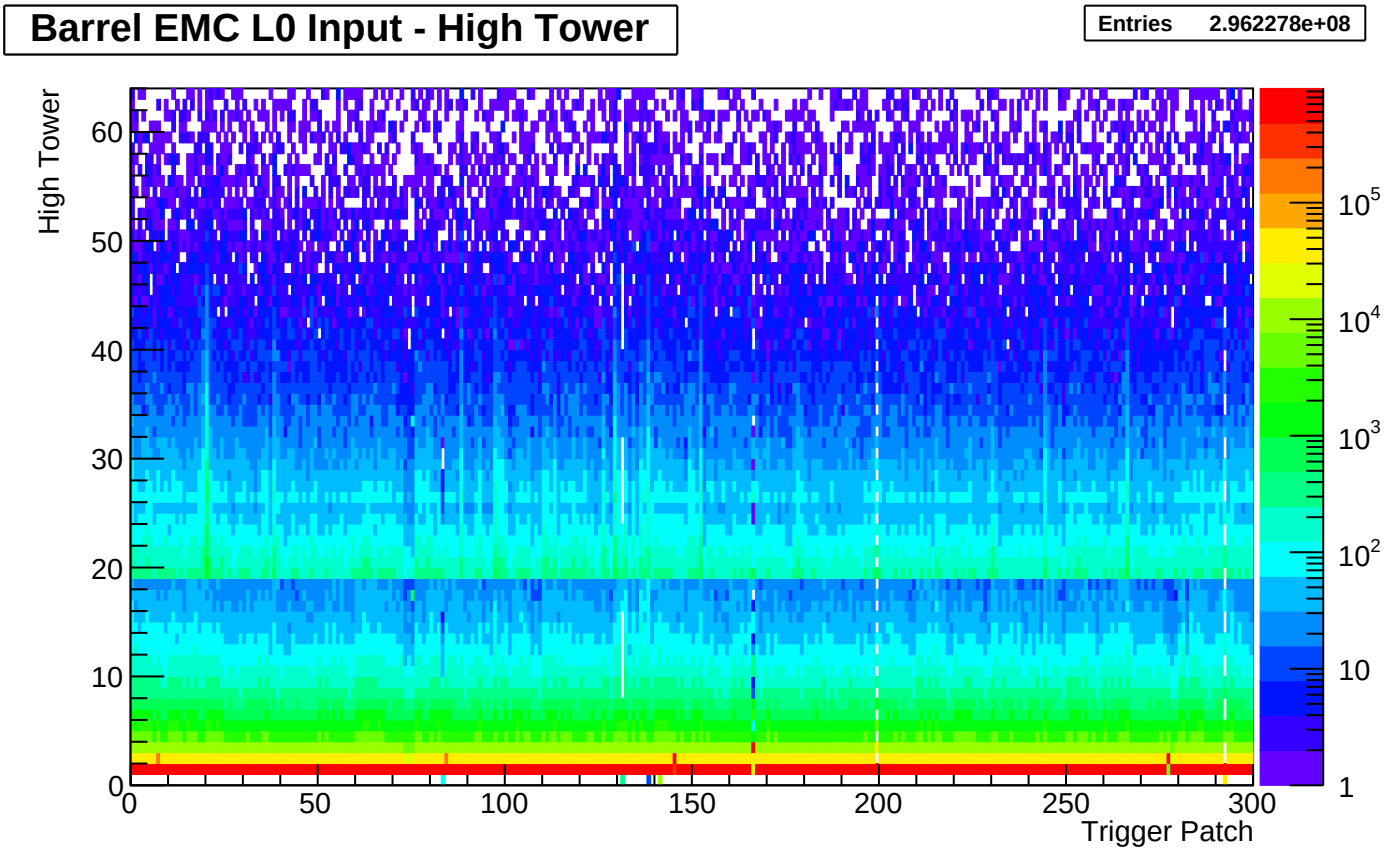
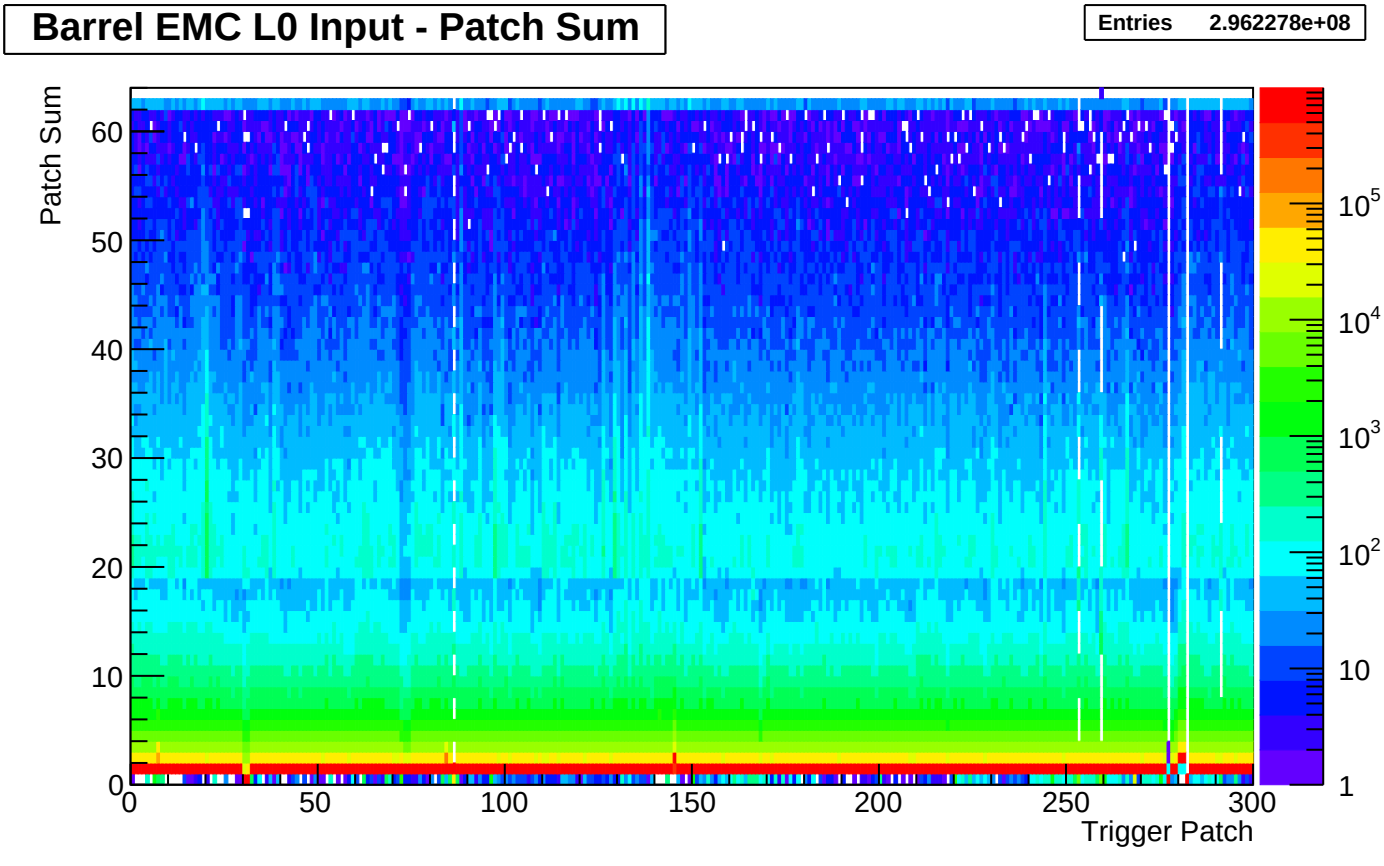
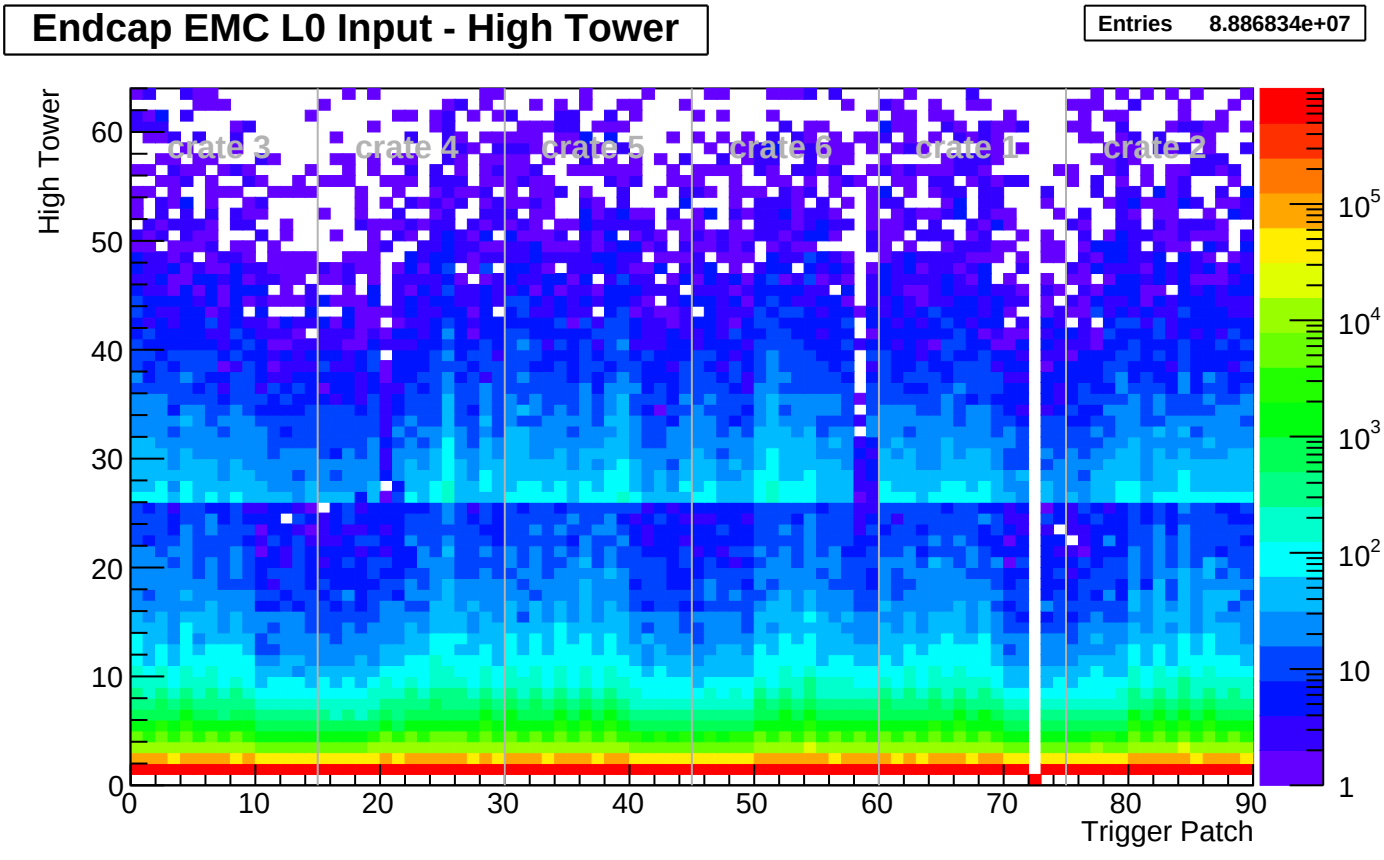
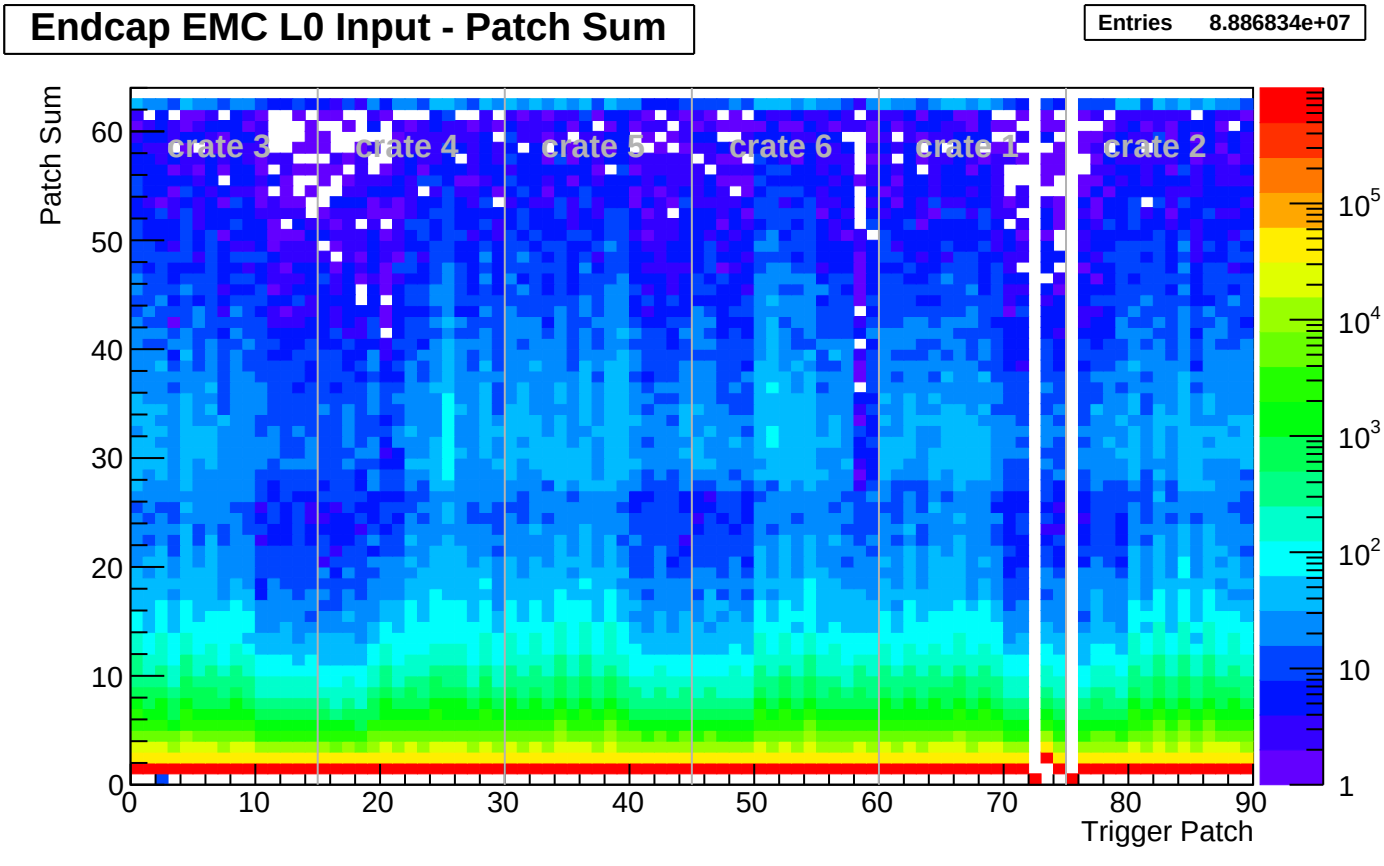
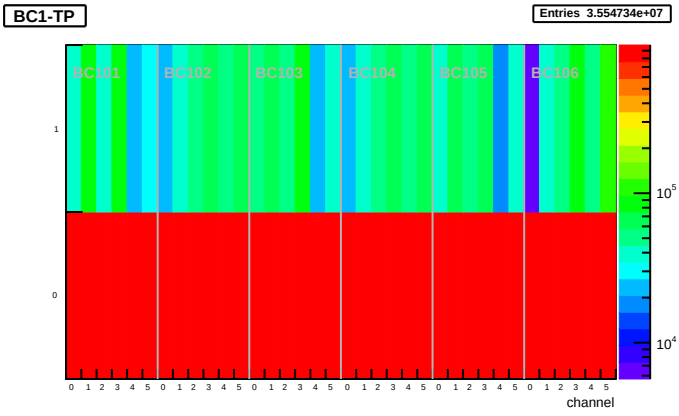
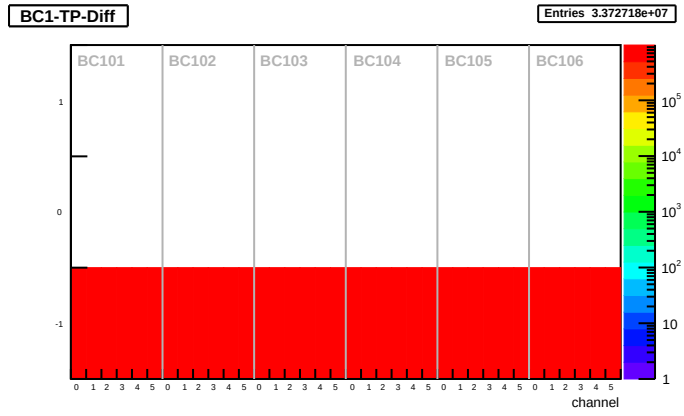

Barrel EMC L0 Input - High Tower
Entries 2.962278e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

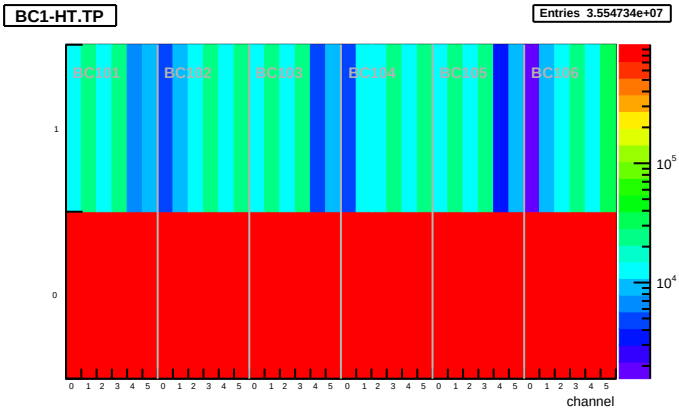

Barrel EMC L0 Input - Patch Sum
Entries 2.962278e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

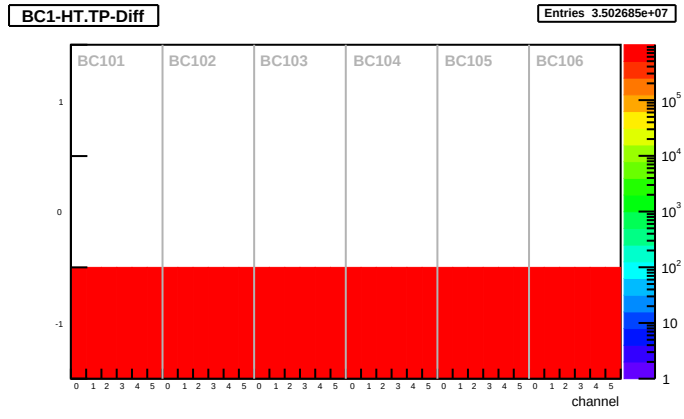

Endcap EMC L0 Input - High Tower
Entries 8.886834e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

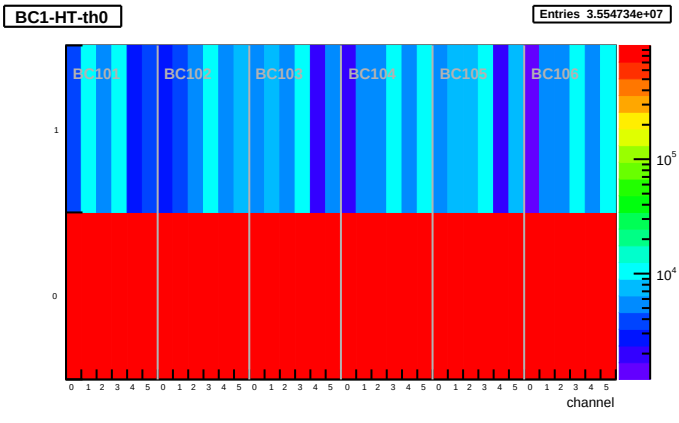

Endcap EMC L0 Input - Patch Sum
Entries 8.886834e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

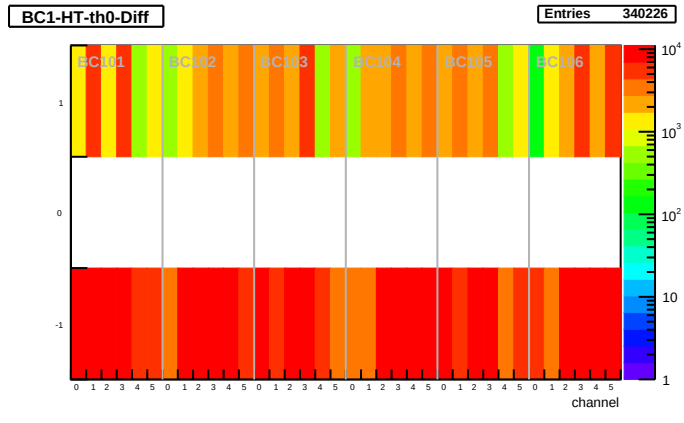

BC1-TP
Entries 3.554734e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

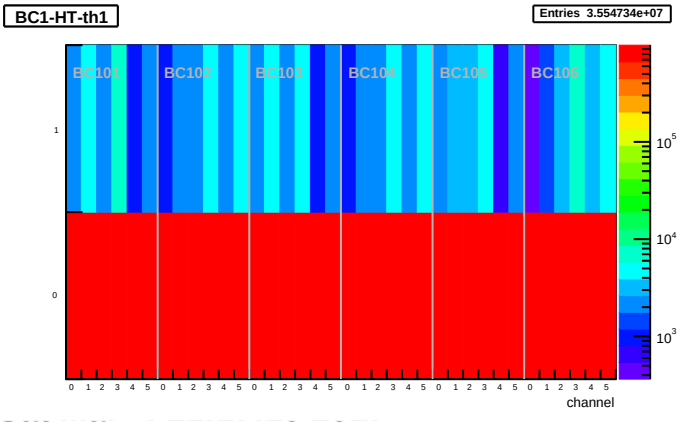

BC1-TP-Diff
Entries 3.372718e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

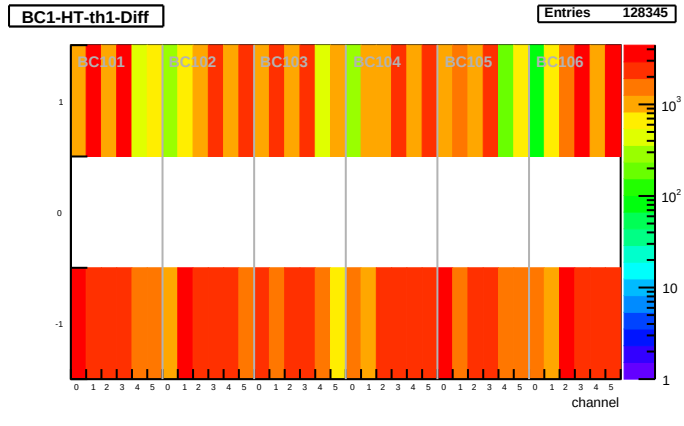

BC1-HT.TP
Entries 3.554734e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

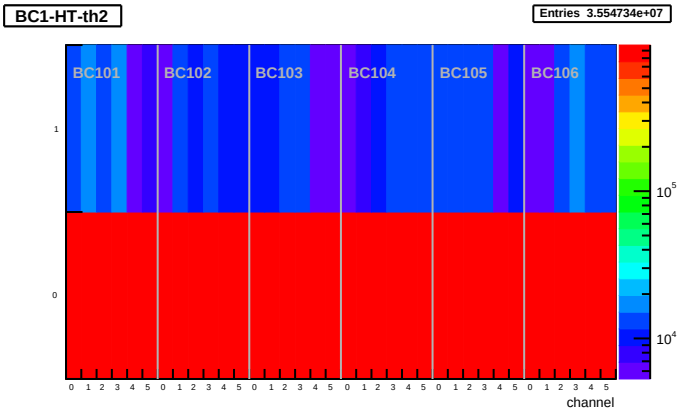

BC1-HT.TP-Diff
Entries 3.502685e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

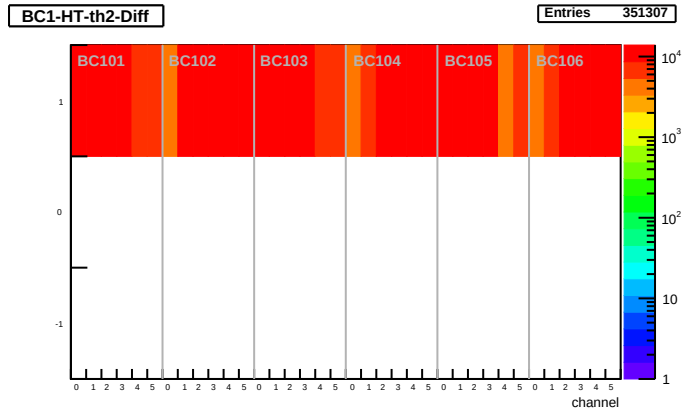

BC1-HT-th0
Entries 3.554734e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

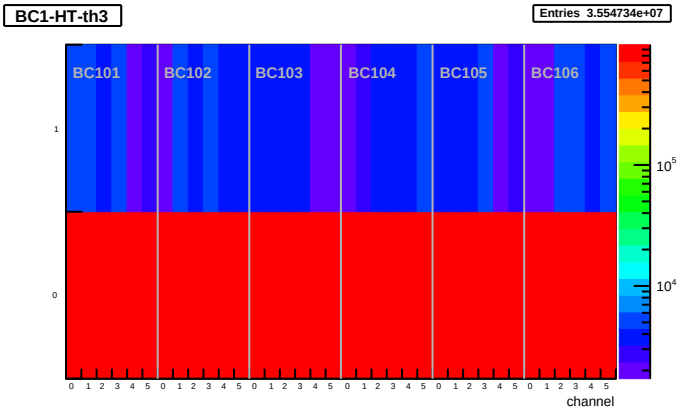

BC1-HT-th0-Diff
Entries 340226
BC101
BC102
BC103
BC104
BC105
BC106
channel

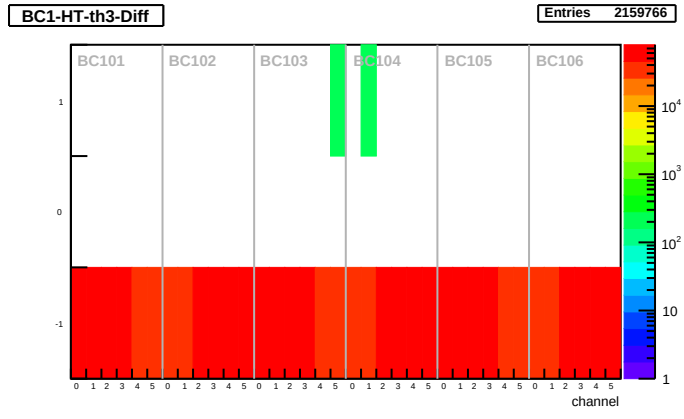

BC1-HT-th1
Entries 3.554734e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

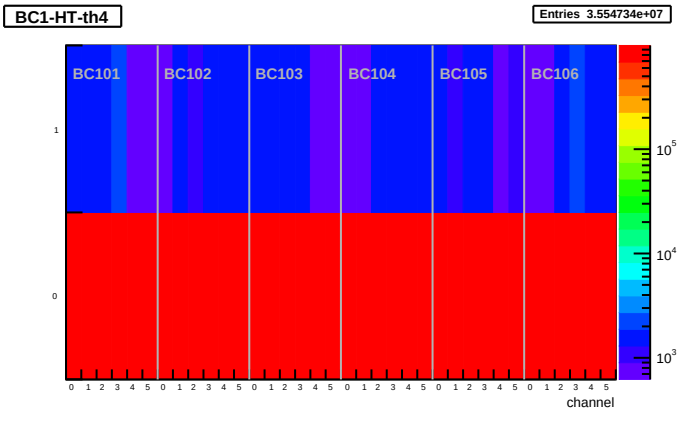

BC1-HT-th1-Diff
Entries 128345
BC101
BC102
BC103
BC104
BC105
BC106
channel

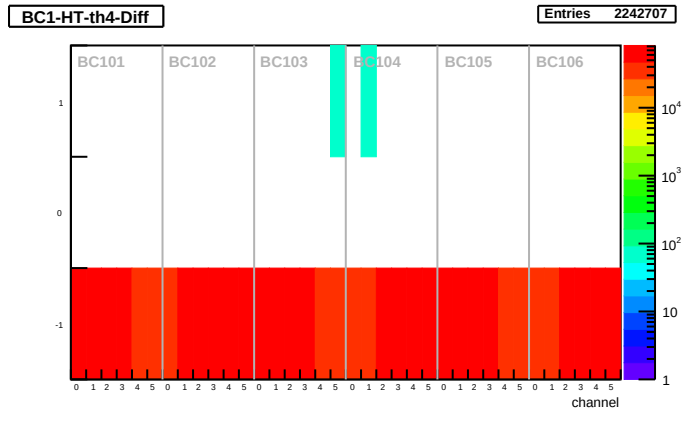

BC1-HT-th2
Entries 3.554734e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

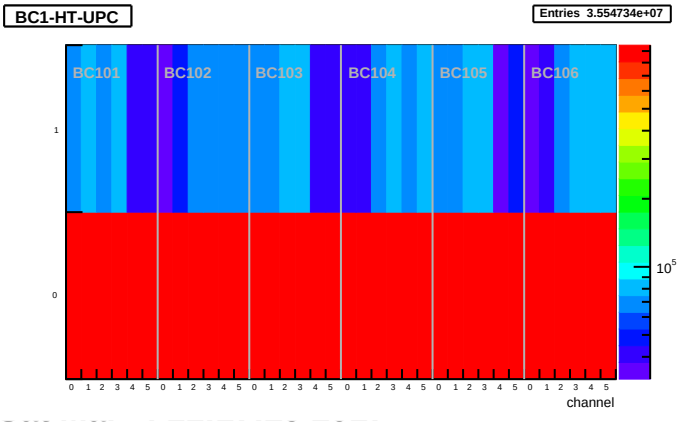

BC1-HT-th2-Diff
Entries 351307
BC101
BC102
BC103
BC104
BC105
BC106
channel

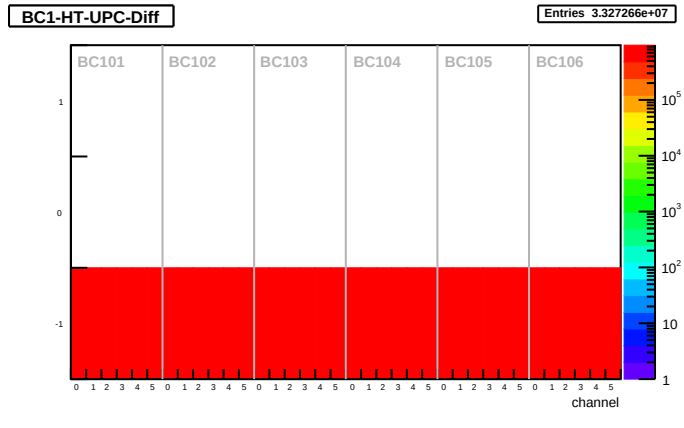

BC1-HT-th3
Entries 3.554734e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

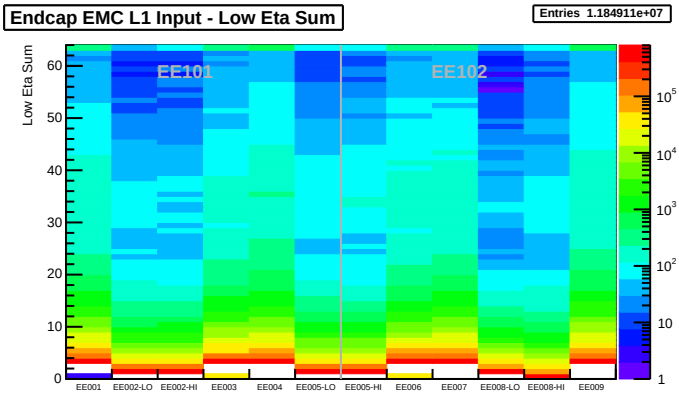

BC1-HT-th3-Diff
Entries 2159766
BC101
BC102
BC103
BC104
BC105
BC106
channel

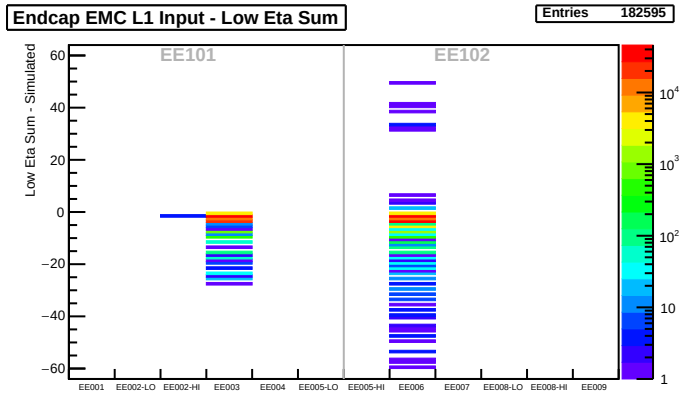

BC1-HT-th4
Entries 3.554734e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

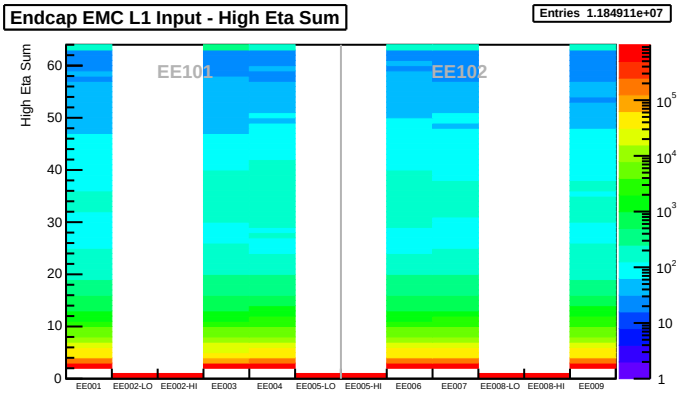

BC1-HT-th4-Diff
Entries 2242707
BC101
BC102
BC103
BC104
BC105
BC106
channel

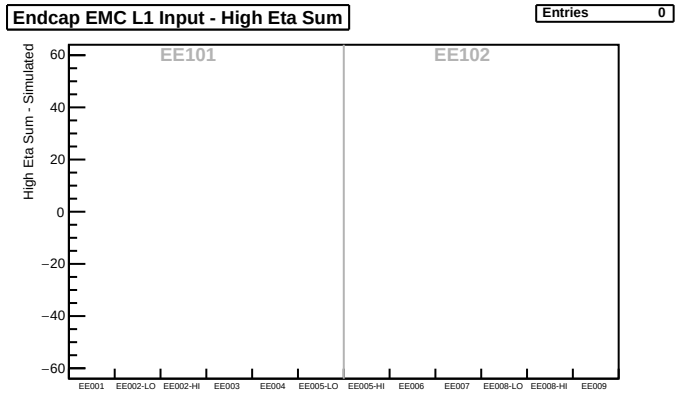

BC1-HT-UPC
Entries 3.554734e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

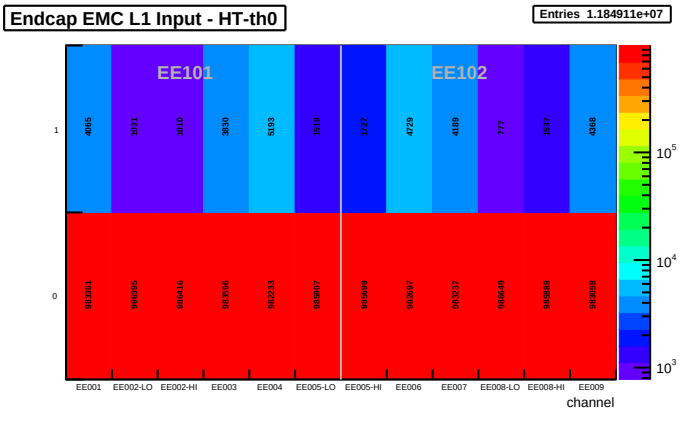

BC1-HT-UPC-Diff
Entries 3.327266e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

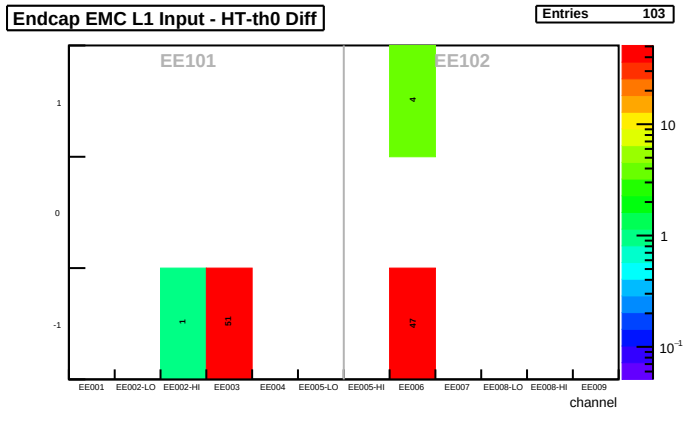

Endcap EMC L1 Input - Low Eta Sum
Entries 1.184911e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

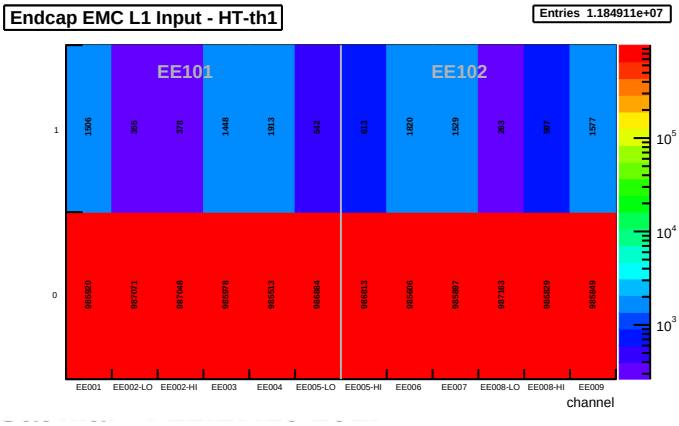

Endcap EMC L1 Input - Low Eta Sum
Entries 182595
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

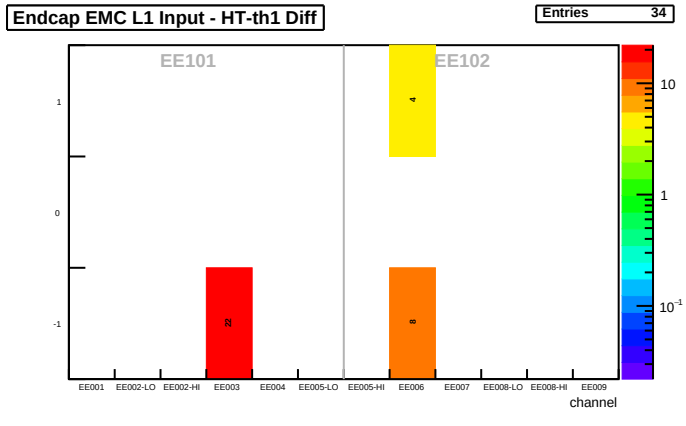

Endcap EMC L1 Input - High Eta Sum
Entries 1.184911e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

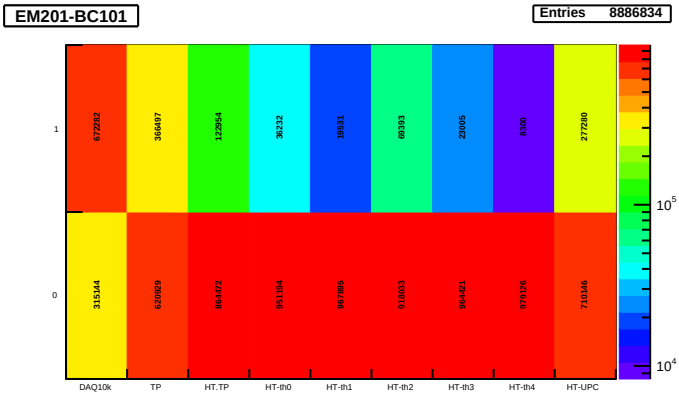

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

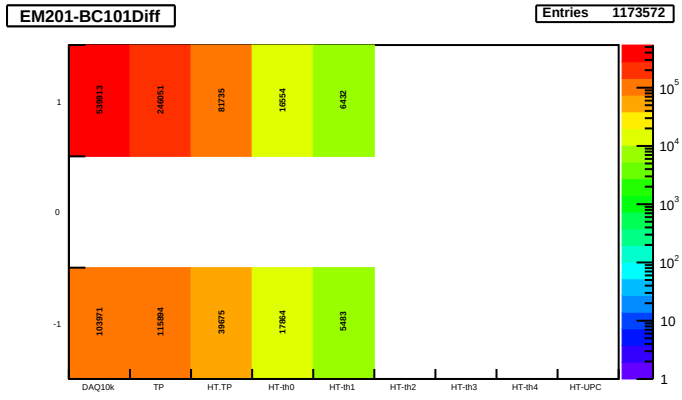

Endcap EMC L1 Input - HT-th0
Entries 1.184911e+07
EE101
EE102
channel

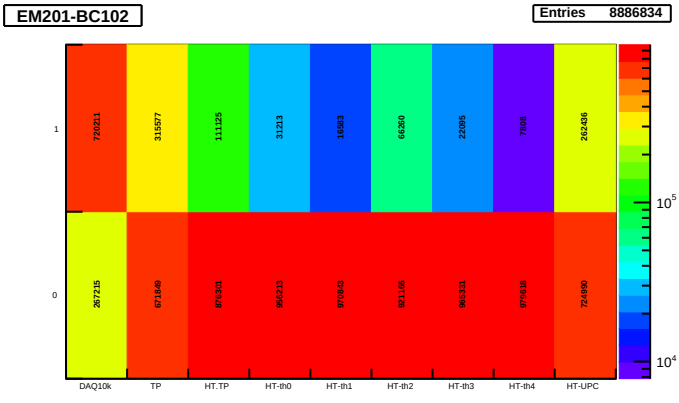

Endcap EMC L1 Input - HT-th0 Diff
Entries 103
EE101
EE102
channel

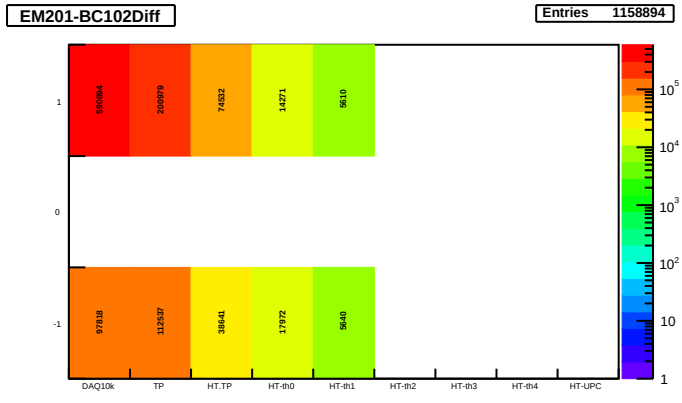

Endcap EMC L1 Input - HT-th1
Entries 1.184911e+07
EE101
EE102
channel

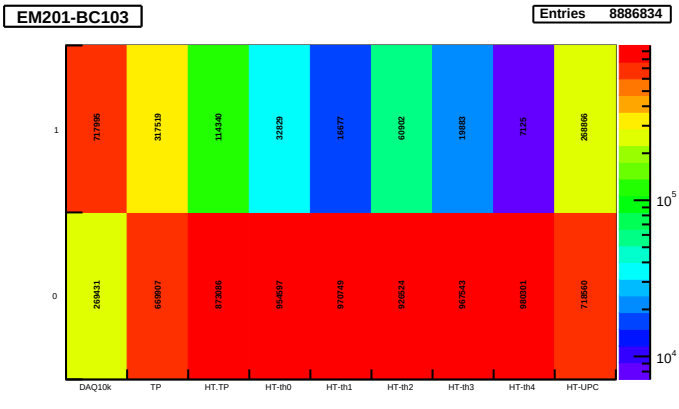

Endcap EMC L1 Input - HT-th1 Diff
Entries 34
EE101
EE102
channel

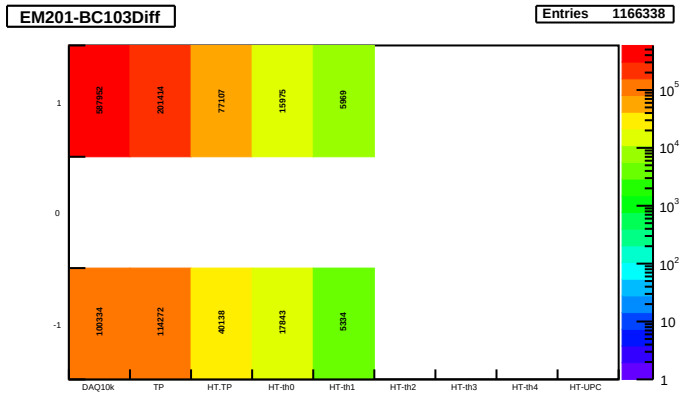

EM201-BC101
Entries 8886834
1
0
672282
366497
122954
36232
19531
69393
23005
8300
277280
315144
620929
864472
951194
967899
918033
964421
979126
710146
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4

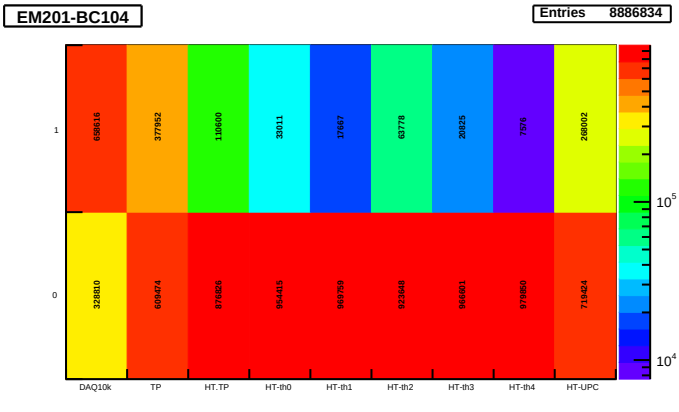

EM201-BC101Diff
Entries 1173572
1
0
-1
539513
240951
81735
16654
6432
103971
115984
39675
17864
5483
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

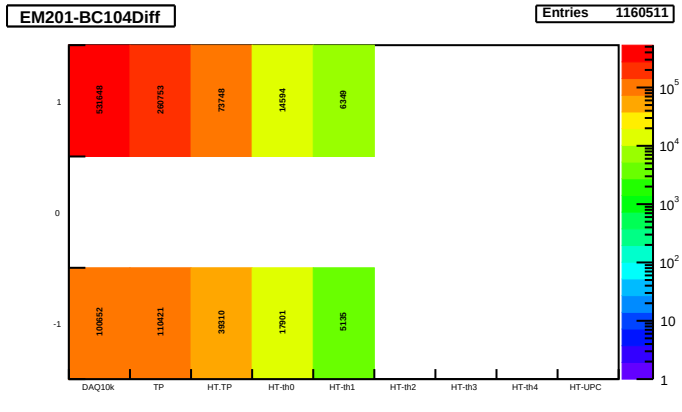

EM201-BC102
Entries 8886834
1
0
720211
315577
111125
31213
16583
66360
22095
7003
262406
267215
671849
876301
958213
970843
921166
965331
979618
724990
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC102Diff
Entries 1158894
1
0
-1
590984
200979
74932
14271
5610
97818
112537
38641
17972
5640
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

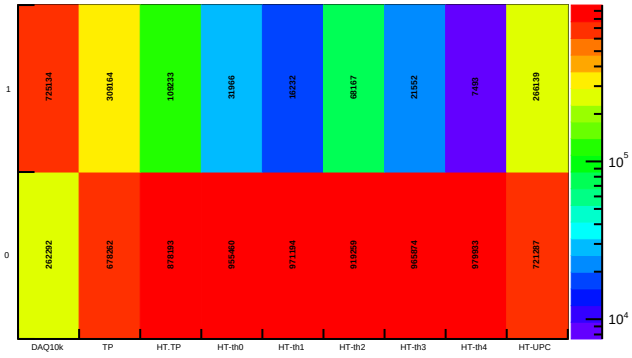

EM201-BC103
Entries 8886834
1
0
717995
317519
114340
32329
16577
60902
19883
7125
268866
269431
669007
873086
954597
970749
928524
967543
980001
718560
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC103Diff
Entries 1166338
1
0
-1
587952
201414
77107
15975
5969
100334
114272
40138
17843
5384
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

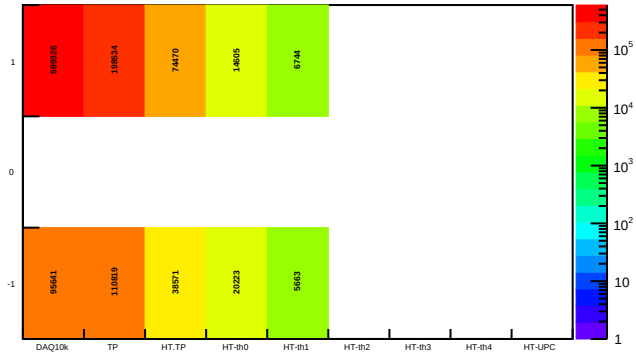

EM201-BC104
Entries 8886834
1
0
638616
377952
119600
33011
17667
63778
20825
7576
268002
328810
609474
876826
954415
969759
923648
966601
978950
719424
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC104Diff
Entries 1160511
1
0
-1
531648
260753
72748
14594
6349
100652
110421
39310
17901
5135
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

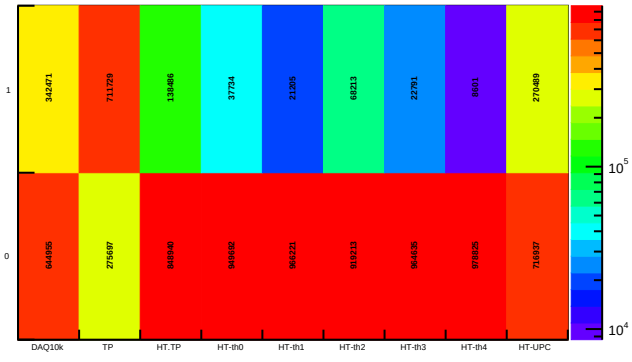
EM201-BC105 Entries 8886834



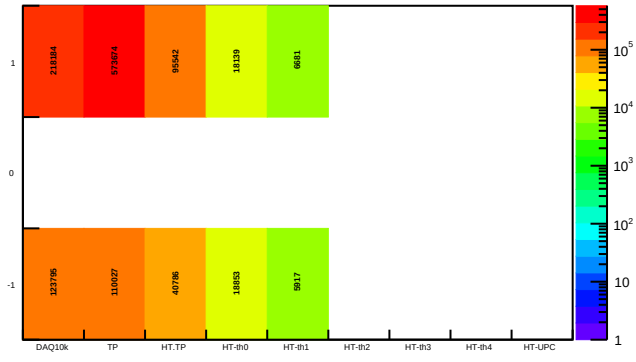
EM201-BC105Diff Entries 1164596



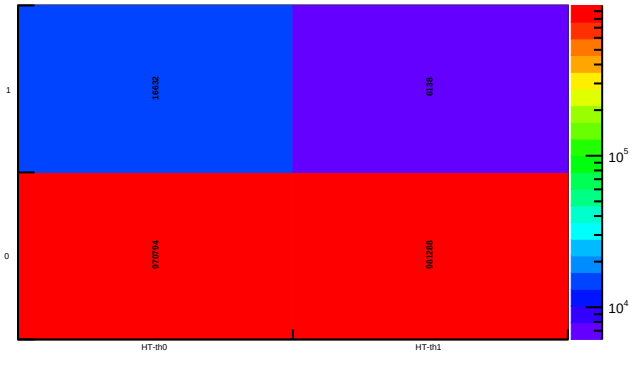
EM201-BC106 Entries 8886834



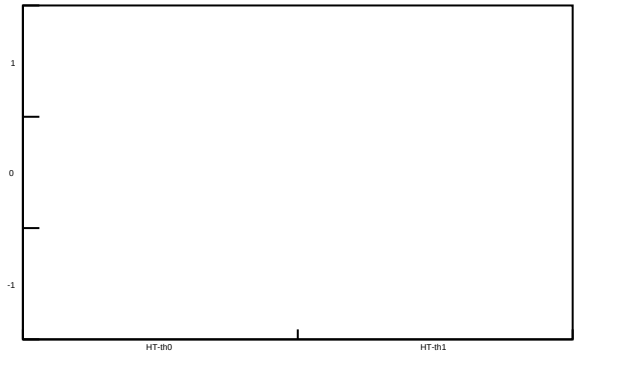
EM201-BC106Diff Entries 1211598



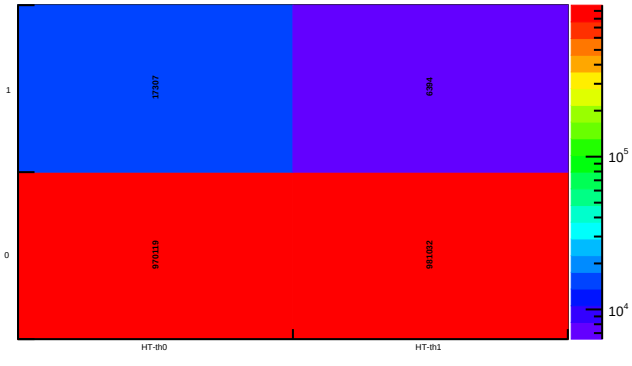
EM201-EE101 Entries 1974852



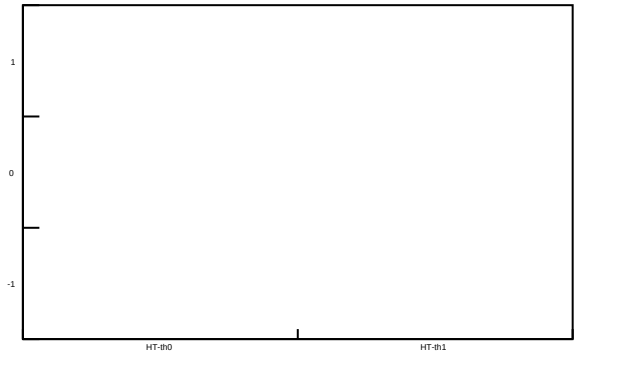
EM201-EE101Diff Entries 0

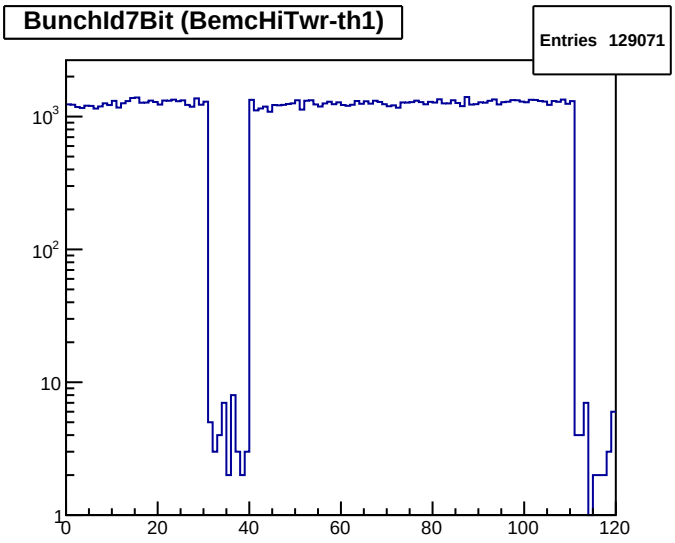


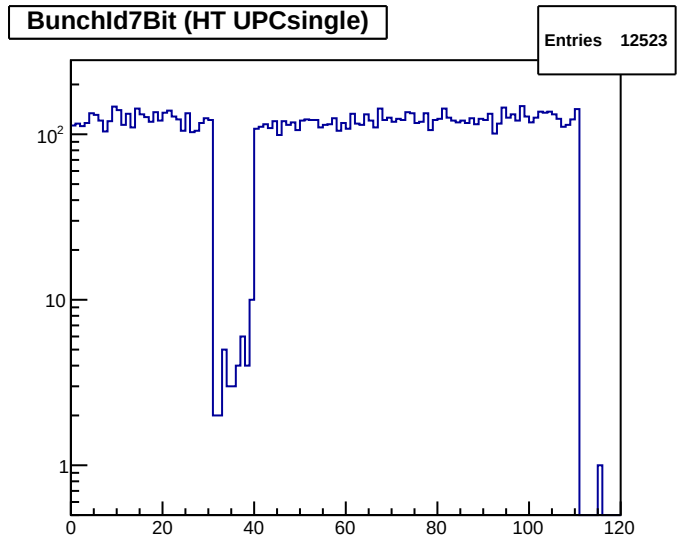
EM201-EE102 Entries 1974852

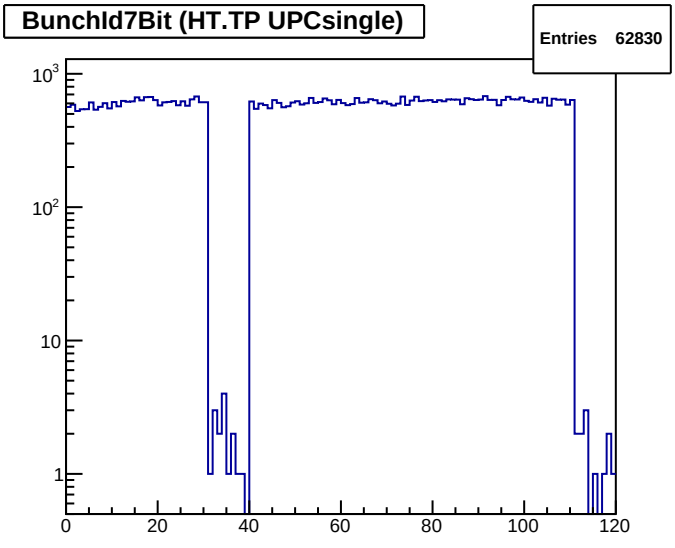


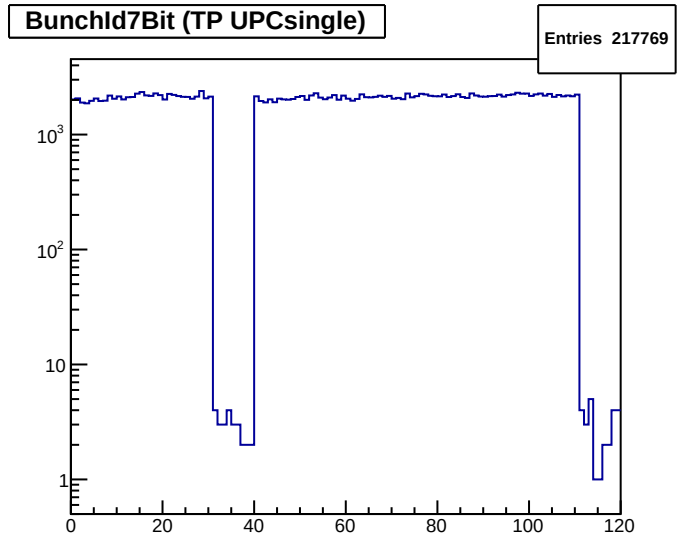
EM201-EE102Diff Entries 0

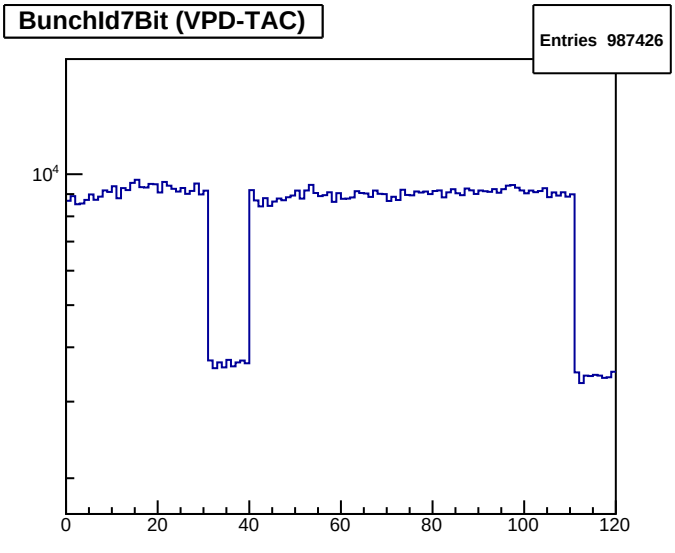


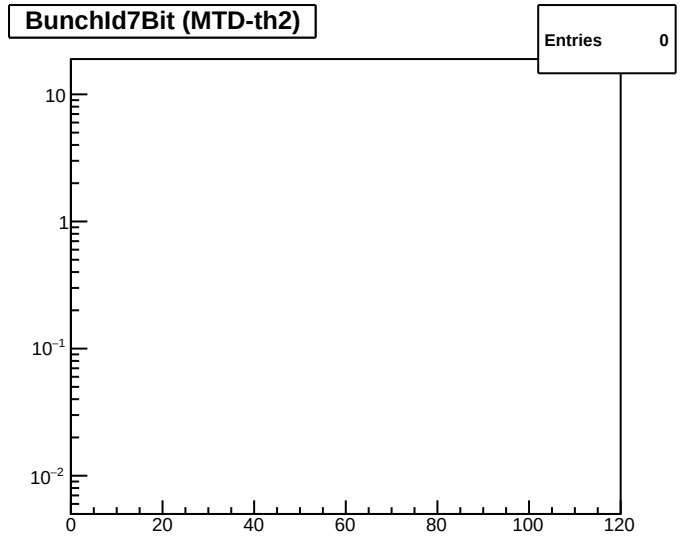

BunchId7Bit (BemcHiTwr-th1)
Entries 129071

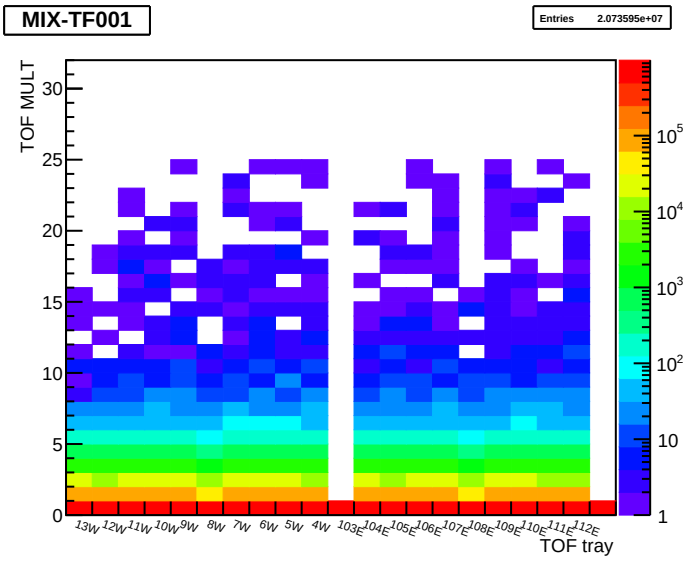

BunchId7Bit (HT UPCsingle)
Entries 12523

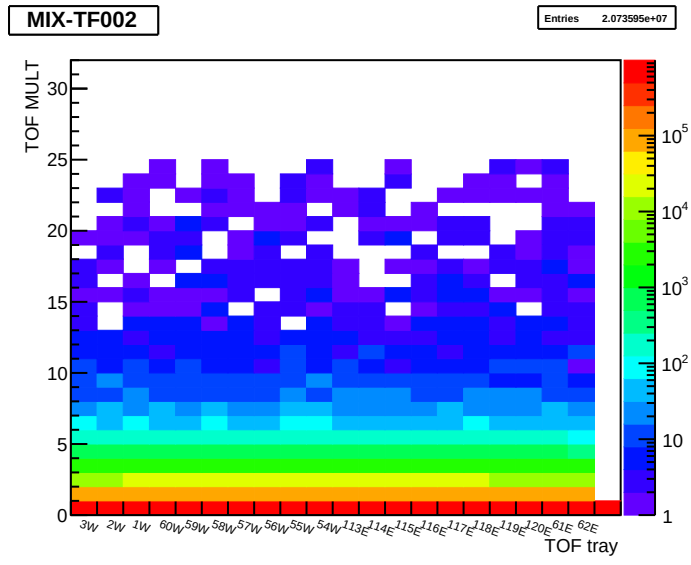

BunchId7Bit (HT.TP UPCsingle)
Entries 62830

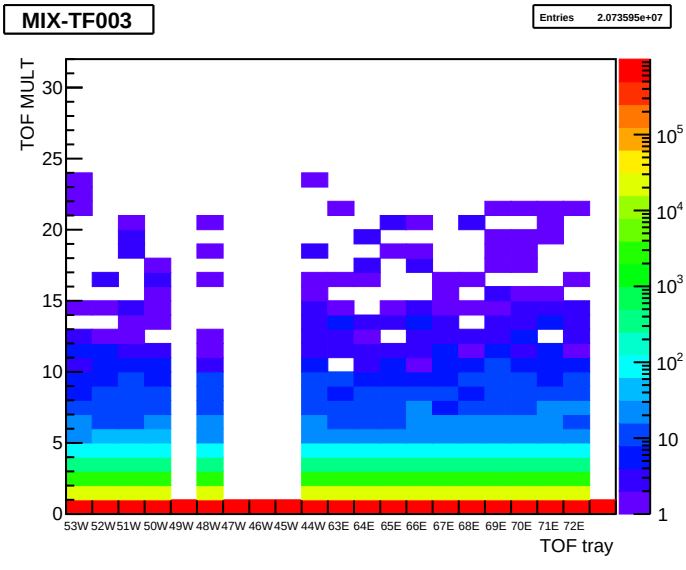

BunchId7Bit (TP UPCsingle)
Entries 217769

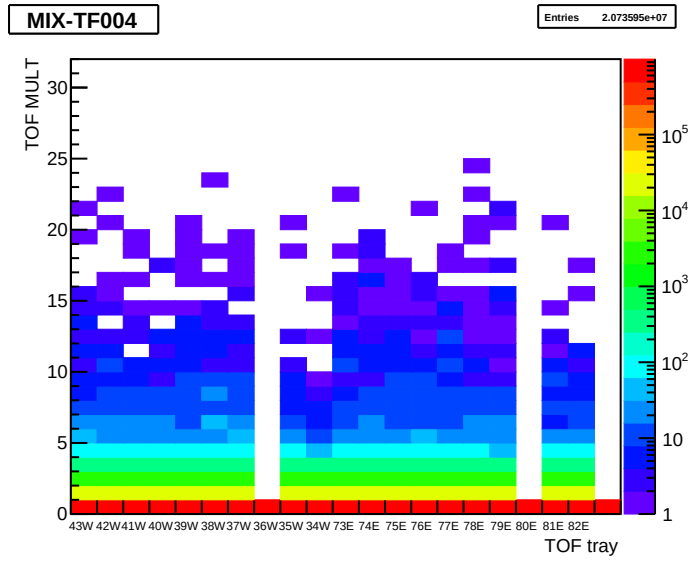

BunchId7Bit (VPD-TAC)
Entries 987426

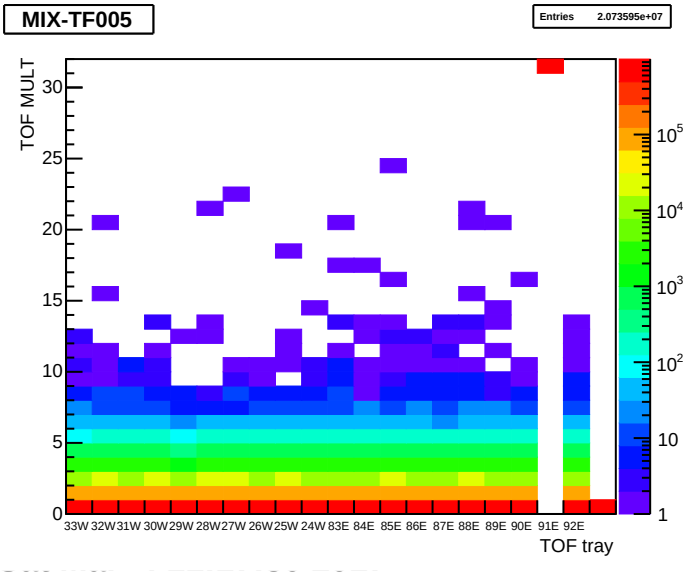

BunchId7Bit (MTD-th2)
Entries 0

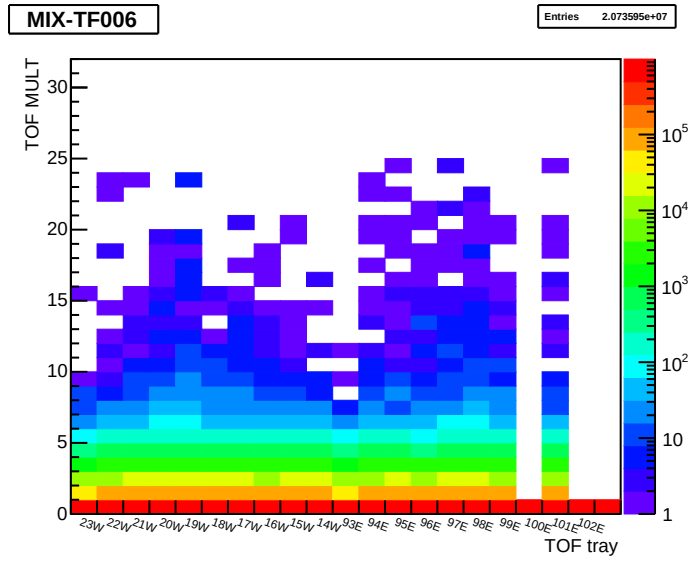

MIX-TF001
Entries 2.073595e+07
TOF MULT
TOF tray

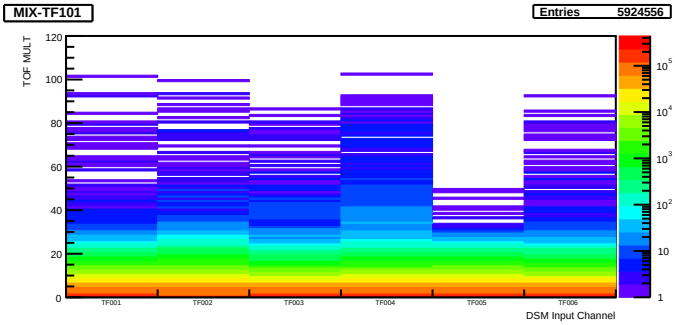

MIX-TF002
Entries 2.073595e+07
TOF MULT
TOF tray

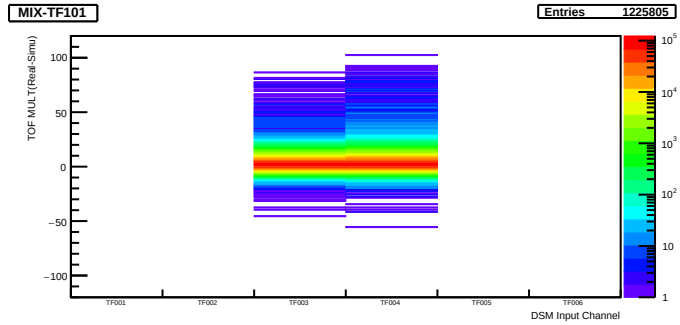

MIX-TF003
Entries 2.073595e+07
TOF MULT
TOF tray

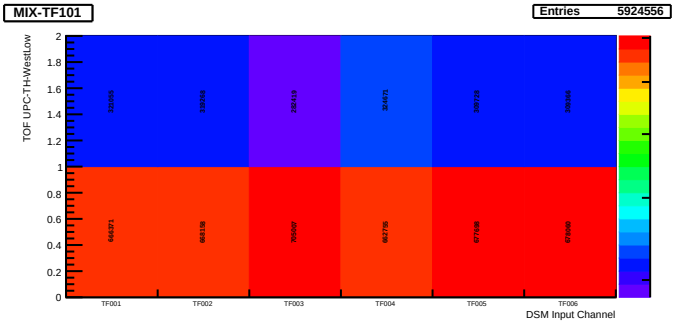

MIX-TF004
Entries 2.073595e+07
TOF MULT
TOF tray

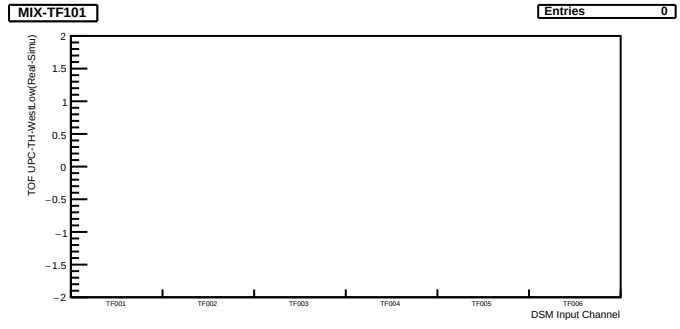

MIX-TF005
Entries 2.073595e+07
TOF MULT
TOF tray

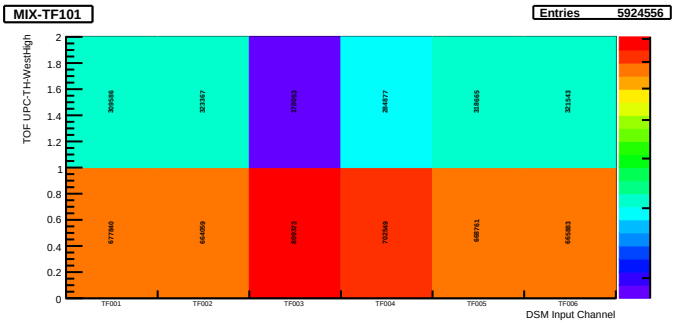

MIX-TF006
Entries 2.073595e+07
TOF MULT
TOF tray

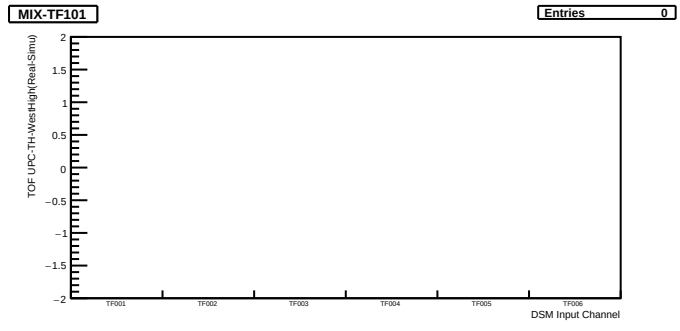

MIX-TF101
Entries 5924556
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

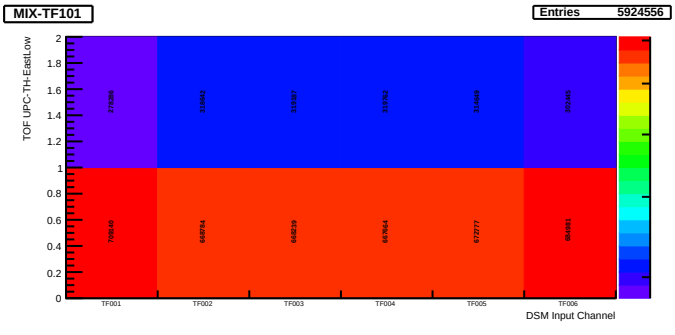

MIX-TF101
Entries 1225805
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

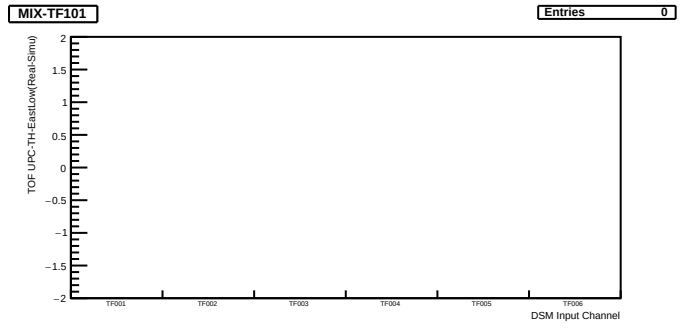

MIX-TF101
Entries 5924556
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

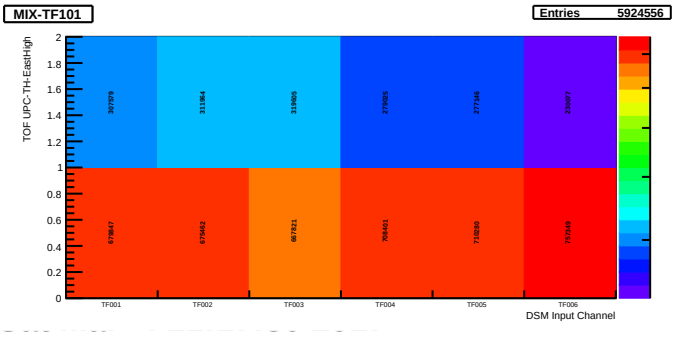

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

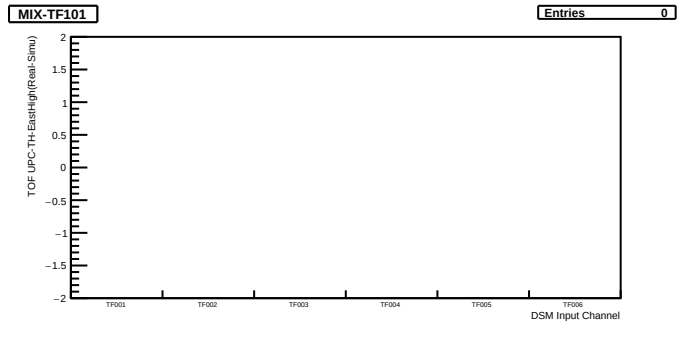

MIX-TF101
Entries 5924556
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

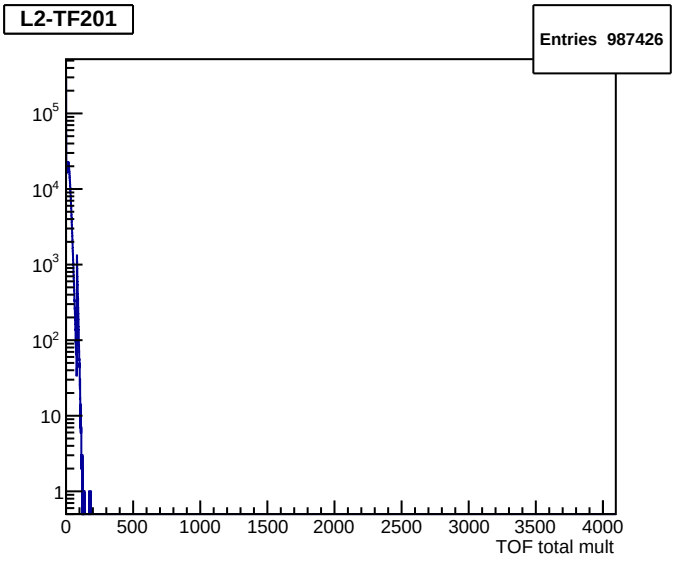

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

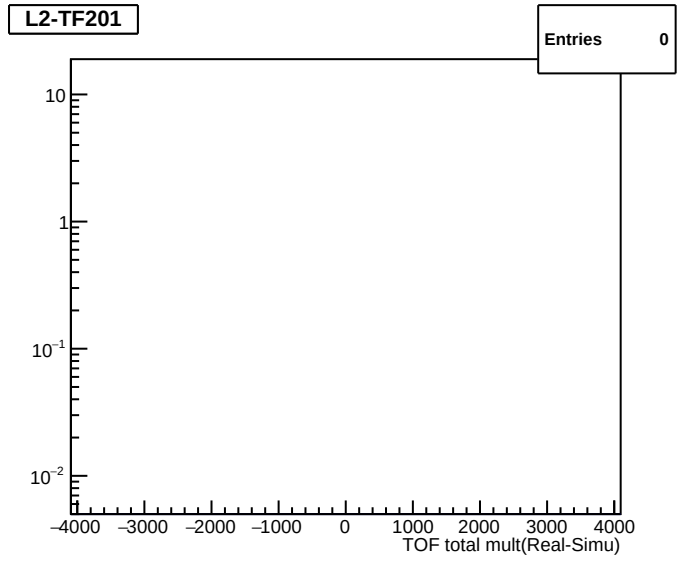

MIX-TF101
Entries 5924556
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

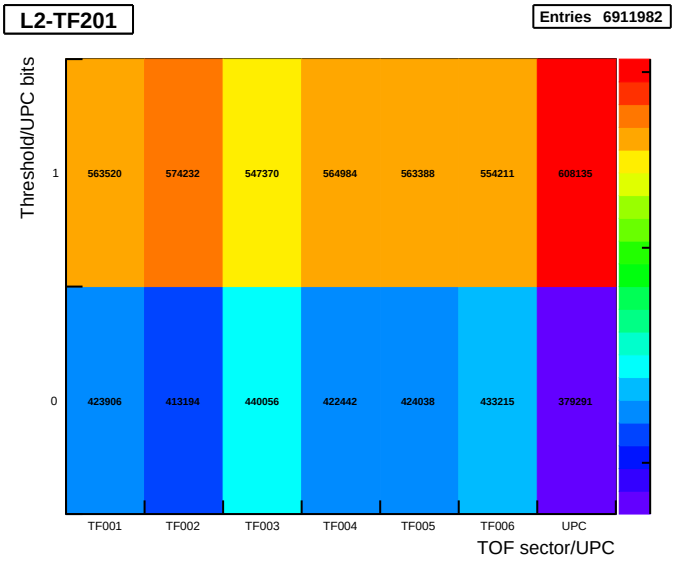

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

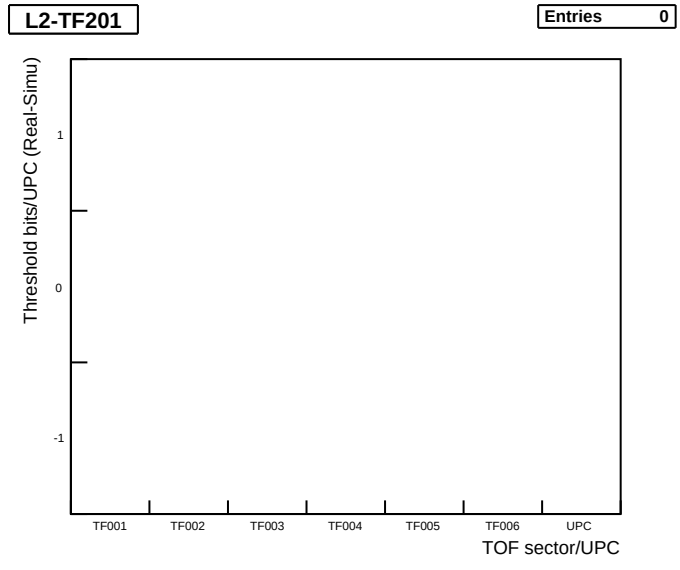

MIX-TF101
Entries 5924556
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

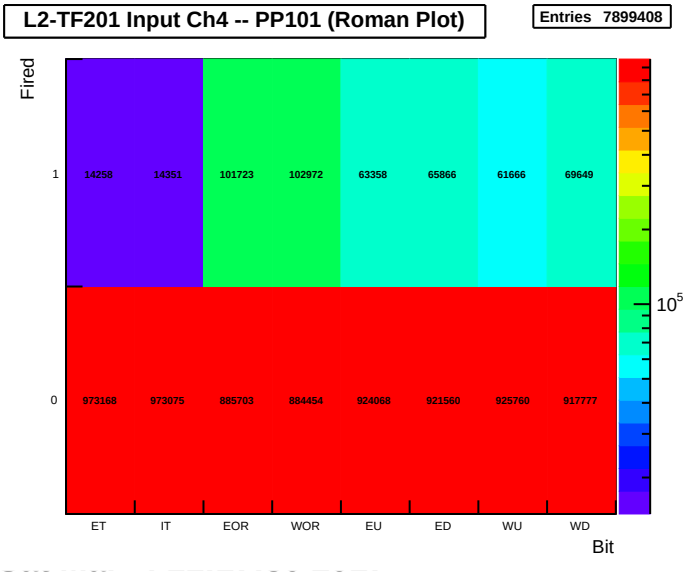

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

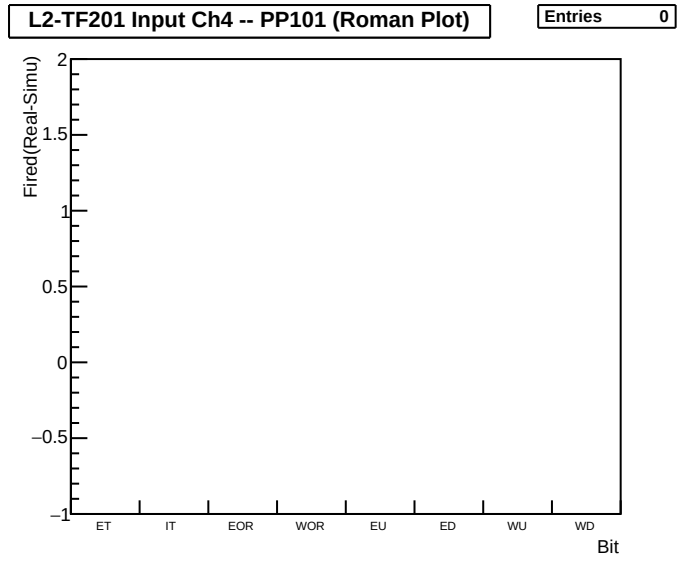

L2-TF201
Entries 987426
TOF total mult

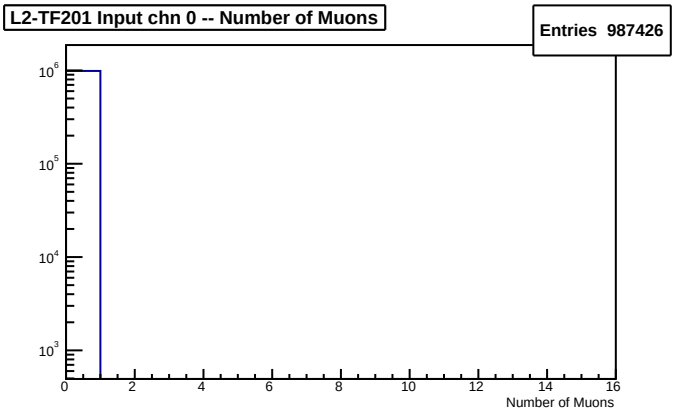

L2-TF201
Entries 0
TOF total mult(Real-Simu)

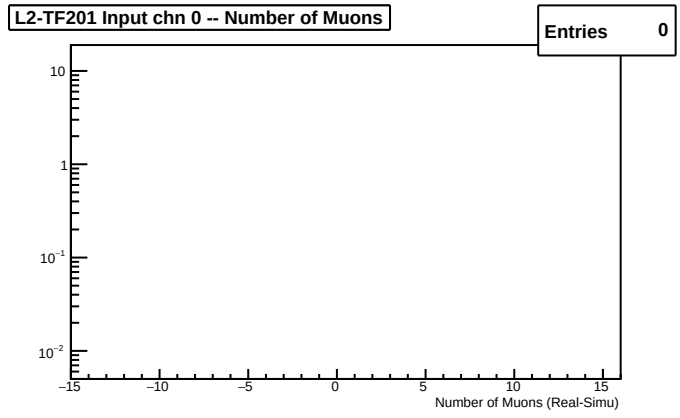

L2-TF201
Entries 6911982
Threshold/UPC bits
563520
574232
547370
564984
563388
554211
608135
423906
413194
440056
422442
424038
433215
379291
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

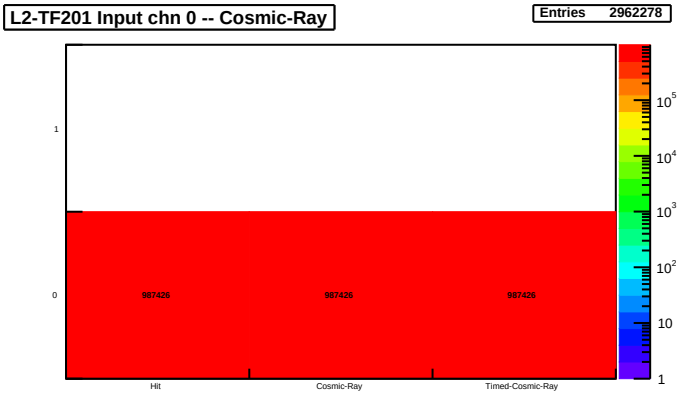

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

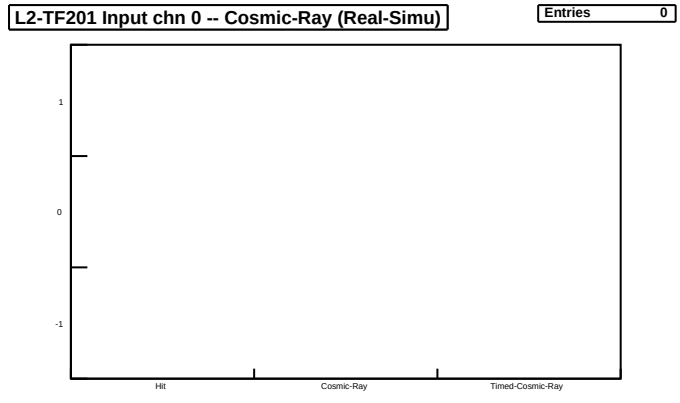

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 7899408
Fired
14258
14351
101723
102972
63358
65866
61666
69649
973168
973075
885703
884454
924068
921560
925760
917777
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

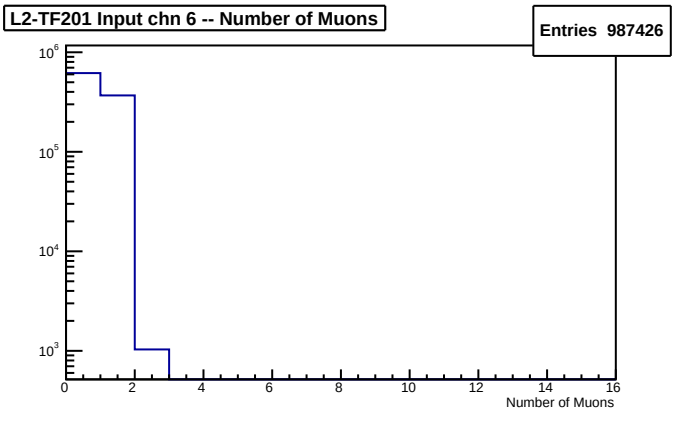

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

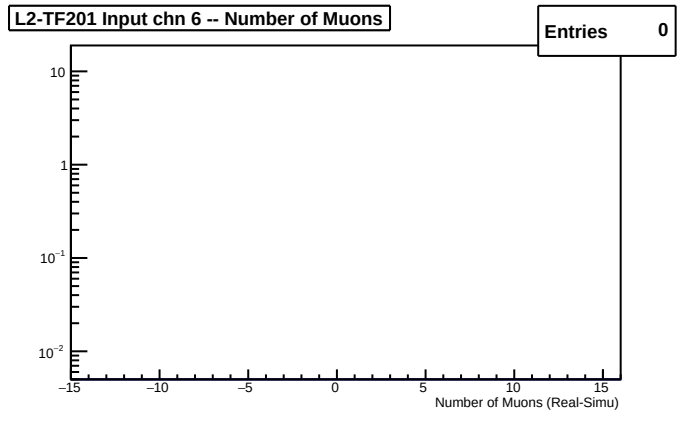

L2-TF201 Input chn 0 -- Number of Muons
Entries 987426
Number of Muons

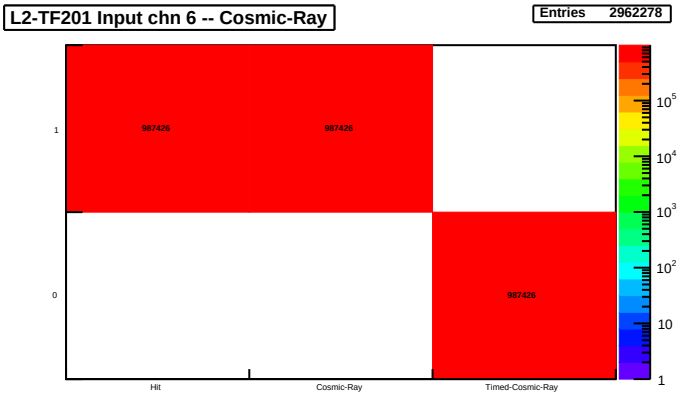

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

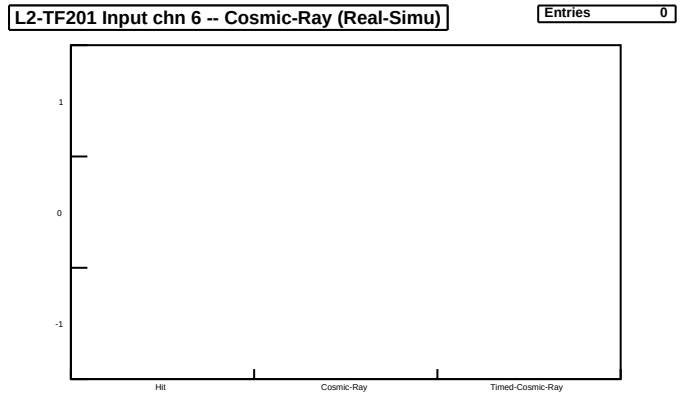

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2962278
987426
987426
987426
Hit
Cosmic-Ray
Timed-Cosmic-Ray

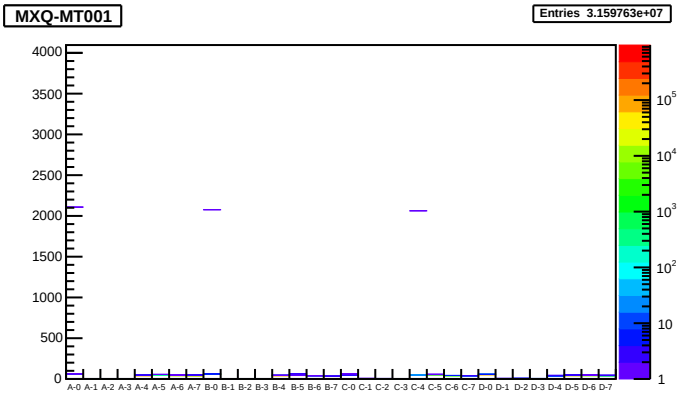

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

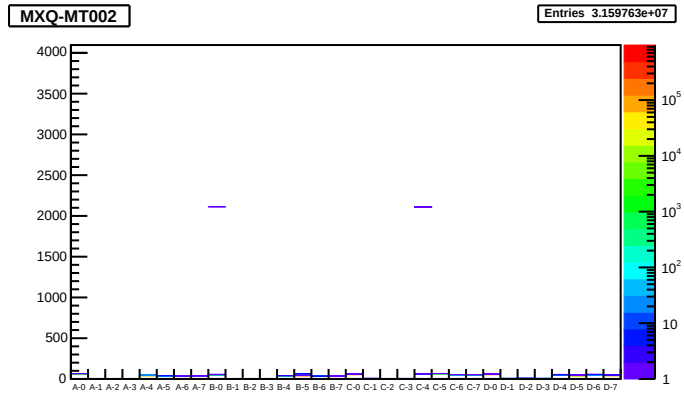

L2-TF201 Input chn 6 -- Number of Muons
Entries 987426
Number of Muons

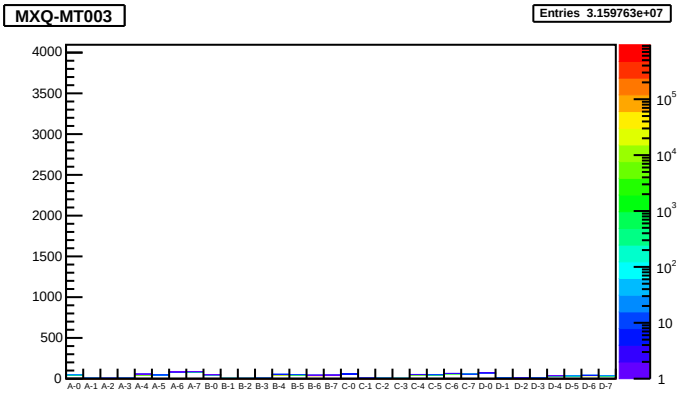

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

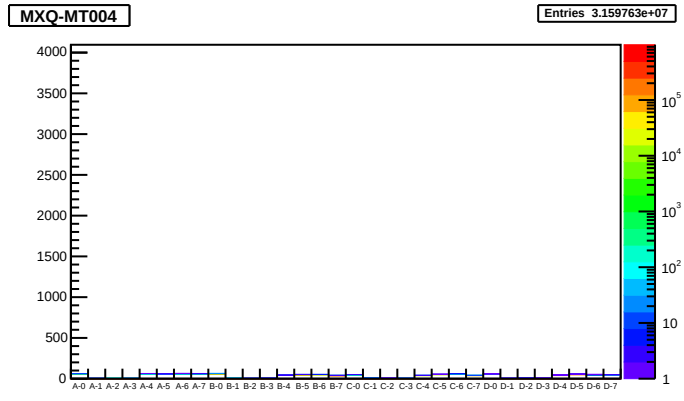

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 2962278
987426
987426
987426
Hit
Cosmic-Ray
Timed-Cosmic-Ray

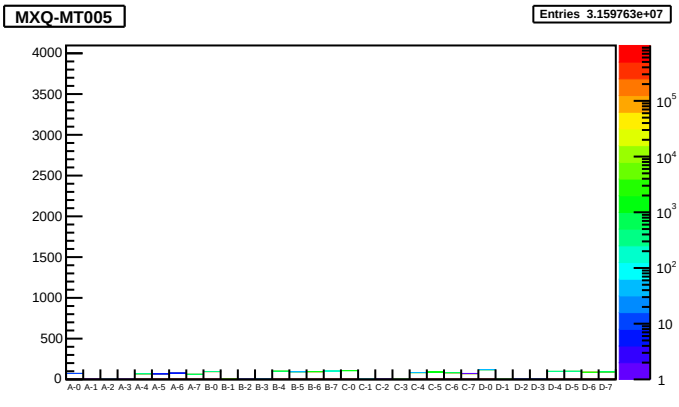

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

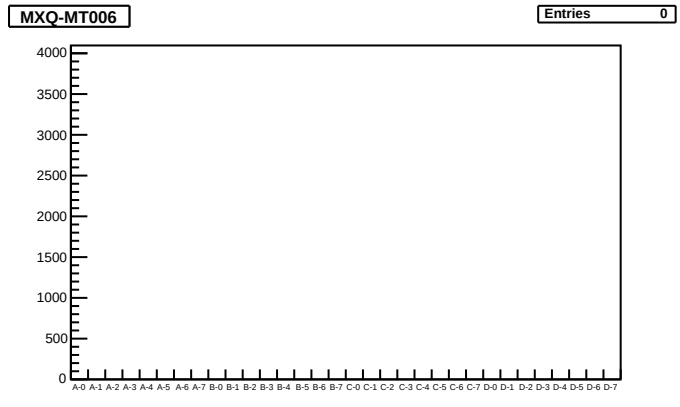

MXQ-MT001
Entries 3.159763e+07

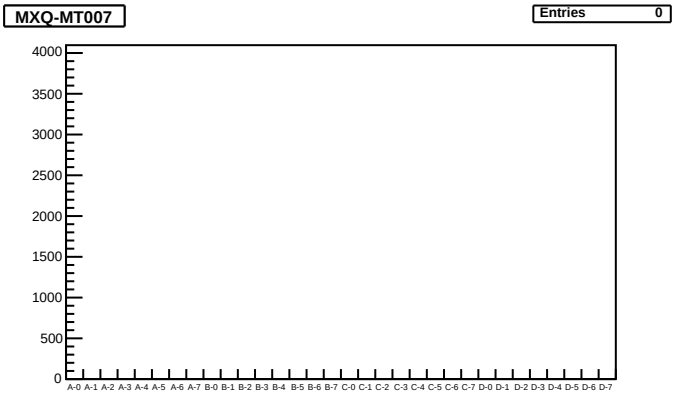

MXQ-MT002
Entries 3.159763e+07

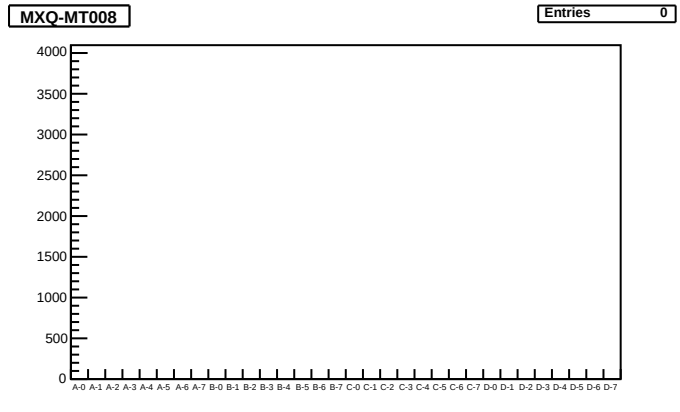

MXQ-MT003
Entries 3.159763e+07

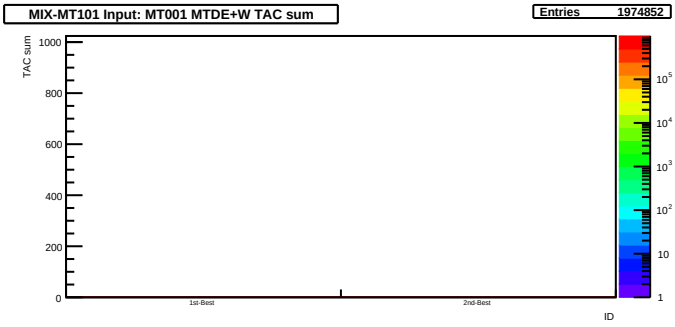

MXQ-MT004
Entries 3.159763e+07

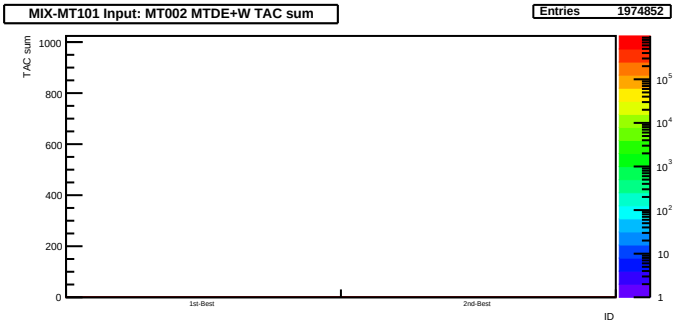

MXQ-MT005
Entries 3.159763e+07

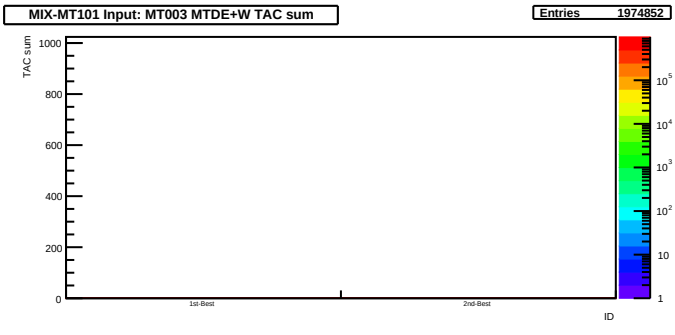

MXQ-MT006
Entries 0

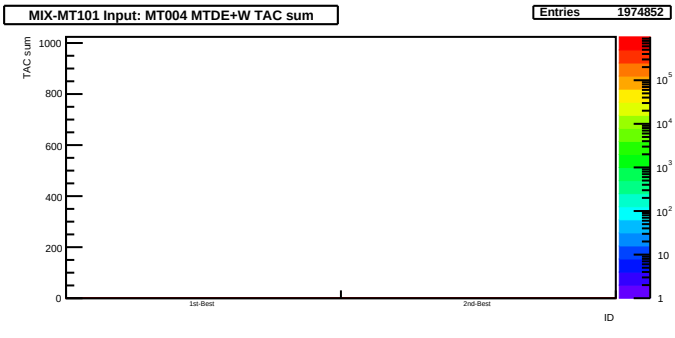

MXQ-MT007
Entries 0

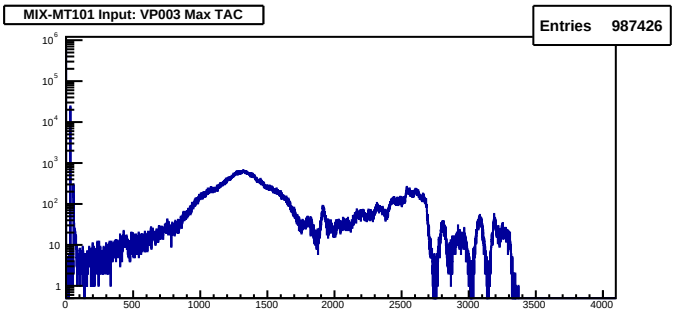

MXQ-MT008
Entries 0

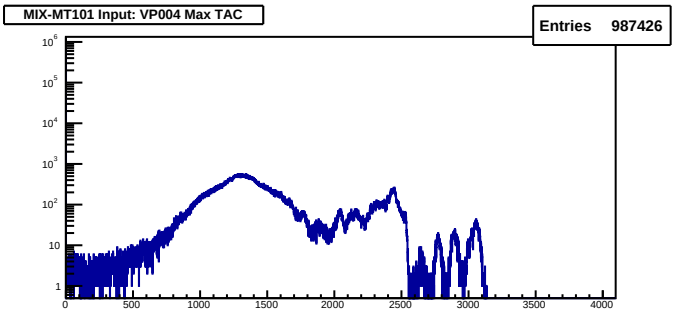

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1974852
TAC sum
1st-Best
2nd-Best
ID

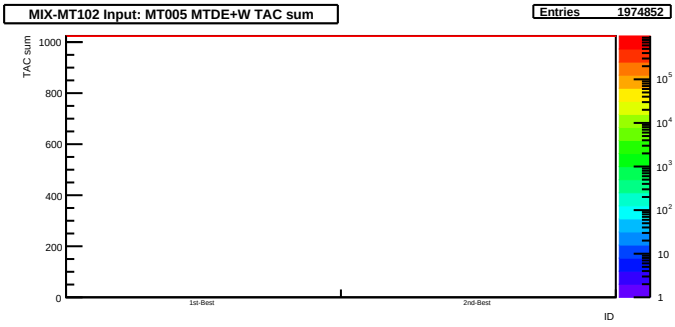

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1974852
TAC sum
1st-Best
2nd-Best
ID

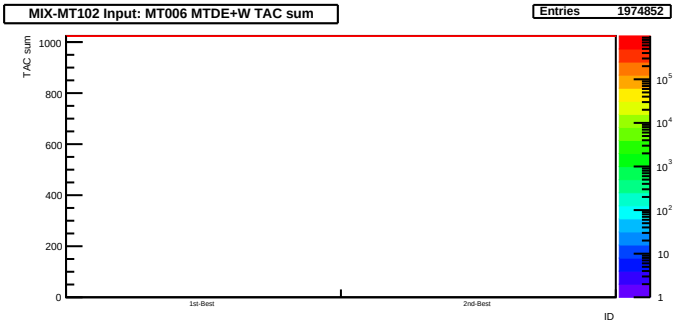

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1974852
TAC sum
1st-Best
2nd-Best
ID

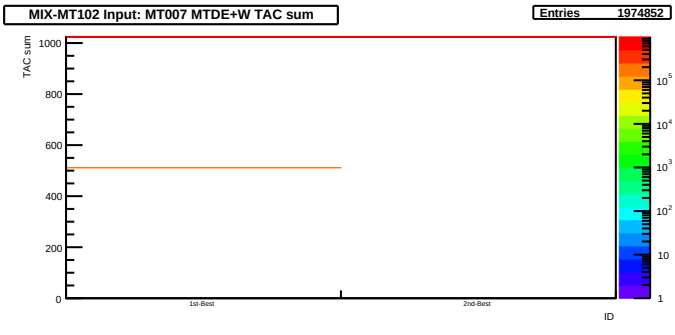

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1974852
TAC sum
1st-Best
2nd-Best
ID

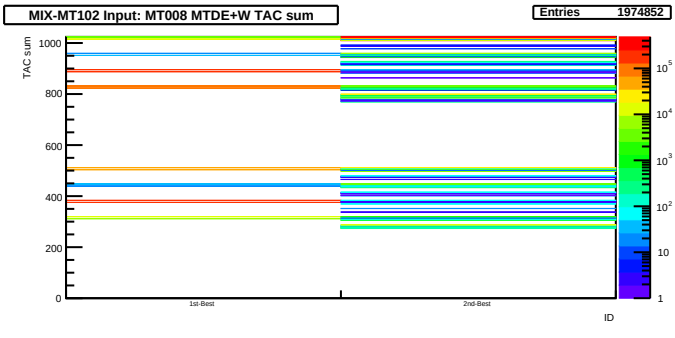

MIX-MT101 Input: VP003 Max TAC
Entries 987426

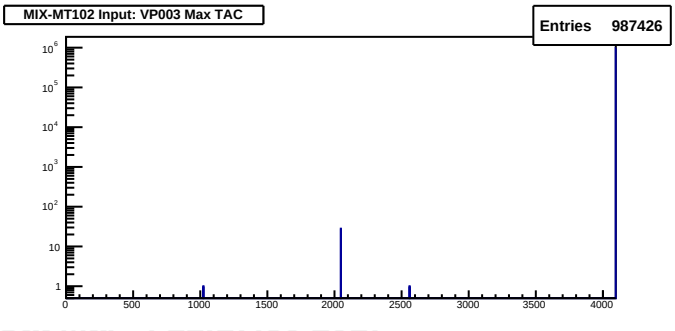

MIX-MT101 Input: VP004 Max TAC
Entries 987426

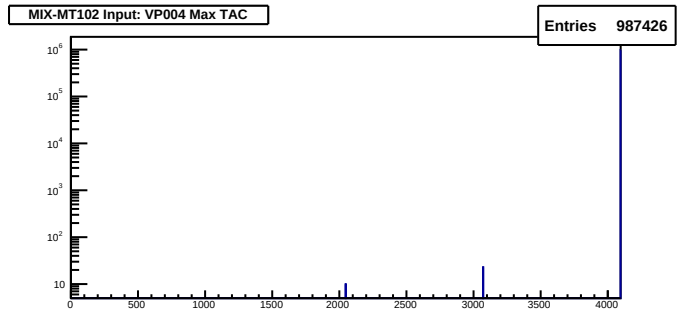

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1974852
TAC sum
1st-Best
2nd-Best
ID

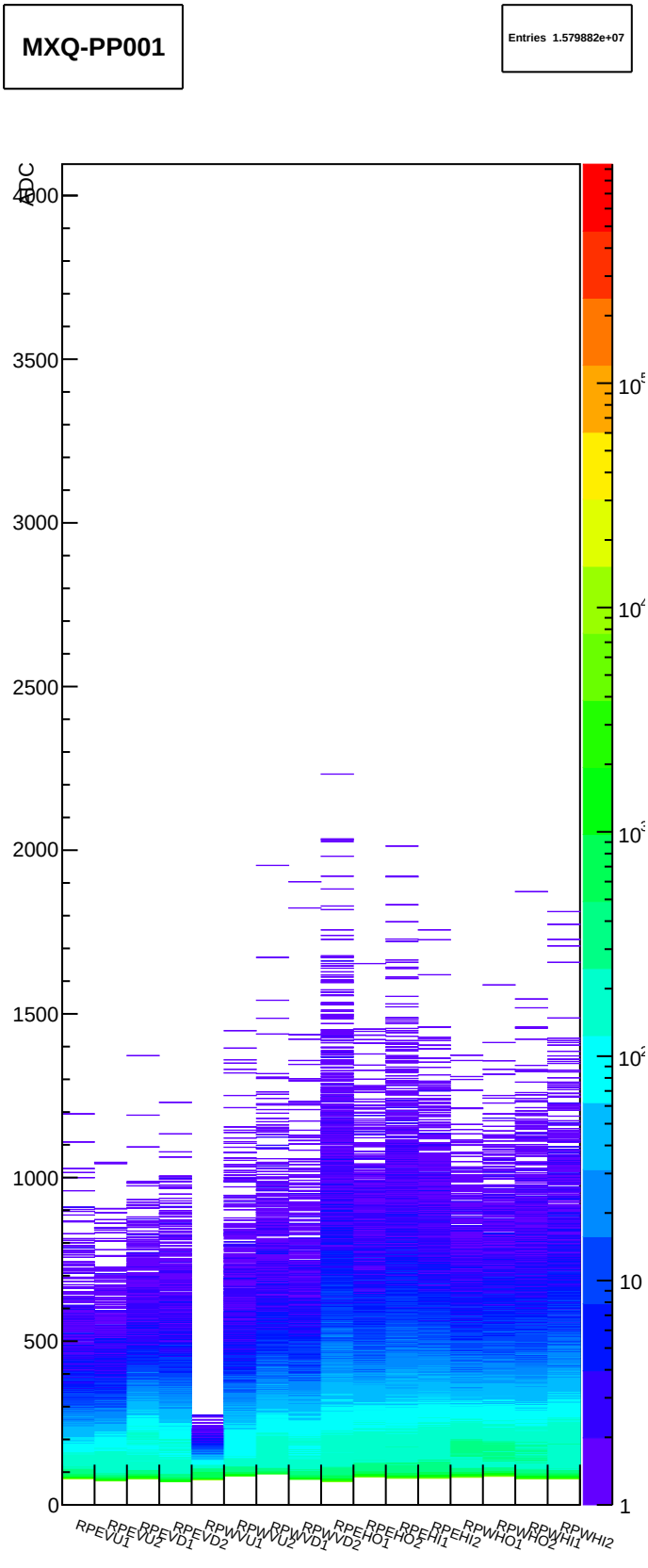

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1974852
TAC sum
1st-Best
2nd-Best
ID

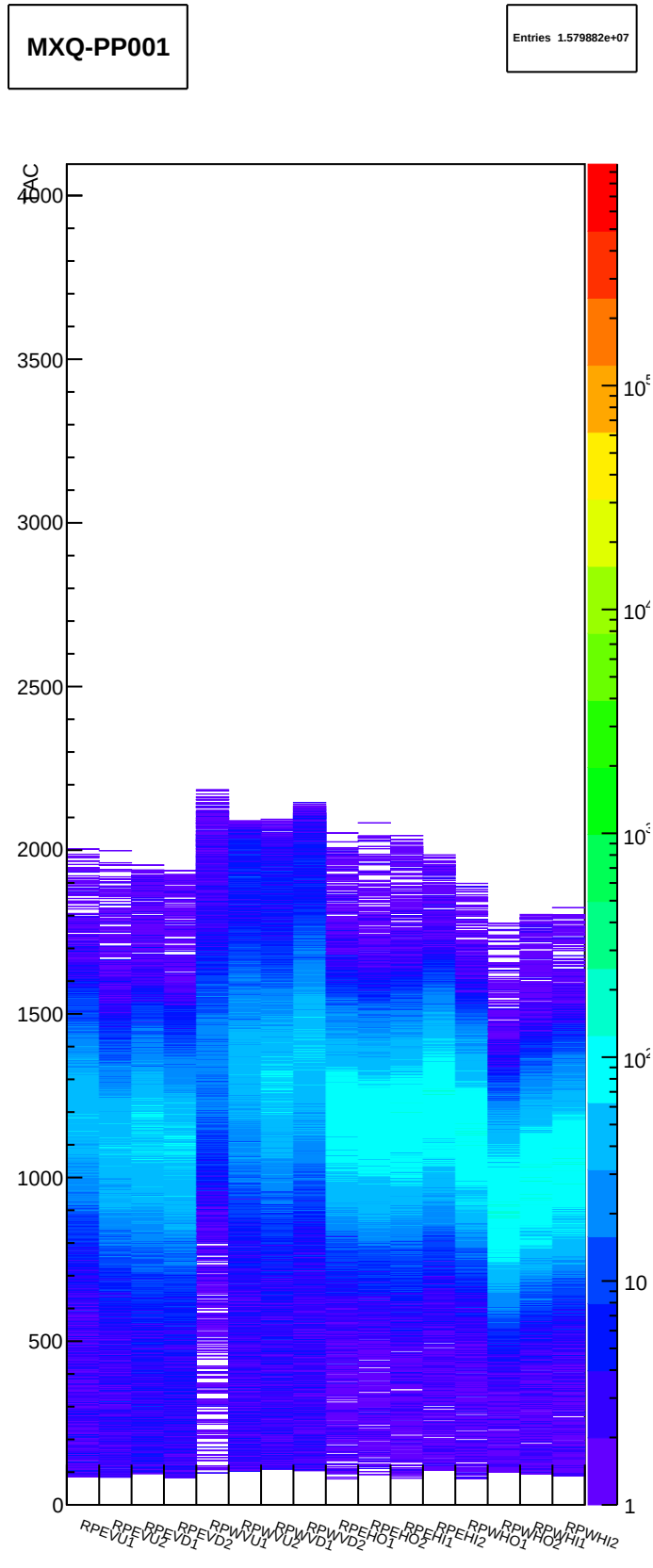

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1974852
TAC sum
1st-Best
2nd-Best
ID

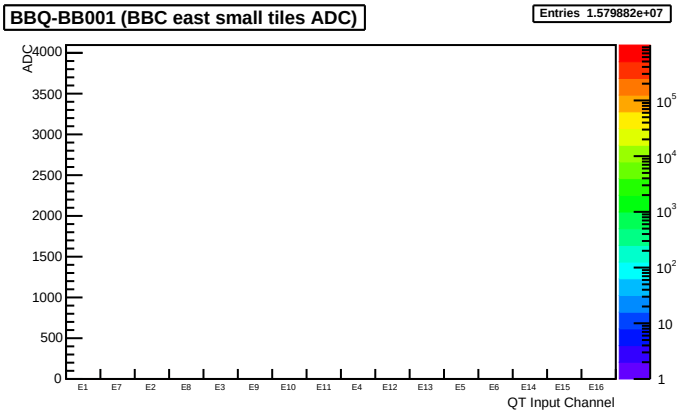

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1974852
TAC sum
1st-Best
2nd-Best
ID

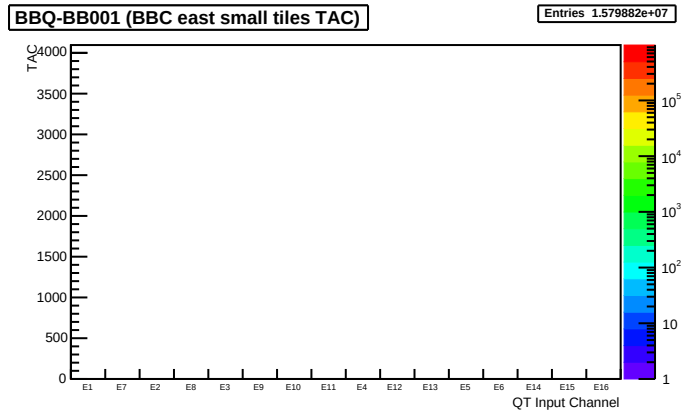

MIX-MT102 Input: VP003 Max TAC
Entries 987426

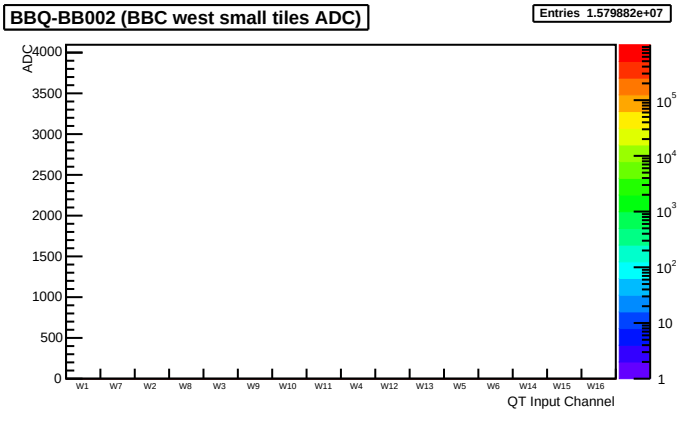

MIX-MT102 Input: VP004 Max TAC
Entries 987426

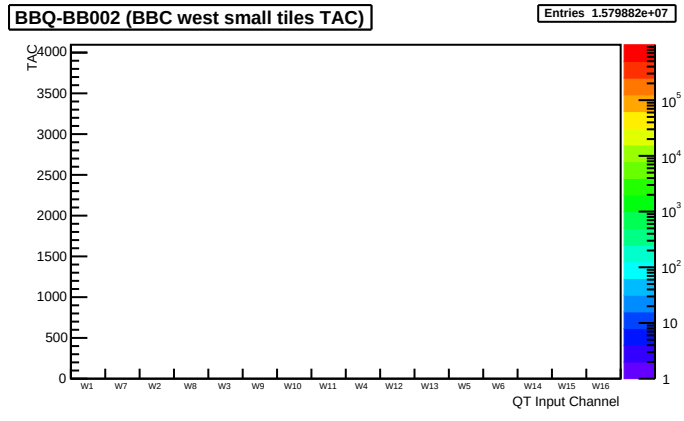

MXQ-PP001
Entries 1.579882e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

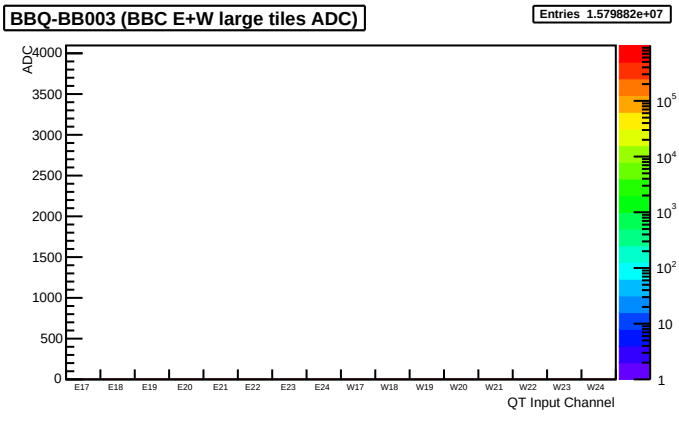

MXQ-PP001
Entries 1.579882e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

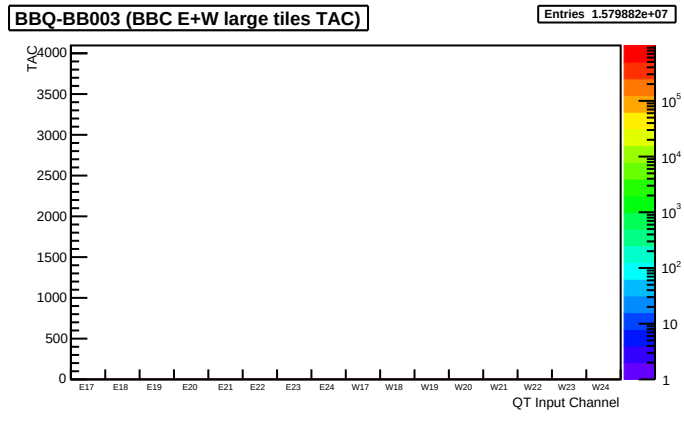

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.579882e+07
ADC
QT Input Channel

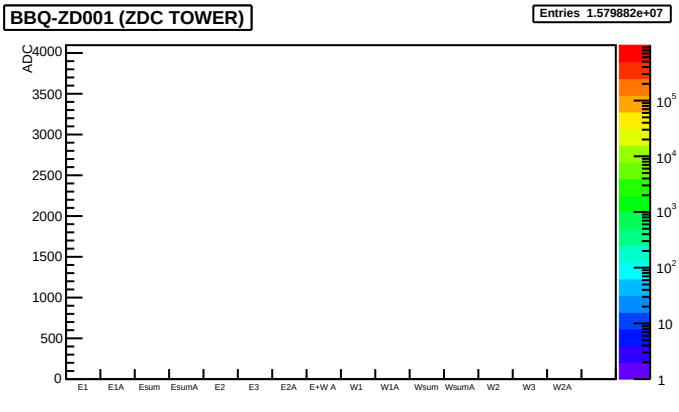

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.579882e+07
TAC
QT Input Channel

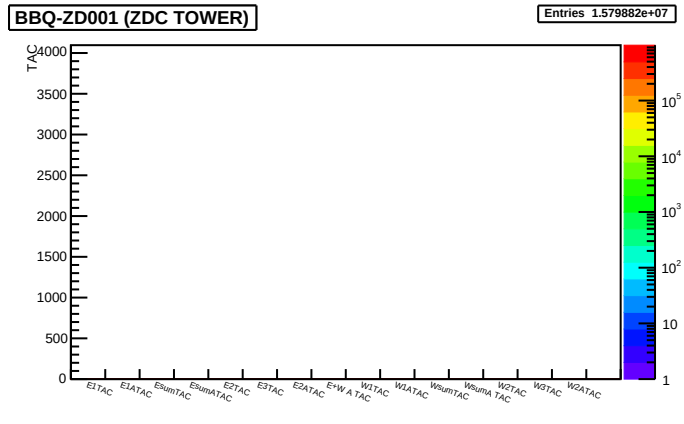

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.579882e+07
ADC
QT Input Channel

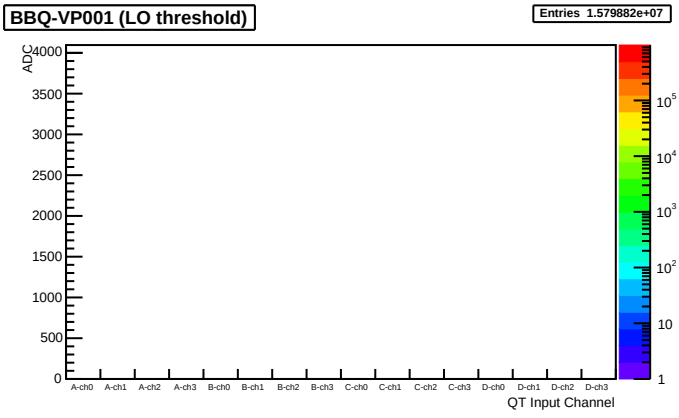

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.579882e+07
TAC
QT Input Channel

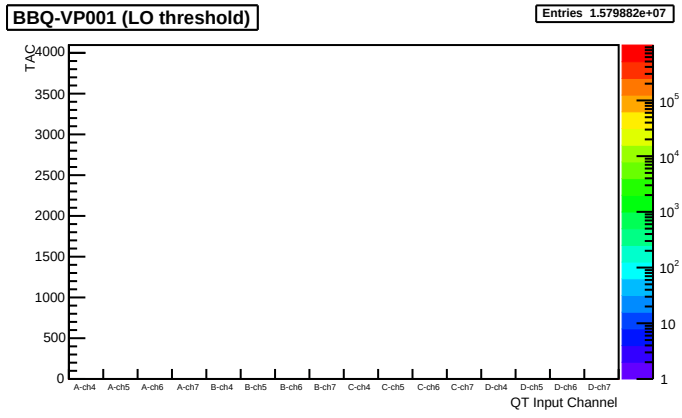

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.579882e+07
ADC
QT Input Channel

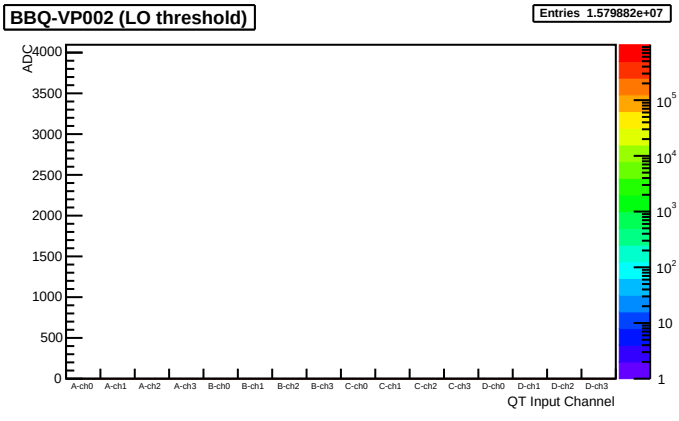

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.579882e+07
TAC
QT Input Channel

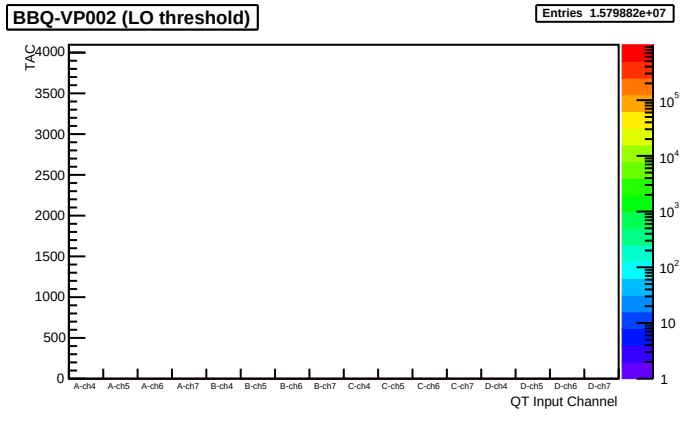

BBQ-ZD001 (ZDC TOWER)
Entries 1.579882e+07
ADC

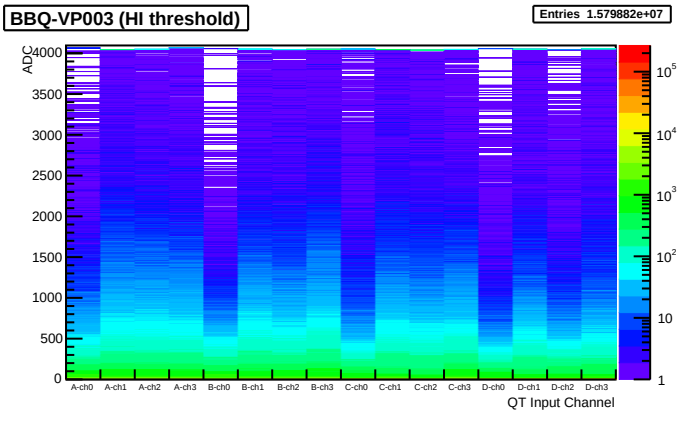

BBQ-ZD001 (ZDC TOWER)
Entries 1.579882e+07
TAC

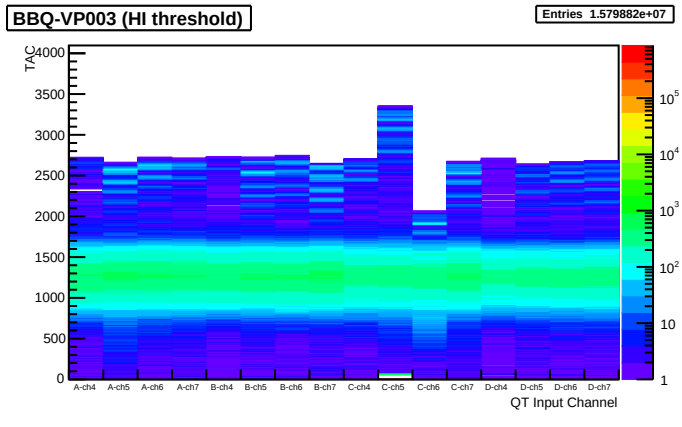

BBQ-VP001 (LO threshold)
Entries 1.579882e+07
ADC
QT Input Channel

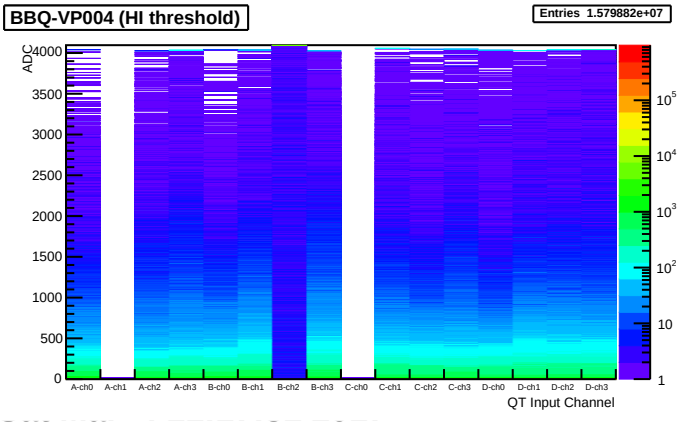

BBQ-VP001 (LO threshold)
Entries 1.579882e+07
TAC
QT Input Channel

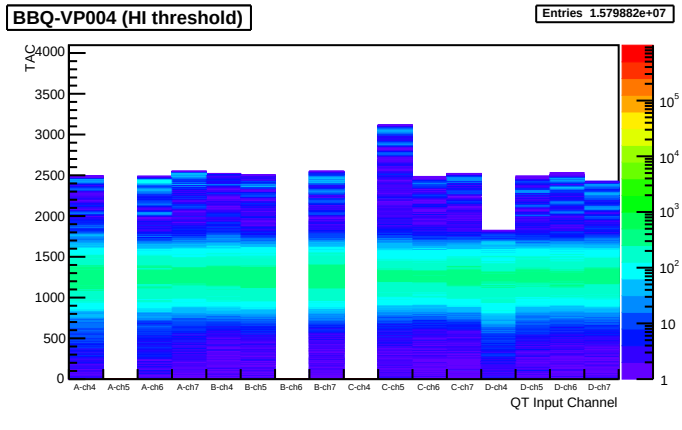

BBQ-VP002 (LO threshold)
Entries 1.579882e+07
ADC
QT Input Channel

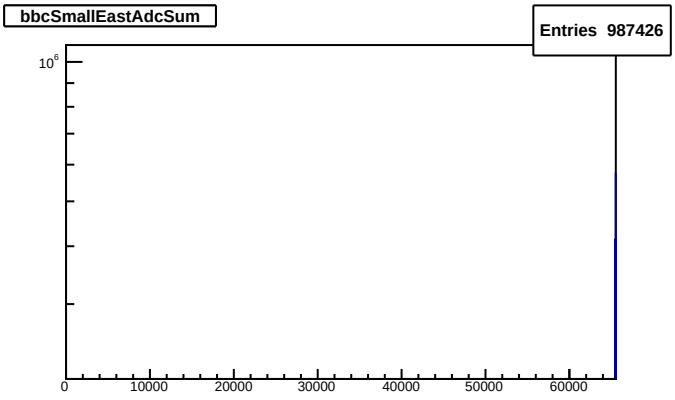

BBQ-VP002 (LO threshold)
Entries 1.579882e+07
TAC
QT Input Channel

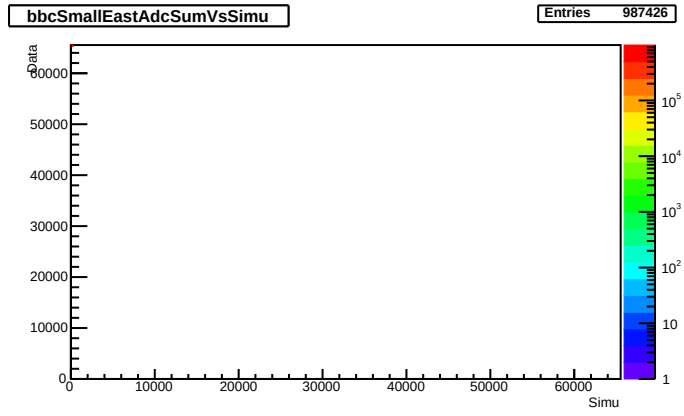

BBQ-VP003 (HI threshold)
Entries 1.579882e+07
ADC
QT Input Channel

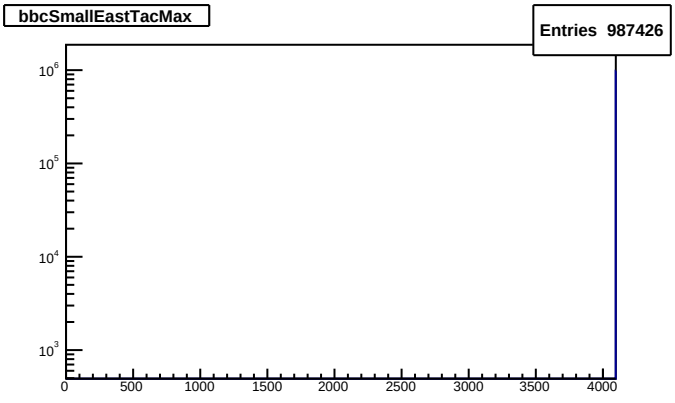

BBQ-VP003 (HI threshold)
Entries 1.579882e+07
TAC
QT Input Channel

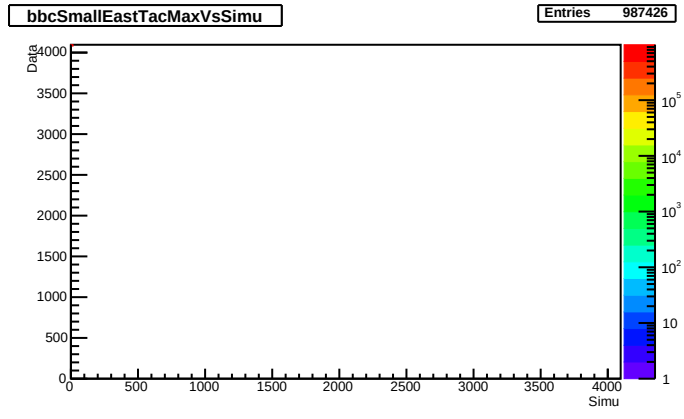

BBQ-VP004 (HI threshold)
Entries 1.579882e+07
ADC
QT Input Channel

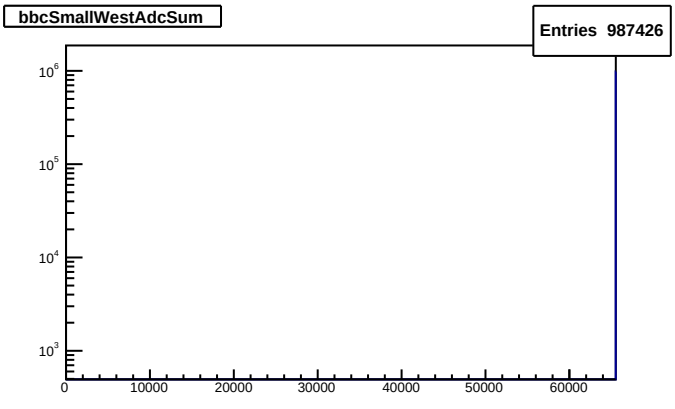

BBQ-VP004 (HI threshold)
Entries 1.579882e+07
TAC
QT Input Channel

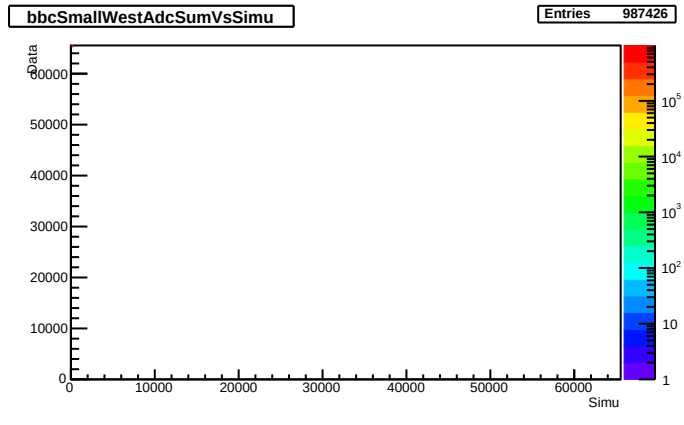

bbcSmallEastAdcSum
Entries 987426

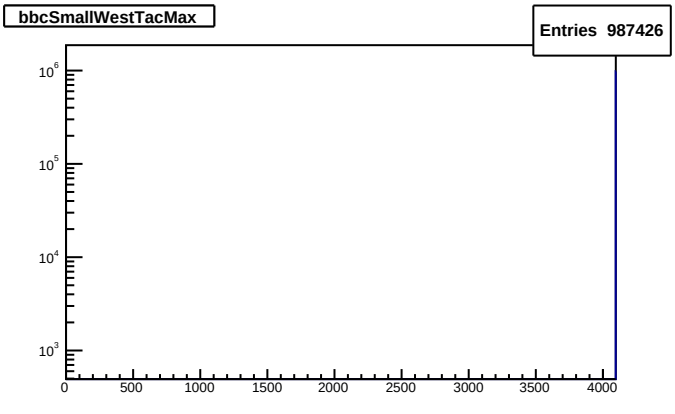

bbcSmallEastAdcSumVsSimu
Entries 987426
Data
Simu

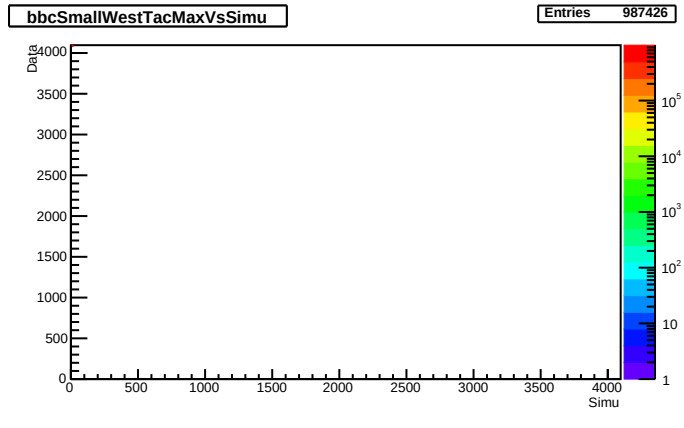

bbcSmallEastTacMax
Entries 987426

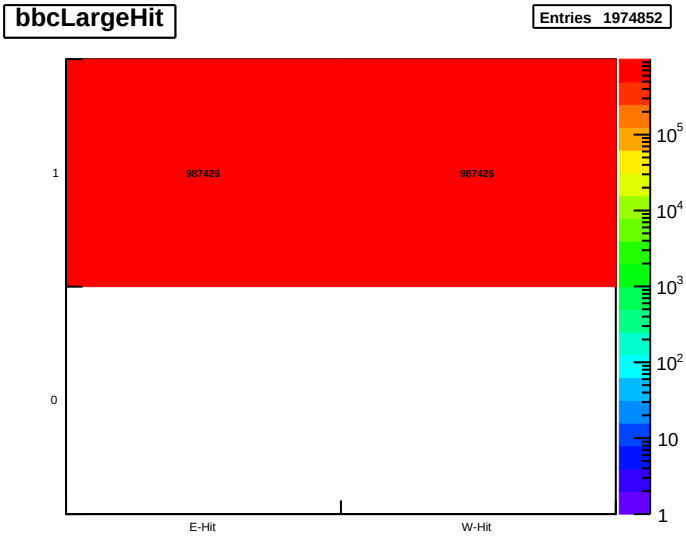

bbcSmallEastTacMaxVsSimu
Entries 987426
Data
Simu

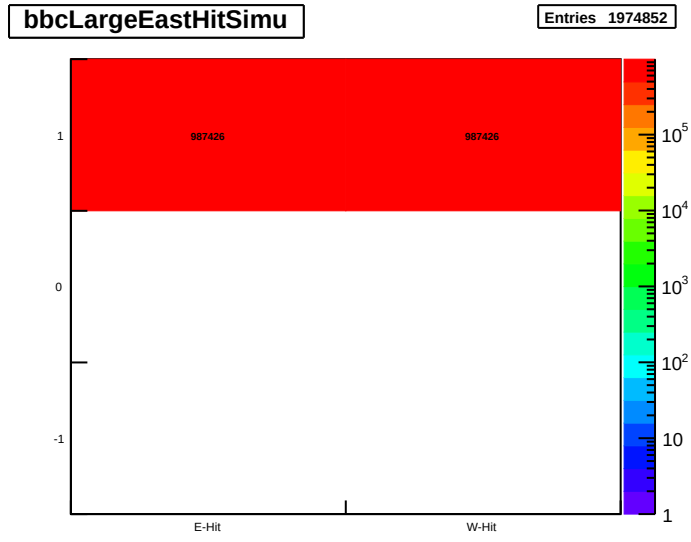

bbcSmallWestAdcSum
Entries 987426

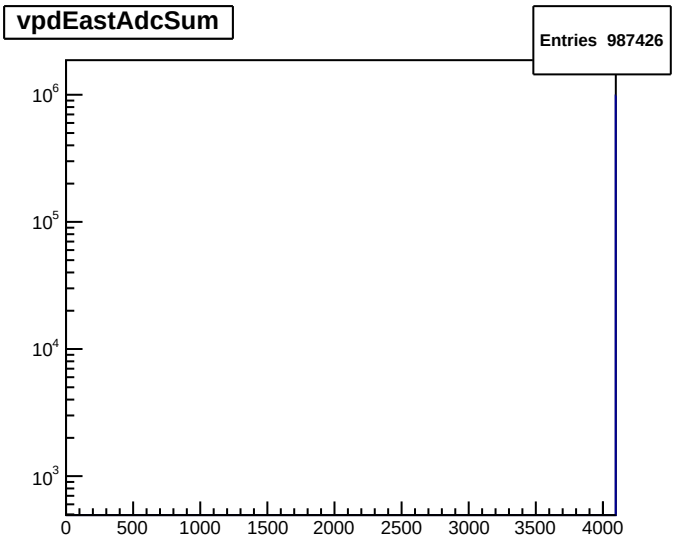

bbcSmallWestAdcSumVsSimu
Entries 987426
Data
Simu

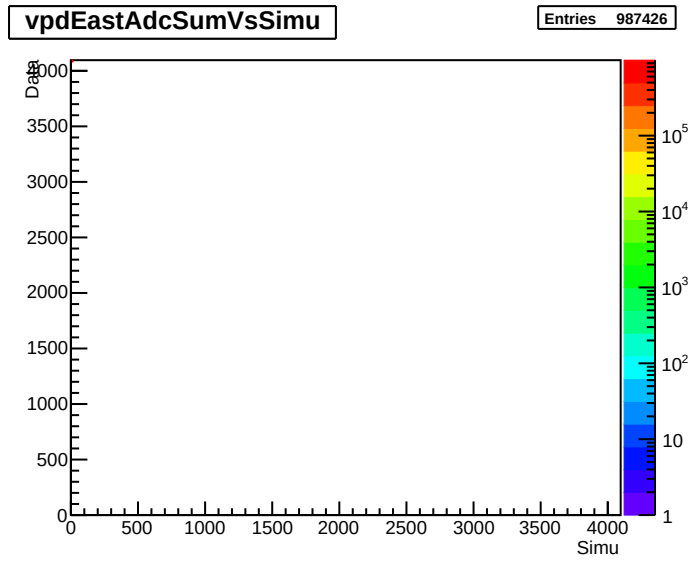

bbcSmallWestTacMax
Entries 987426

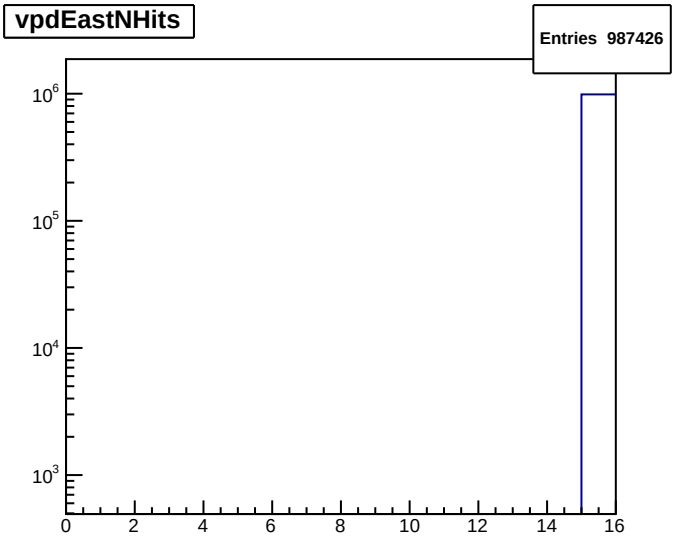

bbcSmallWestTacMaxVsSimu
Entries 987426
Data
Simu

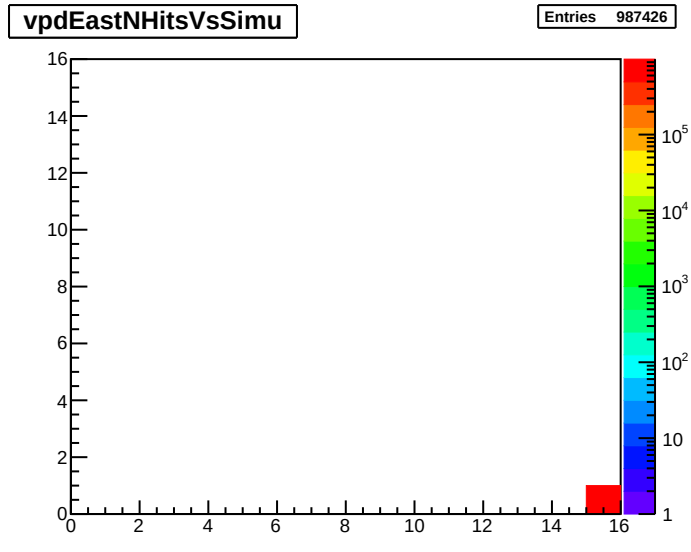

bbcLargeHit
Entries 1974852
987426
987426
1
0
E-Hit
W-Hit
10^5
10^4
10^3
10^2
10
1

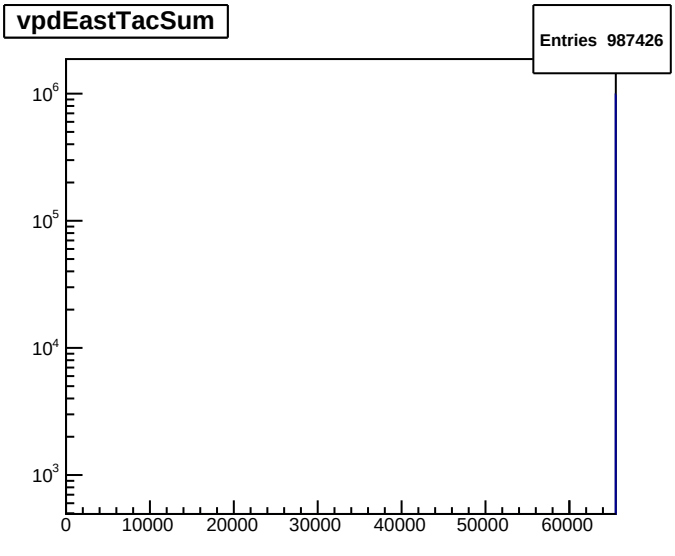

bbcLargeEastHitSimu
Entries 1974852
987426
987426
1
0
-1
E-Hit
W-Hit
10^5
10^4
10^3
10^2
10
1

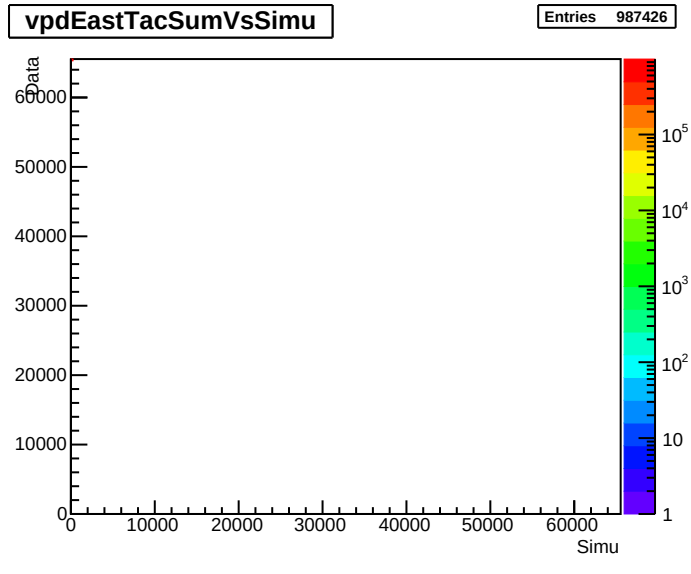

vpdEastAdcSum
Entries 987426

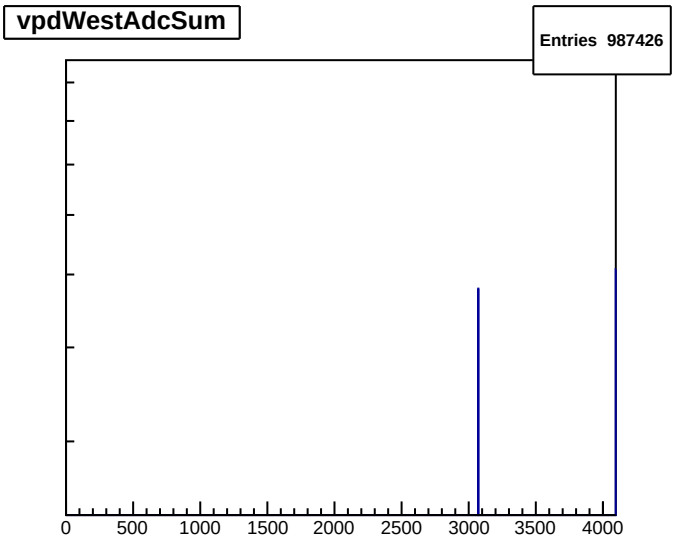

vpdEastAdcSumVsSimu
Entries 987426
Data
Simu

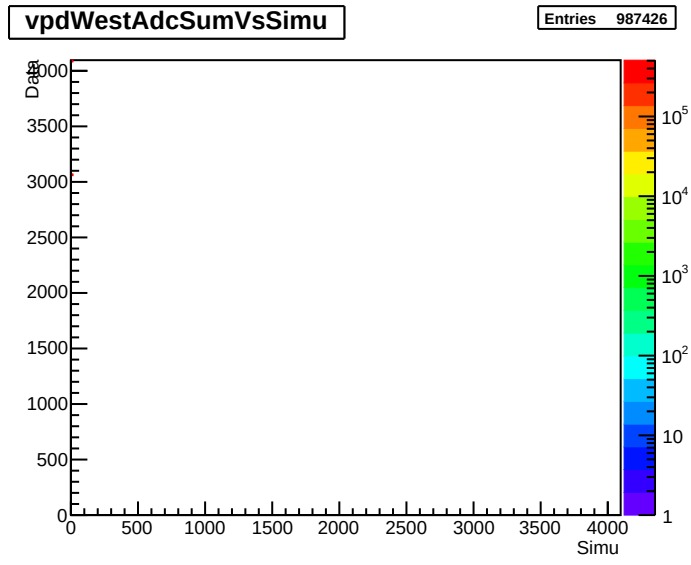

vpdEastNHits
Entries 987426

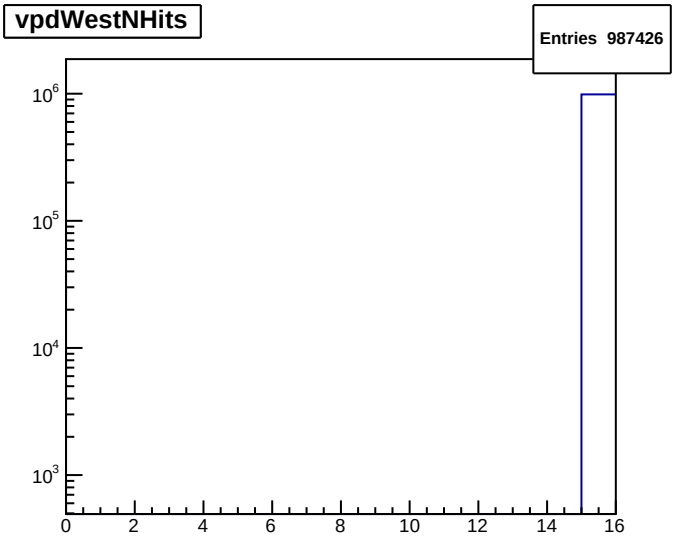

vpdEastNHitsVsSimu
Entries 987426

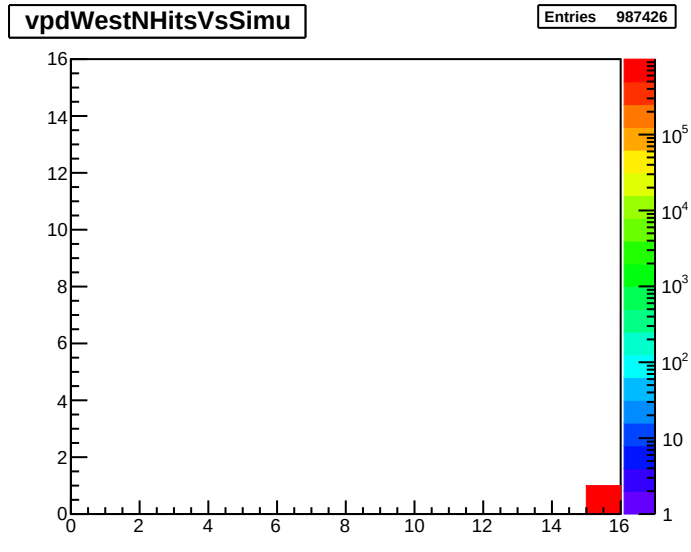

vpdEastTacSum
Entries 987426

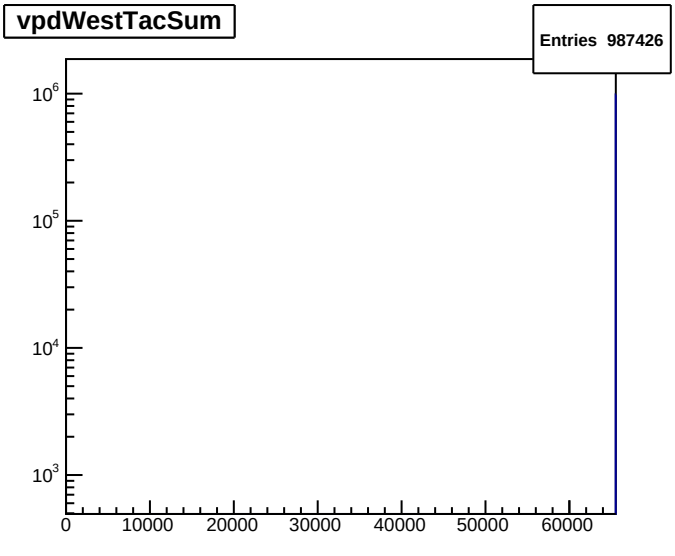

vpdEastTacSumVsSimu
Entries 987426
Data
Simu

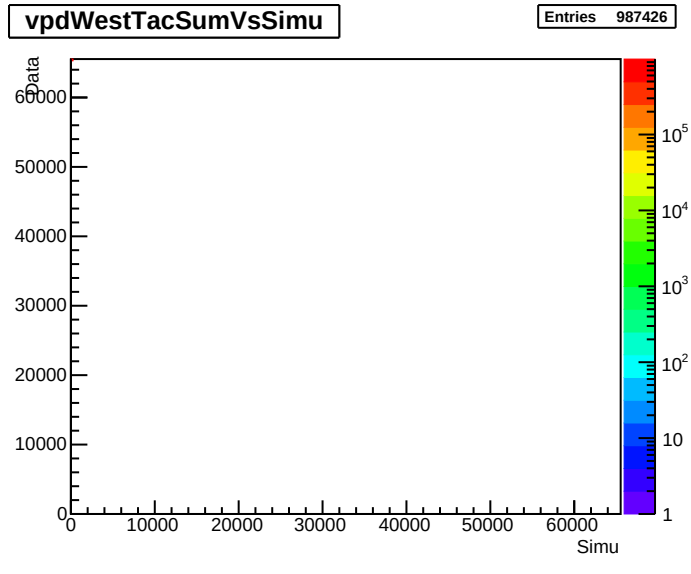

vpdWestAdcSum
Entries 987426
0
500
1000
1500
2000
2500
3000
3500
4000

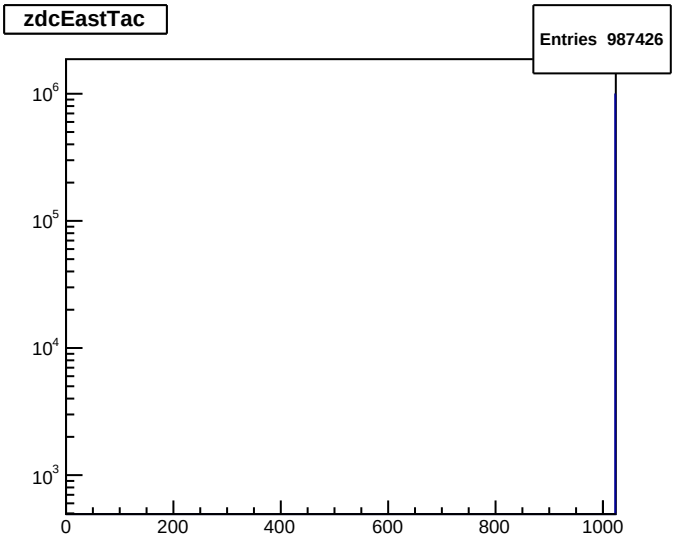

vpdWestAdcSumVsSimu
Entries 987426
Data
Simu
0
500
1000
1500
2000
2500
3000
3500
4000
1
10
10^2
10^3
10^4
10^5

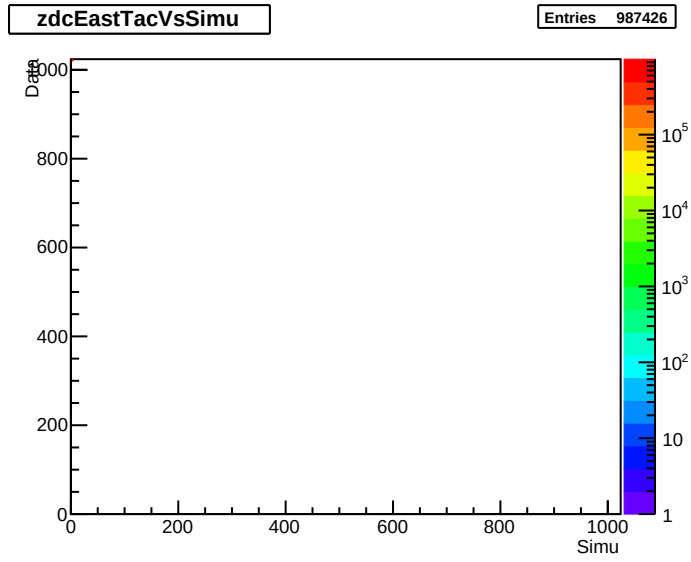

vpdWestNHits
Entries 987426
10^3
10^4
10^5
10^6
0
2
4
6
8
10
12
14
16

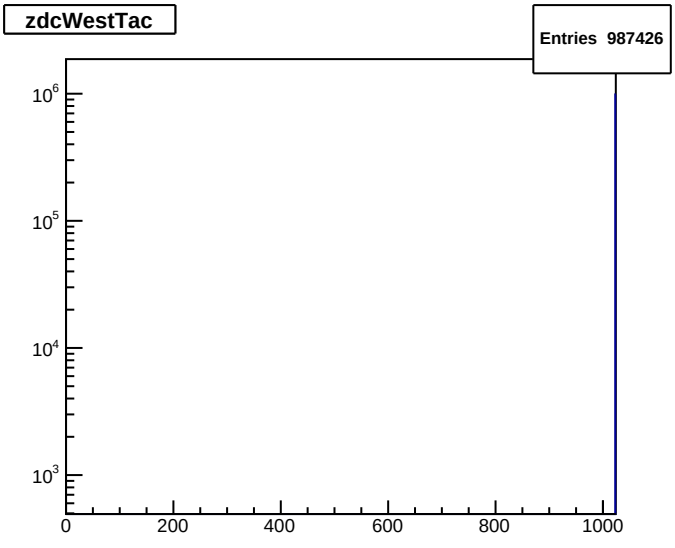

vpdWestNHitsVsSimu
Entries 987426
0
2
4
6
8
10
12
14
16
1
10
10^2
10^3
10^4
10^5

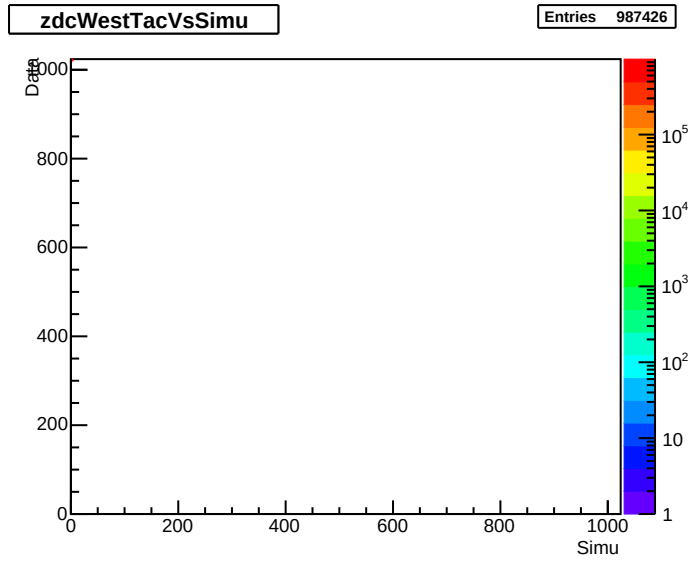

vpdWestTacSum
Entries 987426
10^3
10^4
10^5
10^6
0
10000
20000
30000
40000
50000
60000

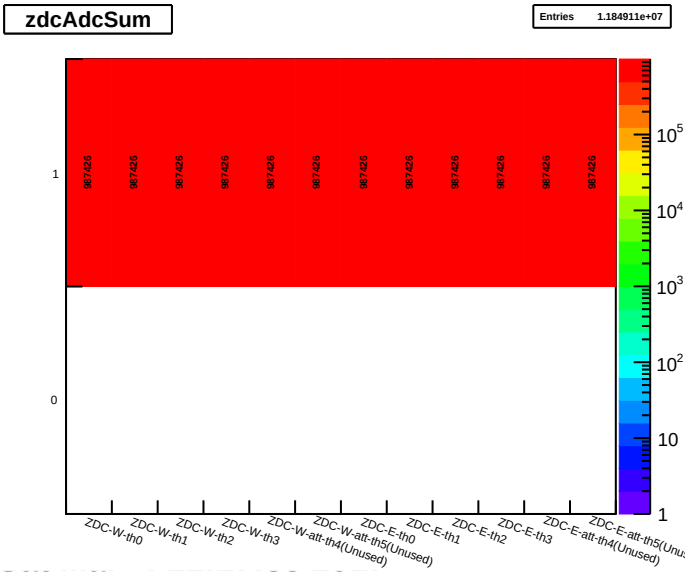

vpdWestTacSumVsSimu
Entries 987426
Data
Simu
0
10000
20000
30000
40000
50000
60000
1
10
10^2
10^3
10^4
10^5

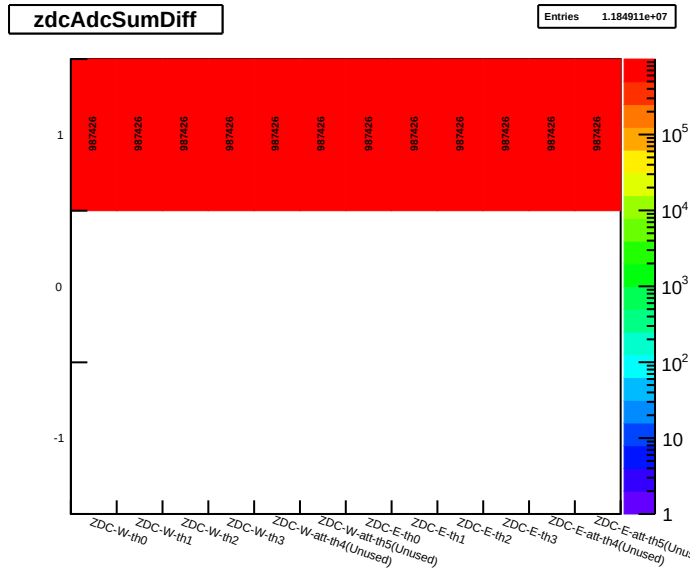

zdcEastTac
Entries 987426

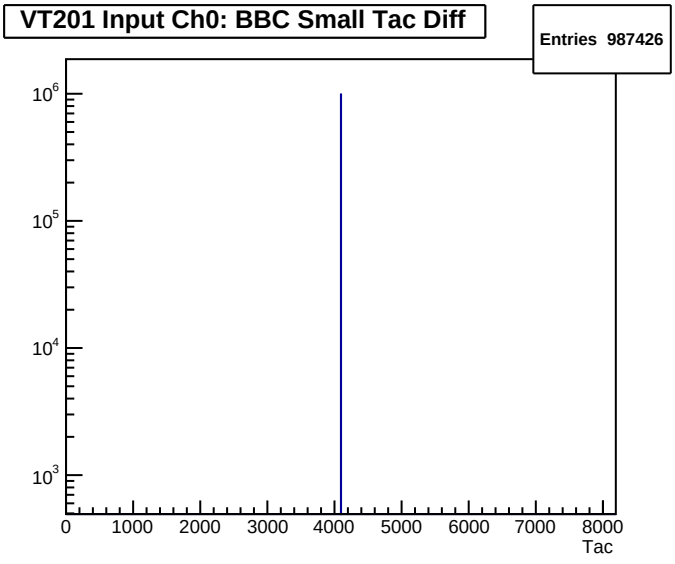

zdcEastTacVsSimu
Entries 987426
Data
Simu

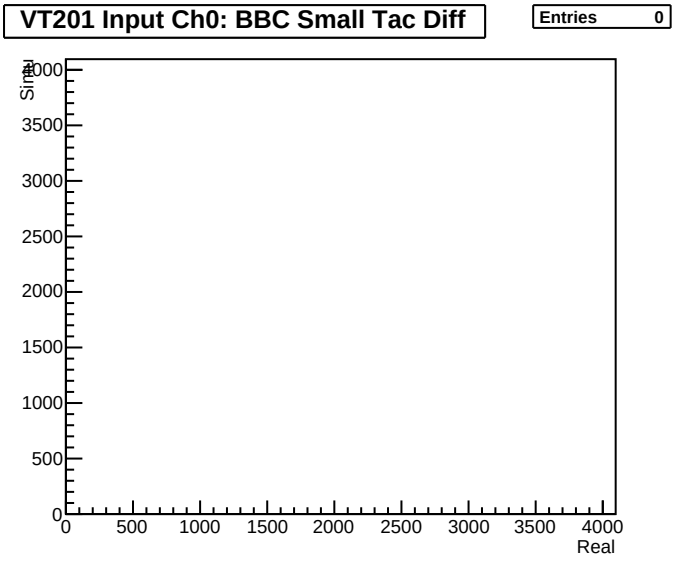

zdcWestTac
Entries 987426

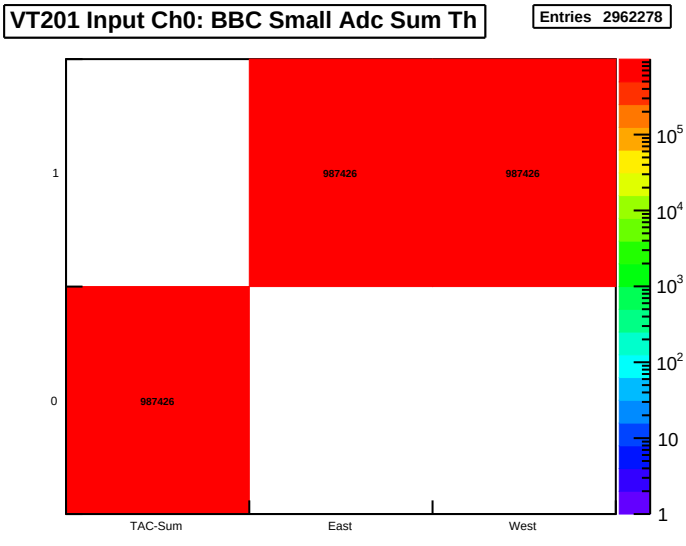

zdcWestTacVsSimu
Entries 987426
Data
Simu

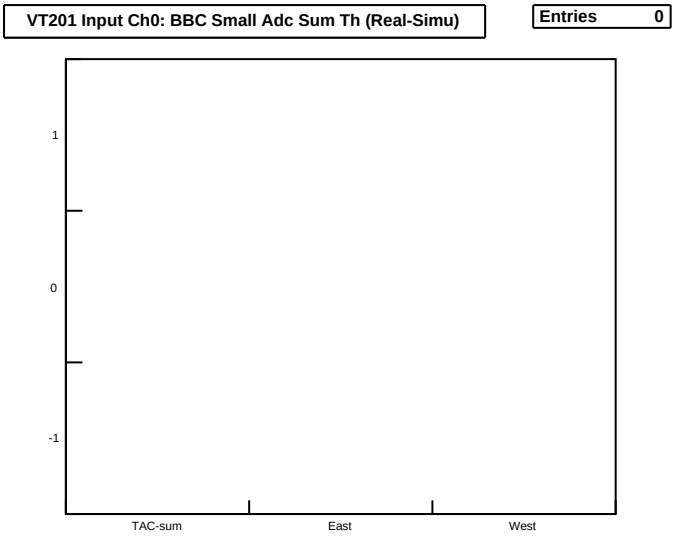

zdcAdcSum
Entries 1.184911e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

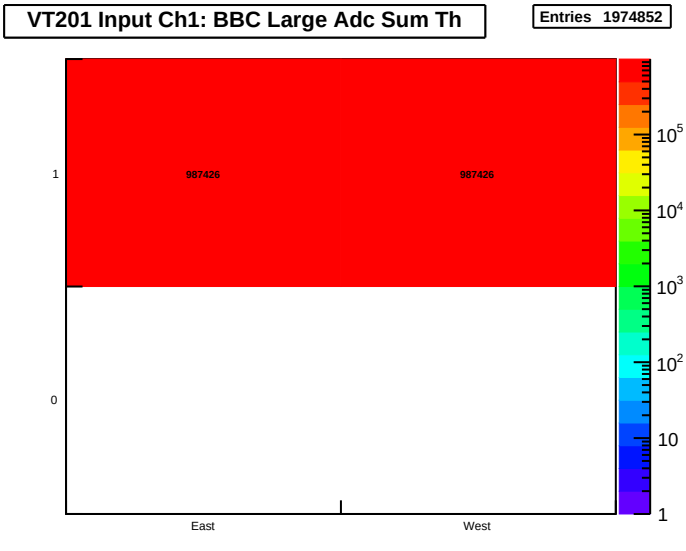

zdcAdcSumDiff
Entries 1.184911e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

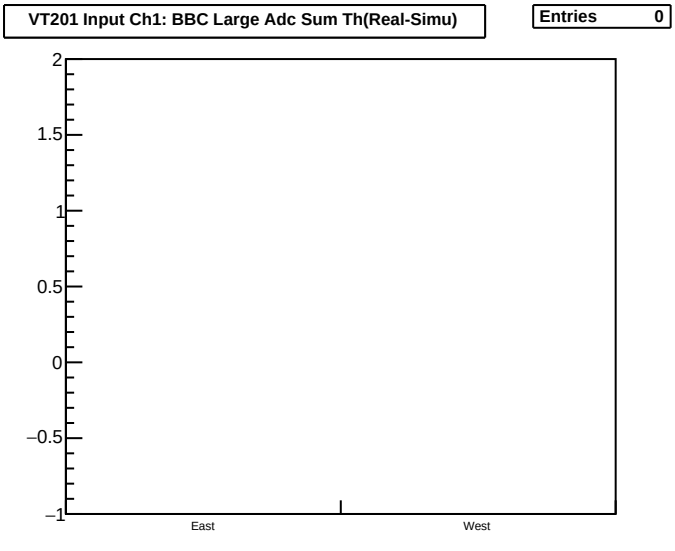

VT201 Input Ch0: BBC Small Tac Diff
Entries 987426
Tac


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

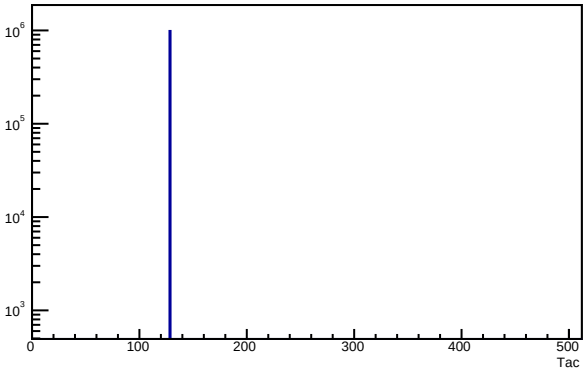

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2962278
987426
987426
987426
TAC-Sum
East
West


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

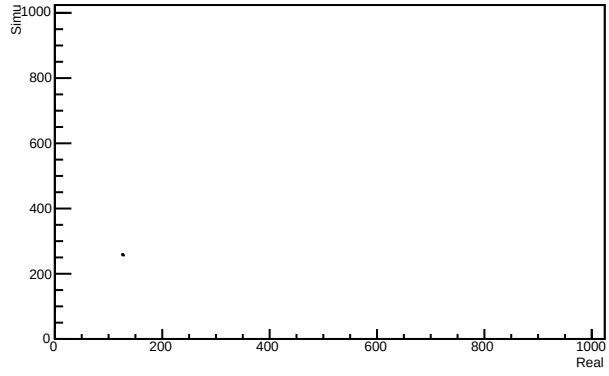

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1974852
987426
987426
East
West


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

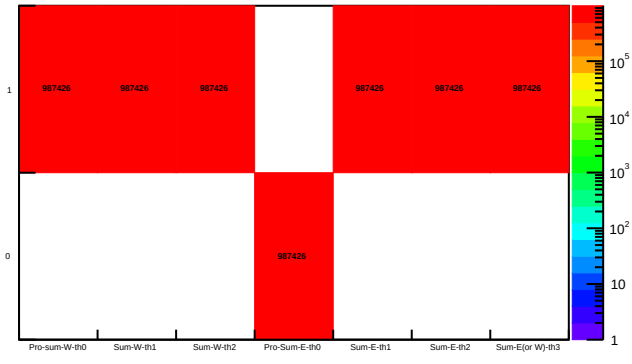
VT201 Input Ch2: ZDC Tac Diff



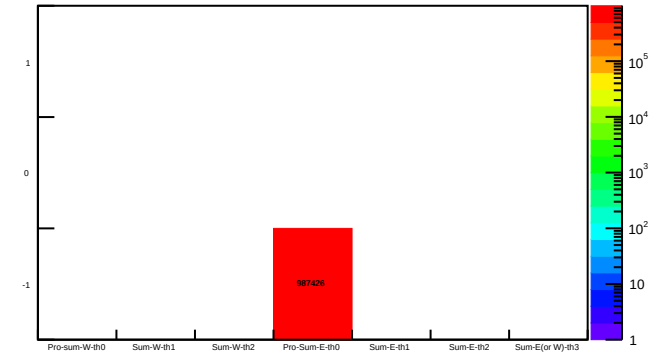
VT201 Input Ch2: ZDC Tac Diff



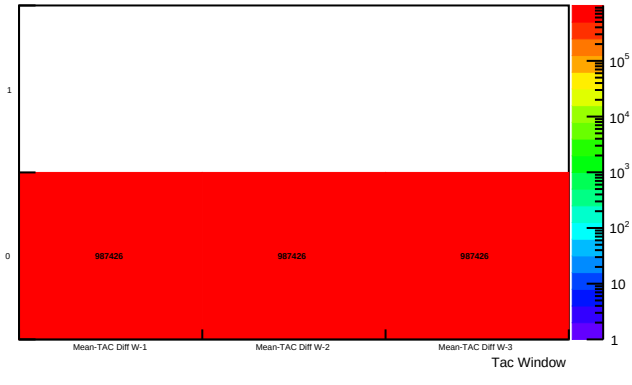
VT201 Input Ch2: ZDC Adc Sum Th



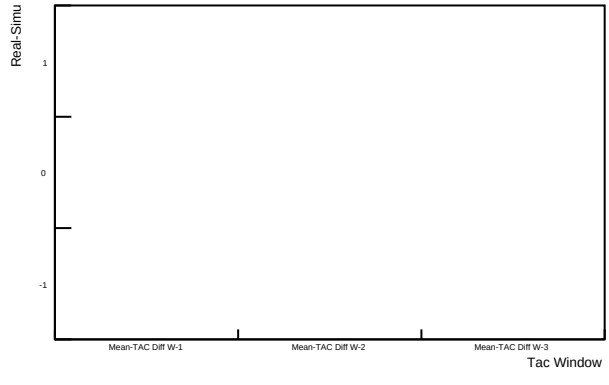
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



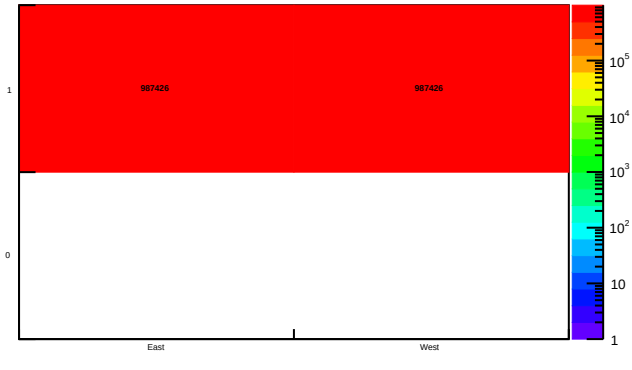
VT201 Input Ch4: VPD Tac Diff



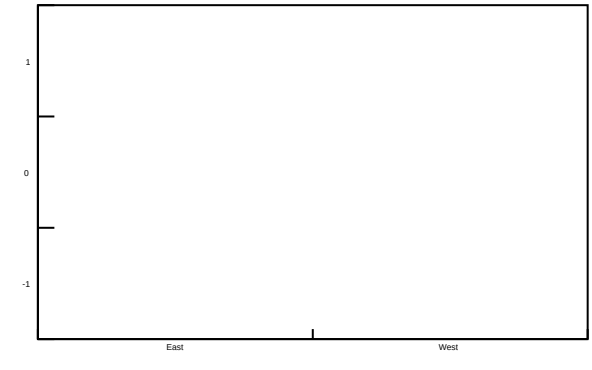
VT201 Input Ch4: VPD Tac Diff

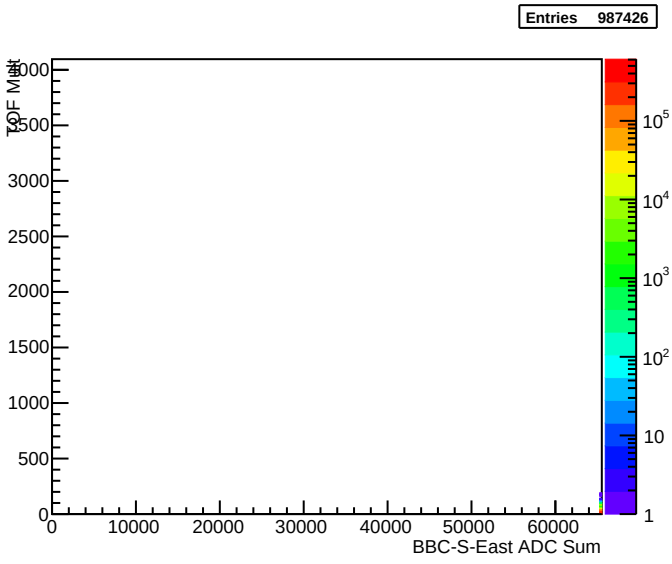


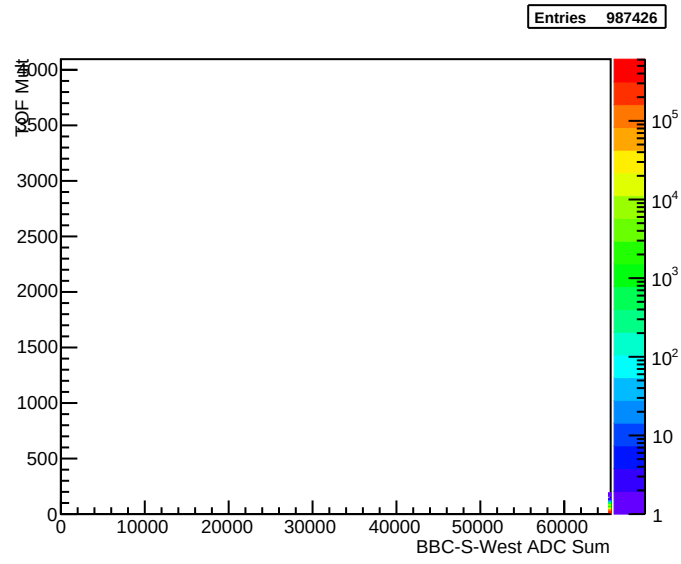
VT201 Input Ch4: VPD Adc Sum Th

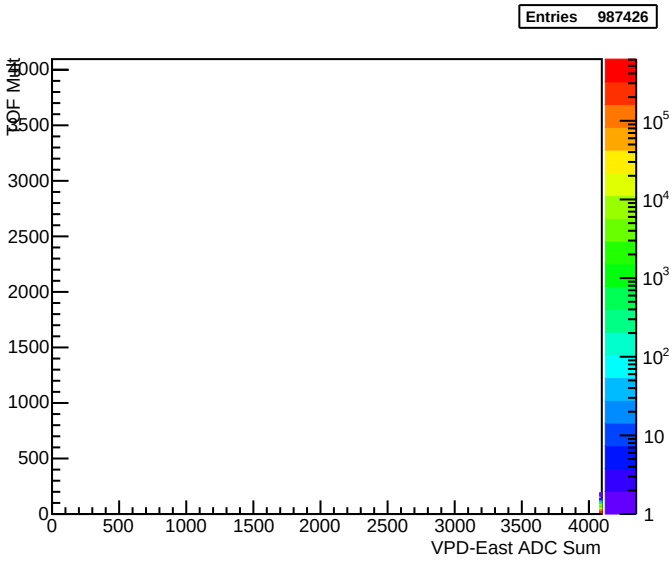


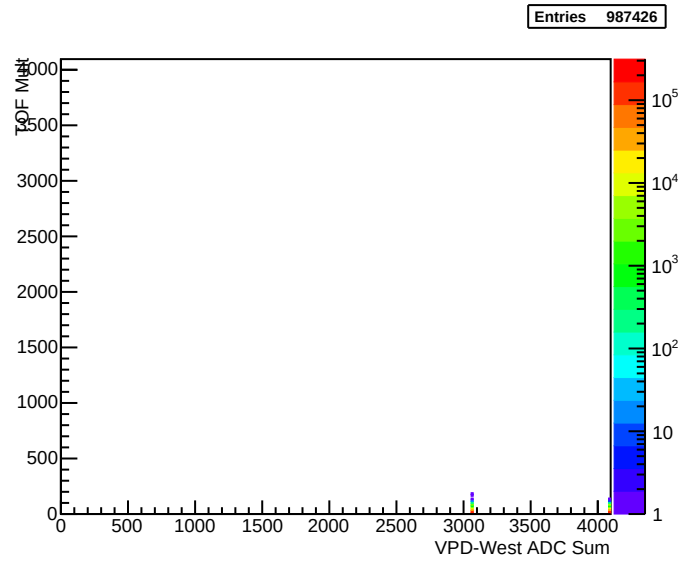
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

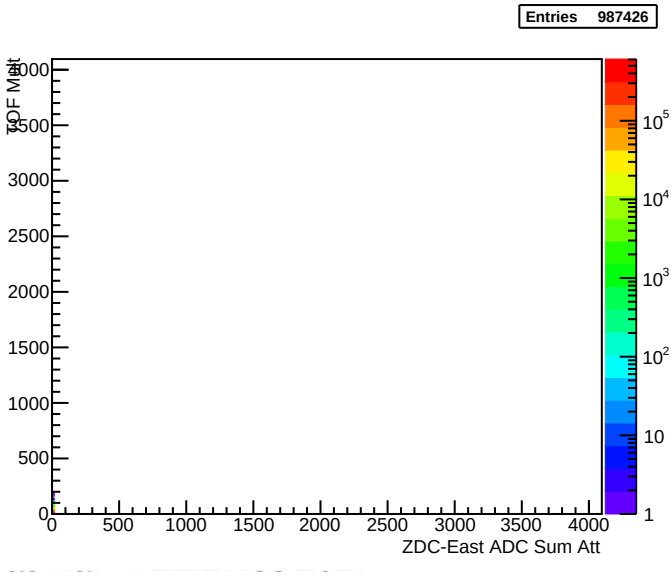


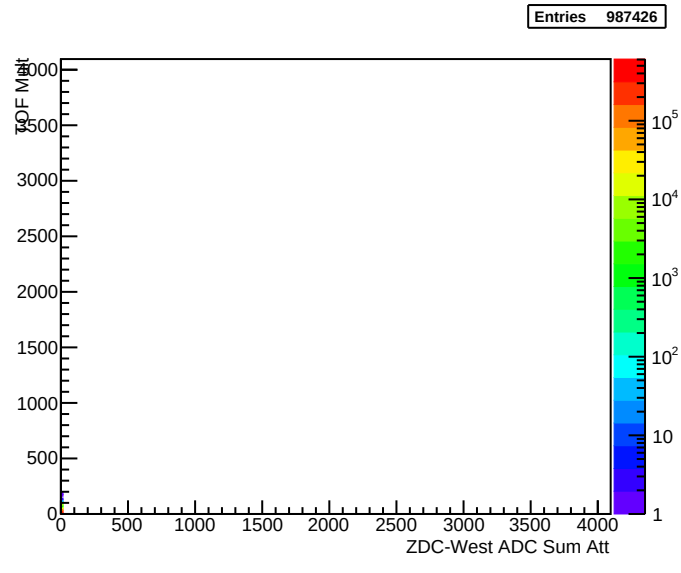

Entries 987426
TOF Mult
BBC-S-East ADC Sum

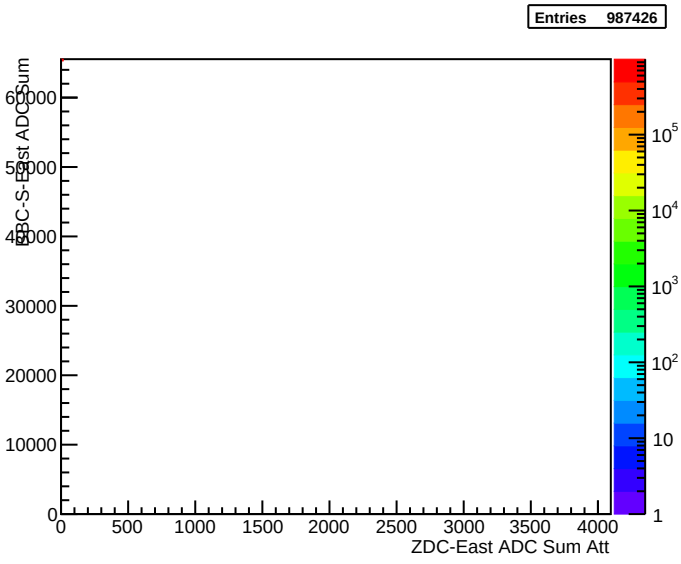

Entries 987426
TOF Mult
BBC-S-West ADC Sum

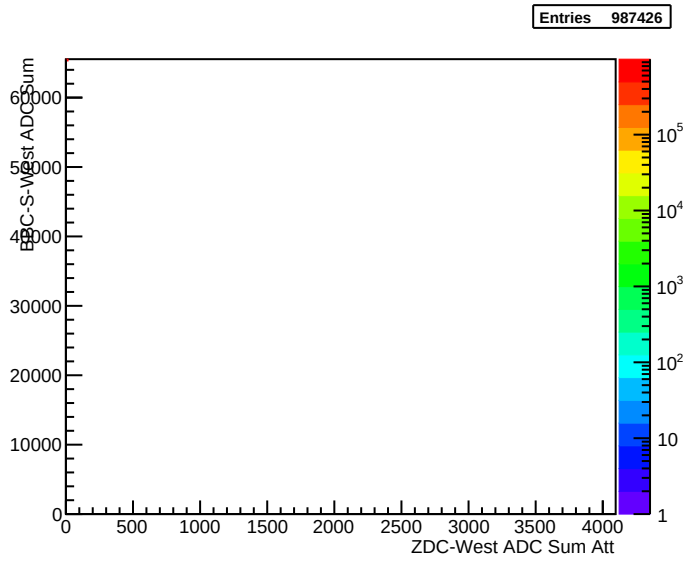

Entries 987426
TOF Mult
VPD-East ADC Sum

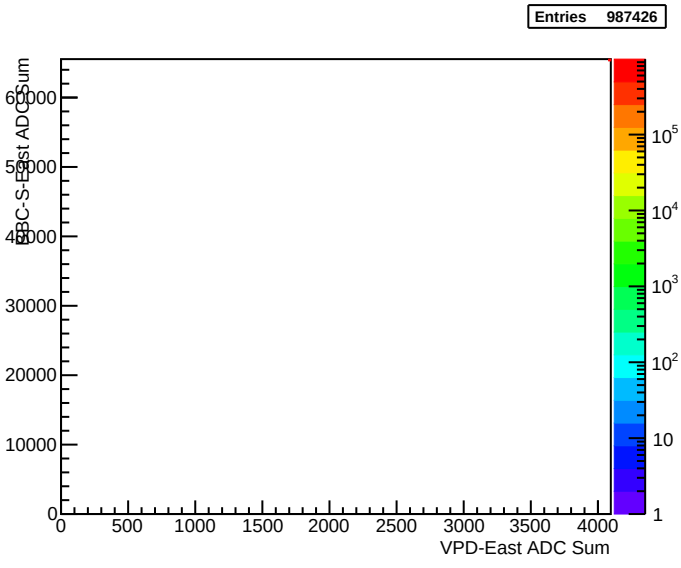

Entries 987426
TOF Mult
VPD-West ADC Sum

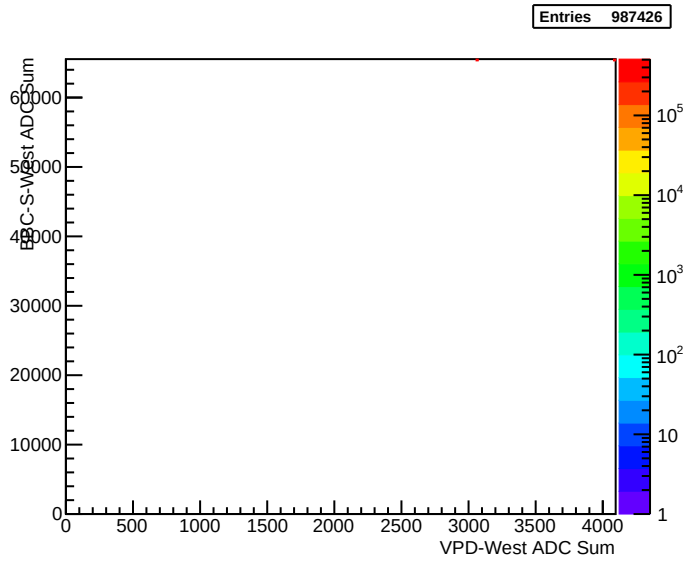

Entries 987426
TOF Mult
ZDC-East ADC Sum Att

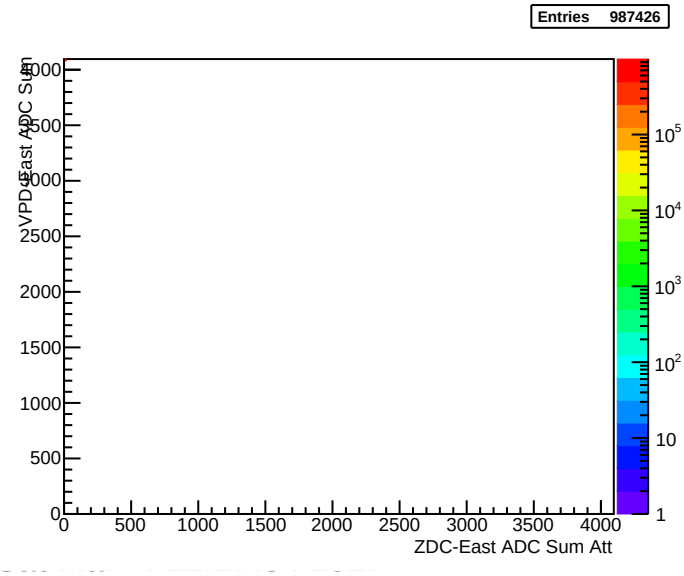

Entries 987426
TOF Mult
ZDC-West ADC Sum Att

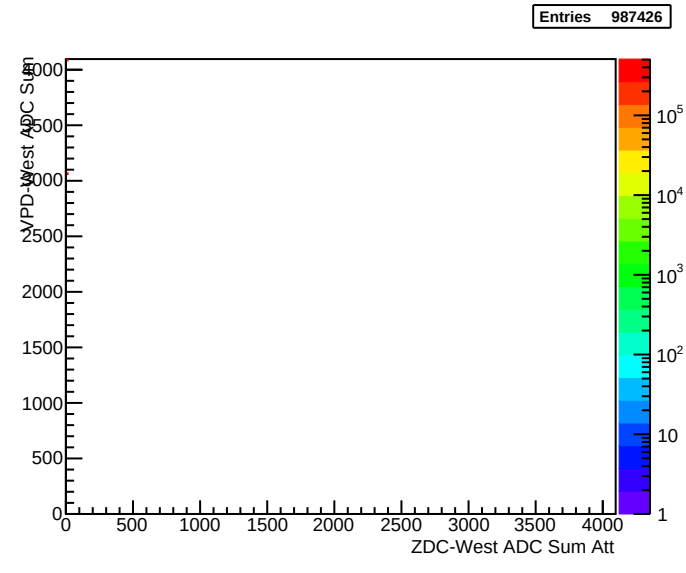

Entries 987426
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

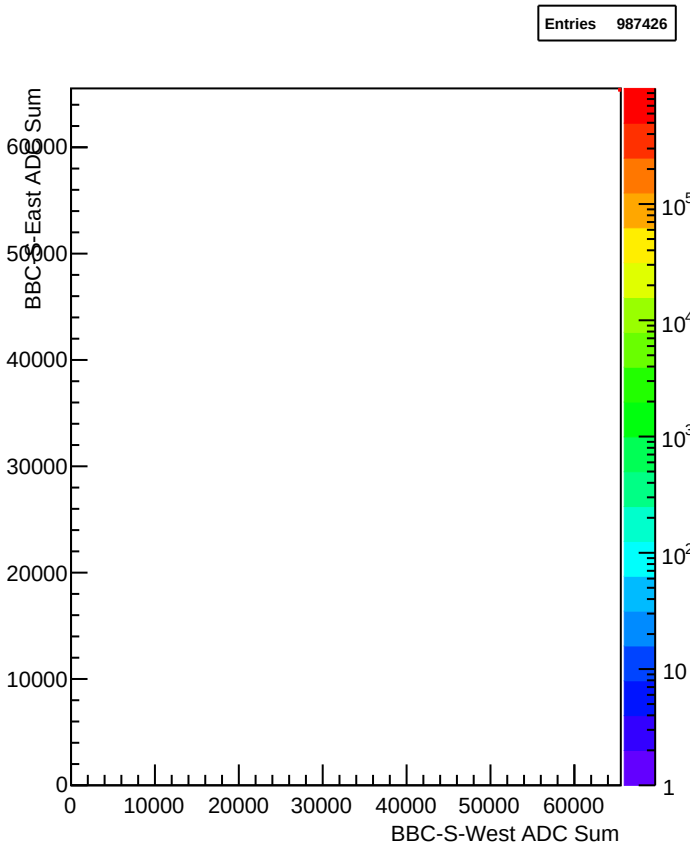

Entries 987426
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

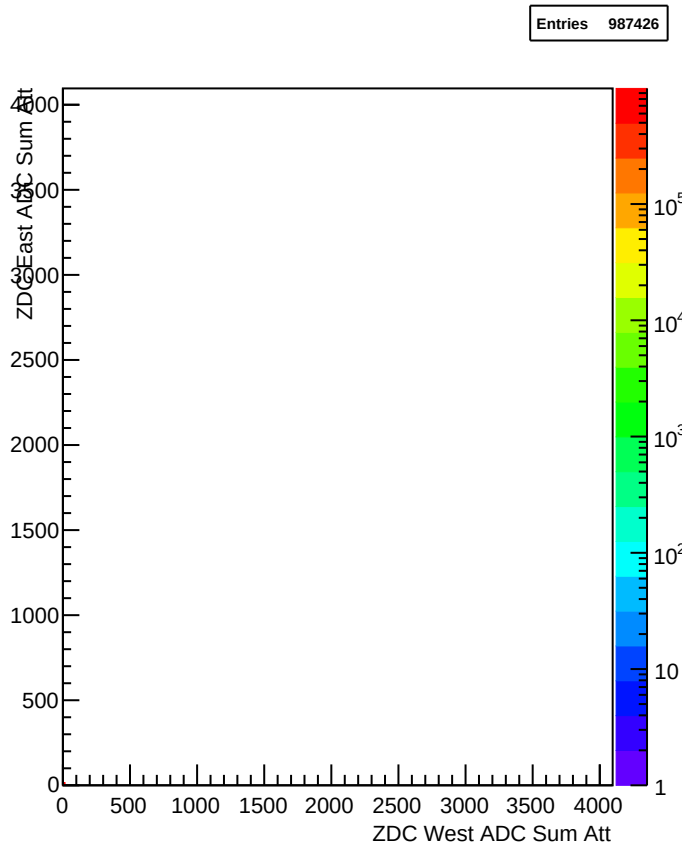

Entries 987426
BBC-S-East ADC Sum
VPD-East ADC Sum

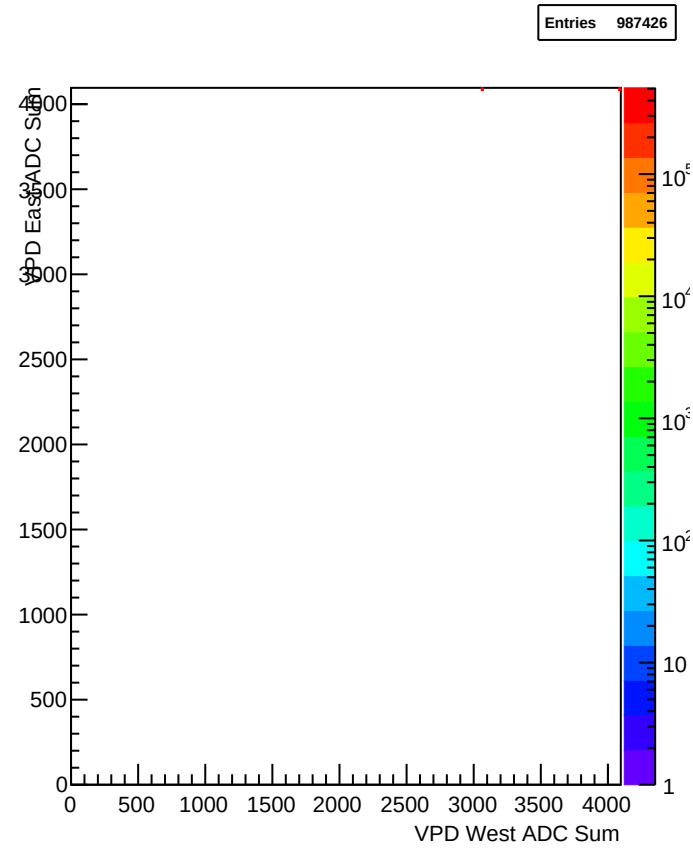

Entries 987426
BBC-S-West ADC Sum
VPD-West ADC Sum

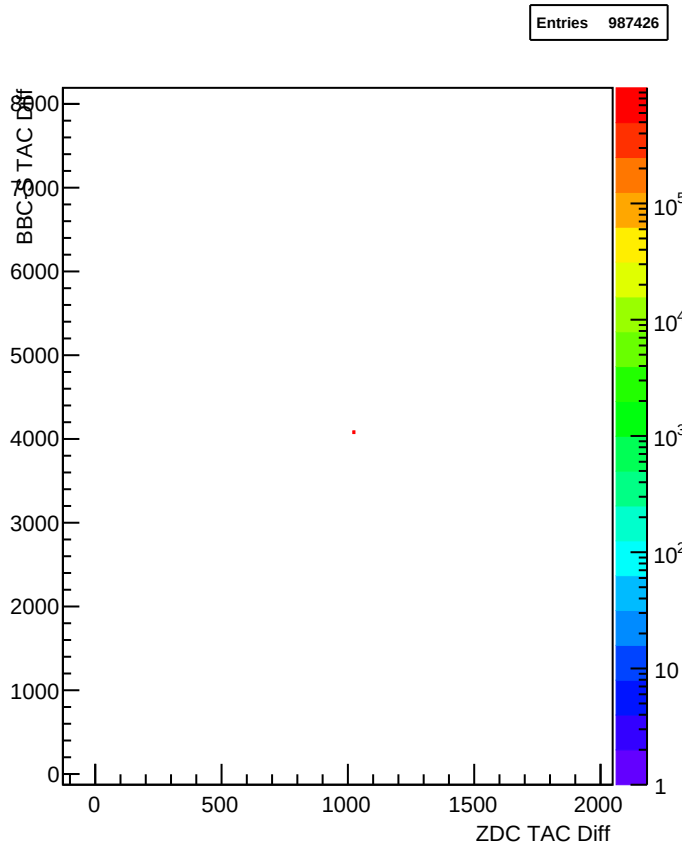

Entries 987426
VPD-East ADC Sum
ZDC-East ADC Sum Att

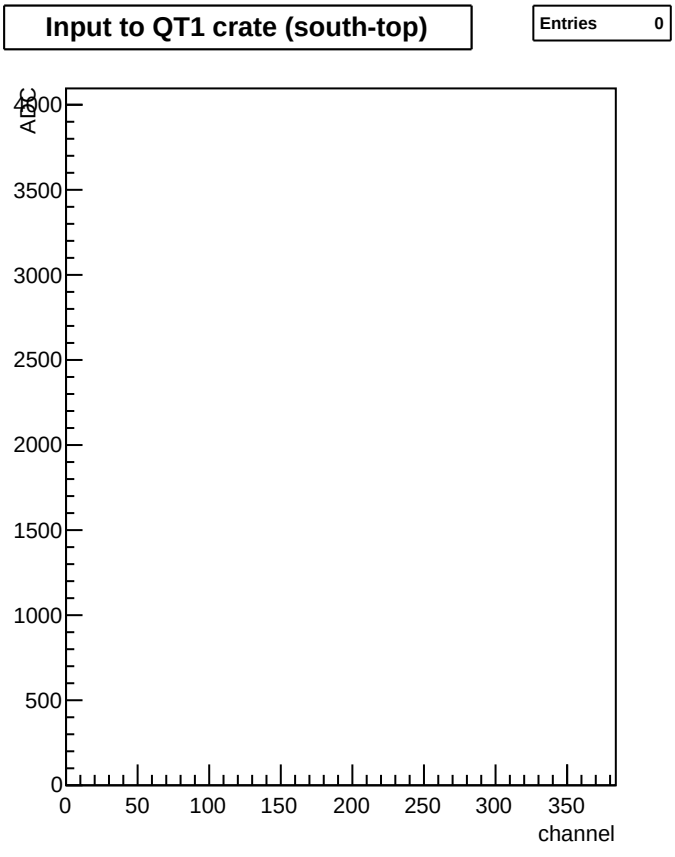

Entries 987426
VPD-West ADC Sum
ZDC-West ADC Sum Att

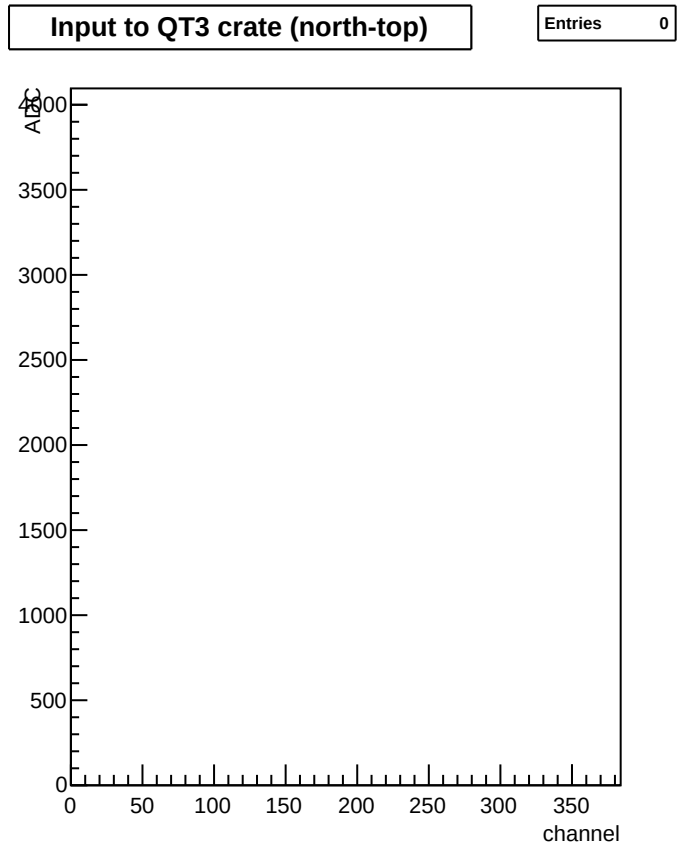

Entries 987426
BBC-S-East ADC Sum
BBC-S-West ADC Sum

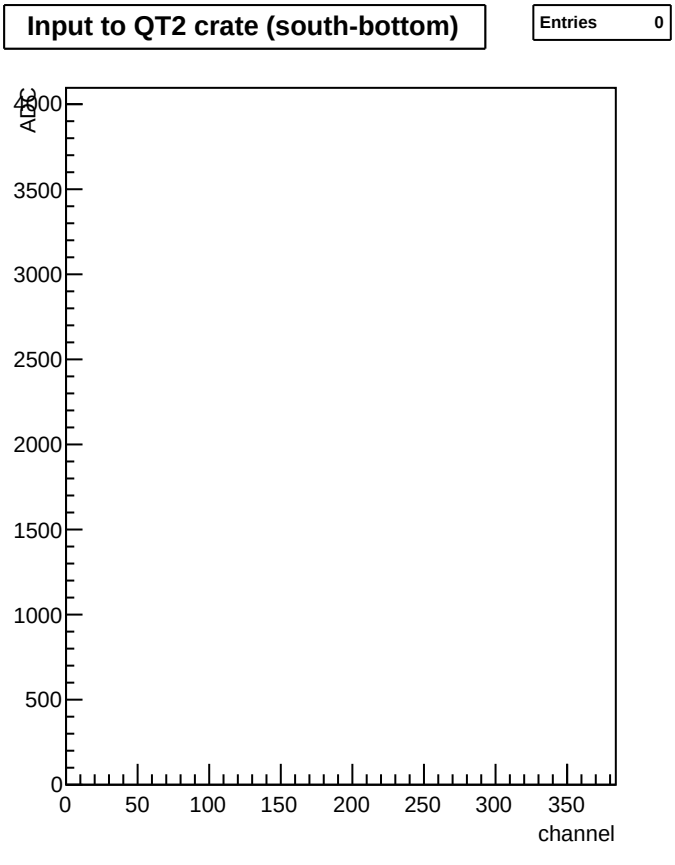

Entries 987426
ZDC East ADC Sum Att
ZDC West ADC Sum Att

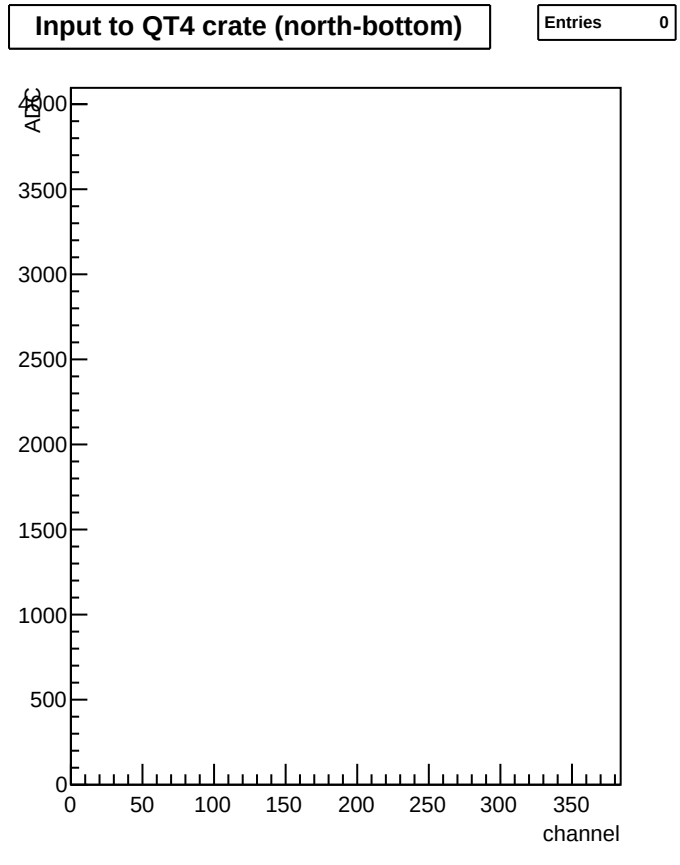

Entries 987426
VPD East ADC Sum
VPD West ADC Sum

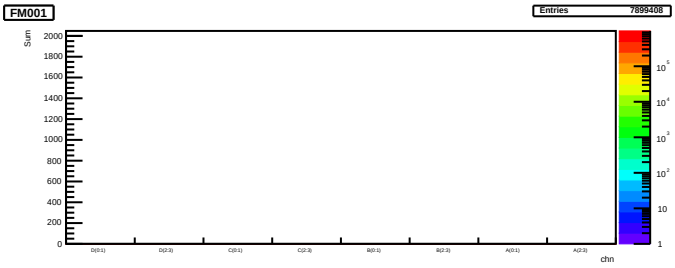

Entries 987426
BBC-S TAC Diff
ZDC TAC Diff

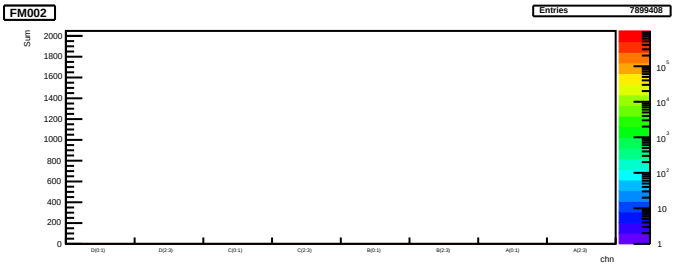

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

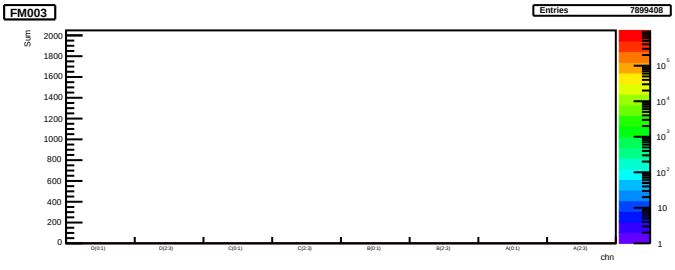

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

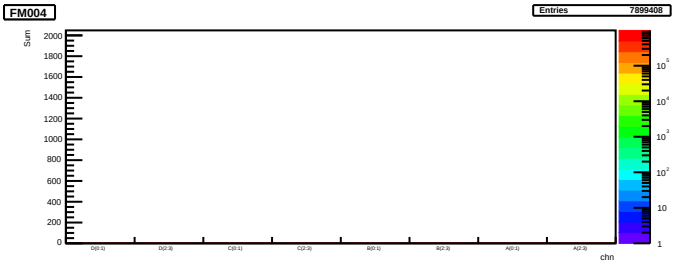

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

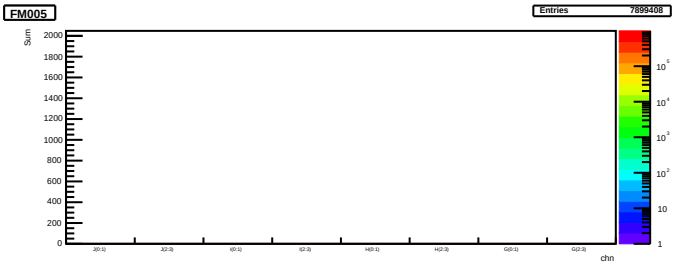

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

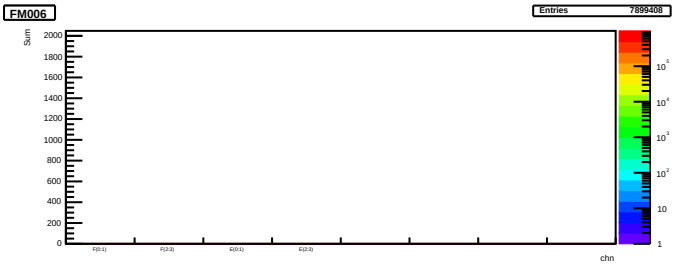

FM001
Entries 7899408
Sum
chn

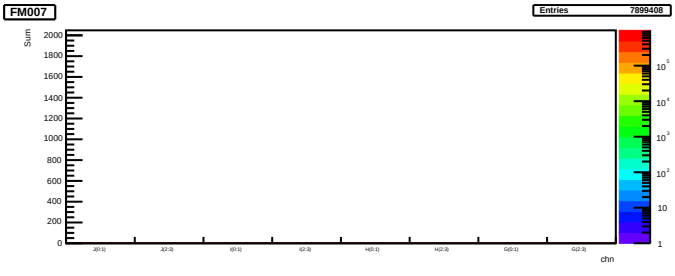

FM002
Entries 7899408
Sum
chn

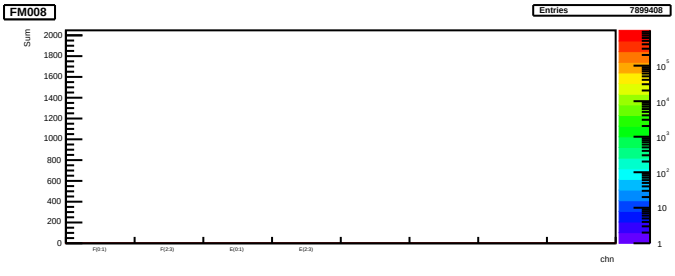

FM003
Entries 7899408
Sum
chn

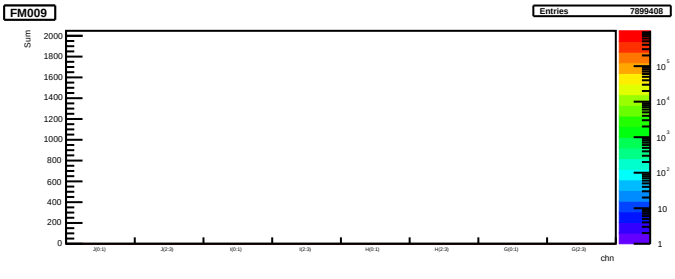

FM004
Entries 7899408
Sum
chn

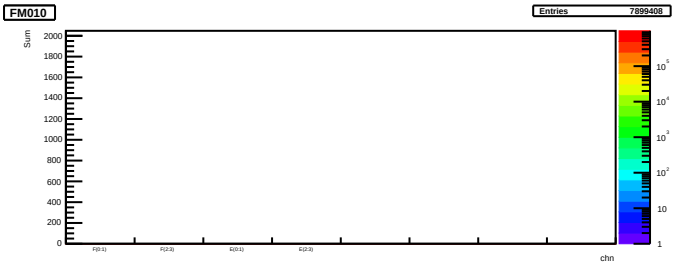

FM005
Entries 7899408
Sum
chn

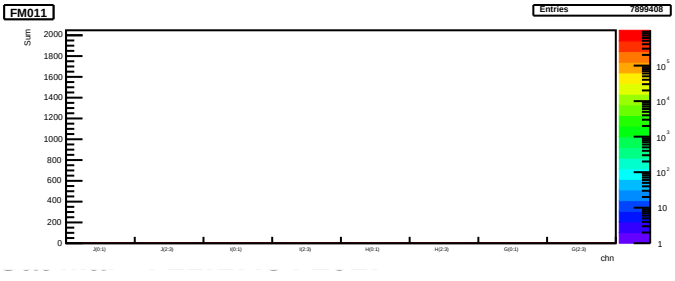

FM006
Entries 7899408
Sum
chn

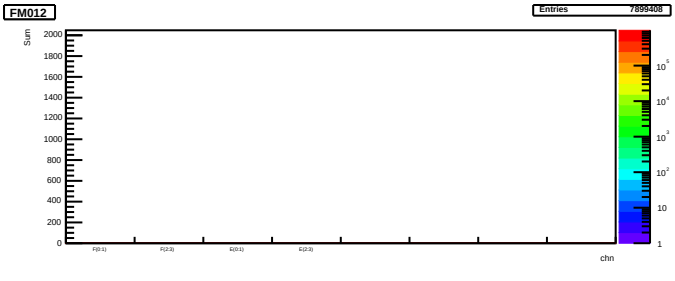

FM007
Entries 7899408
Sum
chn

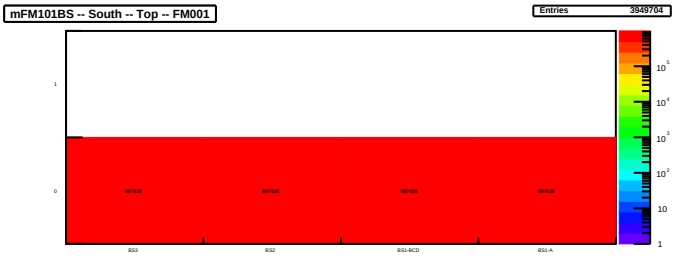

FM008
Entries 7899408
Sum
chn

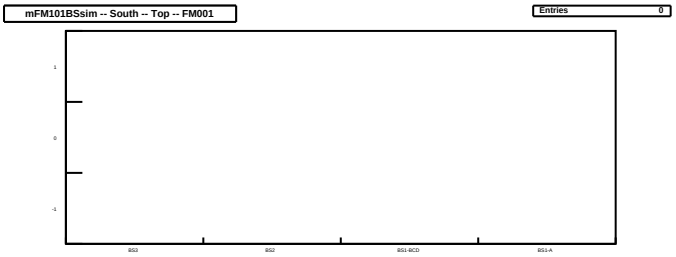

FM009
Entries 7899408
Sum
chn

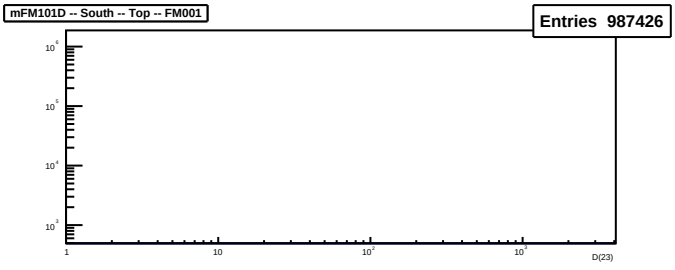

FM010
Entries 7899408
Sum
chn

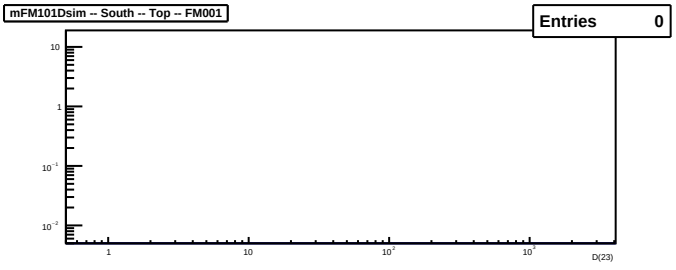

FM011
Entries 7899408
Sum
chn

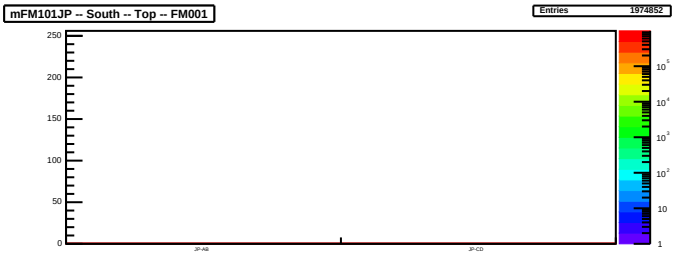

FM012
Entries 7899408
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 3949704
987426
987424
987424
987426
BS3
BS2
BS1-BCD
BS1-A

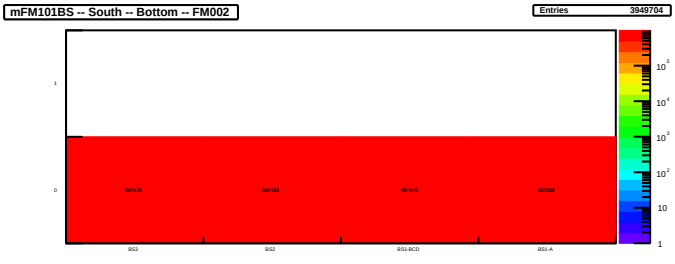

mFM101BSsim -- South -- Top -- FM001
Entries 0
BS3
BS2
BS1-BCD
BS1-A

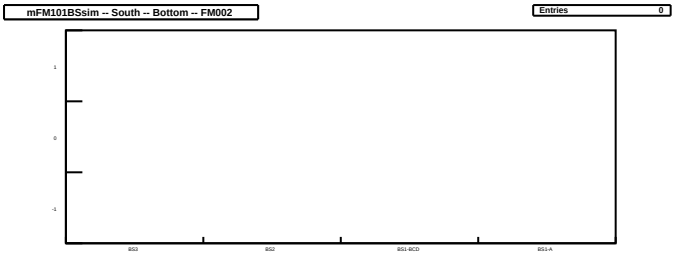

mFM101D -- South -- Top -- FM001
Entries 987426
D(23)

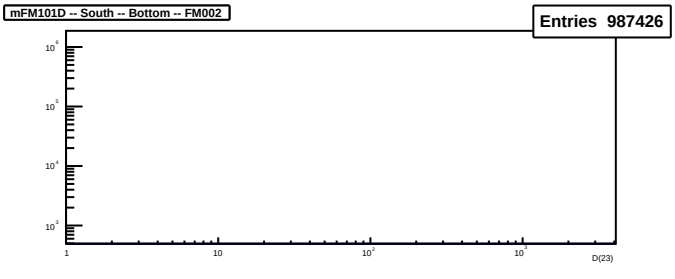

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 1974852
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 3949704
987426
987424
987424
987426
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Bottom -- FM002
Entries 0
BS3
BS2
BS1-BCD
BS1-A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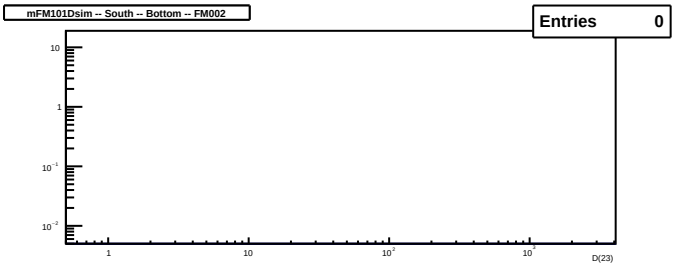
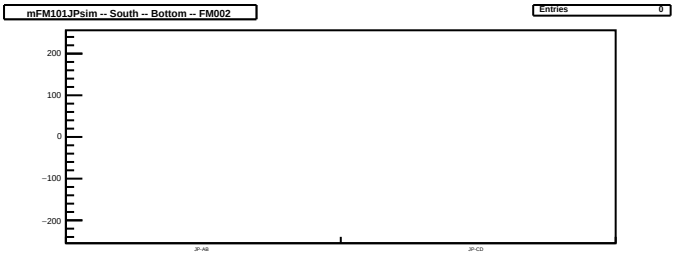
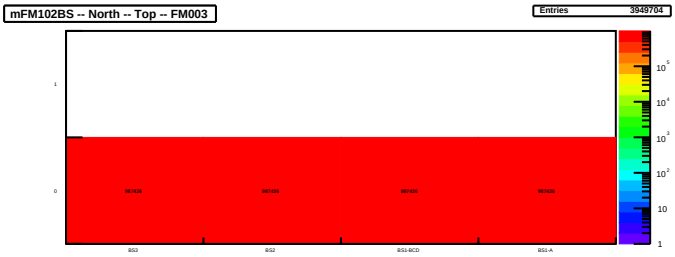
Entries 987426
D(23)

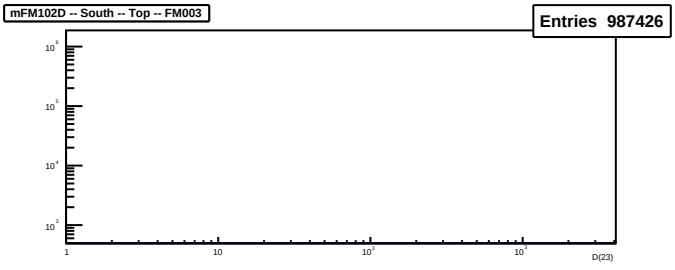

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

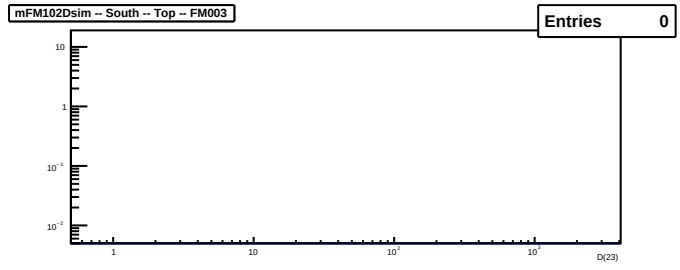
mFM101JP -- South -- Bottom -- FM002
Entries 1974852
JP-AB
JP-CD

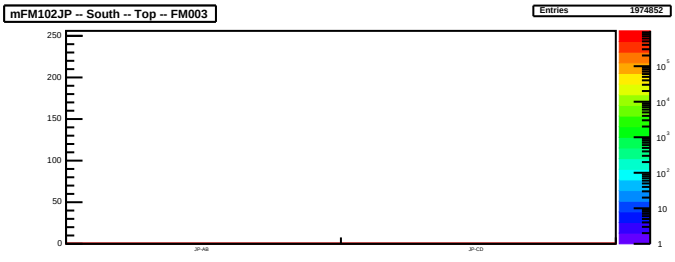

mFM101JPsim -- South -- Bottom -- FM002
Entries 0
JP-AB
JP-CD

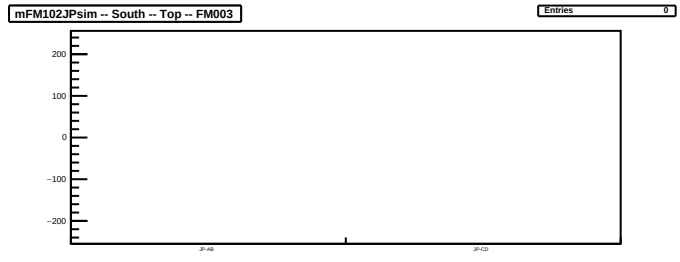

mFM102BS -- North -- Top -- FM003
Entries 3949704
987426
987424
987424
987426
BS3
BS2
BS1-BCD
BS1-A

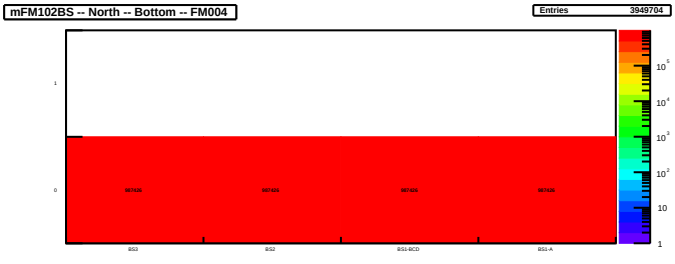
mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A

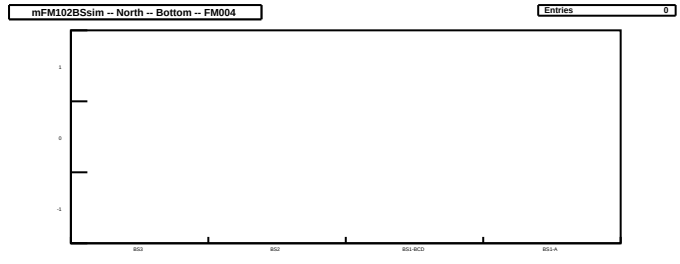

mFM102D -- South -- Top -- FM003
Entries 987426
D(23)

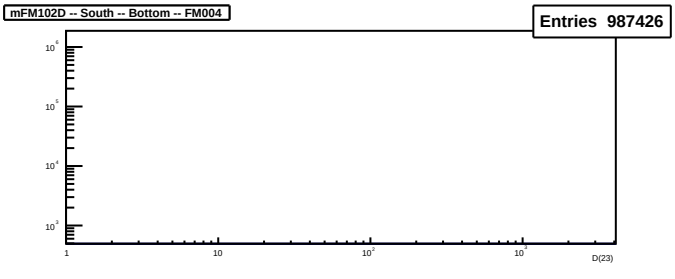

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

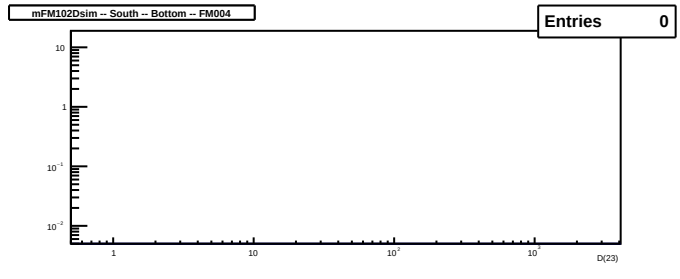

mFM102JP -- South -- Top -- FM003
Entries 1974852
JP-AB
JP-CD


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


mFM102BS -- North -- Bottom -- FM004
Entries 3949704
987426
987424
987424
987426
BS3
BS2
BS1-BCD
BS1-A


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


mFM102D -- South -- Bottom -- FM004
Entries 987426
D(23)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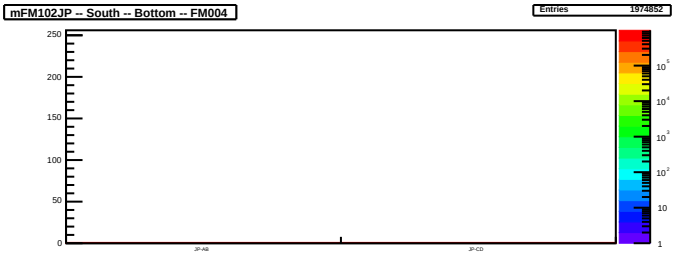
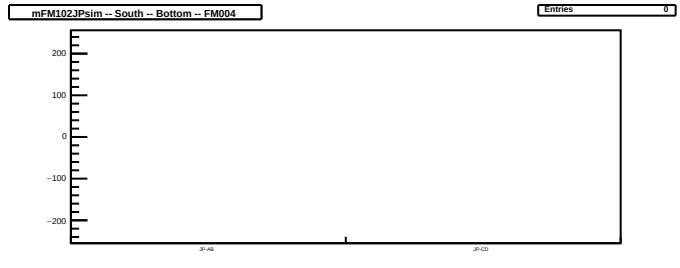
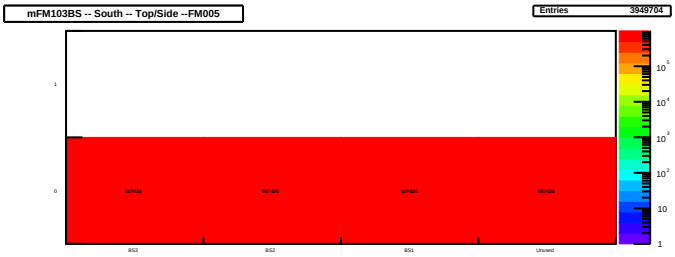
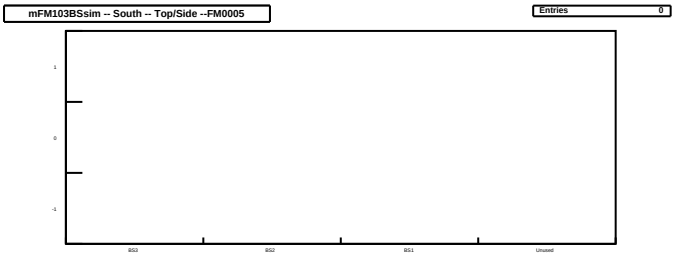
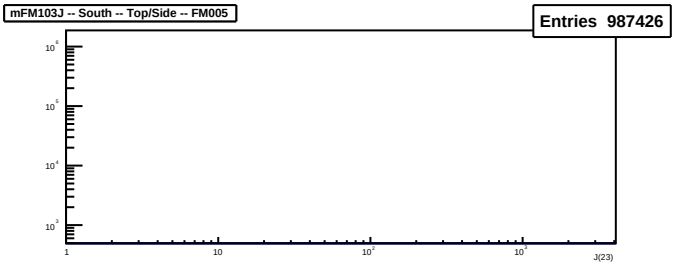
Entries 0
D(23)

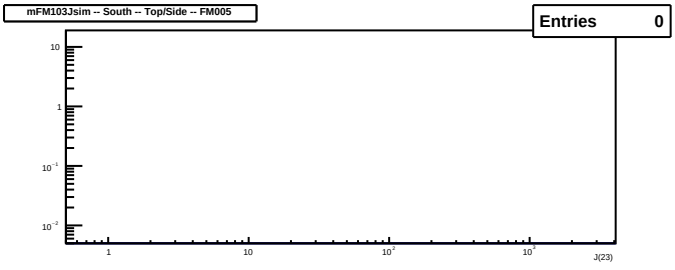

mFM102JP -- South -- Bottom -- FM004
Entries 1974852
JP-AB
JP-CD


mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD


mFM103BS -- South -- Top/Side --FM005
Entries 3949704
987426
987424
987426
987426
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Top/Side --FM0005
Entries 0
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 987426
J(23)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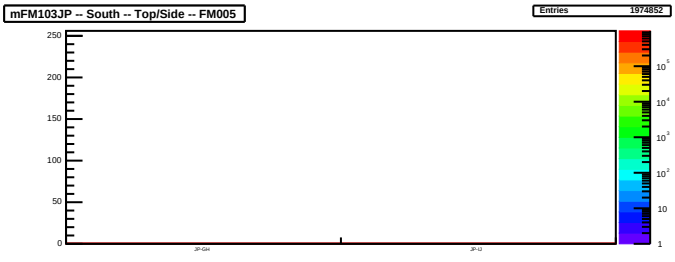
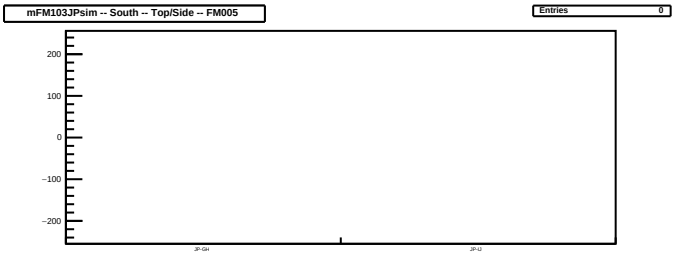
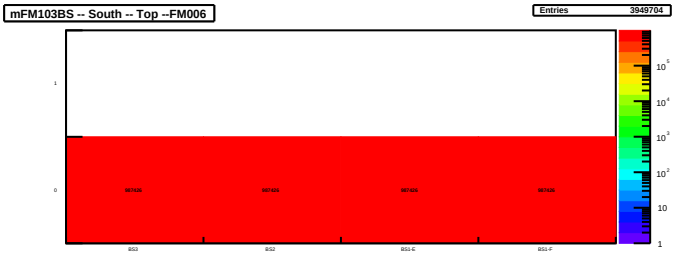
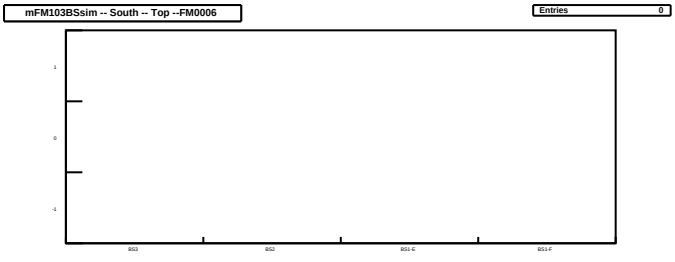
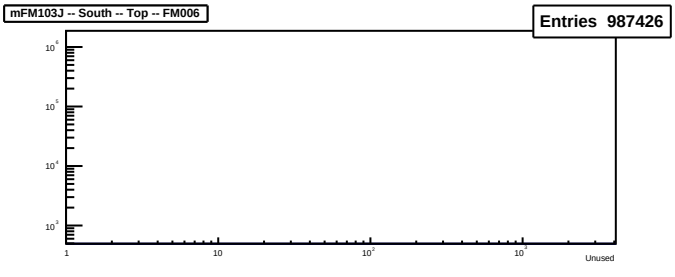
Entries 0
J(23)

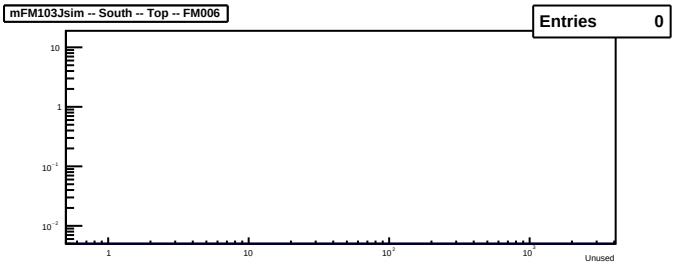

mFM103JP -- South -- Top/Side -- FM005
Entries 1974852
JP-GH
JP-IJ

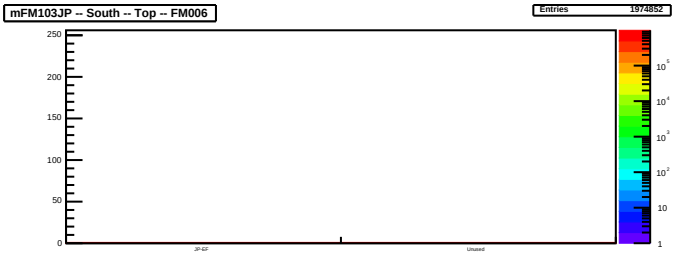

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ

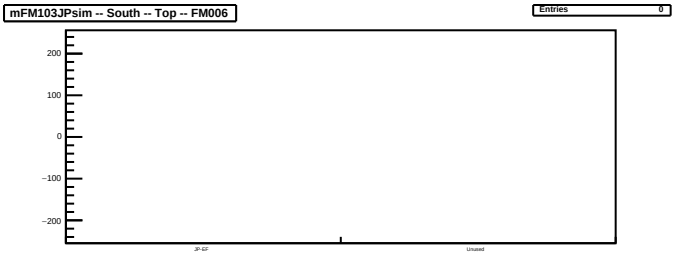

mFM103BS -- South -- Top --FM006
Entries 3949704
987426
987424
987426
987426
BS3
BS2
BS1-E
BS1-F

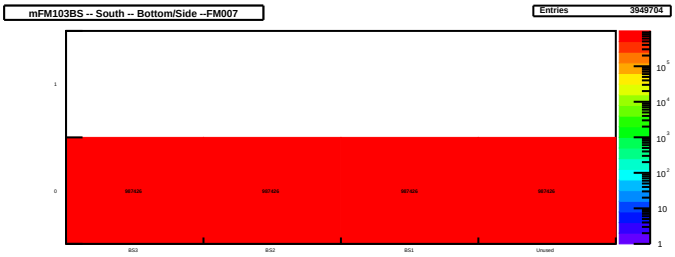

mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F

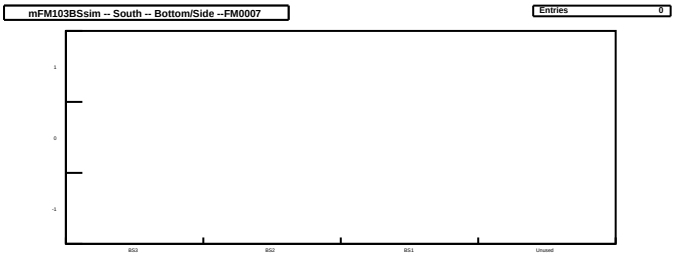

mFM103J -- South -- Top -- FM006
Entries 987426
Unused

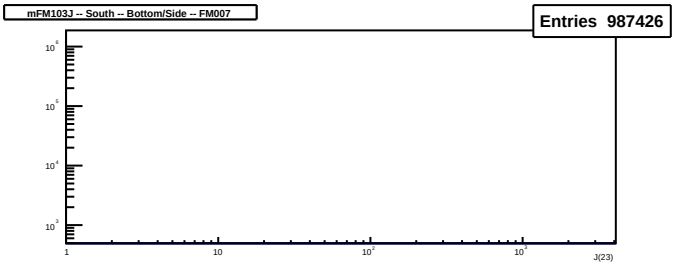

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

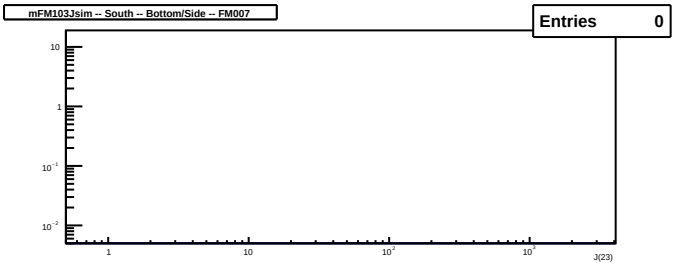

mFM103JP -- South -- Top -- FM006
Entries 1974852
JP-EF
Unused

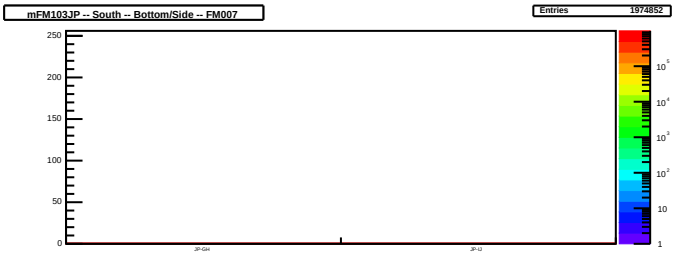

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

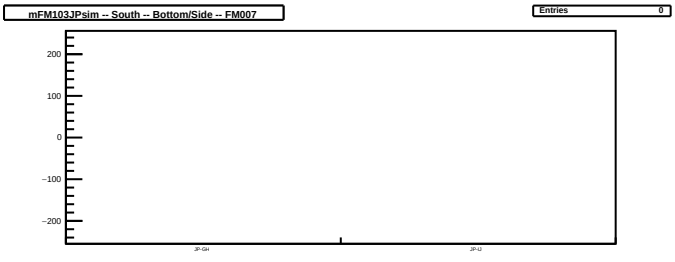

mFM103BS -- South -- Bottom/Side --FM007
Entries 3949704
987426
987424
987426
987426
BS3
BS2
BS1
Unused

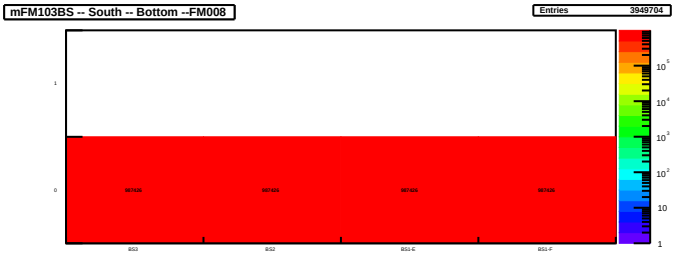

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 0
BS3
BS2
BS1
Unused

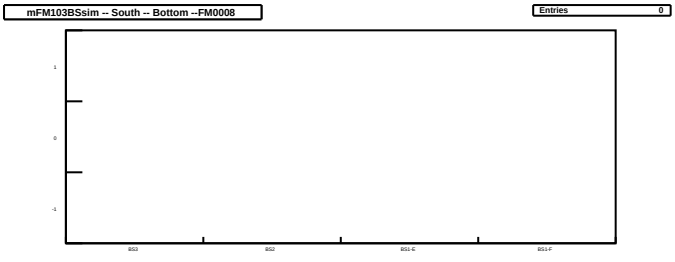

mFM103J -- South -- Bottom/Side -- FM007
Entries 987426
J(23)

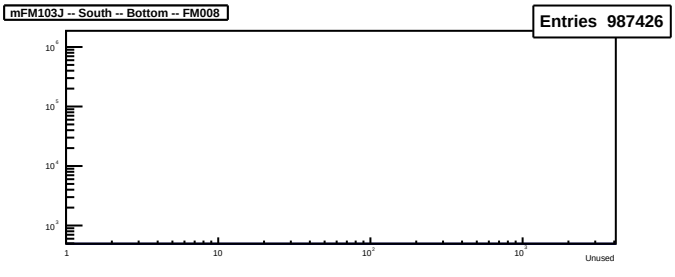

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

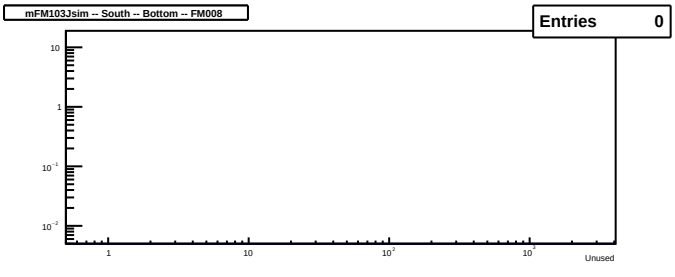

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1974852
JP-GH
JP-IJ


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

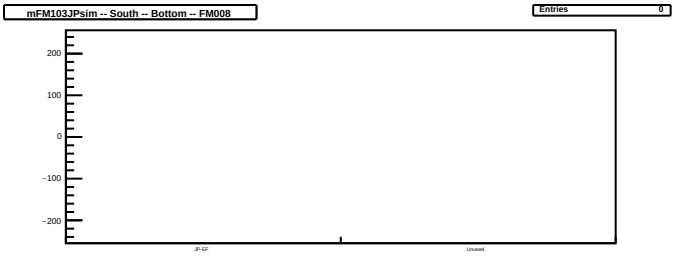

mFM103BS -- South -- Bottom --FM008
Entries 3949704
987426
987424
987426
987426
BS3
BS2
BS1-E
BS1-F

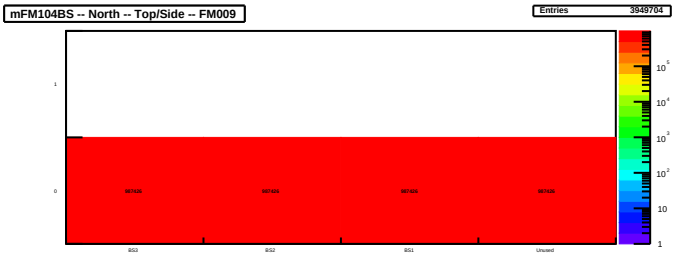

mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F

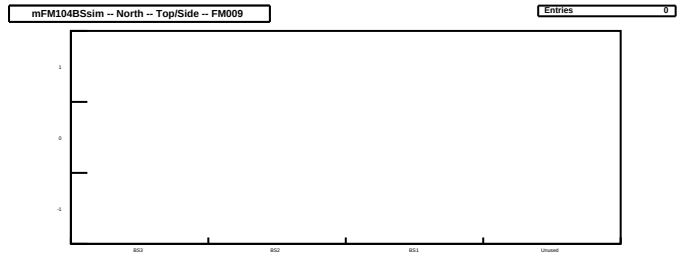

mFM103J -- South -- Bottom -- FM008
Entries 987426
Unused

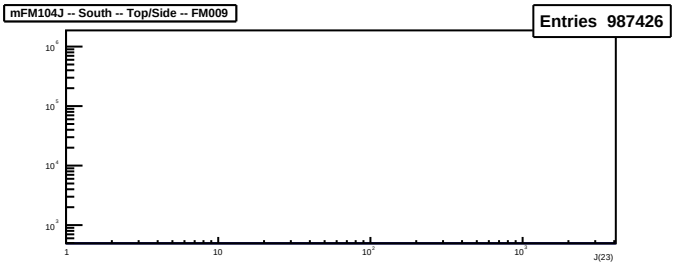

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

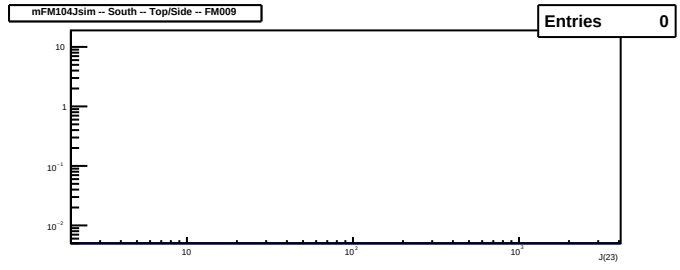
mFM103JP -- South -- Bottom -- FM008
Entries 1974852
JP-EF
Unused

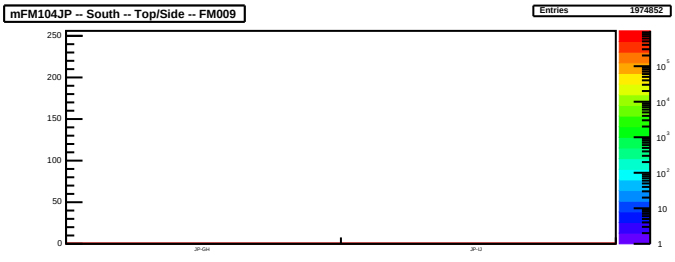

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 3949704
987426
987424
987426
987426
BS3
BS2
BS1
Unused

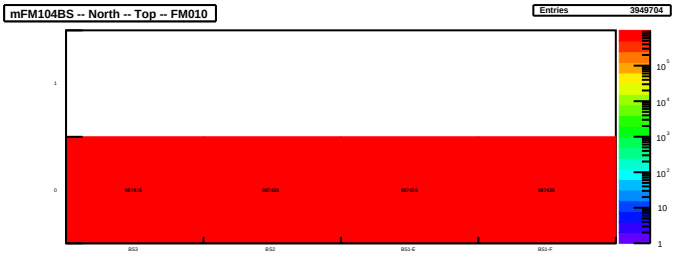

mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused

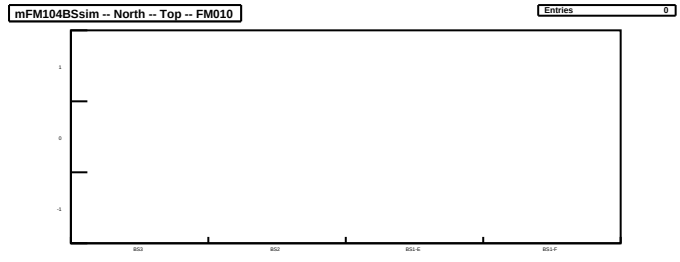

mFM104J -- South -- Top/Side -- FM009
Entries 987426
J(23)

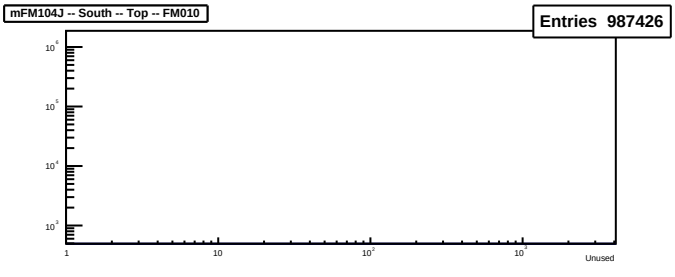

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

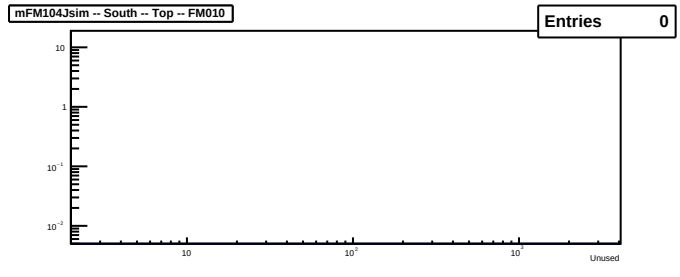

mFM104JP -- South -- Top/Side -- FM009
Entries 1974852
JP-GH
JP-IJ

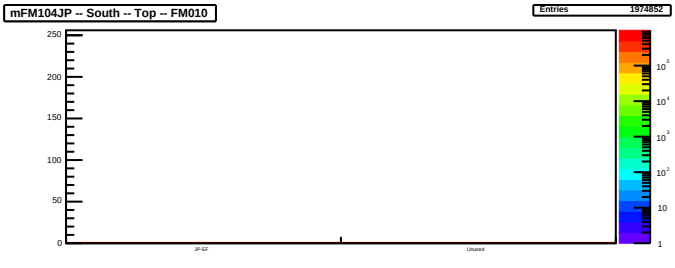
mFM104JPsim -- South -- Top/Side -- FM009
Entries 0
JP-GH
JP-IJ


mFM104BS -- North -- Top -- FM010
Entries 3949704
987426
987424
987426
987426
BS3
BS2
BS1-E
BS1-F

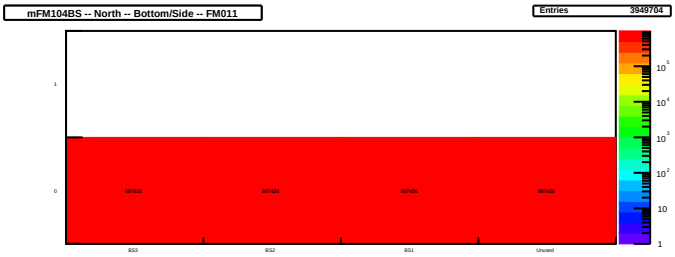

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

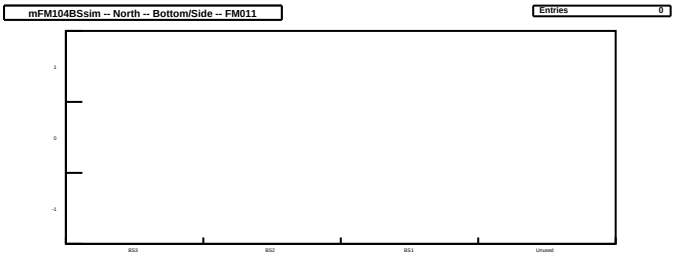

mFM104J -- South -- Top -- FM010
Entries 987426
Unused

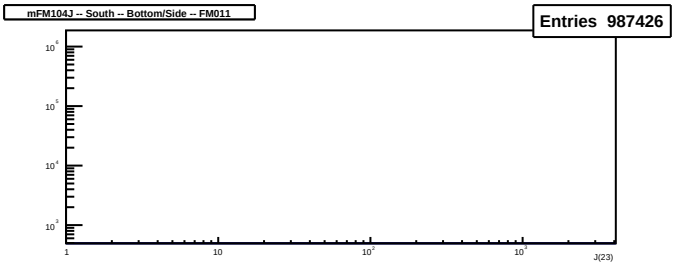

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

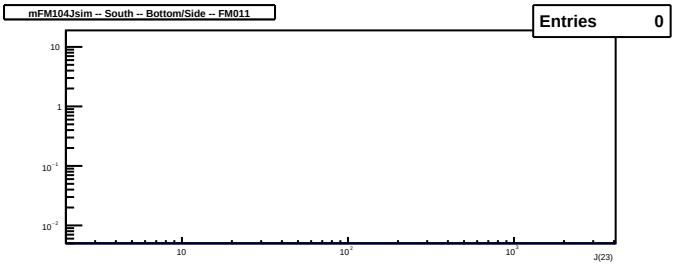

mFM104JP -- South -- Top -- FM010
Entries 1974852
JP-EF
Unused

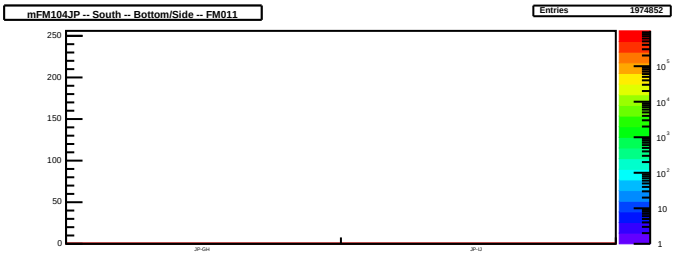
mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

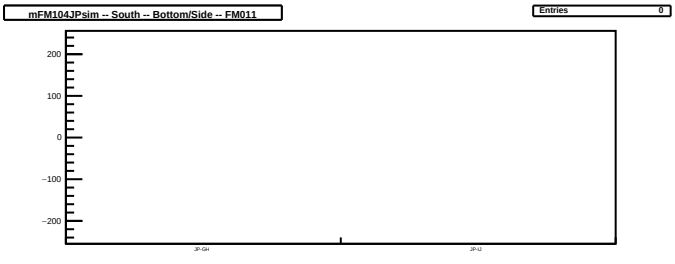

mFM104BS -- North -- Bottom/Side -- FM011
Entries 3949704
987426
987424
987426
987426
BS3
BS2
BS1
Unused

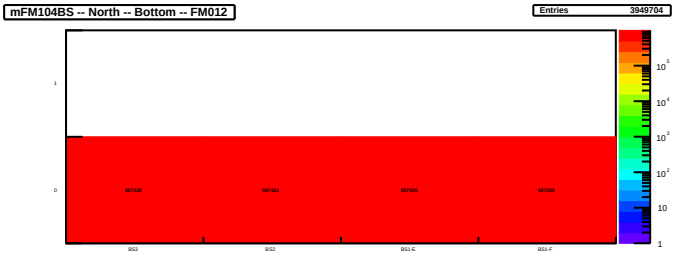

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

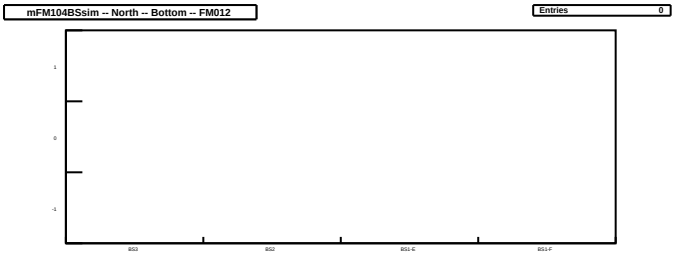

mFM104J -- South -- Bottom/Side -- FM011
Entries 987426
J(23)

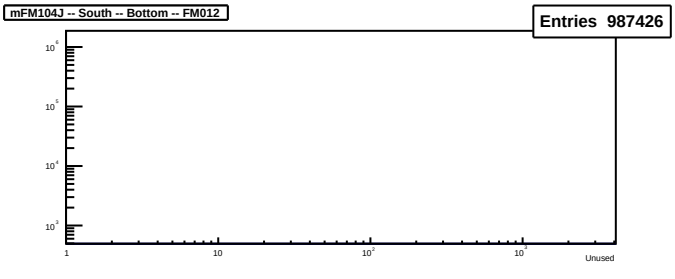

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

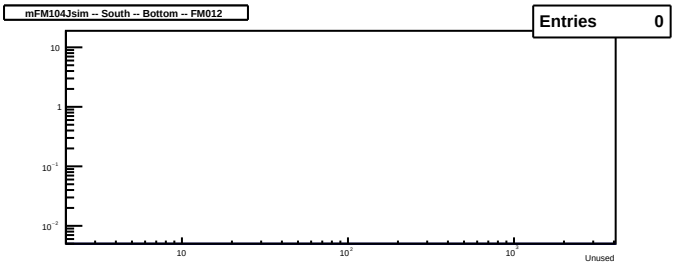

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1974852
JP-GH
JP-U


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

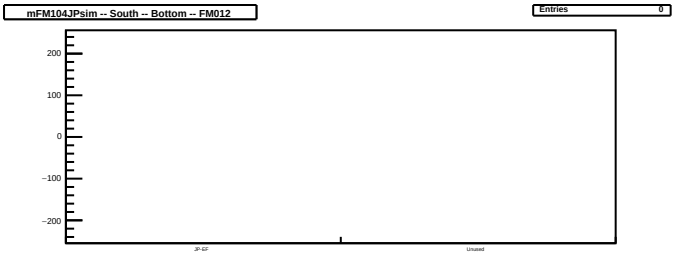

mFM104BS -- North -- Bottom -- FM012
Entries 3949704
987426
987424
987426
987426
BS3
BS2
BS1-E
BS1-F

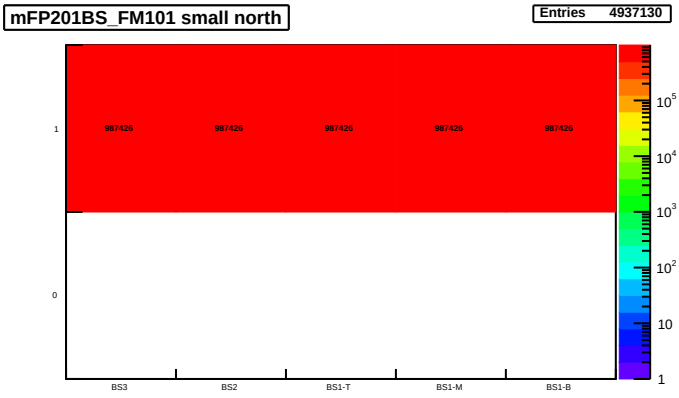

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

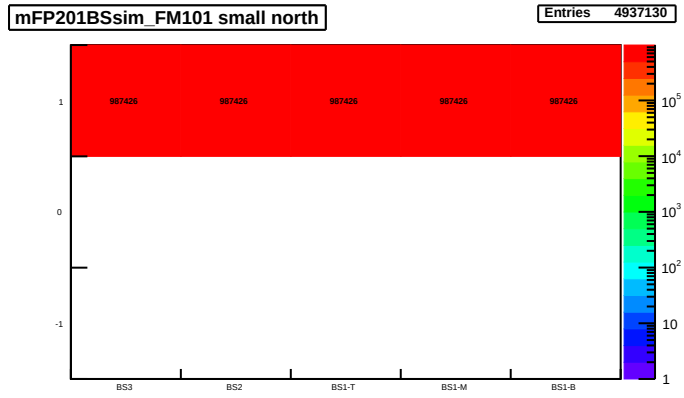

mFM104J -- South -- Bottom -- FM012
Entries 987426
Unused

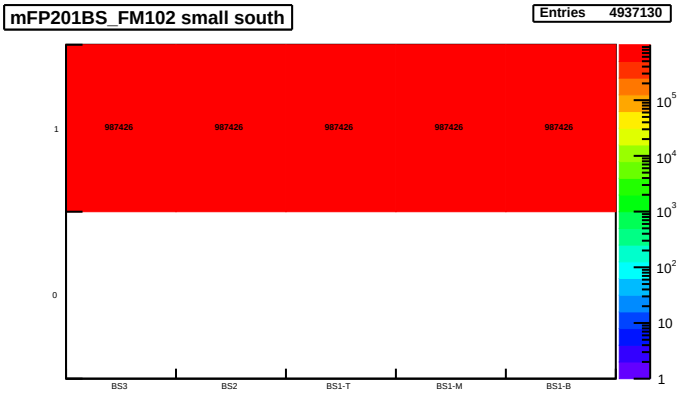

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

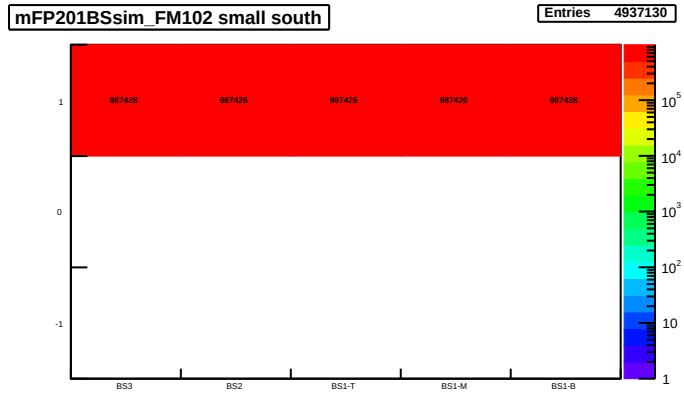
mFM104JP -- South -- Bottom -- FM012
Entries 1974852
JP-EF
Unused

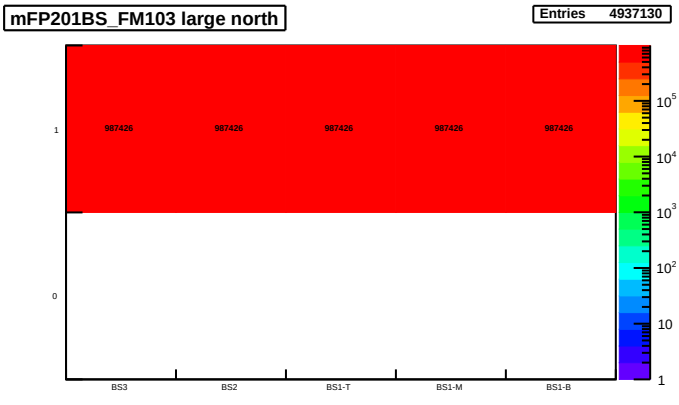

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

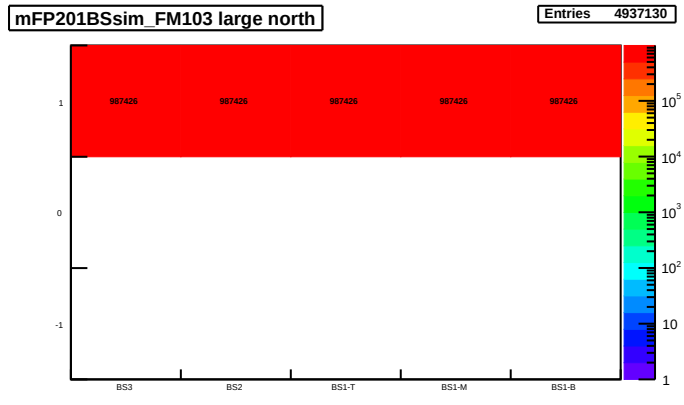

mFP201BS_FM101 small north
Entries 4937130
987426
BS3
BS2
BS1-T
BS1-M
BS1-B

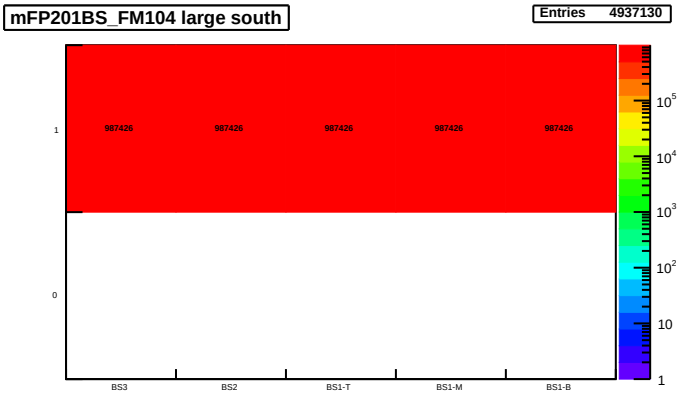

mFP201BSsim_FM101 small north
Entries 4937130
987426
BS3
BS2
BS1-T
BS1-M
BS1-B

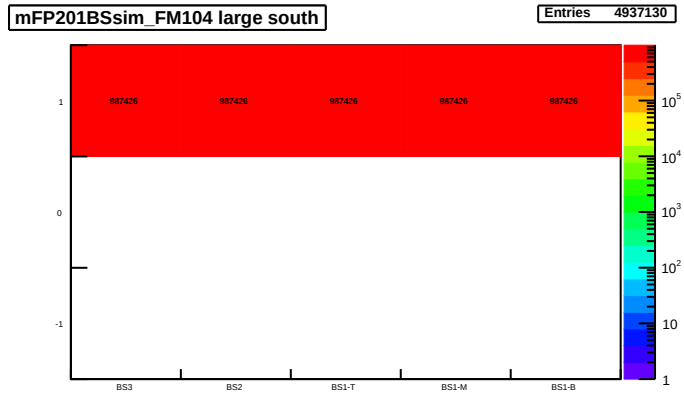

mFP201BS_FM102 small south
Entries 4937130
987426
BS3
BS2
BS1-T
BS1-M
BS1-B

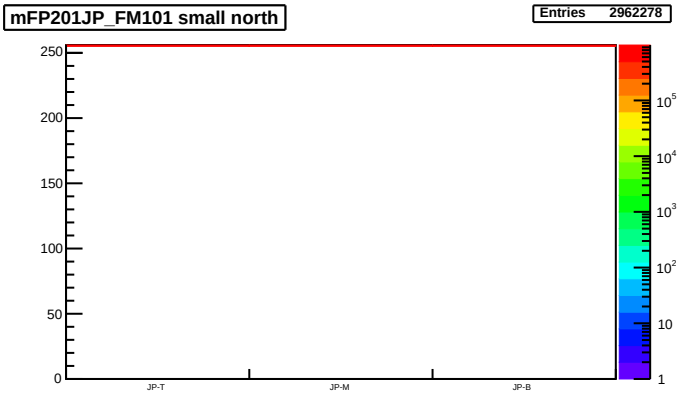

mFP201BSsim_FM102 small south
Entries 4937130
987426
BS3
BS2
BS1-T
BS1-M
BS1-B

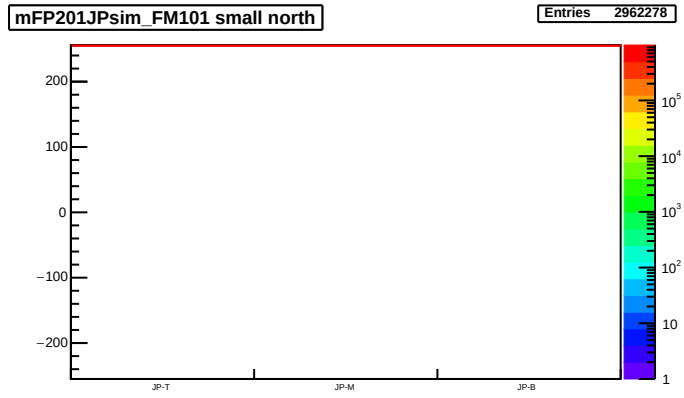

mFP201BS_FM103 large north
Entries 4937130
987426
BS3
BS2
BS1-T
BS1-M
BS1-B

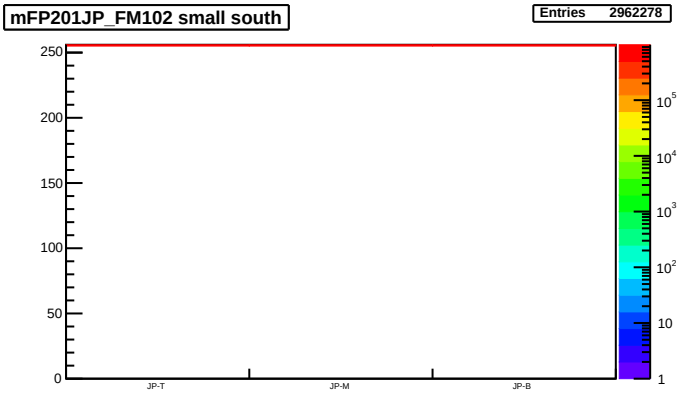

mFP201BSsim_FM103 large north
Entries 4937130
987426
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BS_FM104 large south
Entries 4937130
987426
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BSsim_FM104 large south
Entries 4937130
987426
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201JP_FM101 small north
Entries 2962278
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1


mFP201JPsim_FM101 small north
Entries 2962278
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1


mFP201JP_FM102 small south
Entries 2962278
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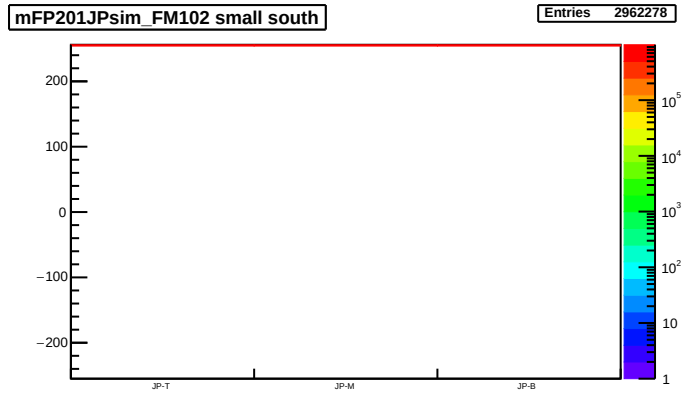
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1


mFP201JPsim_FM102 small south
Entries 2962278
200
100
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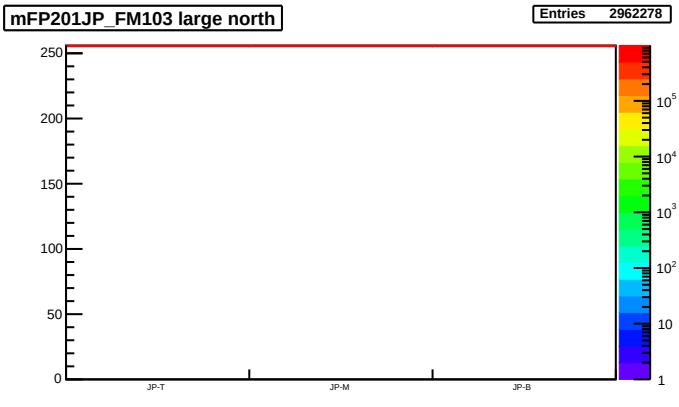
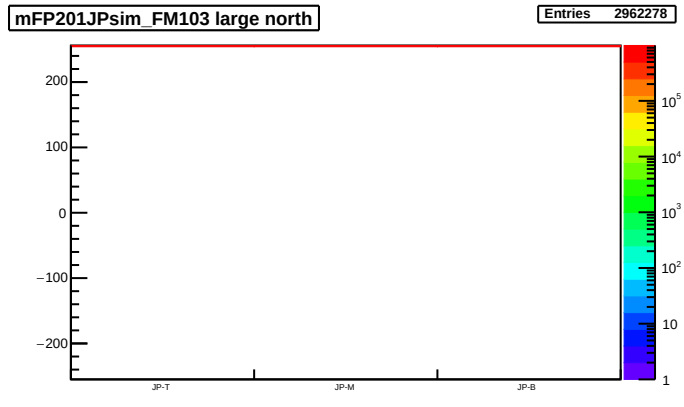
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1


mFP201JP_FM103 large north
Entries 2962278
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1


mFP201JPsim_FM103 large north
Entries 2962278
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100
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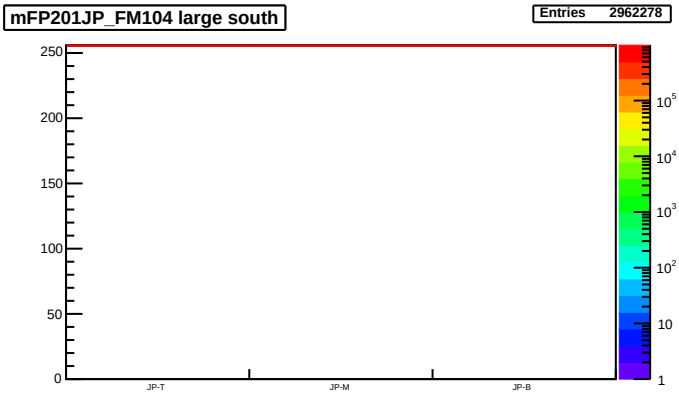
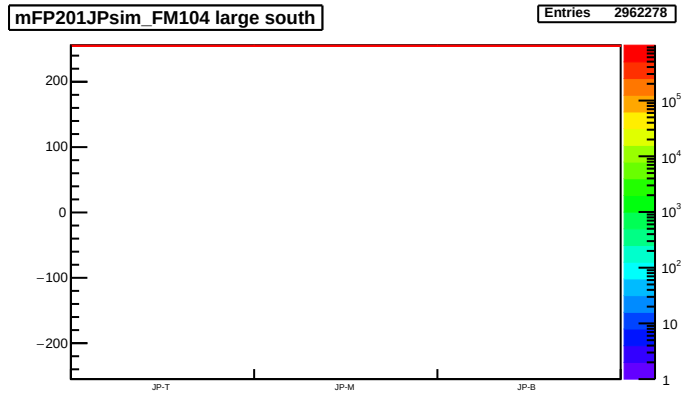
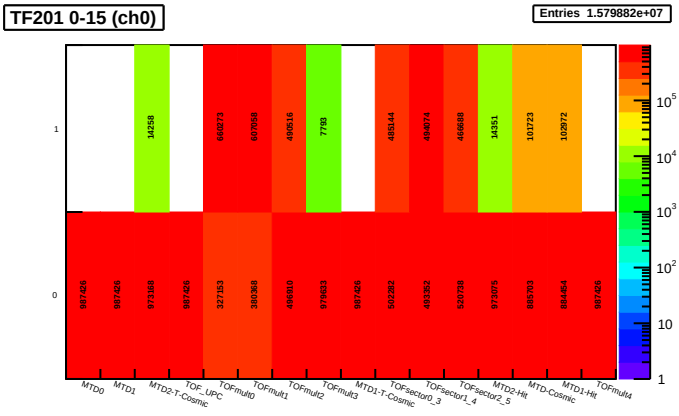
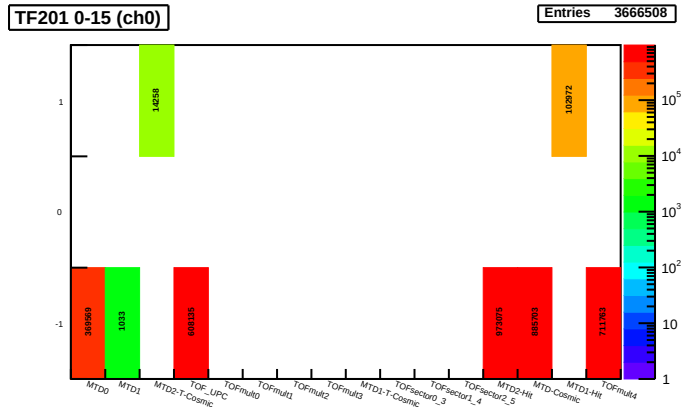
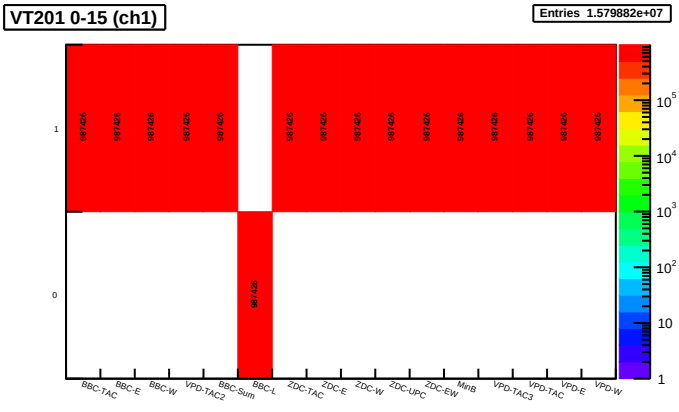
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

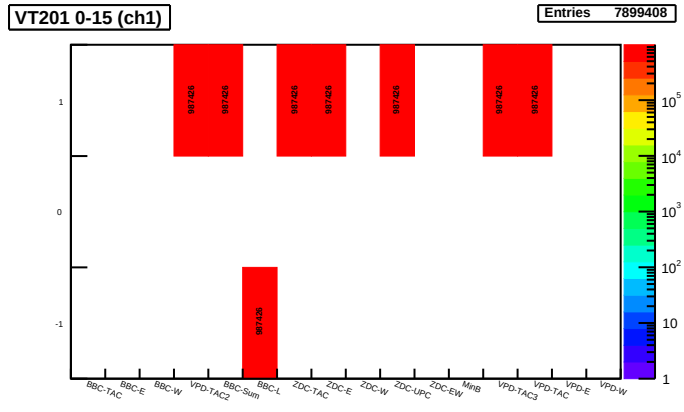

mFP201JP_FM104 large south
Entries 2962278
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

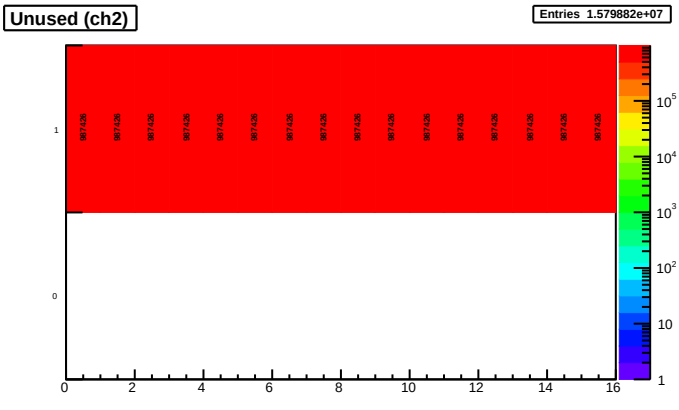

mFP201JPsim_FM104 large south
Entries 2962278
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

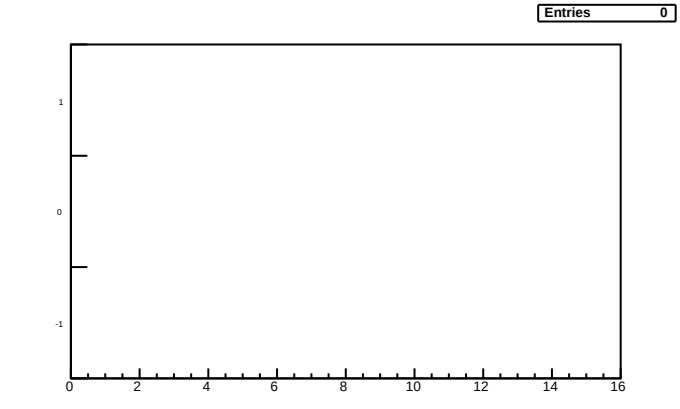

TF201 0-15 (ch0)
Entries 1.579882e+07
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

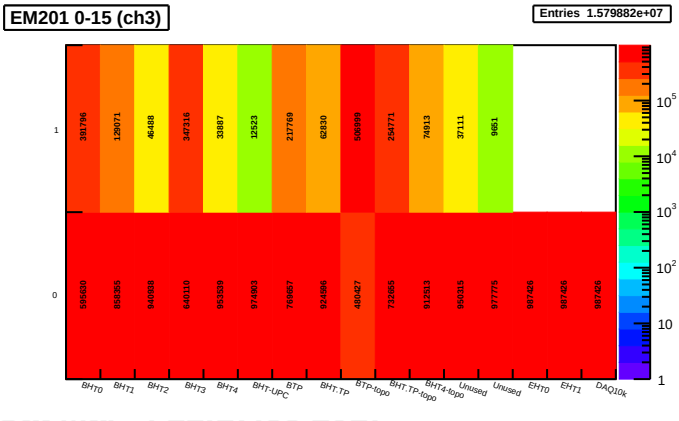

TF201 0-15 (ch0)
Entries 3666508
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

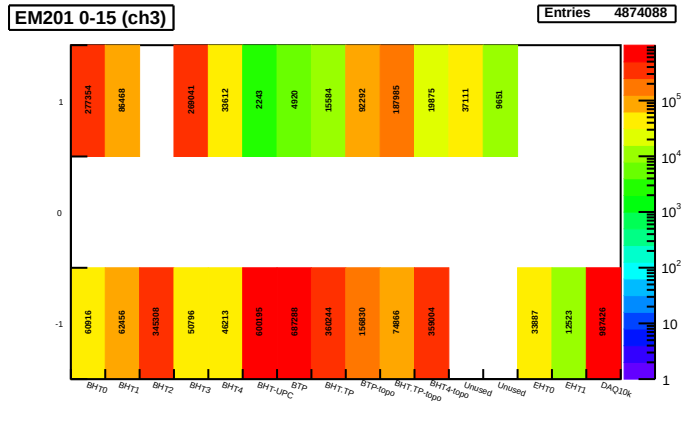

VT201 0-15 (ch1)
Entries 1.579882e+07
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

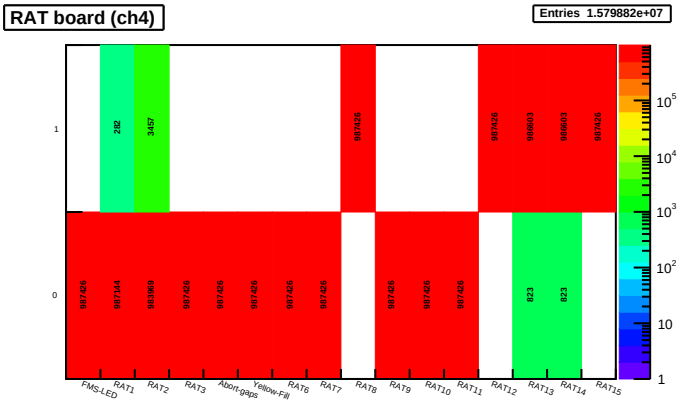

VT201 0-15 (ch1)
Entries 7899408
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

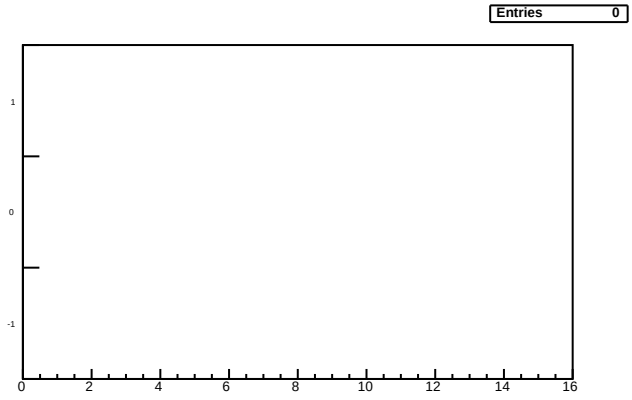

Unused (ch2)
Entries 1.579882e+07

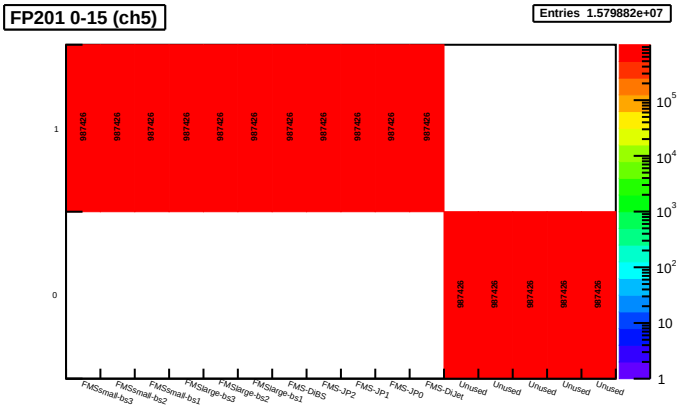

Entries 0

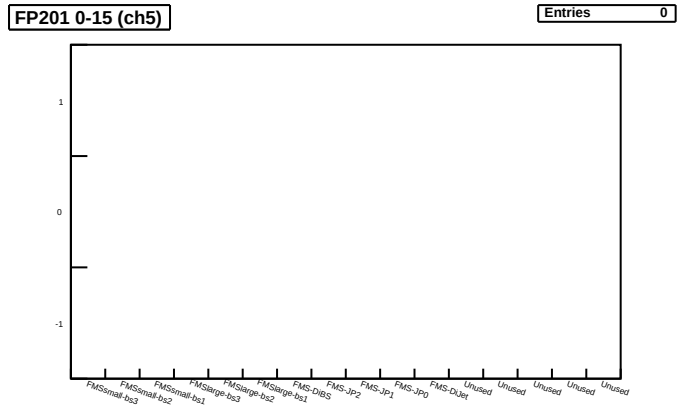

EM201 0-15 (ch3)
Entries 1.579882e+07
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

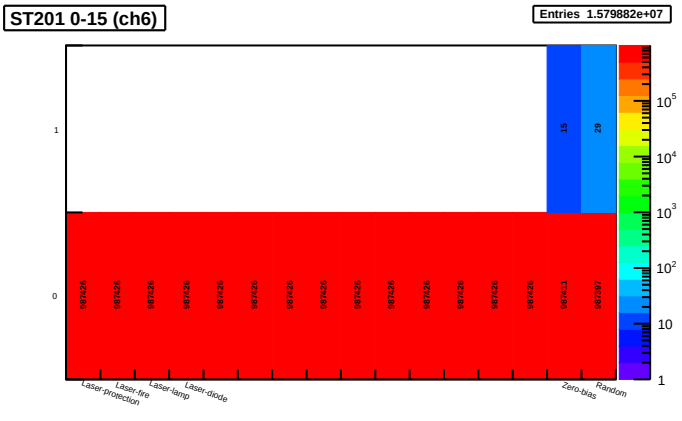

EM201 0-15 (ch3)
Entries 4874088
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

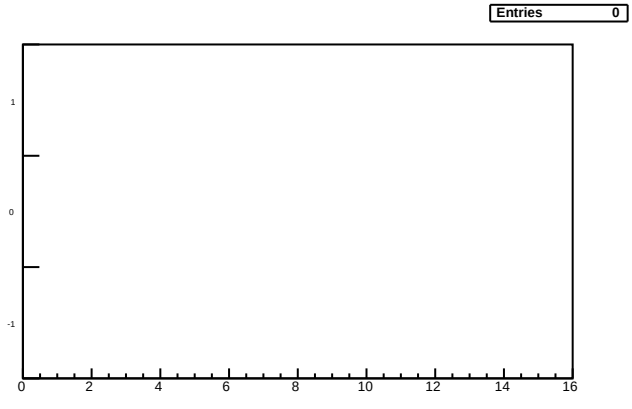

RAT board (ch4)
Entries 1.579882e+07
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

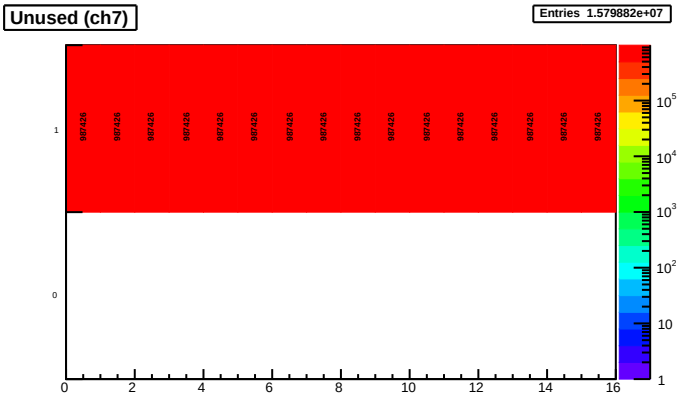

Entries 0

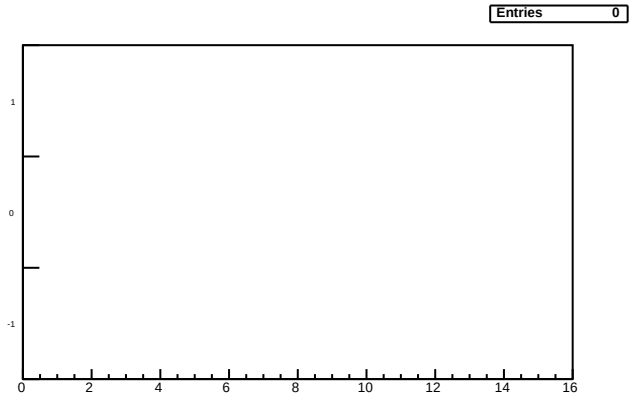

FP201 0-15 (ch5)
Entries 1.579882e+07
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-DiJet
Unused
Unused
Unused
Unused
Unused


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


ST201 0-15 (ch6)
Entries 1.579882e+07
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 1.579882e+07


Entries 0