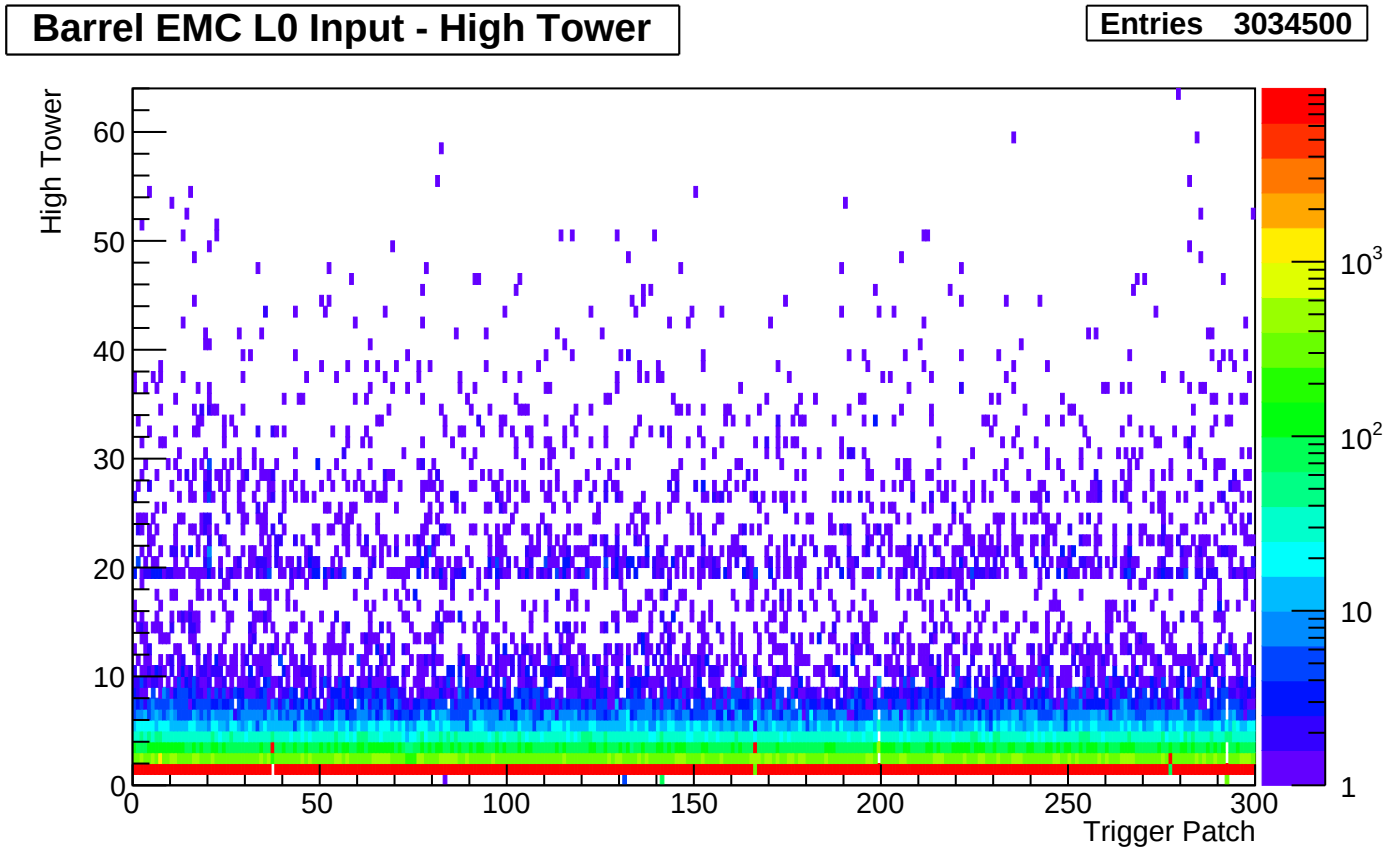
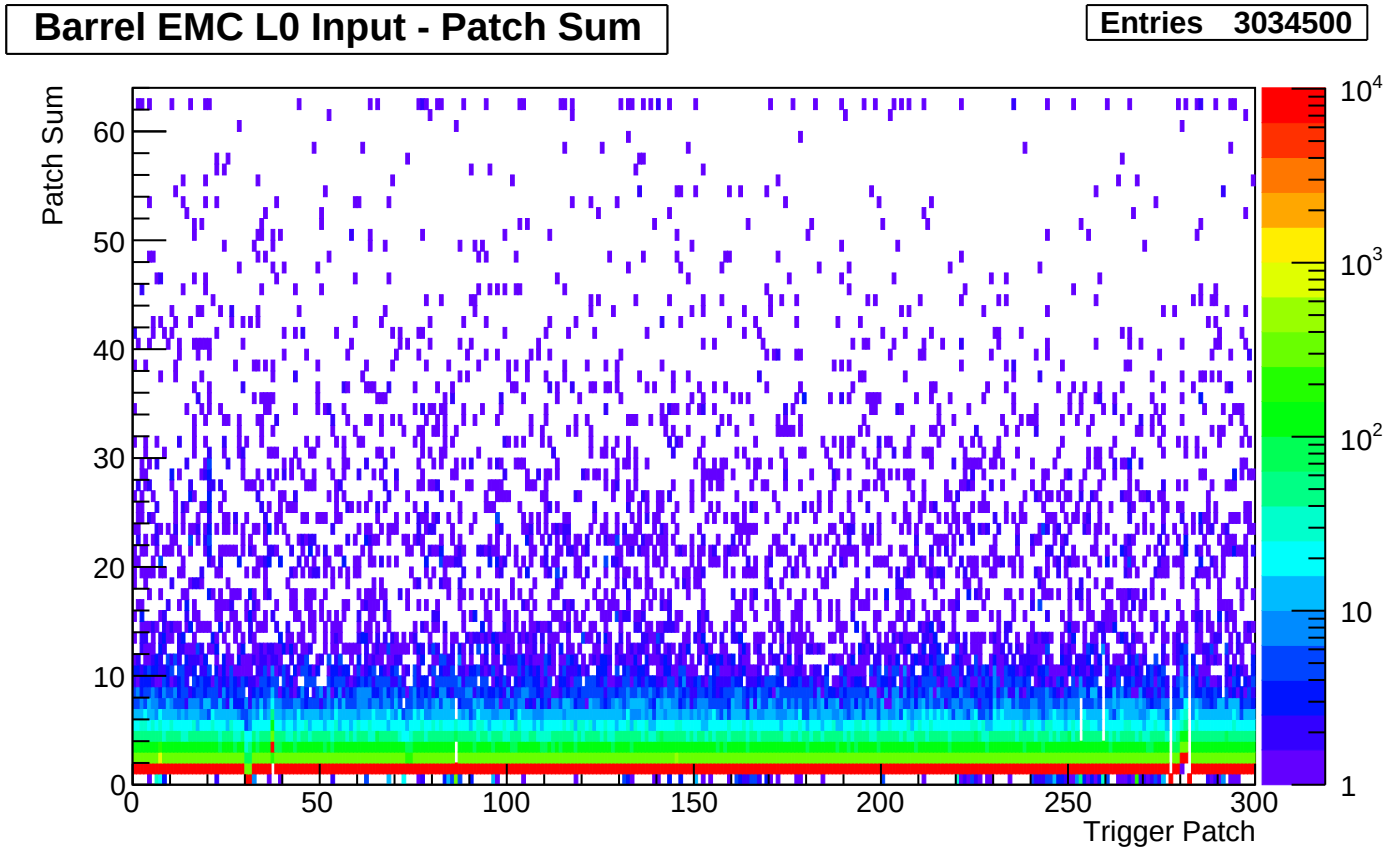
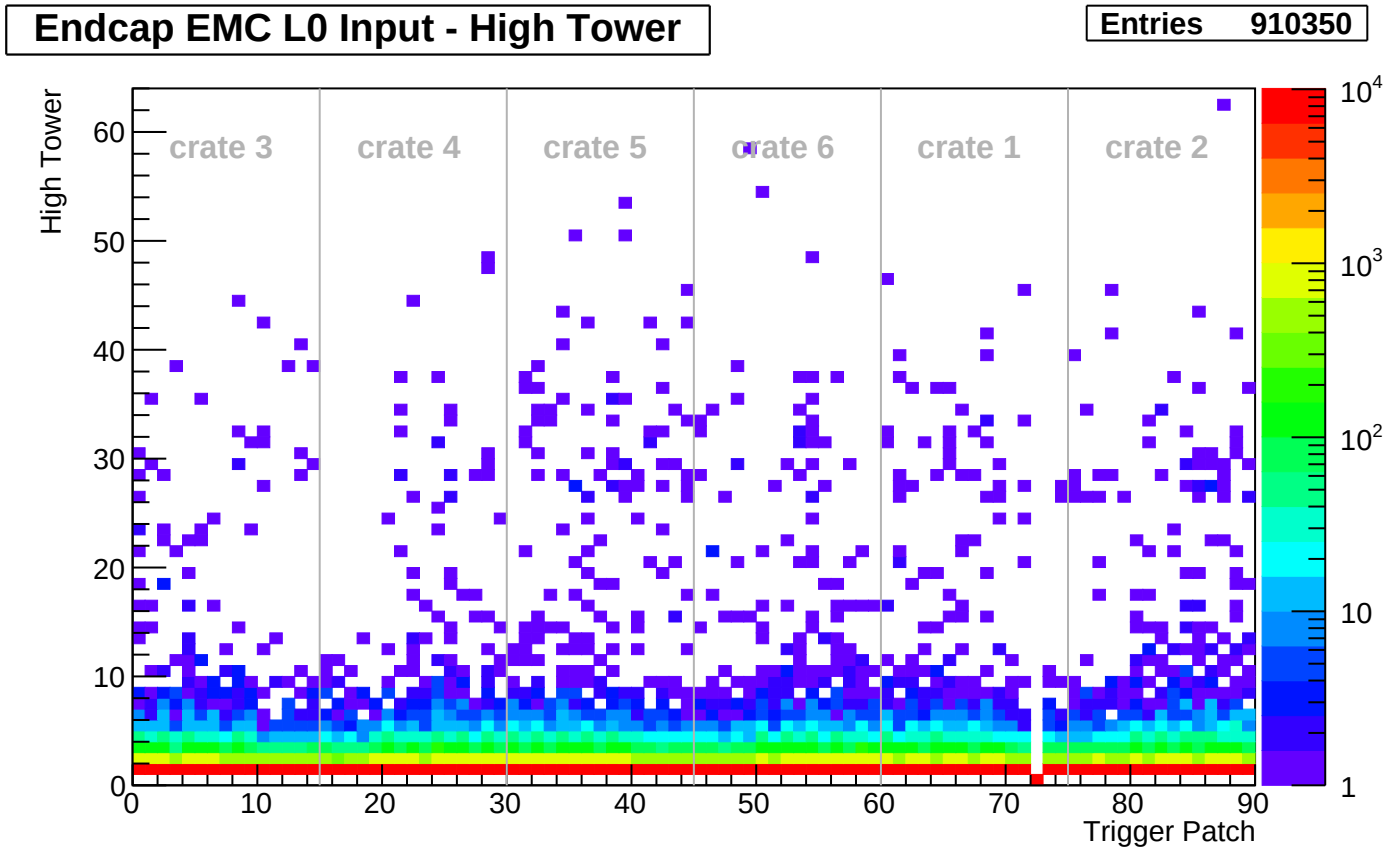
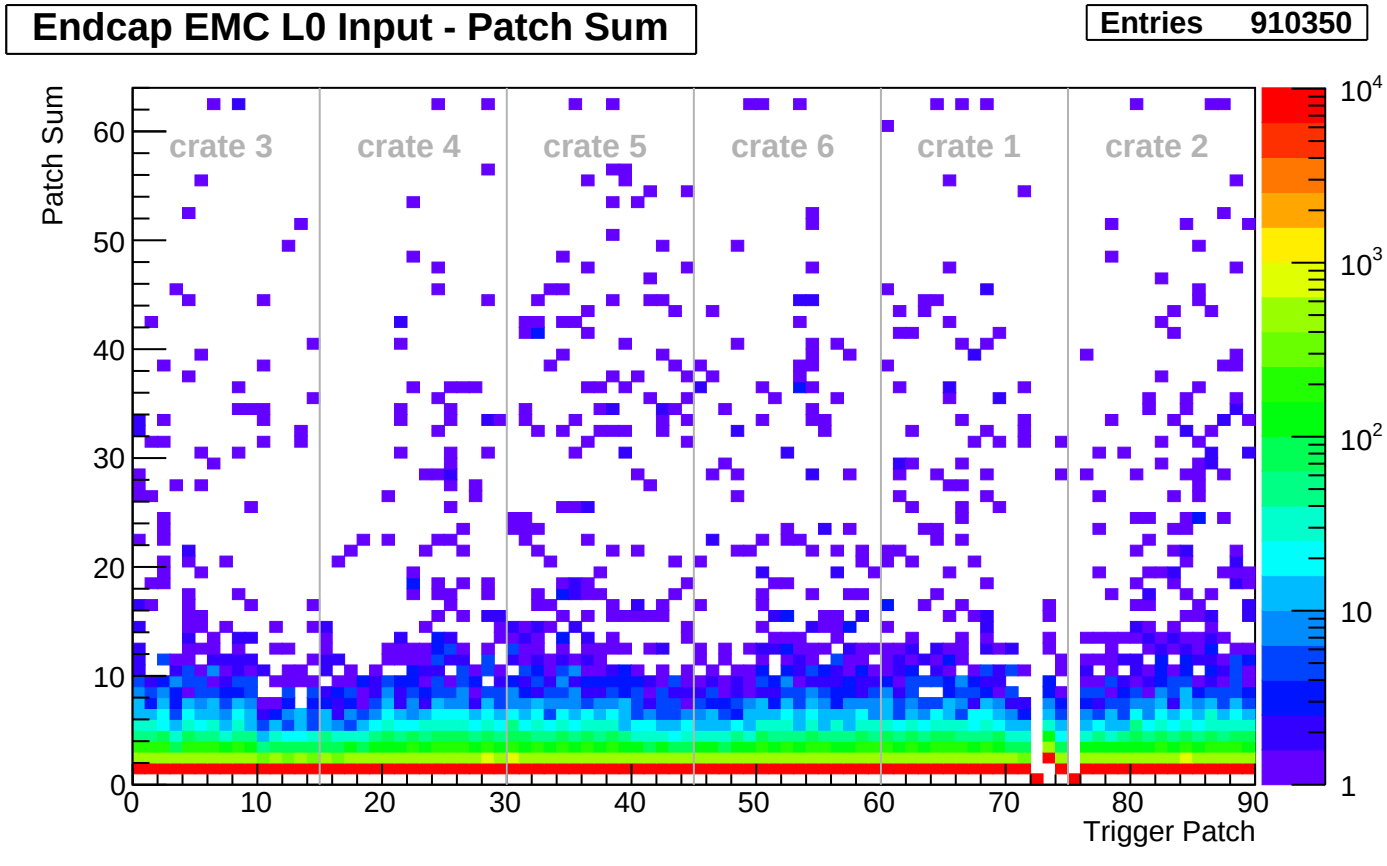
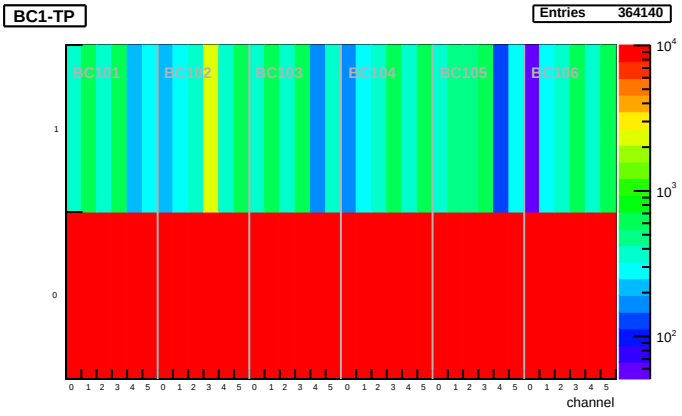
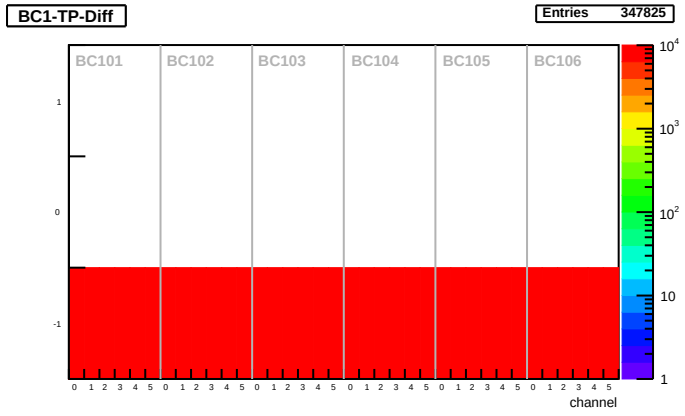

Barrel EMC L0 Input - High Tower
Entries 3034500
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3

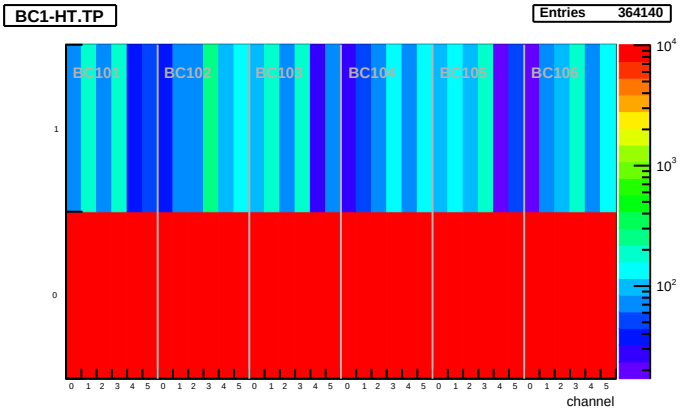

Barrel EMC L0 Input - Patch Sum
Entries 3034500
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

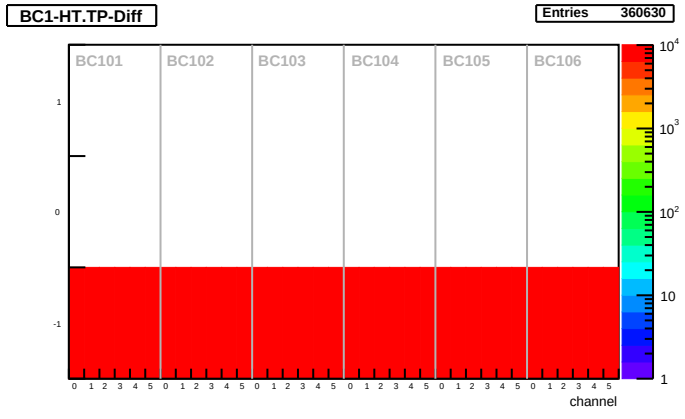

Endcap EMC L0 Input - High Tower
Entries 910350
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

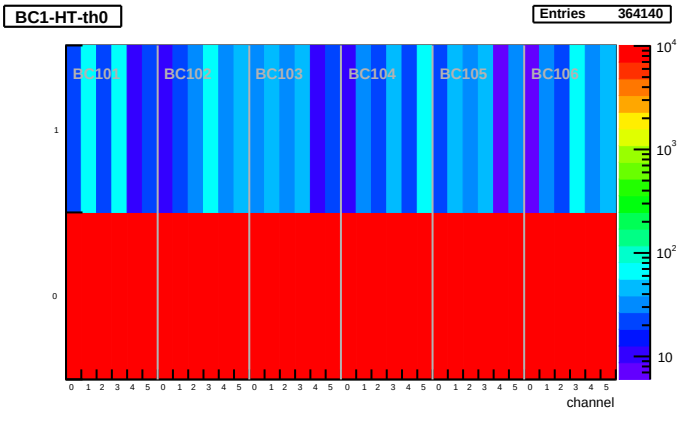

Endcap EMC L0 Input - Patch Sum
Entries 910350
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

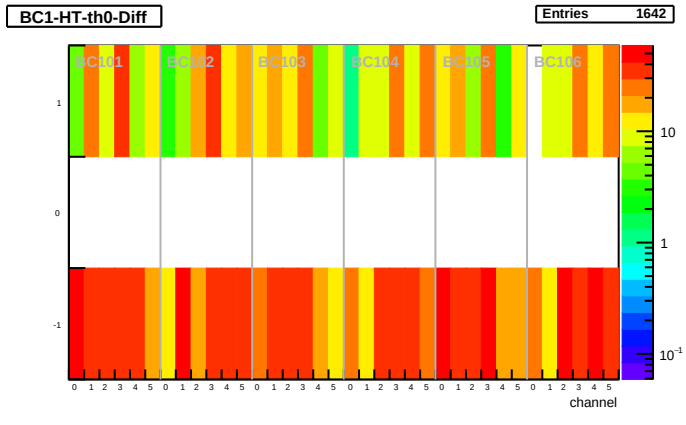

BC1-TP
Entries 364140
BC101
BC102
BC103
BC104
BC105
BC106
channel

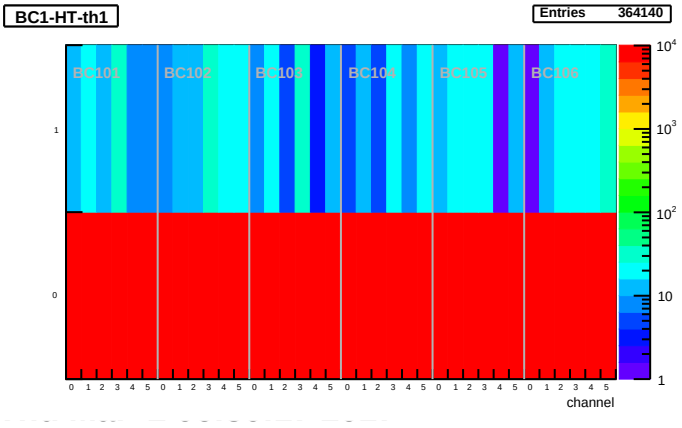

BC1-TP-Diff
Entries 347825
BC101
BC102
BC103
BC104
BC105
BC106
channel

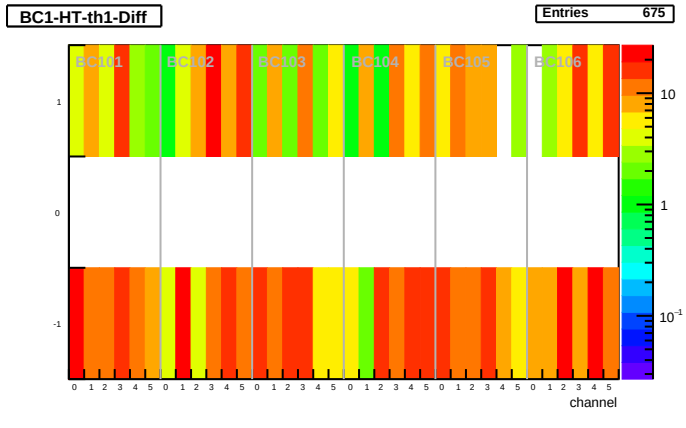

BC1-HT.TP
Entries 364140
BC101
BC102
BC103
BC104
BC105
BC106
channel

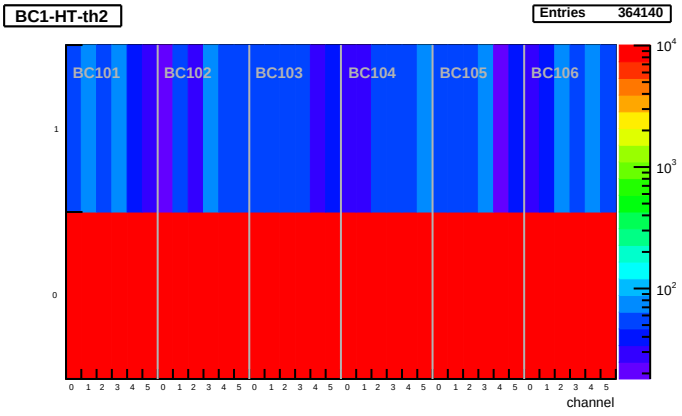

BC1-HT.TP-Diff
Entries 360630
BC101
BC102
BC103
BC104
BC105
BC106
channel

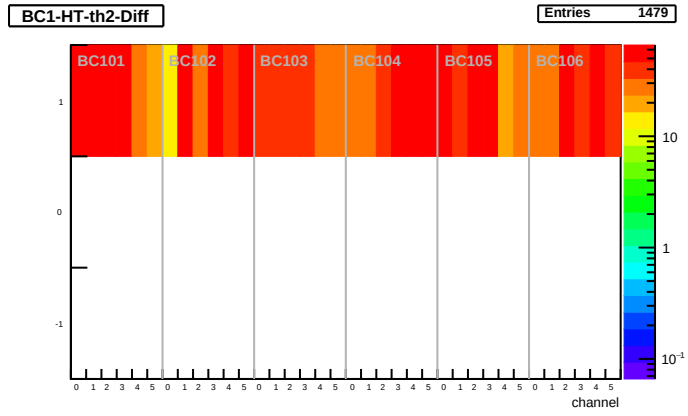

BC1-HT-th0
Entries 364140
BC101
BC102
BC103
BC104
BC105
BC106
channel

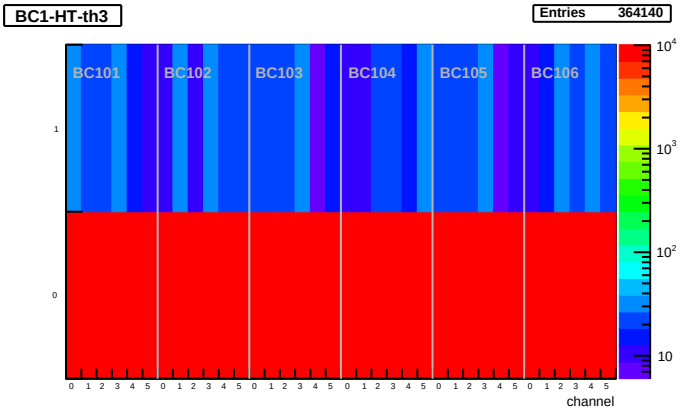

BC1-HT-th0-Diff
Entries 1642
BC101
BC102
BC103
BC104
BC105
BC106
channel

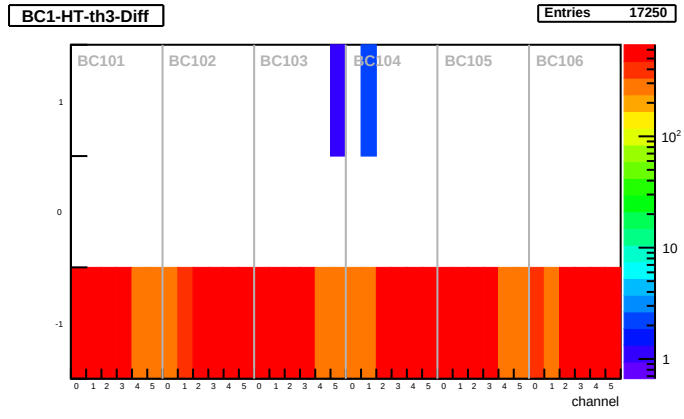

BC1-HT-th1
Entries 364140
BC101
BC102
BC103
BC104
BC105
BC106
channel

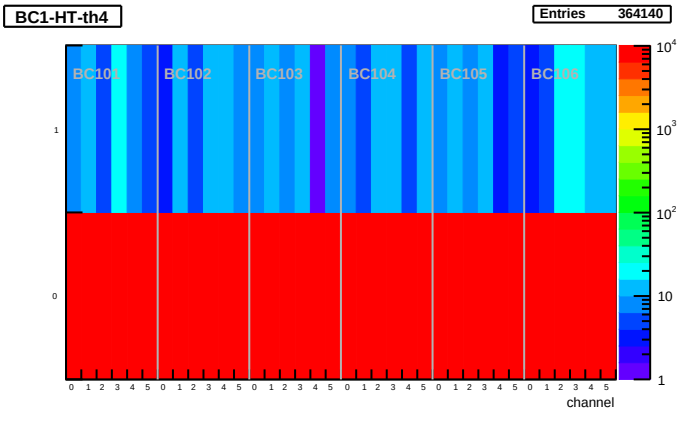

BC1-HT-th1-Diff
Entries 675
BC101
BC102
BC103
BC104
BC105
BC106
channel

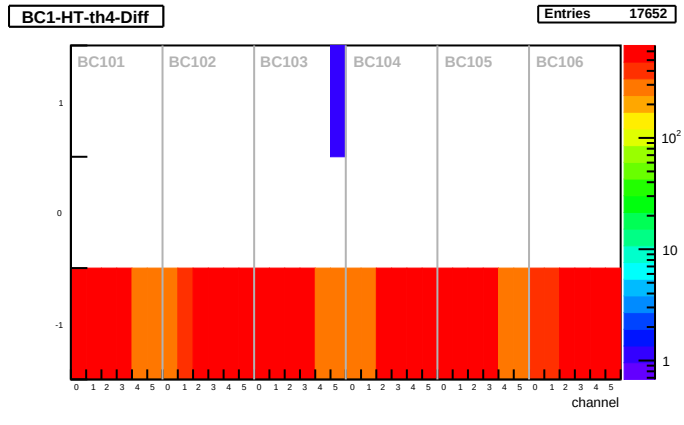

BC1-HT-th2
Entries 364140
BC101
BC102
BC103
BC104
BC105
BC106
channel

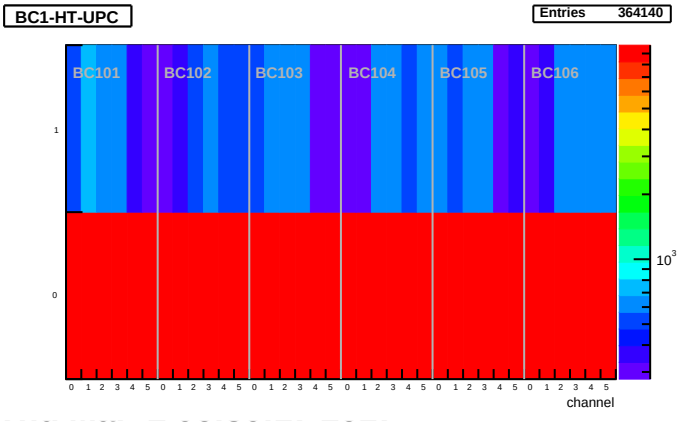

BC1-HT-th2-Diff
Entries 1479
BC101
BC102
BC103
BC104
BC105
BC106
channel

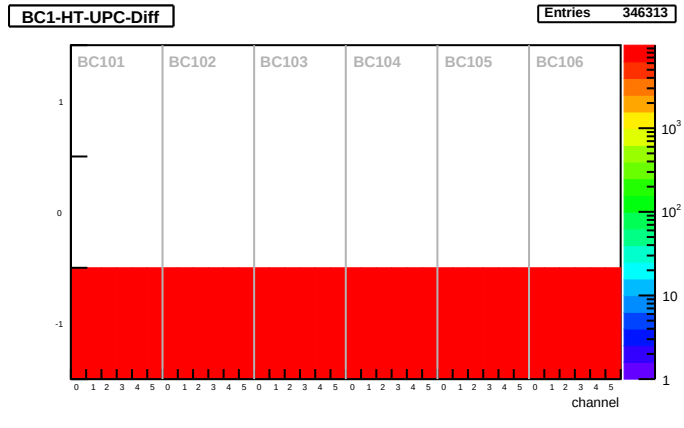

BC1-HT-th3
Entries 364140
BC101
BC102
BC103
BC104
BC105
BC106
channel

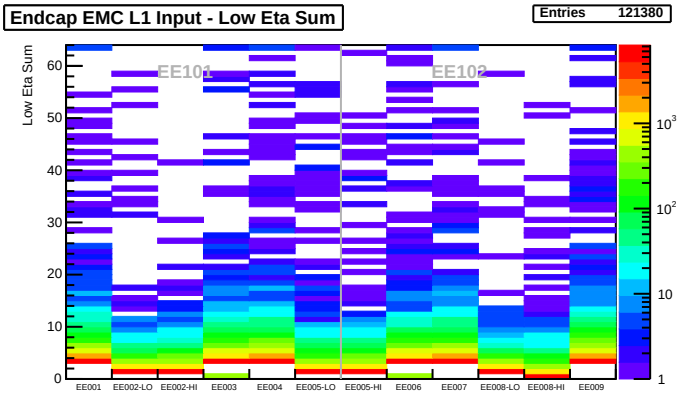

BC1-HT-th3-Diff
Entries 17250
BC101
BC102
BC103
BC104
BC105
BC106
channel

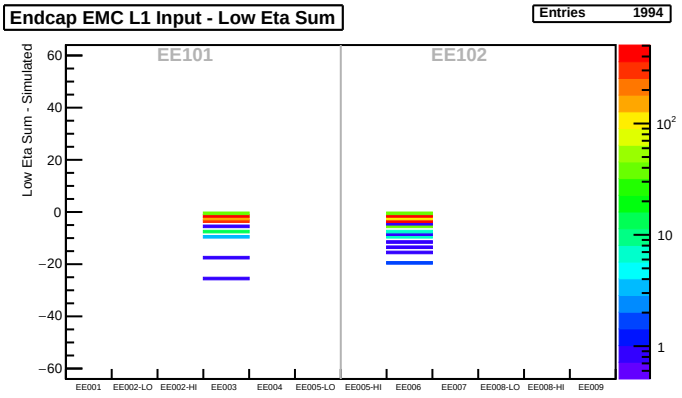

BC1-HT-th4
Entries 364140
BC101
BC102
BC103
BC104
BC105
BC106
channel

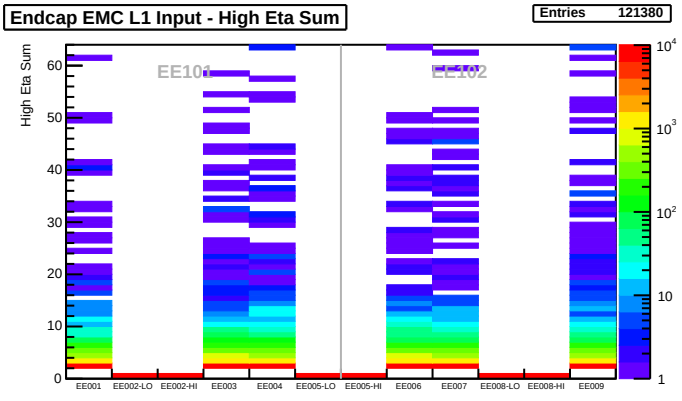

BC1-HT-th4-Diff
Entries 17652
BC101
BC102
BC103
BC104
BC105
BC106
channel

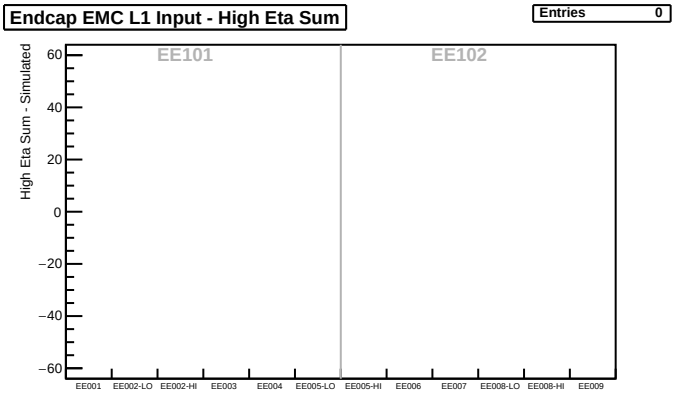

BC1-HT-UPC
Entries 364140
BC101
BC102
BC103
BC104
BC105
BC106
channel

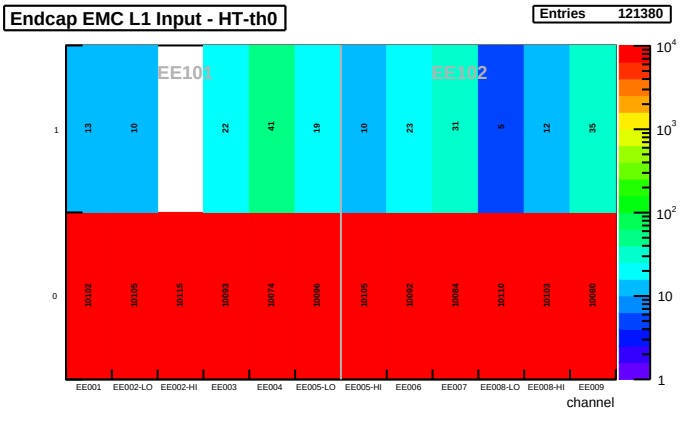

BC1-HT-UPC-Diff
Entries 346313
BC101
BC102
BC103
BC104
BC105
BC106
channel

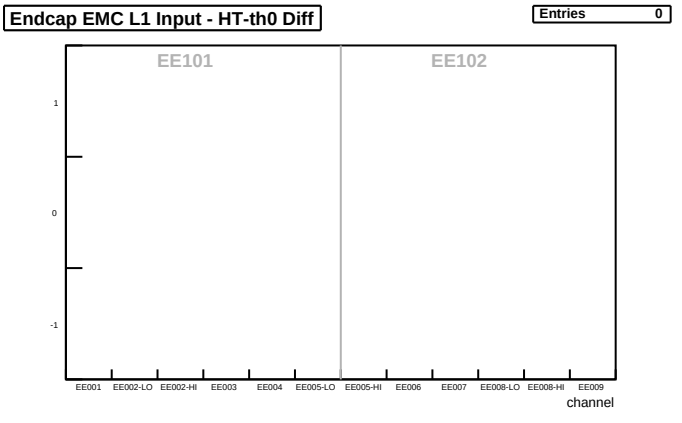

Endcap EMC L1 Input - Low Eta Sum
Entries 121380
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

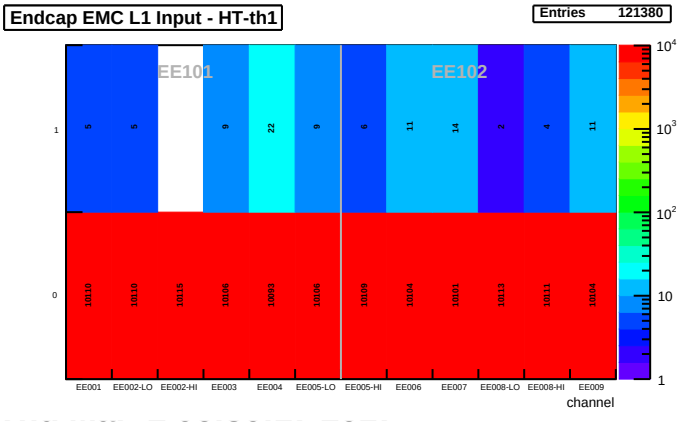

Endcap EMC L1 Input - Low Eta Sum
Entries 1994
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

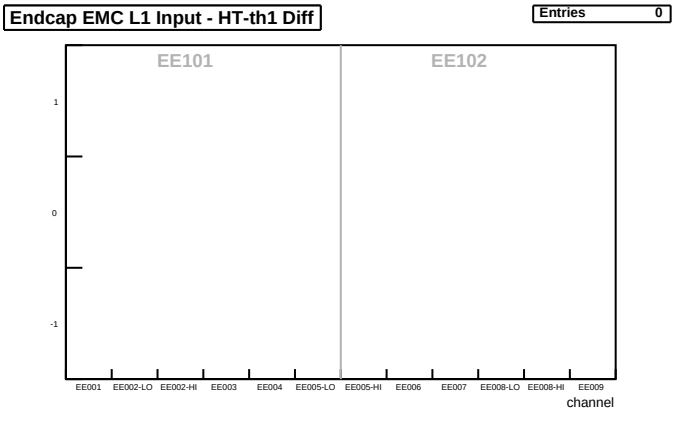

Endcap EMC L1 Input - High Eta Sum
Entries 121380
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

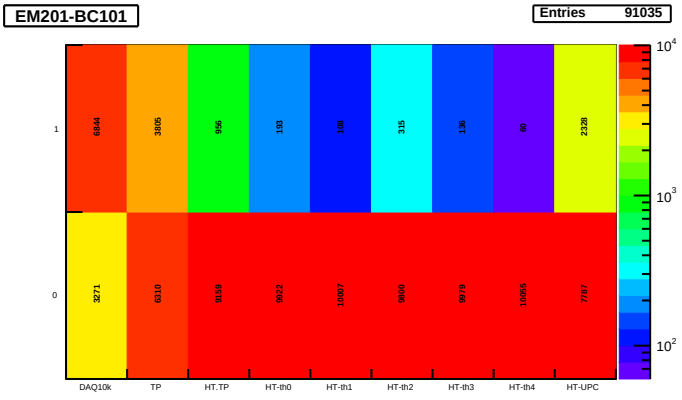

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

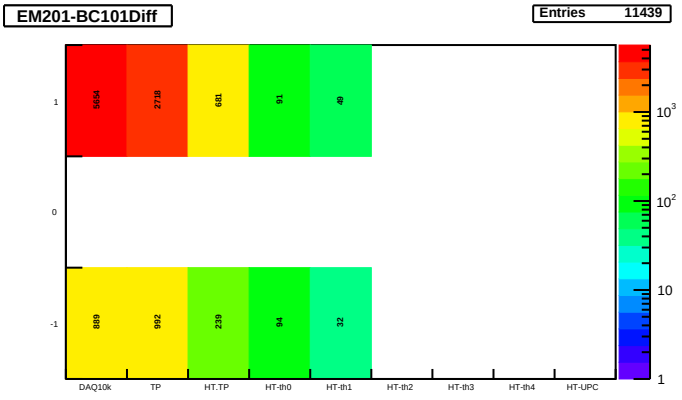

Endcap EMC L1 Input - HT-th0
Entries 121380
EE101
EE102
13 10 22 41 19 10 23 31 5 12 35
10102 10105 10115 10093 10074 10096 10105 10092 10084 10110 10103 10080
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

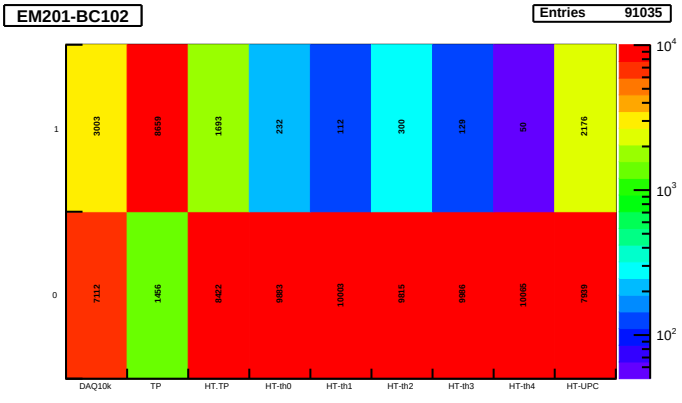

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

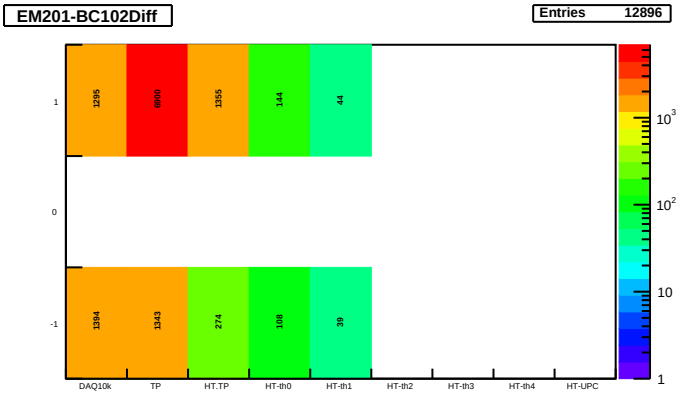

Endcap EMC L1 Input - HT-th1
Entries 121380
EE101
EE102
5 5 9 22 9 6 11 14 2 4 11
10110 10110 10115 10106 10093 10106 10109 10104 10101 10113 10111 10104
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

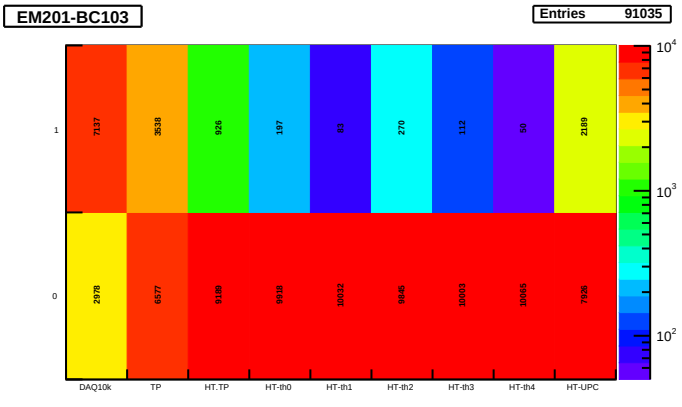

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

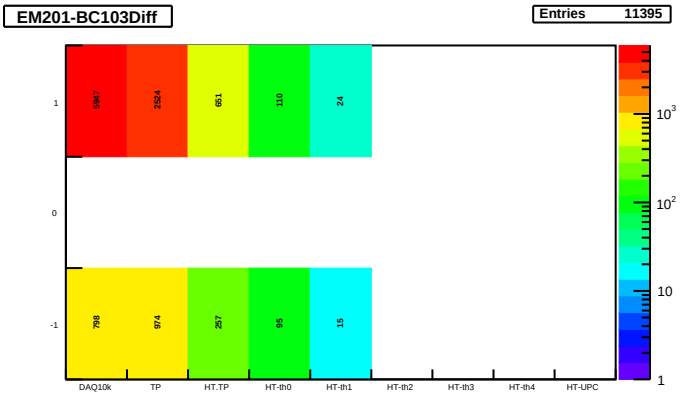

EM201-BC101
Entries 91035
1
0
6844 3805 996 193 108 315 136 60 2328
3271 6310 9159 9922 10007 9800 9979 10055 7787
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3
10^2

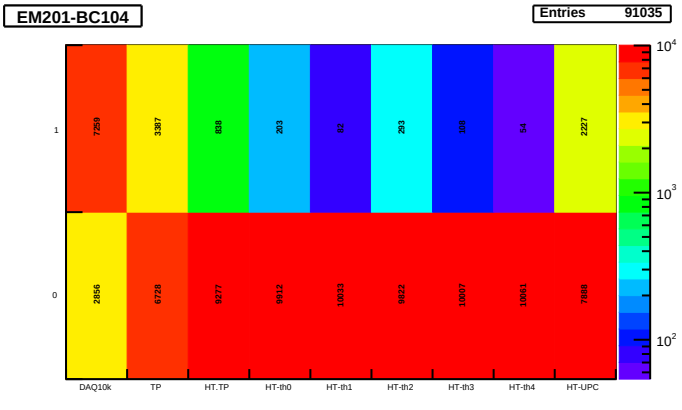

EM201-BC101Diff
Entries 11439
1
0
-1
5654 2718 681 91 49
889 992 239 94 32
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2
10
1

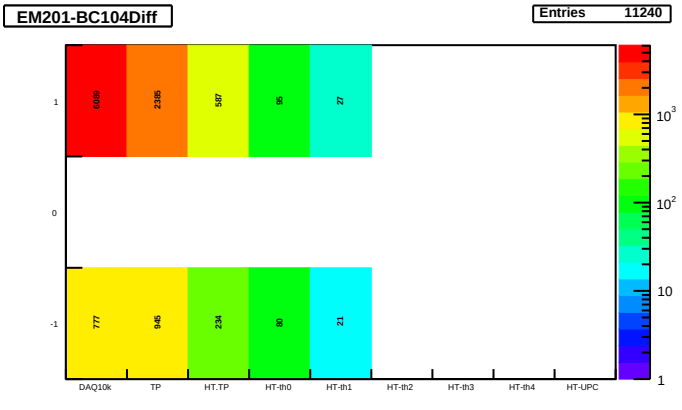

EM201-BC102
Entries 91035
1
0
3003 8659 1693 232 112 300 129 50 2176
7112 1456 8422 9883 10003 9815 9986 10065 7939
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3
10^2

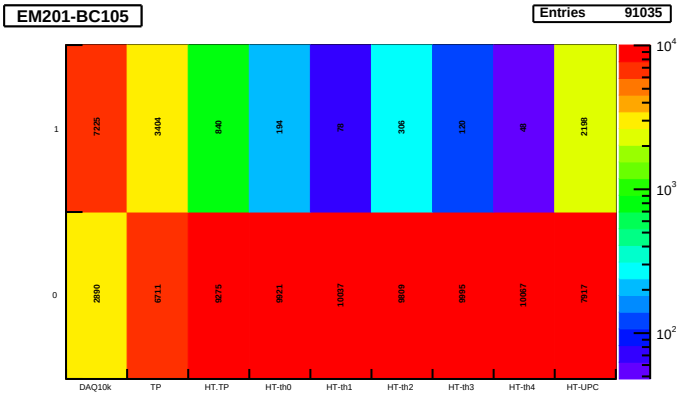

EM201-BC102Diff
Entries 12896
1
0
-1
1295 6900 1355 144 44
1394 1343 274 108 39
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2
10
1

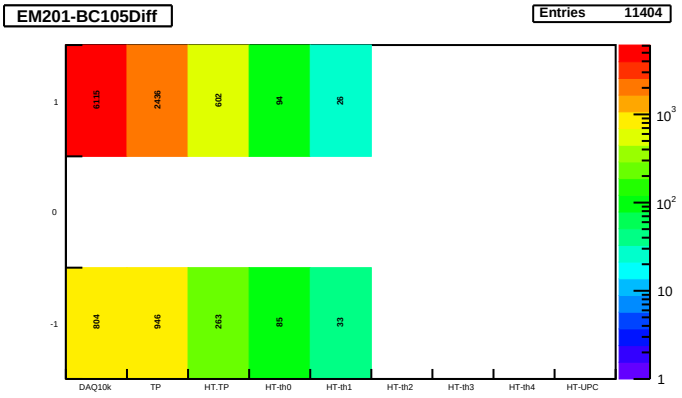

EM201-BC103
Entries 91035
1
0
7137 3538 926 197 83 270 112 50 2189
2978 6577 9189 9918 10032 9845 10003 10065 7926
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3
10^2

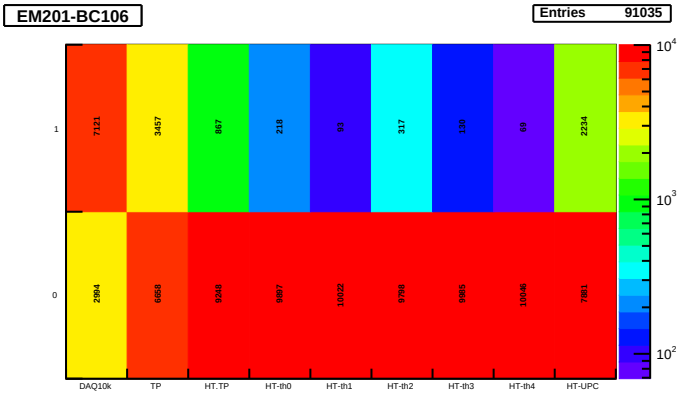

EM201-BC103Diff
Entries 11395
1
0
-1
5947 2524 651 110 24
798 974 257 95 15
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2
10
1

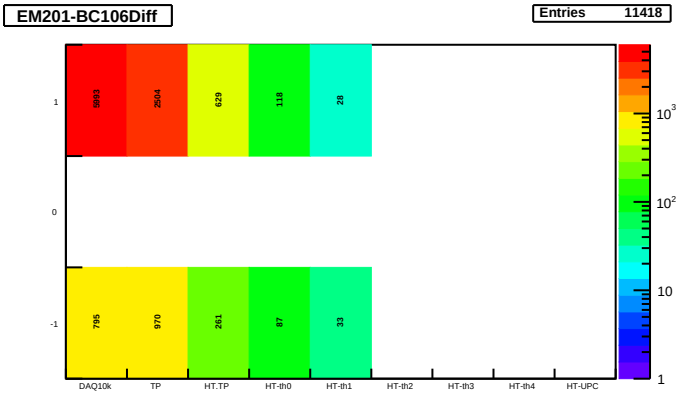

EM201-BC104
Entries 91035
1
0
7259 3387 838 203 82 293 108 54 2227
2856 6728 9277 9912 10033 9822 10007 10061 7888
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3
10^2

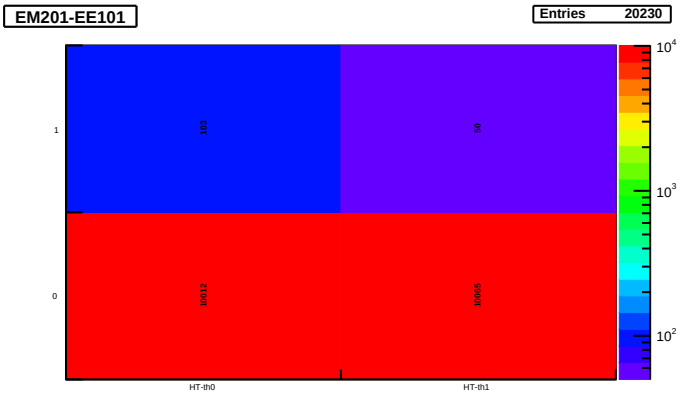

EM201-BC104Diff
Entries 11240
1
0
-1
6089 2386 587 95 27
777 945 234 80 21
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2
10
1

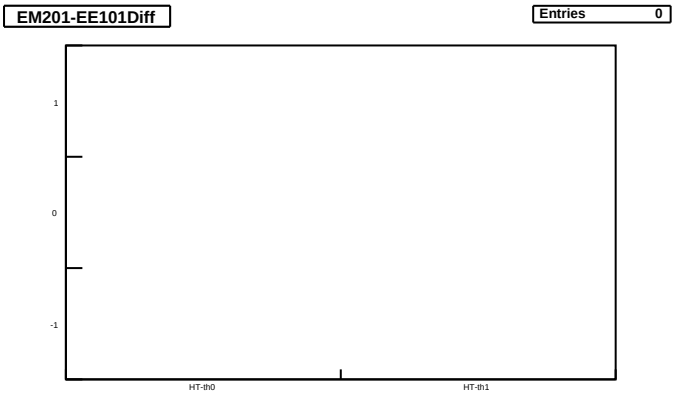

EM201-BC105
Entries 91035
1
0
7225
3404
840
194
78
306
120
48
2198
2890
6711
9275
9921
10037
9809
9995
10067
7917
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2

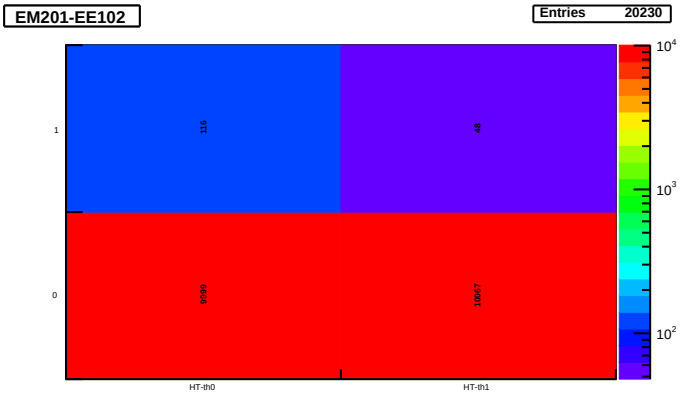

EM201-BC105Diff
Entries 11404
1
0
-1
6115
2436
602
94
26
804
946
263
85
33
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

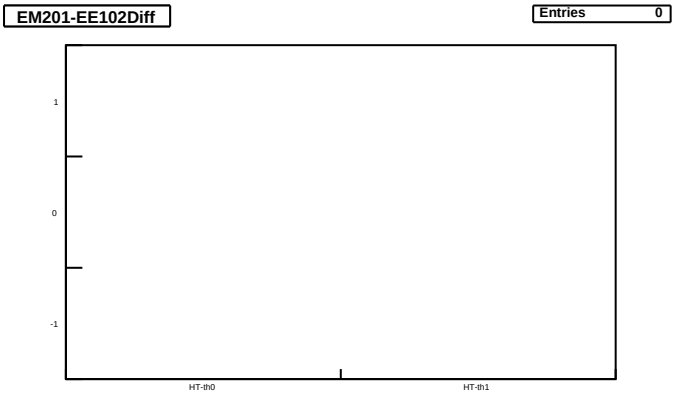

EM201-BC106
Entries 91035
1
0
7121
3457
867
218
93
317
130
69
2234
2984
6658
9248
9897
10022
9798
9985
10046
7881
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2

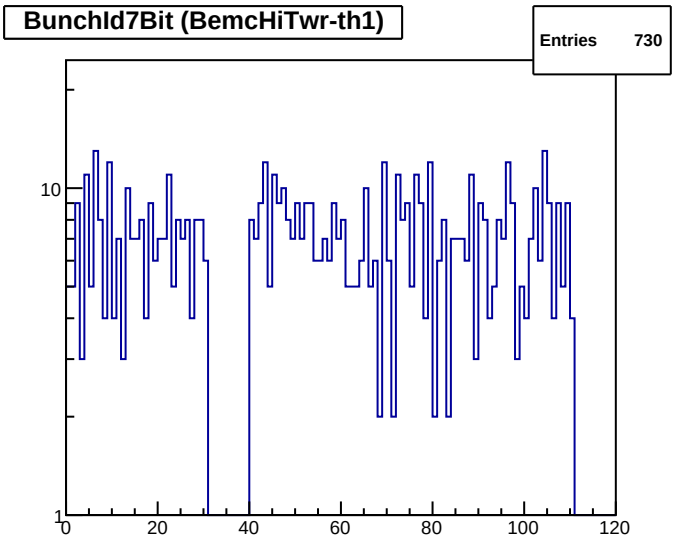

EM201-BC106Diff
Entries 11418
1
0
-1
5993
2504
629
118
28
795
970
261
87
33
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

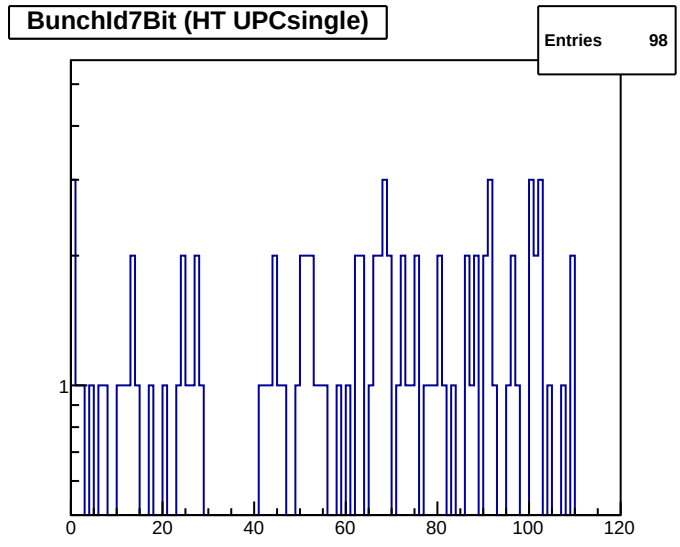

EM201-EE101
Entries 20230
1
0
103
50
10012
10065
HT-th0
HT-th1
10^4
10^3
10^2

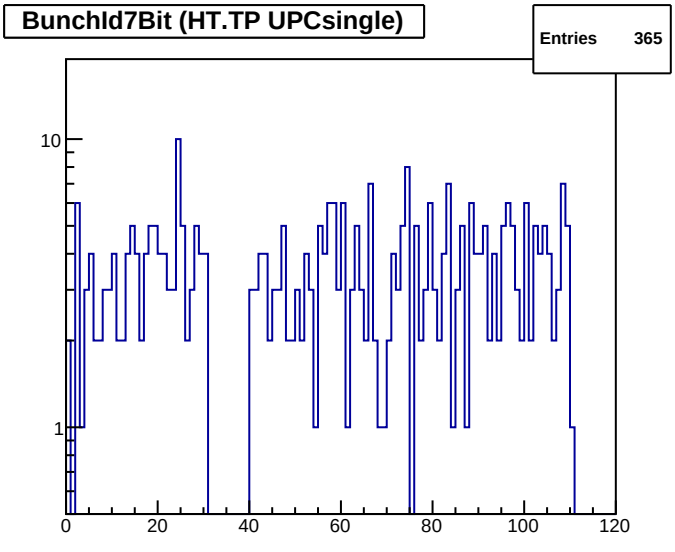

EM201-EE101Diff
Entries 0
1
0
-1
HT-th0
HT-th1

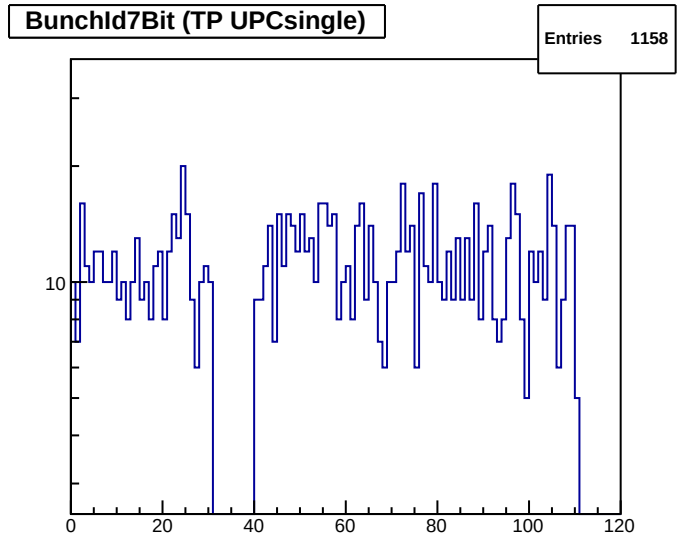

EM201-EE102
Entries 20230
1
0
116
48
9999
10067
HT-th0
HT-th1
10^4
10^3
10^2

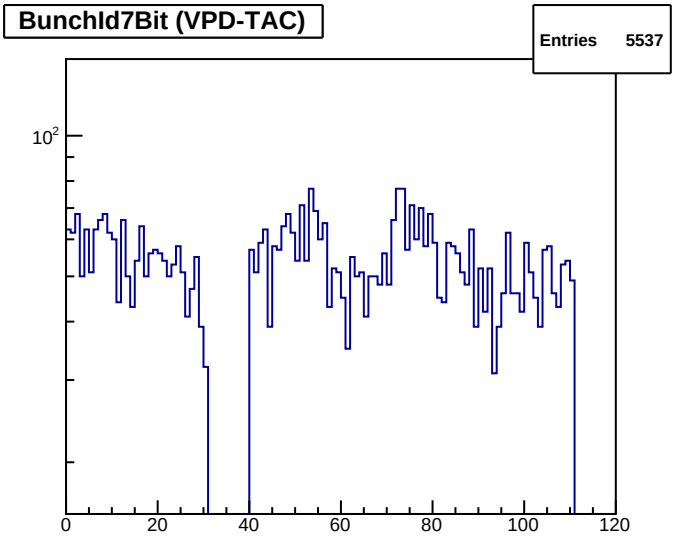

EM201-EE102Diff
Entries 0
1
0
-1
HT-th0
HT-th1

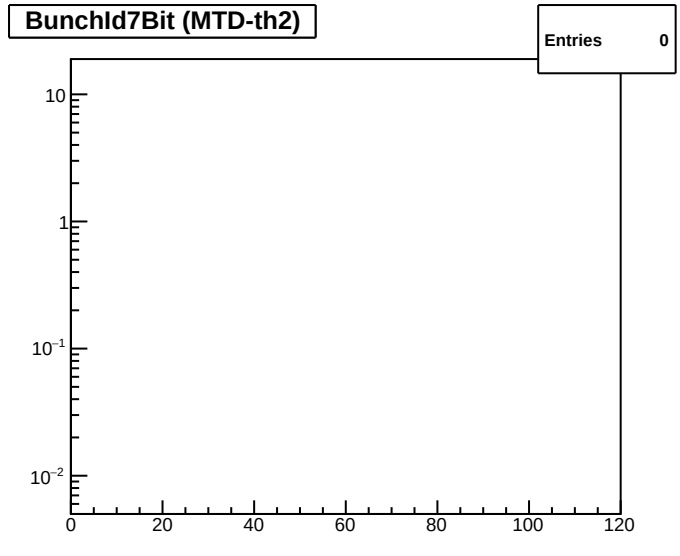

BunchId7Bit (BemcHiTwr-th1)
Entries 730
10
1
0
20
40
60
80
100
120

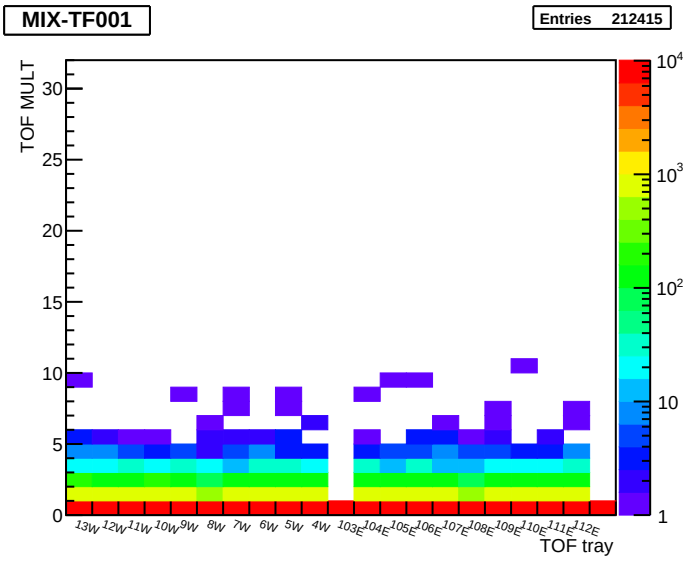

BunchId7Bit (HT UPCsingle)
Entries 98
1
0
20
40
60
80
100
120

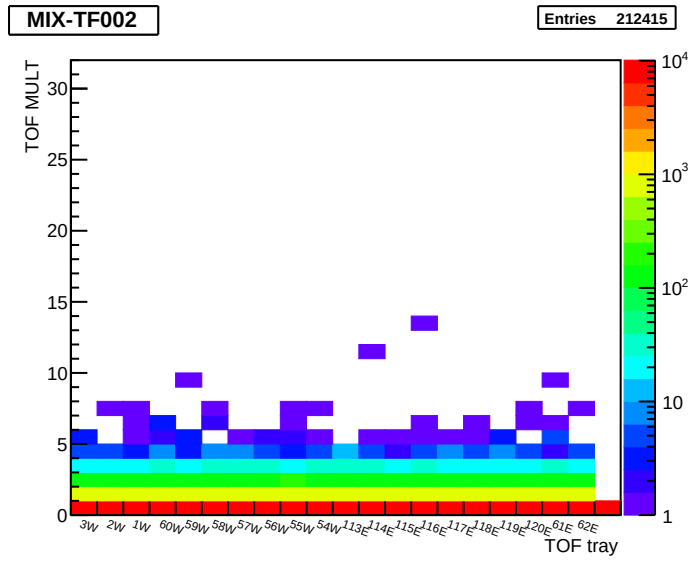

BunchId7Bit (HT.TP UPCsingle)
Entries 365
10
1
0
20
40
60
80
100
120

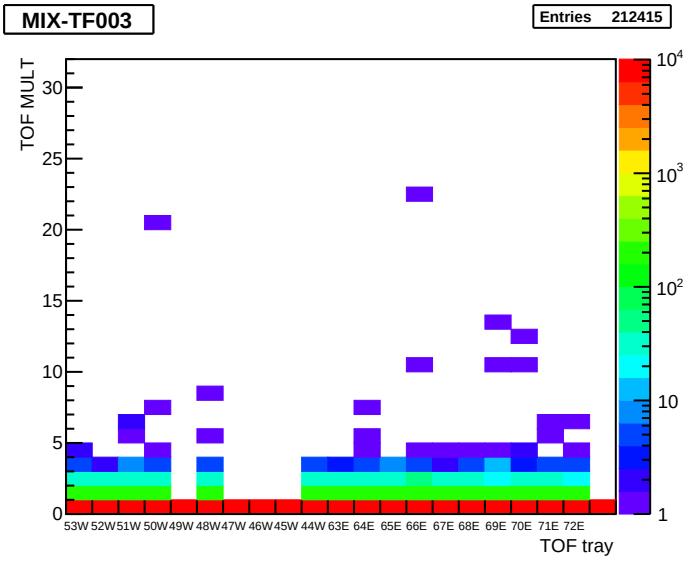

BunchId7Bit (TP UPCsingle)
Entries 1158
10
0
20
40
60
80
100
120

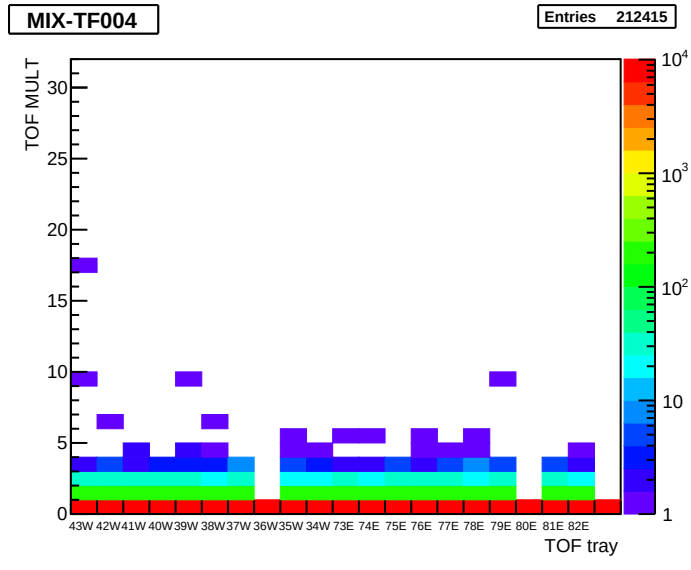

BunchId7Bit (VPD-TAC)
Entries 5537
10^2
0
20
40
60
80
100
120

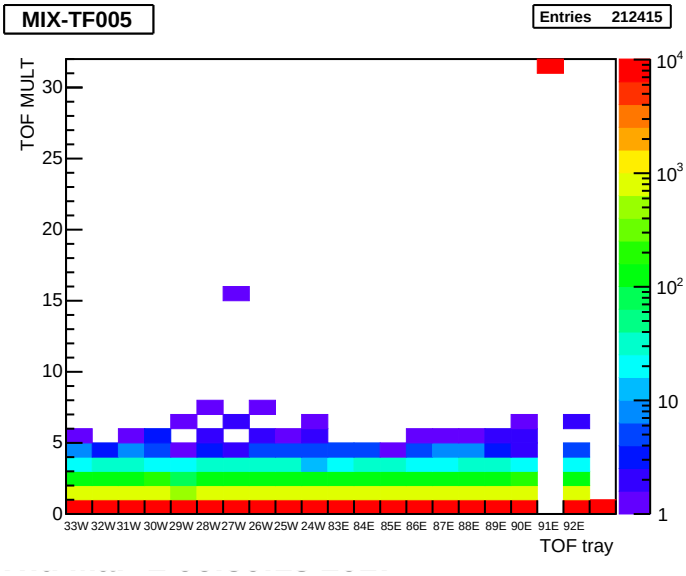

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0
20
40
60
80
100
120

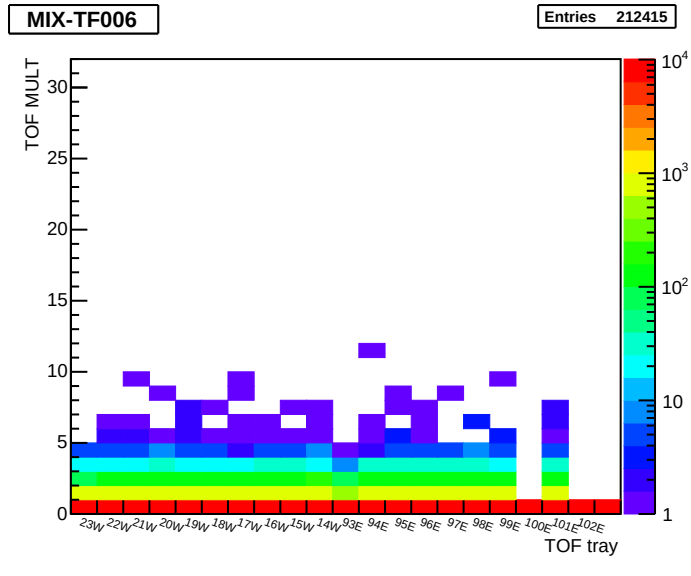

MIX-TF001
Entries 212415
TOF MULT
TOF tray

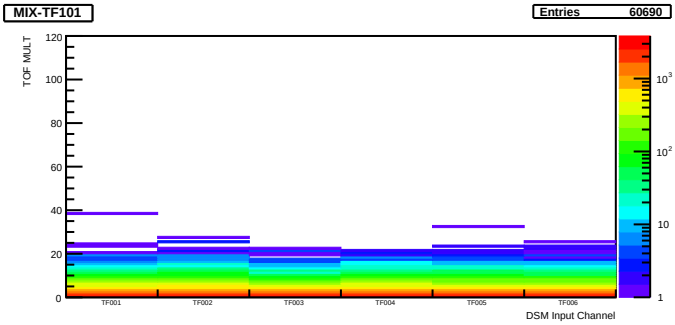

MIX-TF002
Entries 212415
TOF MULT
TOF tray

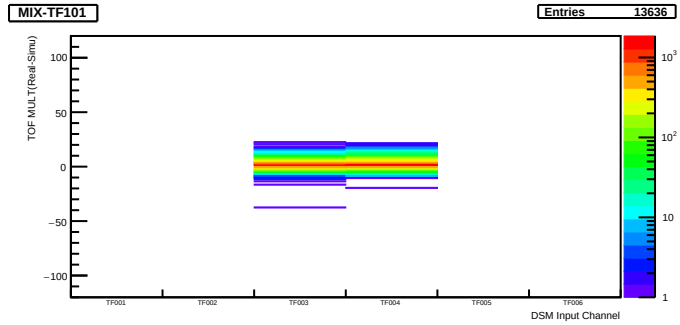

MIX-TF003
Entries 212415
TOF MULT
TOF tray

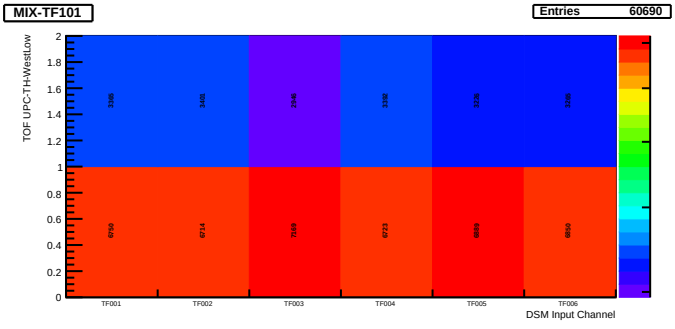

MIX-TF004
Entries 212415
TOF MULT
TOF tray

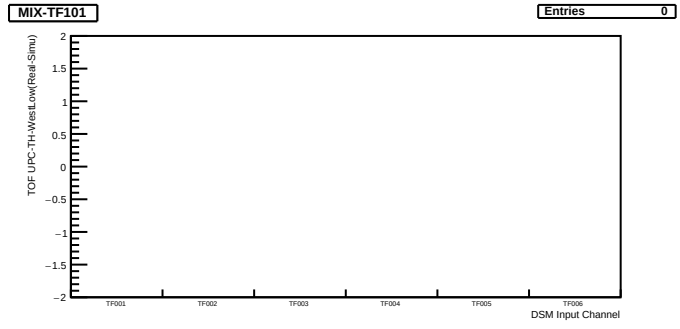

MIX-TF005
Entries 212415
TOF MULT
TOF tray

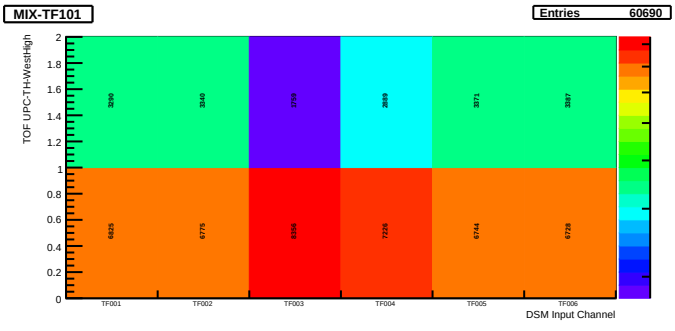

MIX-TF006
Entries 212415
TOF MULT
TOF tray

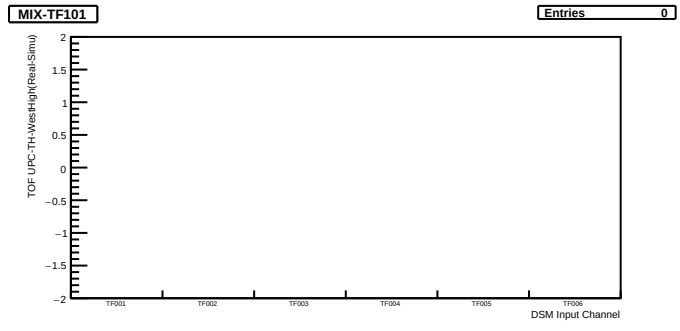

MIX-TF101
Entries 60690
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

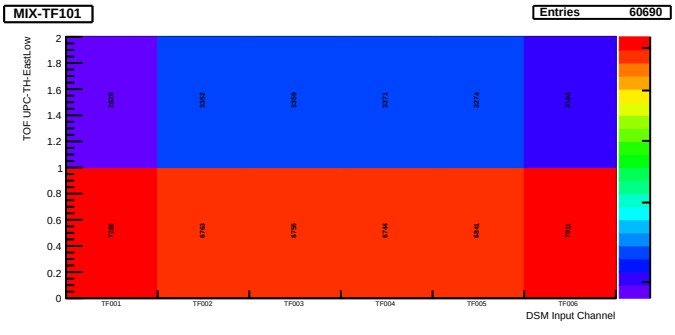

MIX-TF101
Entries 13636
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

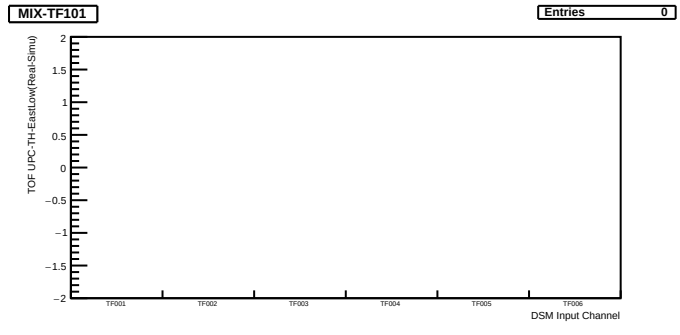

MIX-TF101
Entries 60690
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

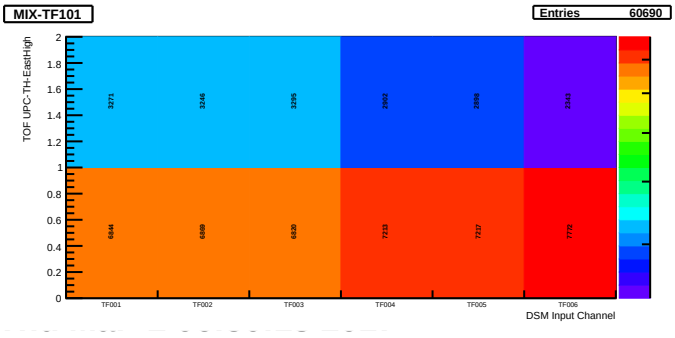

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

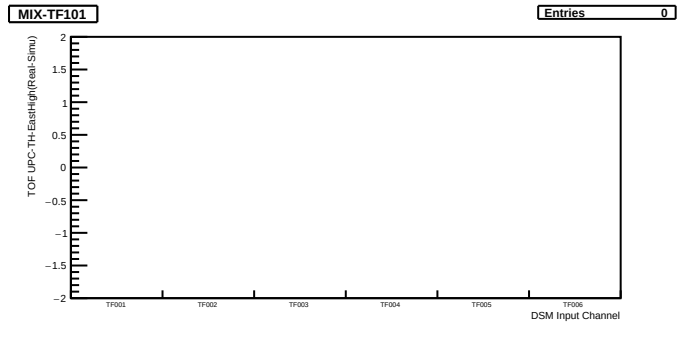

MIX-TF101
Entries 60690
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

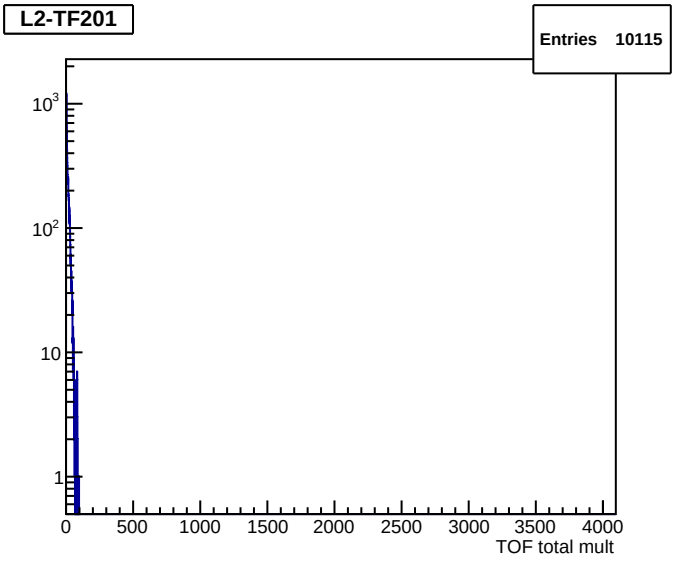

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

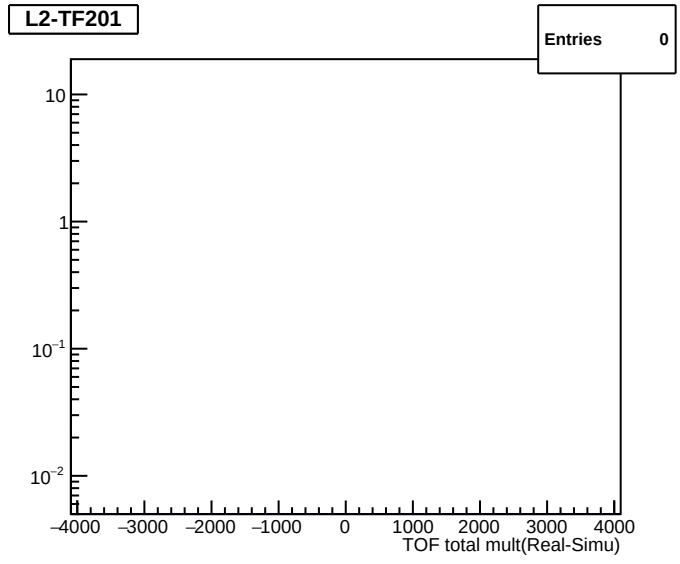

MIX-TF101
Entries 60690
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

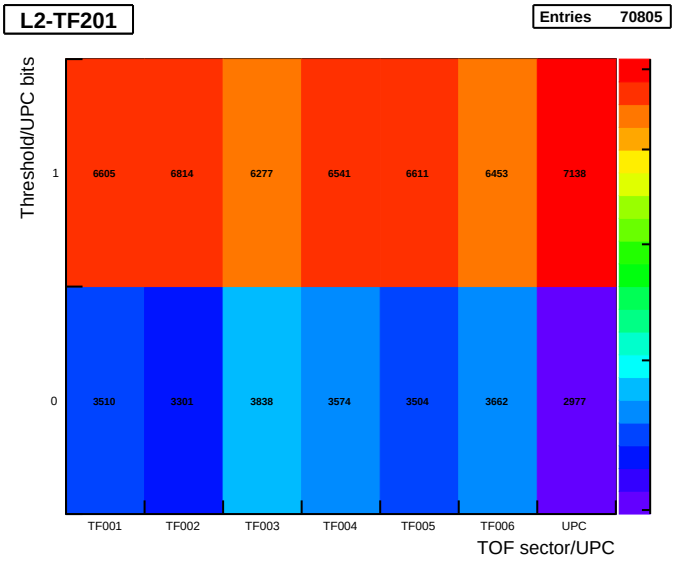

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

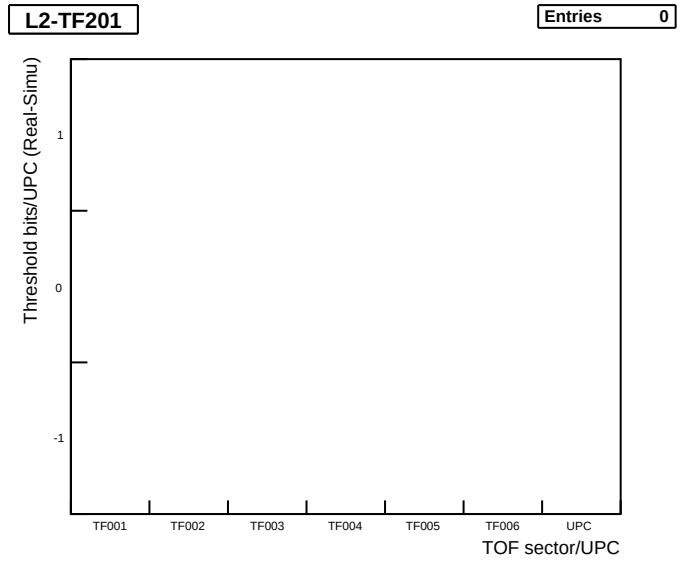

MIX-TF101
Entries 60690
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

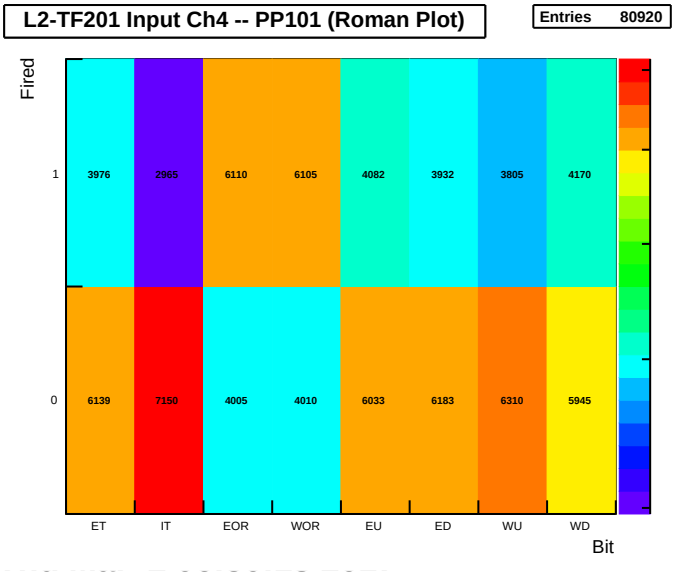

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

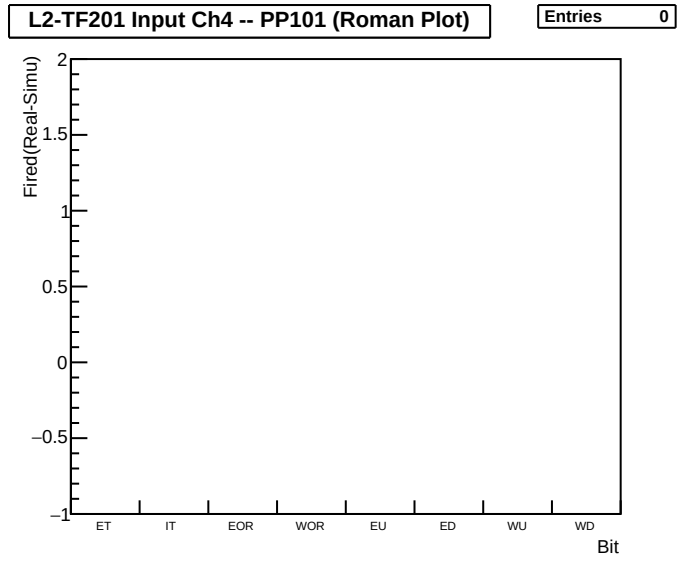

L2-TF201
Entries 10115
TOF total mult

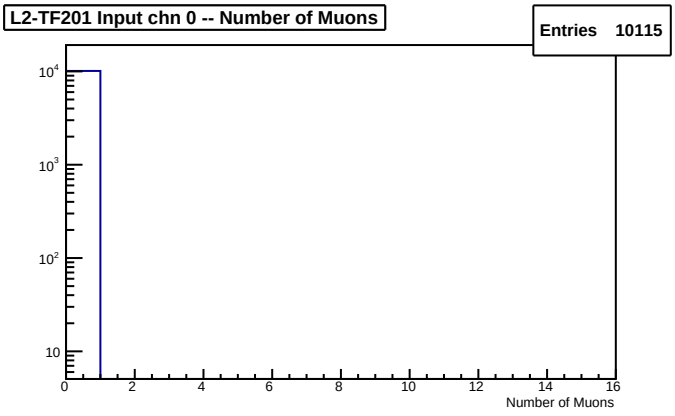

L2-TF201
Entries 0
TOF total mult(Real-Simu)

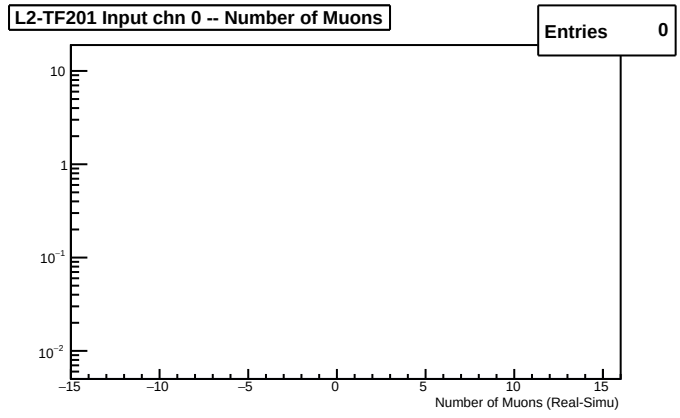

L2-TF201
Entries 70805
Threshold/UPC bits
6605 6814 6277 6541 6611 6453 7138
3510 3301 3838 3574 3504 3662 2977
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

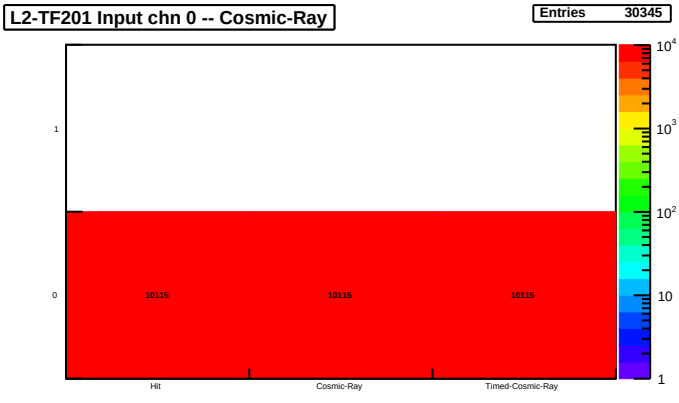

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

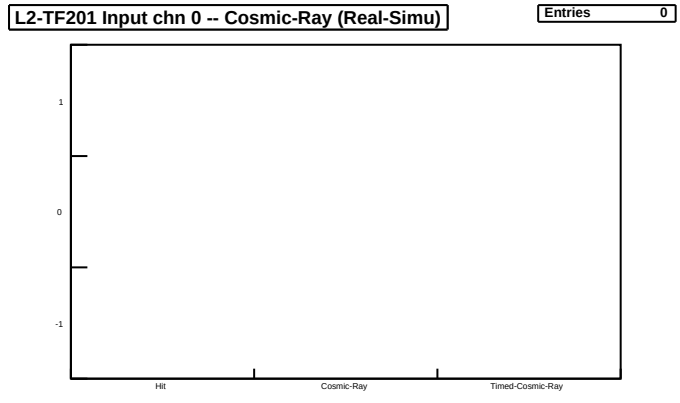

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 80920
Fired
3976 2965 6110 6105 4082 3932 3805 4170
6139 7150 4005 4010 6033 6183 6310 5945
ET IT EOR WOR EU ED WU WD
Bit

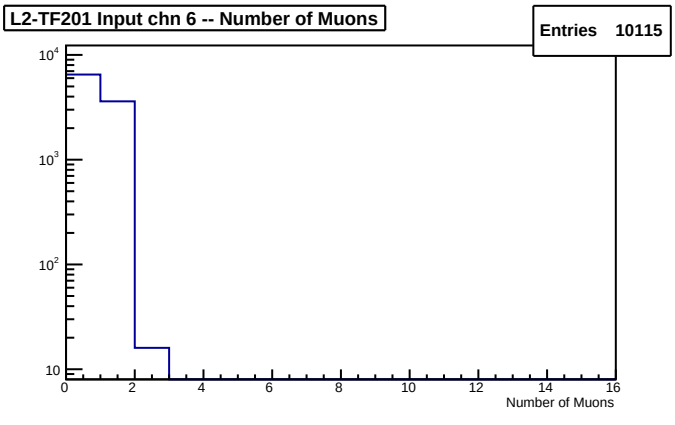

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

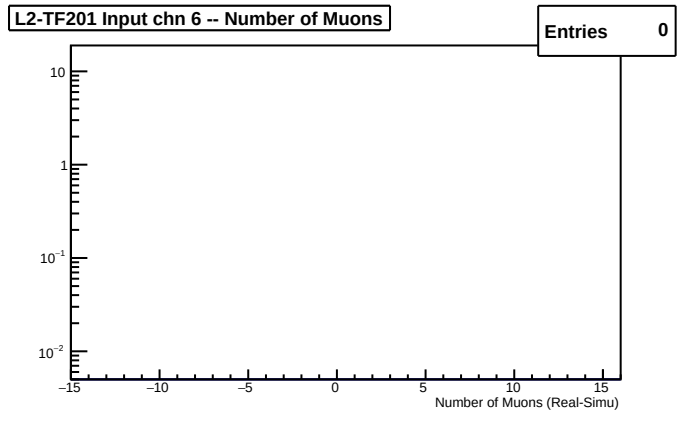

L2-TF201 Input chn 0 -- Number of Muons
Entries 10115
Number of Muons

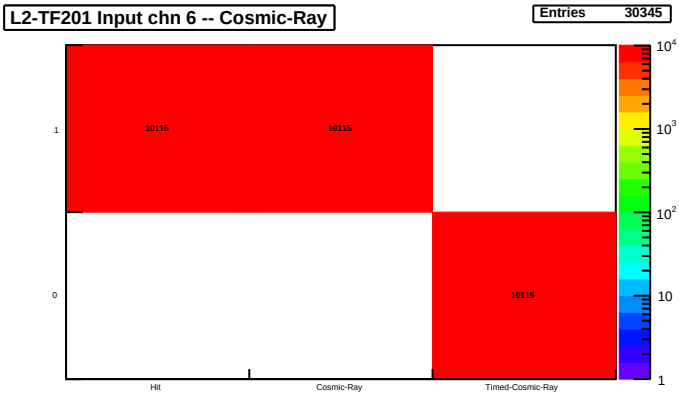

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

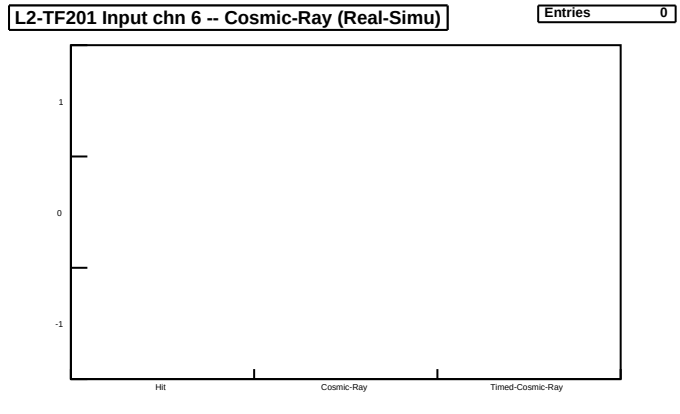

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 30345
10115
10115
10115
Hit
Cosmic-Ray
Timed-Cosmic-Ray

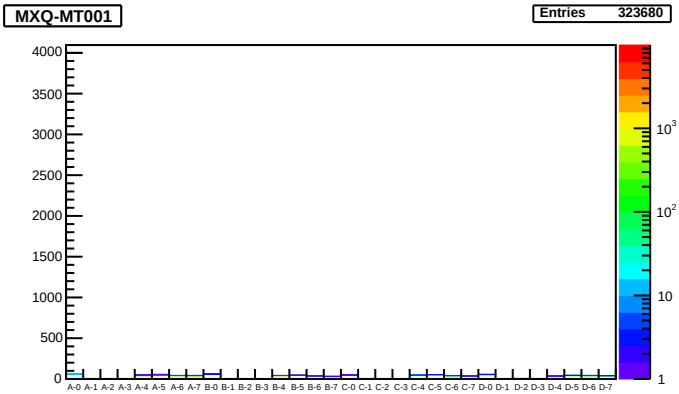

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

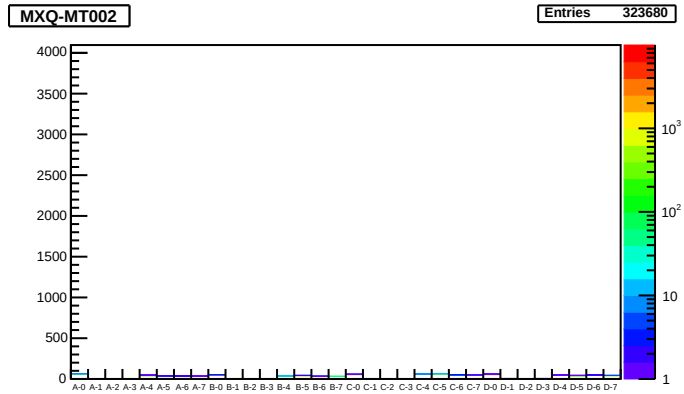

L2-TF201 Input chn 6 -- Number of Muons
Entries 10115
Number of Muons

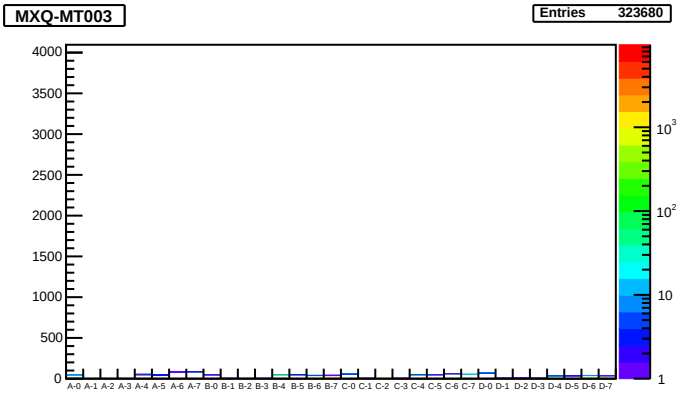

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

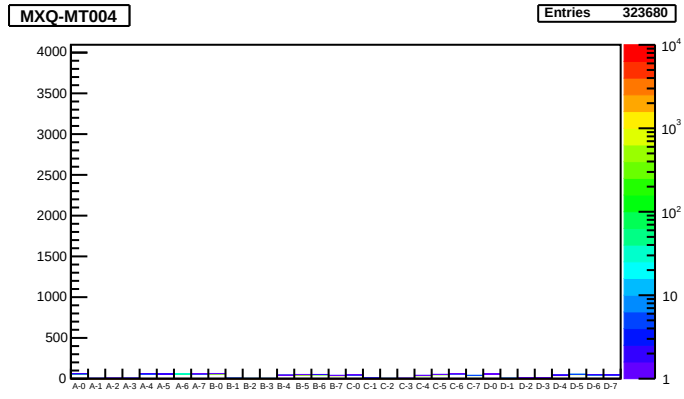

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 30345
10115
10115
10115
Hit
Cosmic-Ray
Timed-Cosmic-Ray

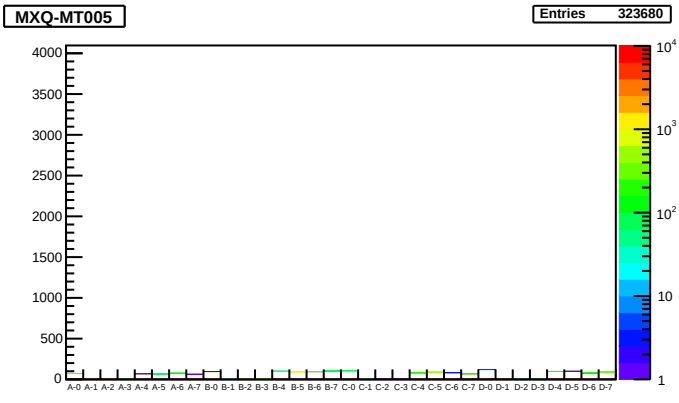

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

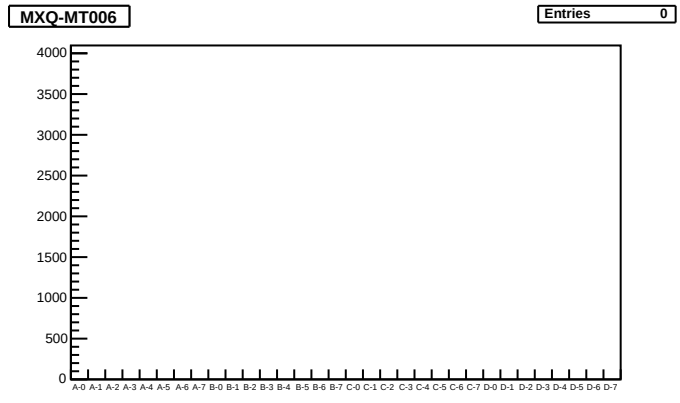

MXQ-MT001
Entries 323680

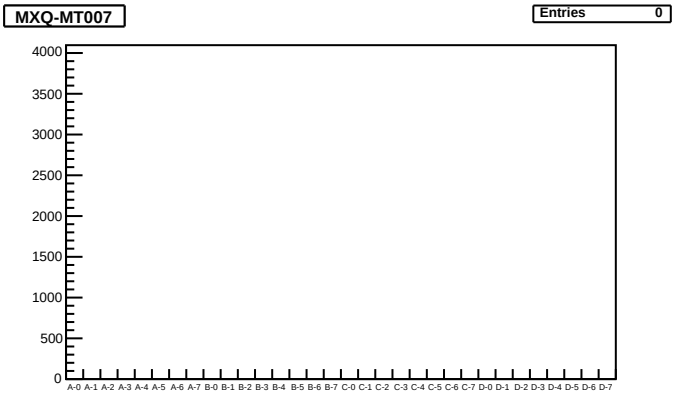

MXQ-MT002
Entries 323680

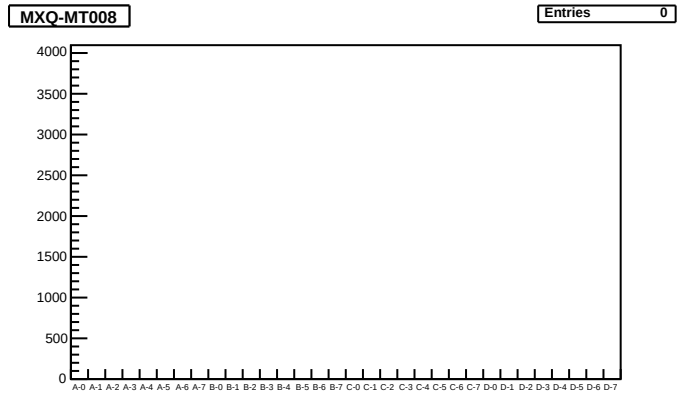

MXQ-MT003
Entries 323680

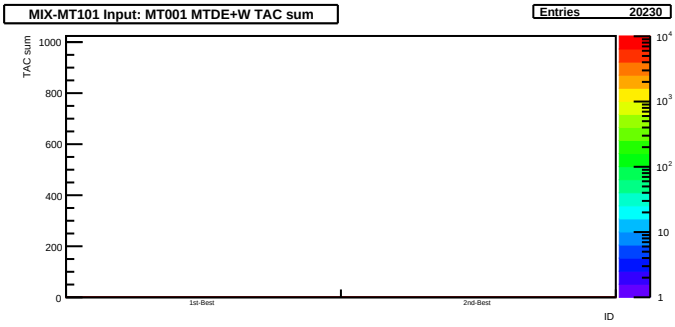

MXQ-MT004
Entries 323680

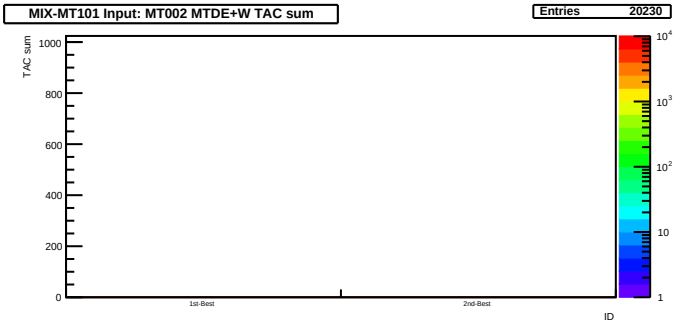

MXQ-MT005
Entries 323680

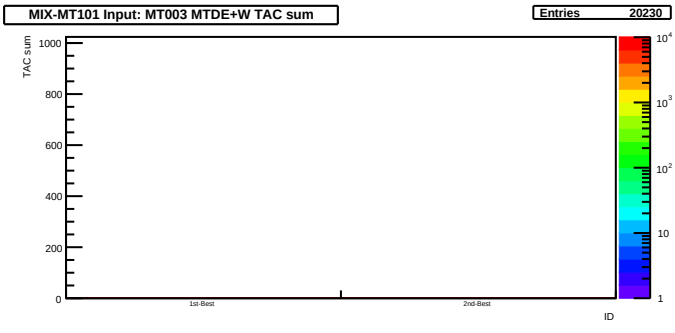

MXQ-MT006
Entries 0

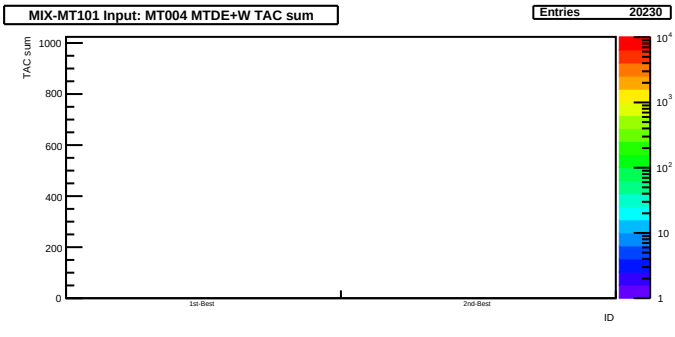

MXQ-MT007
Entries 0

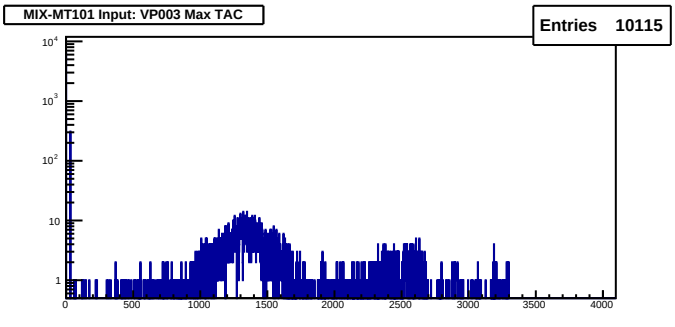

MXQ-MT008
Entries 0

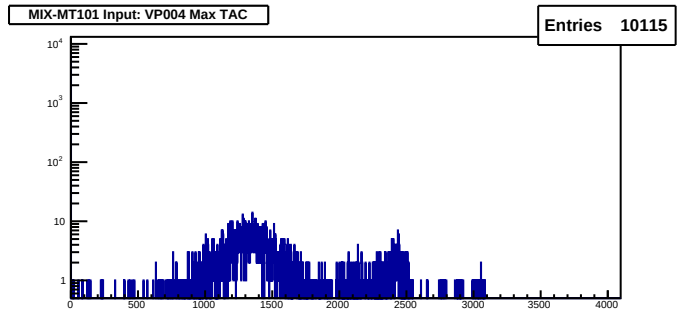

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 20230
TAC sum
1st-Best
2nd-Best
ID

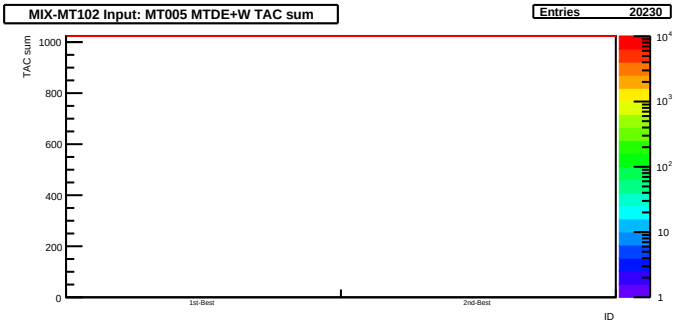

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 20230
TAC sum
1st-Best
2nd-Best
ID

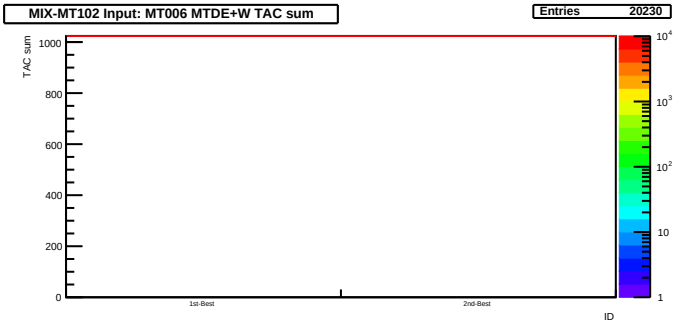

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 20230
TAC sum
1st-Best
2nd-Best
ID

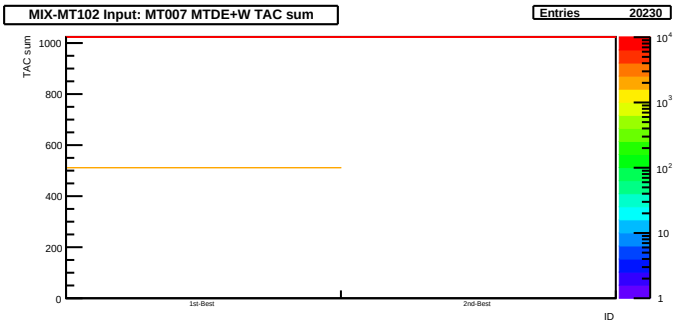

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 20230
TAC sum
1st-Best
2nd-Best
ID

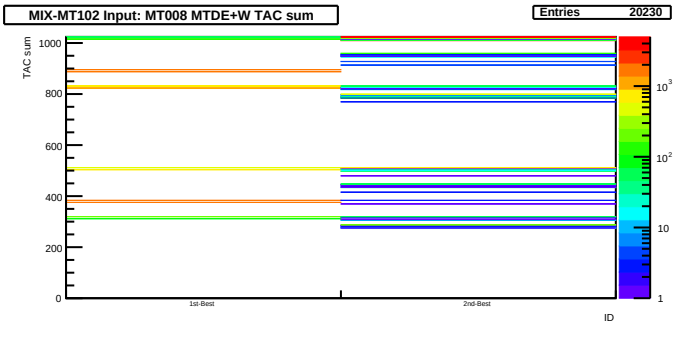

MIX-MT101 Input: VP003 Max TAC
Entries 10115

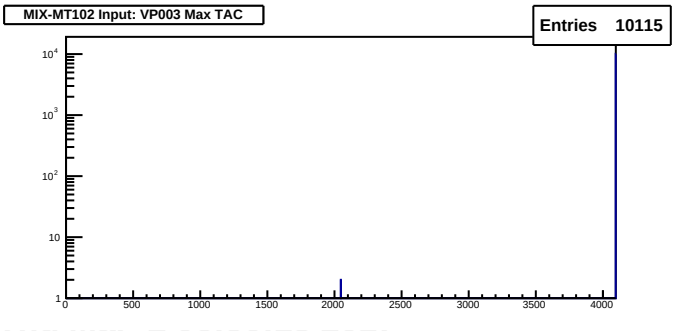

MIX-MT101 Input: VP004 Max TAC
Entries 10115

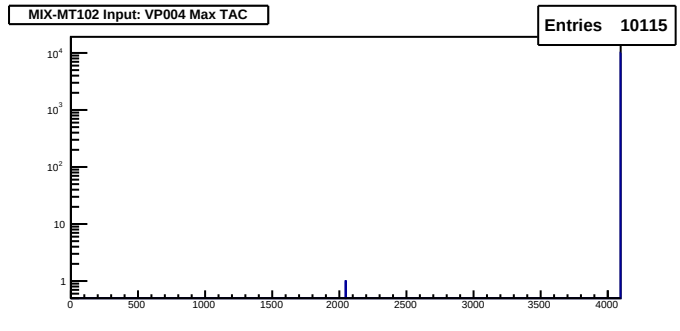

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 20230
TAC sum
1st-Best
2nd-Best
ID

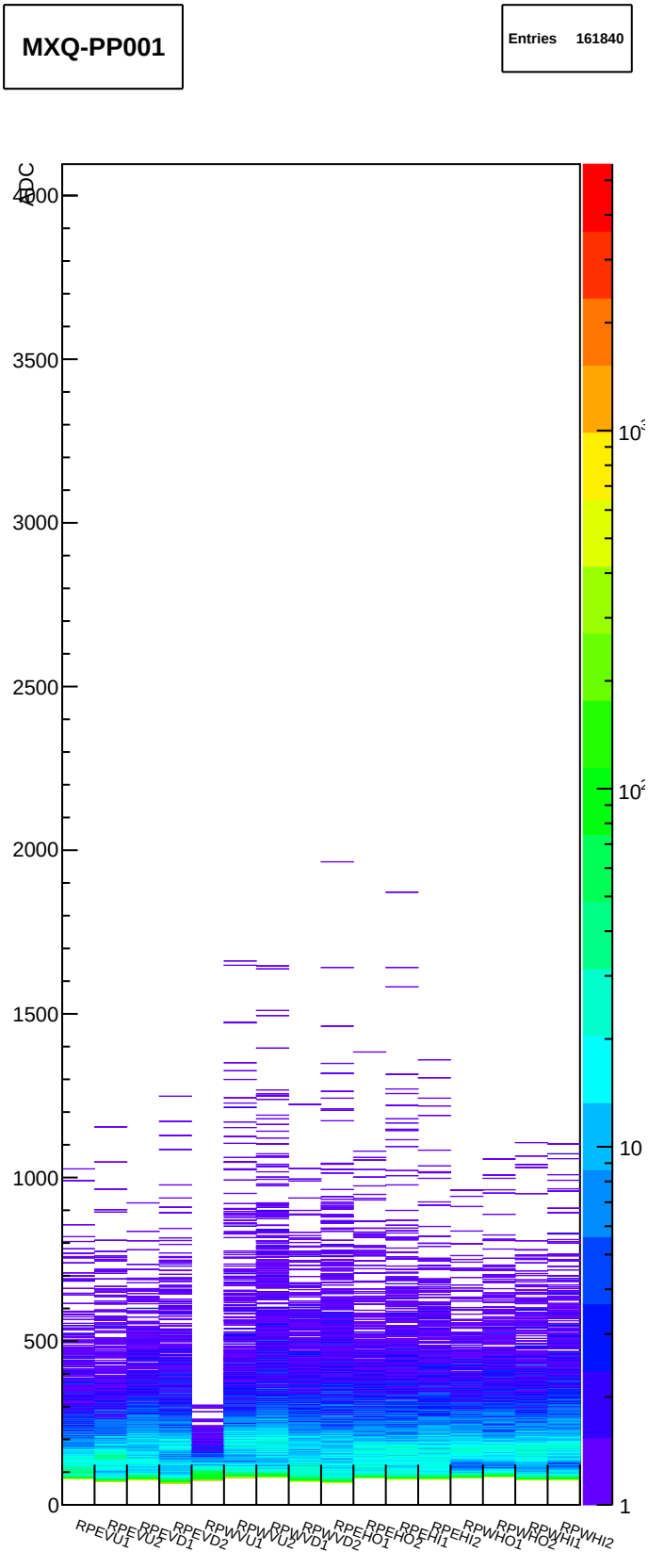

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 20230
TAC sum
1st-Best
2nd-Best
ID

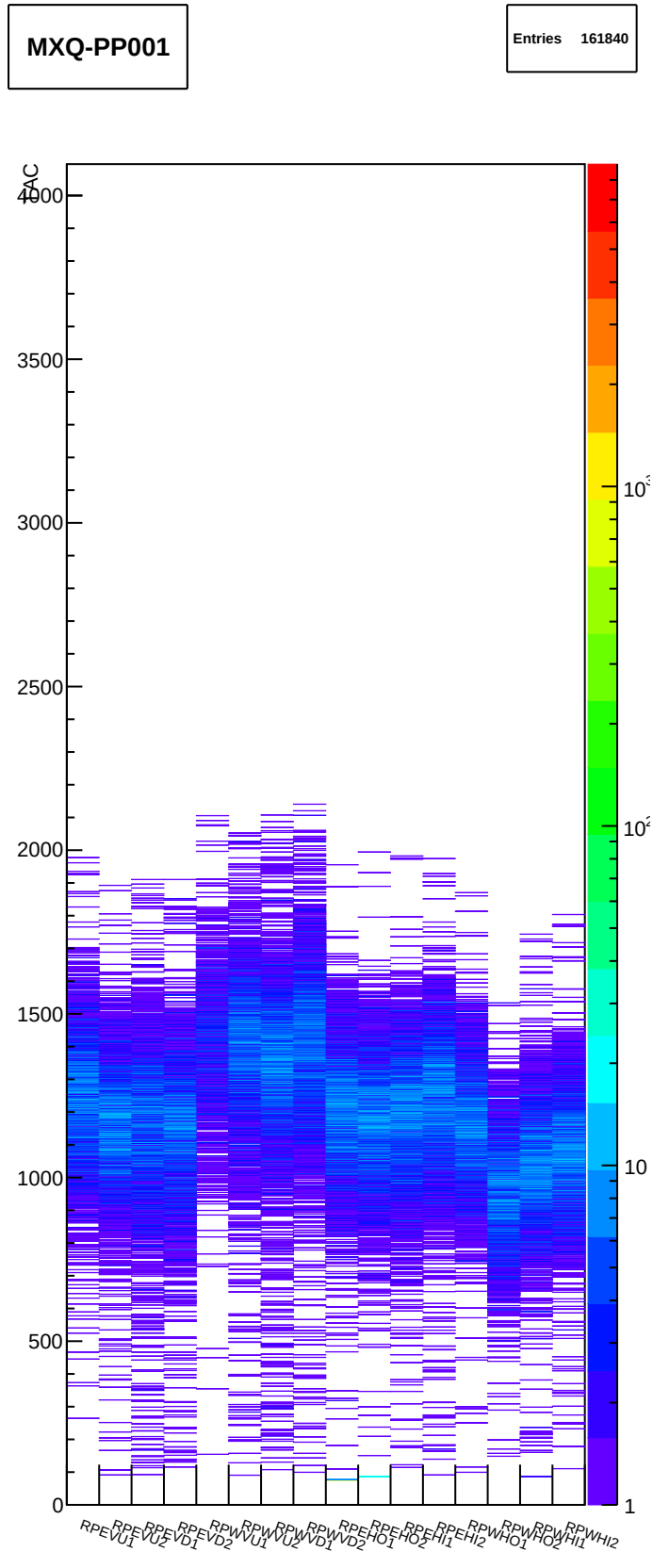

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 20230
TAC sum
1st-Best
2nd-Best
ID

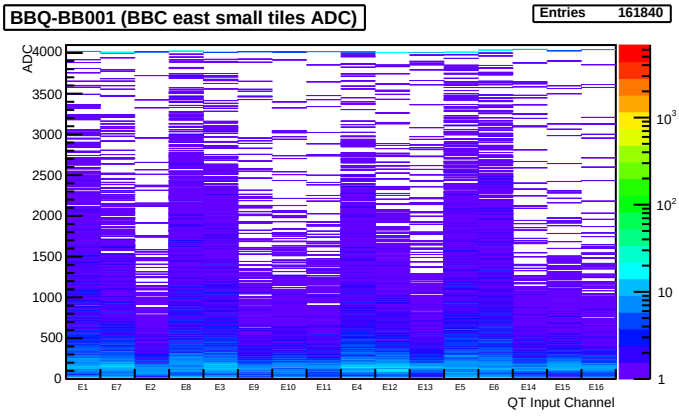

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 20230
TAC sum
1st-Best
2nd-Best
ID

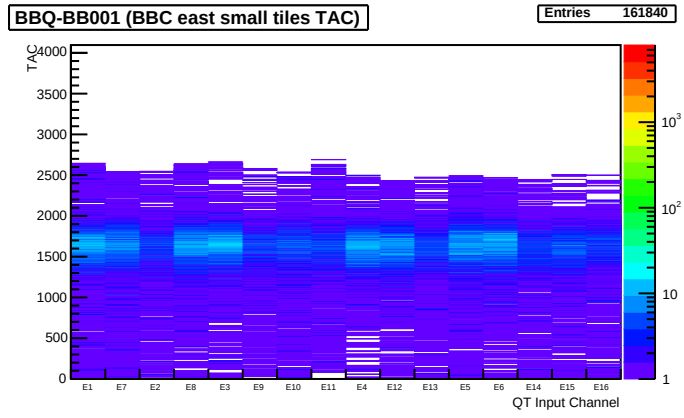

MIX-MT102 Input: VP003 Max TAC
Entries 10115

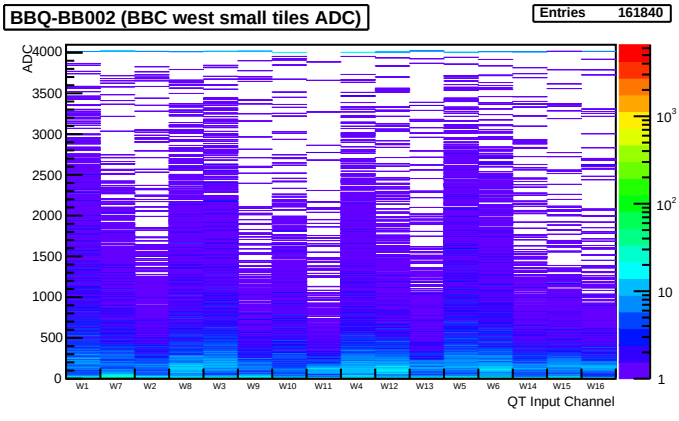

MIX-MT102 Input: VP004 Max TAC
Entries 10115

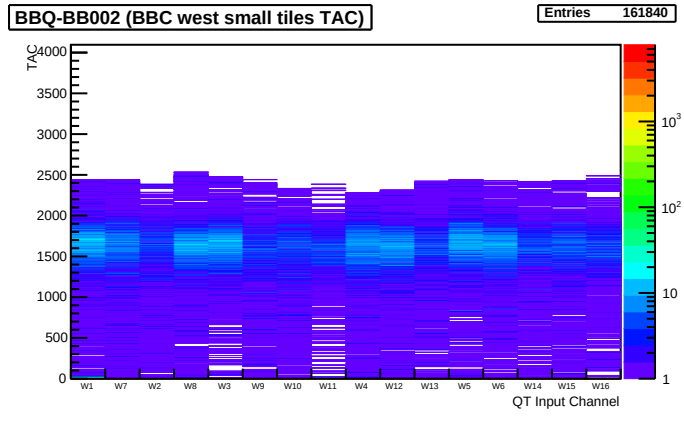

MXQ-PP001
Entries 161840
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

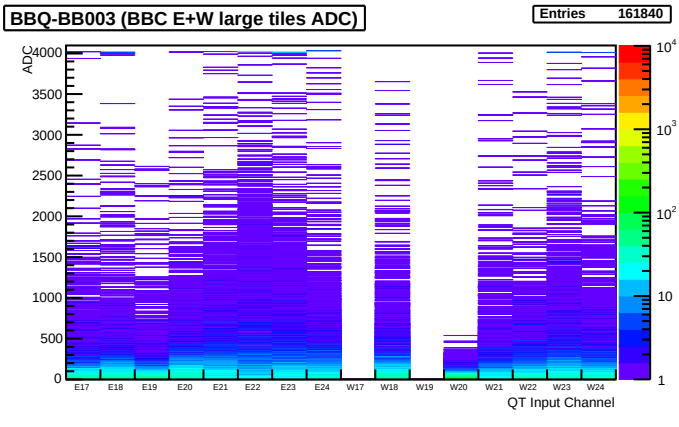

MXQ-PP001
Entries 161840
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

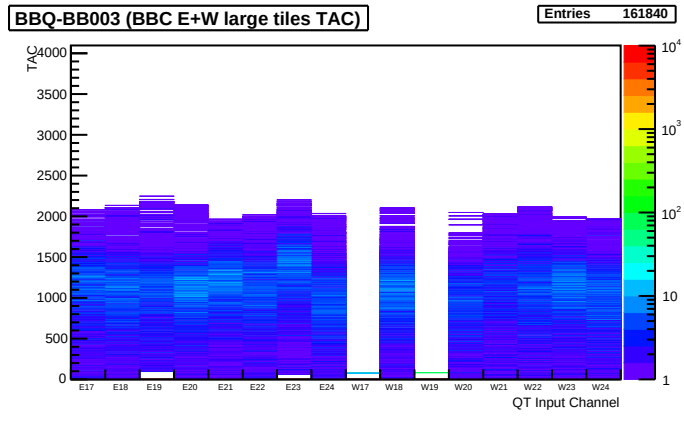

BBQ-BB001 (BBC east small tiles ADC)
Entries 161840
ADC
QT Input Channel

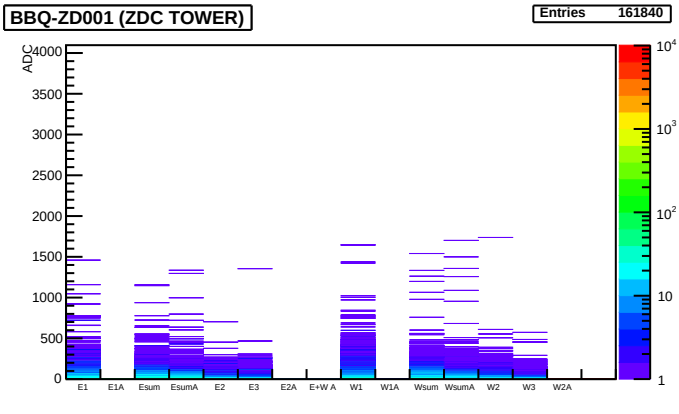

BBQ-BB001 (BBC east small tiles TAC)
Entries 161840
TAC
QT Input Channel

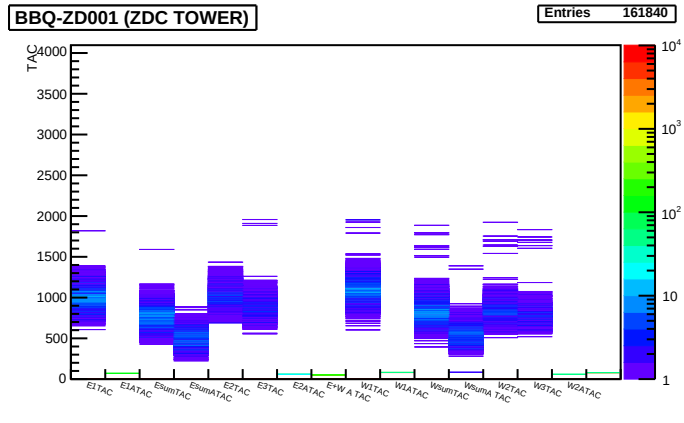

BBQ-BB002 (BBC west small tiles ADC)
Entries 161840
ADC
QT Input Channel

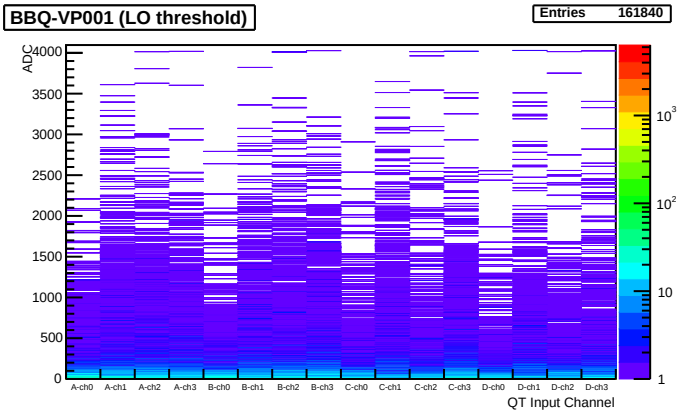

BBQ-BB002 (BBC west small tiles TAC)
Entries 161840
TAC
QT Input Channel

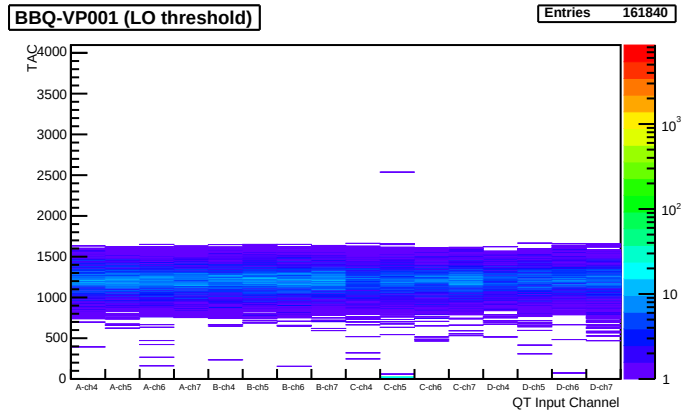

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 161840
ADC
QT Input Channel

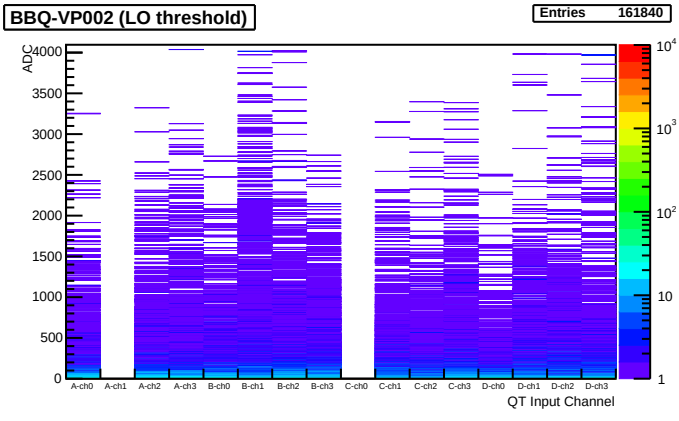

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 161840
TAC
QT Input Channel

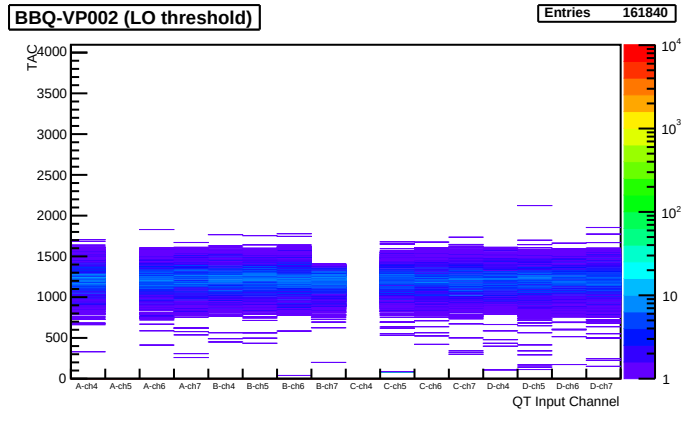

BBQ-ZD001 (ZDC TOWER)
Entries 161840
ADC

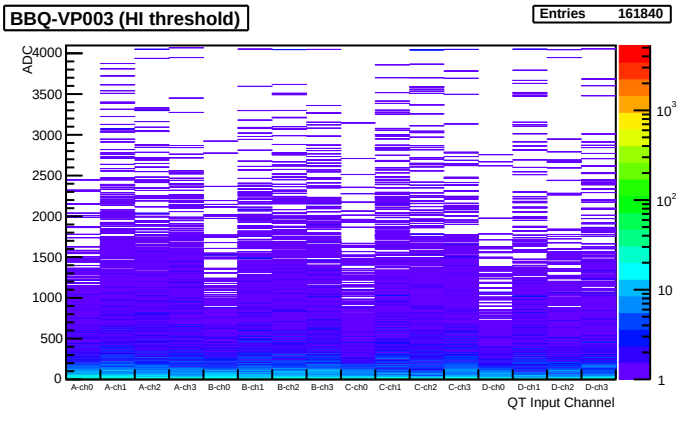

BBQ-ZD001 (ZDC TOWER)
Entries 161840
TAC

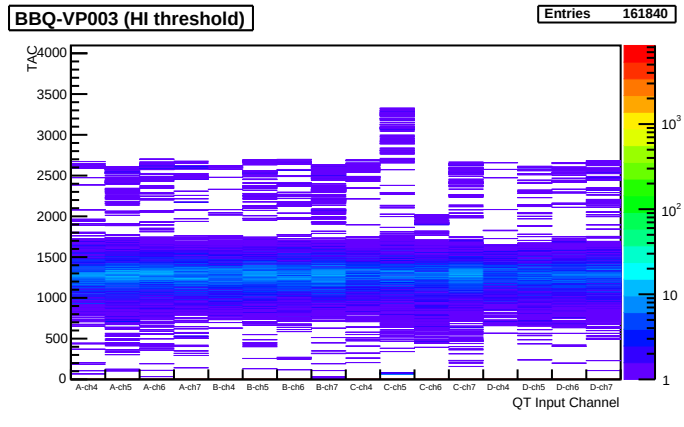

BBQ-VP001 (LO threshold)
Entries 161840
ADC
QT Input Channel

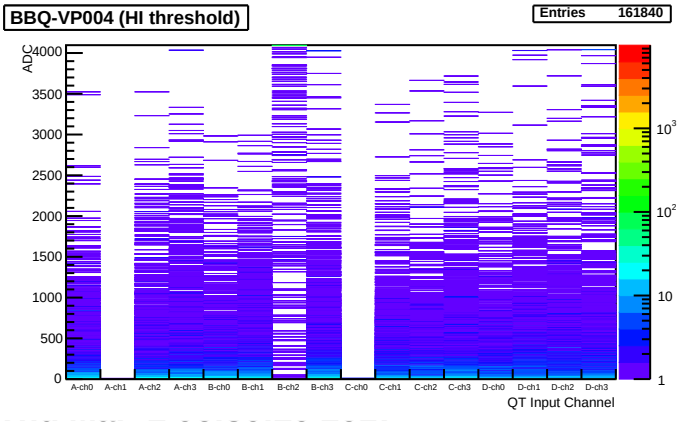

BBQ-VP001 (LO threshold)
Entries 161840
TAC
QT Input Channel

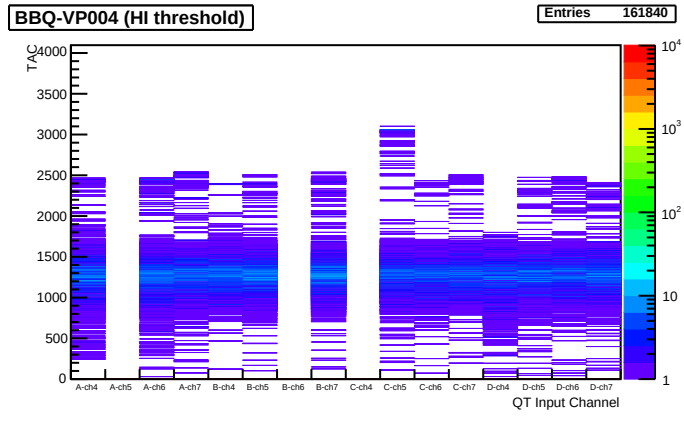

BBQ-VP002 (LO threshold)
Entries 161840
ADC
QT Input Channel

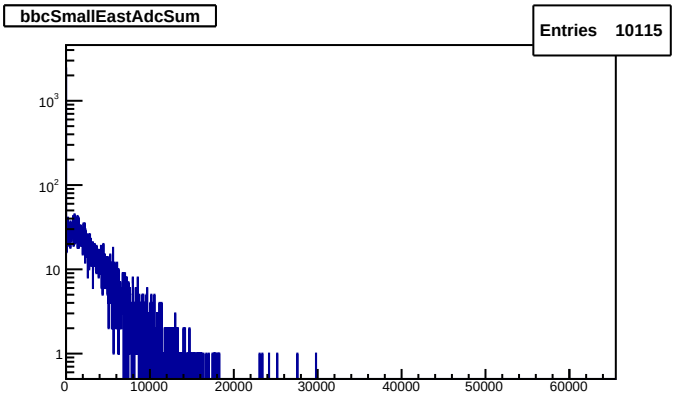

BBQ-VP002 (LO threshold)
Entries 161840
TAC
QT Input Channel

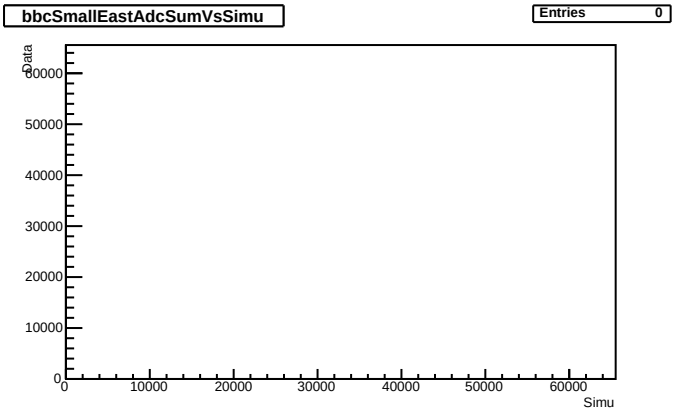

BBQ-VP003 (HI threshold)
Entries 161840
ADC
QT Input Channel

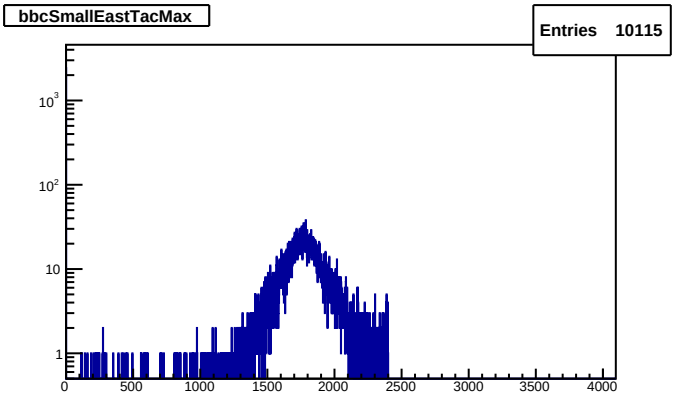

BBQ-VP003 (HI threshold)
Entries 161840
TAC
QT Input Channel

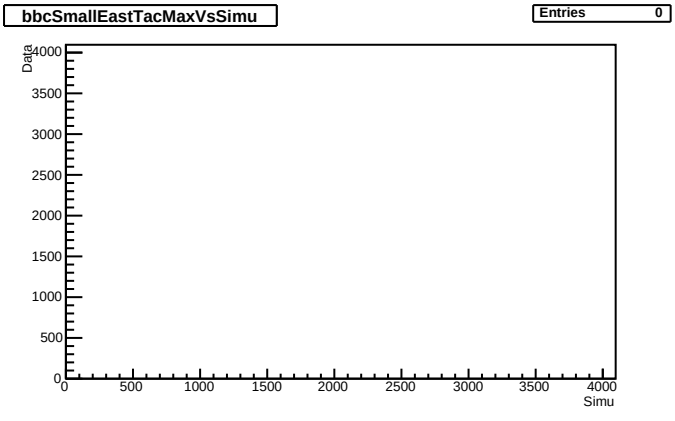

BBQ-VP004 (HI threshold)
Entries 161840
ADC
QT Input Channel

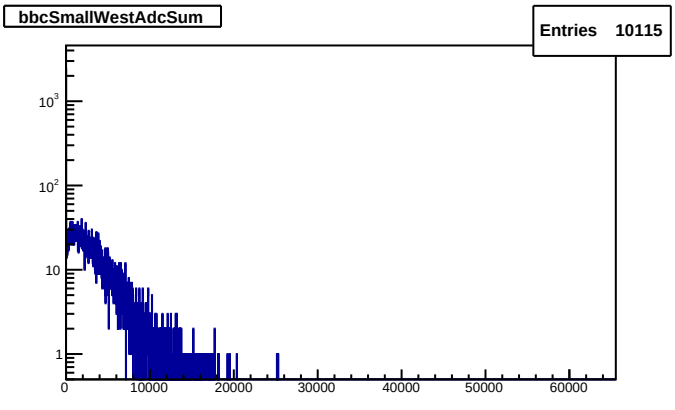

BBQ-VP004 (HI threshold)
Entries 161840
TAC
QT Input Channel

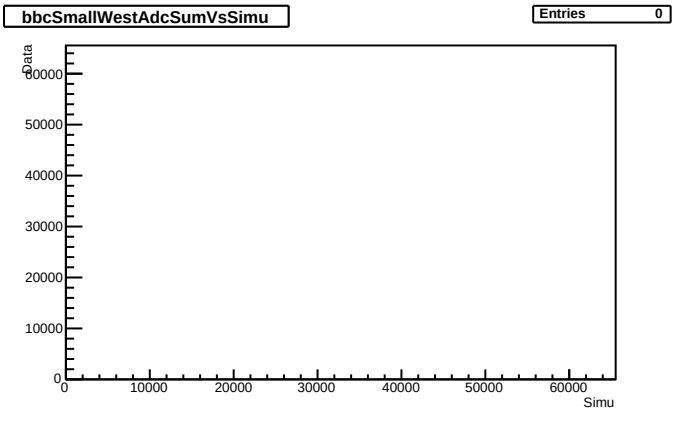

bbcSmallEastAdcSum
Entries 10115

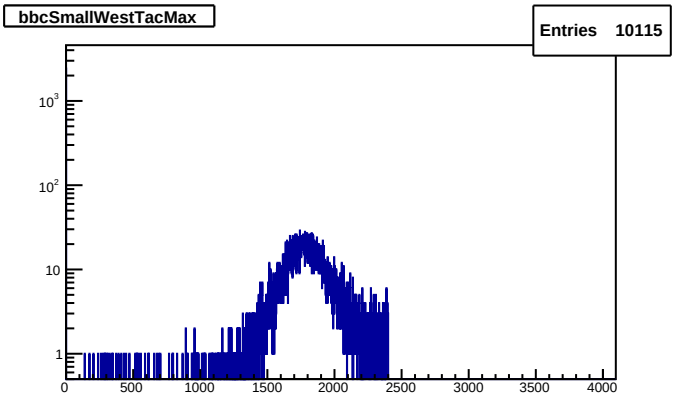

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

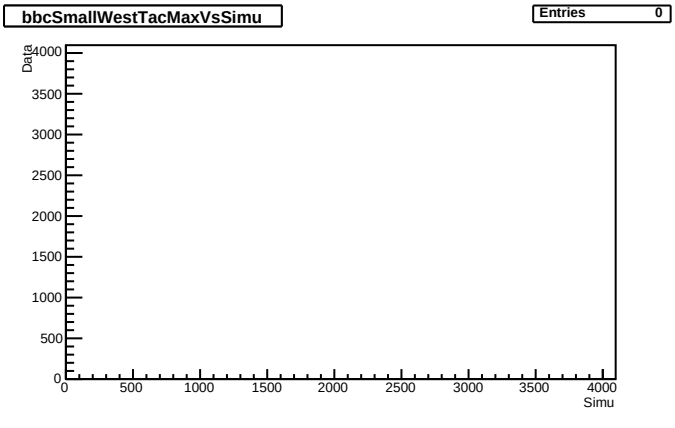

bbcSmallEastTacMax
Entries 10115

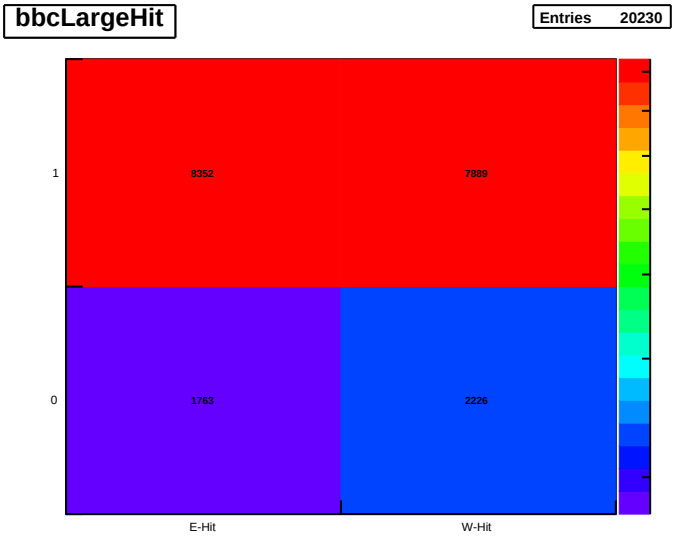

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

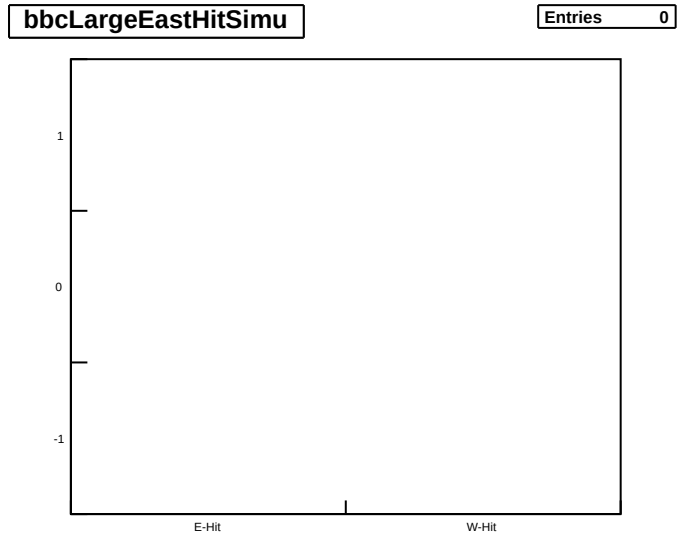

bbcSmallWestAdcSum
Entries 10115

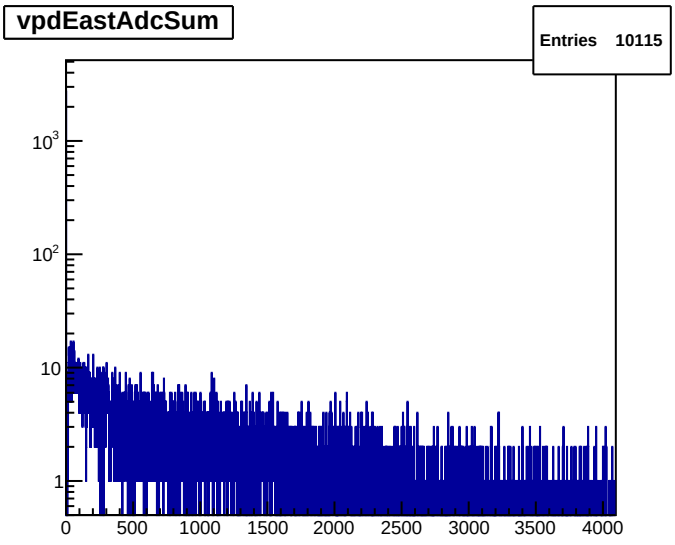

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

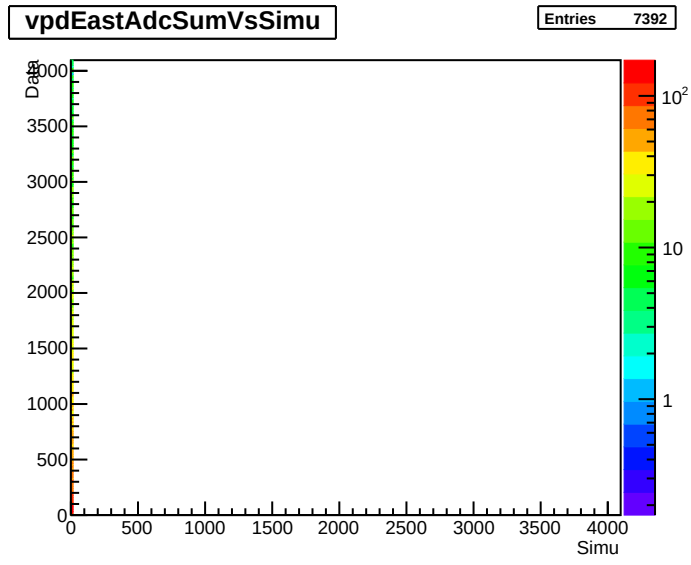

bbcSmallWestTacMax
Entries 10115

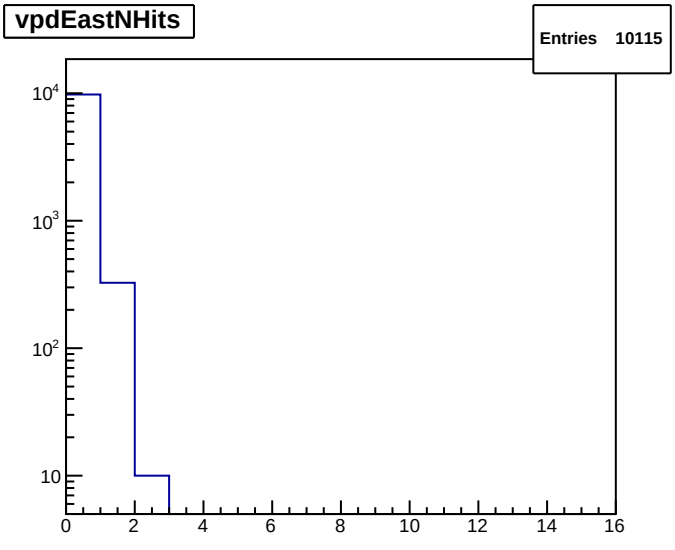

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

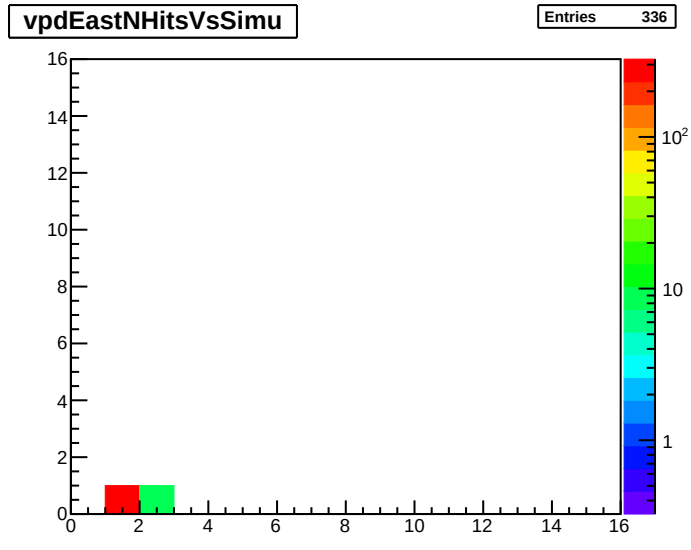

bbcLargeHit
Entries 20230
1
0
8352
7889
1763
2226
E-Hit
W-Hit

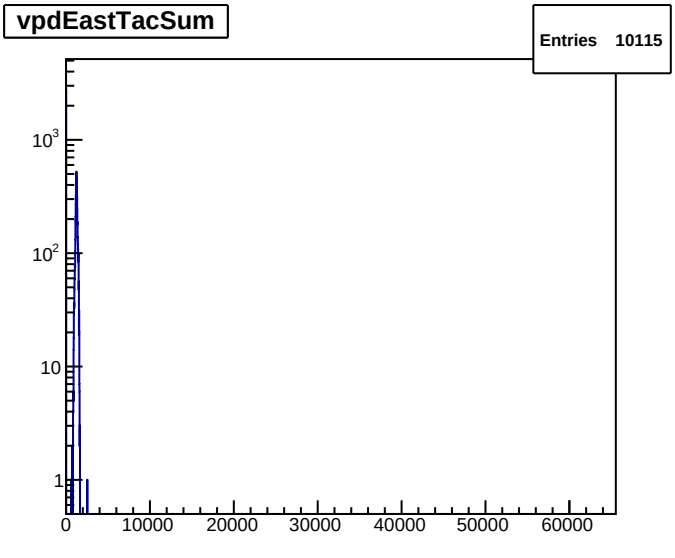

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

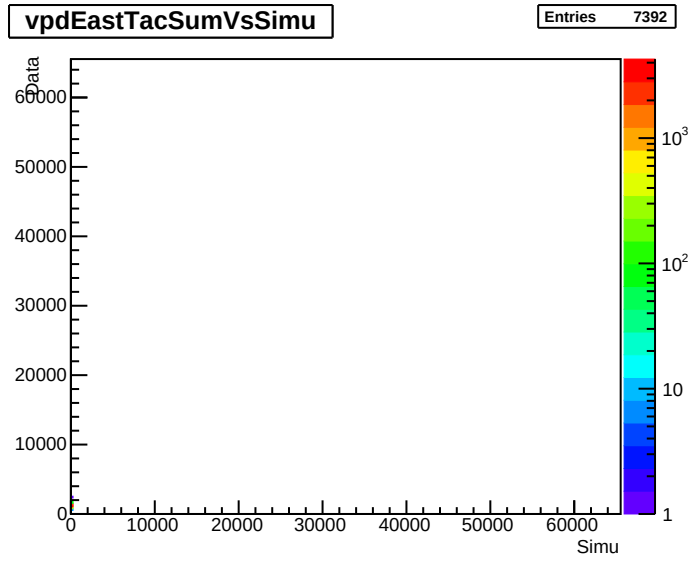

vpdEastAdcSum
Entries 10115

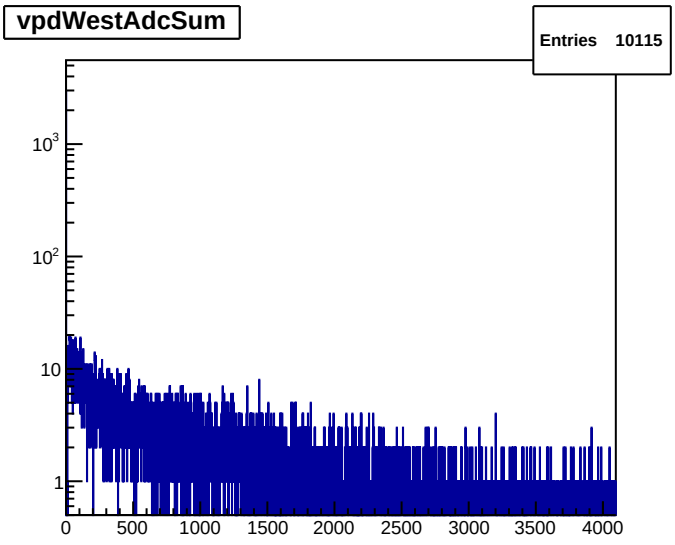

vpdEastAdcSumVsSimu
Entries 7392
Data
Simu

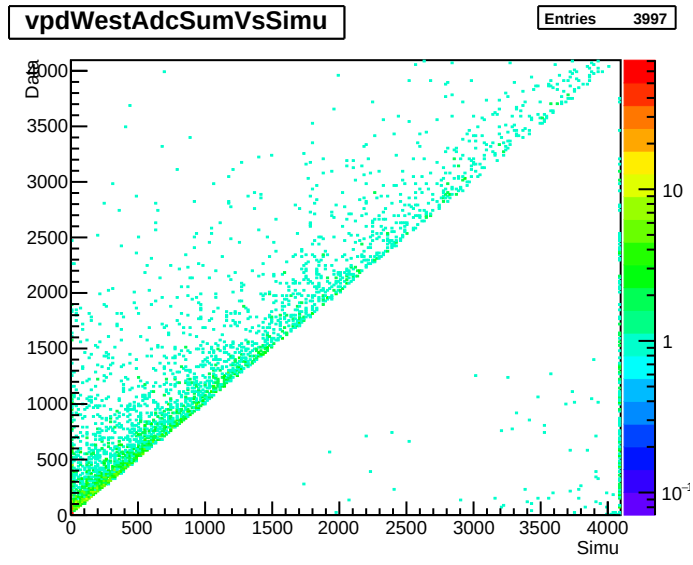

vpdEastNHits
Entries 10115

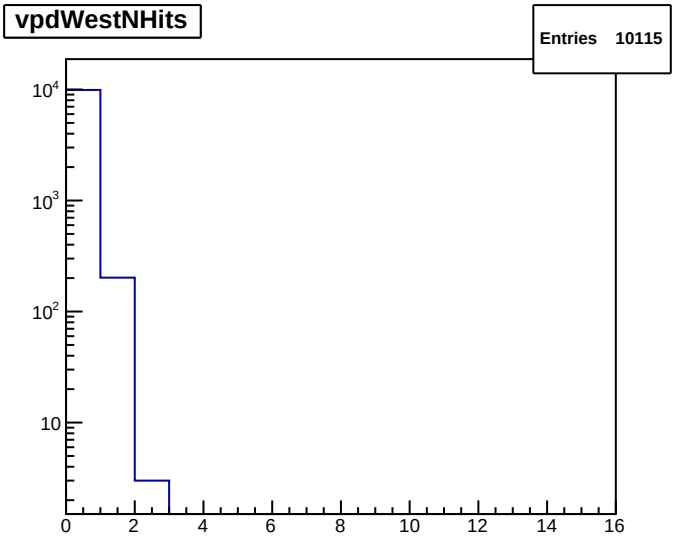

vpdEastNHitsVsSimu
Entries 336

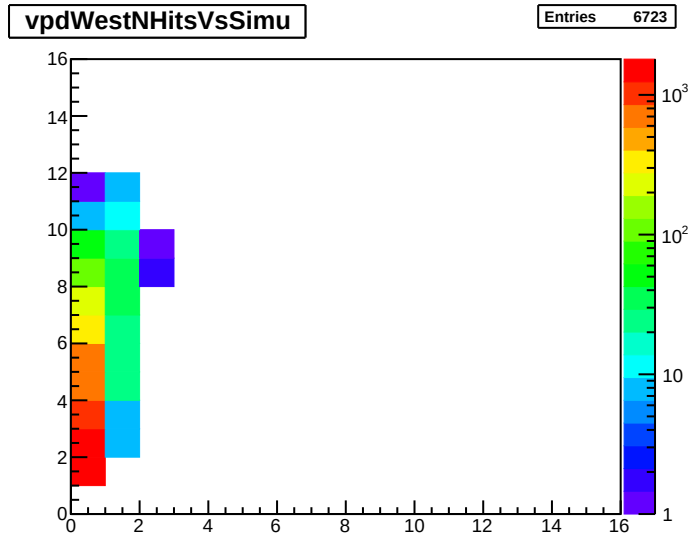

vpdEastTacSum
Entries 10115

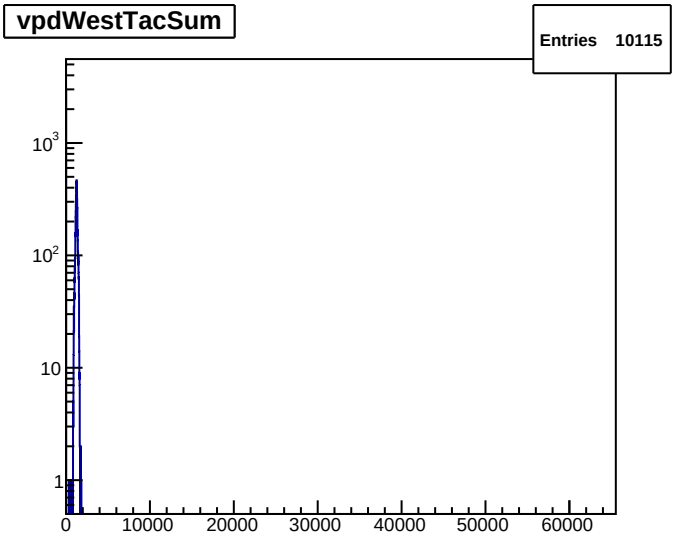

vpdEastTacSumVsSimu
Entries 7392
Data
Simu

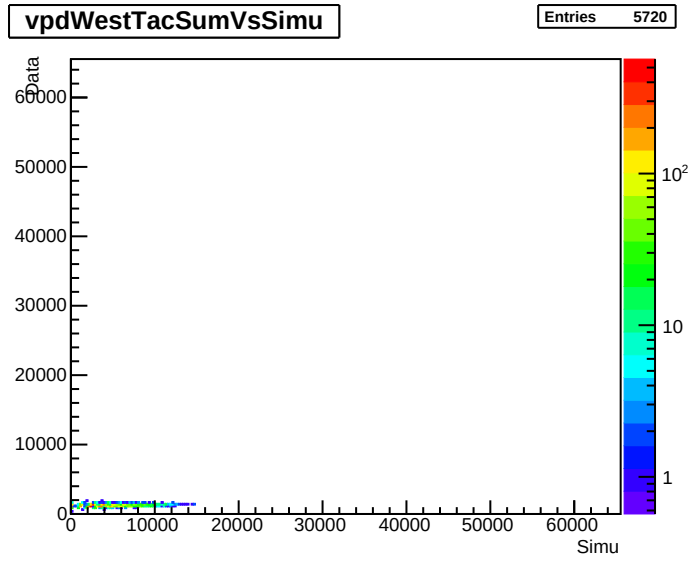

vpdWestAdcSum
Entries 10115

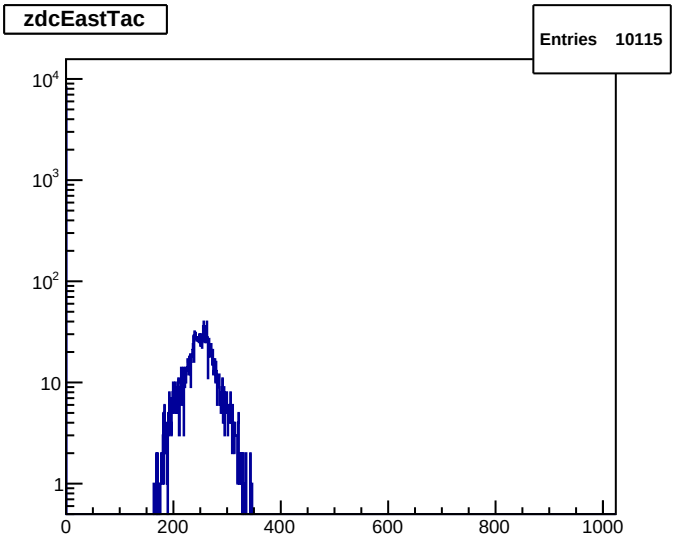

vpdWestAdcSumVsSimu
Entries 3997
Data
Simu

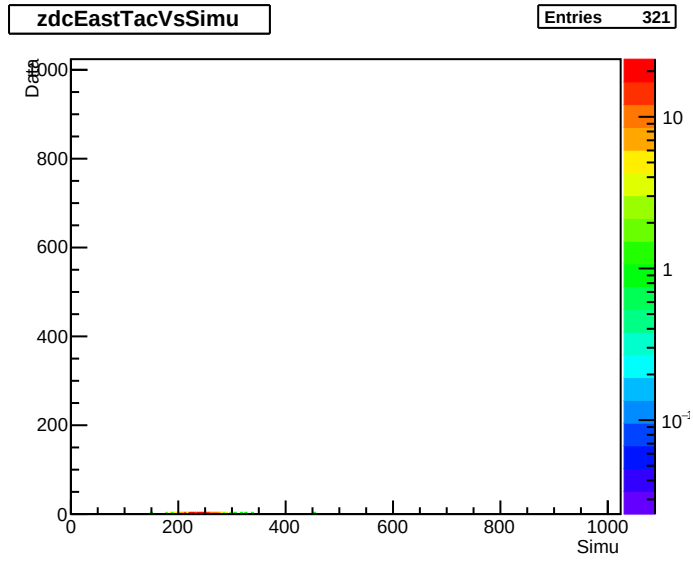

vpdWestNHits
Entries 10115

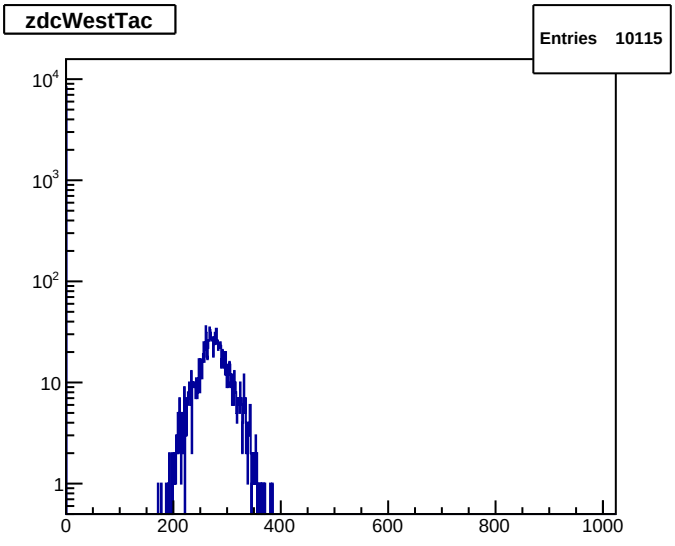

vpdWestNHitsVsSimu
Entries 6723

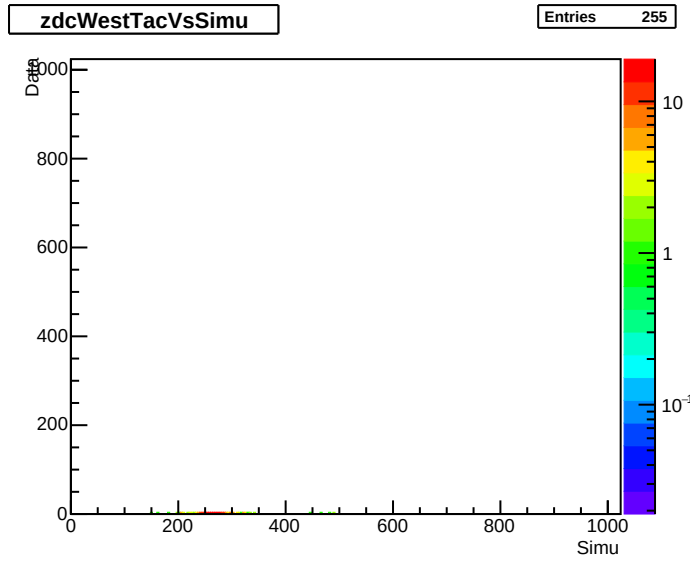

vpdWestTacSum
Entries 10115

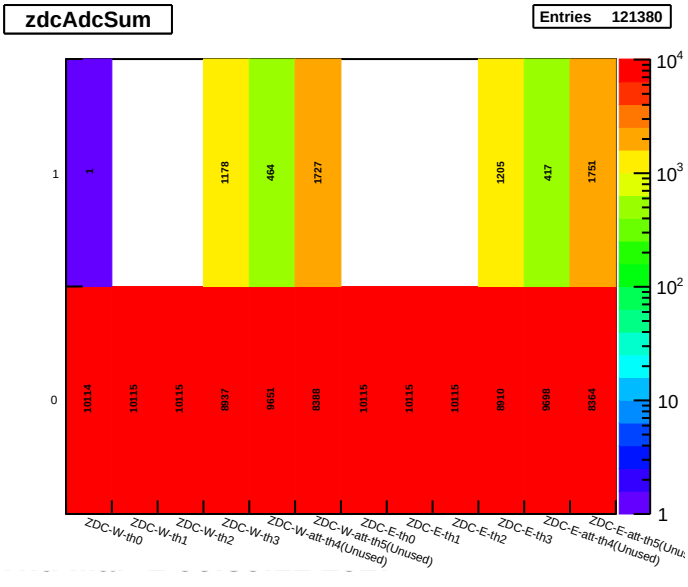

vpdWestTacSumVsSimu
Entries 5720
Data
Simu

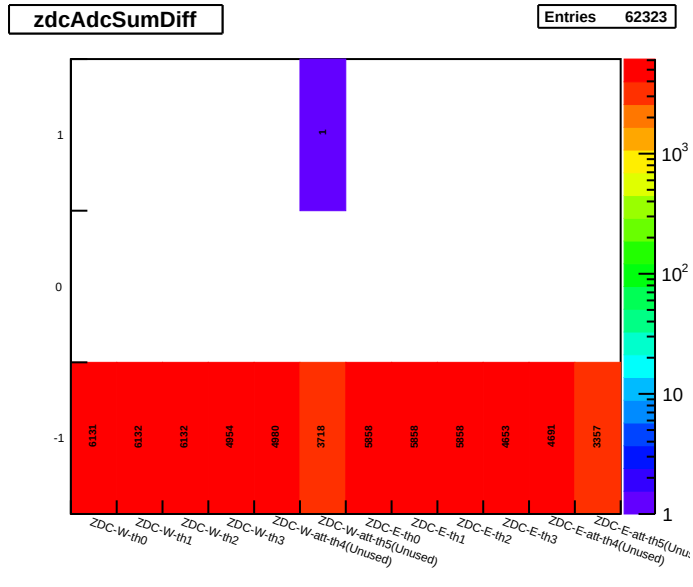

zdcEastTac
Entries 10115

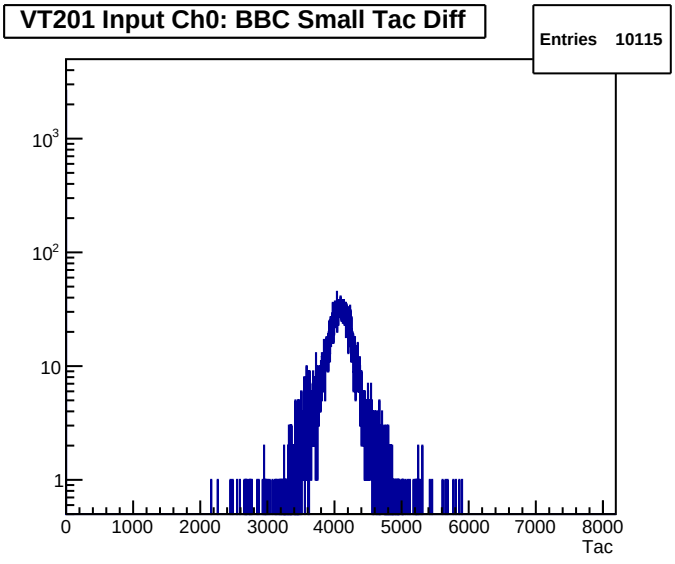

zdcEastTacVsSimu
Entries 321
Data
Simu

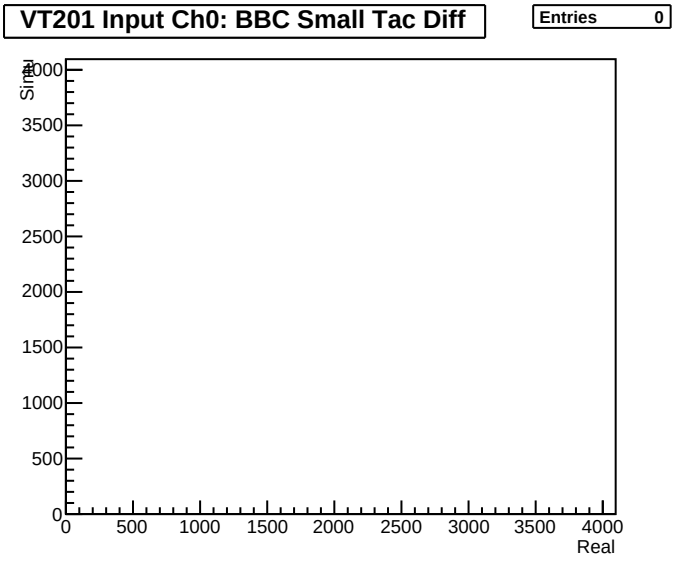

zdcWestTac
Entries 10115

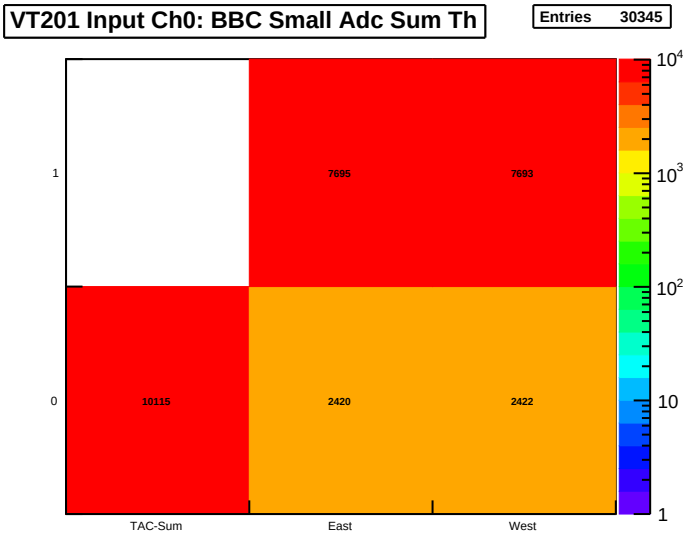

zdcWestTacVsSimu
Entries 255
Data
Simu

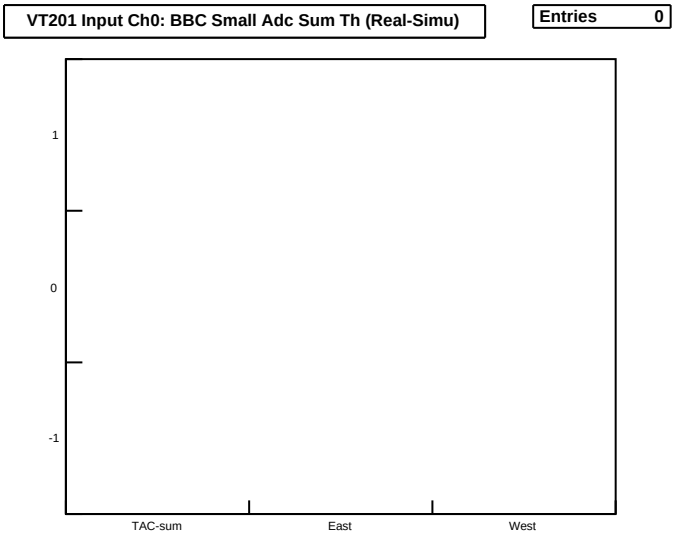

zdcAdcSum
Entries 121380
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

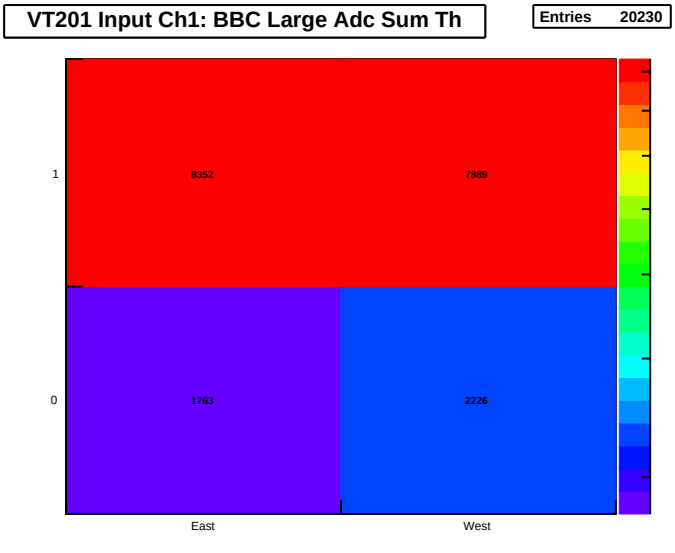

zdcAdcSumDiff
Entries 62323
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

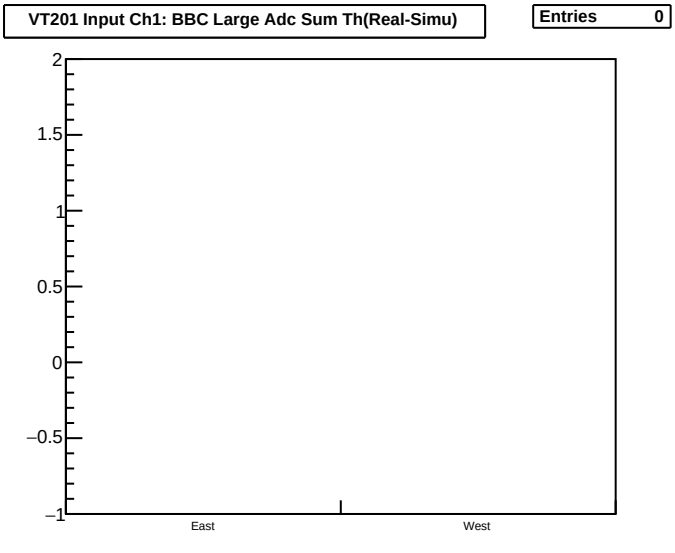

VT201 Input Ch0: BBC Small Tac Diff
Entries 10115
Tac


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

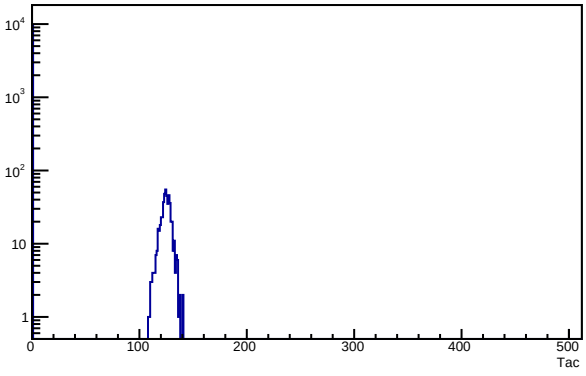

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 30345
7695
7693
10115
2420
2422
TAC-Sum
East
West


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

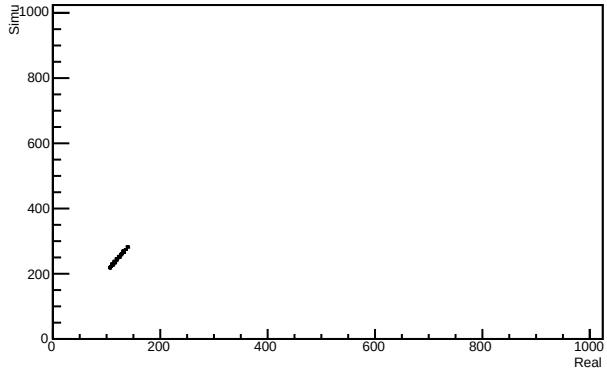

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 20230
8352
7889
1763
2226
East
West


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

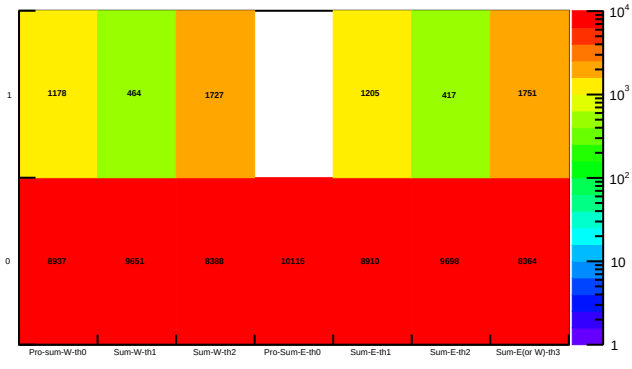
VT201 Input Ch2: ZDC Tac Diff



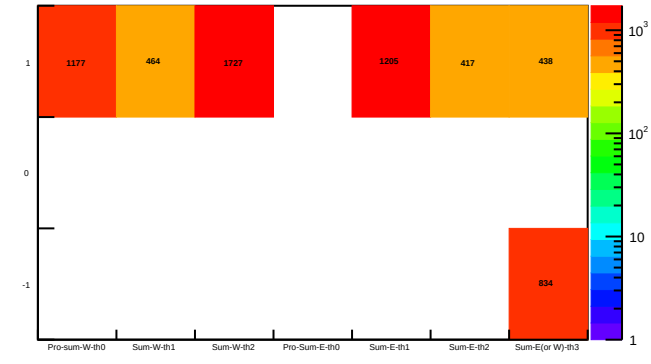
VT201 Input Ch2: ZDC Tac Diff



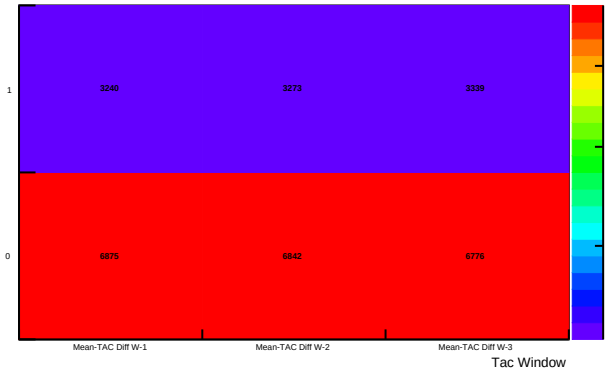
VT201 Input Ch2: ZDC Adc Sum Th



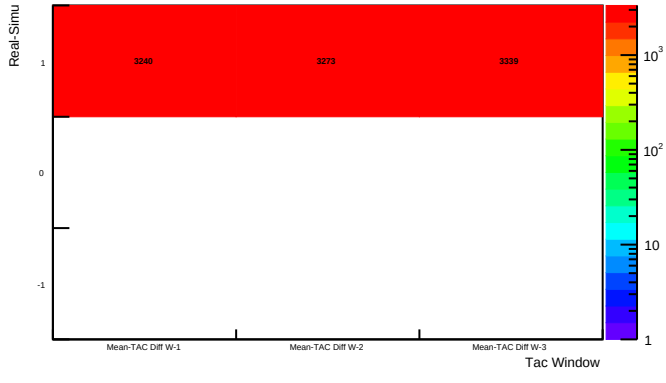
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



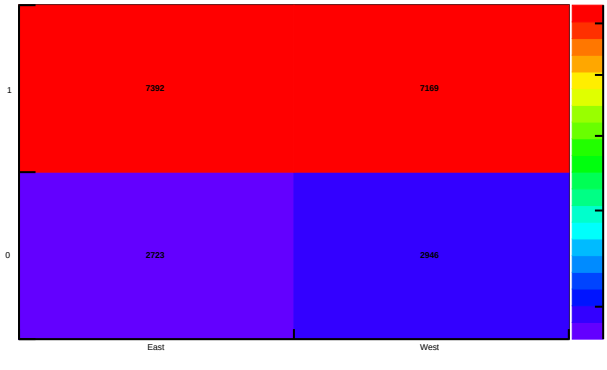
VT201 Input Ch4: VPD Tac Diff



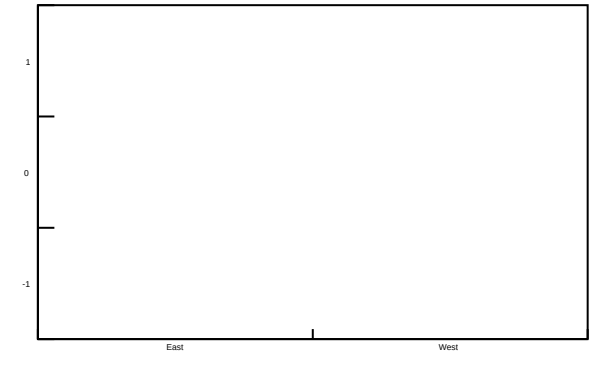
VT201 Input Ch4: VPD Tac Diff

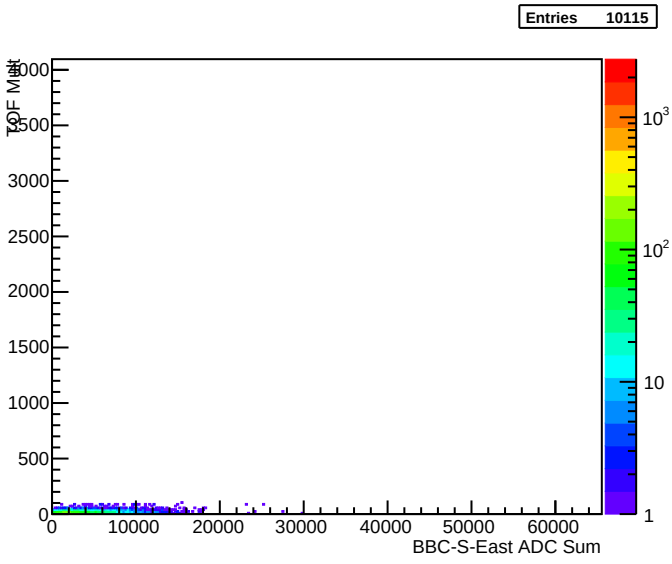


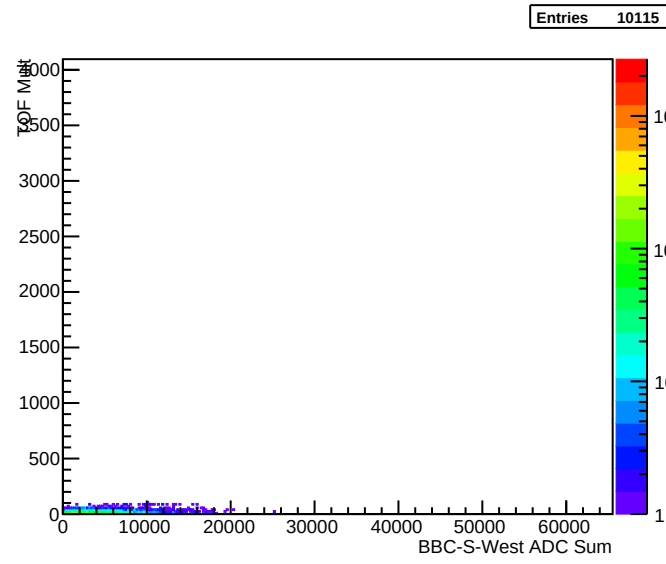
VT201 Input Ch4: VPD Adc Sum Th

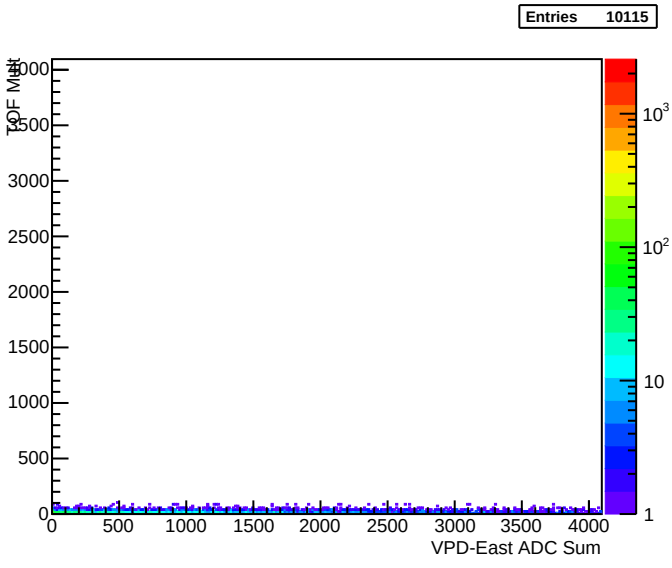


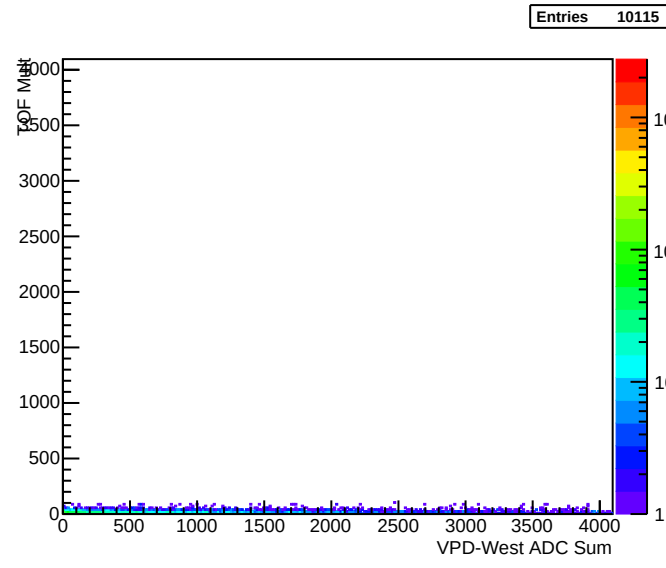
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

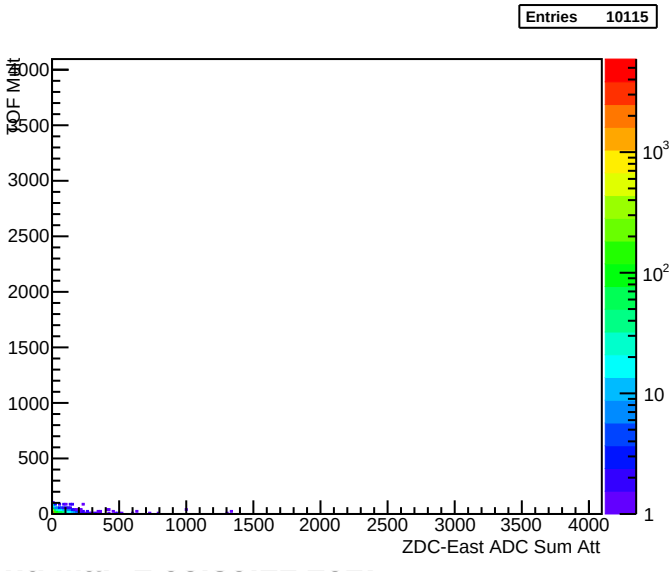


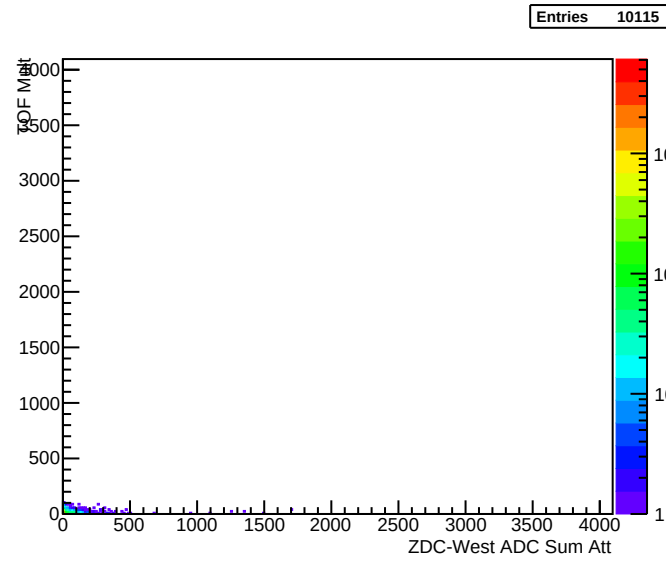

Entries 10115
TOF Mult
BBC-S-East ADC Sum

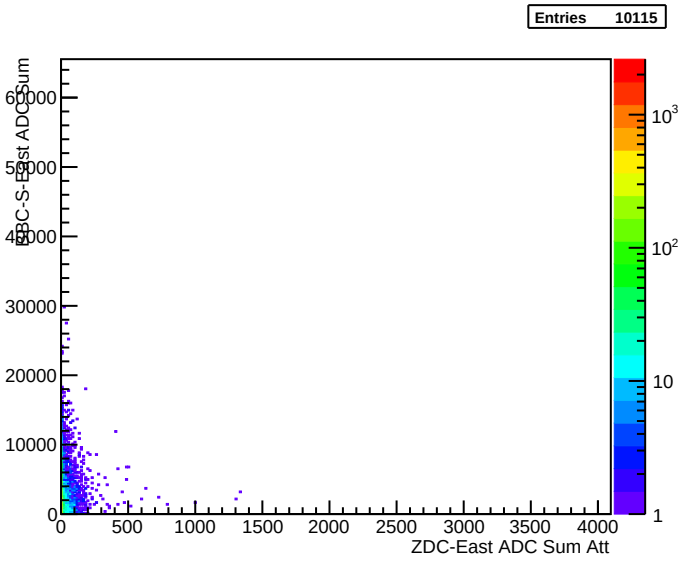

Entries 10115
TOF Mult
BBC-S-West ADC Sum

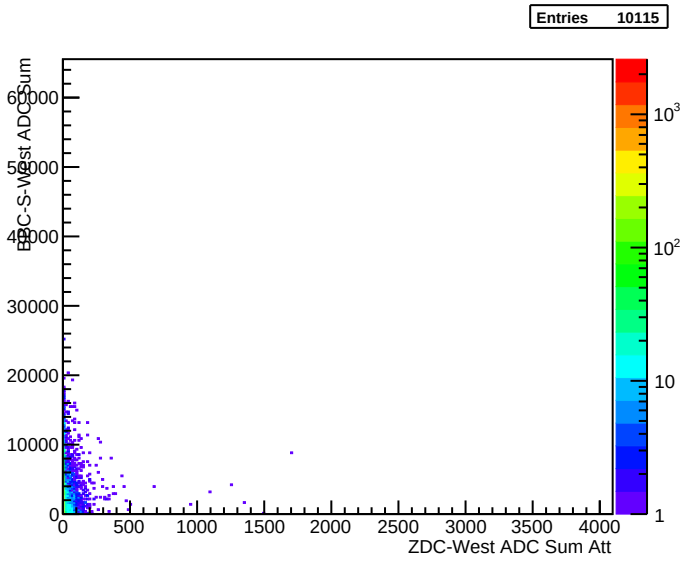

Entries 10115
TOF Mult
VPD-East ADC Sum

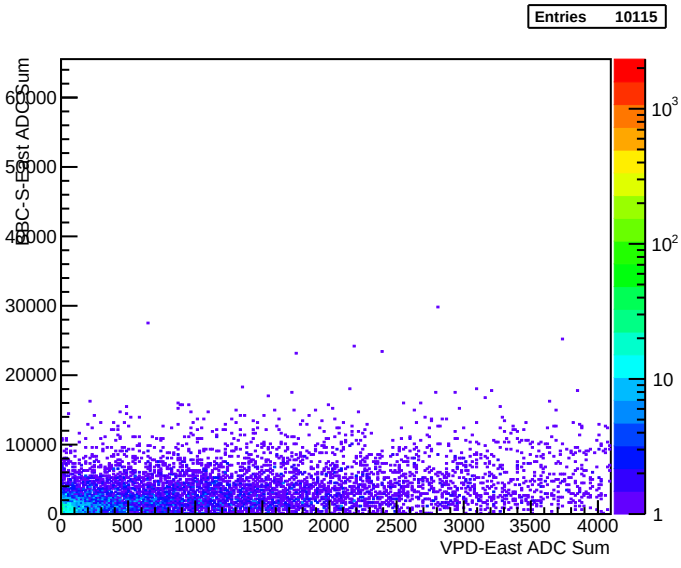

Entries 10115
TOF Mult
VPD-West ADC Sum

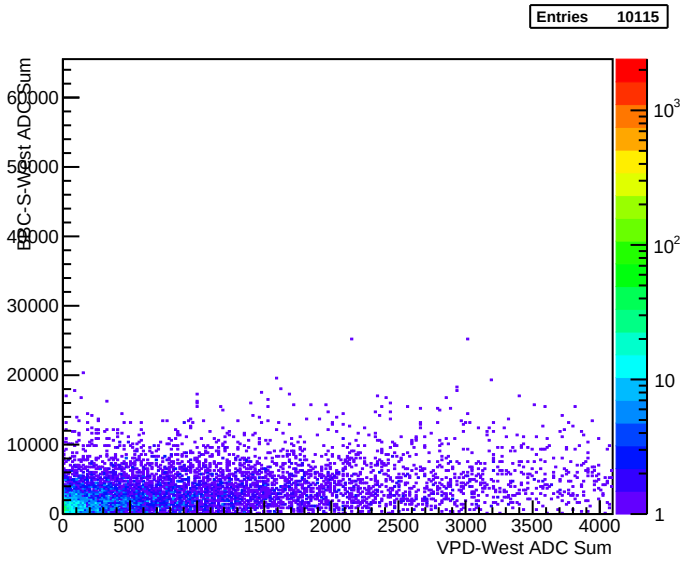

Entries 10115
TOF Mult
ZDC-East ADC Sum Att

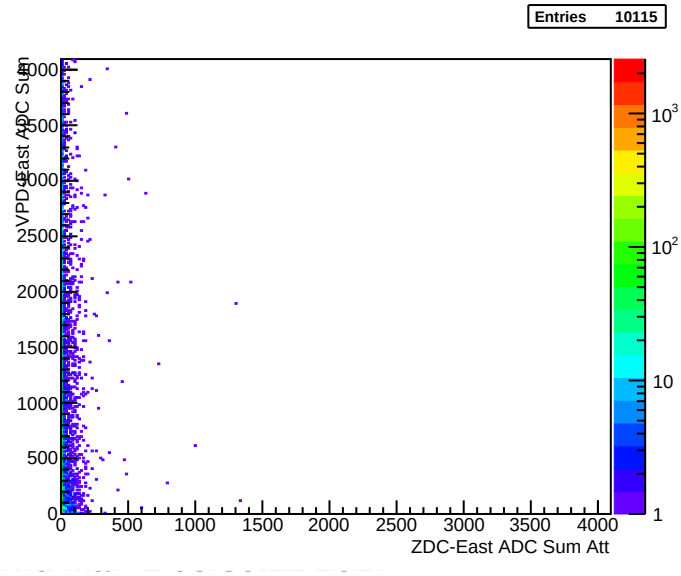

Entries 10115
TOF Mult
ZDC-West ADC Sum Att

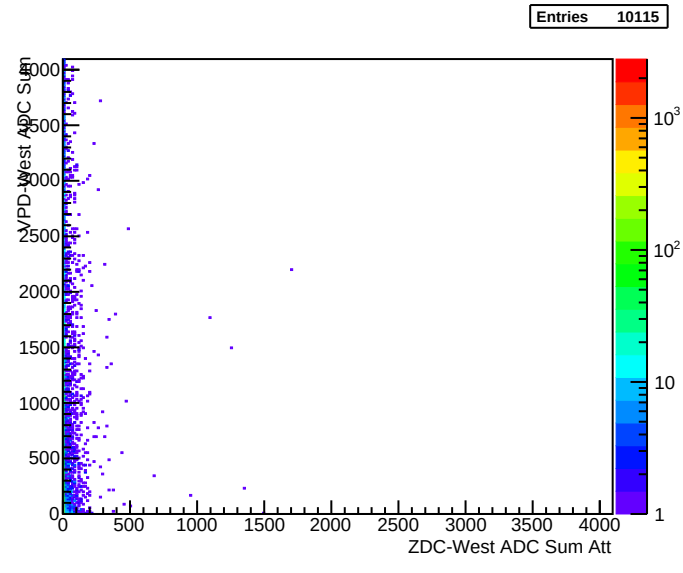

Entries 10115
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

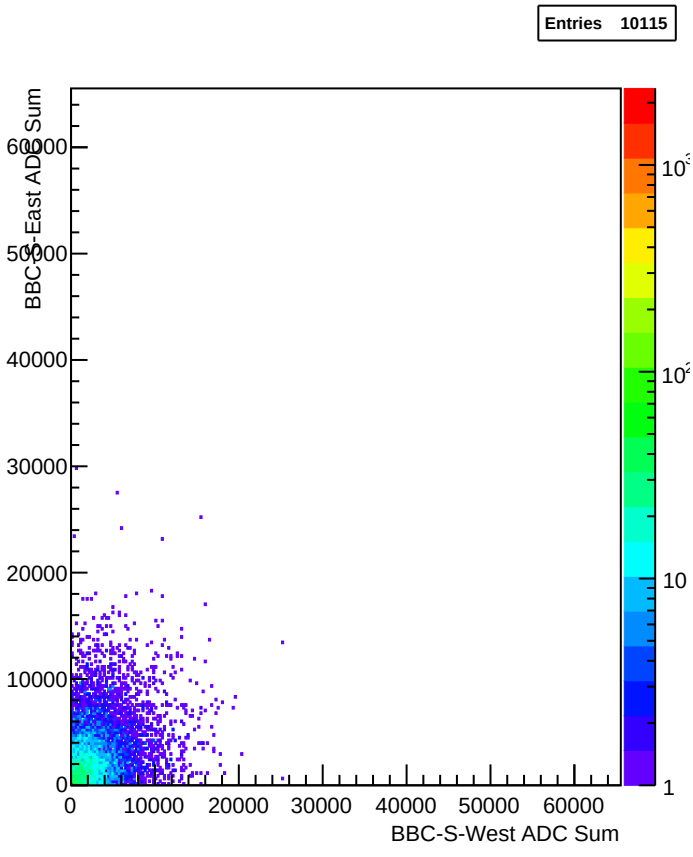

Entries 10115
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

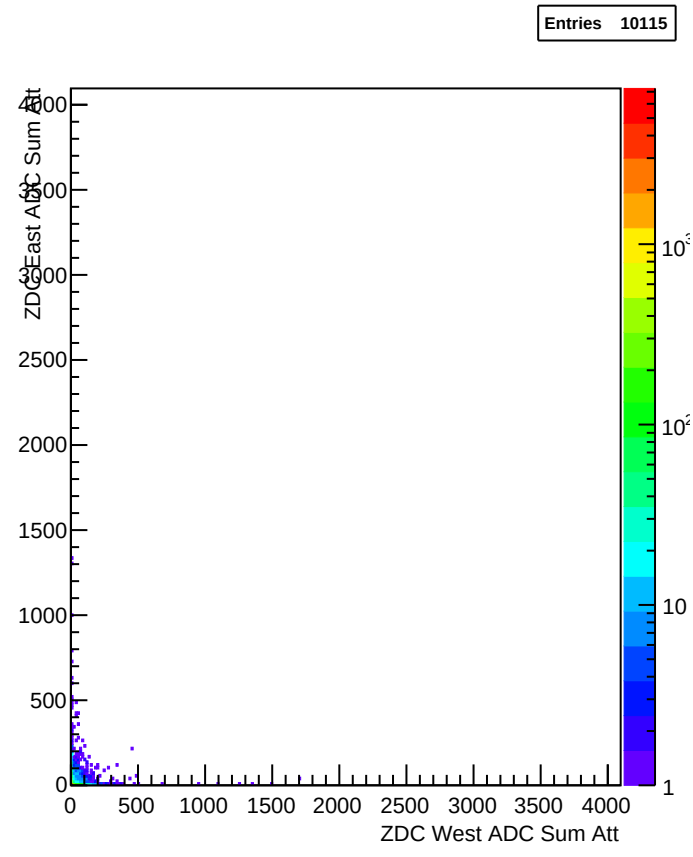

Entries 10115
BBC-S-East ADC Sum
VPD-East ADC Sum

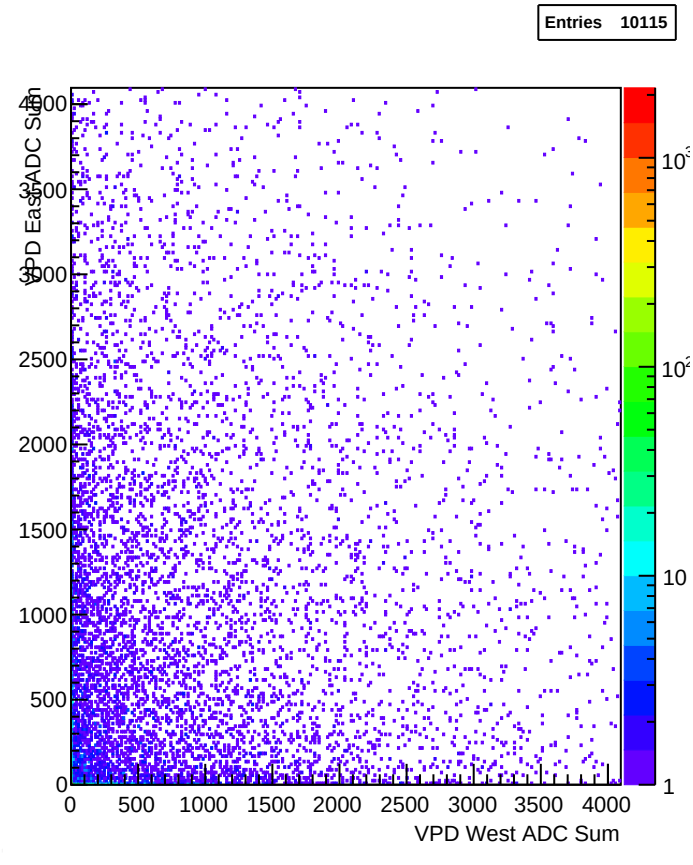

Entries 10115
BBC-S-West ADC Sum
VPD-West ADC Sum

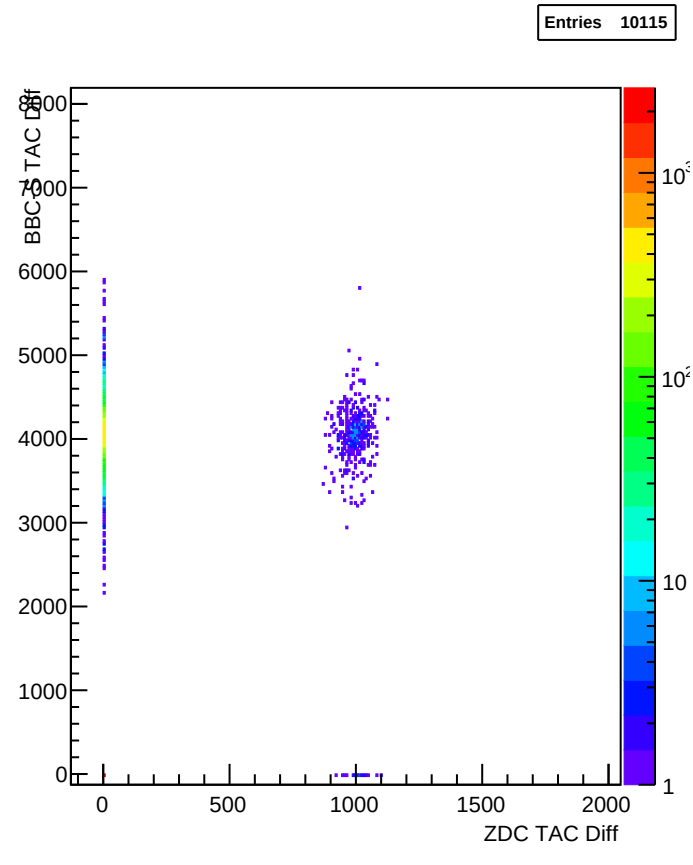

Entries 10115
VPD-East ADC Sum
ZDC-East ADC Sum Att

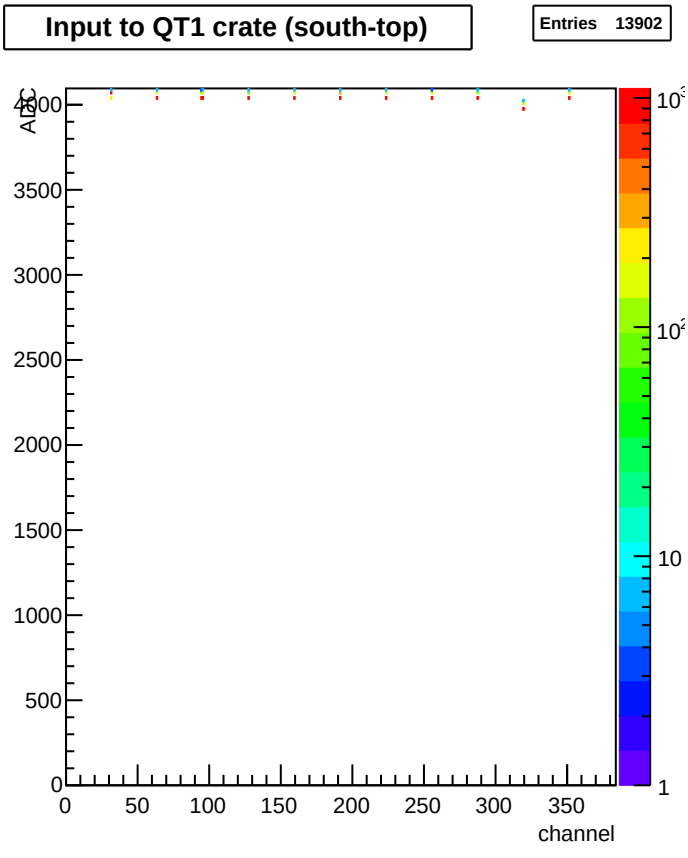

Entries 10115
VPD-West ADC Sum
ZDC-West ADC Sum Att

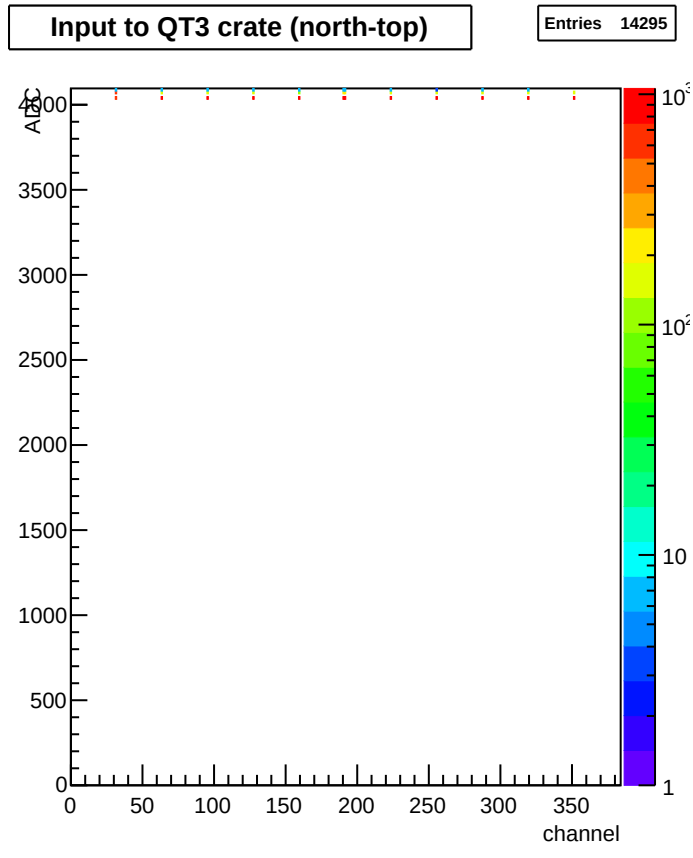

Entries 10115
BBC-S-East ADC Sum
BBC-S-West ADC Sum

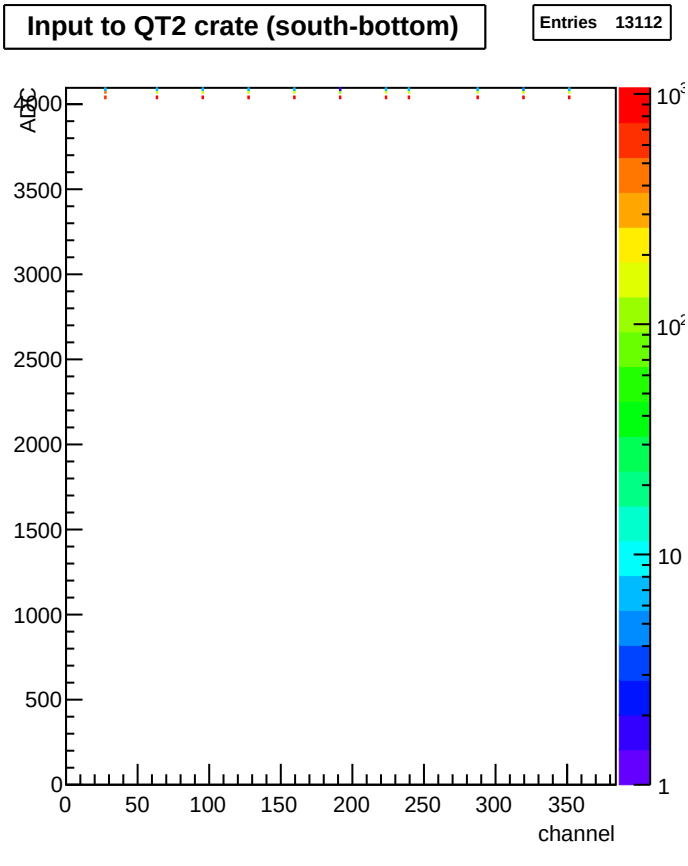

Entries 10115
ZDC East ADC Sum Att
ZDC West ADC Sum Att

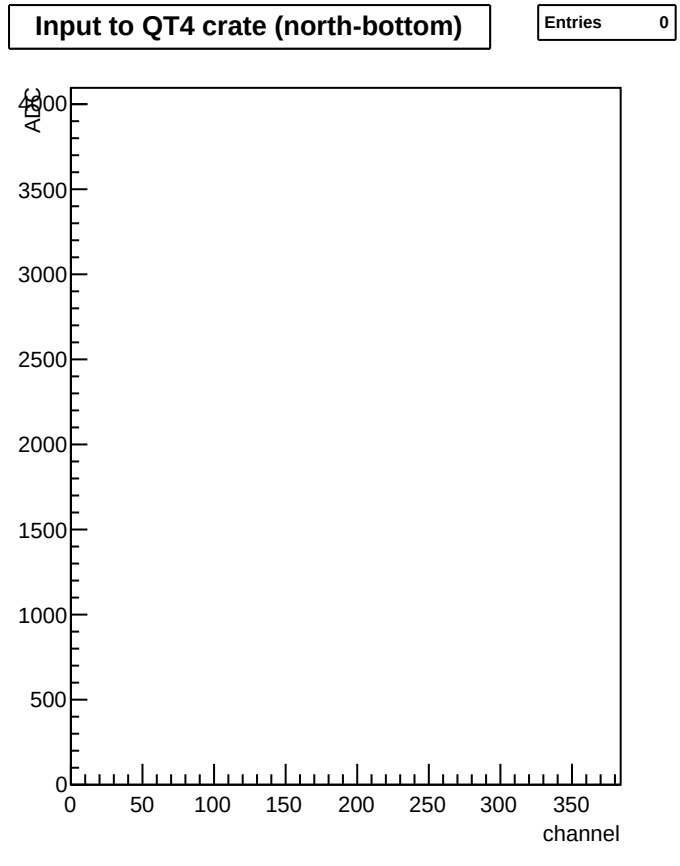

Entries 10115
VPD East ADC Sum
VPD West ADC Sum

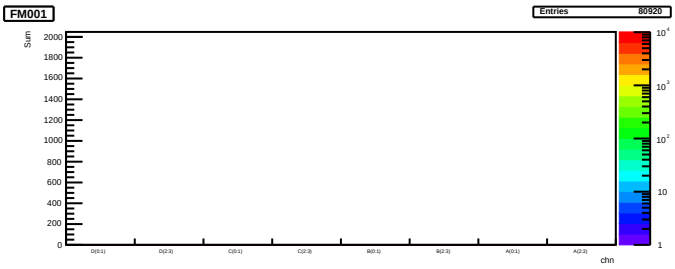

Entries 10115
BBC-S TAC Diff
ZDC TAC Diff

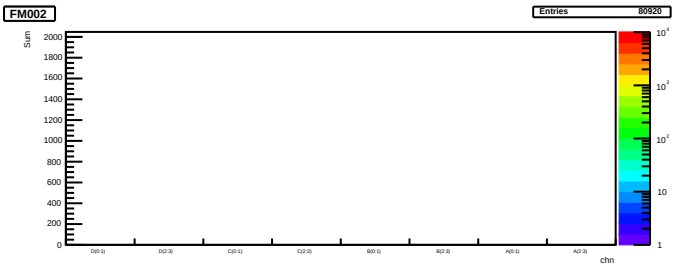

Input to QT1 crate (south-top)
Entries 13902
ADC
channel

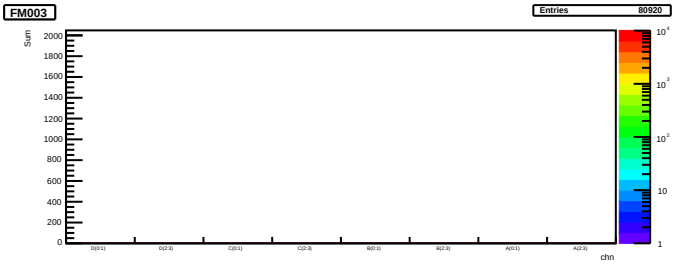

Input to QT3 crate (north-top)
Entries 14295
ADC
channel

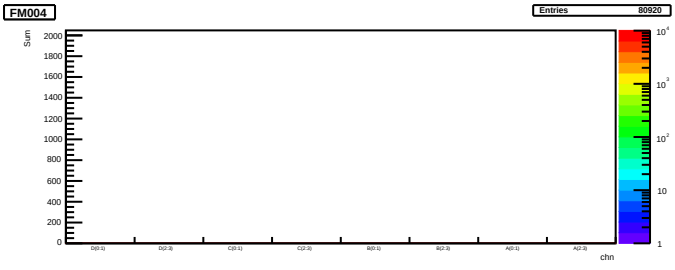

Input to QT2 crate (south-bottom)
Entries 13112
ADC
channel

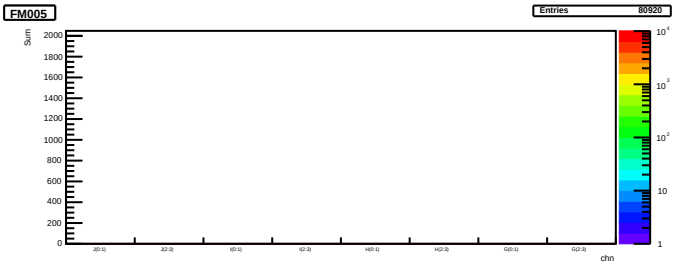

Input to QT4 crate (north-bottom)
Entries 0
ADC
channel

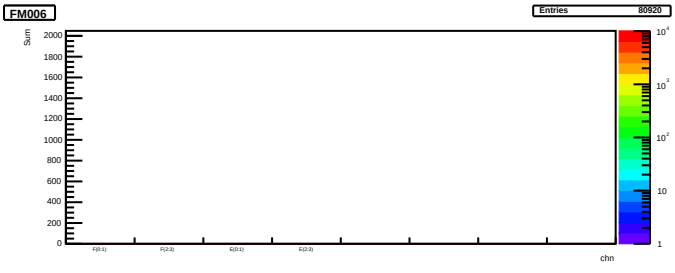

FM001
Entries 80920
Sum
chn

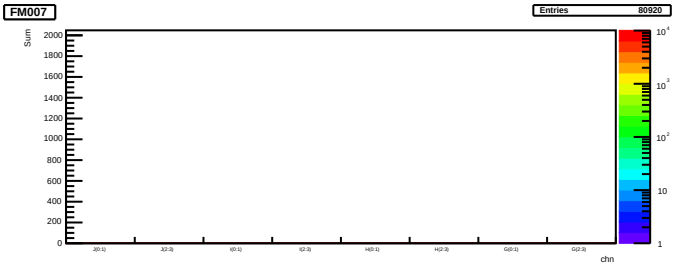

FM002
Entries 80920
Sum
chn

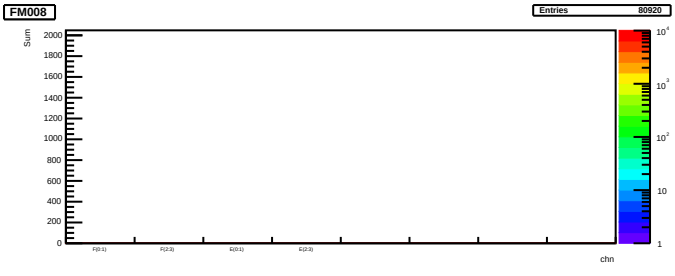

FM003
Entries 80920
Sum
chn

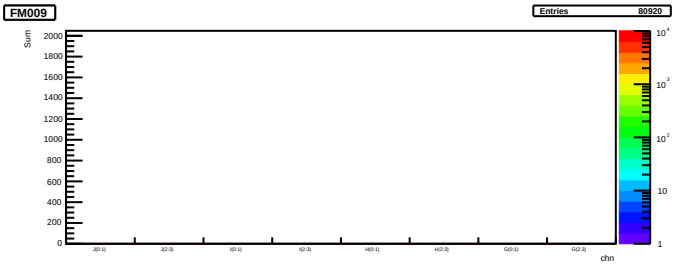

FM004
Entries 80920
Sum
chn

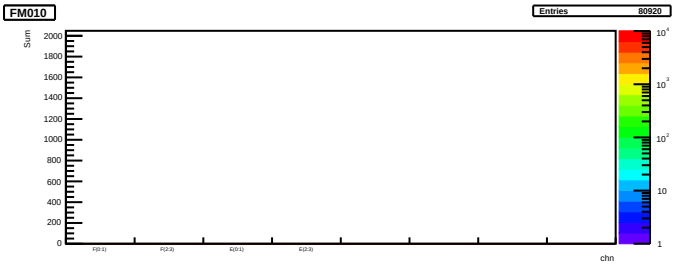

FM005
Entries 80920
Sum
chn

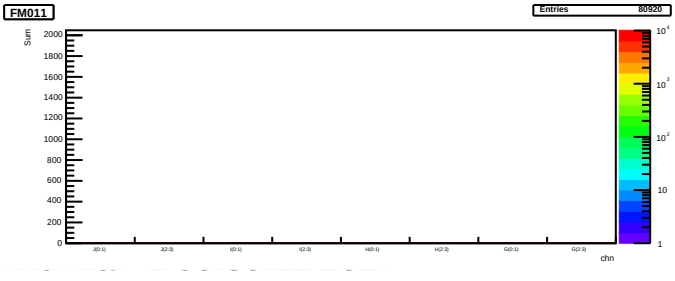

FM006
Entries 80920
Sum
chn

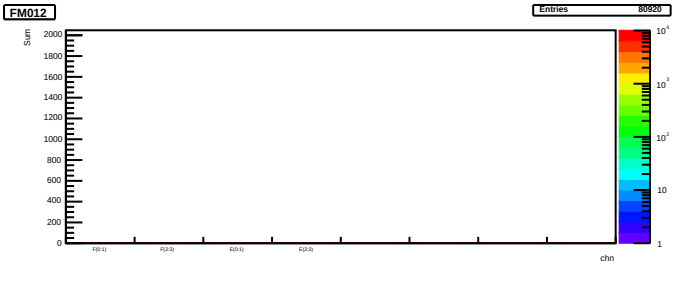

FM007
Entries 80920
Sum
chn

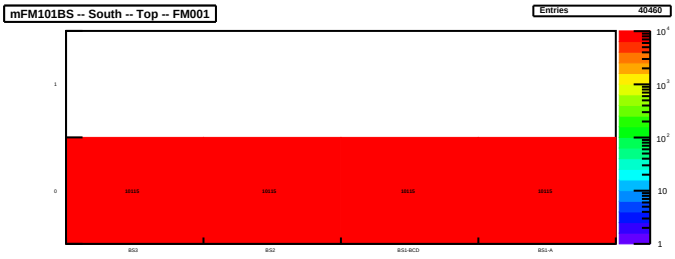

FM008
Entries 80920
Sum
chn

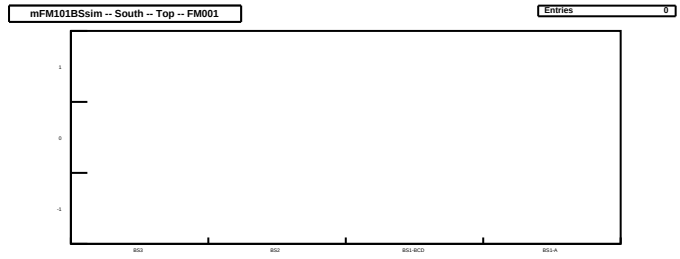

FM009
Entries 80920
Sum
chn

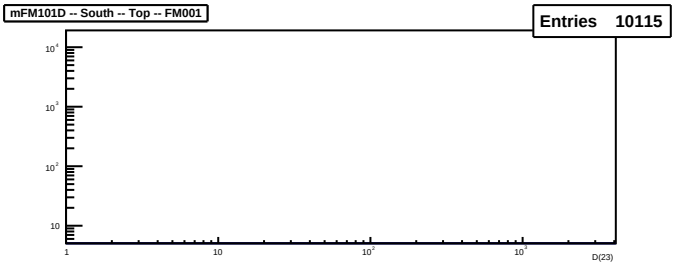

FM010
Entries 80920
Sum
chn

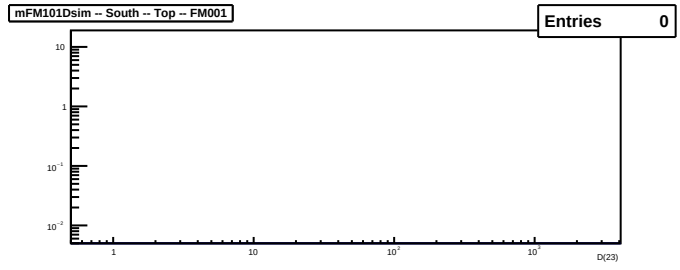

FM011
Entries 80920
Sum
chn

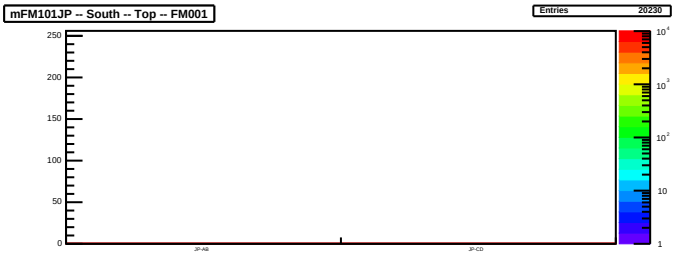

FM012
Entries 80920
Sum
chn

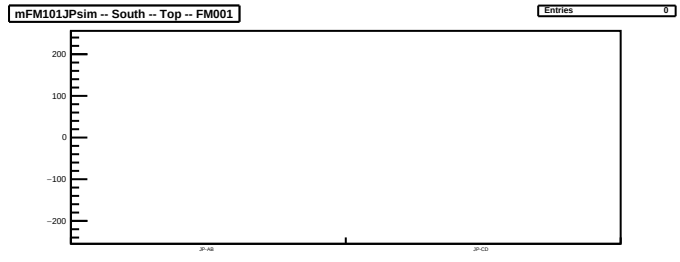

mFM101BS -- South -- Top -- FM001
Entries 40460
10115
10115
10115
10115
BS3
BS2
BS1-BCD
BS1-A

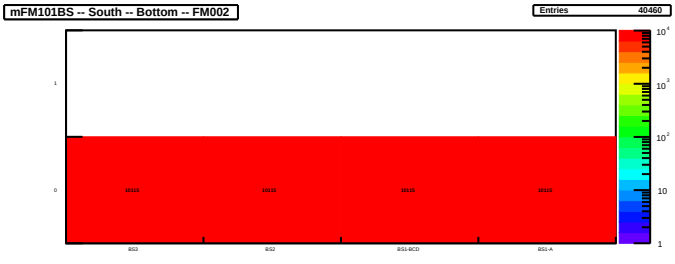

mFM101BSsim -- South -- Top -- FM001
Entries 0
BS3
BS2
BS1-BCD
BS1-A

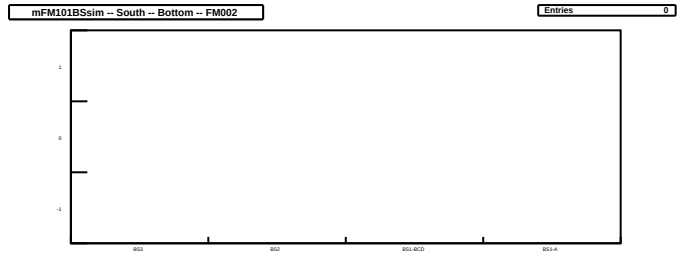

mFM101D -- South -- Top -- FM001
Entries 10115
D(23)

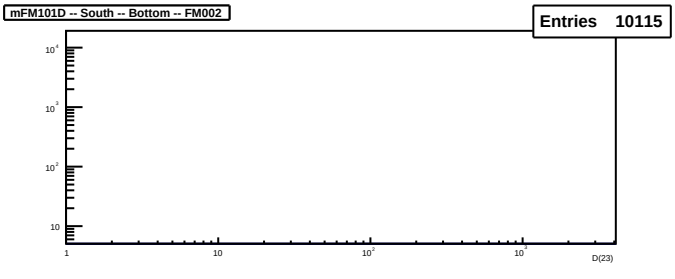

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

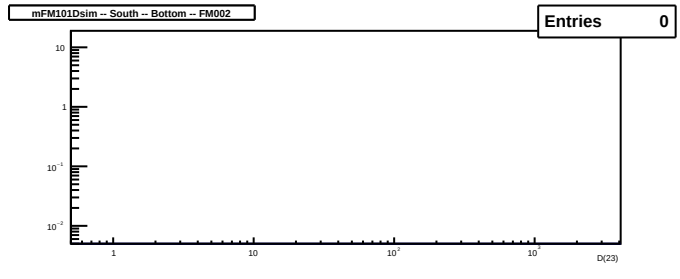

mFM101JP -- South -- Top -- FM001
Entries 20230
JP-AB
JP-CD


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

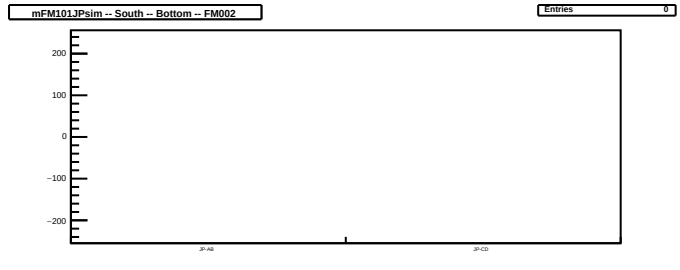

mFM101BS -- South -- Bottom -- FM002
Entries 40460
10115
10115
10115
10115
BS3
BS2
BS1-BCD
BS1-A

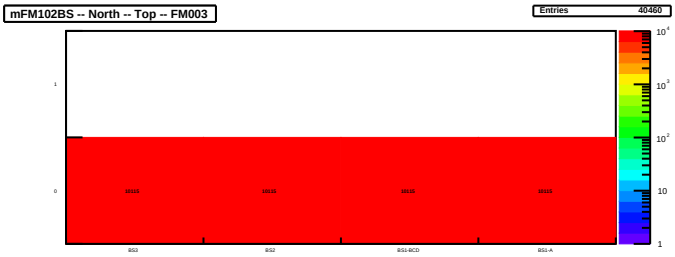

mFM101BSsim -- South -- Bottom -- FM002
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 10115
D(23)

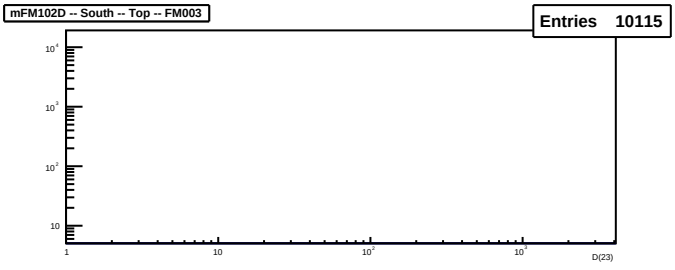

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

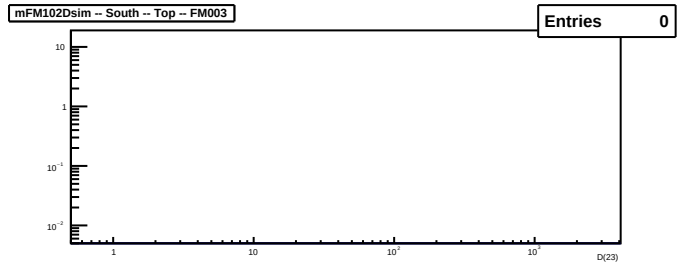
mFM101JP -- South -- Bottom -- FM002
Entries 20230
JP-AB
JP-CD

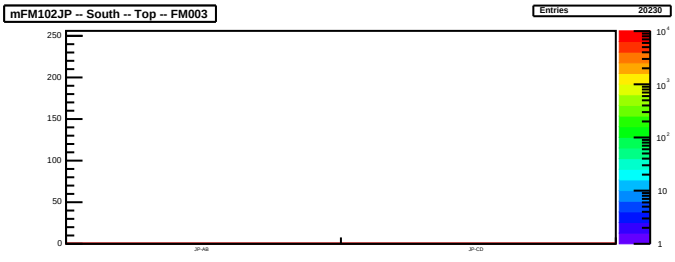

mFM101JPsim -- South -- Bottom -- FM002
Entries 0
JP-AB
JP-CD

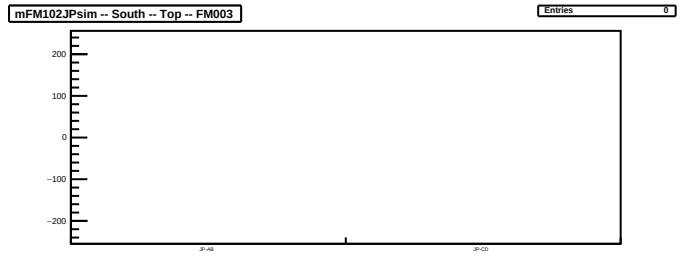

mFM102BS -- North -- Top -- FM003
Entries 40460
10115
10115
10115
10115
BS3
BS2
BS1-BCD
BS1-A

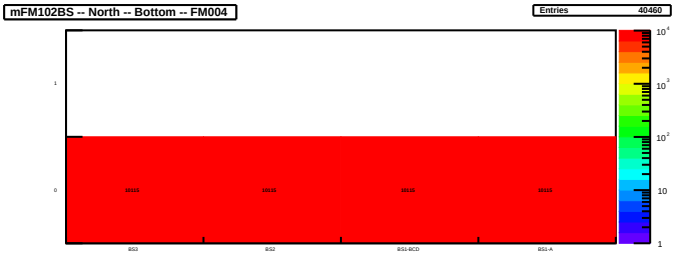
mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A

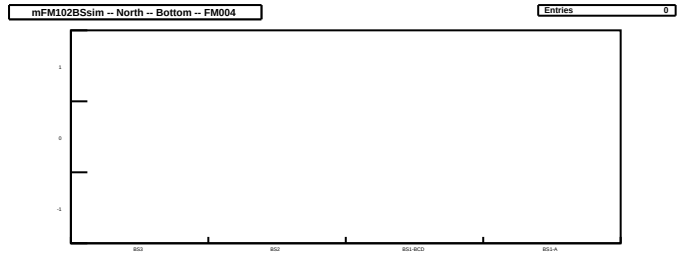

mFM102D -- South -- Top -- FM003
Entries 10115
D(23)

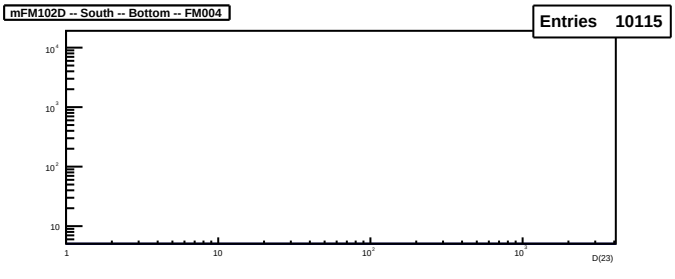

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

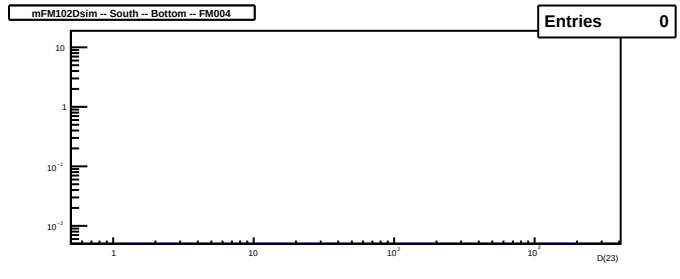

mFM102JP -- South -- Top -- FM003
Entries 20230
JP-AB
JP-CD


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


mFM102BS -- North -- Bottom -- FM004
Entries 40460
10115
10115
10115
10115
BS3
BS2
BS1-BCD
BS1-A


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


mFM102D -- South -- Bottom -- FM004
Entries 10115
D(23)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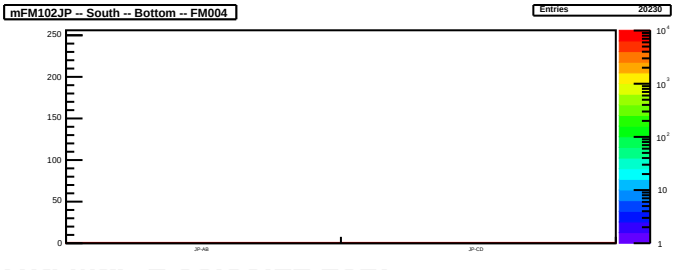
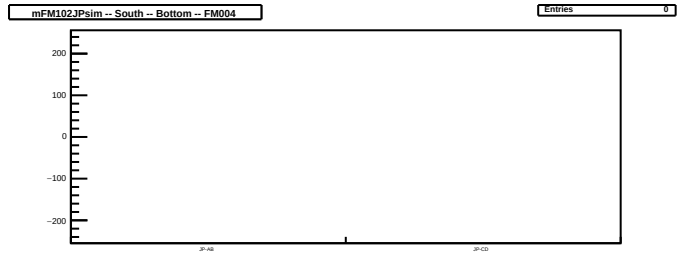
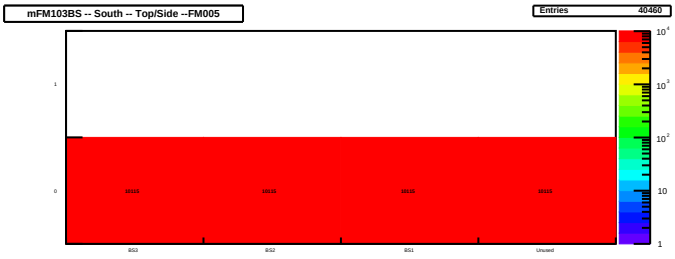
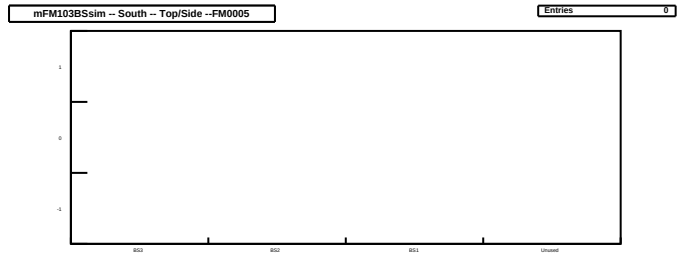
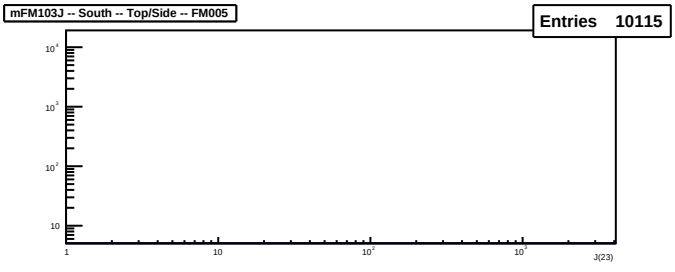
Entries 0
D(23)

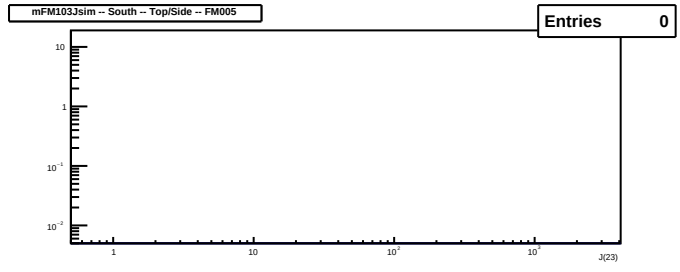

mFM102JP -- South -- Bottom -- FM004
Entries 20230
JP-AB
JP-CD

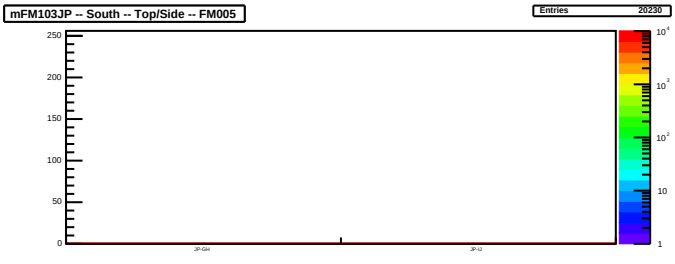

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

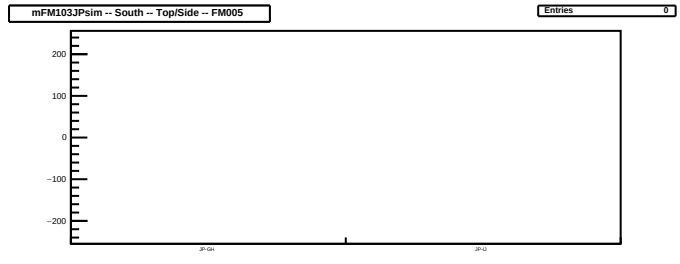

mFM103BS -- South -- Top/Side --FM005
Entries 40460
10115
10115
10115
10115
BS3
BS2
BS1
Unused

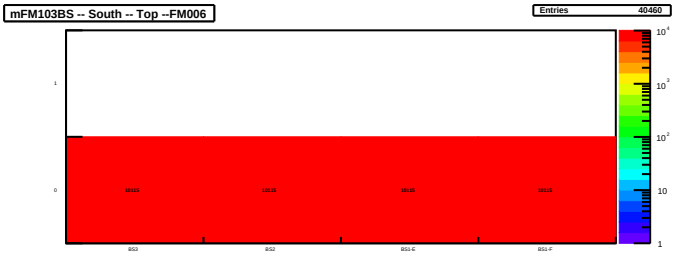

mFM103BSsim -- South -- Top/Side --FM0005
Entries 0
BS3
BS2
BS1
Unused

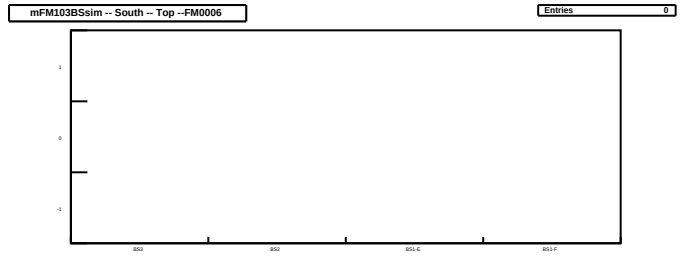

mFM103J -- South -- Top/Side -- FM005
Entries 10115
J(23)

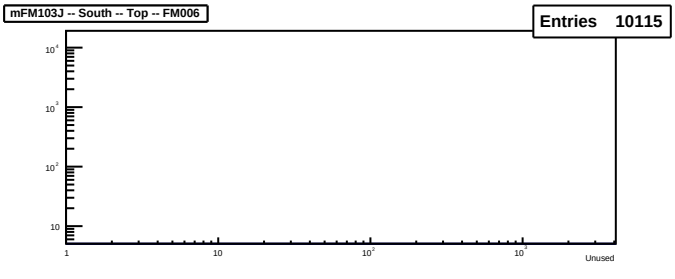

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

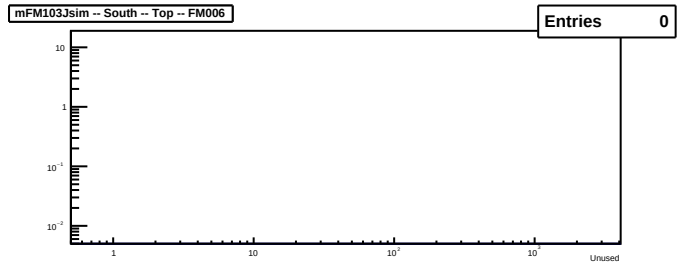

mFM103JP -- South -- Top/Side -- FM005
Entries 20230
JP-GH
JP-U


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

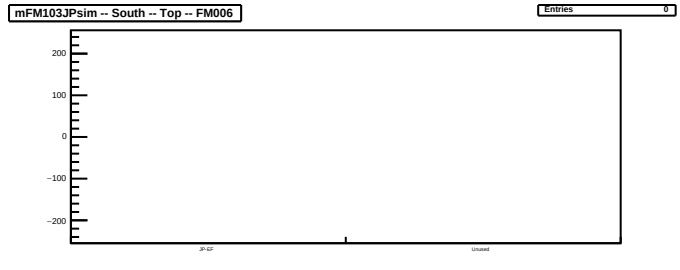

mFM103BS -- South -- Top --FM006
Entries 40460
10115
10115
10115
10115
BS3
BS2
BS1-E
BS1-F

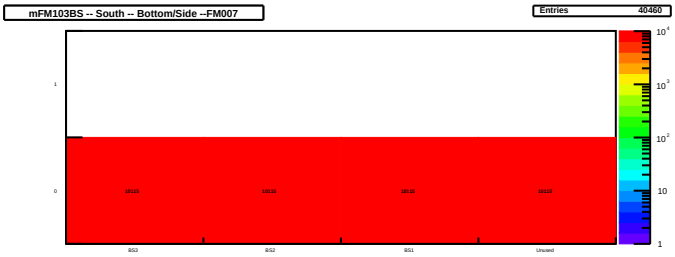

mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F

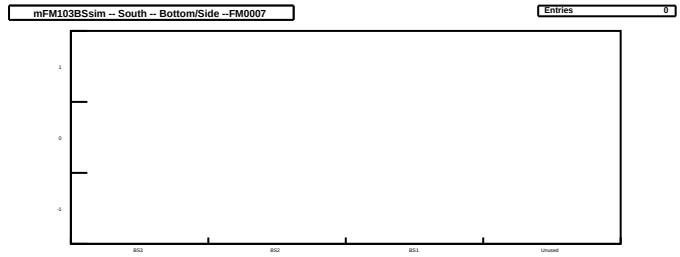

mFM103J -- South -- Top -- FM006
Entries 10115
Unused

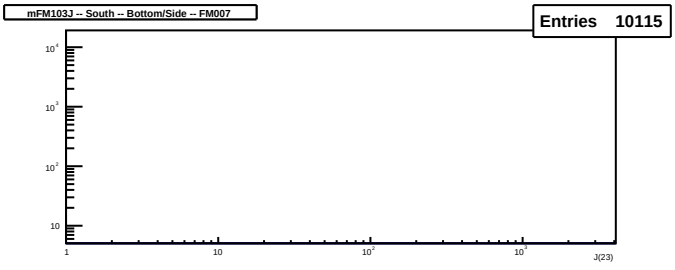

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

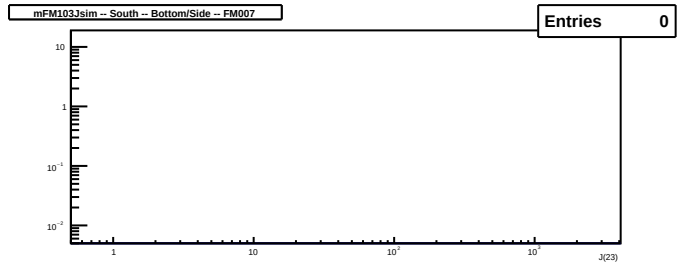
mFM103JP -- South -- Top -- FM006
Entries 20230
JP-EF
Unused

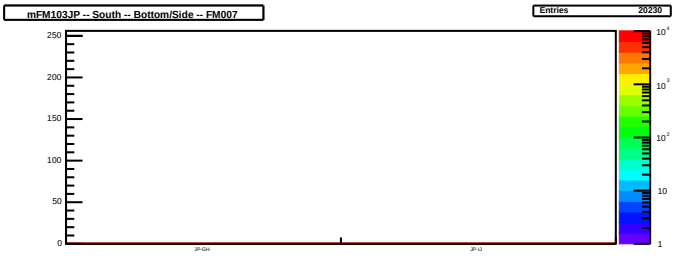

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

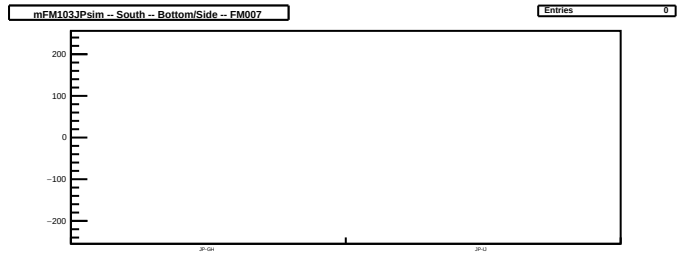

mFM103BS -- South -- Bottom/Side --FM007
Entries 40460
10115
10115
10115
10115
BS3
BS2
BS1
Unused

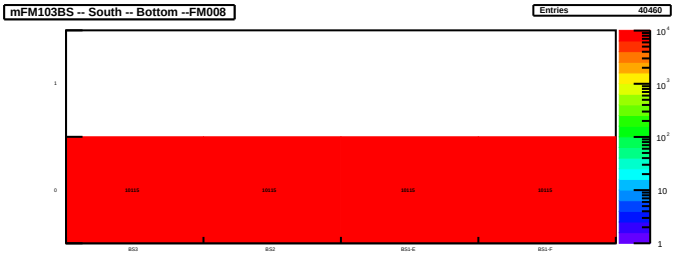

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 0
BS3
BS2
BS1
Unused

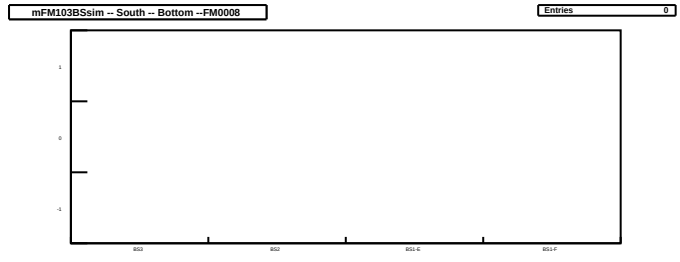

mFM103J -- South -- Bottom/Side -- FM007
Entries 10115
J(23)

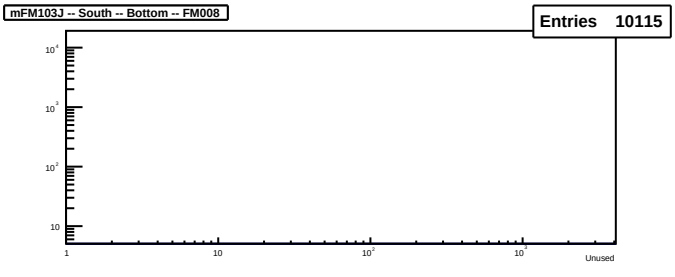

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

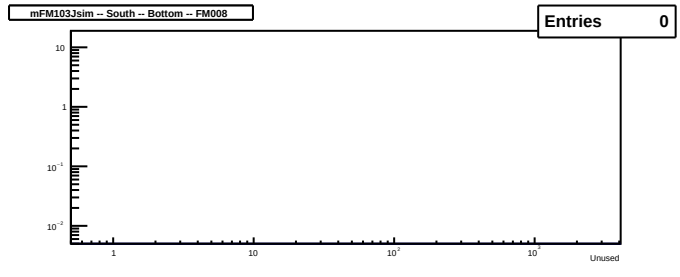

mFM103JP -- South -- Bottom/Side -- FM007
Entries 20230
JP-GH
JP-IJ


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

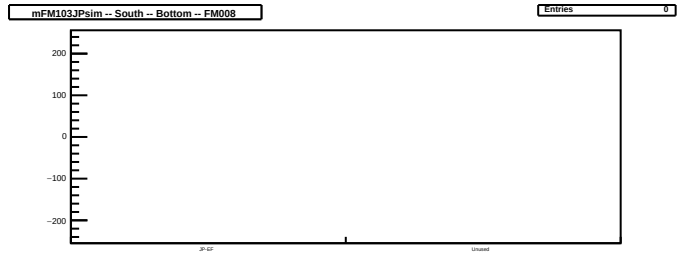

mFM103BS -- South -- Bottom --FM008
Entries 40460
10115
10115
10115
10115
BS3
BS2
BS1-E
BS1-F

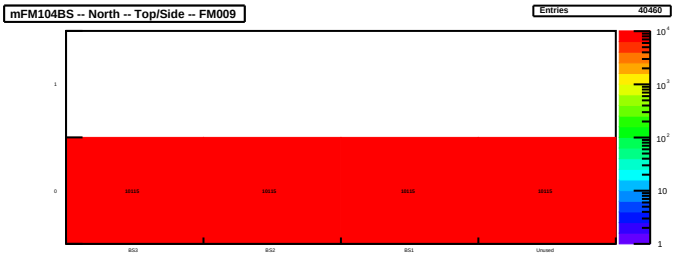

mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F

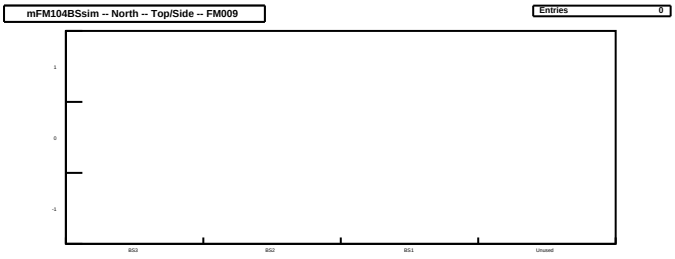

mFM103J -- South -- Bottom -- FM008
Entries 10115
Unused

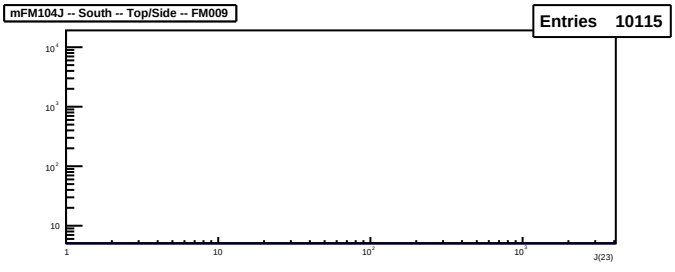

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

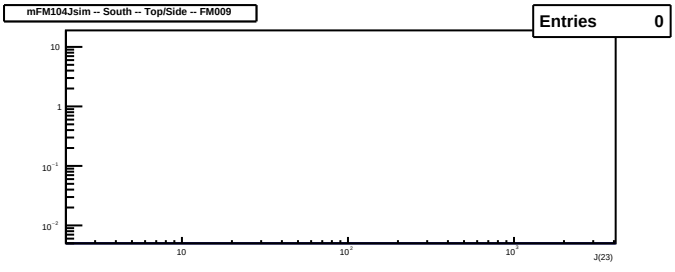
mFM103JP -- South -- Bottom -- FM008
Entries 20230
JP-EF
Unused

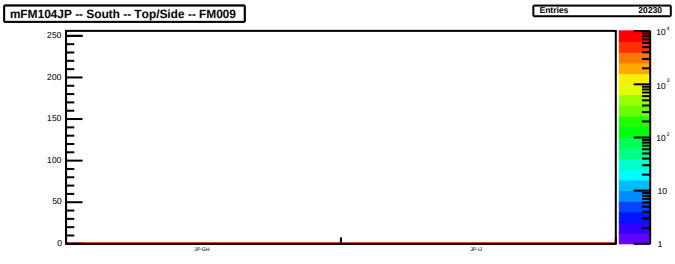

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

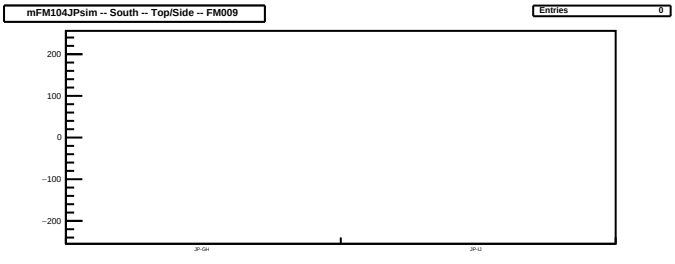

mFM104BS -- North -- Top/Side -- FM009
Entries 40460
10115
10115
10115
10115
BS3
BS2
BS1
Unused

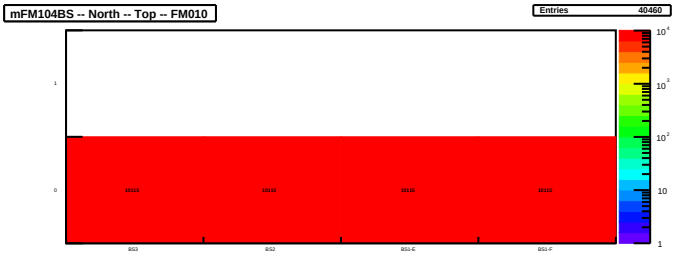

mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused

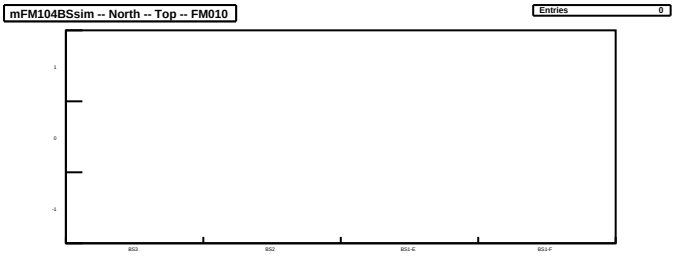

mFM104J -- South -- Top/Side -- FM009
Entries 10115
J(23)

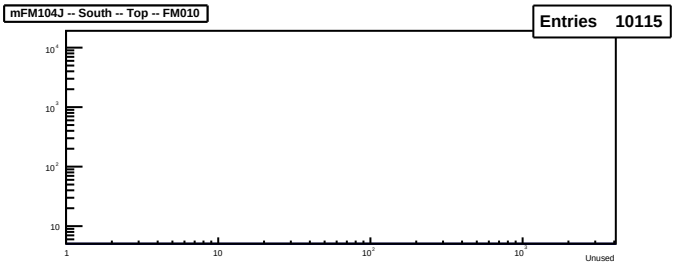

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

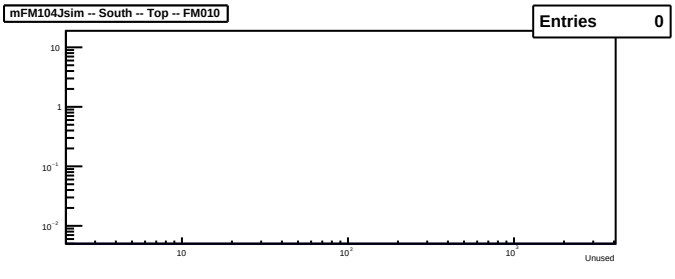

mFM104JP -- South -- Top/Side -- FM009
Entries 20230
JP-GH
JP-IJ


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

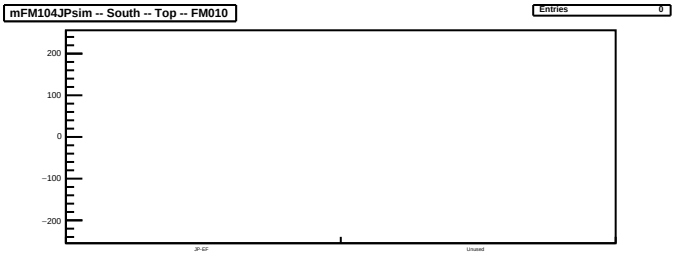

mFM104BS -- North -- Top -- FM010
Entries 40460
10115
10115
10115
10115
BS3
BS2
BS1-E
BS1-F

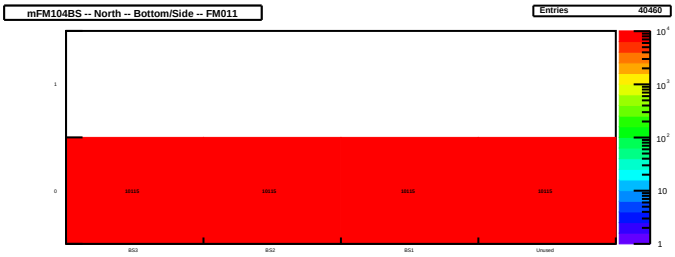

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

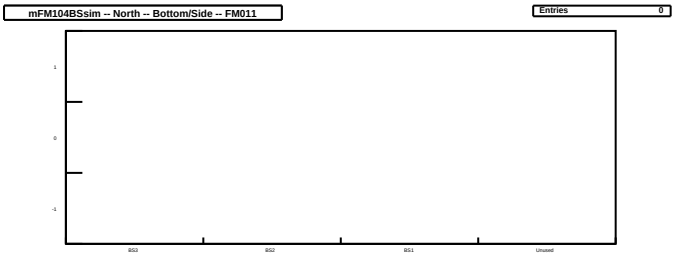

mFM104J -- South -- Top -- FM010
Entries 10115
Unused

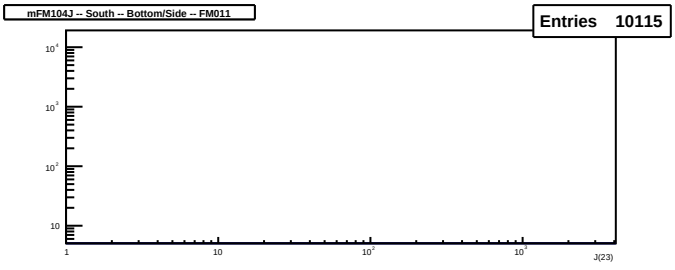

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

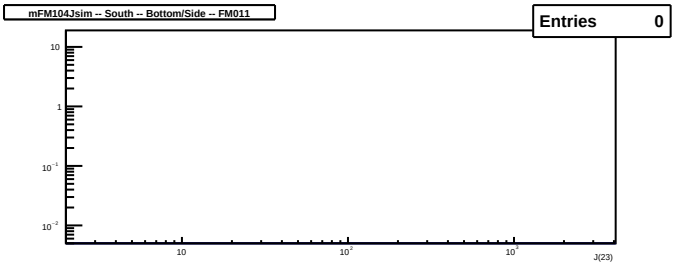
mFM104JP -- South -- Top -- FM010
Entries 20230
JP-EF
Unused

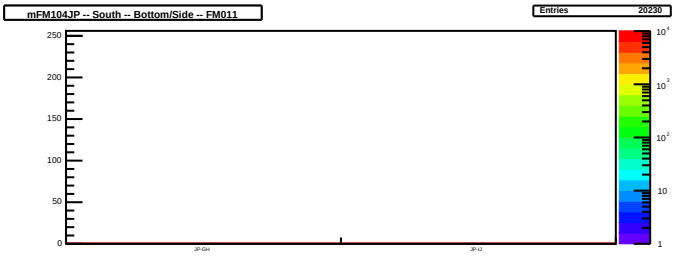

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

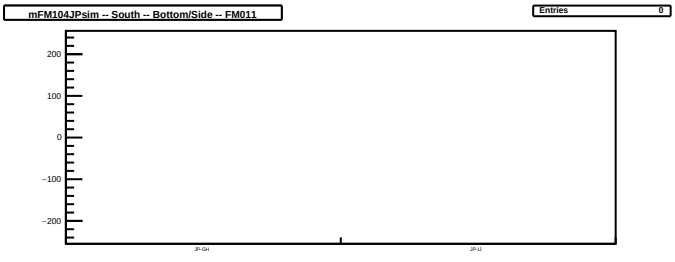

mFM104BS -- North -- Bottom/Side -- FM011
Entries 40460
10115
10115
10115
10115
BS3
BS2
BS1
Unused

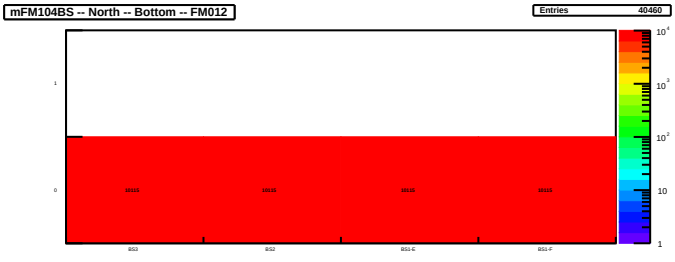

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

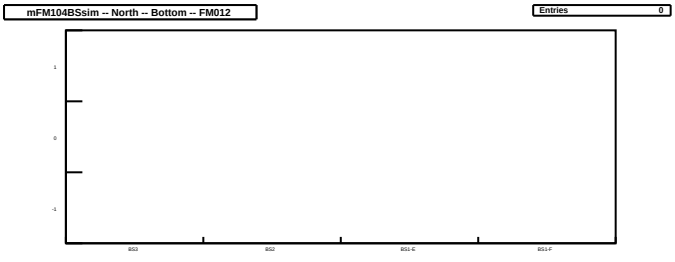

mFM104J -- South -- Bottom/Side -- FM011
Entries 10115
J(23)

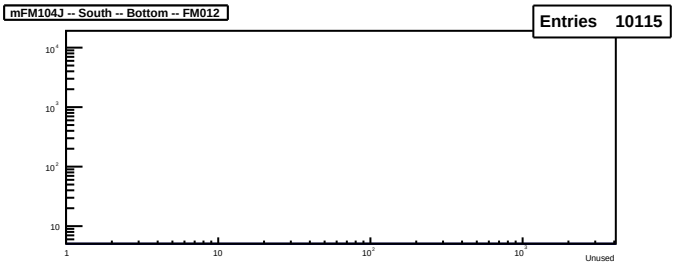

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

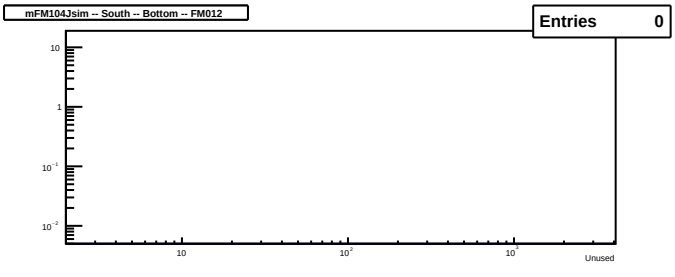

mFM104JP -- South -- Bottom/Side -- FM011
Entries 20230
JP-GH
JP-U


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


mFM104BS -- North -- Bottom -- FM012
Entries 40460
10115
10115
10115
10115
BS3
BS2
BS1-E
BS1-F

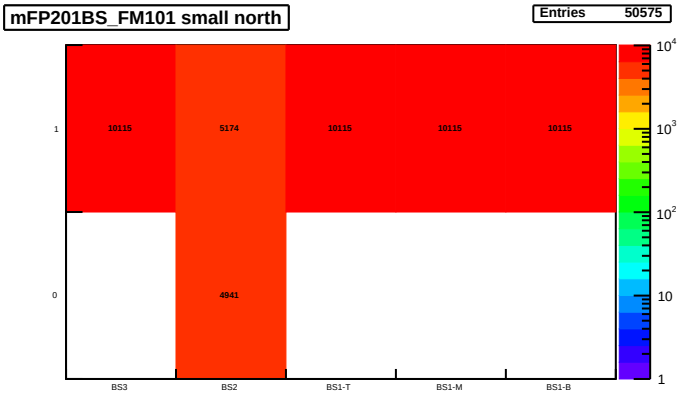

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

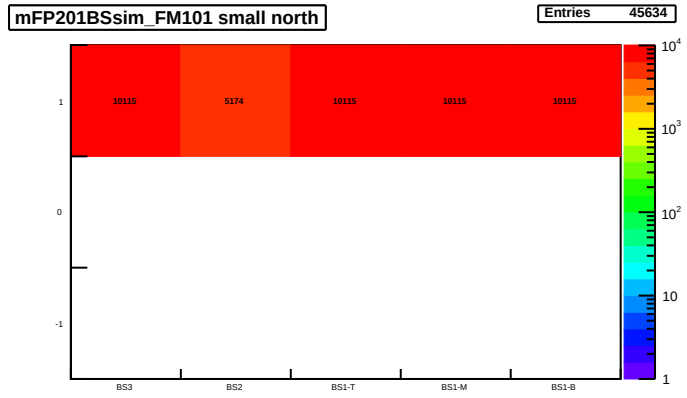

mFM104J -- South -- Bottom -- FM012
Entries 10115
Unused

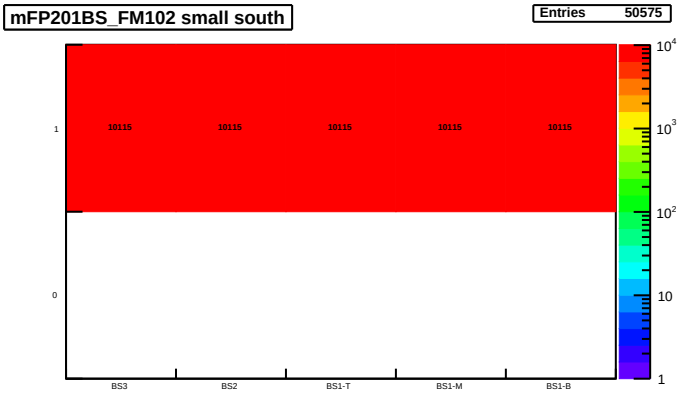

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

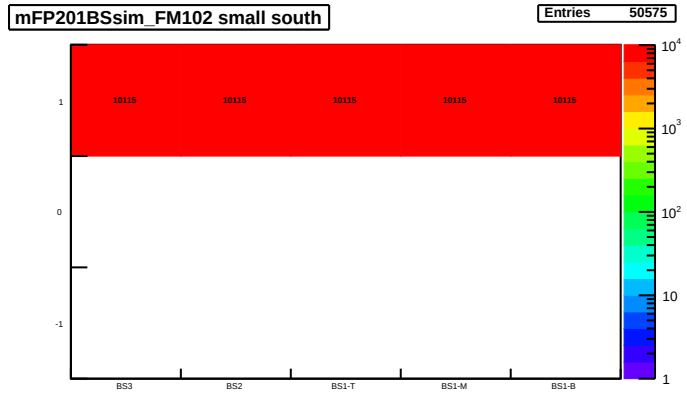
mFM104JP -- South -- Bottom -- FM012
Entries 20230
JP-EF
Unused

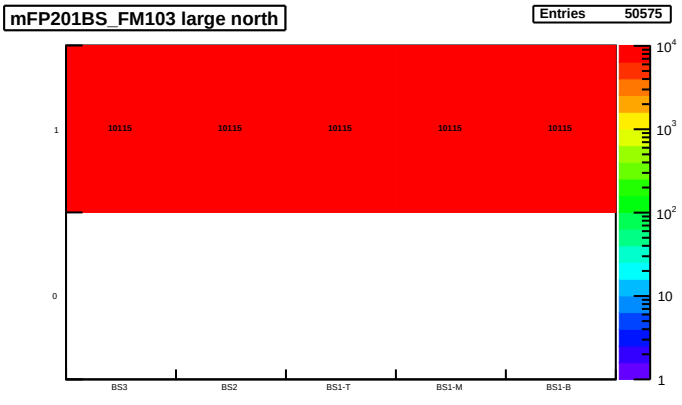
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

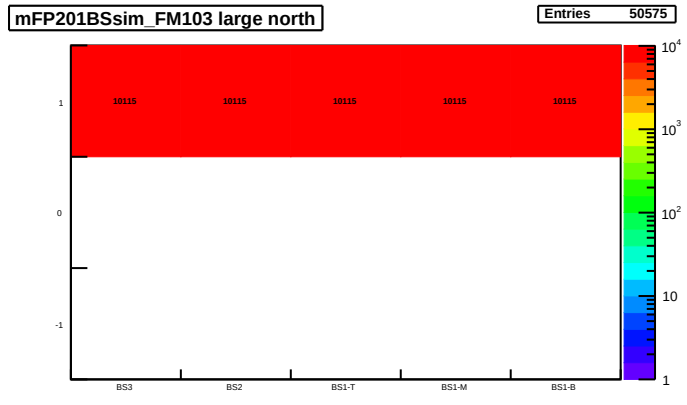

mFP201BS_FM101 small north
Entries 50575
10115
5174
10115
10115
10115
4941
BS3
BS2
BS1-T
BS1-M
BS1-B

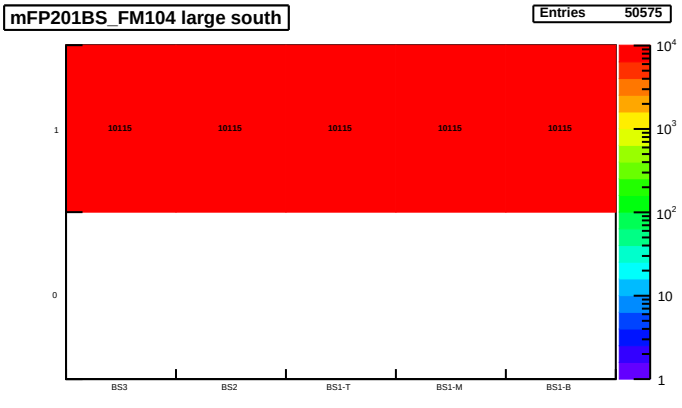

mFP201BSsim_FM101 small north
Entries 45634
10115
5174
10115
10115
10115
BS3
BS2
BS1-T
BS1-M
BS1-B

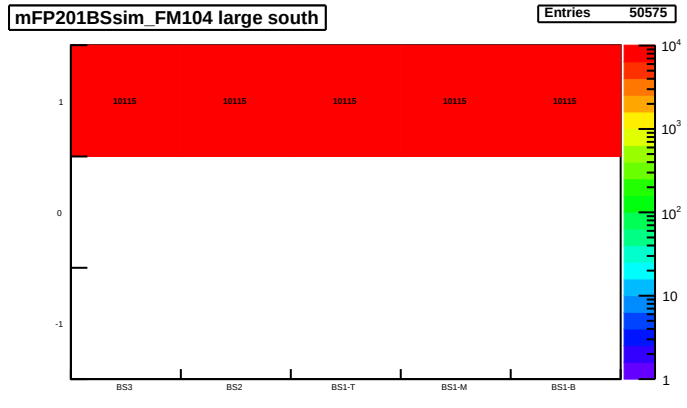

mFP201BS_FM102 small south
Entries 50575
10115
10115
10115
10115
10115
BS3
BS2
BS1-T
BS1-M
BS1-B

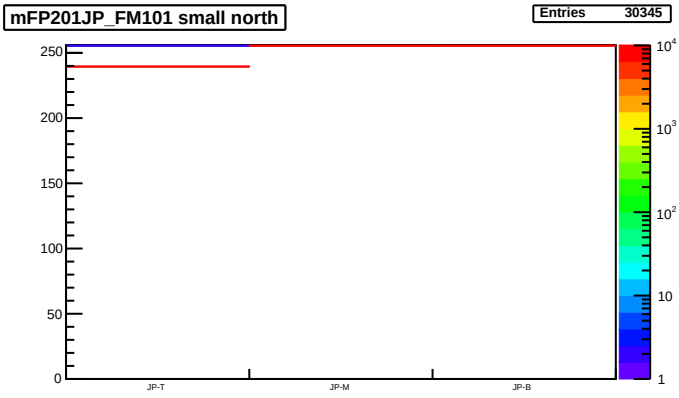

mFP201BSsim_FM102 small south
Entries 50575
10115
10115
10115
10115
10115
BS3
BS2
BS1-T
BS1-M
BS1-B

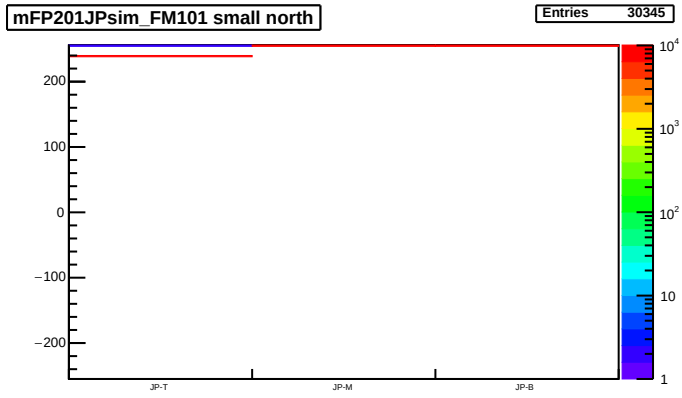

mFP201BS_FM103 large north
Entries 50575
10115
10115
10115
10115
10115
BS3
BS2
BS1-T
BS1-M
BS1-B

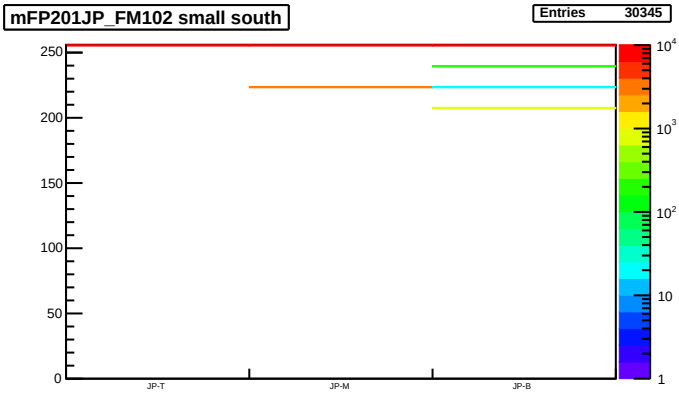

mFP201BSsim_FM103 large north
Entries 50575
10115
10115
10115
10115
10115
BS3
BS2
BS1-T
BS1-M
BS1-B

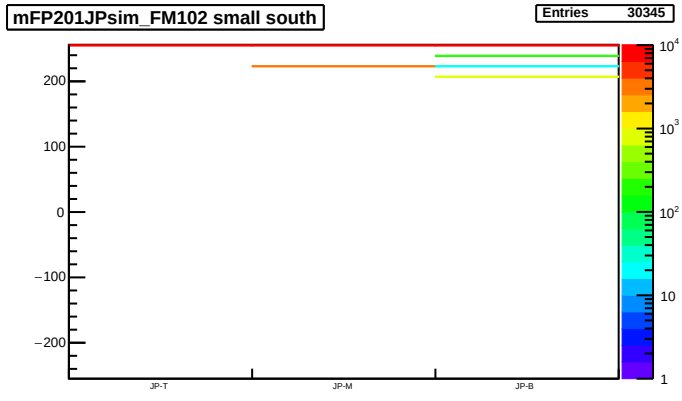

mFP201BS_FM104 large south
Entries 50575
10115
10115
10115
10115
10115
BS3
BS2
BS1-T
BS1-M
BS1-B

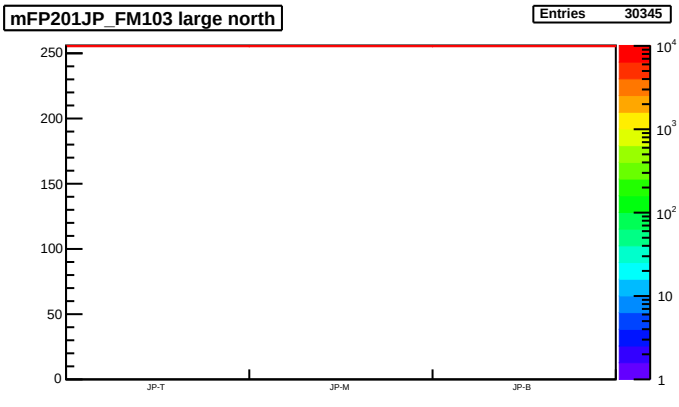

mFP201BSsim_FM104 large south
Entries 50575
10115
10115
10115
10115
10115
BS3
BS2
BS1-T
BS1-M
BS1-B

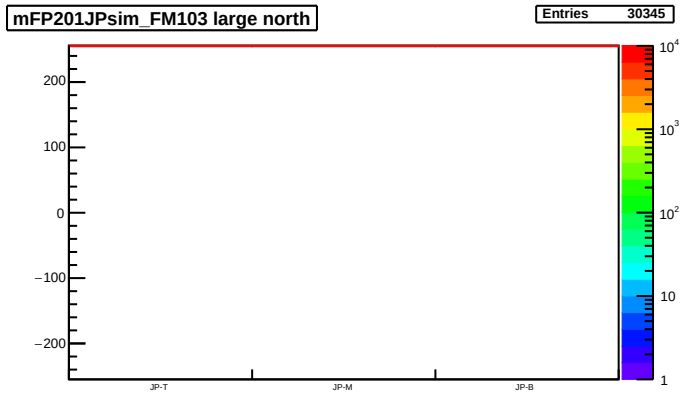

mFP201JP_FM101 small north
Entries 30345
JP-T
JP-M
JP-B

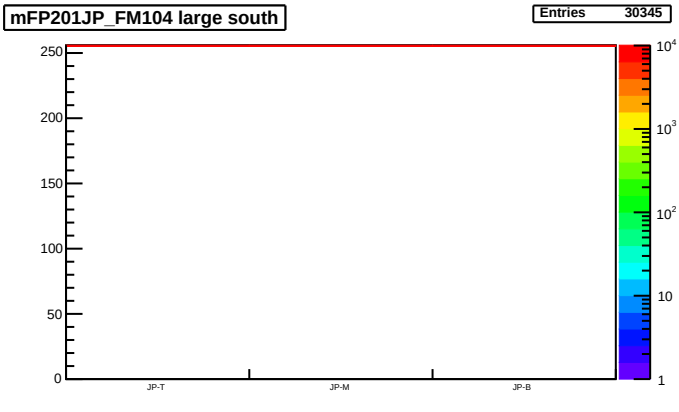

mFP201JPsim_FM101 small north
Entries 30345
JP-T
JP-M
JP-B

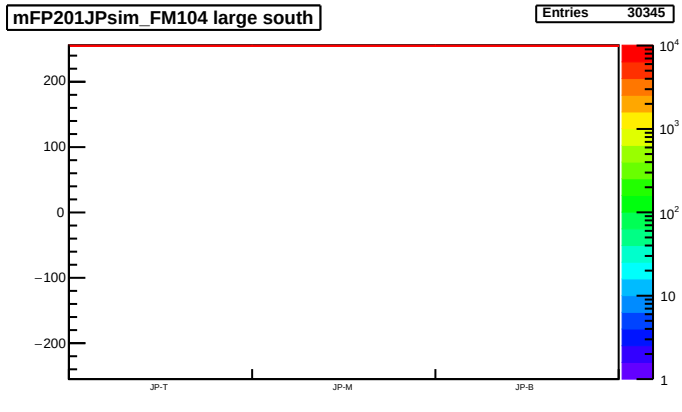

mFP201JP_FM102 small south
Entries 30345
JP-T
JP-M
JP-B

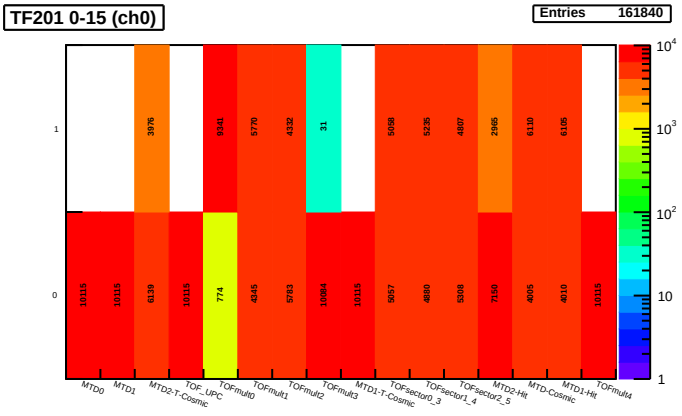

mFP201JPsim_FM102 small south
Entries 30345
JP-T
JP-M
JP-B

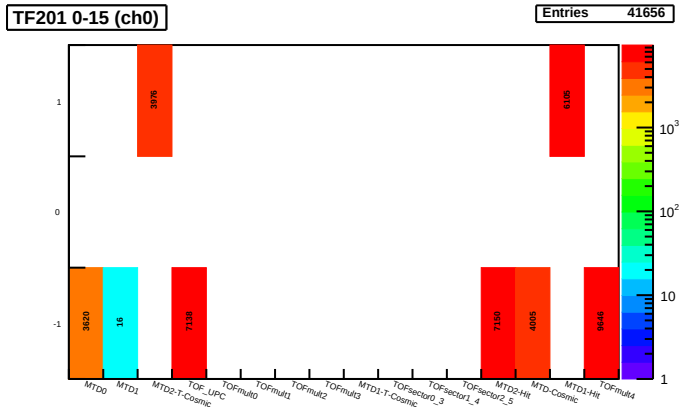

mFP201JP_FM103 large north
Entries 30345
JP-T
JP-M
JP-B

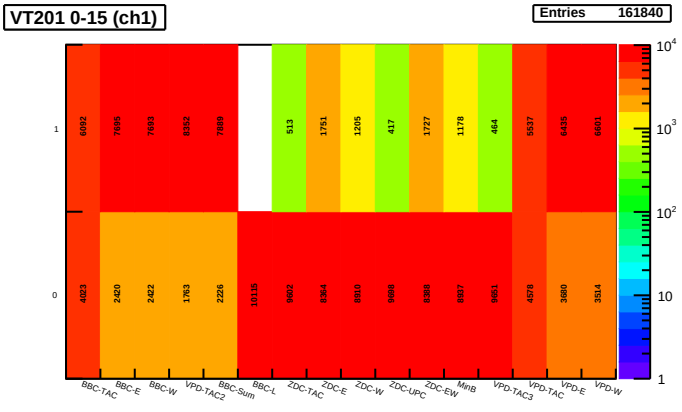

mFP201JPsim_FM103 large north
Entries 30345
JP-T
JP-M
JP-B

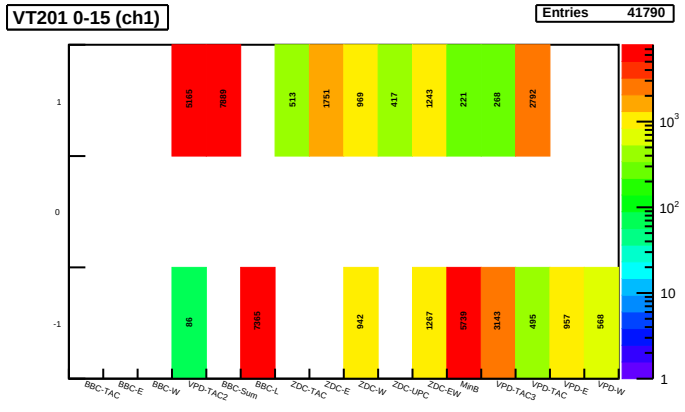

mFP201JP_FM104 large south
Entries 30345
JP-T
JP-M
JP-B

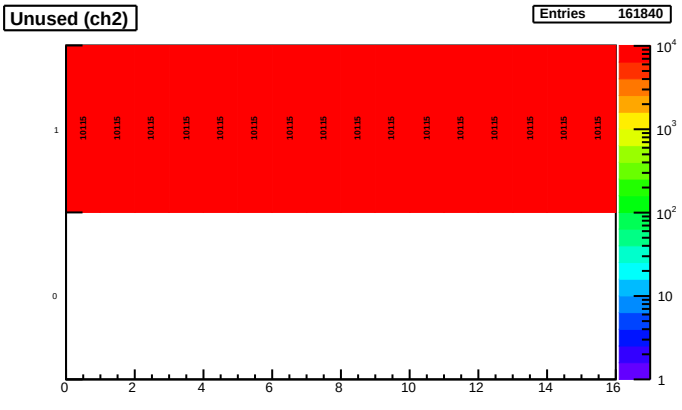

mFP201JPsim_FM104 large south
Entries 30345
JP-T
JP-M
JP-B

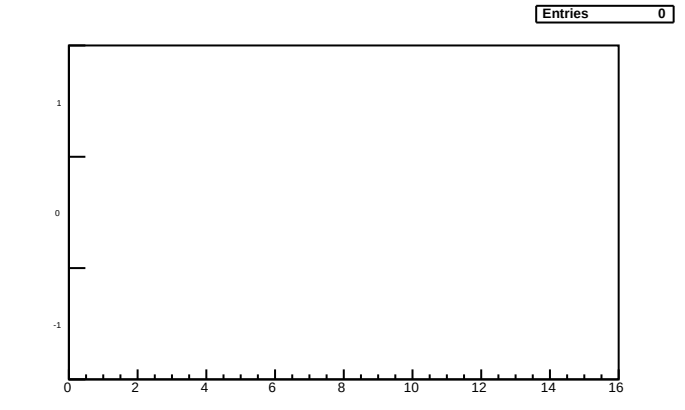

TF201 0-15 (ch0)
Entries 161840
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

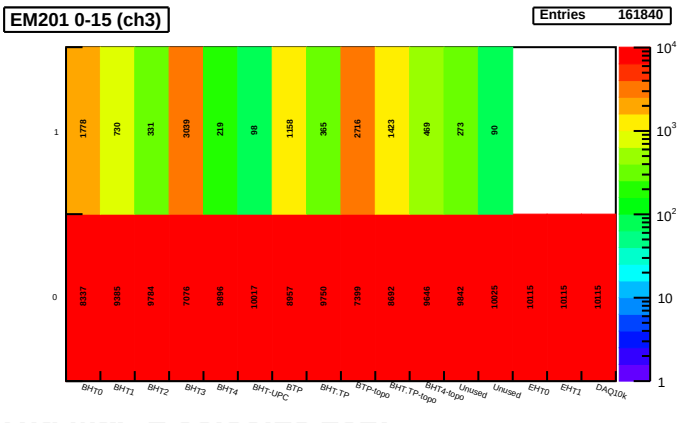

TF201 0-15 (ch0)
Entries 41656
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

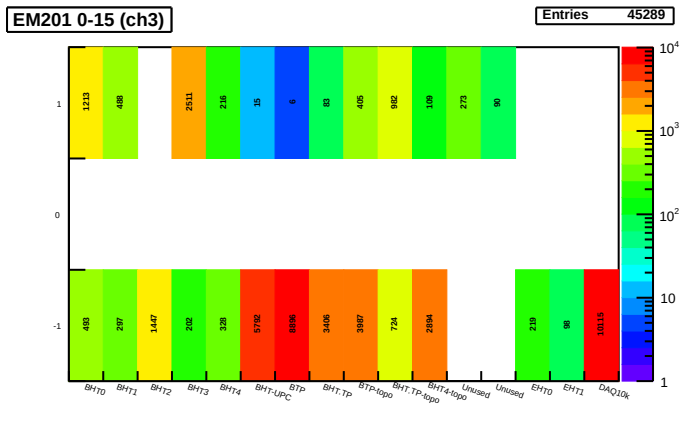

VT201 0-15 (ch1)
Entries 161840
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

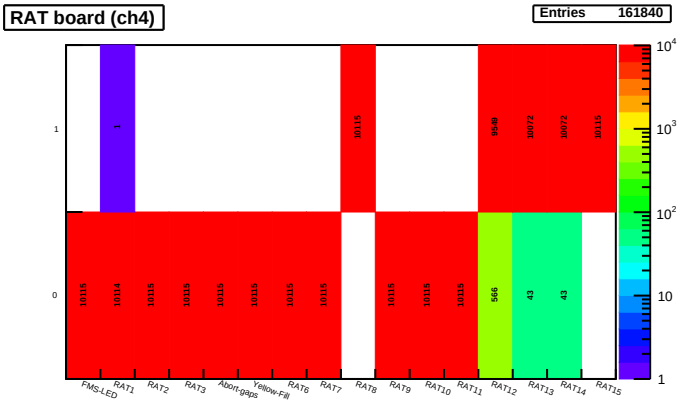

VT201 0-15 (ch1)
Entries 41790
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

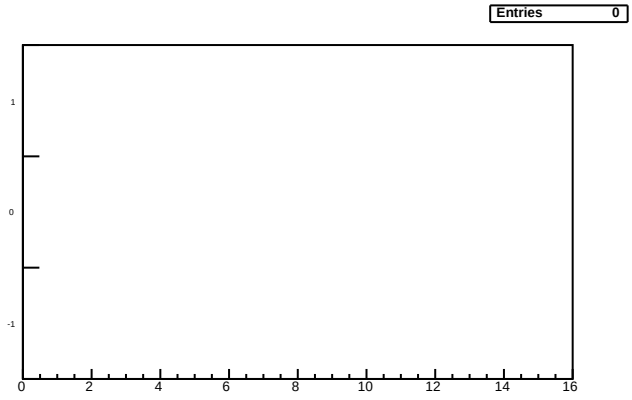

Unused (ch2)
Entries 161840

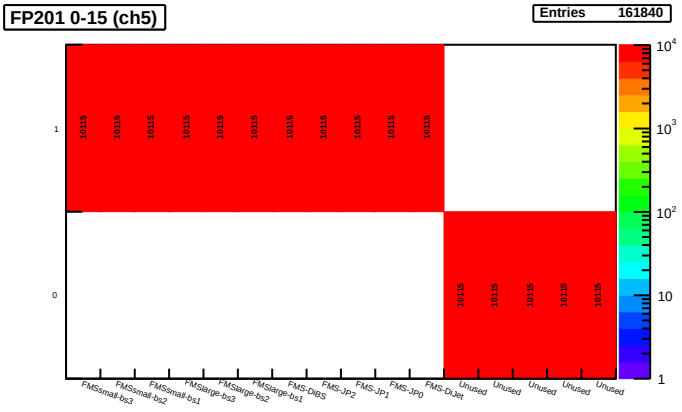

Entries 0

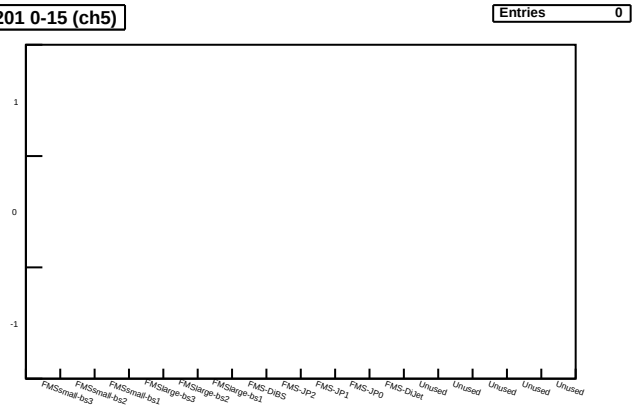

EM201 0-15 (ch3)
Entries 161840
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

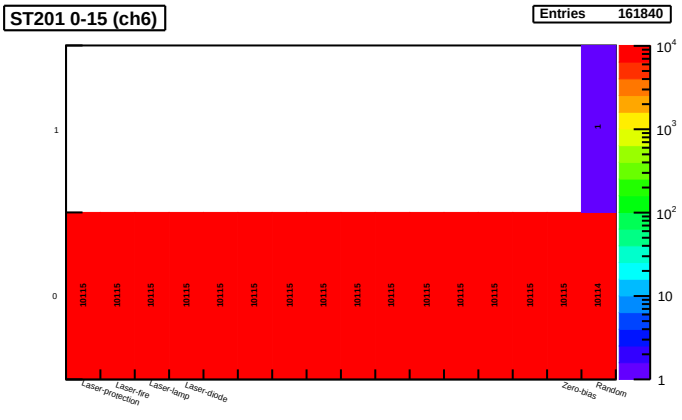

EM201 0-15 (ch3)
Entries 45289
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

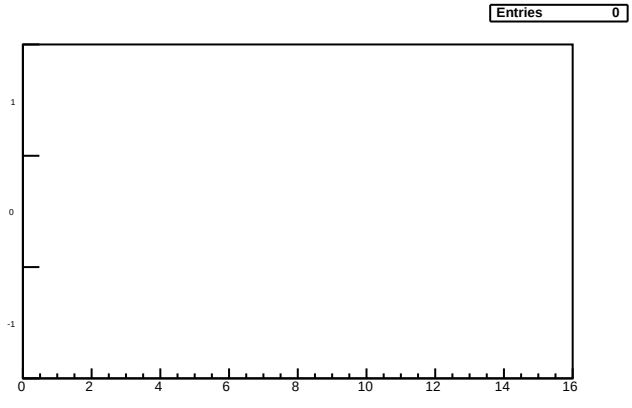

RAT board (ch4)
Entries 161840
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

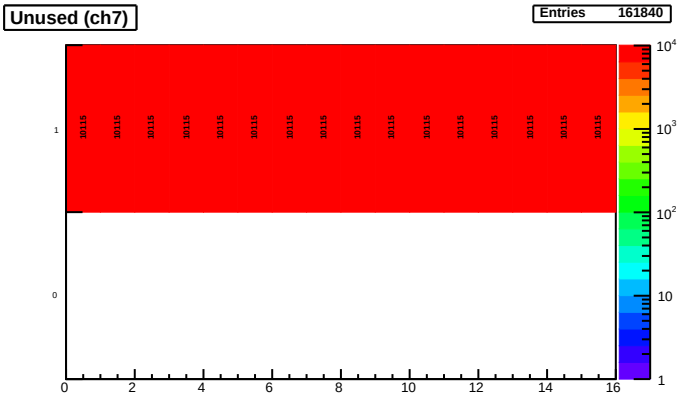

Entries 0

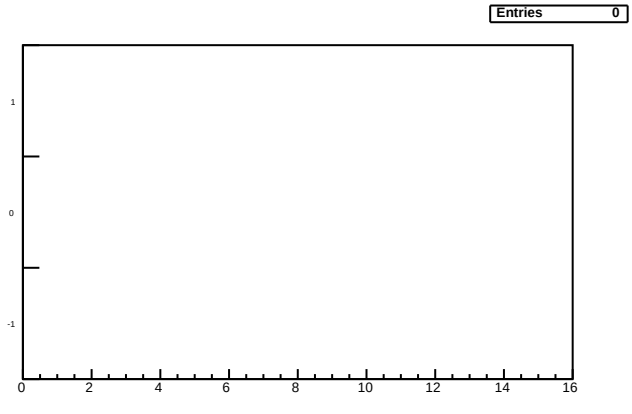

FP201 0-15 (ch5)
Entries 161840
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


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


ST201 0-15 (ch6)
Entries 161840
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 161840


Entries 0