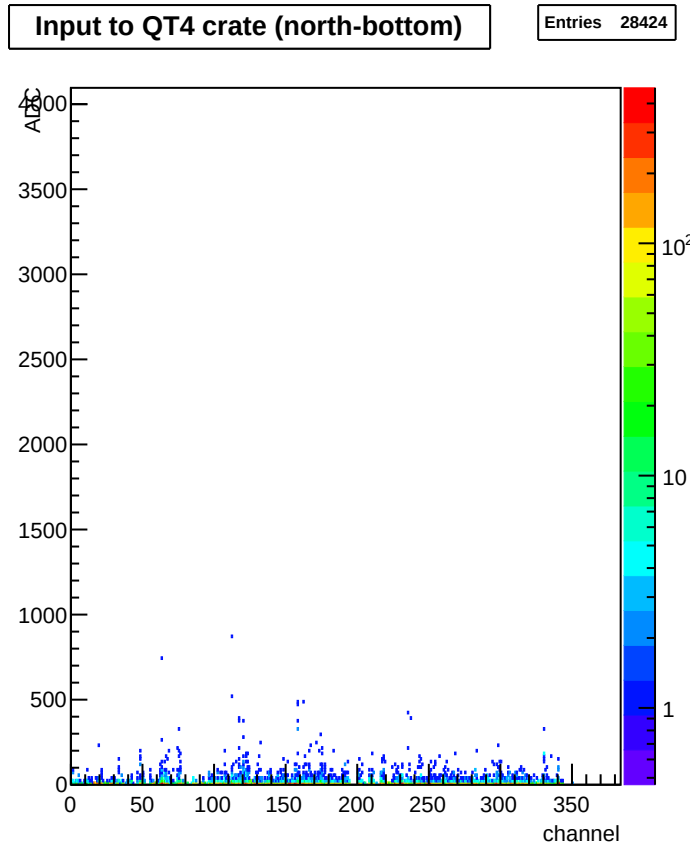

Entries 1032
VPD East ADC Sum
VPD West ADC Sum

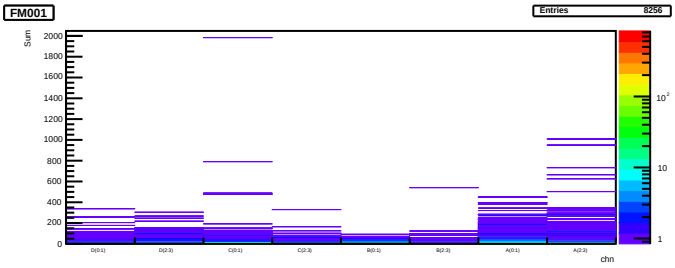

Entries 1032
BBC-S TAC Diff
ZDC TAC Diff

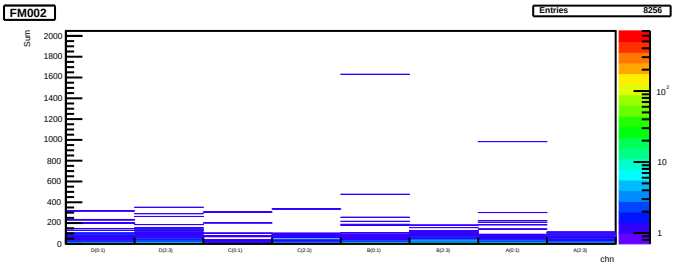

Input to QT1 crate (south-top)
Entries 29483
ADC
channel

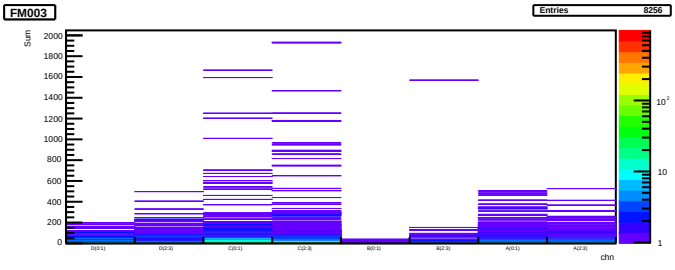

Input to QT3 crate (north-top)
Entries 36202
ADC
channel

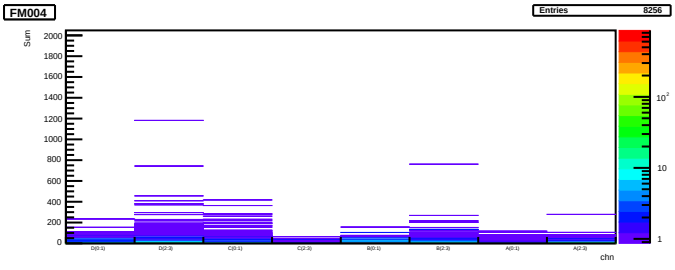

Input to QT2 crate (south-bottom)
Entries 29994
ADC
channel

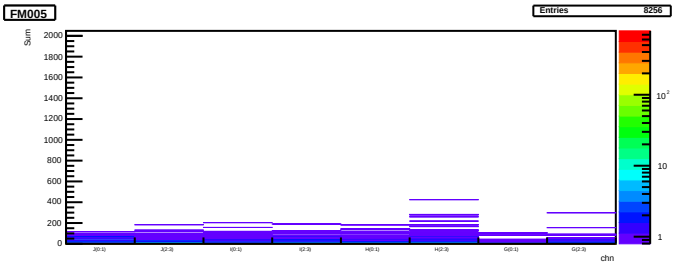

Input to QT4 crate (north-bottom)
Entries 28424
ADC
channel

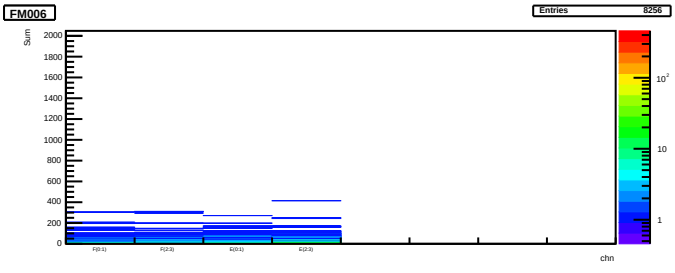

FM001
Entries 8256
Sum
chn

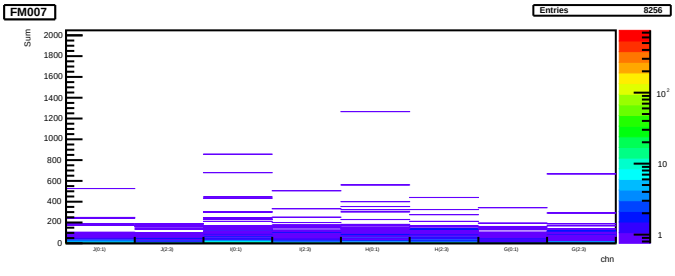

FM002
Entries 8256
Sum
chn

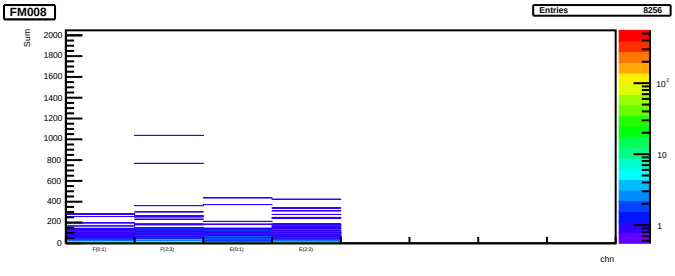

FM003
Entries 8256
Sum
chn

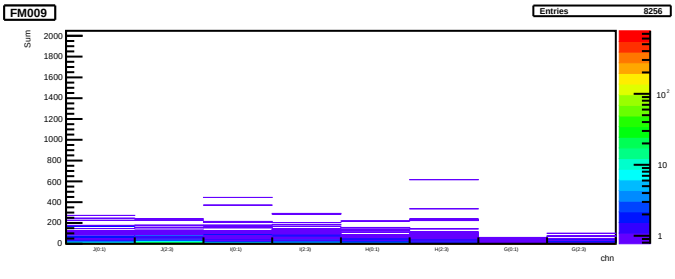

FM004
Entries 8256
Sum
chn

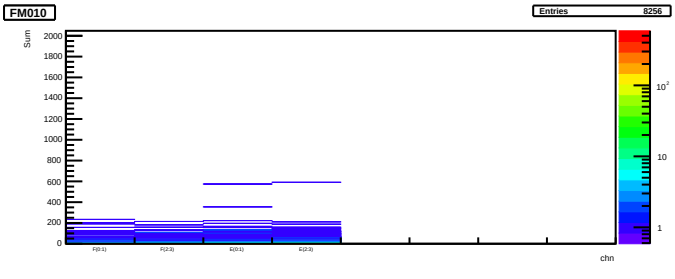

FM005
Entries 8256
Sum
chn

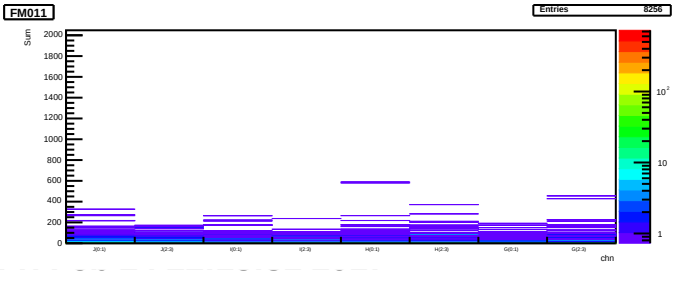

FM006
Entries 8256
Sum
chn

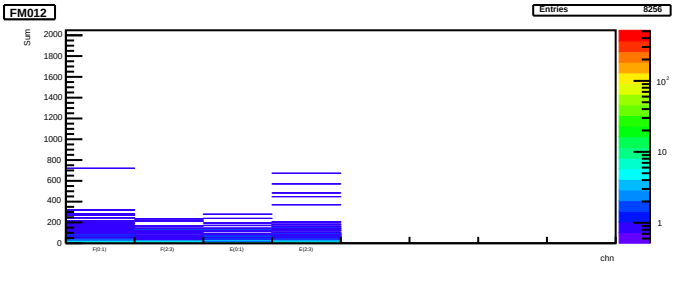

FM007
Entries 8256
Sum
chn

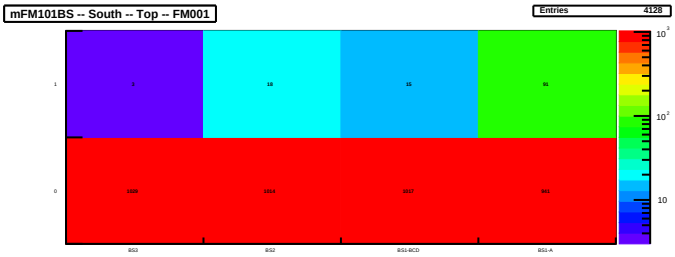

FM008
Entries 8256
Sum
chn

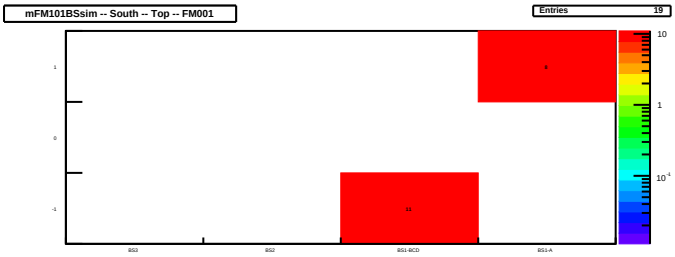

FM009
Entries 8256
Sum
chn

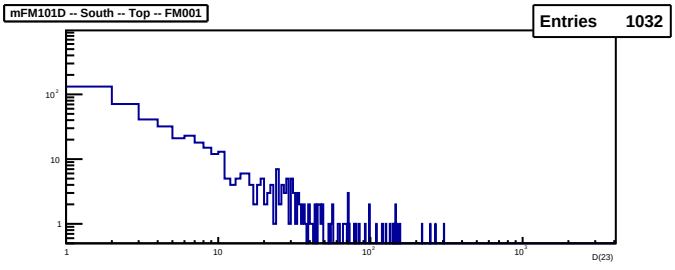

FM010
Entries 8256
Sum
chn

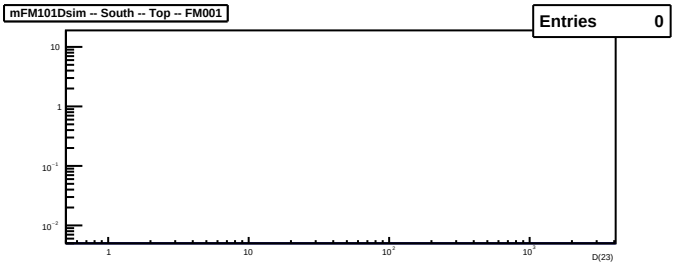

FM011
Entries 8256
Sum
chn

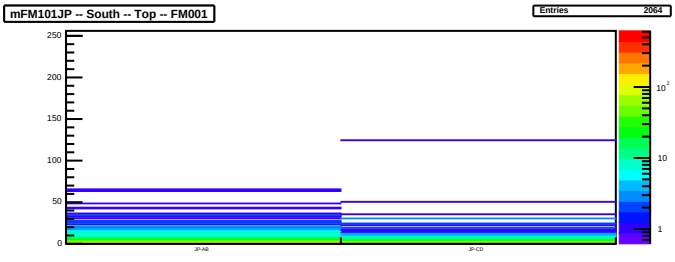

FM012
Entries 8256
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 4128

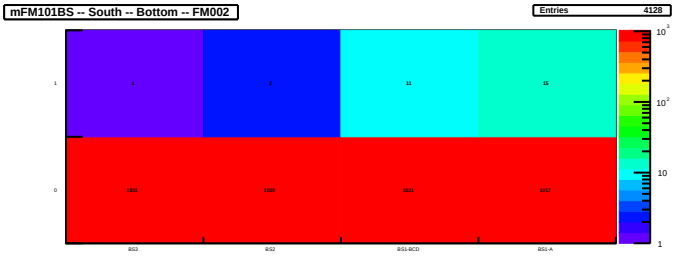

mFM101BSsim -- South -- Top -- FM001
Entries 19

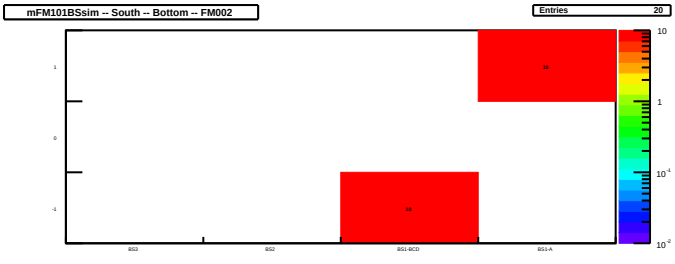

mFM101D -- South -- Top -- FM001
Entries 1032
D(23)

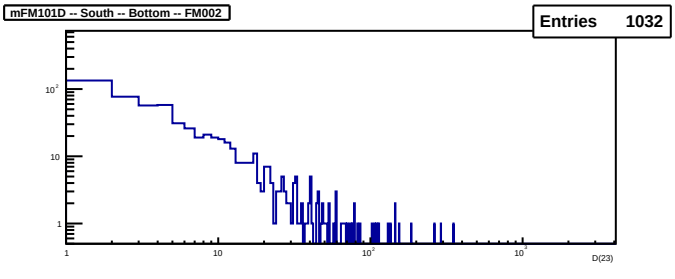

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

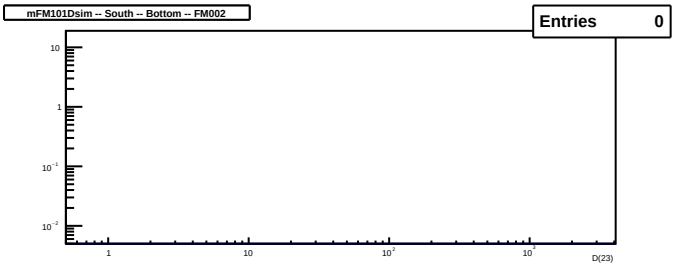

mFM101JP -- South -- Top -- FM001
Entries 2064

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


mFM101BS -- South -- Bottom -- FM002
Entries 4128


mFM101BSsim -- South -- Bottom -- FM002
Entries 20


mFM101D -- South -- Bottom -- FM002
Entries 1032
D(23)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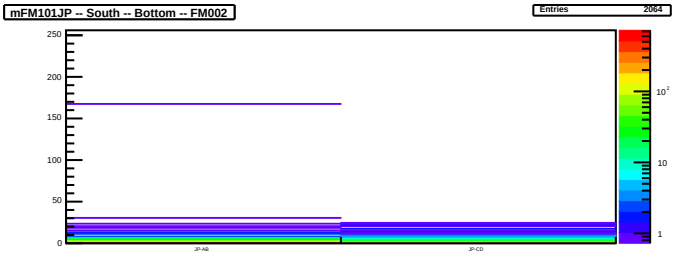
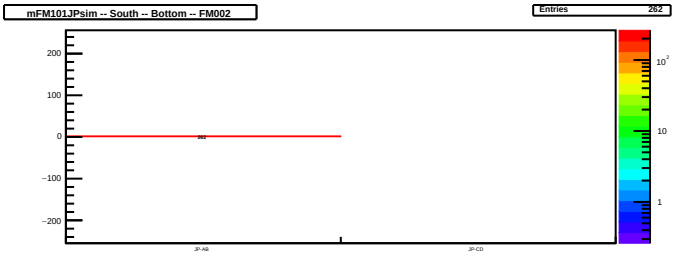
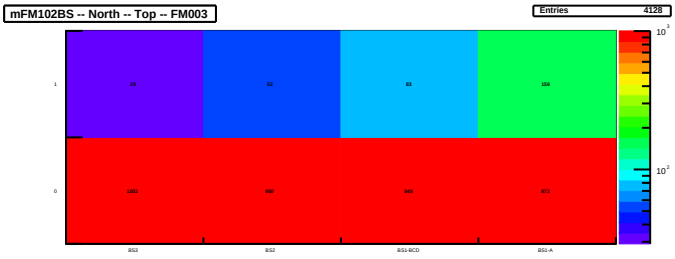
Entries 0
D(23)

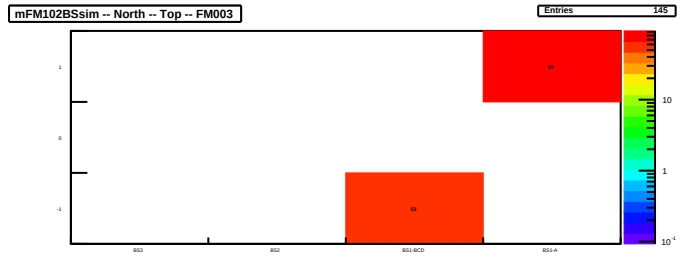

mFM101JP -- South -- Bottom -- FM002
Entries 2064


mFM101JPsim -- South -- Bottom -- FM002
Entries 282

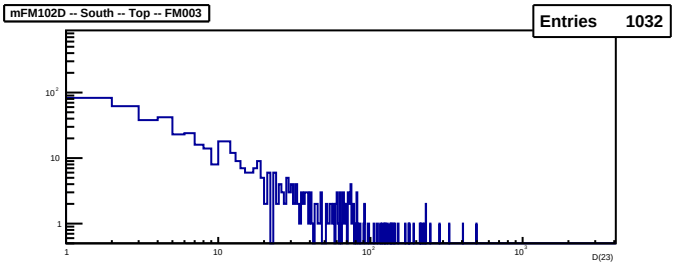
mFM102BS -- North -- Top -- FM003



mFM102BSsim -- North -- Top -- FM003



mFM102D -- South -- Top -- FM003



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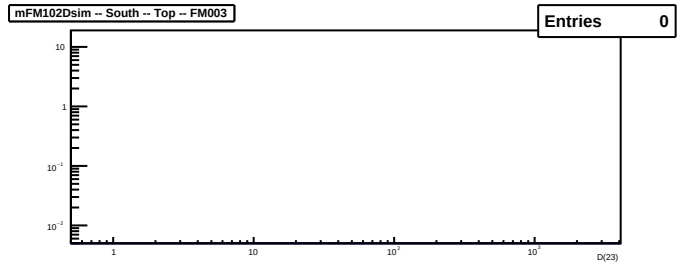

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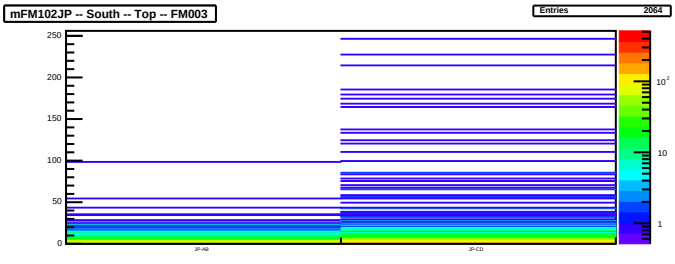
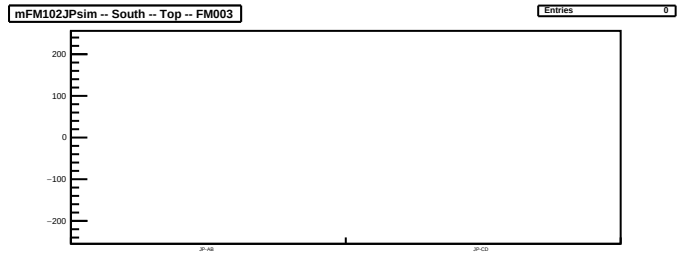
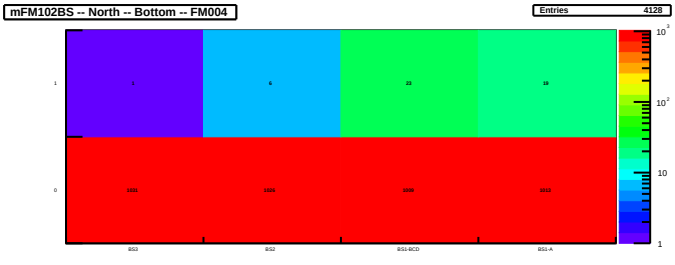


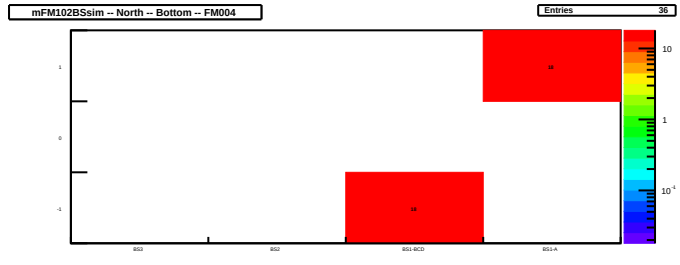
mFM102JPsim -- South -- Top -- FM003



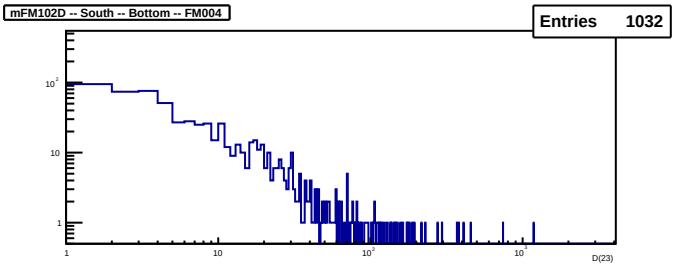
mFM102BS -- North -- Bottom -- FM004



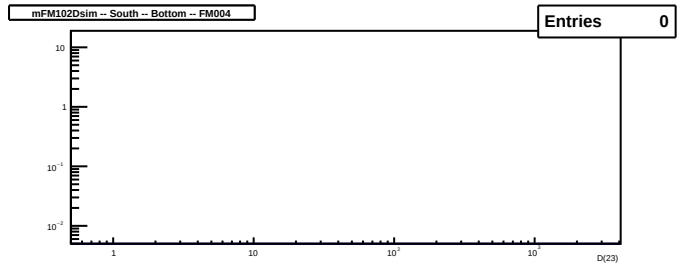
mFM102BSsim -- North -- Bottom -- FM004



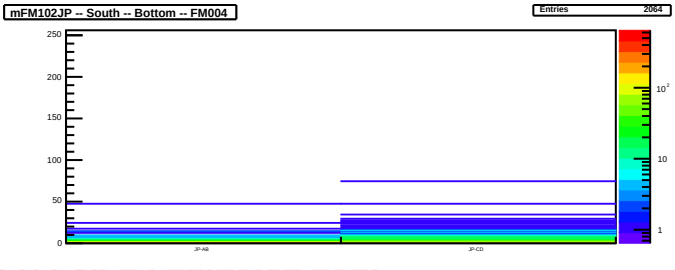
mFM102D -- South -- Bottom -- FM004



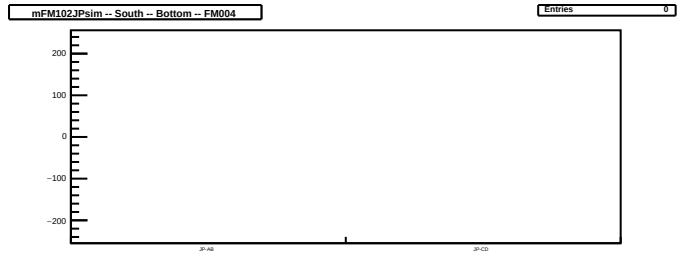
mFM102Dsim -- South -- Bottom -- FM004

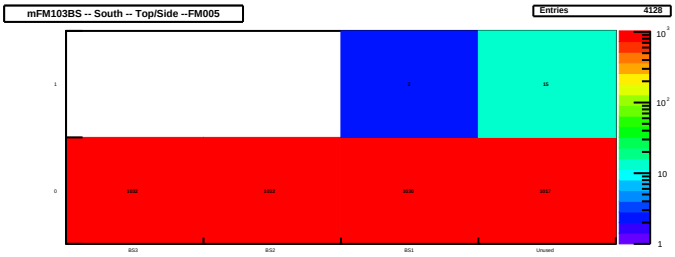


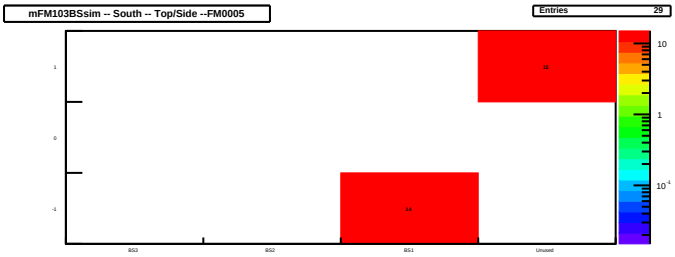
mFM102JP -- South -- Bottom -- FM004

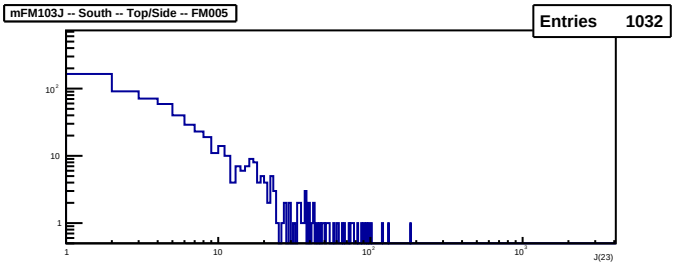


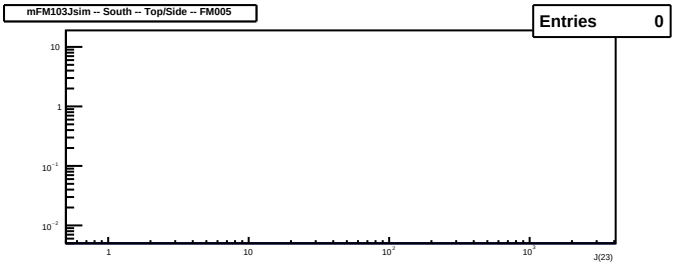
mFM102JPsim -- South -- Bottom -- FM004

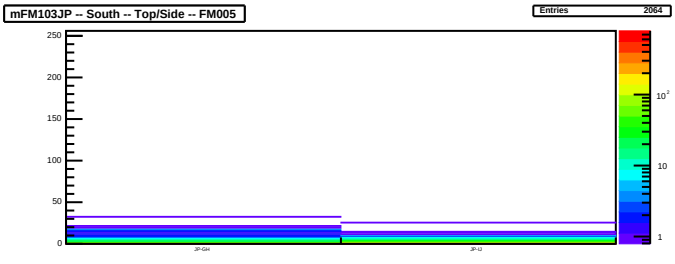


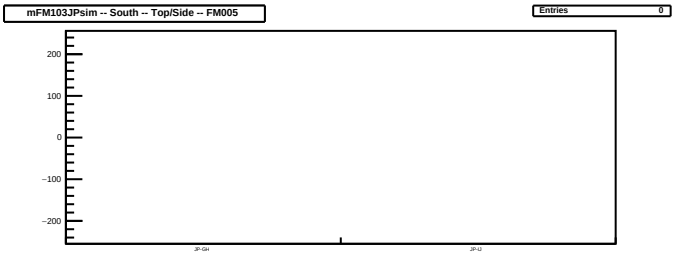

mFM103BS -- South -- Top/Side --FM005
Entries 4128
BS3
BS2
BS1
Unused

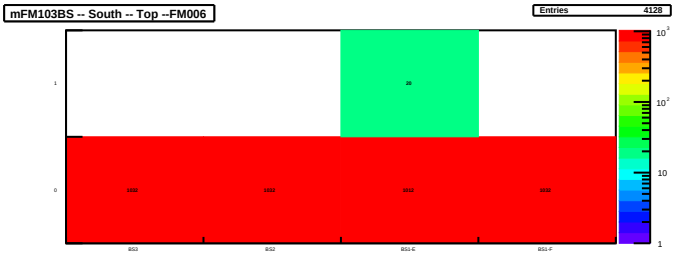

mFM103BSsim -- South -- Top/Side --FM0005
Entries 29
BS3
BS2
BS1
Unused

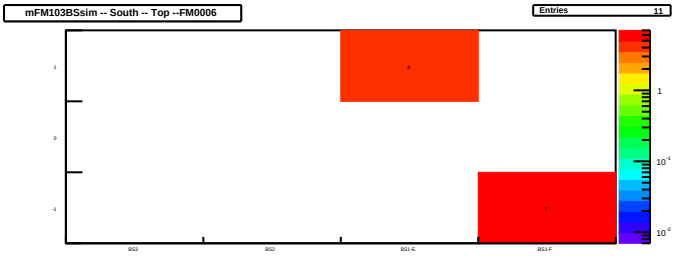

mFM103J -- South -- Top/Side -- FM005
Entries 1032
J(23)

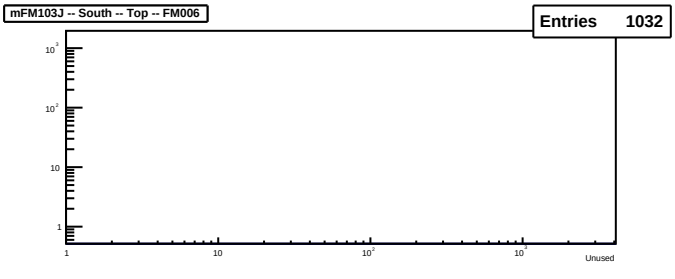

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

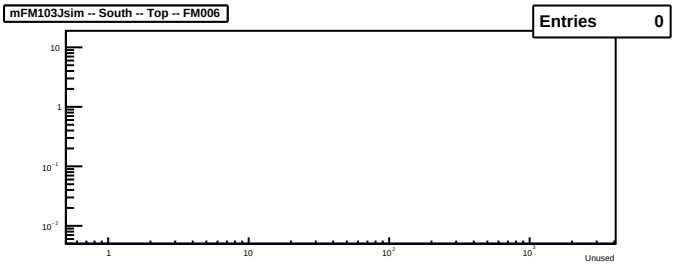

mFM103JP -- South -- Top/Side -- FM005
Entries 2064

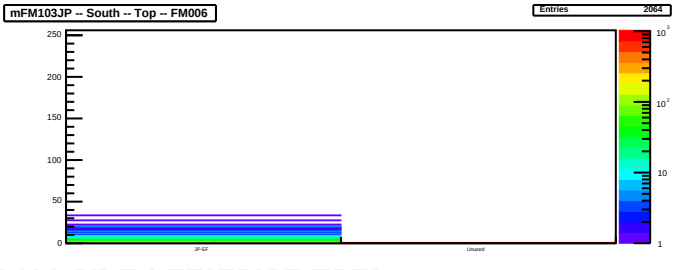

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0

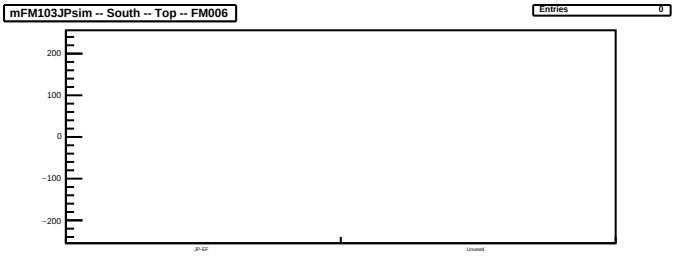

mFM103BS -- South -- Top --FM006
Entries 4128
BS3
BS2
BS1-E
BS1-F

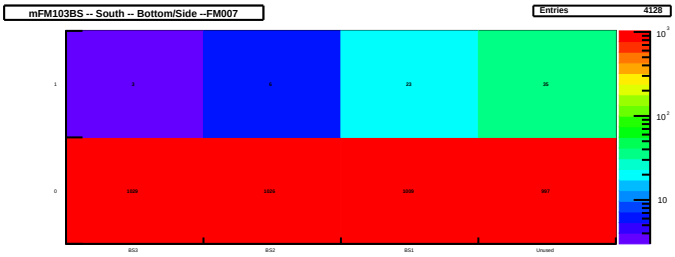

mFM103BSsim -- South -- Top --FM0006
Entries 11
BS3
BS2
BS1-E
BS1-F

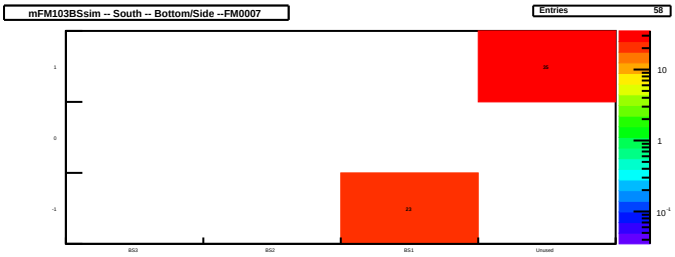

mFM103J -- South -- Top -- FM006
Entries 1032
Unused

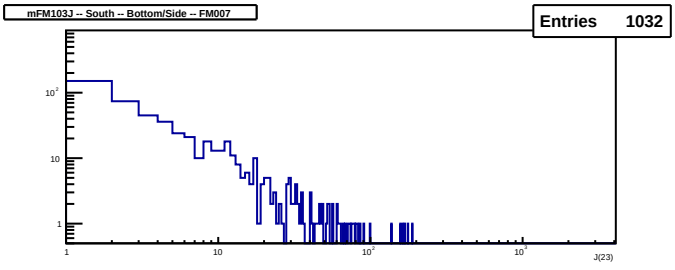

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

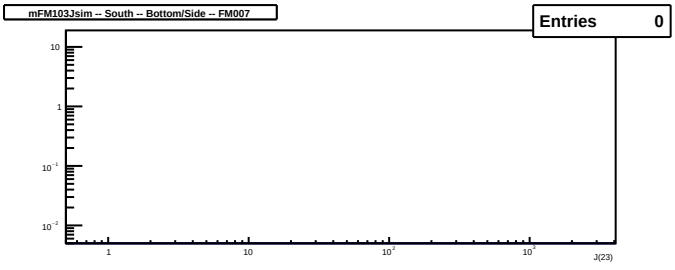

mFM103JP -- South -- Top -- FM006
Entries 2064
Unused


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


mFM103BS -- South -- Bottom/Side --FM007
Entries 4128


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 58


mFM103J -- South -- Bottom/Side -- FM007
Entries 1032
J(23)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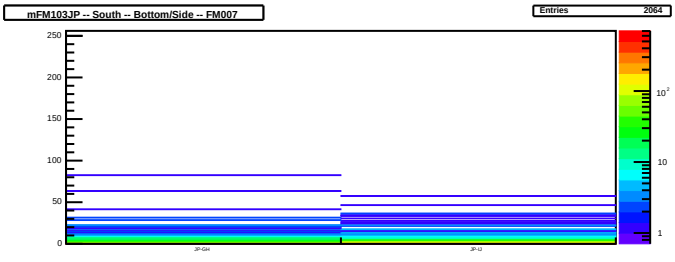
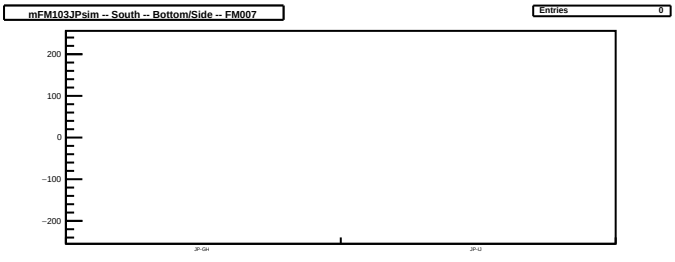
Entries 0
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 2064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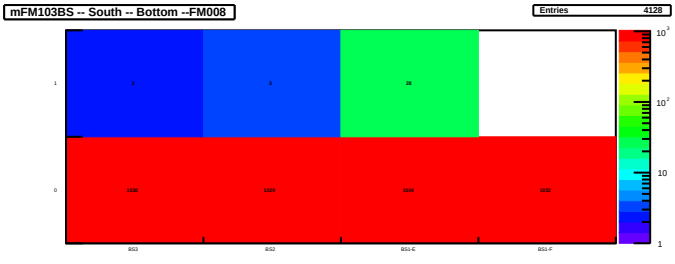
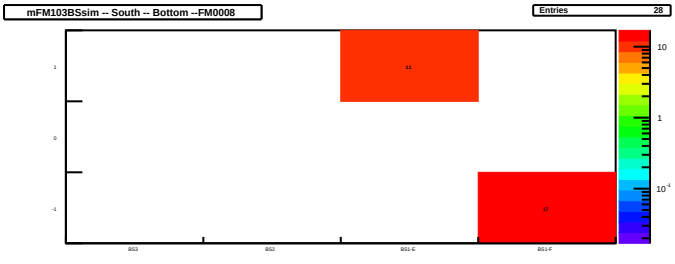
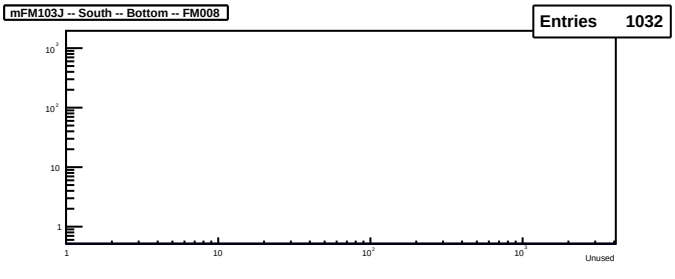
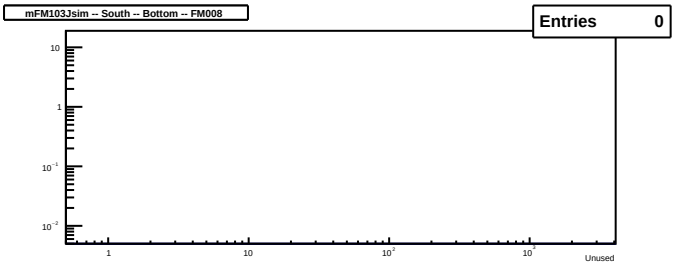
Entries 0


mFM103BS -- South -- Bottom --FM008
Entries 4128


mFM103BSsim -- South -- Bottom --FM0008
Entries 28


mFM103J -- South -- Bottom -- FM008
Entries 1032
Unused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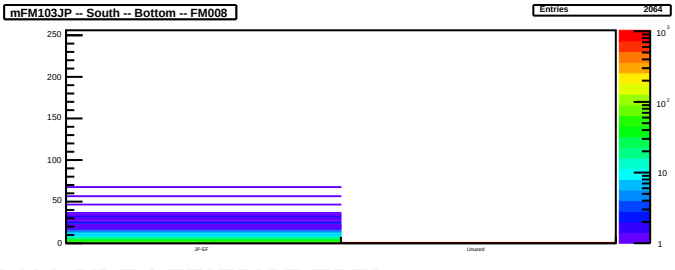
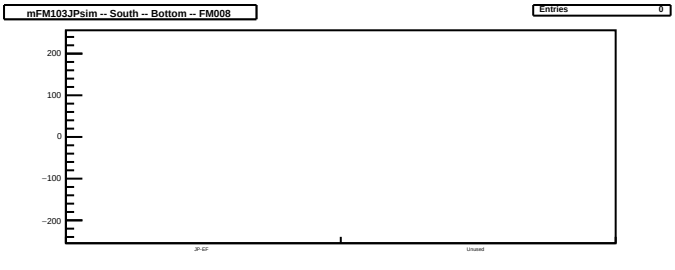
Entries 0
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 2064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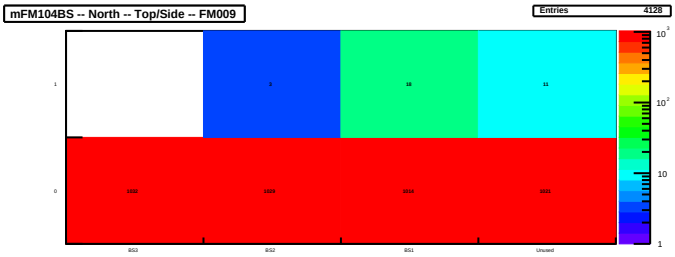
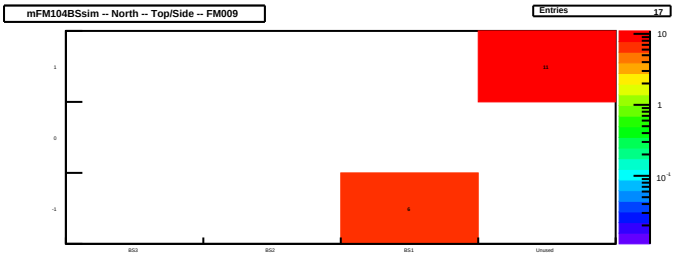
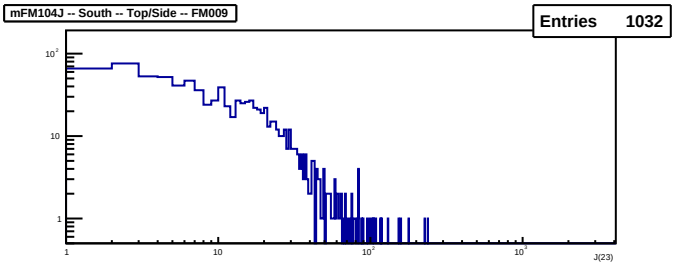
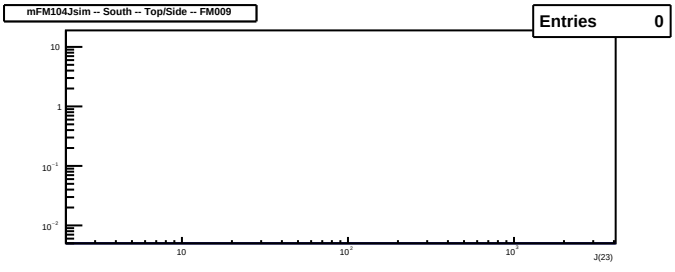
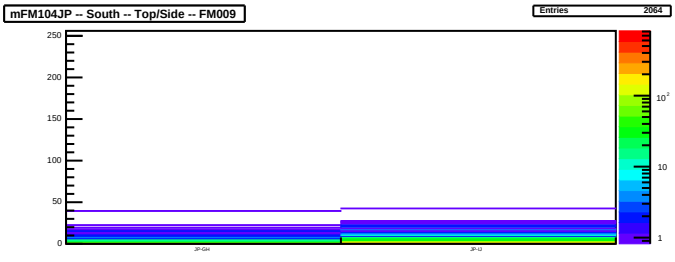
Entries 0

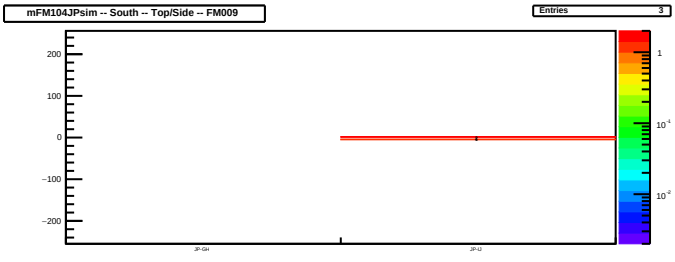

mFM104BS -- North -- Top/Side -- FM009
Entries 4128

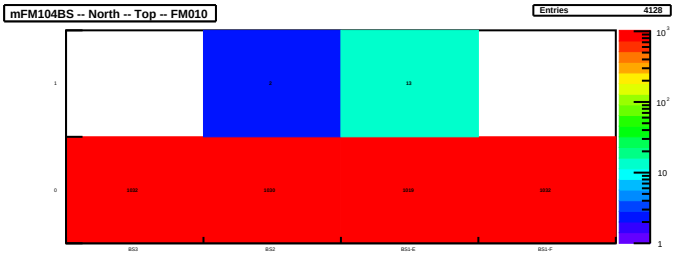

mFM104BSsim -- North -- Top/Side -- FM009
Entries 17

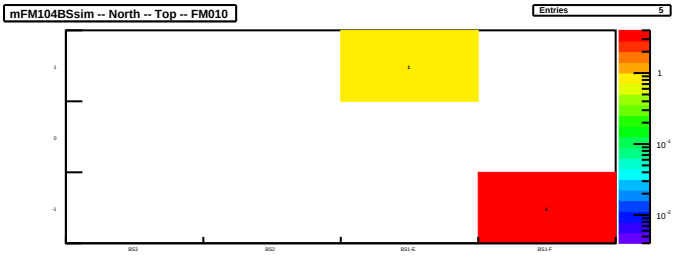

mFM104J -- South -- Top/Side -- FM009
Entries 1032
J(23)


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


mFM104JP -- South -- Top/Side -- FM009
Entries 2064


mFM104JPsim -- South -- Top/Side -- FM009
Entries 3


mFM104BS -- North -- Top -- FM010
Entries 4128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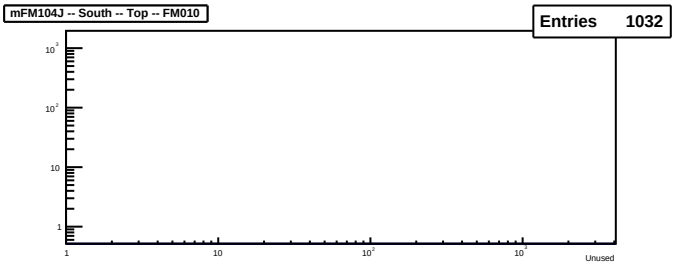
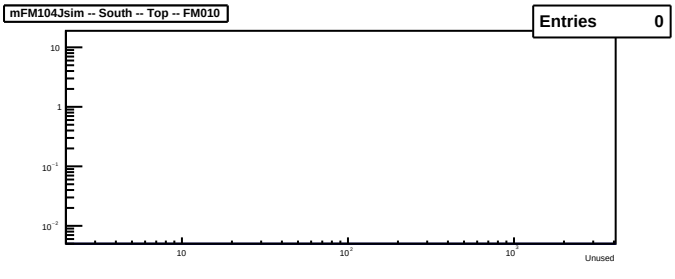
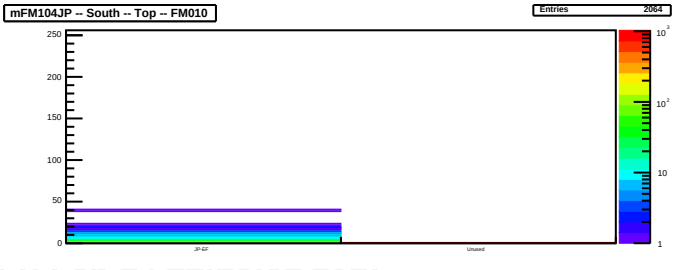
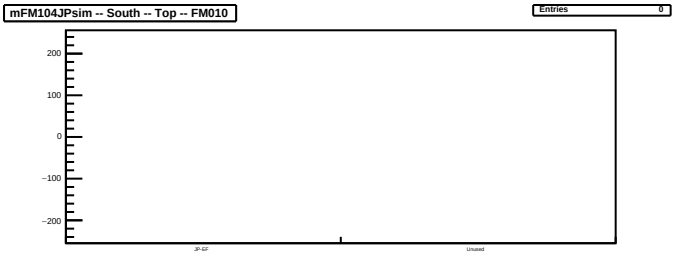
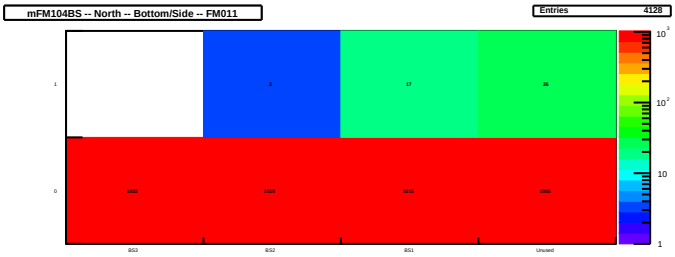
Entries 5

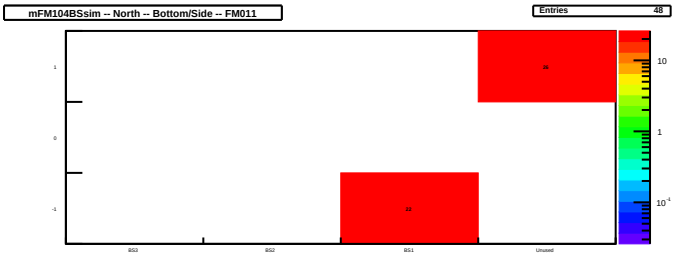

mFM104J -- South -- Top -- FM010
Entries 1032
Unused

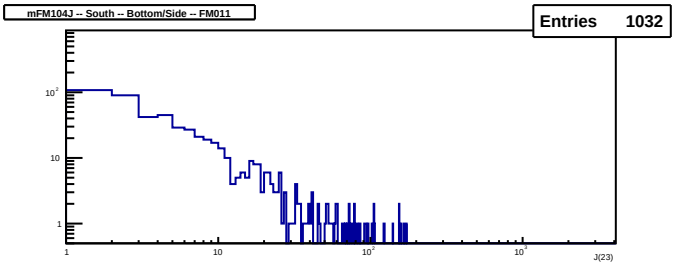

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

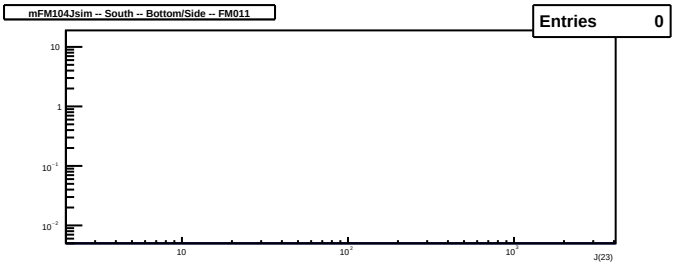

mFM104JP -- South -- Top -- FM010
Entries 2064

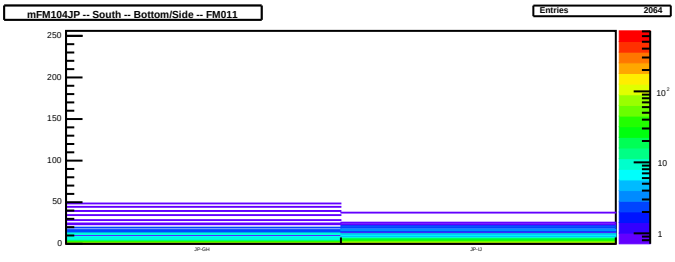

mFM104JPsim -- South -- Top -- FM010
Entries 0

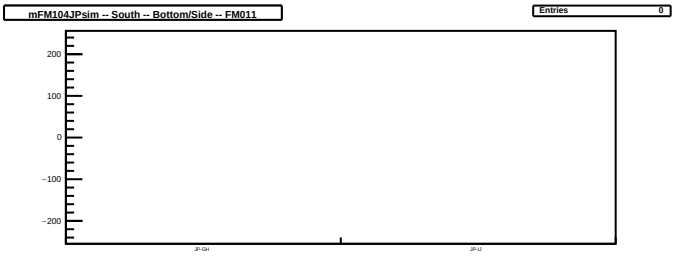

mFM104BS -- North -- Bottom/Side -- FM011
Entries 4128

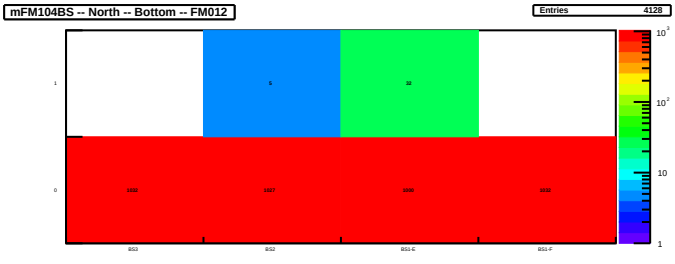

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 48

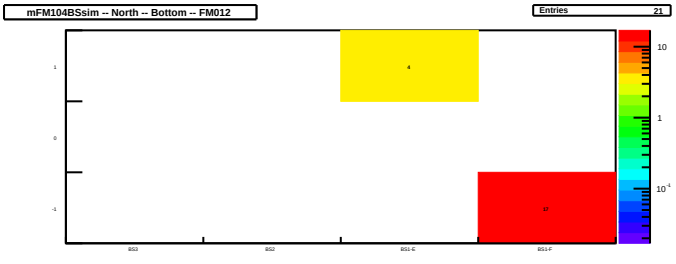

mFM104J -- South -- Bottom/Side -- FM011
Entries 1032
J(23)

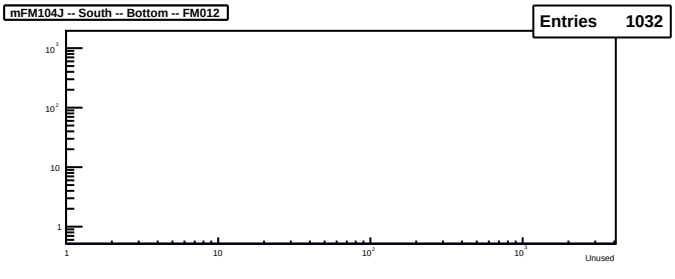

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

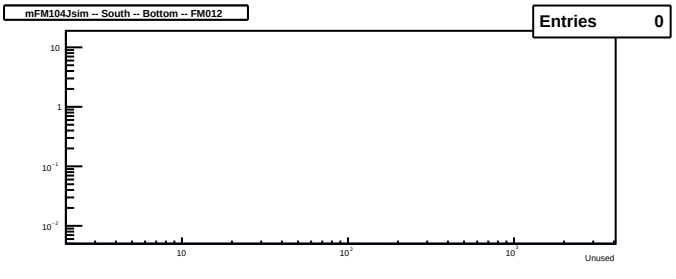

mFM104JP -- South -- Bottom/Side -- FM011
Entries 2064

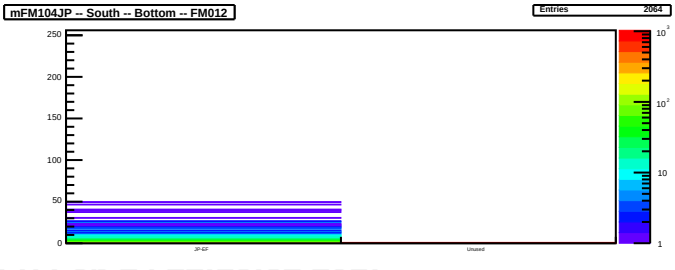

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0

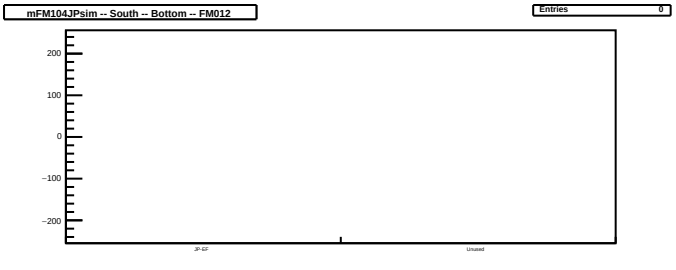

mFM104BS -- North -- Bottom -- FM012
Entries 4128

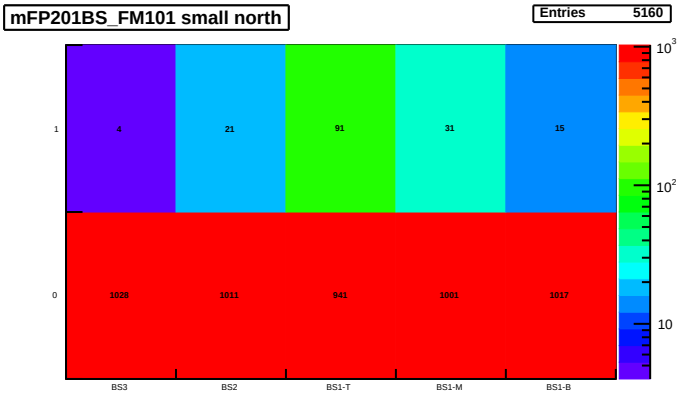

mFM104BSsim -- North -- Bottom -- FM012
Entries 21

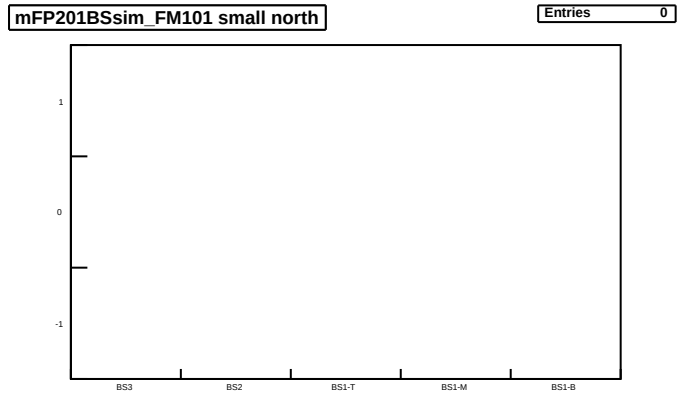

mFM104J -- South -- Bottom -- FM012
Entries 1032
Unused

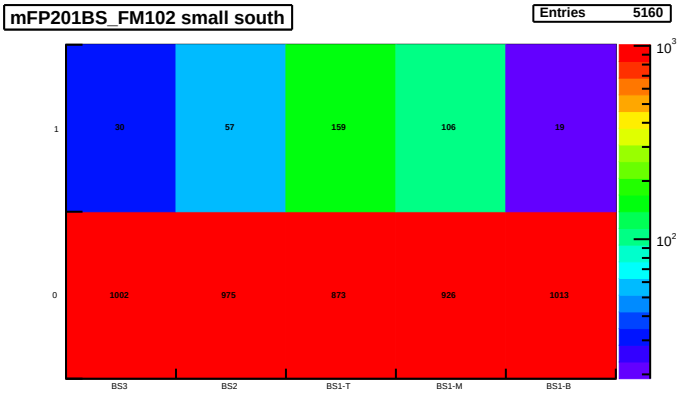

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

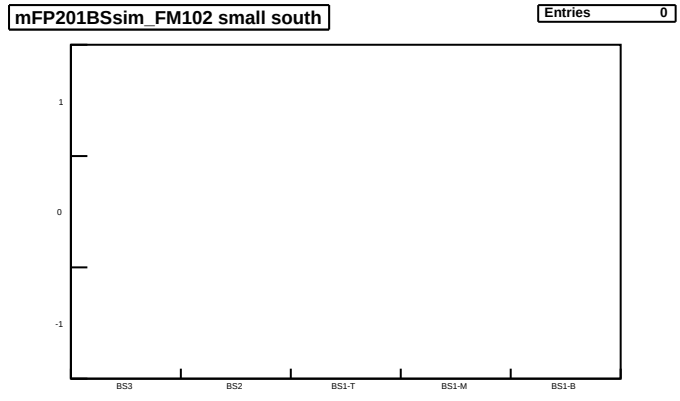

mFM104JP -- South -- Bottom -- FM012
Entries 2064

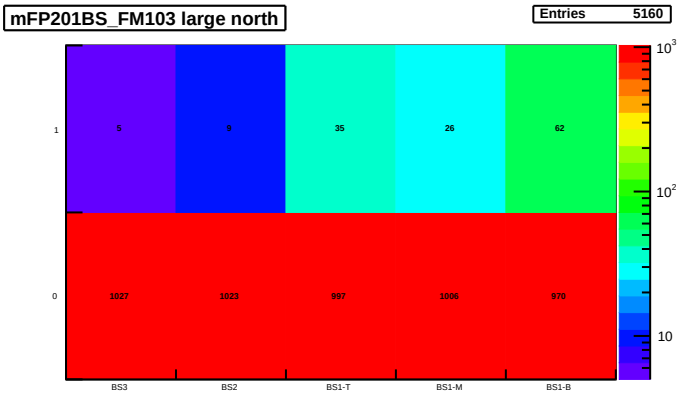

mFM104JPsim -- South -- Bottom -- FM012
Entries 0

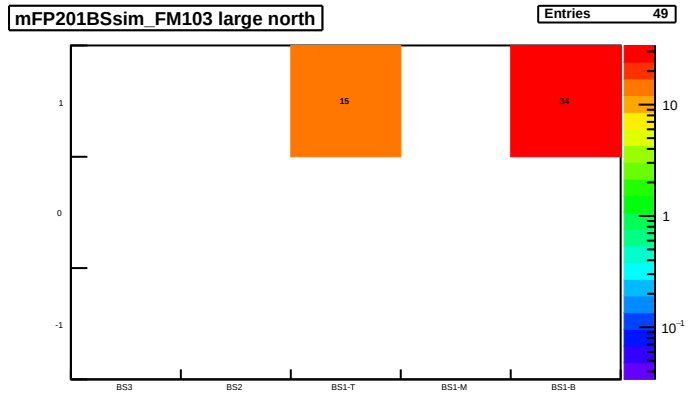

mFP201BS_FM101 small north
Entries 5160
4 21 91 31 15
1028 1011 941 1001 1017
BS3 BS2 BS1-T BS1-M BS1-B

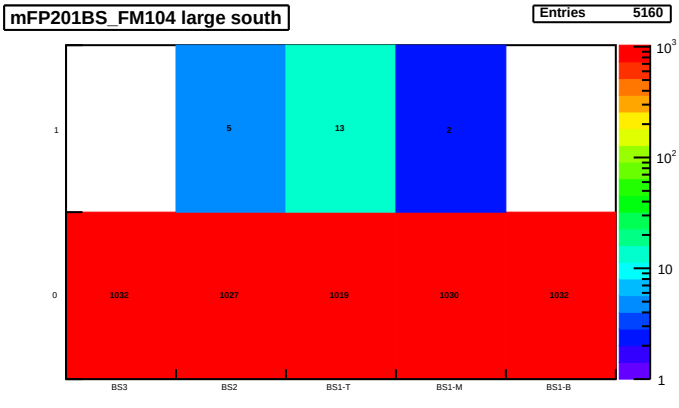

mFP201BSsim_FM101 small north
Entries 0
BS3 BS2 BS1-T BS1-M BS1-B

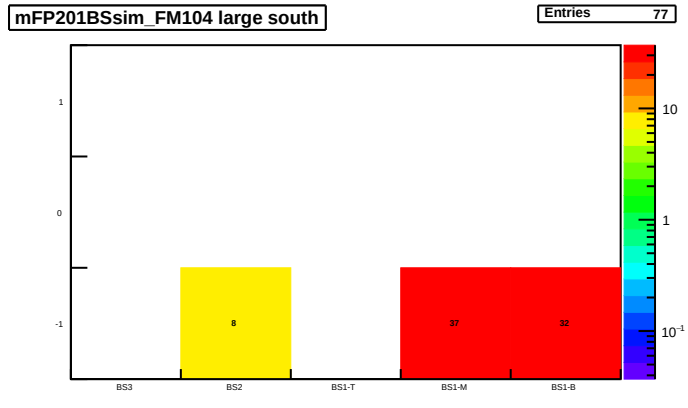

mFP201BS_FM102 small south
Entries 5160
30 57 159 106 19
1002 975 873 926 1013
BS3 BS2 BS1-T BS1-M BS1-B

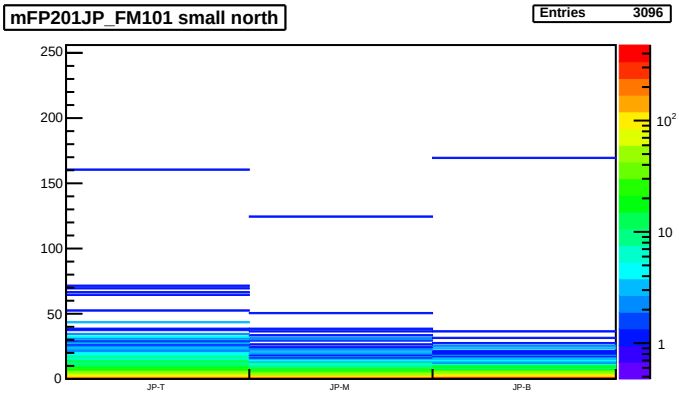

mFP201BSsim_FM102 small south
Entries 0
BS3 BS2 BS1-T BS1-M BS1-B

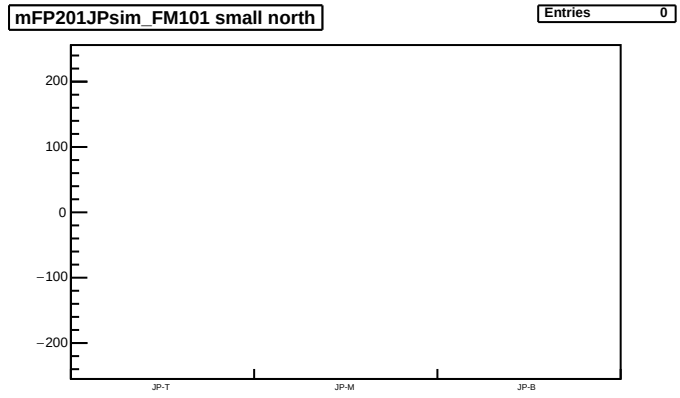

mFP201BS_FM103 large north
Entries 5160
5 9 35 26 62
1027 1023 997 1006 970
BS3 BS2 BS1-T BS1-M BS1-B

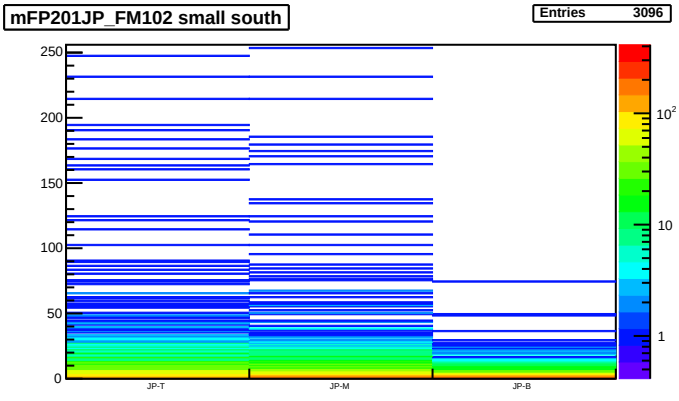

mFP201BSsim_FM103 large north
Entries 49
15 34
BS3 BS2 BS1-T BS1-M BS1-B

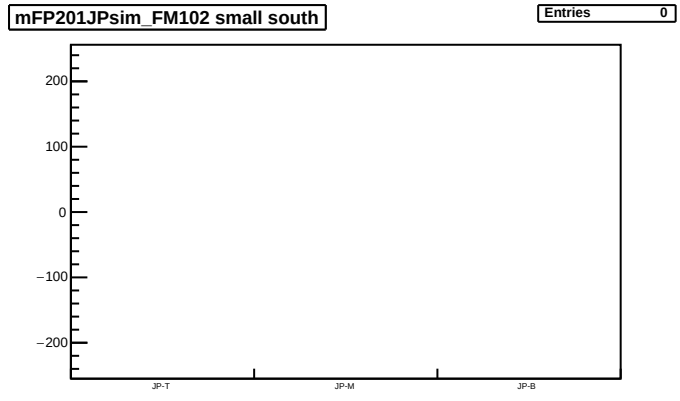

mFP201BS_FM104 large south
Entries 5160
5 13 2
1032 1027 1019 1030 1032
BS3 BS2 BS1-T BS1-M BS1-B

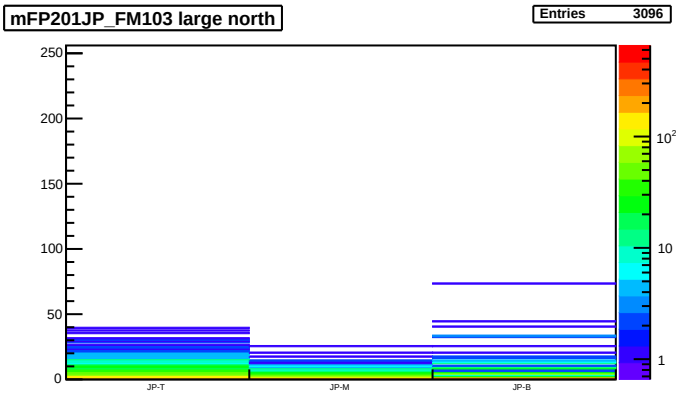

mFP201BSsim_FM104 large south
Entries 77
8 37 32
BS3 BS2 BS1-T BS1-M BS1-B

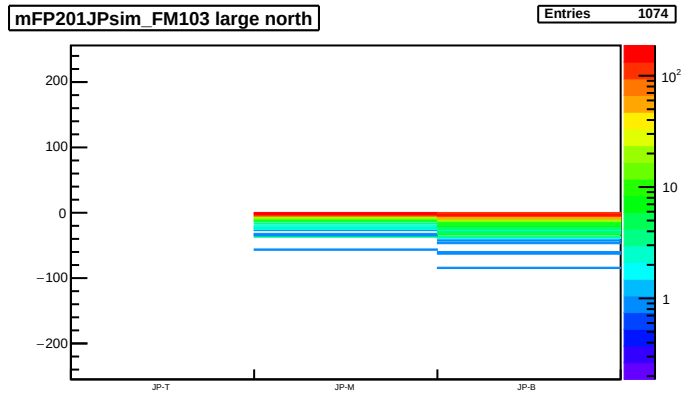

mFP201JP_FM101 small north
Entries 3096
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^2
10
1

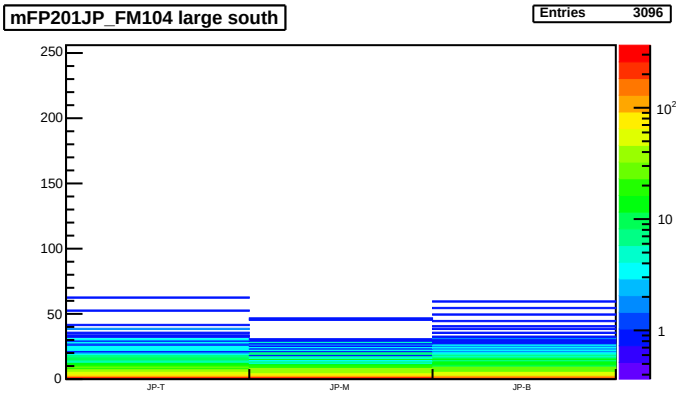

mFP201JPsim_FM101 small north
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

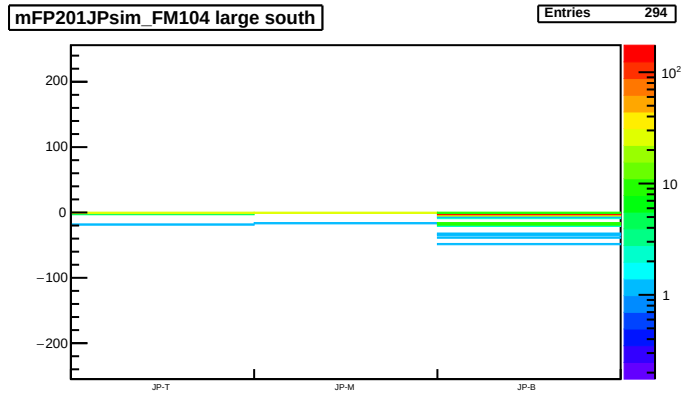

mFP201JP_FM102 small south
Entries 3096
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^2
10
1

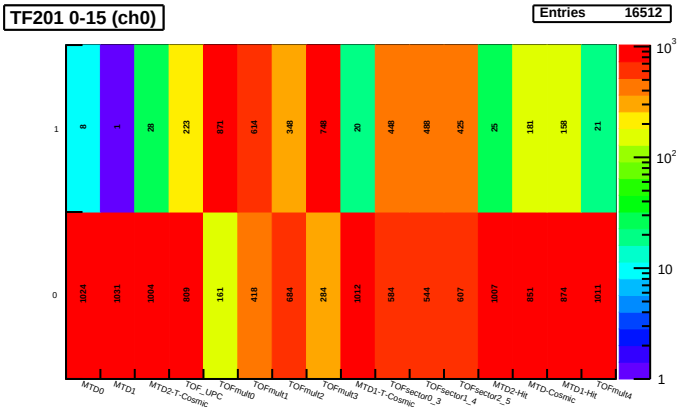

mFP201JPsim_FM102 small south
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

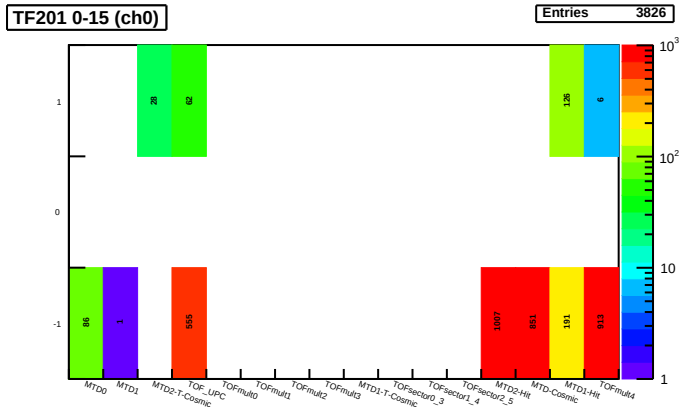

mFP201JP_FM103 large north
Entries 3096
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^2
10
1

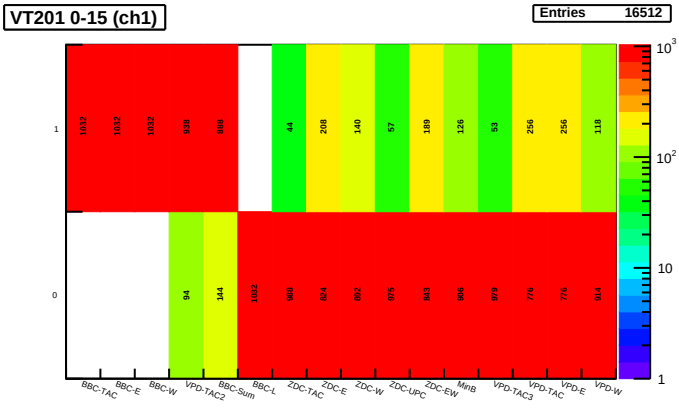

mFP201JPsim_FM103 large north
Entries 1074
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^2
10
1

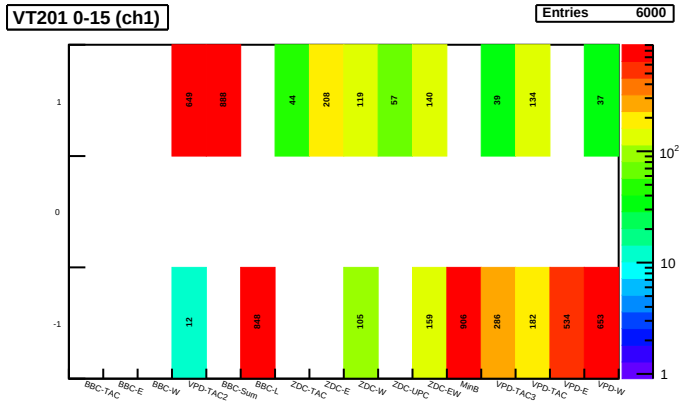

mFP201JP_FM104 large south
Entries 3096
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^2
10
1

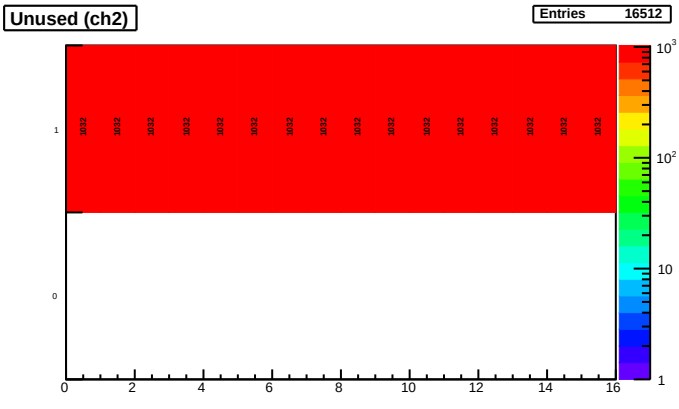

mFP201JPsim_FM104 large south
Entries 294
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^2
10
1

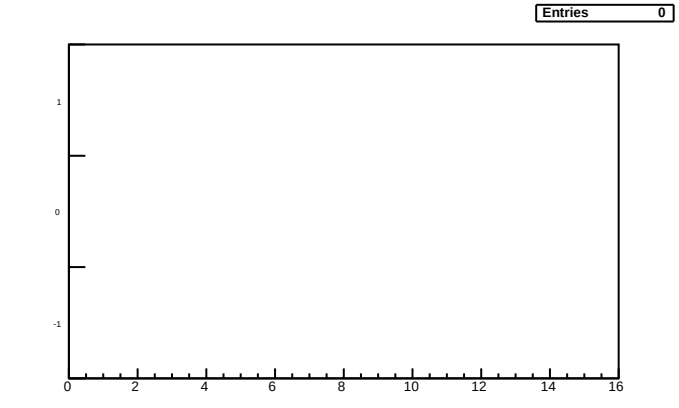

TF201 0-15 (ch0)
Entries 16512
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

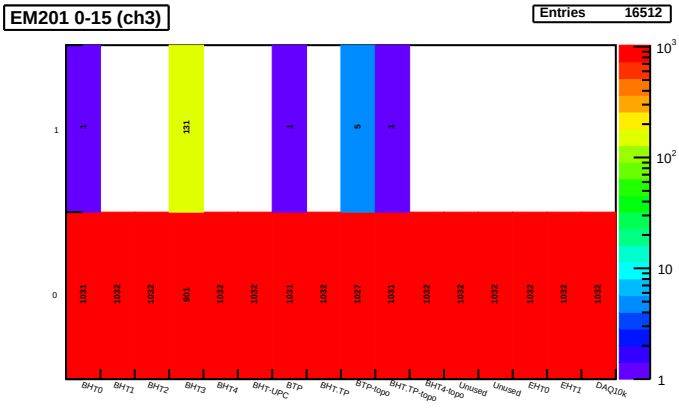

TF201 0-15 (ch0)
Entries 3826
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

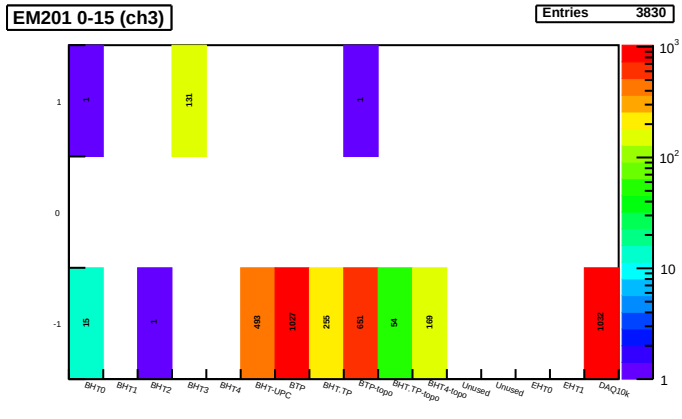

VT201 0-15 (ch1)
Entries 16512
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

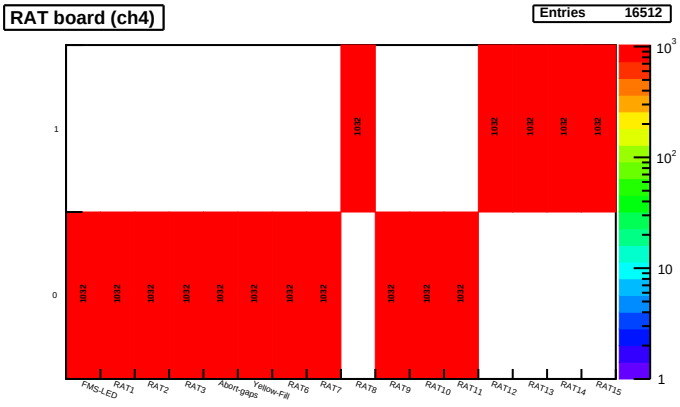

VT201 0-15 (ch1)
Entries 6000
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

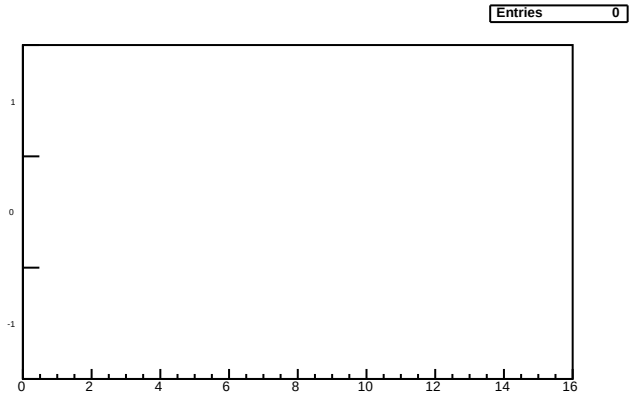

Unused (ch2)
Entries 16512

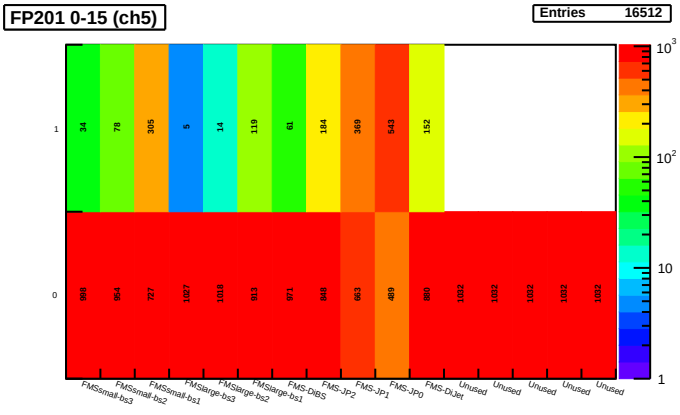

Entries 0

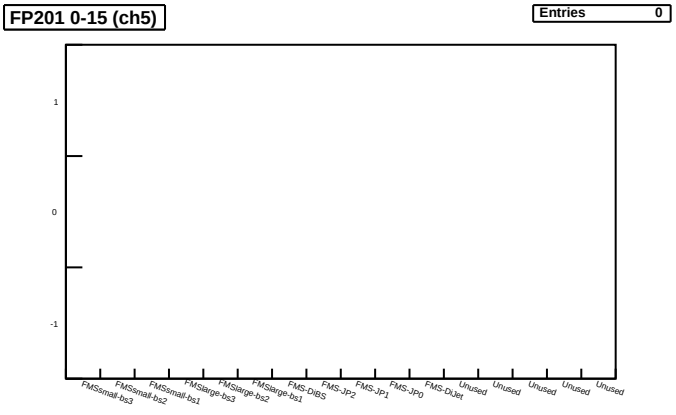

EM201 0-15 (ch3)
Entries 16512
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

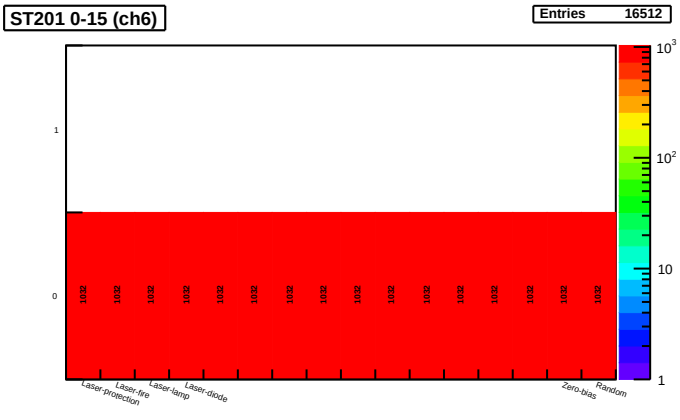

EM201 0-15 (ch3)
Entries 3830
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

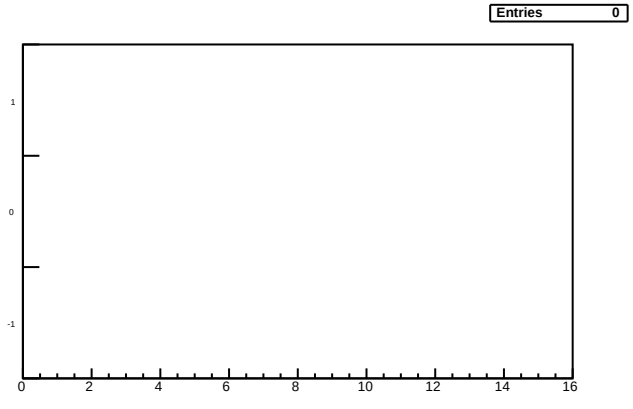

RAT board (ch4)
Entries 16512
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

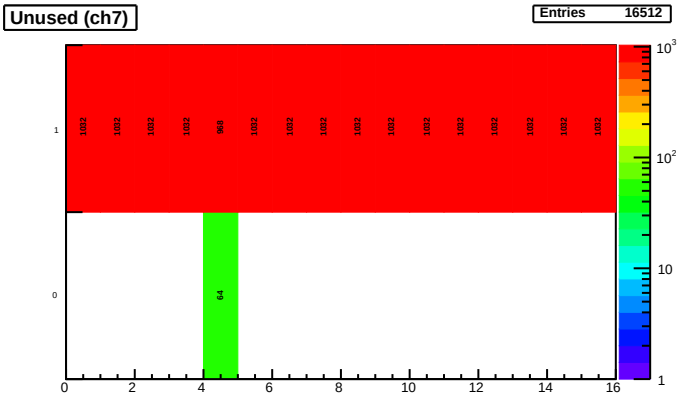

Entries 0

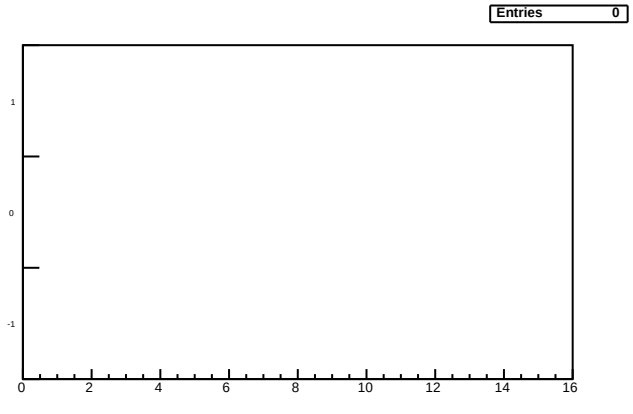

FP201 0-15 (ch5)
Entries 16512
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


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 16512
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 16512


Entries 0