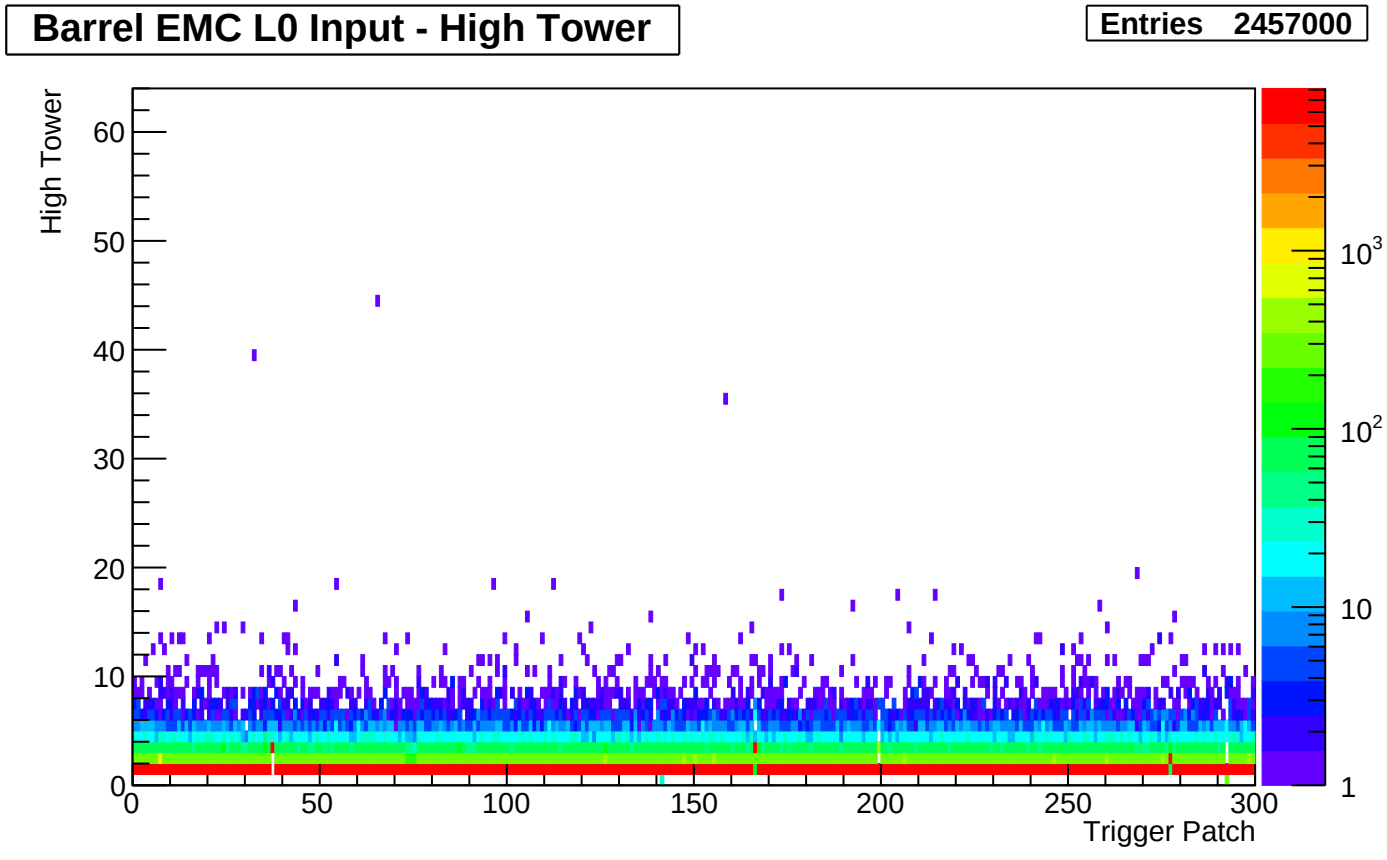
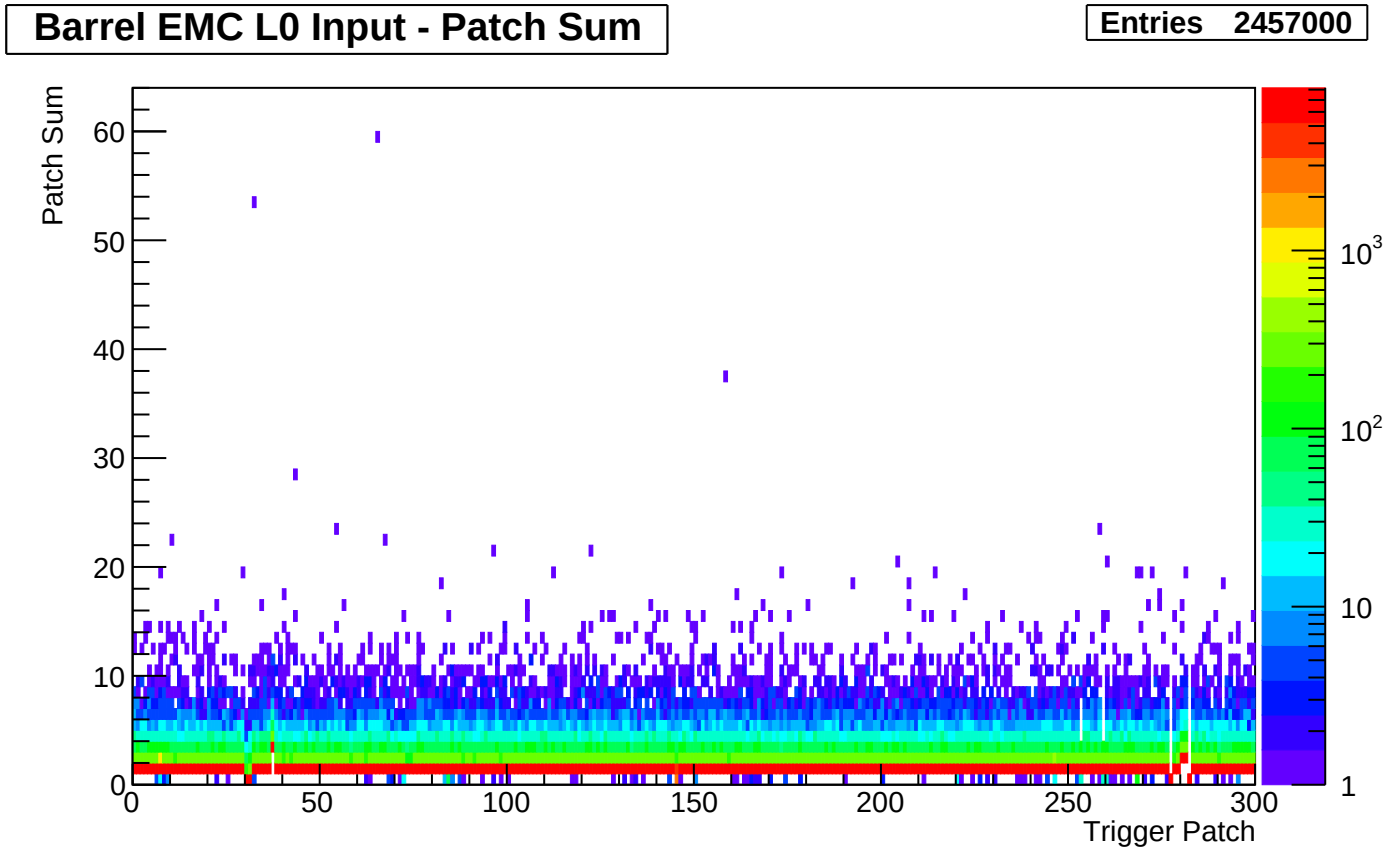
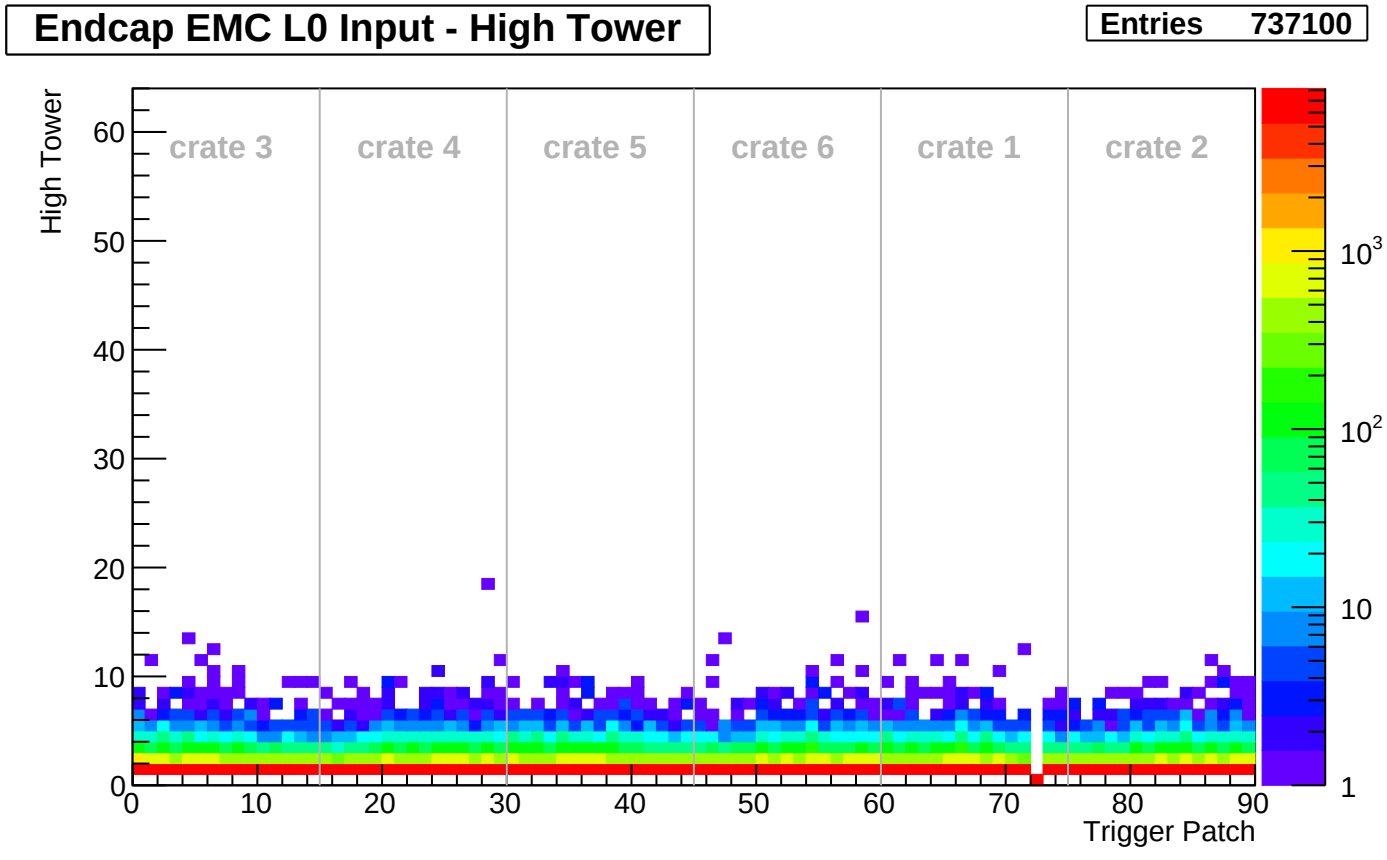
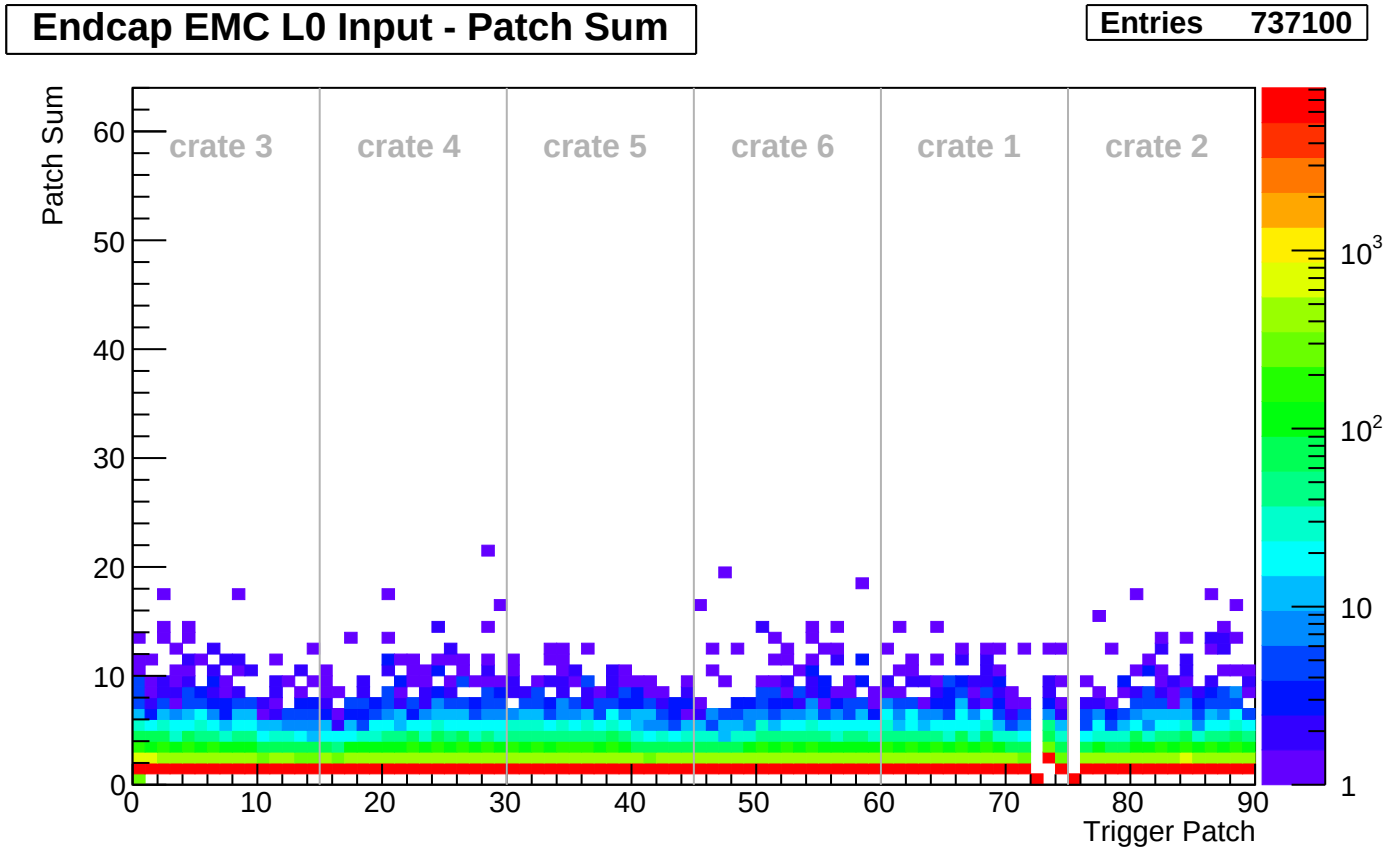
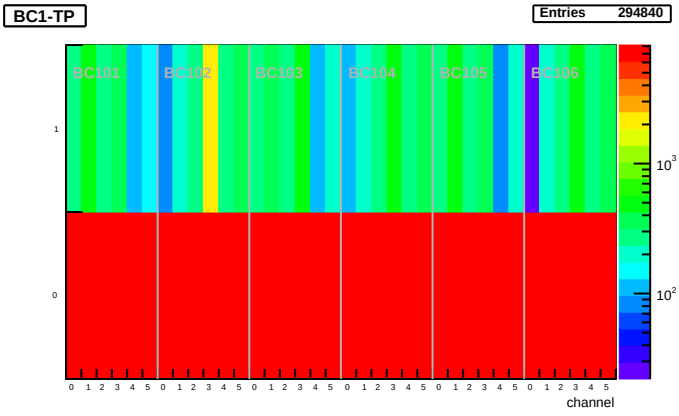
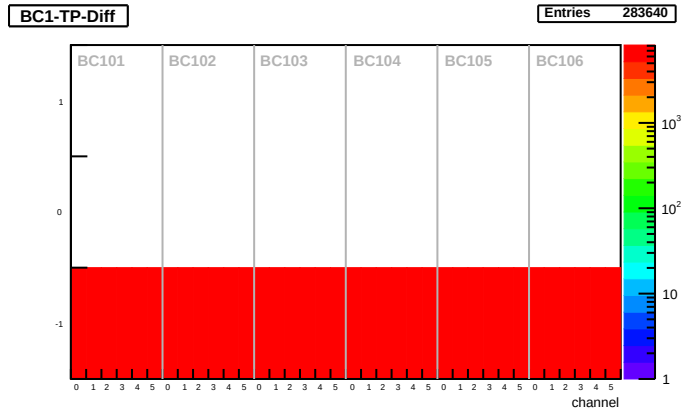

Barrel EMC L0 Input - High Tower
Entries 2457000
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3

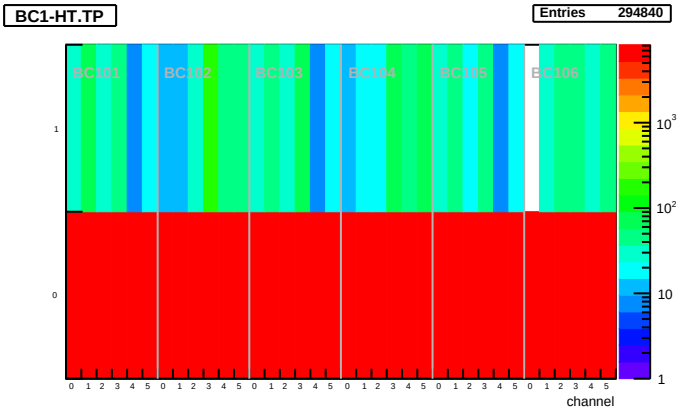

Barrel EMC L0 Input - Patch Sum
Entries 2457000
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3

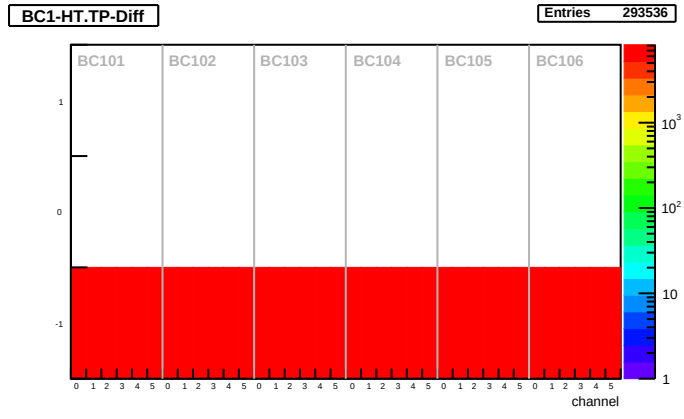

Endcap EMC L0 Input - High Tower
Entries 737100
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3

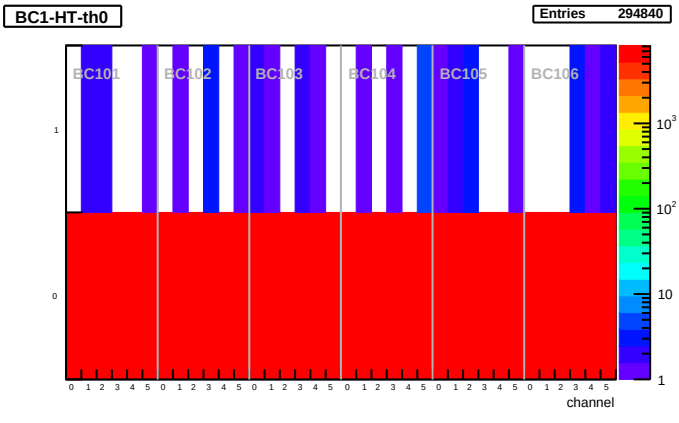

Endcap EMC L0 Input - Patch Sum
Entries 737100
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3

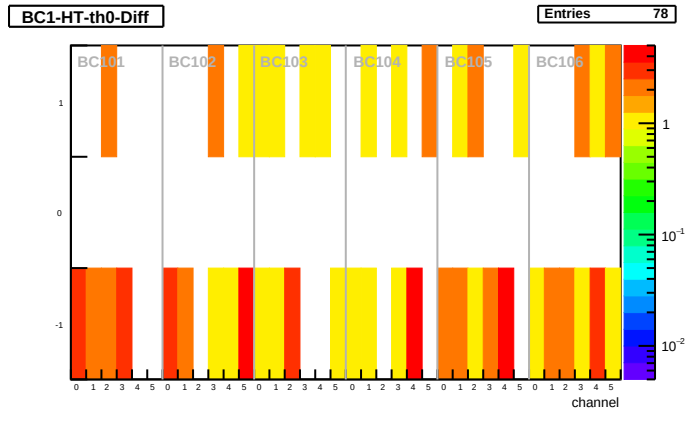

BC1-TP
Entries 294840
BC101
BC102
BC103
BC104
BC105
BC106
channel

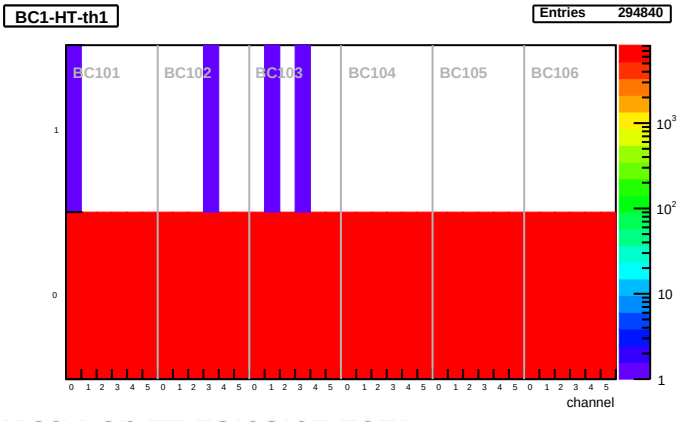

BC1-TP-Diff
Entries 283640
BC101
BC102
BC103
BC104
BC105
BC106
channel

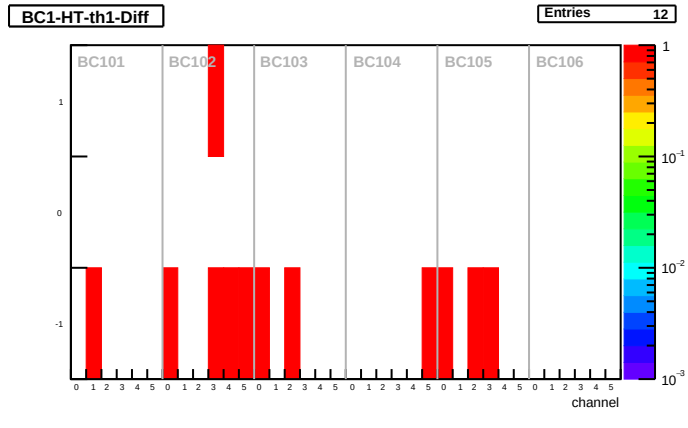

BC1-HT.TP
Entries 294840
BC101
BC102
BC103
BC104
BC105
BC106
channel

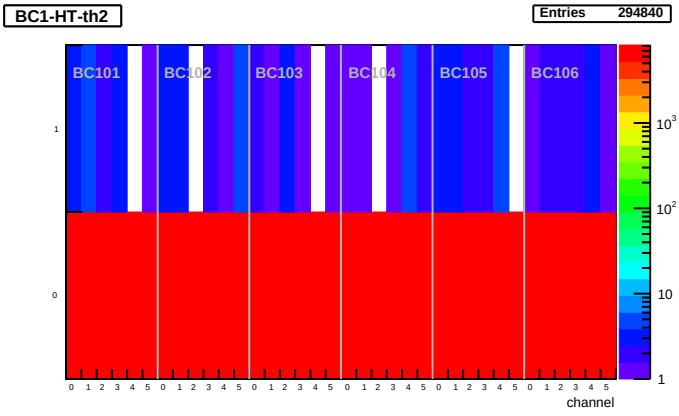

BC1-HT.TP-Diff
Entries 293536
BC101
BC102
BC103
BC104
BC105
BC106
channel

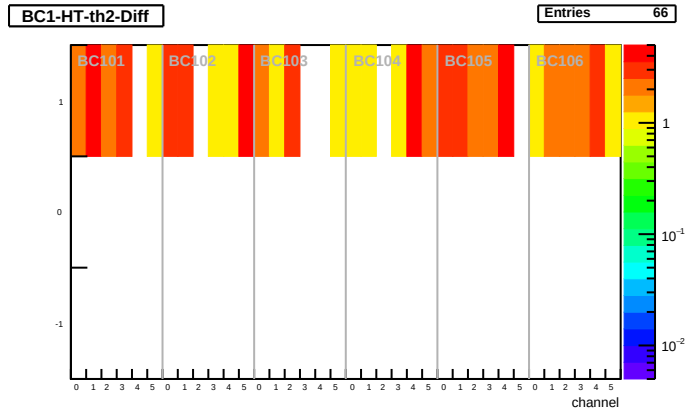

BC1-HT-th0
Entries 294840
BC101
BC102
BC103
BC104
BC105
BC106
channel

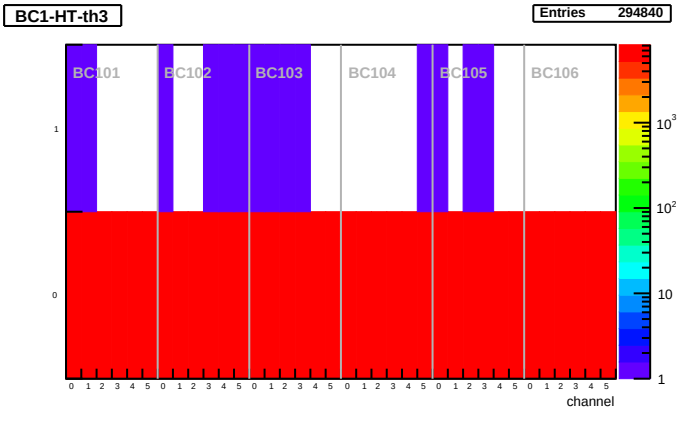

BC1-HT-th0-Diff
Entries 78
BC101
BC102
BC103
BC104
BC105
BC106
channel

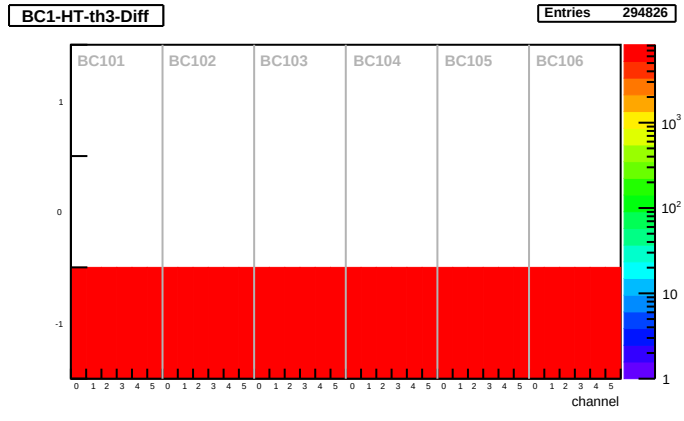

BC1-HT-th1
Entries 294840
BC101
BC102
BC103
BC104
BC105
BC106
channel

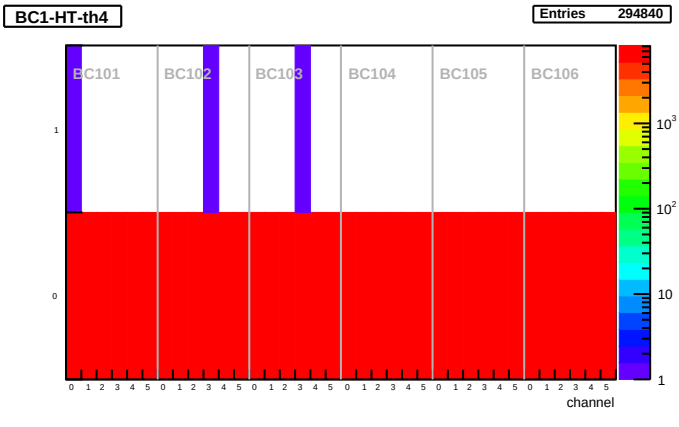

BC1-HT-th1-Diff
Entries 12
BC101
BC102
BC103
BC104
BC105
BC106
channel

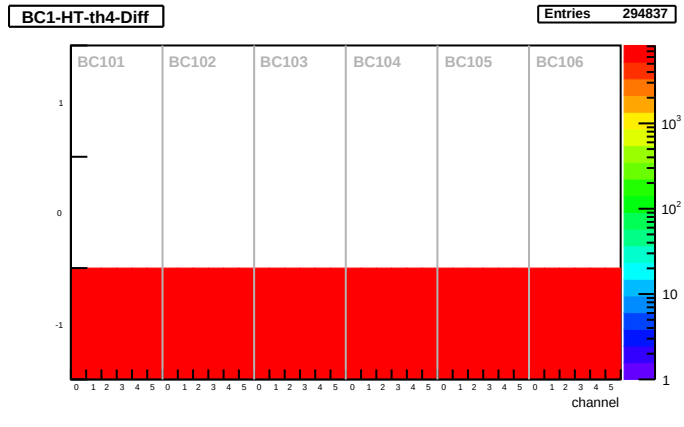

BC1-HT-th2
Entries 294840
BC101
BC102
BC103
BC104
BC105
BC106
channel

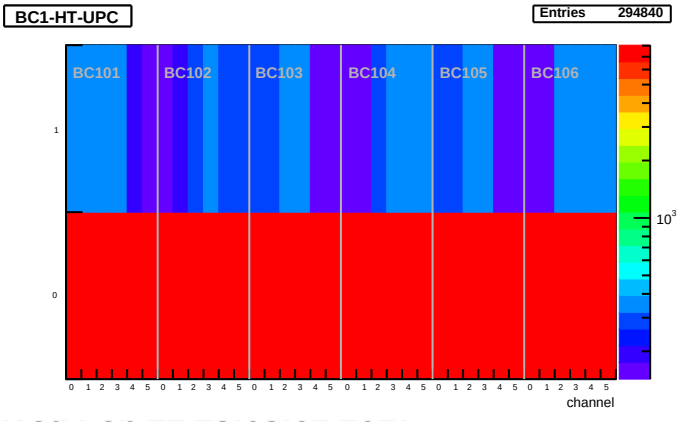

BC1-HT-th2-Diff
Entries 66
BC101
BC102
BC103
BC104
BC105
BC106
channel

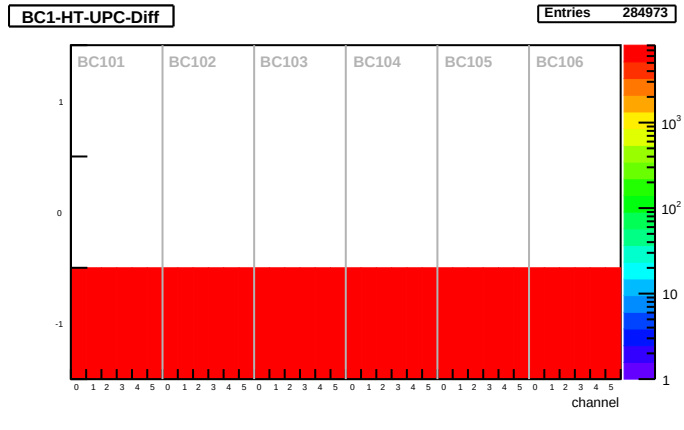

BC1-HT-th3
Entries 294840
BC101
BC102
BC103
BC104
BC105
BC106
channel

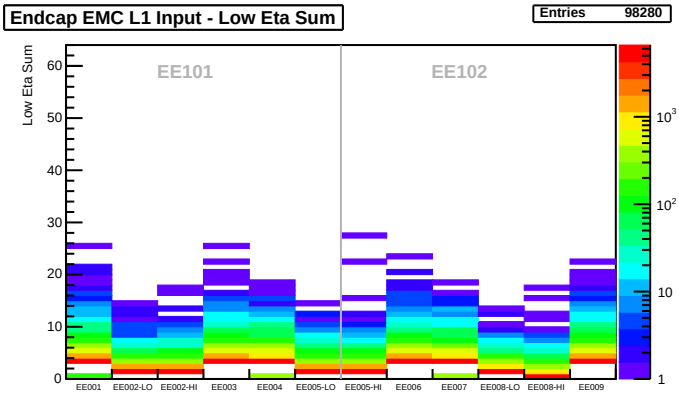

BC1-HT-th3-Diff
Entries 294826
BC101
BC102
BC103
BC104
BC105
BC106
channel

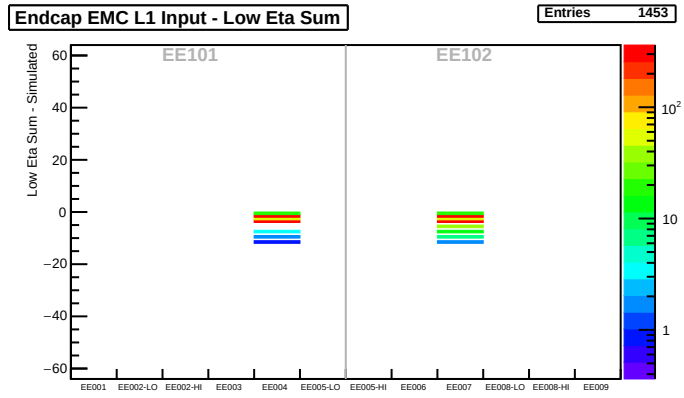

BC1-HT-th4
Entries 294840
BC101
BC102
BC103
BC104
BC105
BC106
channel

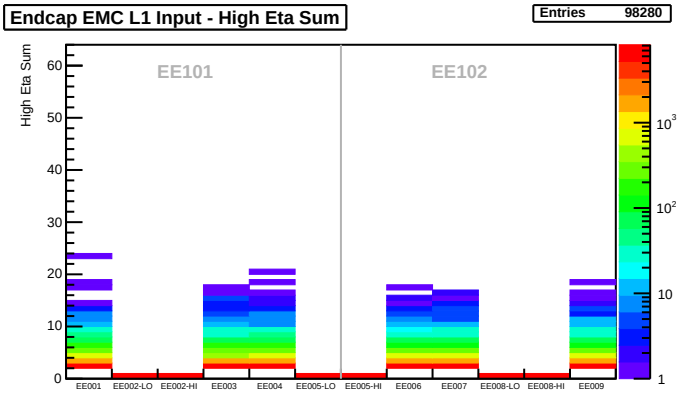

BC1-HT-th4-Diff
Entries 294837
BC101
BC102
BC103
BC104
BC105
BC106
channel

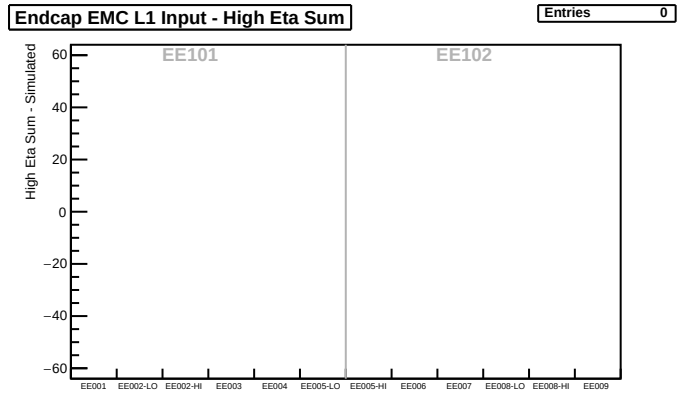

BC1-HT-UPC
Entries 294840
BC101
BC102
BC103
BC104
BC105
BC106
channel

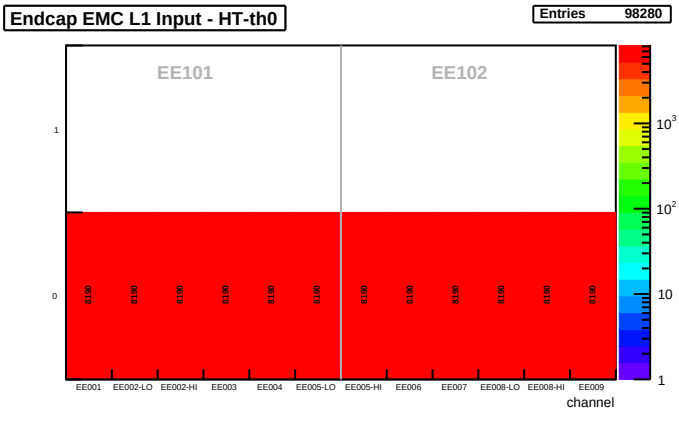

BC1-HT-UPC-Diff
Entries 284973
BC101
BC102
BC103
BC104
BC105
BC106
channel

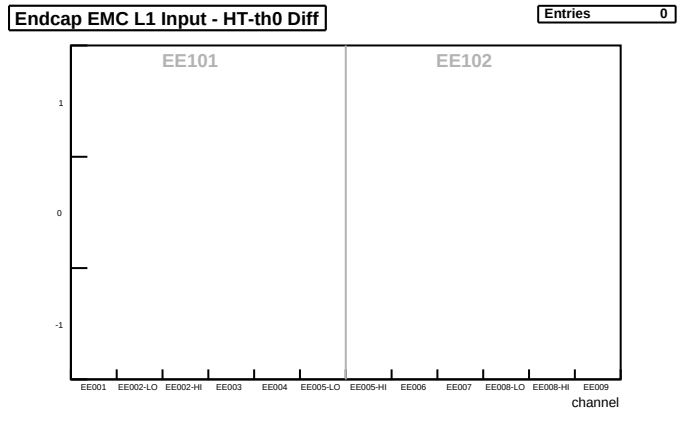

Endcap EMC L1 Input - Low Eta Sum
Entries 98280
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

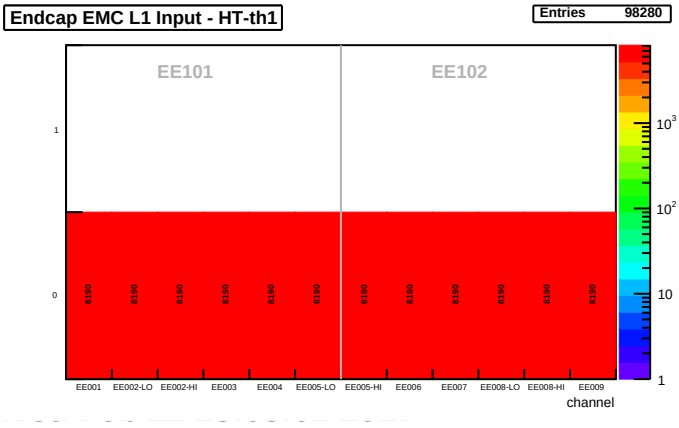

Endcap EMC L1 Input - Low Eta Sum
Entries 1453
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

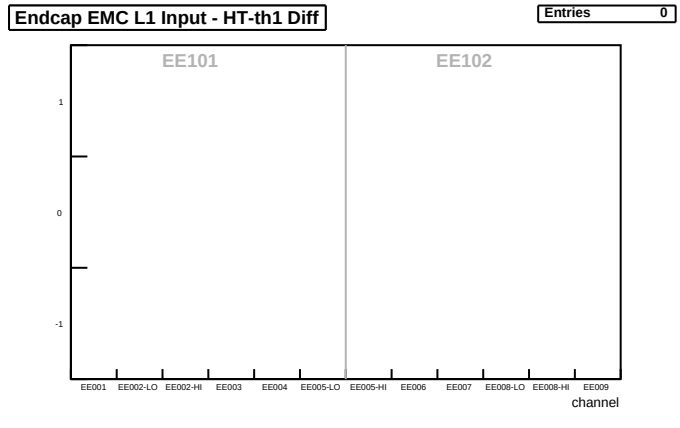

Endcap EMC L1 Input - High Eta Sum
Entries 98280
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

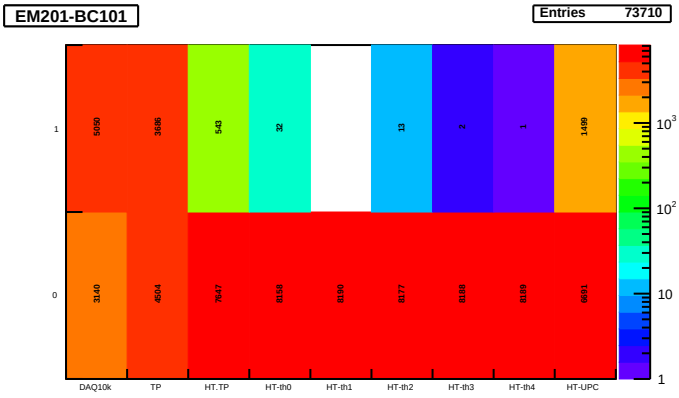

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

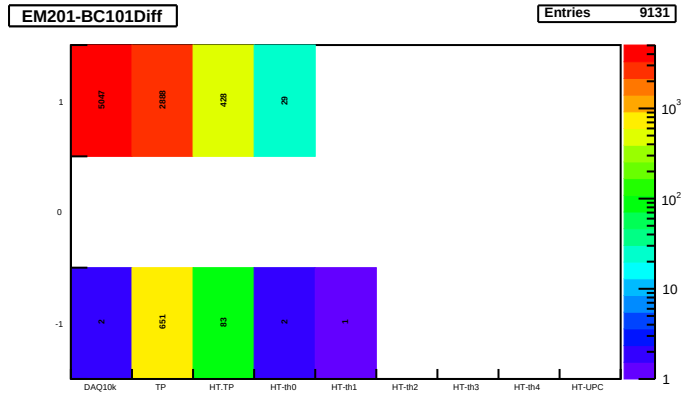

Endcap EMC L1 Input - HT-th0
Entries 98280
EE101
EE102
8190
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

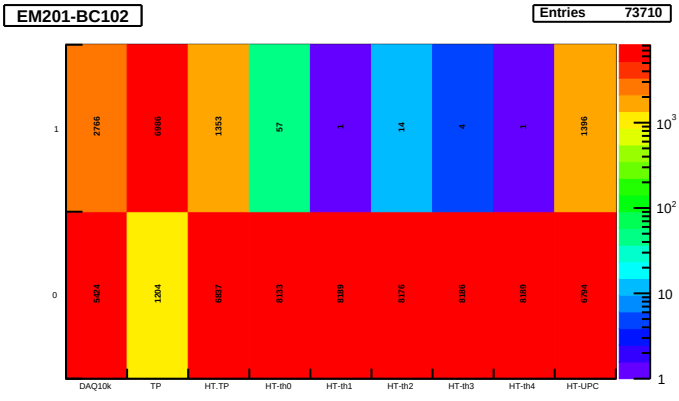

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

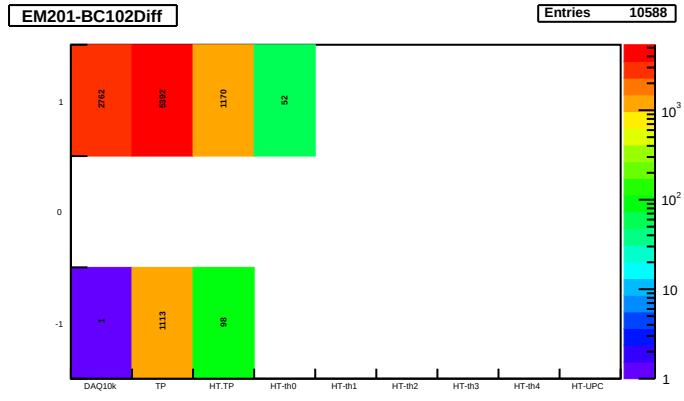

Endcap EMC L1 Input - HT-th1
Entries 98280
EE101
EE102
8190
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

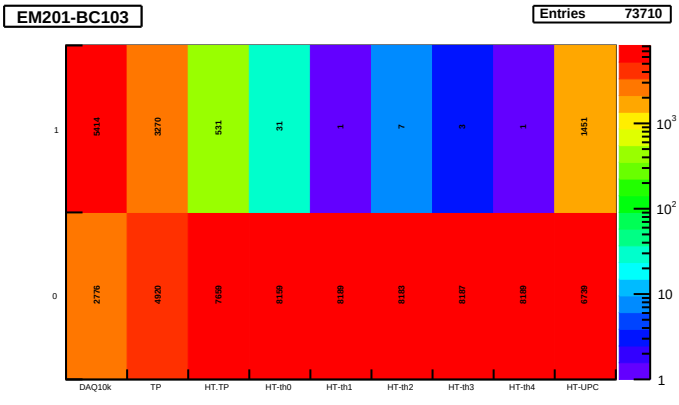

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

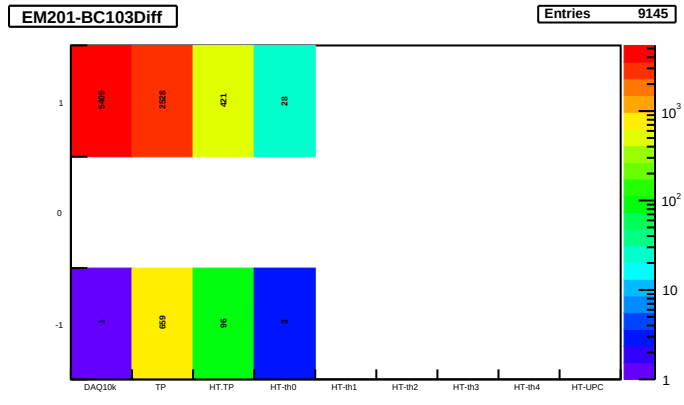

EM201-BC101
Entries 73710
1 5050 3686 543 32 13 2 1 1409
0 3140 4504 7647 8158 8190 8177 8188 8189 6631
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3 10^2 10 1

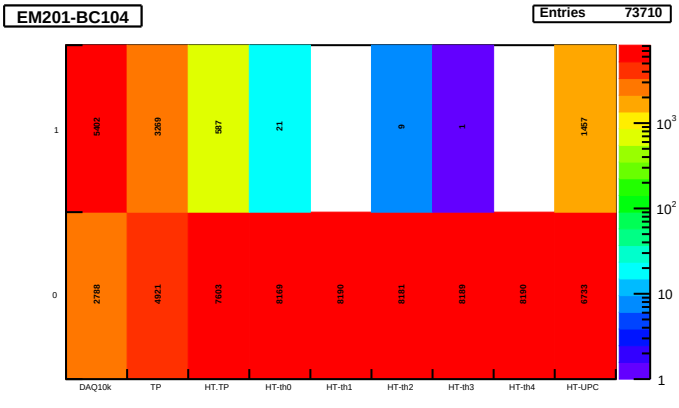

EM201-BC101Diff
Entries 9131
1 5047 2888 428 29
0
-1 2 651 83 2 1
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3 10^2 10 1

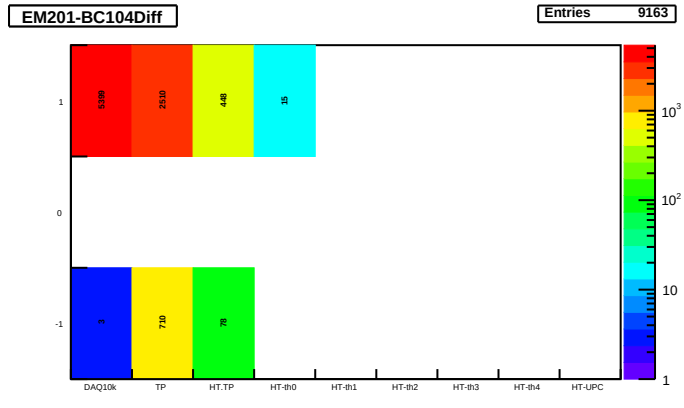

EM201-BC102
Entries 73710
1 2766 6986 1353 57 1 14 4 1 1396
0 5424 1204 6837 8133 8189 8176 8186 8189 6794
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3 10^2 10 1

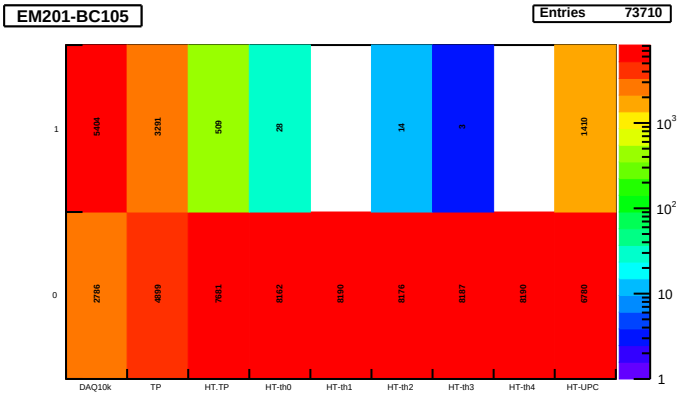

EM201-BC102Diff
Entries 10588
1 2762 5392 1170 52
0
-1 1 1113 98
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3 10^2 10 1

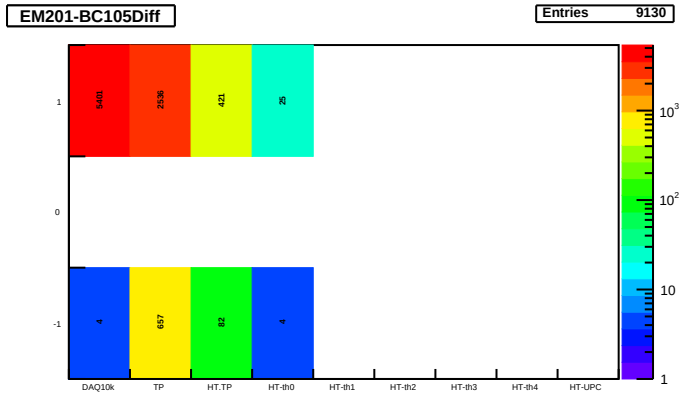

EM201-BC103
Entries 73710
1 5414 3270 531 31 1 7 3 1 1451
0 2776 4920 7659 8159 8189 8183 8187 8189 6739
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3 10^2 10 1

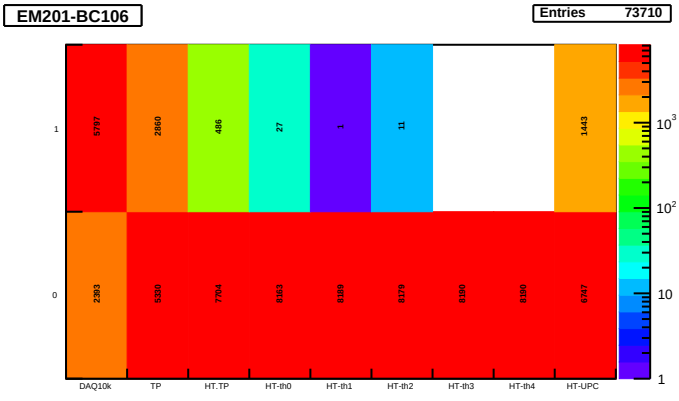

EM201-BC103Diff
Entries 9145
1 5409 2528 421 28
0
-1 1 659 96 3
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3 10^2 10 1

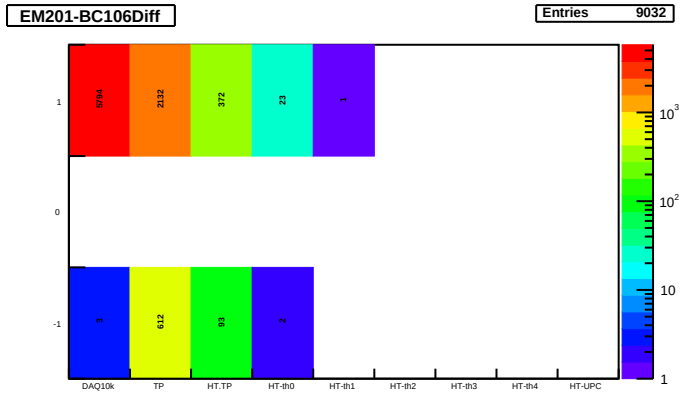

EM201-BC104
Entries 73710
1 5402 3269 587 21 9 1 1467
0 2788 4921 7603 8169 8190 8181 8189 8190 6733
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3 10^2 10 1

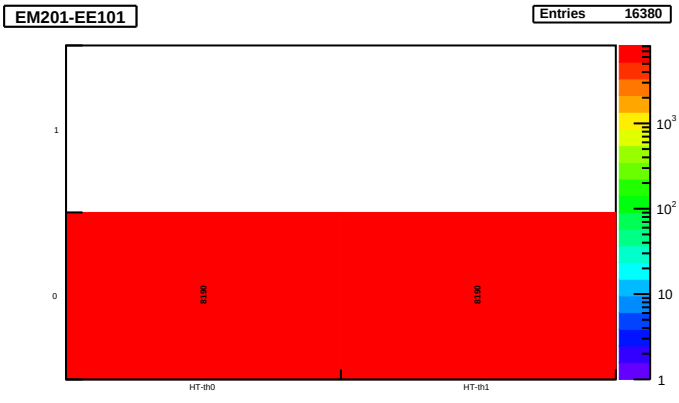

EM201-BC104Diff
Entries 9163
1 5390 2510 448 15
0
-1 3 710 78
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3 10^2 10 1

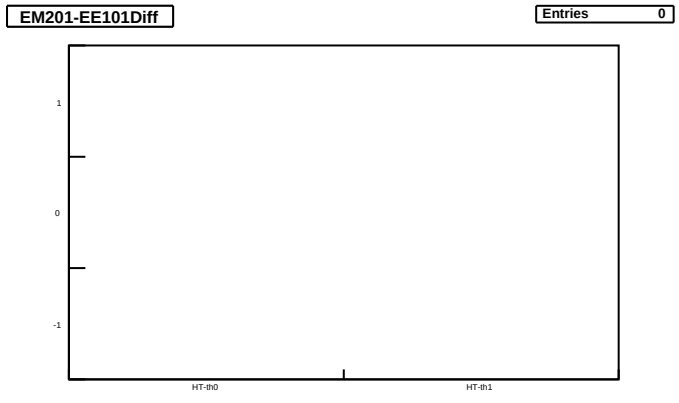

EM201-BC105
Entries 73710
1
0
5404
3291
509
28
14
3
1410
2786
4899
7631
8162
8190
8176
8187
8190
6780
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

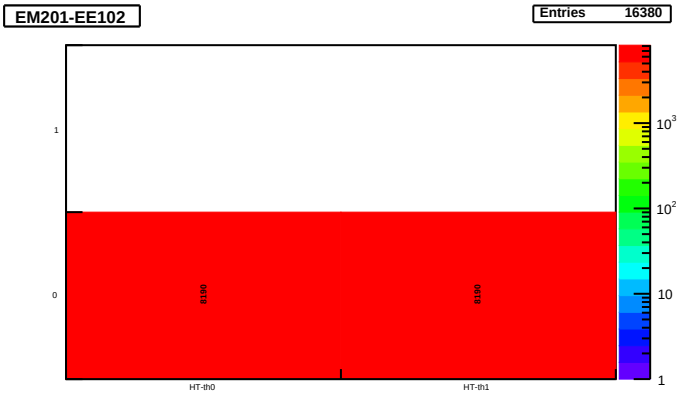

EM201-BC105Diff
Entries 9130
1
0
-1
5401
2536
421
25
4
657
82
4
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

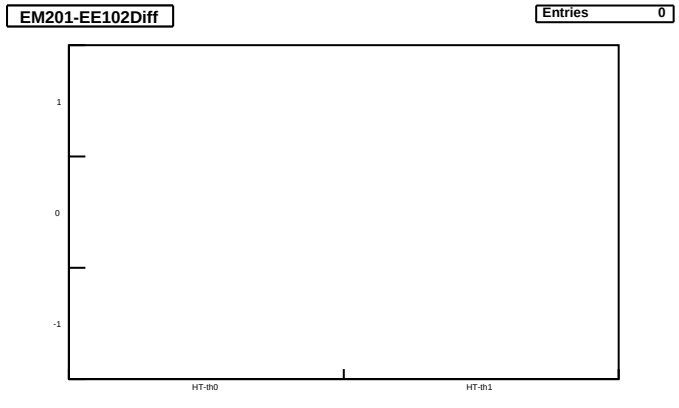

EM201-BC106
Entries 73710
1
0
5797
2860
486
27
1
11
1443
2393
5330
7704
8163
8189
8179
8190
8190
6747
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

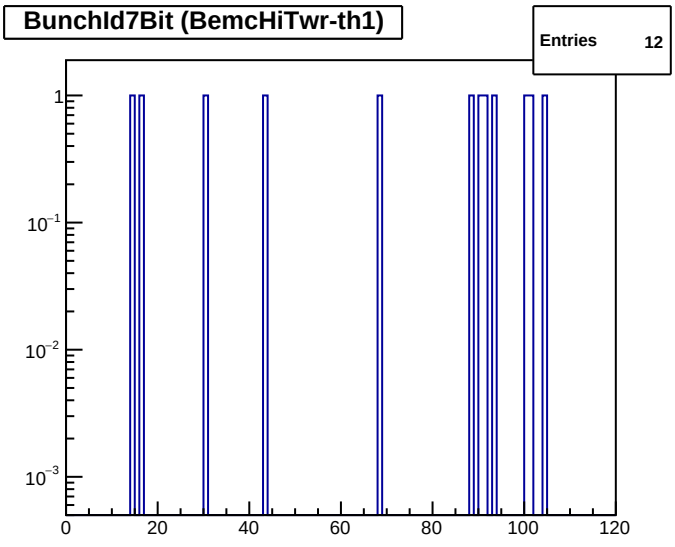

EM201-BC106Diff
Entries 9032
1
0
-1
5794
2132
372
23
1
3
612
93
2
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

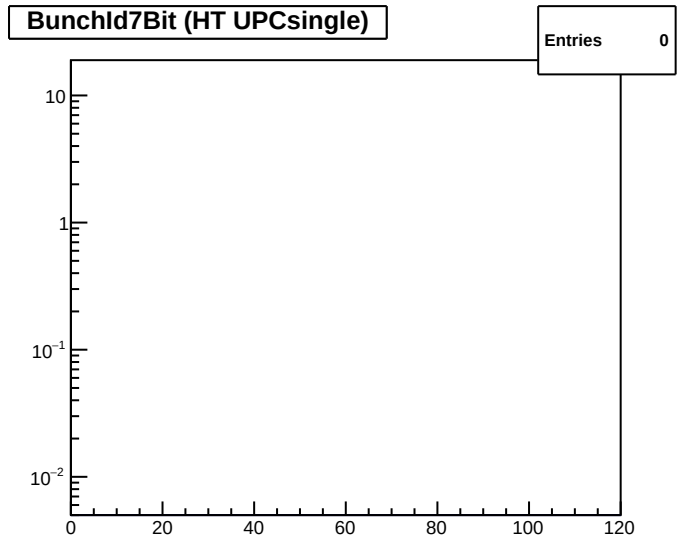

EM201-EE101
Entries 16380
1
0
8190
8190
HT-th0
HT-th1
10^3
10^2
10
1

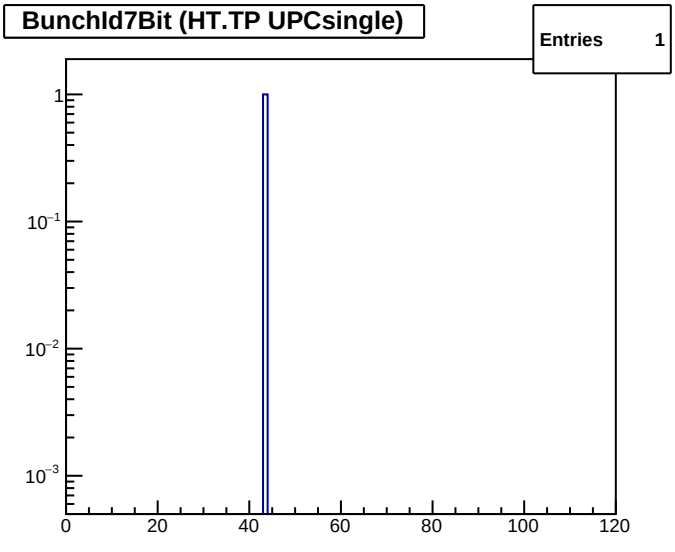

EM201-EE101Diff
Entries 0
1
0
-1
HT-th0
HT-th1

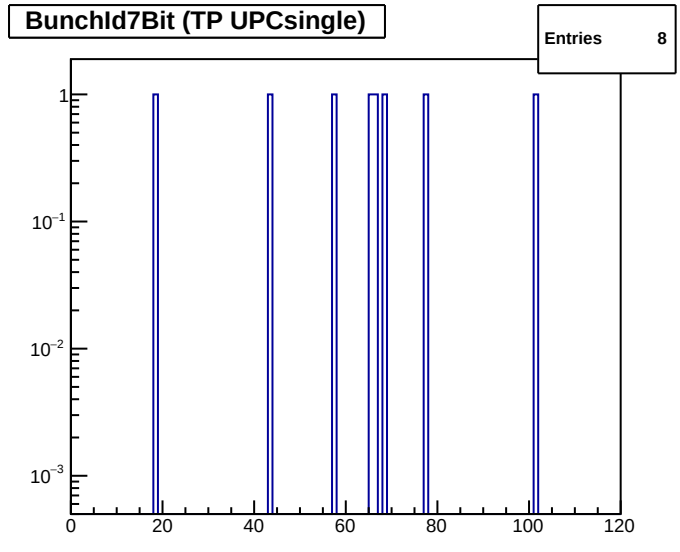

EM201-EE102
Entries 16380
1
0
8190
8190
HT-th0
HT-th1
10^3
10^2
10
1

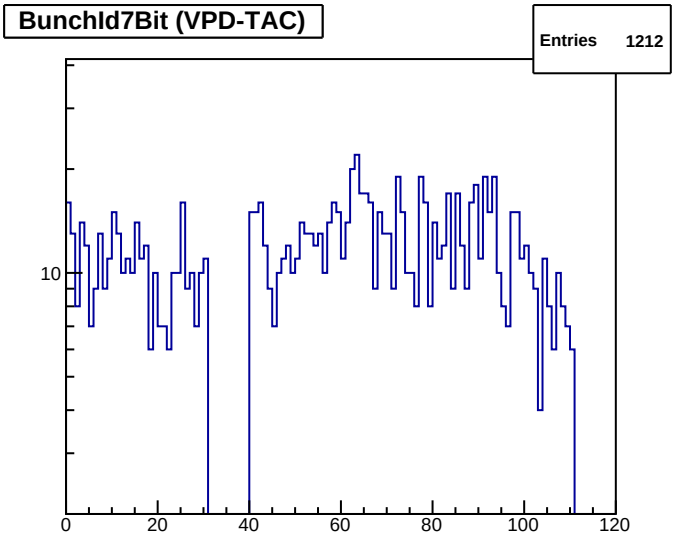

EM201-EE102Diff
Entries 0
1
0
-1
HT-th0
HT-th1

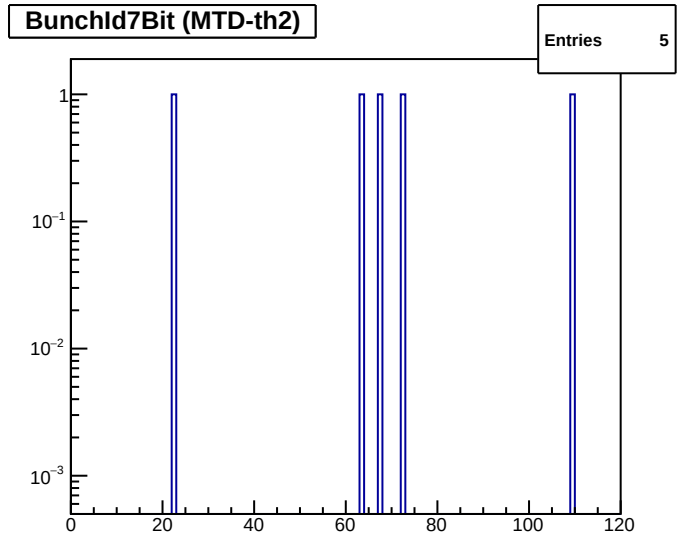

BunchId7Bit (BemcHiTwr-th1)
Entries 12

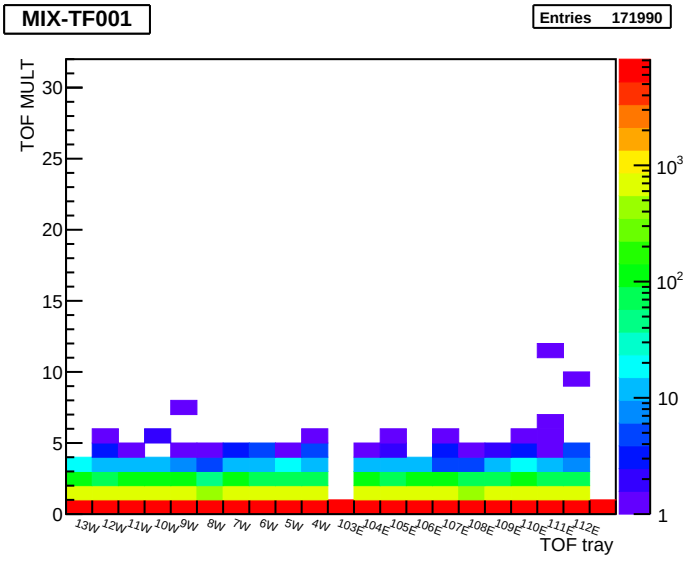

BunchId7Bit (HT UPCsingle)
Entries 0

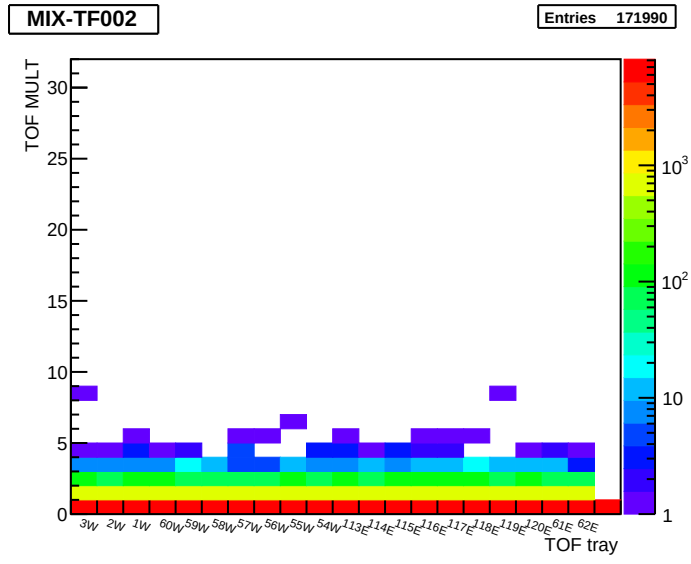

BunchId7Bit (HT.TP UPCsingle)
Entries 1

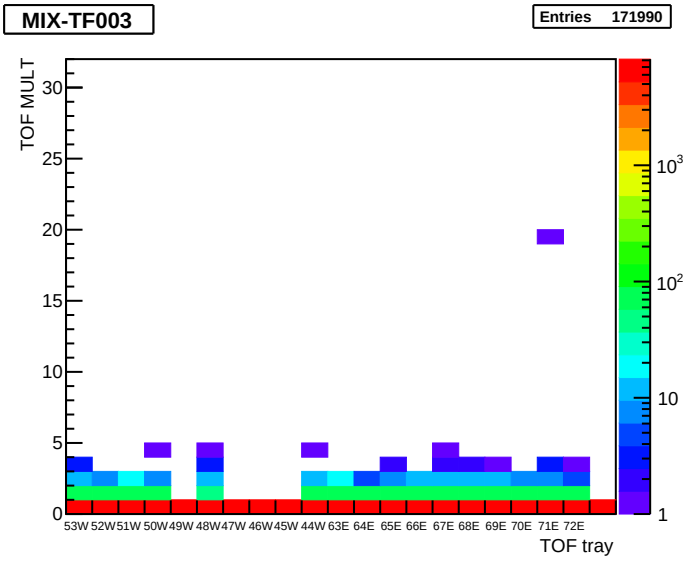

BunchId7Bit (TP UPCsingle)
Entries 8

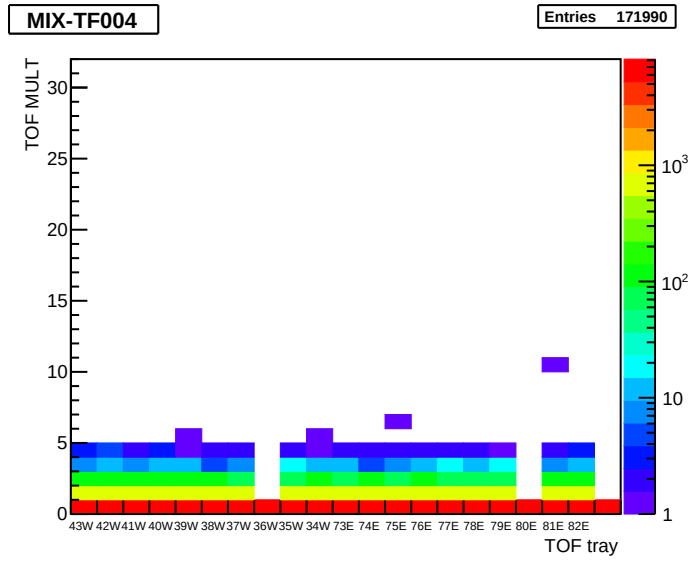

BunchId7Bit (VPD-TAC)
Entries 1212

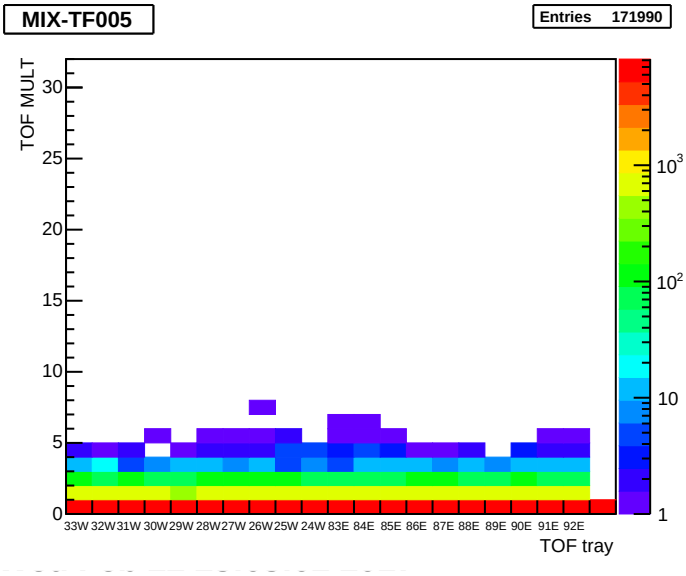

BunchId7Bit (MTD-th2)
Entries 5

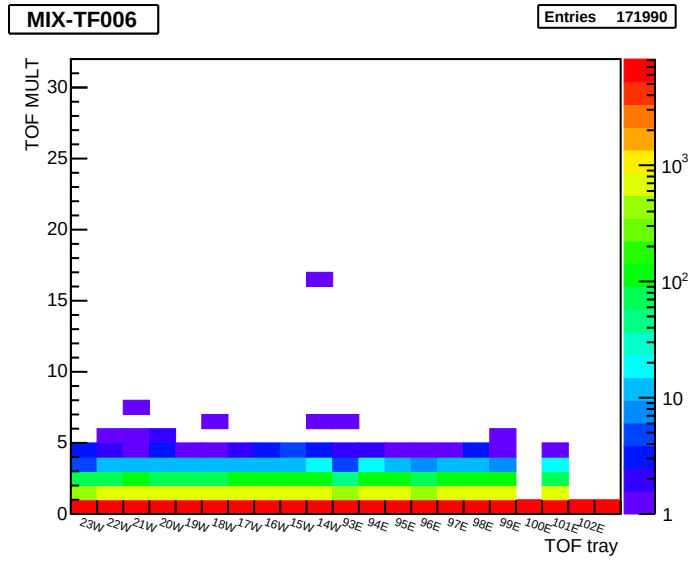

MIX-TF001
Entries 171990
TOF MULT
TOF tray

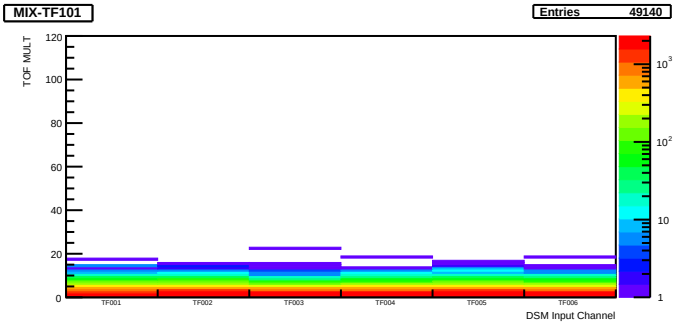

MIX-TF002
Entries 171990
TOF MULT
TOF tray

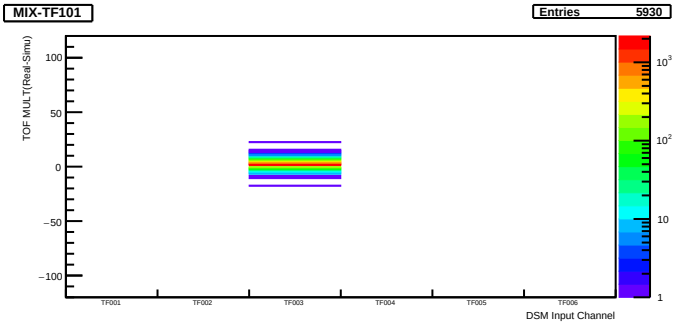

MIX-TF003
Entries 171990
TOF MULT
TOF tray

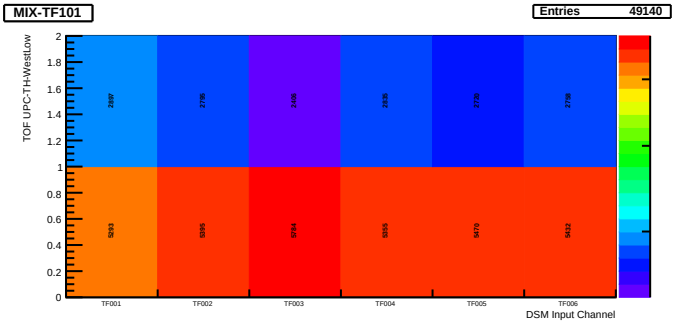

MIX-TF004
Entries 171990
TOF MULT
TOF tray

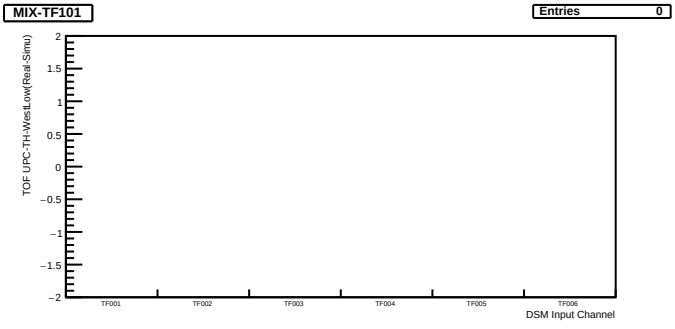

MIX-TF005
Entries 171990
TOF MULT
TOF tray

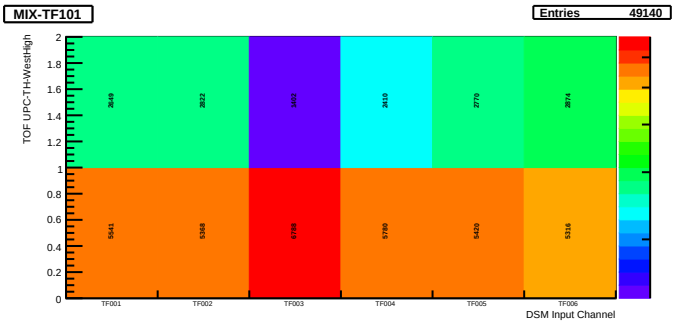

MIX-TF006
Entries 171990
TOF MULT
TOF tray

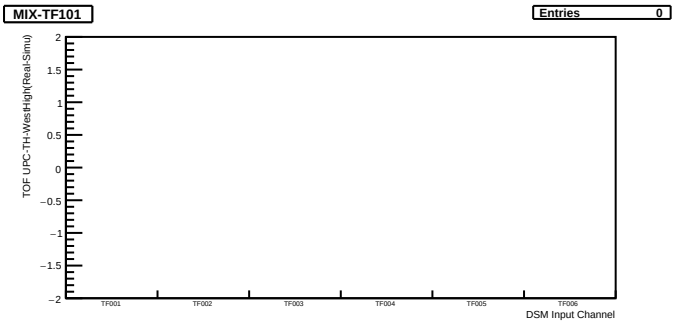

MIX-TF101
Entries 49140
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

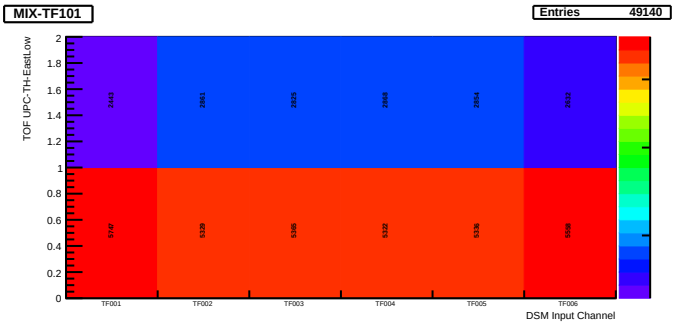

MIX-TF101
Entries 5930
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

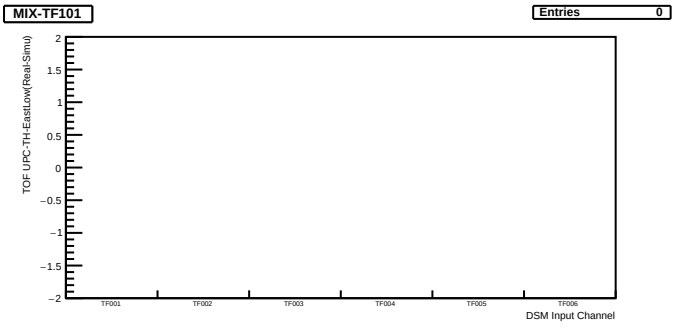

MIX-TF101
Entries 49140
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

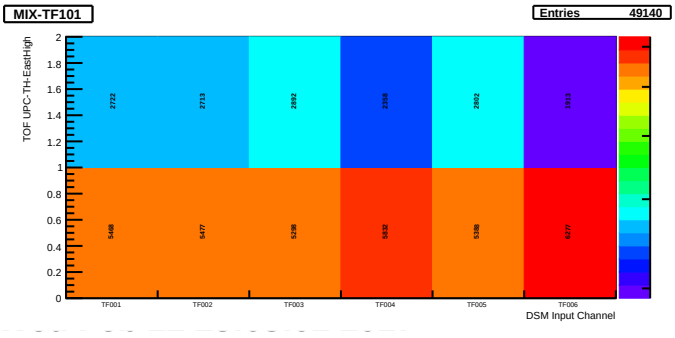

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

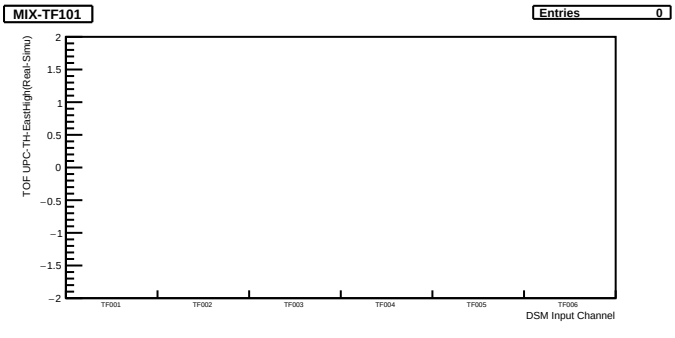

MIX-TF101
Entries 49140
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

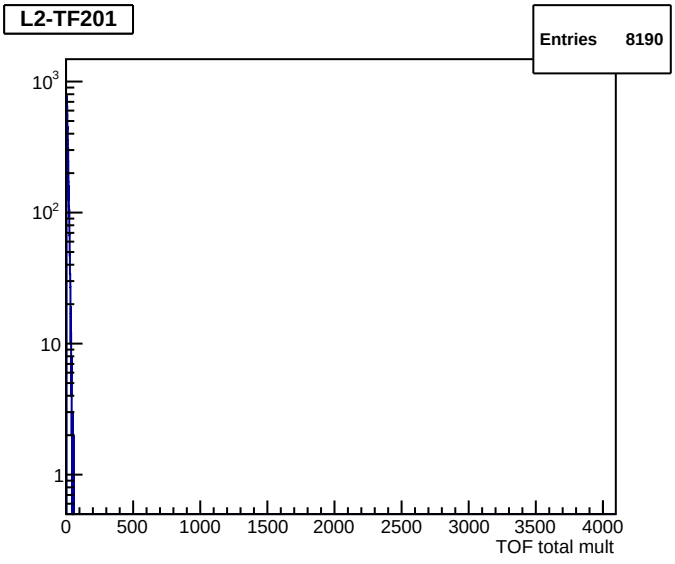

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

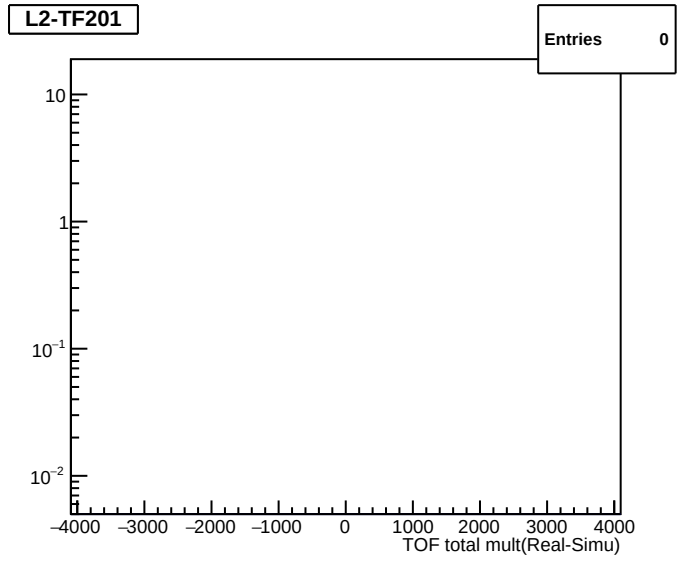

MIX-TF101
Entries 49140
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

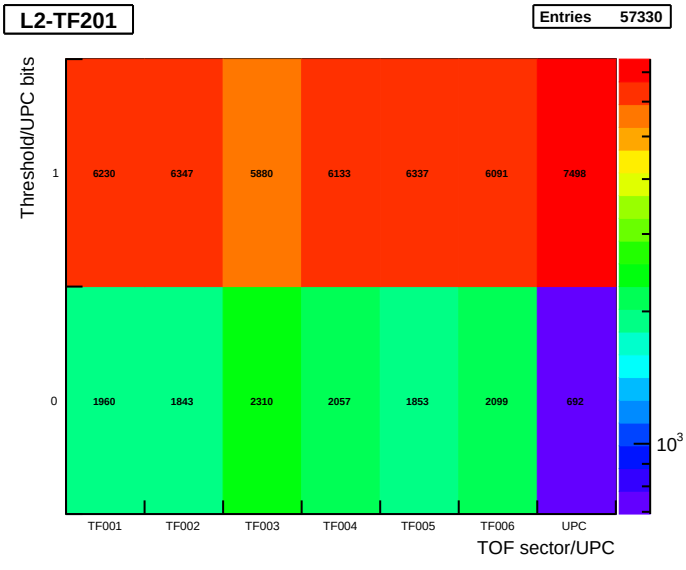

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

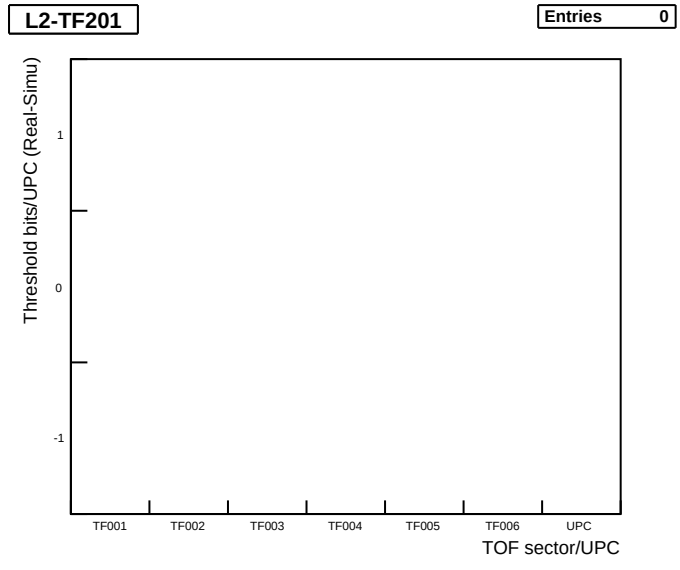

MIX-TF101
Entries 49140
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

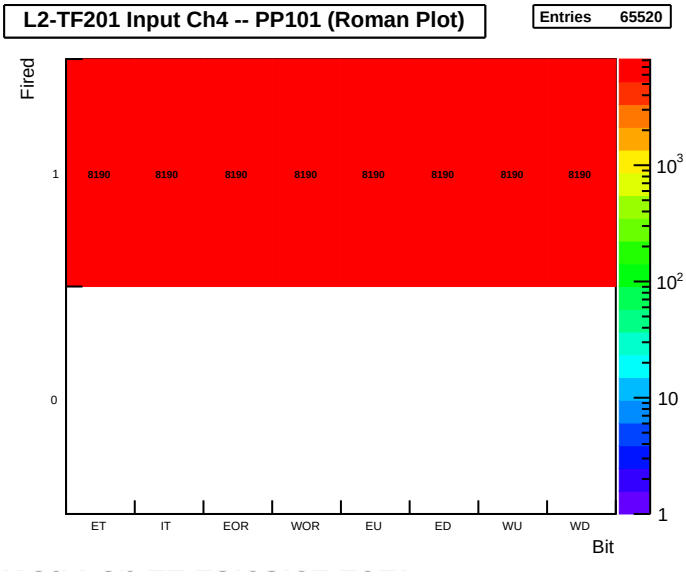

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

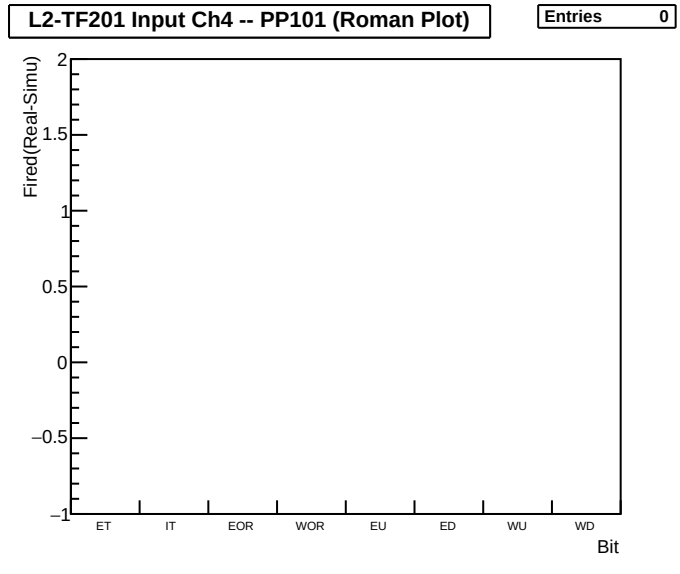

L2-TF201
Entries 8190
TOF total mult

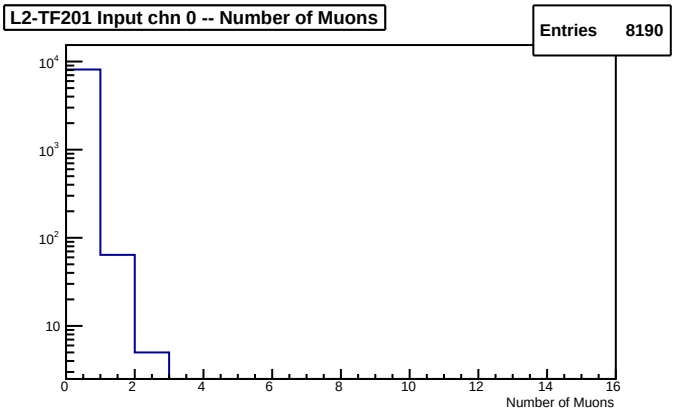

L2-TF201
Entries 0
TOF total mult(Real-Simu)

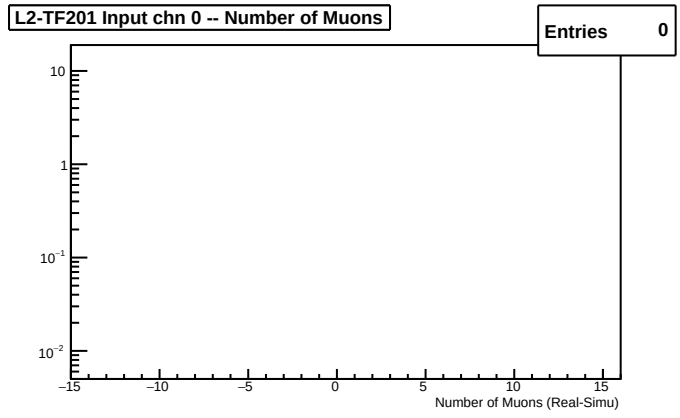

L2-TF201
Entries 57330
Threshold/UPC bits
6230 6347 5880 6133 6337 6091 7498
1960 1843 2310 2057 1853 2099 692
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

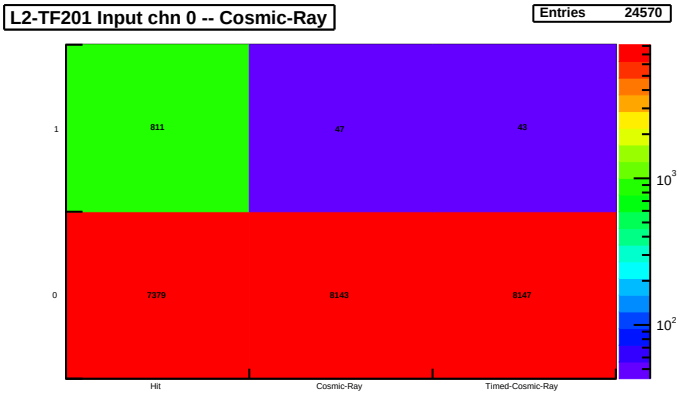

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

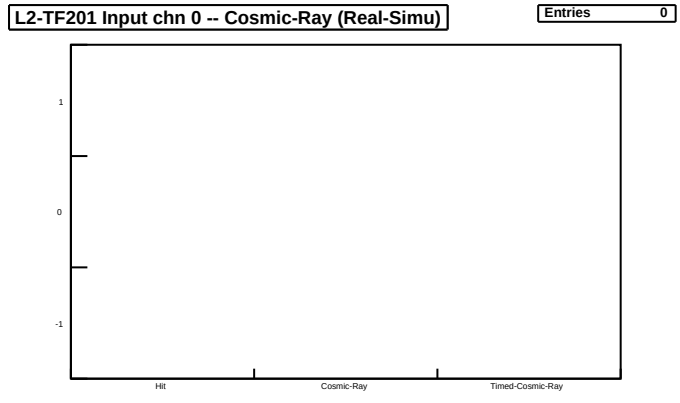

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 65520
Fired
8190 8190 8190 8190 8190 8190 8190 8190
ET IT EOR WOR EU ED WU WD
Bit

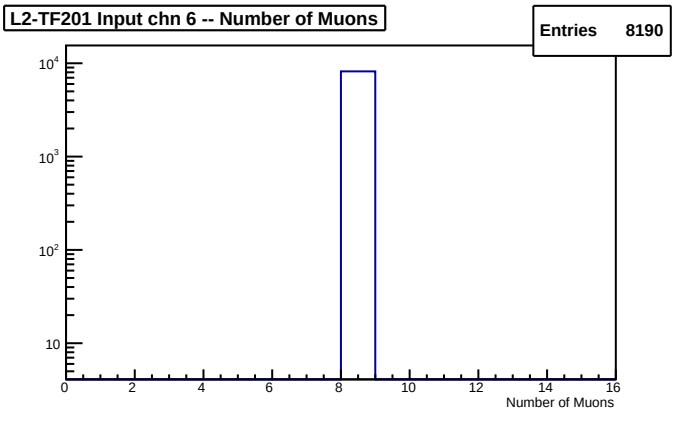

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

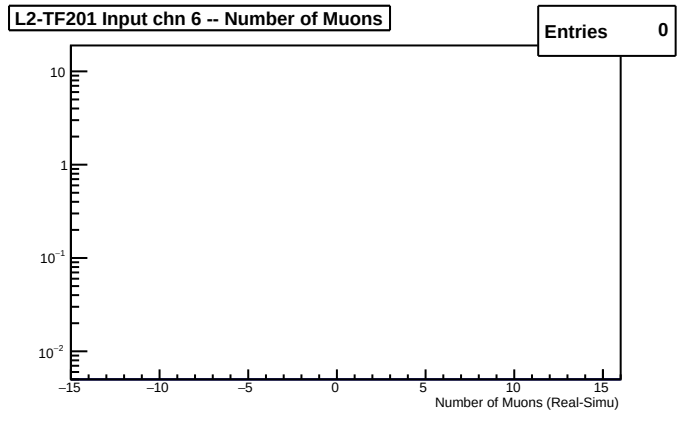

L2-TF201 Input chn 0 -- Number of Muons
Entries 8190
Number of Muons

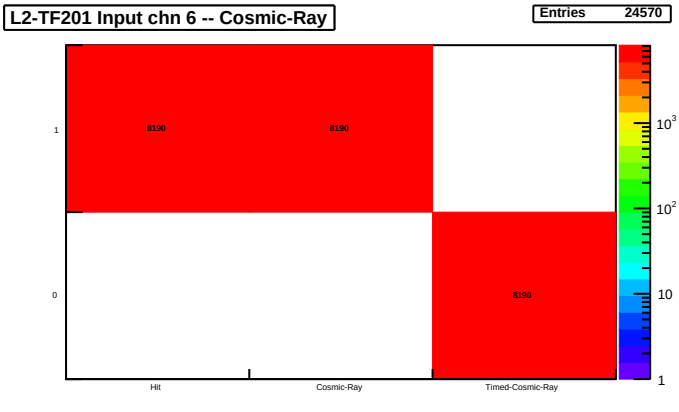

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

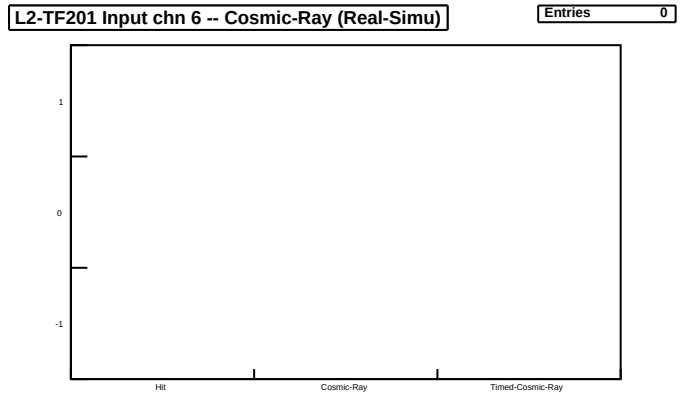

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 24570
811
47
43
7379
8143
8147
Hit
Cosmic-Ray
Timed-Cosmic-Ray

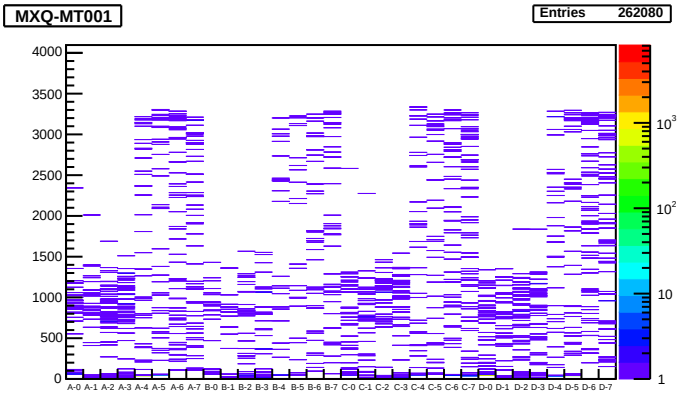

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

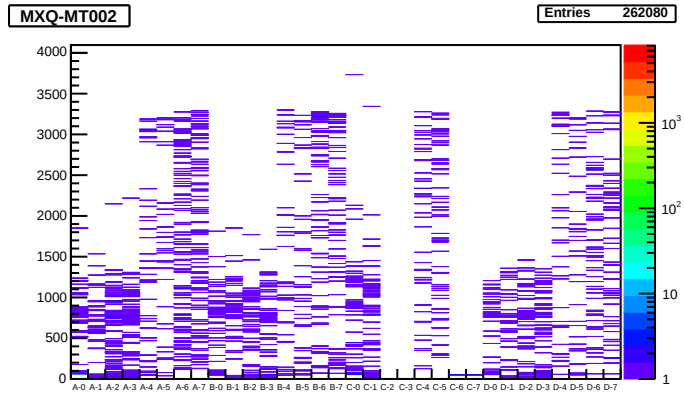

L2-TF201 Input chn 6 -- Number of Muons
Entries 8190
Number of Muons

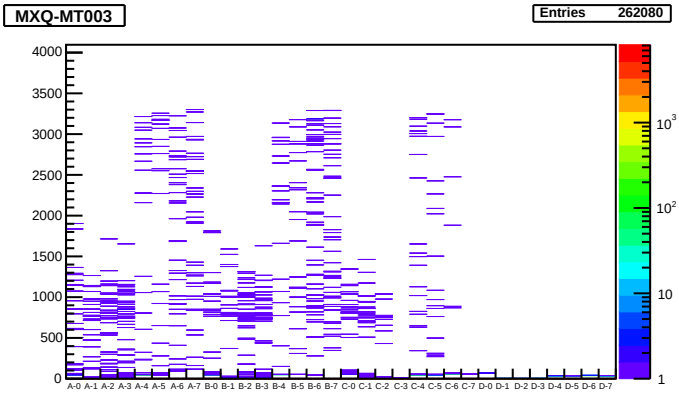

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

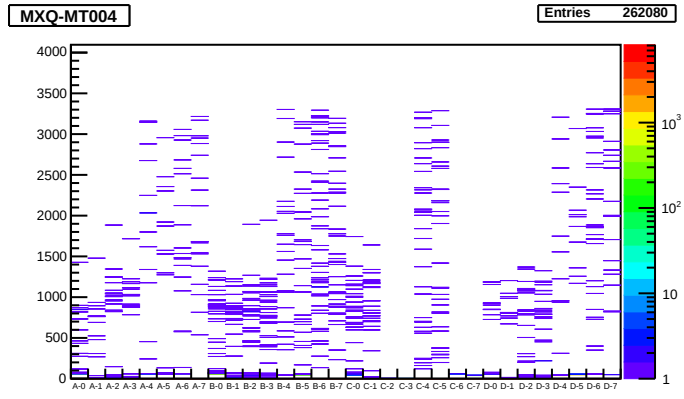

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 24570
8190
8190
8190
Hit
Cosmic-Ray
Timed-Cosmic-Ray

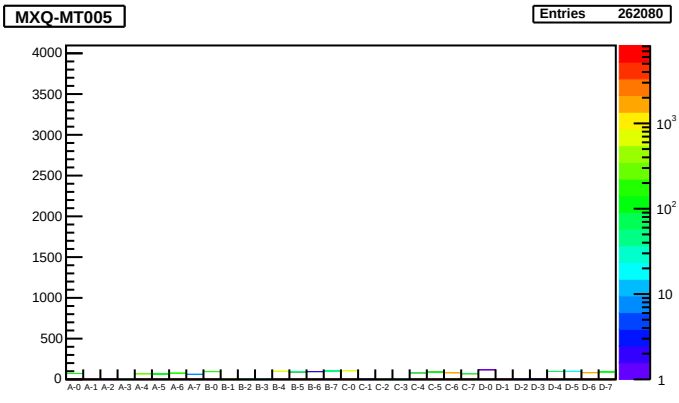

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

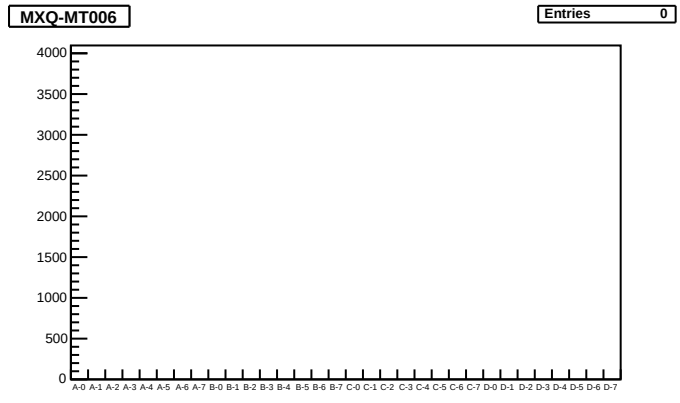

MXQ-MT001
Entries 262080

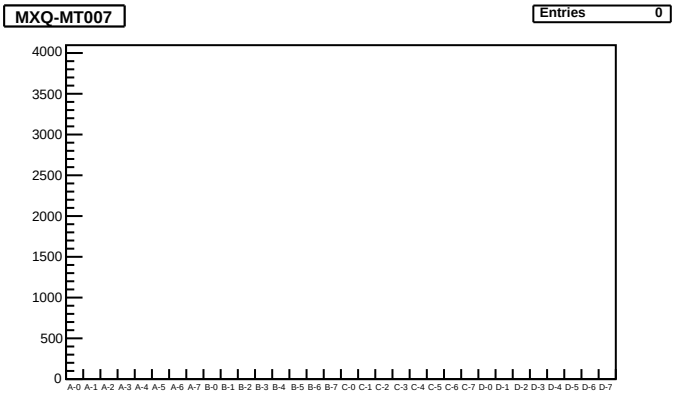

MXQ-MT002
Entries 262080

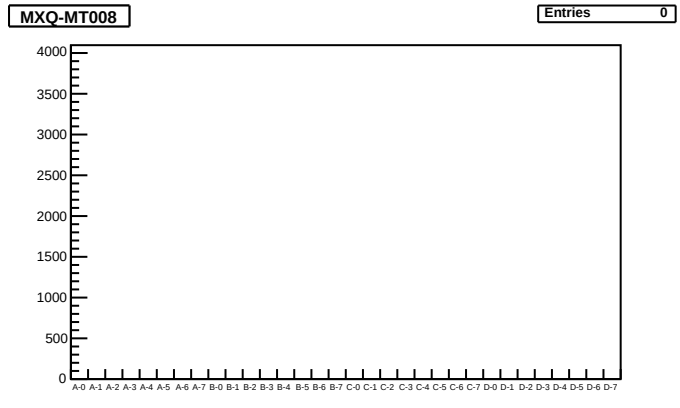

MXQ-MT003
Entries 262080

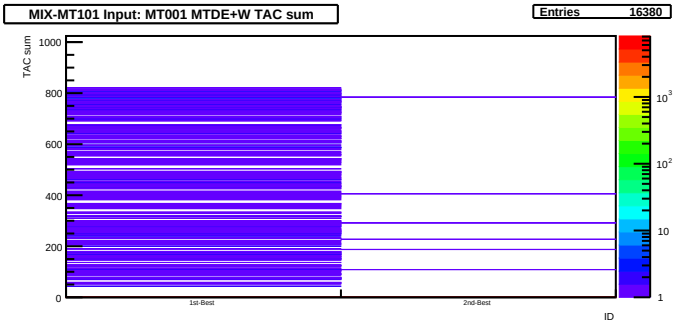

MXQ-MT004
Entries 262080

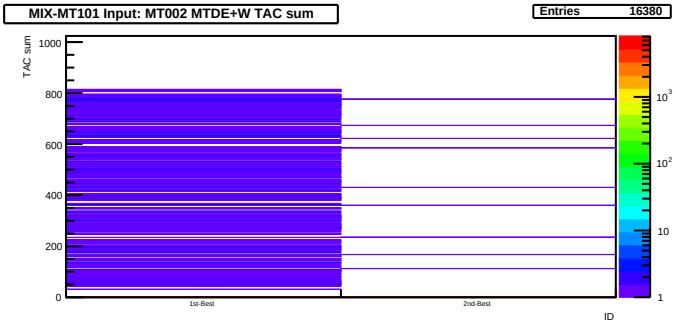

MXQ-MT005
Entries 262080

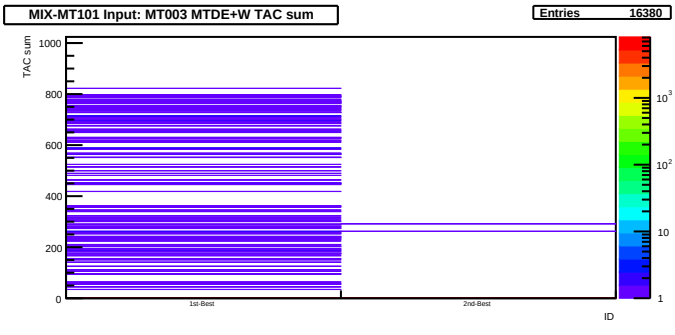

MXQ-MT006
Entries 0

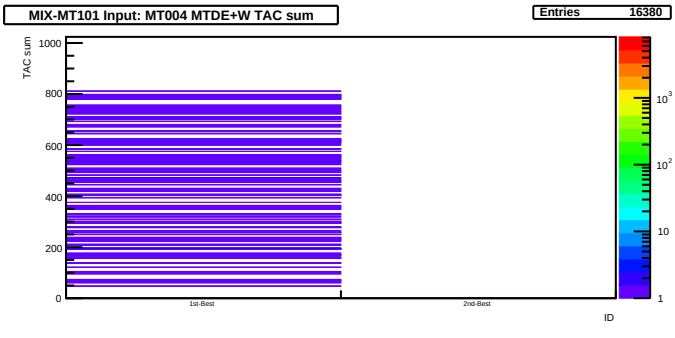

MXQ-MT007
Entries 0

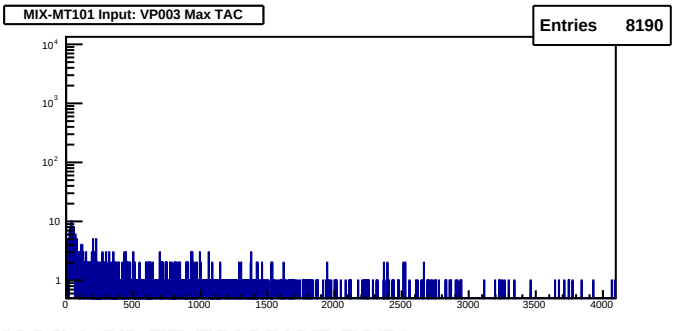

MXQ-MT008
Entries 0

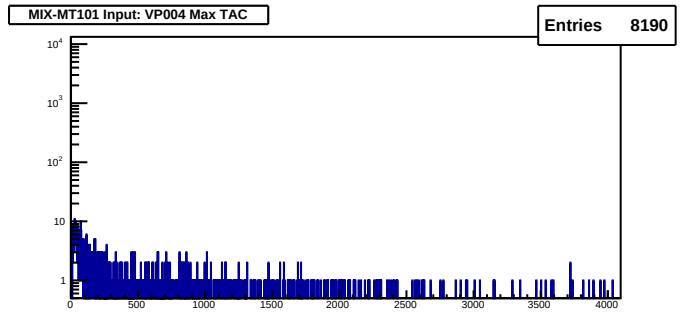

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 16380
TAC sum
1st-Best
2nd-Best
ID

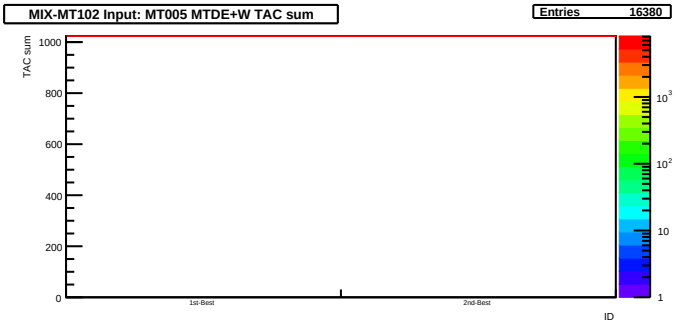

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 16380
TAC sum
1st-Best
2nd-Best
ID

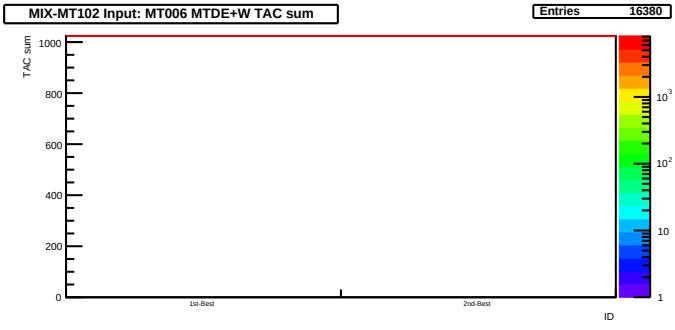

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 16380
TAC sum
1st-Best
2nd-Best
ID

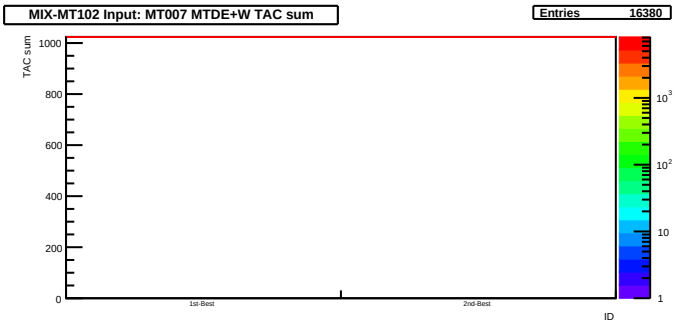

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 16380
TAC sum
1st-Best
2nd-Best
ID

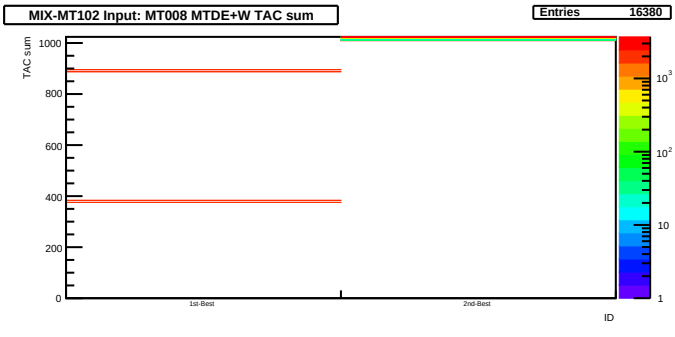

MIX-MT101 Input: VP003 Max TAC
Entries 8190

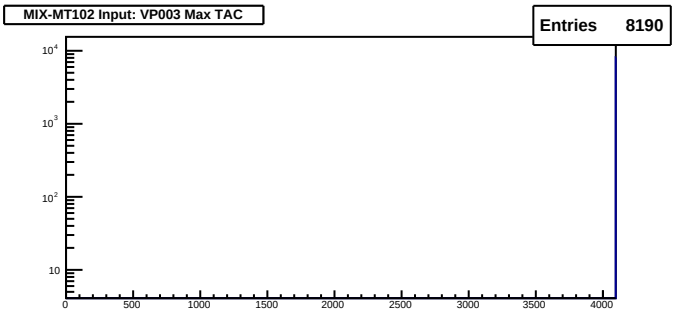

MIX-MT101 Input: VP004 Max TAC
Entries 8190

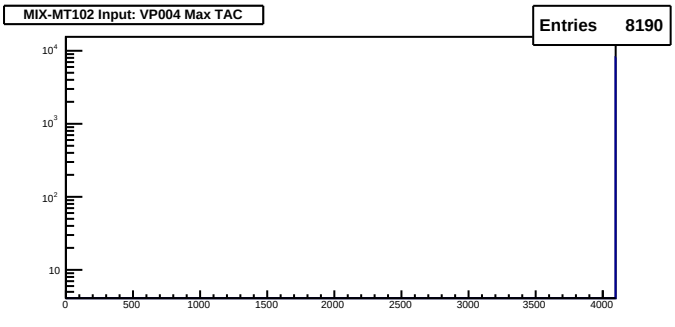

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 16380
TAC sum
1st-Best
2nd-Best
ID

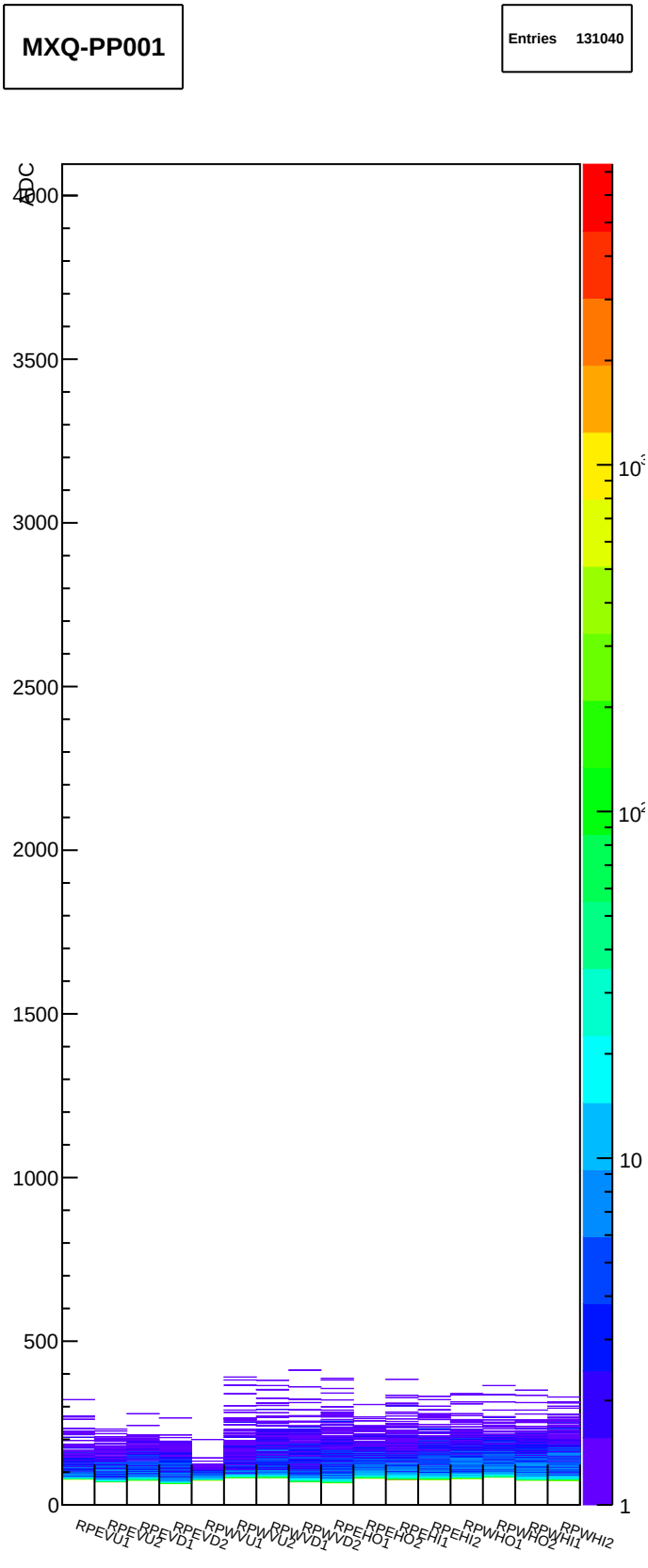

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 16380
TAC sum
1st-Best
2nd-Best
ID

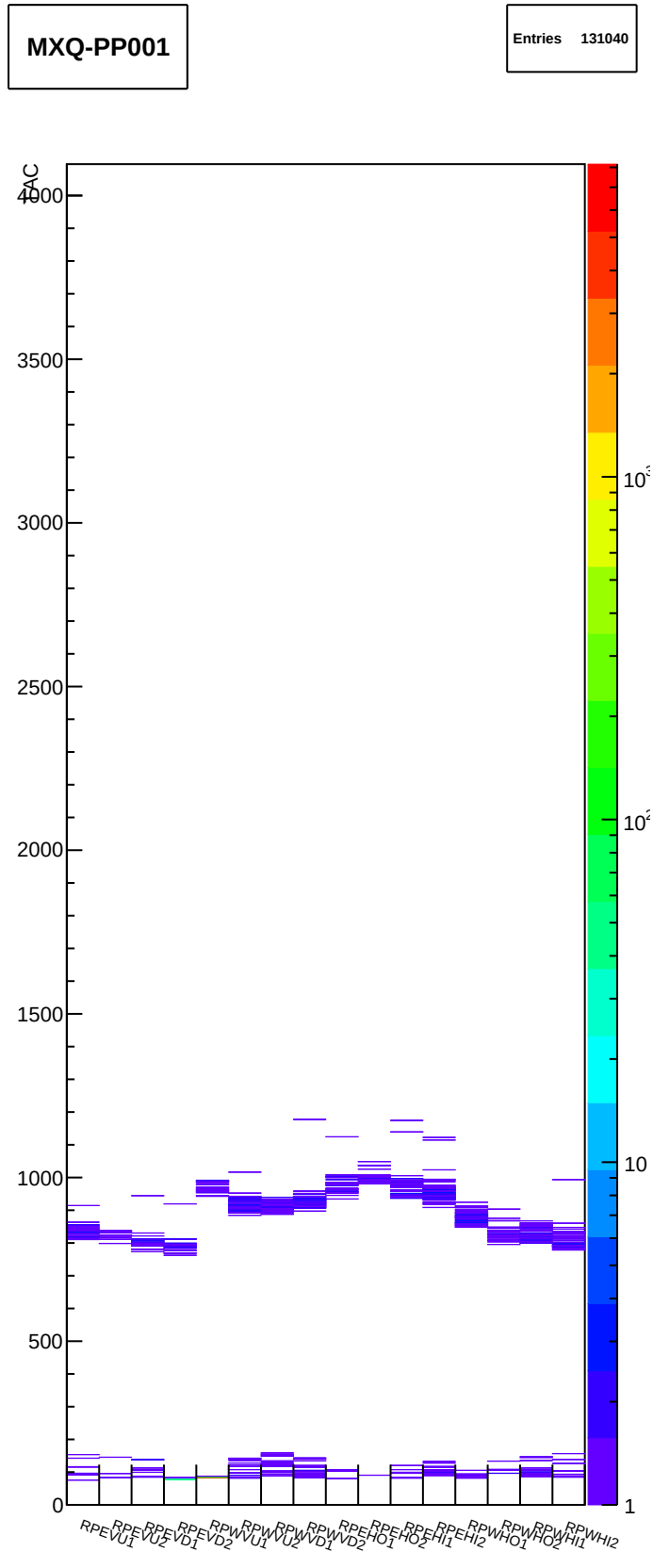

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 16380
TAC sum
1st-Best
2nd-Best
ID

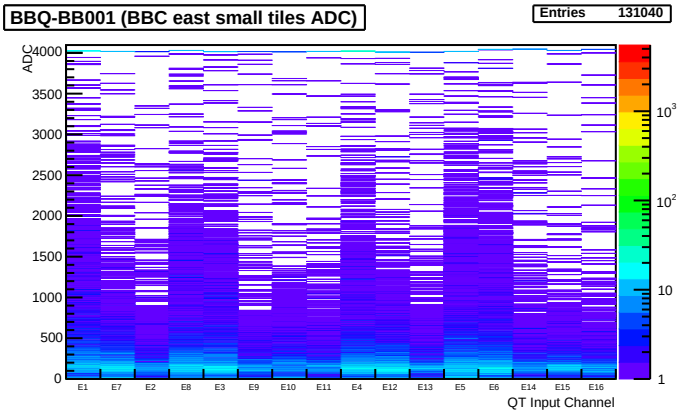

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 16380
TAC sum
1st-Best
2nd-Best
ID

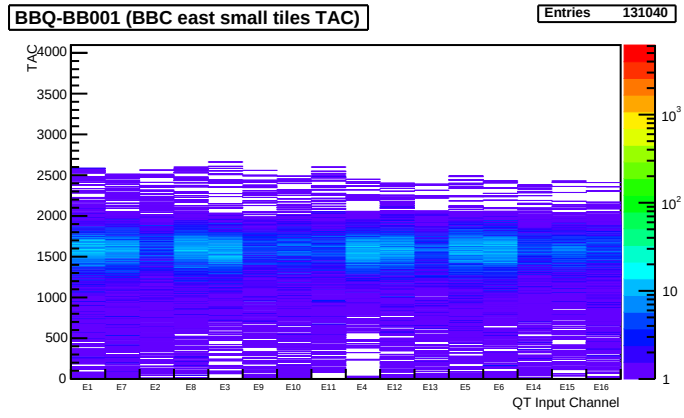

MIX-MT102 Input: VP003 Max TAC
Entries 8190

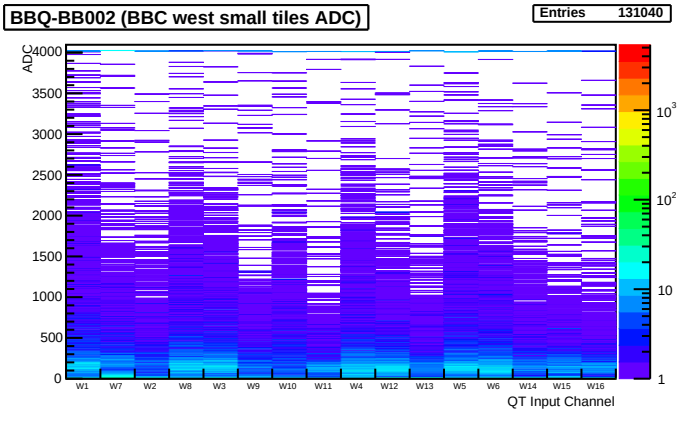

MIX-MT102 Input: VP004 Max TAC
Entries 8190

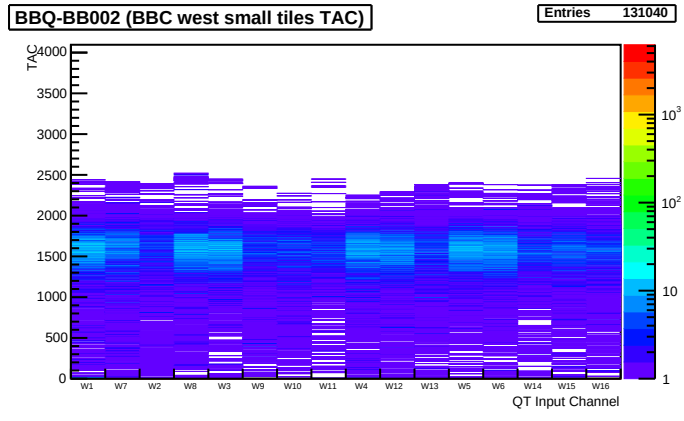

MXQ-PP001
Entries 131040
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

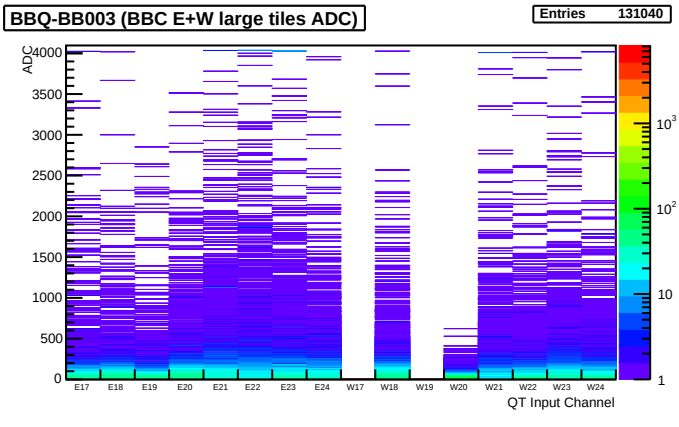

MXQ-PP001
Entries 131040
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

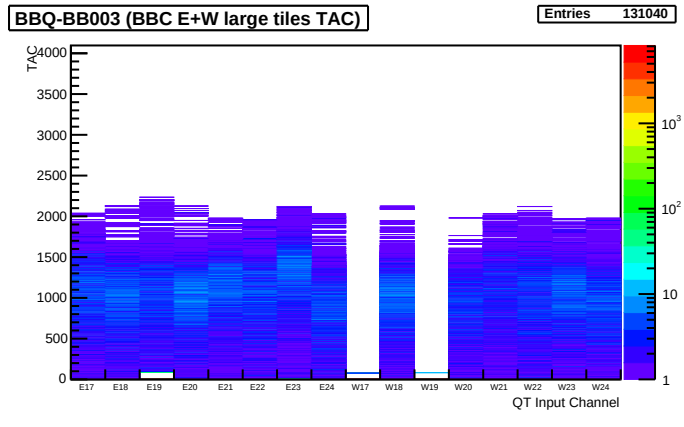

BBQ-BB001 (BBC east small tiles ADC)
Entries 131040
ADC
QT Input Channel

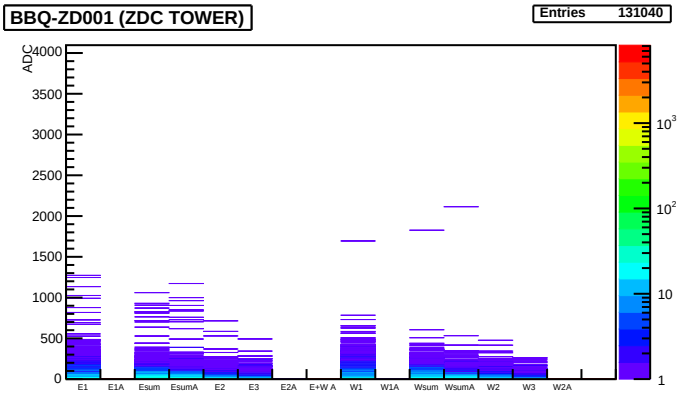

BBQ-BB001 (BBC east small tiles TAC)
Entries 131040
TAC
QT Input Channel

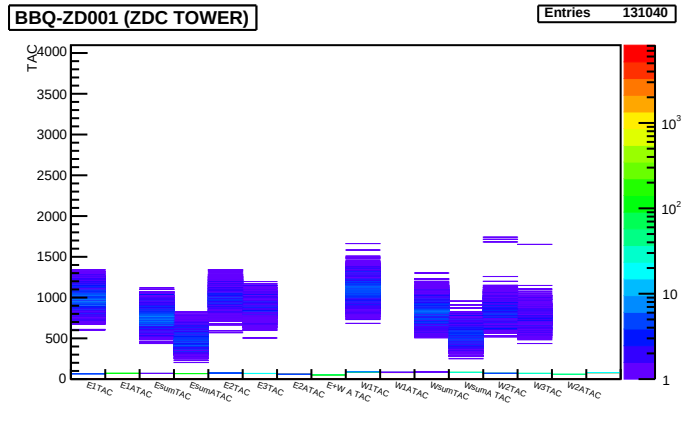

BBQ-BB002 (BBC west small tiles ADC)
Entries 131040
ADC
QT Input Channel

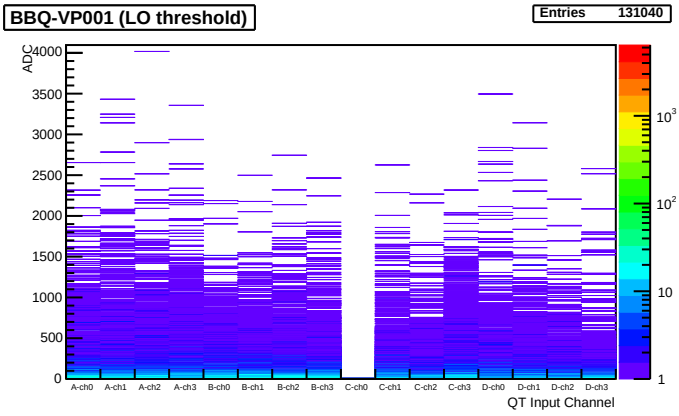

BBQ-BB002 (BBC west small tiles TAC)
Entries 131040
TAC
QT Input Channel

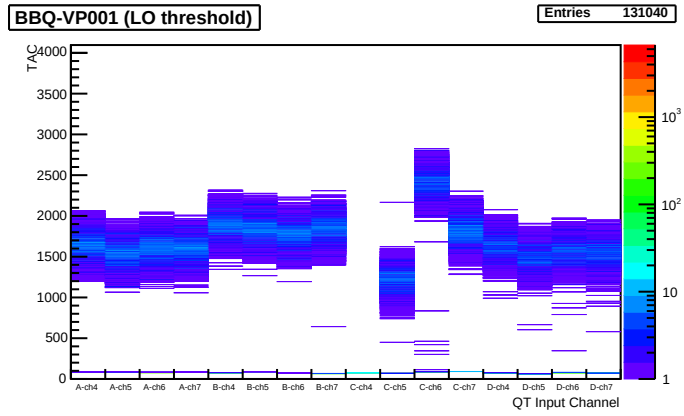

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 131040
ADC
QT Input Channel

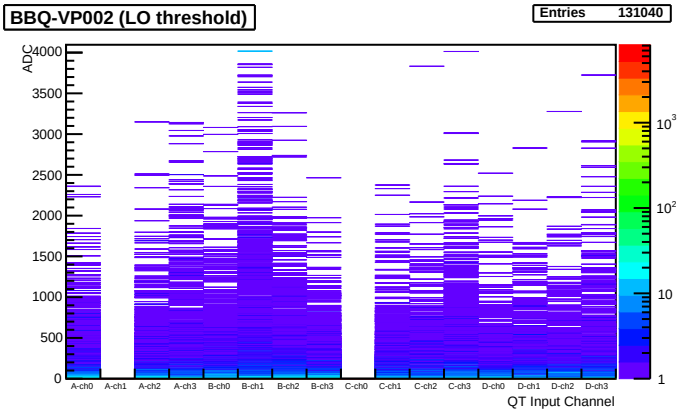

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 131040
TAC
QT Input Channel

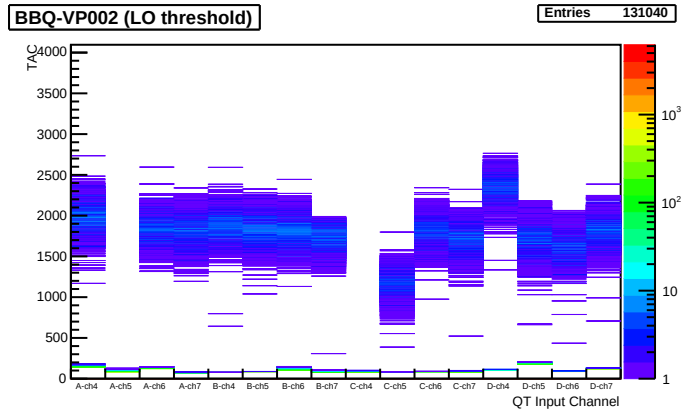

BBQ-ZD001 (ZDC TOWER)
Entries 131040
ADC

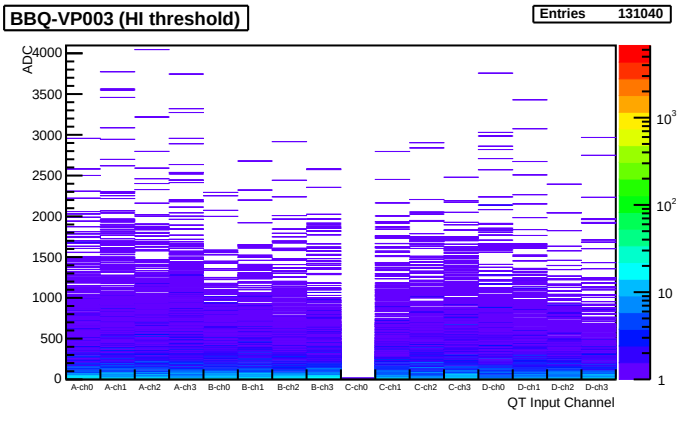

BBQ-ZD001 (ZDC TOWER)
Entries 131040
TAC

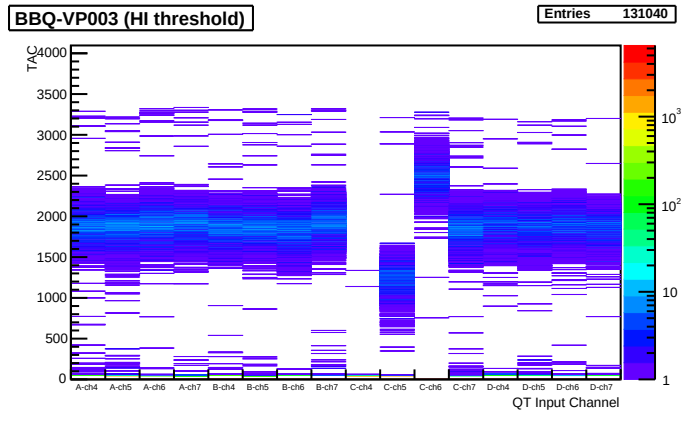

BBQ-VP001 (LO threshold)
Entries 131040
ADC
QT Input Channel

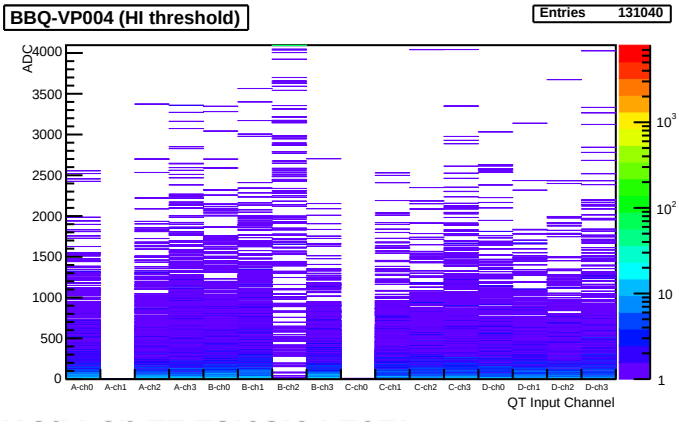

BBQ-VP001 (LO threshold)
Entries 131040
TAC
QT Input Channel

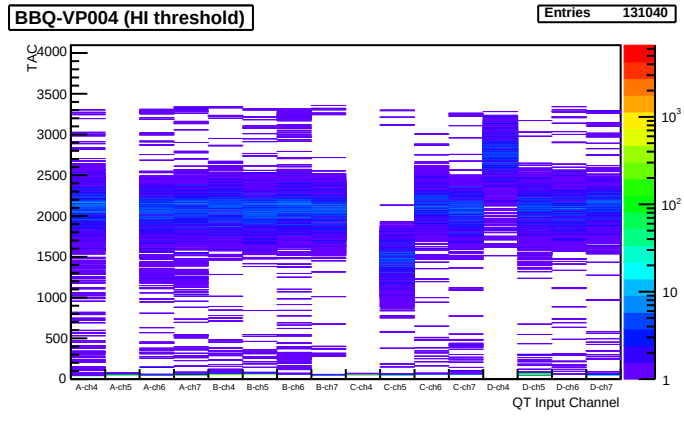

BBQ-VP002 (LO threshold)
Entries 131040
ADC
QT Input Channel

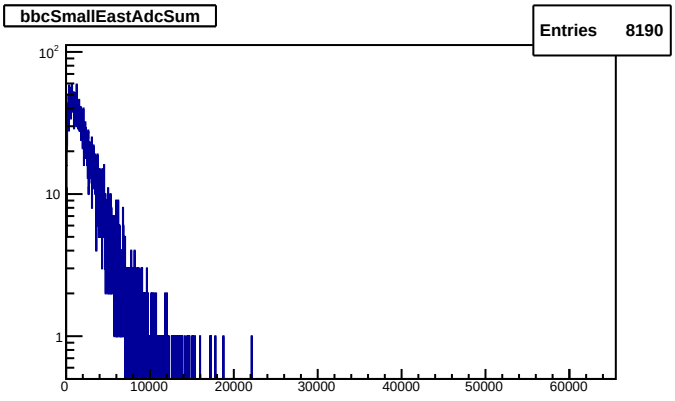

BBQ-VP002 (LO threshold)
Entries 131040
TAC
QT Input Channel

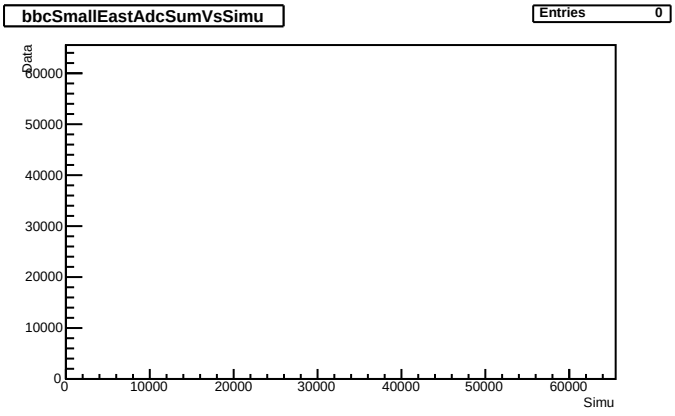

BBQ-VP003 (HI threshold)
Entries 131040
ADC
QT Input Channel

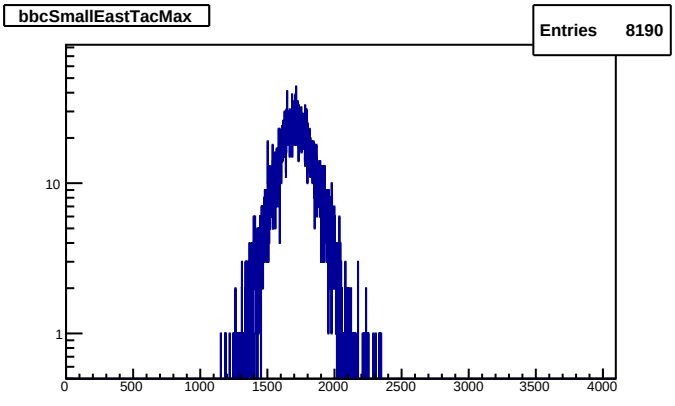

BBQ-VP003 (HI threshold)
Entries 131040
TAC
QT Input Channel

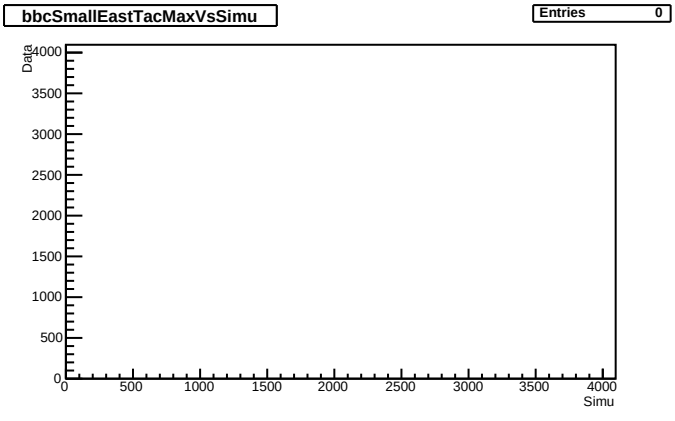

BBQ-VP004 (HI threshold)
Entries 131040
ADC
QT Input Channel

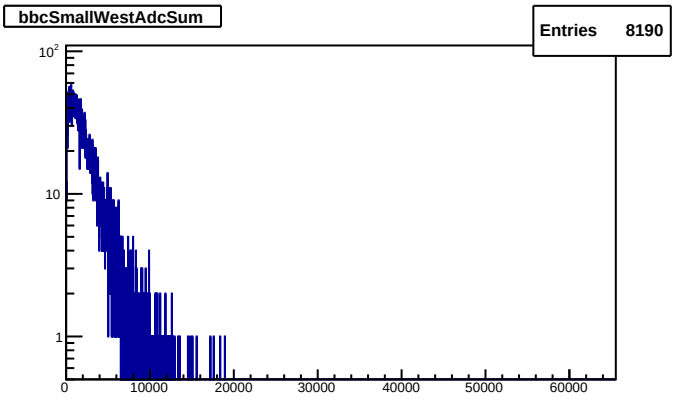

BBQ-VP004 (HI threshold)
Entries 131040
TAC
QT Input Channel

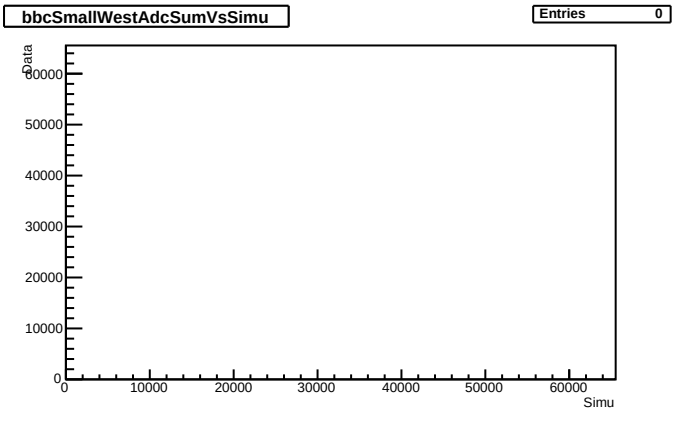

bbcSmallEastAdcSum
Entries 8190

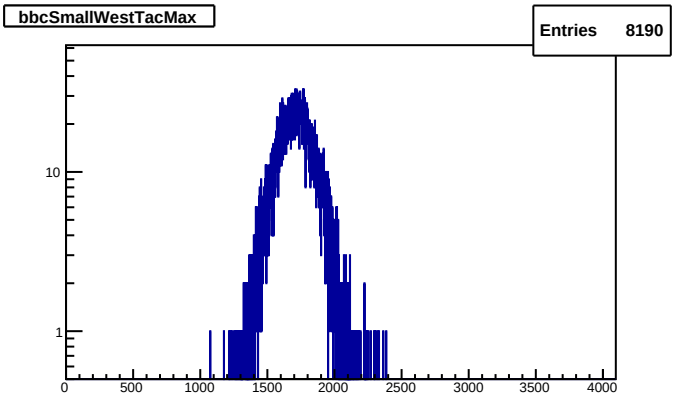

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

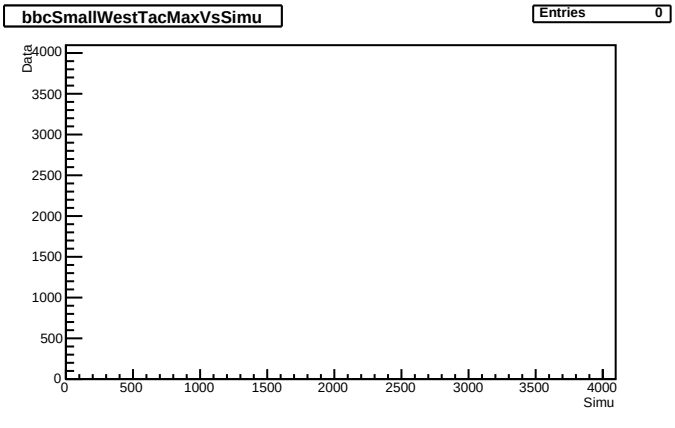

bbcSmallEastTacMax
Entries 8190

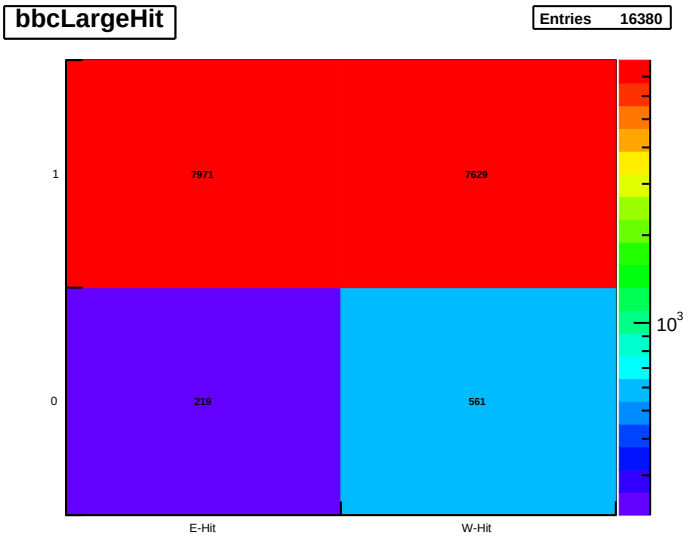

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

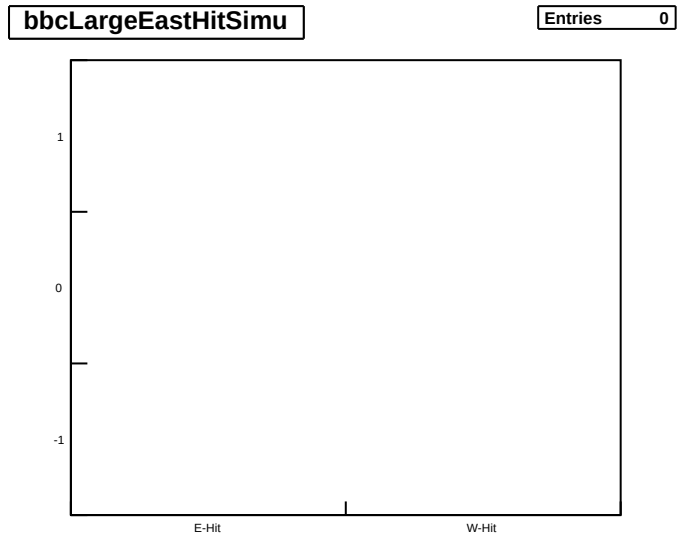

bbcSmallWestAdcSum
Entries 8190

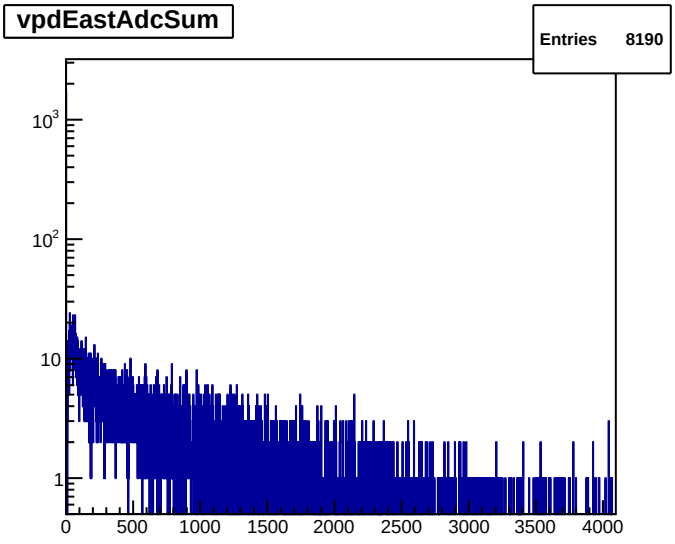

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

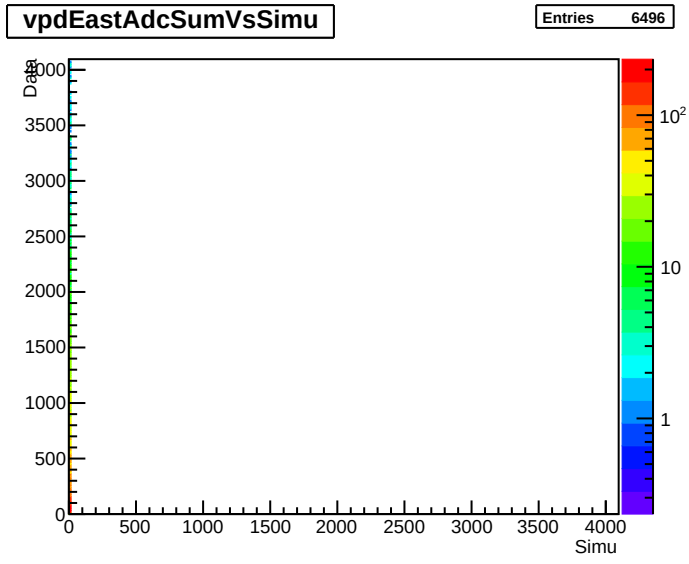

bbcSmallWestTacMax
Entries 8190

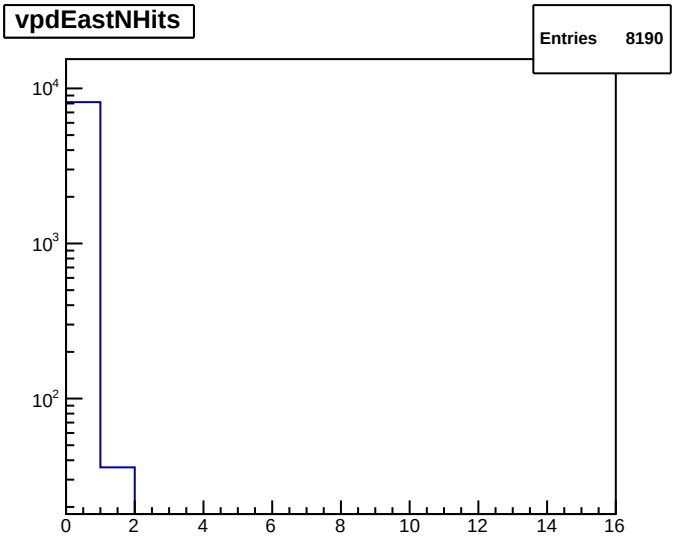

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

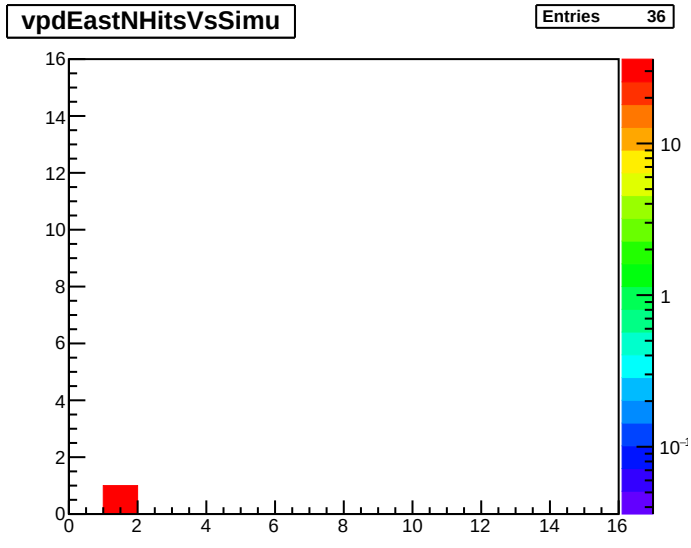

bbcLargeHit
Entries 16380
1
0
7971
7629
219
561
E-Hit
W-Hit
10^3

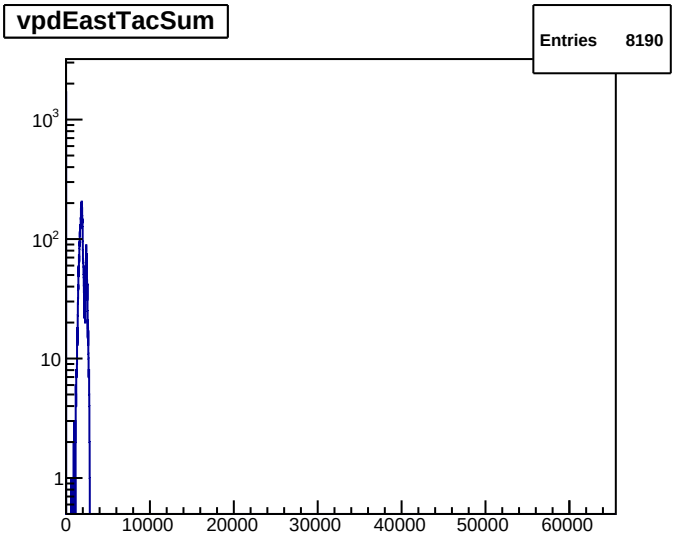

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

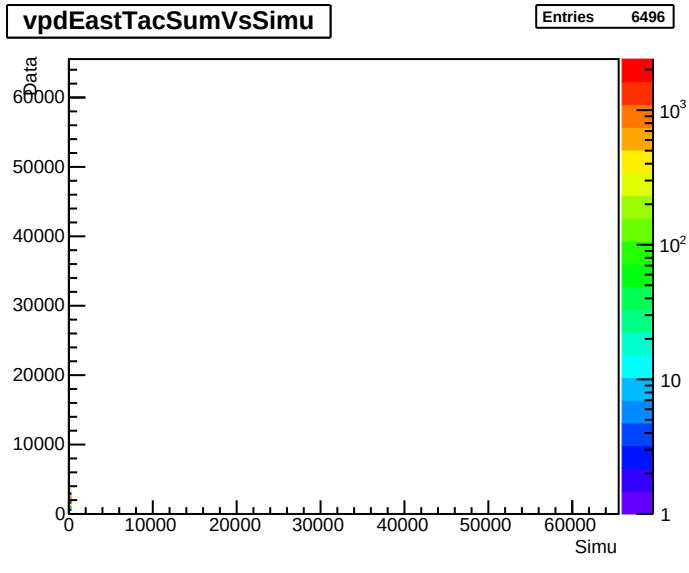

vpdEastAdcSum
Entries 8190

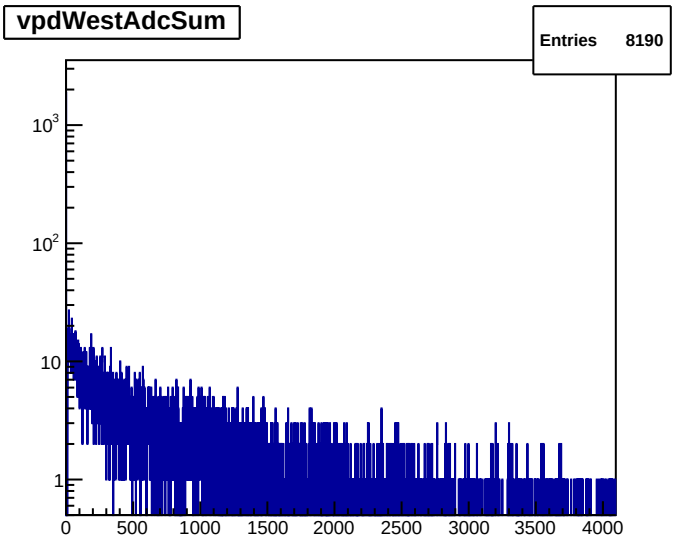

vpdEastAdcSumVsSimu
Entries 6496
Data
Simu

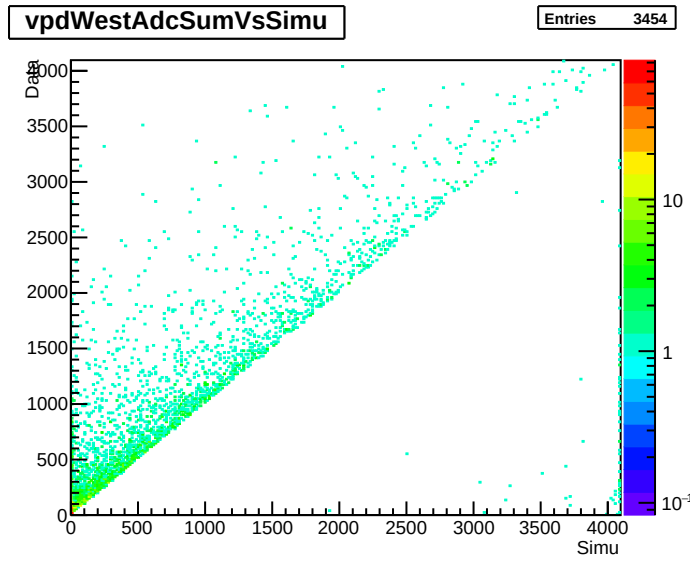

vpdEastNHits
Entries 8190

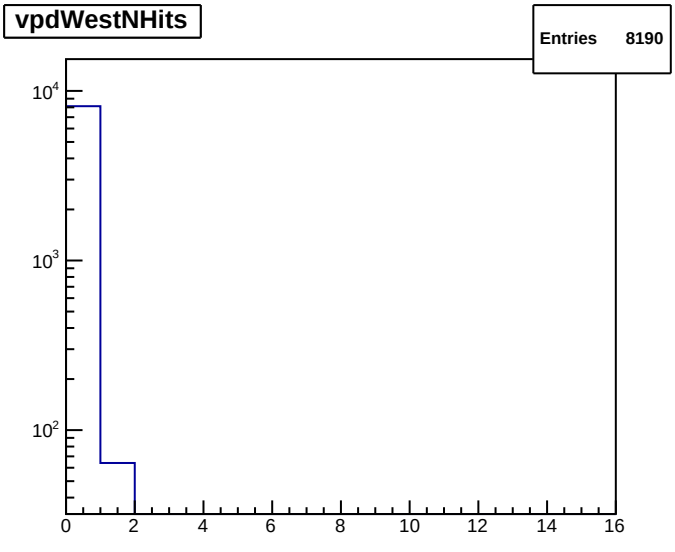

vpdEastNHitsVsSimu
Entries 36

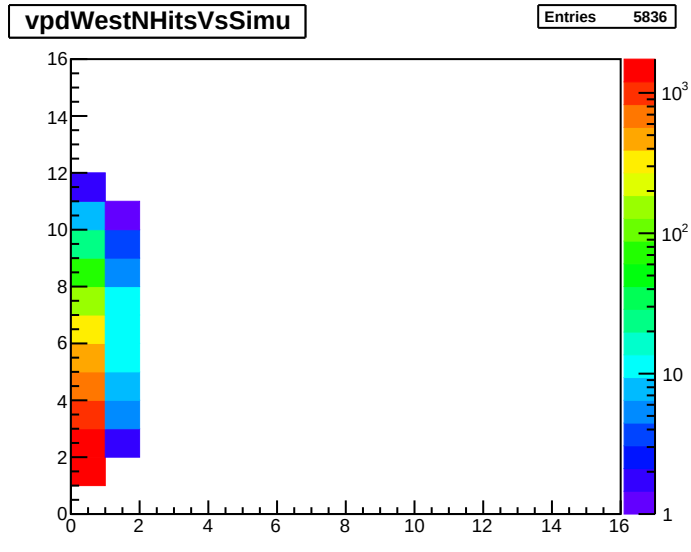

vpdEastTacSum
Entries 8190

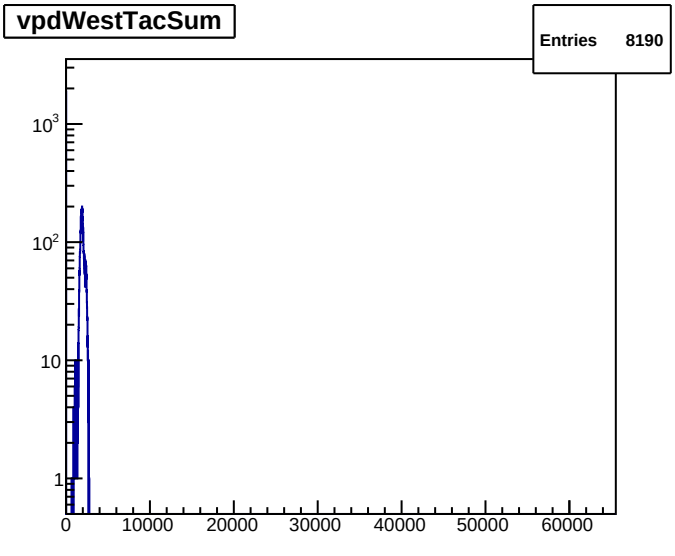

vpdEastTacSumVsSimu
Entries 6496
Data
Simu

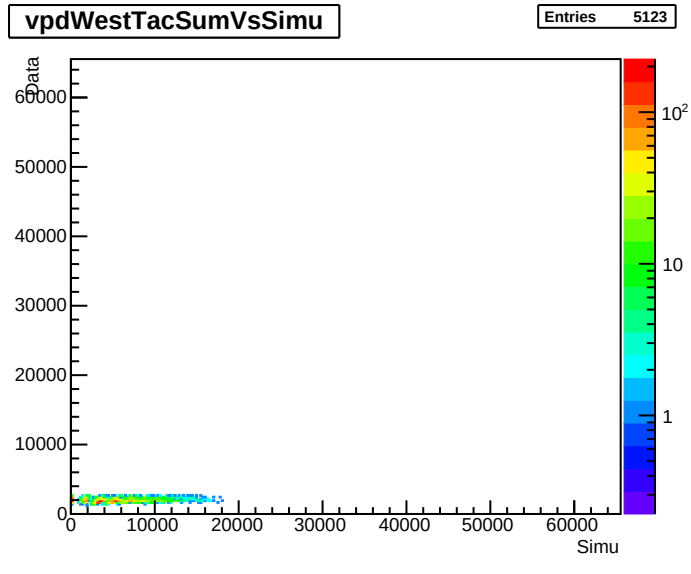

vpdWestAdcSum
Entries 8190

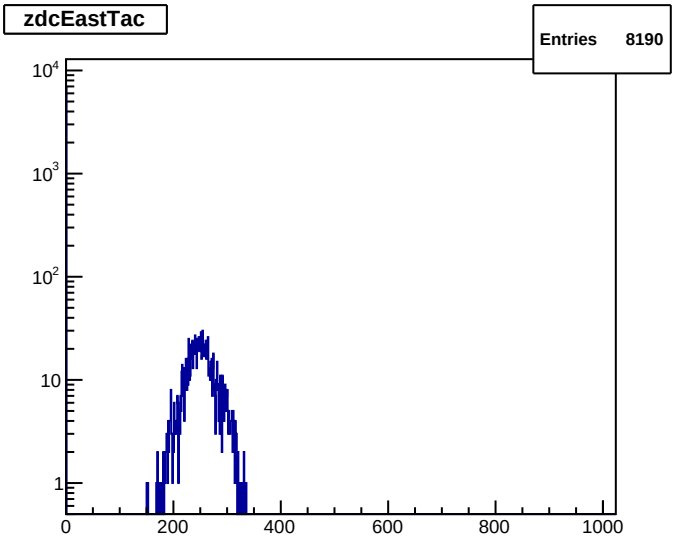

vpdWestAdcSumVsSimu
Entries 3454
Data
Simu

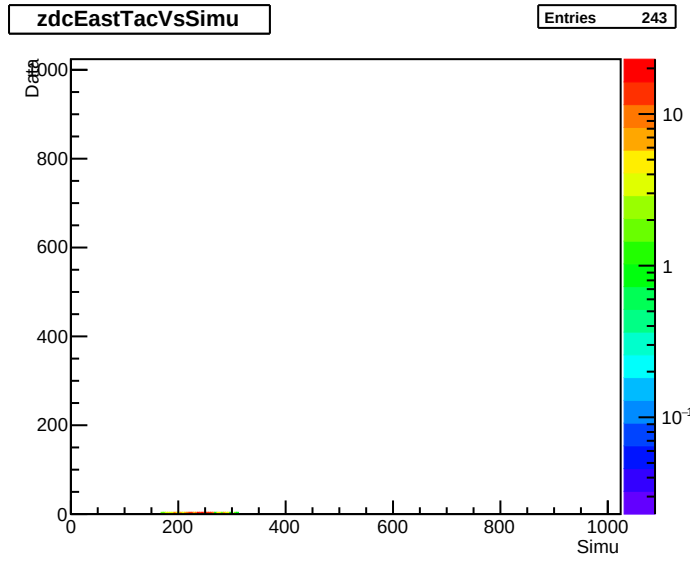

vpdWestNHits
Entries 8190

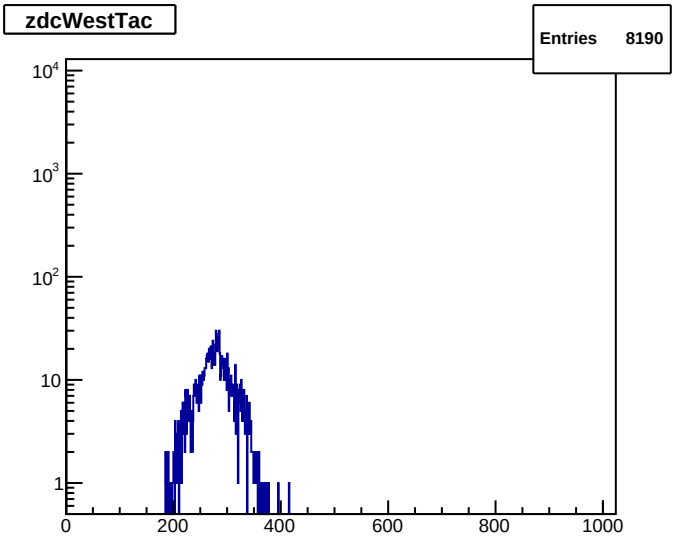

vpdWestNHitsVsSimu
Entries 5836

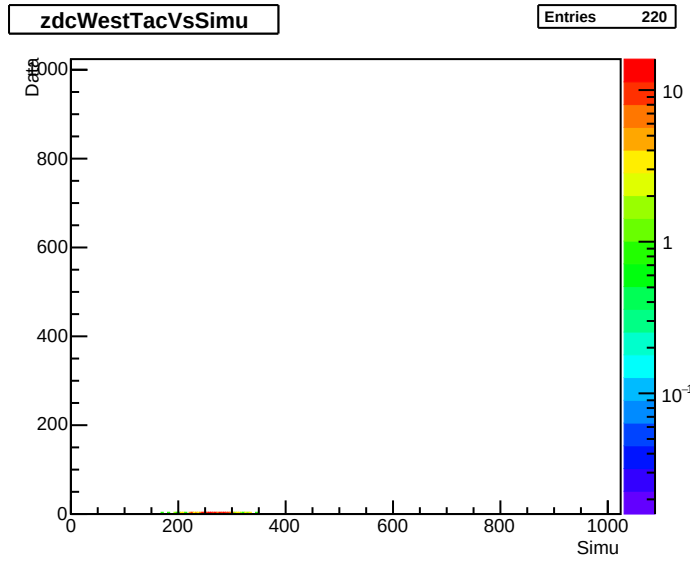

vpdWestTacSum
Entries 8190

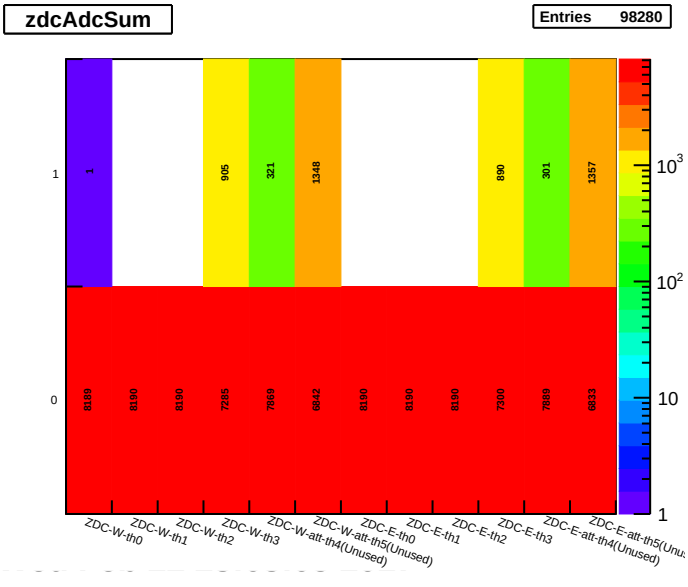

vpdWestTacSumVsSimu
Entries 5123
Data
Simu

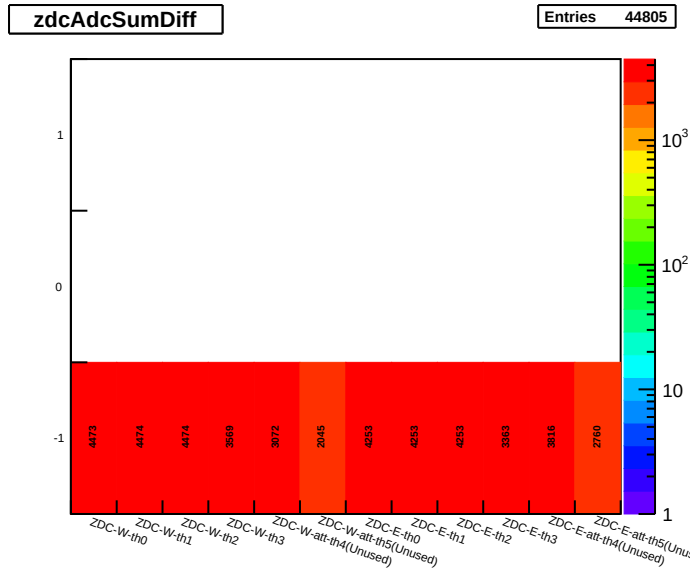

zdcEastTac
Entries 8190

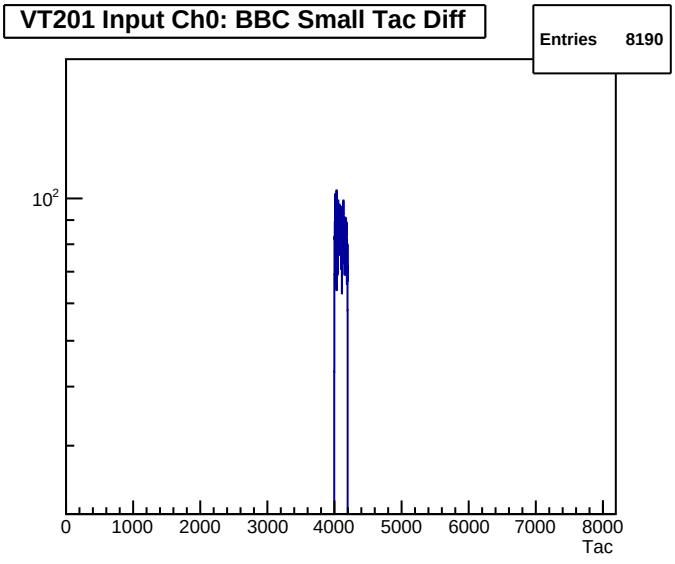

zdcEastTacVsSimu
Entries 243
Data
Simu

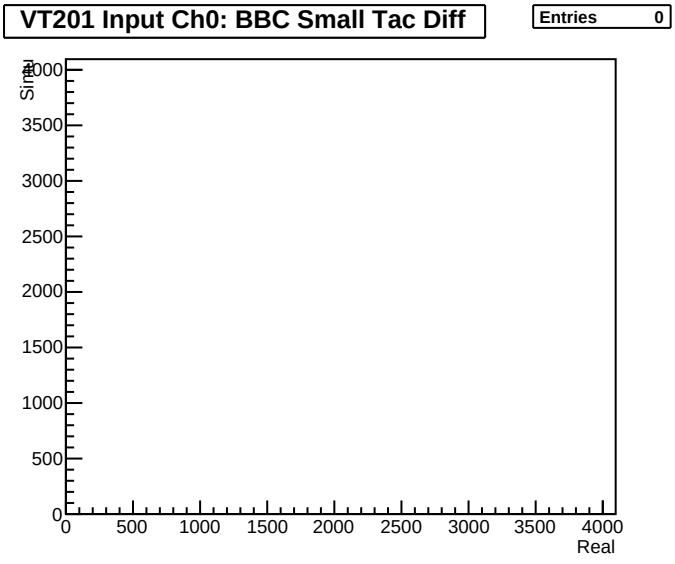

zdcWestTac
Entries 8190

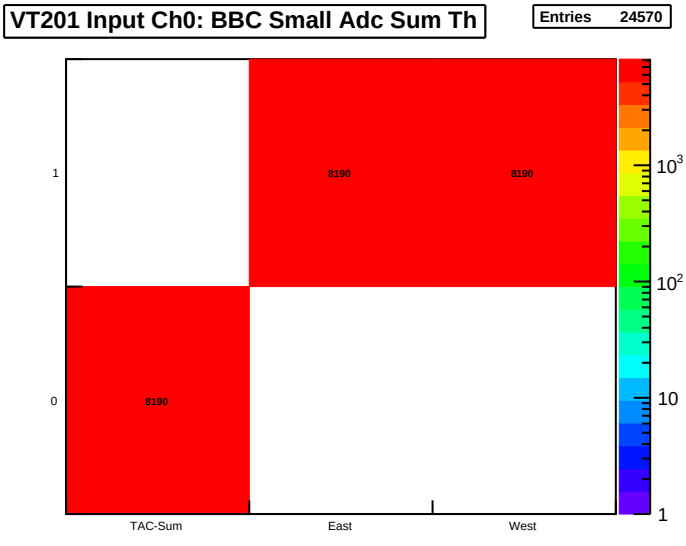

zdcWestTacVsSimu
Entries 220
Data
Simu

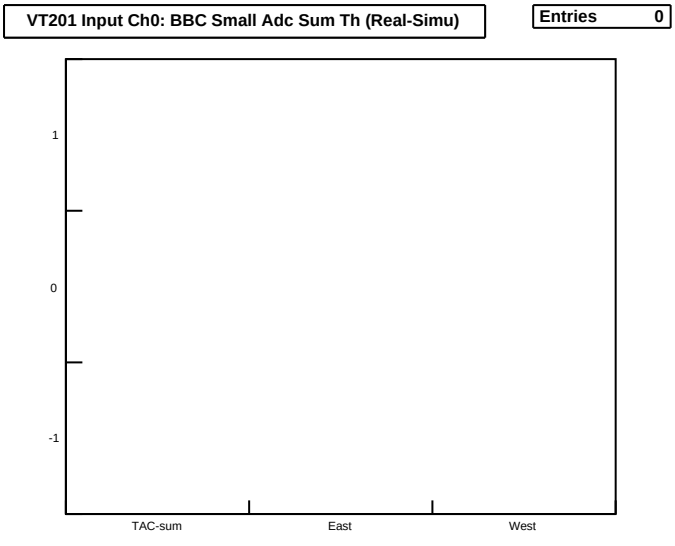

zdcAdcSum
Entries 98280
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

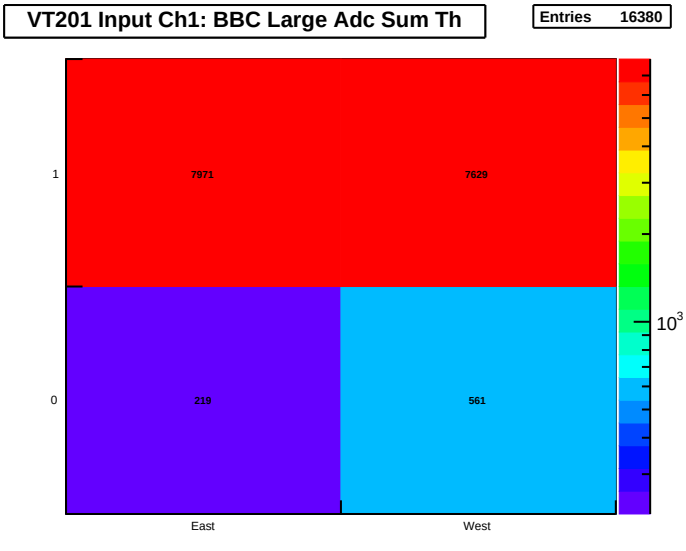

zdcAdcSumDiff
Entries 44805
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

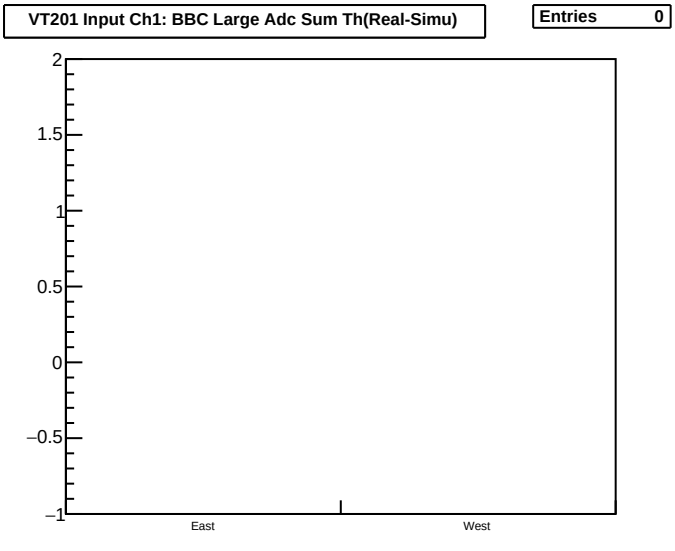

VT201 Input Ch0: BBC Small Tac Diff
Entries 8190
10^2
0 1000 2000 3000 4000 5000 6000 7000 8000
Tac


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

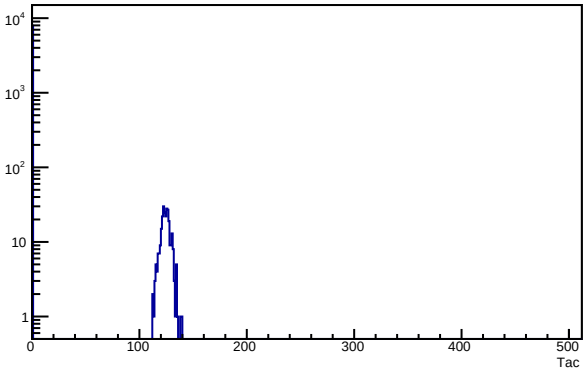

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 24570
1
0
8190
8190
8190
10^3
10^2
10
1
TAC-Sum
East
West


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

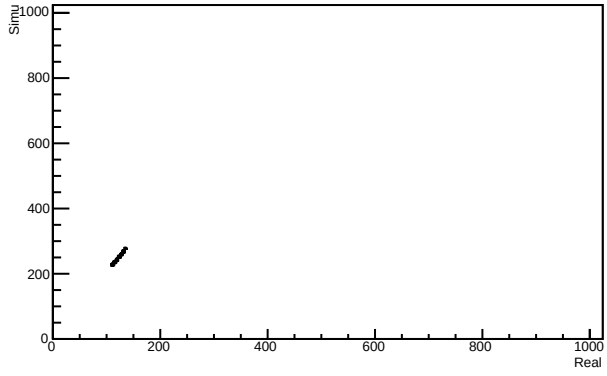

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 16380
1
0
7971
7629
219
561
10^3
East
West


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

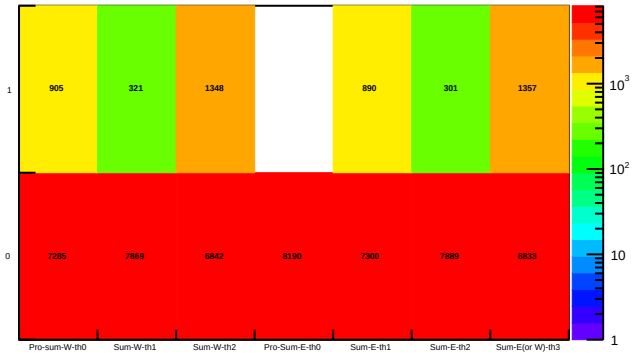
VT201 Input Ch2: ZDC Tac Diff



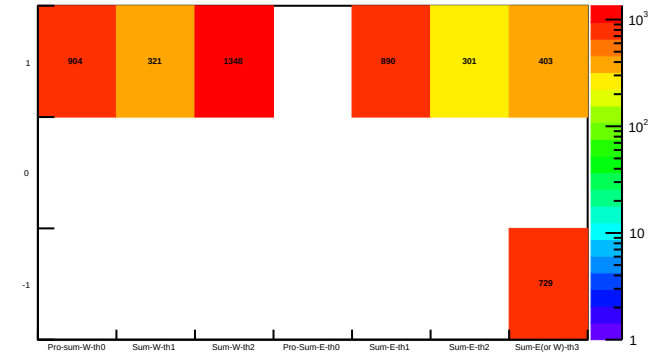
VT201 Input Ch2: ZDC Tac Diff



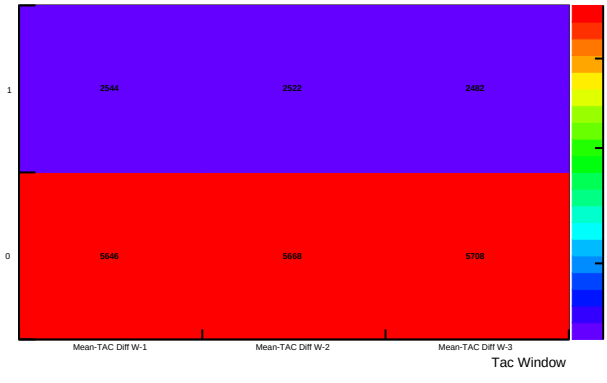
VT201 Input Ch2: ZDC Adc Sum Th



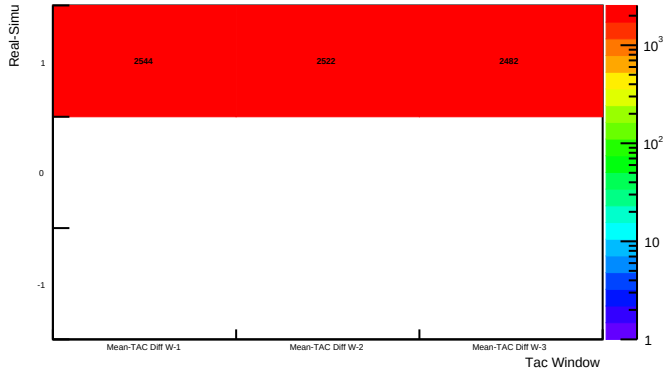
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



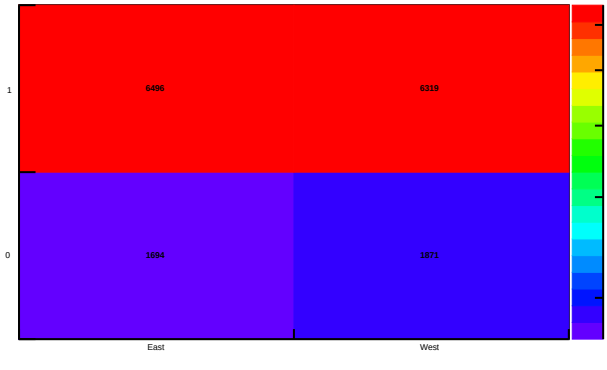
VT201 Input Ch4: VPD Tac Diff



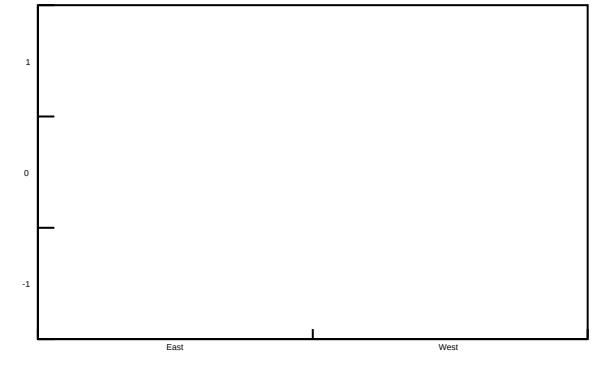
VT201 Input Ch4: VPD Tac Diff

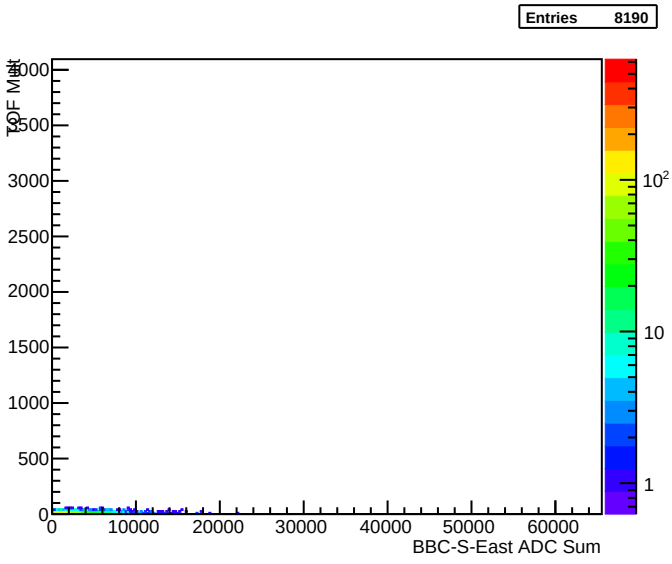


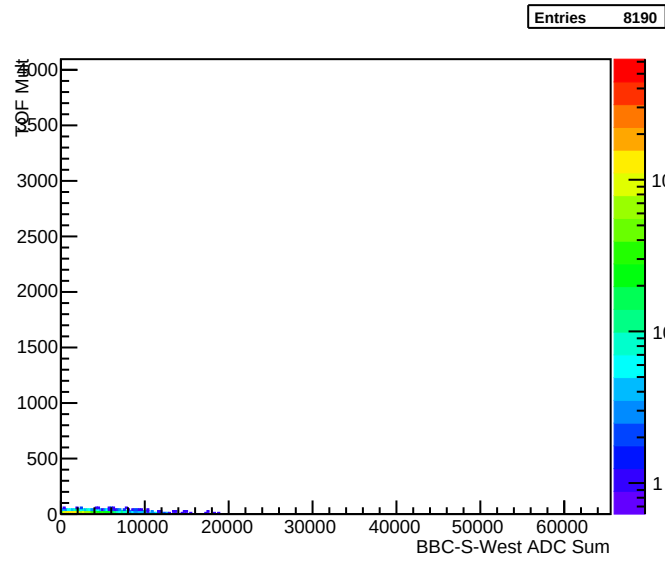
VT201 Input Ch4: VPD Adc Sum Th

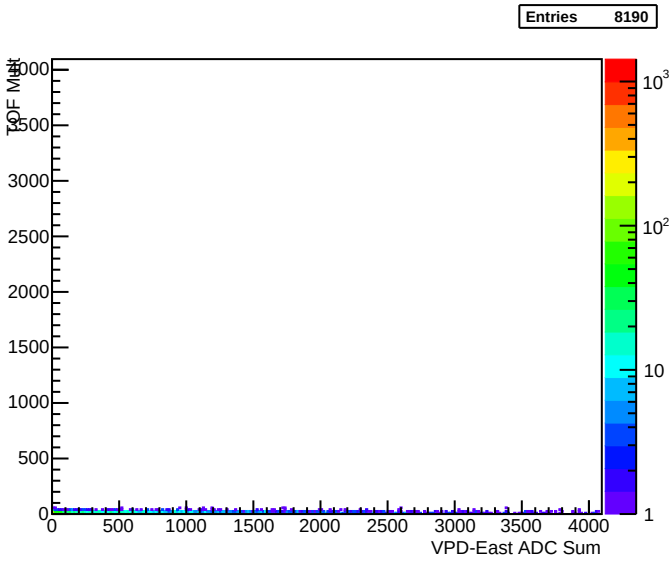


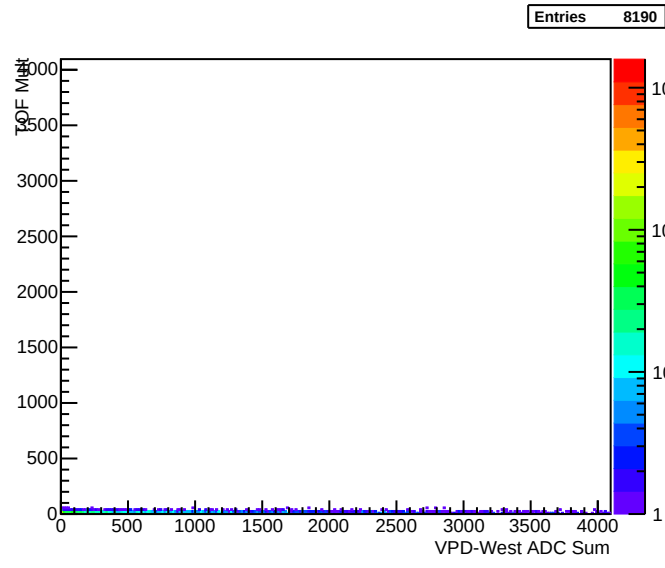
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

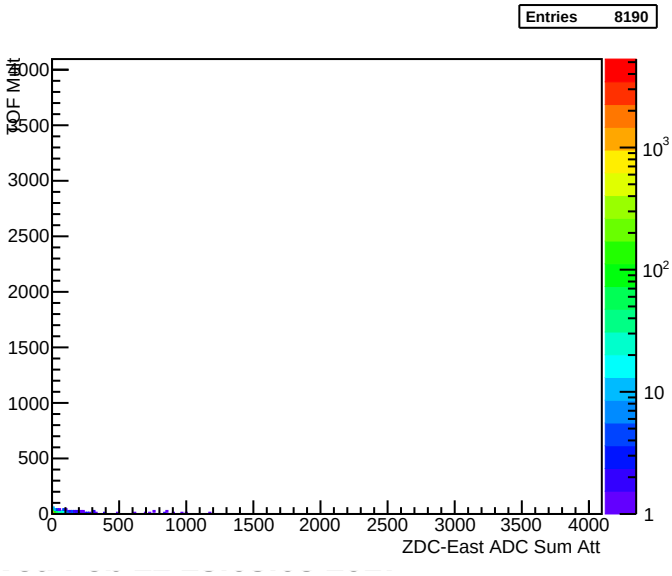


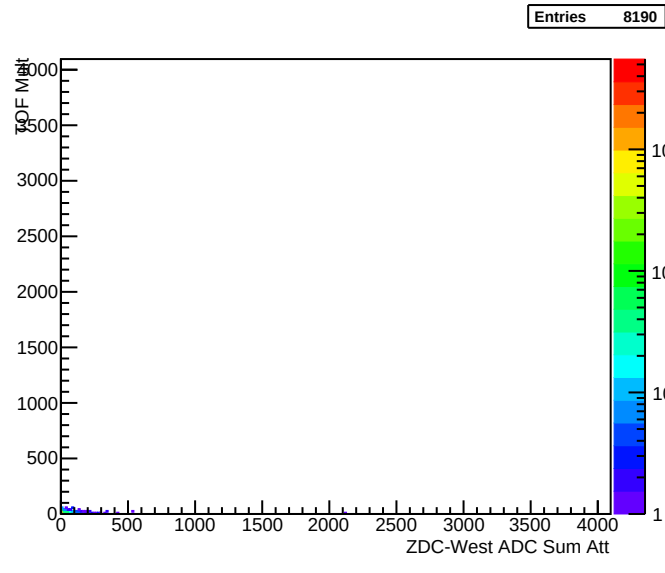

Entries 8190
TOF Mult
BBC-S-East ADC Sum

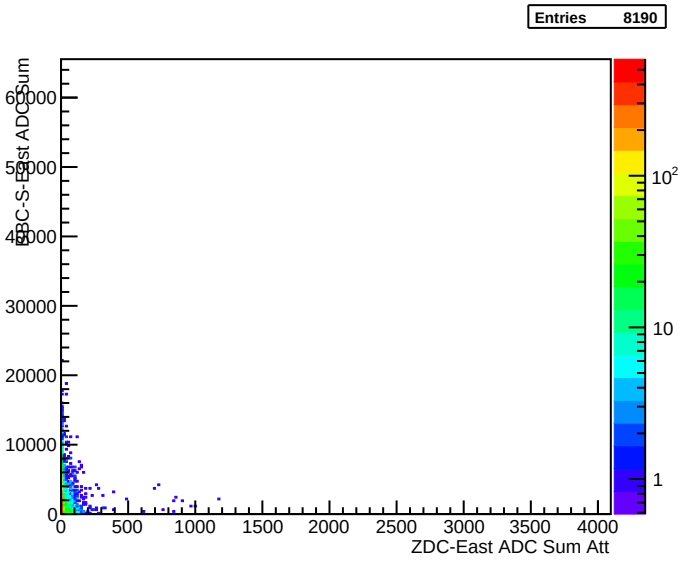

Entries 8190
TOF Mult
BBC-S-West ADC Sum

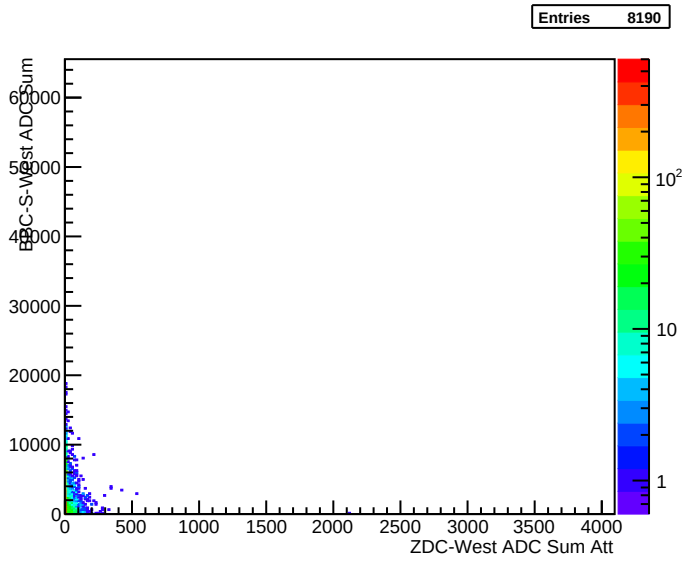

Entries 8190
TOF Mult
VPD-East ADC Sum

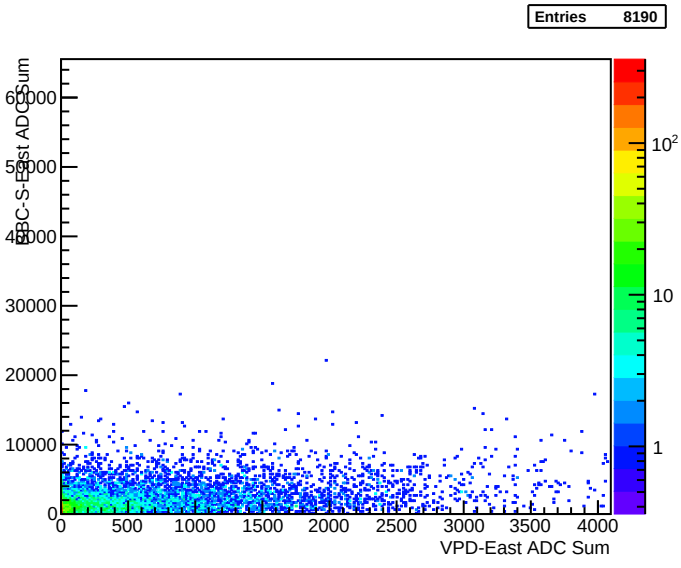

Entries 8190
TOF Mult
VPD-West ADC Sum

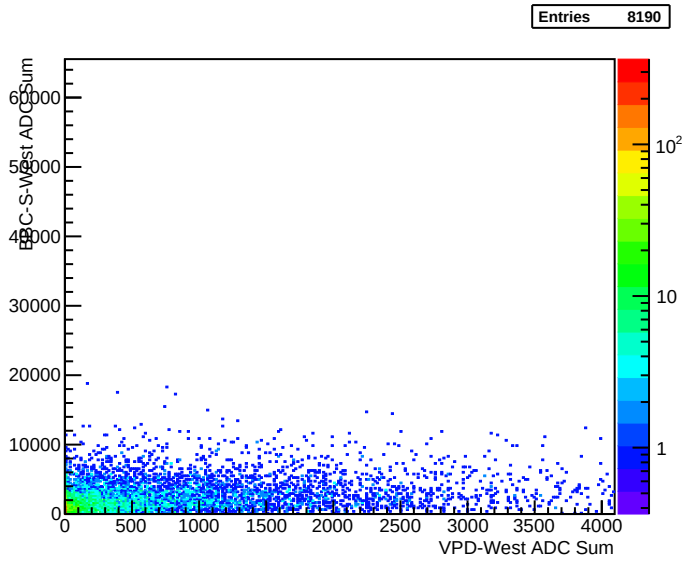

Entries 8190
TOF Mult
ZDC-East ADC Sum Att

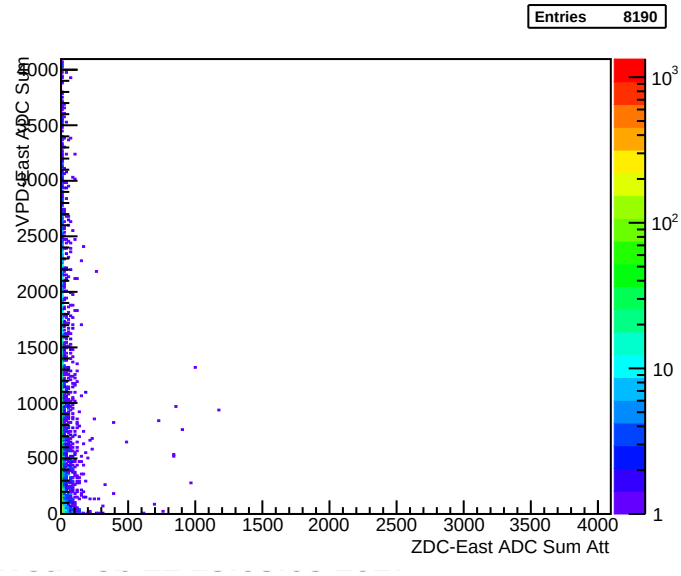

Entries 8190
TOF Mult
ZDC-West ADC Sum Att

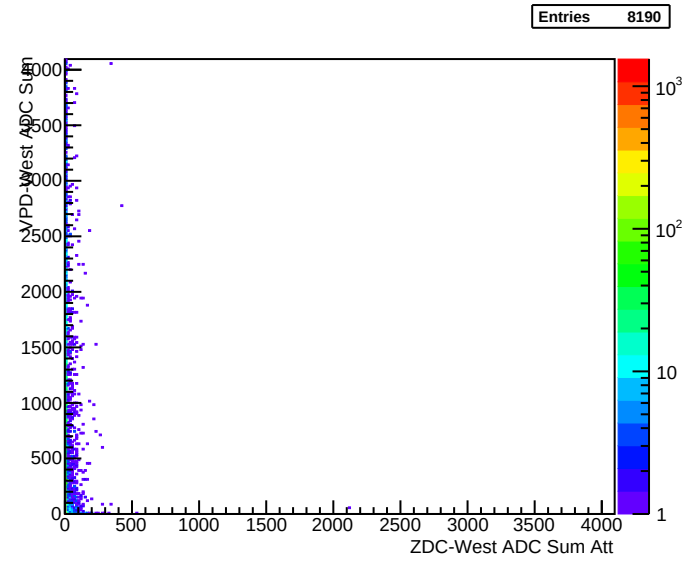

Entries 8190
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

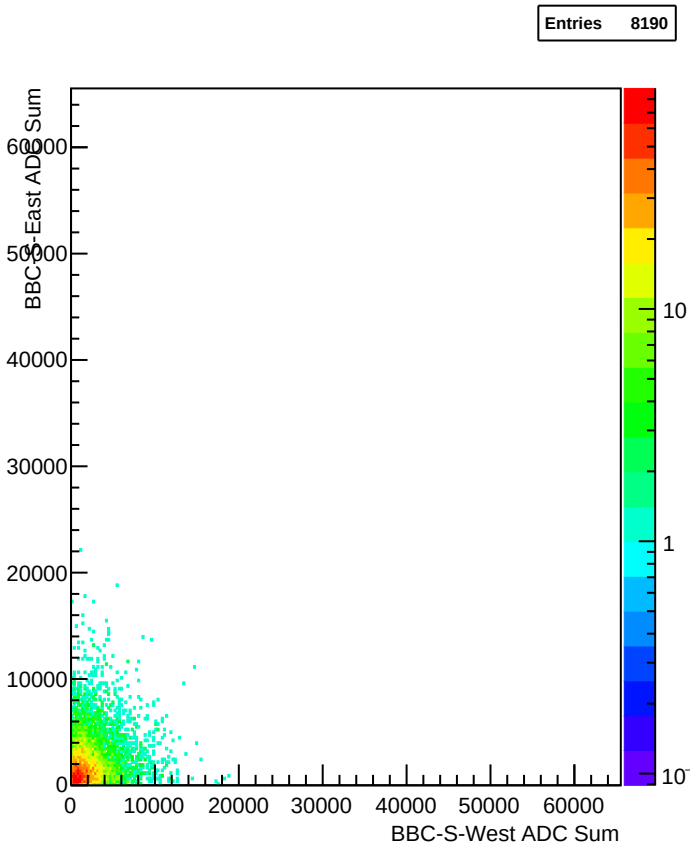

Entries 8190
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

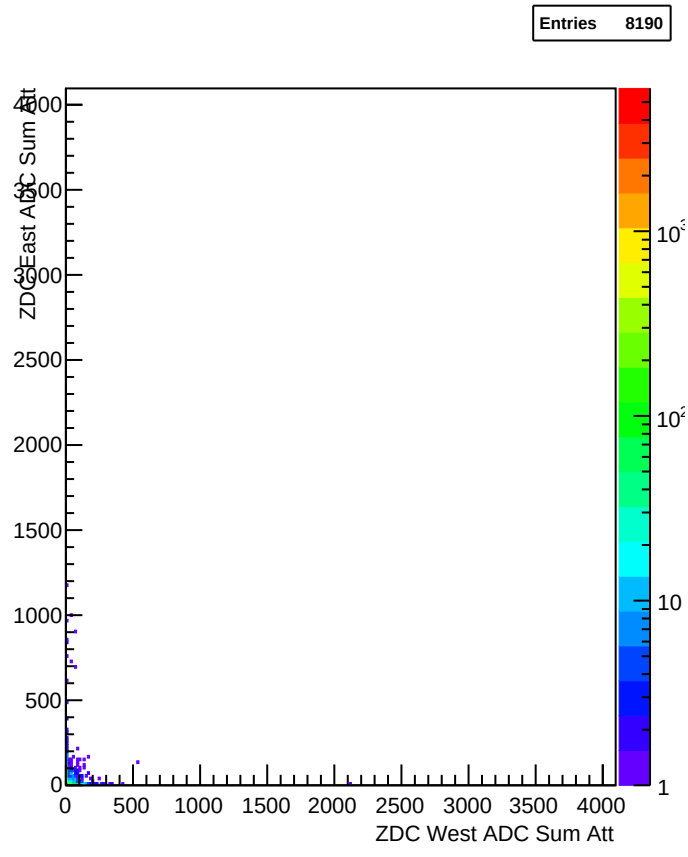

Entries 8190
BBC-S-East ADC Sum
VPD-East ADC Sum

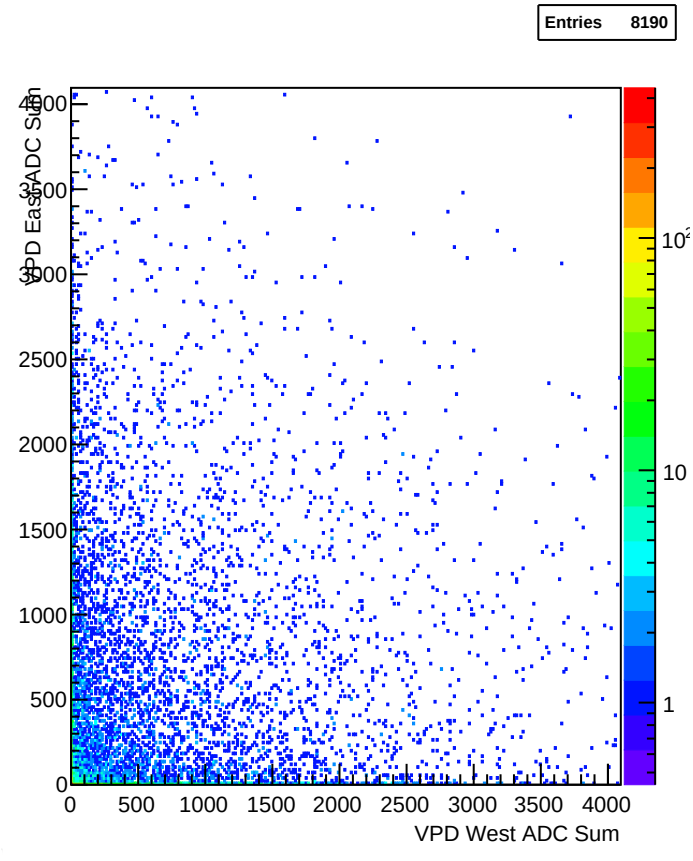

Entries 8190
BBC-S-West ADC Sum
VPD-West ADC Sum

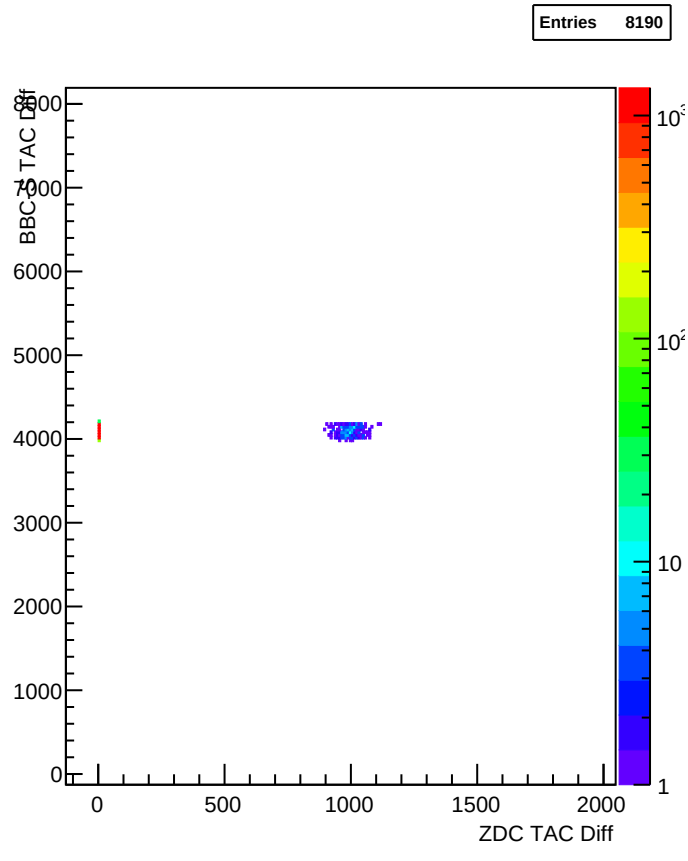

Entries 8190
VPD-East ADC Sum
ZDC-East ADC Sum Att

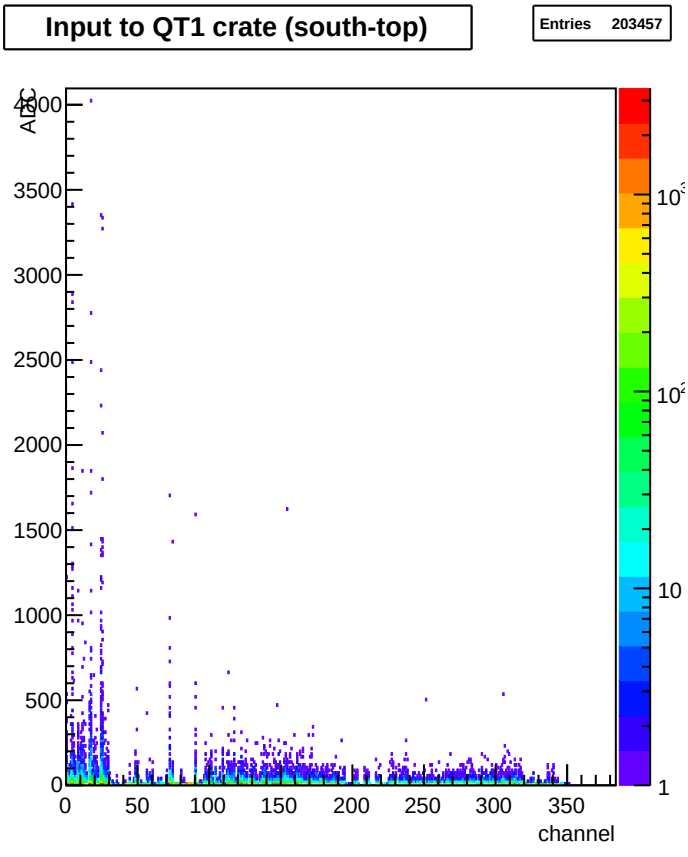

Entries 8190
VPD-West ADC Sum
ZDC-West ADC Sum Att

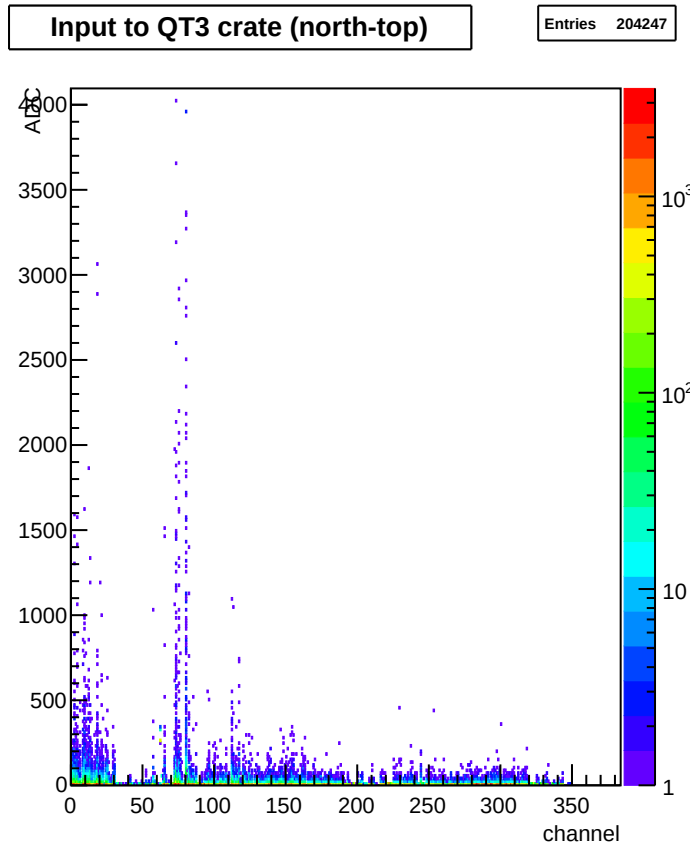

Entries 8190
BBC-S-East ADC Sum
BBC-S-West ADC Sum

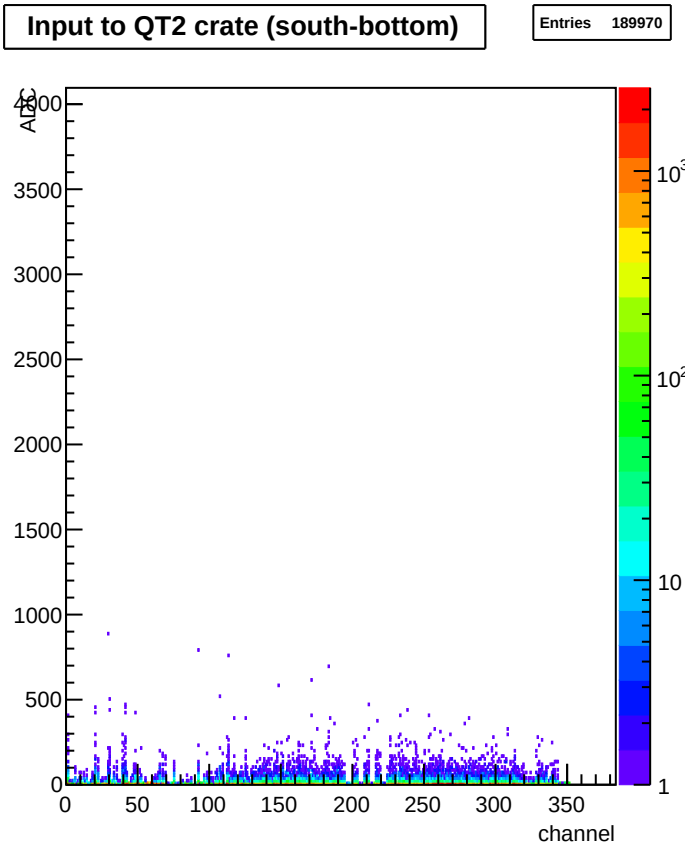

Entries 8190
ZDC East ADC Sum Att
ZDC West ADC Sum Att

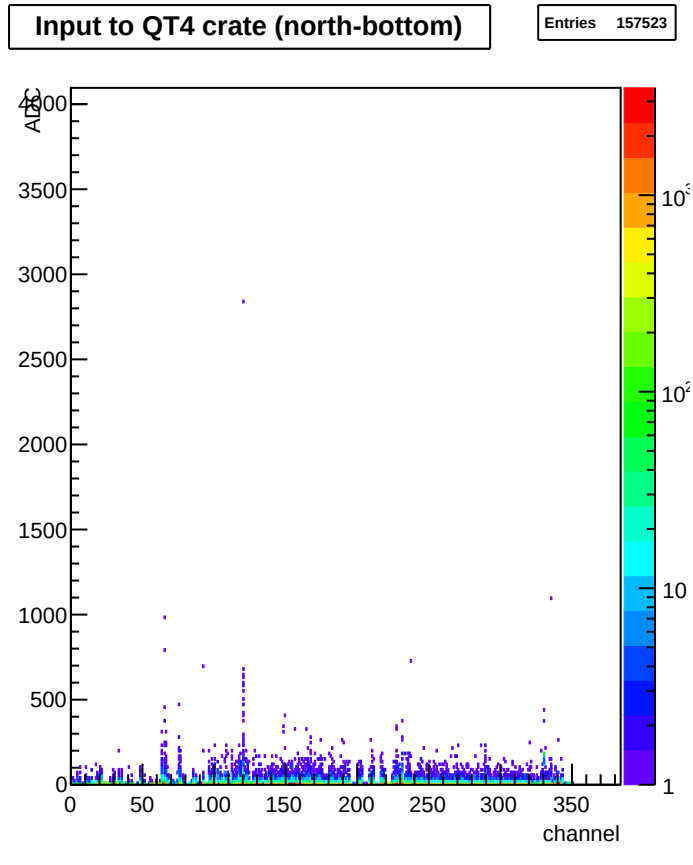

Entries 8190
VPD East ADC Sum
VPD West ADC Sum

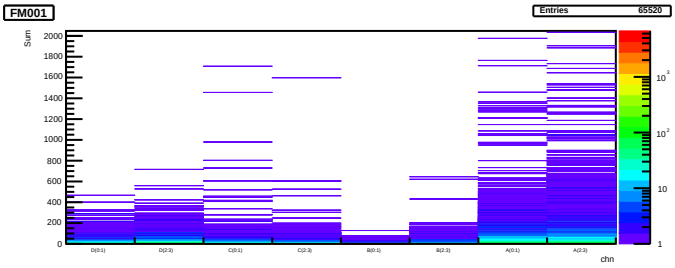

Entries 8190
BBC-S TAC Diff
ZDC TAC Diff

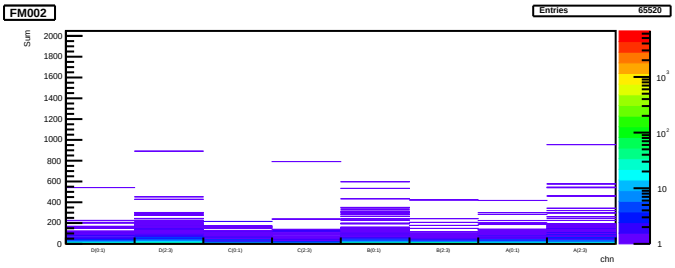

Input to QT1 crate (south-top)
Entries 203457
ADC
channel

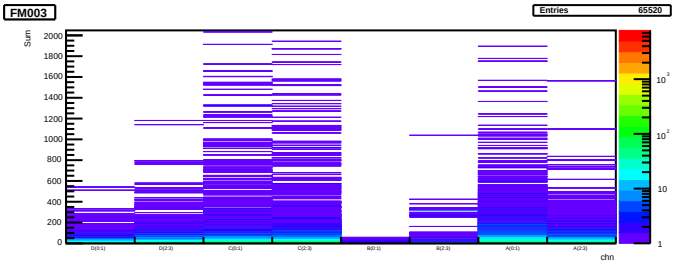

Input to QT3 crate (north-top)
Entries 204247
ADC
channel

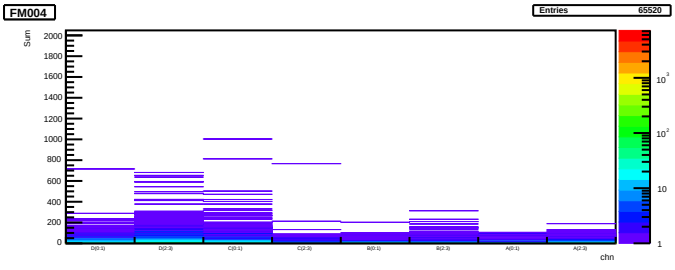

Input to QT2 crate (south-bottom)
Entries 189970
ADC
channel

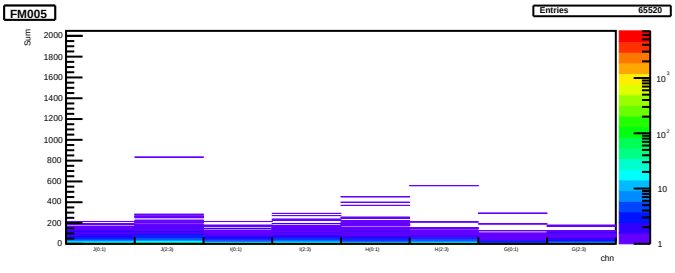

Input to QT4 crate (north-bottom)
Entries 157523
ADC
channel

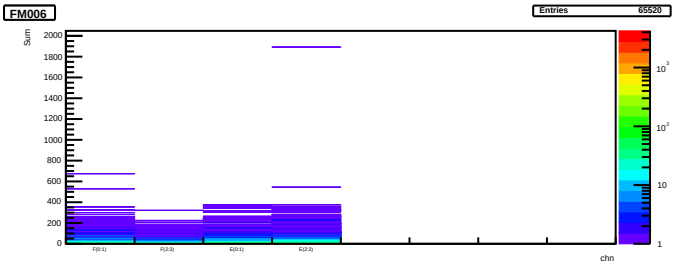

FM001
Entries 65520
Sum
chn

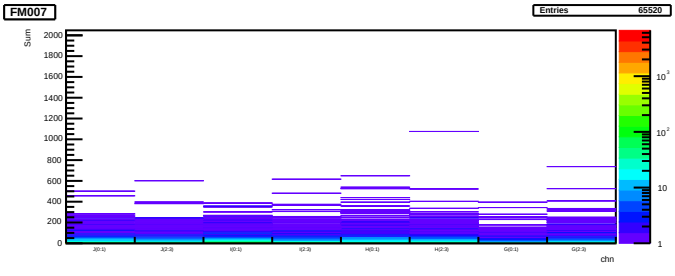

FM002
Entries 65520
Sum
chn

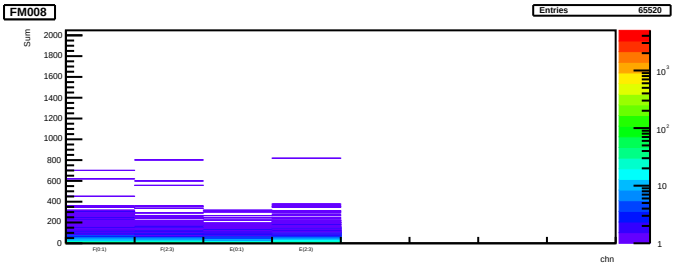

FM003
Entries 65520
Sum
chn

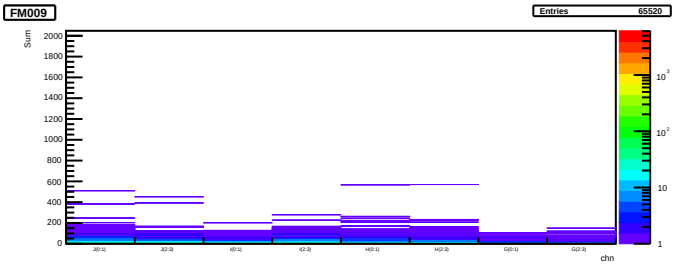

FM004
Entries 65520
Sum
chn

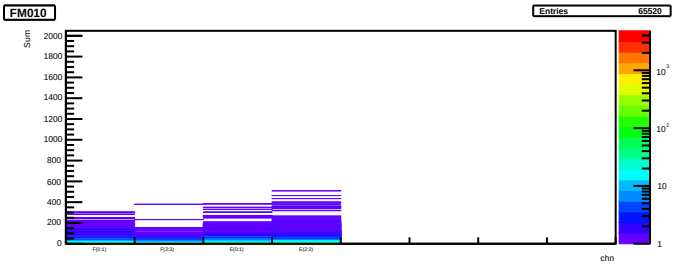

FM005
Entries 65520
Sum
chn

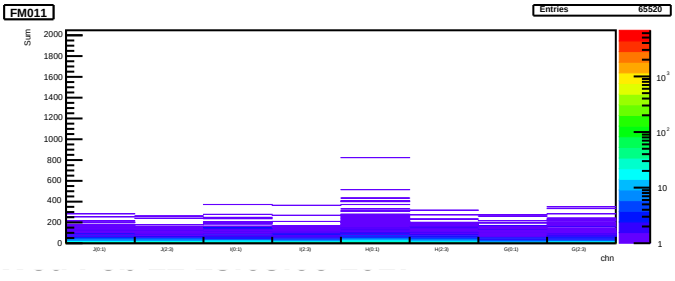

FM006
Entries 65520
Sum
chn

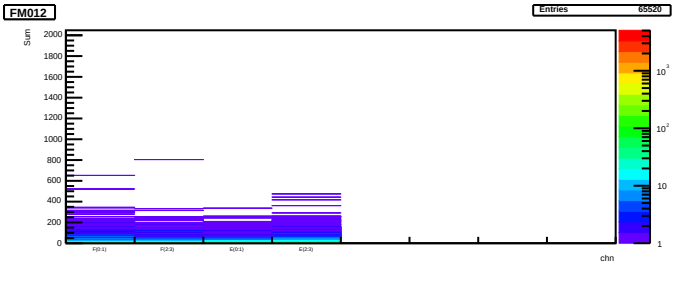

FM007
Entries 65520
Sum
chn

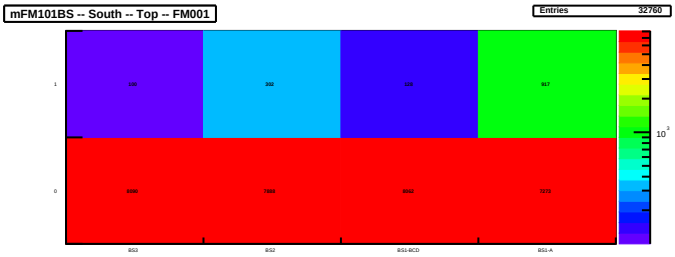

FM008
Entries 65520
Sum
chn

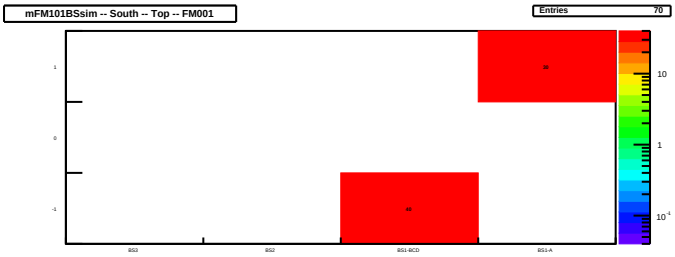

FM009
Entries 65520
Sum
chn

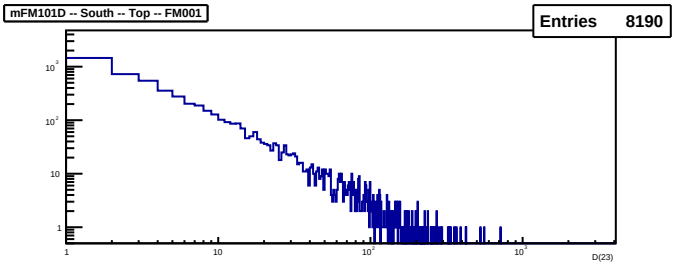

FM010
Entries 65520
Sum
chn

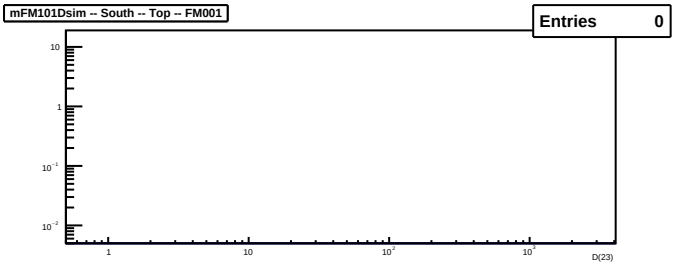

FM011
Entries 65520
Sum
chn

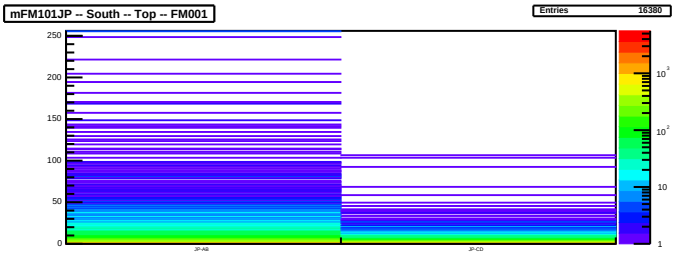

FM012
Entries 65520
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 32760

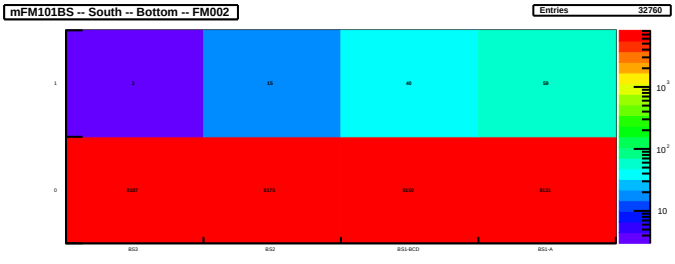

mFM101BSsim -- South -- Top -- FM001
Entries 70

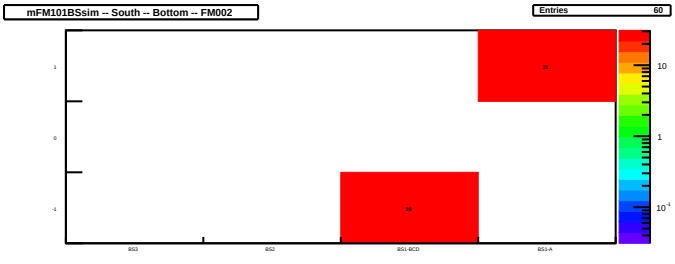

mFM101D -- South -- Top -- FM001
Entries 8190
D(23)

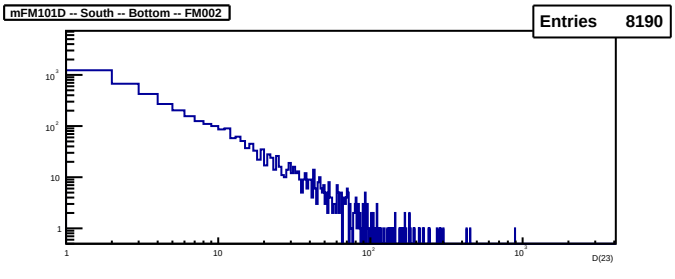

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

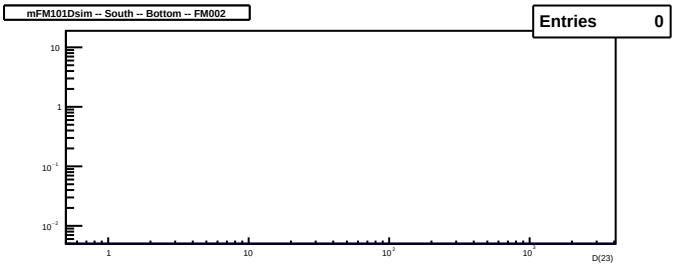

mFM101JP -- South -- Top -- FM001
Entries 16380

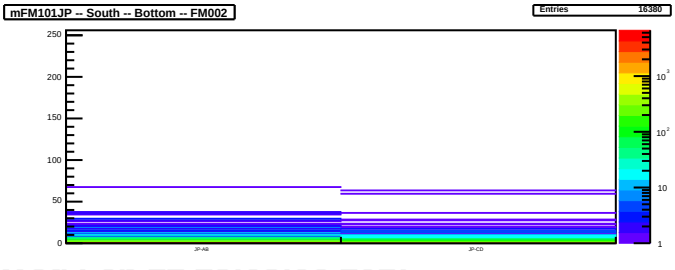
mFM101JPsim -- South -- Top -- FM001
Entries 0

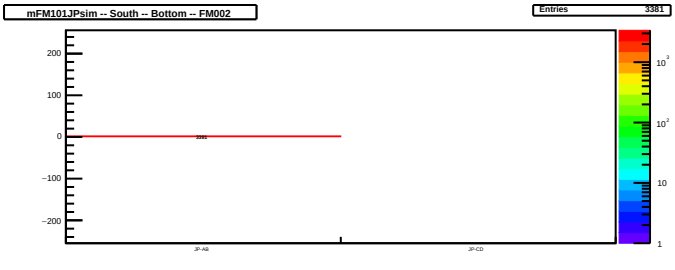

mFM101BS -- South -- Bottom -- FM002
Entries 32760

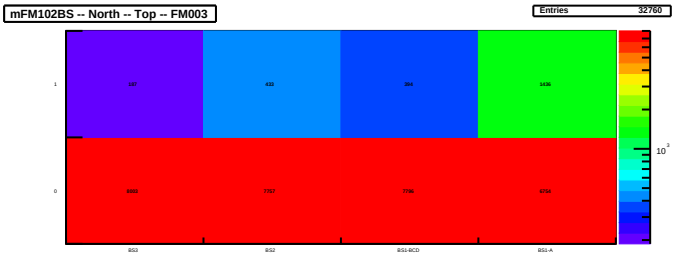

mFM101BSsim -- South -- Bottom -- FM002
Entries 60

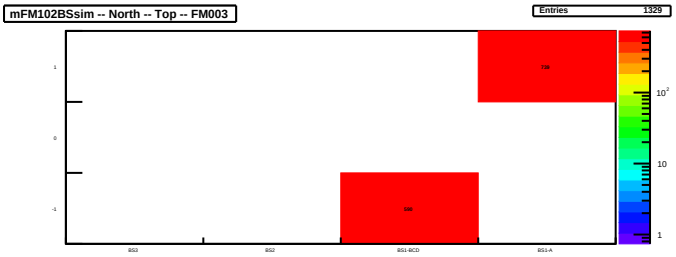

mFM101D -- South -- Bottom -- FM002
Entries 8190
D(23)

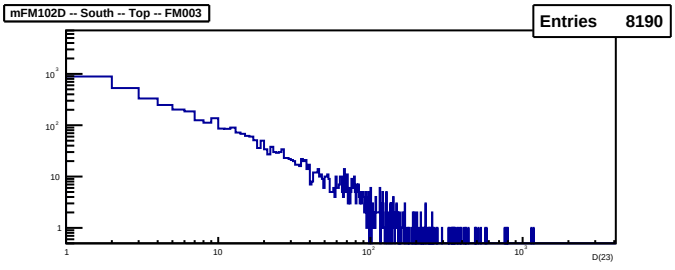

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

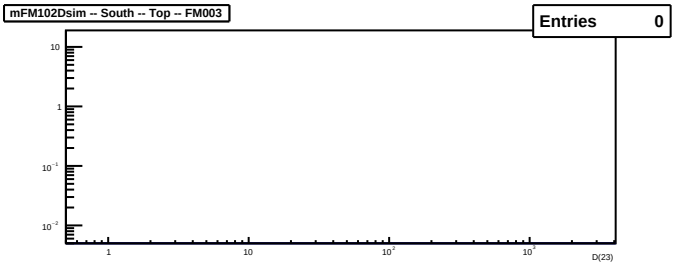

mFM101JP -- South -- Bottom -- FM002
Entries 16380

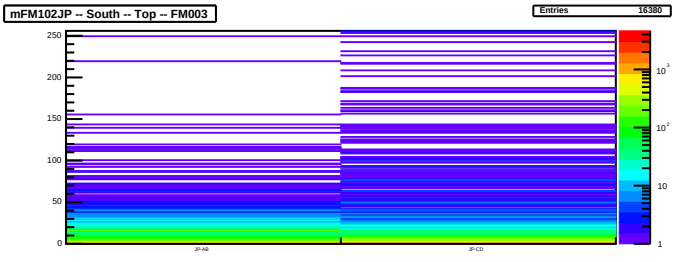

mFM101JPsim -- South -- Bottom -- FM002
Entries 3381


mFM102BS -- North -- Top -- FM003
Entries 32760

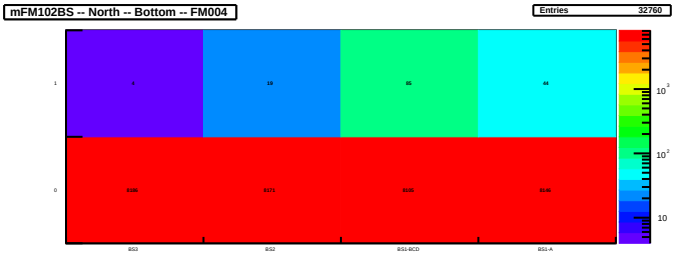

mFM102BSsim -- North -- Top -- FM003
Entries 1329

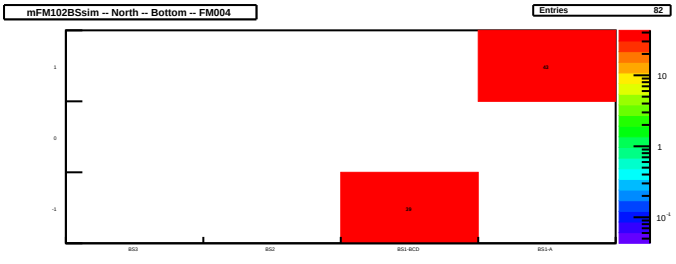

mFM102D -- South -- Top -- FM003
Entries 8190
D(23)

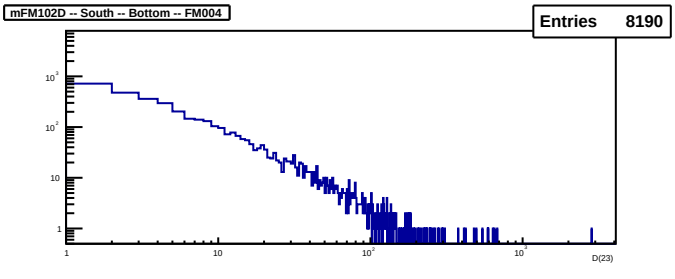

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

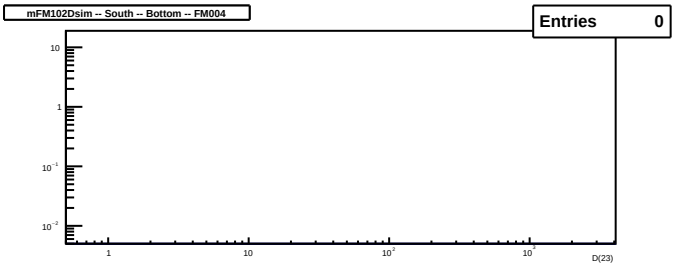

mFM102JP -- South -- Top -- FM003
Entries 16380

mFM102JPsim -- South -- Top -- FM003
Entries 0


mFM102BS -- North -- Bottom -- FM004
Entries 32760


mFM102BSsim -- North -- Bottom -- FM004
Entries 82


mFM102D -- South -- Bottom -- FM004
Entries 8190
D(23)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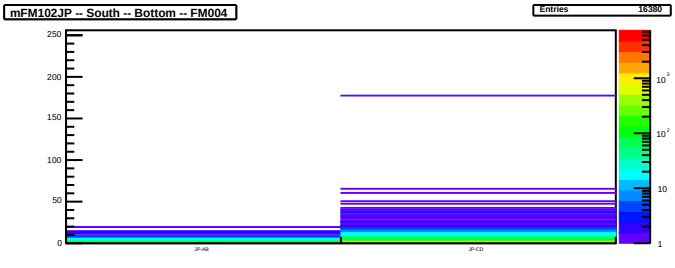
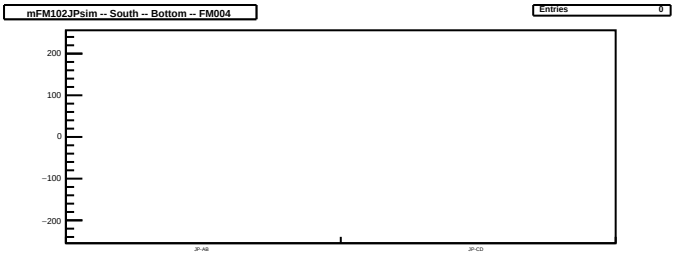
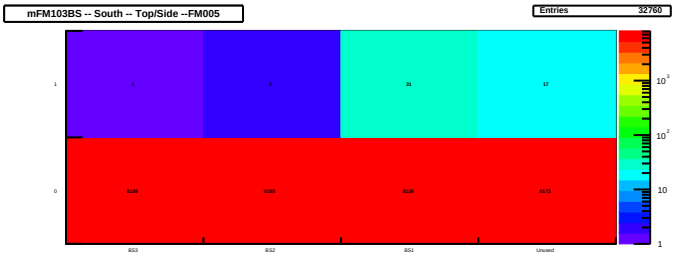
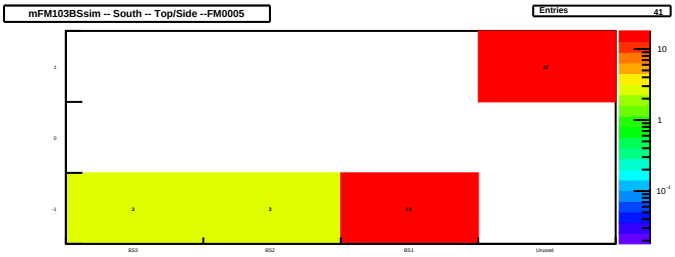
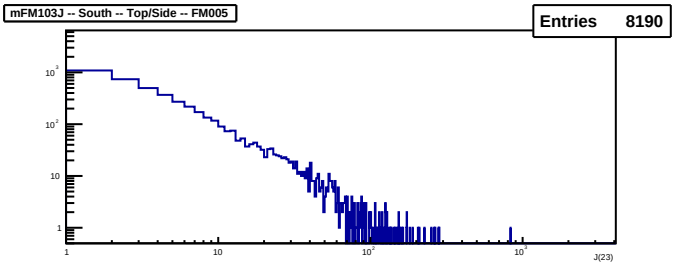
Entries 0
D(23)

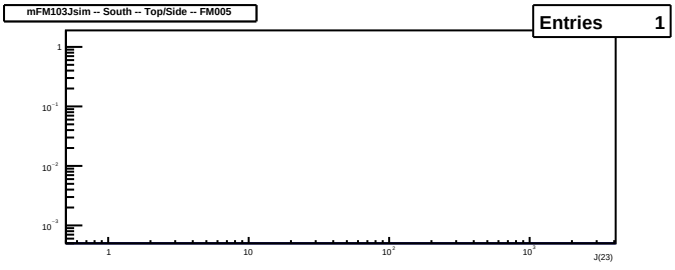

mFM102JP -- South -- Bottom -- FM004
Entries 16380

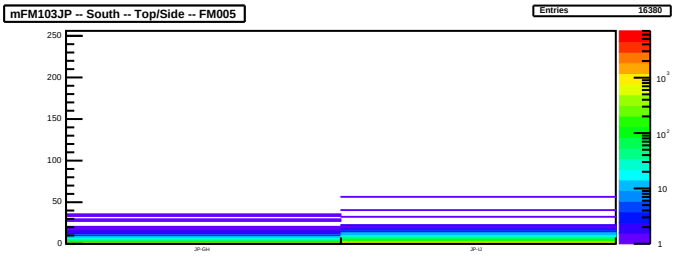

mFM102JPsim -- South -- Bottom -- FM004
Entries 0

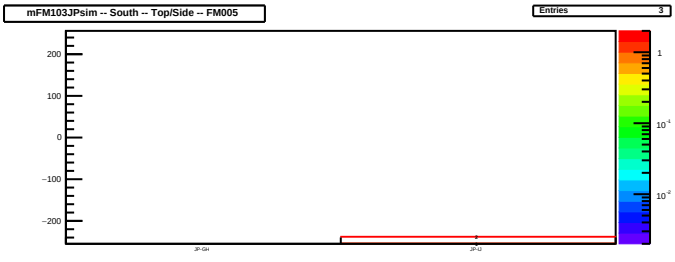

mFM103BS -- South -- Top/Side --FM005
Entries 32760

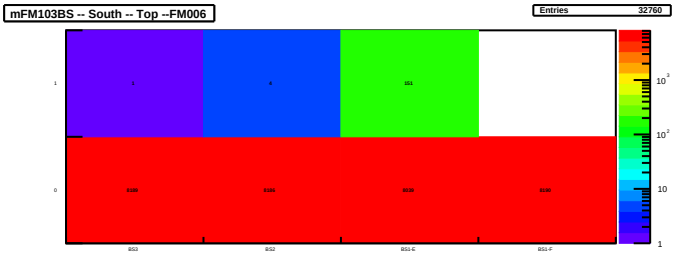

mFM103BSsim -- South -- Top/Side --FM0005
Entries 41

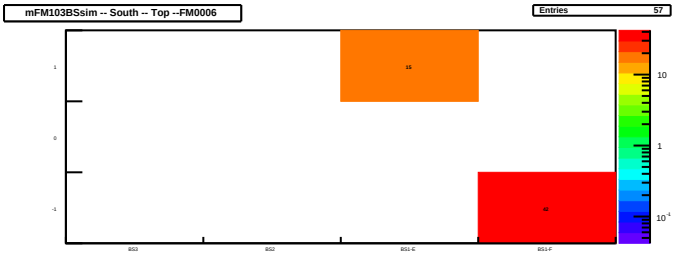

mFM103J -- South -- Top/Side -- FM005
Entries 8190
J(23)

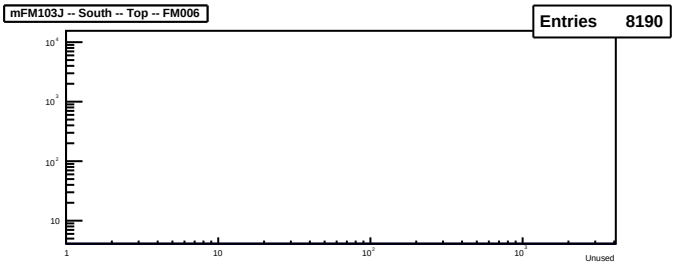

mFM103Jsim -- South -- Top/Side -- FM005
Entries 1
J(23)

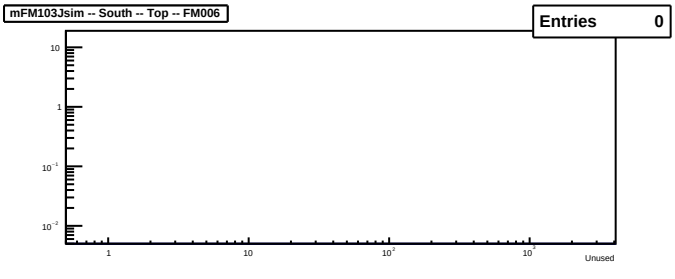

mFM103JP -- South -- Top/Side -- FM005
Entries 16380

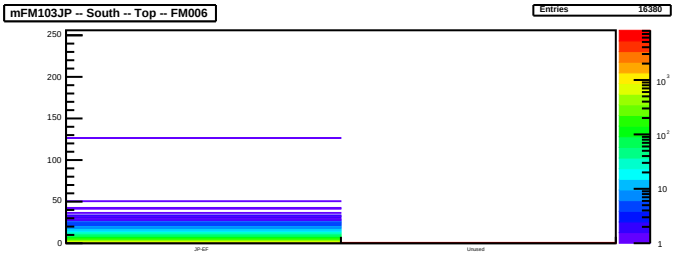

mFM103JPsim -- South -- Top/Side -- FM005
Entries 3

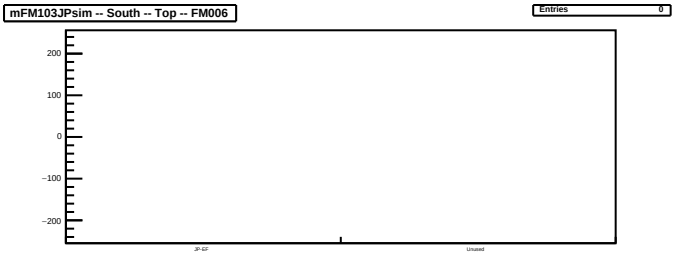

mFM103BS -- South -- Top --FM006
Entries 32760

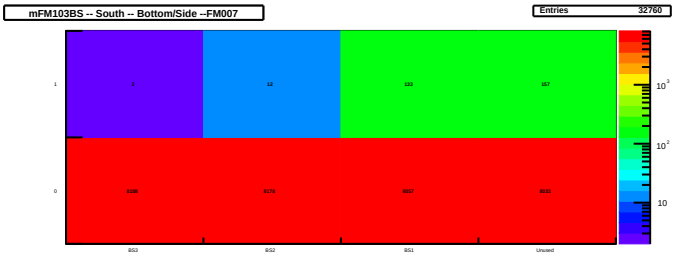

mFM103BSsim -- South -- Top --FM0006
Entries 57

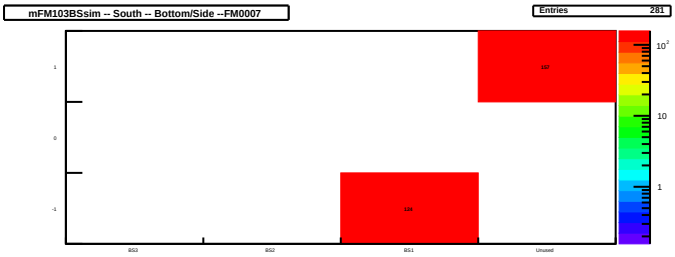

mFM103J -- South -- Top -- FM006
Entries 8190
Unused

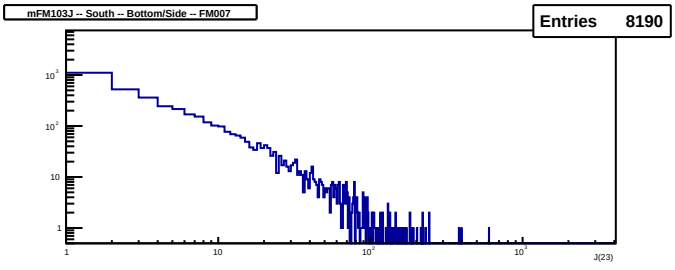

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

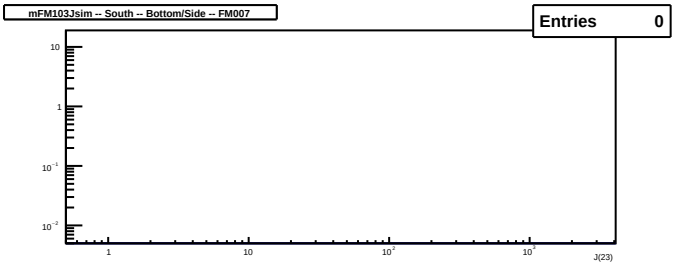

mFM103JP -- South -- Top -- FM006
Entries 16380

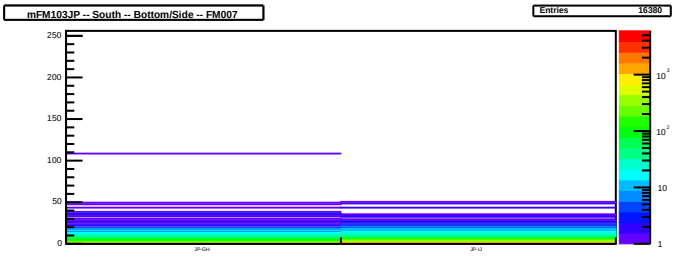

mFM103JPsim -- South -- Top -- FM006
Entries 0

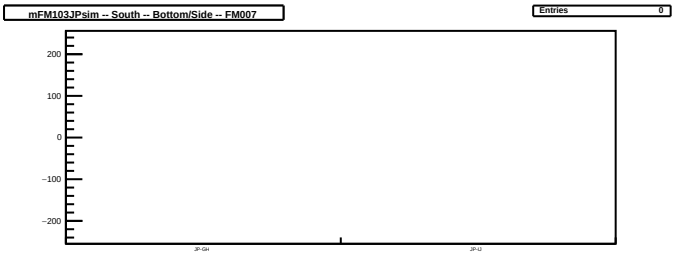

mFM103BS -- South -- Bottom/Side --FM007
Entries 32760
BS3
BS2
BS1
Unused

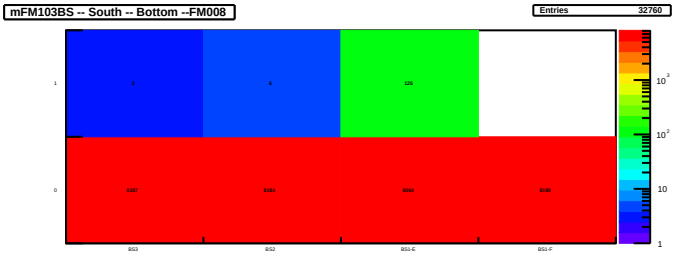

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 281
BS3
BS2
BS1
Unused

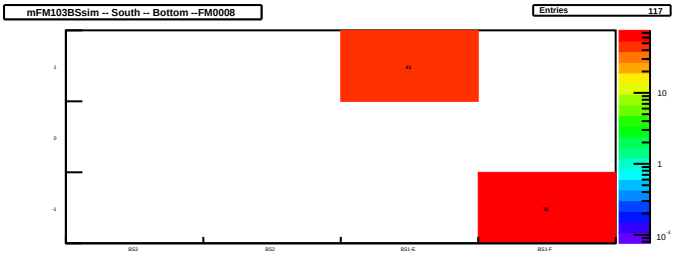

mFM103J -- South -- Bottom/Side -- FM007
Entries 8190
J(23)

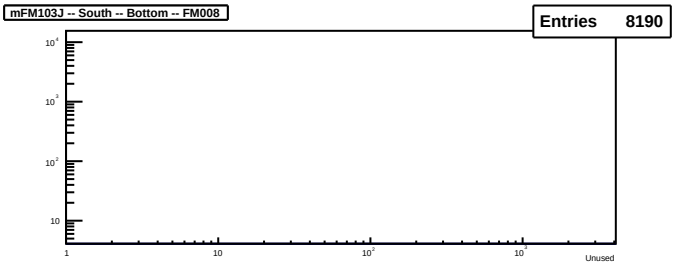

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

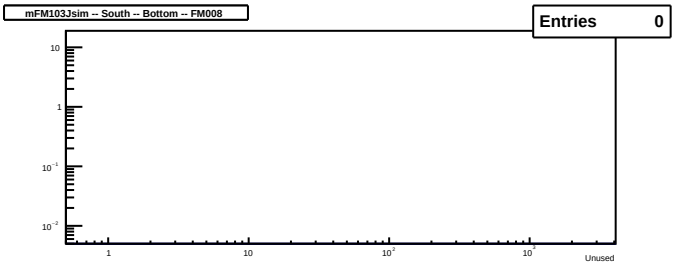

mFM103JP -- South -- Bottom/Side -- FM007
Entries 16380
JP-GH
JP-IJ

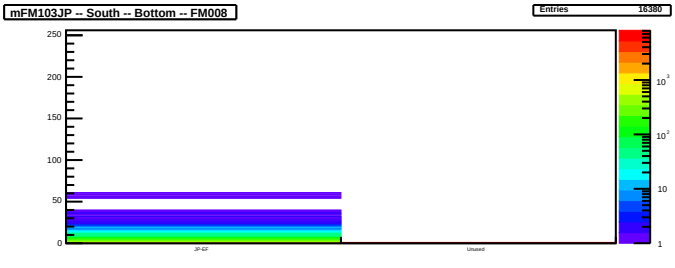

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ

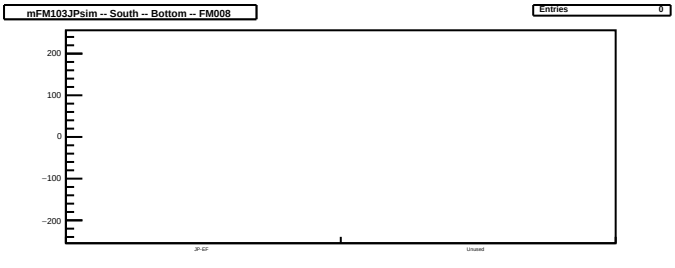

mFM103BS -- South -- Bottom --FM008
Entries 32760
BS3
BS2
BS1-E
BS1-F

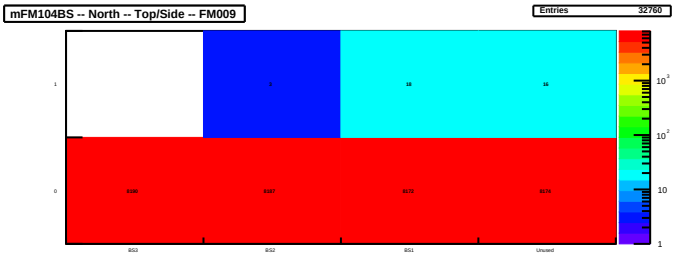

mFM103BSsim -- South -- Bottom --FM0008
Entries 117
BS3
BS2
BS1-E
BS1-F

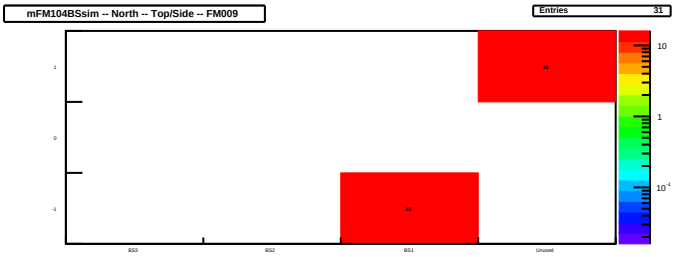

mFM103J -- South -- Bottom -- FM008
Entries 8190
Unused

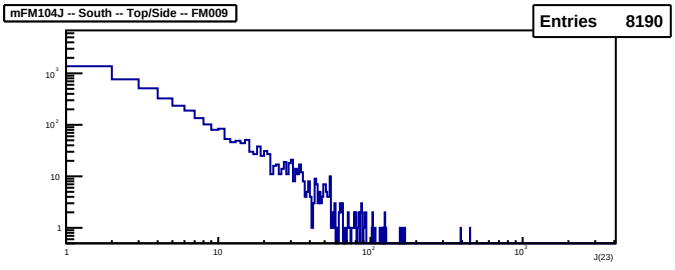

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

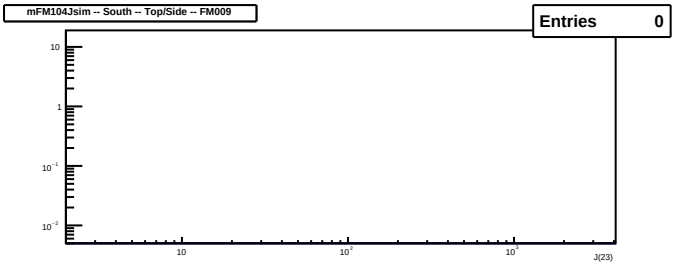

mFM103JP -- South -- Bottom -- FM008
Entries 16380
JP-EF
Unused

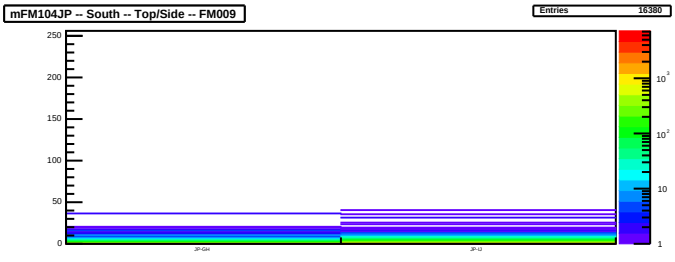

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

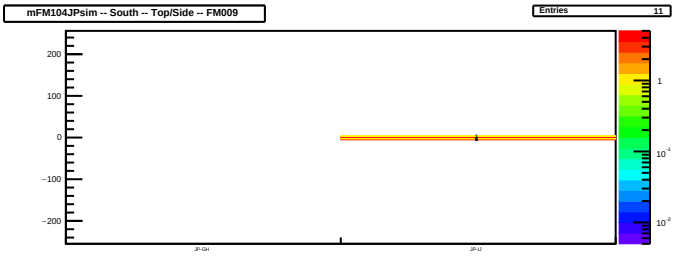

mFM104BS -- North -- Top/Side -- FM009
Entries 32760

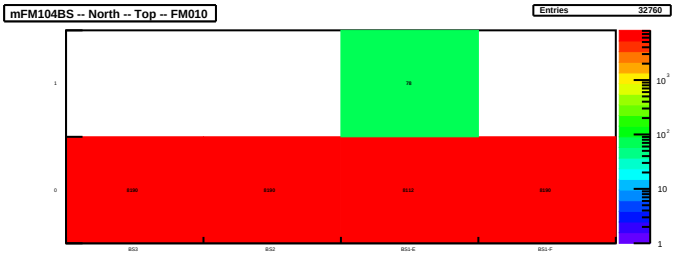

mFM104BSsim -- North -- Top/Side -- FM009
Entries 31

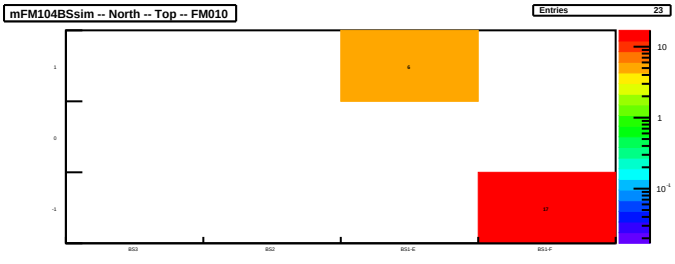

mFM104J -- South -- Top/Side -- FM009
Entries 8190
J(23)

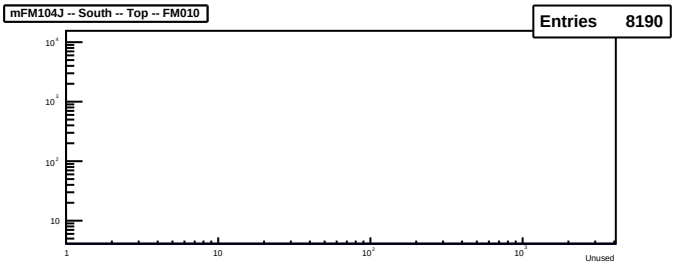

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

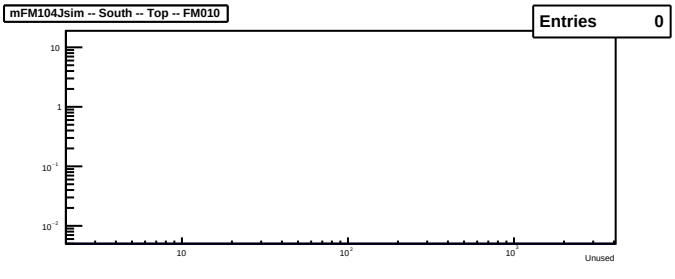

mFM104JP -- South -- Top/Side -- FM009
Entries 16380

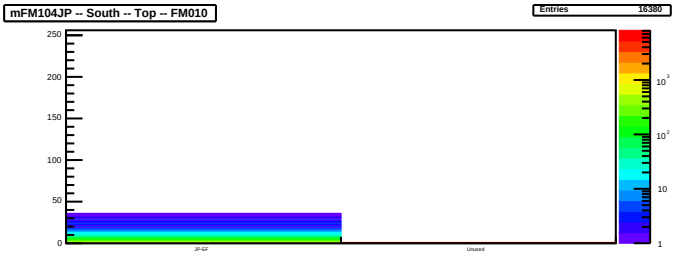

mFM104JPsim -- South -- Top/Side -- FM009
Entries 11

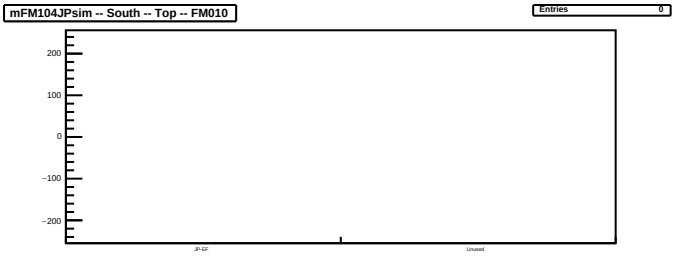

mFM104BS -- North -- Top -- FM010
Entries 32760

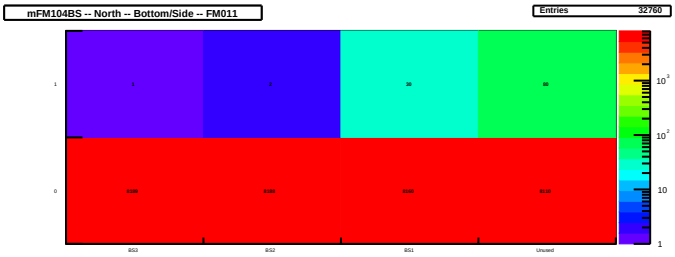

mFM104BSsim -- North -- Top -- FM010
Entries 23

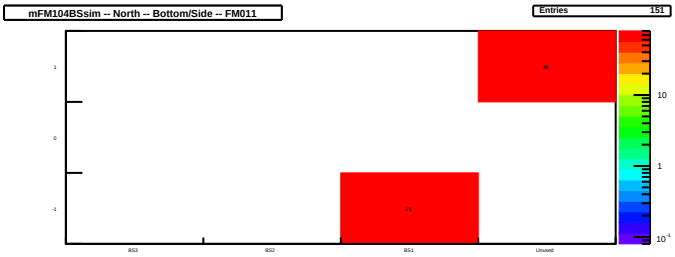

mFM104J -- South -- Top -- FM010
Entries 8190
Unused

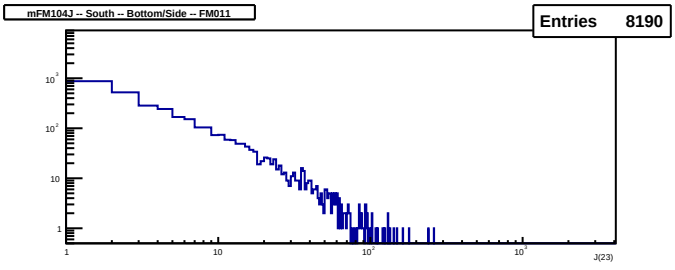

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

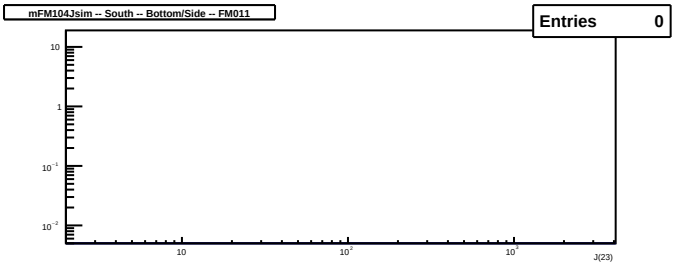

mFM104JP -- South -- Top -- FM010
Entries 16380

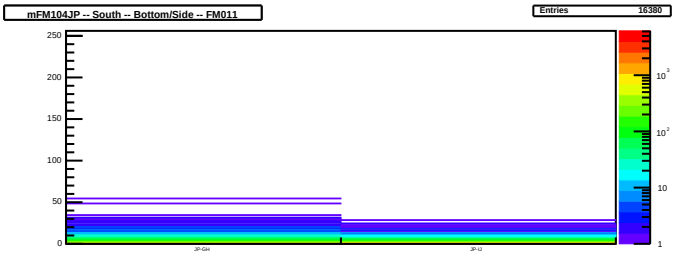

mFM104JPsim -- South -- Top -- FM010
Entries 0

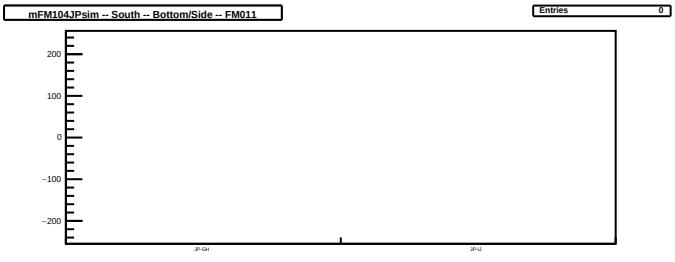

mFM104BS -- North -- Bottom/Side -- FM011
Entries 32760

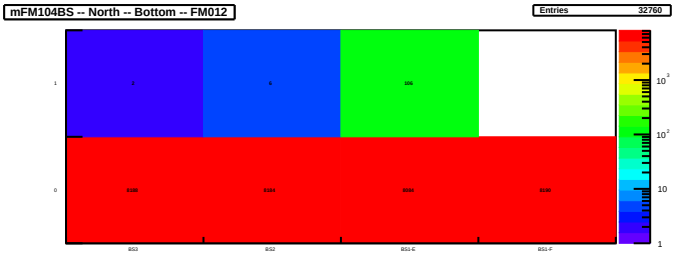

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 151

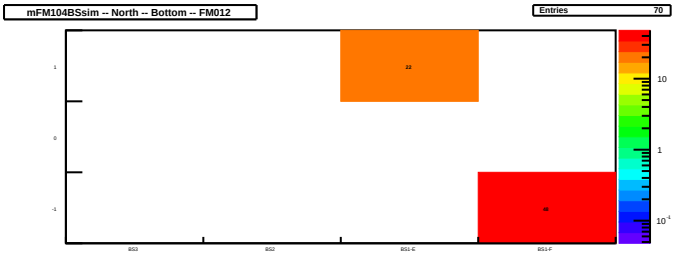

mFM104J -- South -- Bottom/Side -- FM011
Entries 8190
J(23)

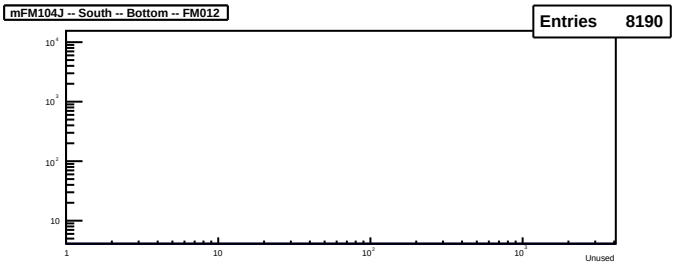

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

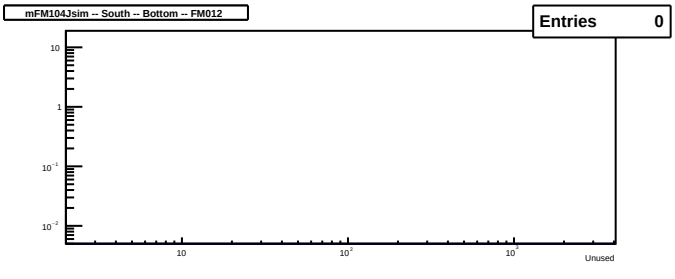

mFM104JP -- South -- Bottom/Side -- FM011
Entries 16380

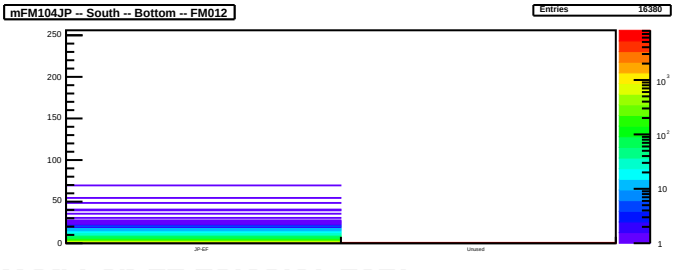

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0

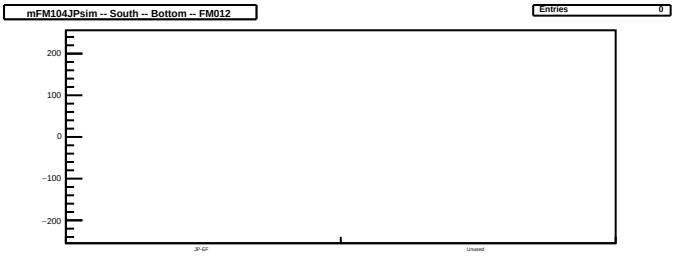

mFM104BS -- North -- Bottom -- FM012
Entries 32760

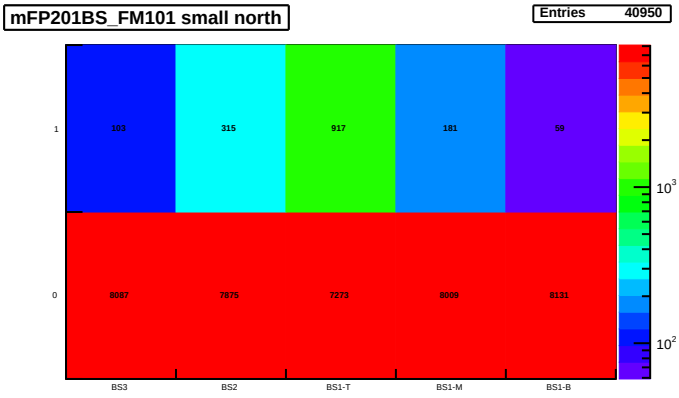

mFM104BSsim -- North -- Bottom -- FM012
Entries 70

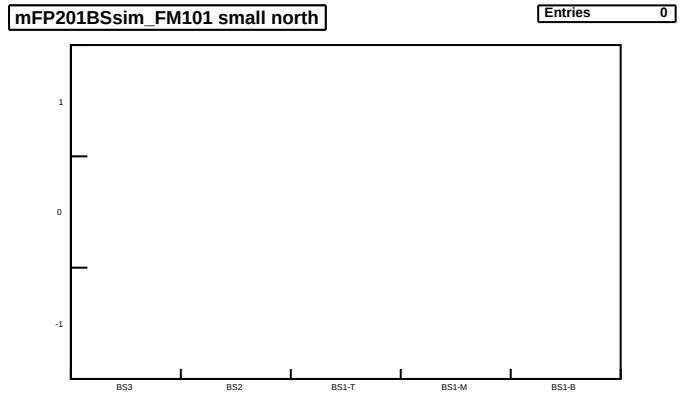

mFM104J -- South -- Bottom -- FM012
Entries 8190
Unused

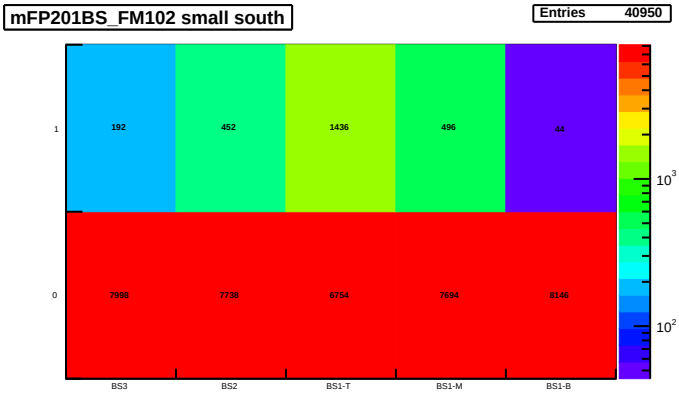

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

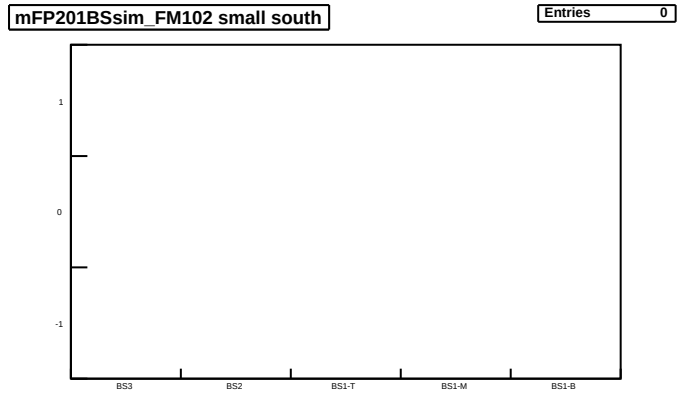

mFM104JP -- South -- Bottom -- FM012
Entries 16380

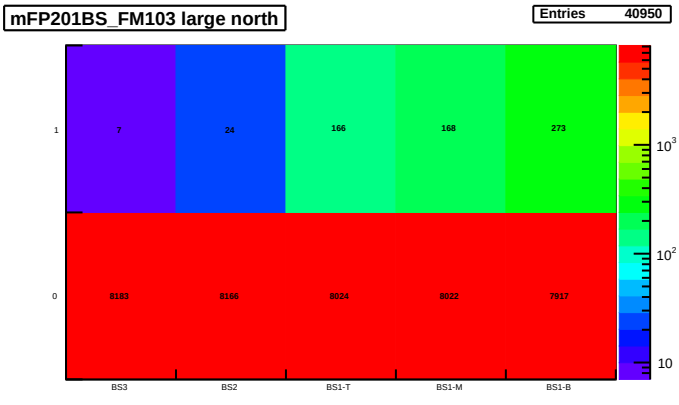

mFM104JPsim -- South -- Bottom -- FM012
Entries 0

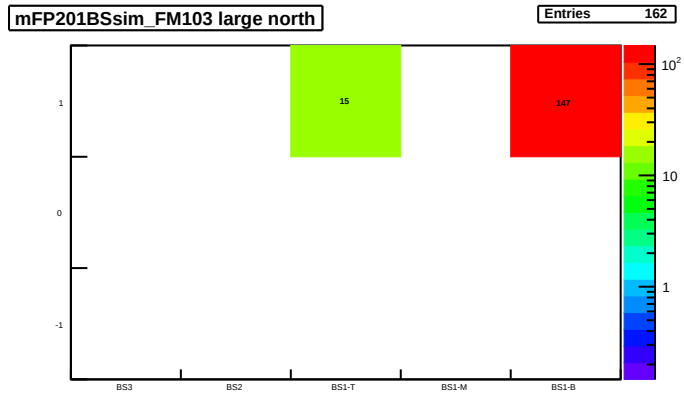

mFP201BS_FM101 small north
Entries 40950
103
315
917
181
59
8087
7875
7273
8009
8131
BS3
BS2
BS1-T
BS1-M
BS1-B

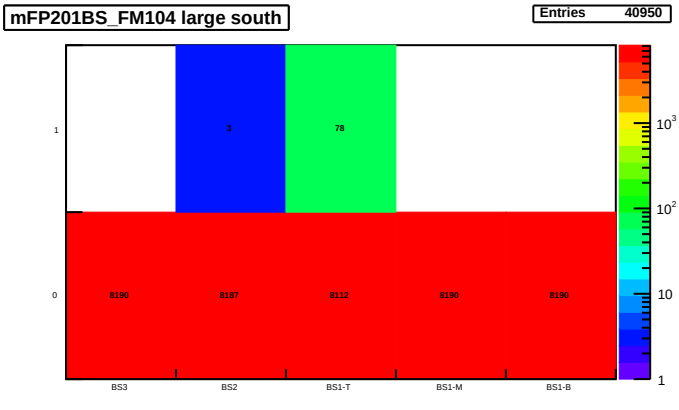

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

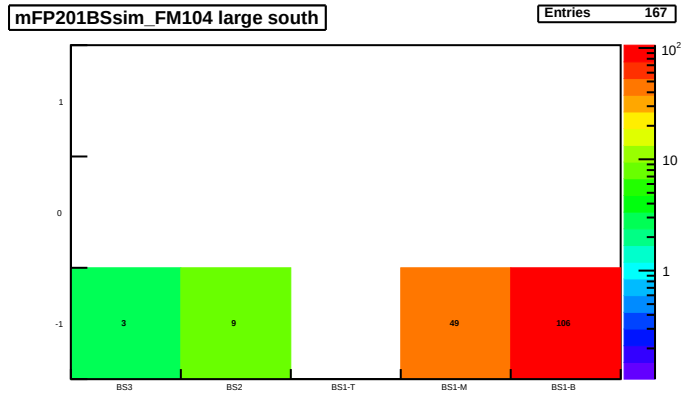

mFP201BS_FM102 small south
Entries 40950
192
452
1436
496
44
7998
7738
6754
7694
8146
BS3
BS2
BS1-T
BS1-M
BS1-B

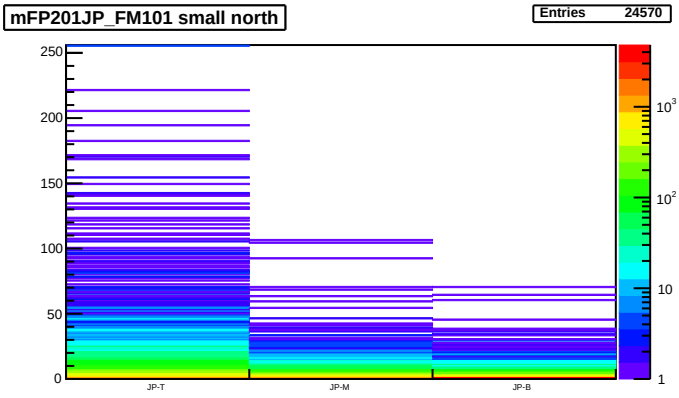

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

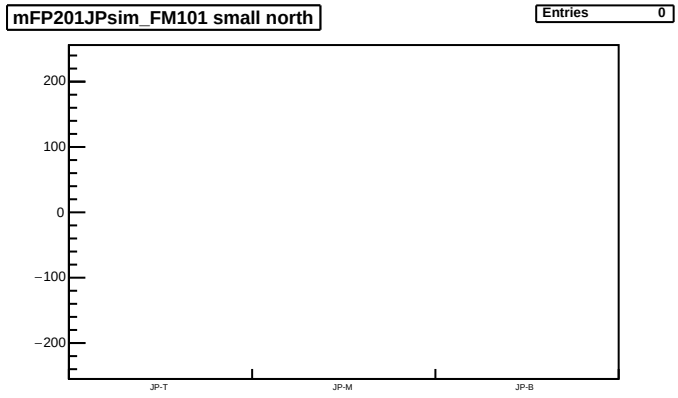

mFP201BS_FM103 large north
Entries 40950
7
24
166
168
273
8183
8166
8024
8022
7917
BS3
BS2
BS1-T
BS1-M
BS1-B

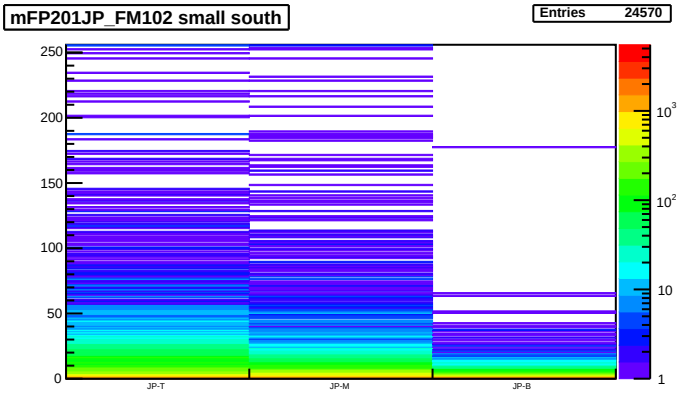

mFP201BSsim_FM103 large north
Entries 162
15
147
BS3
BS2
BS1-T
BS1-M
BS1-B

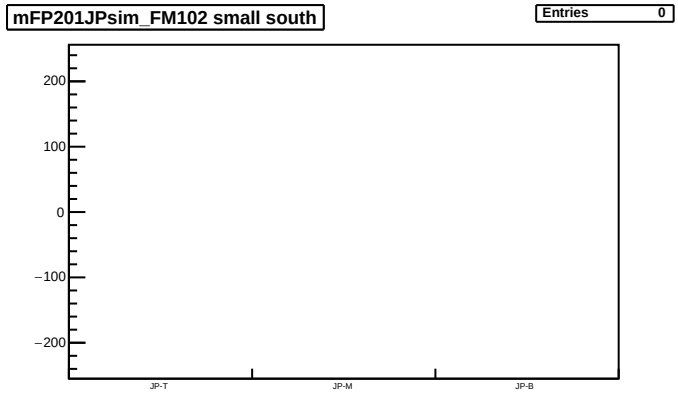

mFP201BS_FM104 large south
Entries 40950
3
78
8190
8187
8112
8190
8190
BS3
BS2
BS1-T
BS1-M
BS1-B

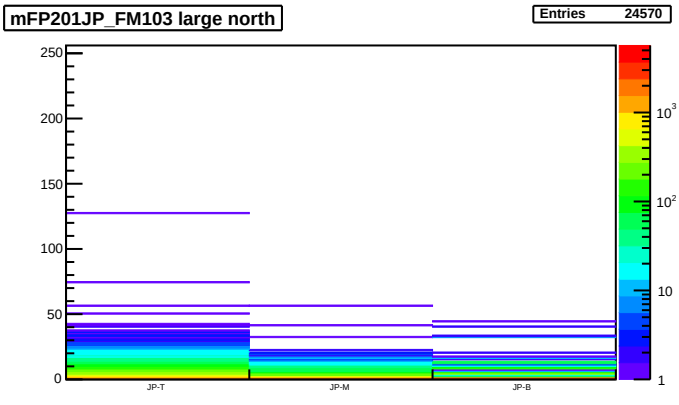

mFP201BSsim_FM104 large south
Entries 167
3
9
49
106
BS3
BS2
BS1-T
BS1-M
BS1-B

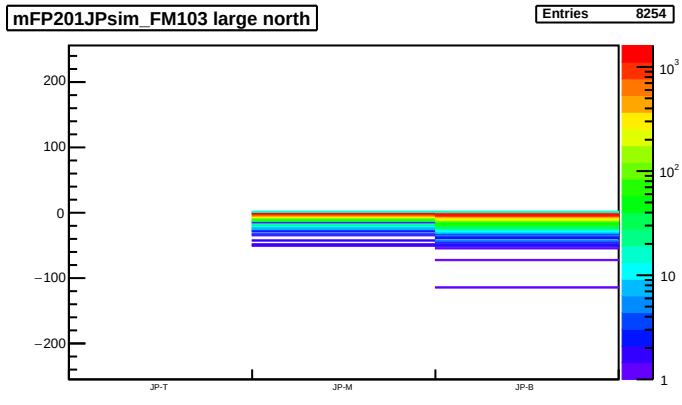

mFP201JP_FM101 small north
Entries 24570
JP-T
JP-M
JP-B

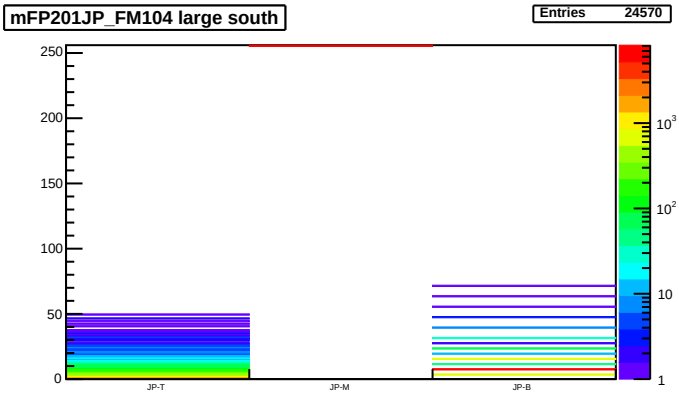

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

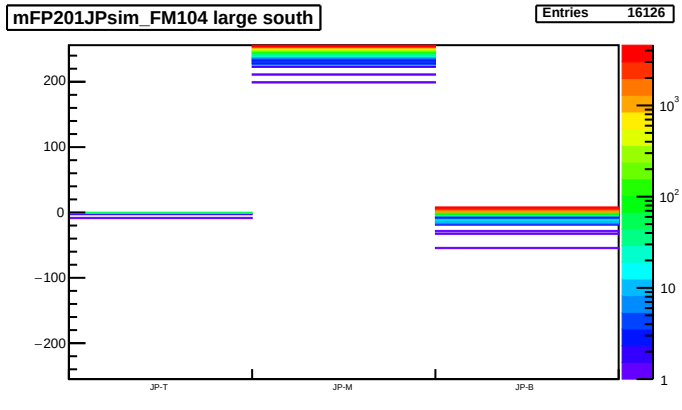

mFP201JP_FM102 small south
Entries 24570
JP-T
JP-M
JP-B

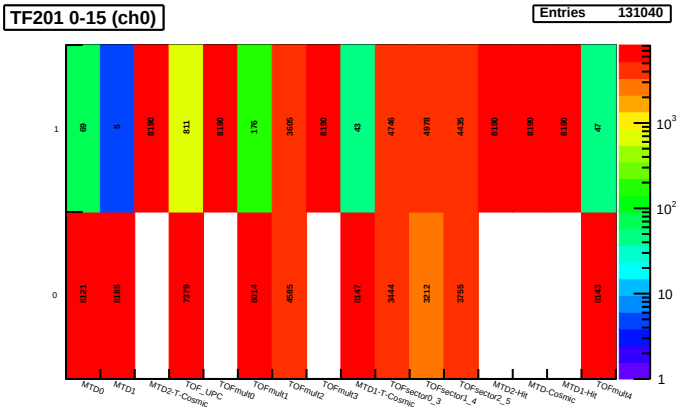

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

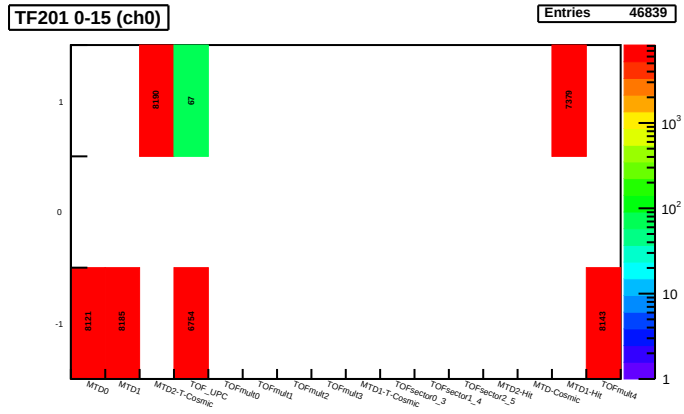

mFP201JP_FM103 large north
Entries 24570
JP-T
JP-M
JP-B

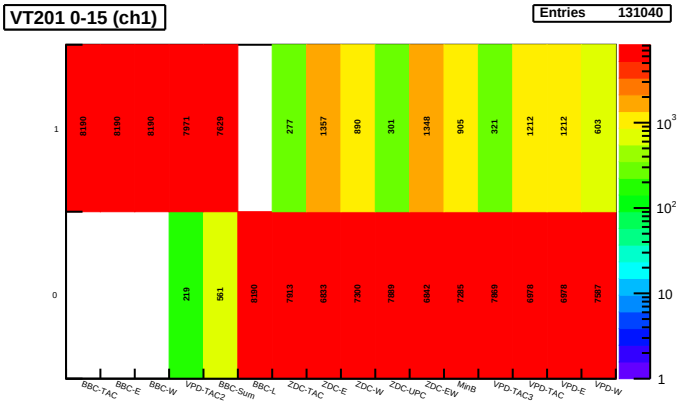

mFP201JPsim_FM103 large north
Entries 8254
JP-T
JP-M
JP-B

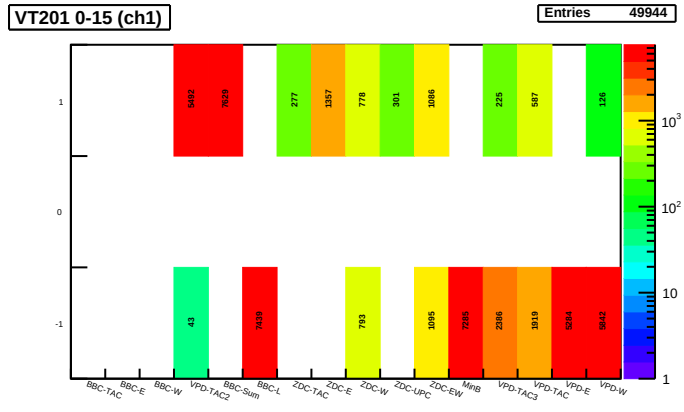

mFP201JP_FM104 large south
Entries 24570
JP-T
JP-M
JP-B

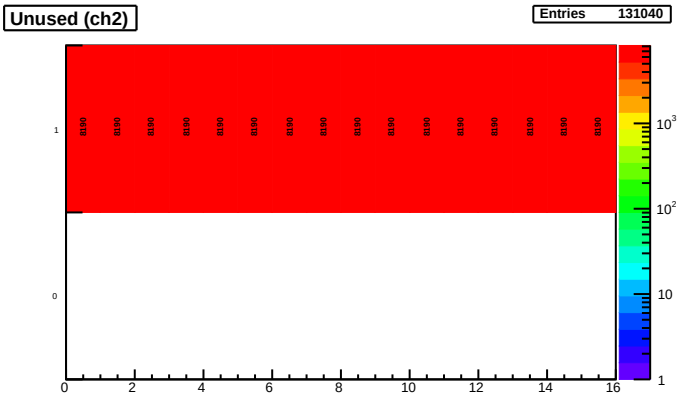

mFP201JPsim_FM104 large south
Entries 16126
JP-T
JP-M
JP-B

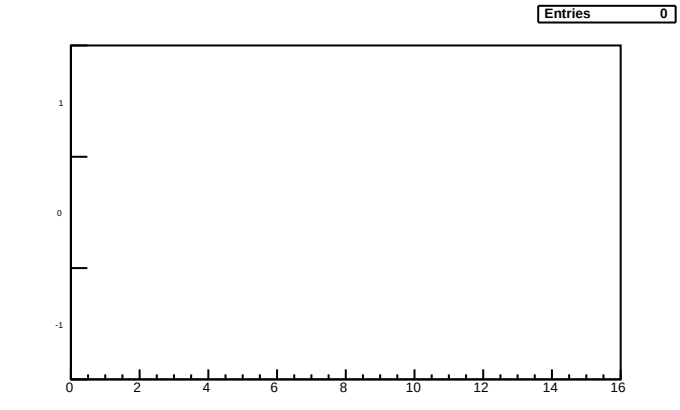

TF201 0-15 (ch0)
Entries 131040
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

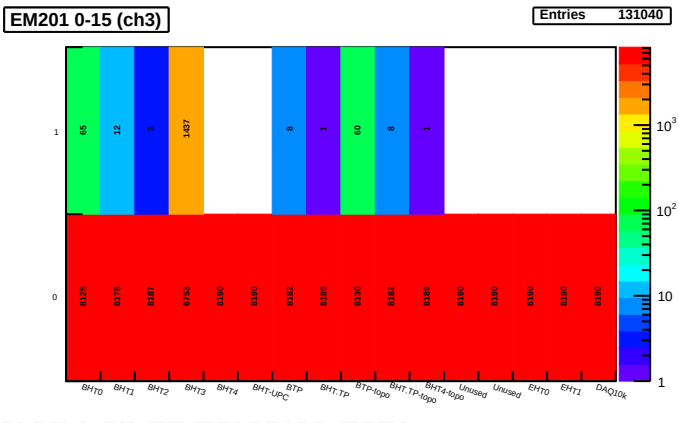

TF201 0-15 (ch0)
Entries 46839
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

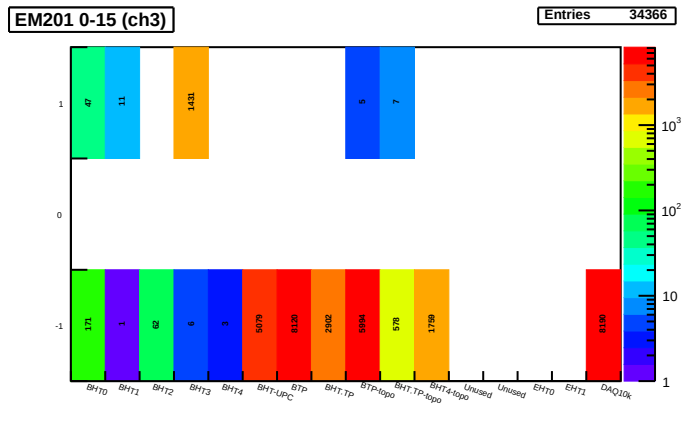

VT201 0-15 (ch1)
Entries 131040
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W


VT201 0-15 (ch1)
Entries 49944
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

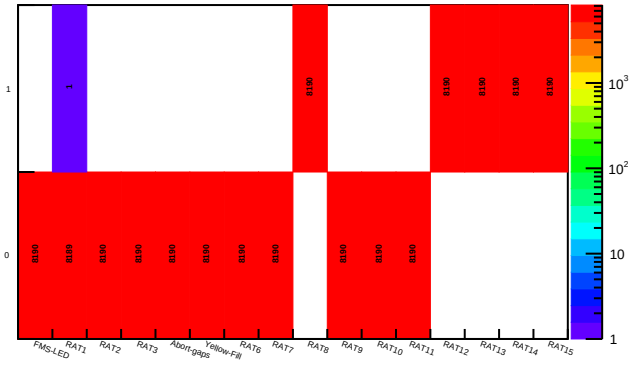

Unused (ch2)
Entries 131040

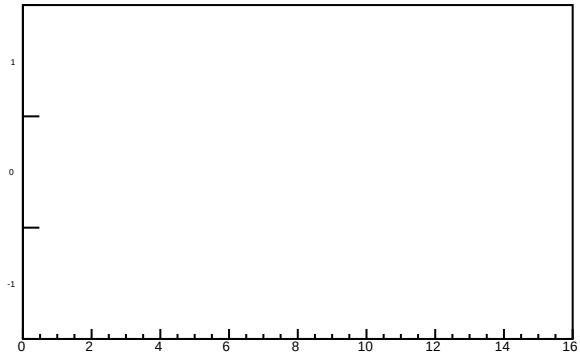

Entries 0


EM201 0-15 (ch3)
Entries 131040
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

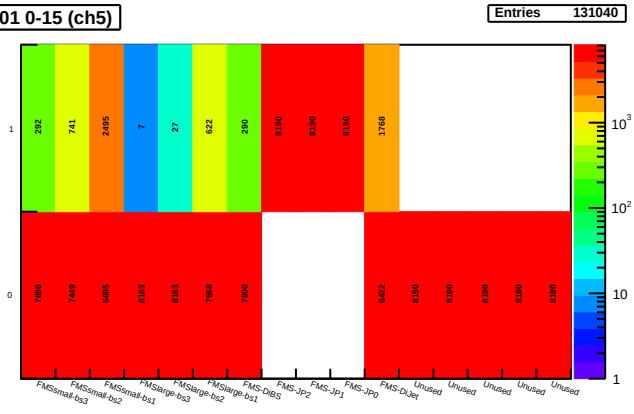

EM201 0-15 (ch3)
Entries 34366
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

RAT board (ch4)

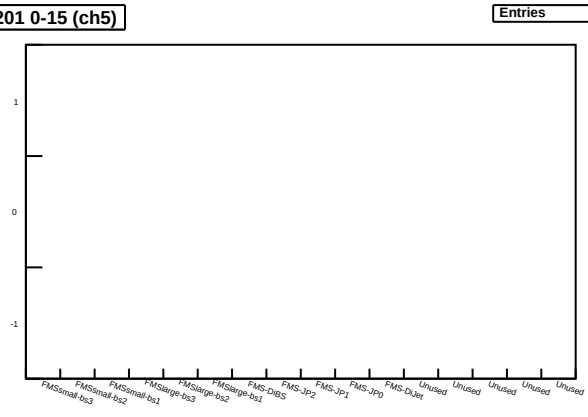




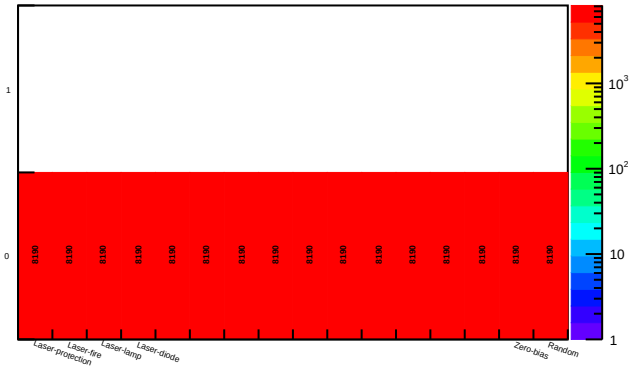
FP201 0-15 (ch5)

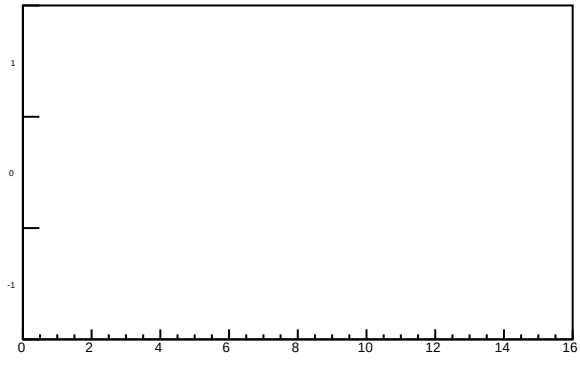
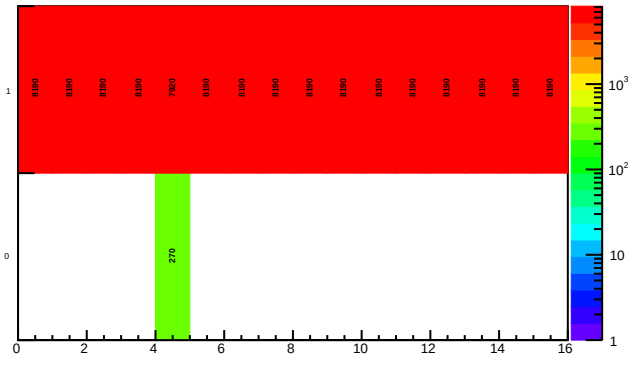
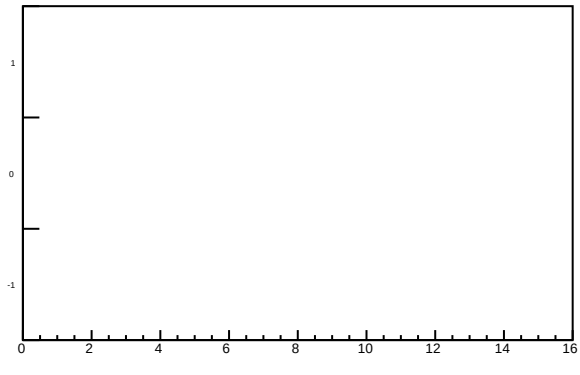


FP201 0-15 (ch5)



ST201 0-15 (ch6)





Unused (ch7)