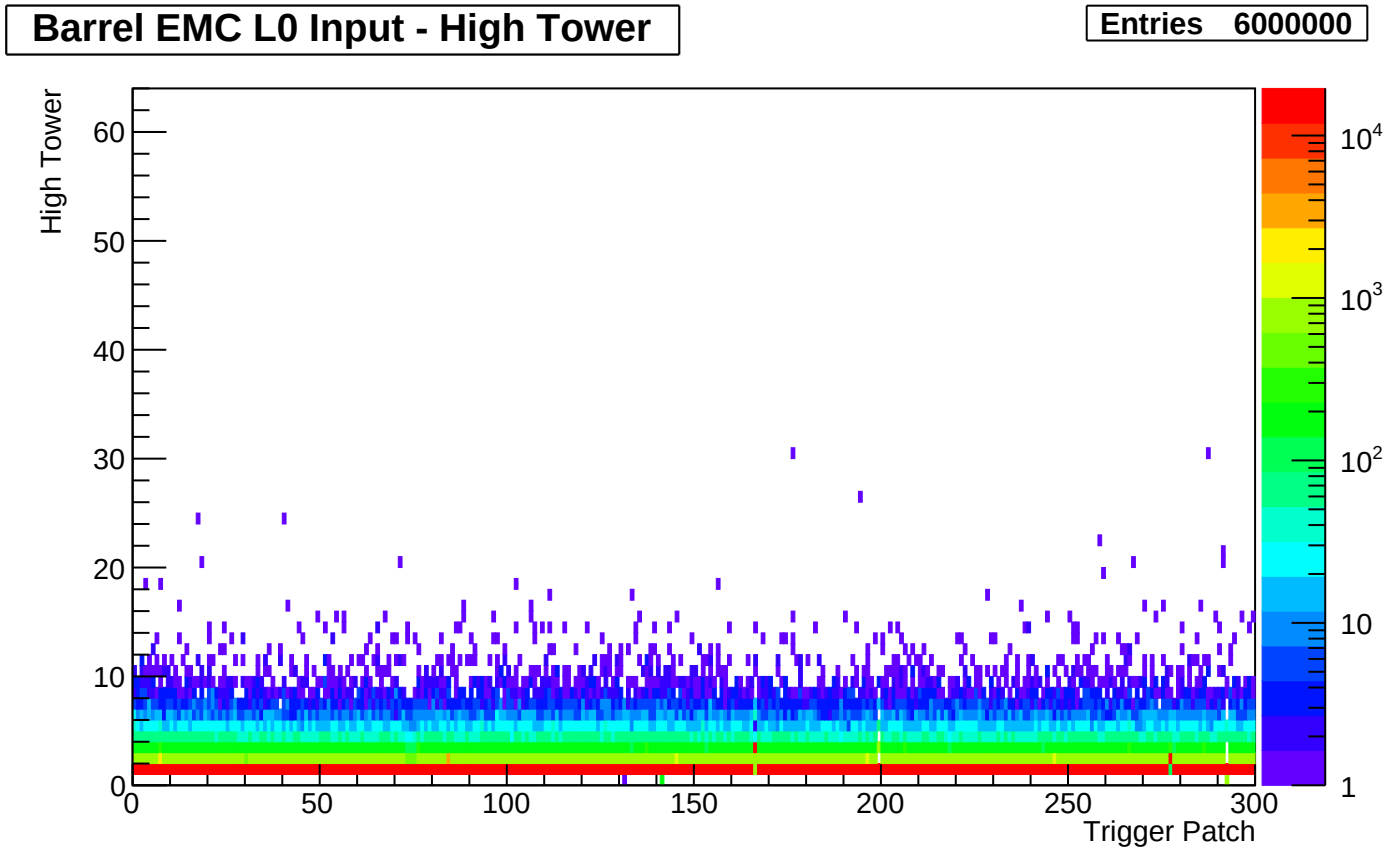
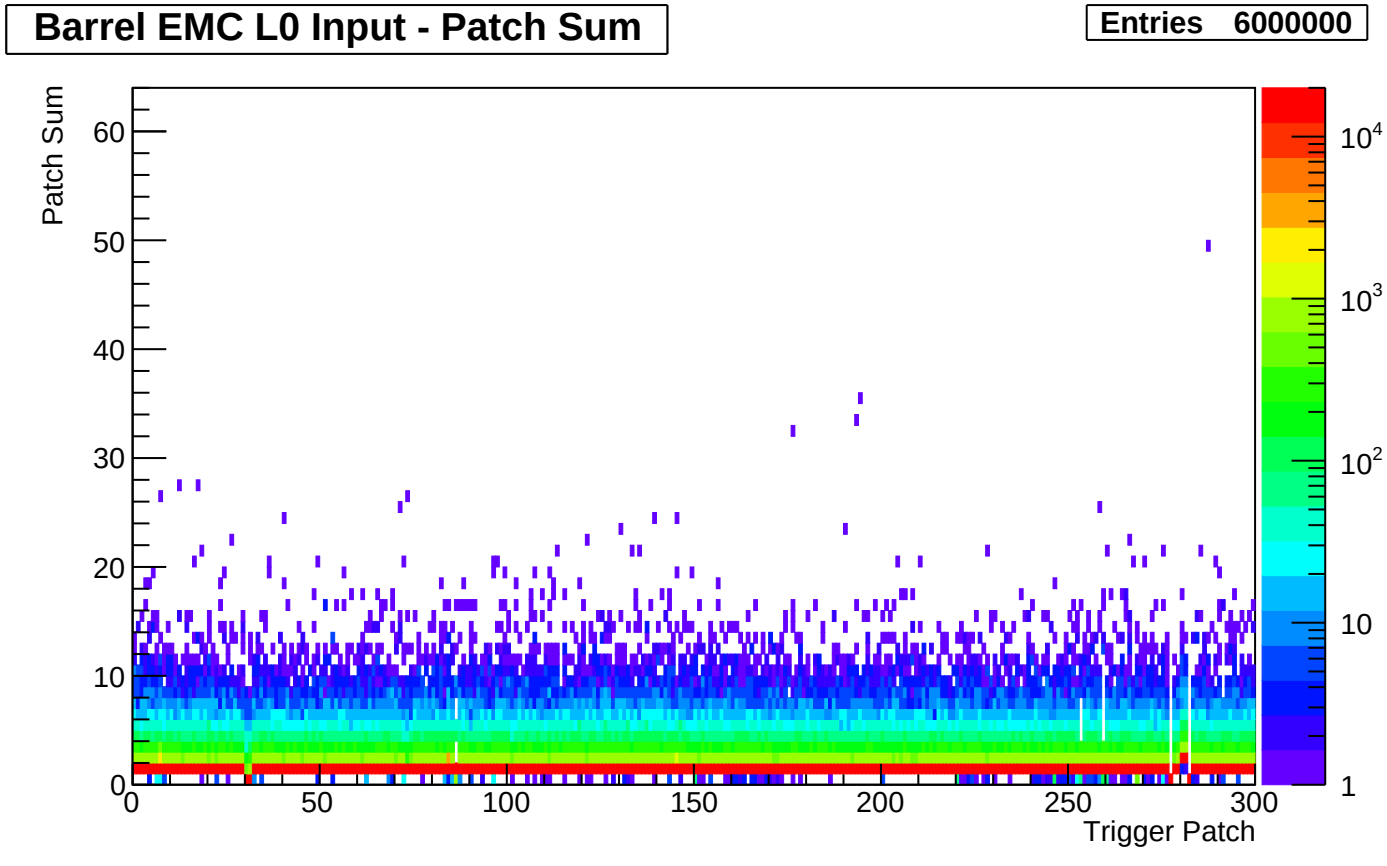
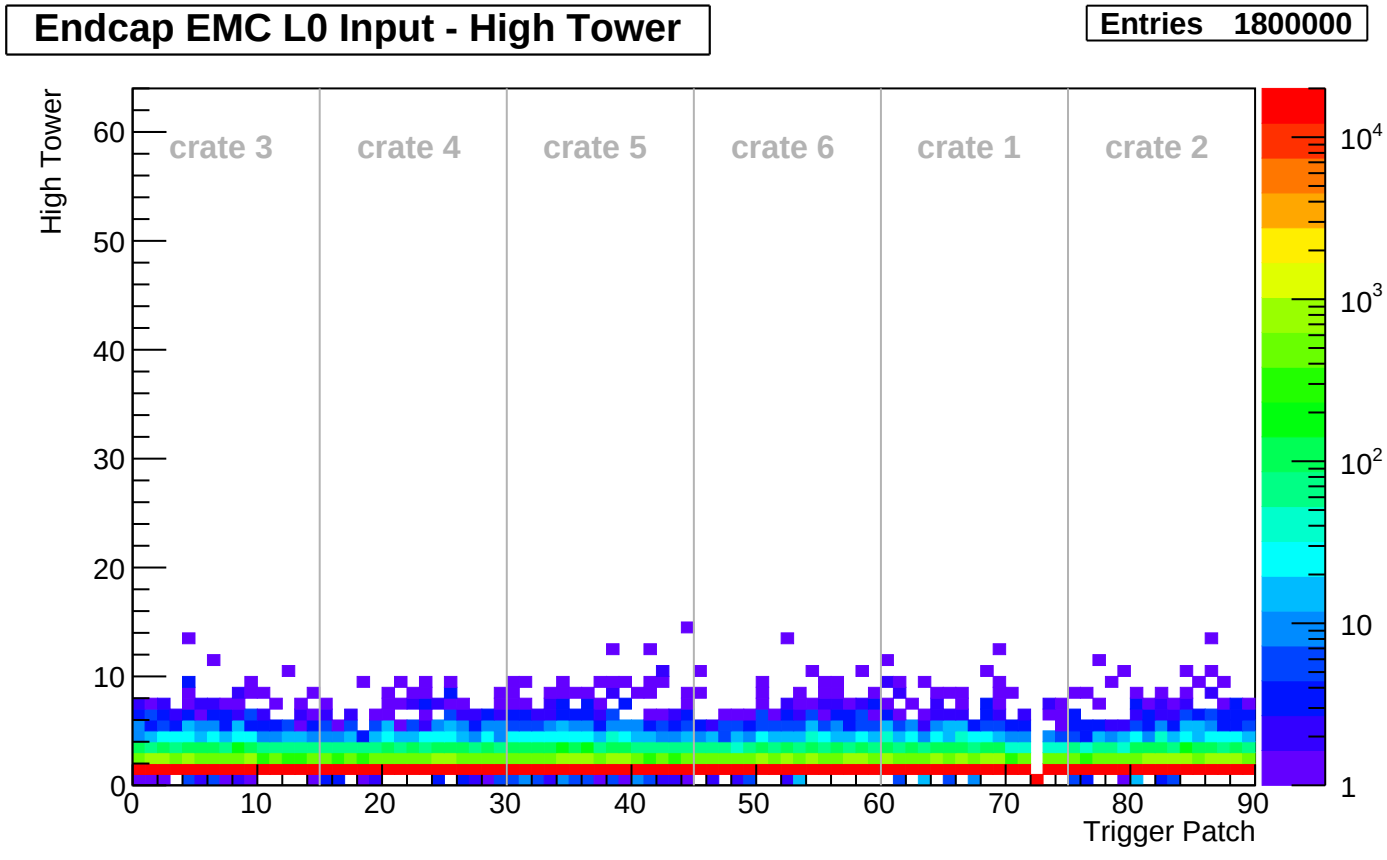
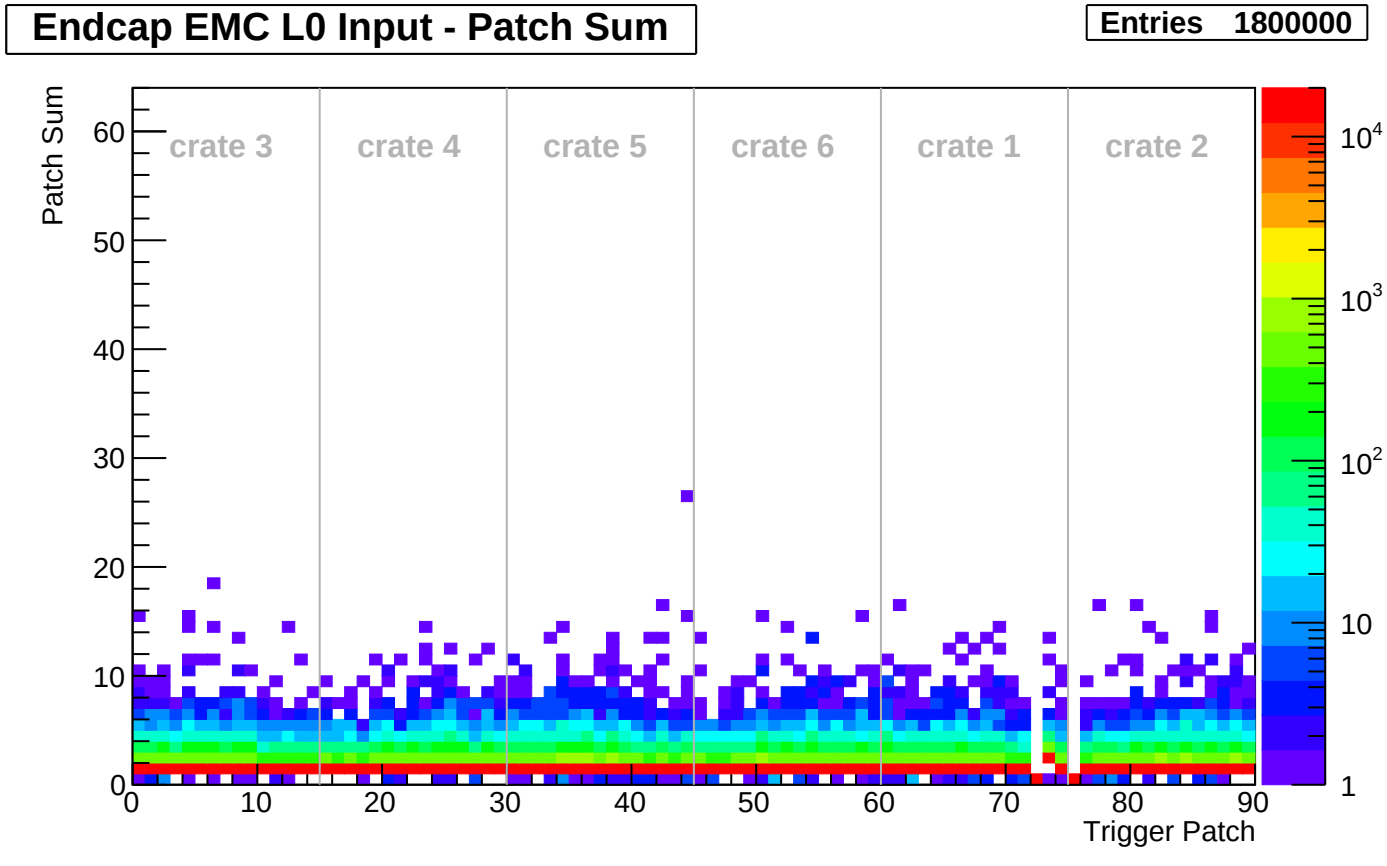
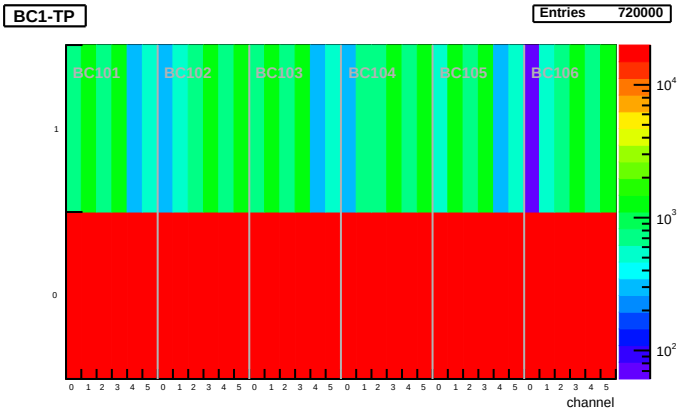
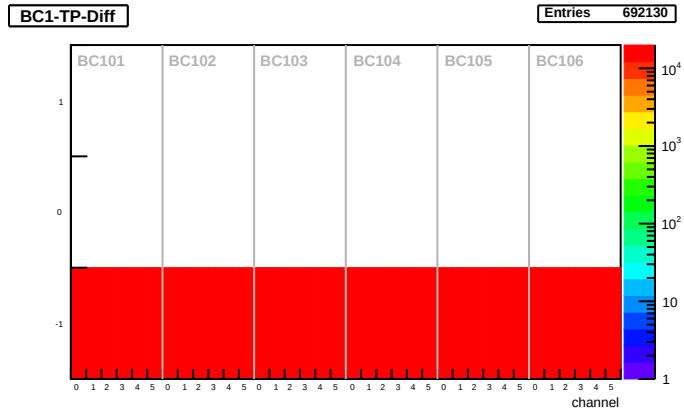

Barrel EMC L0 Input - High Tower
Entries 6000000
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

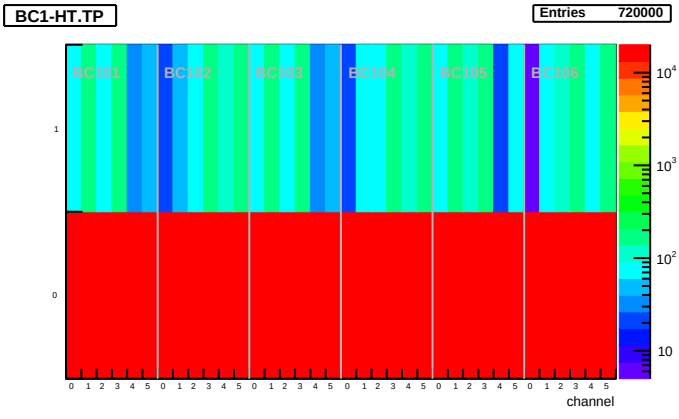

Barrel EMC L0 Input - Patch Sum
Entries 6000000
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

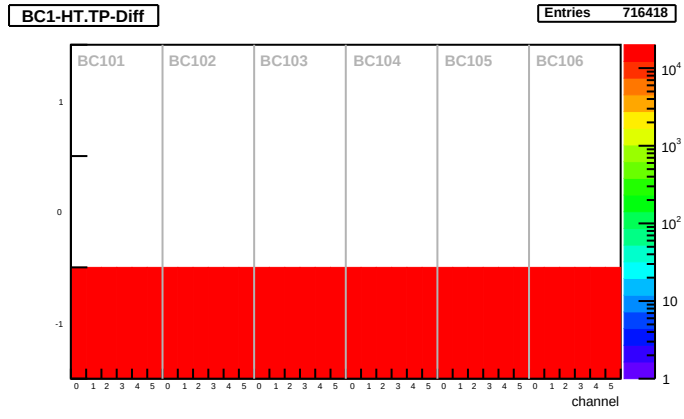

Endcap EMC L0 Input - High Tower
Entries 1800000
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3
10^4

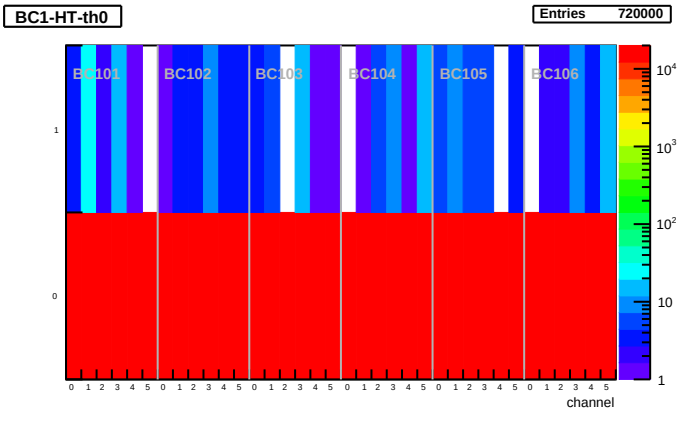

Endcap EMC L0 Input - Patch Sum
Entries 1800000
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3
10^4

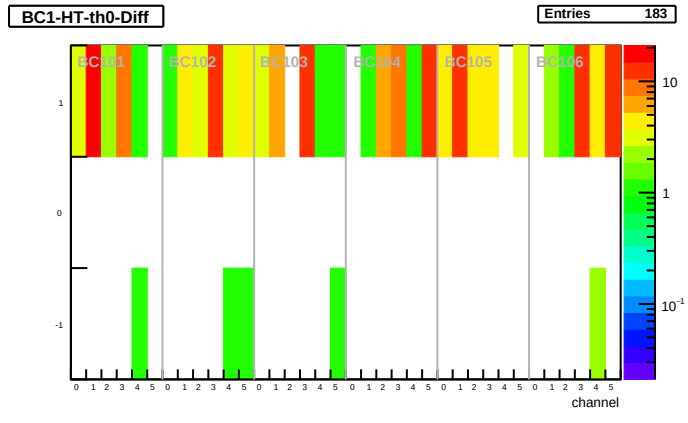

BC1-TP
Entries 720000
BC101
BC102
BC103
BC104
BC105
BC106
channel

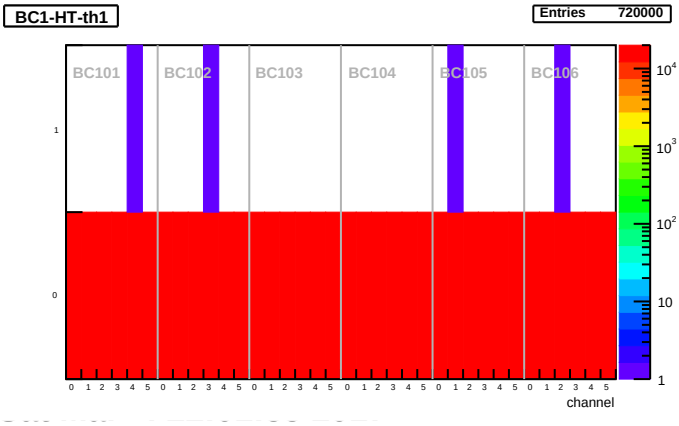

BC1-TP-Diff
Entries 692130
BC101
BC102
BC103
BC104
BC105
BC106
channel

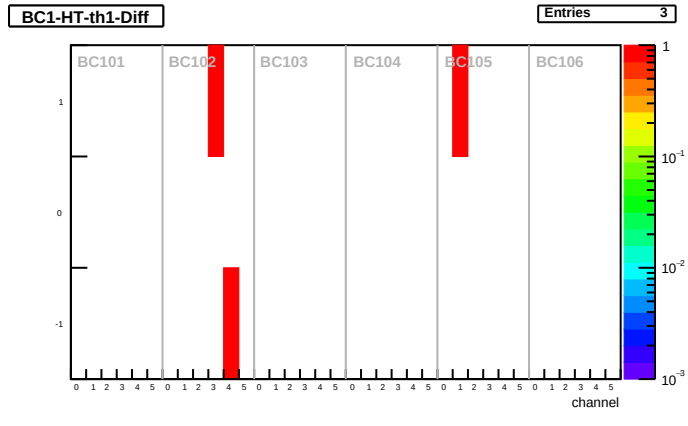

BC1-HT.TP
Entries 720000
BC101
BC102
BC103
BC104
BC105
BC106
channel

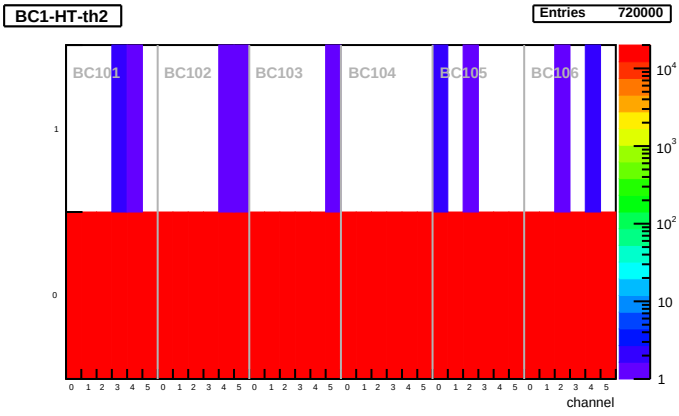

BC1-HT.TP-Diff
Entries 716418
BC101
BC102
BC103
BC104
BC105
BC106
channel

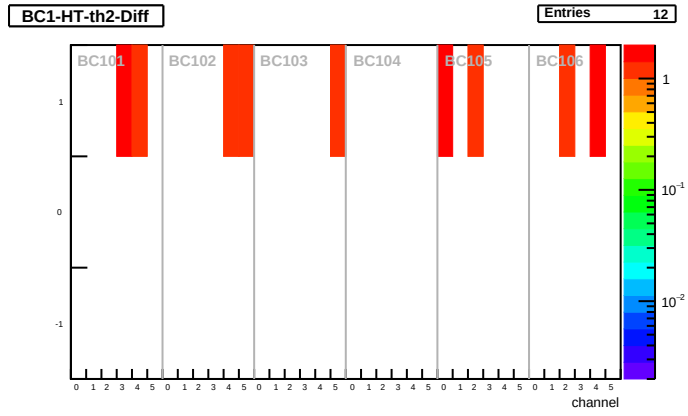

BC1-HT-th0
Entries 720000
BC101
BC102
BC103
BC104
BC105
BC106
channel

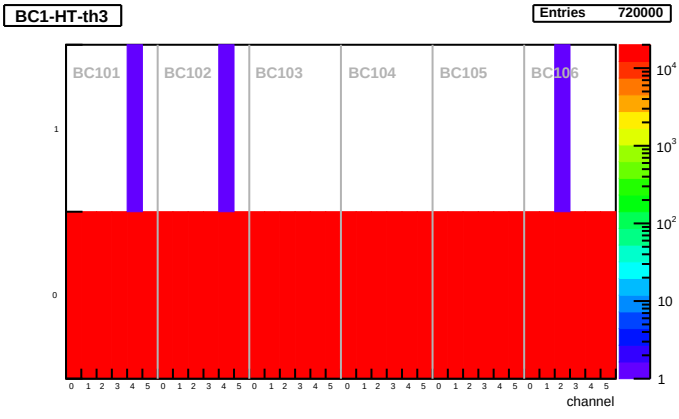

BC1-HT-th0-Diff
Entries 183
BC101
BC102
BC103
BC104
BC105
BC106
channel

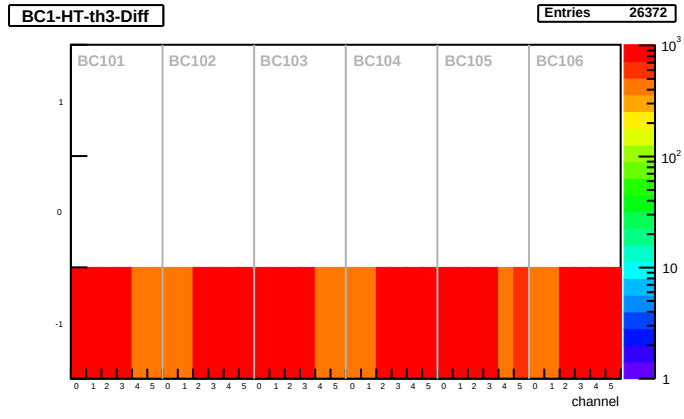

BC1-HT-th1
Entries 720000
BC101
BC102
BC103
BC104
BC105
BC106
channel

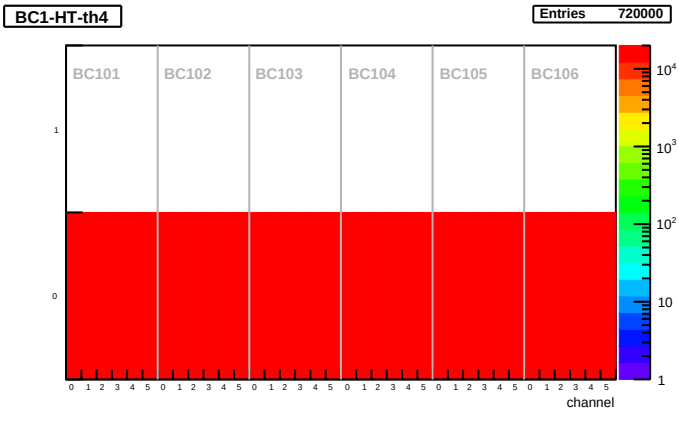

BC1-HT-th1-Diff
Entries 3
BC101
BC102
BC103
BC104
BC105
BC106
channel

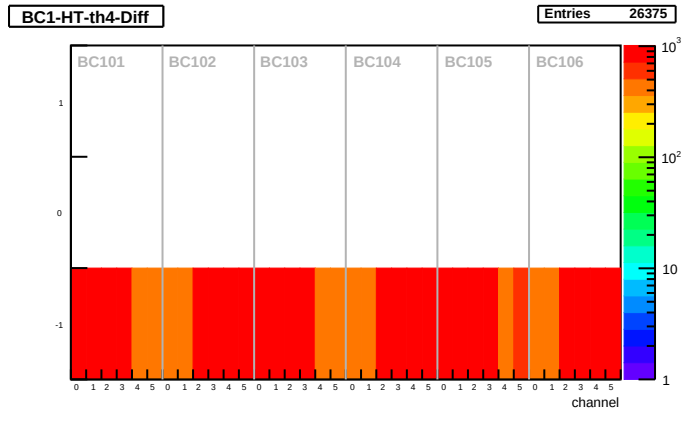

BC1-HT-th2
Entries 720000
BC101
BC102
BC103
BC104
BC105
BC106
channel

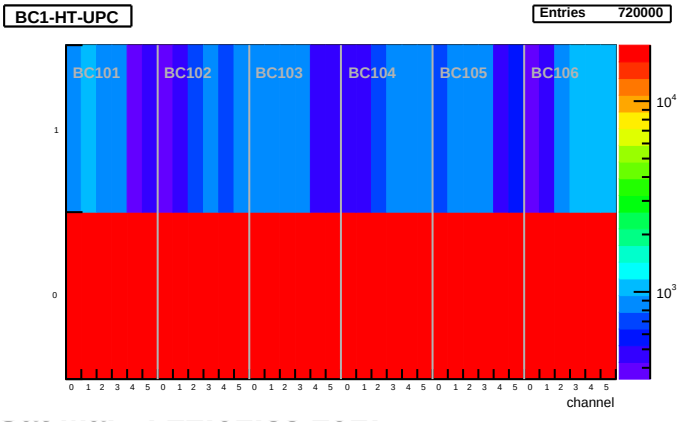

BC1-HT-th2-Diff
Entries 12
BC101
BC102
BC103
BC104
BC105
BC106
channel

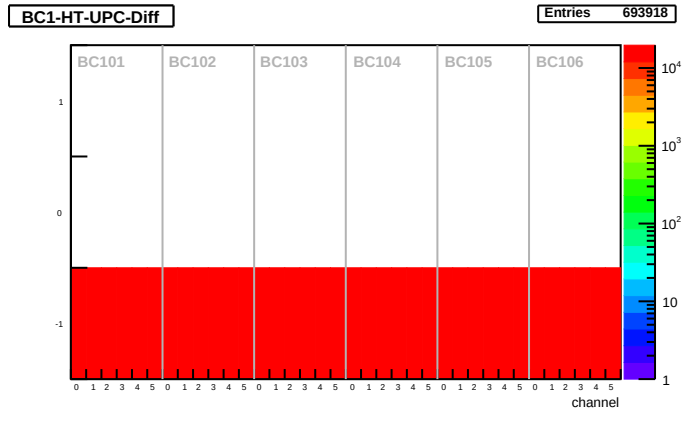

BC1-HT-th3
Entries 720000
BC101
BC102
BC103
BC104
BC105
BC106
channel

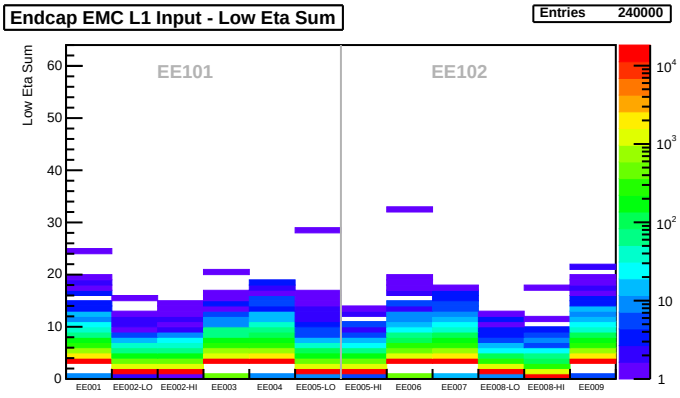

BC1-HT-th3-Diff
Entries 26372
BC101
BC102
BC103
BC104
BC105
BC106
channel

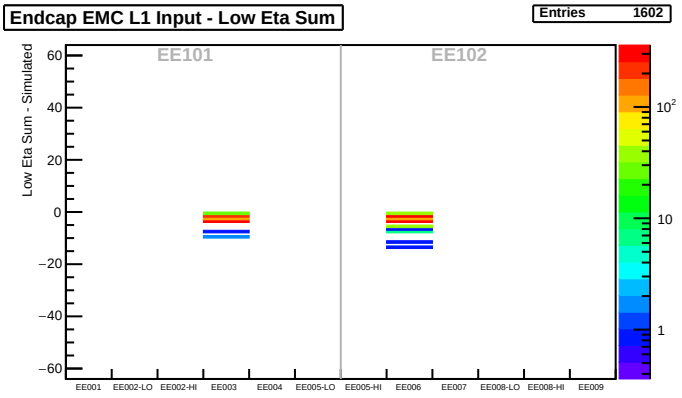

BC1-HT-th4
Entries 720000
BC101
BC102
BC103
BC104
BC105
BC106
channel

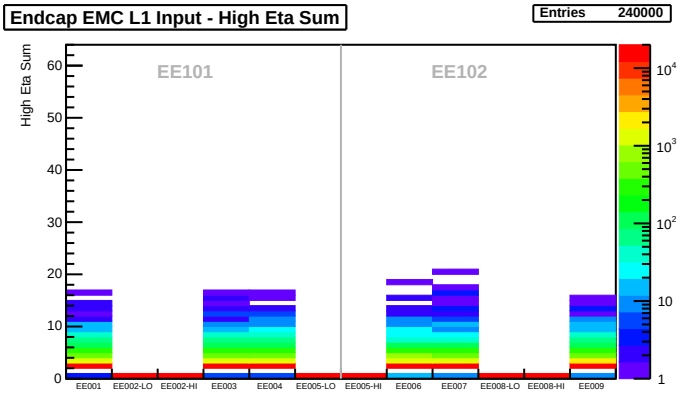

BC1-HT-th4-Diff
Entries 26375
BC101
BC102
BC103
BC104
BC105
BC106
channel

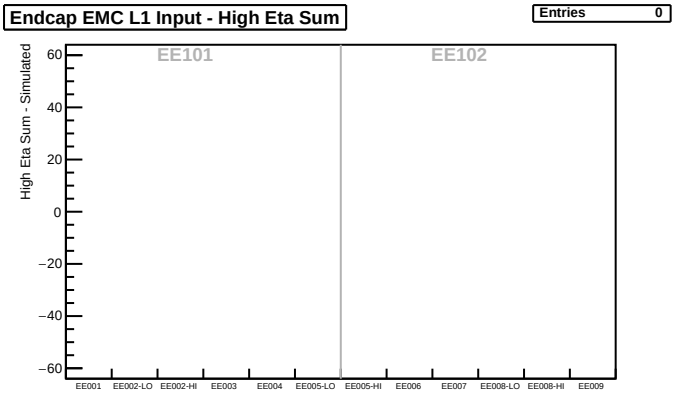

BC1-HT-UPC
Entries 720000
BC101
BC102
BC103
BC104
BC105
BC106
channel

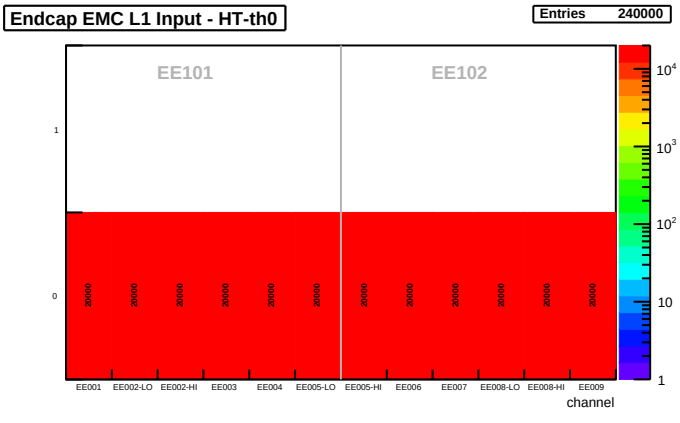

BC1-HT-UPC-Diff
Entries 693918
BC101
BC102
BC103
BC104
BC105
BC106
channel

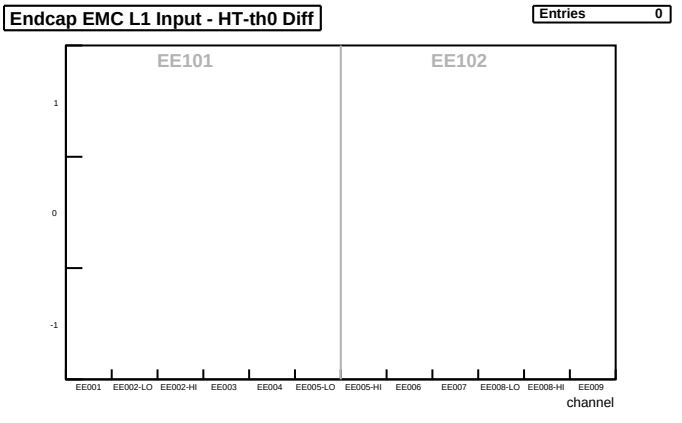

Endcap EMC L1 Input - Low Eta Sum
Entries 240000
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

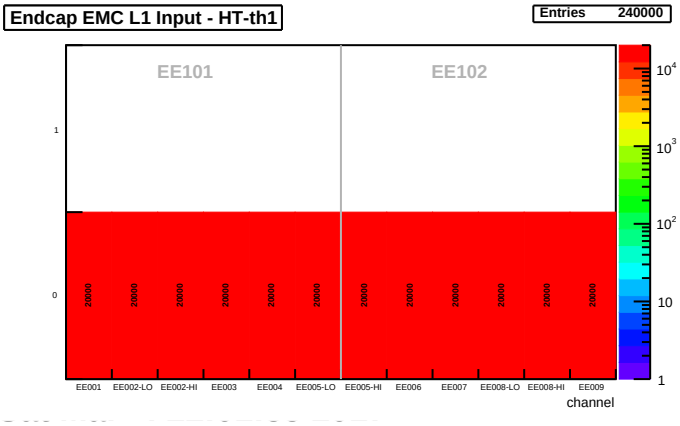

Endcap EMC L1 Input - Low Eta Sum
Entries 1602
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

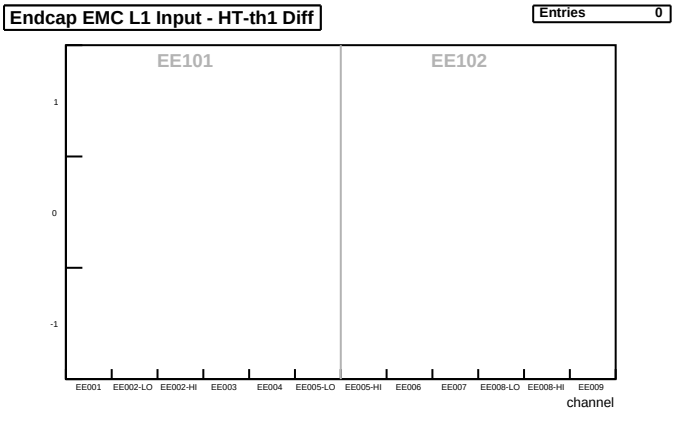

Endcap EMC L1 Input - High Eta Sum
Entries 240000
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

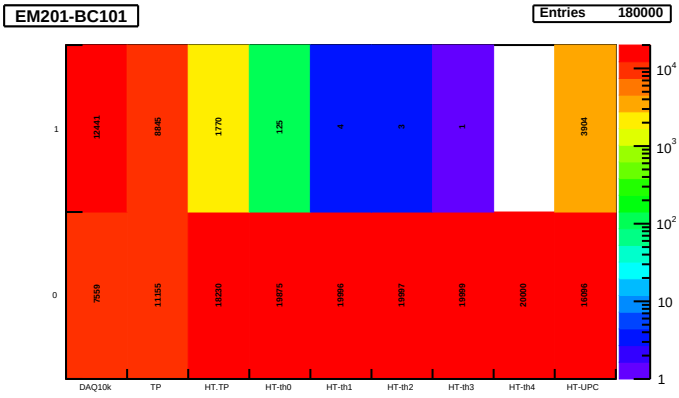

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

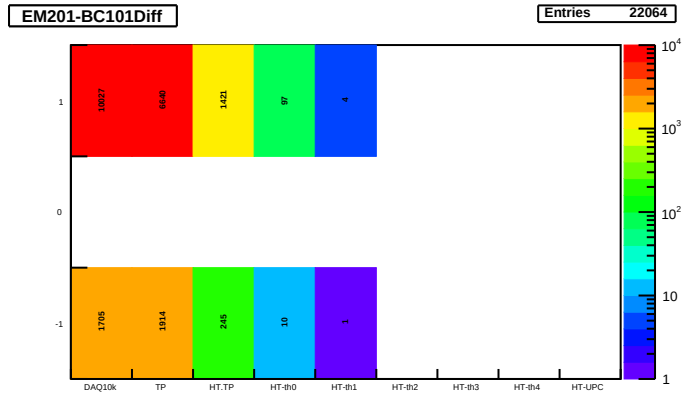

Endcap EMC L1 Input - HT-th0
Entries 240000
EE101
EE102
20000
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

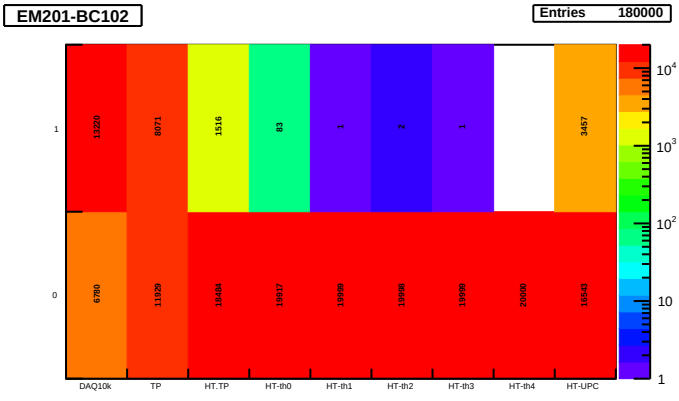

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

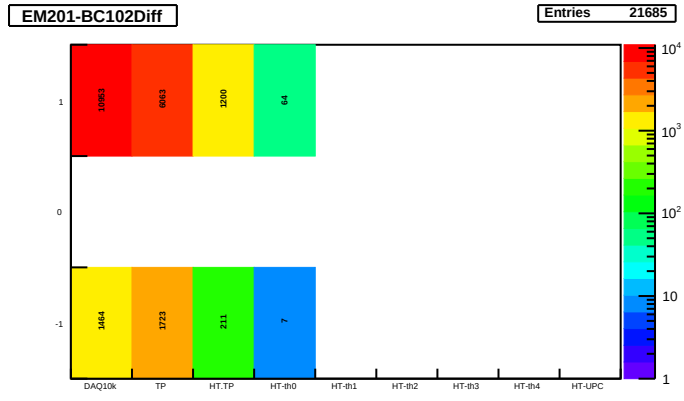

Endcap EMC L1 Input - HT-th1
Entries 240000
EE101
EE102
20000
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

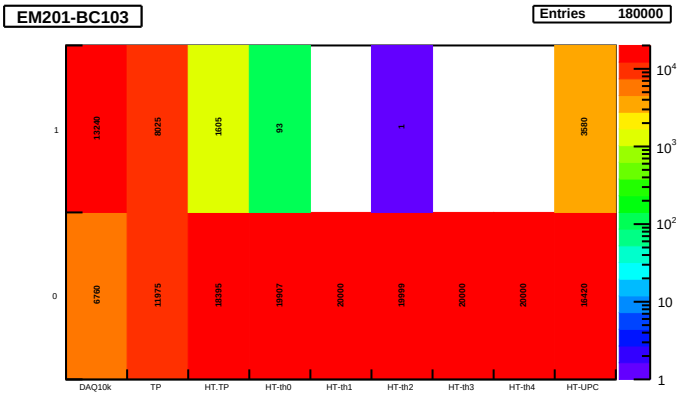

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

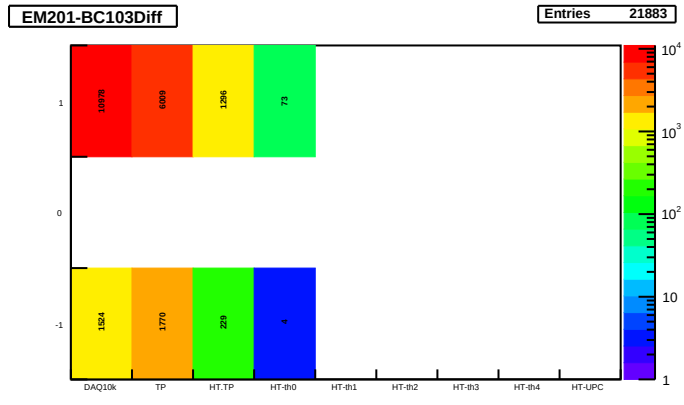

EM201-BC101
Entries 180000
1 12441 8845 1770 125 4 3 1 3904
0 7559 11155 18220 19875 19996 19997 19999 20000 16096
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1

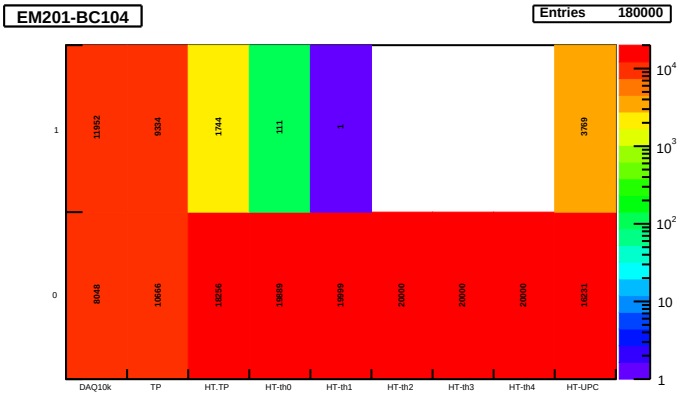

EM201-BC101Diff
Entries 22064
1 10027 6640 1421 97 4
0
-1 1705 1914 245 10 1
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1

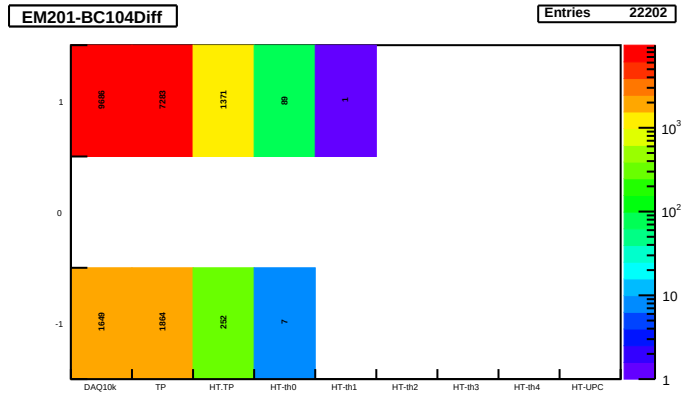

EM201-BC102
Entries 180000
1 13220 8071 1516 83 1 2 1 3457
0 6780 11929 18484 19917 19999 19998 19999 20000 16543
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1


EM201-BC102Diff
Entries 21685
1 10953 6063 1200 64
0
-1 1464 1723 211 7
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1


EM201-BC103
Entries 180000
1 13240 8025 1605 93 1 3580
0 6760 11975 18395 19907 20000 19999 20000 20000 16420
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1

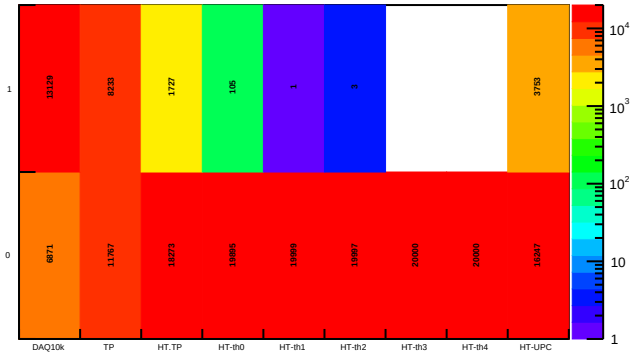

EM201-BC103Diff
Entries 21883
1 10978 6009 1296 73
0
-1 1324 1770 229 4
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1


EM201-BC104
Entries 180000
1 11952 8334 1744 111 1 3769
0 8048 10666 18256 18889 19999 20000 20000 20000 16231
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1


EM201-BC104Diff
Entries 22202
1 9686 7283 1371 89 1
0
-1 1649 1884 252 7
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1

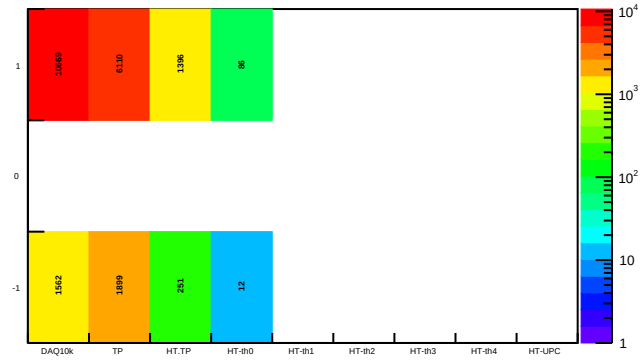
EM201-BC105

Entries 180000



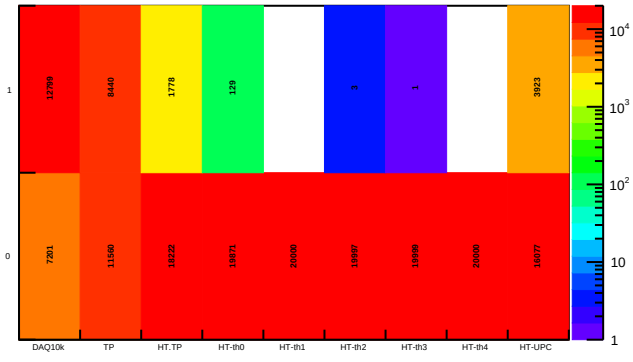
EM201-BC105Diff

Entries 21985



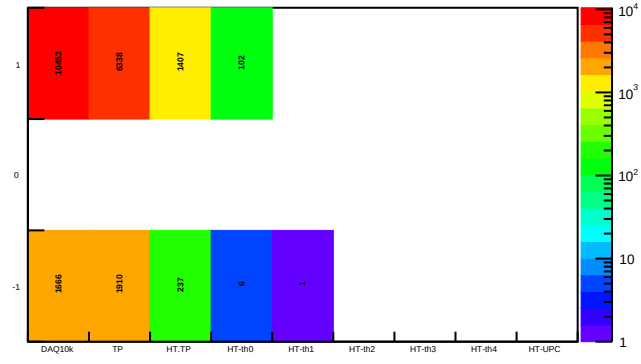
EM201-BC106

Entries 180000



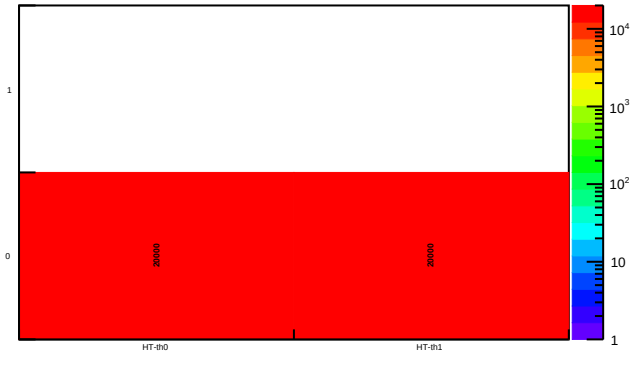
EM201-BC106Diff

Entries 22120



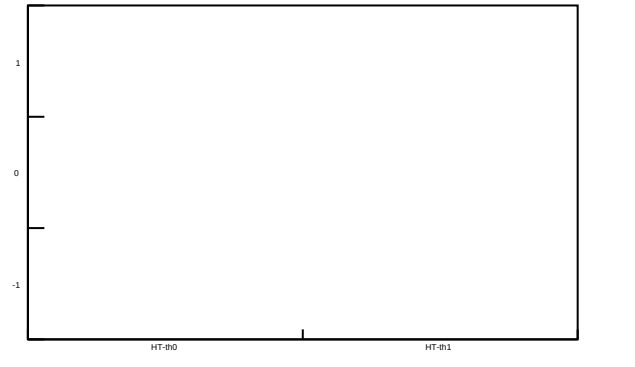
EM201-EE101

Entries 40000



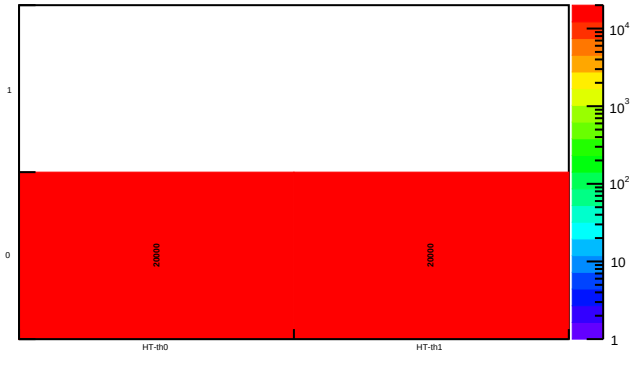
EM201-EE101Diff

Entries 0



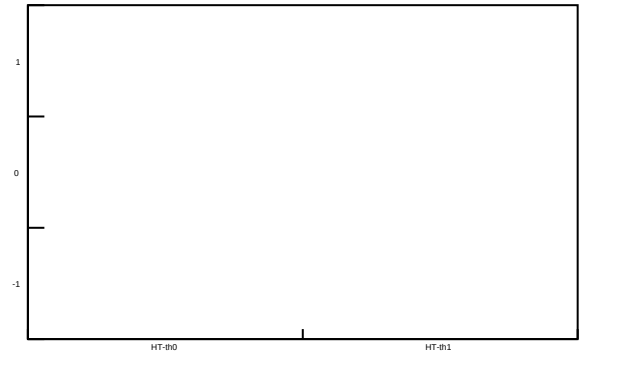
EM201-EE102

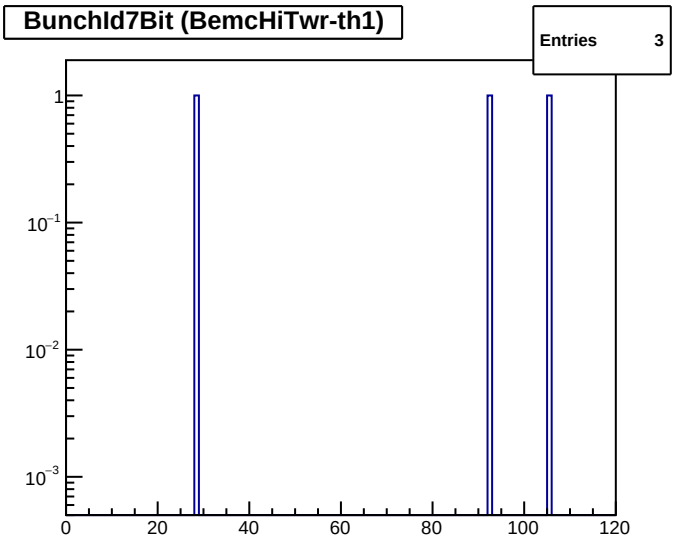
Entries 40000

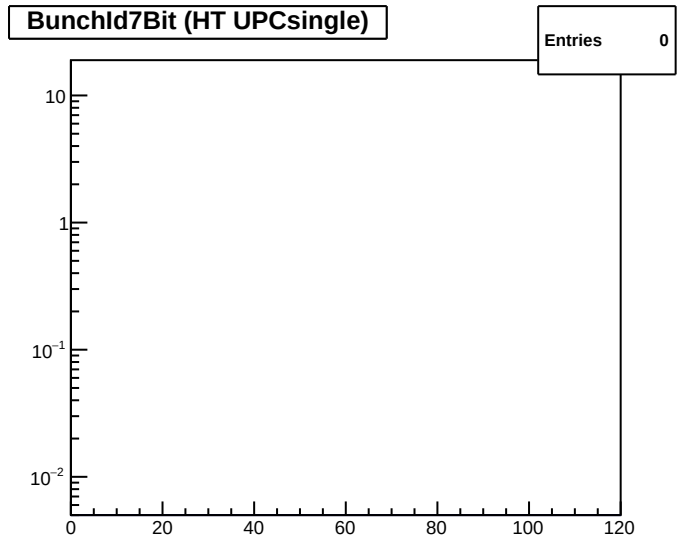


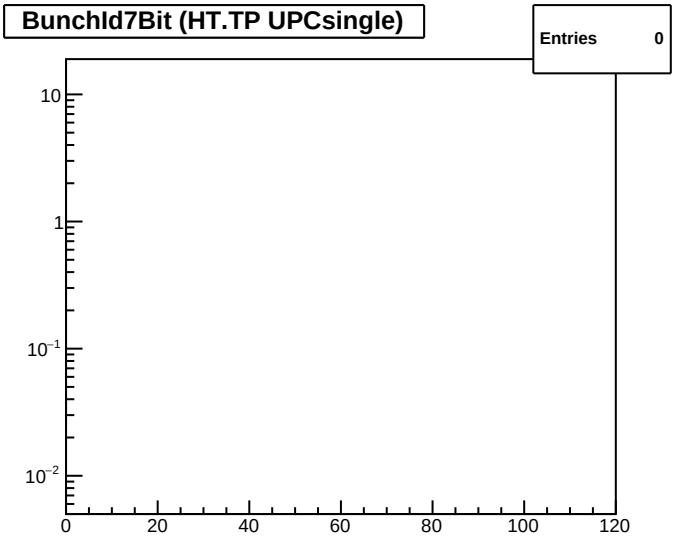
EM201-EE102Diff

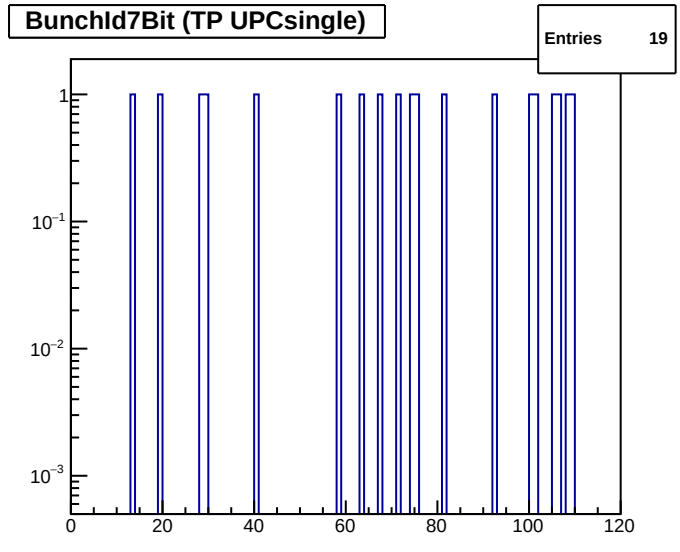
Entries 0

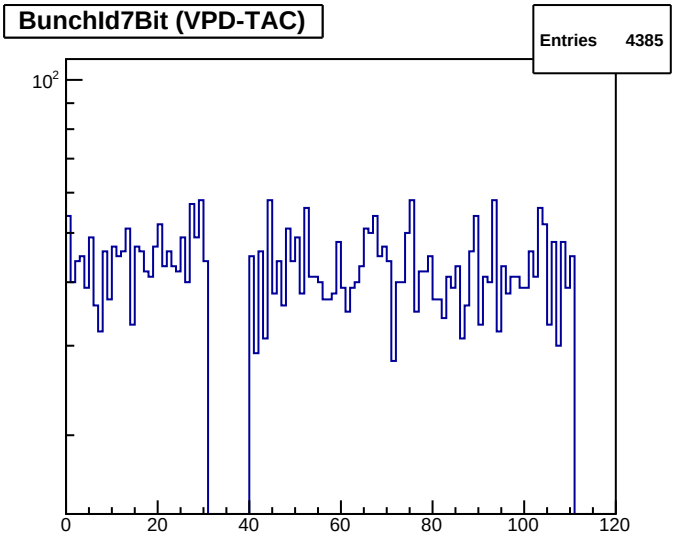


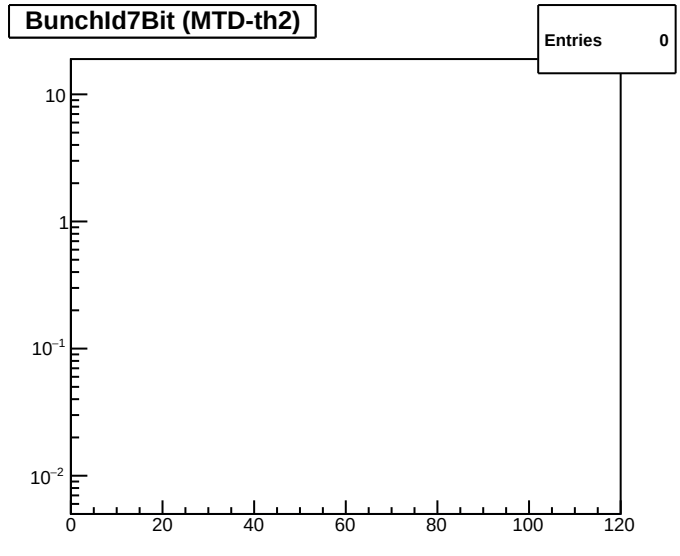

BunchId7Bit (BemcHiTwr-th1)
Entries 3

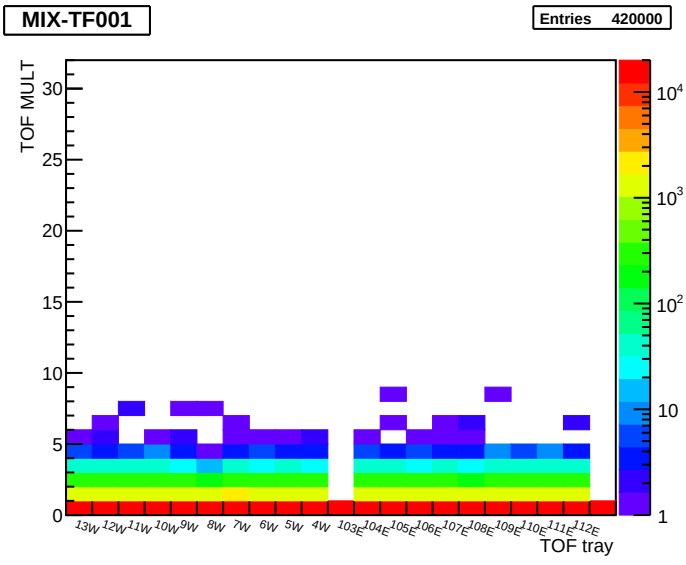

BunchId7Bit (HT UPCsingle)
Entries 0

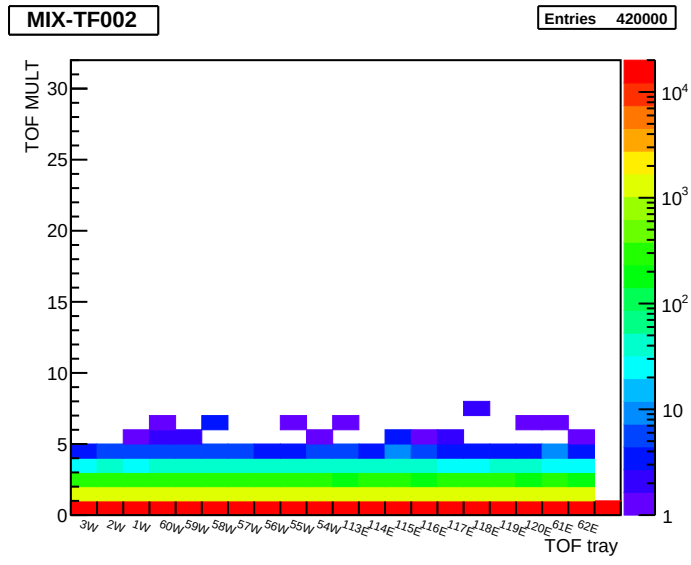

BunchId7Bit (HT.TP UPCsingle)
Entries 0

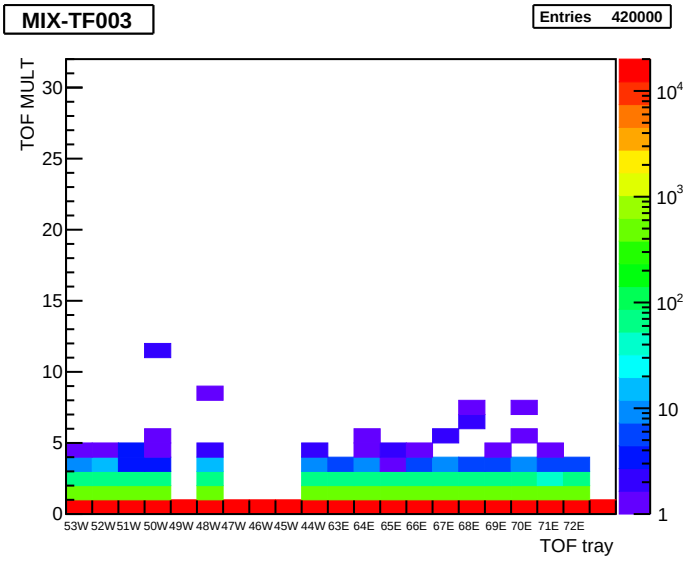

BunchId7Bit (TP UPCsingle)
Entries 19

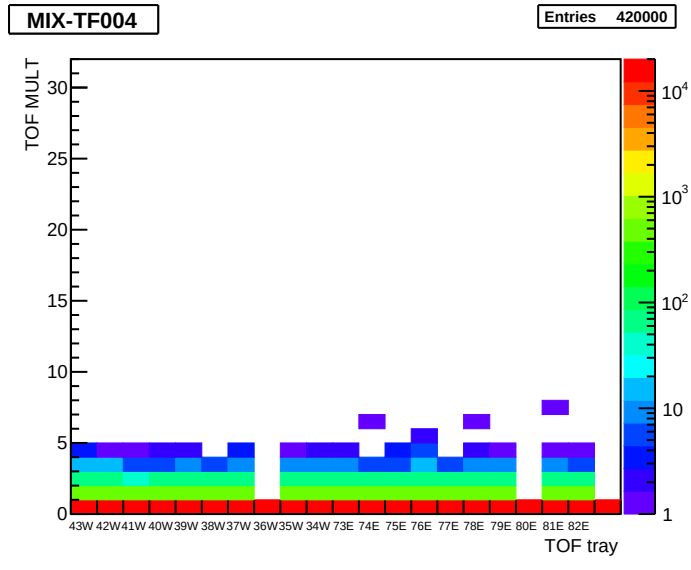

BunchId7Bit (VPD-TAC)
Entries 4385

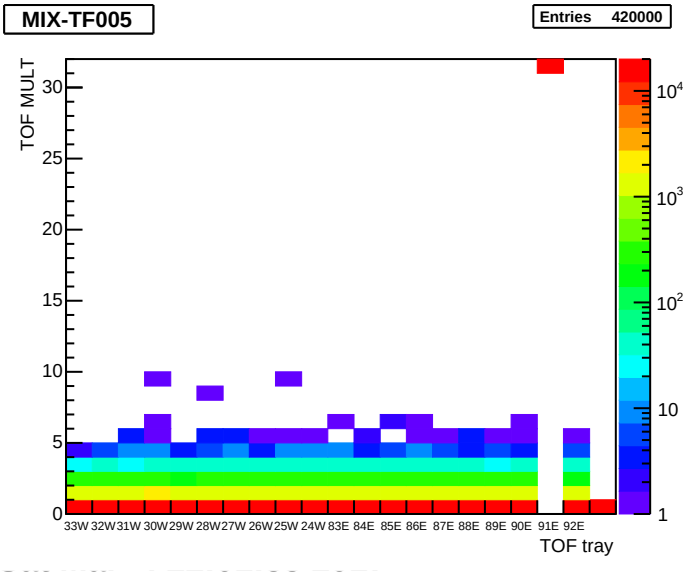

BunchId7Bit (MTD-th2)
Entries 0

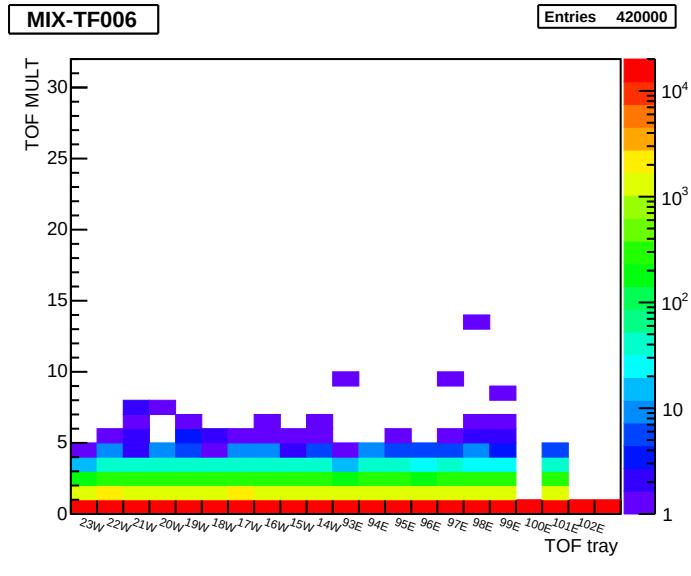

MIX-TF001
Entries 420000
TOF MULT
TOF tray

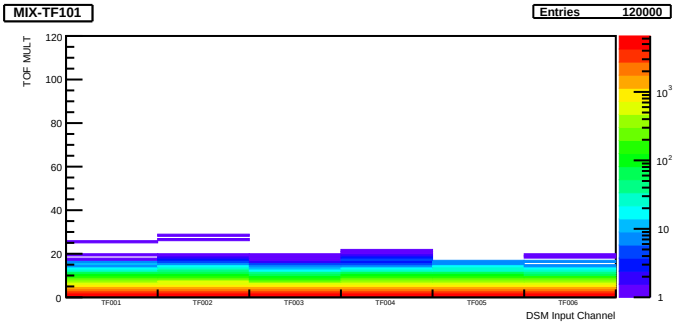

MIX-TF002
Entries 420000
TOF MULT
TOF tray

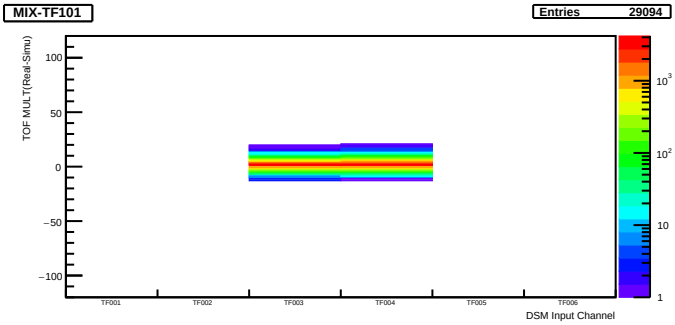

MIX-TF003
Entries 420000
TOF MULT
TOF tray

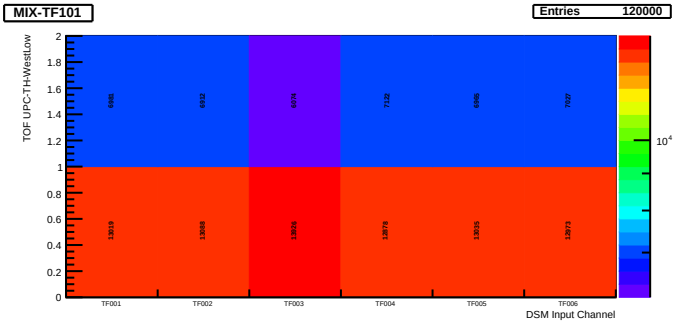

MIX-TF004
Entries 420000
TOF MULT
TOF tray

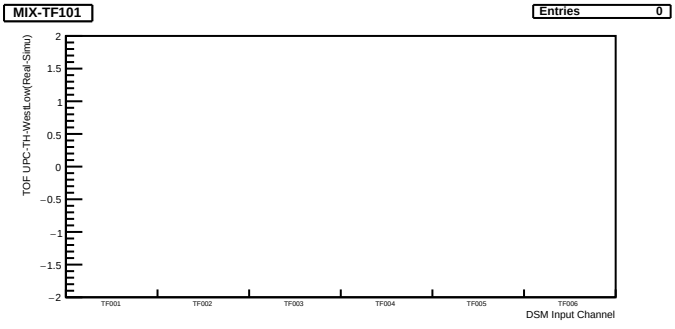

MIX-TF005
Entries 420000
TOF MULT
TOF tray

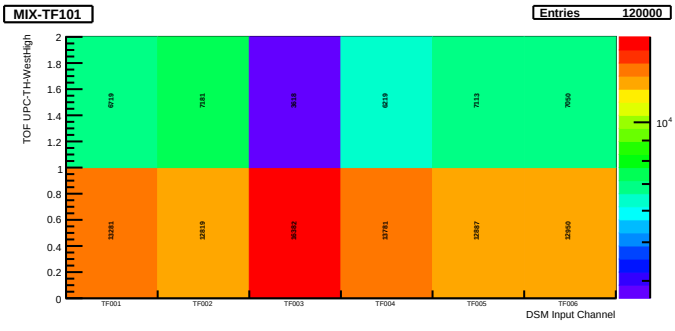

MIX-TF006
Entries 420000
TOF MULT
TOF tray

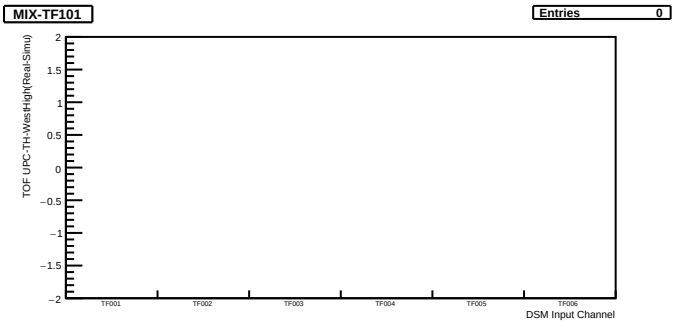

MIX-TF101
Entries 120000
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

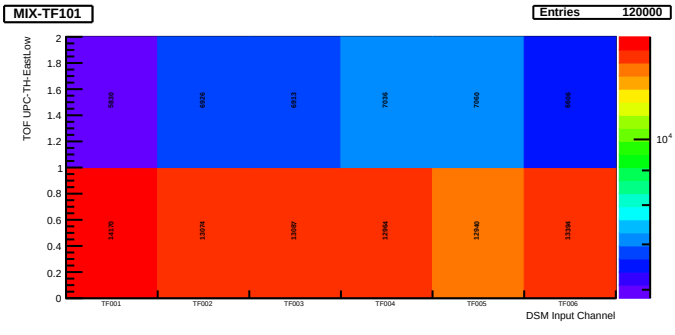

MIX-TF101
Entries 29094
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

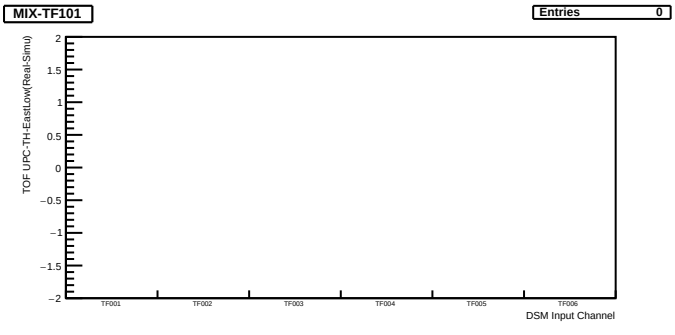

MIX-TF101
Entries 120000
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

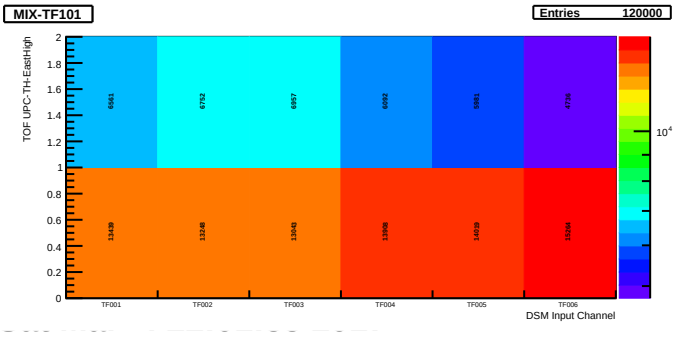

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

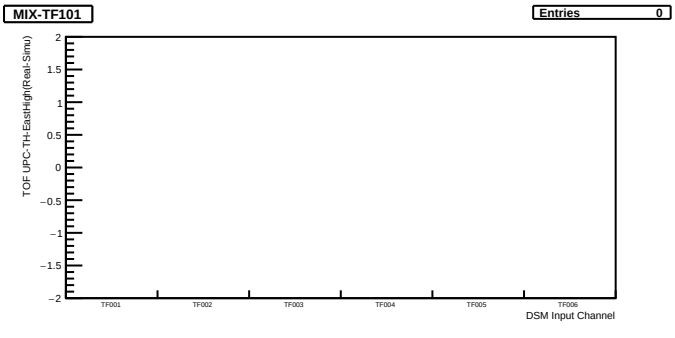

MIX-TF101
Entries 120000
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

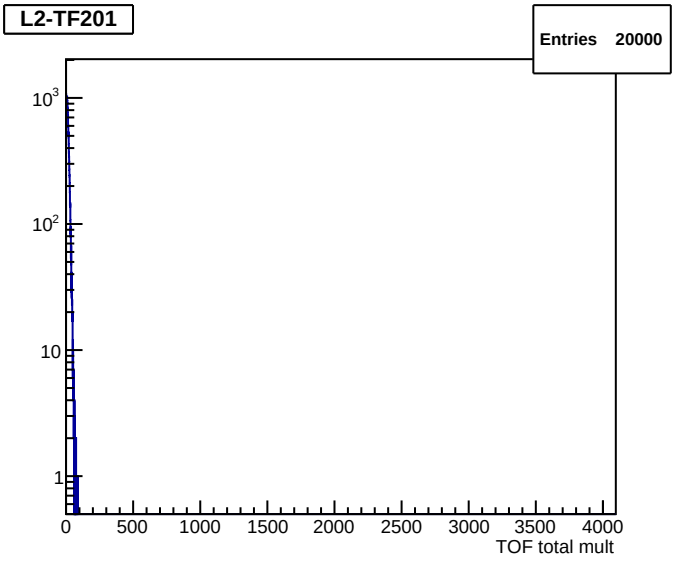

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

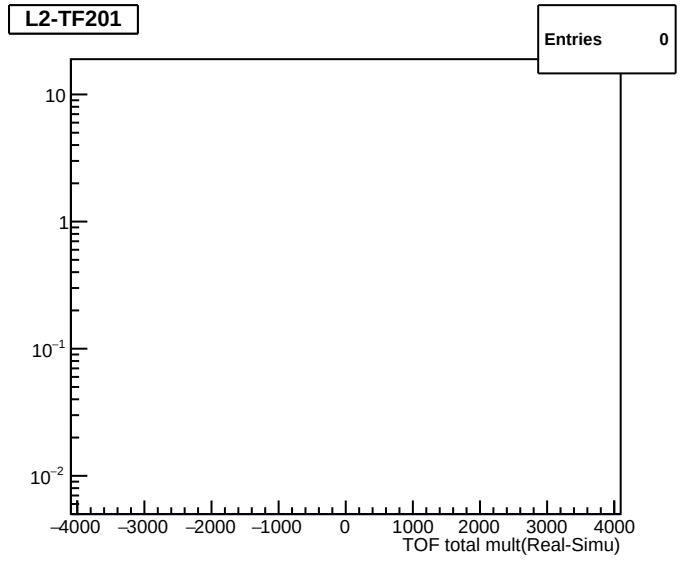

MIX-TF101
Entries 120000
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

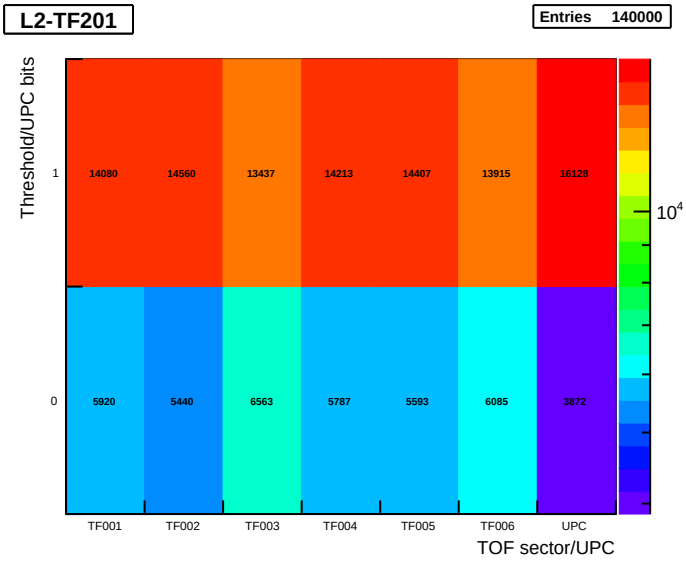

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

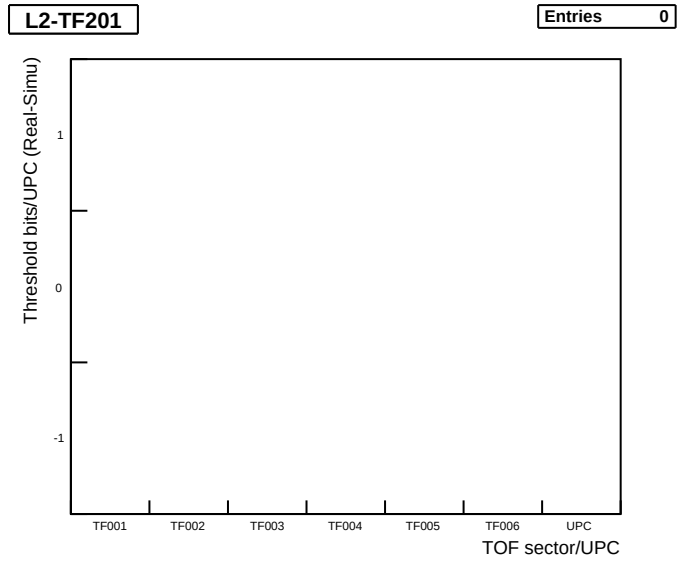

MIX-TF101
Entries 120000
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

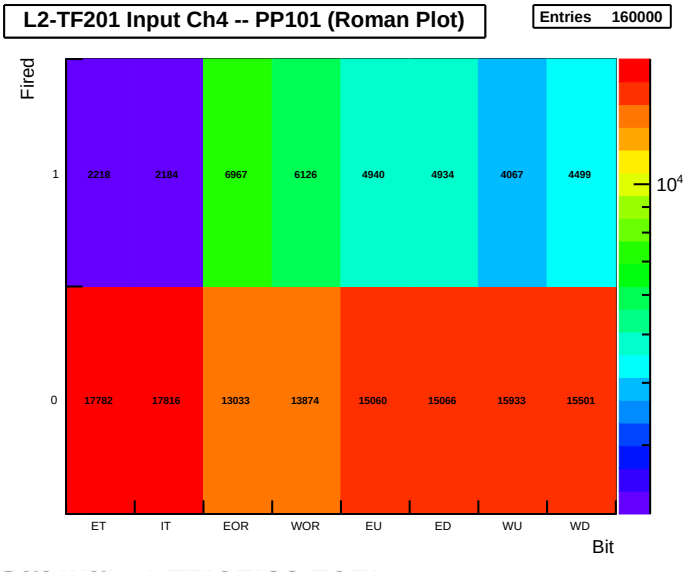

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

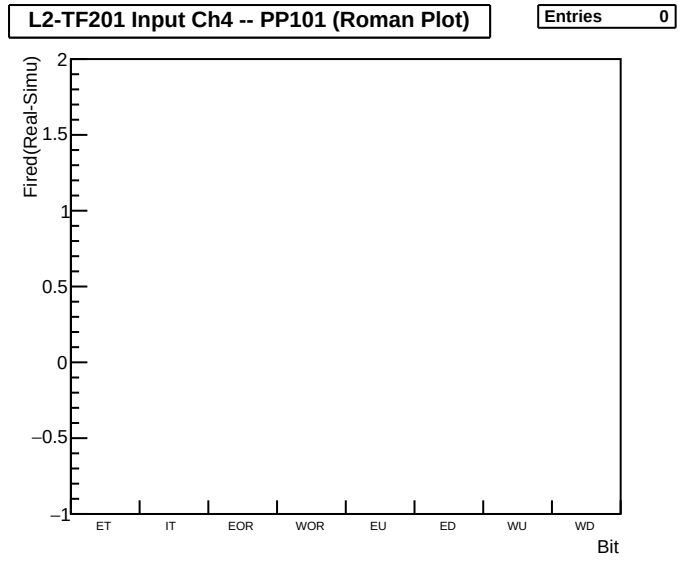

L2-TF201
Entries 20000
TOF total mult

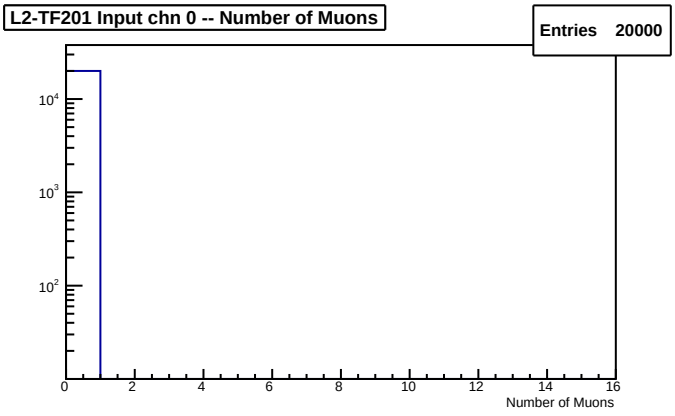

L2-TF201
Entries 0
TOF total mult(Real-Simu)

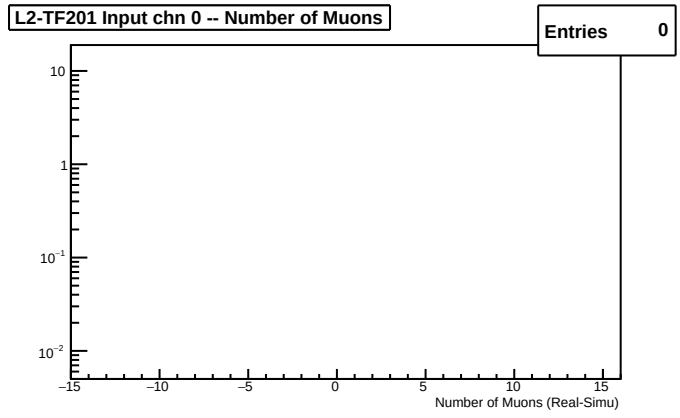

L2-TF201
Entries 140000
Threshold/UPC bits
14080 14560 13437 14213 14407 13915 16128
5920 5440 6563 5787 5593 6085 3872
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

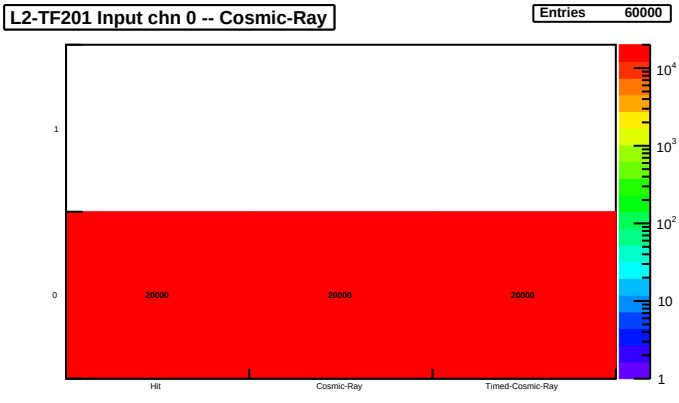

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

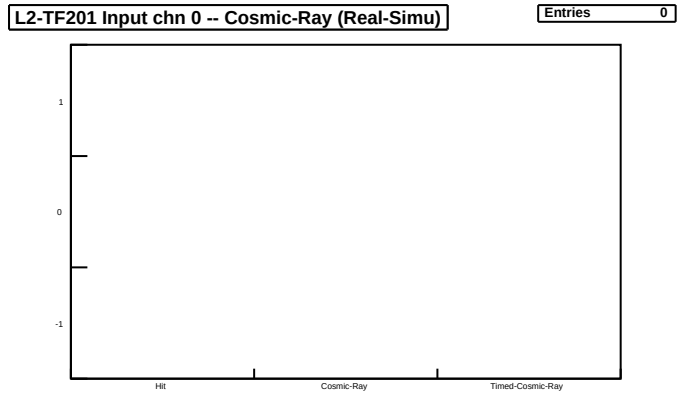

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 160000
Fired
2218 2184 6967 6126 4940 4934 4067 4499
17782 17816 13033 13874 15060 15066 15933 15501
ET IT EOR WOR EU ED WU WD
Bit

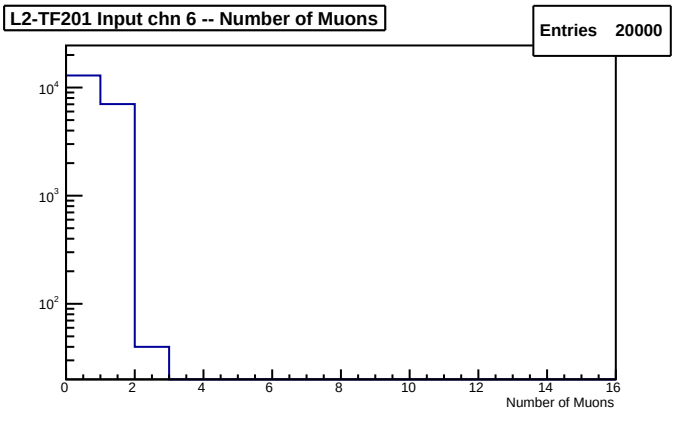

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

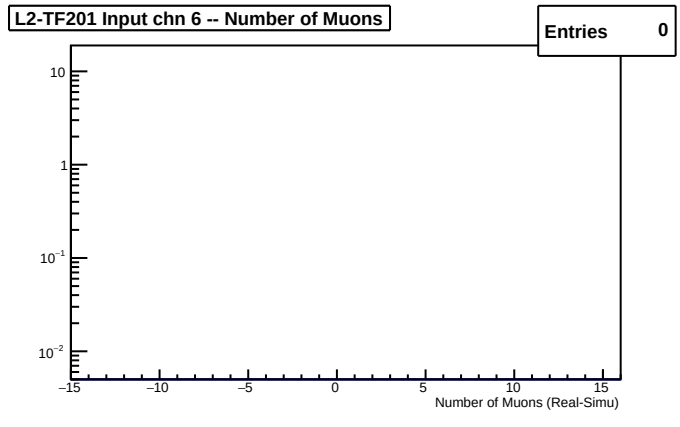

L2-TF201 Input chn 0 -- Number of Muons
Entries 20000
Number of Muons

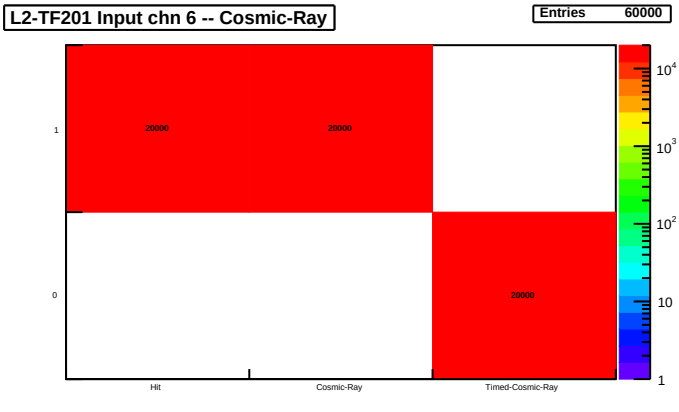

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

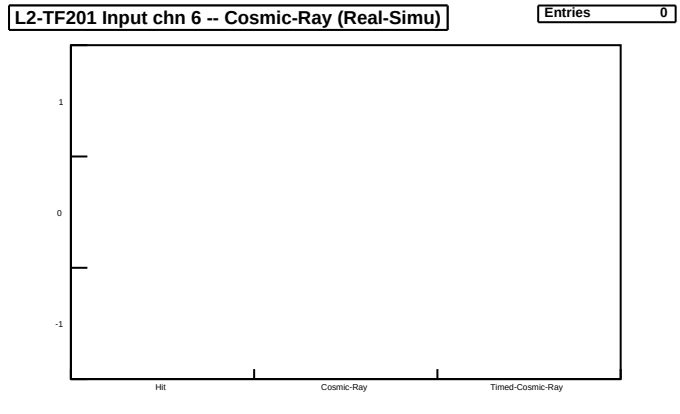

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 60000
20000
20000
20000
Hit
Cosmic-Ray
Timed-Cosmic-Ray

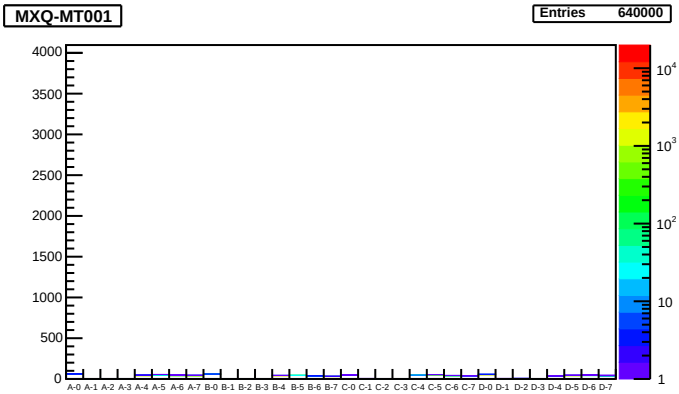

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

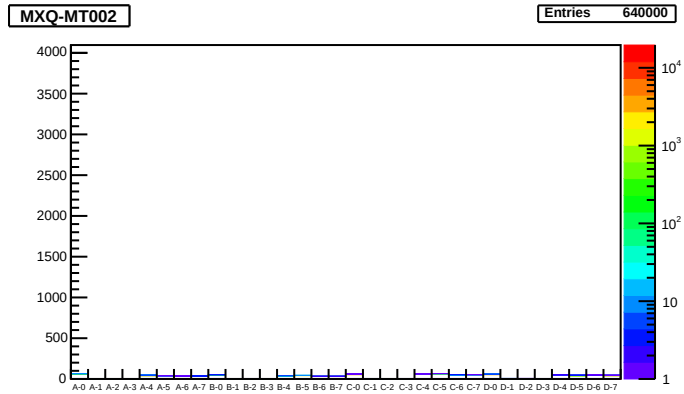

L2-TF201 Input chn 6 -- Number of Muons
Entries 20000
Number of Muons

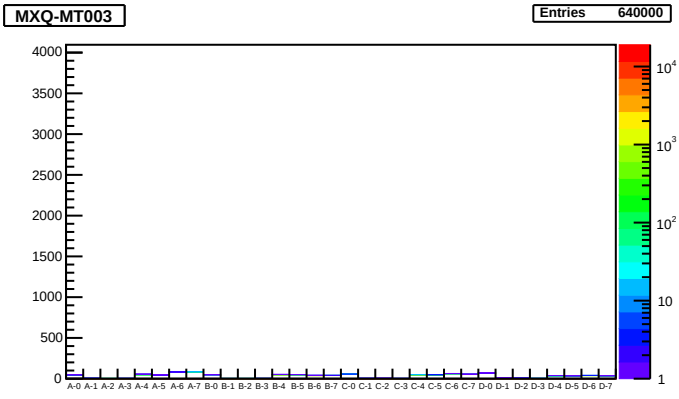

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

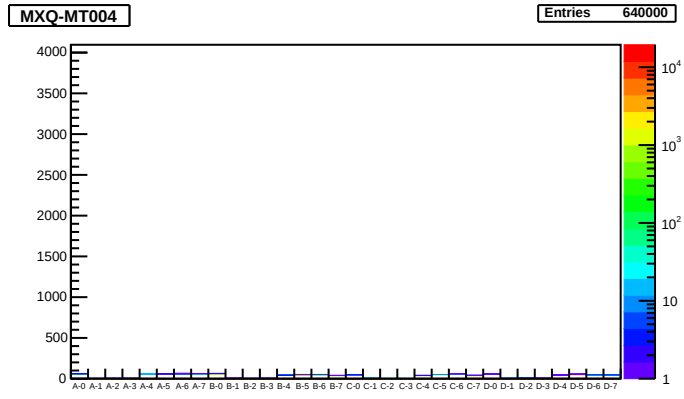

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 60000
20000
20000
20000
Hit
Cosmic-Ray
Timed-Cosmic-Ray

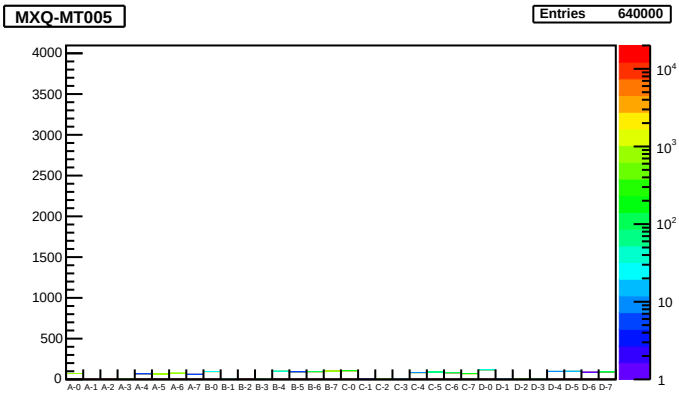

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

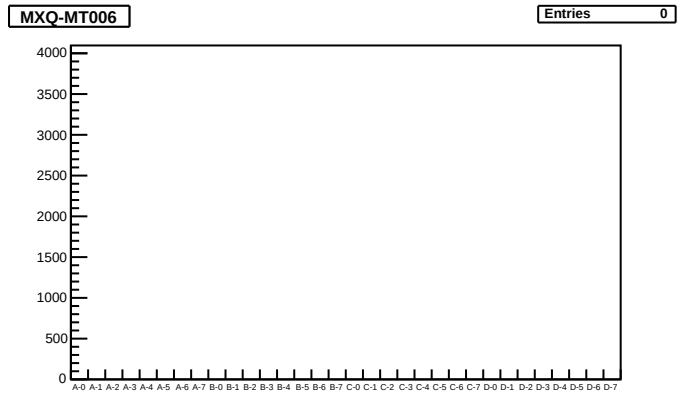

MXQ-MT001
Entries 640000

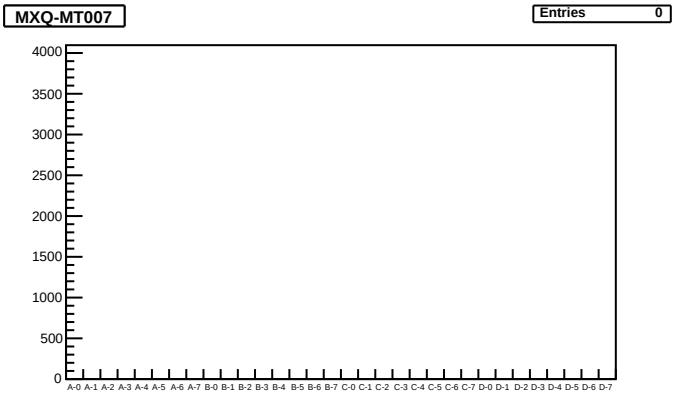

MXQ-MT002
Entries 640000

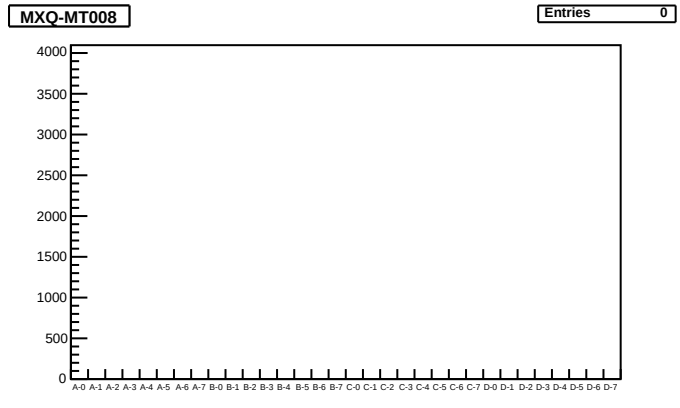

MXQ-MT003
Entries 640000

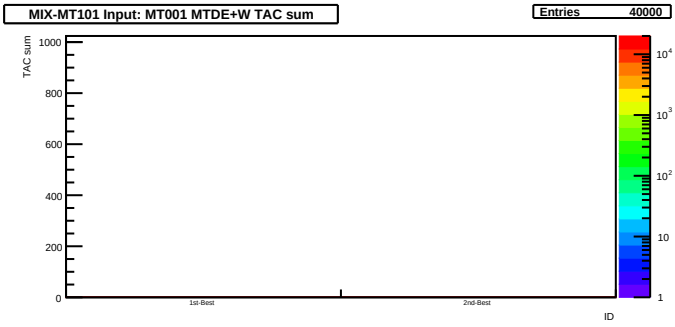

MXQ-MT004
Entries 640000

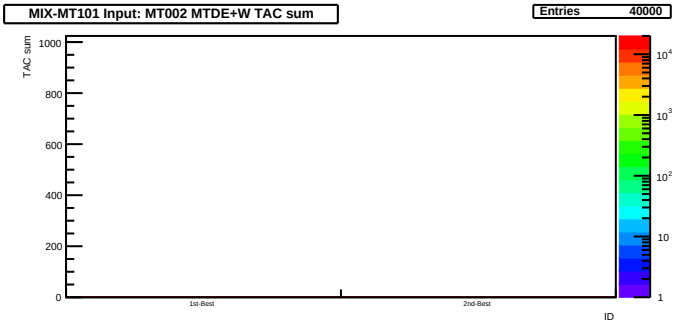

MXQ-MT005
Entries 640000

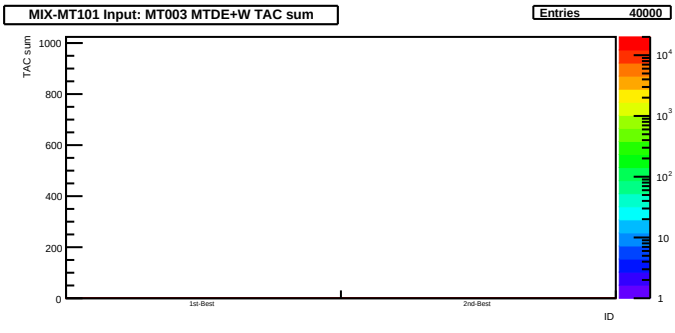

MXQ-MT006
Entries 0

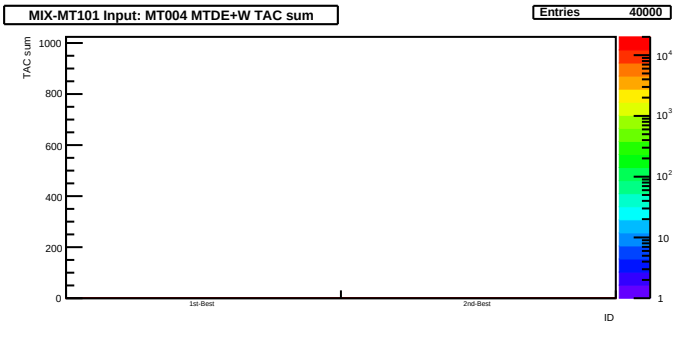

MXQ-MT007
Entries 0

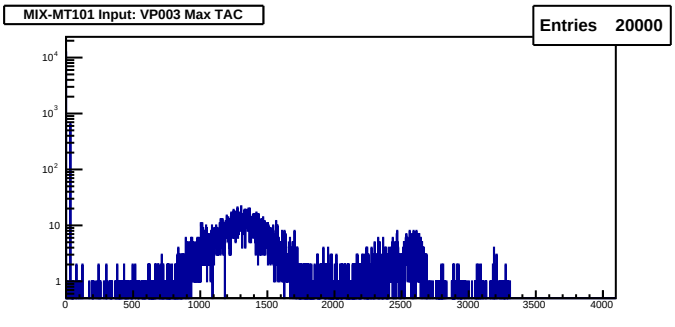

MXQ-MT008
Entries 0

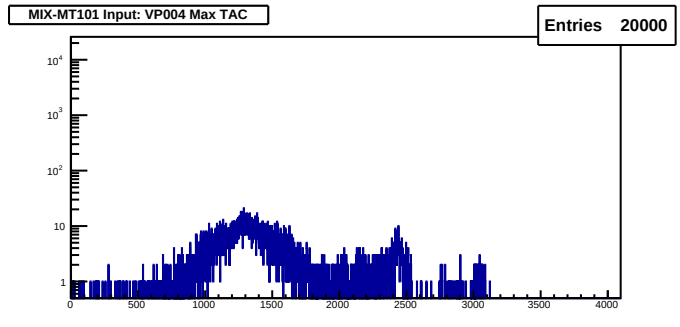

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 40000
TAC sum
1st-Best
2nd-Best
ID

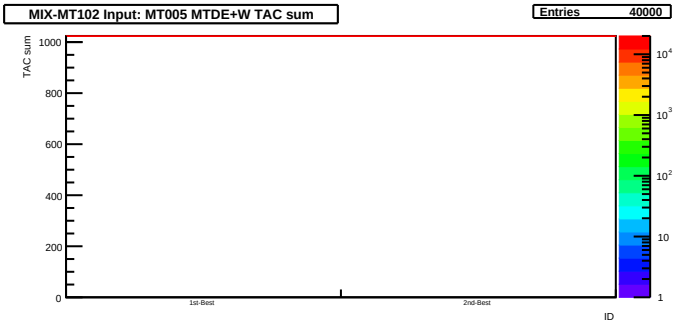

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 40000
TAC sum
1st-Best
2nd-Best
ID

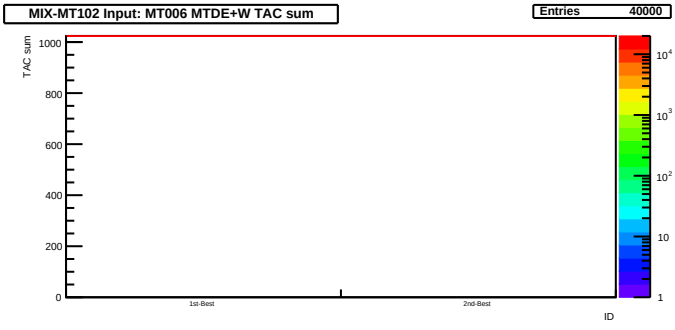

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 40000
TAC sum
1st-Best
2nd-Best
ID

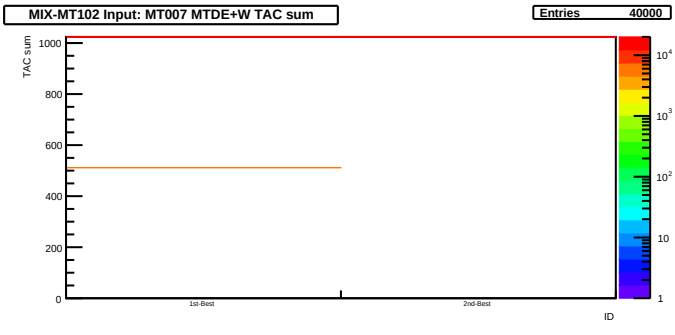

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 40000
TAC sum
1st-Best
2nd-Best
ID

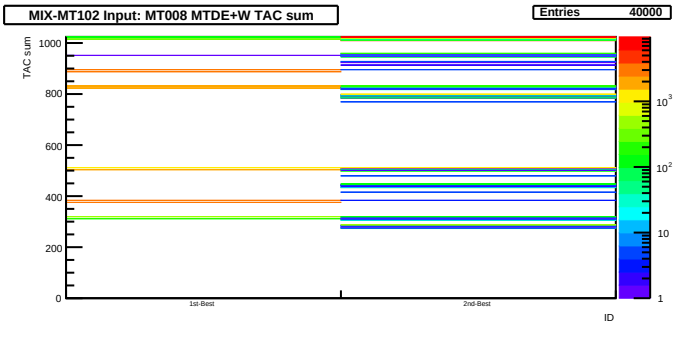

MIX-MT101 Input: VP003 Max TAC
Entries 20000

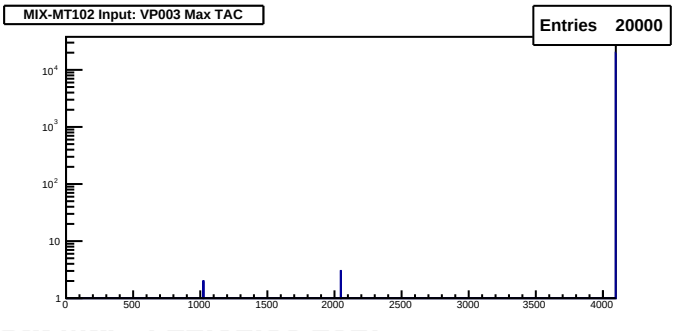

MIX-MT101 Input: VP004 Max TAC
Entries 20000

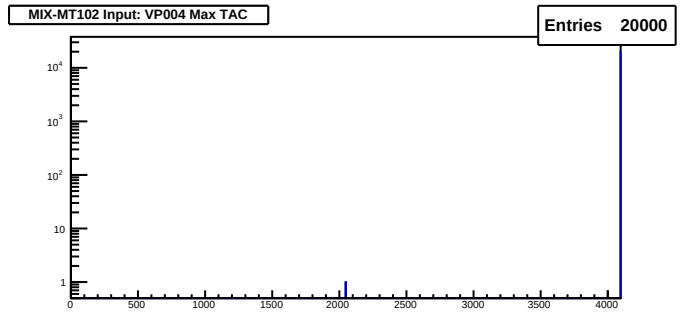

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 40000
TAC sum
1st-Best
2nd-Best
ID

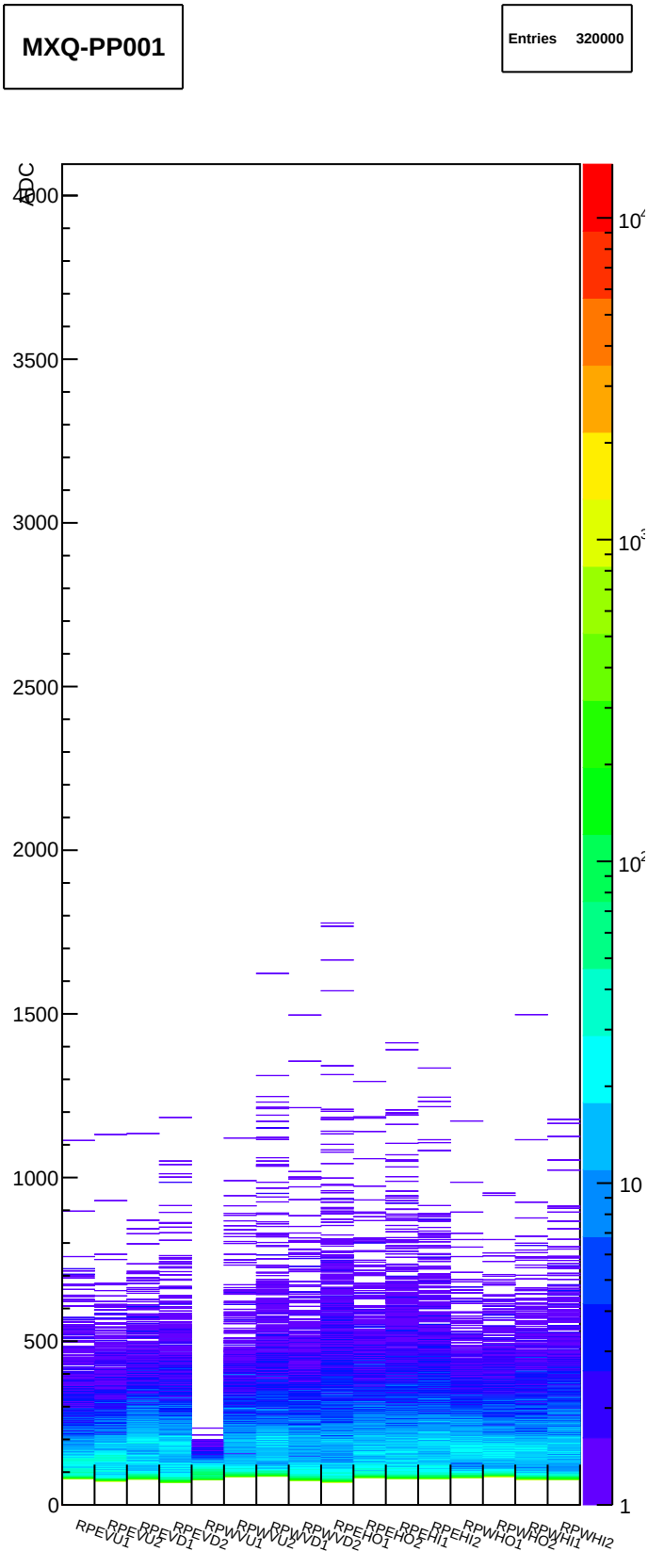

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 40000
TAC sum
1st-Best
2nd-Best
ID

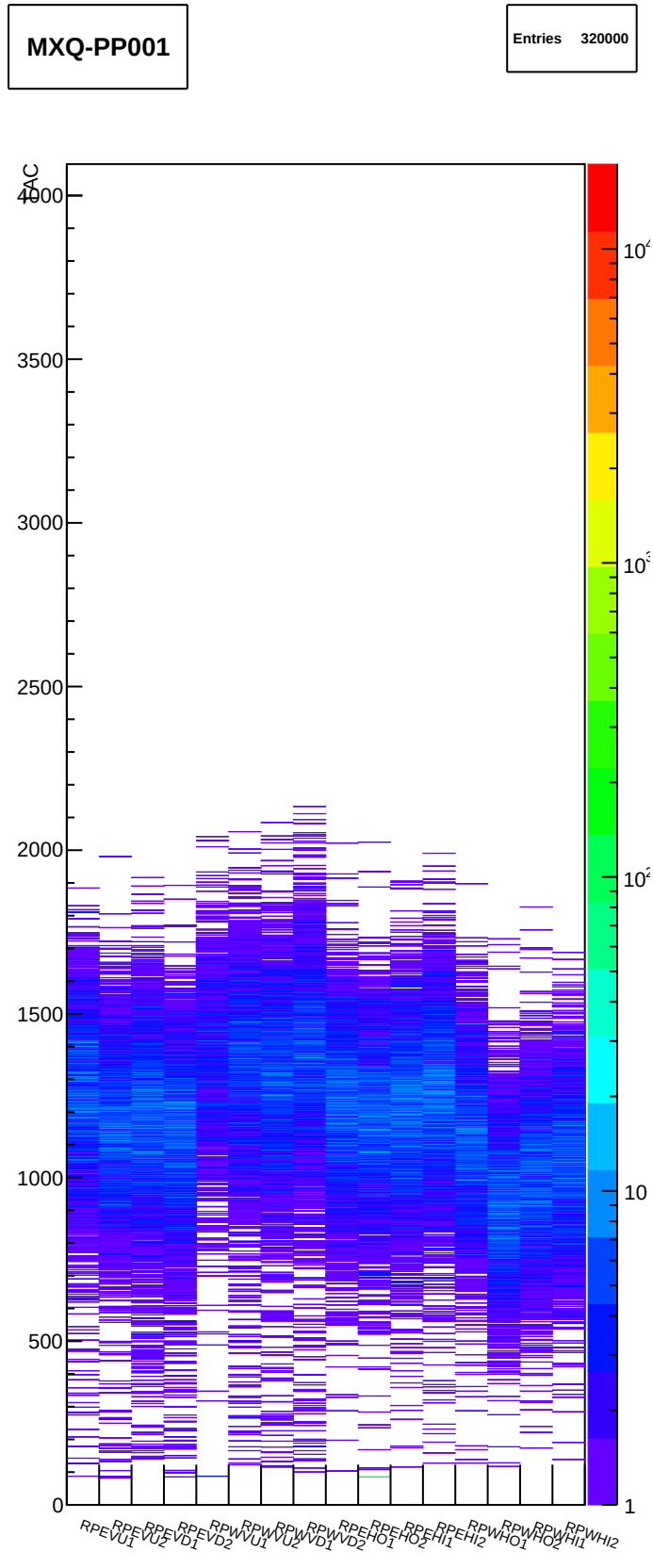

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 40000
TAC sum
1st-Best
2nd-Best
ID

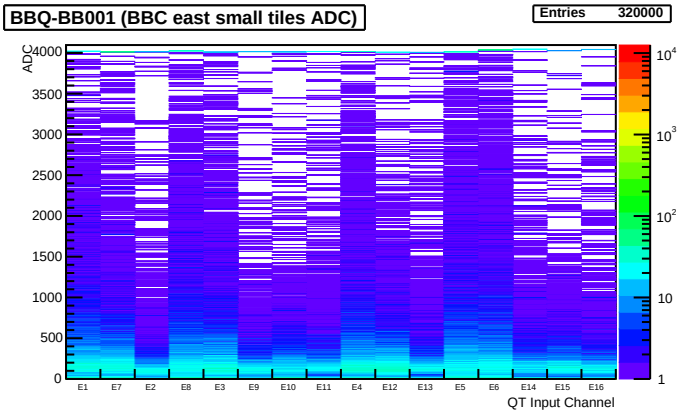

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 40000
TAC sum
1st-Best
2nd-Best
ID

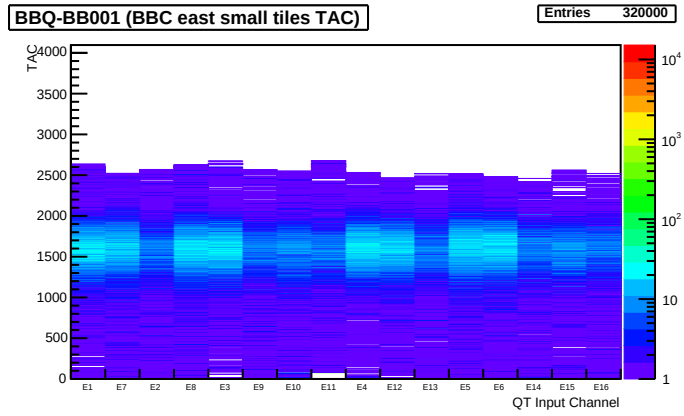

MIX-MT102 Input: VP003 Max TAC
Entries 20000

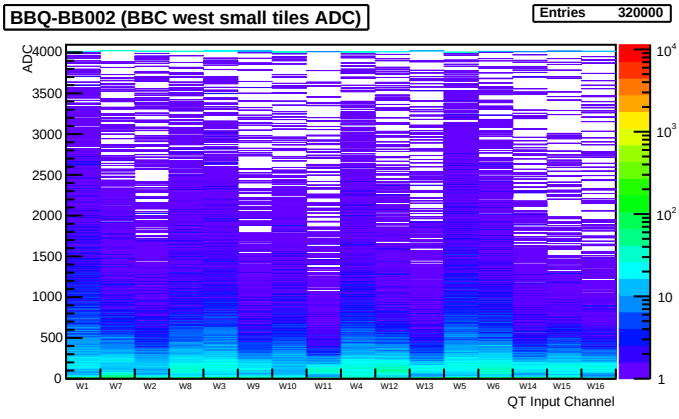

MIX-MT102 Input: VP004 Max TAC
Entries 20000

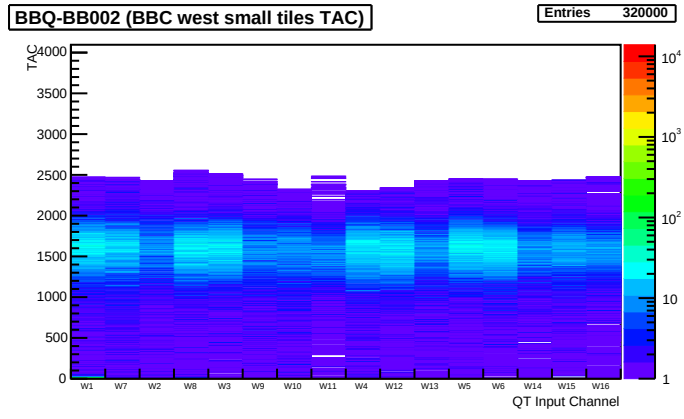

MXQ-PP001
Entries 320000
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

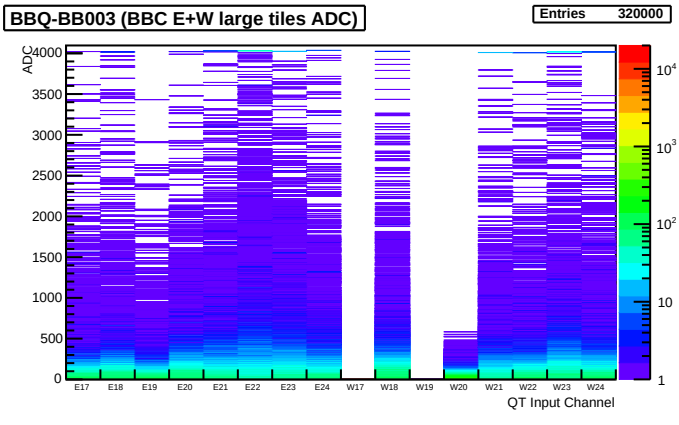

MXQ-PP001
Entries 320000
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

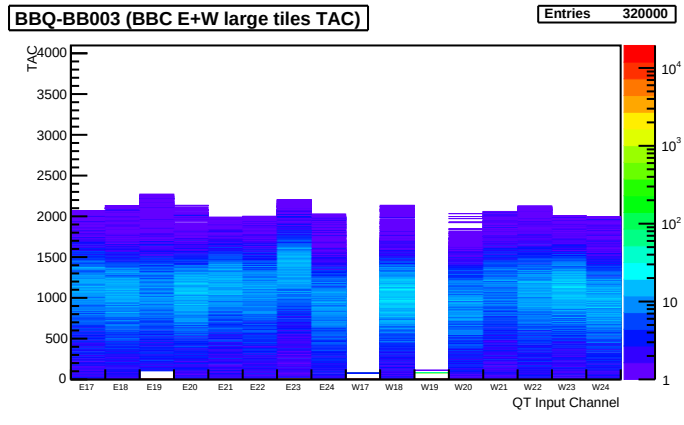

BBQ-BB001 (BBC east small tiles ADC)
Entries 320000
ADC
QT Input Channel

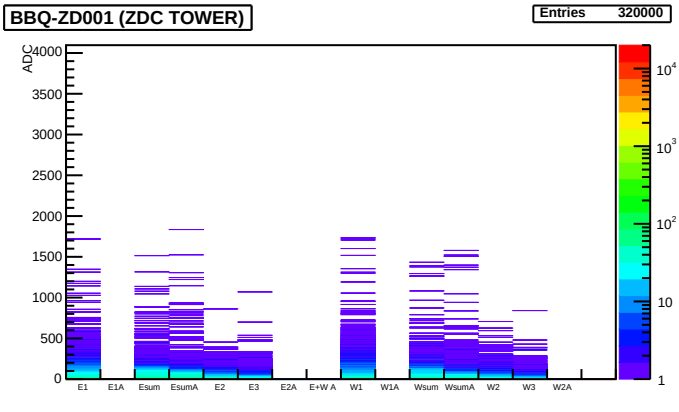

BBQ-BB001 (BBC east small tiles TAC)
Entries 320000
TAC
QT Input Channel

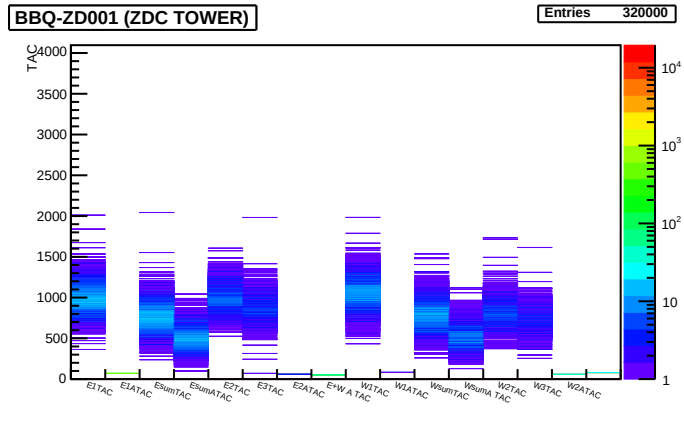

BBQ-BB002 (BBC west small tiles ADC)
Entries 320000
ADC
QT Input Channel

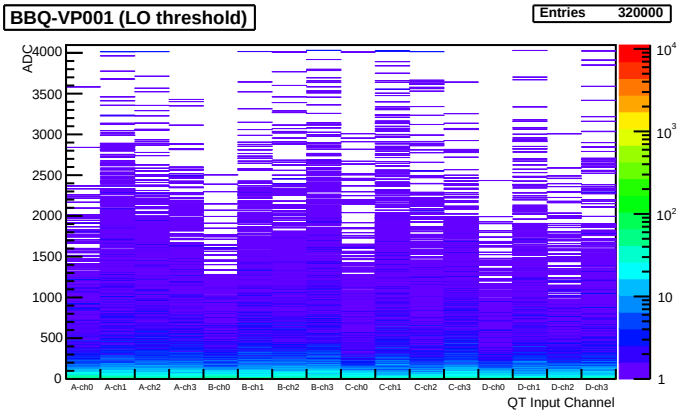

BBQ-BB002 (BBC west small tiles TAC)
Entries 320000
TAC
QT Input Channel

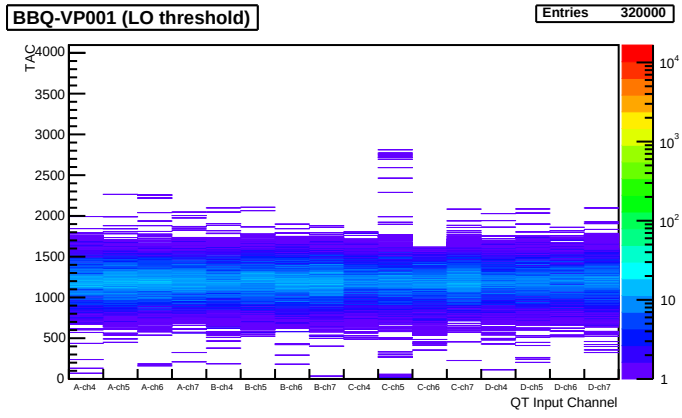

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 320000
ADC
QT Input Channel

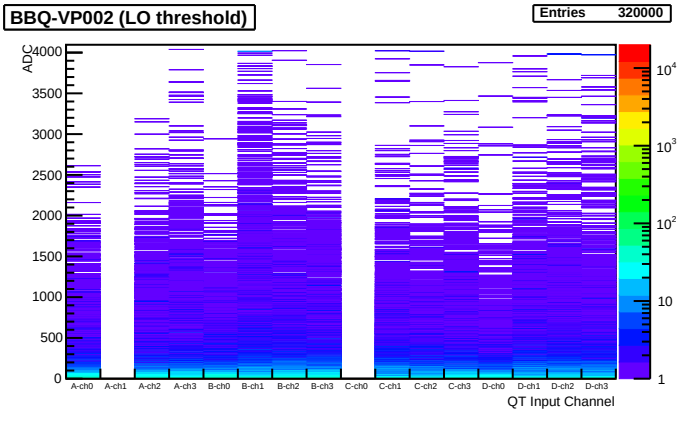

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 320000
TAC
QT Input Channel

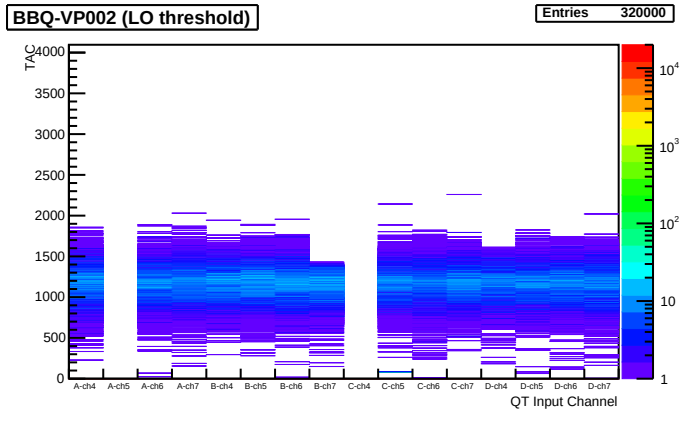

BBQ-ZD001 (ZDC TOWER)
Entries 320000
ADC

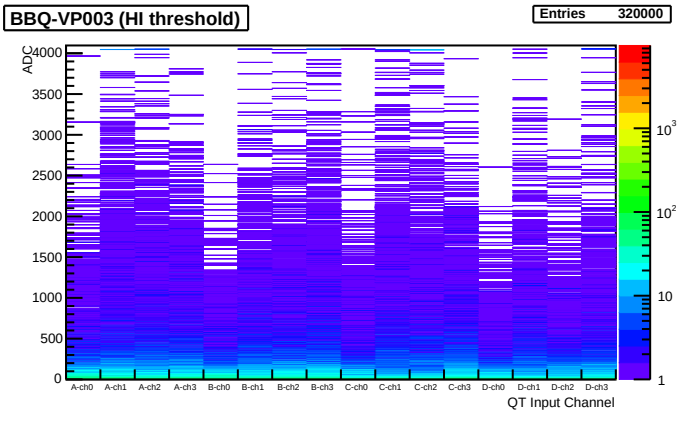

BBQ-ZD001 (ZDC TOWER)
Entries 320000
TAC

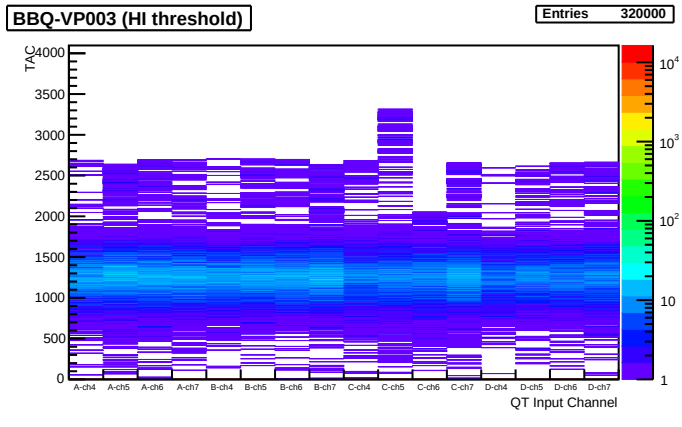

BBQ-VP001 (LO threshold)
Entries 320000
ADC
QT Input Channel

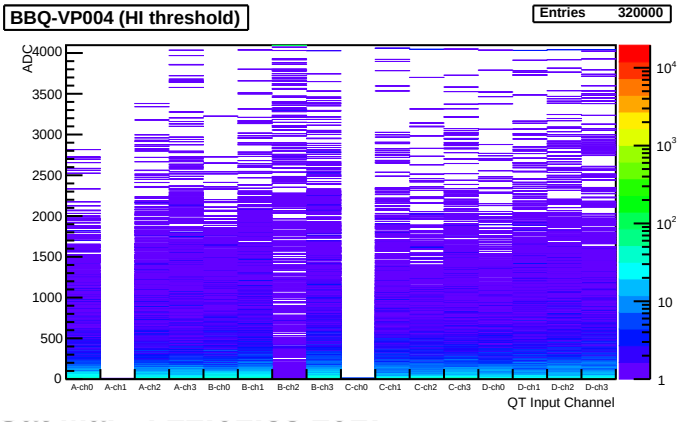

BBQ-VP001 (LO threshold)
Entries 320000
TAC
QT Input Channel

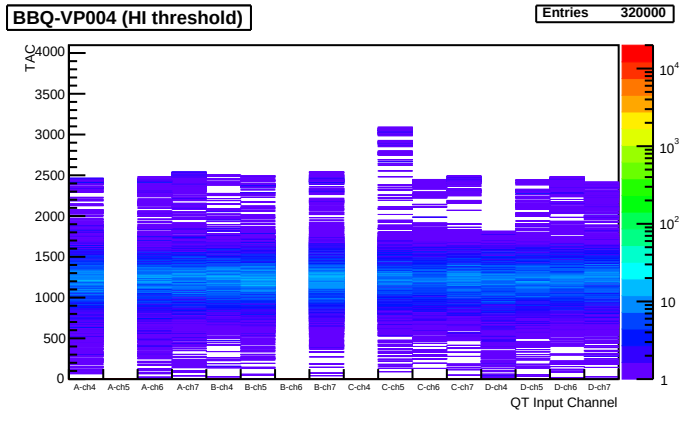

BBQ-VP002 (LO threshold)
Entries 320000
ADC
QT Input Channel

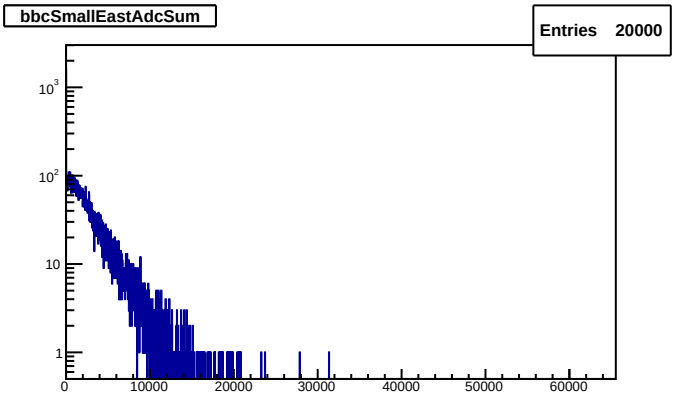

BBQ-VP002 (LO threshold)
Entries 320000
TAC
QT Input Channel

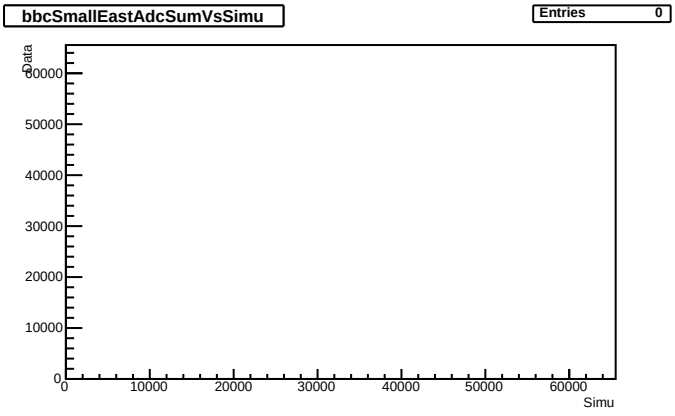

BBQ-VP003 (HI threshold)
Entries 320000
ADC
QT Input Channel

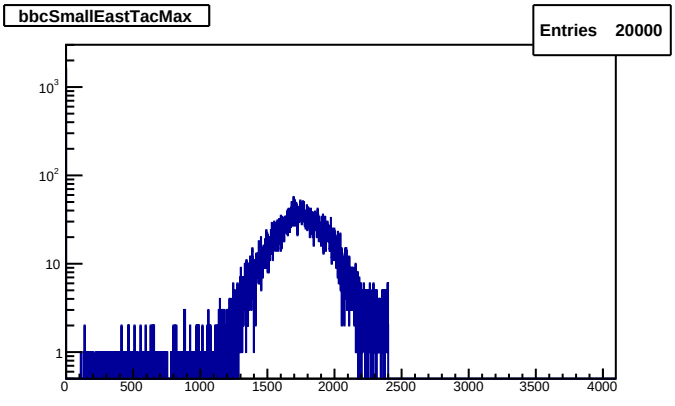

BBQ-VP003 (HI threshold)
Entries 320000
TAC
QT Input Channel

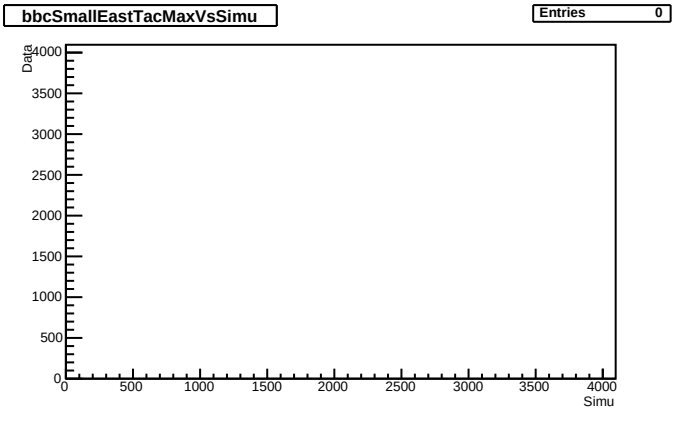

BBQ-VP004 (HI threshold)
Entries 320000
ADC
QT Input Channel

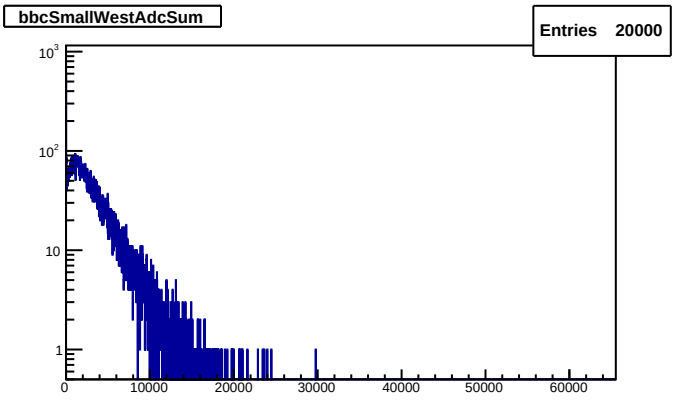

BBQ-VP004 (HI threshold)
Entries 320000
TAC
QT Input Channel

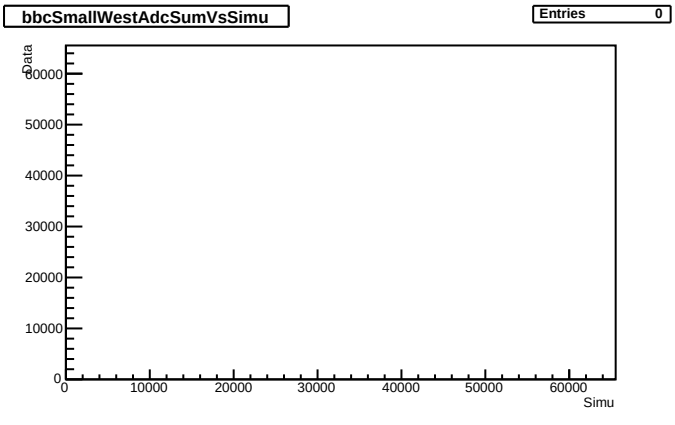

bbcSmallEastAdcSum
Entries 20000

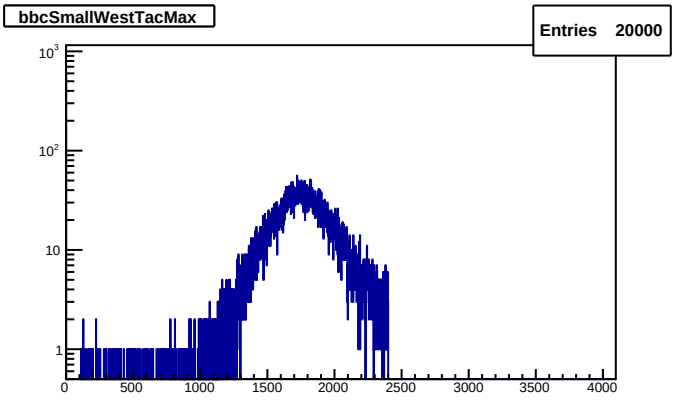

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

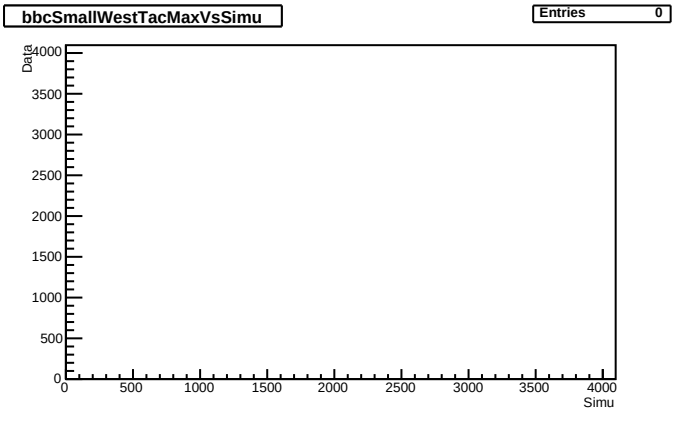

bbcSmallEastTacMax
Entries 20000

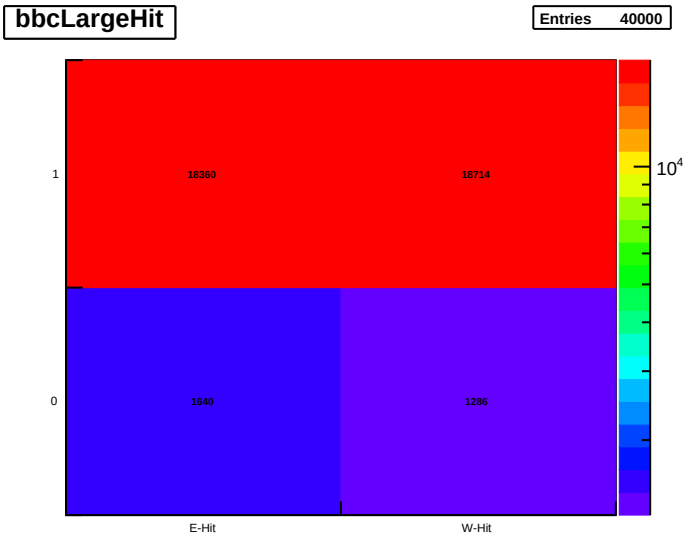

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

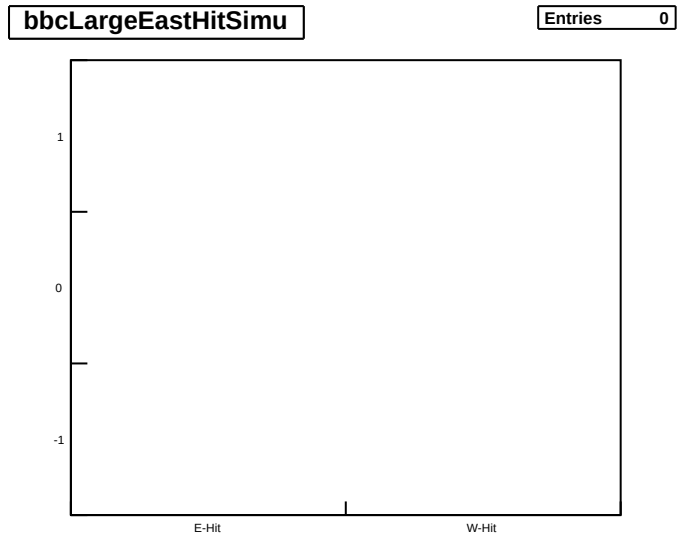

bbcSmallWestAdcSum
Entries 20000

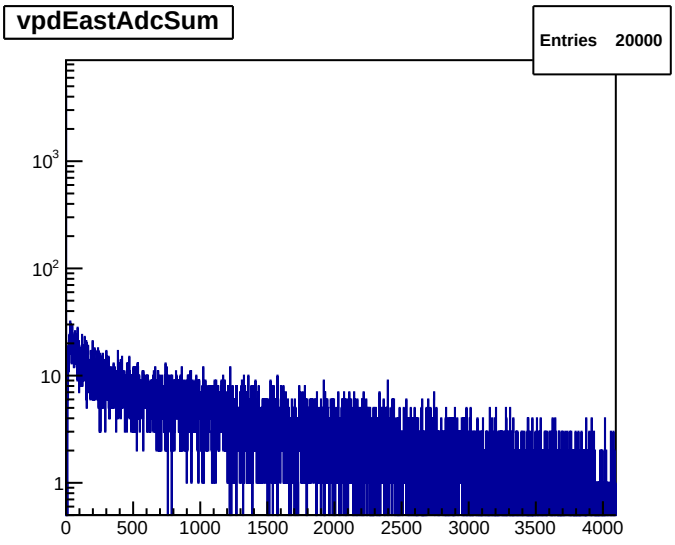

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

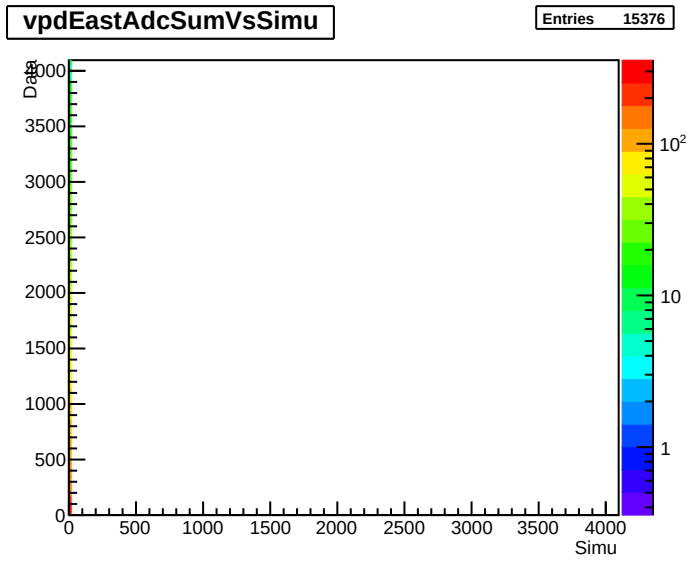

bbcSmallWestTacMax
Entries 20000

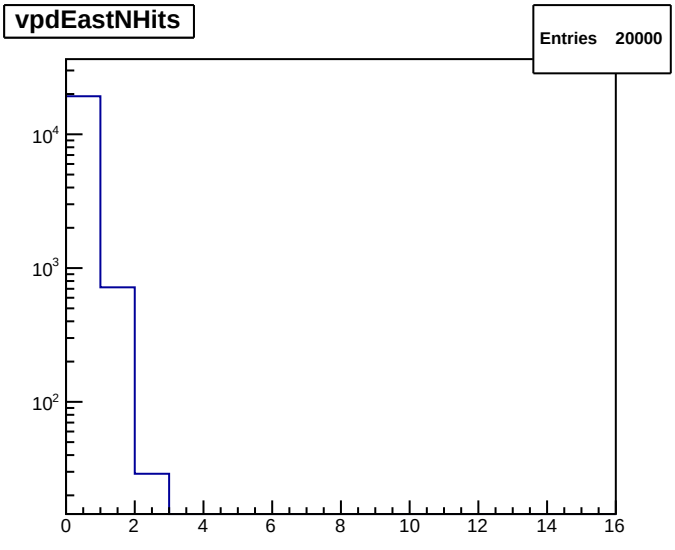

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

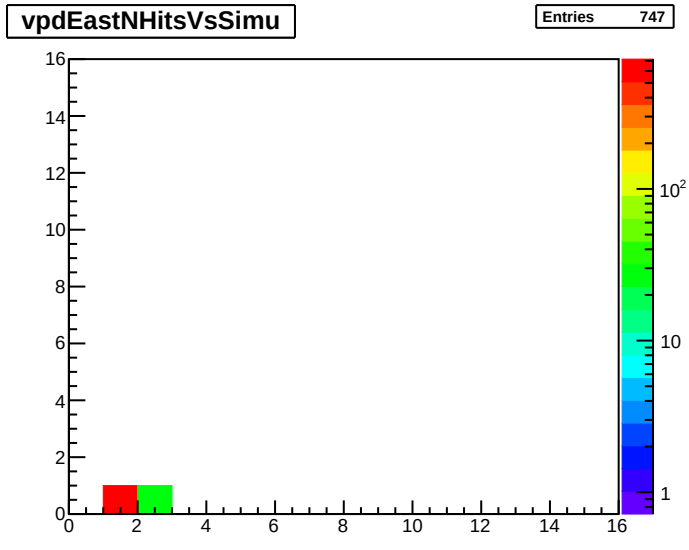

bbcLargeHit
Entries 40000
1
0
18360
18714
1640
1286
E-Hit
W-Hit
10^4

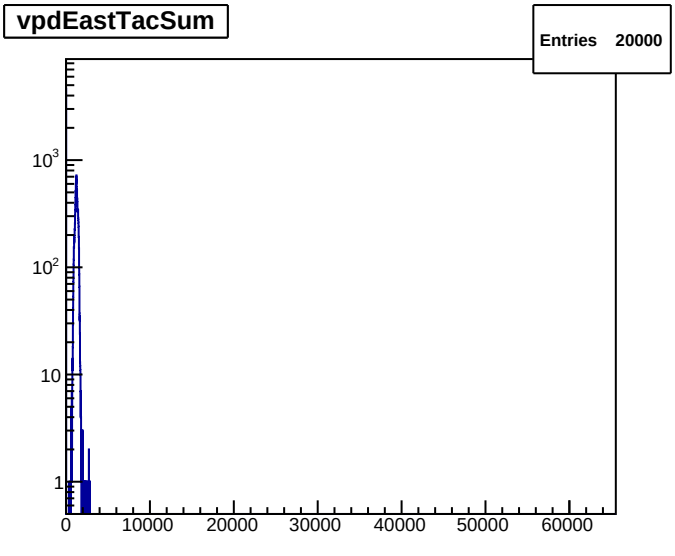

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

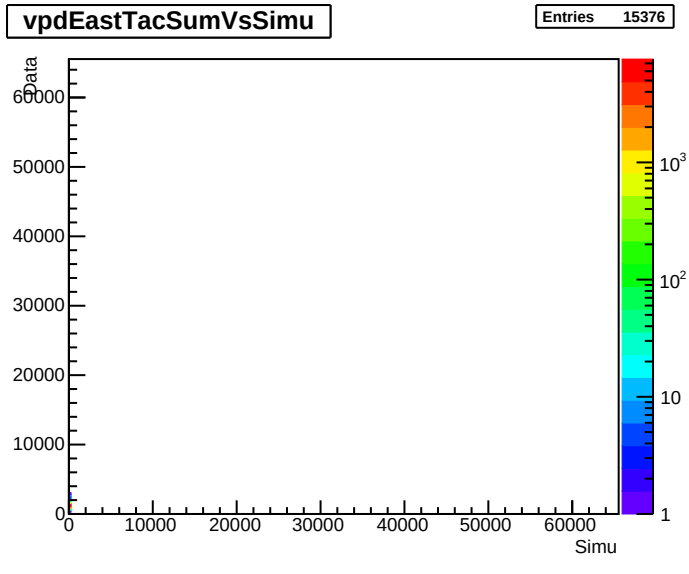

vpdEastAdcSum
Entries 20000

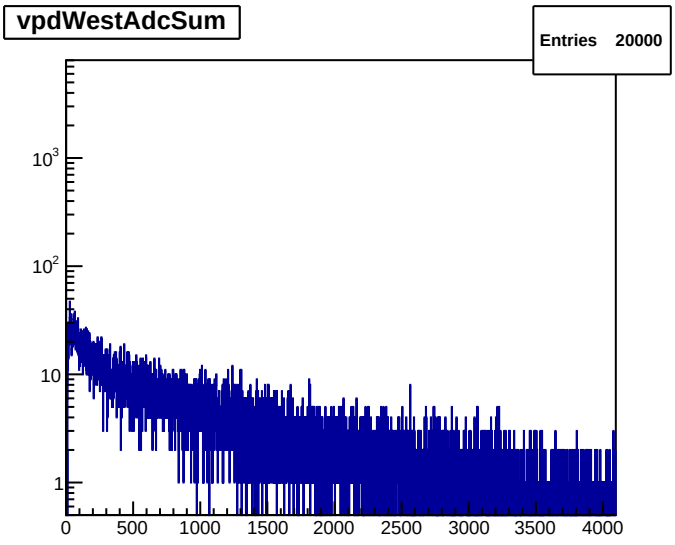

vpdEastAdcSumVsSimu
Entries 15376
Data
Simu

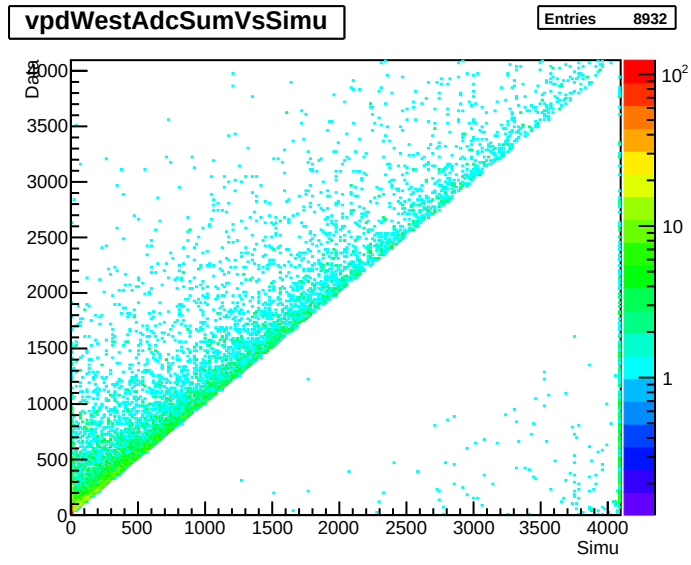

vpdEastNHits
Entries 20000

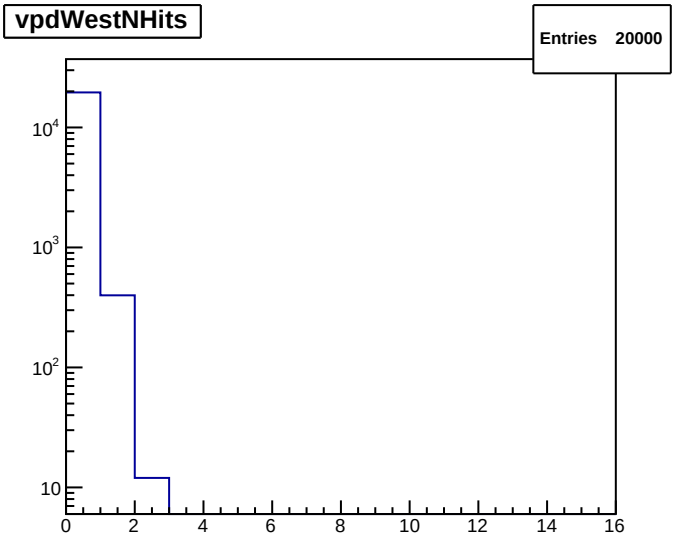

vpdEastNHitsVsSimu
Entries 747

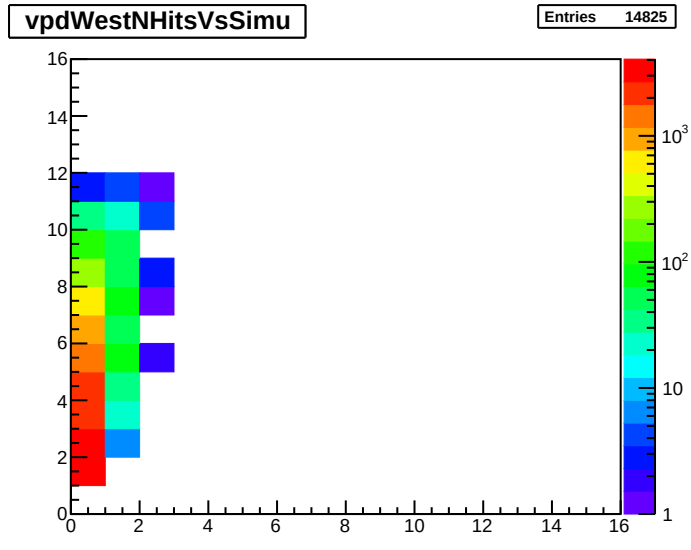

vpdEastTacSum
Entries 20000

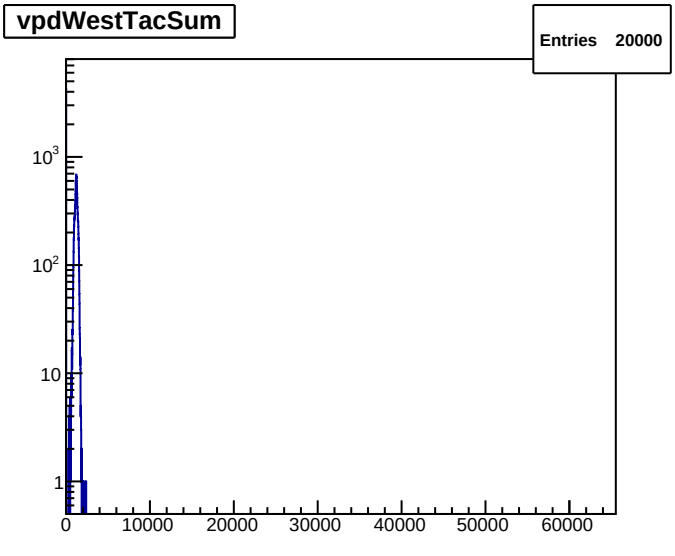

vpdEastTacSumVsSimu
Entries 15376
Data
Simu

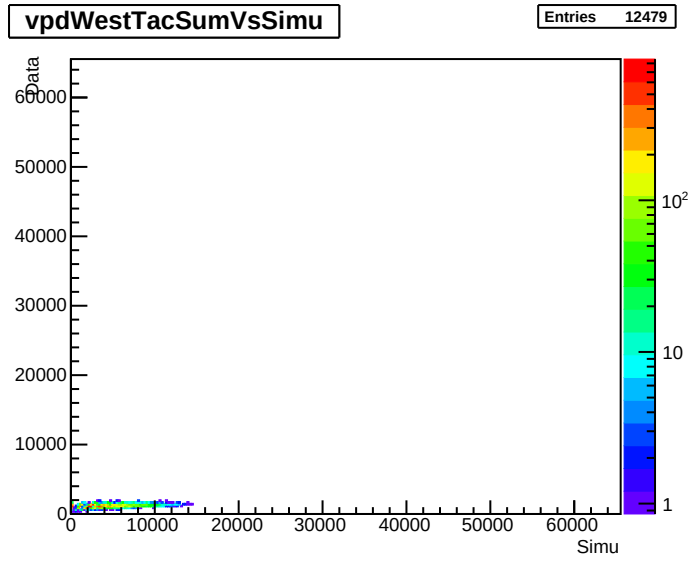

vpdWestAdcSum
Entries 20000

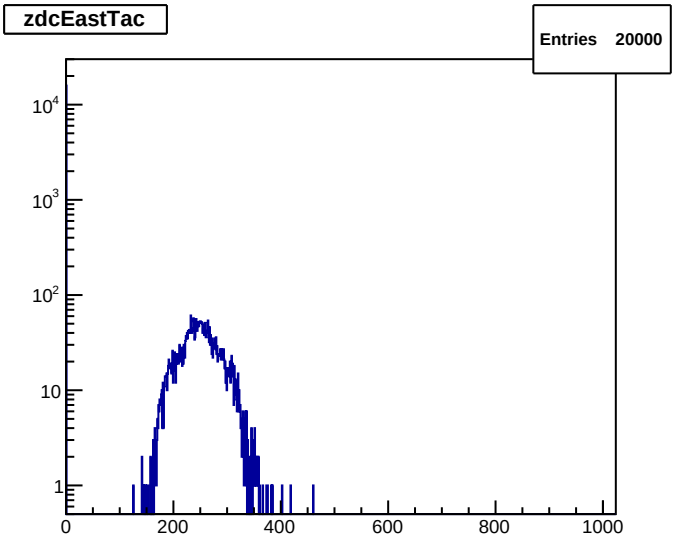

vpdWestAdcSumVsSimu
Entries 8932
Data
Simu

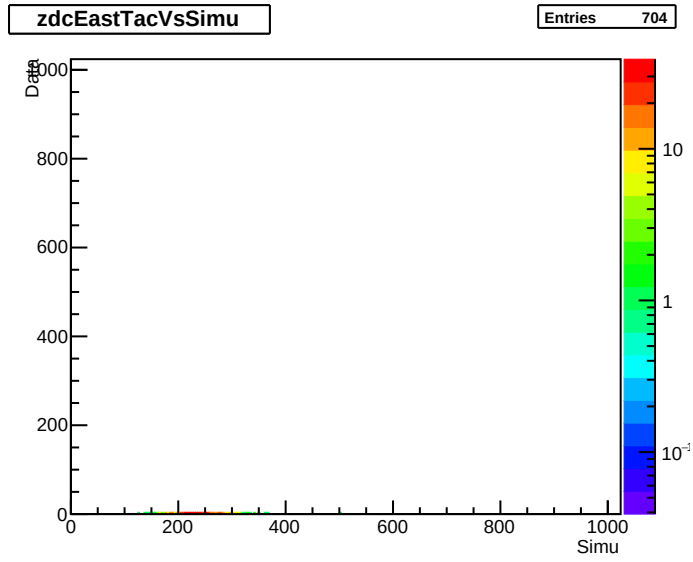

vpdWestNHits
Entries 20000

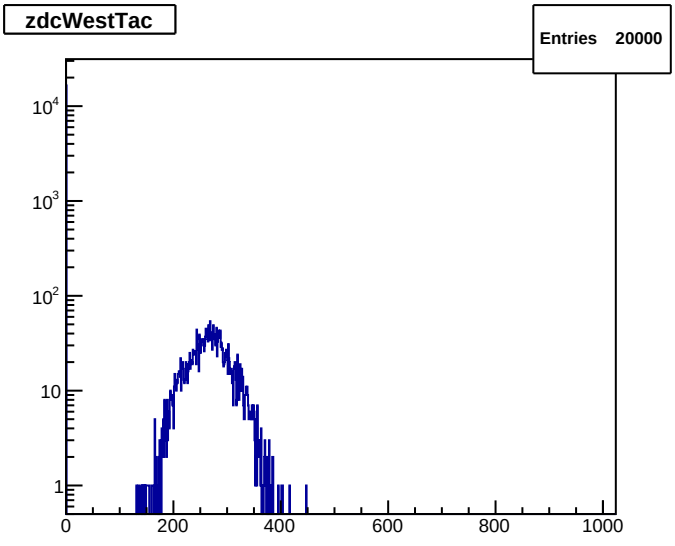

vpdWestNHitsVsSimu
Entries 14825

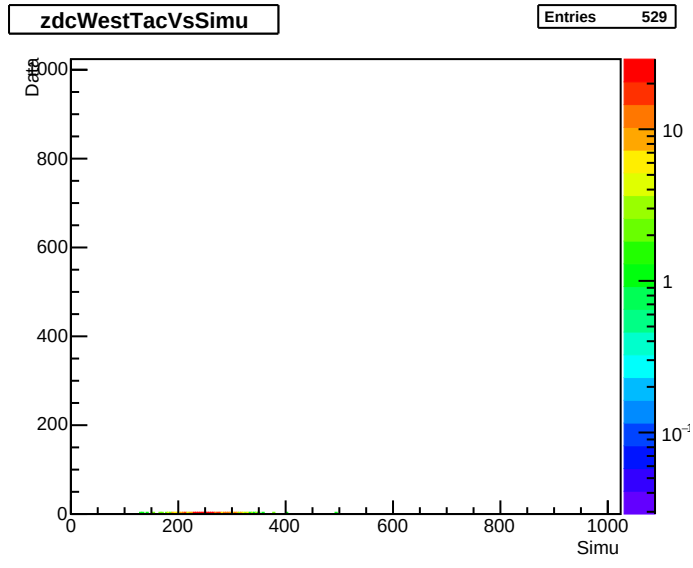

vpdWestTacSum
Entries 20000

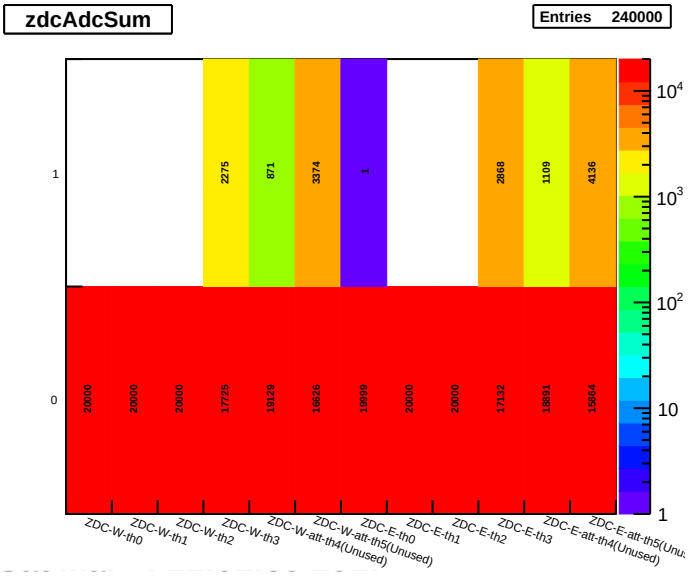

vpdWestTacSumVsSimu
Entries 12479
Data
Simu

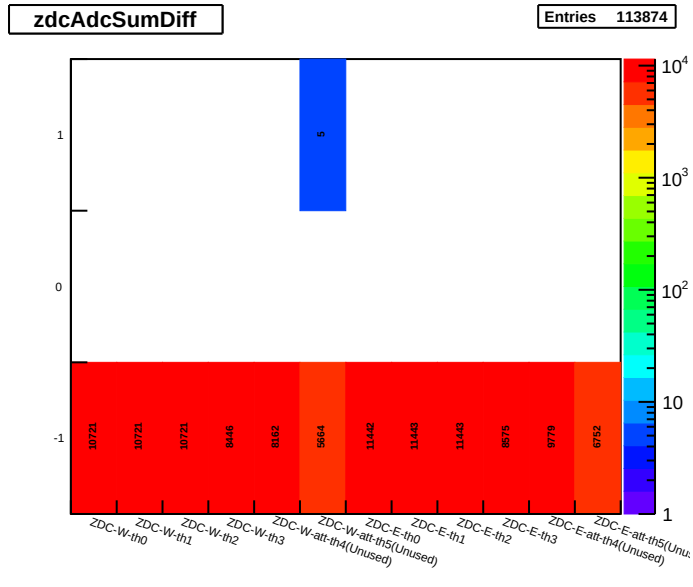

zdcEastTac
Entries 20000

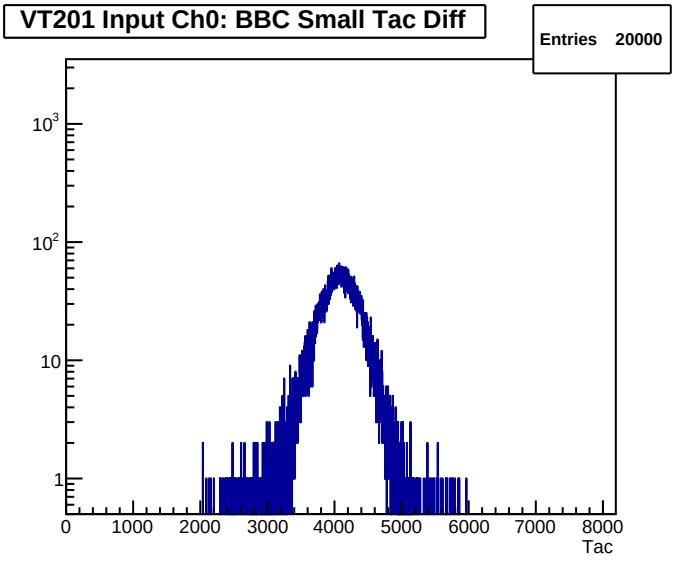

zdcEastTacVsSimu
Entries 704
Data
Simu

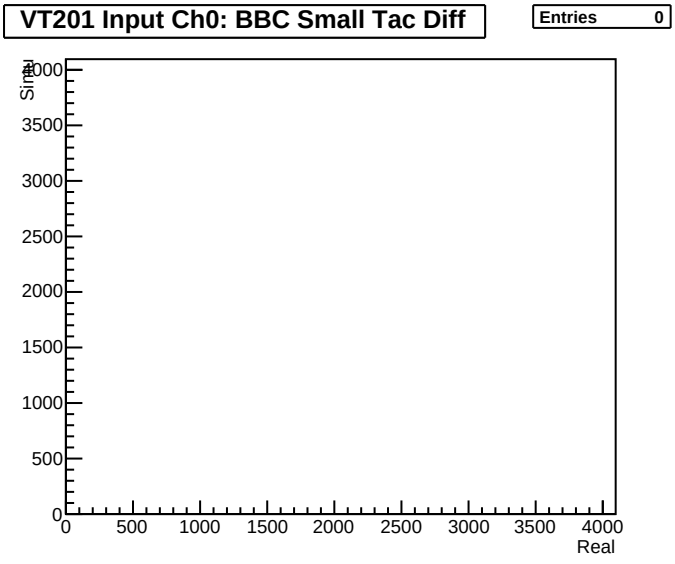

zdcWestTac
Entries 20000

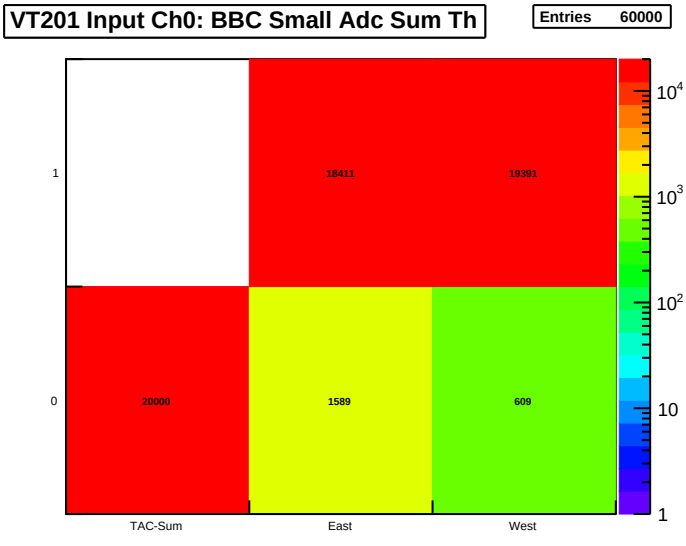

zdcWestTacVsSimu
Entries 529
Data
Simu

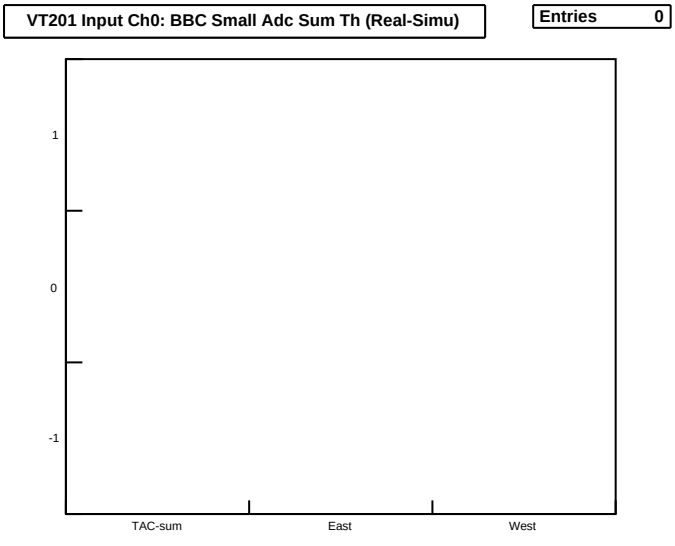

zdcAdcSum
Entries 240000
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

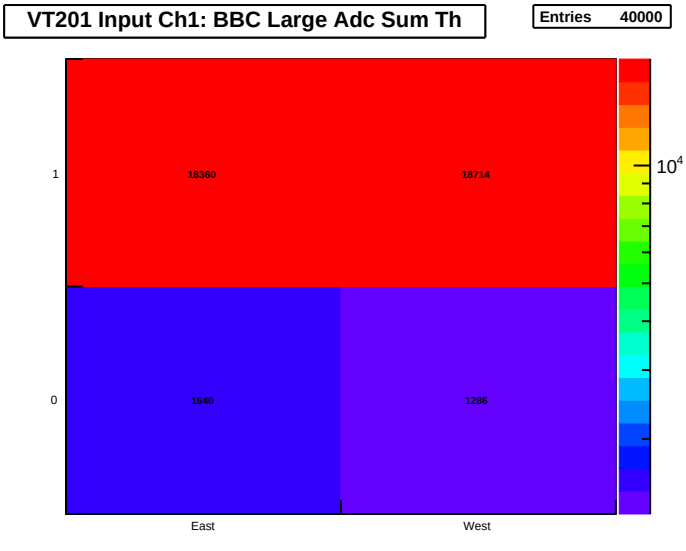

zdcAdcSumDiff
Entries 113874
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

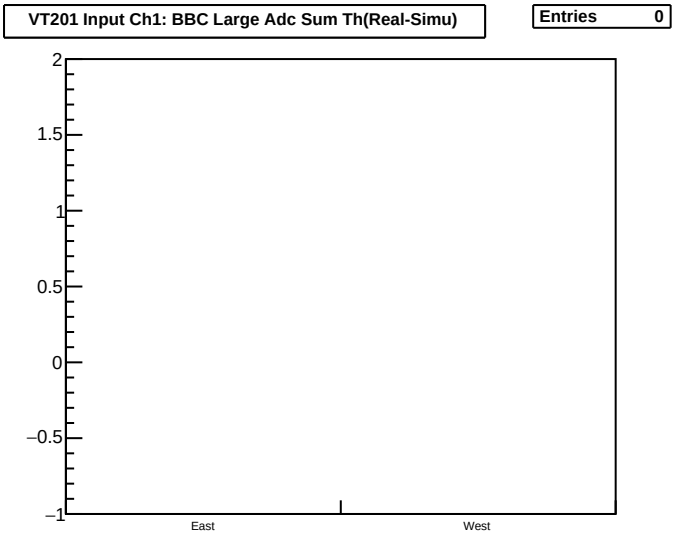

VT201 Input Ch0: BBC Small Tac Diff
Entries 20000
Tac


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

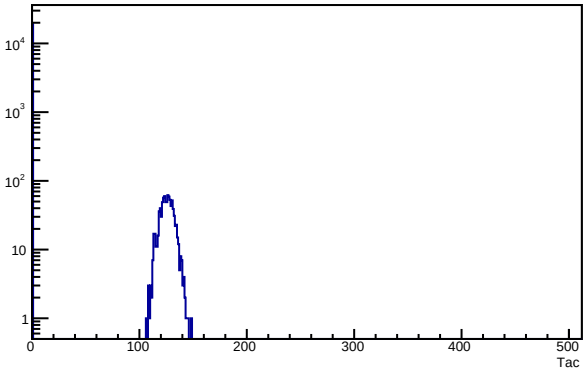

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 60000
18411
19391
20000
1589
609
TAC-Sum
East
West


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

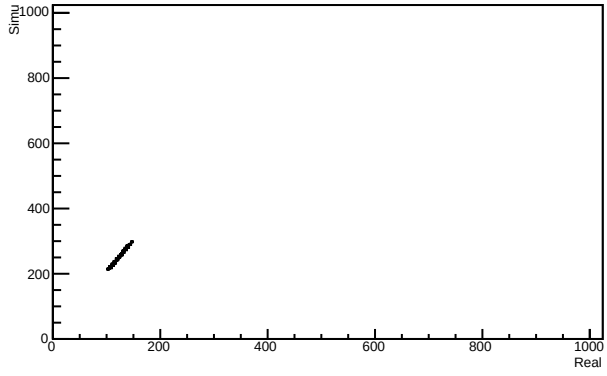

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 40000
18360
18714
1640
1286
East
West


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

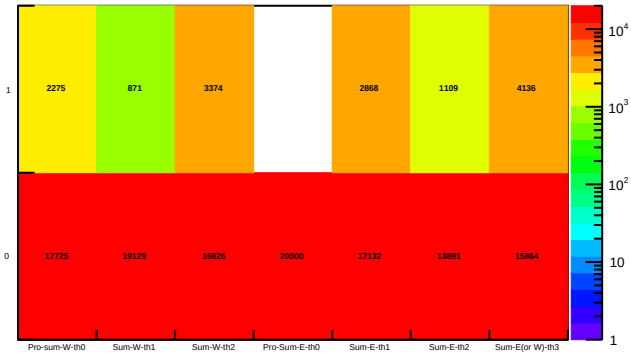
VT201 Input Ch2: ZDC Tac Diff



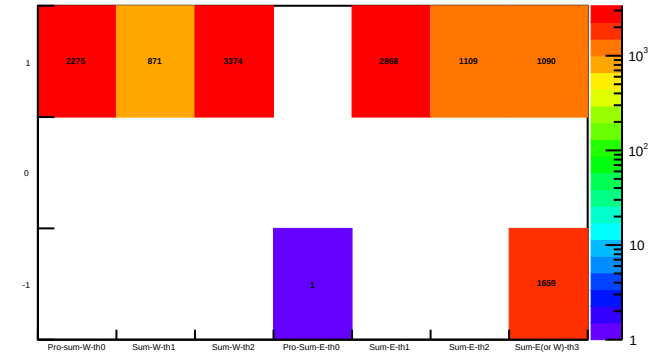
VT201 Input Ch2: ZDC Tac Diff



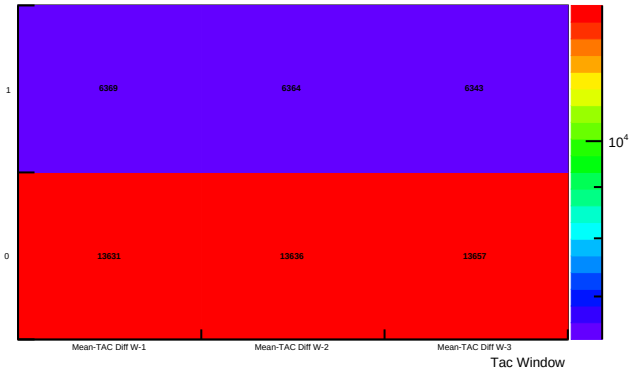
VT201 Input Ch2: ZDC Adc Sum Th



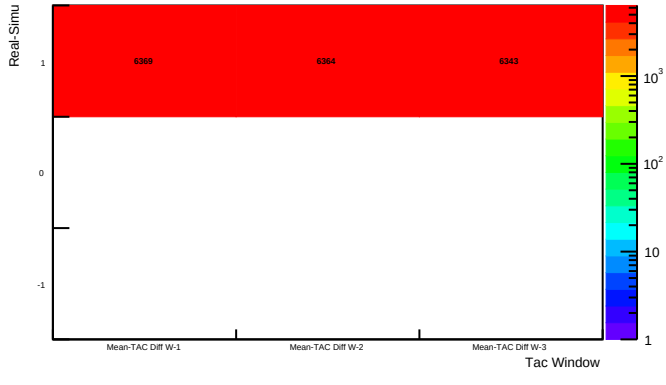
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



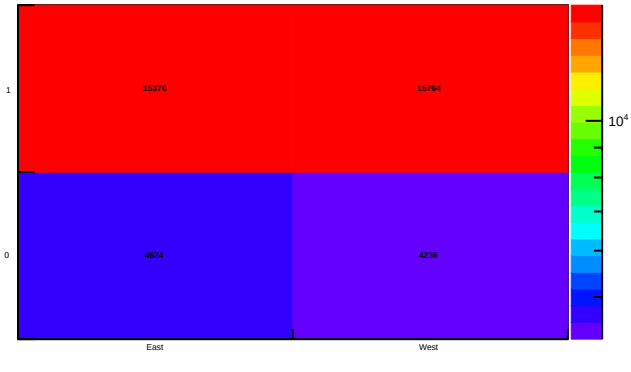
VT201 Input Ch4: VPD Tac Diff



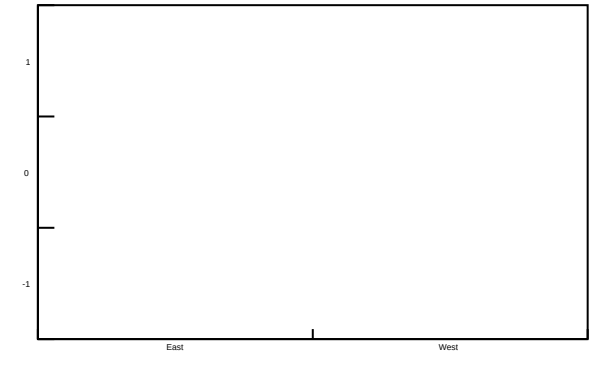
VT201 Input Ch4: VPD Tac Diff

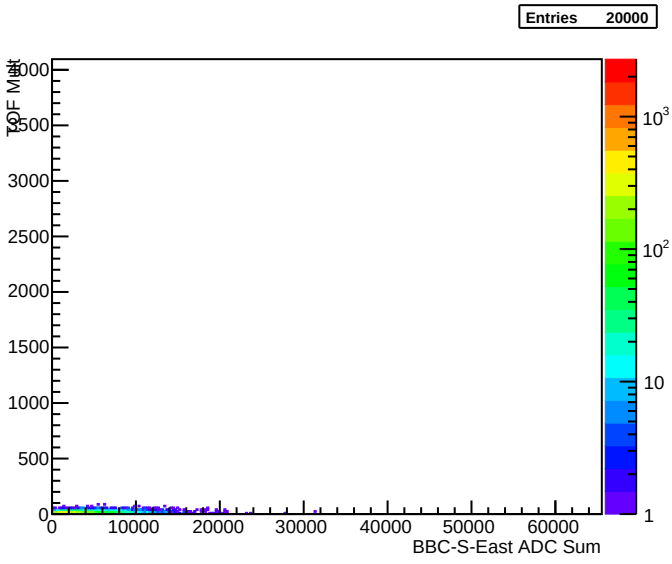


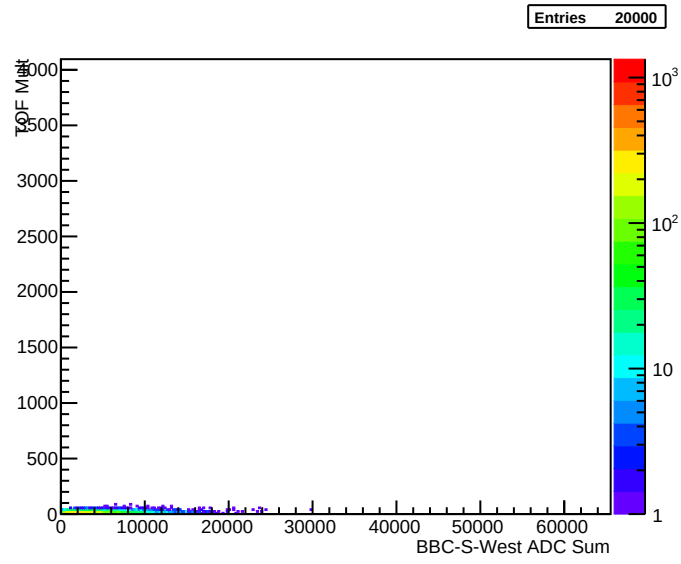
VT201 Input Ch4: VPD Adc Sum Th

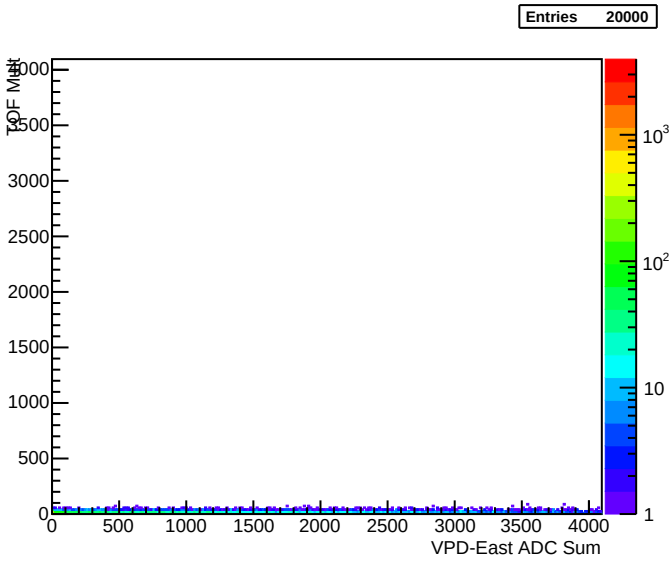


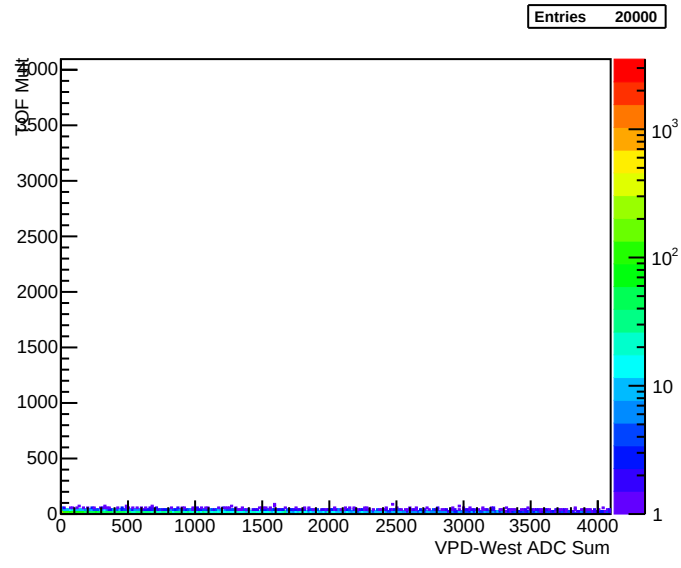
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

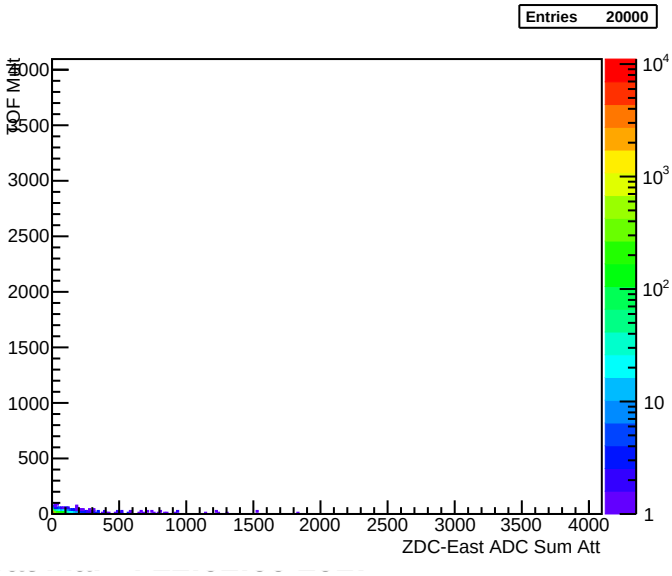


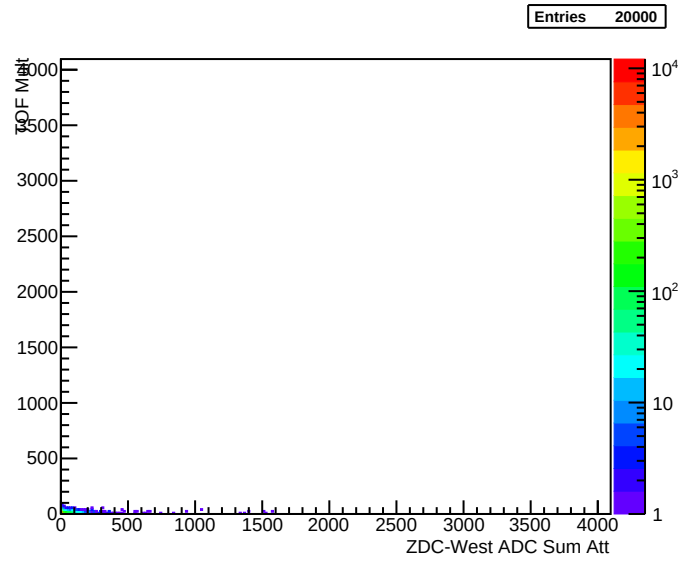

Entries 20000
TOF Mult
BBC-S-East ADC Sum

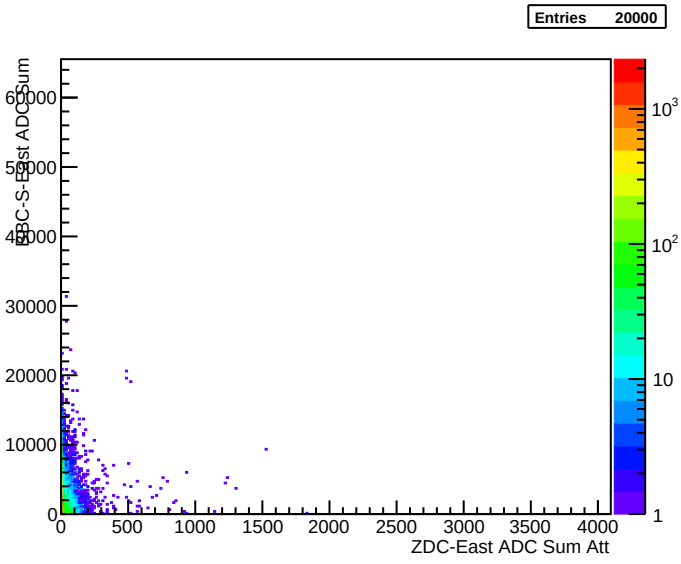

Entries 20000
TOF Mult
BBC-S-West ADC Sum

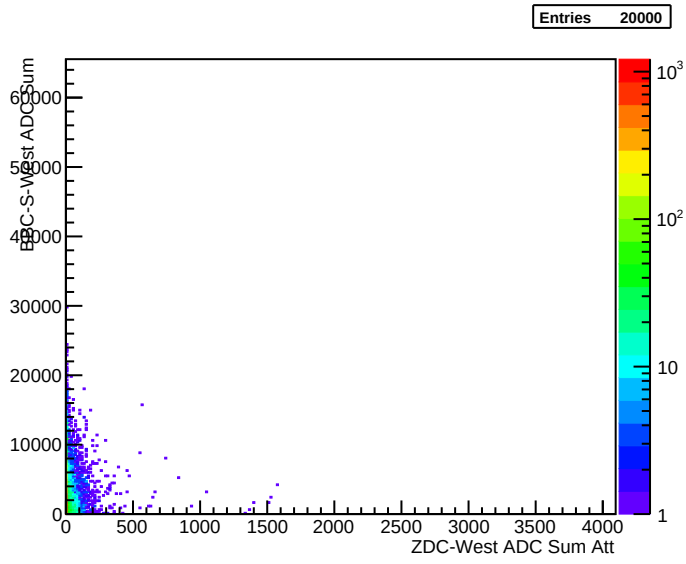

Entries 20000
TOF Mult
VPD-East ADC Sum

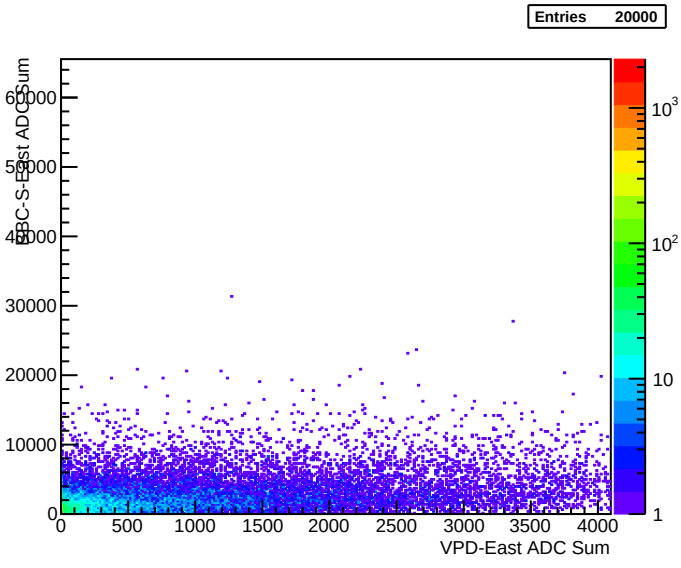

Entries 20000
TOF Mult
VPD-West ADC Sum

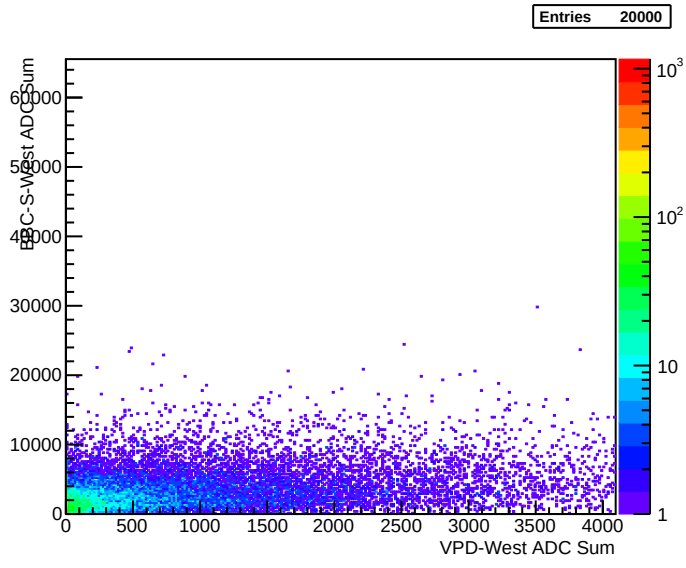

Entries 20000
TOF Mult
ZDC-East ADC Sum Att

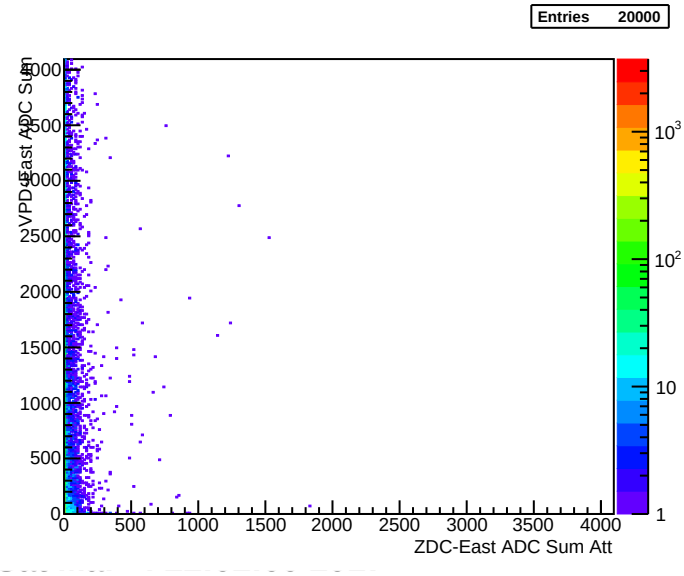

Entries 20000
TOF Mult
ZDC-West ADC Sum Att

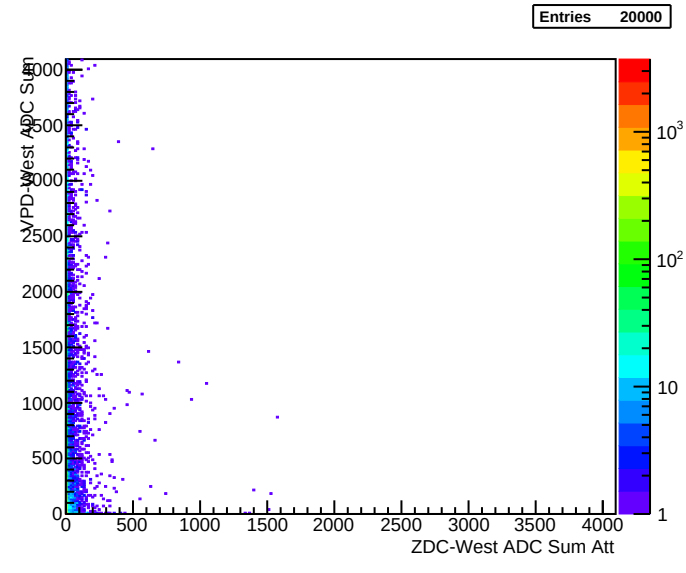

Entries 20000
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

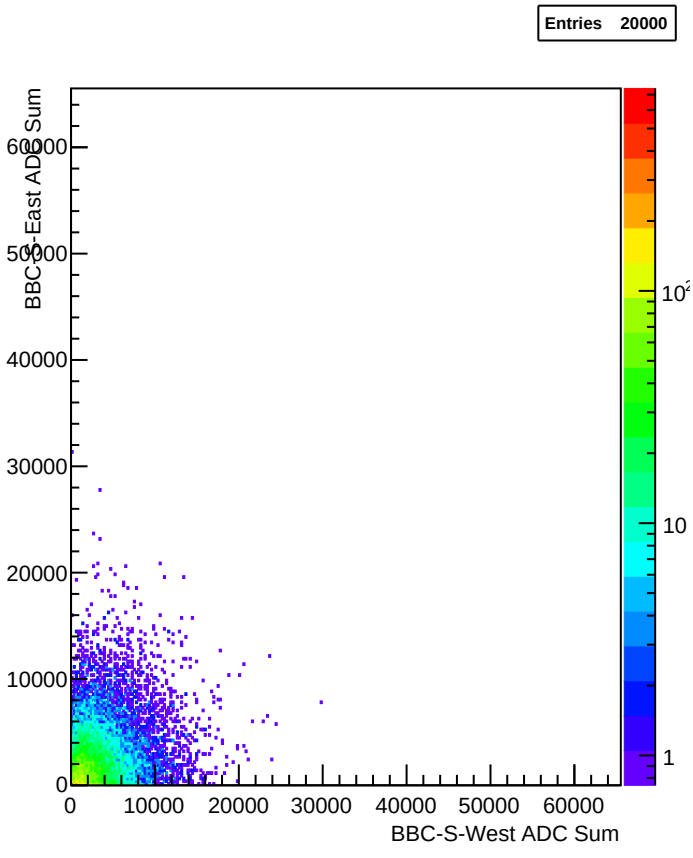

Entries 20000
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

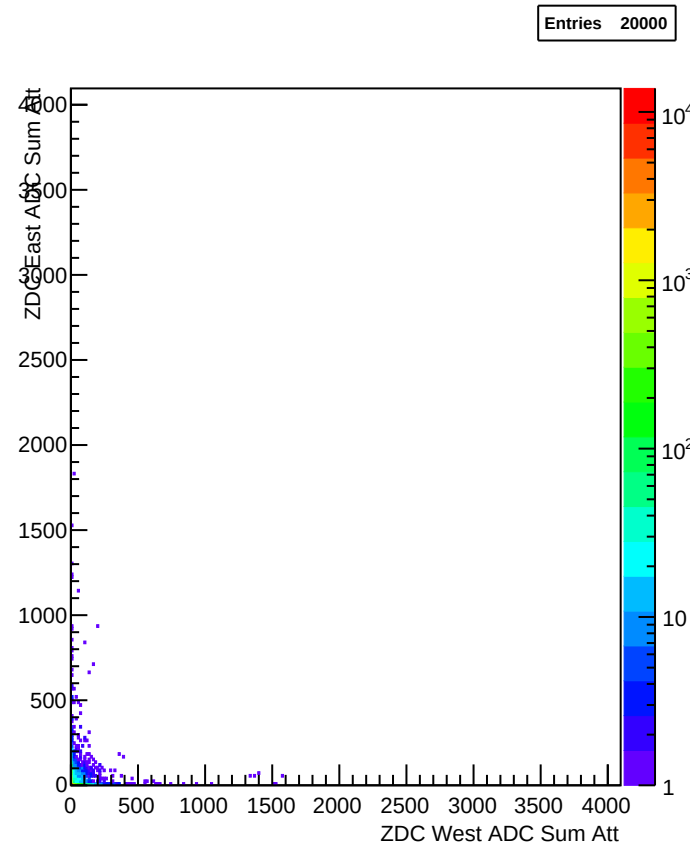

Entries 20000
BBC-S-East ADC Sum
VPD-East ADC Sum

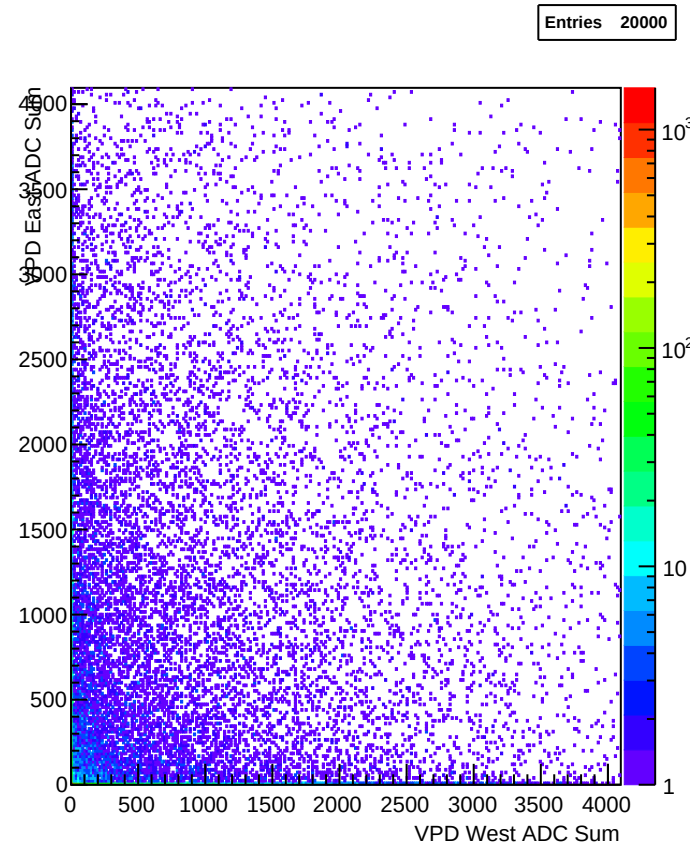

Entries 20000
BBC-S-West ADC Sum
VPD-West ADC Sum

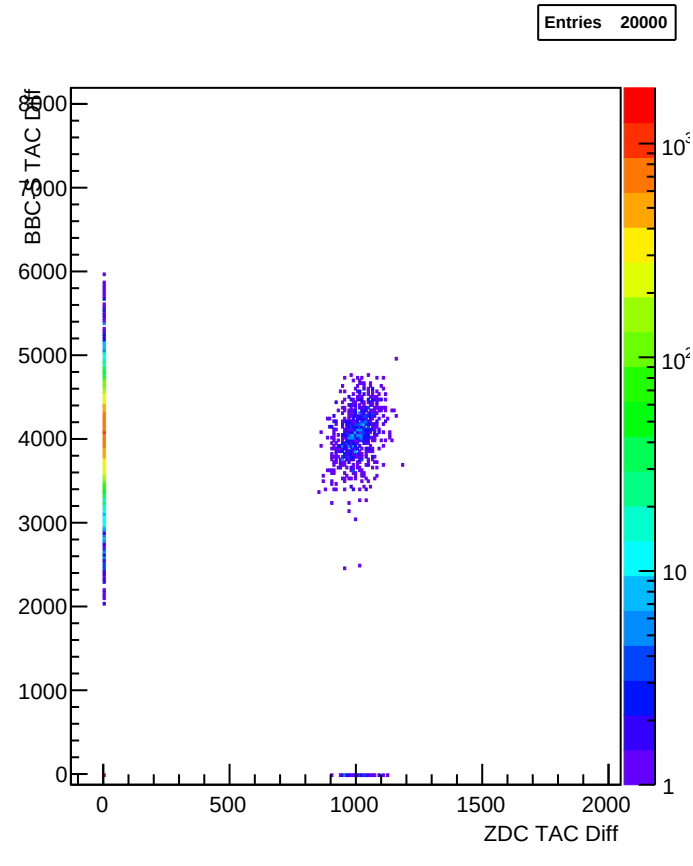

Entries 20000
VPD-East ADC Sum
ZDC-East ADC Sum Att

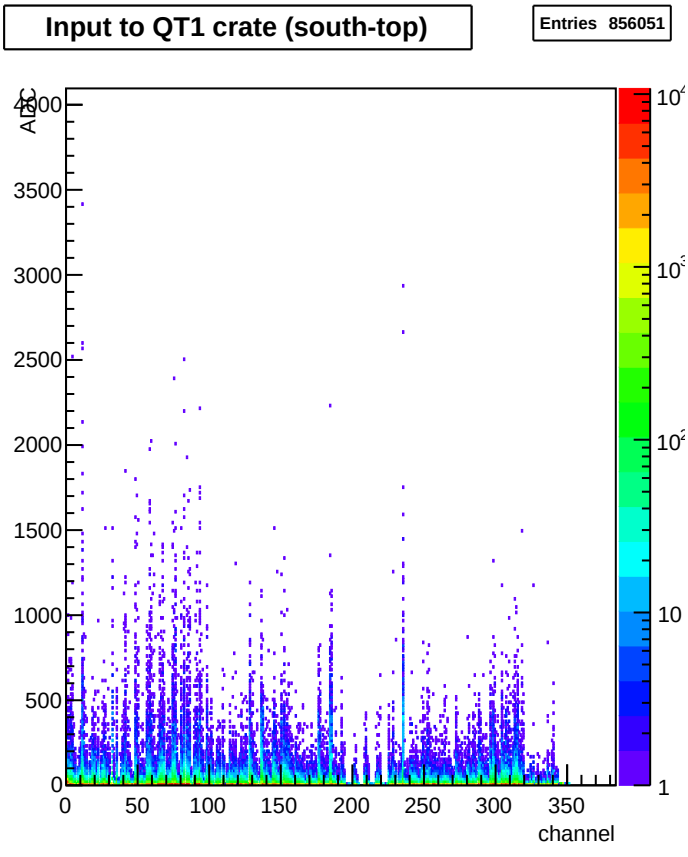

Entries 20000
VPD-West ADC Sum
ZDC-West ADC Sum Att

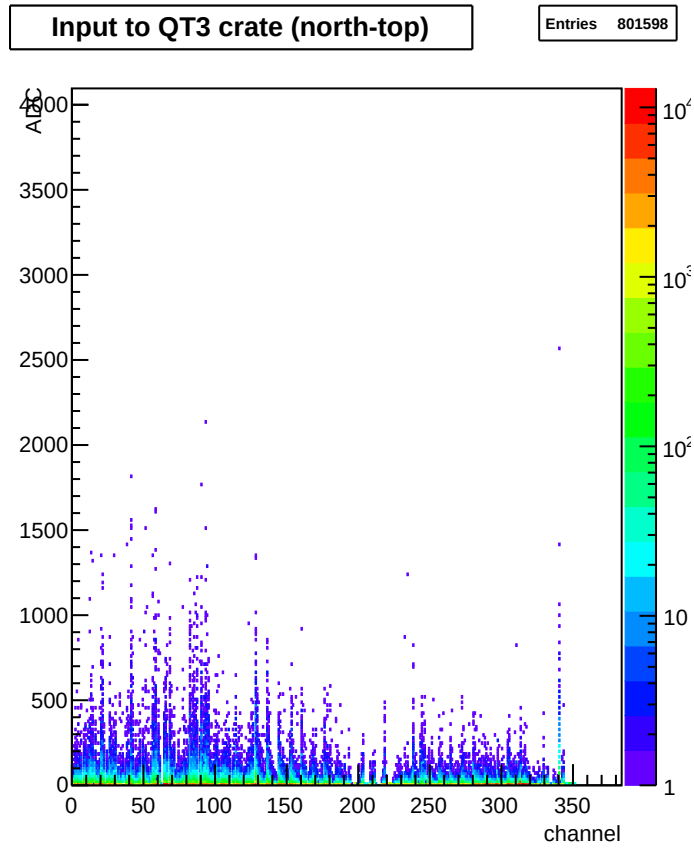

Entries 20000
BBC-S-East ADC Sum
BBC-S-West ADC Sum

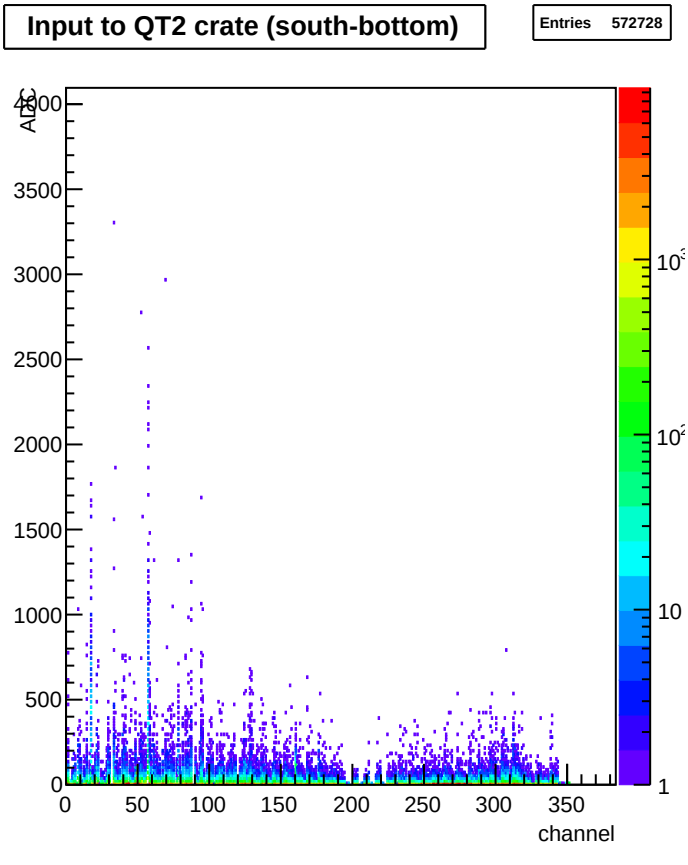

Entries 20000
ZDC East ADC Sum Att
ZDC West ADC Sum Att

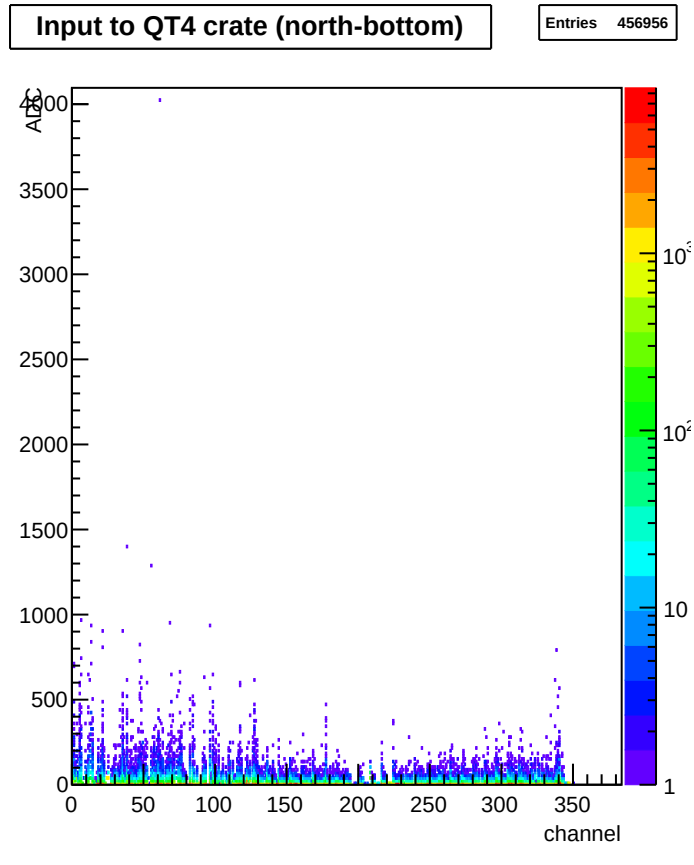

Entries 20000
VPD East ADC Sum
VPD West ADC Sum

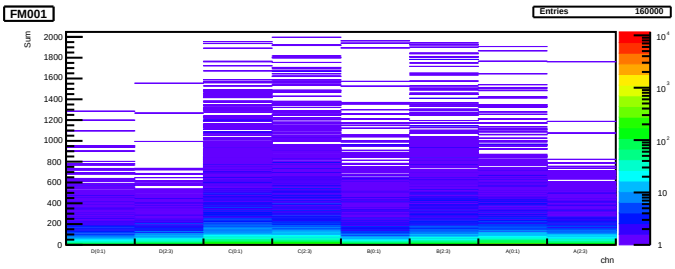

Entries 20000
BBC-S TAC Diff
ZDC TAC Diff

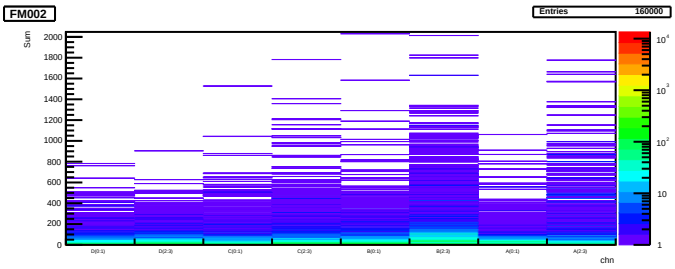

Input to QT1 crate (south-top)
Entries 856051
ADC
channel

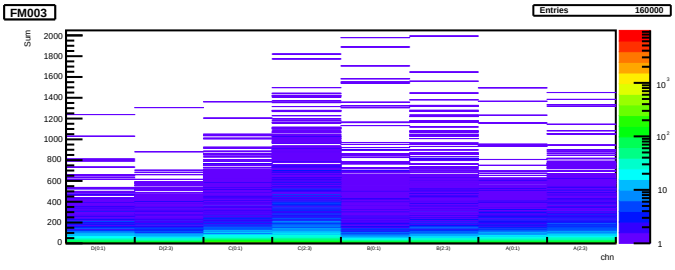

Input to QT3 crate (north-top)
Entries 801598
ADC
channel

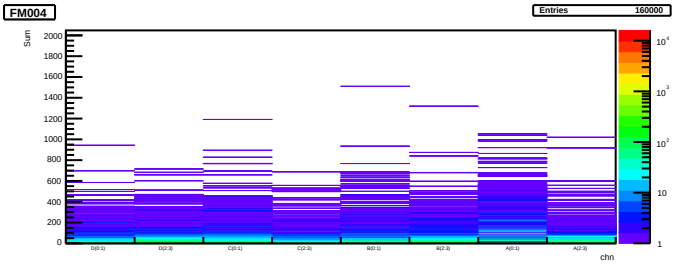

Input to QT2 crate (south-bottom)
Entries 572728
ADC
channel

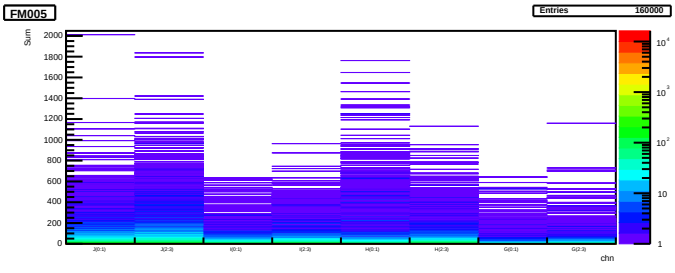

Input to QT4 crate (north-bottom)
Entries 456956
ADC
channel

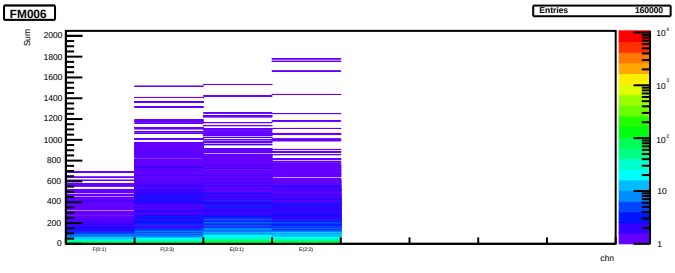

FM001
Entries 160000
Sum
chn

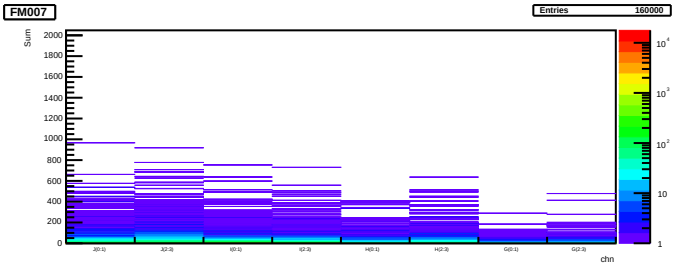

FM002
Entries 160000
Sum
chn

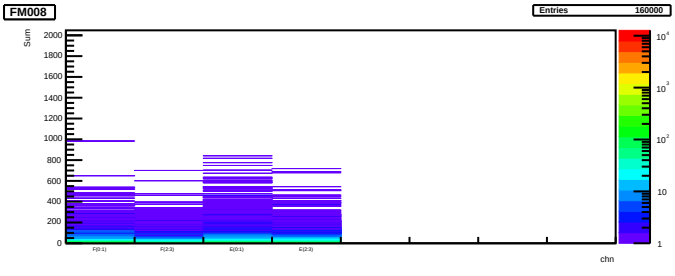

FM003
Entries 160000
Sum
chn

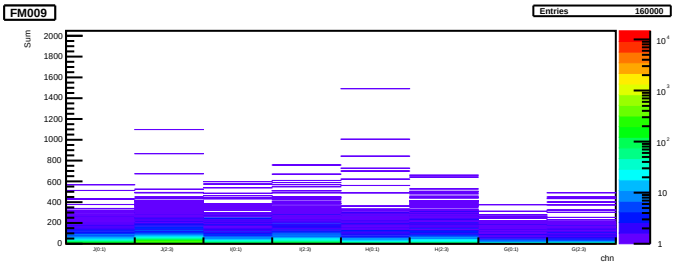

FM004
Entries 160000
Sum
chn

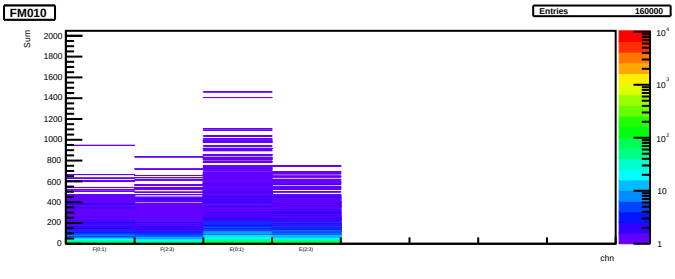

FM005
Entries 160000
Sum
chn

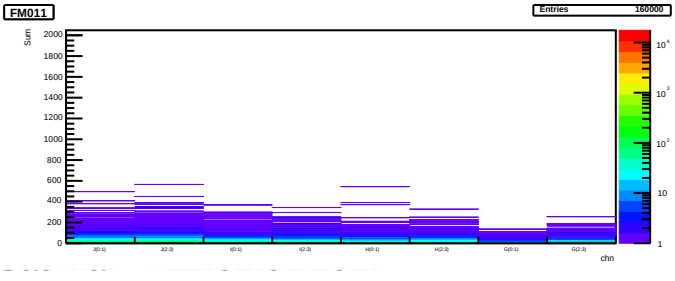

FM006
Entries 160000
Sum
chn

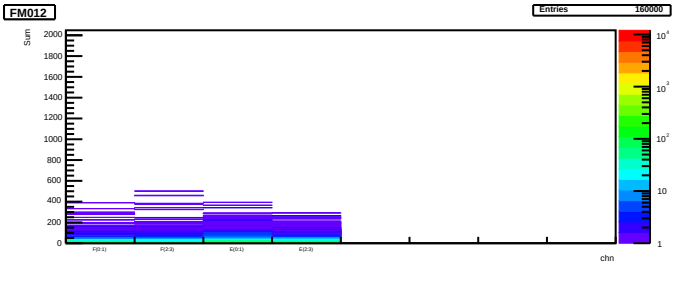

FM007
Entries 160000
Sum
chn

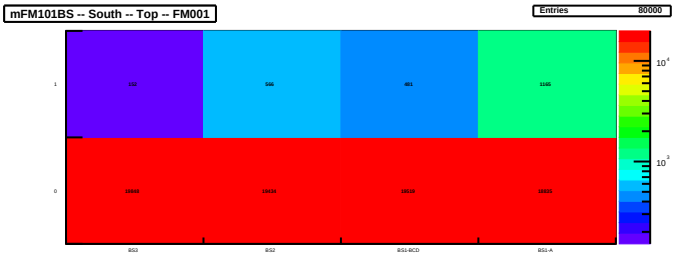

FM008
Entries 160000
Sum
chn

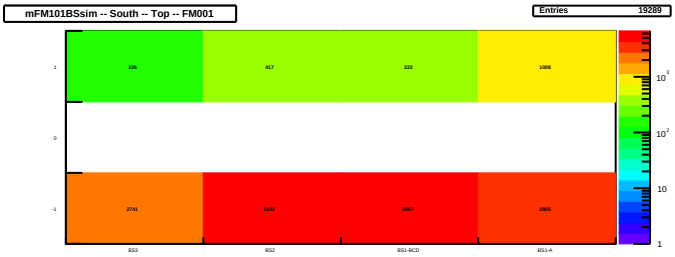

FM009
Entries 160000
Sum
chn

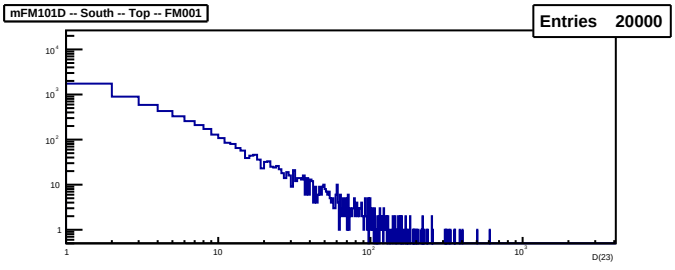

FM010
Entries 160000
Sum
chn

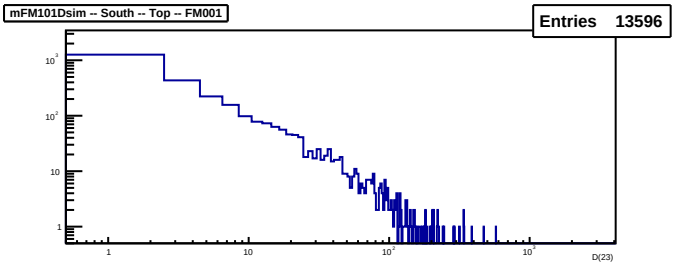

FM011
Entries 160000
Sum
chn

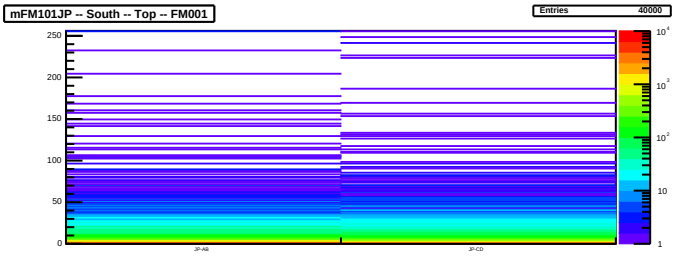

FM012
Entries 160000
Sum
chn

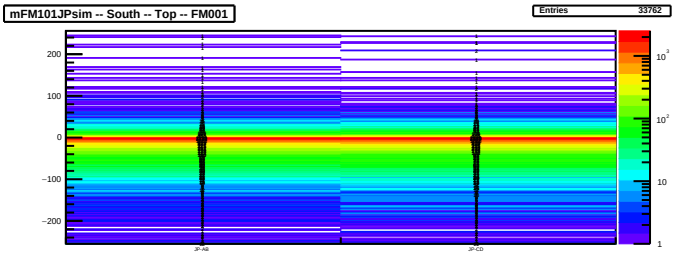

mFM101BS -- South -- Top -- FM001
Entries 80000
152
566
481
1145
19648
19434
18519
18635
BS3
BS2
BS1-BCD
BS1-A

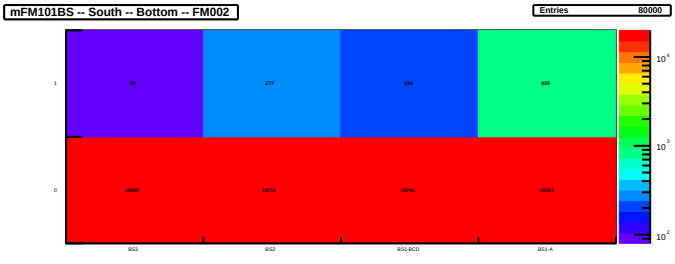

mFM101BSsim -- South -- Top -- FM001
Entries 19289
126
417
323
1008
2741
5193
6667
2805
BS3
BS2
BS1-BCD
BS1-A

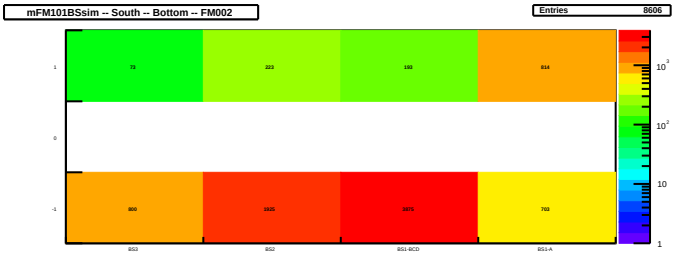

mFM101D -- South -- Top -- FM001
Entries 20000
D(23)

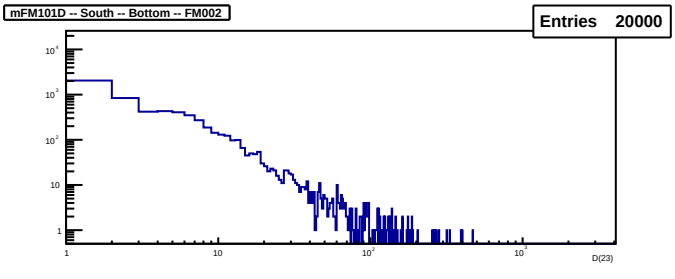

mFM101Dsim -- South -- Top -- FM001
Entries 13596
D(23)

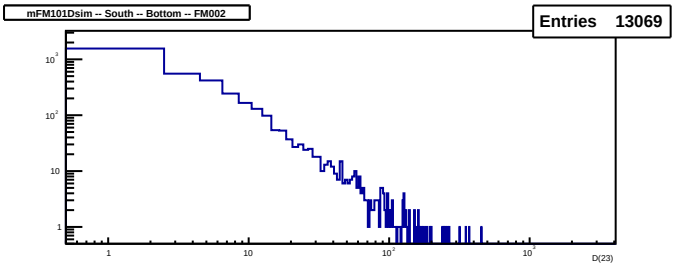

mFM101JP -- South -- Top -- FM001
Entries 40000
JP-AB
JP-CD

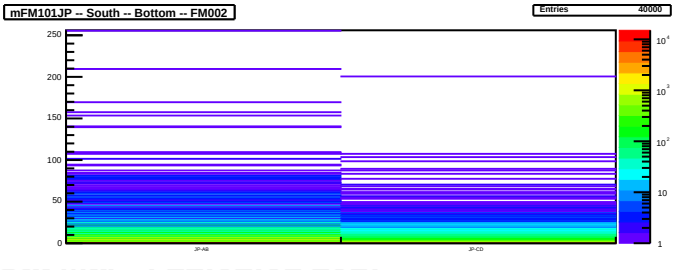

mFM101JPsim -- South -- Top -- FM001
Entries 33762
JP-AB
JP-CD

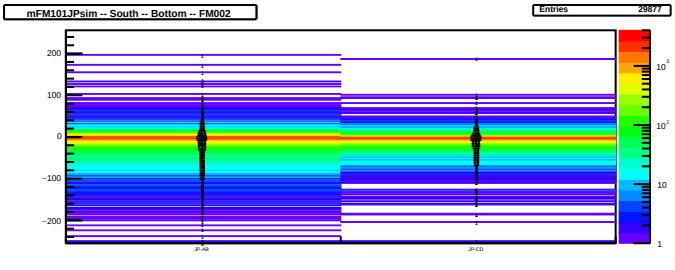

mFM101BS -- South -- Bottom -- FM002
Entries 80000
80
277
234
959
19920
19723
19766
19061
BS3
BS2
BS1-BCD
BS1-A

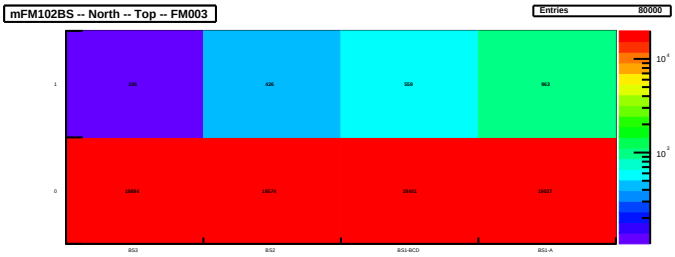

mFM101BSsim -- South -- Bottom -- FM002
Entries 8606
79
223
193
814
800
1935
2075
703
BS3
BS2
BS1-BCD
BS1-A

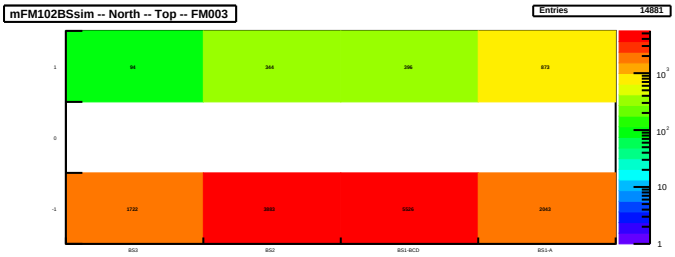

mFM101D -- South -- Bottom -- FM002
Entries 20000
D(23)

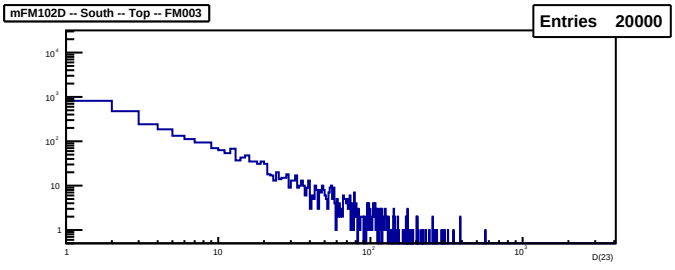

mFM101Dsim -- South -- Bottom -- FM002
Entries 13069
D(23)

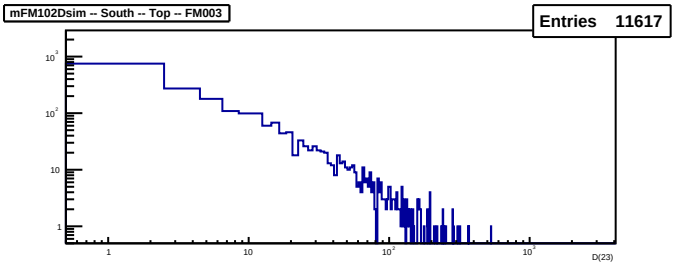

mFM101JP -- South -- Bottom -- FM002
Entries 40000
JP-AB
JP-CD

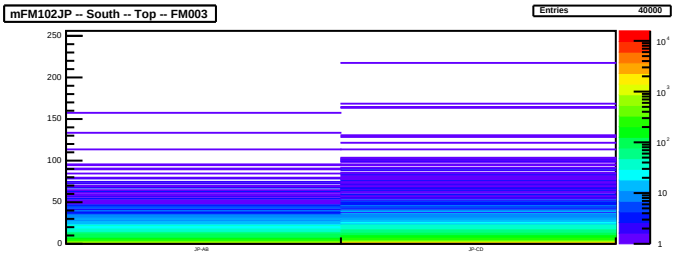

mFM101JPsim -- South -- Bottom -- FM002
Entries 29877
JP-AB
JP-CD

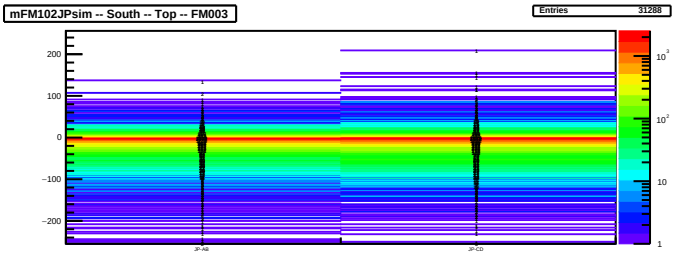

mFM102BS -- North -- Top -- FM003
Entries 80000

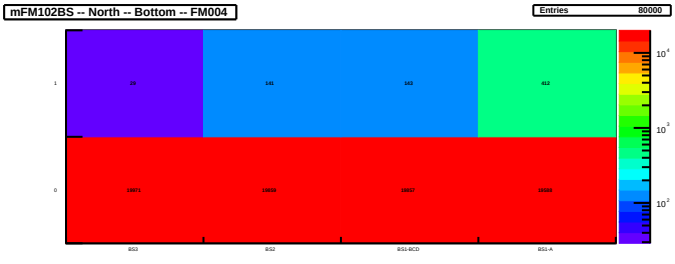

mFM102BSsim -- North -- Top -- FM003
Entries 14881

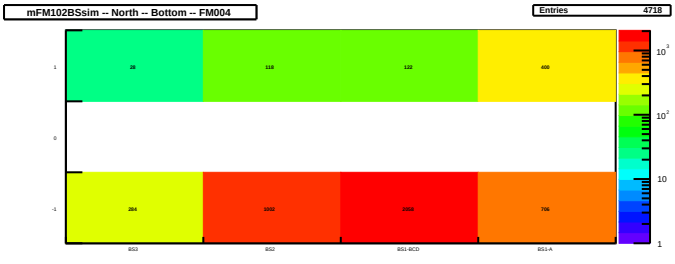

mFM102D -- South -- Top -- FM003
Entries 20000
D(23)

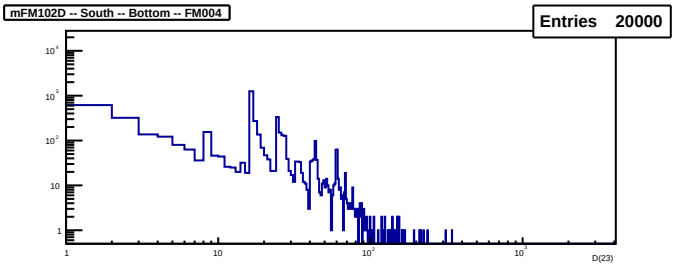

mFM102Dsim -- South -- Top -- FM003
Entries 11617
D(23)

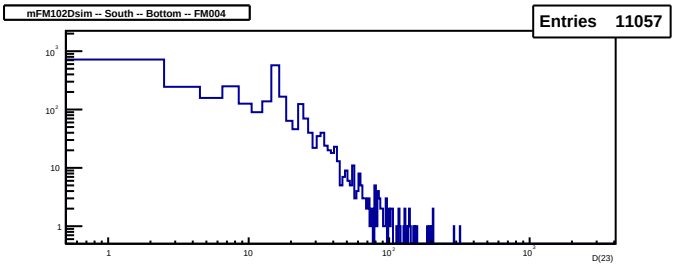

mFM102JP -- South -- Top -- FM003
Entries 40000

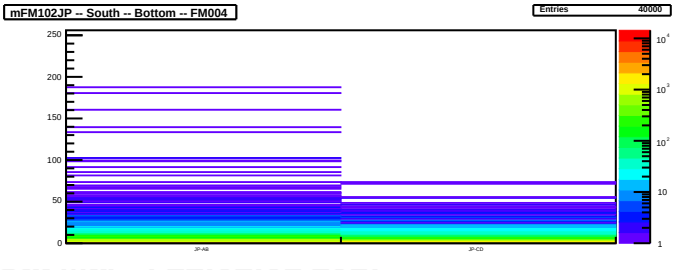

mFM102JPsim -- South -- Top -- FM003
Entries 31288

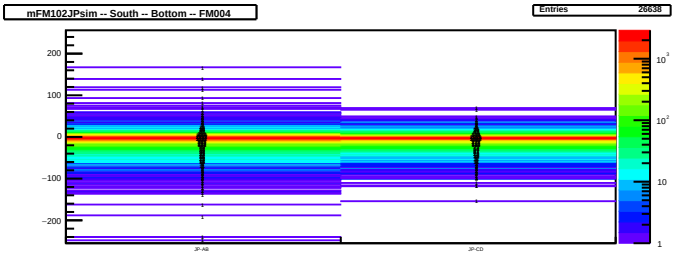

mFM102BS -- North -- Bottom -- FM004
Entries 80000

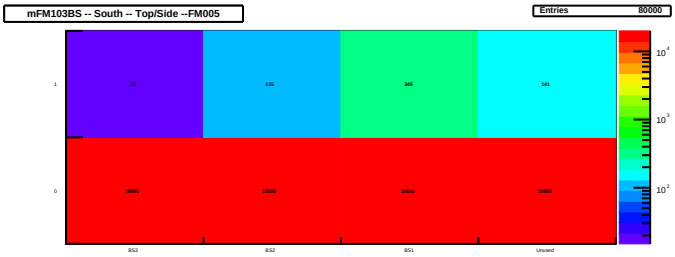

mFM102BSsim -- North -- Bottom -- FM004
Entries 4718

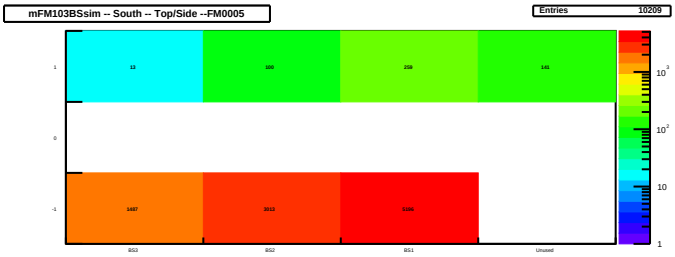

mFM102D -- South -- Bottom -- FM004
Entries 20000
D(23)

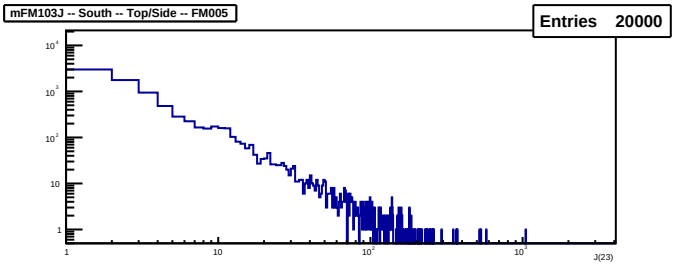

mFM102Dsim -- South -- Bottom -- FM004
Entries 11057
D(23)

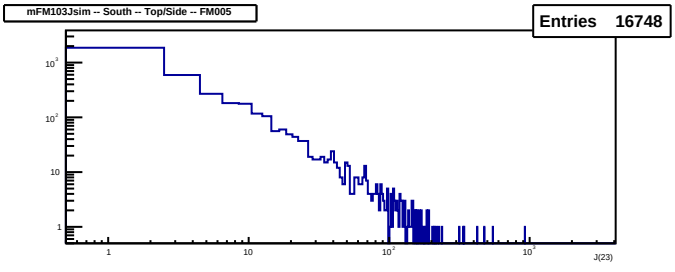

mFM102JP -- South -- Bottom -- FM004
Entries 40000

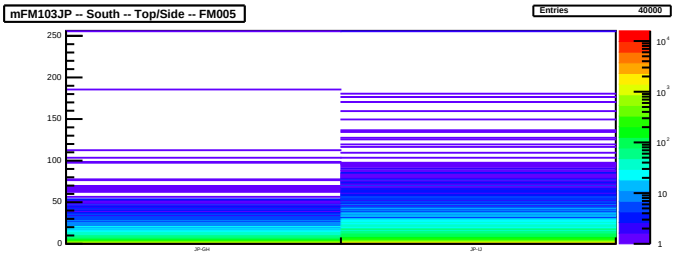

mFM102JPsim -- South -- Bottom -- FM004
Entries 26638

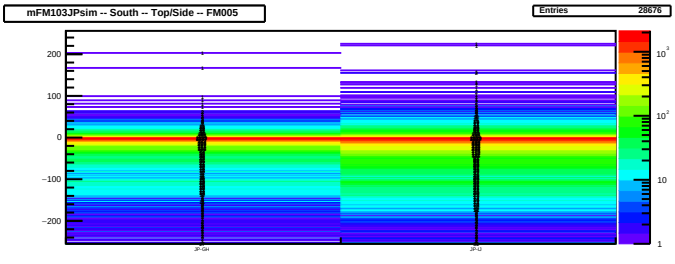

mFM103BS -- South -- Top/Side --FM005
Entries 80000
BS3
BS2
BS1
Unused

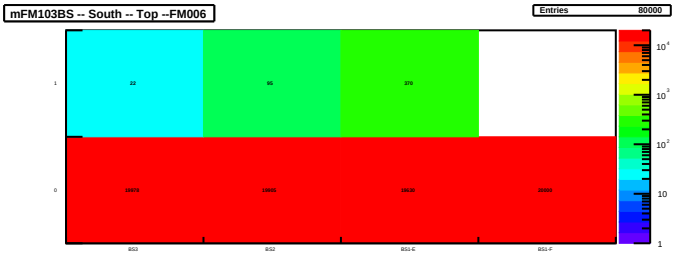

mFM103BSsim -- South -- Top/Side --FM0005
Entries 10209
BS3
BS2
BS1
Unused

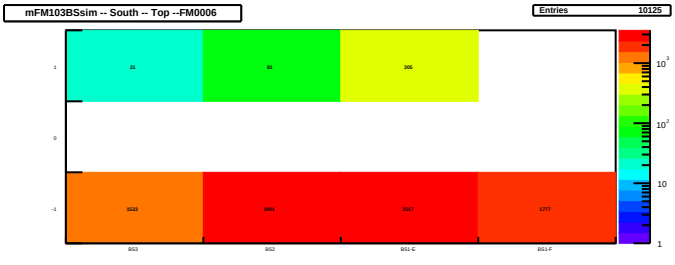

mFM103J -- South -- Top/Side -- FM005
Entries 20000
J(23)

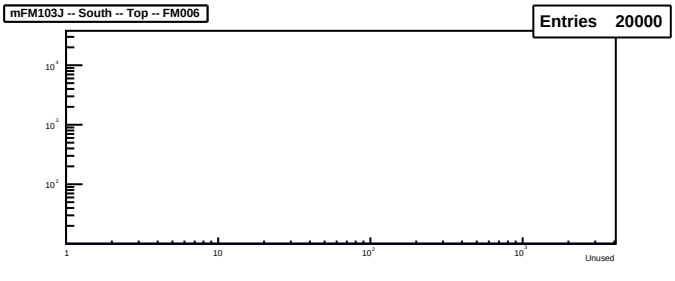

mFM103Jsim -- South -- Top/Side -- FM005
Entries 16748
J(23)

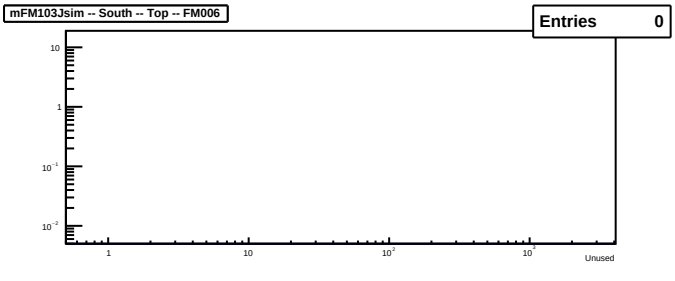

mFM103JP -- South -- Top/Side -- FM005
Entries 40000
JP-GH
JP-IJ

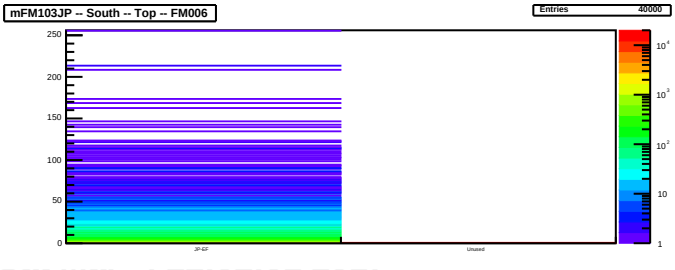

mFM103JPsim -- South -- Top/Side -- FM005
Entries 28676
JP-GH
JP-IJ

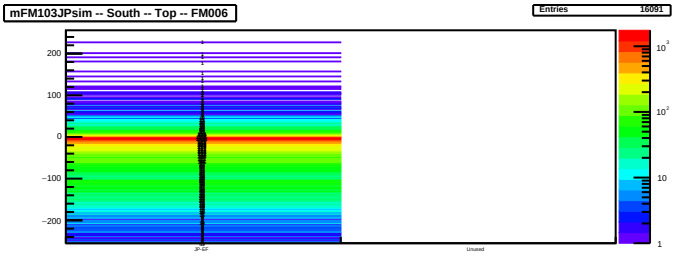

mFM103BS -- South -- Top --FM006
Entries 80000
BS3
BS2
BS1-E
BS1-F

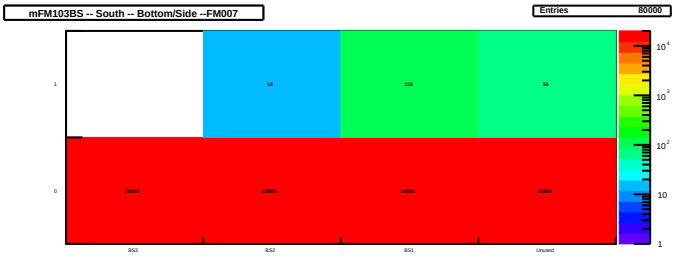

mFM103BSsim -- South -- Top --FM0006
Entries 10125
BS3
BS2
BS1-E
BS1-F

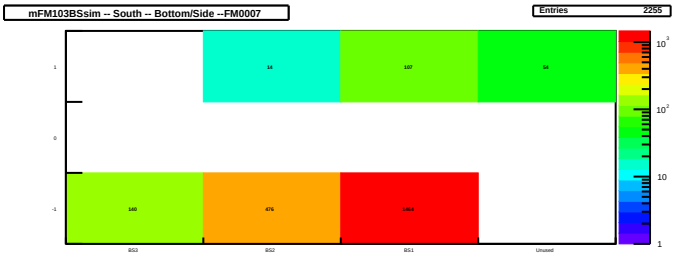

mFM103J -- South -- Top -- FM006
Entries 20000
Unused

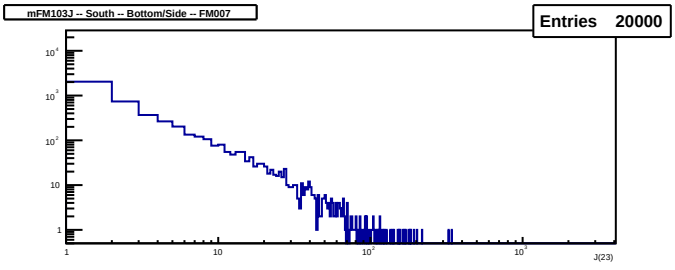

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

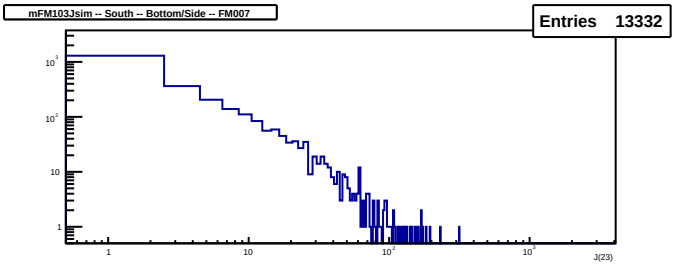

mFM103JP -- South -- Top -- FM006
Entries 40000
JP-EF
Unused

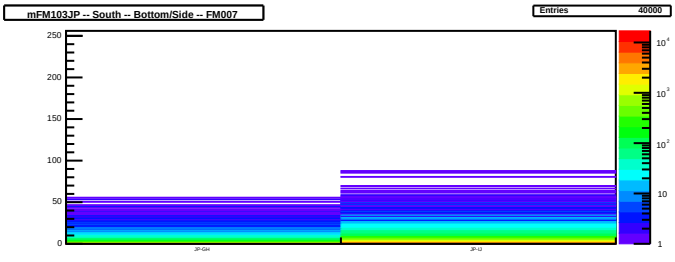

mFM103JPsim -- South -- Top -- FM006
Entries 16091
JP-EF
Unused

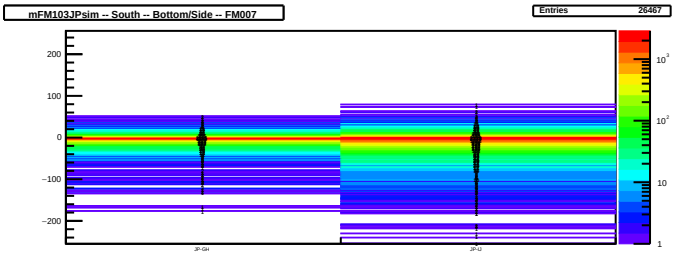

mFM103BS -- South -- Bottom/Side --FM007
Entries 80000
14
116
64
20000
19986
19984
19986
BS3
BS2
BS1
Unused

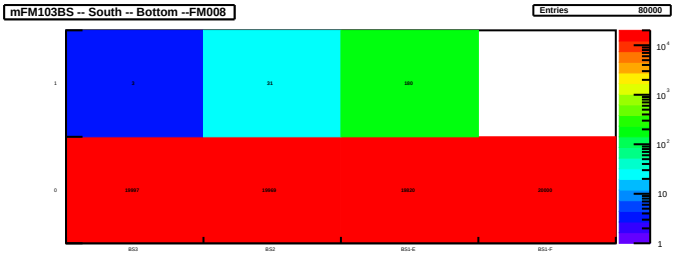

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 2255
14
167
64
140
476
1464
BS3
BS2
BS1
Unused

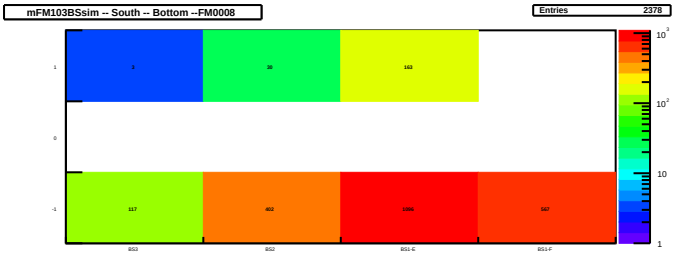

mFM103J -- South -- Bottom/Side -- FM007
Entries 20000
J(23)

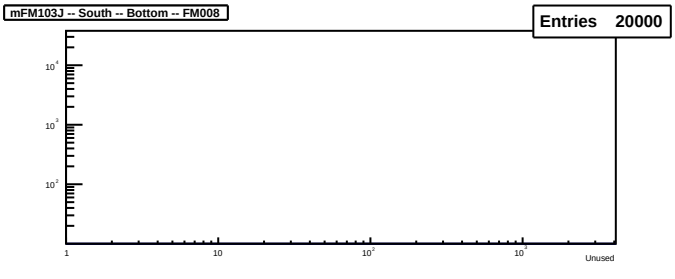

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 13332
J(23)

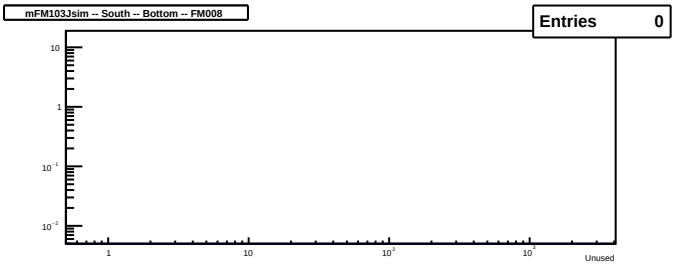

mFM103JP -- South -- Bottom/Side -- FM007
Entries 40000
JP-GH
JP-IJ

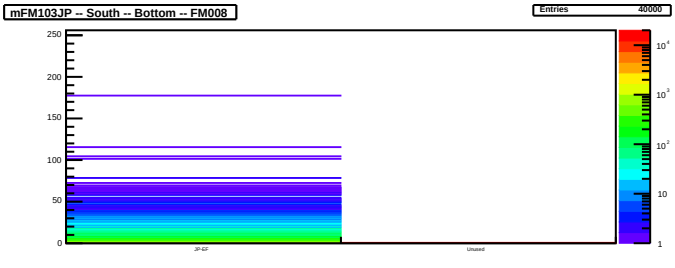

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 26467
JP-GH
JP-IJ


mFM103BS -- South -- Bottom --FM008
Entries 80000
1
31
160
19997
19969
19820
20000
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 2378
1
38
163
117
402
1096
567
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 20000
Unused


mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused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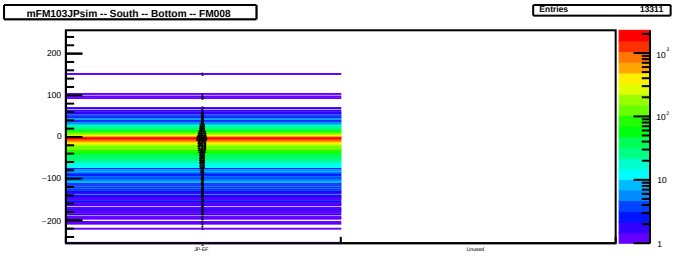
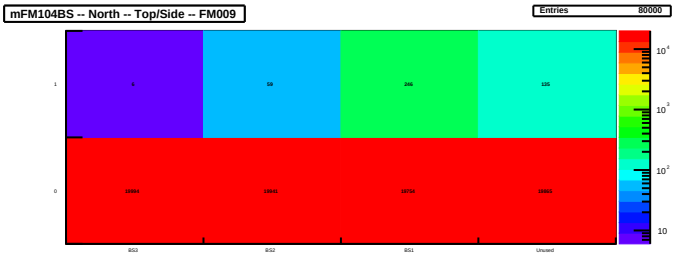
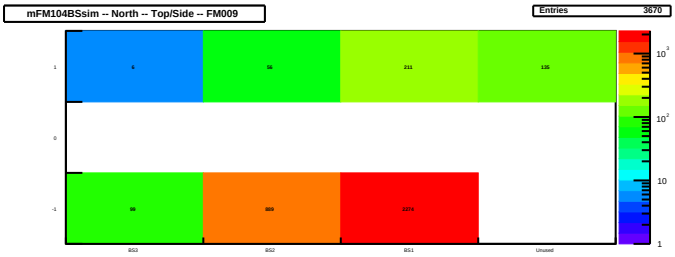
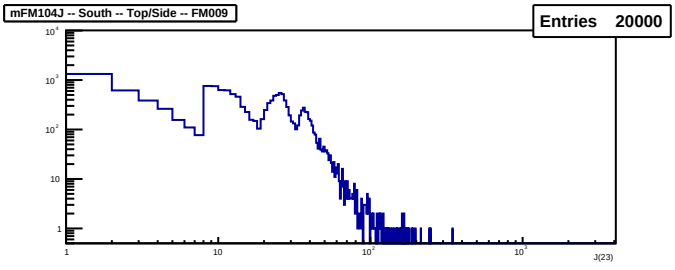
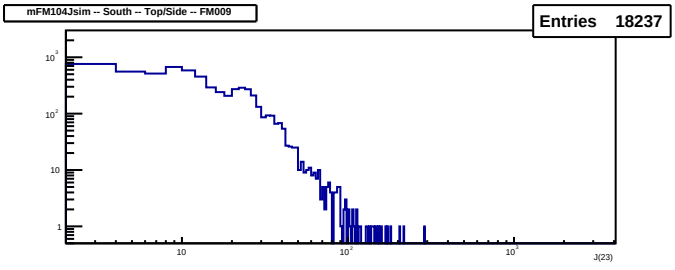
Entries 40000
JP-EF
Unused

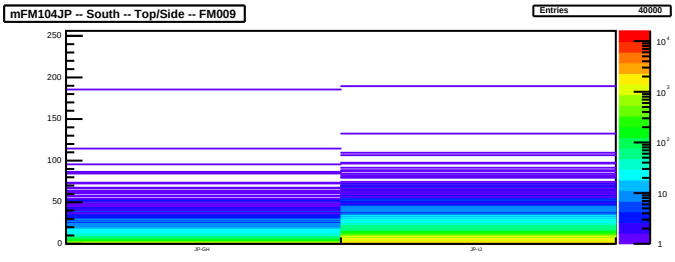

mFM103JPsim -- South -- Bottom -- FM008
Entries 13311
JP-EF
Unused

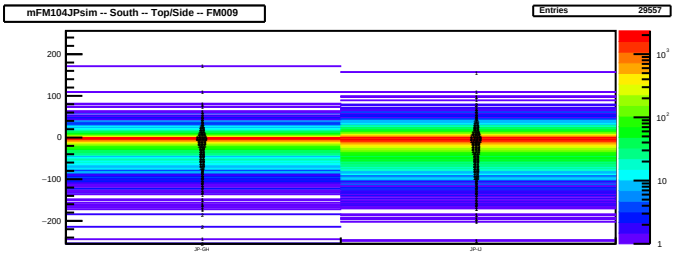

mFM104BS -- North -- Top/Side -- FM009
Entries 80000

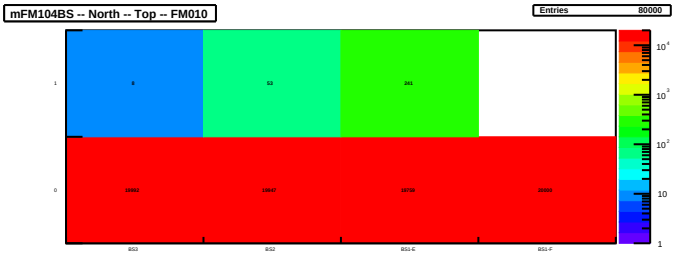

mFM104BSsim -- North -- Top/Side -- FM009
Entries 3670

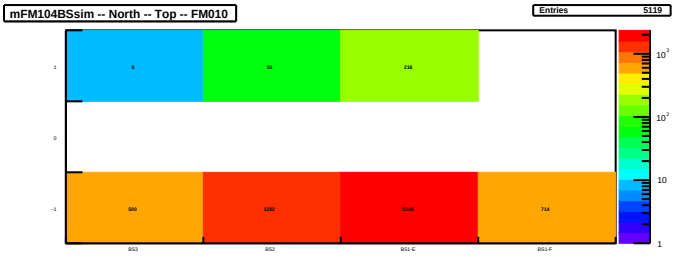

mFM104J -- South -- Top/Side -- FM009
Entries 20000
J(23)

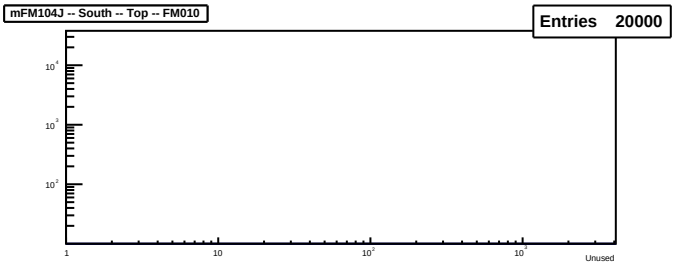

mFM104Jsim -- South -- Top/Side -- FM009
Entries 18237
J(23)

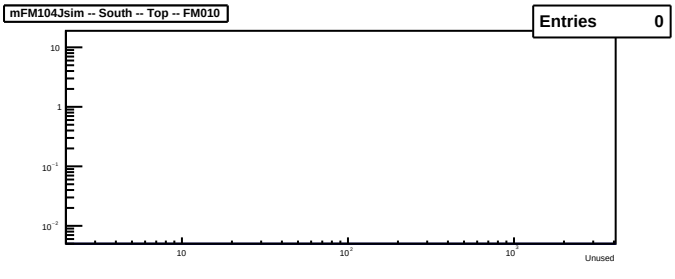

mFM104JP -- South -- Top/Side -- FM009
Entries 40000

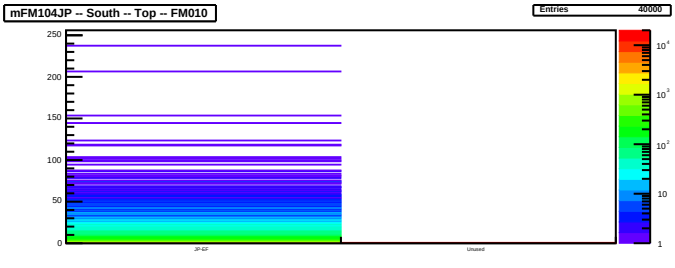

mFM104JPsim -- South -- Top/Side -- FM009
Entries 29557

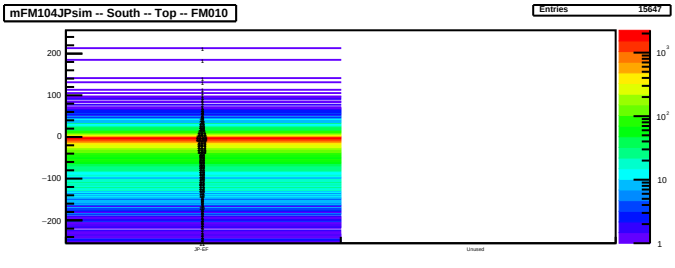

mFM104BS -- North -- Top -- FM010
Entries 80000

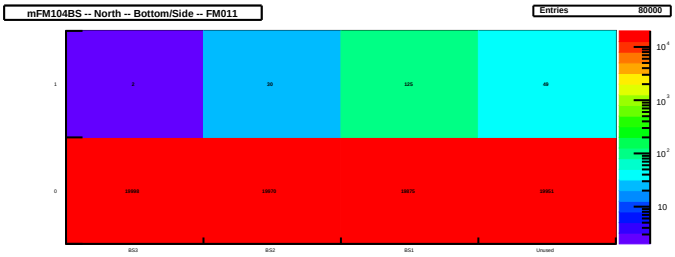

mFM104BSsim -- North -- Top -- FM010
Entries 5119

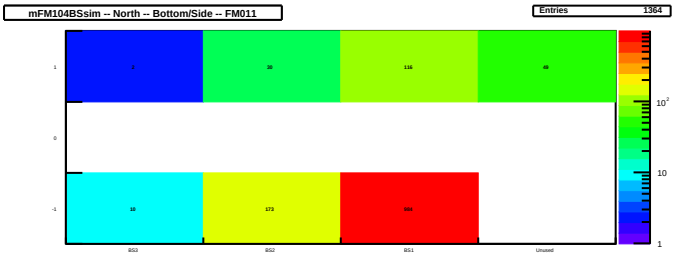

mFM104J -- South -- Top -- FM010
Entries 20000
Unused

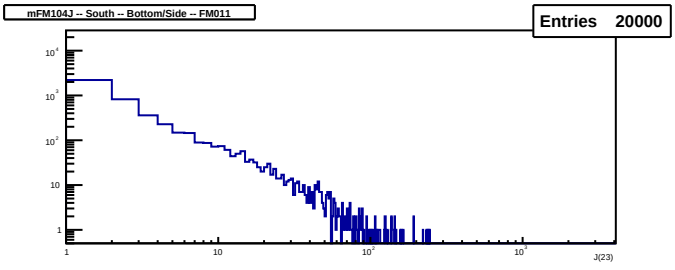

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

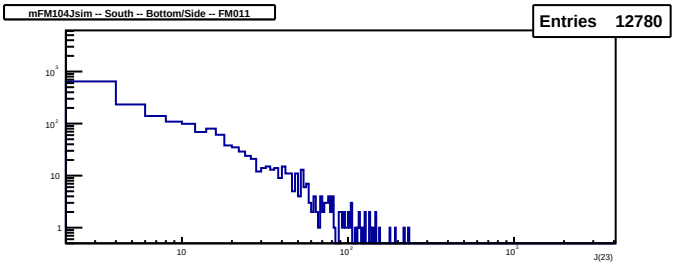

mFM104JP -- South -- Top -- FM010
Entries 40000

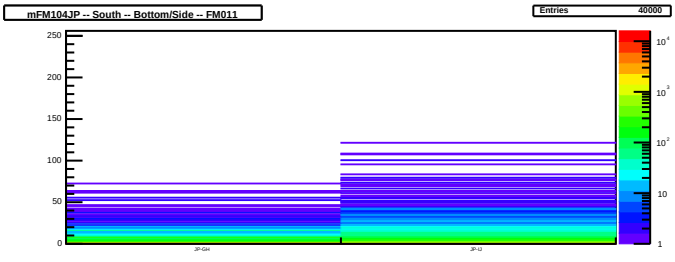

mFM104JPsim -- South -- Top -- FM010
Entries 15647

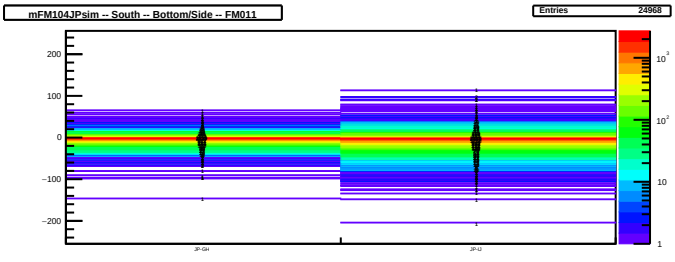

mFM104BS -- North -- Bottom/Side -- FM011
Entries 80000

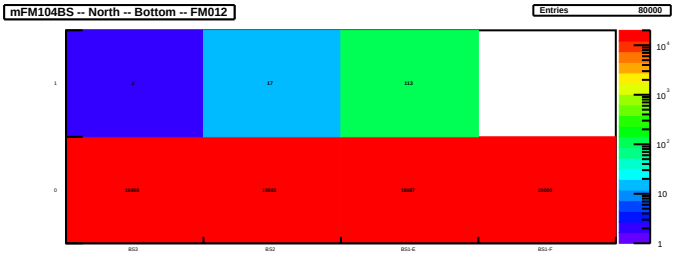

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1364

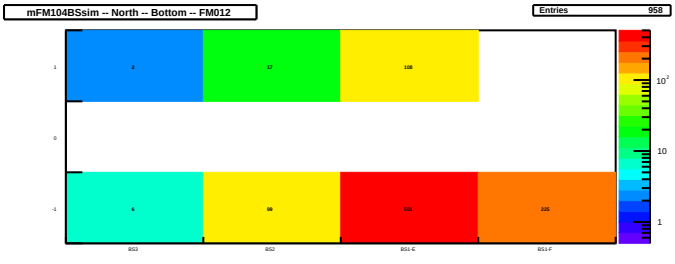

mFM104J -- South -- Bottom/Side -- FM011
Entries 20000
J(23)

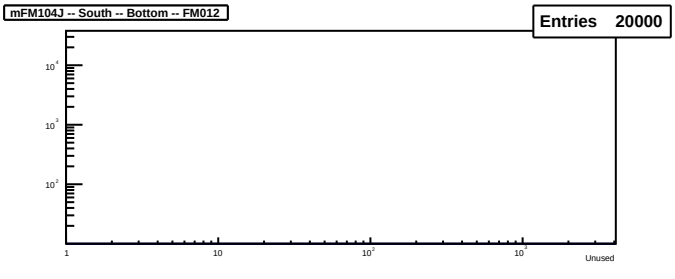

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 12780
J(23)

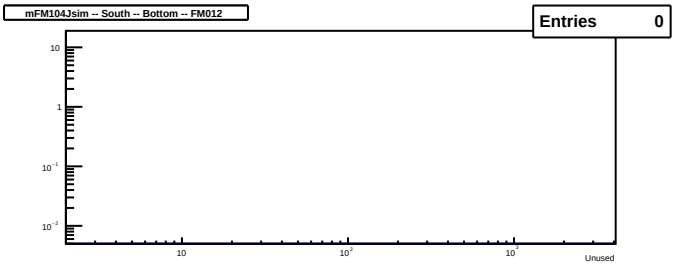

mFM104JP -- South -- Bottom/Side -- FM011
Entries 40000

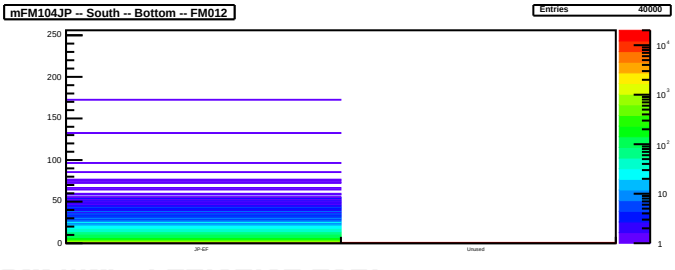

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 24968

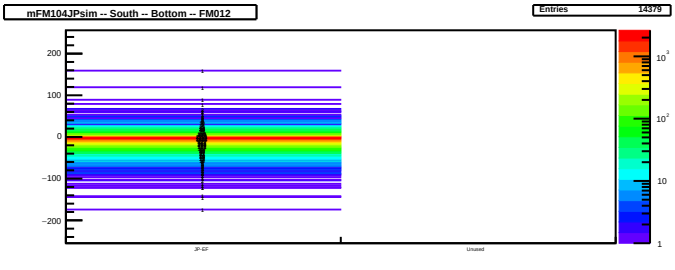

mFM104BS -- North -- Bottom -- FM012
Entries 80000

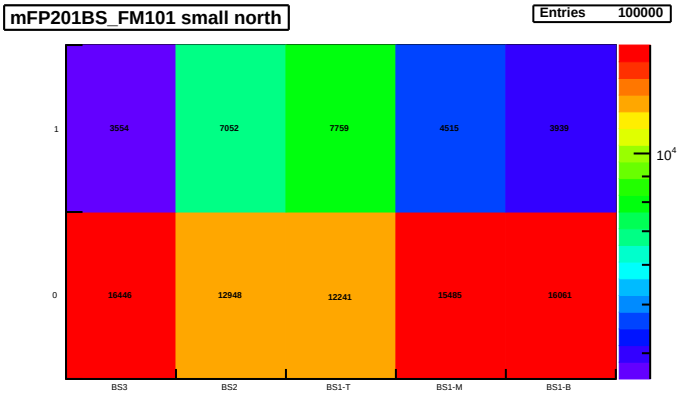

mFM104BSsim -- North -- Bottom -- FM012
Entries 958

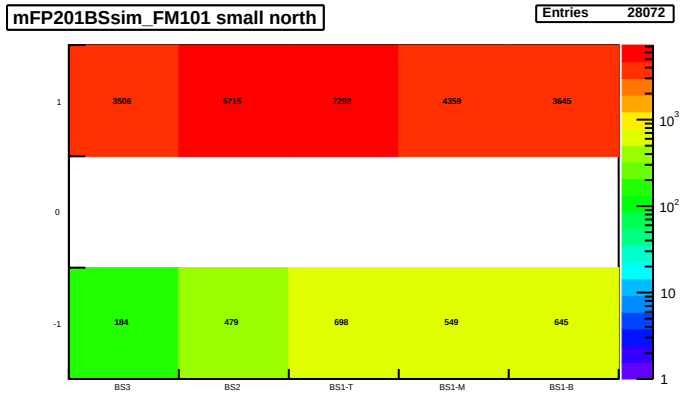

mFM104J -- South -- Bottom -- FM012
Entries 20000
Unused

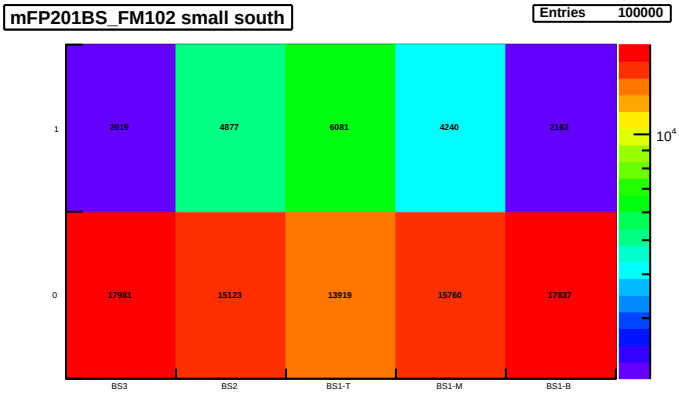

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

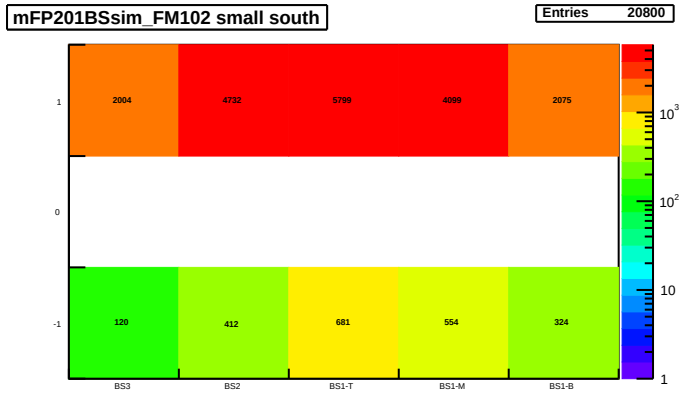

mFM104JP -- South -- Bottom -- FM012
Entries 40000

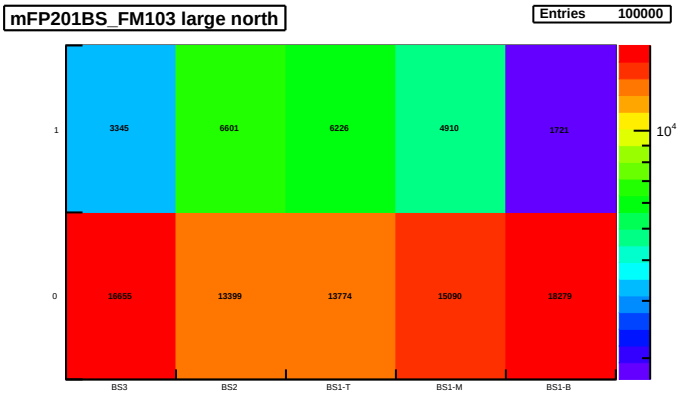

mFM104JPsim -- South -- Bottom -- FM012
Entries 14379

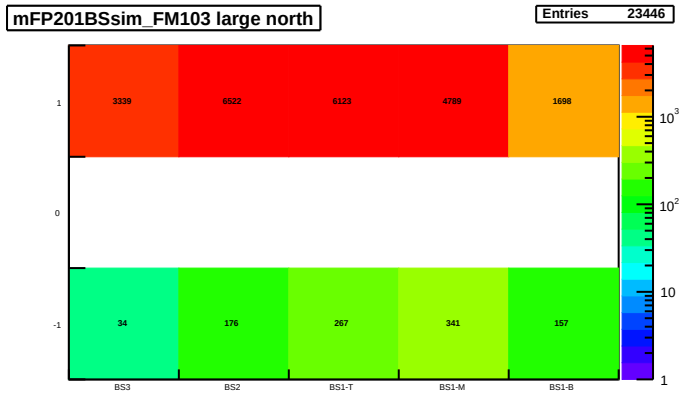

mFP201BS_FM101 small north
Entries 100000
3554 7052 7759 4515 3939
16446 12948 12241 15485 16061
BS3 BS2 BS1-T BS1-M BS1-B
1
0
10^4

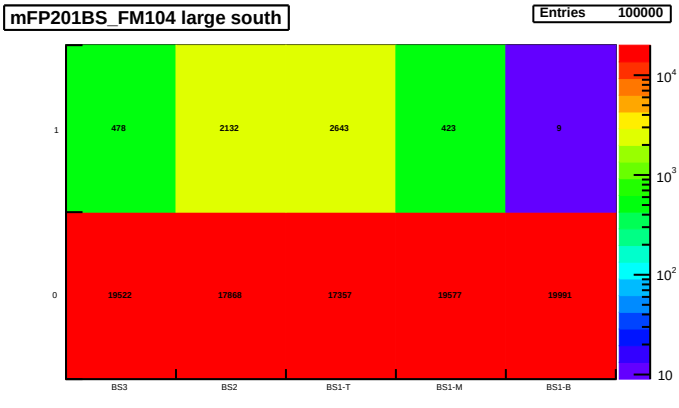

mFP201BSsim_FM101 small north
Entries 28072
3506 6715 7292 4359 3645
184 479 698 549 645
BS3 BS2 BS1-T BS1-M BS1-B
1
0
-1
10^3
10^2
10
1

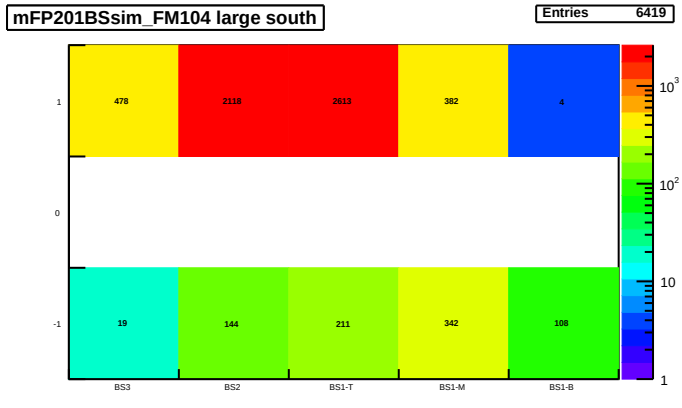

mFP201BS_FM102 small south
Entries 100000
2019 4877 6081 4240 2163
17981 15123 13919 15760 17837
BS3 BS2 BS1-T BS1-M BS1-B
1
0
10^4

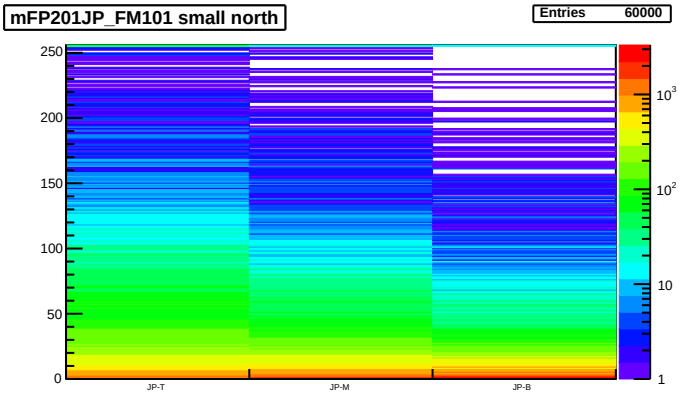

mFP201BSsim_FM102 small south
Entries 20800
2004 4732 5799 4099 2075
120 412 681 554 324
BS3 BS2 BS1-T BS1-M BS1-B
1
0
-1
10^3
10^2
10
1

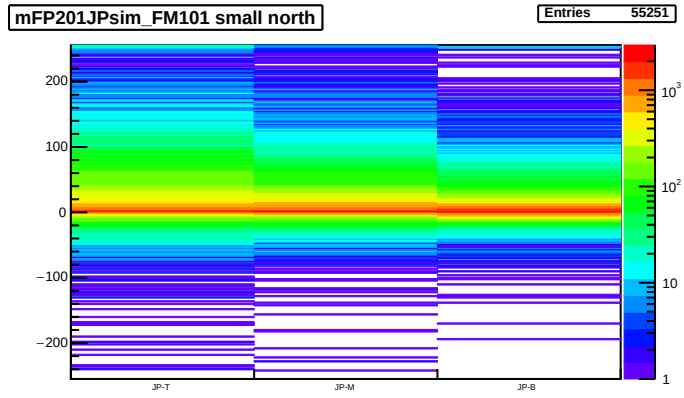

mFP201BS_FM103 large north
Entries 100000
3345 6601 6226 4910 1721
16655 13399 13774 15090 18279
BS3 BS2 BS1-T BS1-M BS1-B
1
0
10^4

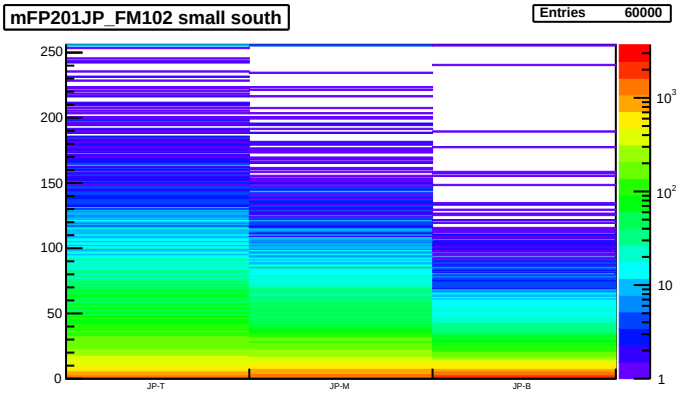

mFP201BSsim_FM103 large north
Entries 23446
3339 6522 6123 4789 1698
34 176 267 341 157
BS3 BS2 BS1-T BS1-M BS1-B
1
0
-1
10^3
10^2
10
1

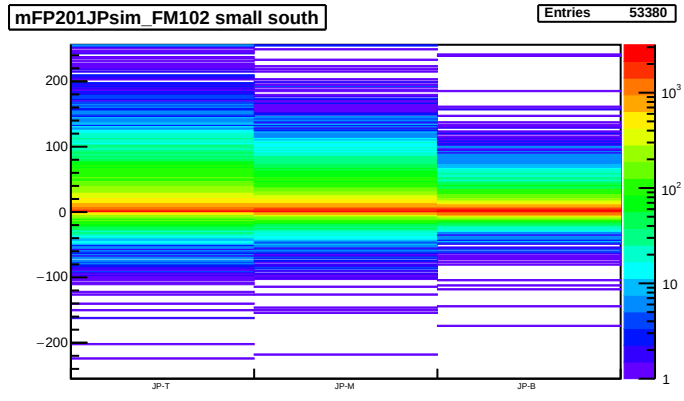

mFP201BS_FM104 large south
Entries 100000
478 2132 2643 423 9
19522 17868 17357 19577 19991
BS3 BS2 BS1-T BS1-M BS1-B
1
0
10^4
10^3
10^2
10

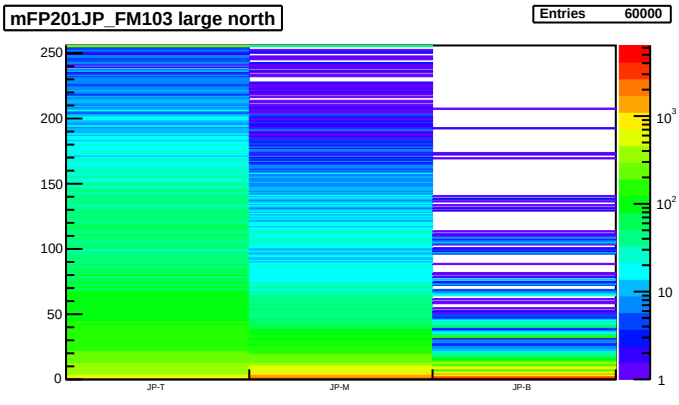

mFP201BSsim_FM104 large south
Entries 6419
478 2118 2613 382 4
19 144 211 342 108
BS3 BS2 BS1-T BS1-M BS1-B
1
0
-1
10^3
10^2
10
1

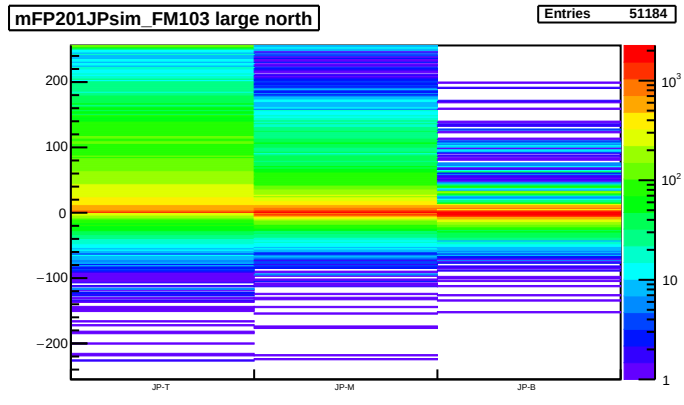

mFP201JP_FM101 small north
Entries 60000
JP-T
JP-M
JP-B

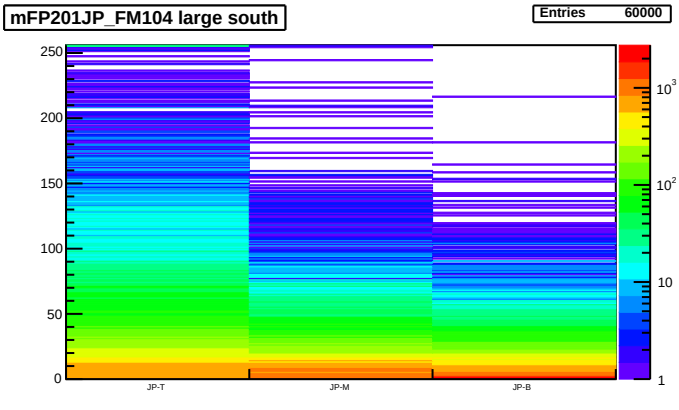

mFP201JPsim_FM101 small north
Entries 55251
JP-T
JP-M
JP-B

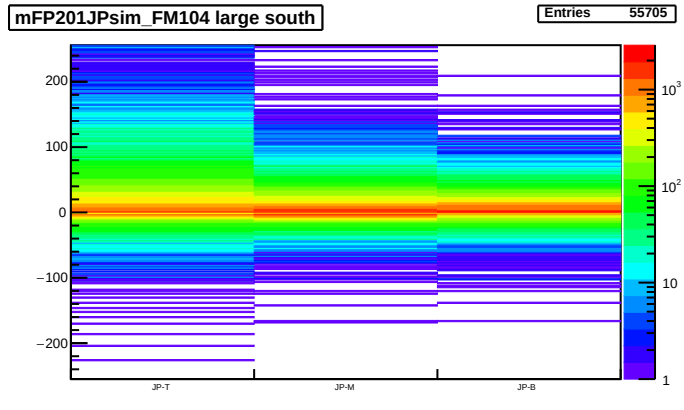

mFP201JP_FM102 small south
Entries 60000
JP-T
JP-M
JP-B

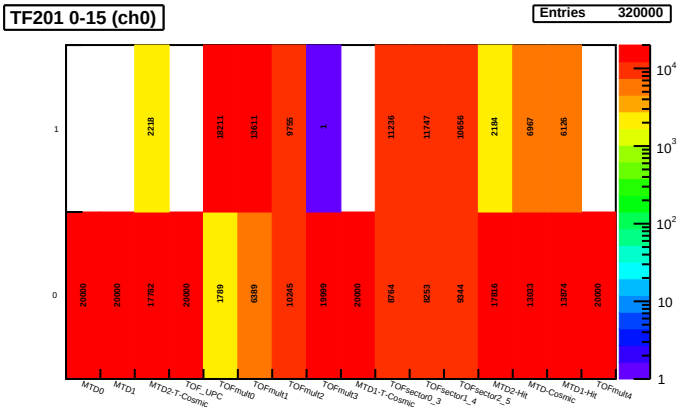

mFP201JPsim_FM102 small south
Entries 53380
JP-T
JP-M
JP-B

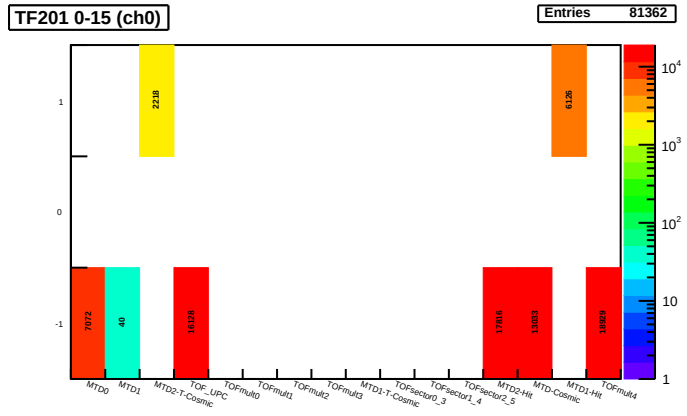

mFP201JP_FM103 large north
Entries 60000
JP-T
JP-M
JP-B

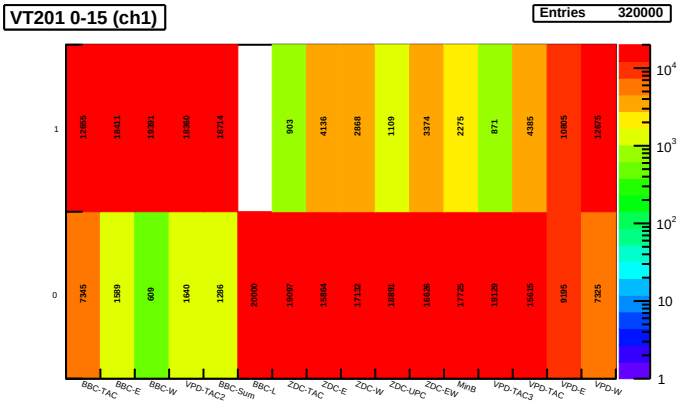

mFP201JPsim_FM103 large north
Entries 51184
JP-T
JP-M
JP-B

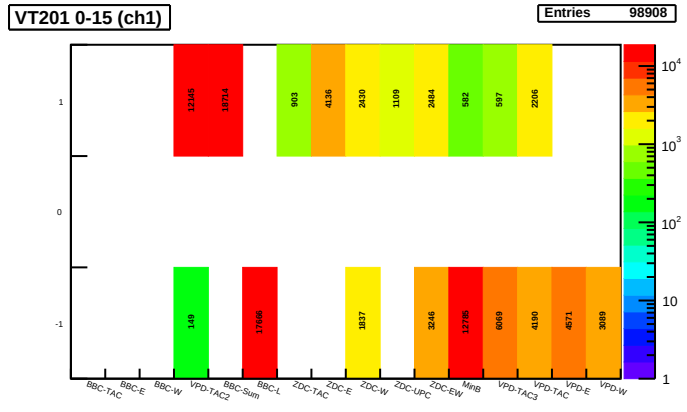

mFP201JP_FM104 large south
Entries 60000
JP-T
JP-M
JP-B

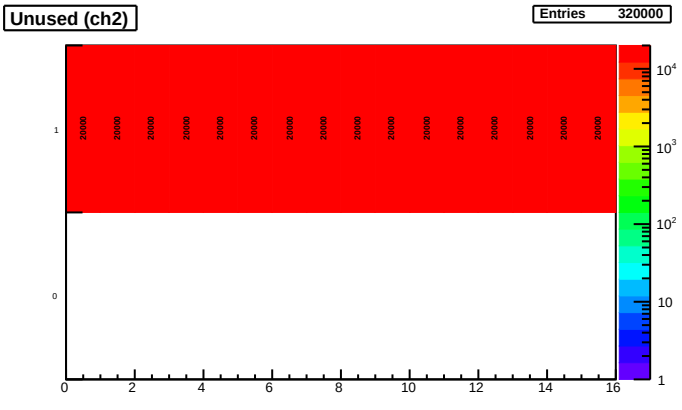

mFP201JPsim_FM104 large south
Entries 55705
JP-T
JP-M
JP-B

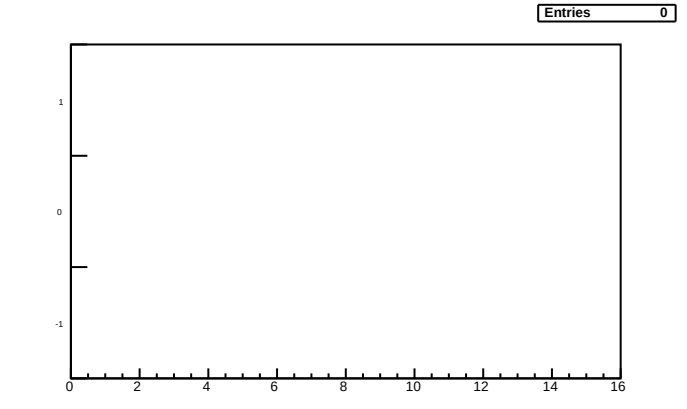

TF201 0-15 (ch0)
Entries 320000
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

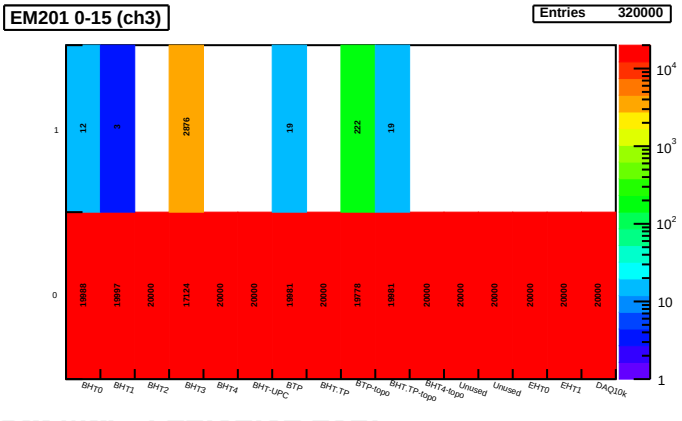

TF201 0-15 (ch0)
Entries 81362
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

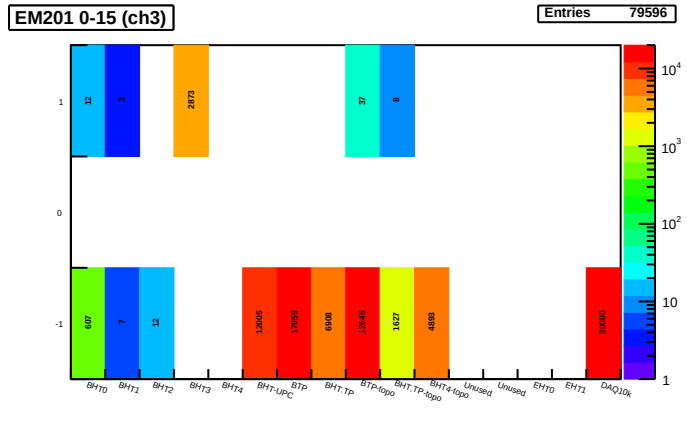

VT201 0-15 (ch1)
Entries 320000
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

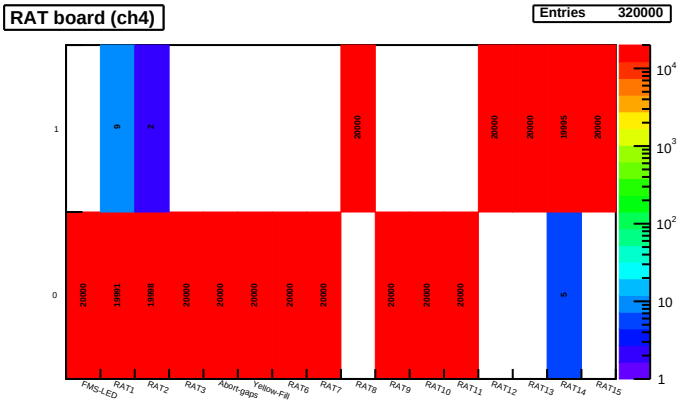

VT201 0-15 (ch1)
Entries 98908
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

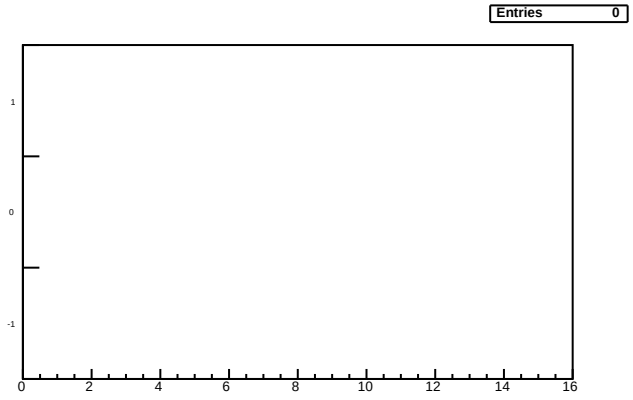

Unused (ch2)
Entries 320000

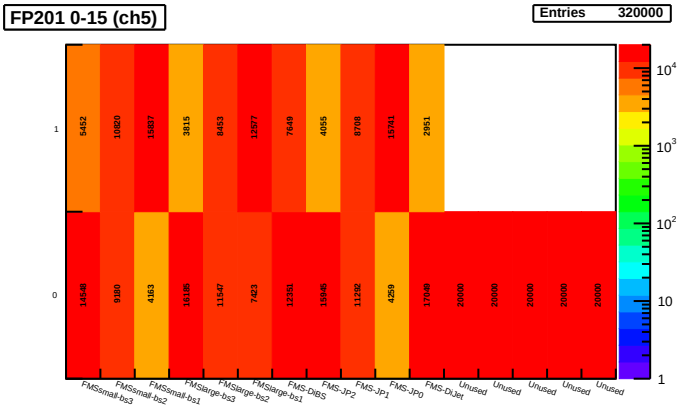

Entries 0

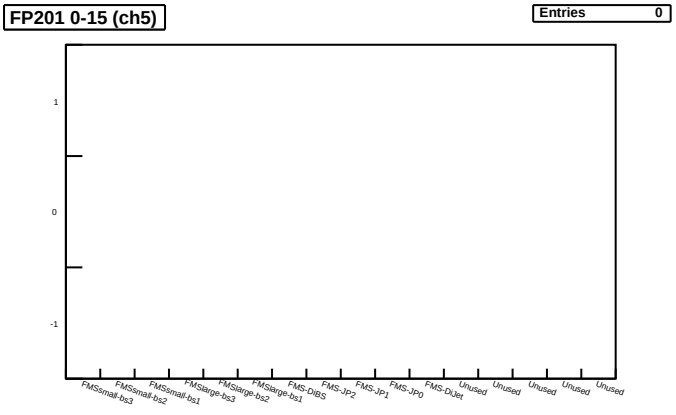

EM201 0-15 (ch3)
Entries 320000
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

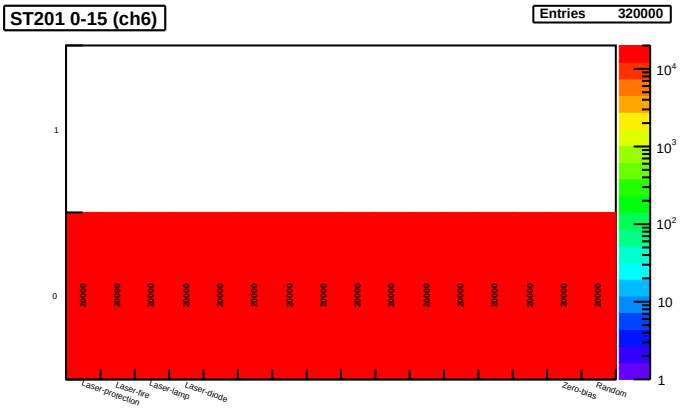

EM201 0-15 (ch3)
Entries 79596
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

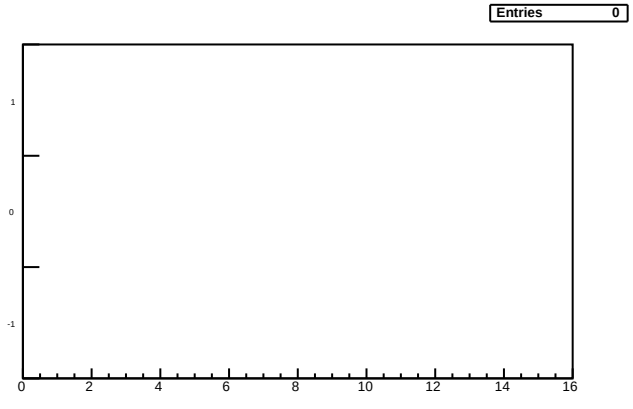

RAT board (ch4)
Entries 320000
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

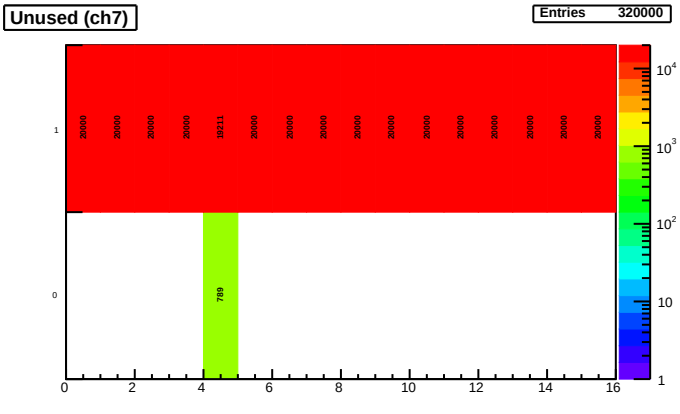

Entries 0


FP201 0-15 (ch5)
Entries 320000
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 320000
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0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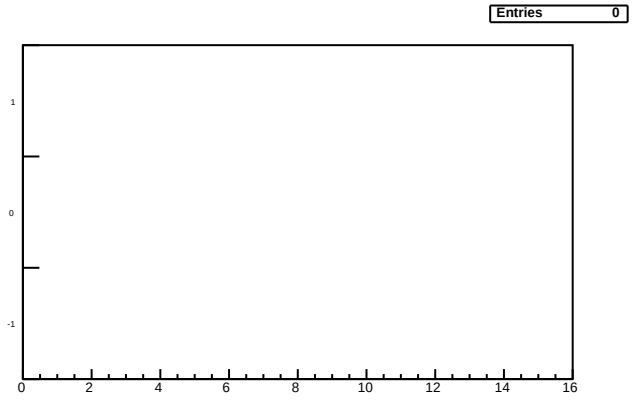
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