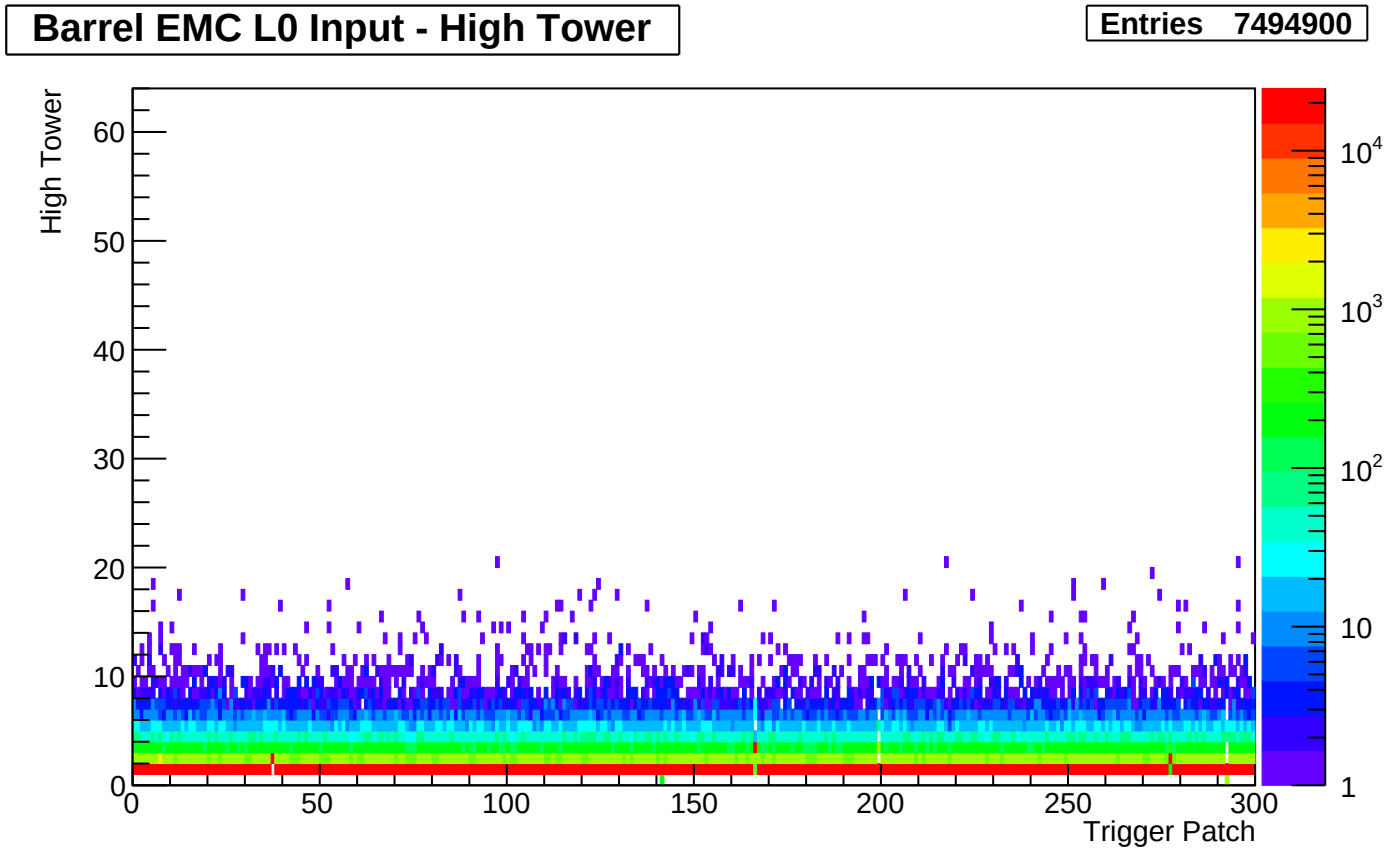
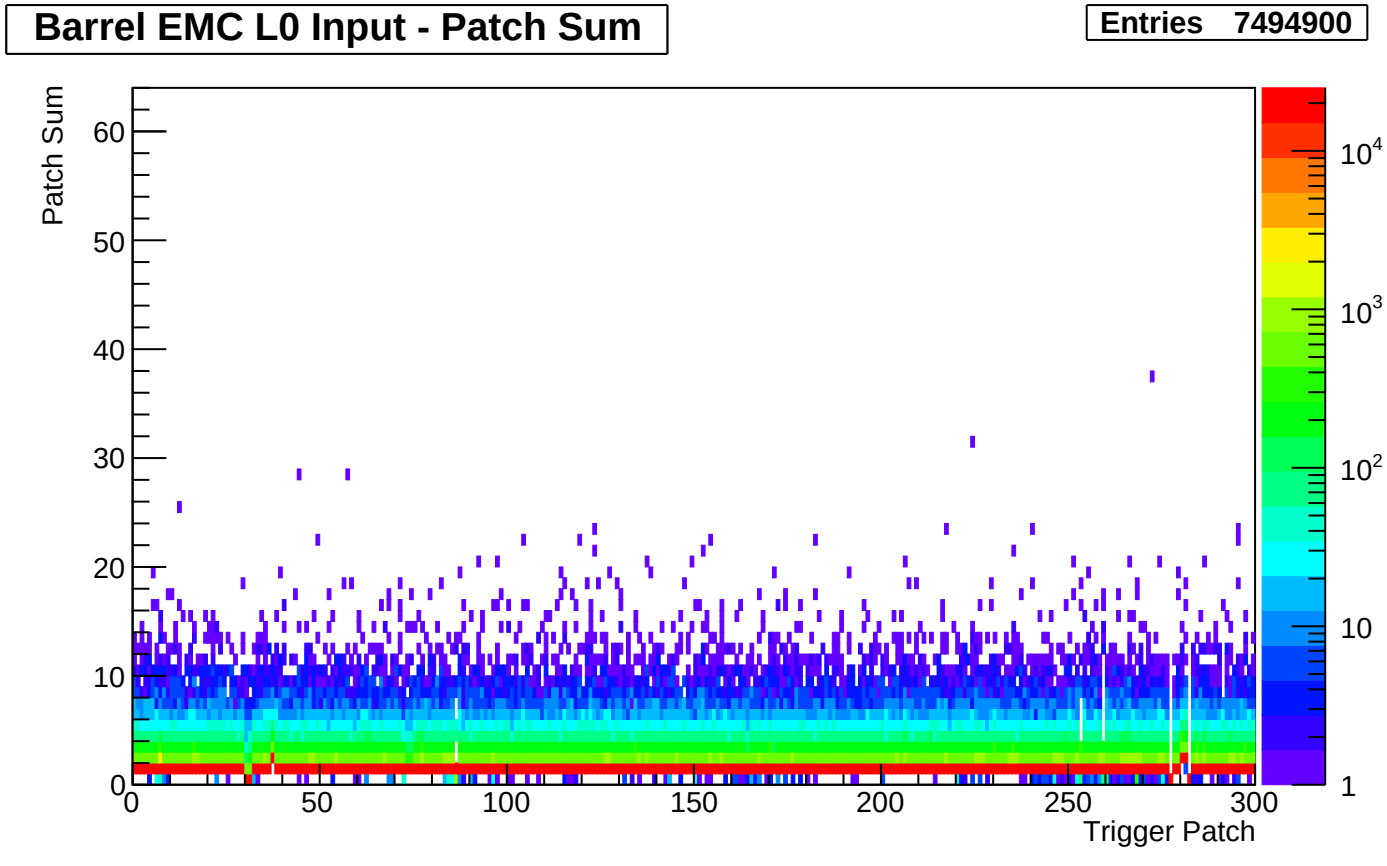
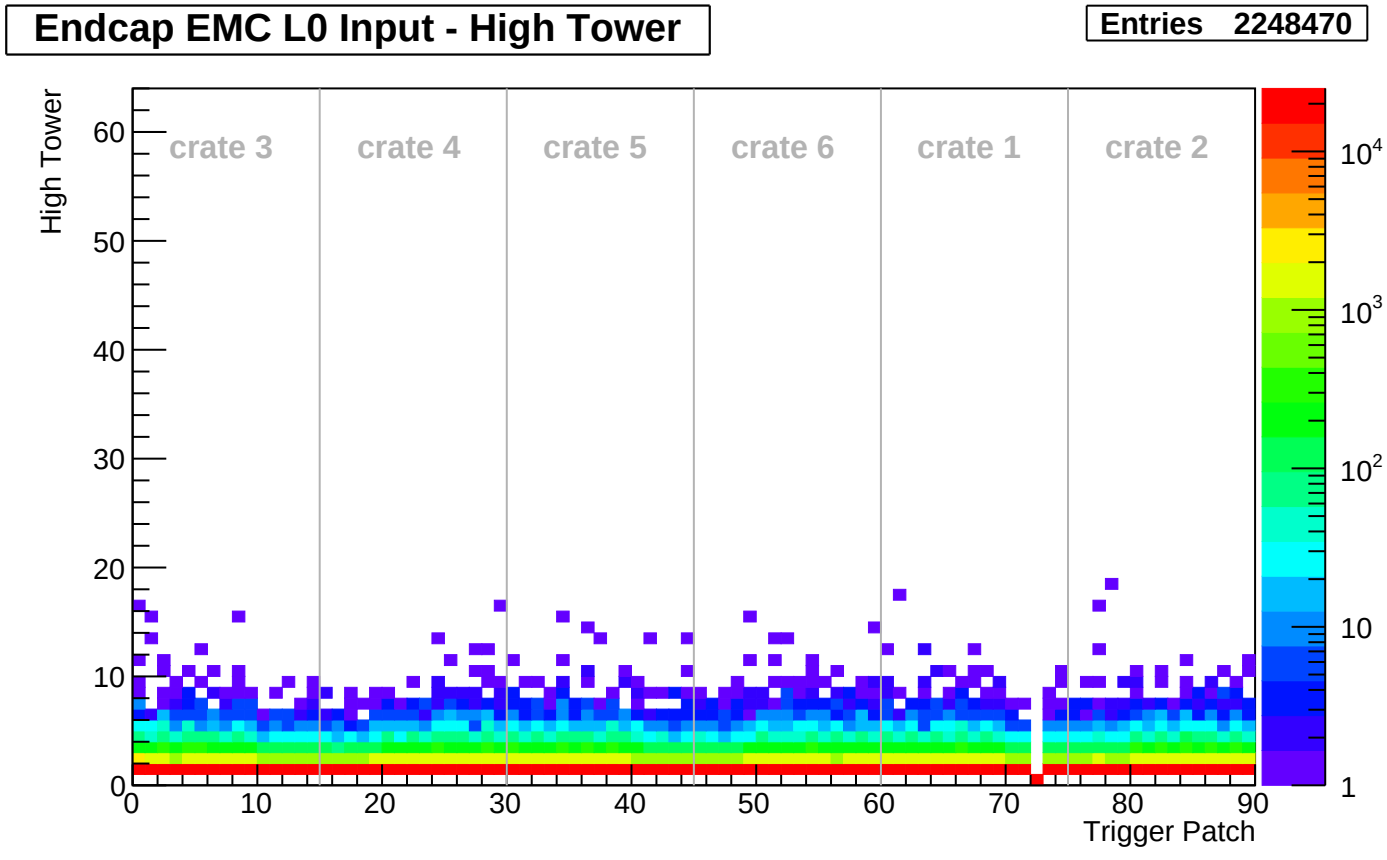
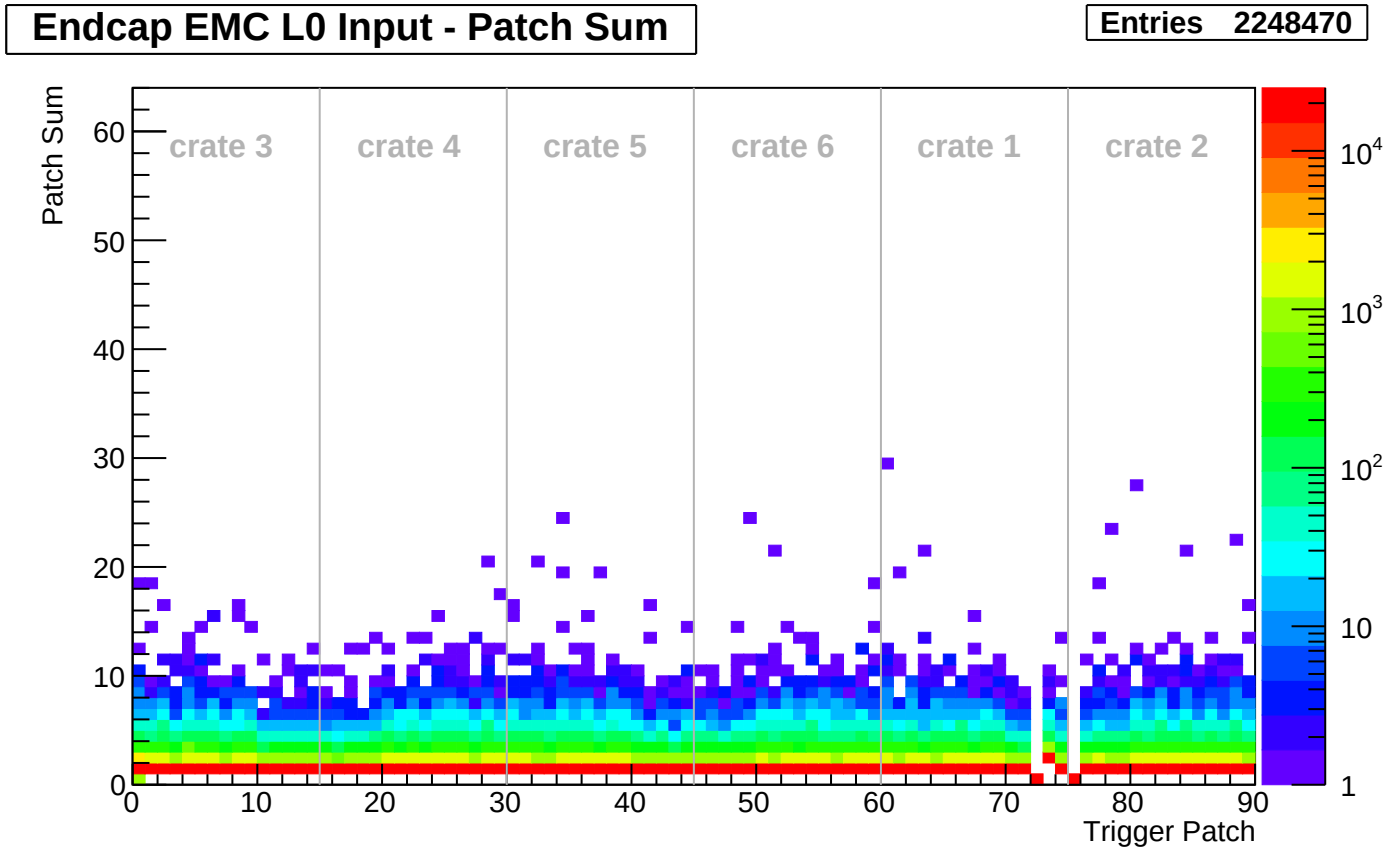
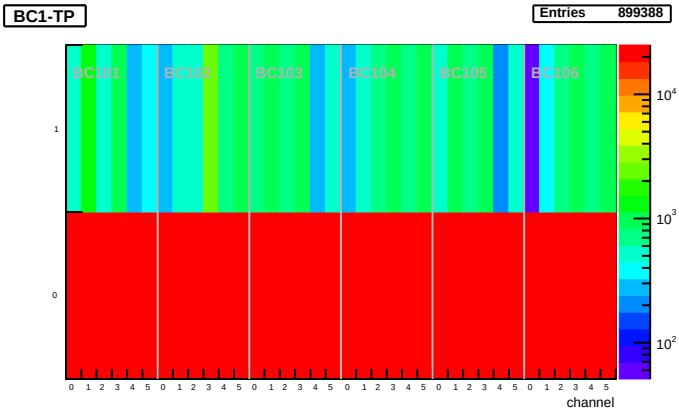
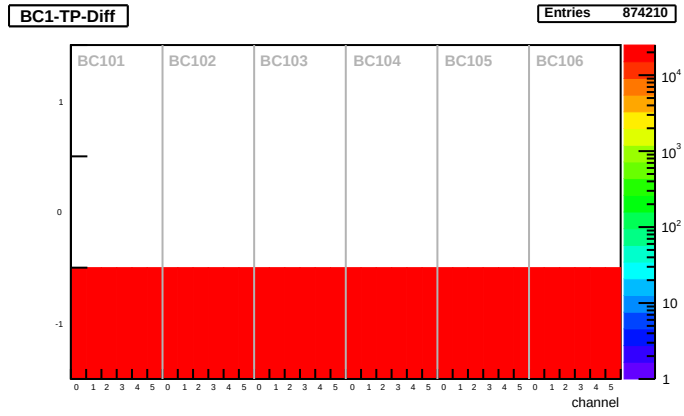

Barrel EMC L0 Input - High Tower
Entries 7494900
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

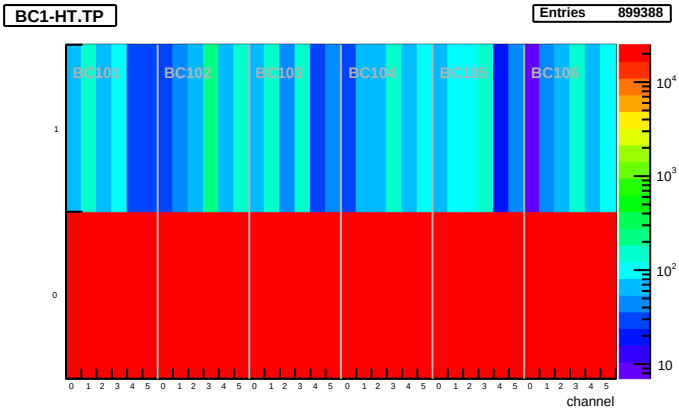

Barrel EMC L0 Input - Patch Sum
Entries 7494900
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

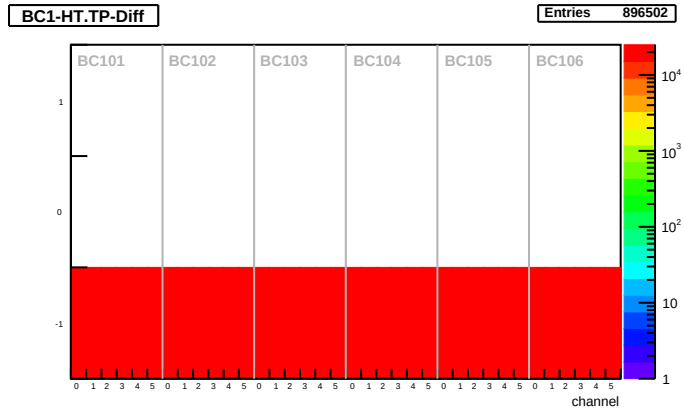

Endcap EMC L0 Input - High Tower
Entries 2248470
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

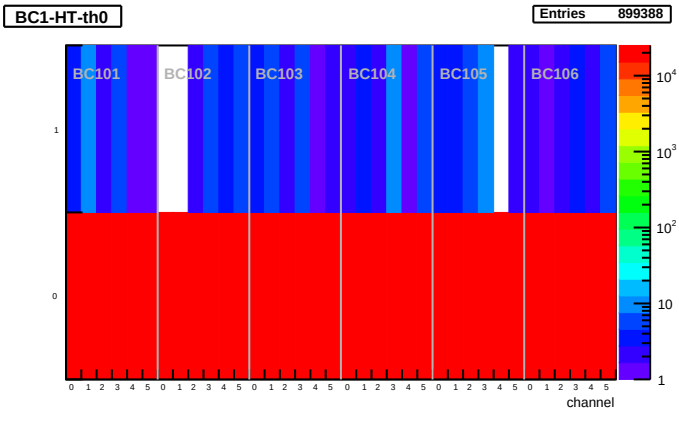

Endcap EMC L0 Input - Patch Sum
Entries 2248470
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

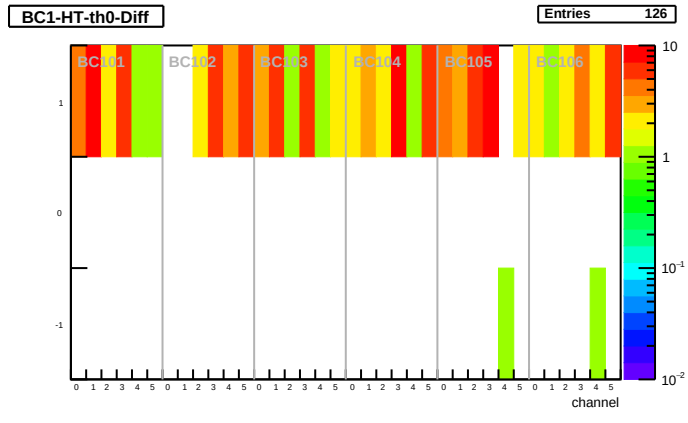

BC1-TP
Entries 899388
BC101
BC102
BC103
BC104
BC105
BC106
channel

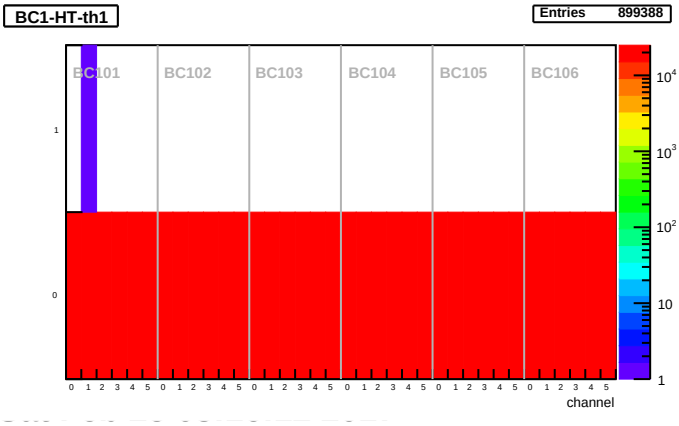

BC1-TP-Diff
Entries 874210
BC101
BC102
BC103
BC104
BC105
BC106
channel

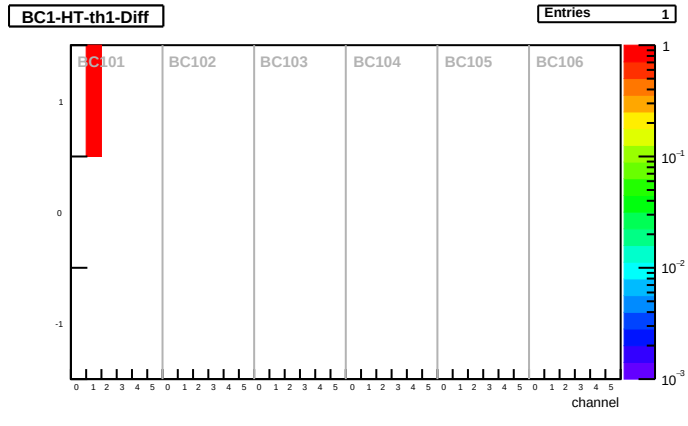

BC1-HT.TP
Entries 899388
BC101
BC102
BC103
BC104
BC105
BC106
channel

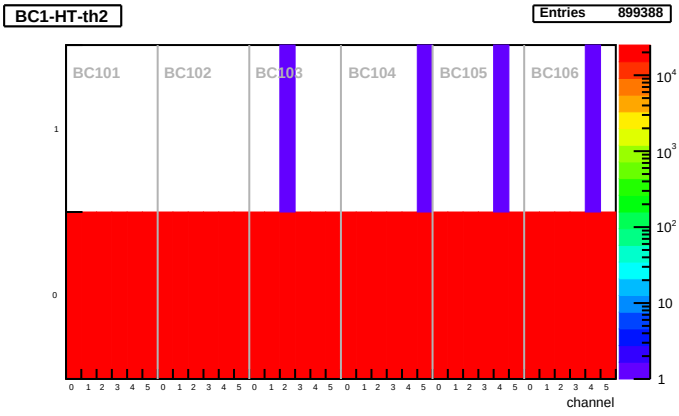

BC1-HT.TP-Diff
Entries 896502
BC101
BC102
BC103
BC104
BC105
BC106
channel

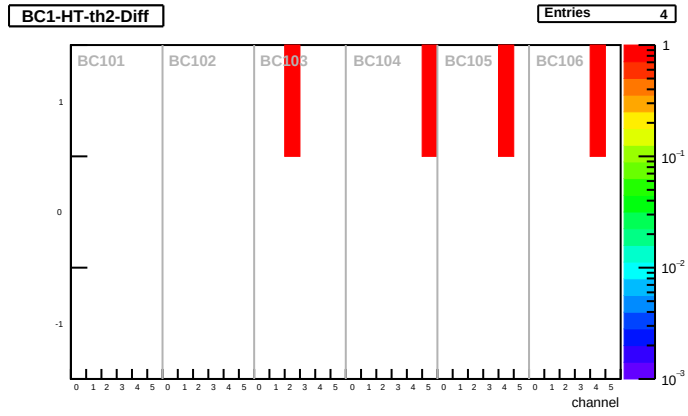

BC1-HT-th0
Entries 899388
BC101
BC102
BC103
BC104
BC105
BC106
channel

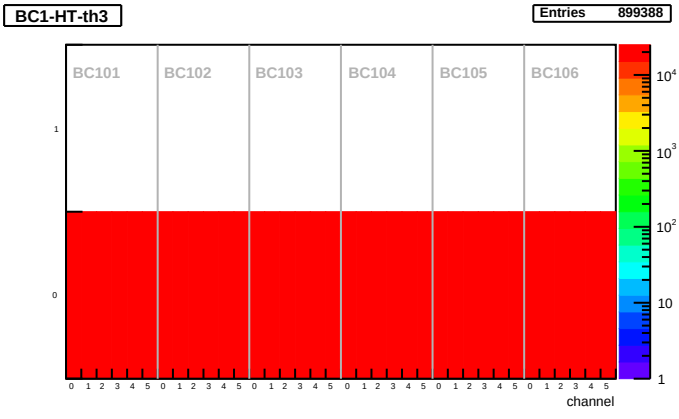

BC1-HT-th0-Diff
Entries 126
BC101
BC102
BC103
BC104
BC105
BC106
channel

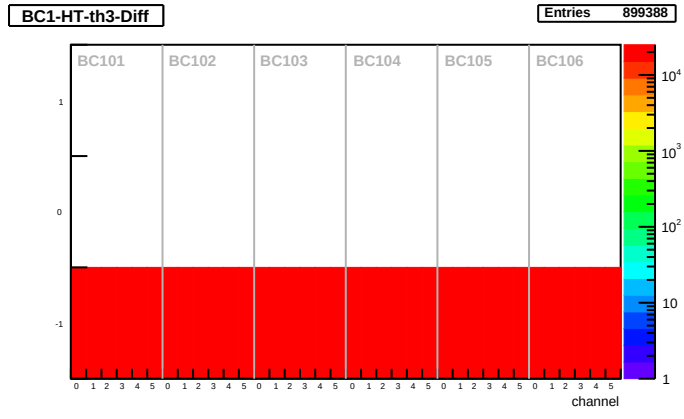

BC1-HT-th1
Entries 899388
BC101
BC102
BC103
BC104
BC105
BC106
channel

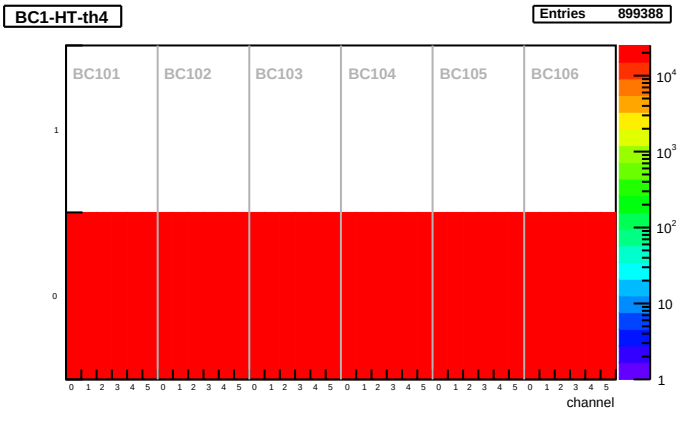

BC1-HT-th1-Diff
Entries 1
BC101
BC102
BC103
BC104
BC105
BC106
channel

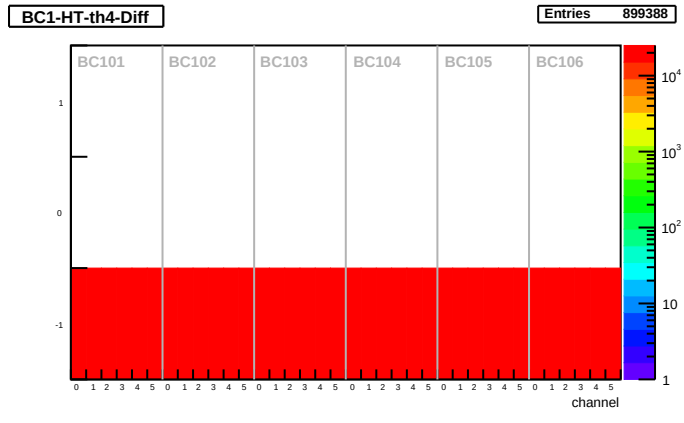

BC1-HT-th2
Entries 899388
BC101
BC102
BC103
BC104
BC105
BC106
channel

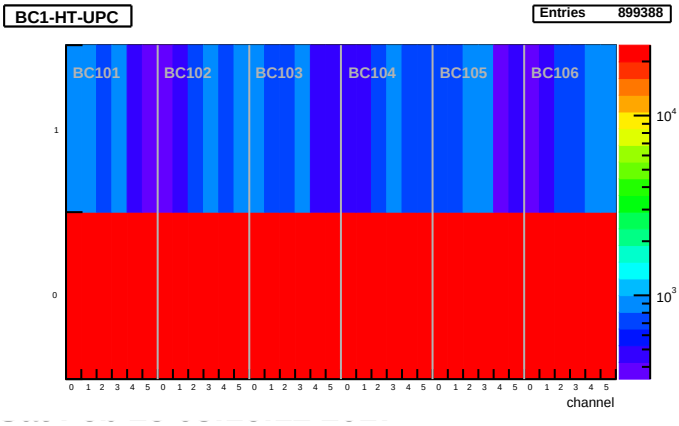

BC1-HT-th2-Diff
Entries 4
BC101
BC102
BC103
BC104
BC105
BC106
channel

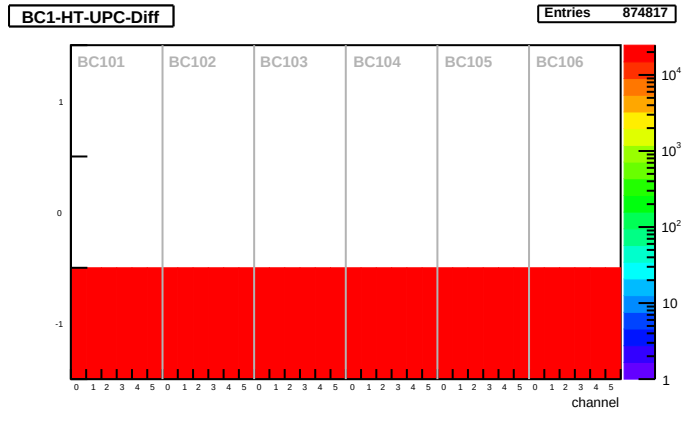

BC1-HT-th3
Entries 899388
BC101
BC102
BC103
BC104
BC105
BC106
channel

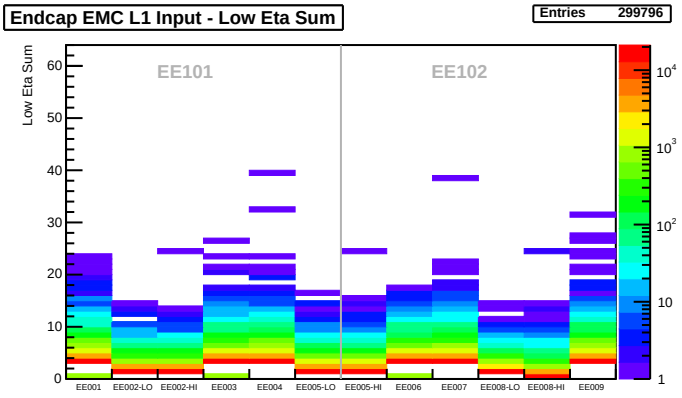

BC1-HT-th3-Diff
Entries 899388
BC101
BC102
BC103
BC104
BC105
BC106
channel

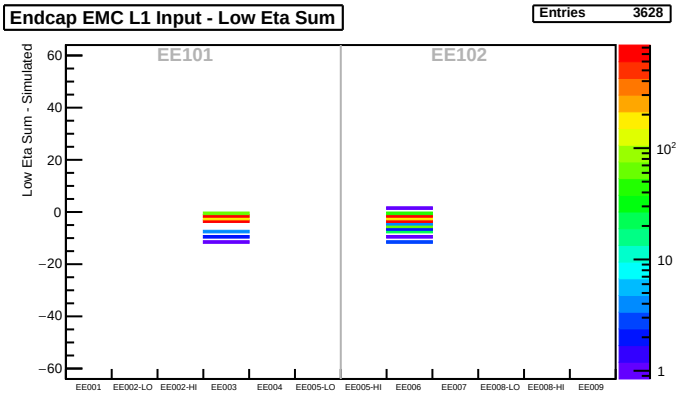

BC1-HT-th4
Entries 899388
BC101
BC102
BC103
BC104
BC105
BC106
channel

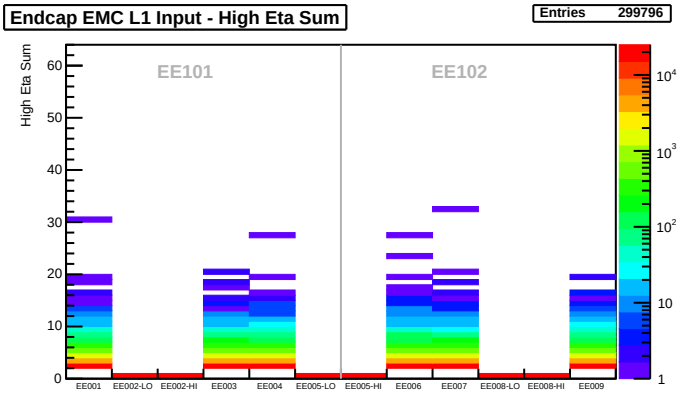

BC1-HT-th4-Diff
Entries 899388
BC101
BC102
BC103
BC104
BC105
BC106
channel

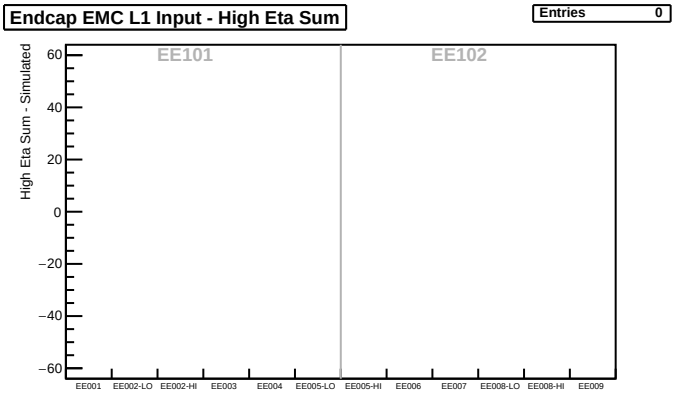

BC1-HT-UPC
Entries 899388
BC101
BC102
BC103
BC104
BC105
BC106
channel

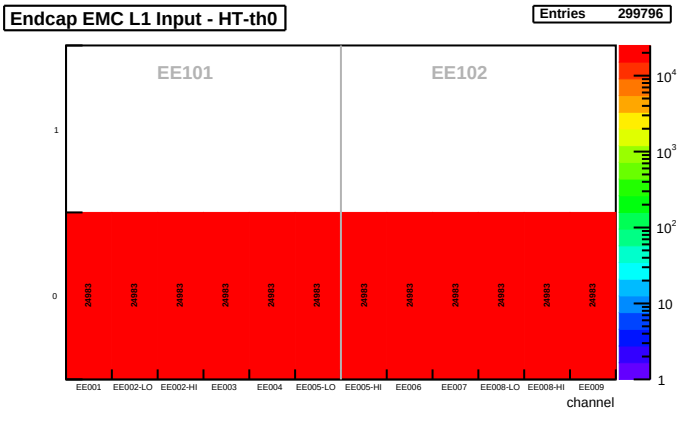

BC1-HT-UPC-Diff
Entries 874817
BC101
BC102
BC103
BC104
BC105
BC106
channel

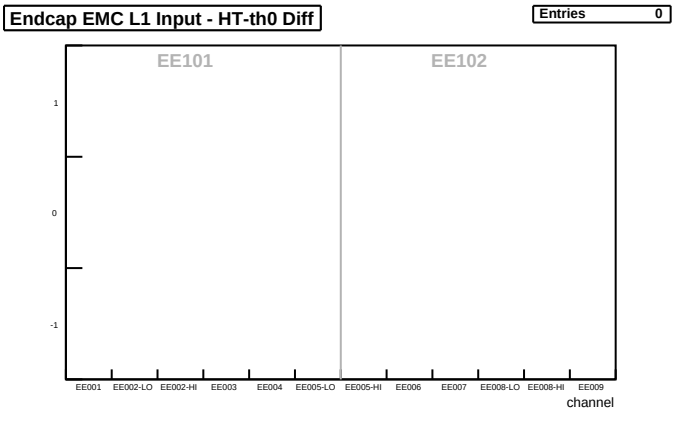

Endcap EMC L1 Input - Low Eta Sum
Entries 299796
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

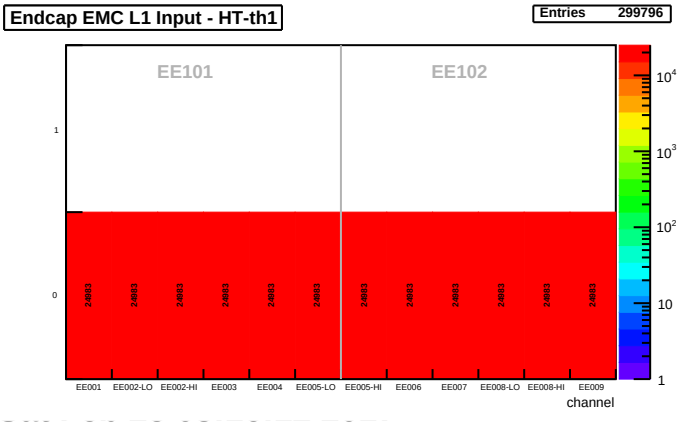

Endcap EMC L1 Input - Low Eta Sum
Entries 3628
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

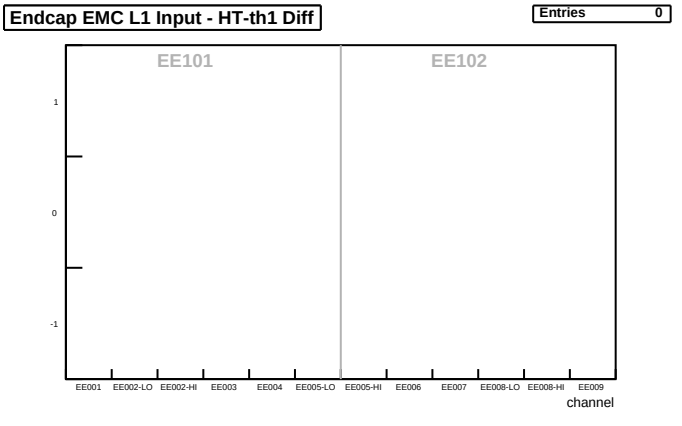

Endcap EMC L1 Input - High Eta Sum
Entries 299796
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

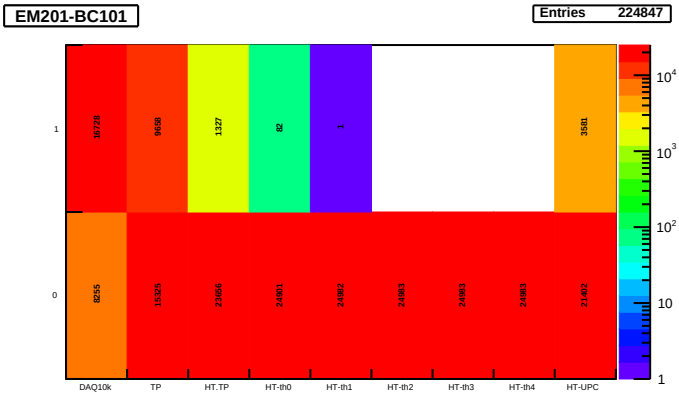

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

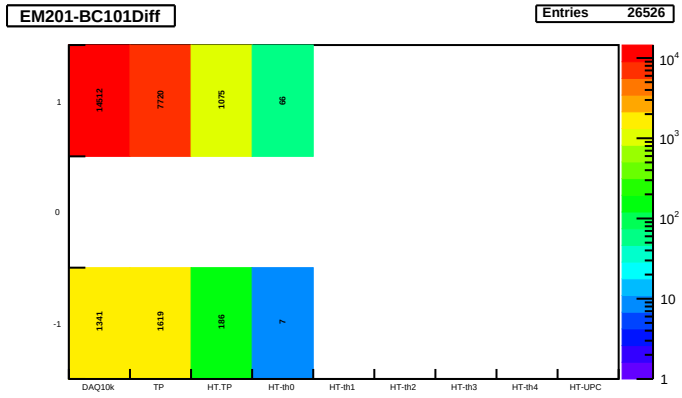

Endcap EMC L1 Input - HT-th0
Entries 299796
EE101
EE102
24993
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

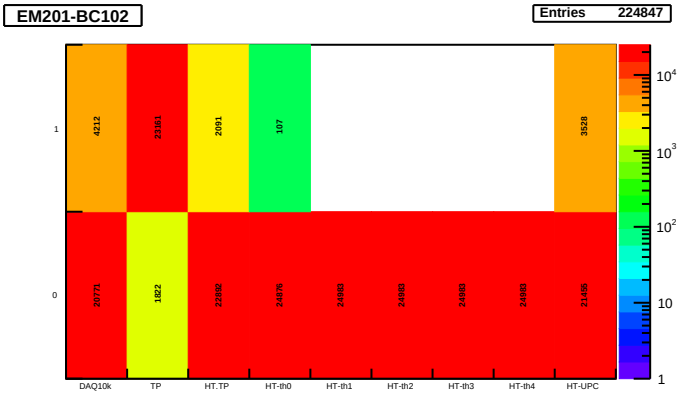

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

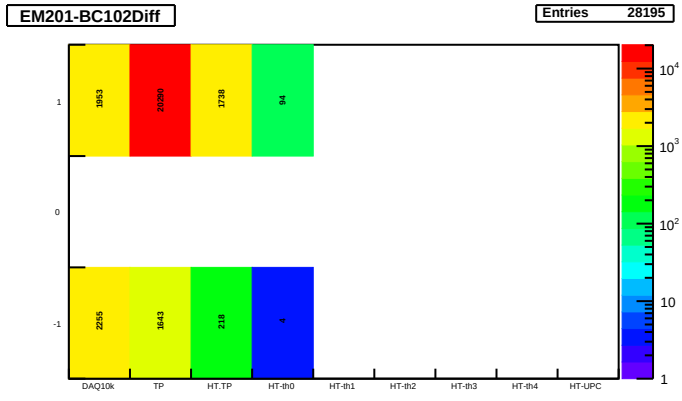

Endcap EMC L1 Input - HT-th1
Entries 299796
EE101
EE102
24993
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

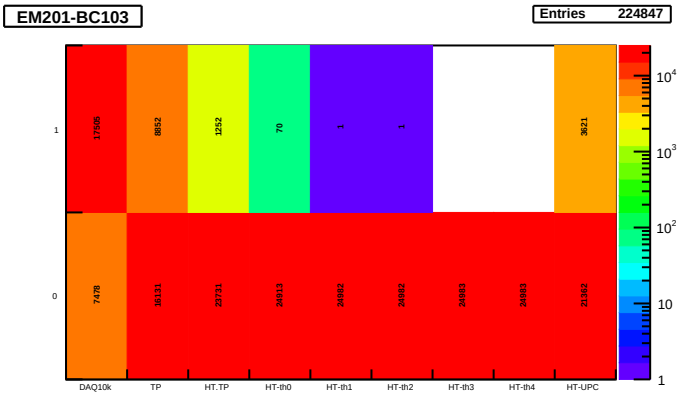

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

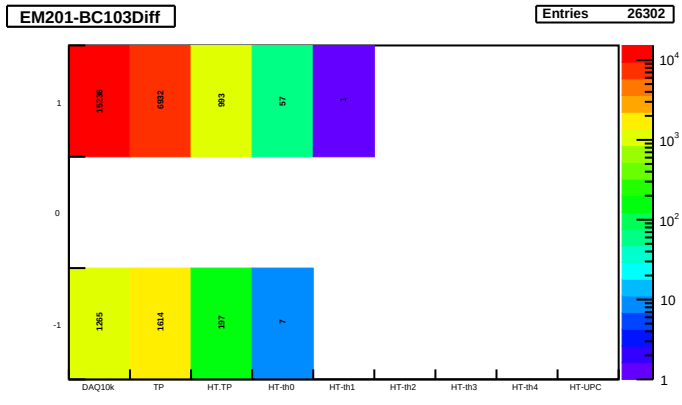

EM201-BC101
Entries 224847
1
0
16728
9658
1327
82
1
3581
8255
15525
23866
24801
24982
24983
24983
24983
21402
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

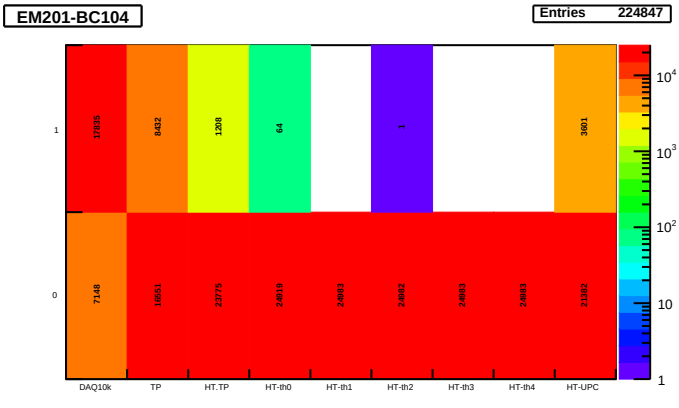

EM201-BC101Diff
Entries 26526
1
0
-1
14612
7720
1075
66
1341
1619
186
7
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

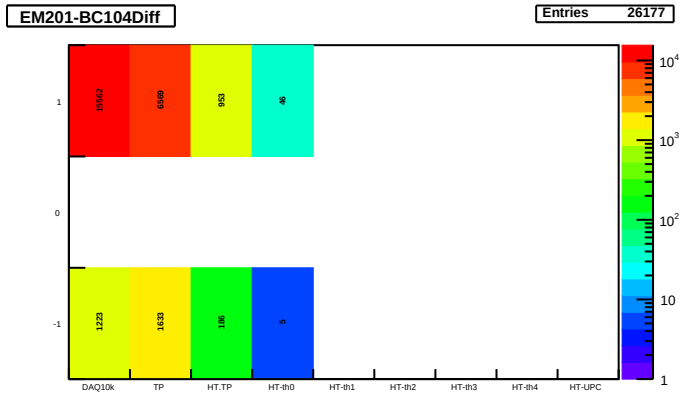

EM201-BC102
Entries 224847
1
0
4212
2361
2091
107
3528
20771
1822
22892
24976
24983
24983
24983
24983
21485
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC102Diff
Entries 28195
1
0
-1
1953
20290
1738
94
2295
1643
218
4
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

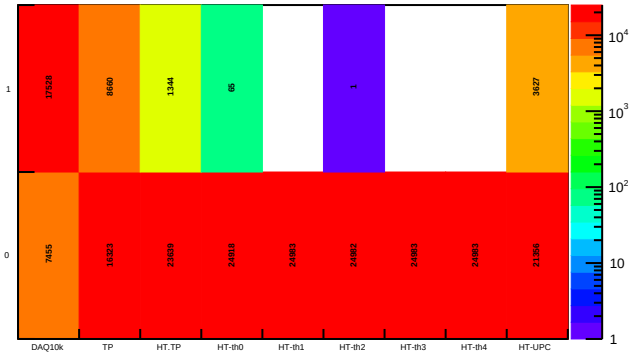

EM201-BC103
Entries 224847
1
0
17565
8852
1252
70
1
1
3621
7478
16131
23731
24913
24982
24982
24983
24983
21362
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC103Diff
Entries 26302
1
0
-1
15236
6932
993
57
1
1265
1614
197
7
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

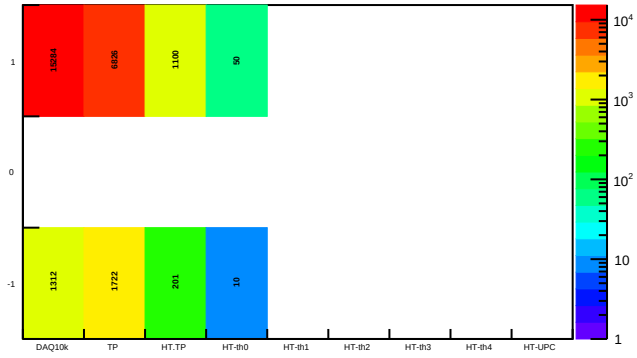

EM201-BC104
Entries 224847
1
0
17635
8432
1208
64
1
3601
7148
16551
23775
24919
24983
24982
24983
24983
21382
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC104Diff
Entries 26177
1
0
-1
15562
6569
953
46
1223
1633
186
5
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

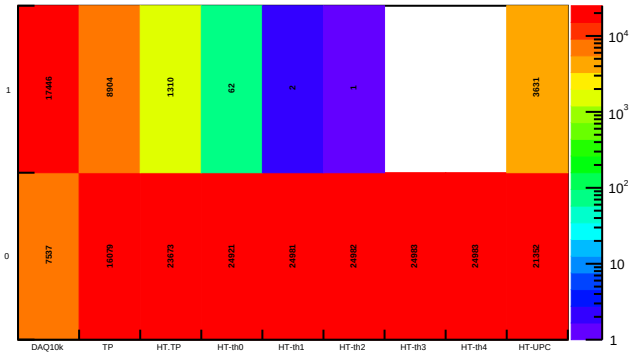
EM201-BC105 Entries 224847



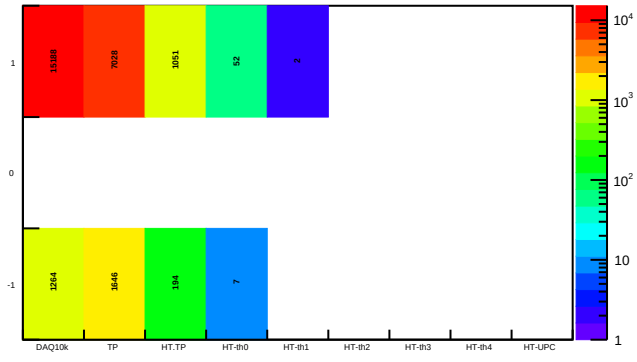
EM201-BC105Diff Entries 26505



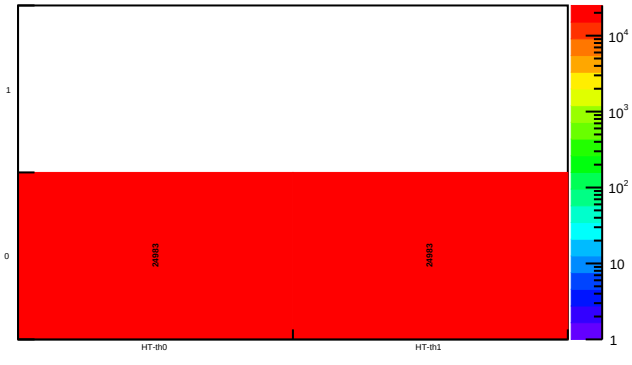
EM201-BC106 Entries 224847



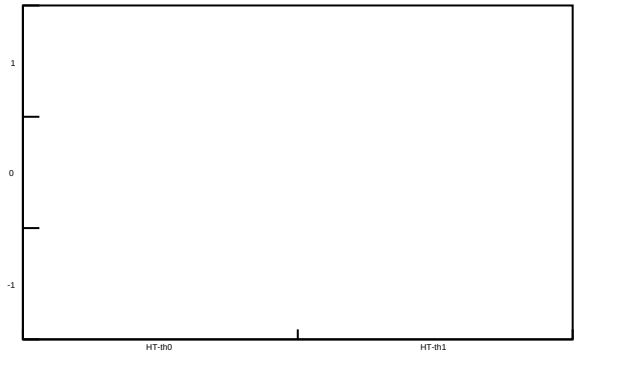
EM201-BC106Diff Entries 26432



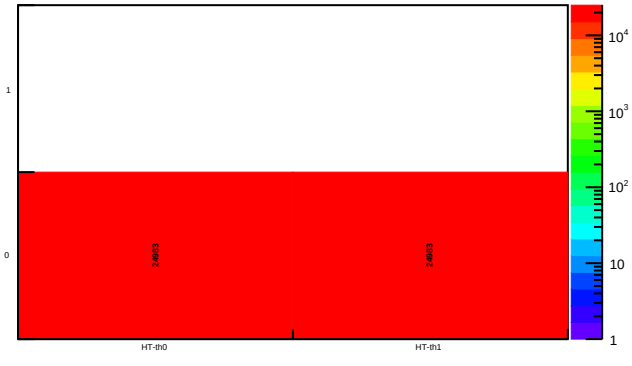
EM201-EE101 Entries 49966



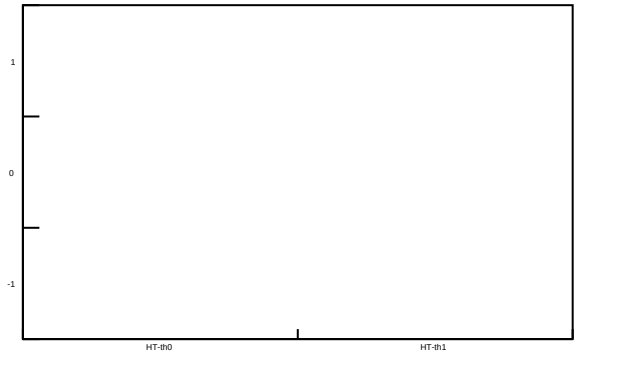
EM201-EE101Diff Entries 0

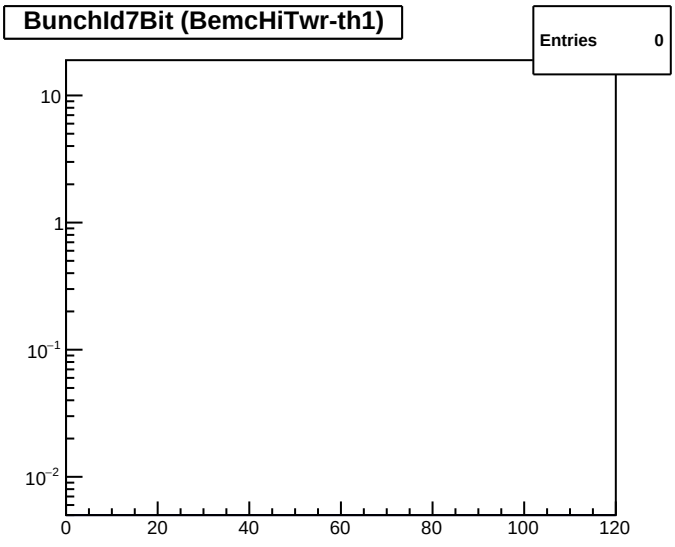


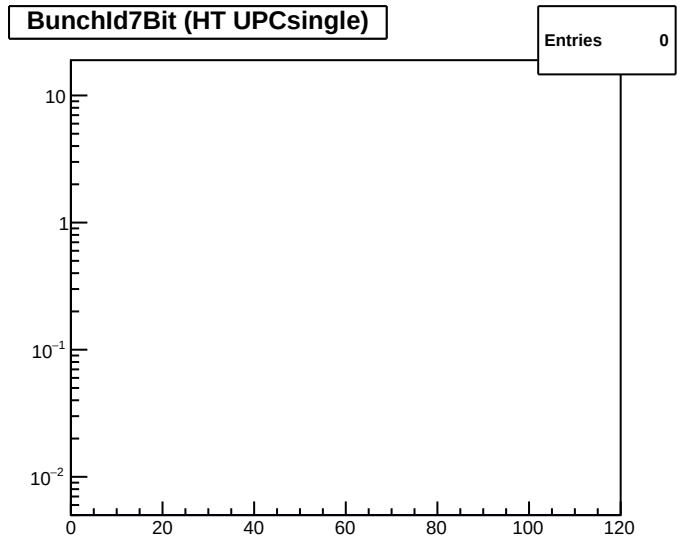
EM201-EE102 Entries 49966

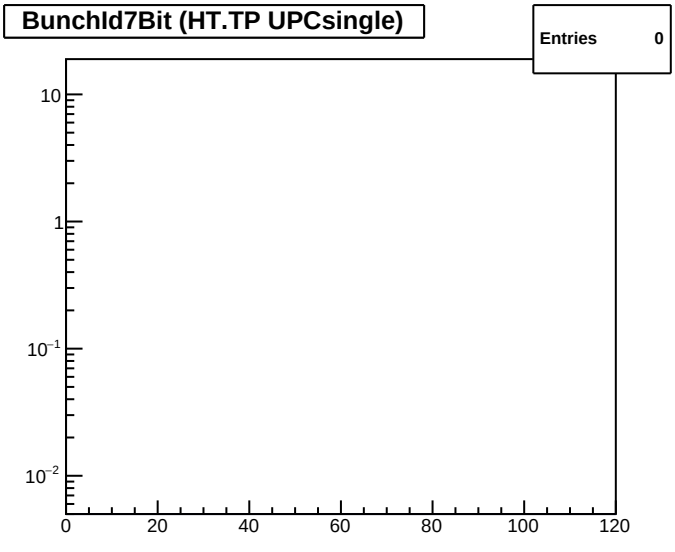


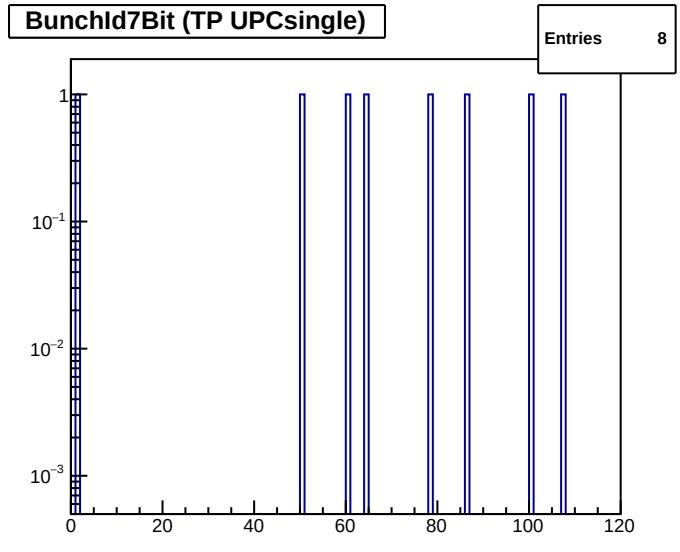
EM201-EE102Diff Entries 0

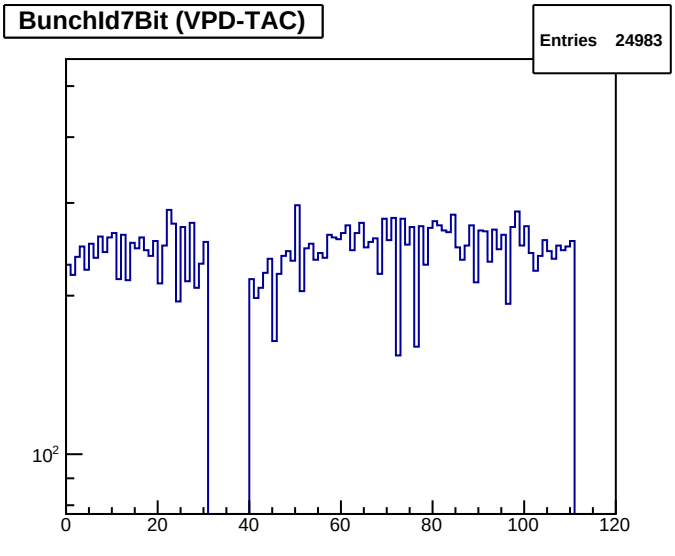


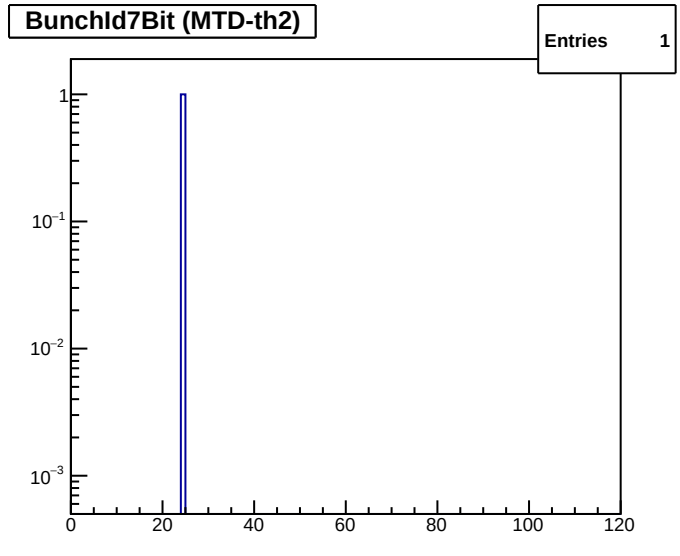

BunchId7Bit (BemcHiTwr-th1)
Entries 0

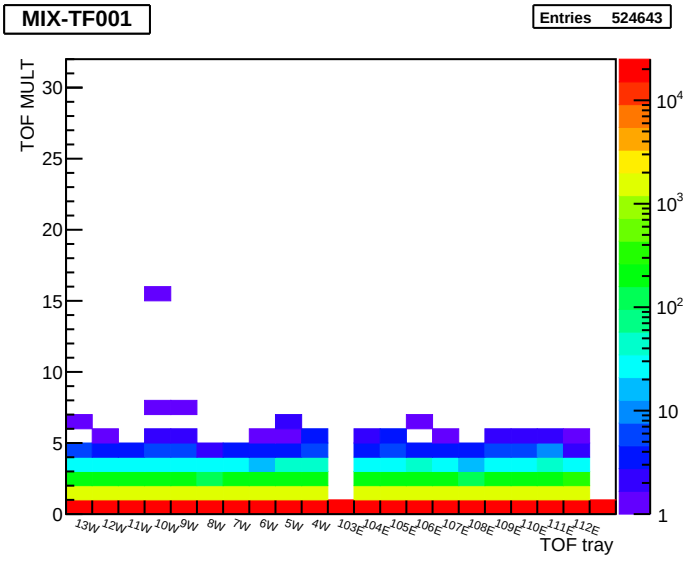

BunchId7Bit (HT UPCsingle)
Entries 0

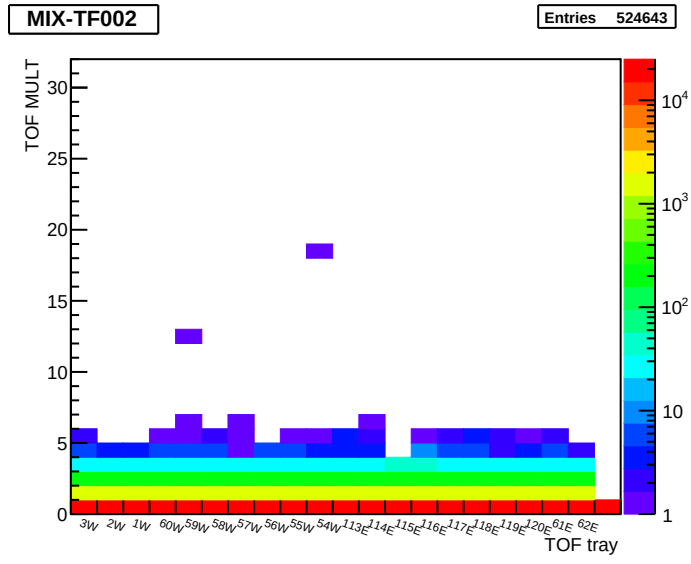

BunchId7Bit (HT.TP UPCsingle)
Entries 0

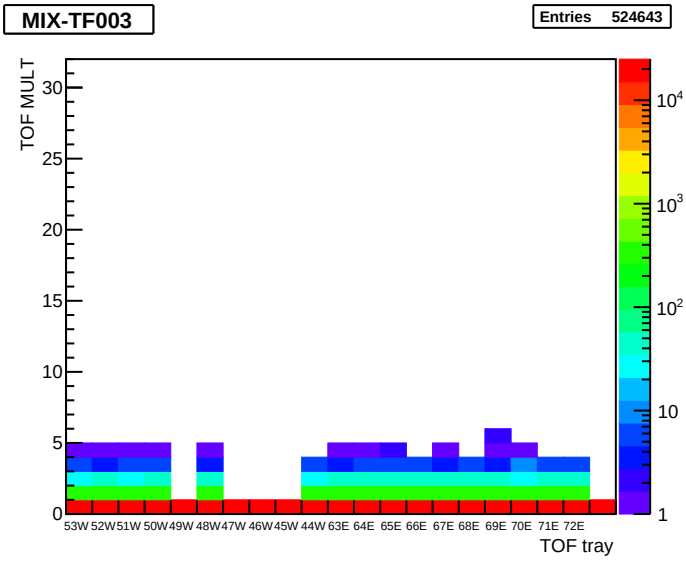

BunchId7Bit (TP UPCsingle)
Entries 8

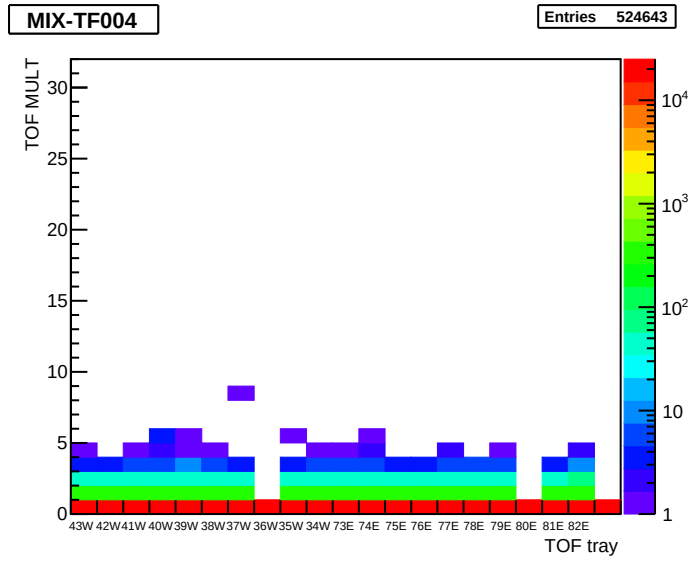

BunchId7Bit (VPD-TAC)
Entries 24983

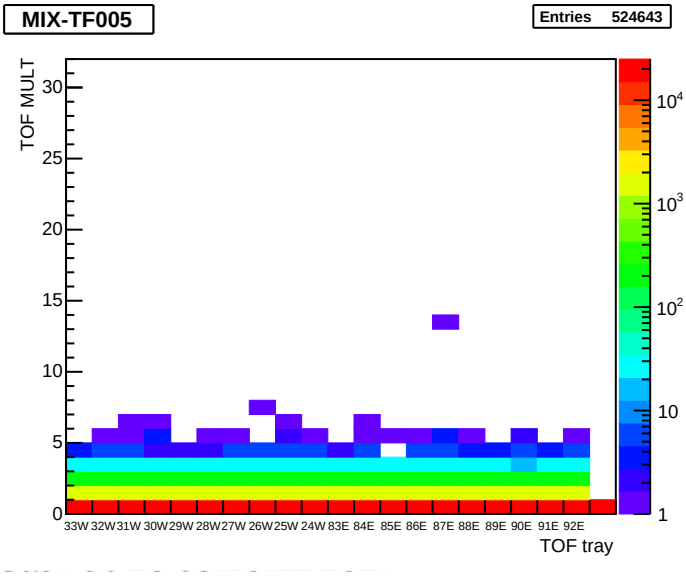

BunchId7Bit (MTD-th2)
Entries 1

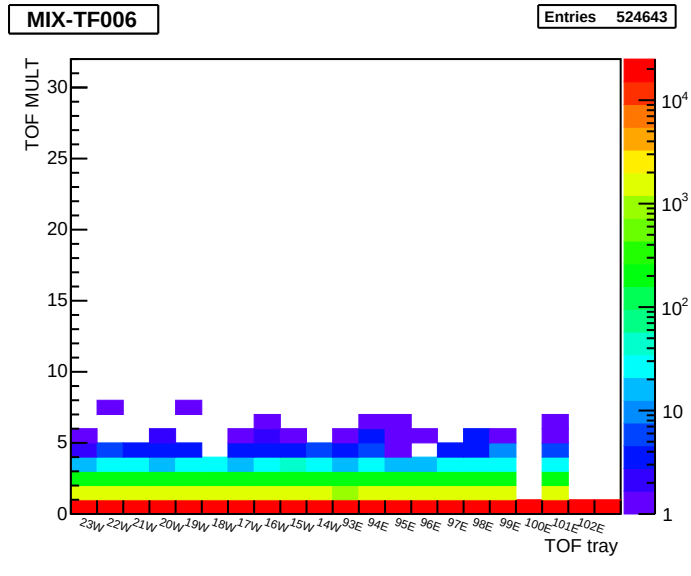

MIX-TF001
Entries 524643
TOF MULT
TOF tray

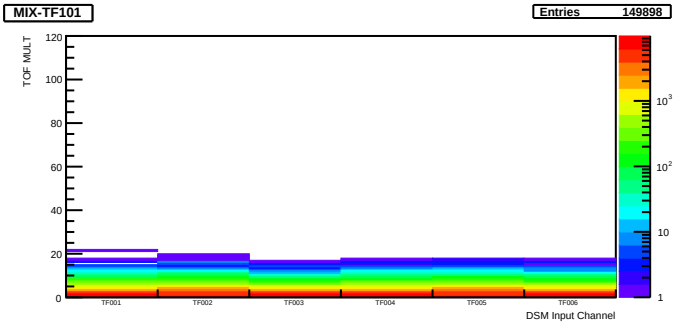

MIX-TF002
Entries 524643
TOF MULT
TOF tray

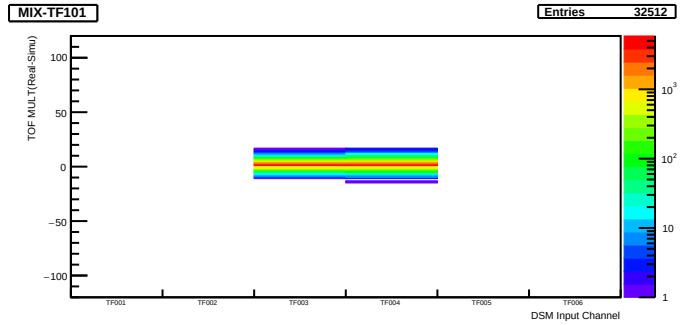

MIX-TF003
Entries 524643
TOF MULT
TOF tray

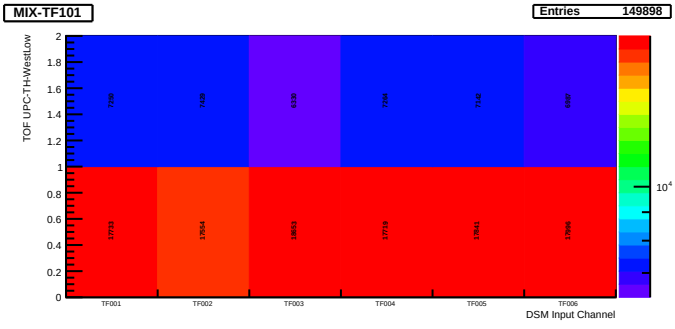

MIX-TF004
Entries 524643
TOF MULT
TOF tray

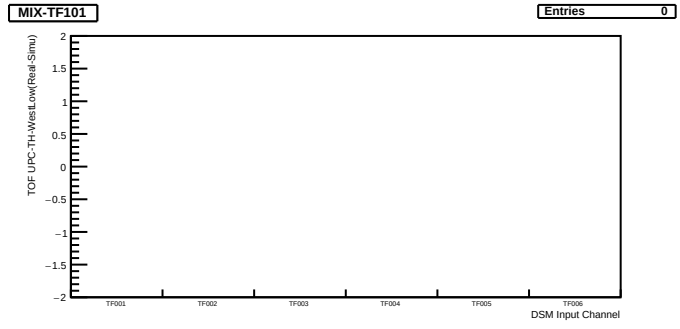

MIX-TF005
Entries 524643
TOF MULT
TOF tray

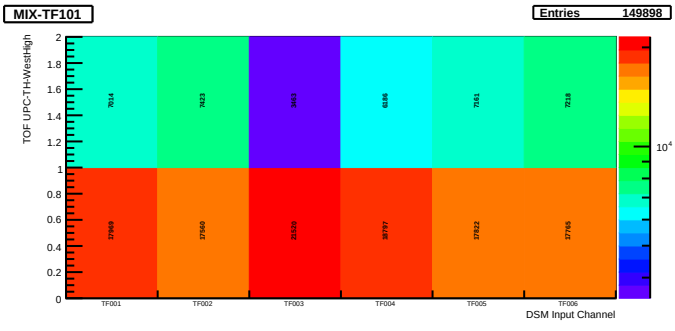

MIX-TF006
Entries 524643
TOF MULT
TOF tray

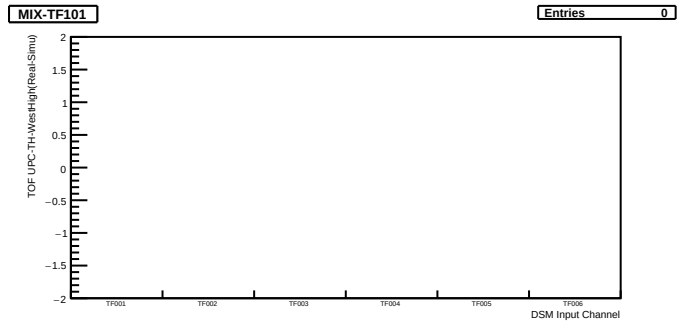

MIX-TF101
Entries 149898
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

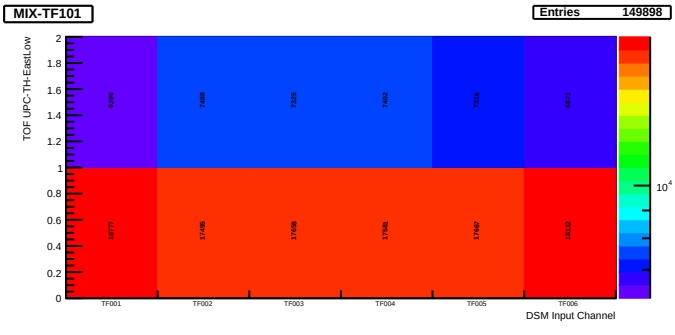

MIX-TF101
Entries 32512
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

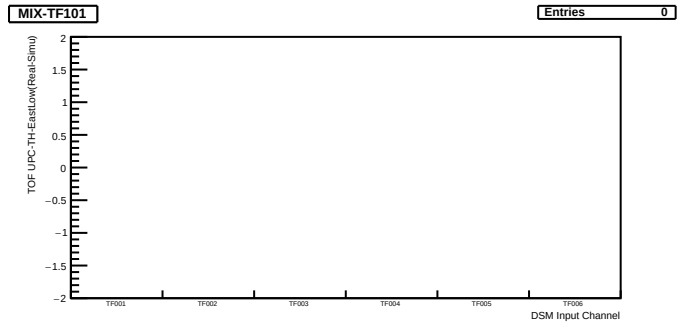

MIX-TF101
Entries 149898
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

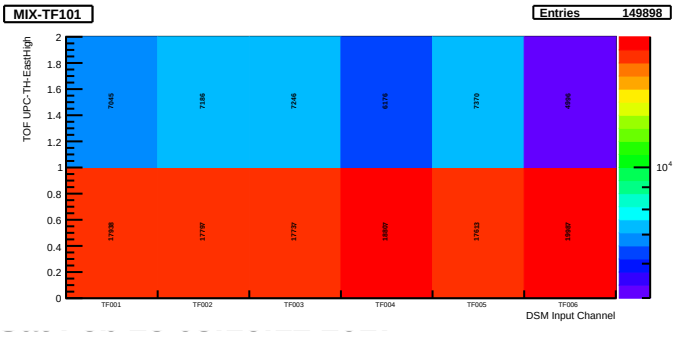

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

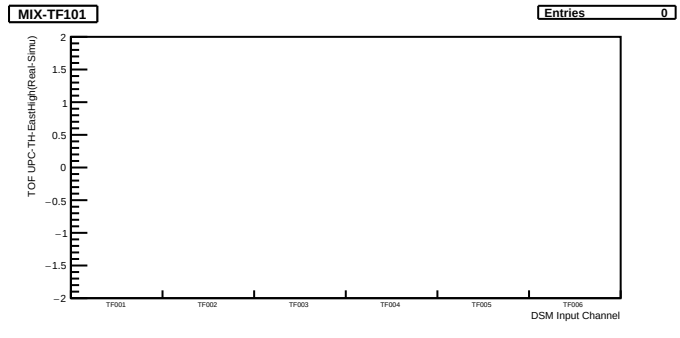

MIX-TF101
Entries 149898
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

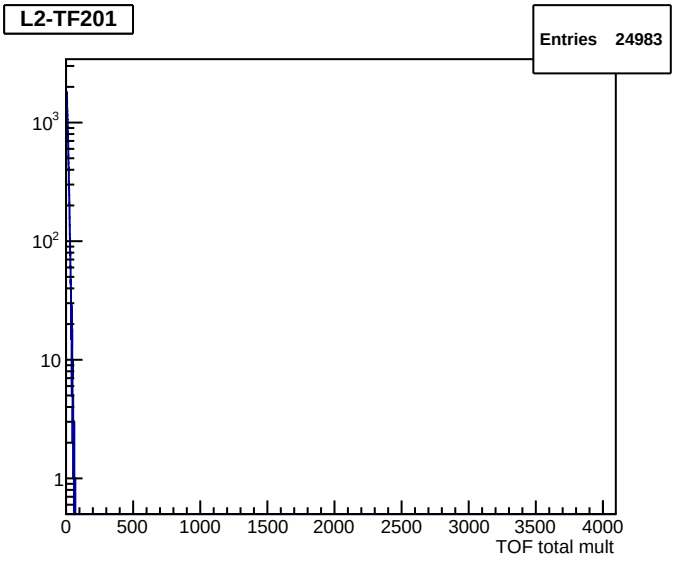

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

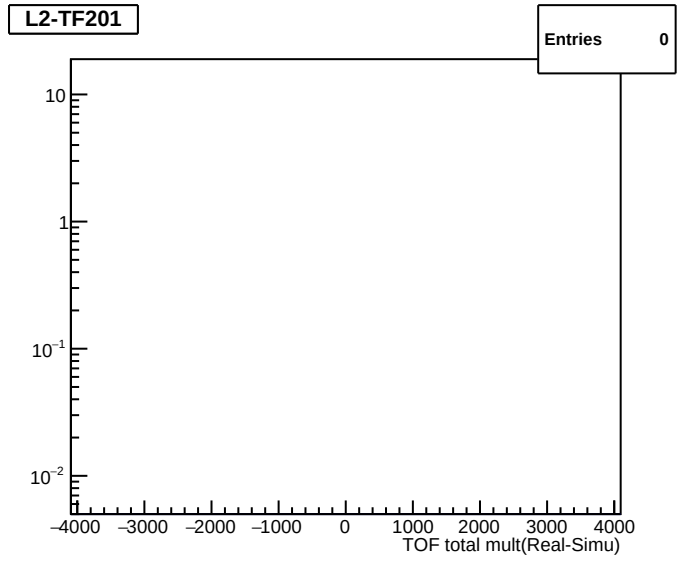

MIX-TF101
Entries 149898
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

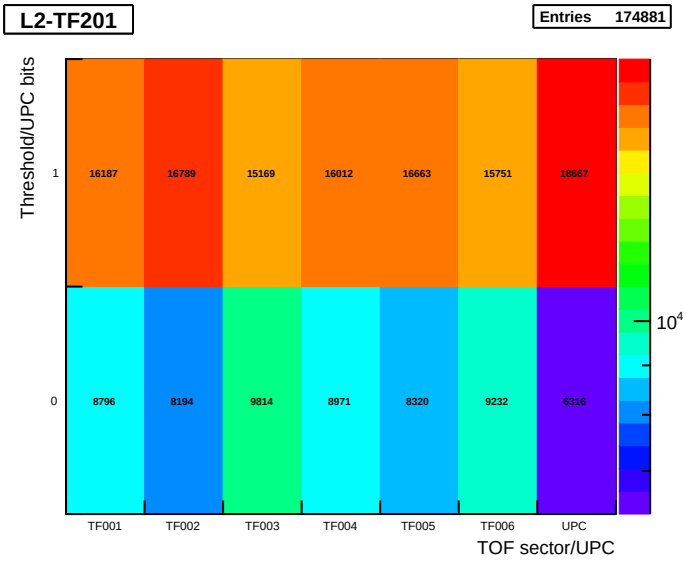

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

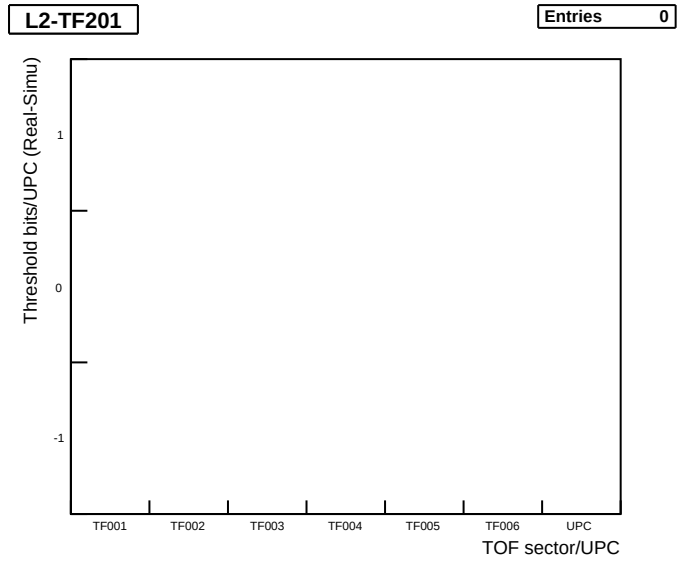

MIX-TF101
Entries 149898
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

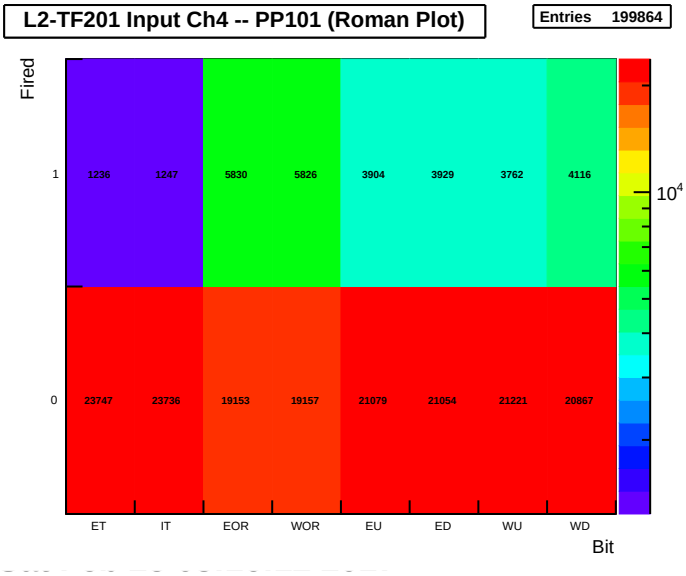

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

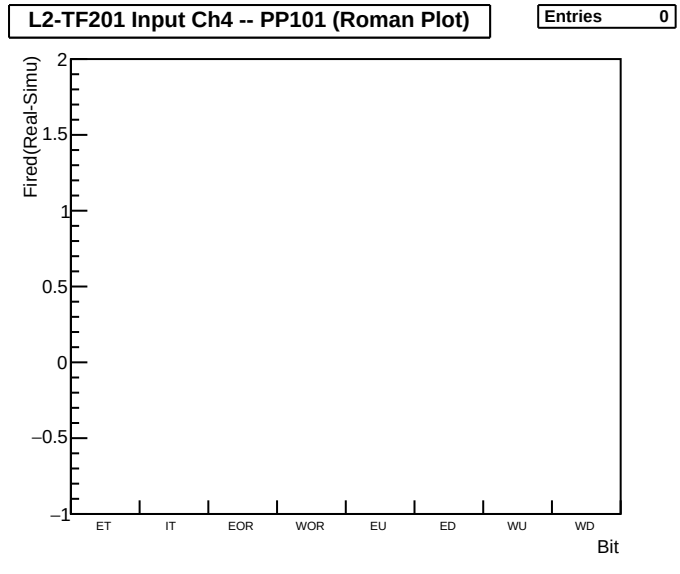

L2-TF201
Entries 24983
TOF total mult

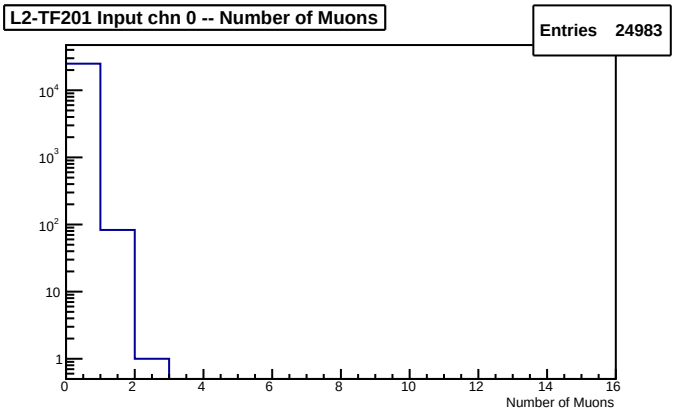

L2-TF201
Entries 0
TOF total mult(Real-Simu)

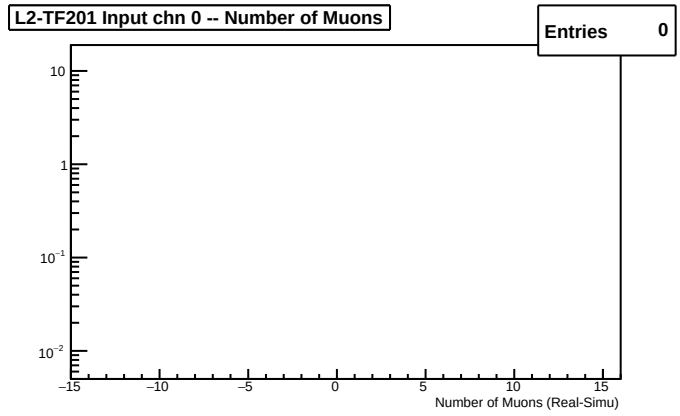

L2-TF201
Entries 174881
Threshold/UPC bits
16187 16789 15169 16012 16663 15751 18667
8796 8194 9814 8971 8320 9232 6316
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

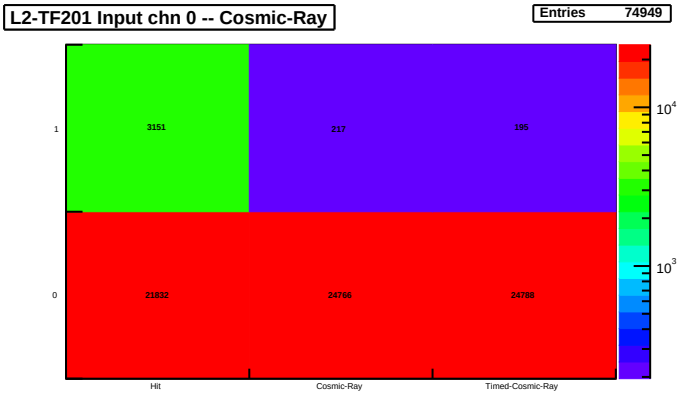

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

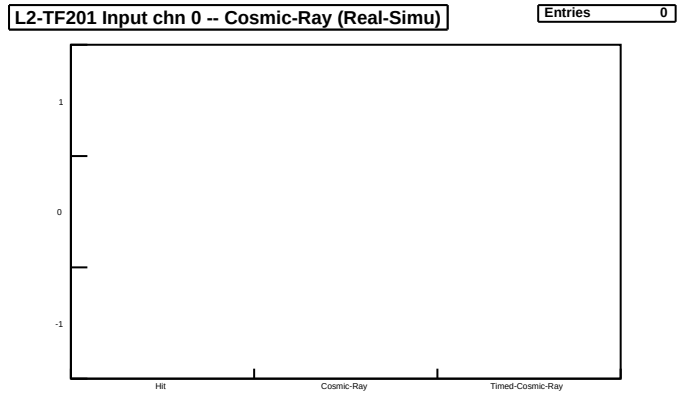

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 199864
Fired
1236 1247 5830 5826 3904 3929 3762 4116
23747 23736 19153 19157 21079 21054 21221 20867
ET IT EOR WOR EU ED WU WD
Bit

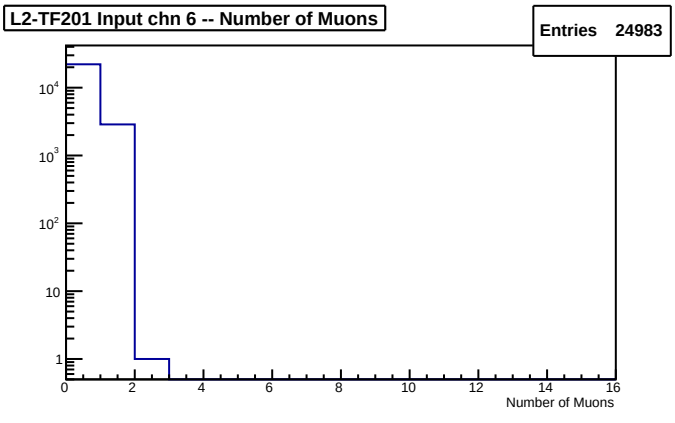

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

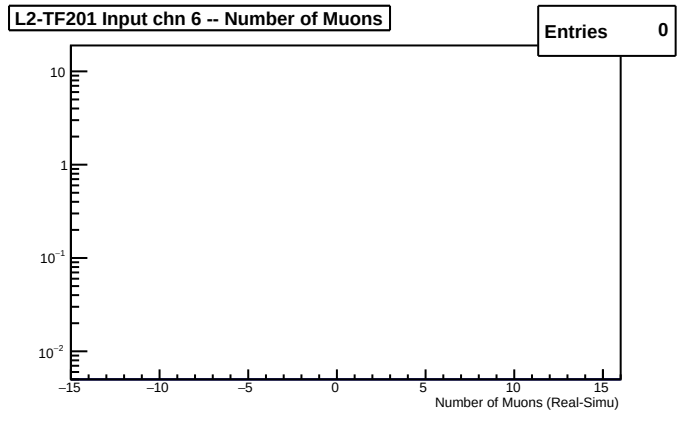

L2-TF201 Input chn 0 -- Number of Muons
Entries 24983
Number of Muons

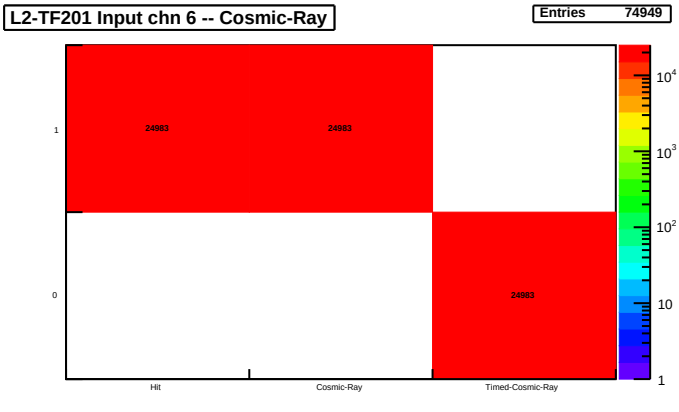

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

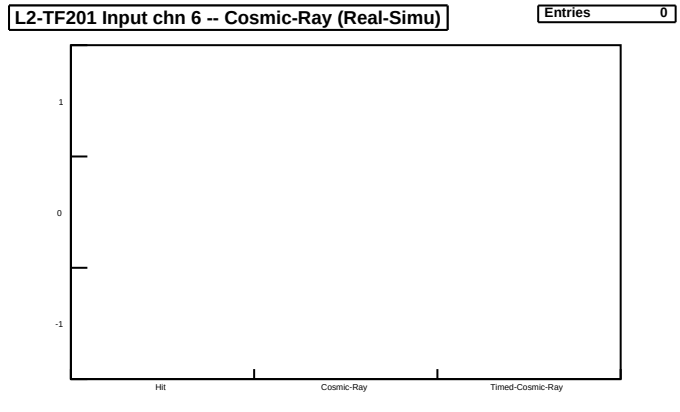

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 74949
3151
217
195
21832
24766
24788
Hit
Cosmic-Ray
Timed-Cosmic-Ray

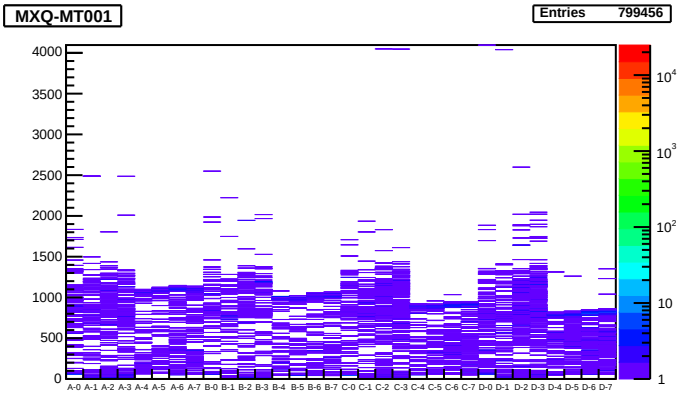

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

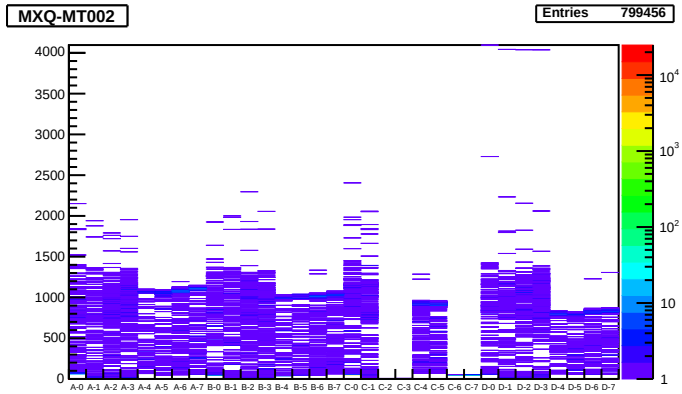

L2-TF201 Input chn 6 -- Number of Muons
Entries 24983
Number of Muons

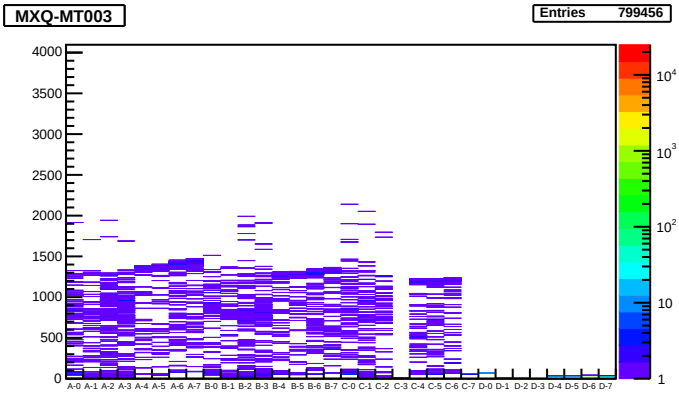

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

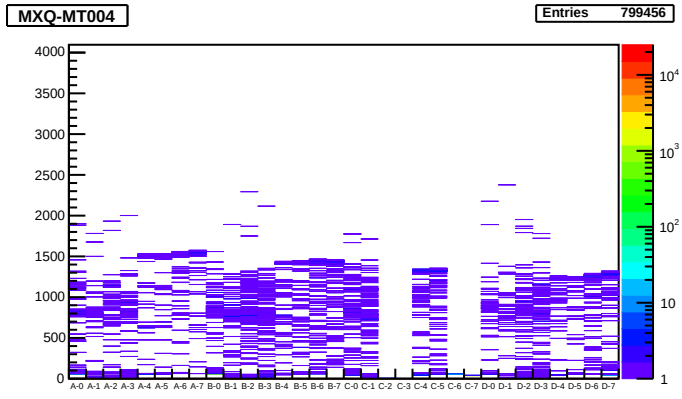

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 74949
24983
24983
24983
Hit
Cosmic-Ray
Timed-Cosmic-Ray

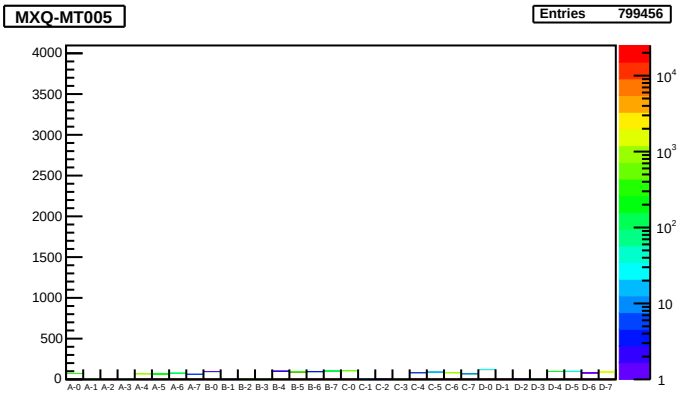

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

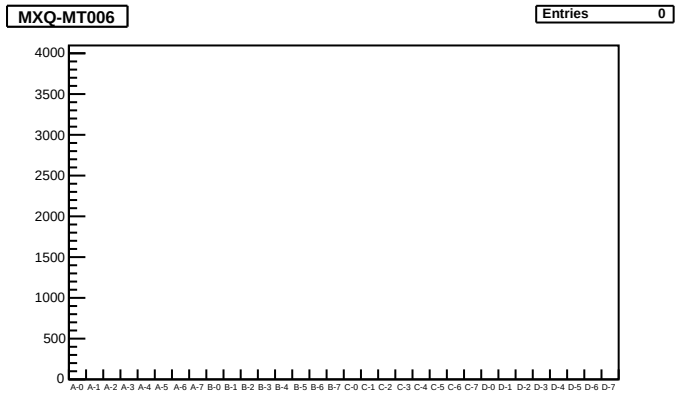

MXQ-MT001
Entries 799456

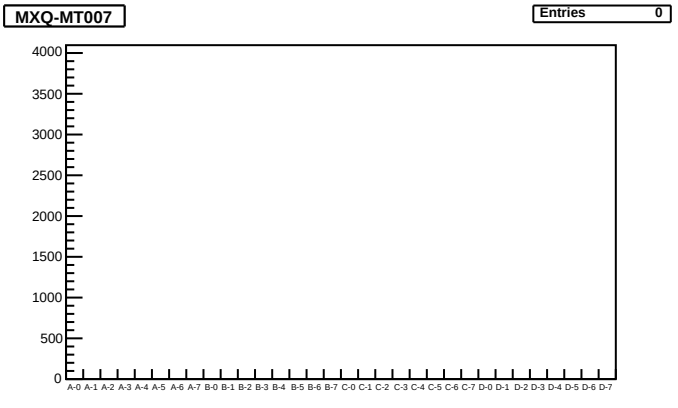

MXQ-MT002
Entries 799456

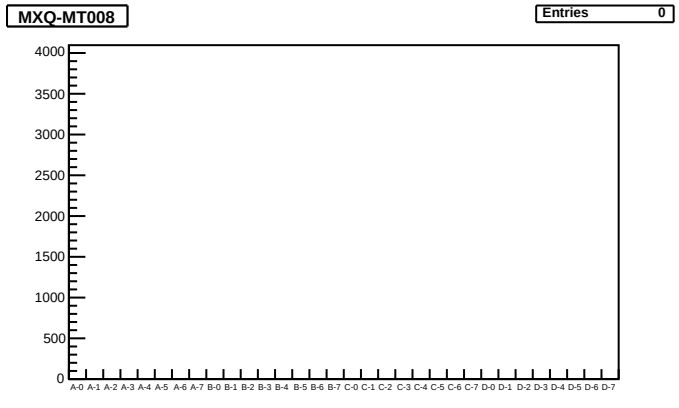

MXQ-MT003
Entries 799456

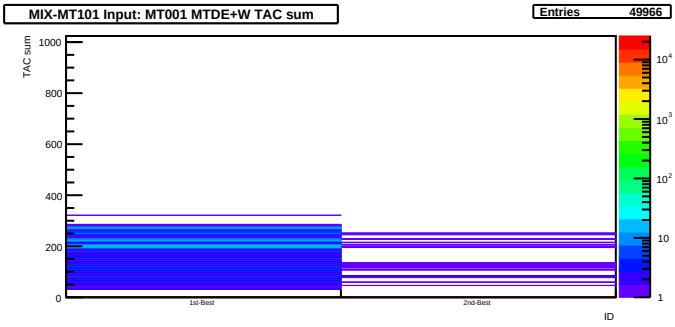

MXQ-MT004
Entries 799456

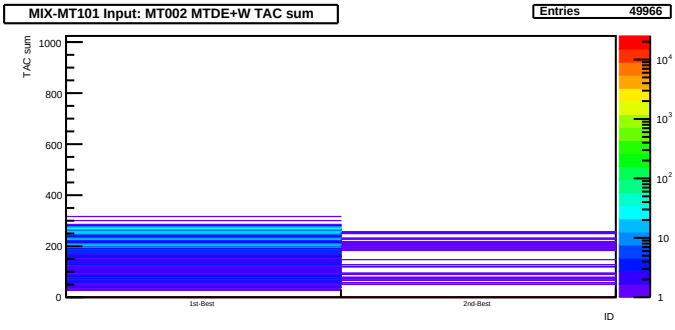

MXQ-MT005
Entries 799456

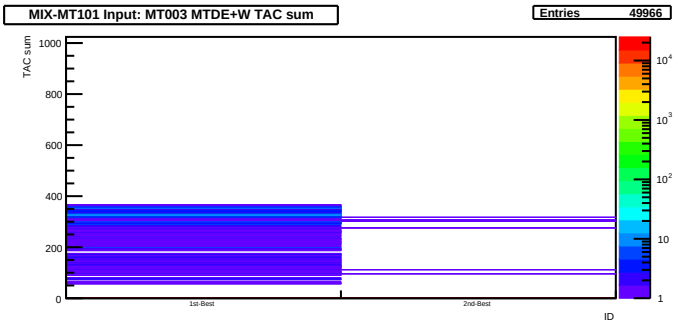

MXQ-MT006
Entries 0

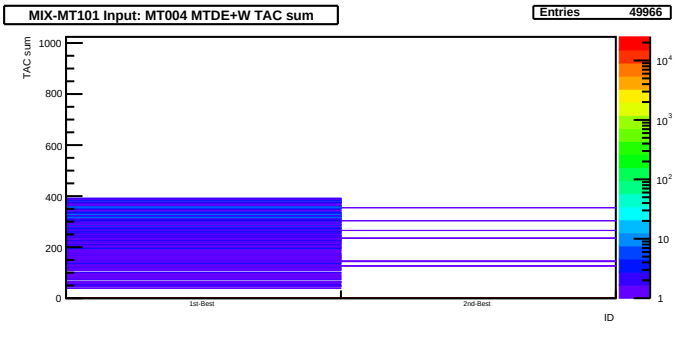

MXQ-MT007
Entries 0

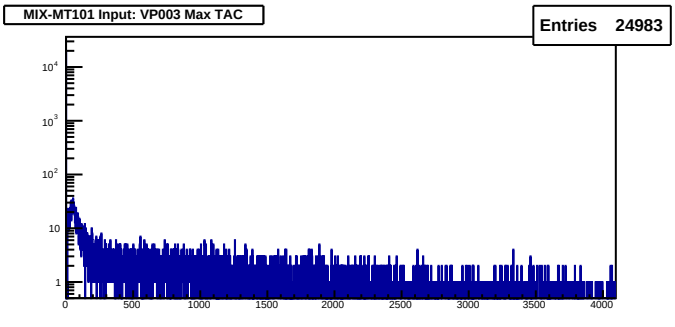

MXQ-MT008
Entries 0

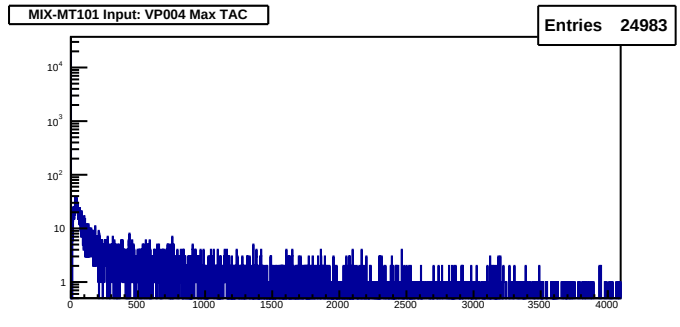

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 49966
TAC sum
1st-Best
2nd-Best
ID

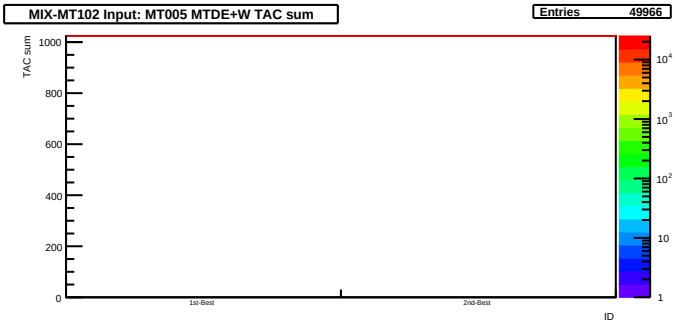

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 49966
TAC sum
1st-Best
2nd-Best
ID

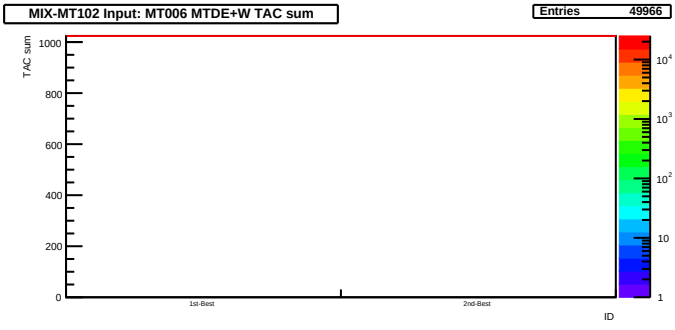

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 49966
TAC sum
1st-Best
2nd-Best
ID

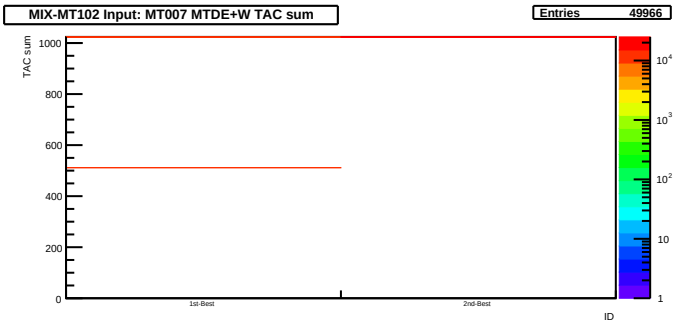

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 49966
TAC sum
1st-Best
2nd-Best
ID

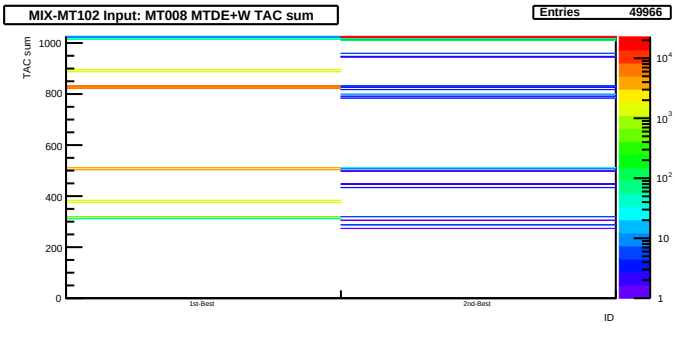

MIX-MT101 Input: VP003 Max TAC
Entries 24983

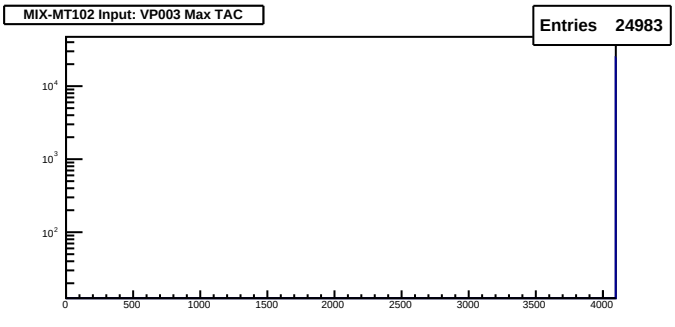

MIX-MT101 Input: VP004 Max TAC
Entries 24983

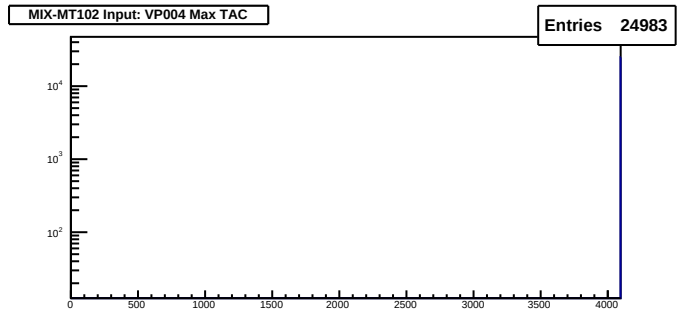

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 49966
TAC sum
1st-Best
2nd-Best
ID

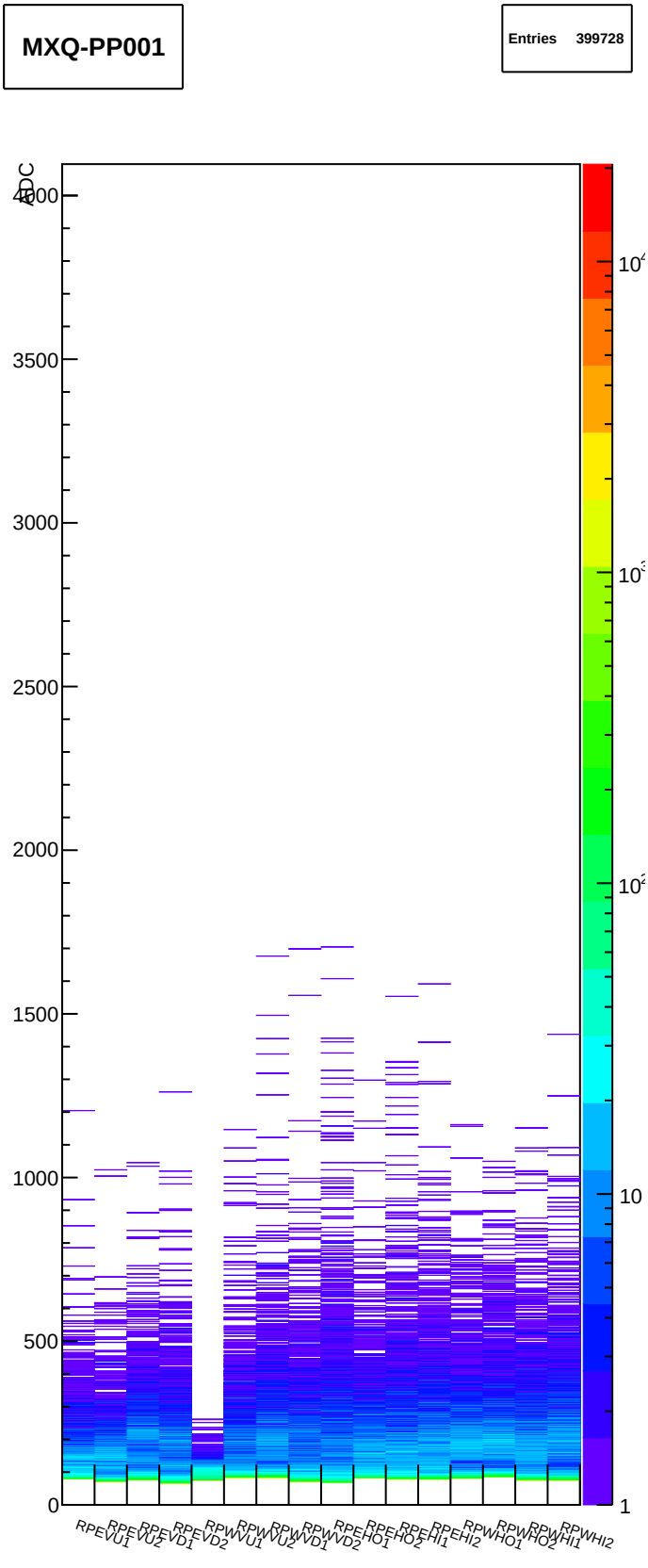

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 49966
TAC sum
1st-Best
2nd-Best
ID

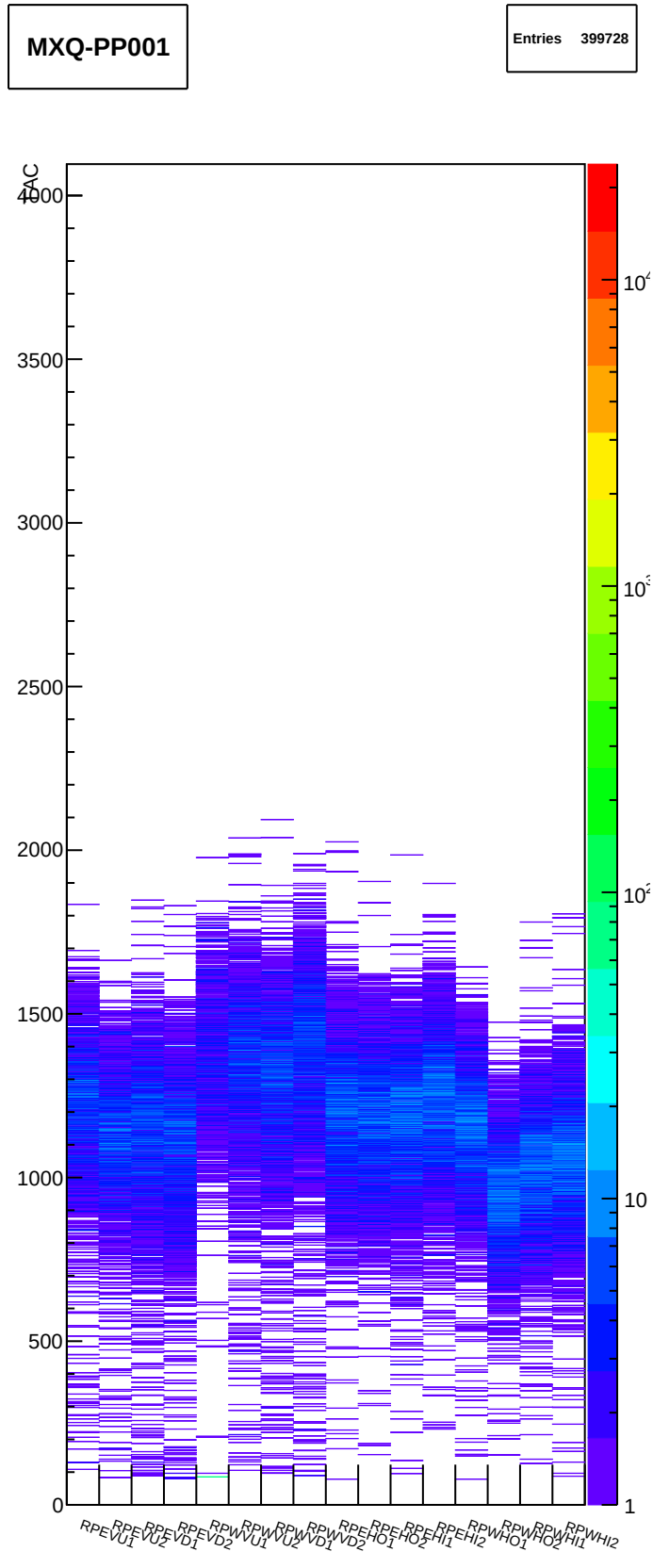

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 49966
TAC sum
1st-Best
2nd-Best
ID

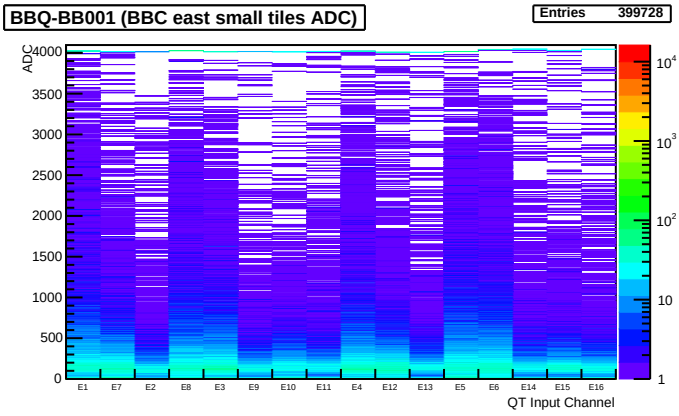

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 49966
TAC sum
1st-Best
2nd-Best
ID

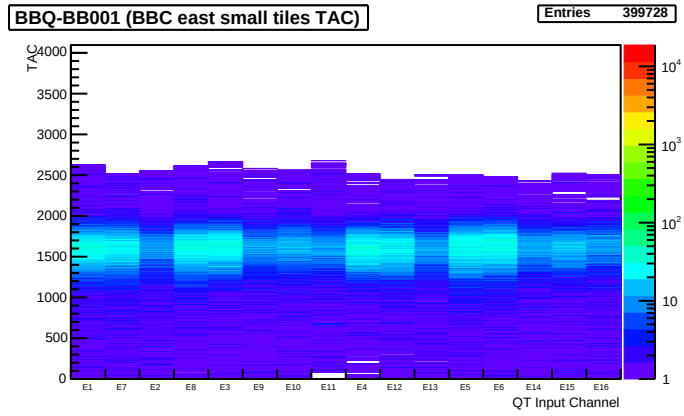

MIX-MT102 Input: VP003 Max TAC
Entries 24983

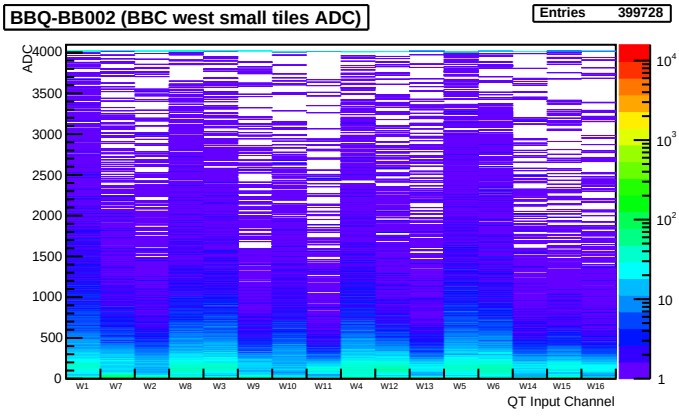

MIX-MT102 Input: VP004 Max TAC
Entries 24983

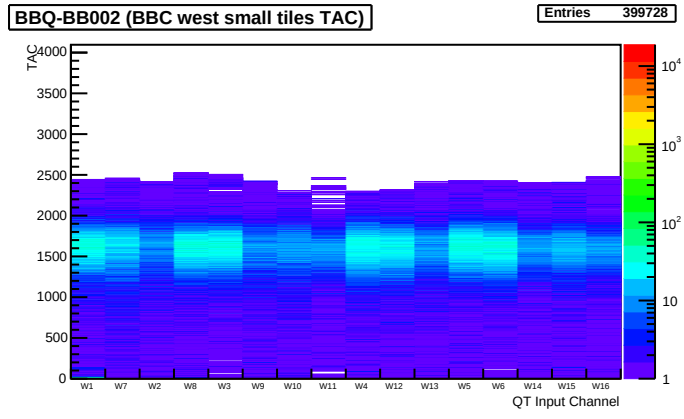

MXQ-PP001
Entries 399728
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

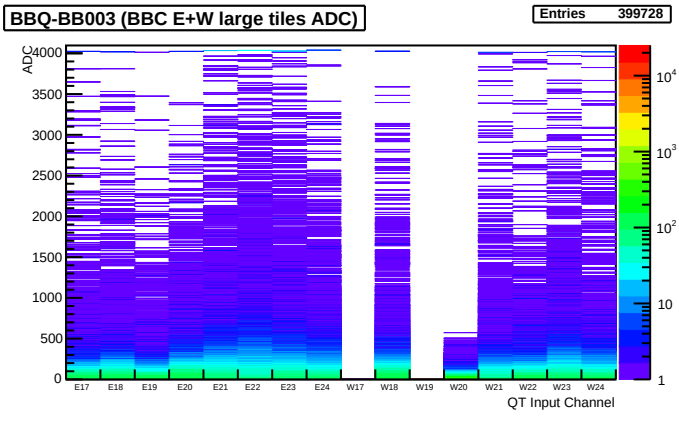

MXQ-PP001
Entries 399728
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

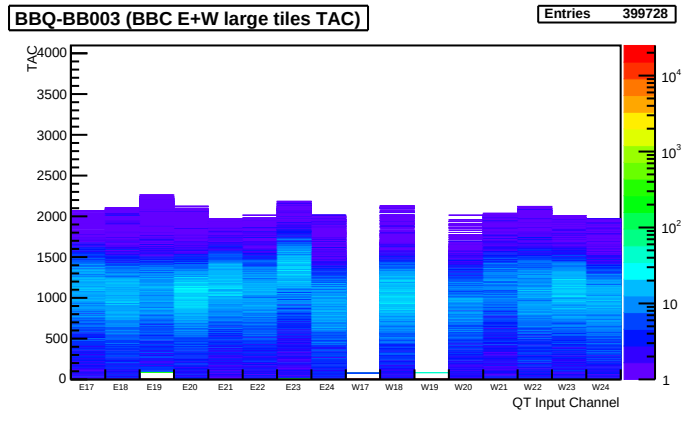

BBQ-BB001 (BBC east small tiles ADC)
Entries 399728
ADC
QT Input Channel

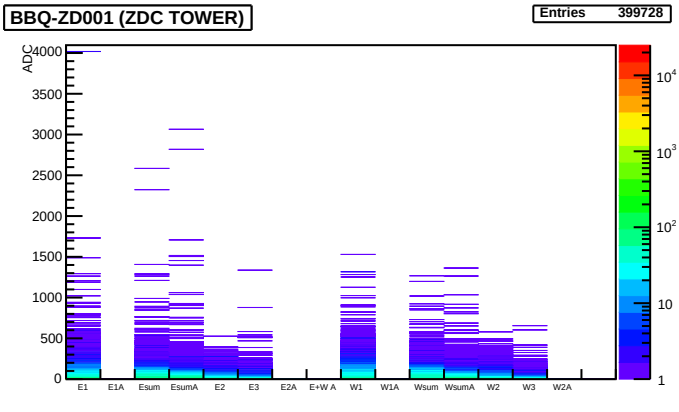

BBQ-BB001 (BBC east small tiles TAC)
Entries 399728
TAC
QT Input Channel

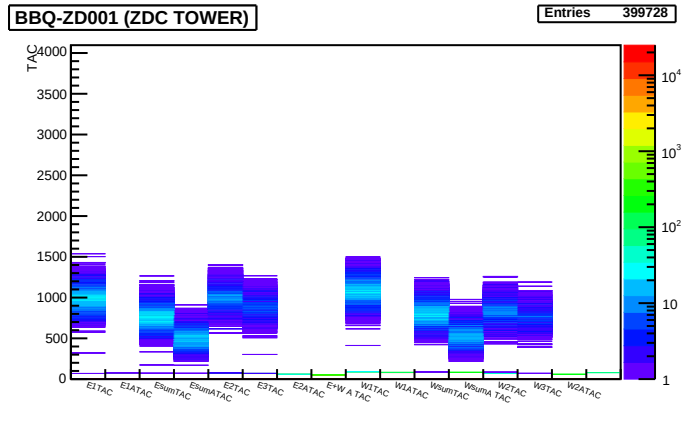

BBQ-BB002 (BBC west small tiles ADC)
Entries 399728
ADC
QT Input Channel

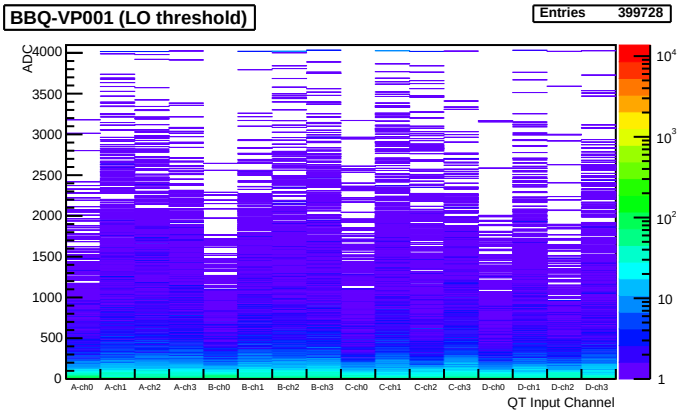

BBQ-BB002 (BBC west small tiles TAC)
Entries 399728
TAC
QT Input Channel

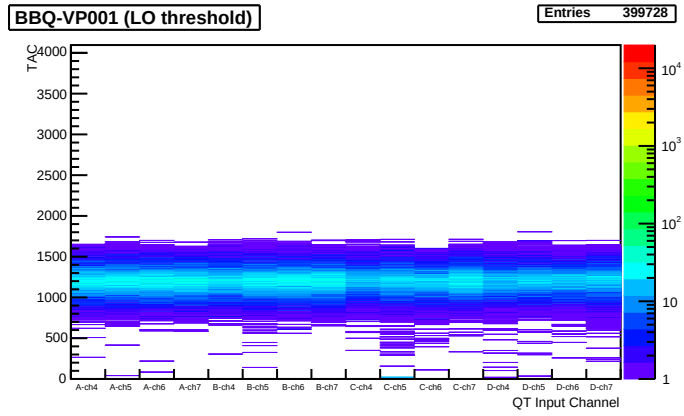

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 399728
ADC
QT Input Channel

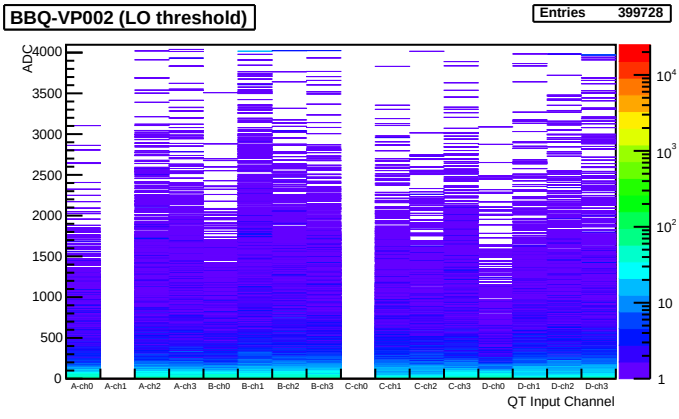

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 399728
TAC
QT Input Channel

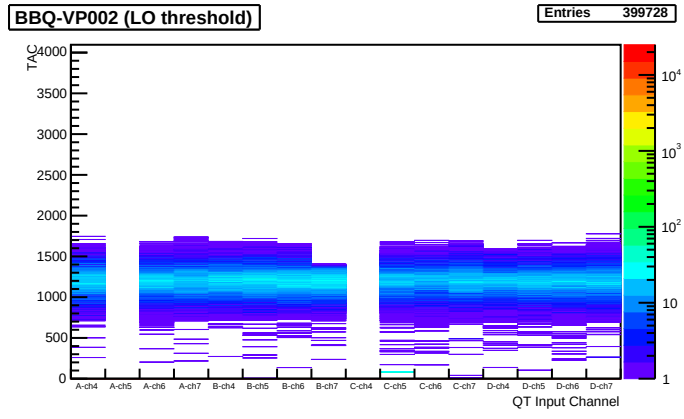

BBQ-ZD001 (ZDC TOWER)
Entries 399728
ADC

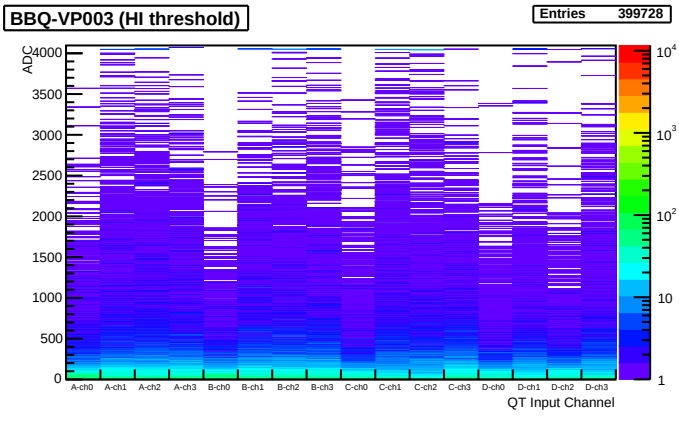

BBQ-ZD001 (ZDC TOWER)
Entries 399728
TAC

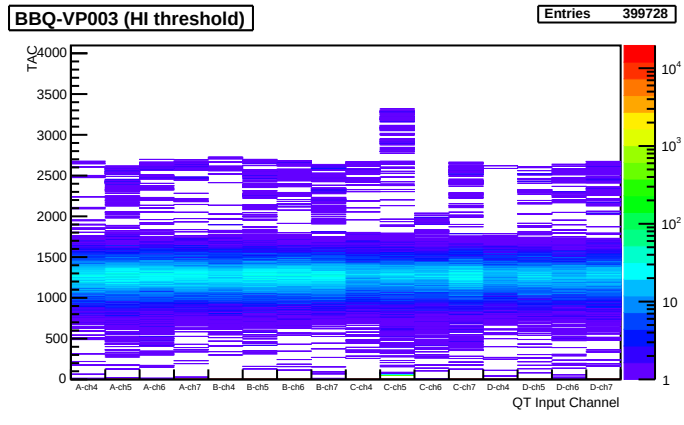

BBQ-VP001 (LO threshold)
Entries 399728
ADC
QT Input Channel

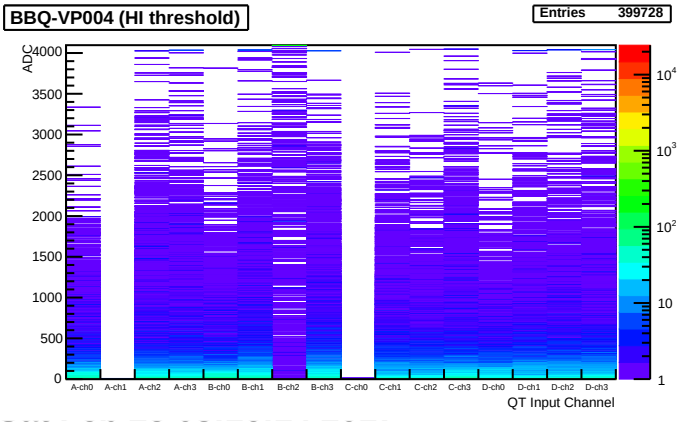

BBQ-VP001 (LO threshold)
Entries 399728
TAC
QT Input Channel

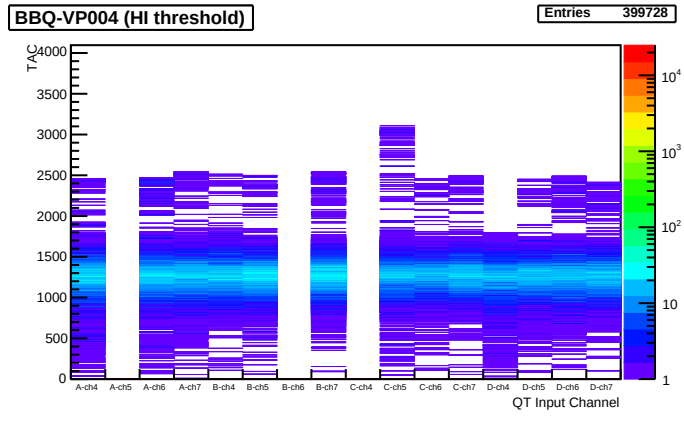

BBQ-VP002 (LO threshold)
Entries 399728
ADC
QT Input Channel

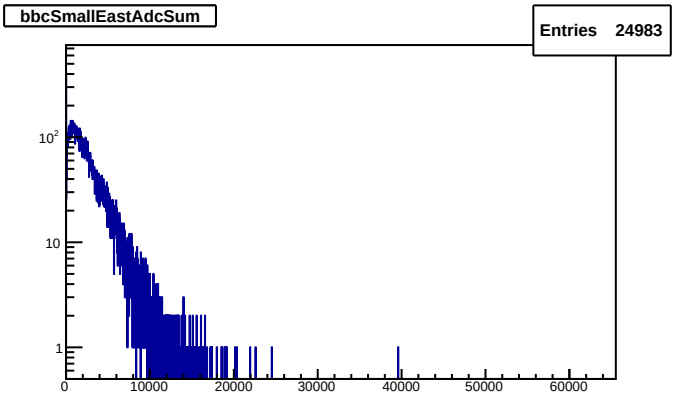

BBQ-VP002 (LO threshold)
Entries 399728
TAC
QT Input Channel

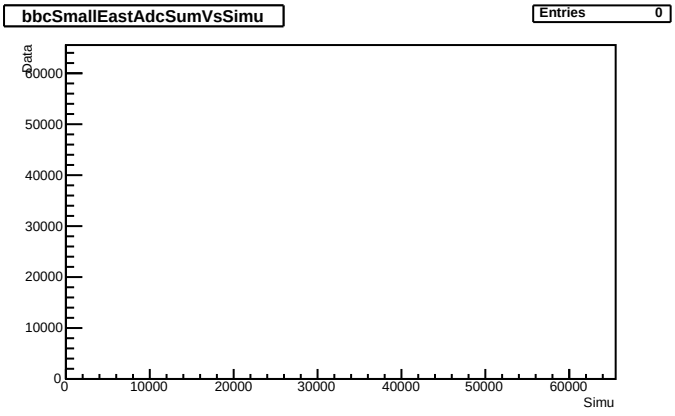

BBQ-VP003 (HI threshold)
Entries 399728
ADC
QT Input Channel

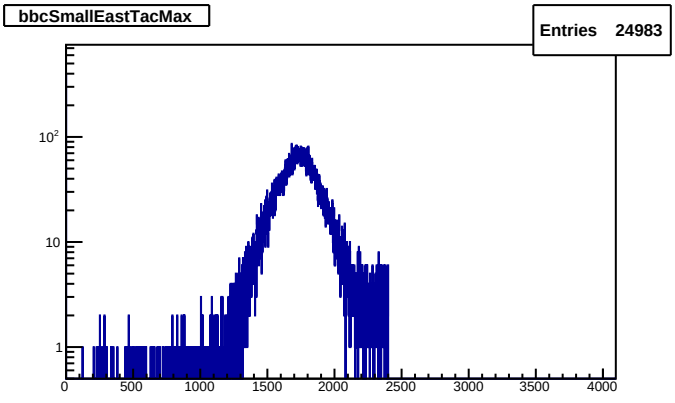

BBQ-VP003 (HI threshold)
Entries 399728
TAC
QT Input Channel

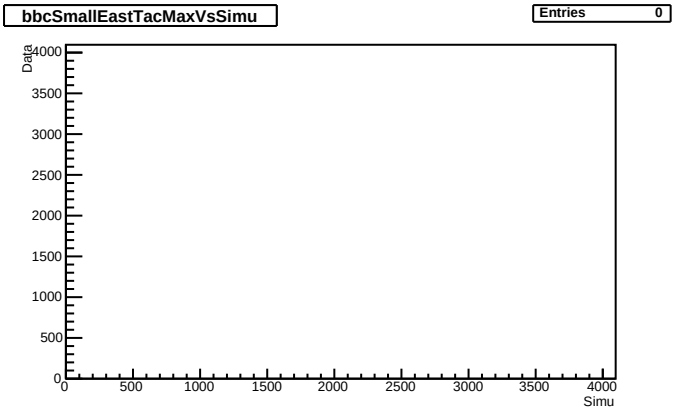

BBQ-VP004 (HI threshold)
Entries 399728
ADC
QT Input Channel

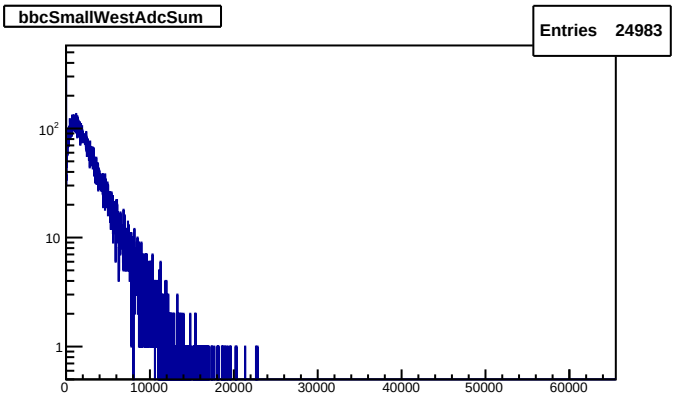

BBQ-VP004 (HI threshold)
Entries 399728
TAC
QT Input Channel

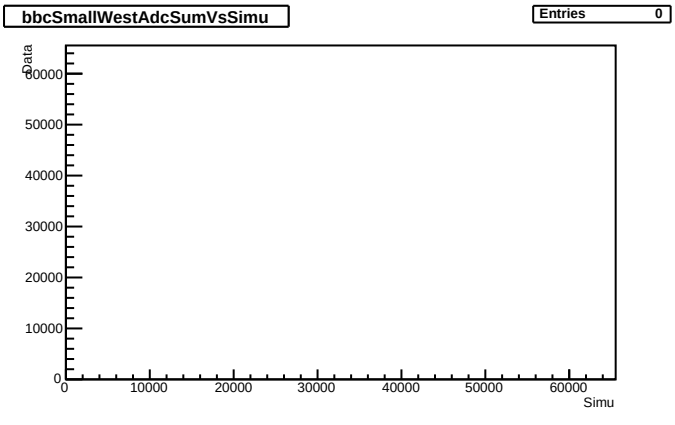

bbcSmallEastAdcSum
Entries 24983

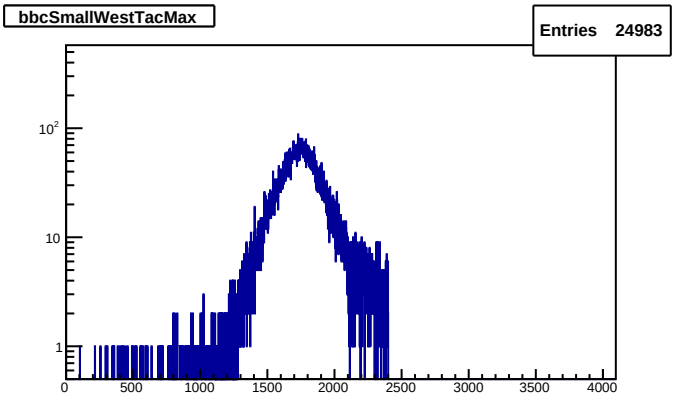

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

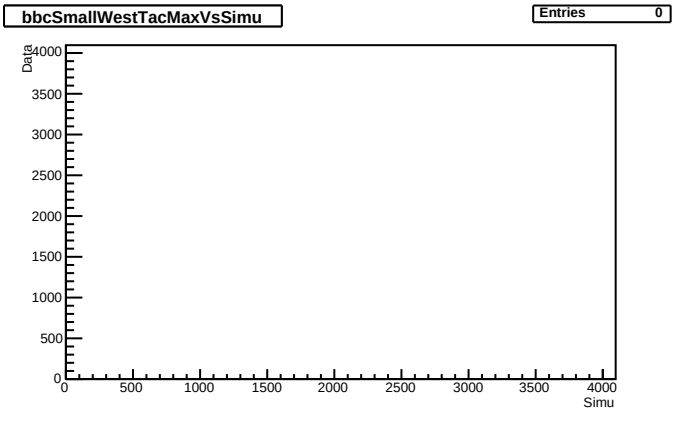

bbcSmallEastTacMax
Entries 24983

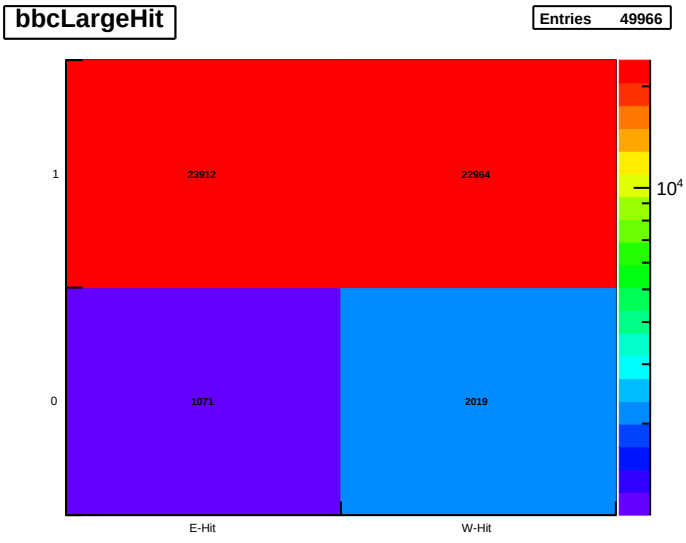

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

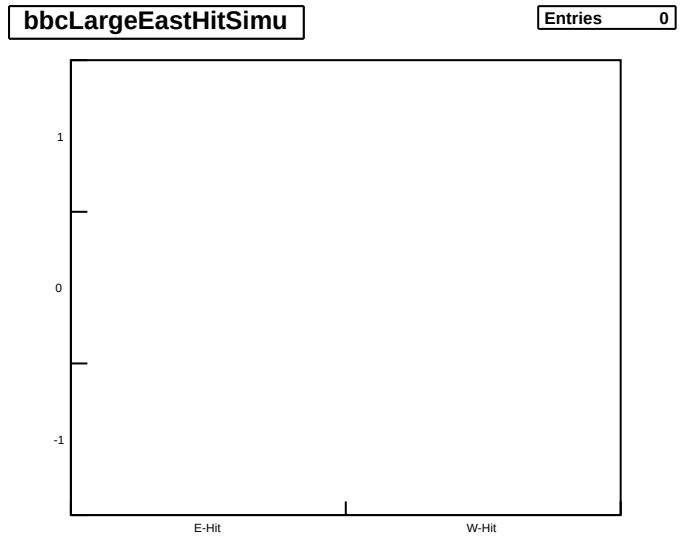

bbcSmallWestAdcSum
Entries 24983

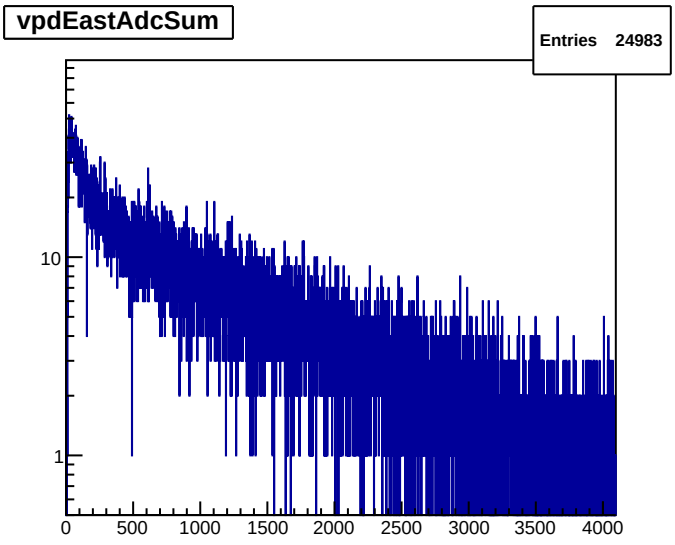

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

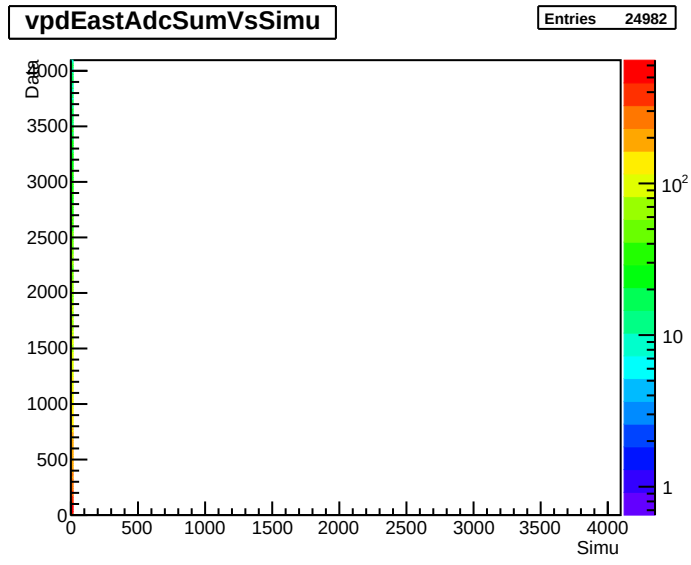

bbcSmallWestTacMax
Entries 24983

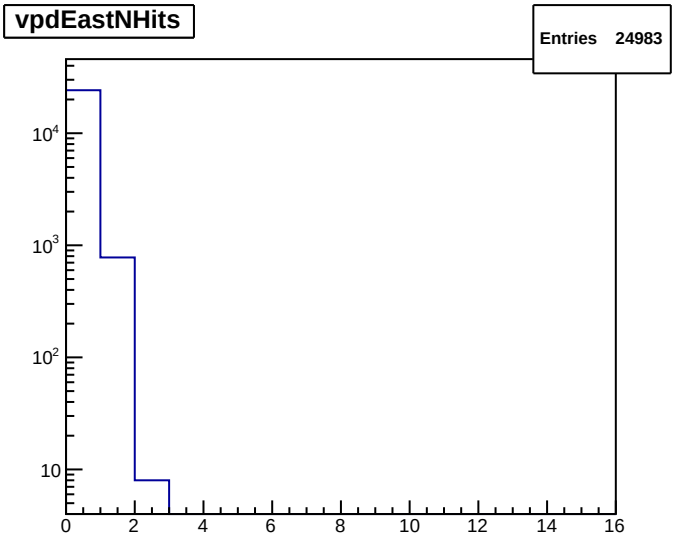

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

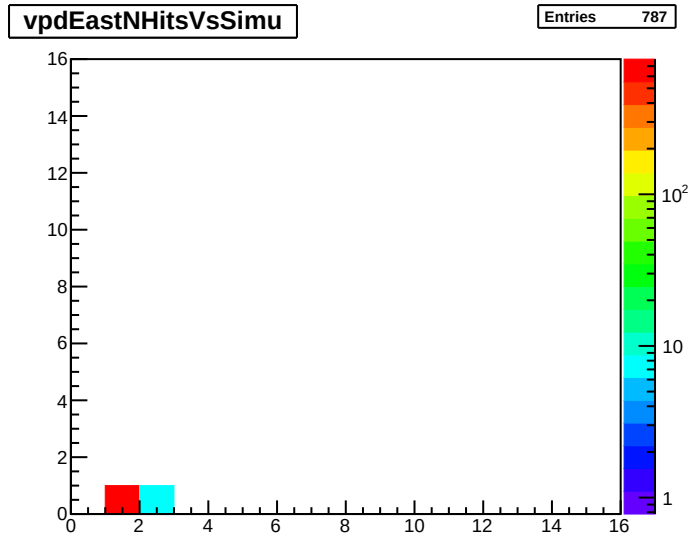

bbcLargeHit
Entries 49966
1
0
23912
22964
1071
2019
E-Hit
W-Hit
10^4

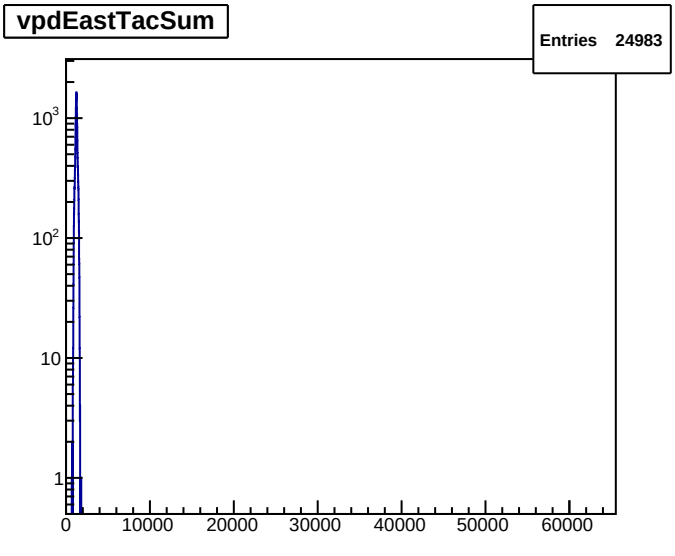

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

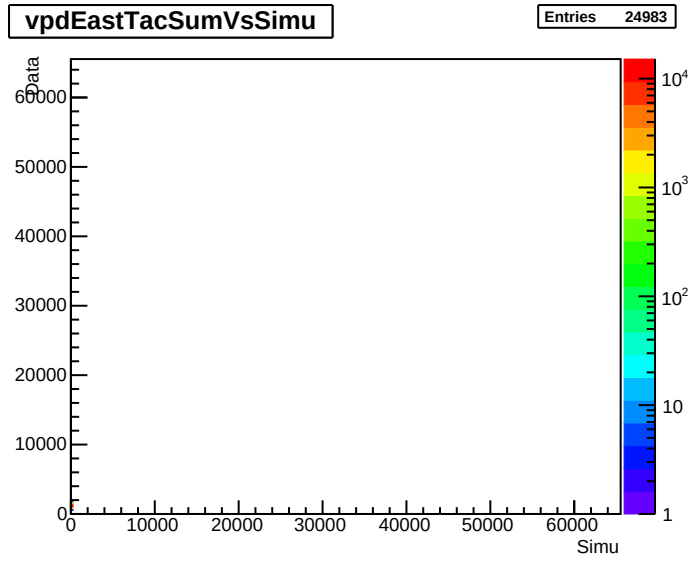

vpdEastAdcSum
Entries 24983

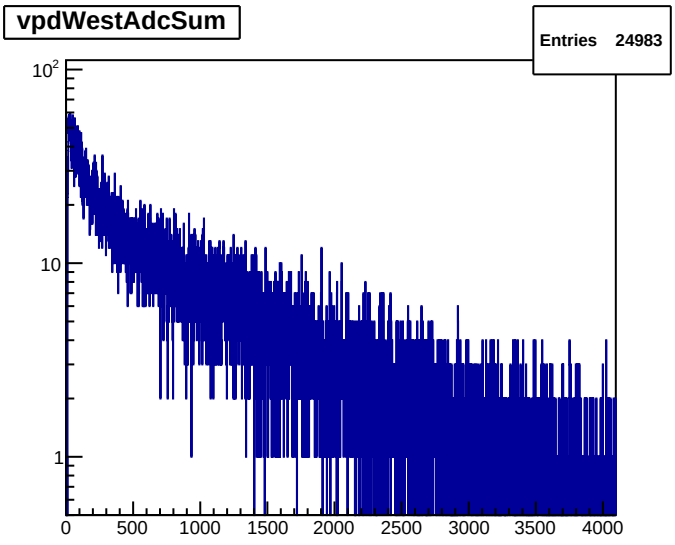

vpdEastAdcSumVsSimu
Entries 24982
Data
Simu

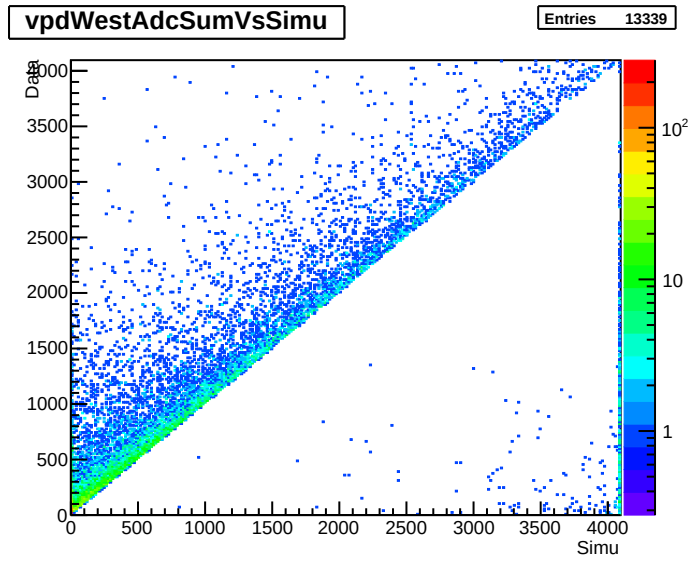

vpdEastNHits
Entries 24983

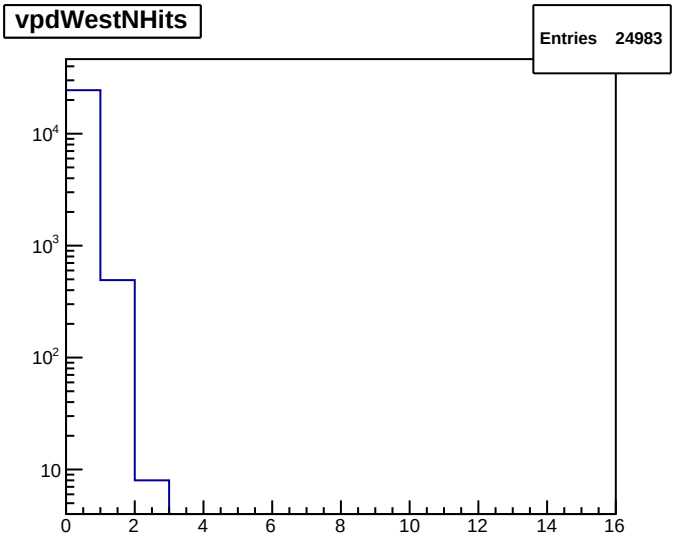

vpdEastNHitsVsSimu
Entries 787

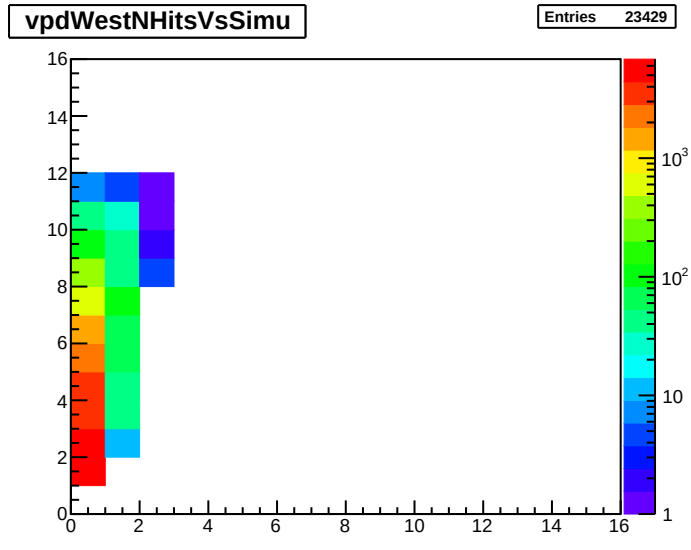

vpdEastTacSum
Entries 24983

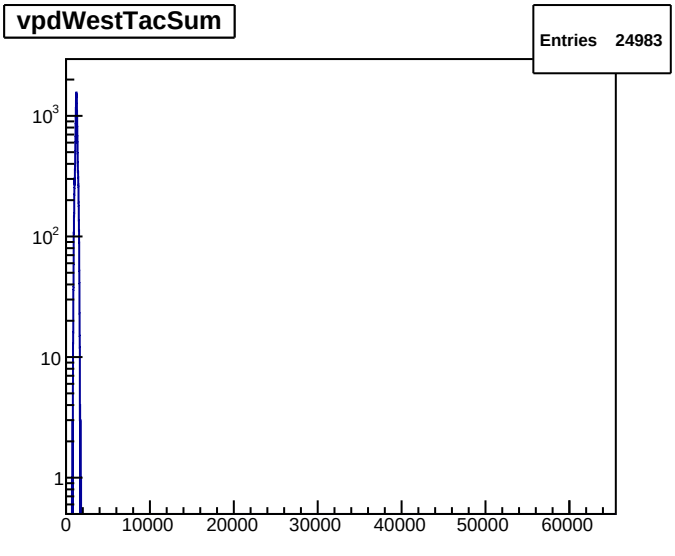

vpdEastTacSumVsSimu
Entries 24983
Data
Simu

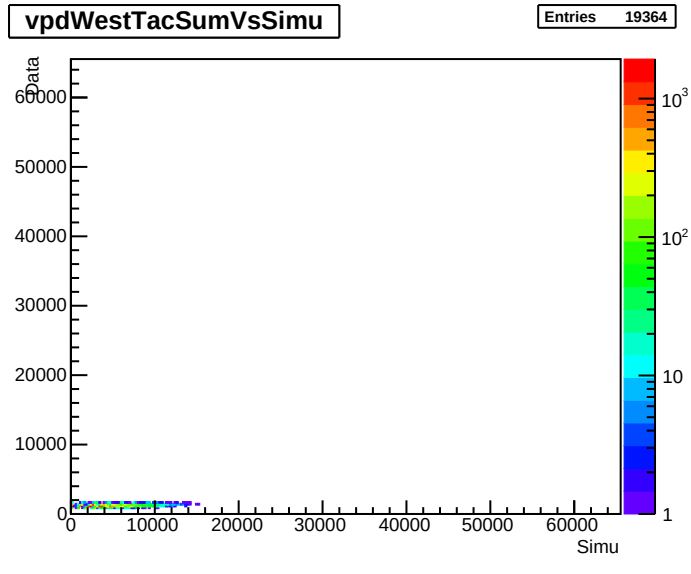

vpdWestAdcSum
Entries 24983

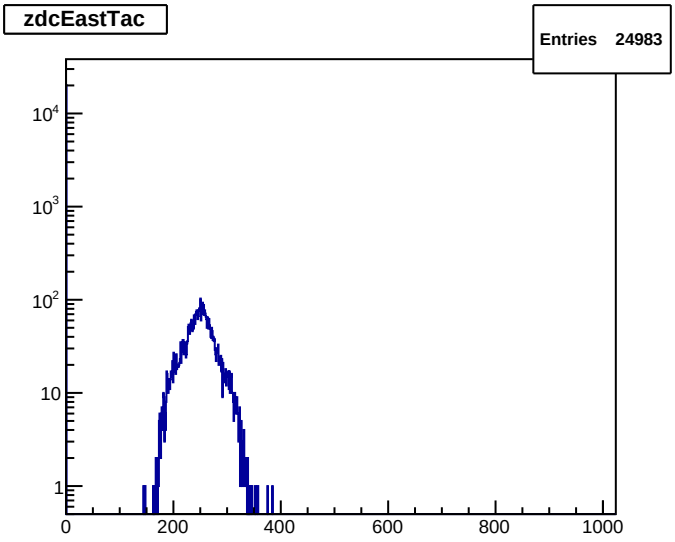

vpdWestAdcSumVsSimu
Entries 13339
Data
Simu

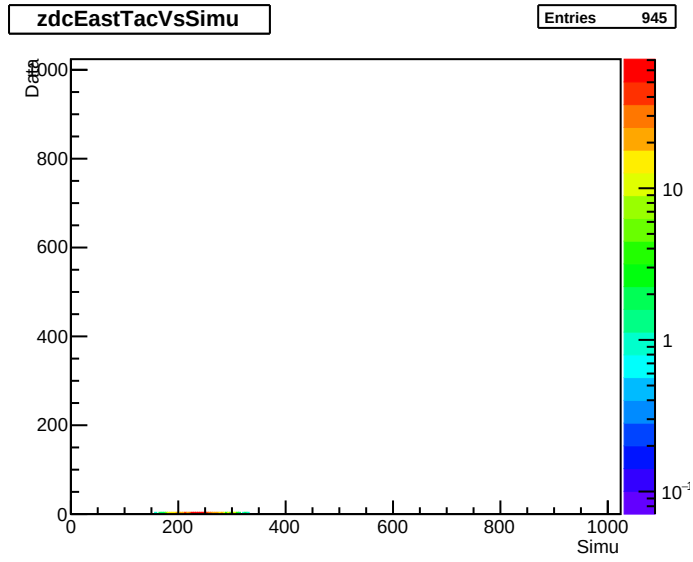

vpdWestNHits
Entries 24983

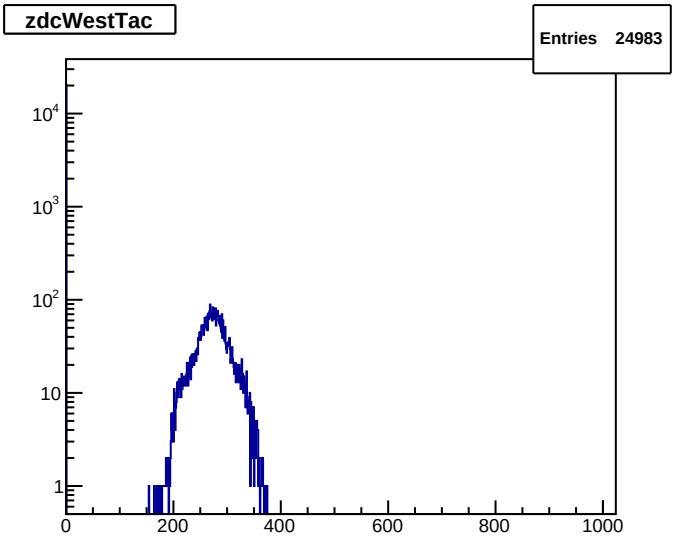

vpdWestNHitsVsSimu
Entries 23429

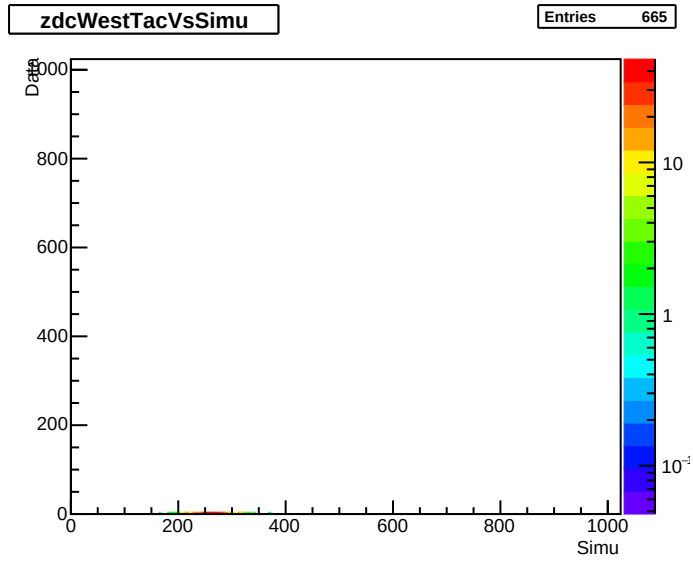

vpdWestTacSum
Entries 24983

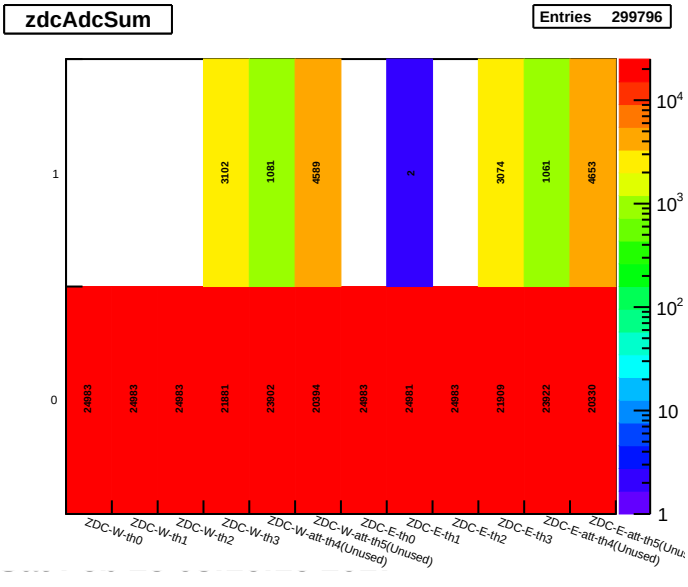

vpdWestTacSumVsSimu
Entries 19364
Data
Simu

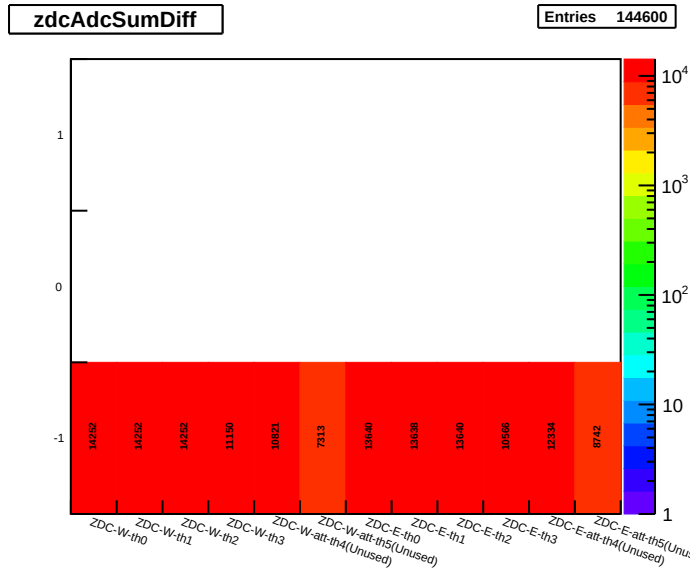

zdcEastTac
Entries 24983

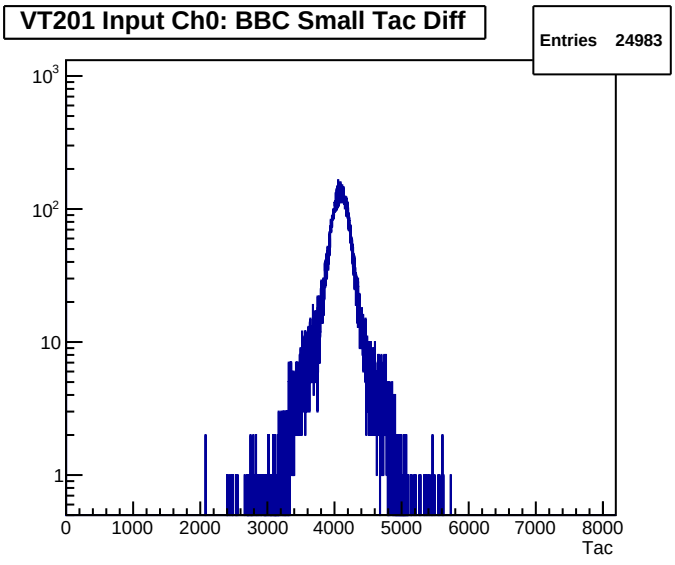

zdcEastTacVsSimu
Entries 945
Data
Simu

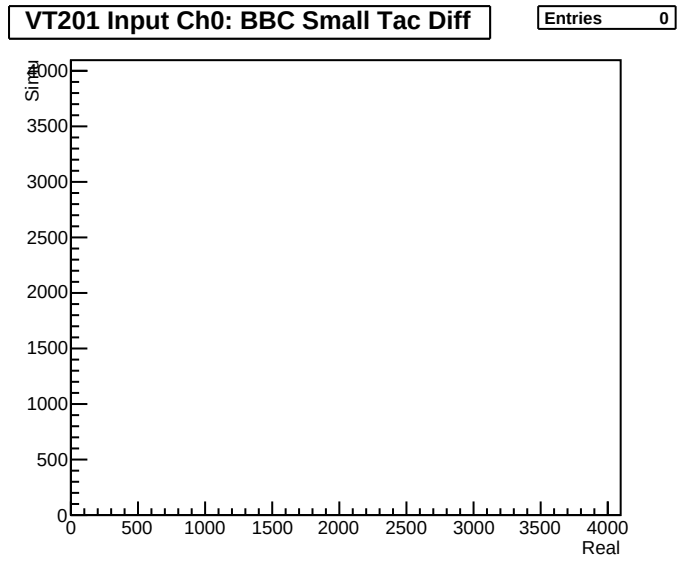

zdcWestTac
Entries 24983

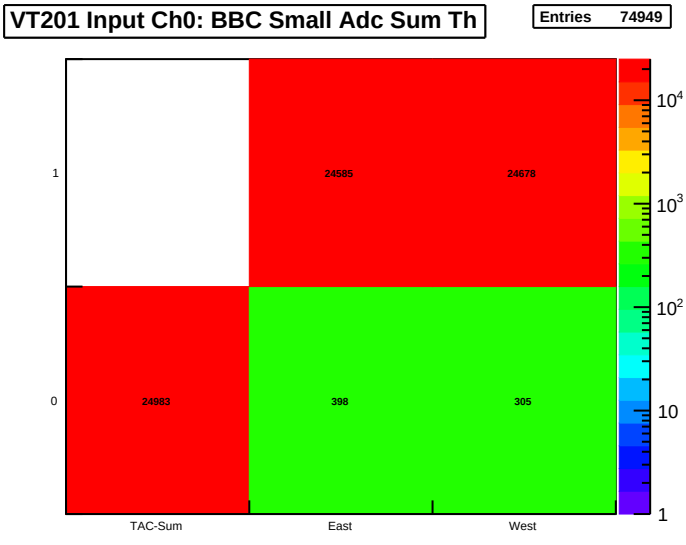

zdcWestTacVsSimu
Entries 665
Data
Simu

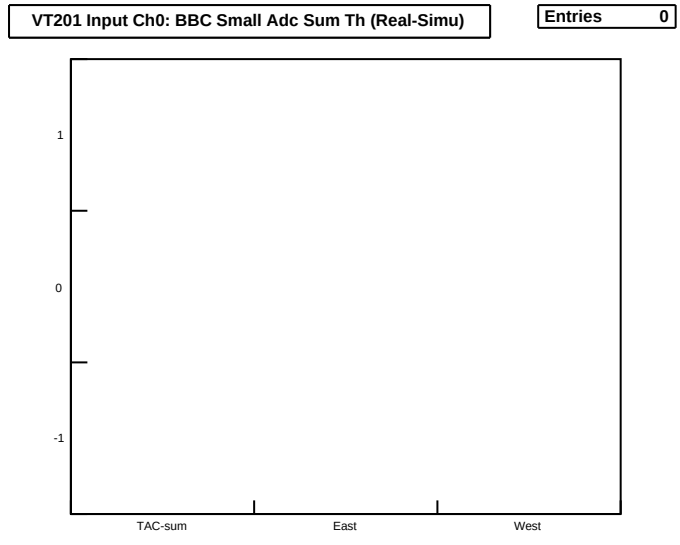

zdcAdcSum
Entries 299796
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

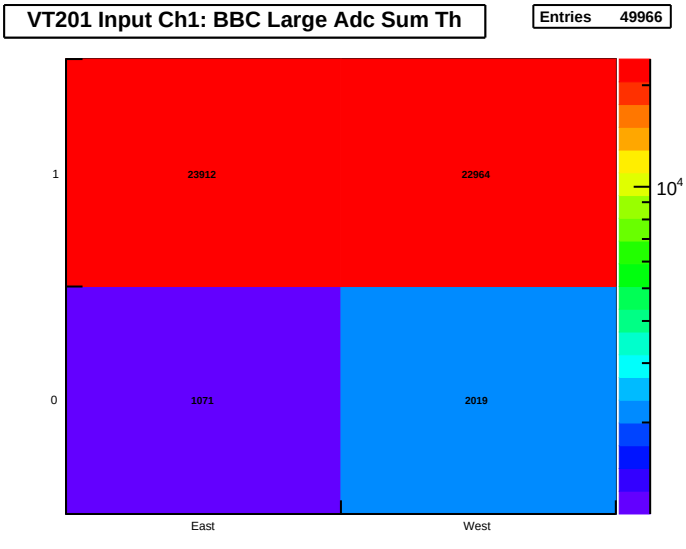

zdcAdcSumDiff
Entries 144600
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

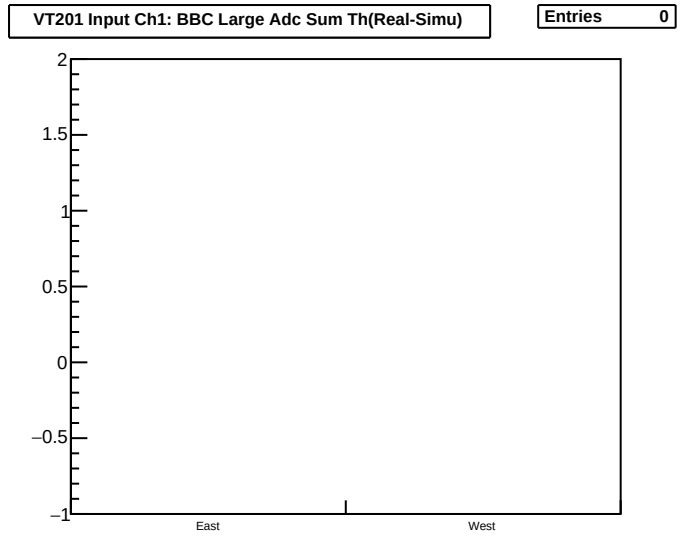

VT201 Input Ch0: BBC Small Tac Diff
Entries 24983
Tac


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

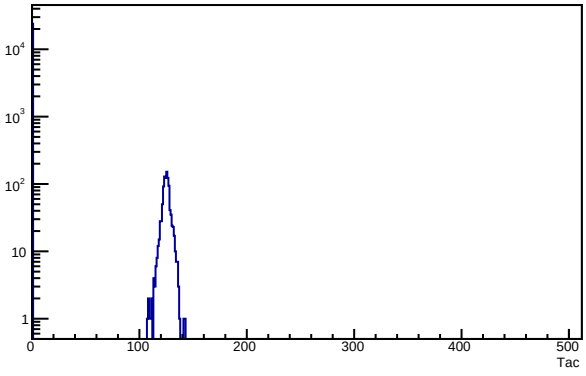

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 74949
24585
24678
24983
398
305
TAC-Sum
East
West


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

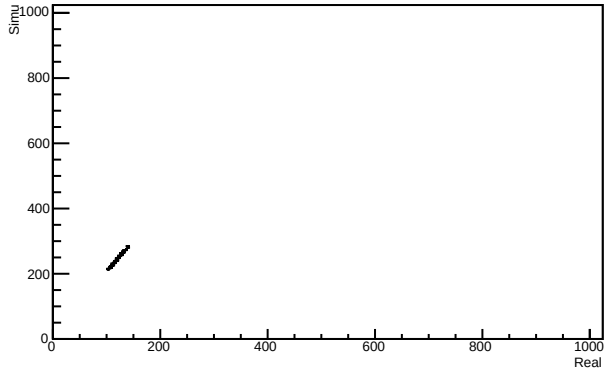

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 49966
23912
22964
1071
2019
East
West


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

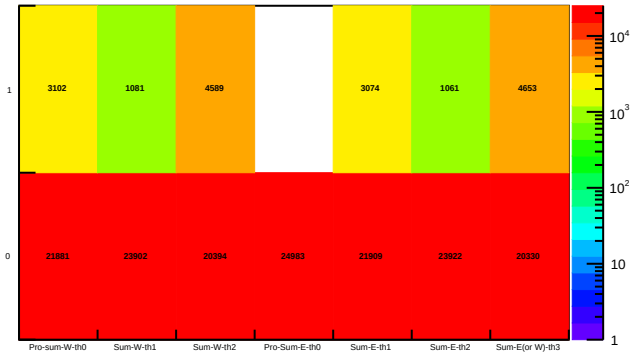
VT201 Input Ch2: ZDC Tac Diff



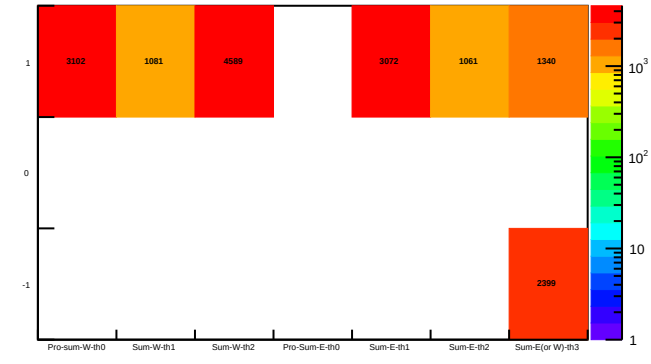
VT201 Input Ch2: ZDC Tac Diff



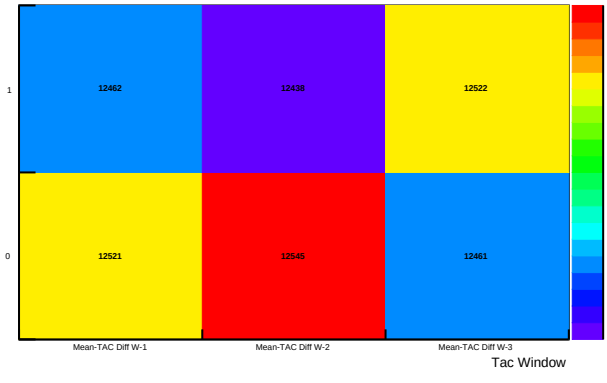
VT201 Input Ch2: ZDC Adc Sum Th



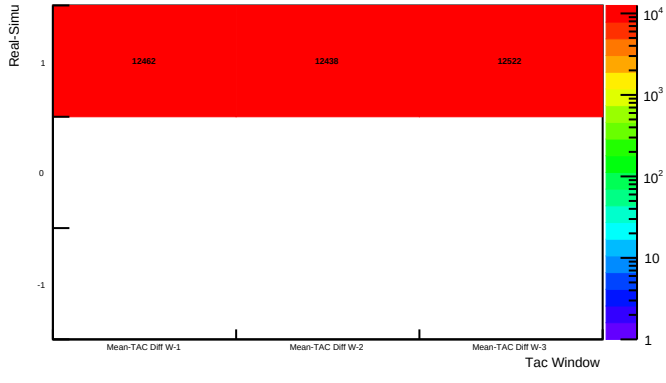
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



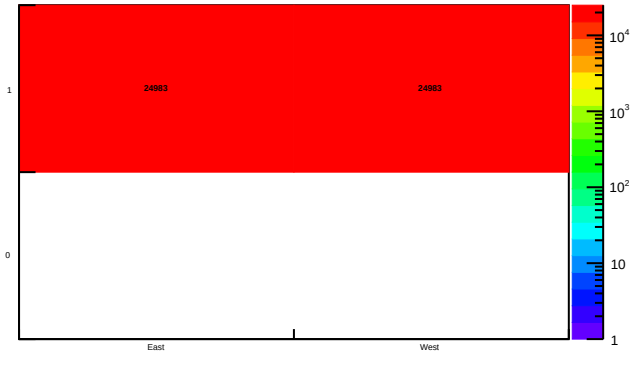
VT201 Input Ch4: VPD Tac Diff



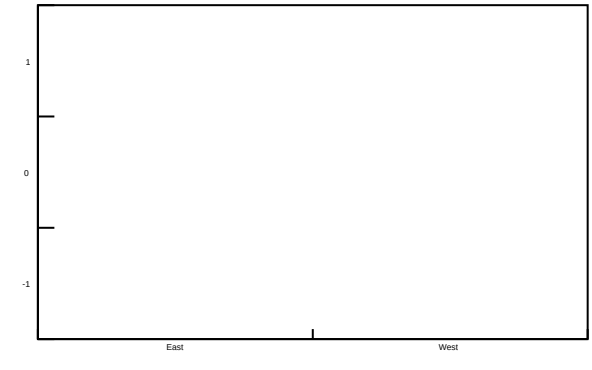
VT201 Input Ch4: VPD Tac Diff

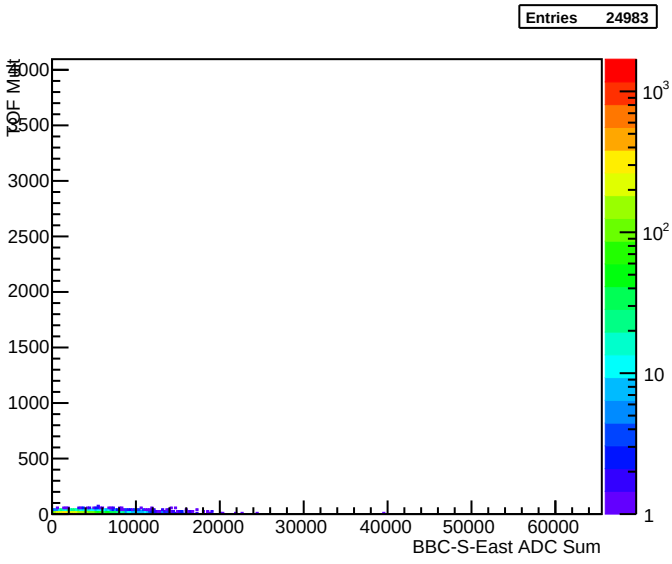


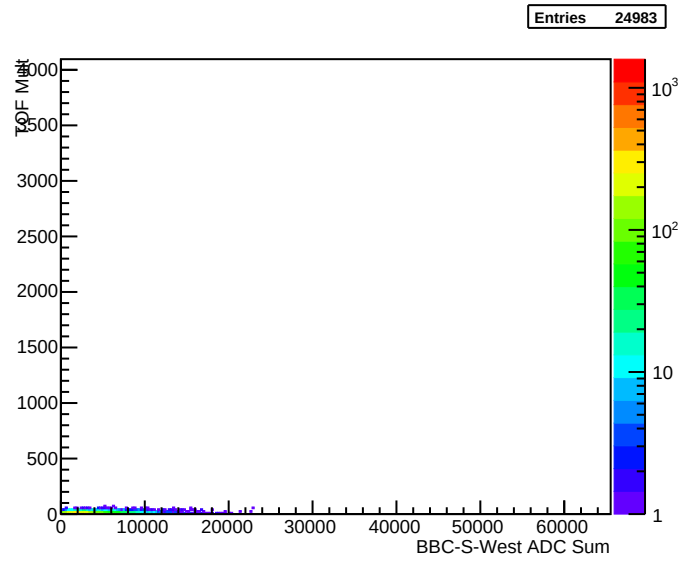
VT201 Input Ch4: VPD Adc Sum Th

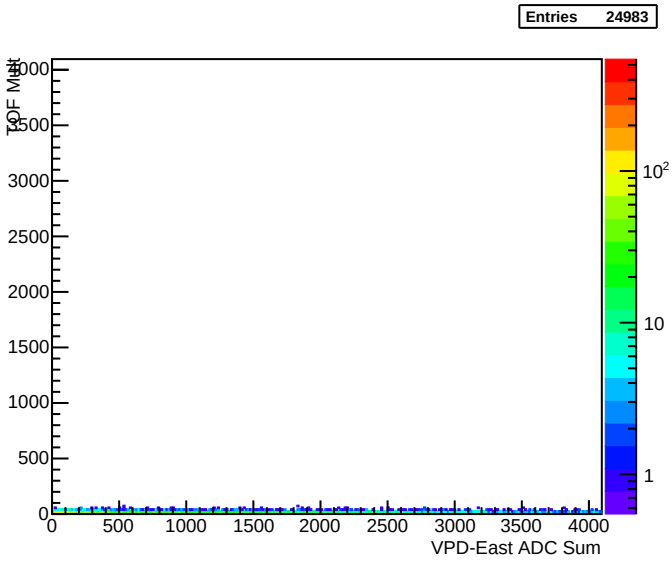


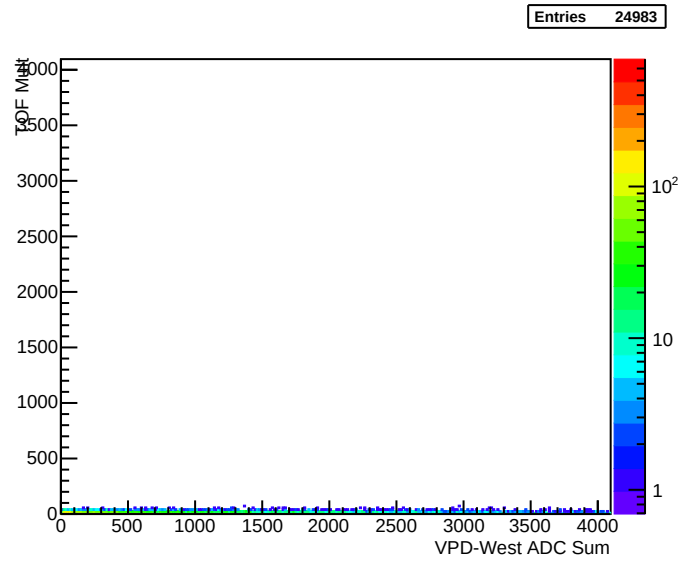
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

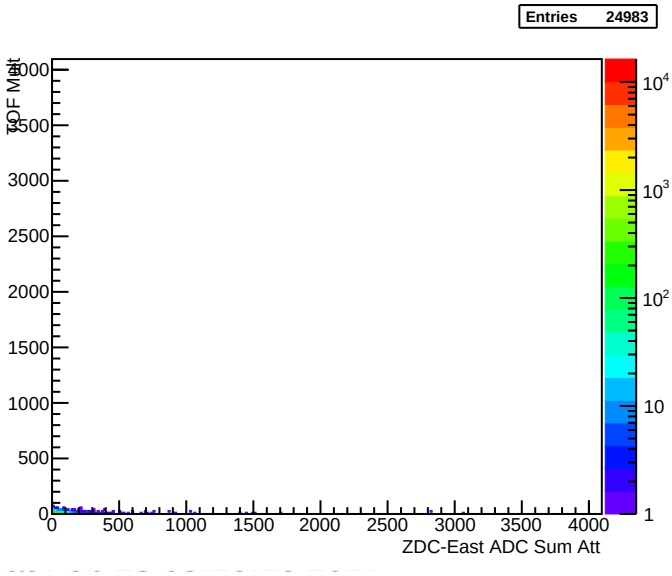


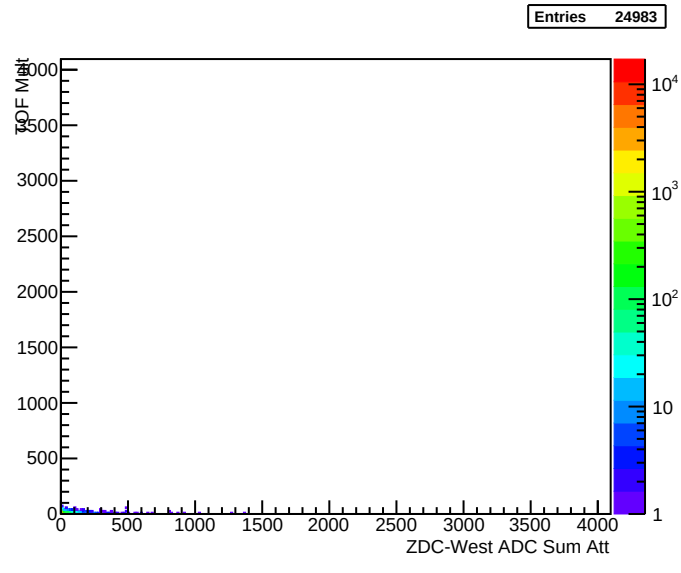

Entries 24983
TOF Mult
BBC-S-East ADC Sum

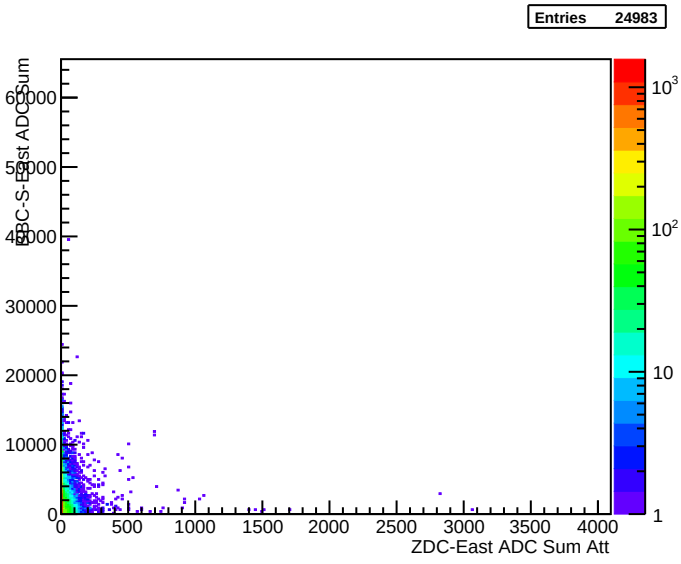

Entries 24983
TOF Mult
BBC-S-West ADC Sum

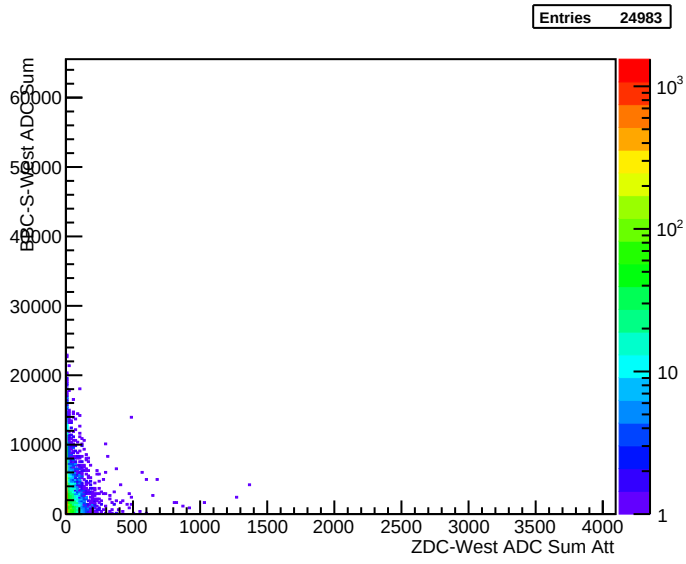

Entries 24983
TOF Mult
VPD-East ADC Sum

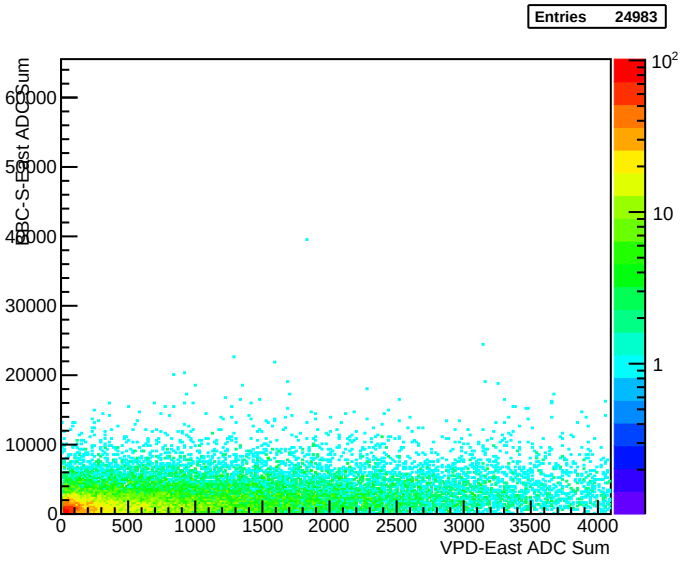

Entries 24983
TOF Mult
VPD-West ADC Sum

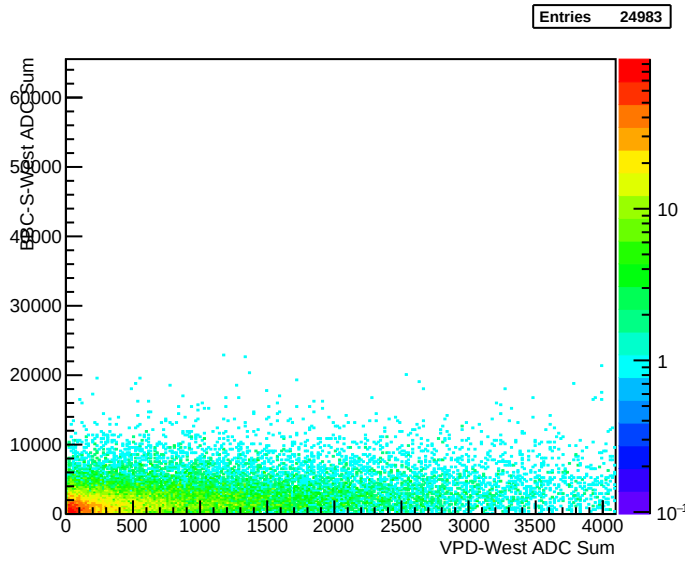

Entries 24983
TOF Mult
ZDC-East ADC Sum Att

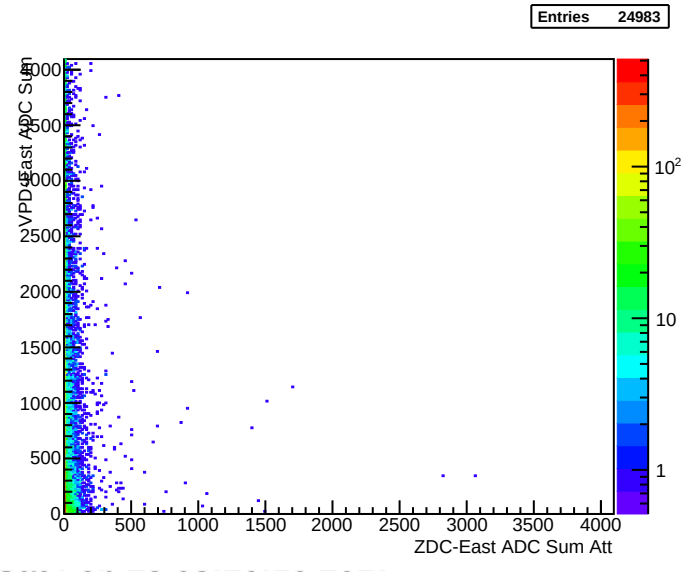

Entries 24983
TOF Mult
ZDC-West ADC Sum Att

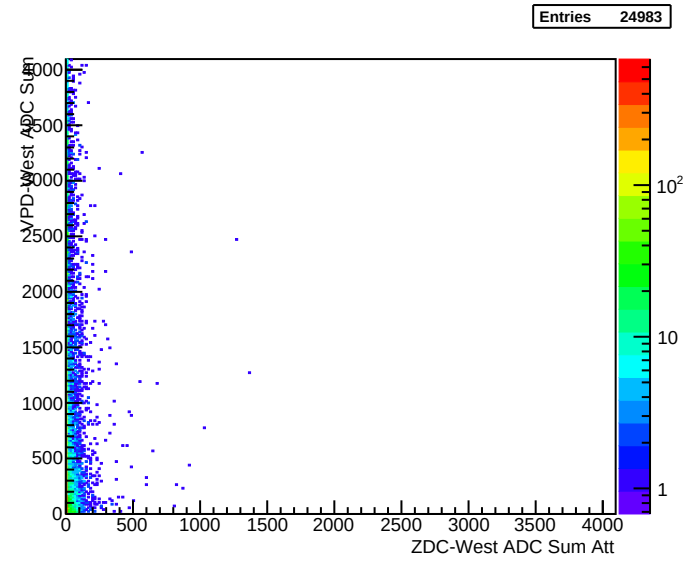

Entries 24983
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

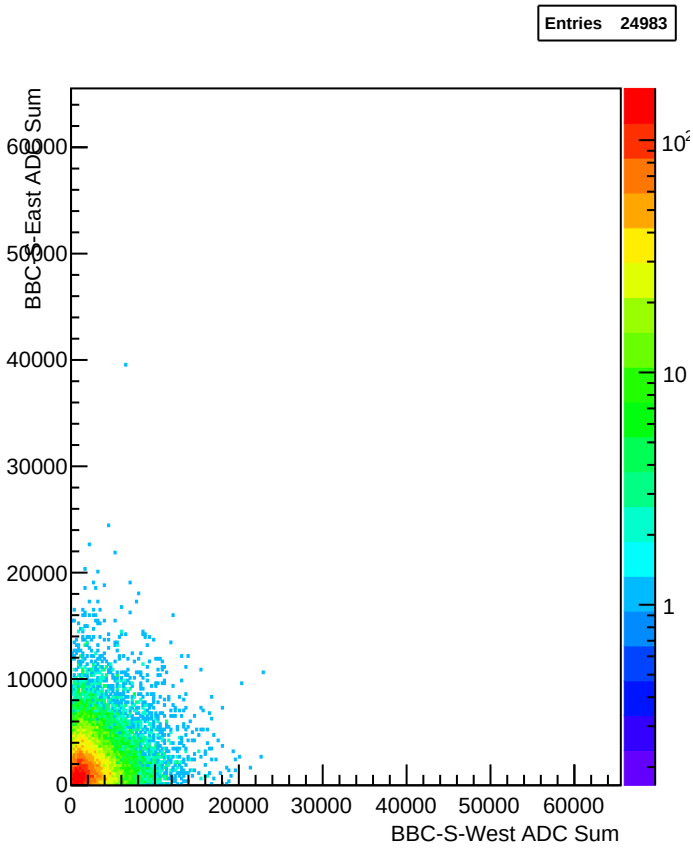

Entries 24983
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

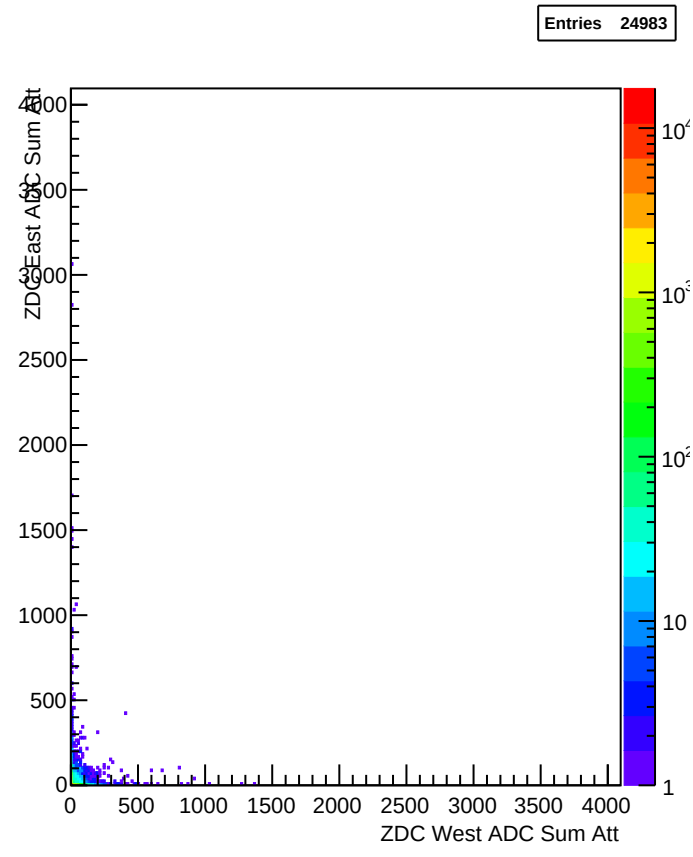

Entries 24983
BBC-S-East ADC Sum
VPD-East ADC Sum

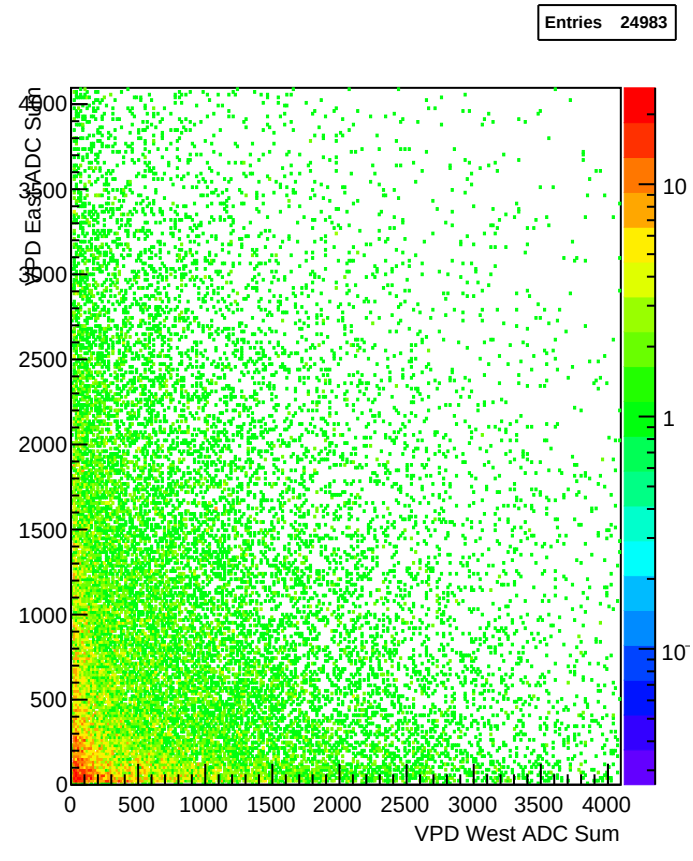

Entries 24983
BBC-S-West ADC Sum
VPD-West ADC Sum

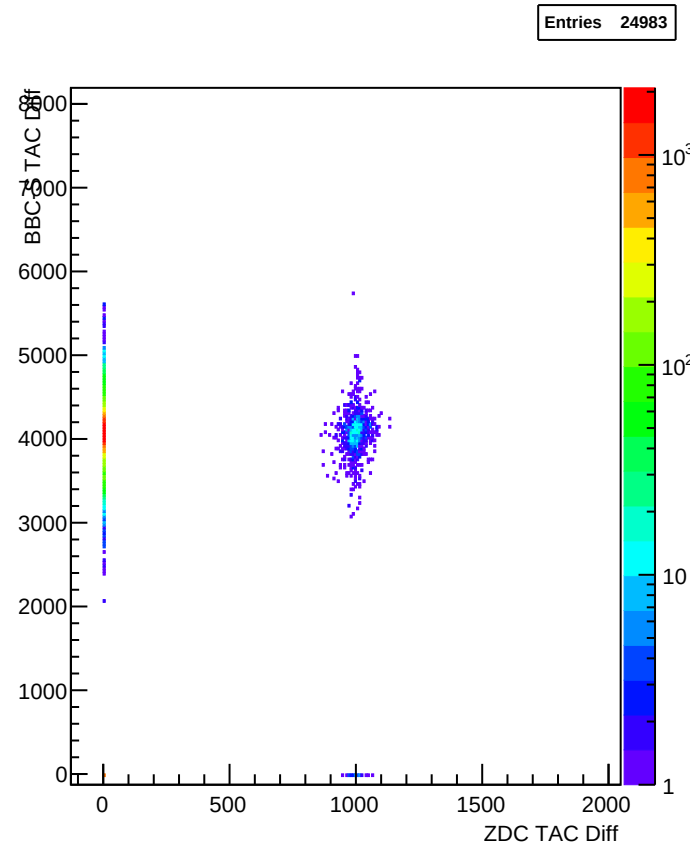

Entries 24983
VPD-East ADC Sum
ZDC-East ADC Sum Att

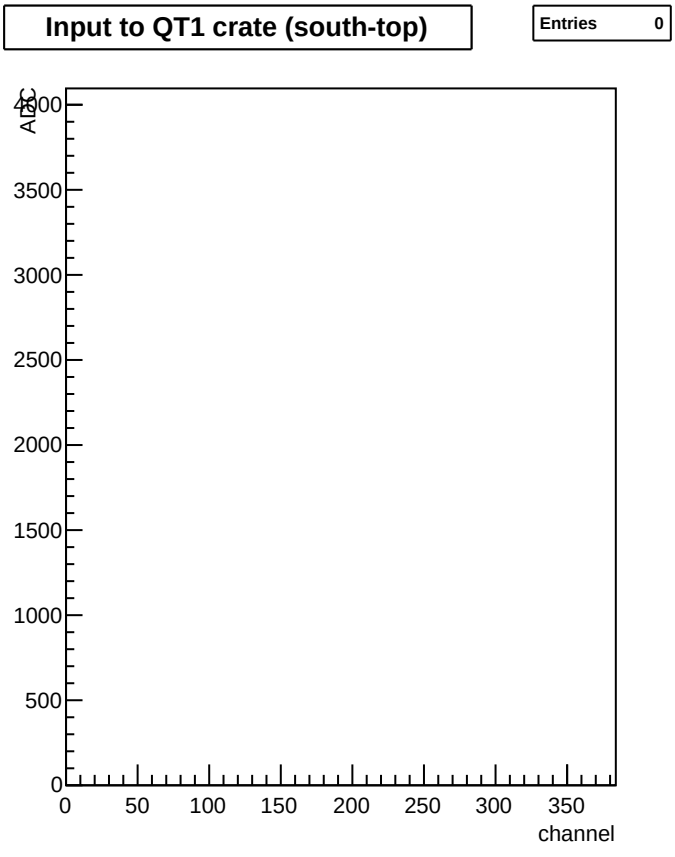

Entries 24983
VPD-West ADC Sum
ZDC-West ADC Sum Att

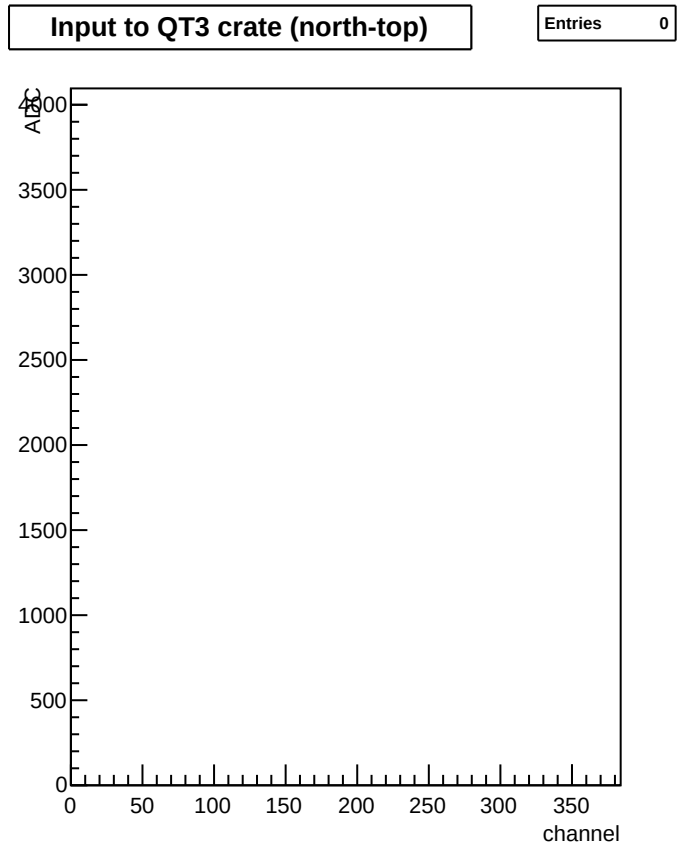

Entries 24983
BBC-S-East ADC Sum
BBC-S-West ADC Sum

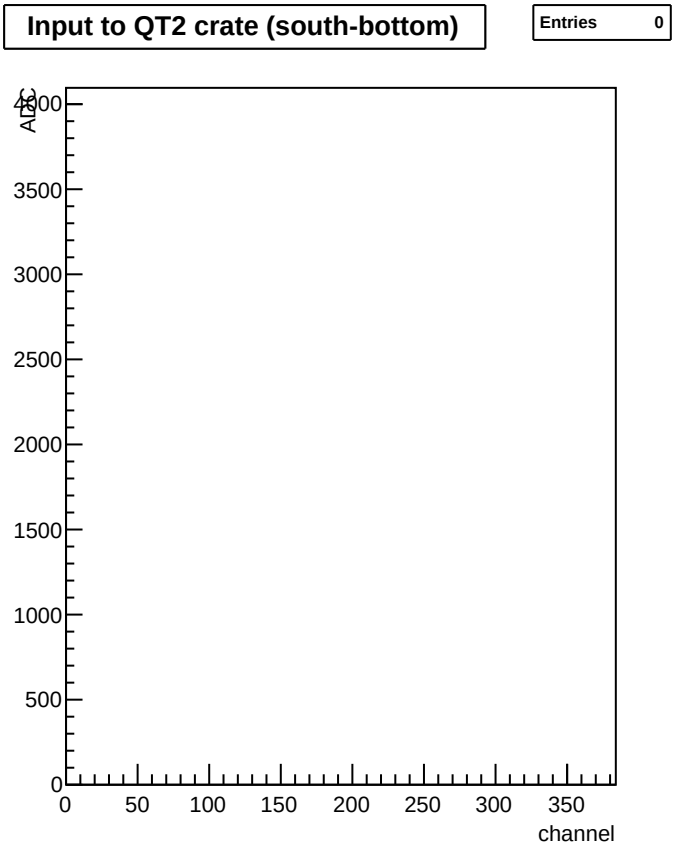

Entries 24983
ZDC East ADC Sum Att
ZDC West ADC Sum Att

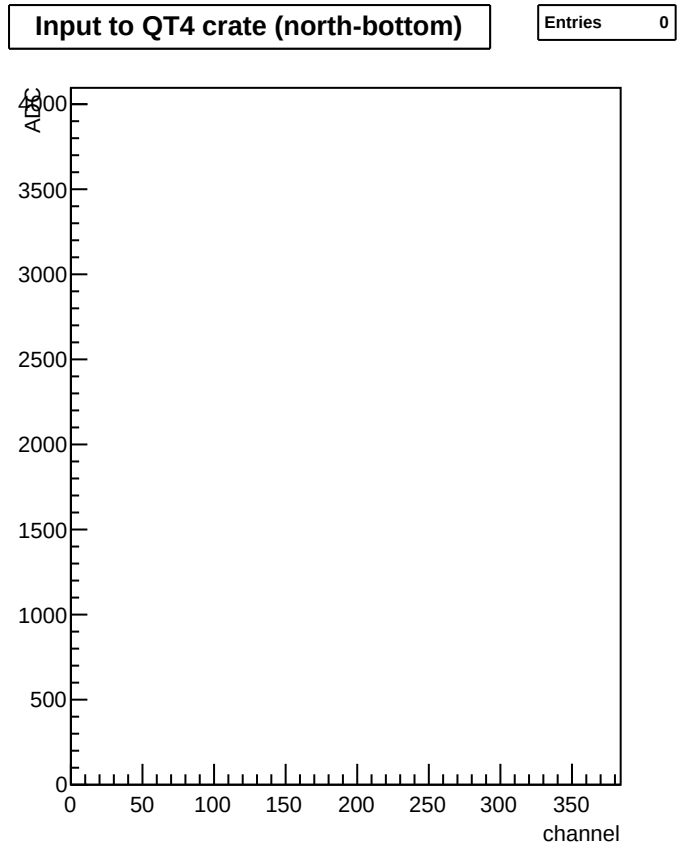

Entries 24983
VPD East ADC Sum
VPD West ADC Sum

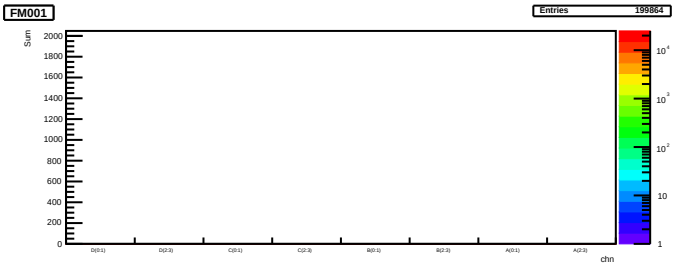

Entries 24983
BBC-S TAC Diff
ZDC TAC Diff

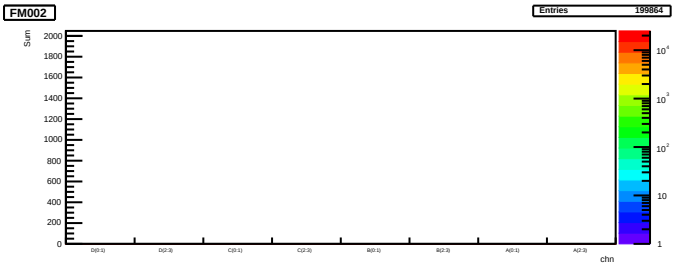

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

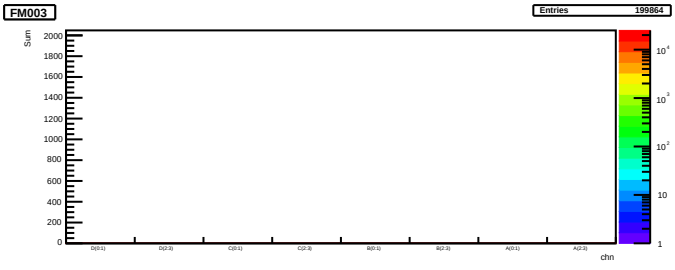

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

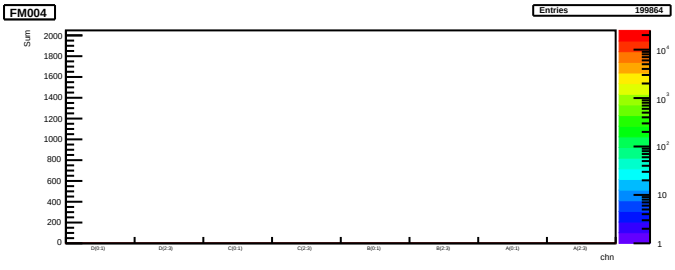

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

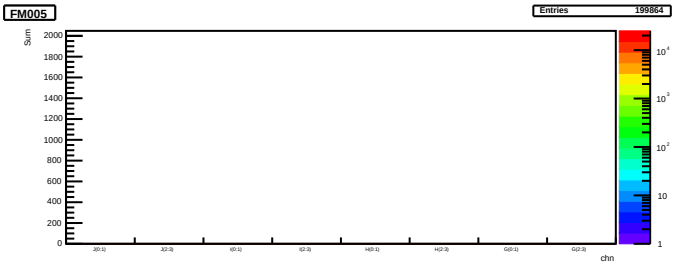

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

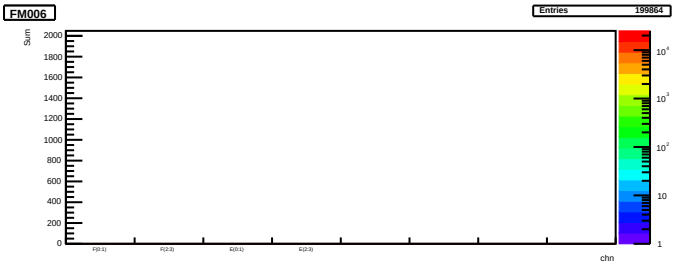

FM001
Entries 199864
Sum
chn

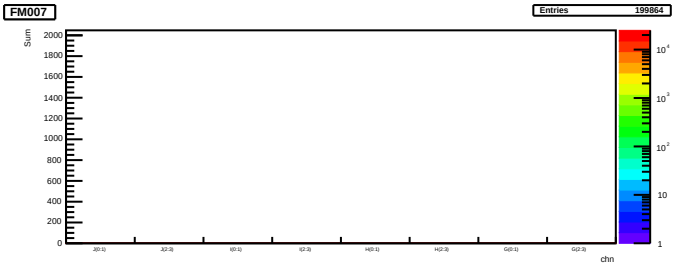

FM002
Entries 199864
Sum
chn

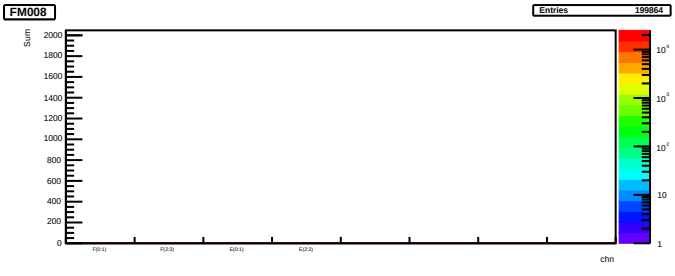

FM003
Entries 199864
Sum
chn

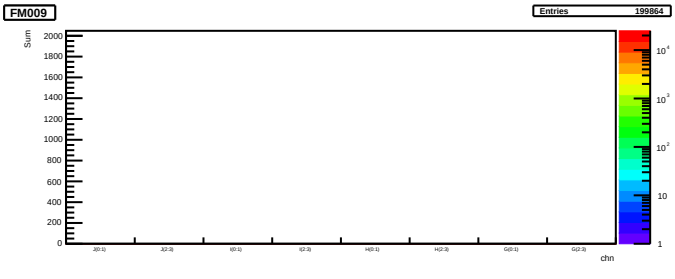

FM004
Entries 199864
Sum
chn

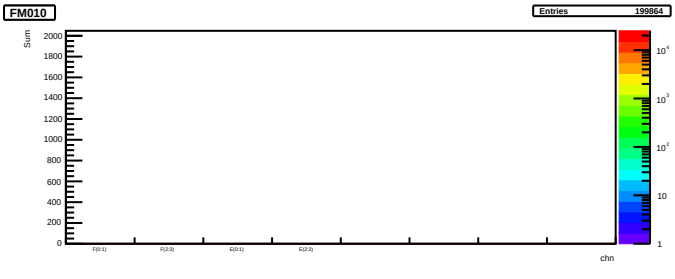

FM005
Entries 199864
Sum
chn

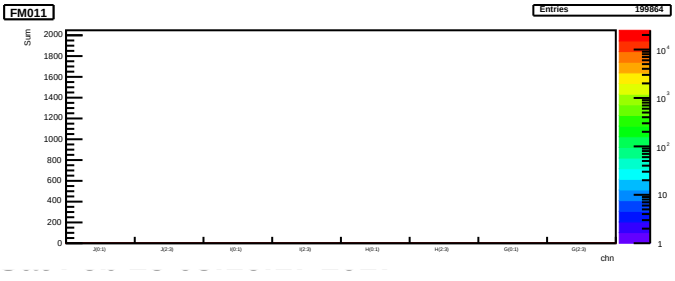

FM006
Entries 199864
Sum
chn

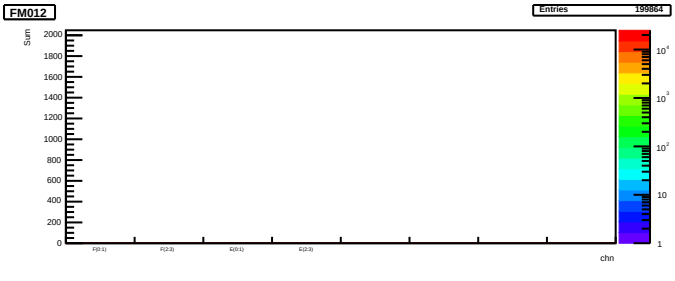

FM007
Entries 199864
Sum
chn

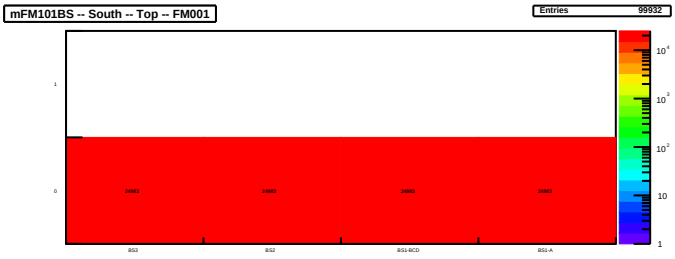

FM008
Entries 199864
Sum
chn

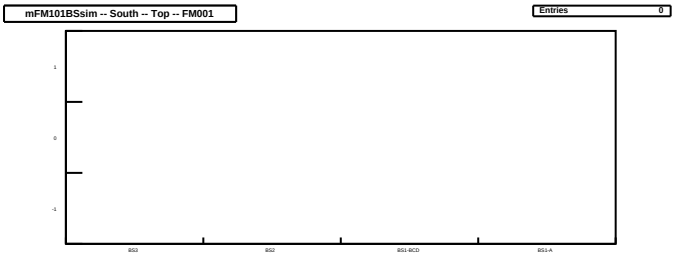

FM009
Entries 199864
Sum
chn

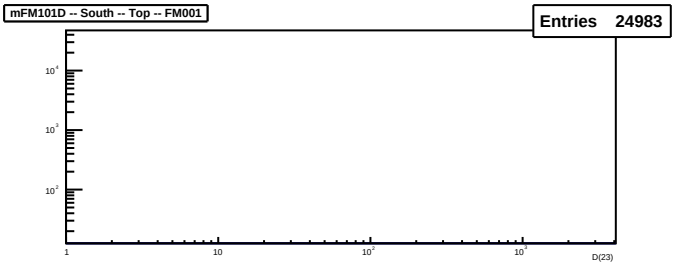

FM010
Entries 199864
Sum
chn

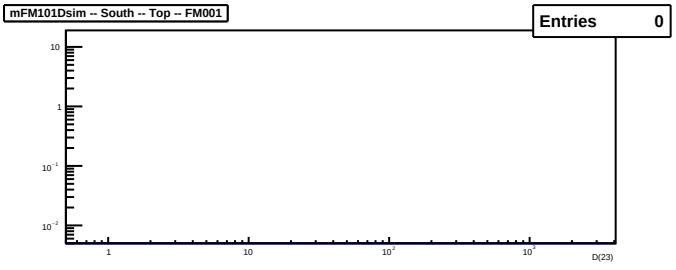

FM011
Entries 199864
Sum
chn


FM012
Entries 199864
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 99932
24983
24983
24983
24983
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Top -- FM001
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Top -- FM001
Entries 24983
D(23)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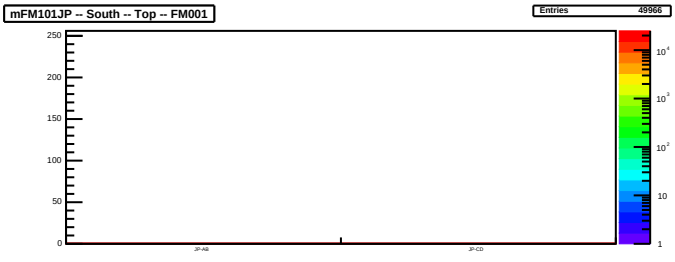
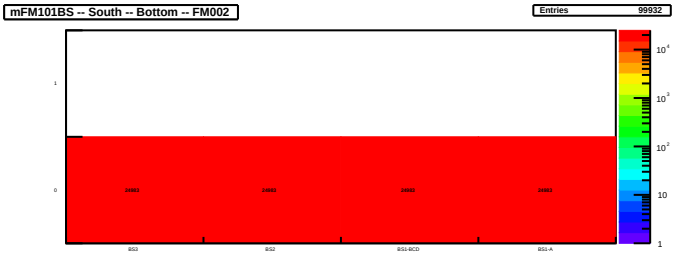
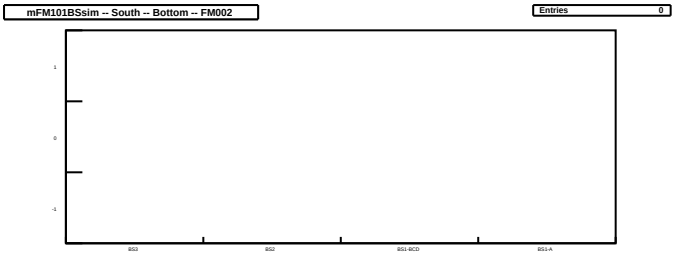
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 49966
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 99932
24983
24983
24983
24983
BS3
BS2
BS1-BCD
BS1-A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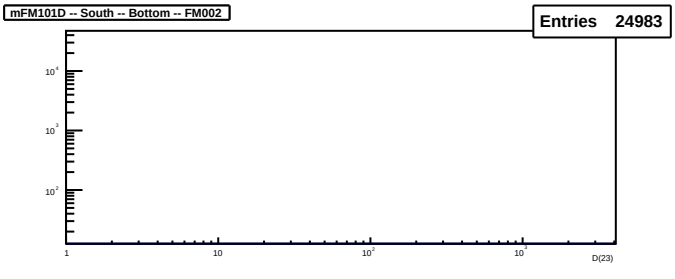
BS1-BCD
BS1-A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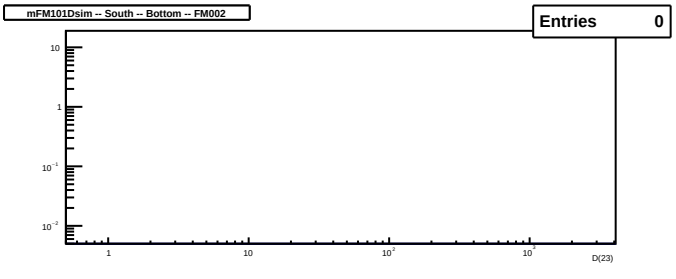
Entries 24983
D(23)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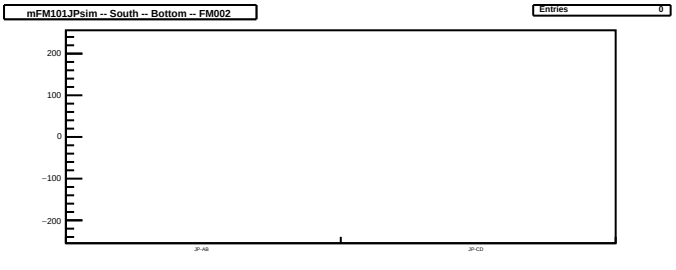
Entries 0
D(23)

mFM101JP -- South -- Bottom -- FM002
Entries 49966
JP-AB
JP-CD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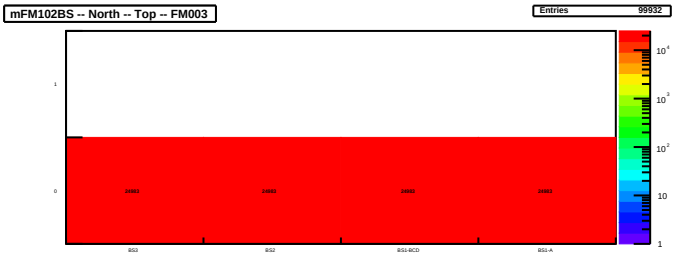
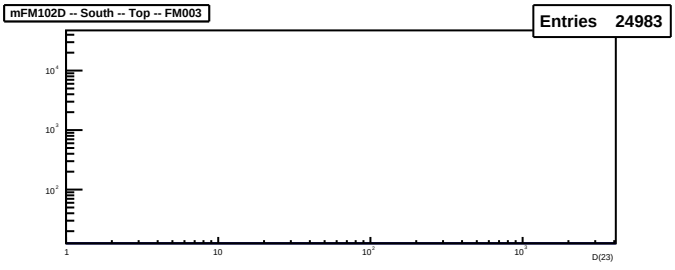
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 99932
24983
24983
24983
24983
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A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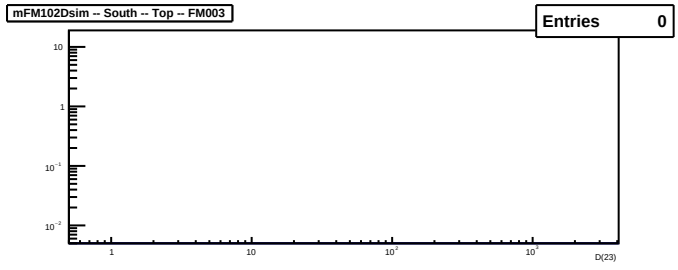
Entries 24983
D(23)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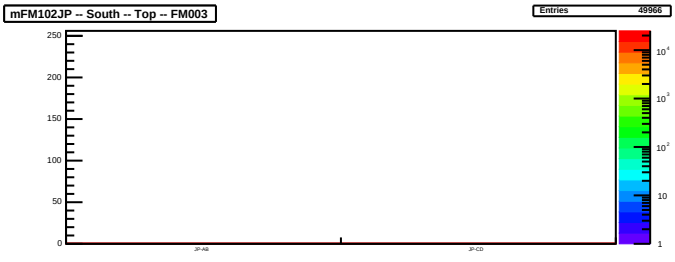
D(23)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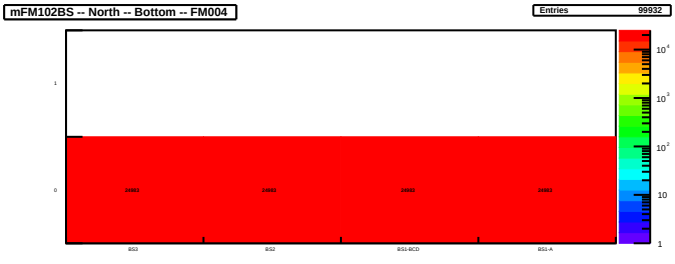
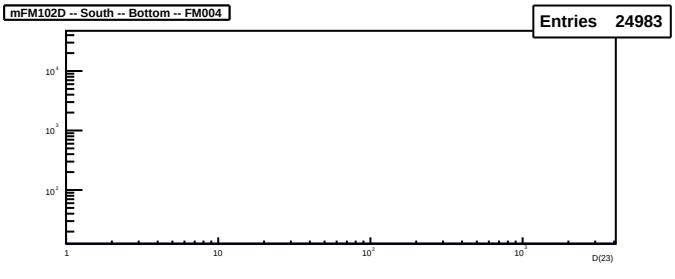
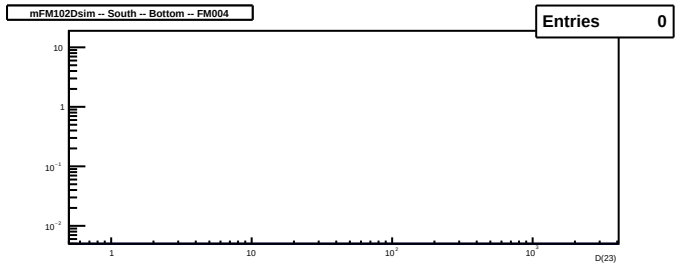
Entries 49966
JP-AB
JP-CD

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


mFM102BS -- North -- Bottom -- FM004
Entries 99932
24983
24983
24983
24983
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Bottom -- FM004
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 24983
D(23)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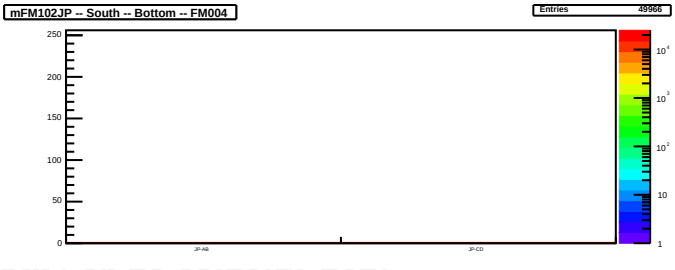
Entries 0
D(23)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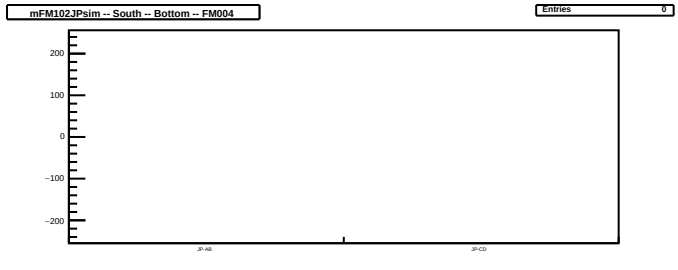
Entries 49966
JP-AB
JP-CD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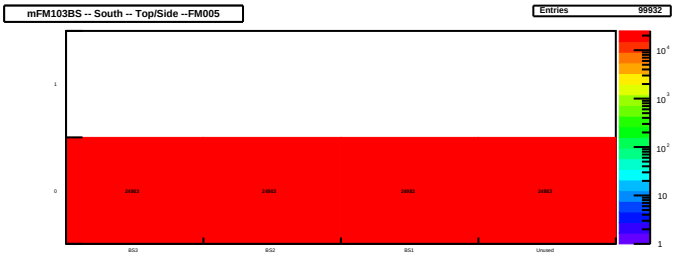
Entries 0
JP-AB
JP-CD


mFM103BS -- South -- Top/Side --FM005
Entries 99932
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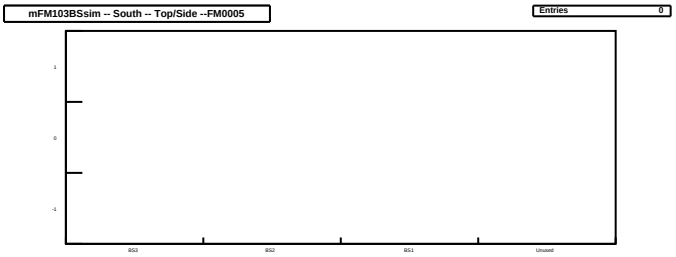
24983
24983
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Top/Side --FM0005
Entries 0
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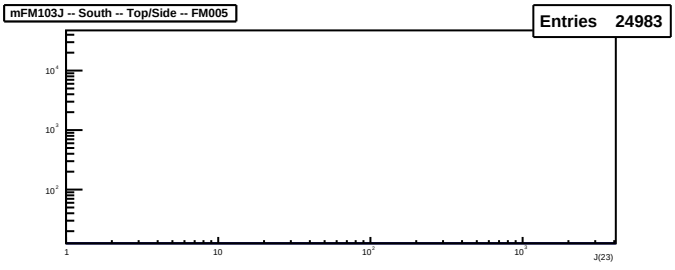
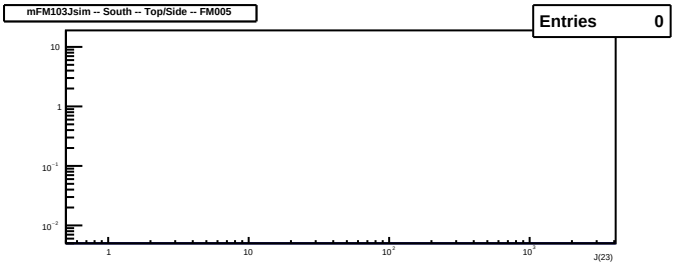
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 24983
J(23)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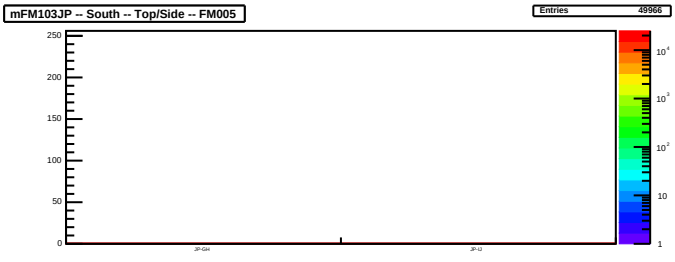
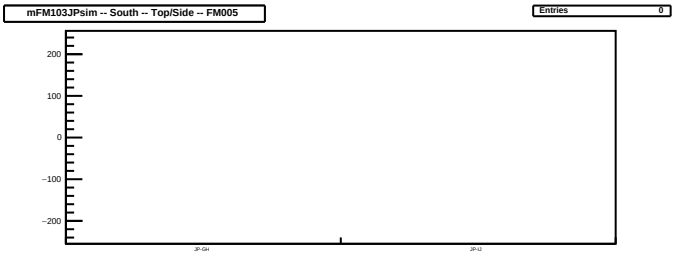
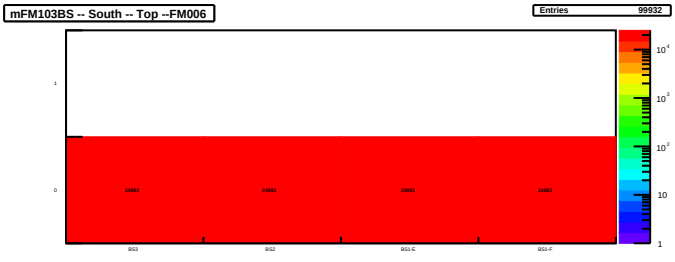
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 49966
JP-GH
JP-IJ


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


mFM103BS -- South -- Top --FM006
Entries 99932
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24983
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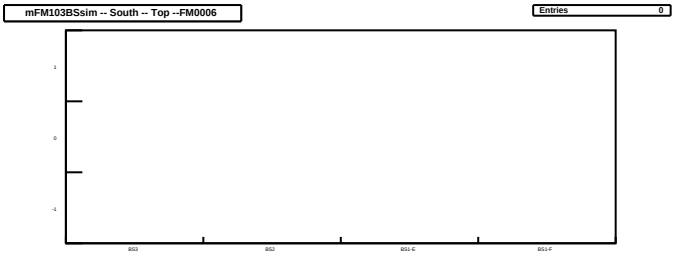
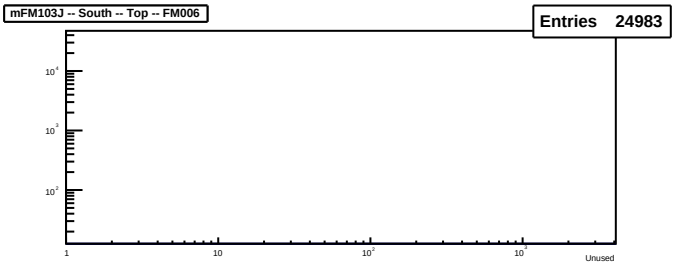
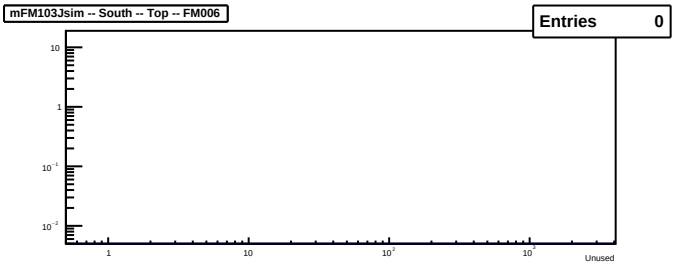
24983
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 24983
Unused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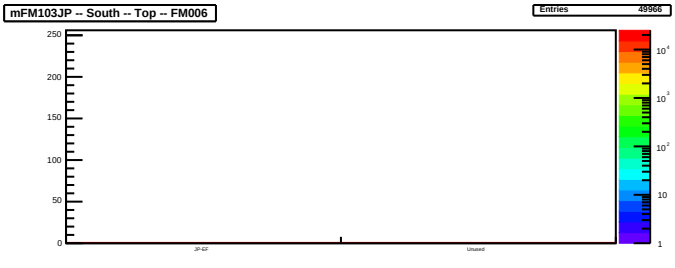
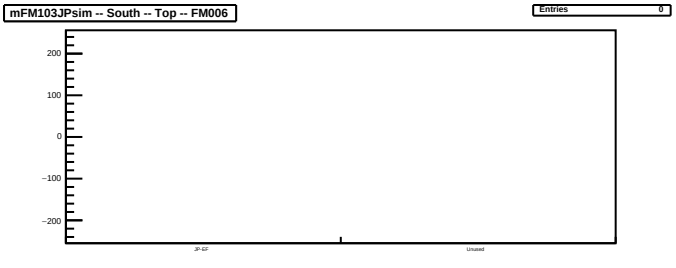
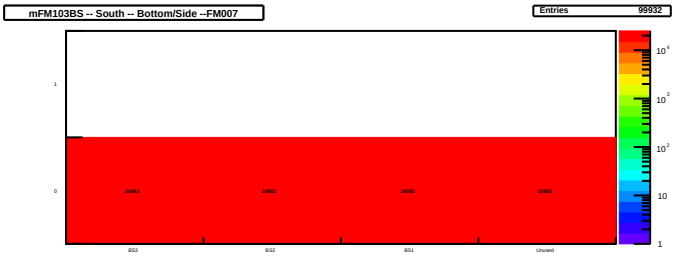
Entries 0
Unused


mFM103JP -- South -- Top -- FM006
Entries 49966
JP-EF
Unused


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


mFM103BS -- South -- Bottom/Side --FM007
Entries 99932
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24983
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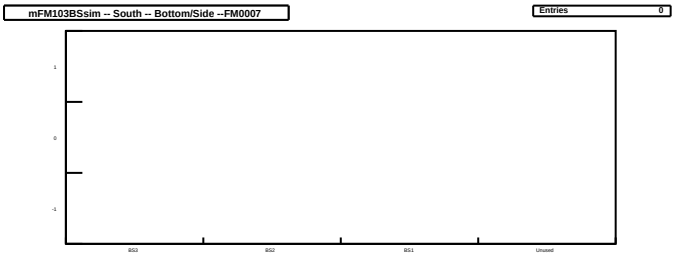
BS3
BS2
BS1
Unused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Entries 0
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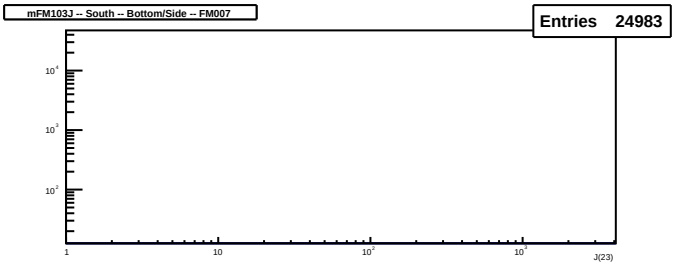
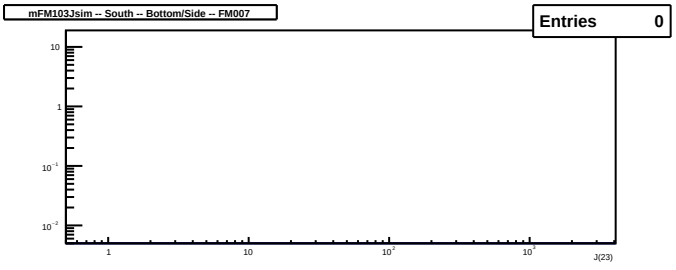
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 24983
J(23)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Entries 0
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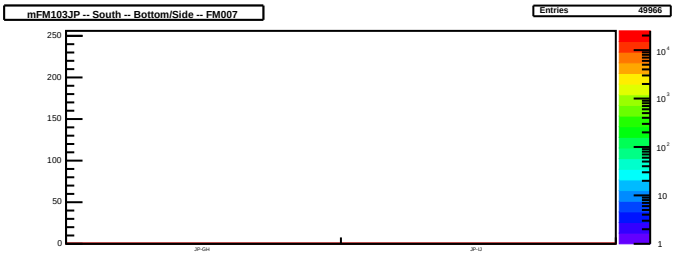
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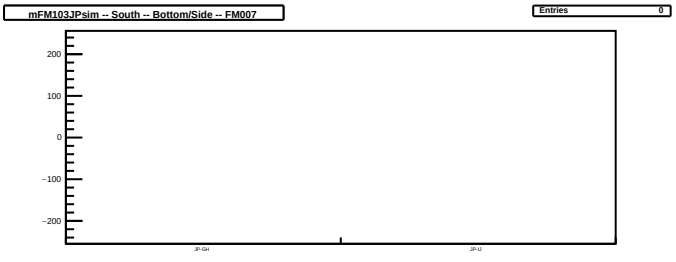
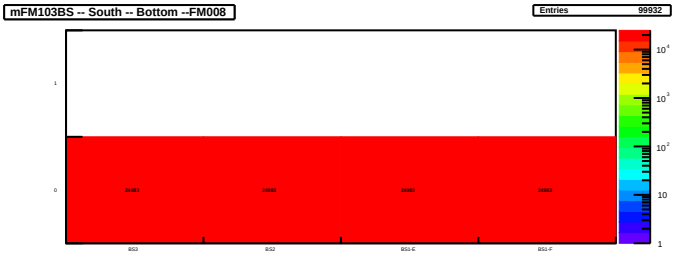
Entries 49966
JP-GH
JP-IJ


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


mFM103BS -- South -- Bottom --FM008
Entries 99932
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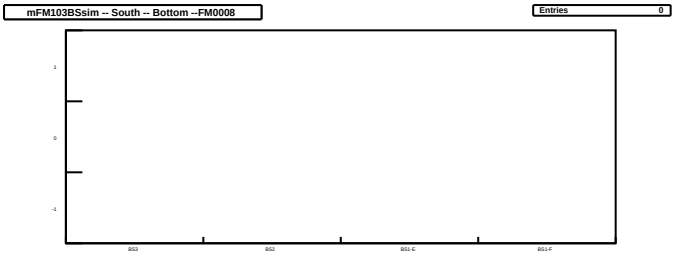
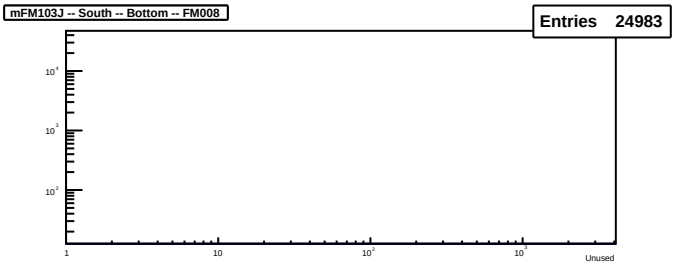
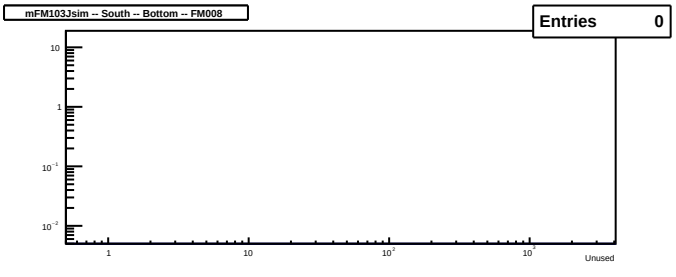
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 24983
Unused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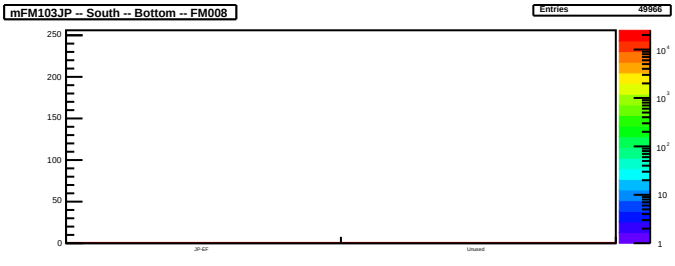
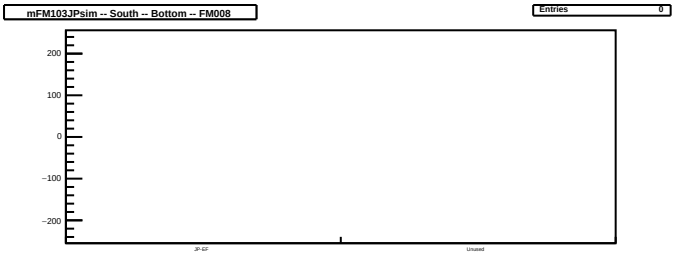
Entries 0
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 49966
JP-EF
Unused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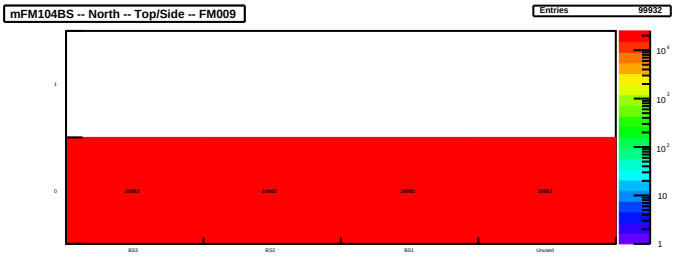
Entries 0
JP-EF
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 99932
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24983
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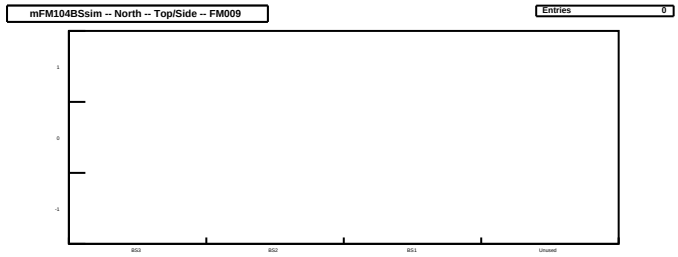
BS3
BS2
BS1
Unused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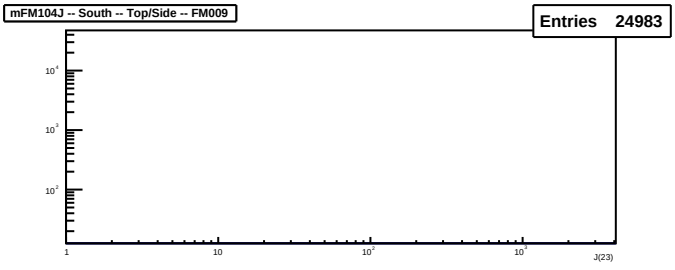
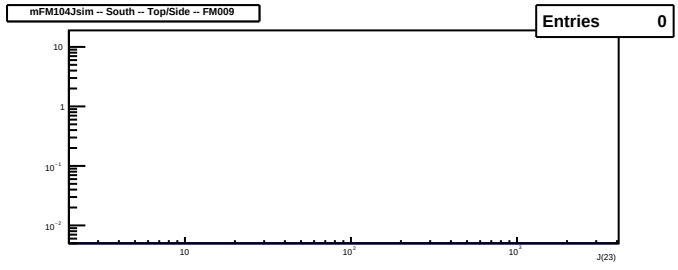
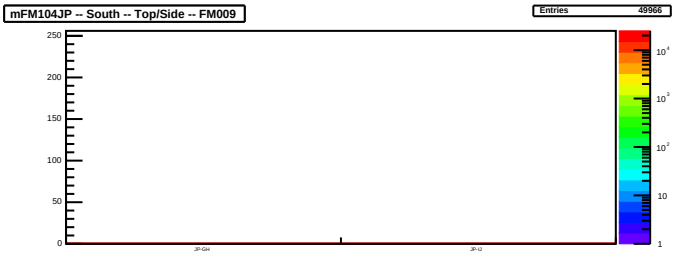
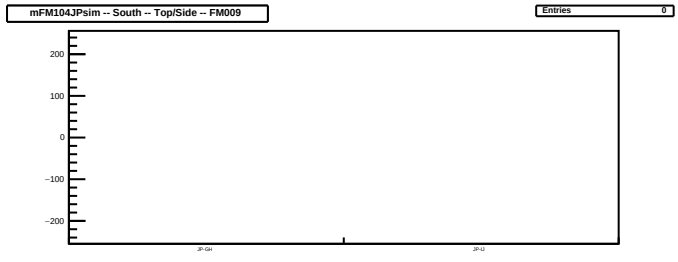
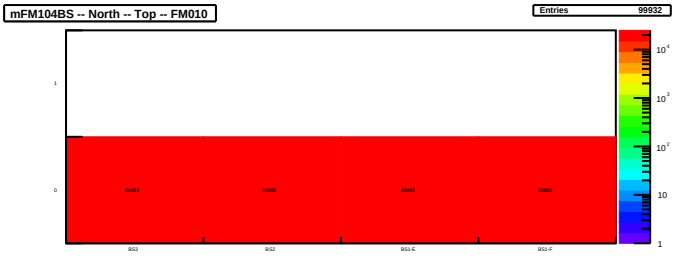
Entries 0
BS3
BS2
BS1
Unused


mFM104J -- South -- Top/Side -- FM009
Entries 24983
J(23)


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


mFM104JP -- South -- Top/Side -- FM009
Entries 49966
JP-GH
JP-IJ


mFM104JPsim -- South -- Top/Side -- FM009
Entries 0
JP-GH
JP-IJ


mFM104BS -- North -- Top -- FM010
Entries 99932
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24983
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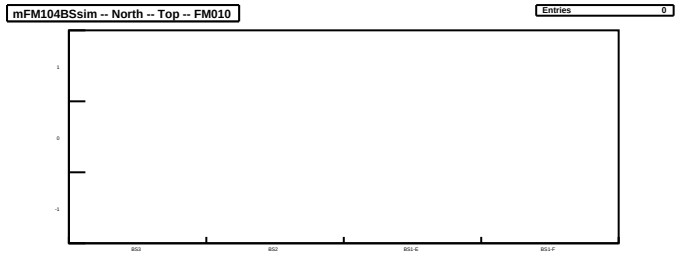
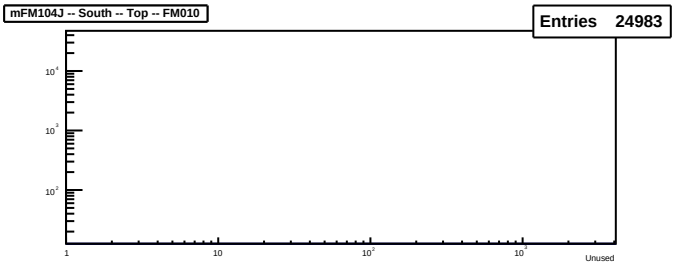
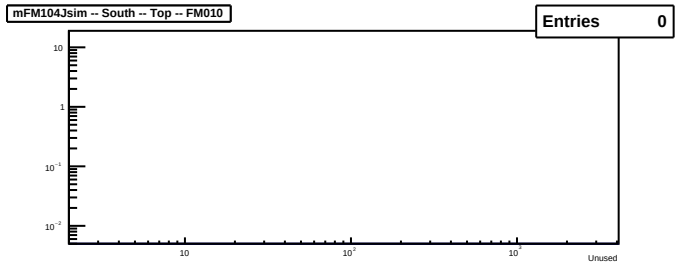
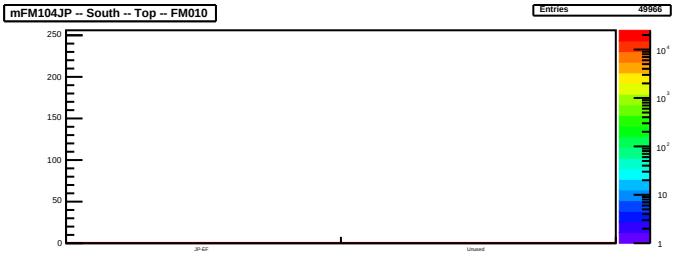
24983
BS3
BS2
BS1-E
BS1-F

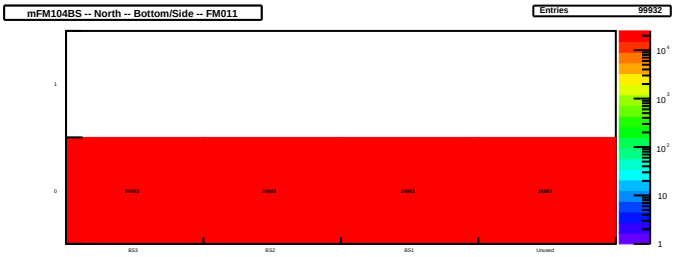

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

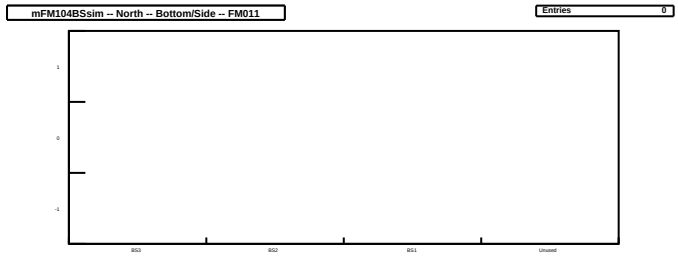

mFM104J -- South -- Top -- FM010
Entries 24983
Unused

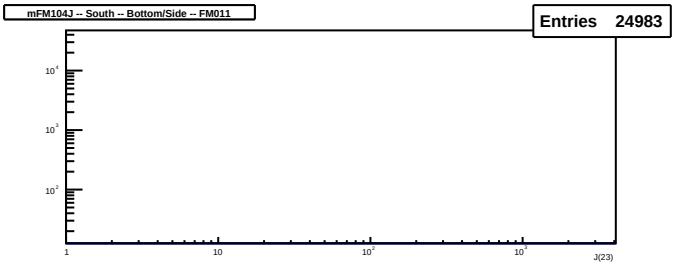

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

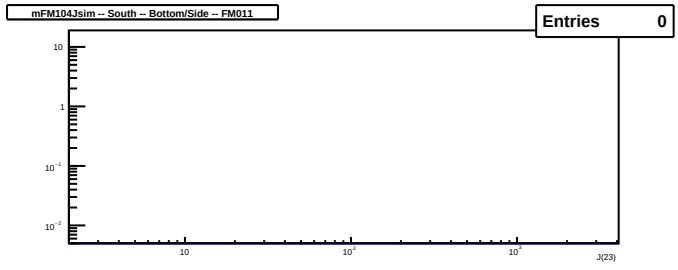

mFM104JP -- South -- Top -- FM010
Entries 49966
JP-EF
Unused

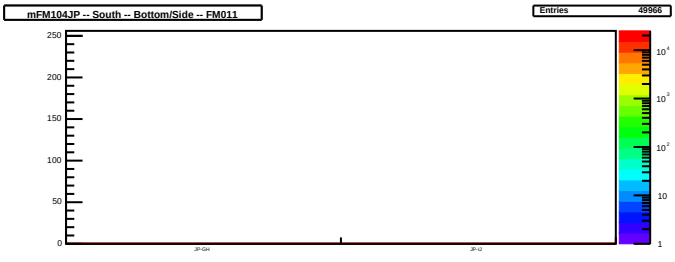
mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

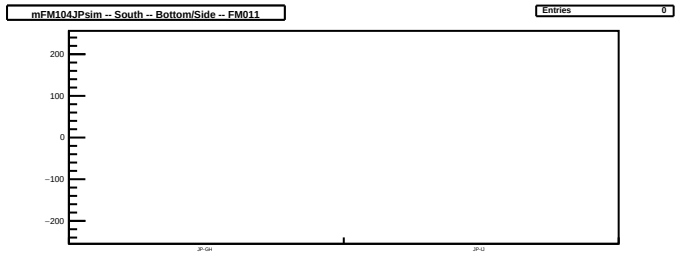

mFM104BS -- North -- Bottom/Side -- FM011
Entries 99932
24983
24983
24983
24983
BS3
BS2
BS1
Unused

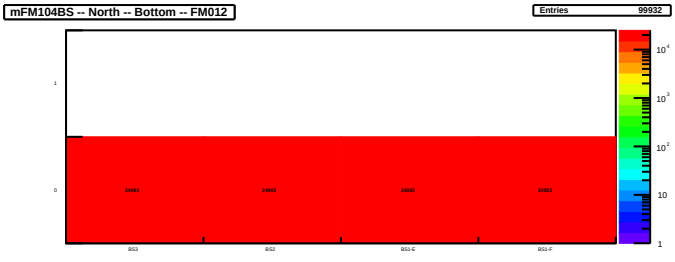

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

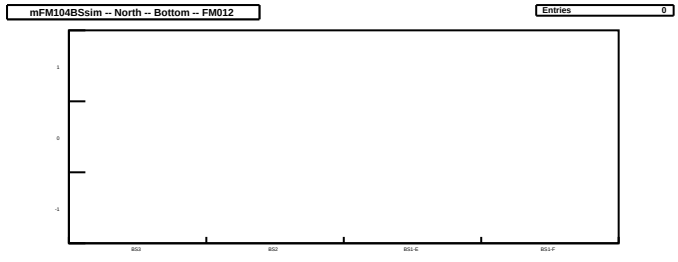

mFM104J -- South -- Bottom/Side -- FM011
Entries 24983
J(23)


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


mFM104JP -- South -- Bottom/Side -- FM011
Entries 49966
JP-GH
JP-IJ


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


mFM104BS -- North -- Bottom -- FM012
Entries 99932
24983
24983
24983
24983
BS3
BS2
BS1-E
BS1-F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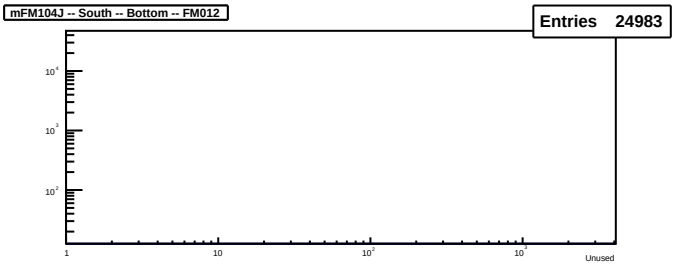
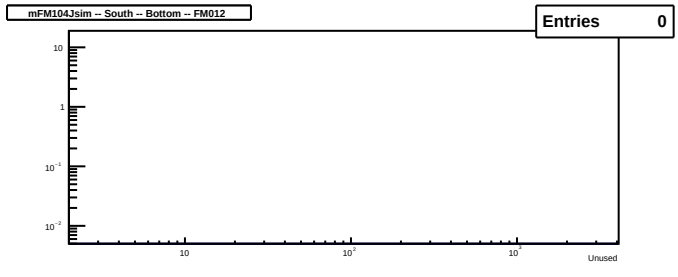
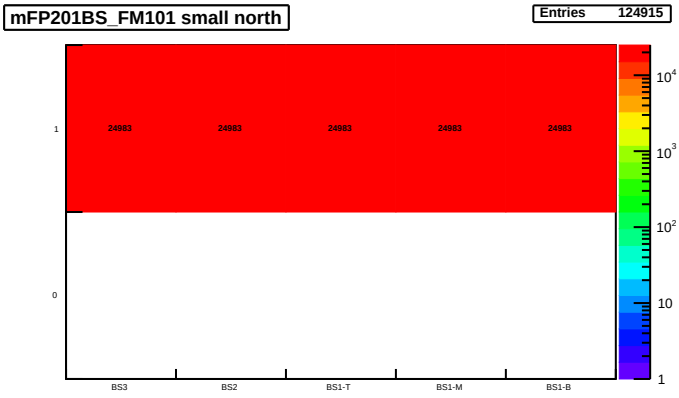
Entries 0
BS3
BS2
BS1-E
BS1-F

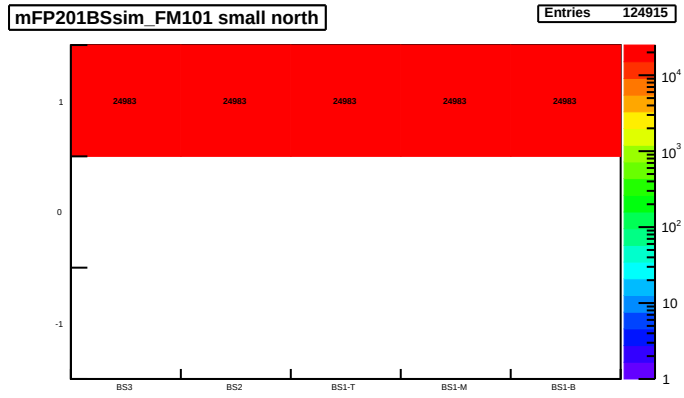

mFM104J -- South -- Bottom -- FM012
Entries 24983
Unused

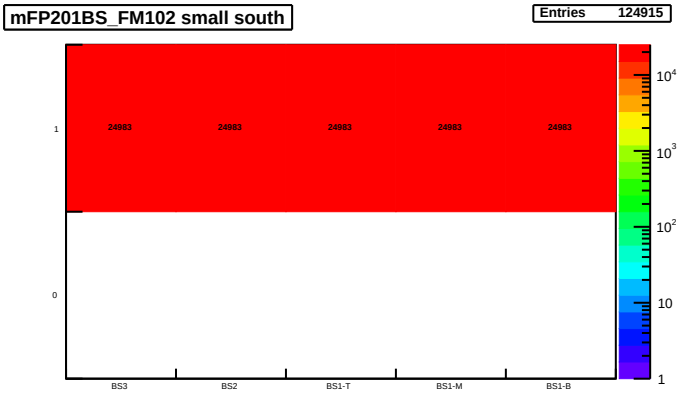

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

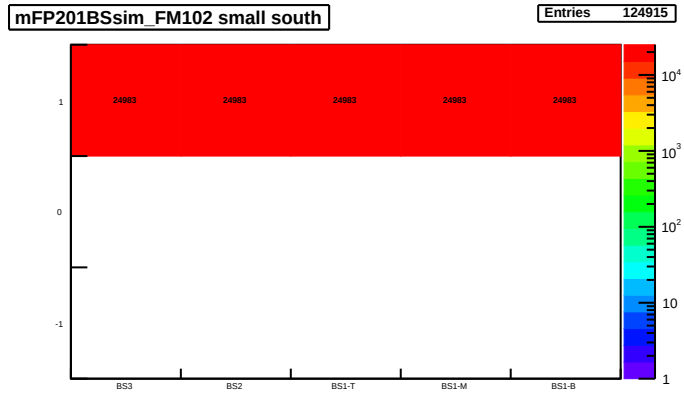
mFM104JP -- South -- Bottom -- FM012
Entries 49966
JP-EF
Unused

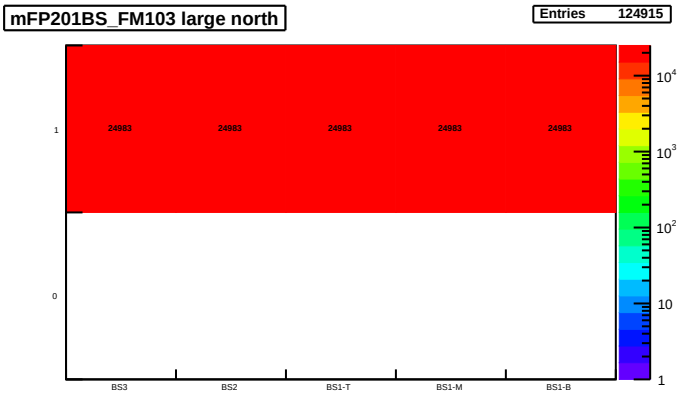
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

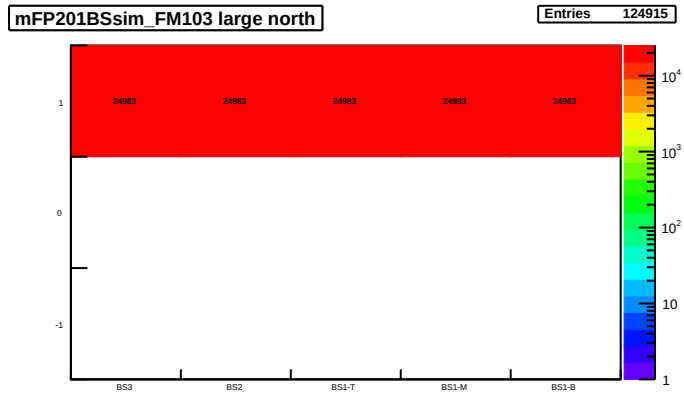

mFP201BS_FM101 small north
Entries 124915
24983
BS3
BS2
BS1-T
BS1-M
BS1-B

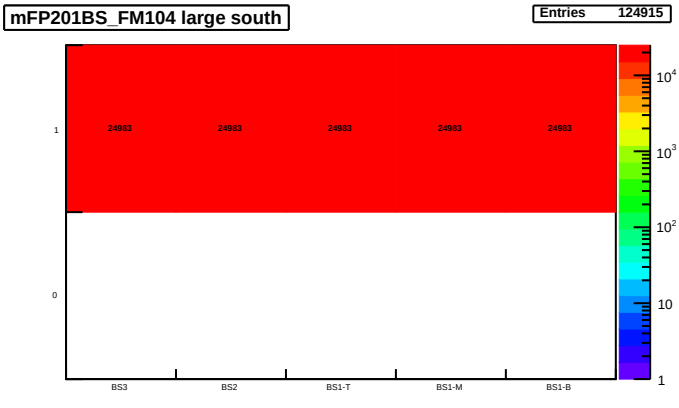

mFP201BSsim_FM101 small north
Entries 124915
24983
BS3
BS2
BS1-T
BS1-M
BS1-B

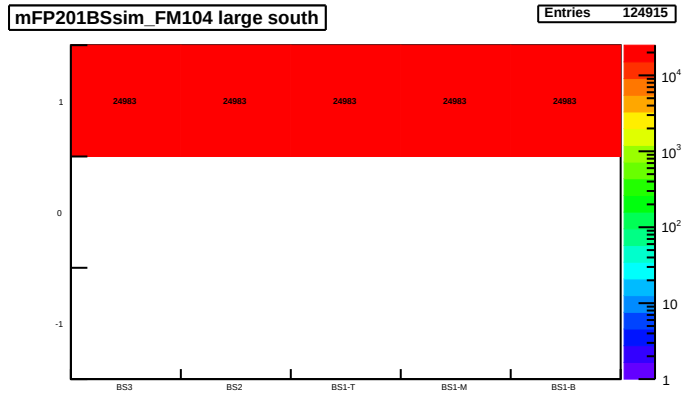

mFP201BS_FM102 small south
Entries 124915
24983
BS3
BS2
BS1-T
BS1-M
BS1-B

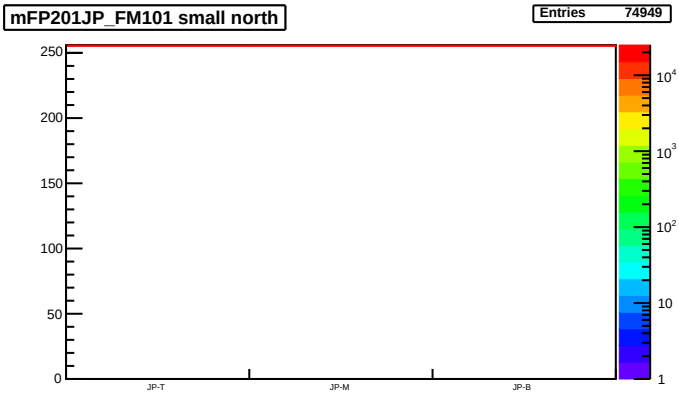

mFP201BSsim_FM102 small south
Entries 124915
24983
BS3
BS2
BS1-T
BS1-M
BS1-B

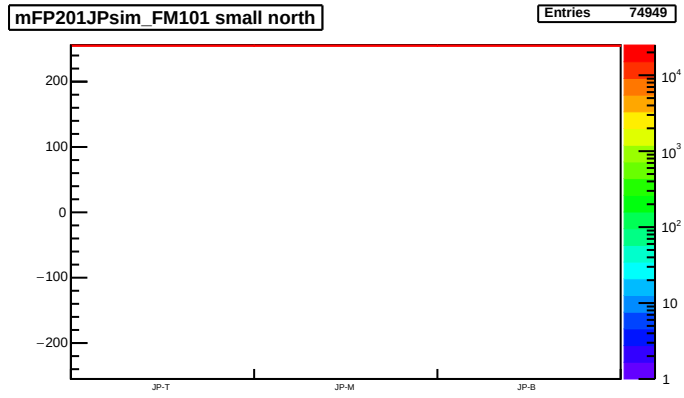

mFP201BS_FM103 large north
Entries 124915
24983
BS3
BS2
BS1-T
BS1-M
BS1-B

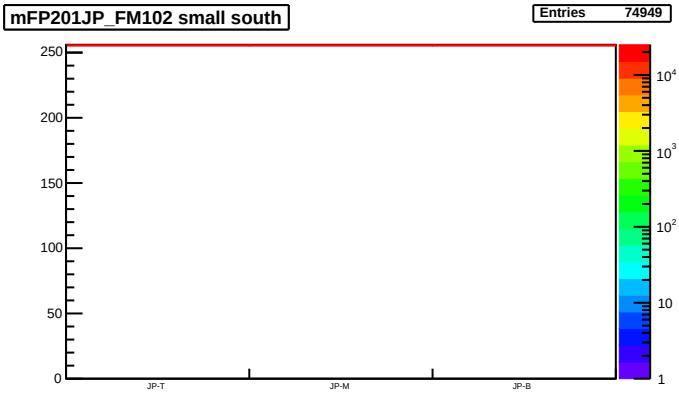

mFP201BSsim_FM103 large north
Entries 124915
24983
BS3
BS2
BS1-T
BS1-M
BS1-B

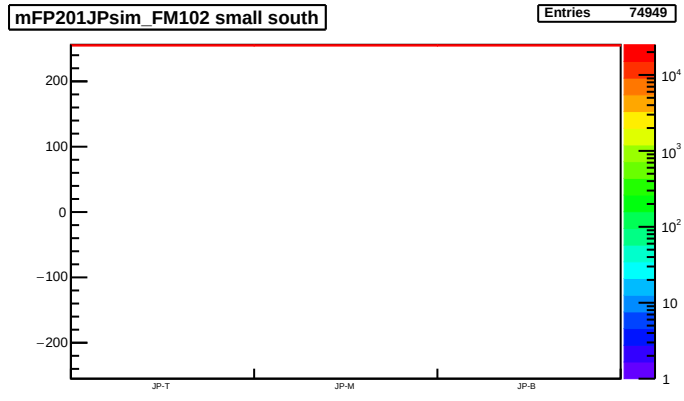

mFP201BS_FM104 large south
Entries 124915
24983
BS3
BS2
BS1-T
BS1-M
BS1-B

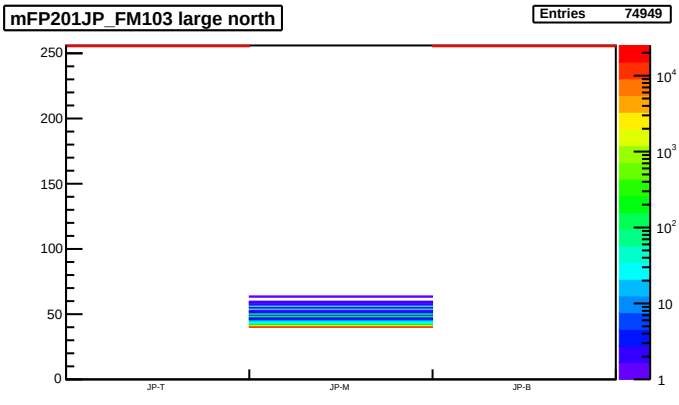

mFP201BSsim_FM104 large south
Entries 124915
24983
BS3
BS2
BS1-T
BS1-M
BS1-B

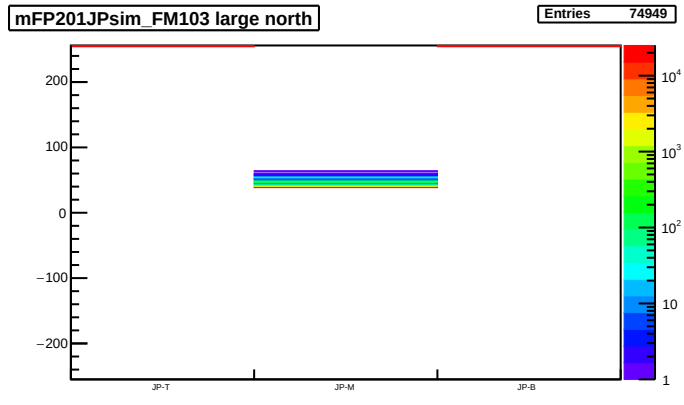

mFP201JP_FM101 small north
Entries 74949
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

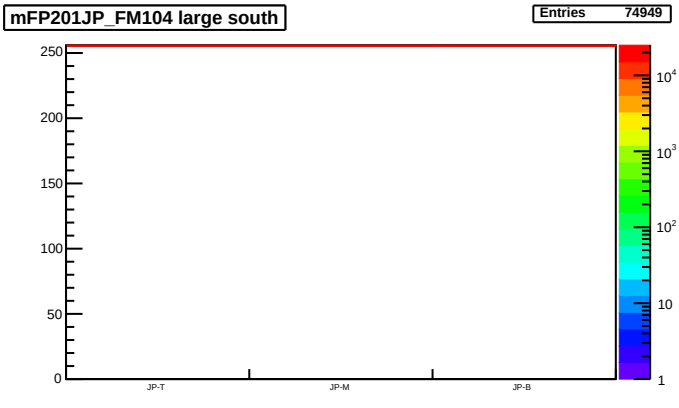

mFP201JPsim_FM101 small north
Entries 74949
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

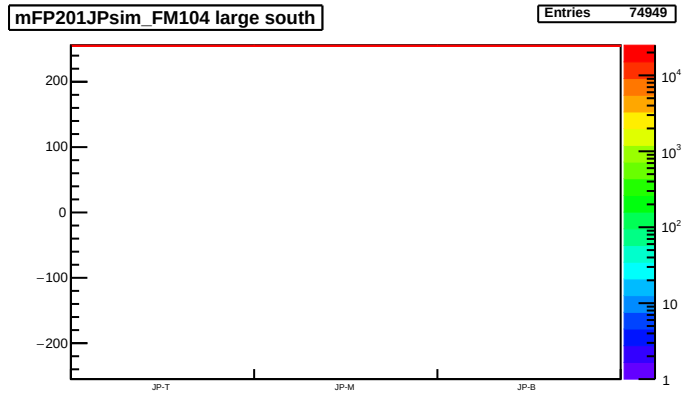

mFP201JP_FM102 small south
Entries 74949
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

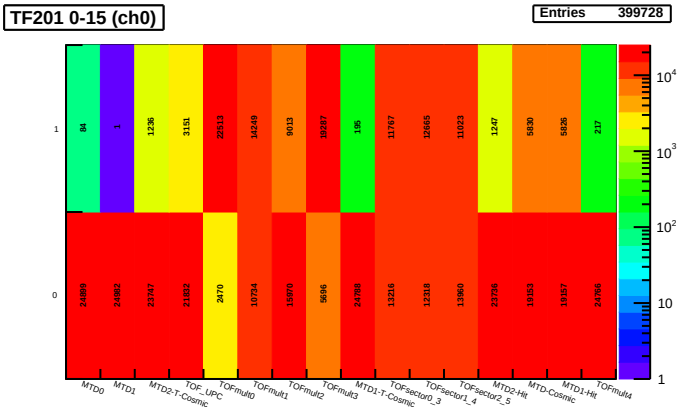

mFP201JPsim_FM102 small south
Entries 74949
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

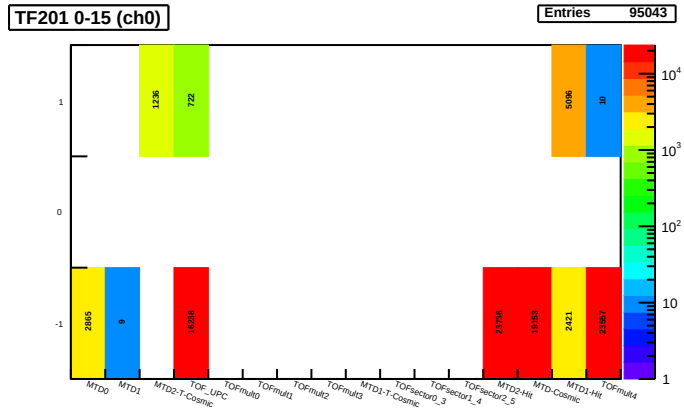

mFP201JP_FM103 large north
Entries 74949
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

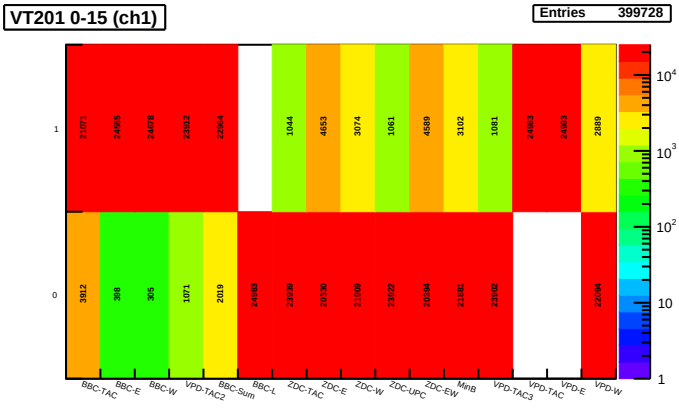

mFP201JPsim_FM103 large north
Entries 74949
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

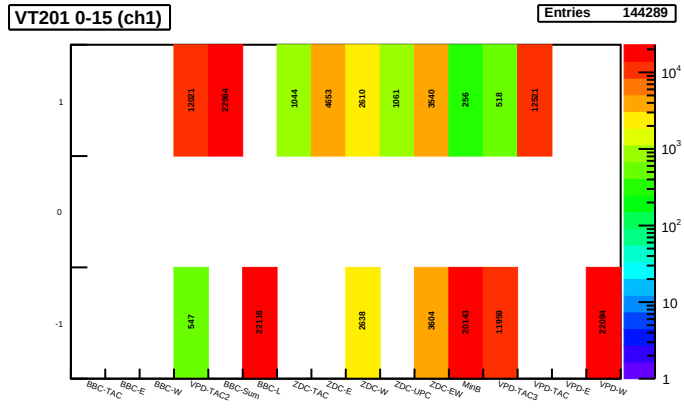

mFP201JP_FM104 large south
Entries 74949
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

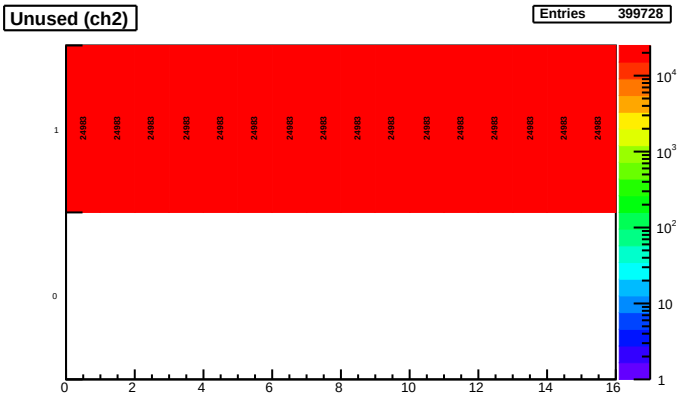

mFP201JPsim_FM104 large south
Entries 74949
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

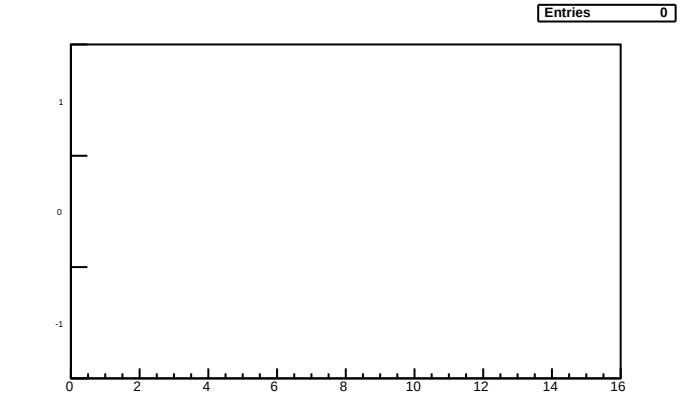

TF201 0-15 (ch0)
Entries 399728
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

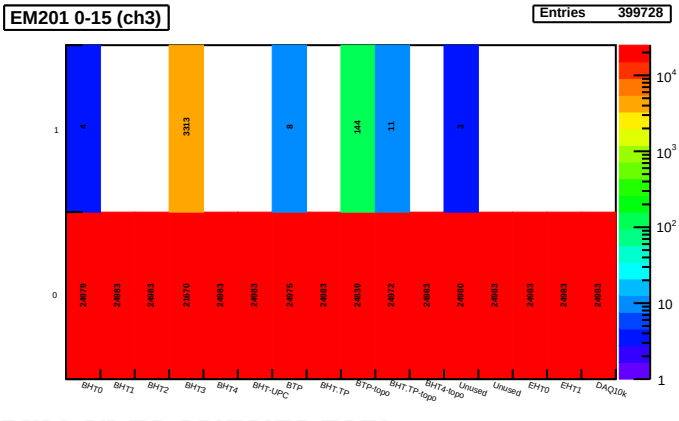

TF201 0-15 (ch0)
Entries 95043
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

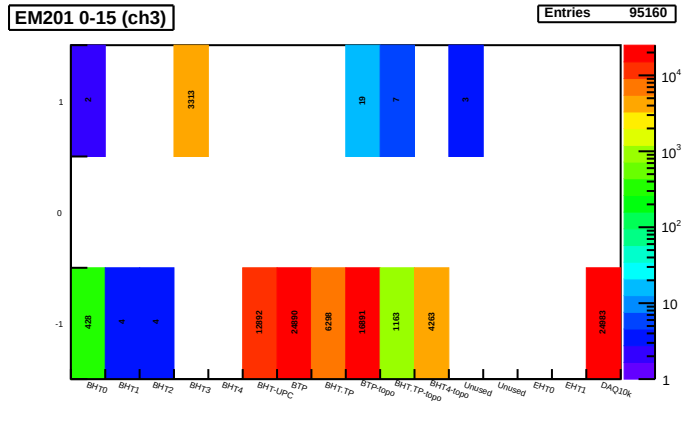

VT201 0-15 (ch1)
Entries 399728
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W


VT201 0-15 (ch1)
Entries 144289
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

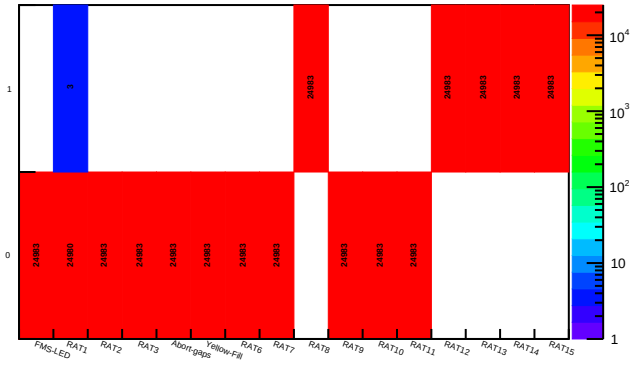

Unused (ch2)
Entries 399728

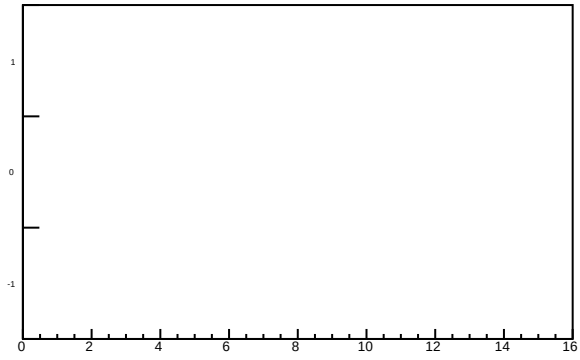

Entries 0


EM201 0-15 (ch3)
Entries 399728
BH10 BH11 BH12 BH13 BH14 BH1-UPC BTP BH1-TP BTP-topo BH1-TP-topo BH14-topo Unused Unused EH10 EH11 DAQ10k

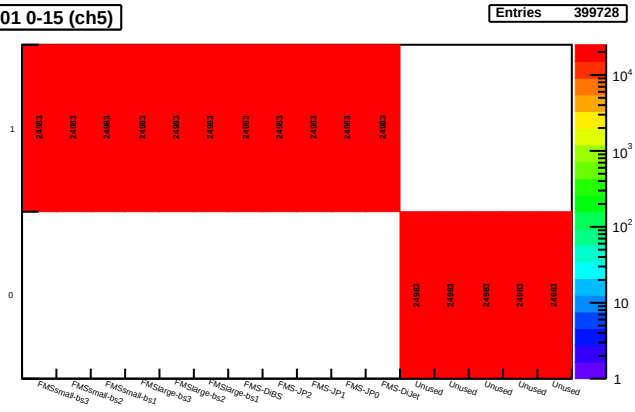

EM201 0-15 (ch3)
Entries 95160
BH10 BH11 BH12 BH13 BH14 BH1-UPC BTP BH1-TP BTP-topo BH1-TP-topo BH14-topo Unused Unused EH10 EH11 DAQ10k

RAT board (ch4)

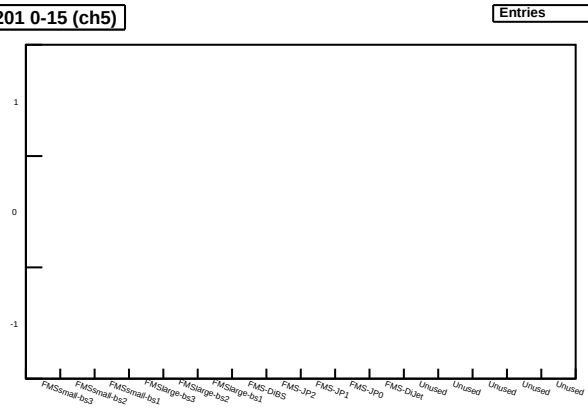




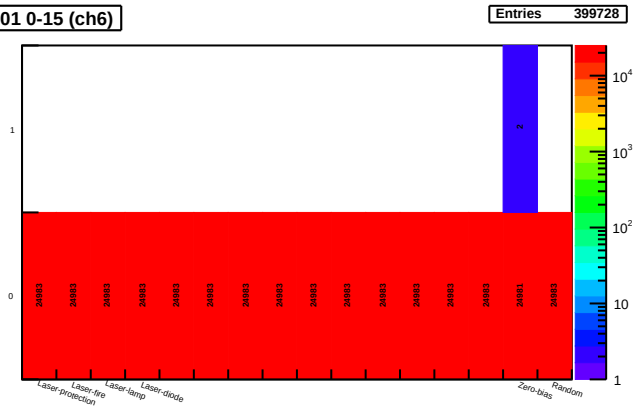
FP201 0-15 (ch5)

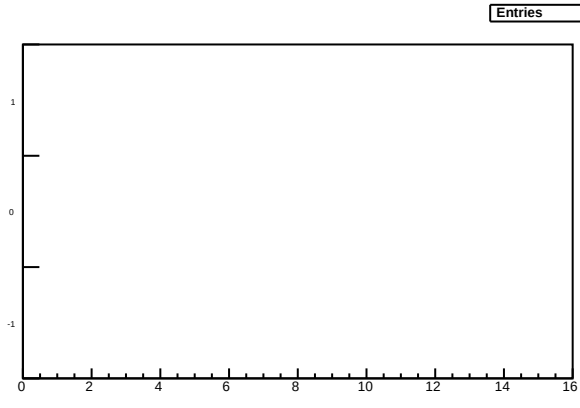
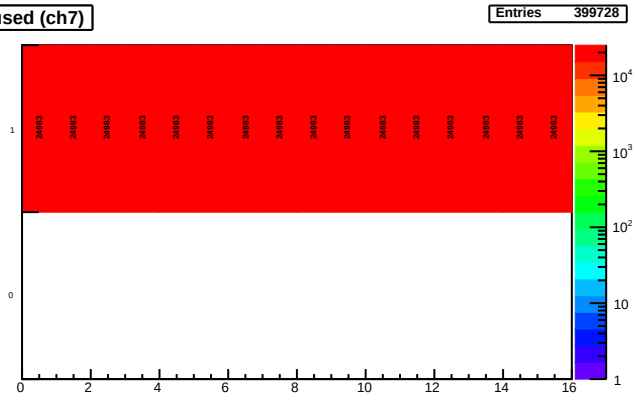
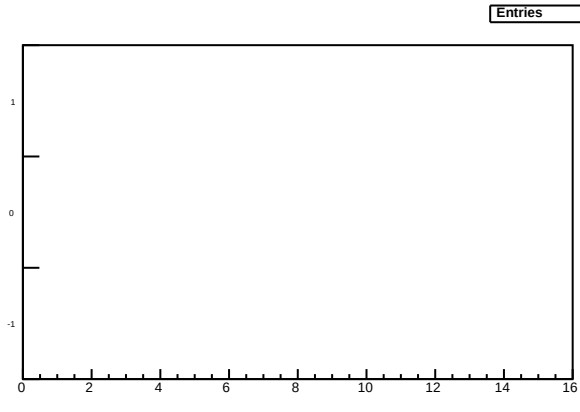


FP201 0-15 (ch5)



ST201 0-15 (ch6)





Unused (ch7)