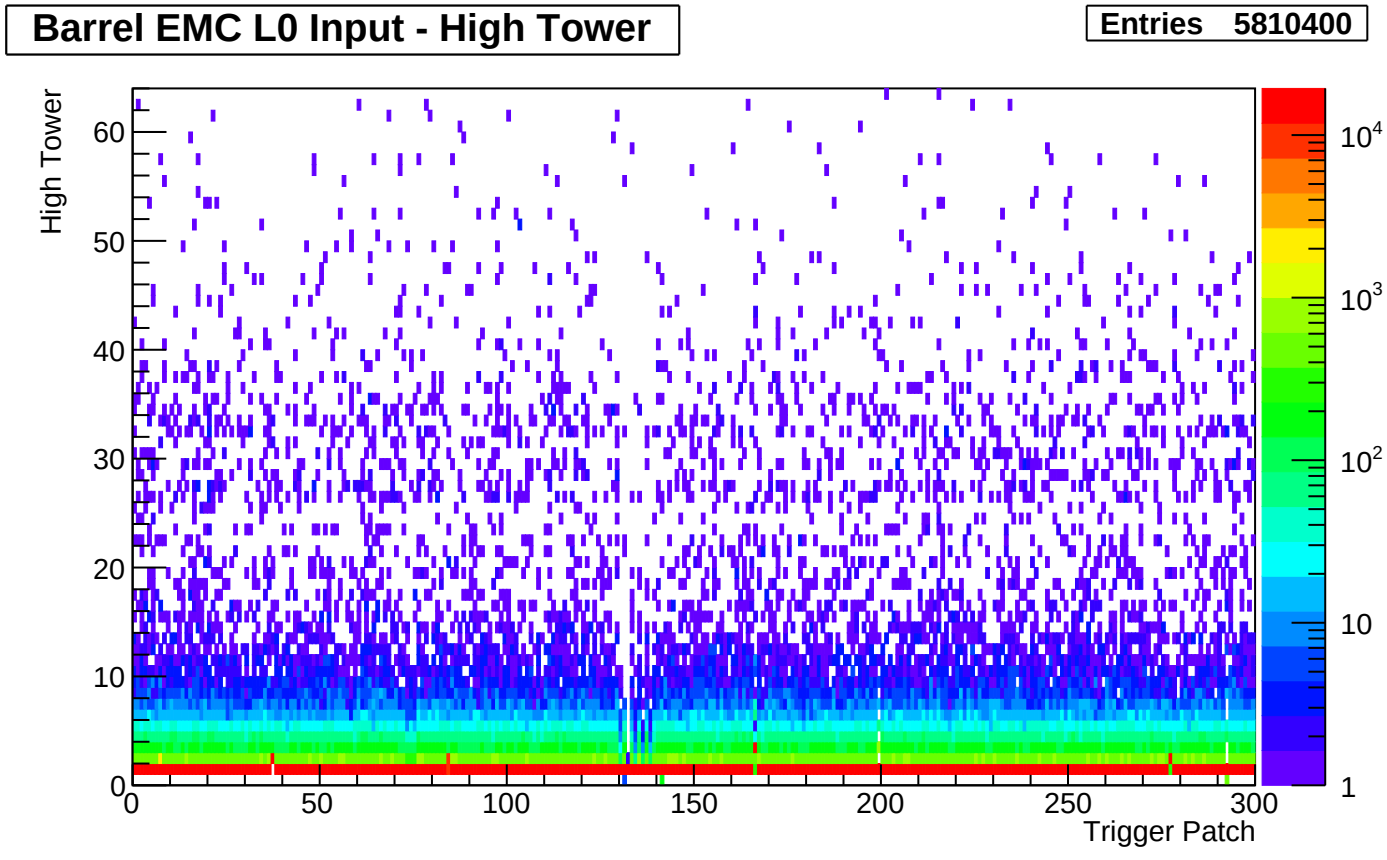
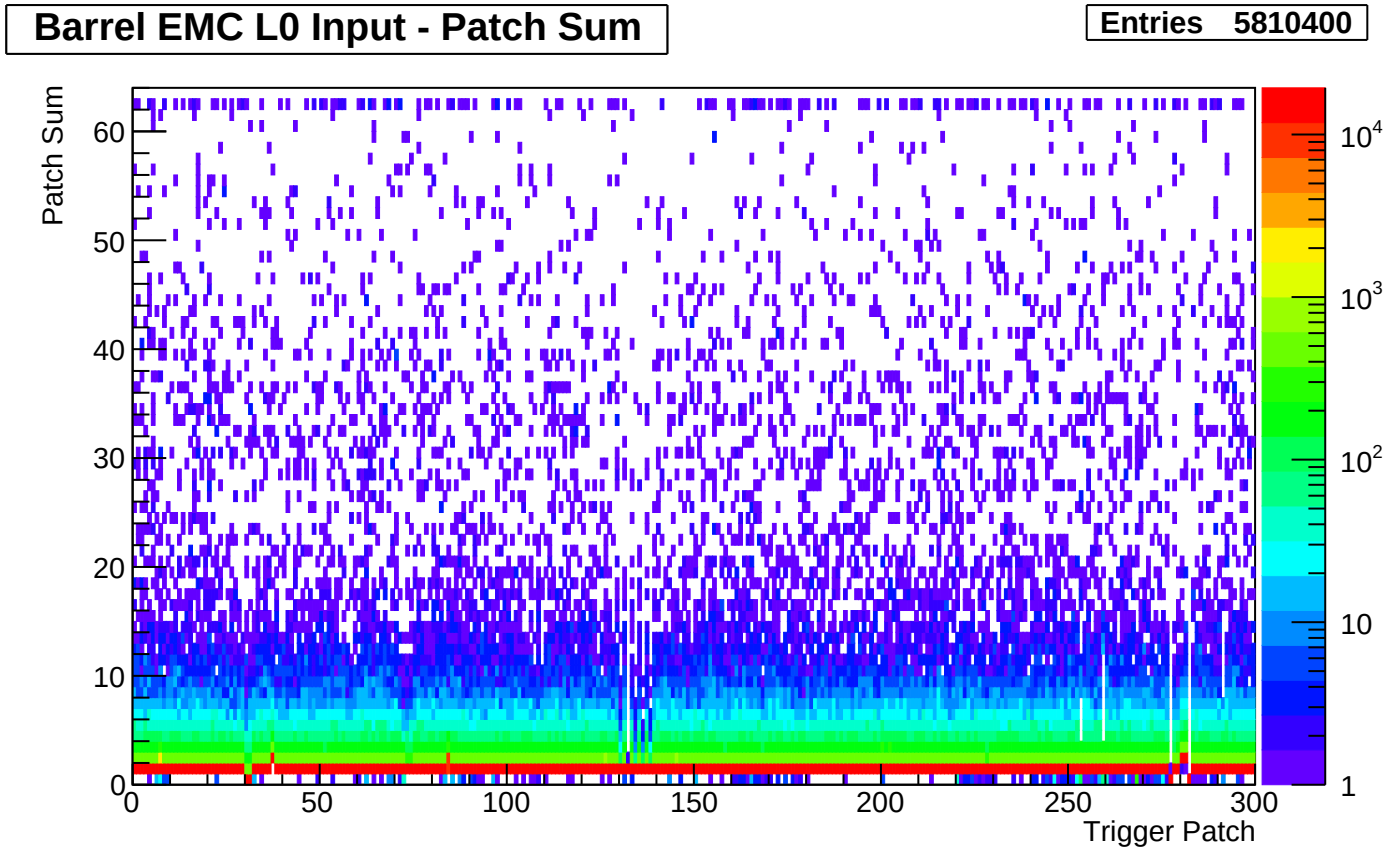
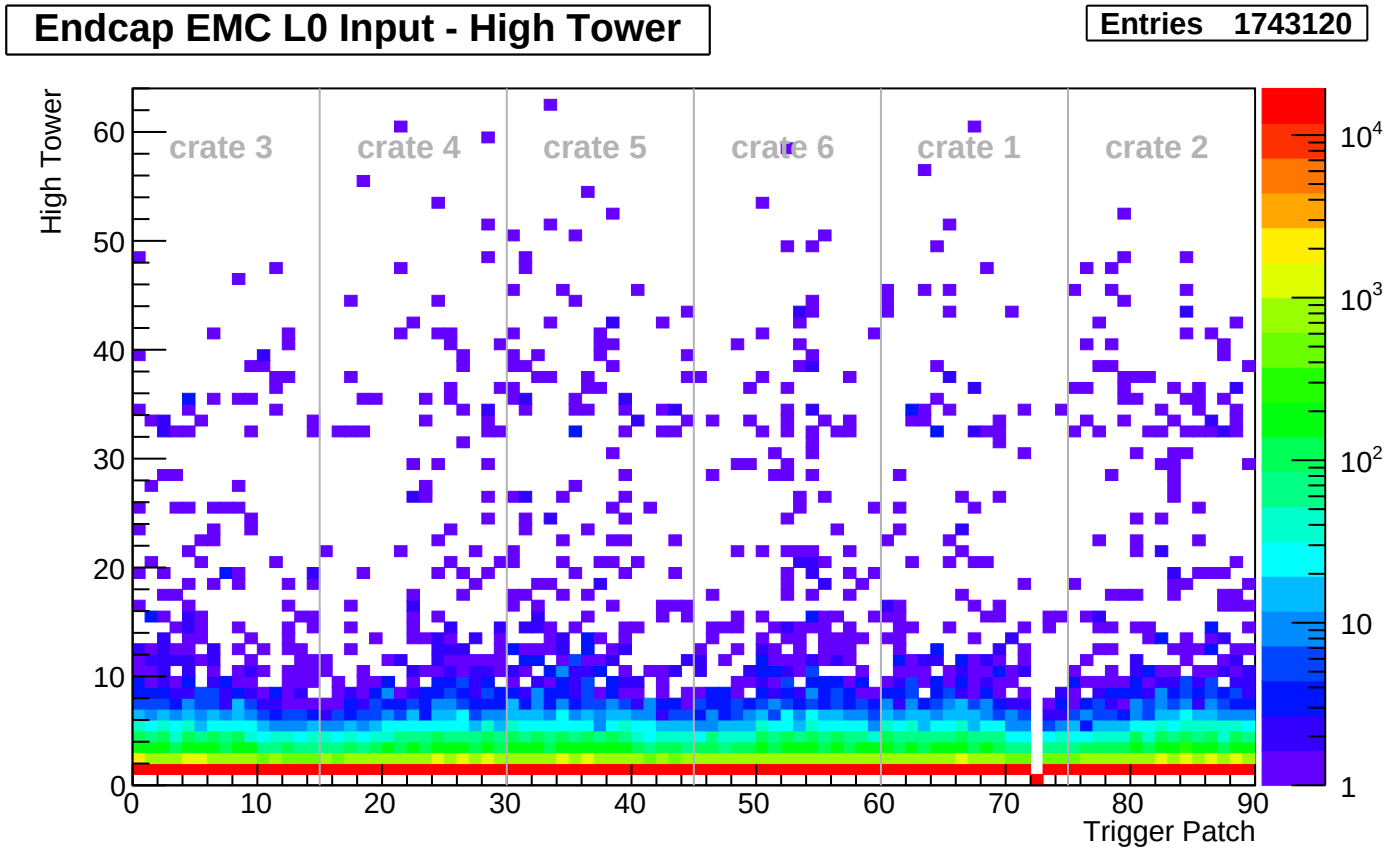
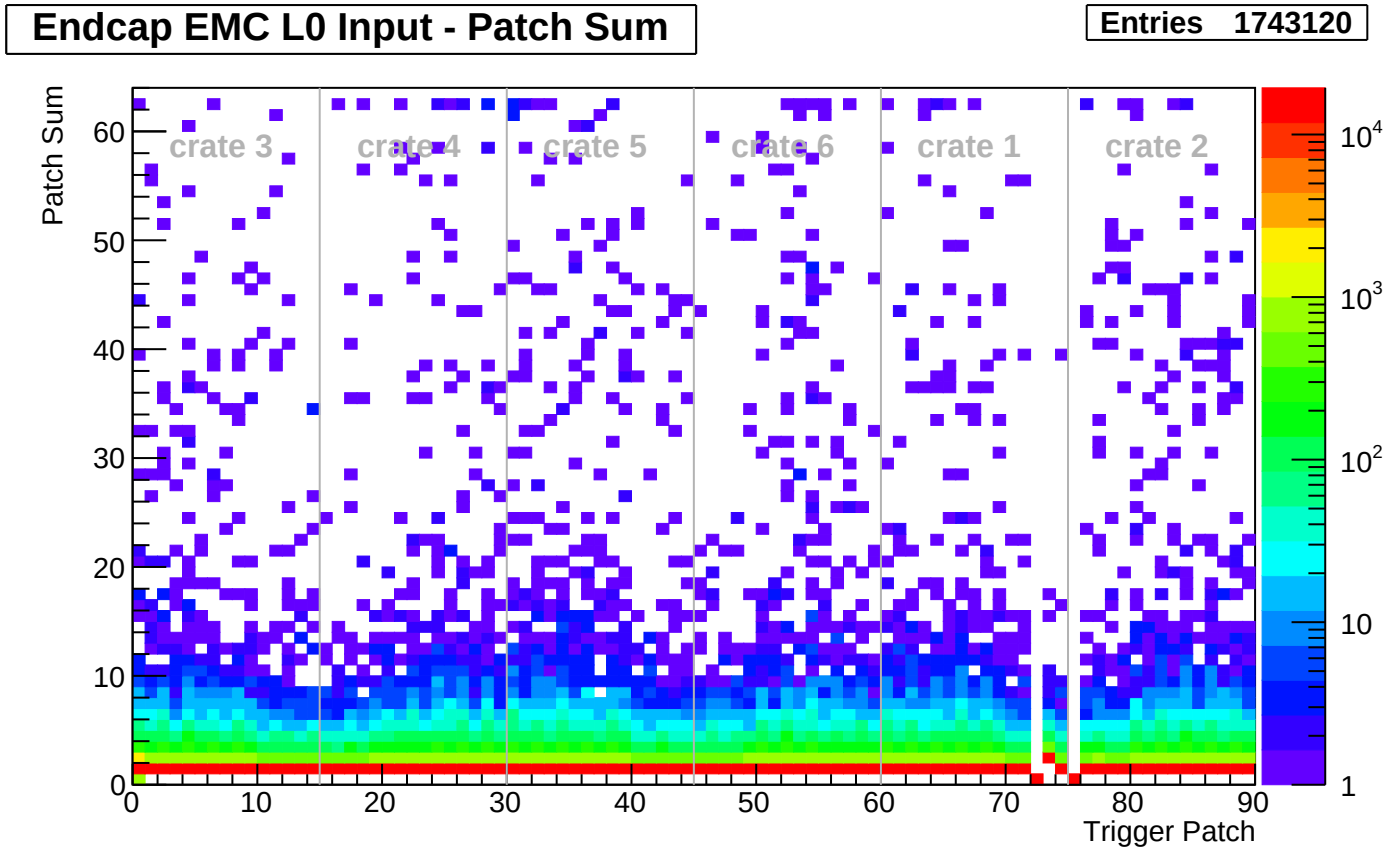
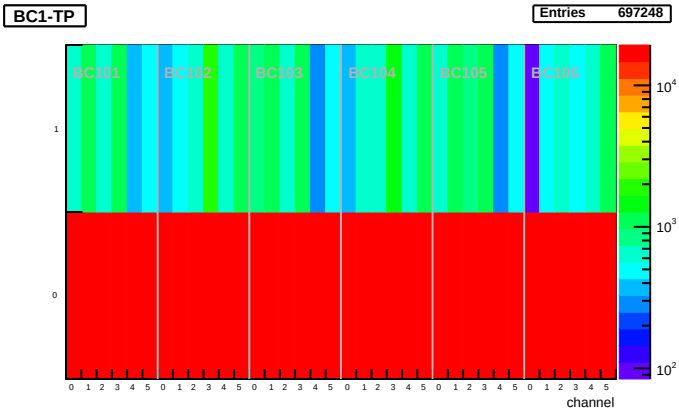
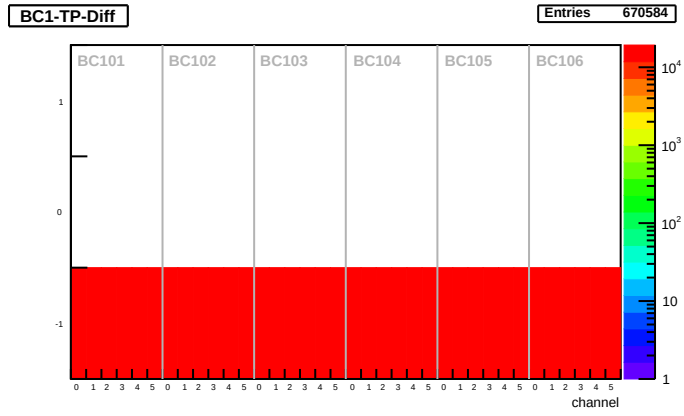

Barrel EMC L0 Input - High Tower
Entries 5810400
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

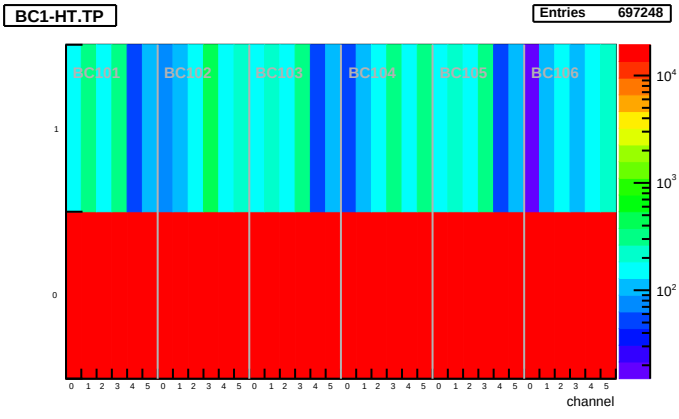

Barrel EMC L0 Input - Patch Sum
Entries 5810400
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

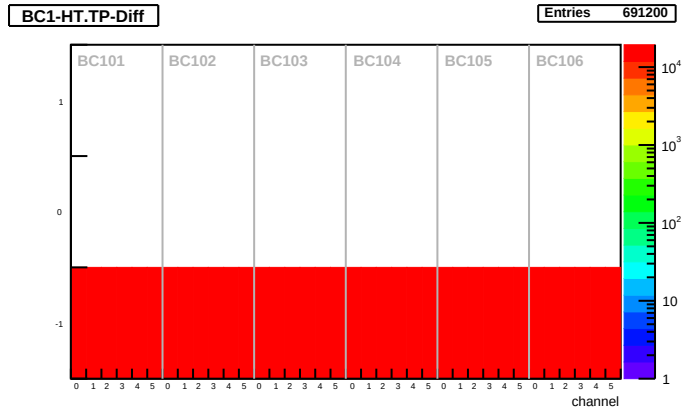

Endcap EMC L0 Input - High Tower
Entries 1743120
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

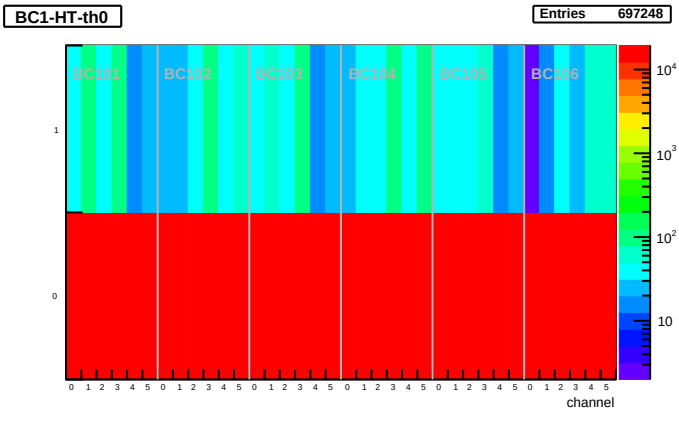

Endcap EMC L0 Input - Patch Sum
Entries 1743120
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

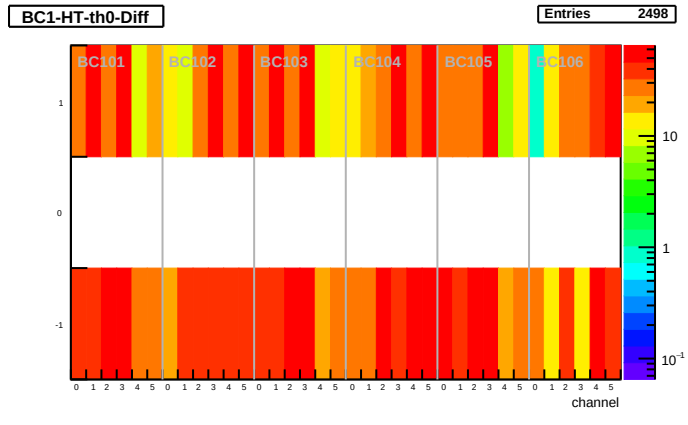

BC1-TP
Entries 697248
BC101
BC102
BC103
BC104
BC105
BC106
channel

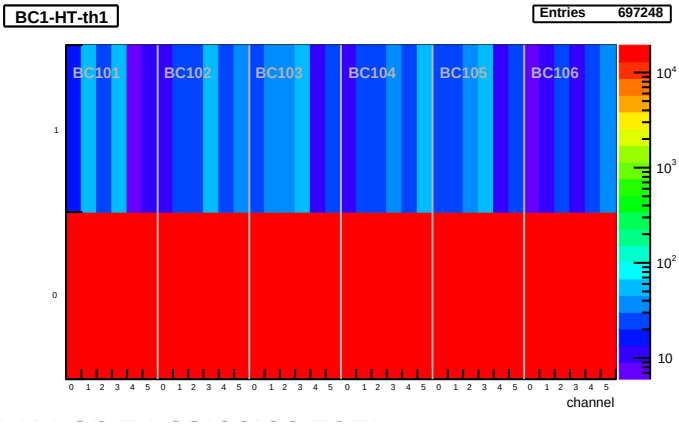

BC1-TP-Diff
Entries 670584
BC101
BC102
BC103
BC104
BC105
BC106
channel

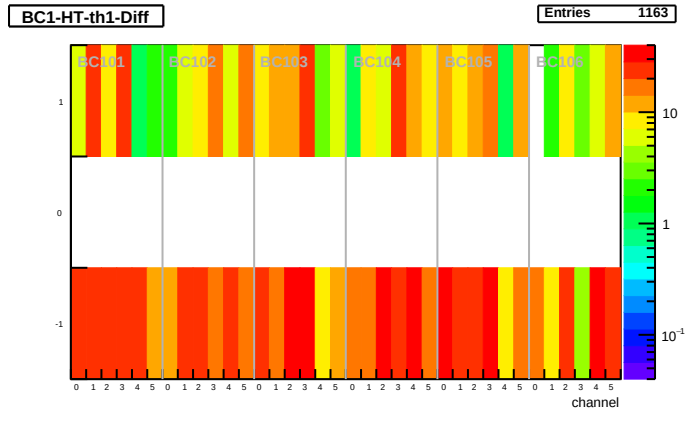

BC1-HT.TP
Entries 697248
BC101
BC102
BC103
BC104
BC105
BC106
channel

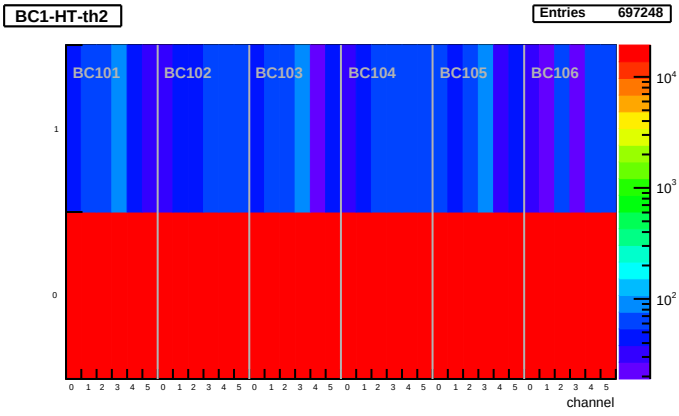

BC1-HT.TP-Diff
Entries 691200
BC101
BC102
BC103
BC104
BC105
BC106
channel

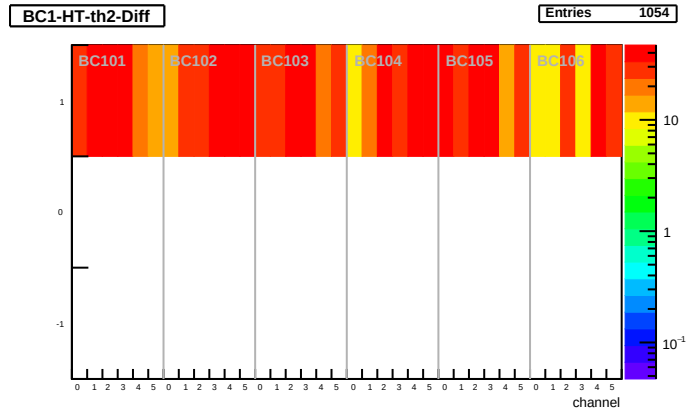

BC1-HT-th0
Entries 697248
BC101
BC102
BC103
BC104
BC105
BC106
channel

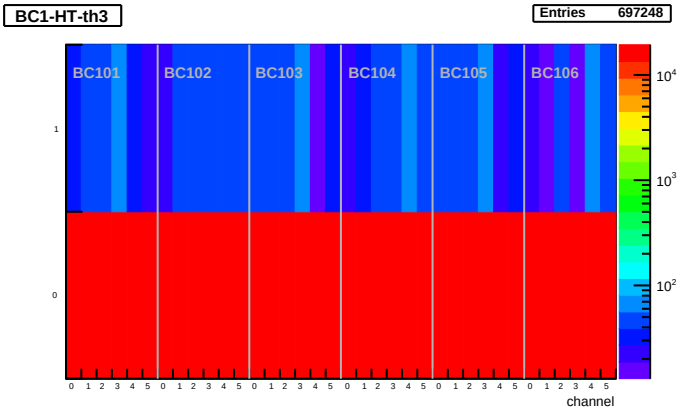

BC1-HT-th0-Diff
Entries 2498
BC101
BC102
BC103
BC104
BC105
BC106
channel

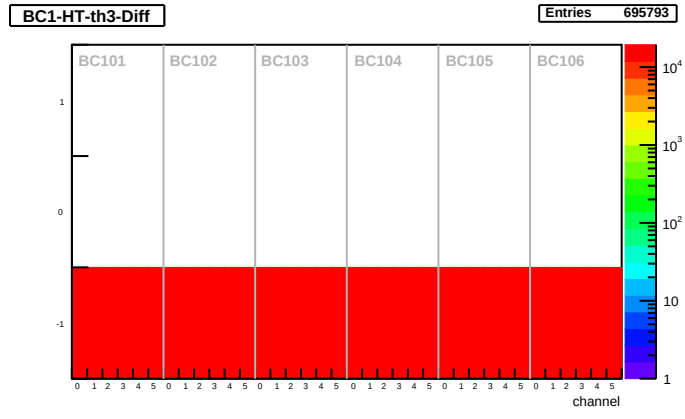

BC1-HT-th1
Entries 697248
BC101
BC102
BC103
BC104
BC105
BC106
channel

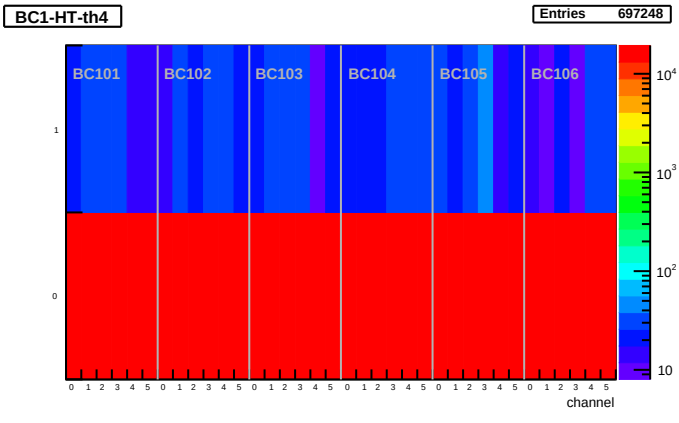

BC1-HT-th1-Diff
Entries 1163
BC101
BC102
BC103
BC104
BC105
BC106
channel

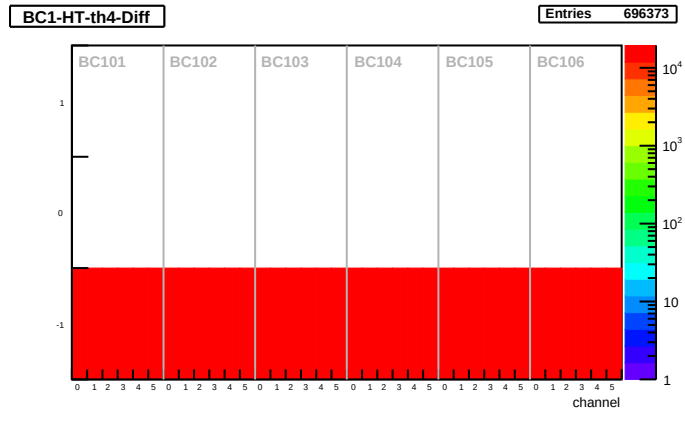

BC1-HT-th2
Entries 697248
BC101
BC102
BC103
BC104
BC105
BC106
channel

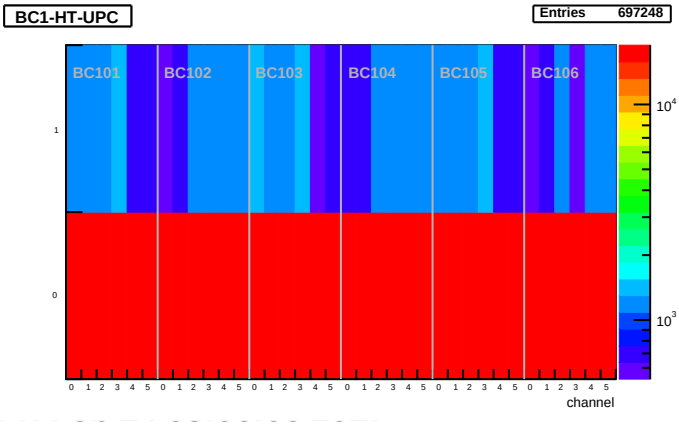

BC1-HT-th2-Diff
Entries 1054
BC101
BC102
BC103
BC104
BC105
BC106
channel

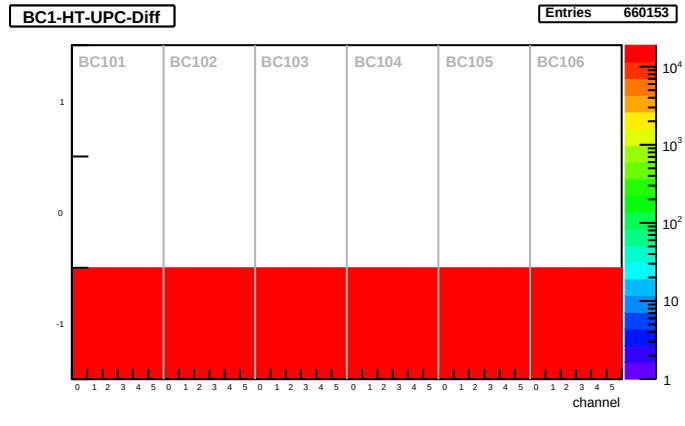

BC1-HT-th3
Entries 697248
BC101
BC102
BC103
BC104
BC105
BC106
channel

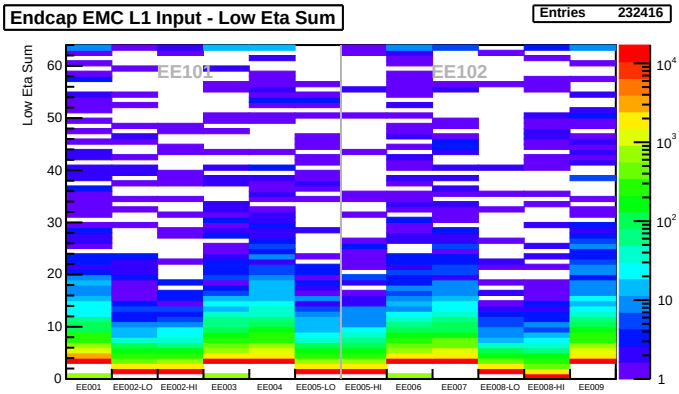

BC1-HT-th3-Diff
Entries 695793
BC101
BC102
BC103
BC104
BC105
BC106
channel

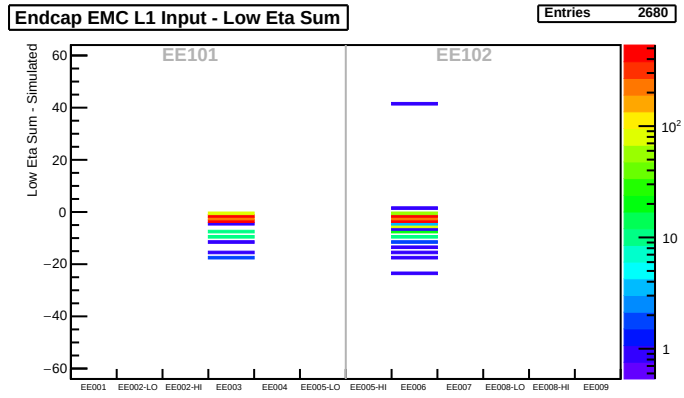

BC1-HT-th4
Entries 697248
BC101
BC102
BC103
BC104
BC105
BC106
channel

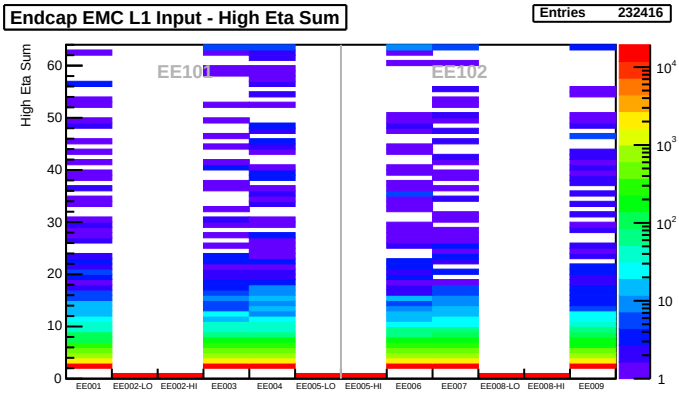

BC1-HT-th4-Diff
Entries 696373
BC101
BC102
BC103
BC104
BC105
BC106
channel

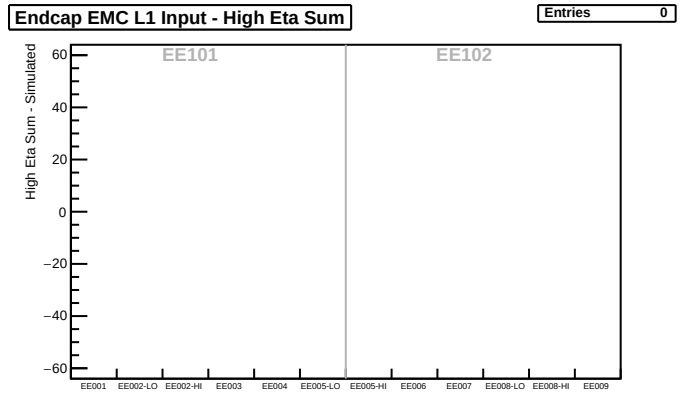

BC1-HT-UPC
Entries 697248
BC101
BC102
BC103
BC104
BC105
BC106
channel

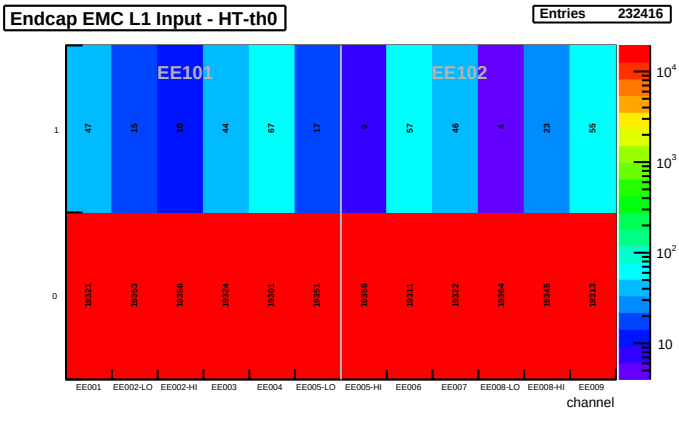

BC1-HT-UPC-Diff
Entries 660153
BC101
BC102
BC103
BC104
BC105
BC106
channel

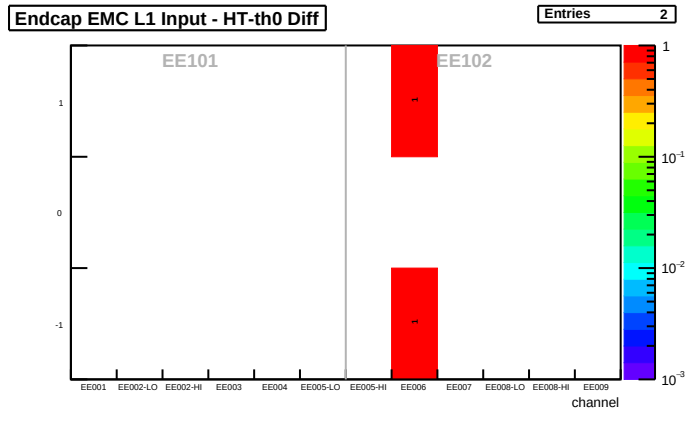

Endcap EMC L1 Input - Low Eta Sum
Entries 232416
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

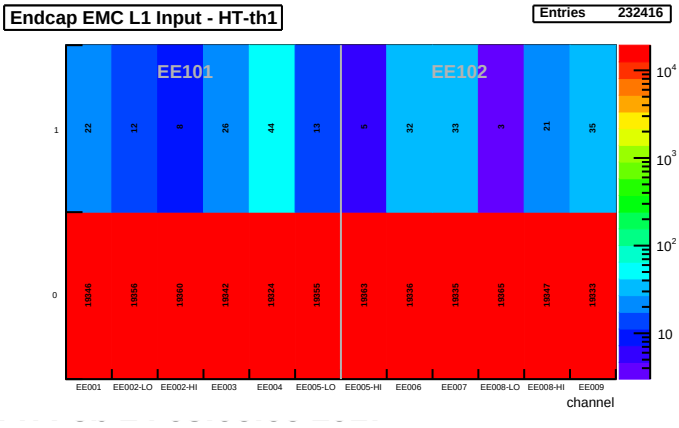

Endcap EMC L1 Input - Low Eta Sum
Entries 2680
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

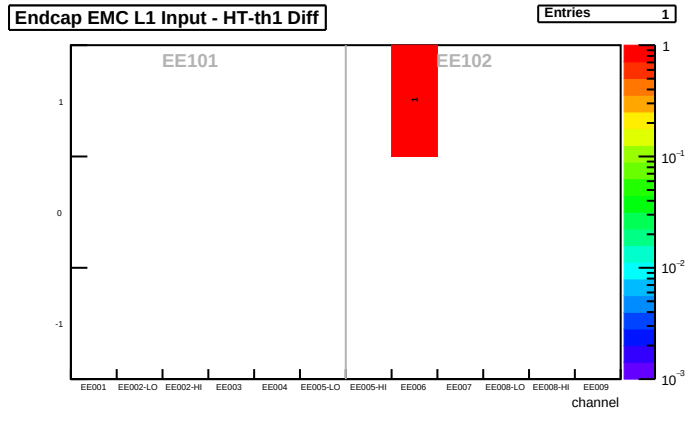

Endcap EMC L1 Input - High Eta Sum
Entries 232416
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

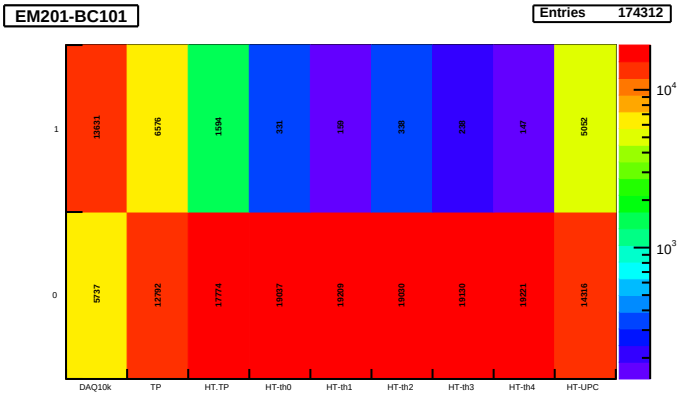

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

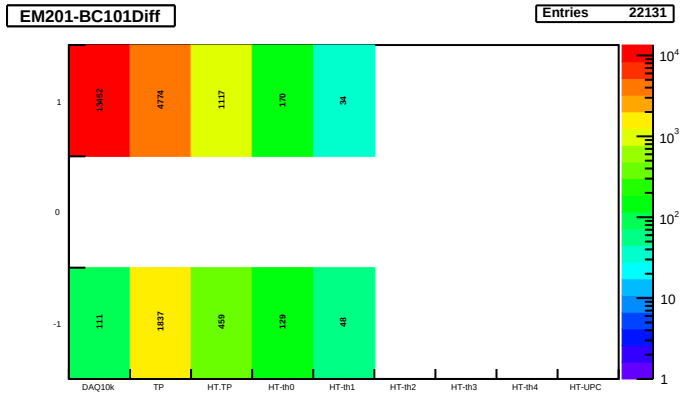

Endcap EMC L1 Input - HT-th0
Entries 232416
EE101
EE102
47 15 10 44 67 17 9 57 46 4 23 55
19321 19353 19358 19324 19301 19351 19359 19311 19322 19364 19345 19313
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

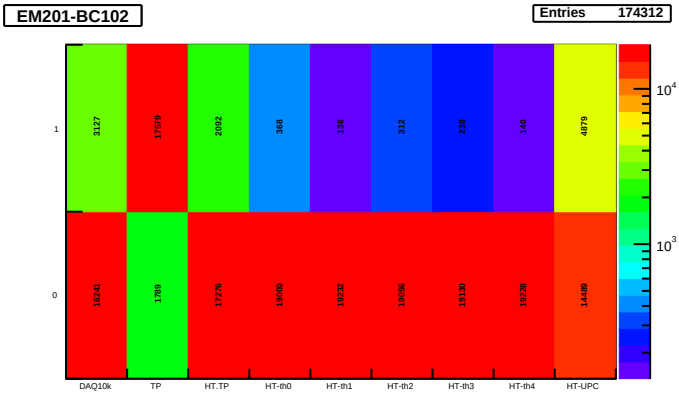

Endcap EMC L1 Input - HT-th0 Diff
Entries 2
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

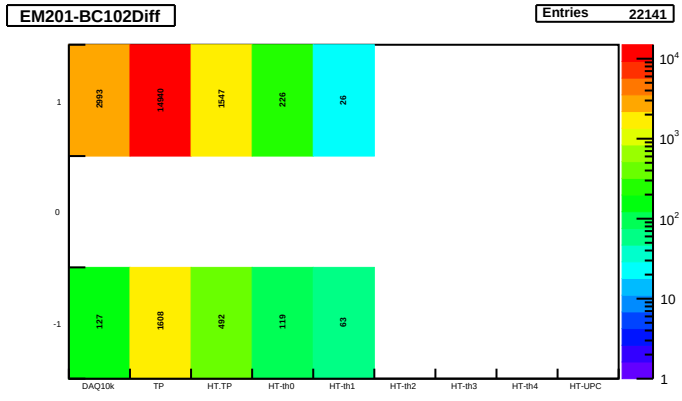

Endcap EMC L1 Input - HT-th1
Entries 232416
EE101
EE102
22 12 8 26 44 13 5 32 33 3 21 35
19346 19356 19360 19342 19324 19355 19363 19336 19335 19365 19347 19333
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

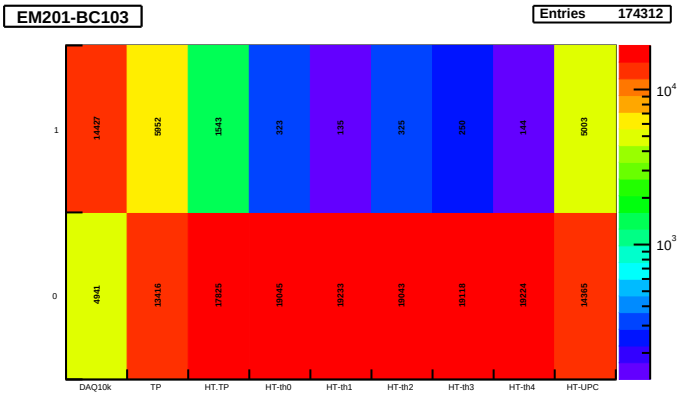

Endcap EMC L1 Input - HT-th1 Diff
Entries 1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

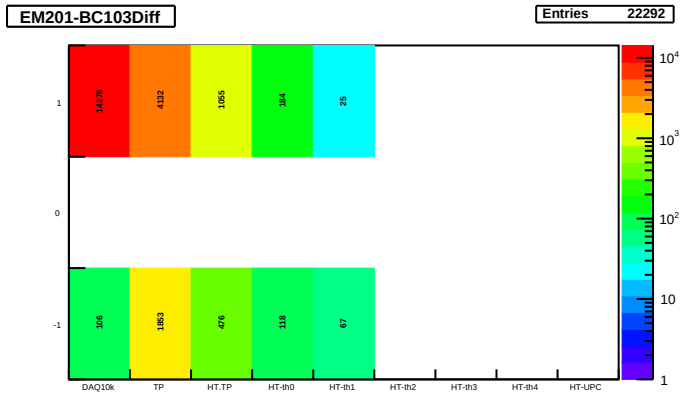

EM201-BC101
Entries 174312
1
0
13631
6576
1594
331
159
338
226
147
5052
5737
12792
17774
19037
19269
19020
19130
19221
14316
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3

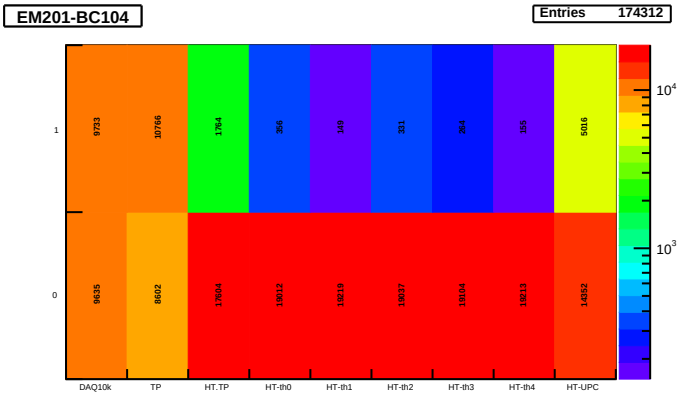

EM201-BC101Diff
Entries 22131
1
0
-1
13452
4774
1117
170
34
111
1837
459
129
48
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

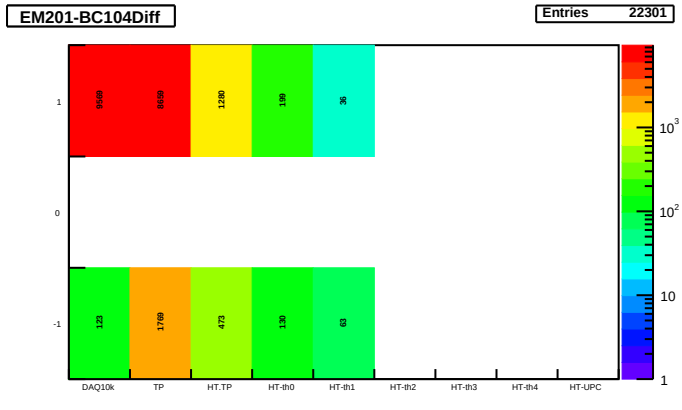

EM201-BC102
Entries 174312
1
0
3127
17579
2092
368
136
312
236
140
4879
15241
1789
17236
19000
19232
19056
19130
19228
14489
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3


EM201-BC102Diff
Entries 22141
1
0
-1
2993
14940
1547
226
26
127
1608
492
119
63
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

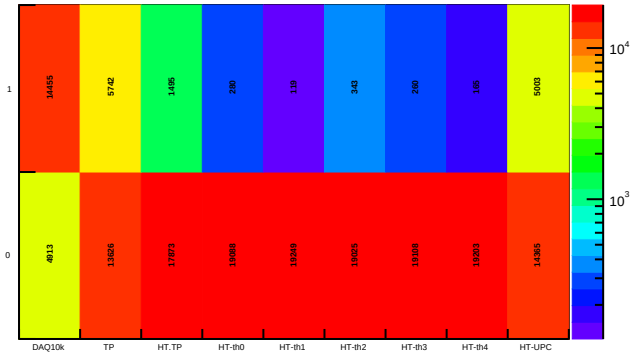

EM201-BC103
Entries 174312
1
0
14427
9952
1543
323
135
325
250
144
5003
4941
13416
17825
19045
19233
19043
19118
19224
14365
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3


EM201-BC103Diff
Entries 22292
1
0
-1
14276
4132
1065
184
25
106
1853
476
118
67
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

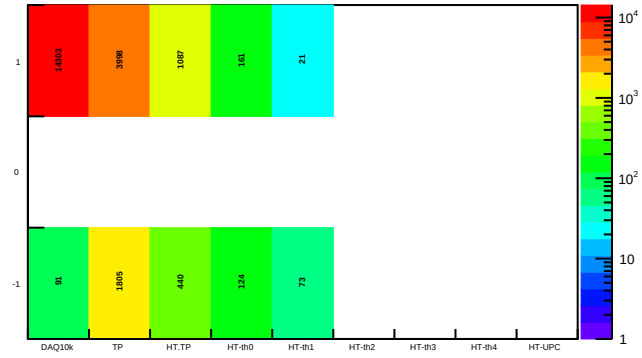

EM201-BC104
Entries 174312
1
0
9733
10766
1764
356
149
331
264
155
5016
9635
8602
17604
19012
19219
19037
19104
19213
14352
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3


EM201-BC104Diff
Entries 22301
1
0
-1
9569
8659
1260
199
36
125
1789
473
130
63
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

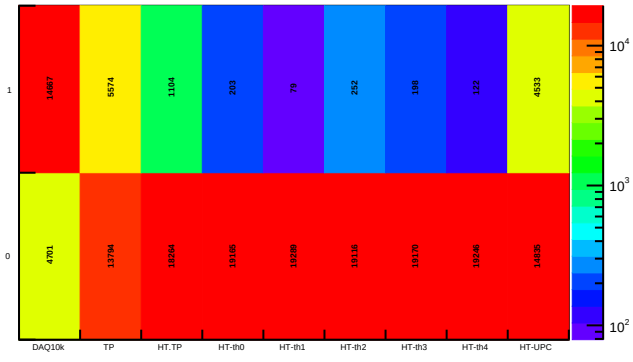
EM201-BC105 Entries 174312



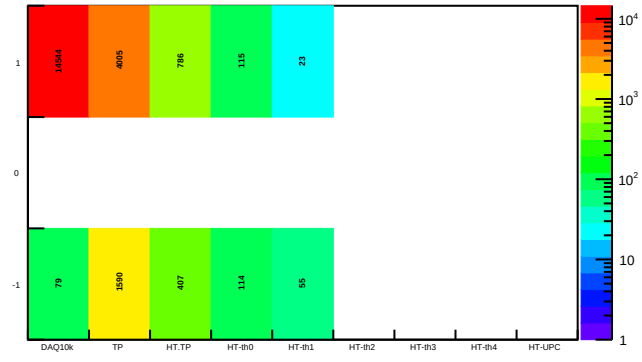
EM201-BC105Diff Entries 22103



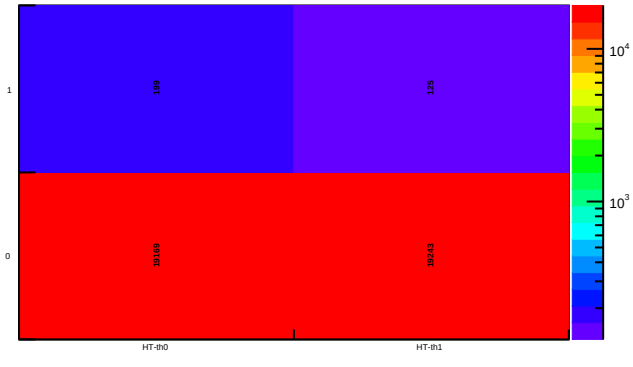
EM201-BC106 Entries 174312



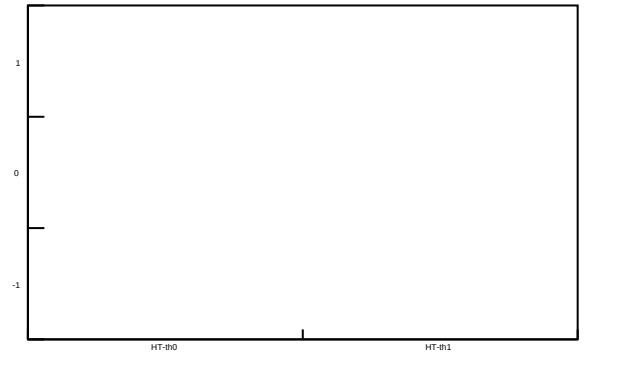
EM201-BC106Diff Entries 21718



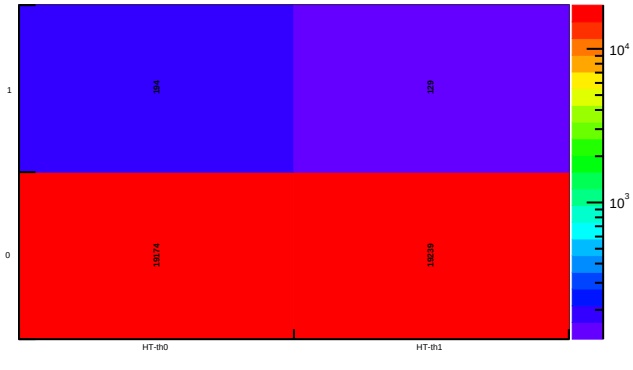
EM201-EE101 Entries 38736



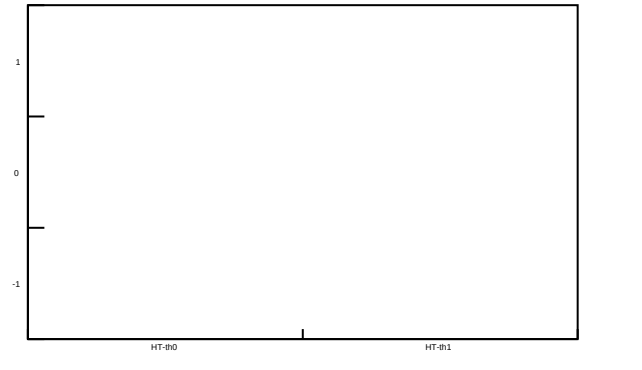
EM201-EE101Diff Entries 0

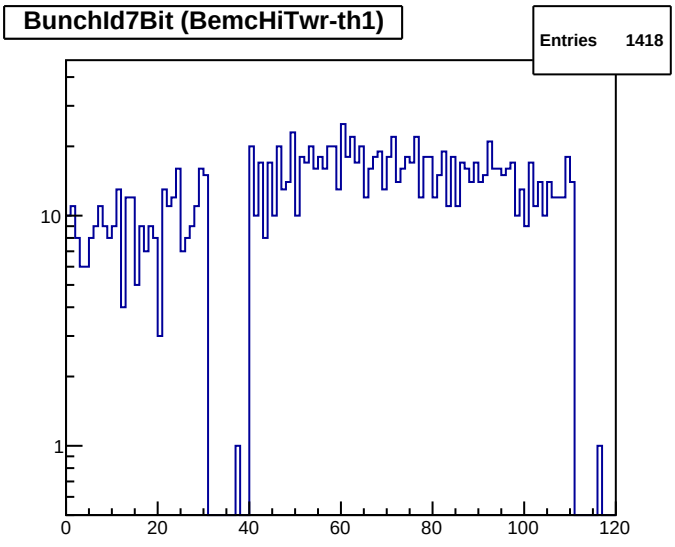


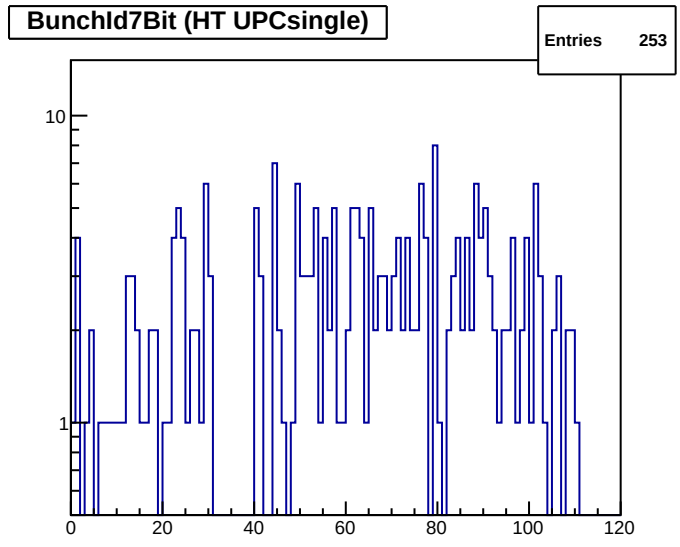
EM201-EE102 Entries 38736

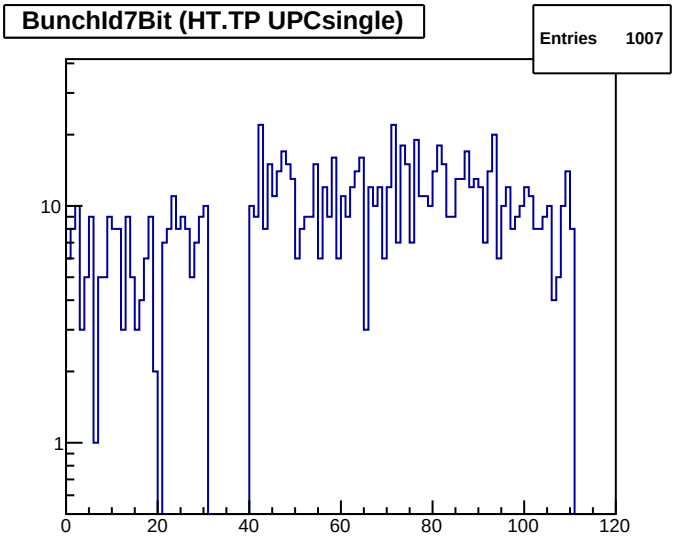


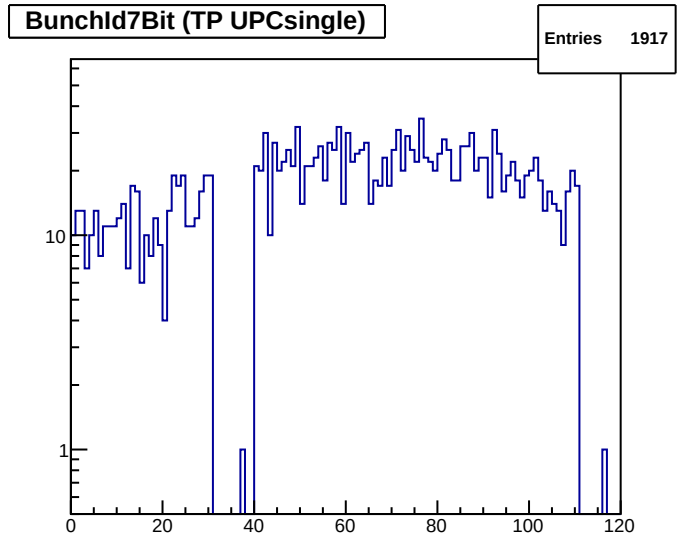
EM201-EE102Diff Entries 0

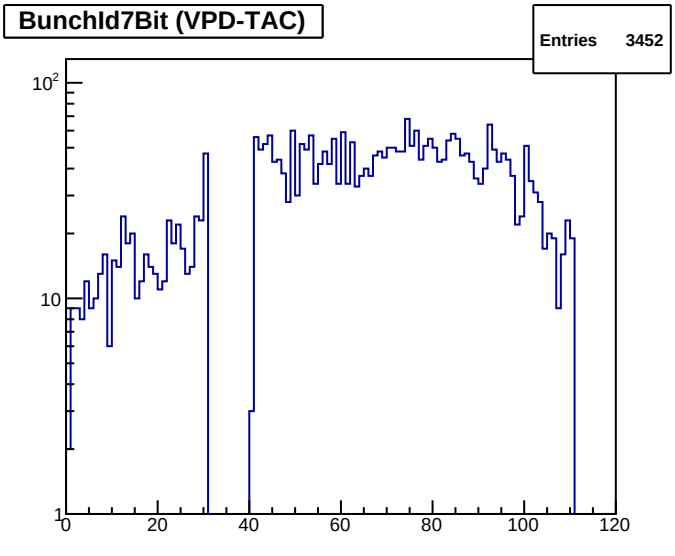


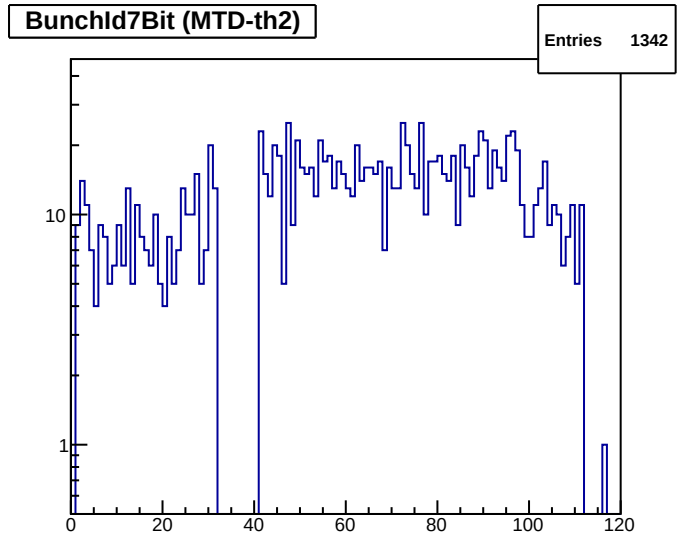

BunchId7Bit (BemcHiTwr-th1)
Entries 1418
10
1
0
20
40
60
80
100
120

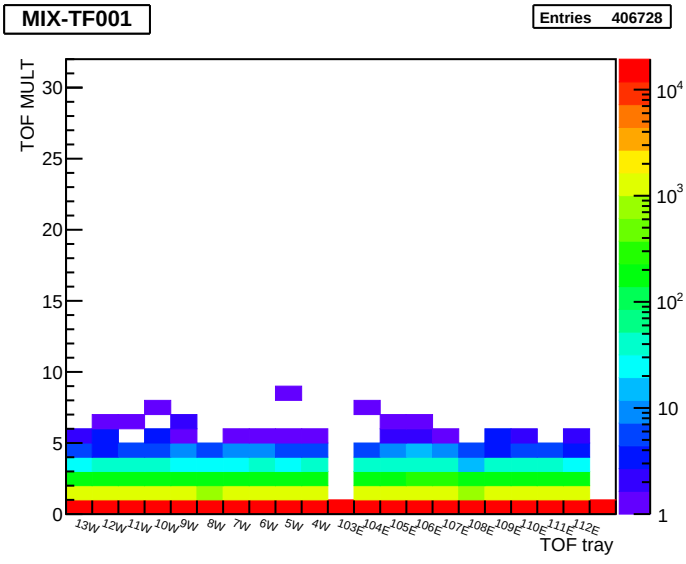

BunchId7Bit (HT UPCsingle)
Entries 253
10
1
0
20
40
60
80
100
120

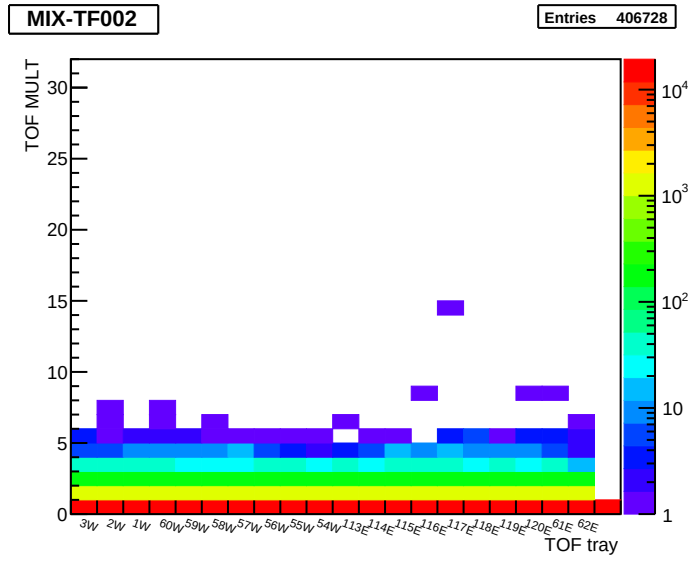

BunchId7Bit (HT.TP UPCsingle)
Entries 1007
10
1
0
20
40
60
80
100
120

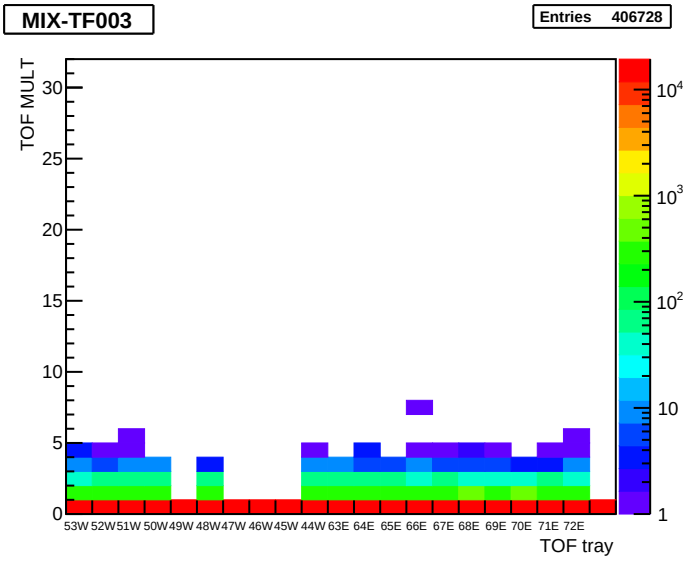

BunchId7Bit (TP UPCsingle)
Entries 1917
10
1
0
20
40
60
80
100
120

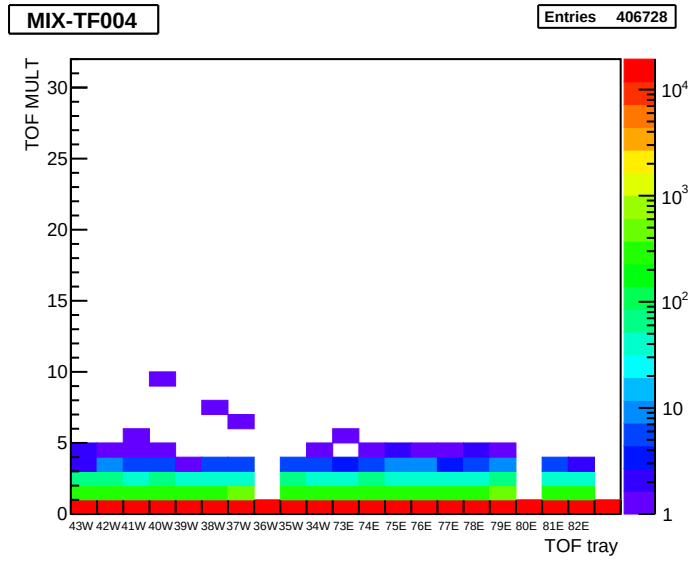

BunchId7Bit (VPD-TAC)
Entries 3452
10^2
10
1
0
20
40
60
80
100
120

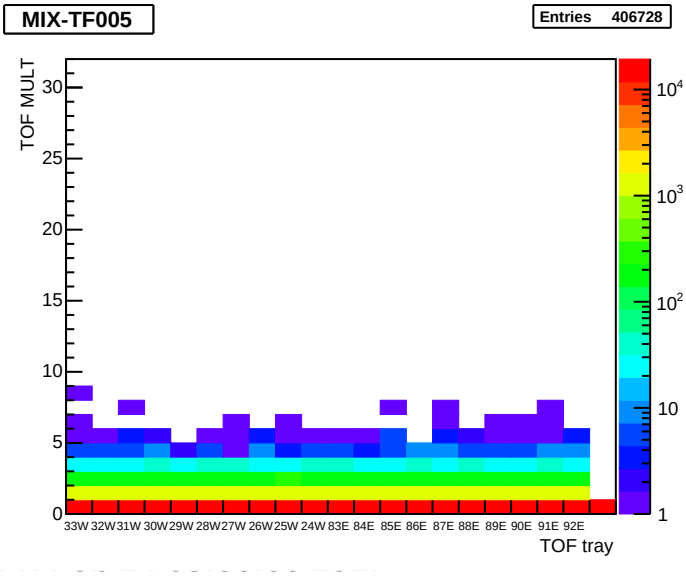

BunchId7Bit (MTD-th2)
Entries 1342
10
1
0
20
40
60
80
100
120

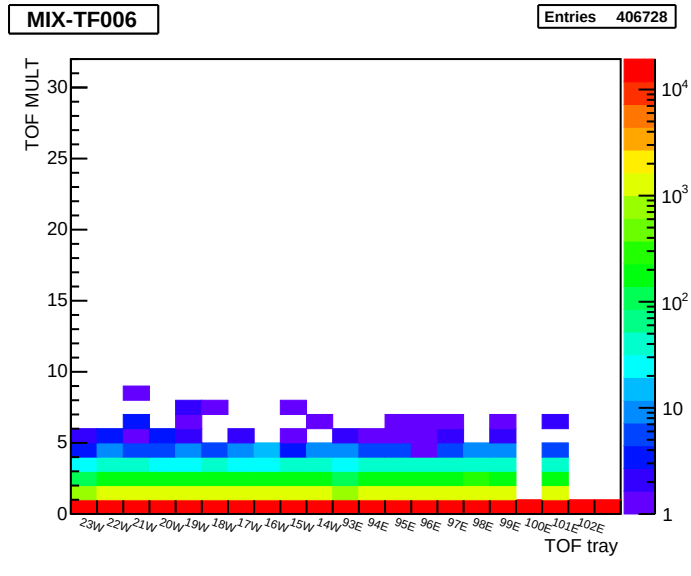

MIX-TF001
Entries 406728
TOF MULT
TOF tray

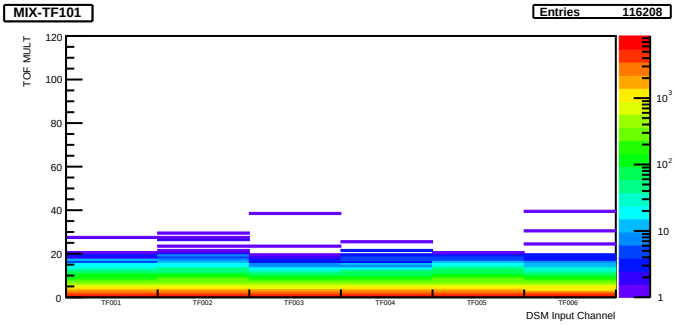

MIX-TF002
Entries 406728
TOF MULT
TOF tray

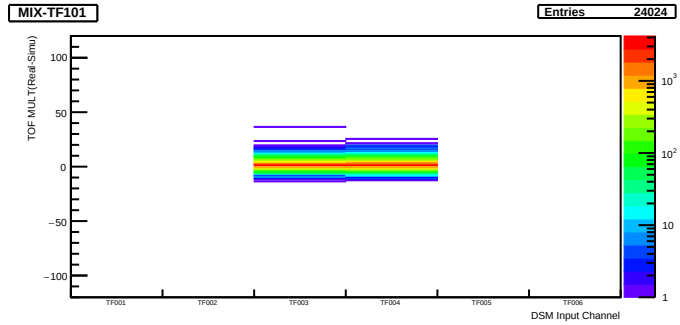

MIX-TF003
Entries 406728
TOF MULT
TOF tray

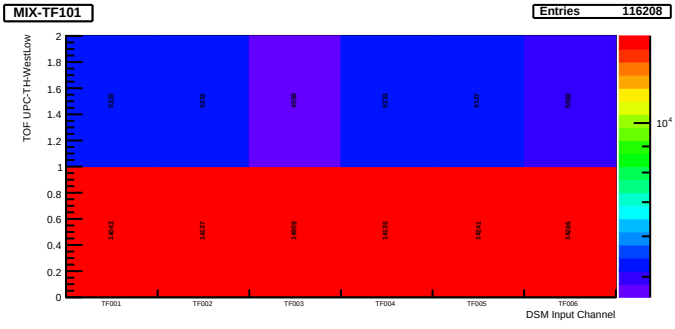

MIX-TF004
Entries 406728
TOF MULT
TOF tray

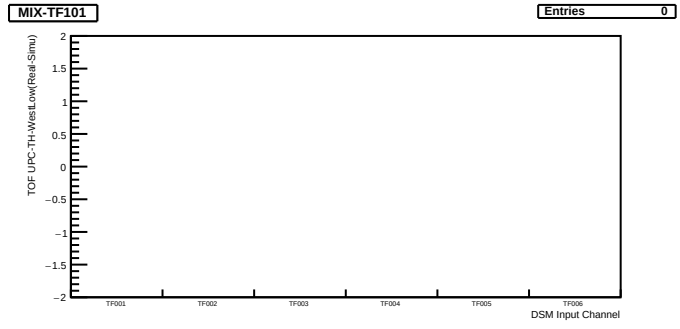

MIX-TF005
Entries 406728
TOF MULT
TOF tray

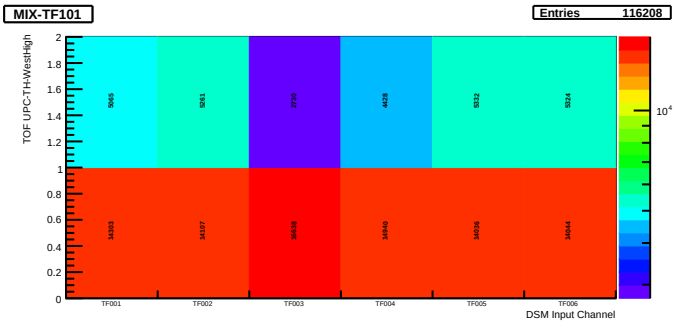

MIX-TF006
Entries 406728
TOF MULT
TOF tray

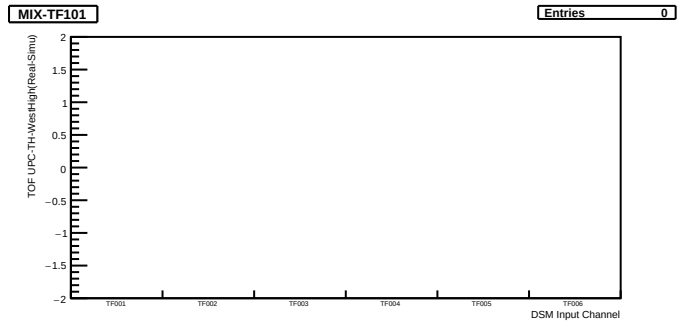

MIX-TF101
Entries 116208
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

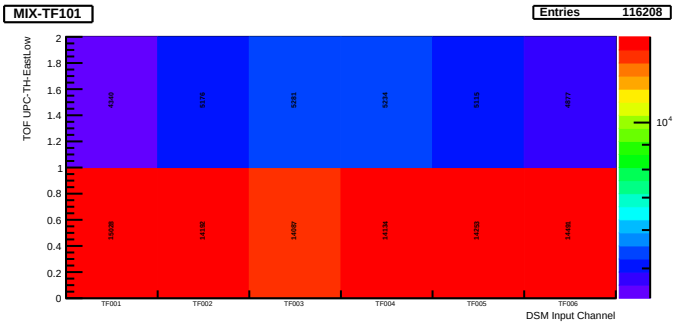

MIX-TF101
Entries 24024
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

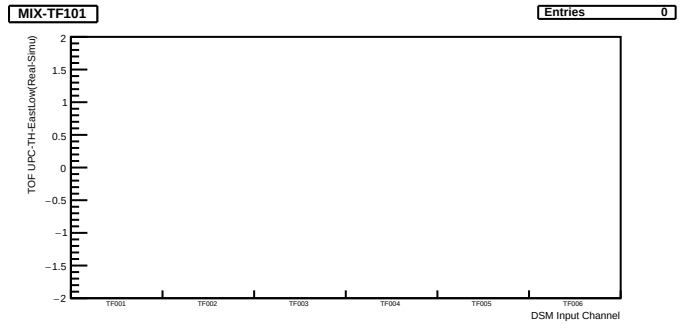

MIX-TF101
Entries 116208
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

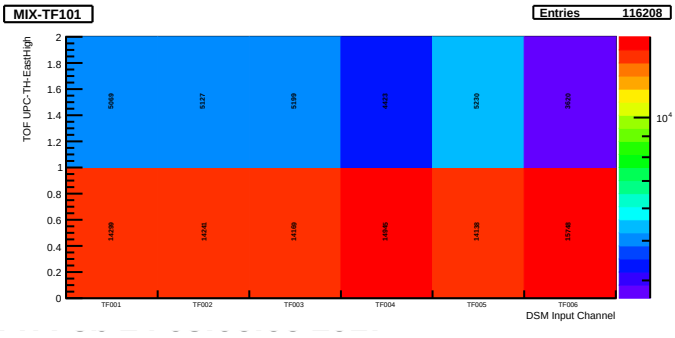

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

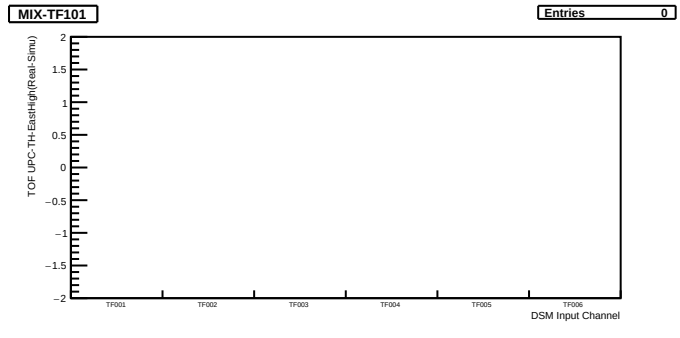

MIX-TF101
Entries 116208
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

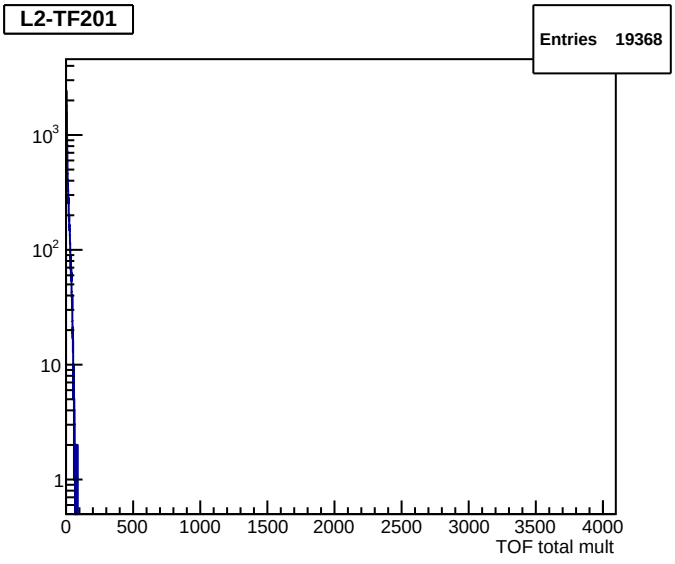

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

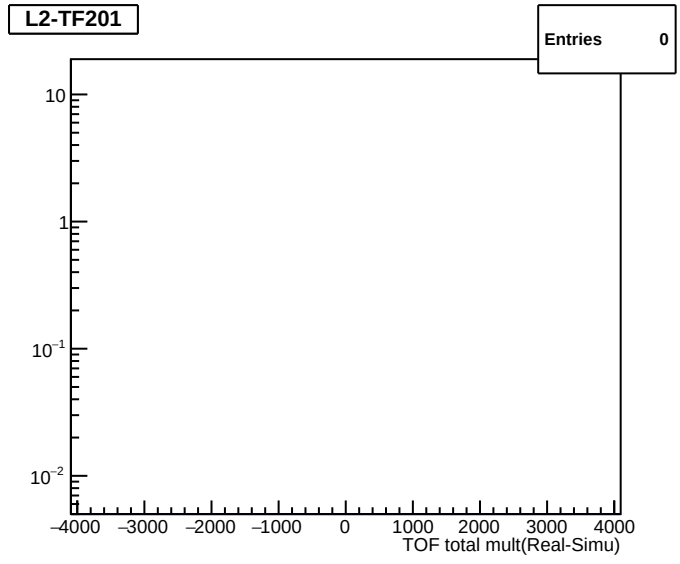

MIX-TF101
Entries 116208
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

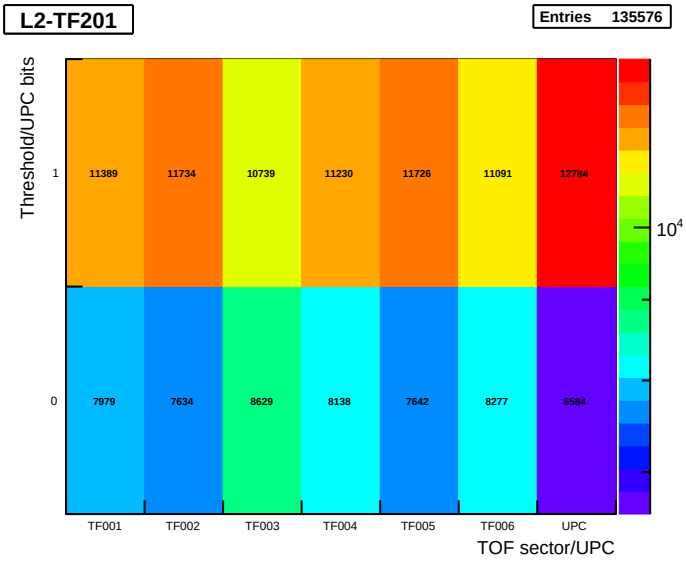

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

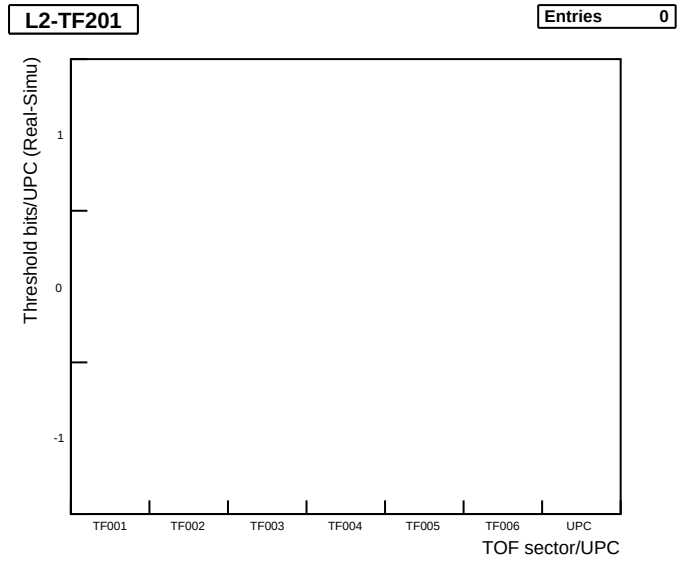

MIX-TF101
Entries 116208
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

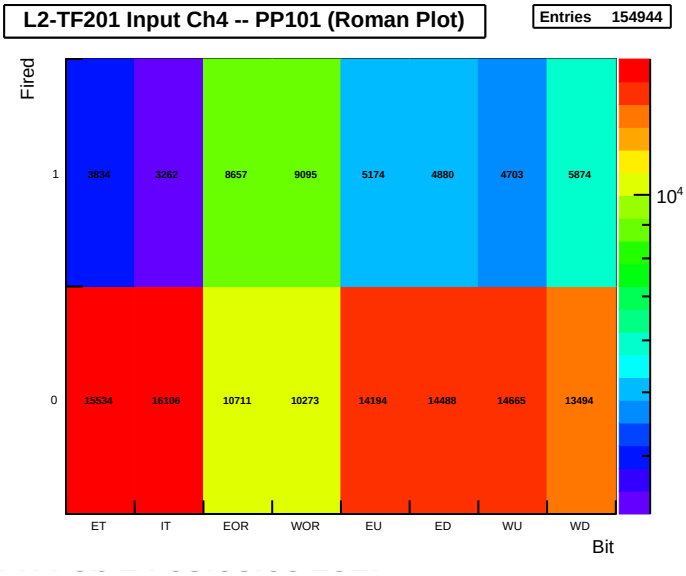

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

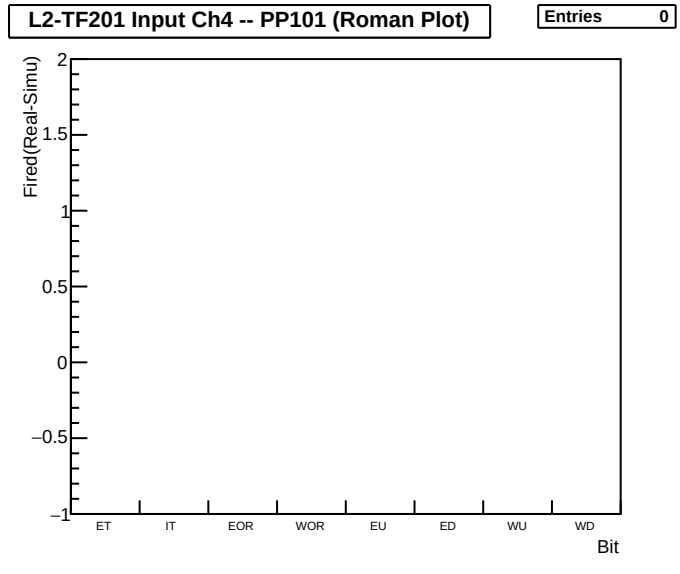

L2-TF201
Entries 19368
TOF total mult

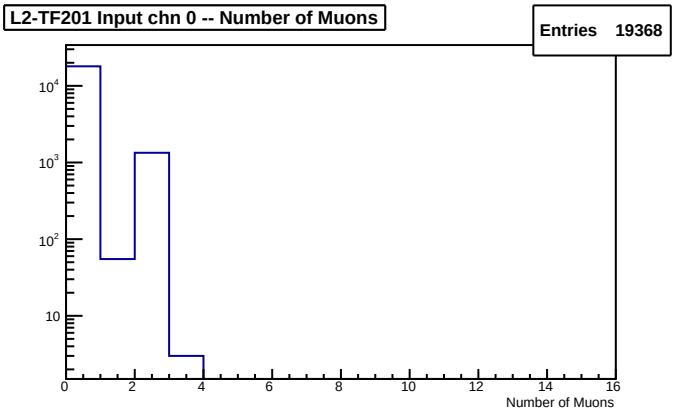

L2-TF201
Entries 0
TOF total mult(Real-Simu)

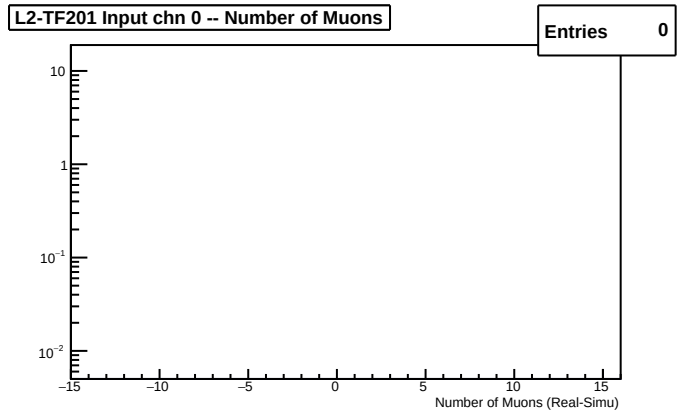

L2-TF201
Entries 135576
Threshold/UPC bits
11389
11734
10739
11230
11726
11091
12784
7979
7634
8629
8138
7642
8277
6584
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

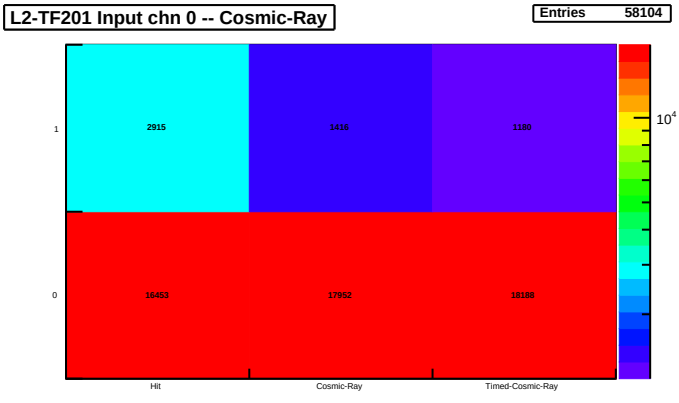

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

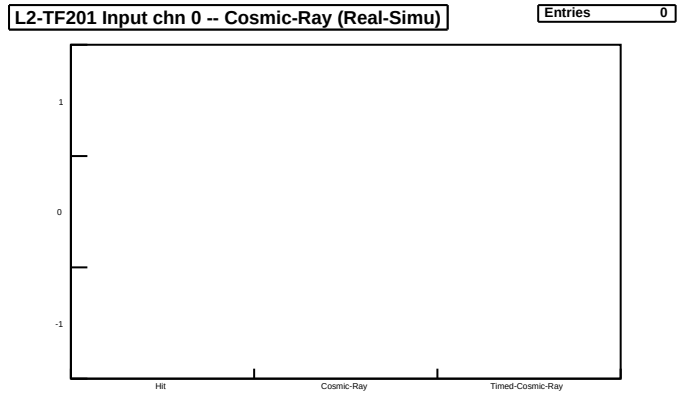

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 154944
Fired
3834
3262
8657
9095
5174
4880
4703
5874
15534
16106
10711
10273
14194
14488
14665
13494
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

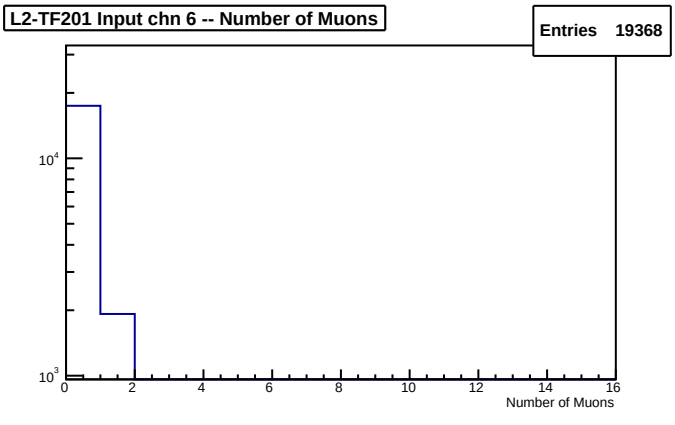

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

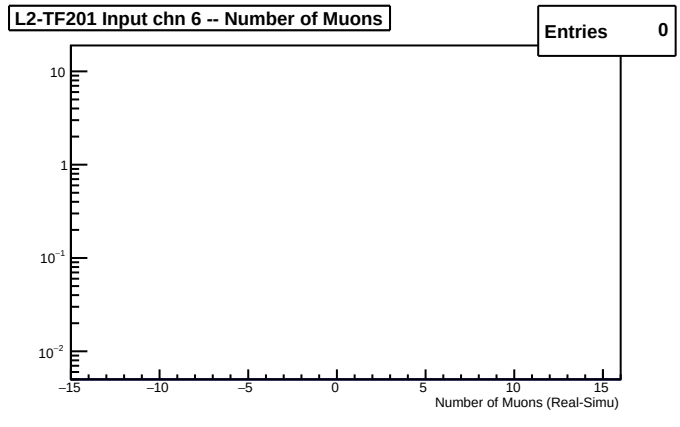

L2-TF201 Input chn 0 -- Number of Muons
Entries 19368
Number of Muons

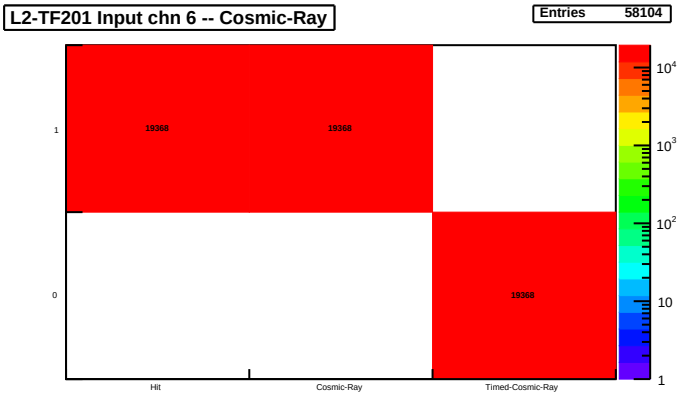

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

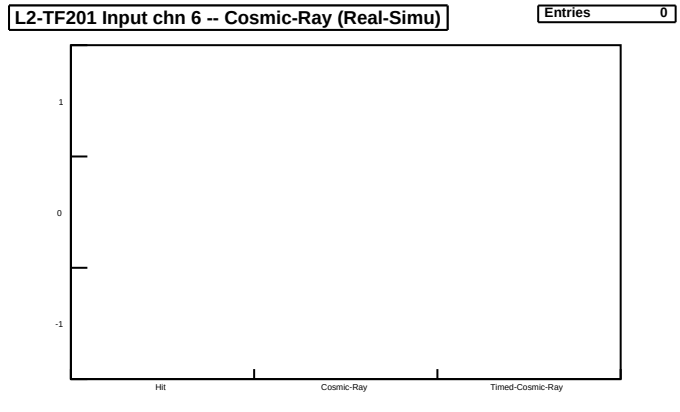

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 58104
2915
1416
1180
16453
17952
18188
Hit
Cosmic-Ray
Timed-Cosmic-Ray

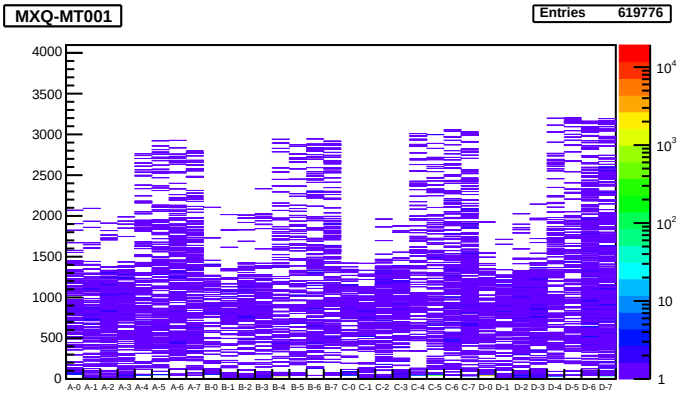

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

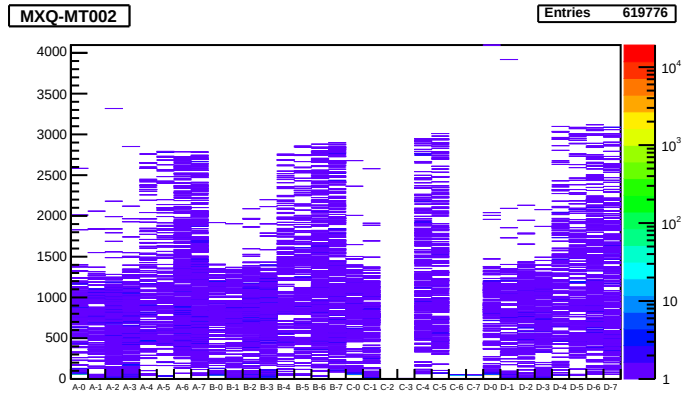

L2-TF201 Input chn 6 -- Number of Muons
Entries 19368
Number of Muons

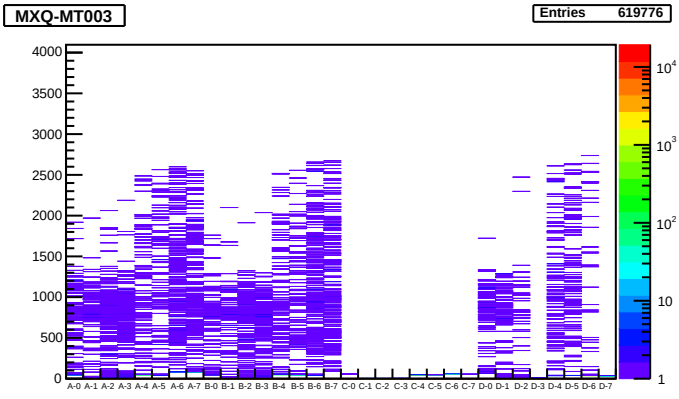

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

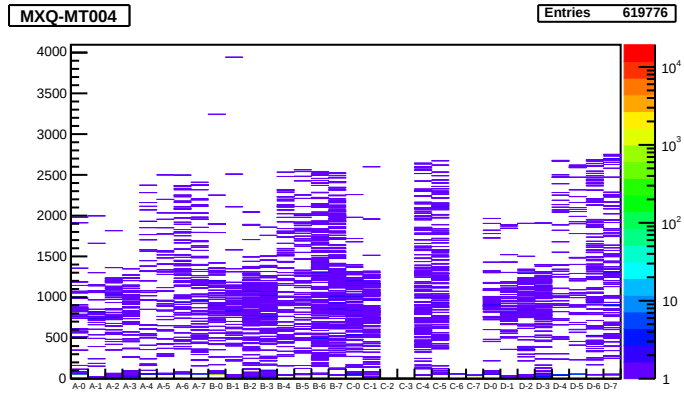

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 58104
19368
19368
19368
Hit
Cosmic-Ray
Timed-Cosmic-Ray

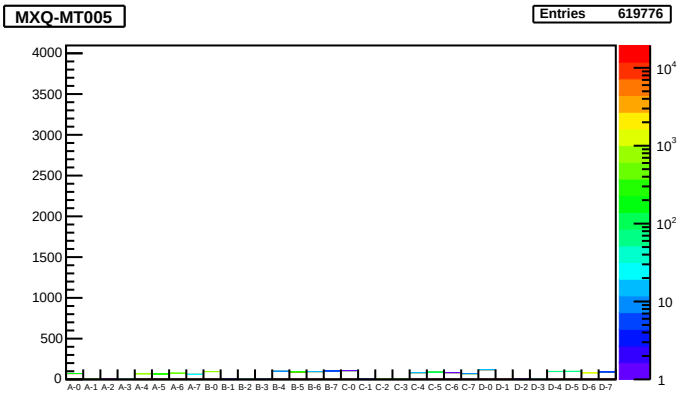

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

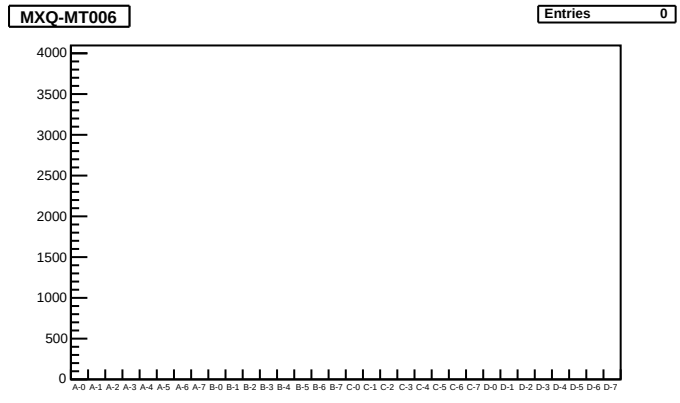

MXQ-MT001
Entries 619776

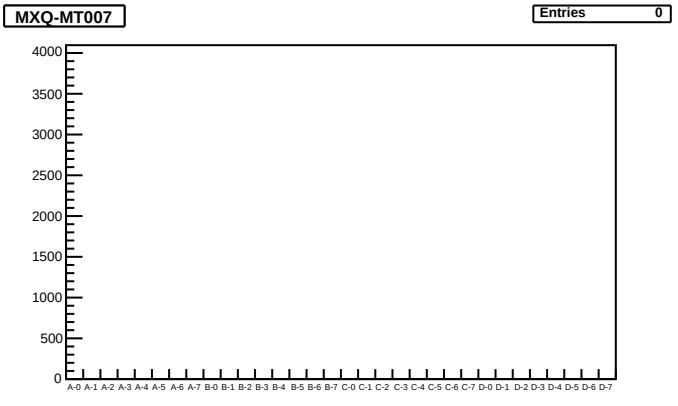

MXQ-MT002
Entries 619776

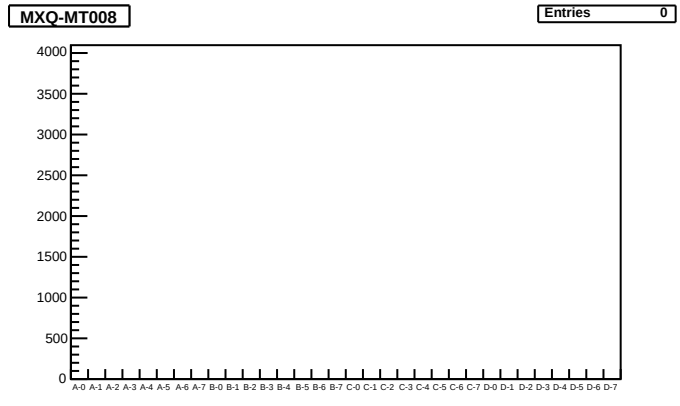

MXQ-MT003
Entries 619776

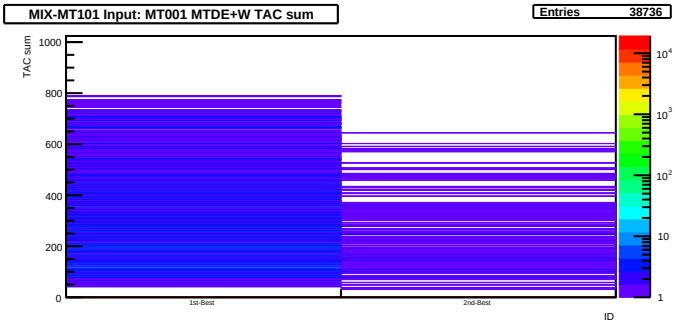

MXQ-MT004
Entries 619776

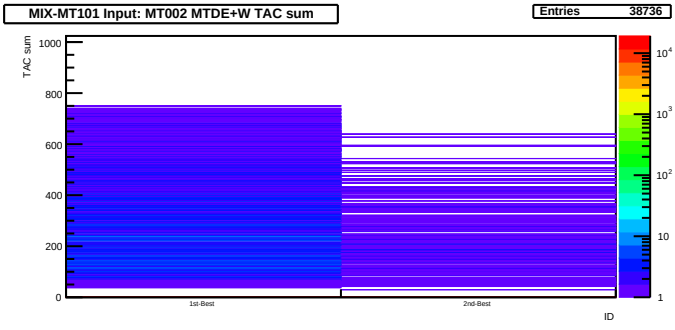

MXQ-MT005
Entries 619776

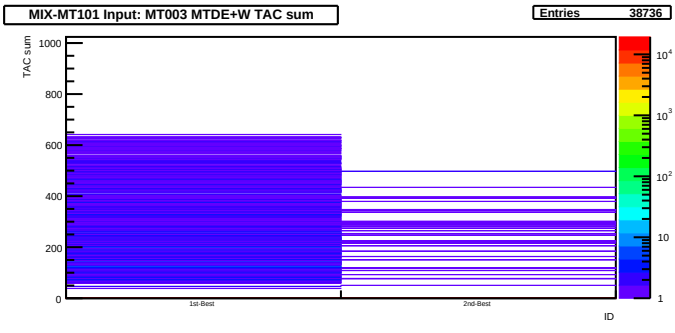

MXQ-MT006
Entries 0

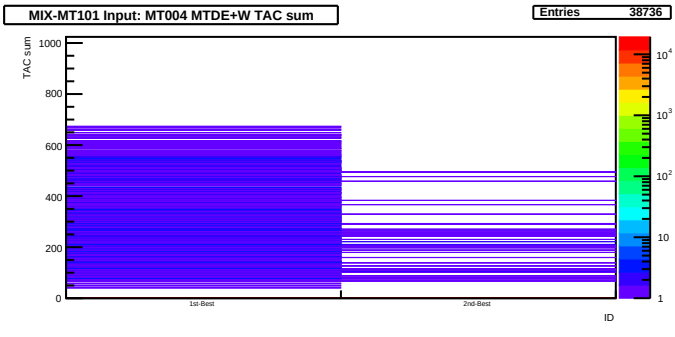

MXQ-MT007
Entries 0

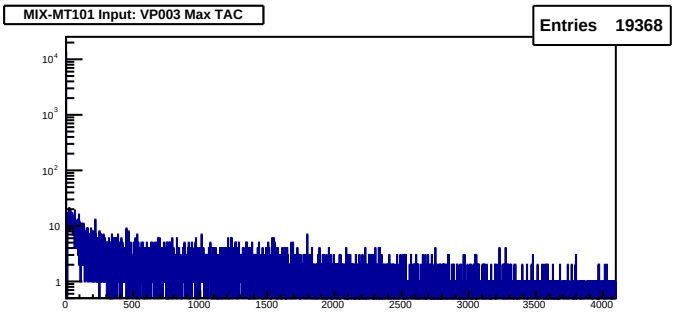

MXQ-MT008
Entries 0

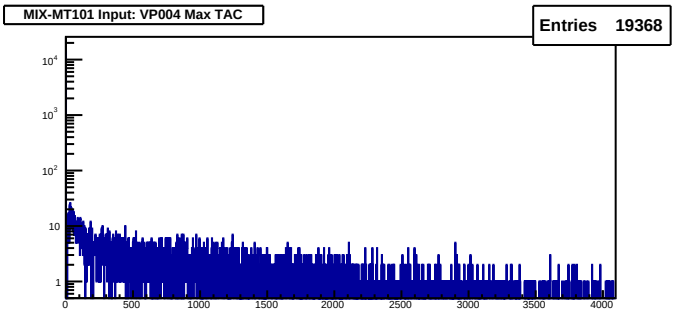

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 38736
TAC sum
1st-Best
2nd-Best
ID

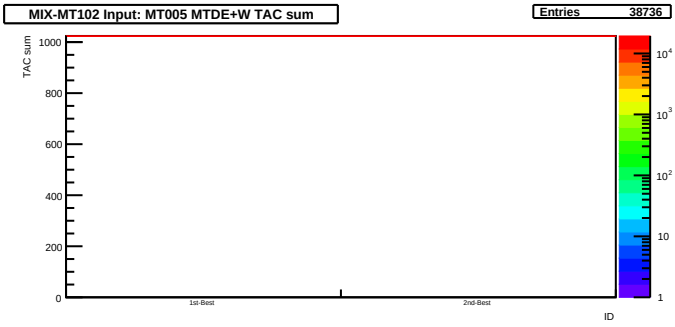

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 38736
TAC sum
1st-Best
2nd-Best
ID

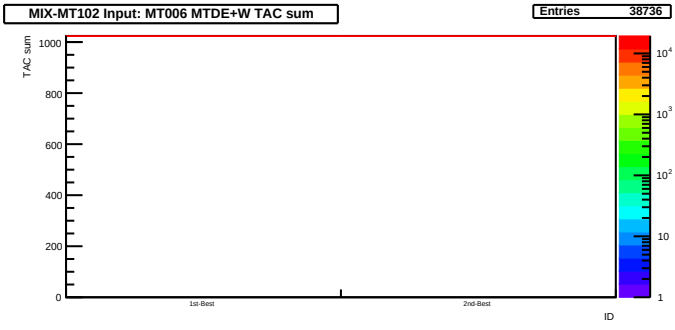

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 38736
TAC sum
1st-Best
2nd-Best
ID

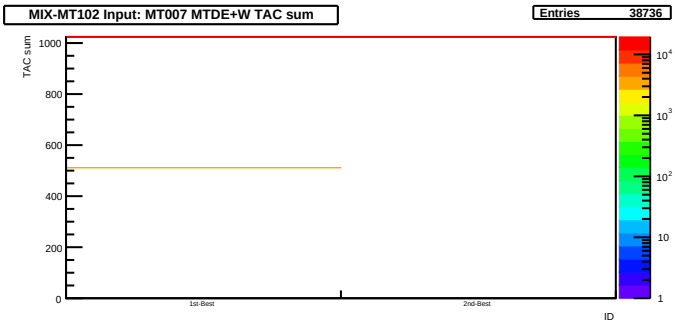

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 38736
TAC sum
1st-Best
2nd-Best
ID

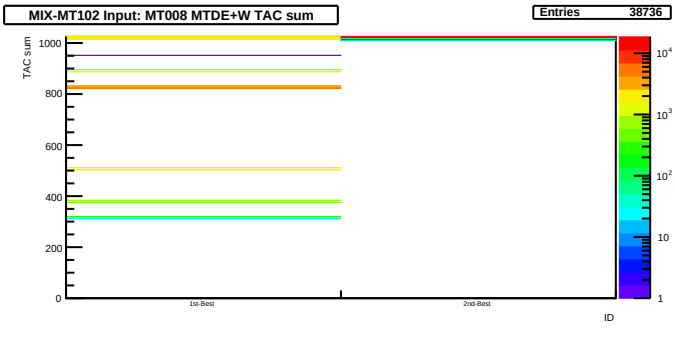

MIX-MT101 Input: VP003 Max TAC
Entries 19368

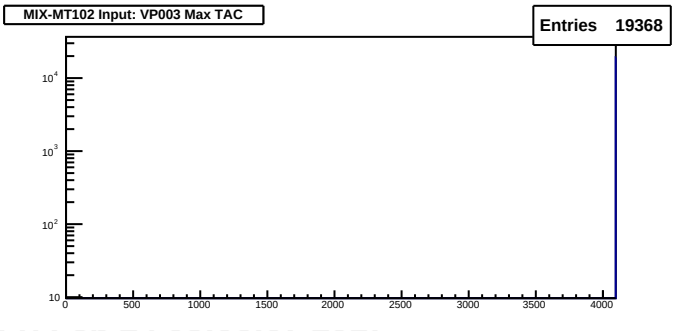

MIX-MT101 Input: VP004 Max TAC
Entries 19368

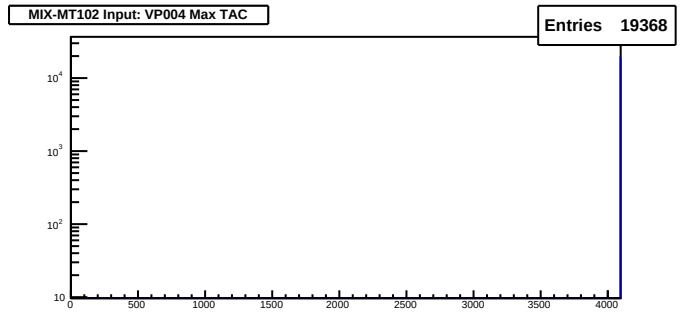

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 38736
TAC sum
1st-Best
2nd-Best
ID

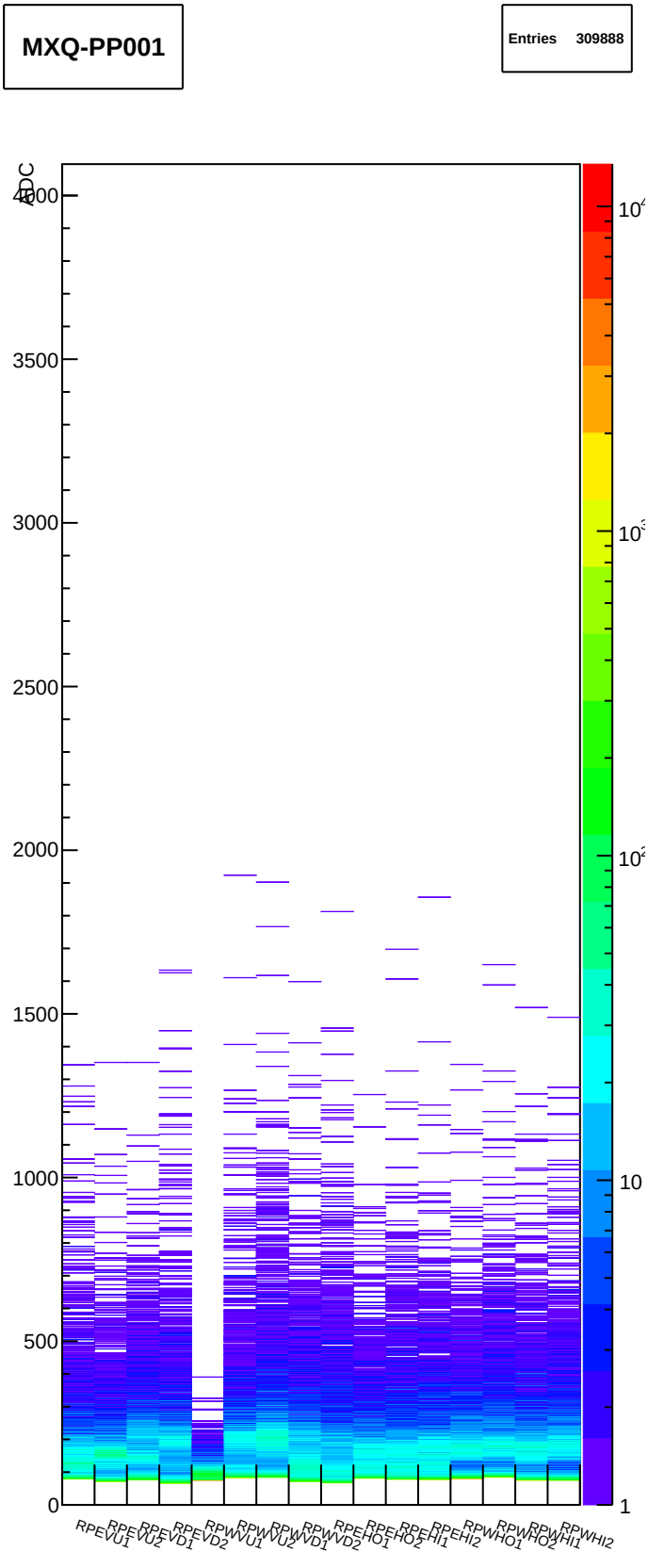

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 38736
TAC sum
1st-Best
2nd-Best
ID

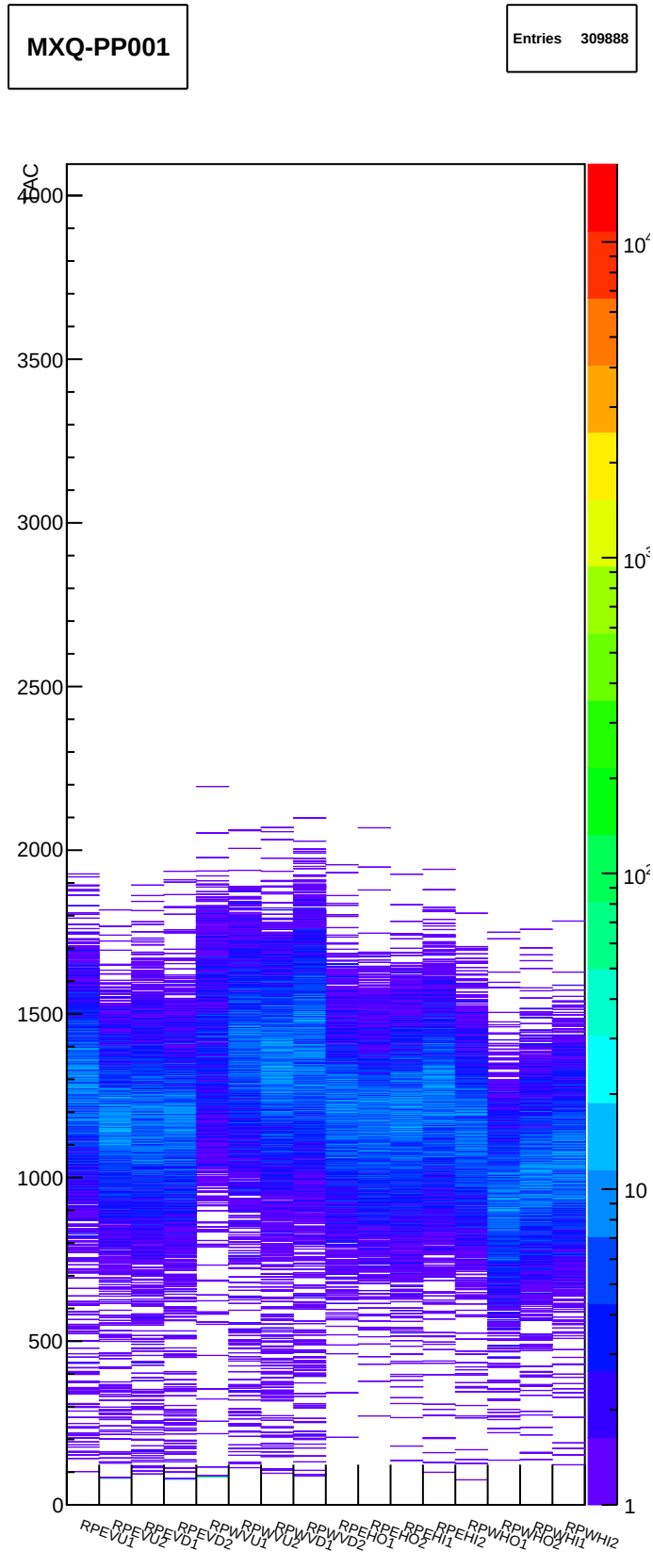

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 38736
TAC sum
1st-Best
2nd-Best
ID

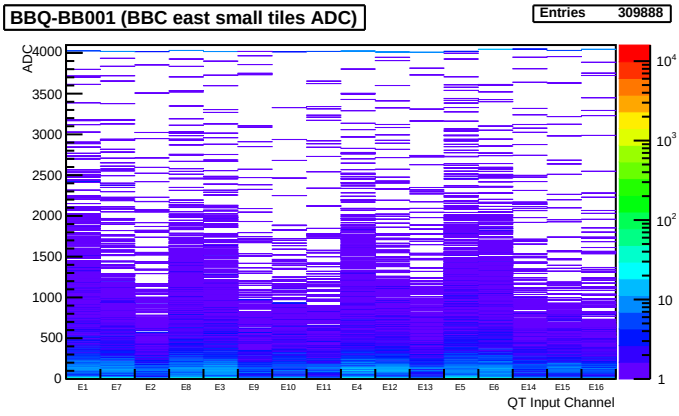

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 38736
TAC sum
1st-Best
2nd-Best
ID

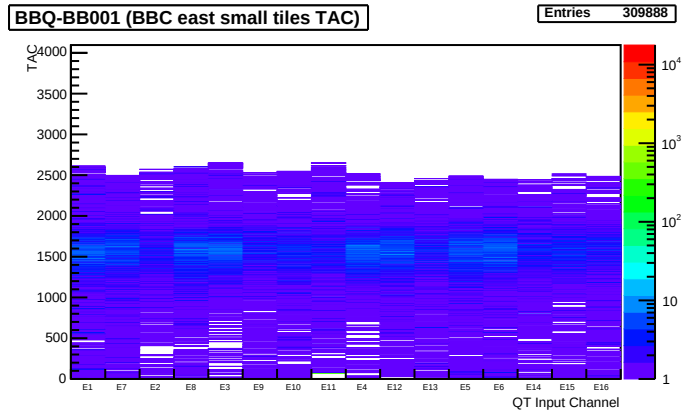

MIX-MT102 Input: VP003 Max TAC
Entries 19368

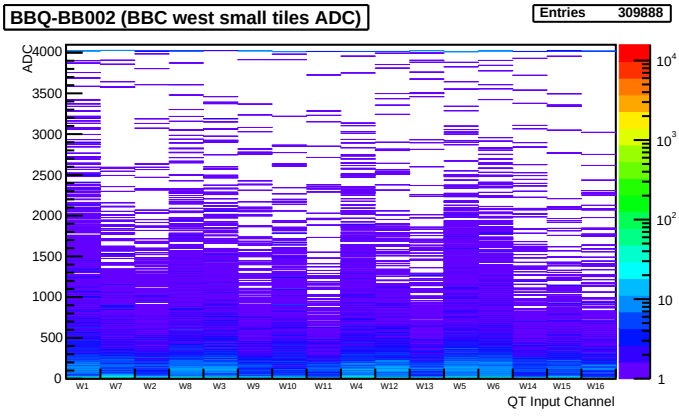

MIX-MT102 Input: VP004 Max TAC
Entries 19368

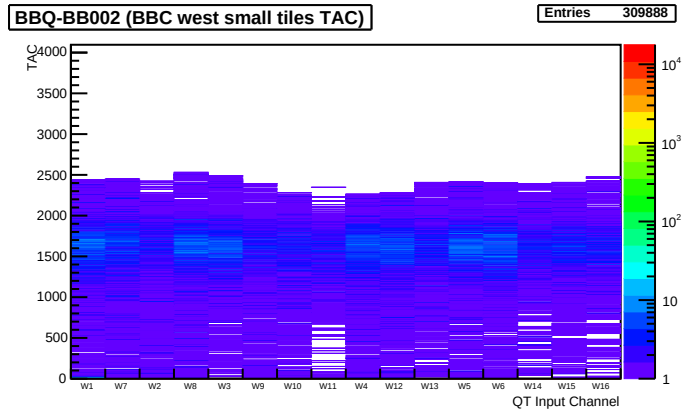

MXQ-PP001
Entries 309888
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

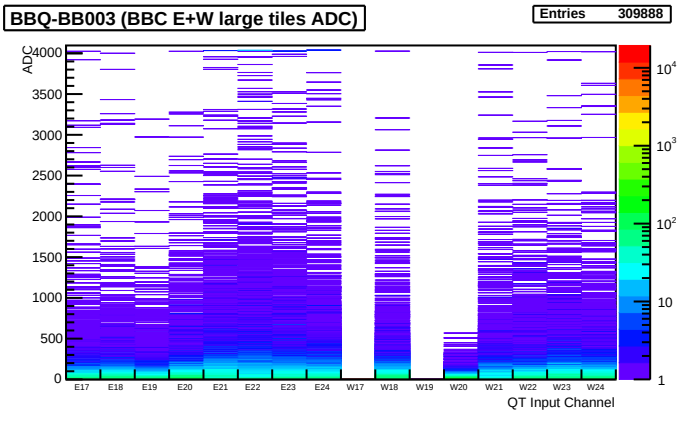

MXQ-PP001
Entries 309888
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

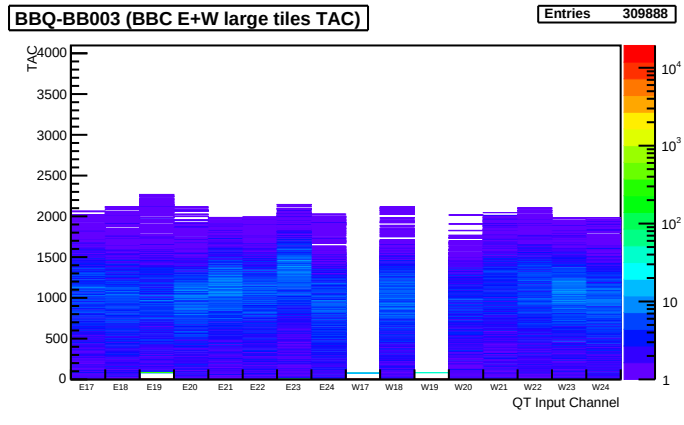

BBQ-BB001 (BBC east small tiles ADC)
Entries 309888
ADC
QT Input Channel

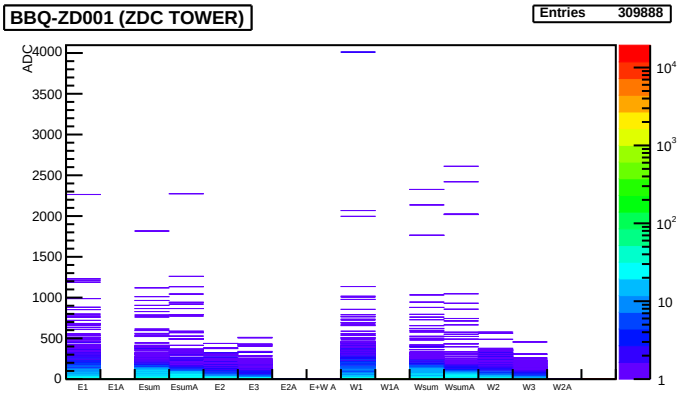

BBQ-BB001 (BBC east small tiles TAC)
Entries 309888
TAC
QT Input Channel

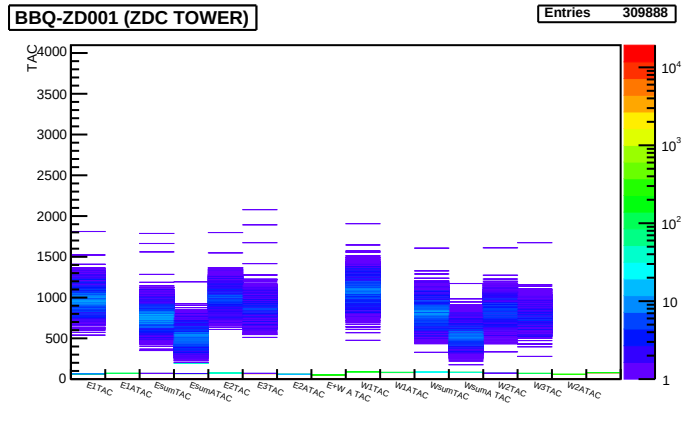

BBQ-BB002 (BBC west small tiles ADC)
Entries 309888
ADC
QT Input Channel

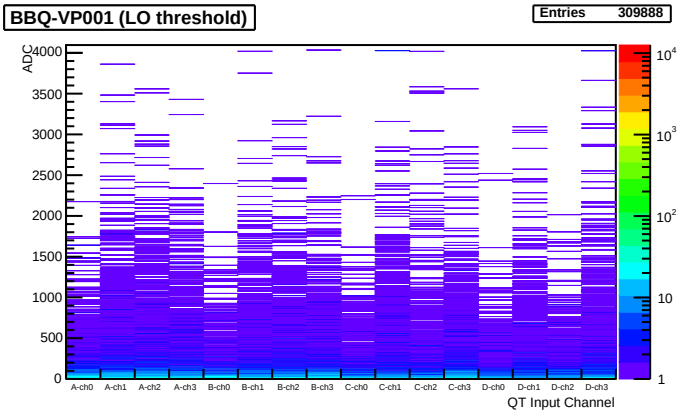

BBQ-BB002 (BBC west small tiles TAC)
Entries 309888
TAC
QT Input Channel

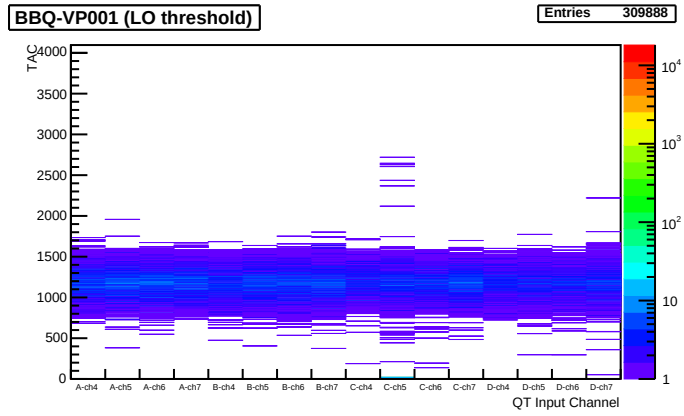

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 309888
ADC
QT Input Channel

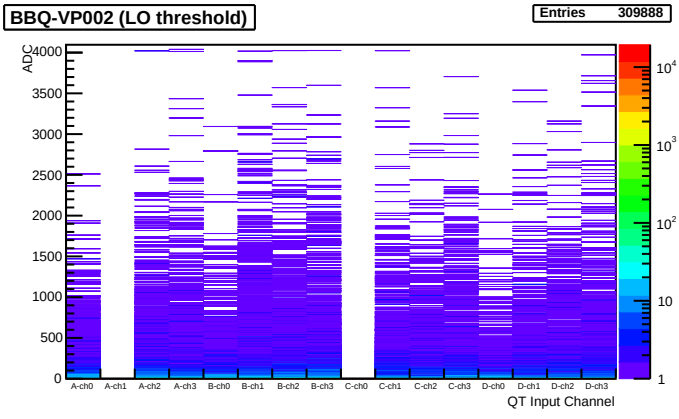

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 309888
TAC
QT Input Channel

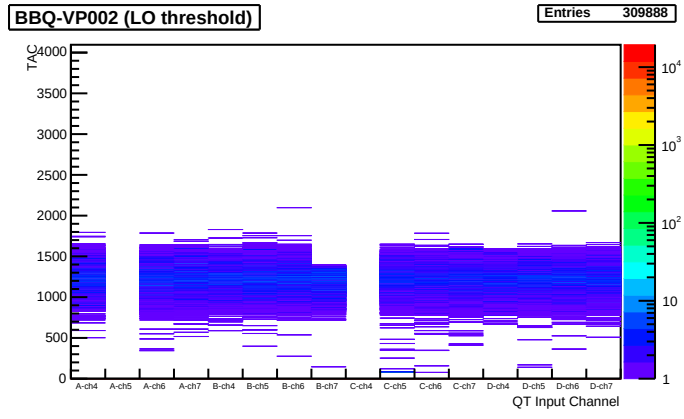

BBQ-ZD001 (ZDC TOWER)
Entries 309888
ADC

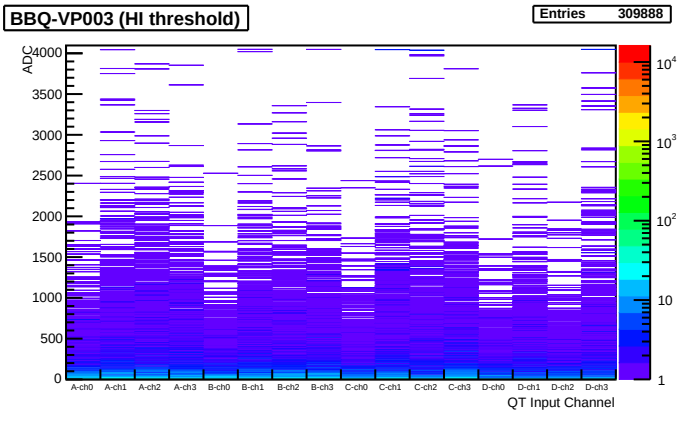

BBQ-ZD001 (ZDC TOWER)
Entries 309888
TAC

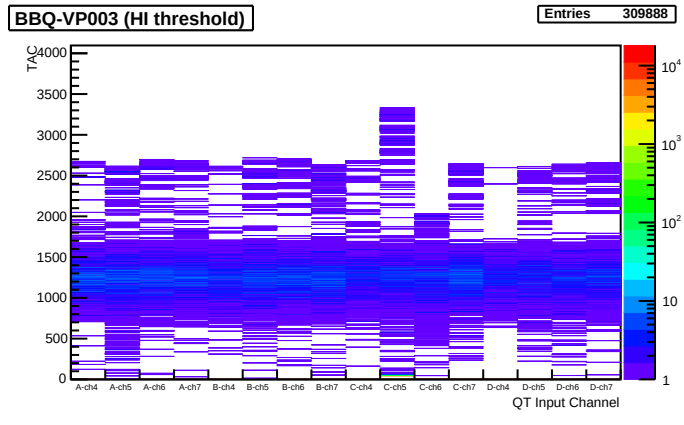

BBQ-VP001 (LO threshold)
Entries 309888
ADC
QT Input Channel

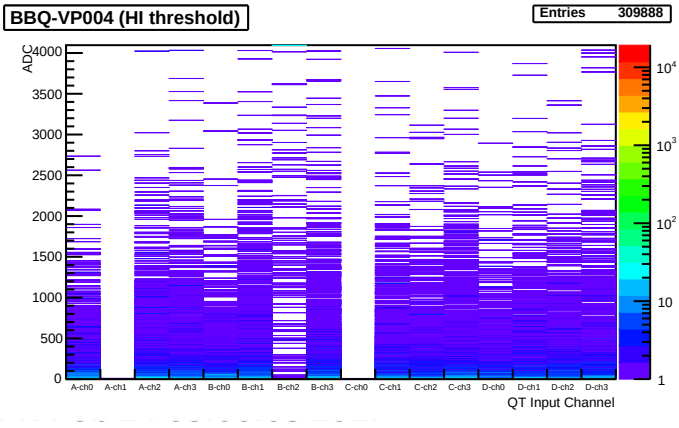

BBQ-VP001 (LO threshold)
Entries 309888
TAC
QT Input Channel

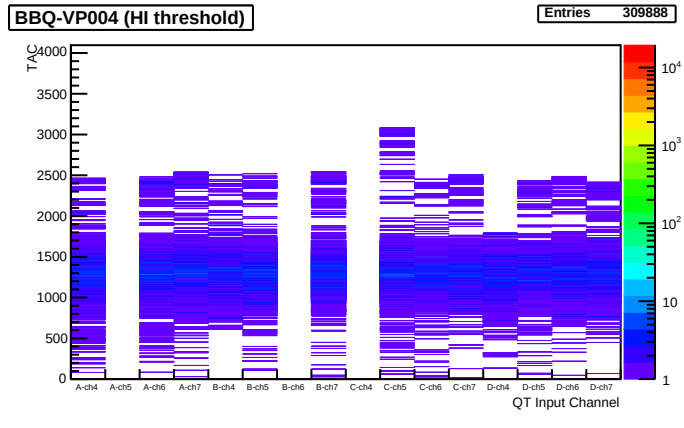

BBQ-VP002 (LO threshold)
Entries 309888
ADC
QT Input Channel

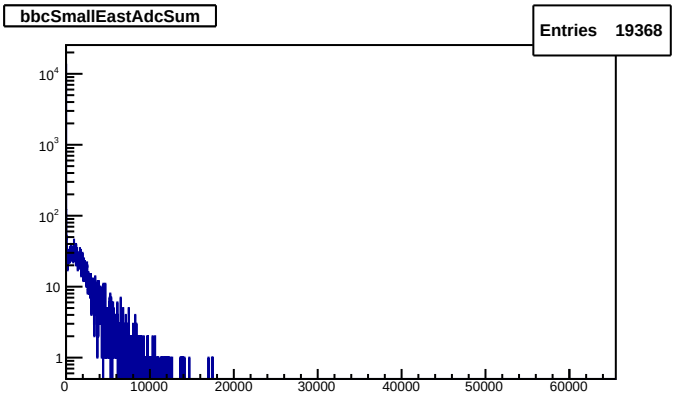

BBQ-VP002 (LO threshold)
Entries 309888
TAC
QT Input Channel

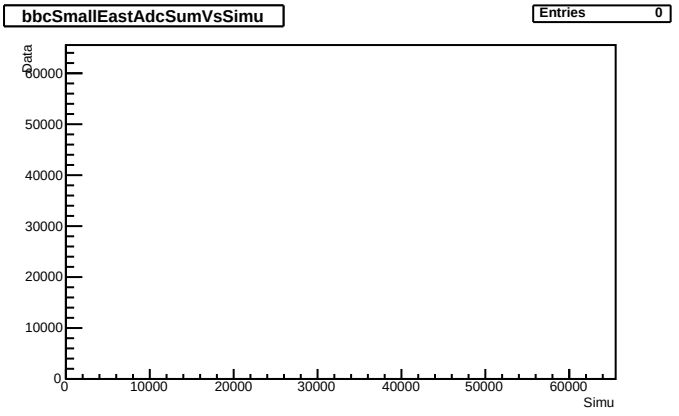

BBQ-VP003 (HI threshold)
Entries 309888
ADC
QT Input Channel

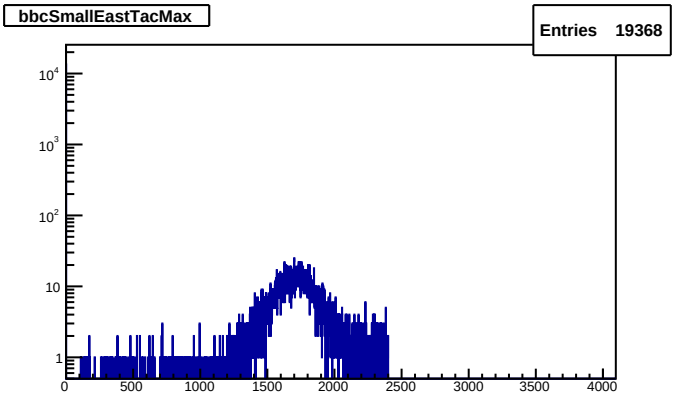

BBQ-VP003 (HI threshold)
Entries 309888
TAC
QT Input Channel

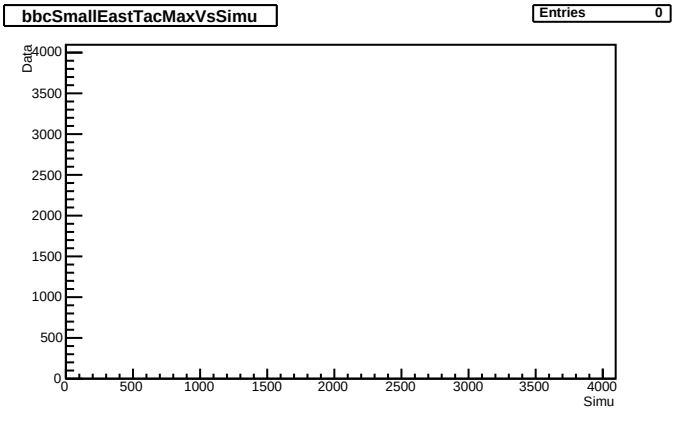

BBQ-VP004 (HI threshold)
Entries 309888
ADC
QT Input Channel

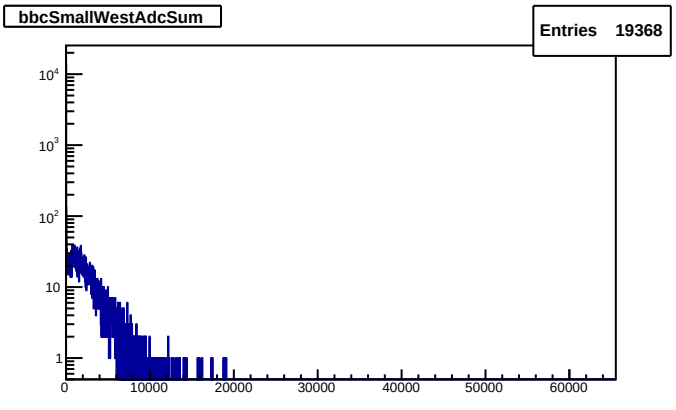

BBQ-VP004 (HI threshold)
Entries 309888
TAC
QT Input Channel

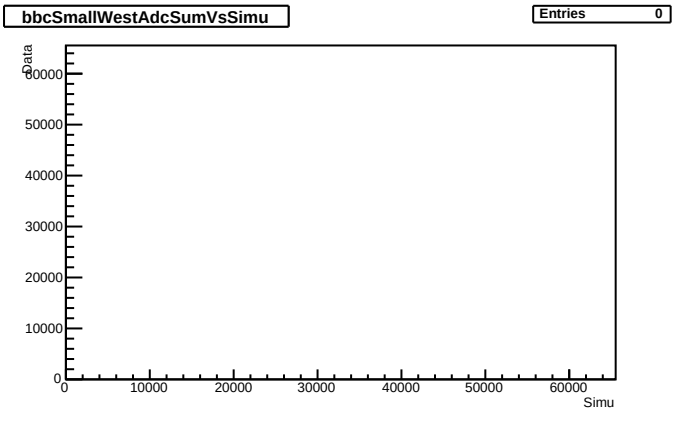

bbcSmallEastAdcSum
Entries 19368

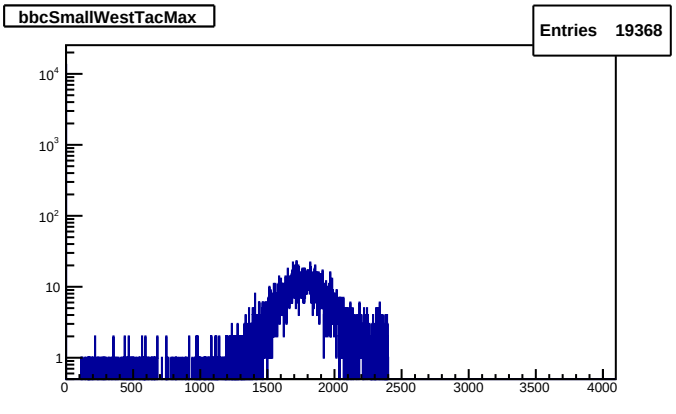

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

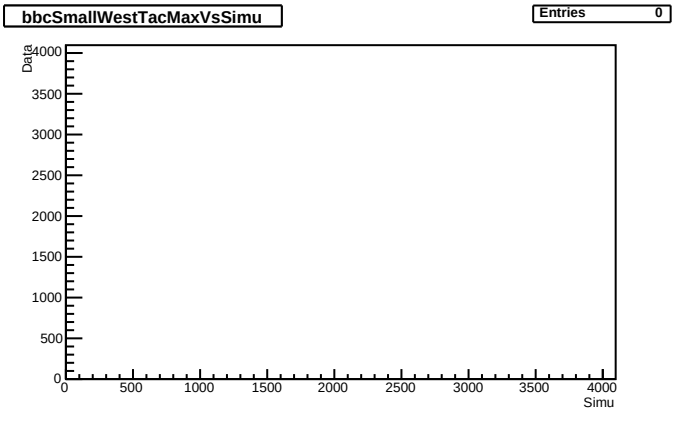

bbcSmallEastTacMax
Entries 19368

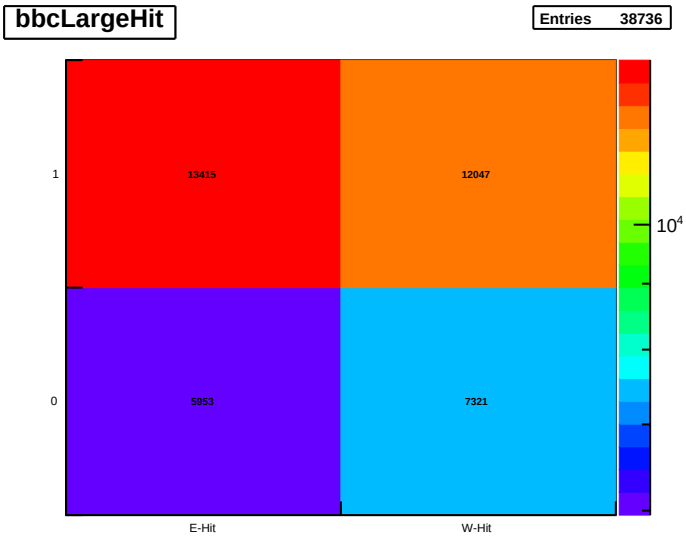

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

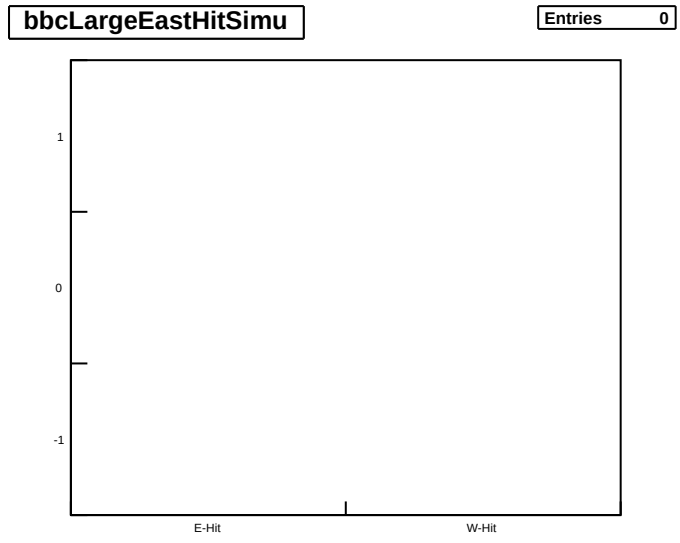

bbcSmallWestAdcSum
Entries 19368

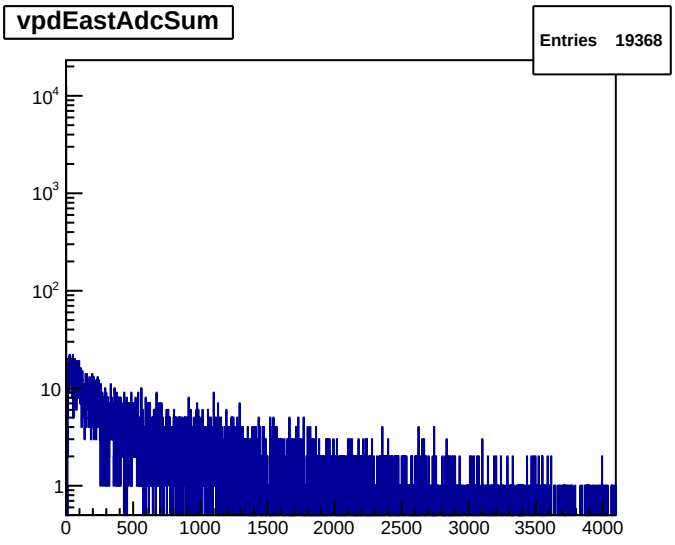

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

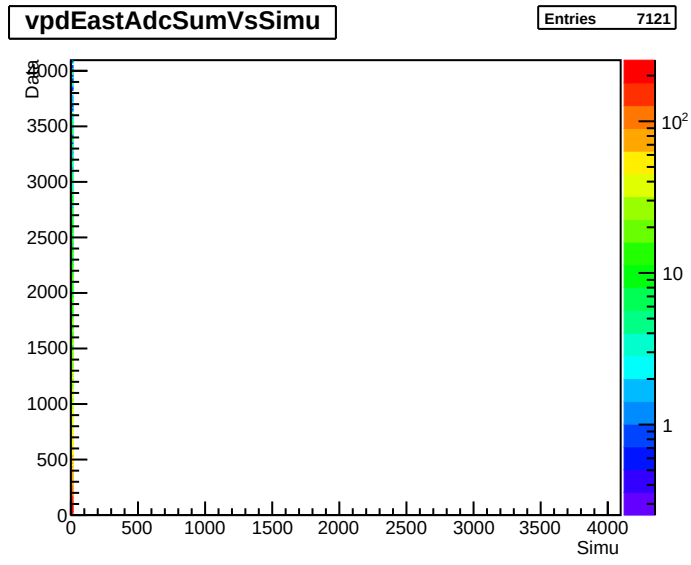

bbcSmallWestTacMax
Entries 19368

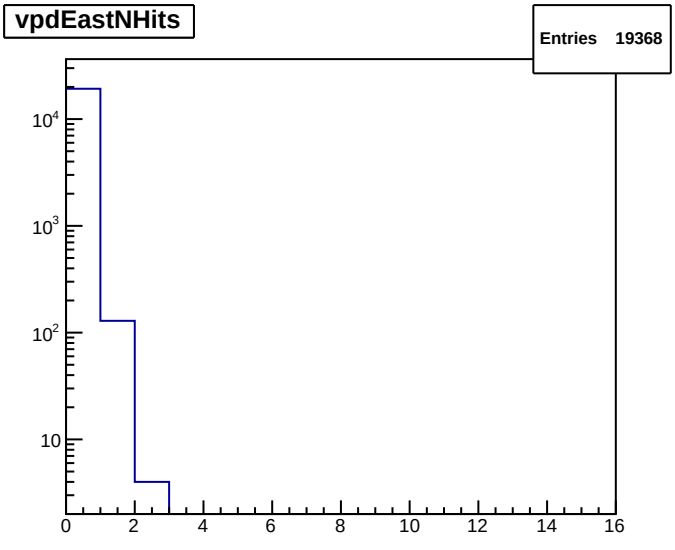

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

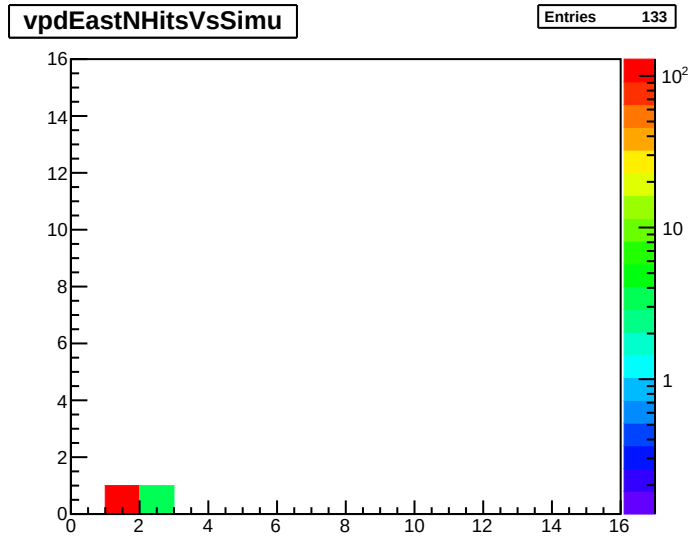

bbcLargeHit
Entries 38736
13415
12047
5953
7321
1
0
E-Hit
W-Hit
10^4

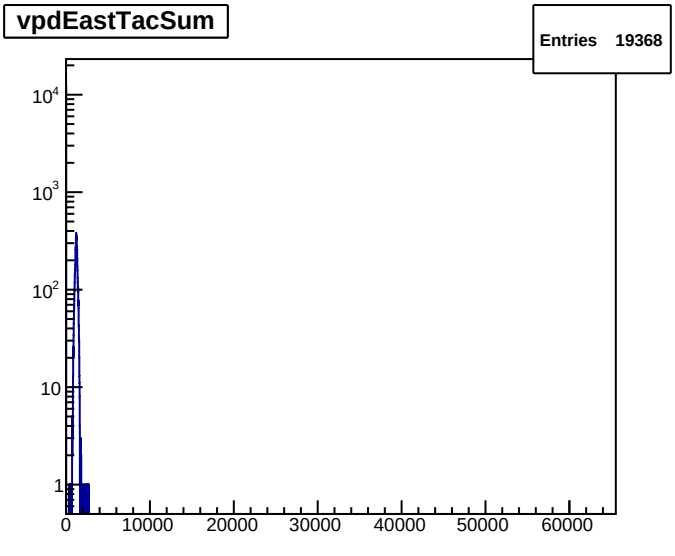

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

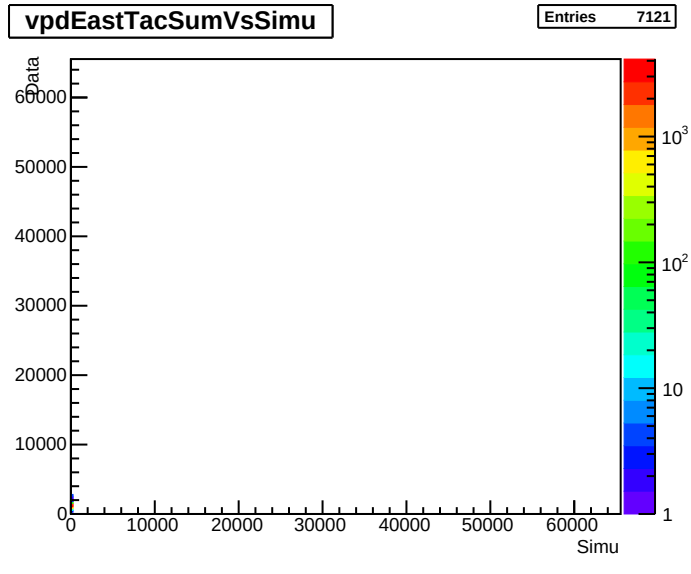

vpdEastAdcSum
Entries 19368

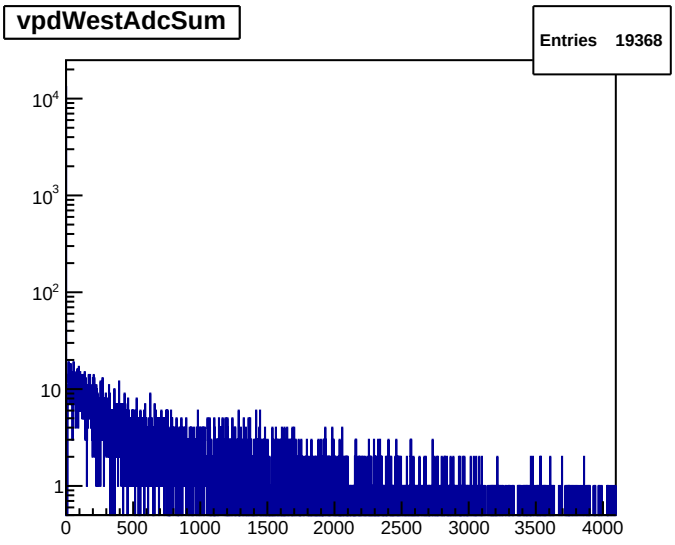

vpdEastAdcSumVsSimu
Entries 7121
Data
Simu

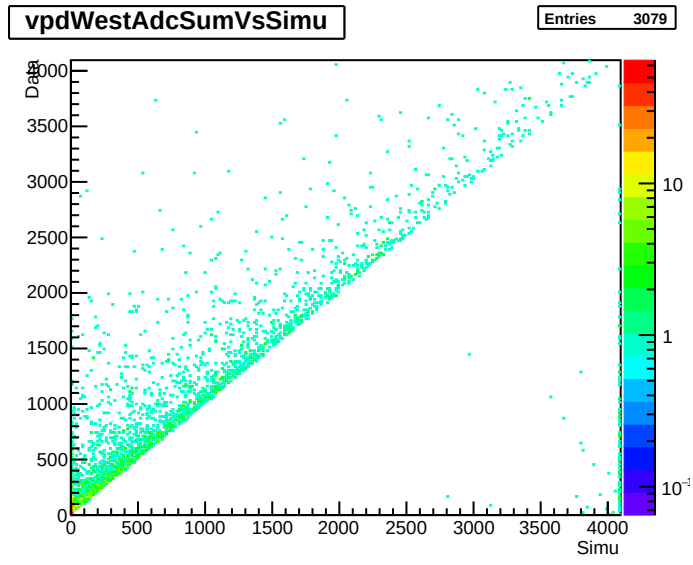

vpdEastNHits
Entries 19368

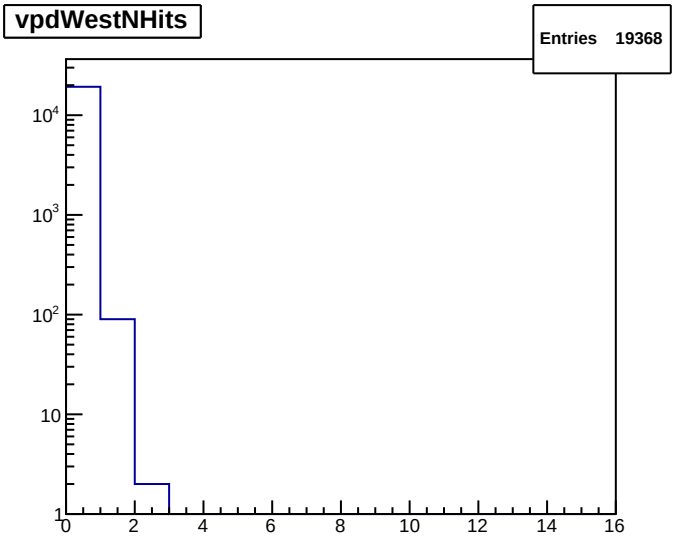

vpdEastNHitsVsSimu
Entries 133

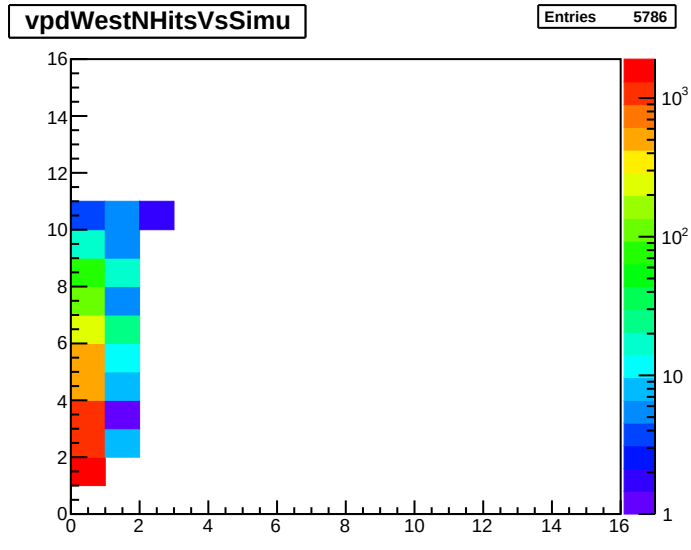

vpdEastTacSum
Entries 19368

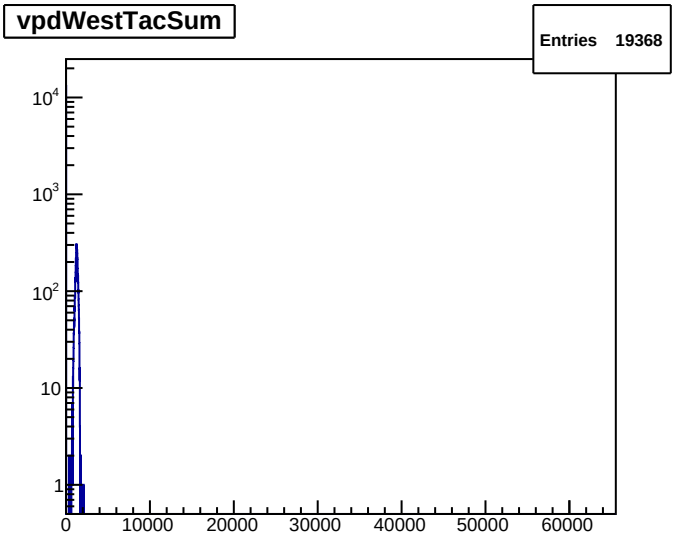

vpdEastTacSumVsSimu
Entries 7121
Data
Simu

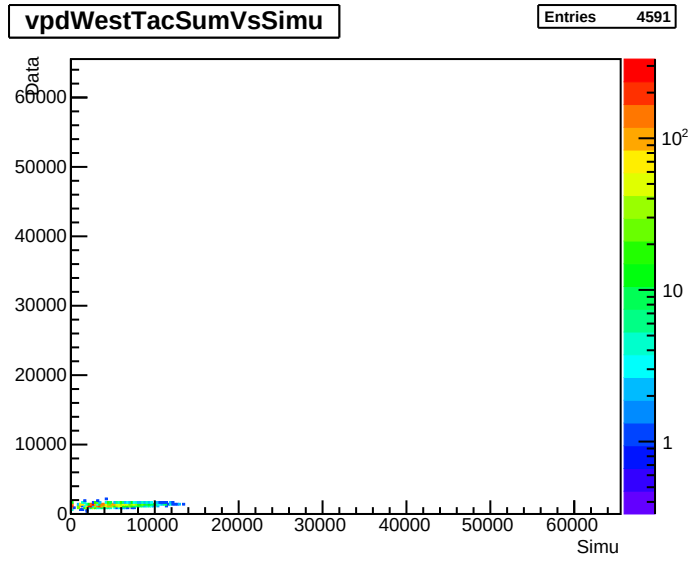

vpdWestAdcSum
Entries 19368

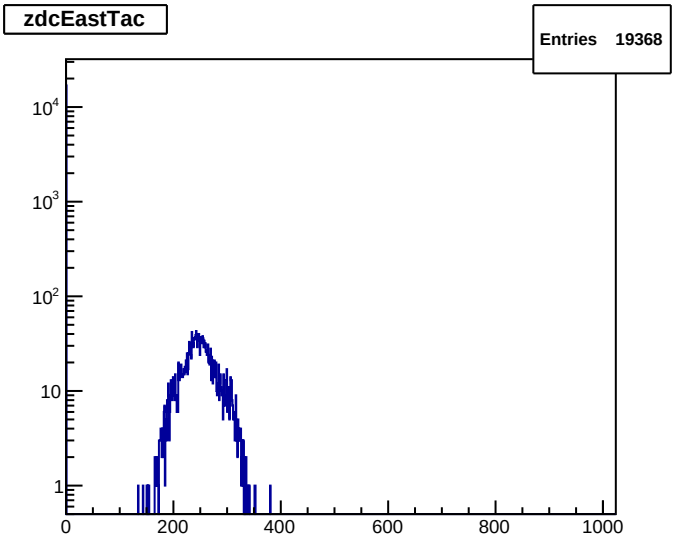

vpdWestAdcSumVsSimu
Entries 3079
Data
Simu

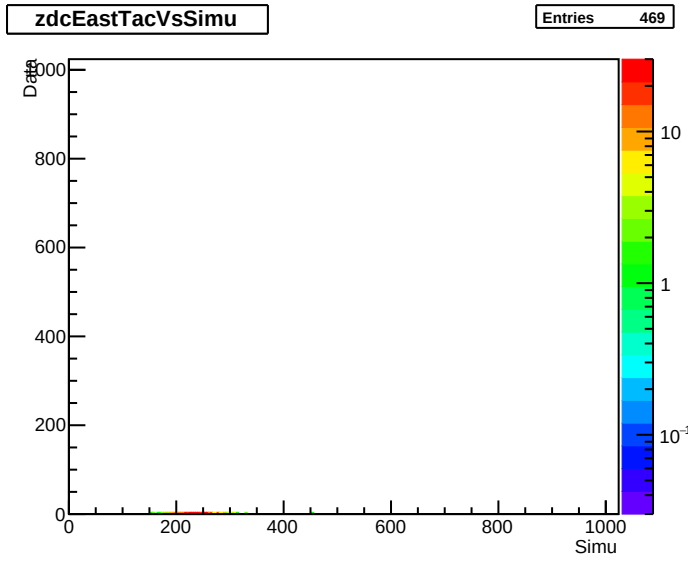

vpdWestNHits
Entries 19368

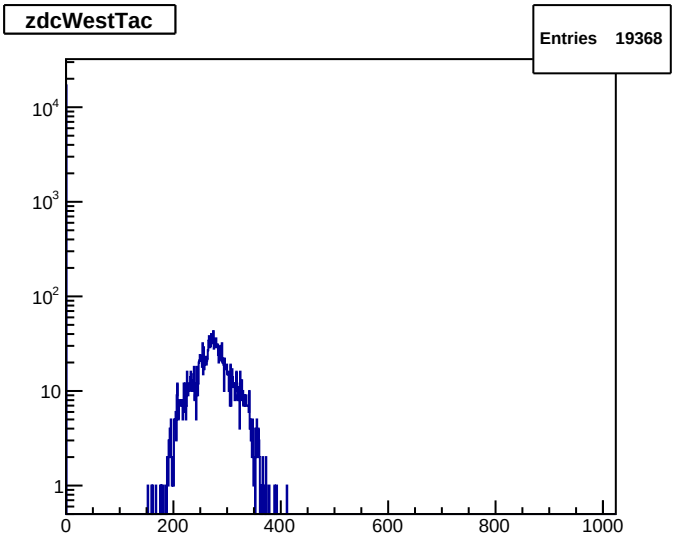

vpdWestNHitsVsSimu
Entries 5786

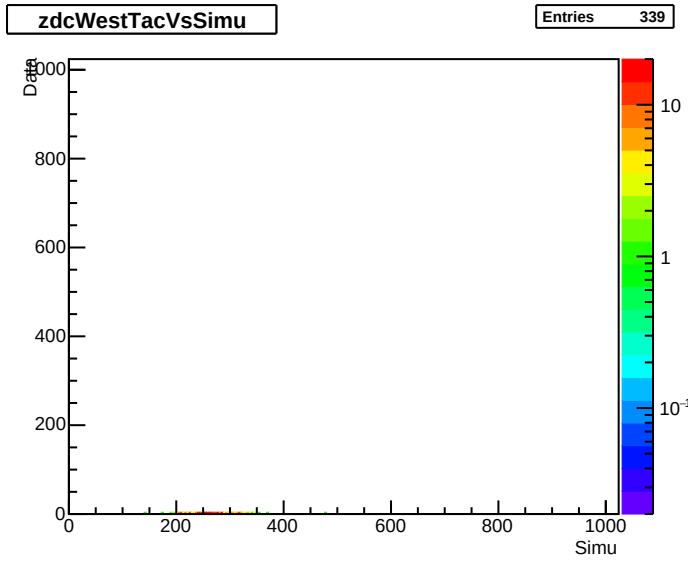

vpdWestTacSum
Entries 19368

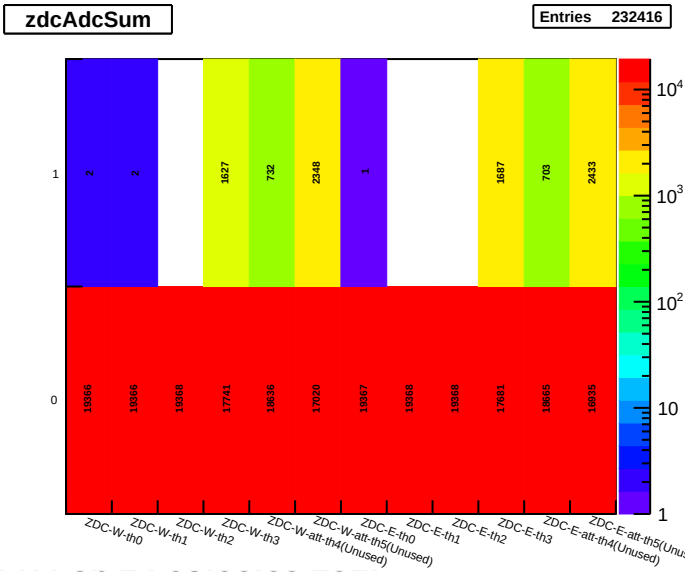

vpdWestTacSumVsSimu
Entries 4591
Data
Simu

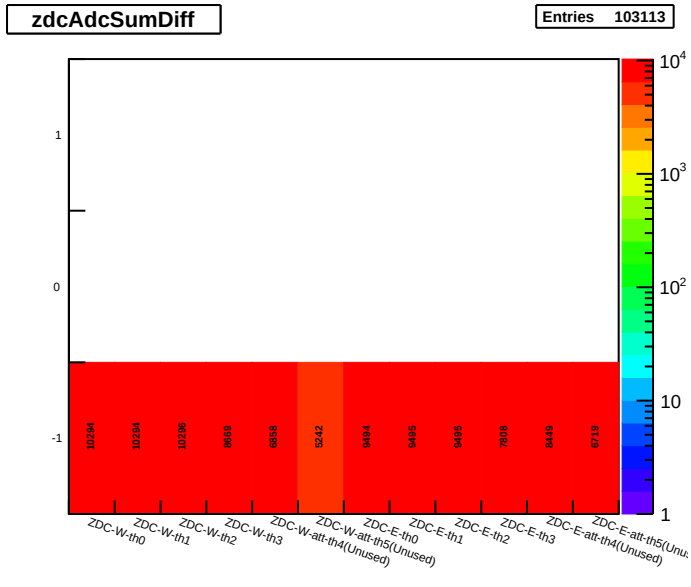

zdcEastTac
Entries 19368

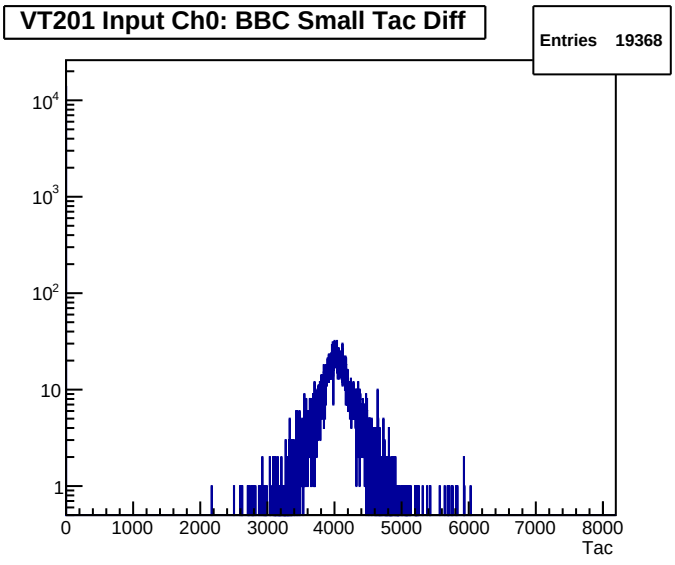

zdcEastTacVsSimu
Entries 469
Data
Simu

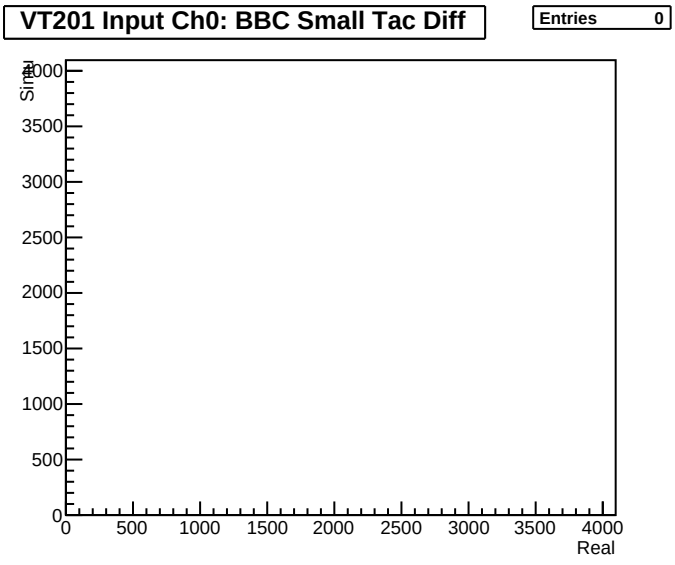

zdcWestTac
Entries 19368

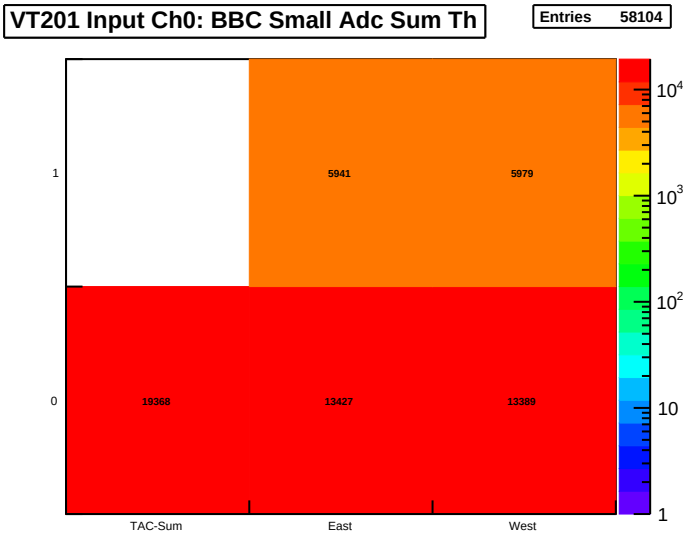

zdcWestTacVsSimu
Entries 339
Data
Simu

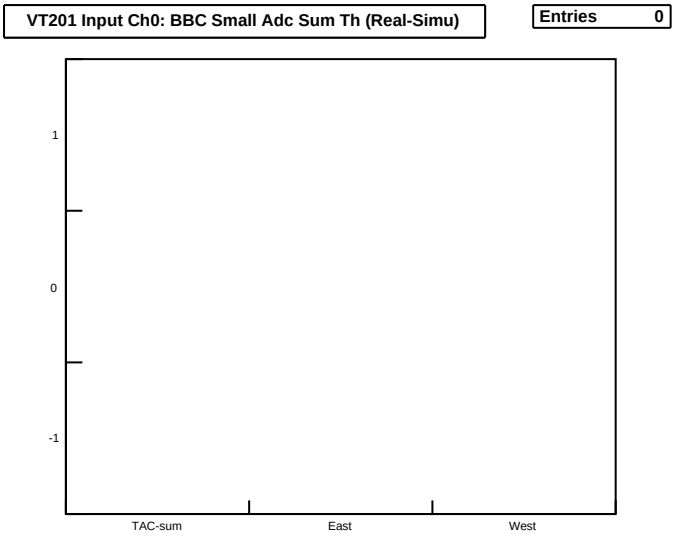

zdcAdcSum
Entries 232416
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

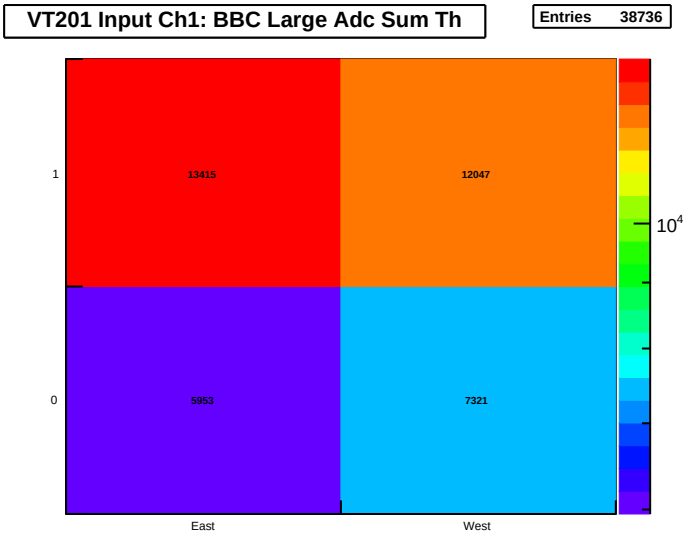

zdcAdcSumDiff
Entries 103113
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

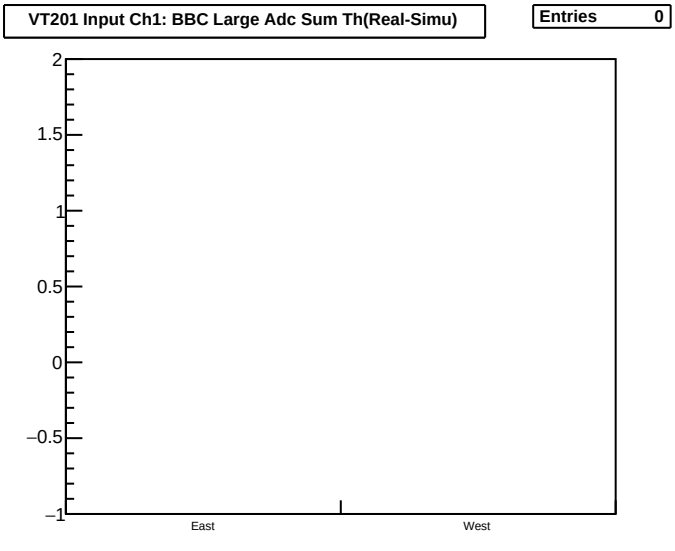

VT201 Input Ch0: BBC Small Tac Diff
Entries 19368
Tac


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

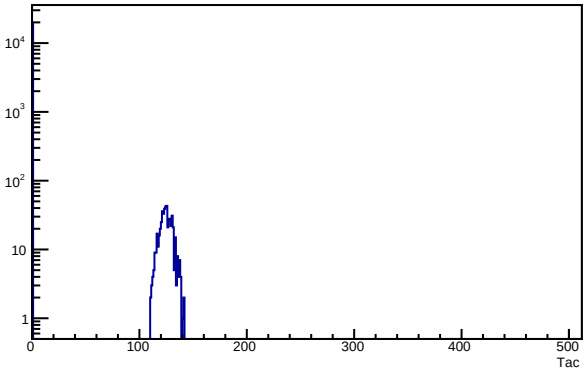

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 58104
5941
5979
19368
13427
13389
TAC-Sum
East
West


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

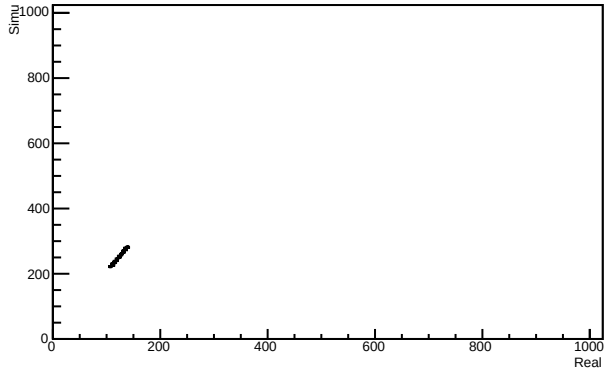

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 38736
13415
12047
5953
7321
East
West


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

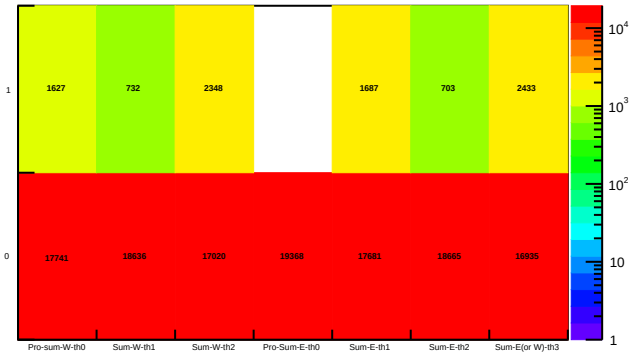
VT201 Input Ch2: ZDC Tac Diff



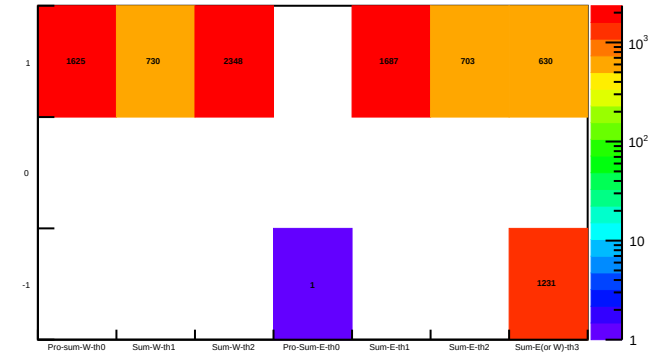
VT201 Input Ch2: ZDC Tac Diff



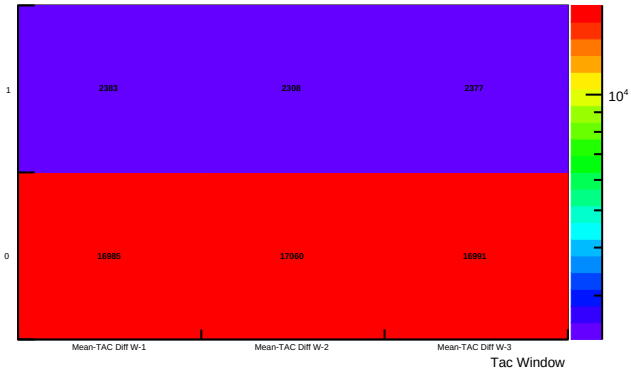
VT201 Input Ch2: ZDC Adc Sum Th



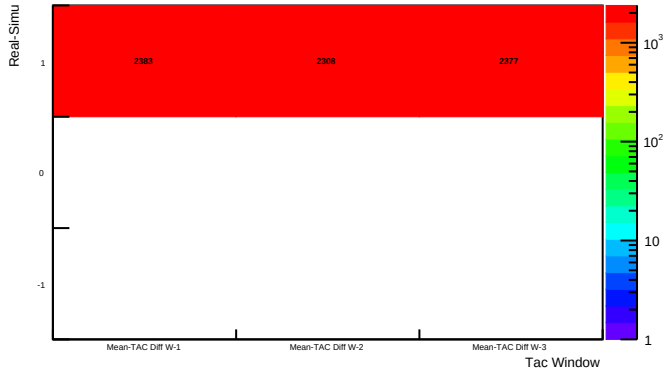
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



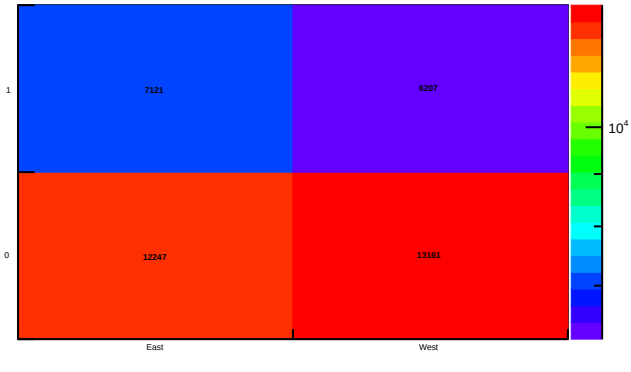
VT201 Input Ch4: VPD Tac Diff



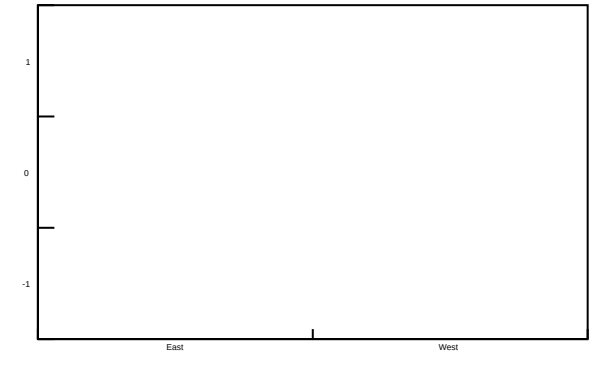
VT201 Input Ch4: VPD Tac Diff

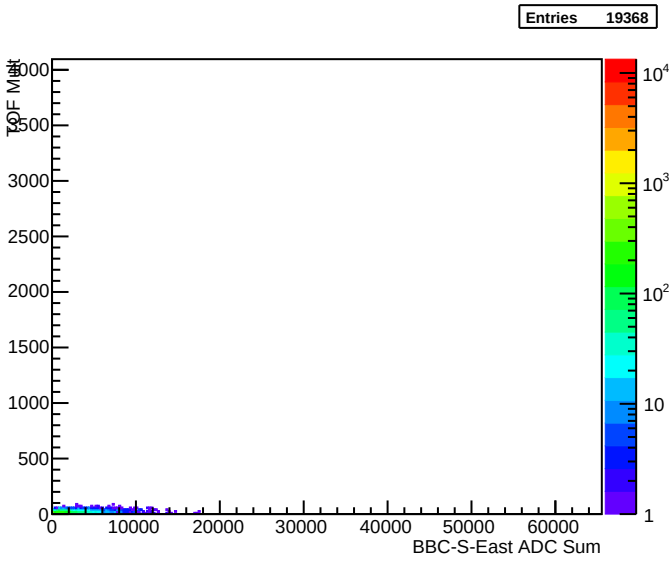


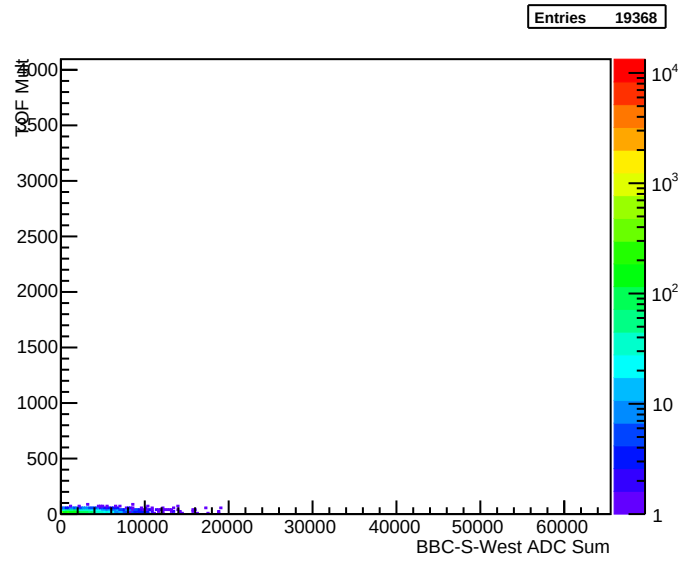
VT201 Input Ch4: VPD Adc Sum Th

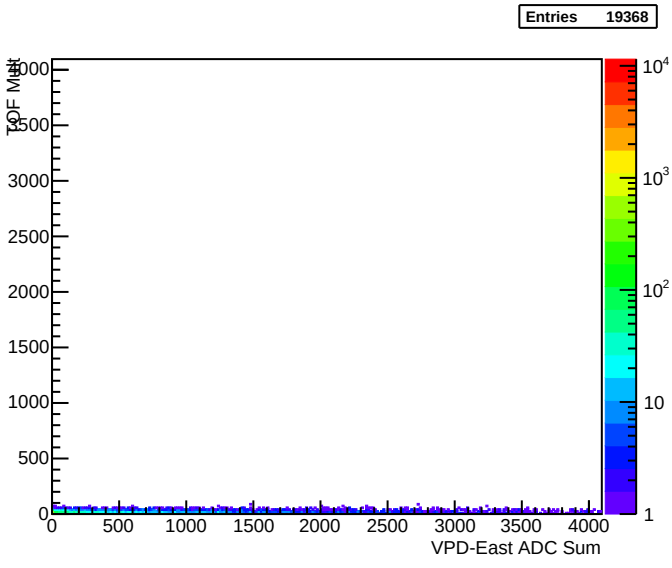


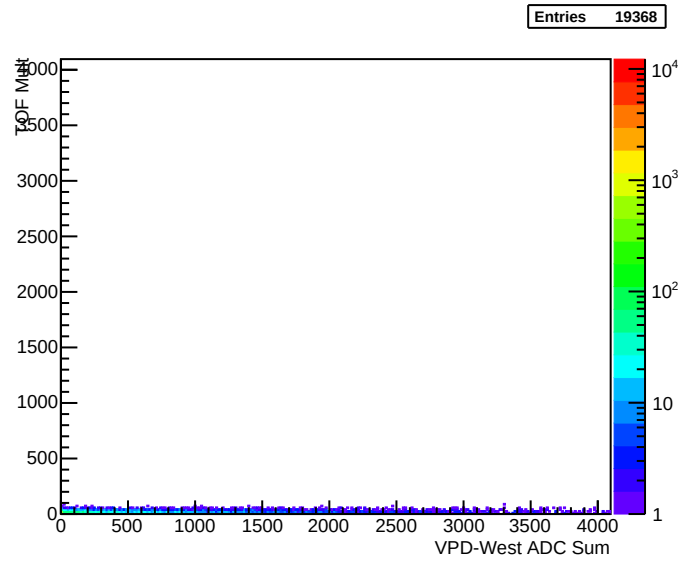
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

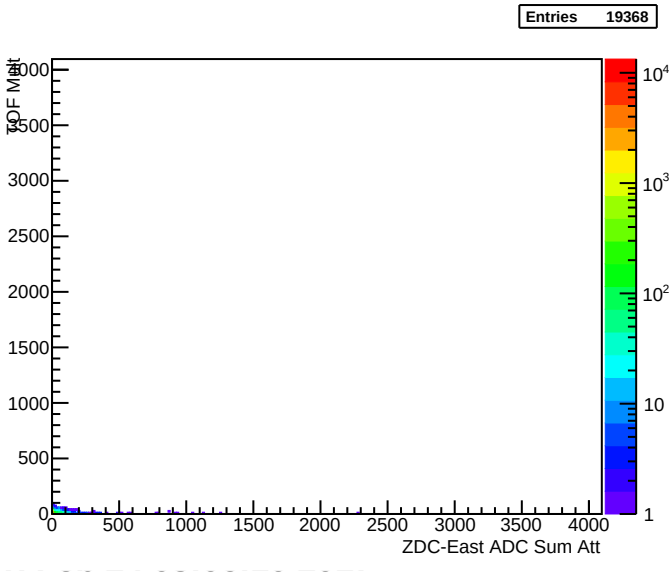


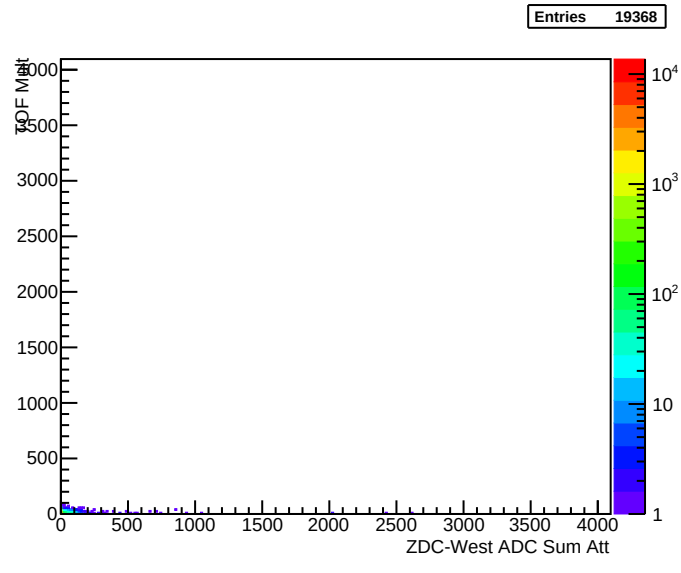

Entries 19368
TOF Mult
BBC-S-East ADC Sum

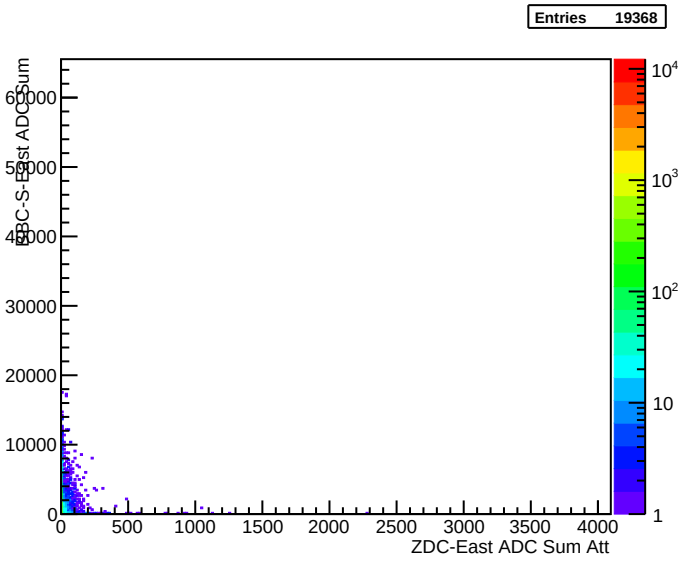

Entries 19368
TOF Mult
BBC-S-West ADC Sum

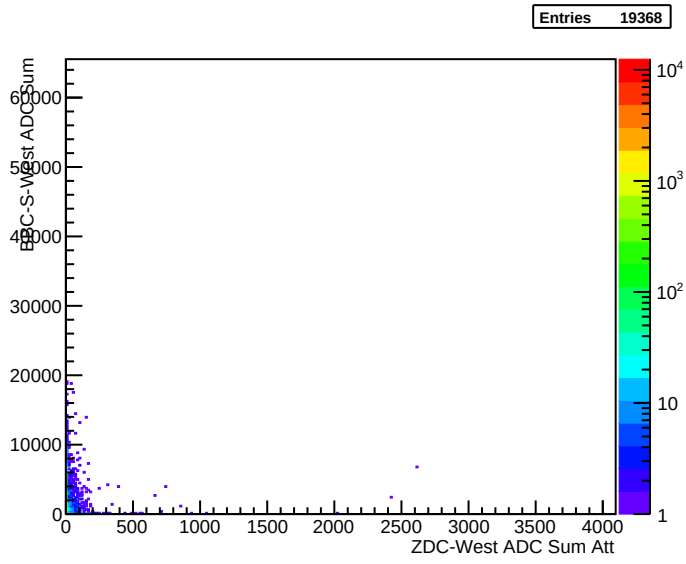

Entries 19368
TOF Mult
VPD-East ADC Sum

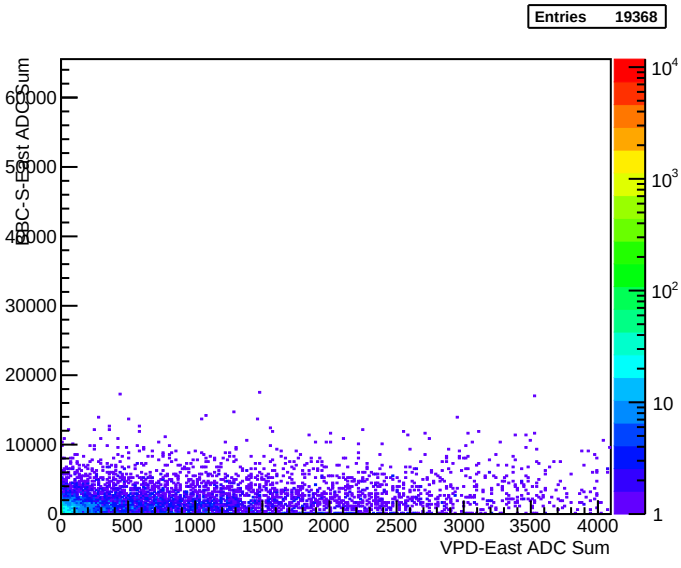

Entries 19368
TOF Mult
VPD-West ADC Sum

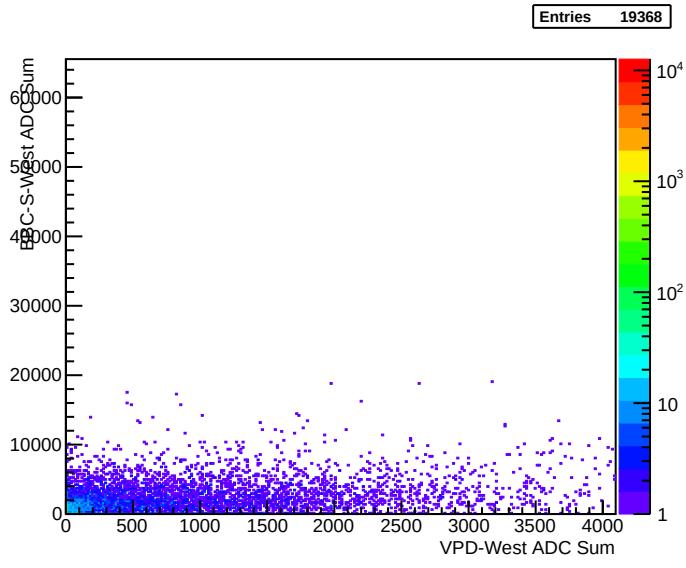

Entries 19368
TOF Mult
ZDC-East ADC Sum Att

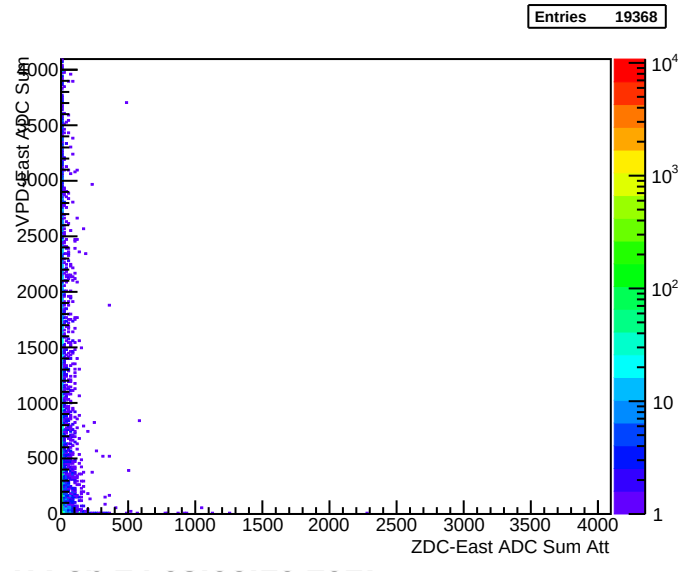

Entries 19368
TOF Mult
ZDC-West ADC Sum Att

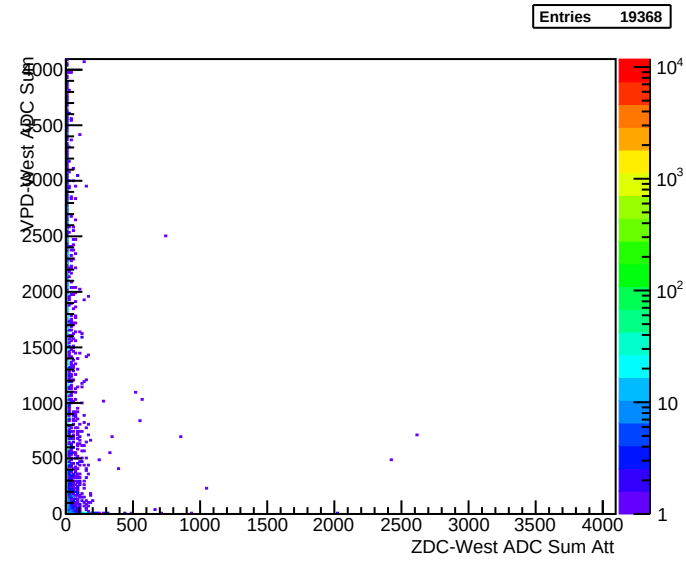

Entries 19368
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

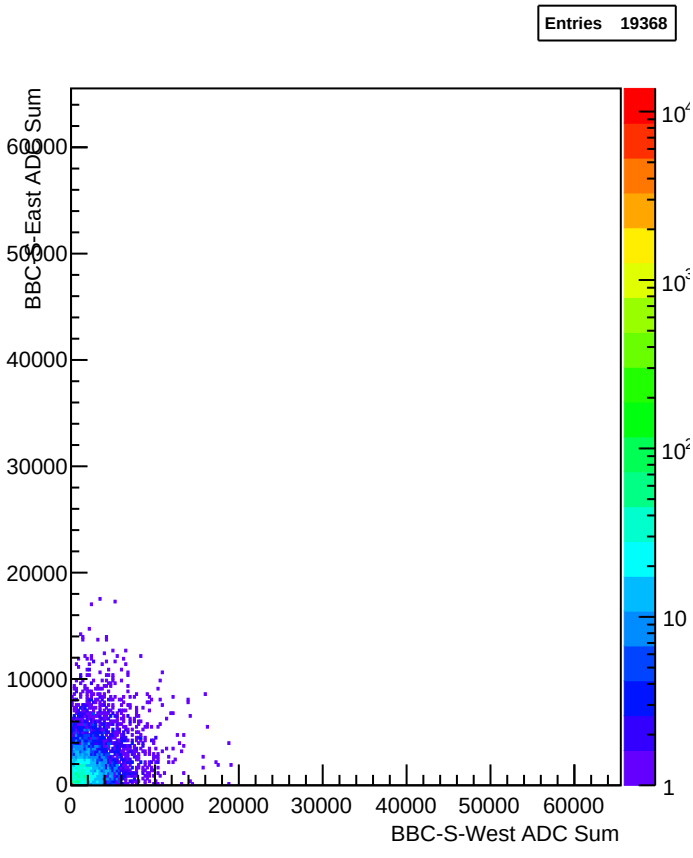

Entries 19368
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

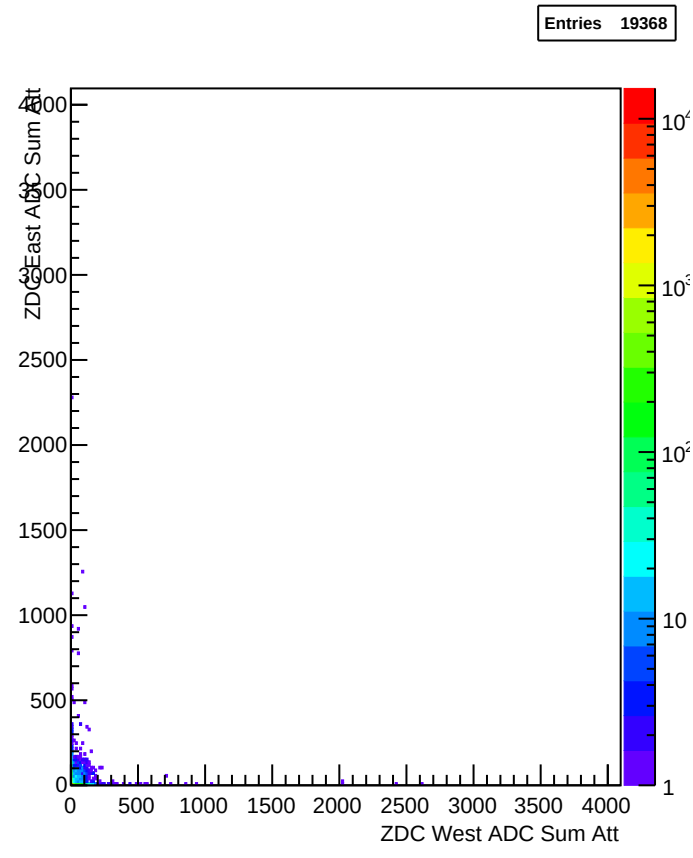

Entries 19368
BBC-S-East ADC Sum
VPD-East ADC Sum

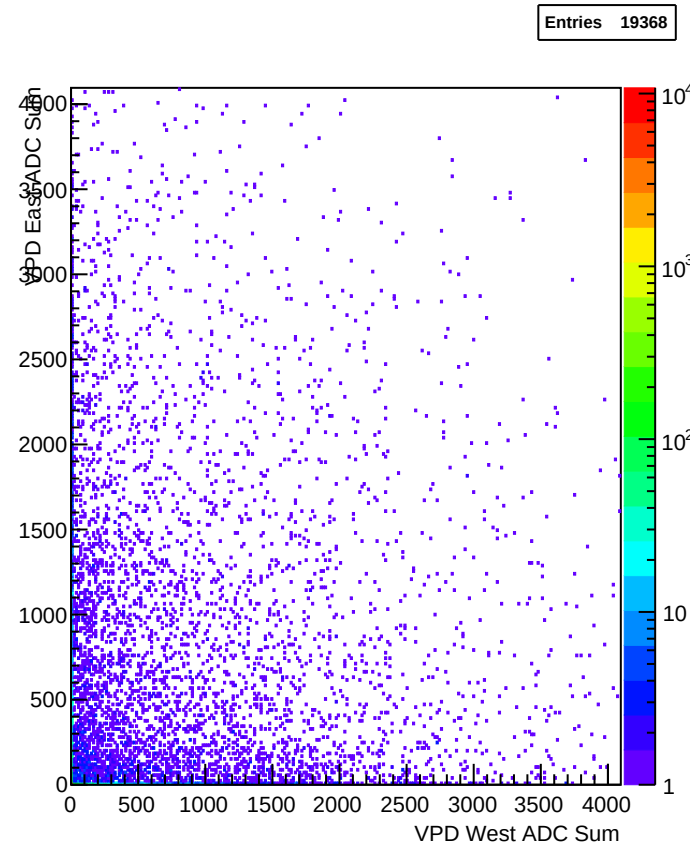

Entries 19368
BBC-S-West ADC Sum
VPD-West ADC Sum

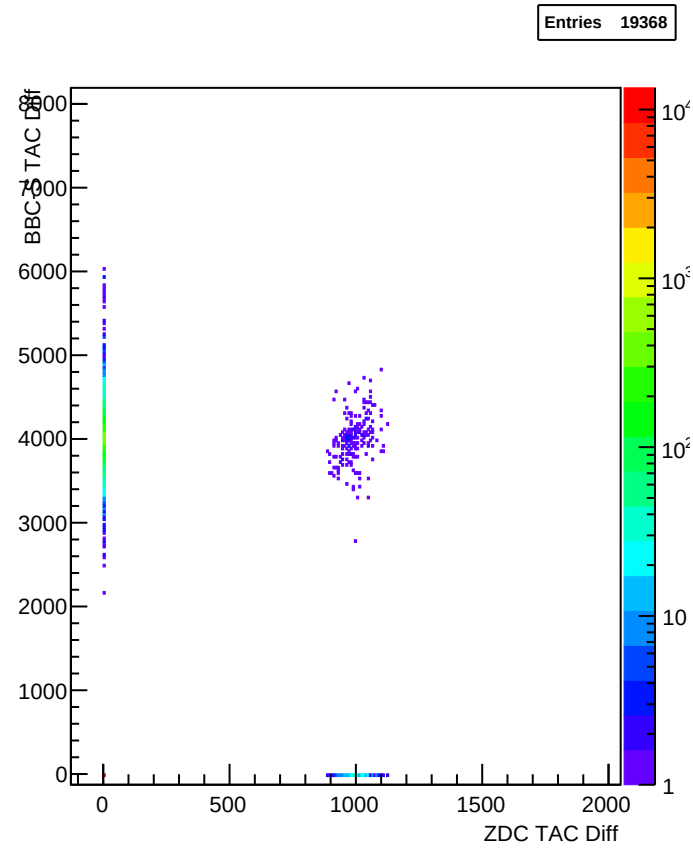

Entries 19368
VPD-East ADC Sum
ZDC-East ADC Sum Att

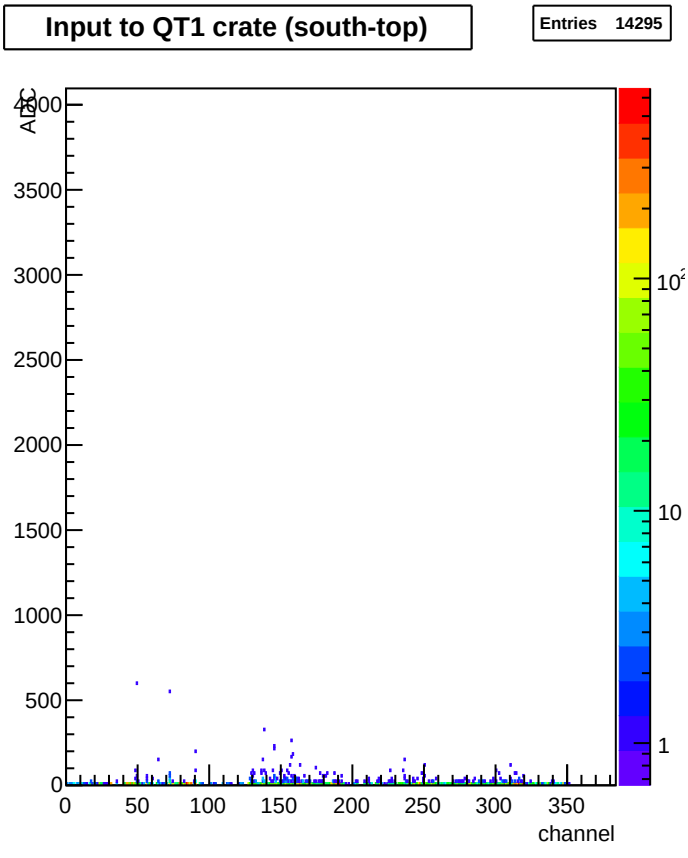

Entries 19368
VPD-West ADC Sum
ZDC-West ADC Sum Att

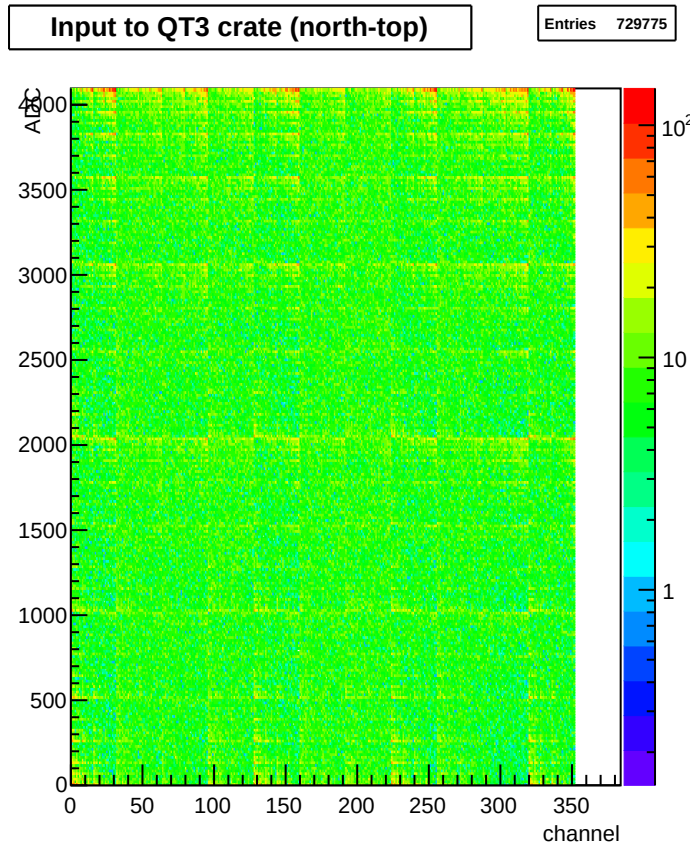

Entries 19368
BBC-S-East ADC Sum
BBC-S-West ADC Sum

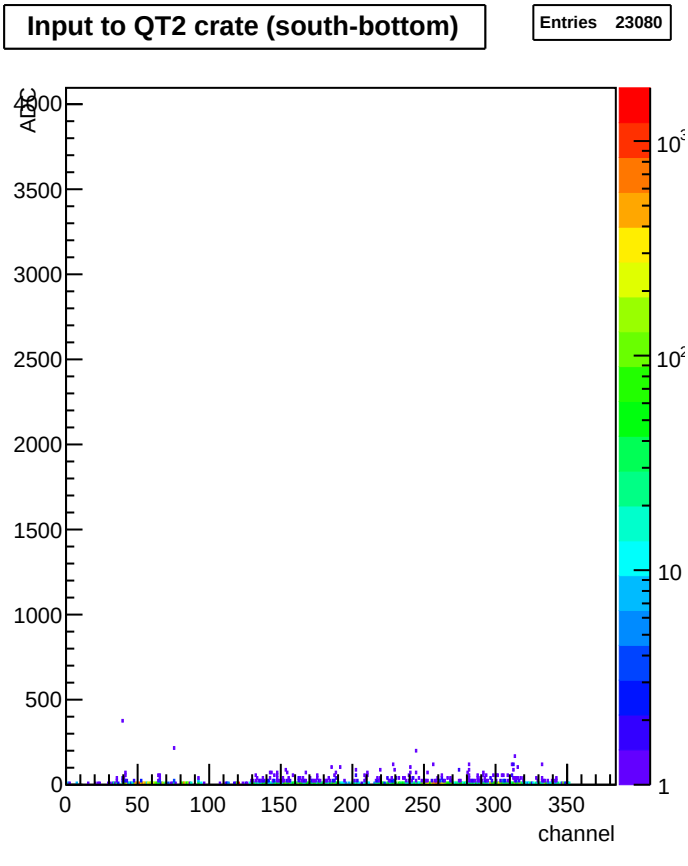

Entries 19368
ZDC East ADC Sum Att
ZDC West ADC Sum Att

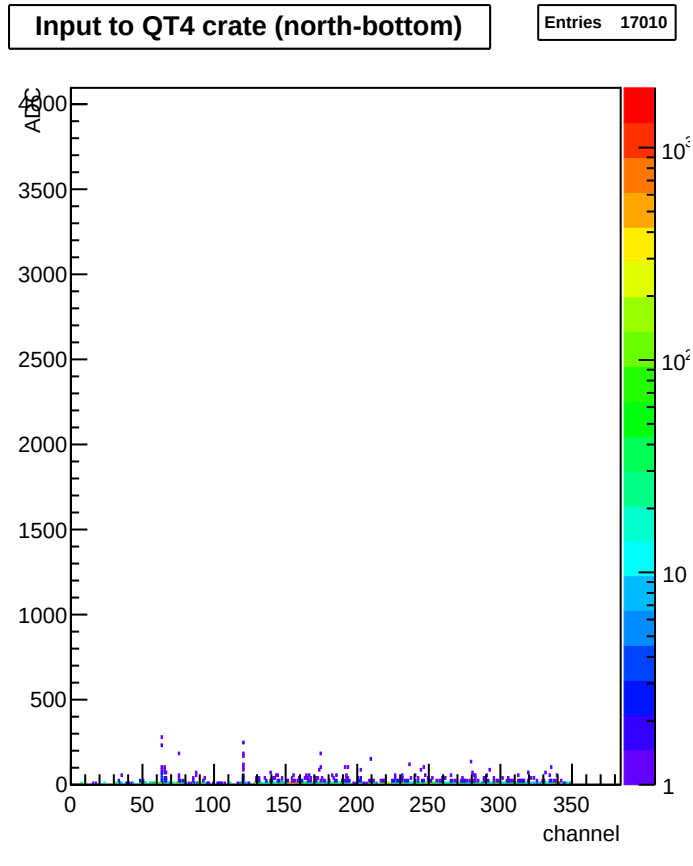

Entries 19368
VPD East ADC Sum
VPD West ADC Sum

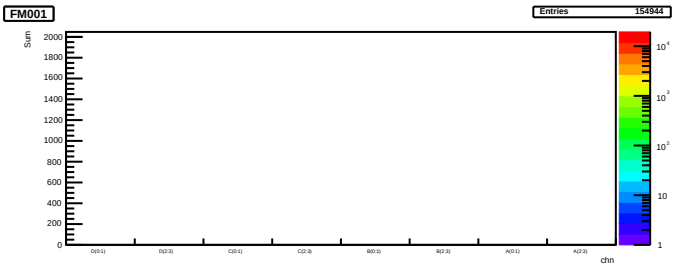

Entries 19368
BBC-S TAC Diff
ZDC TAC Diff

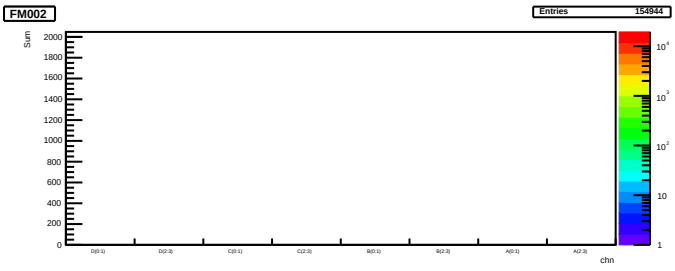

Input to QT1 crate (south-top)
Entries 14295
ADC
channel

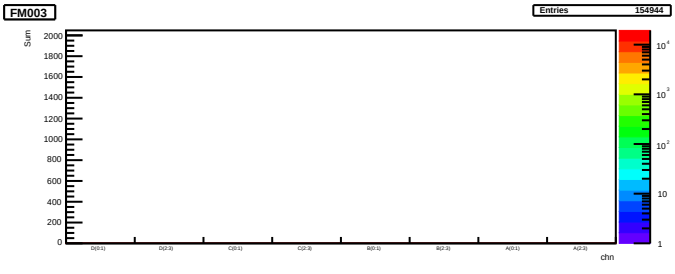

Input to QT3 crate (north-top)
Entries 729775
ADC
channel

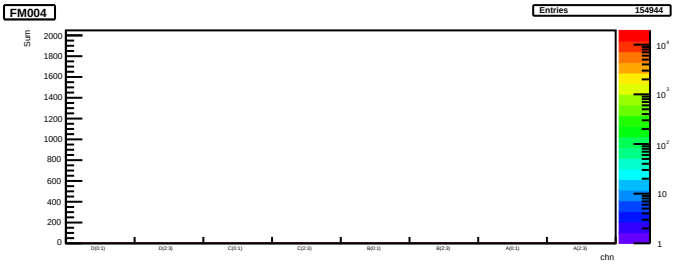

Input to QT2 crate (south-bottom)
Entries 23080
ADC
channel

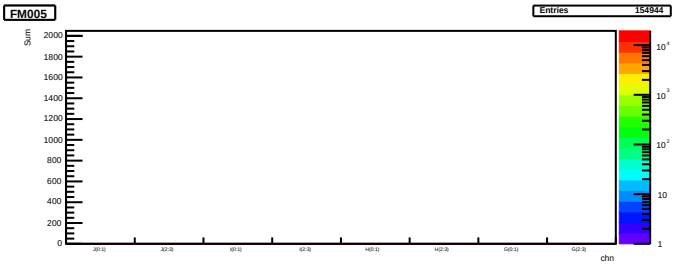

Input to QT4 crate (north-bottom)
Entries 17010
ADC
channel

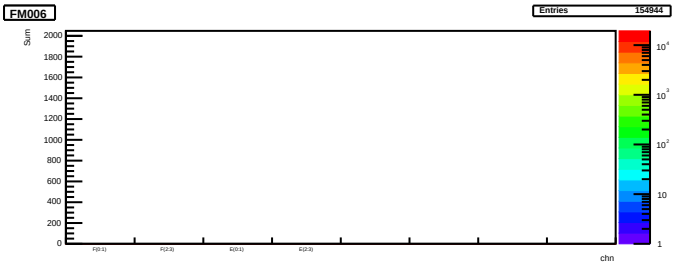

FM001
Entries 154944
Sum
chn

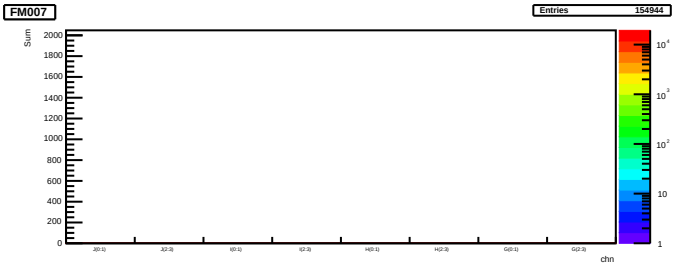

FM002
Entries 154944
Sum
chn

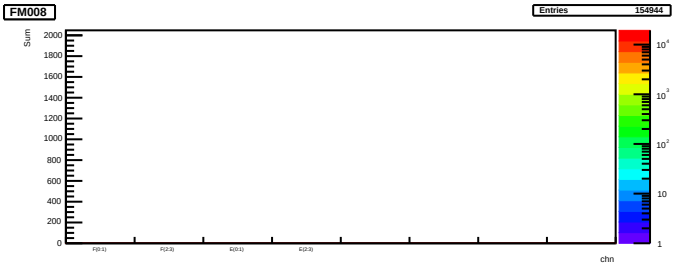

FM003
Entries 154944
Sum
chn

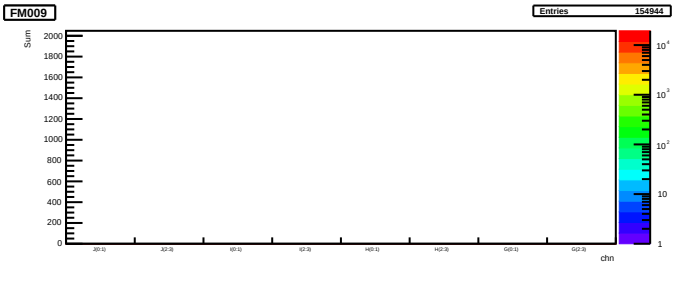

FM004
Entries 154944
Sum
chn

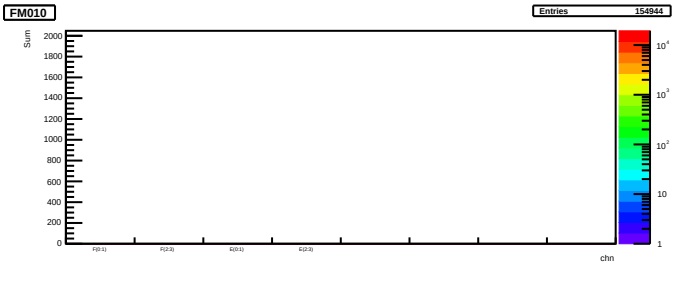

FM005
Entries 154944
Sum
chn

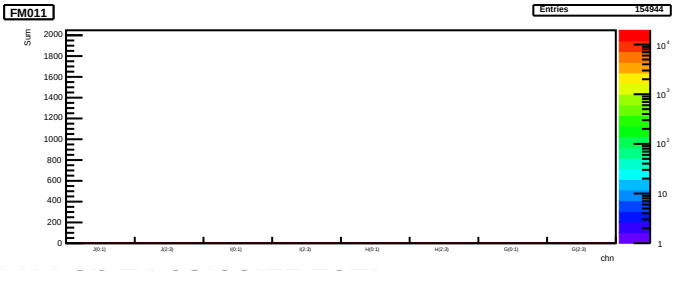

FM006
Entries 154944
Sum
chn

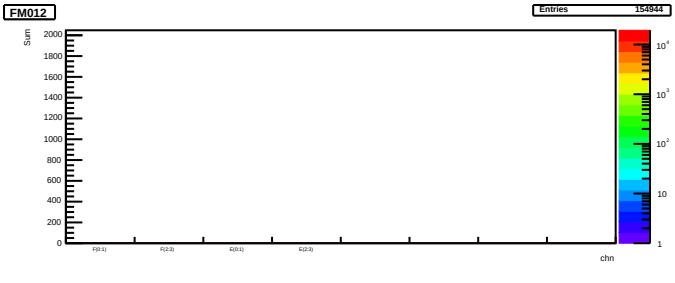

FM007
Entries 154944
Sum
chn

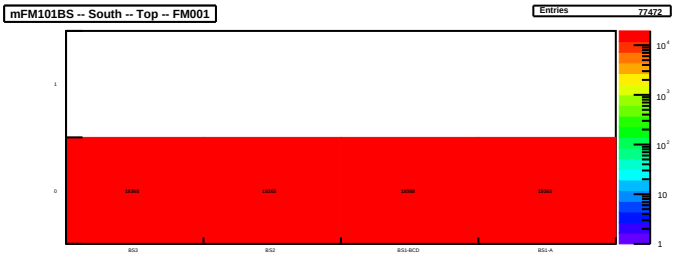

FM008
Entries 154944
Sum
chn

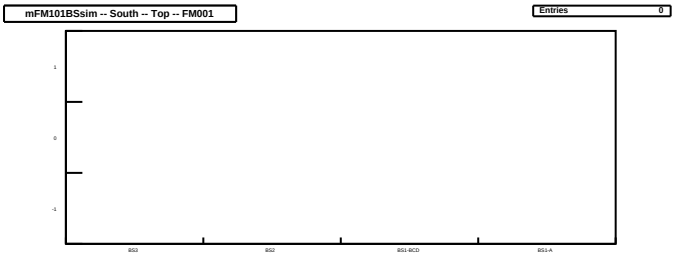

FM009
Entries 154944
Sum
chn

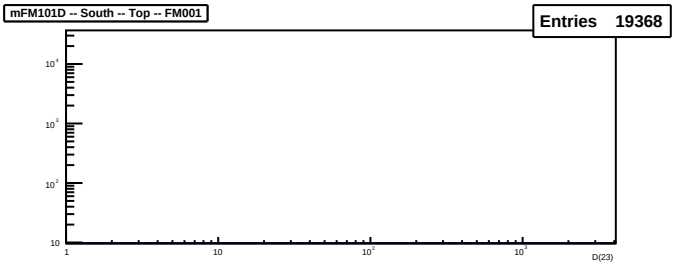

FM010
Entries 154944
Sum
chn

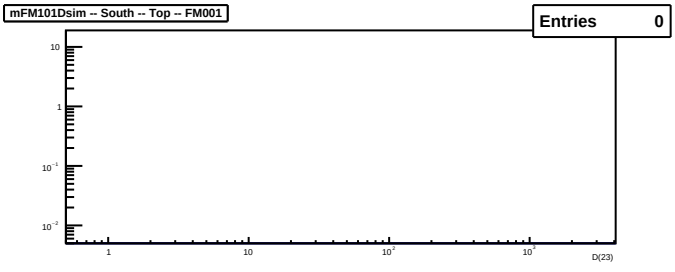

FM011
Entries 154944
Sum
chn

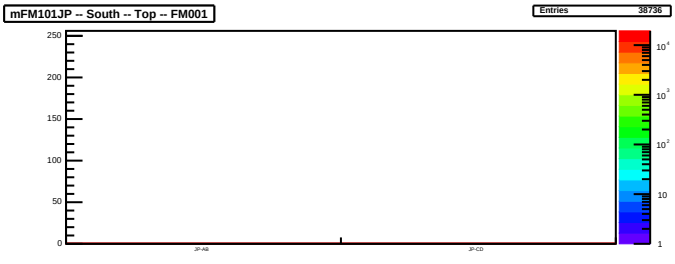

FM012
Entries 154944
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 77472
BS3
BS2
BS1-BCD
BS1-A

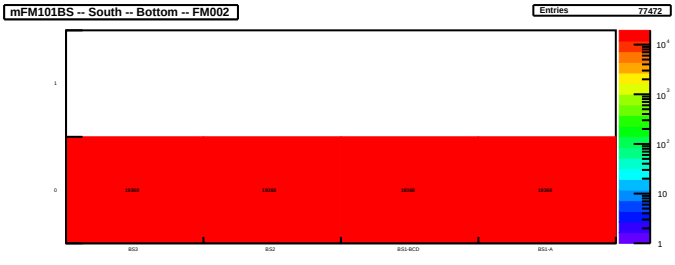

mFM101BSsim -- South -- Top -- FM001
Entries 0
BS3
BS2
BS1-BCD
BS1-A

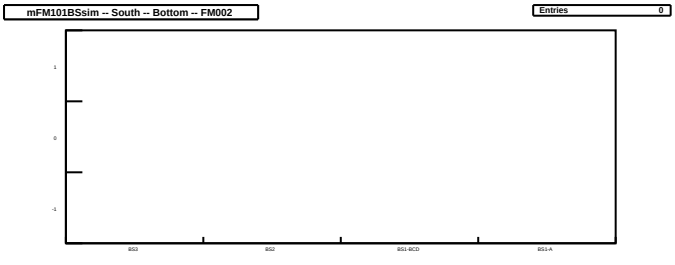

mFM101D -- South -- Top -- FM001
Entries 19368
D(23)


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


mFM101JP -- South -- Top -- FM001
Entries 38736
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 77472
BS3
BS2
BS1-BCD
BS1-A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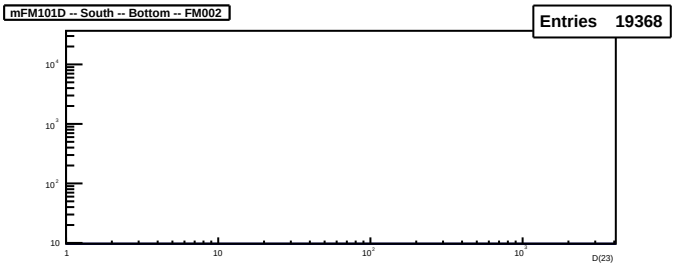
Entries 0
BS3
BS2
BS1-BCD
BS1-A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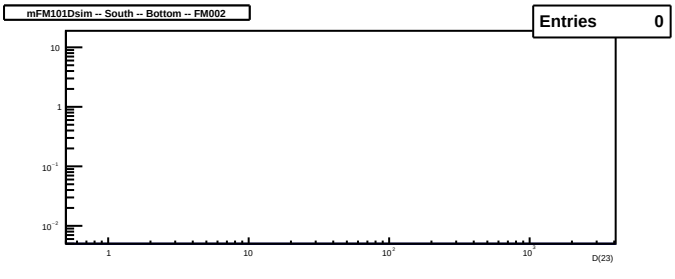
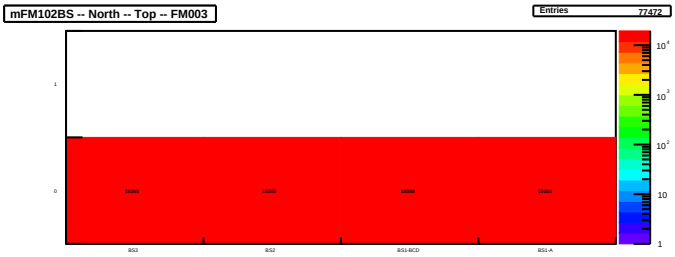
Entries 19368
D(23)

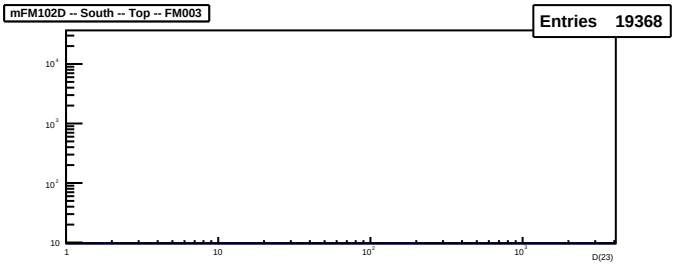

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

mFM101JP -- South -- Bottom -- FM002
Entries 38736
JP-AB
JP-CD

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


mFM102BS -- North -- Top -- FM003
Entries 77472
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A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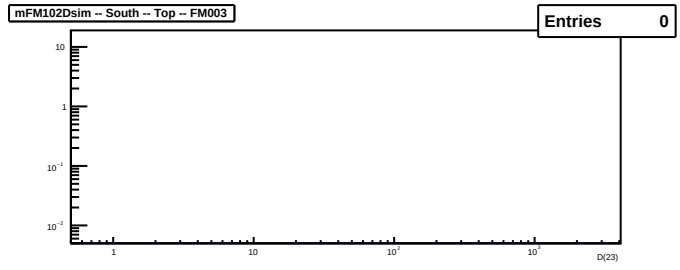
Entries 19368
D(23)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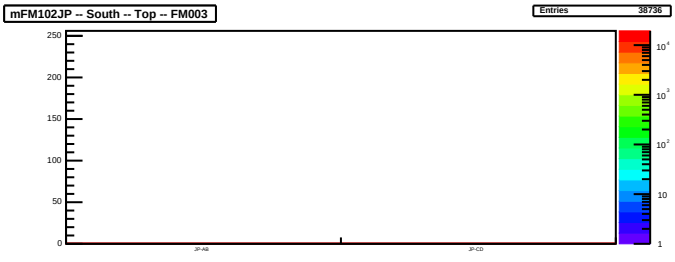
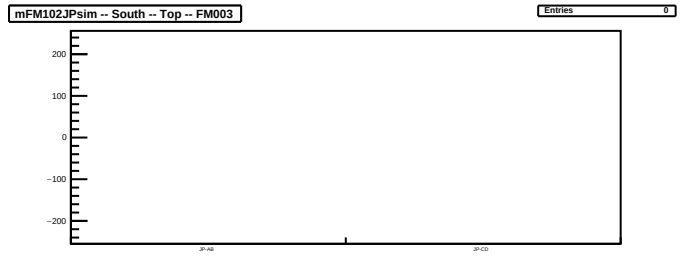
D(23)


mFM102JP -- South -- Top -- FM003
Entries 38736
JP-AB
JP-CD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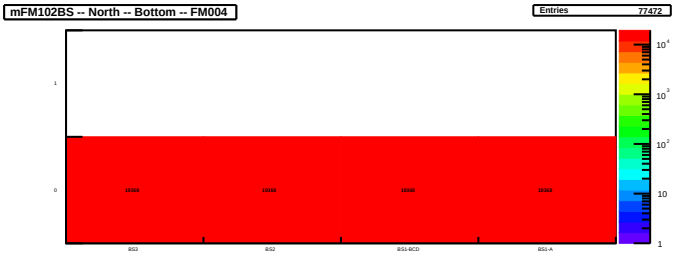
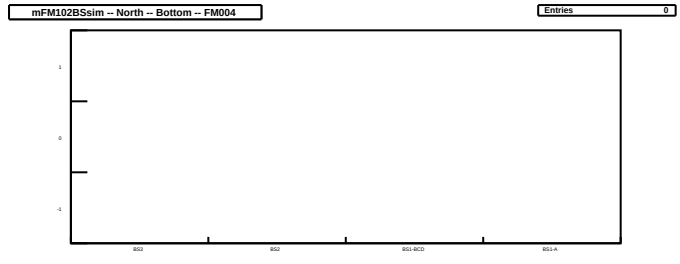
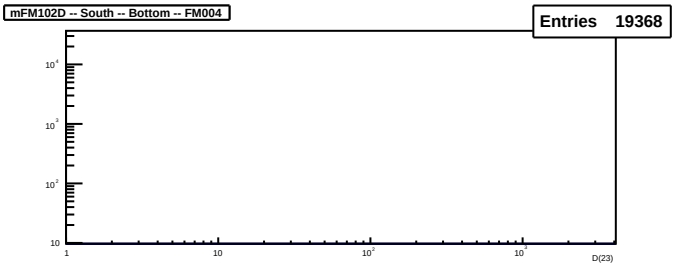
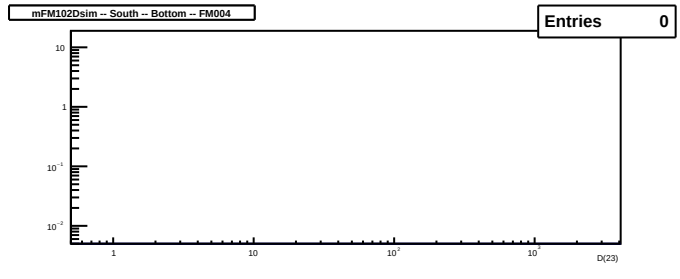
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Bottom -- FM004
Entries 77472
BS3
BS2
BS1-BCD
BS1-A


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


mFM102D -- South -- Bottom -- FM004
Entries 19368
D(23)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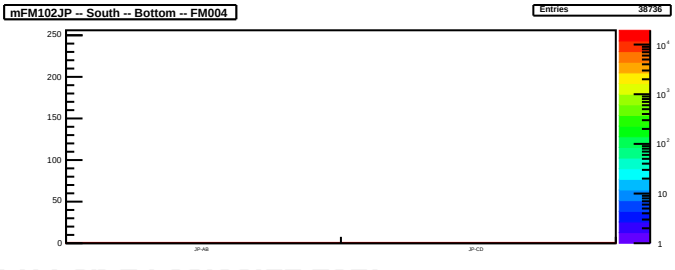
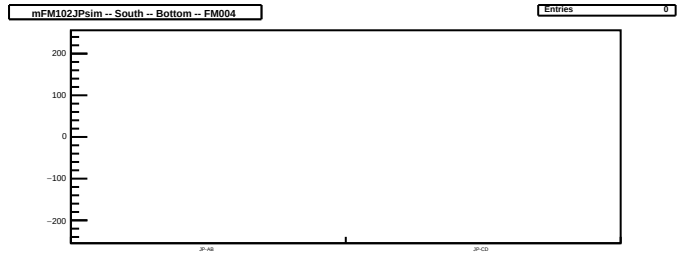
Entries 0
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 38736
JP-AB
JP-CD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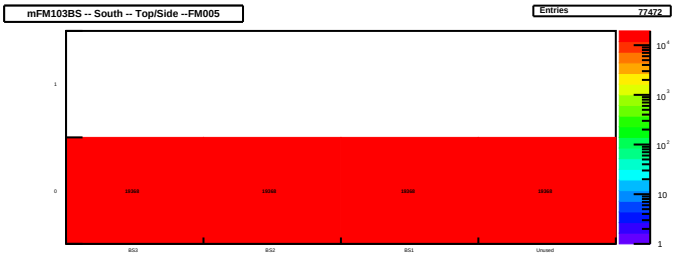
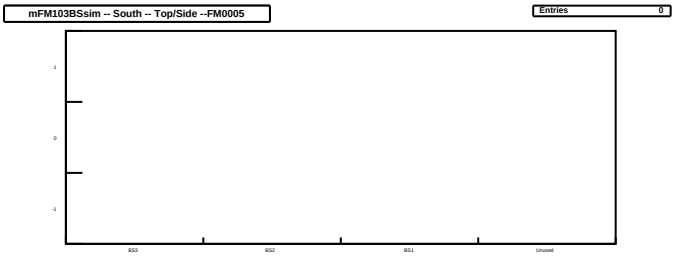
Entries 0
JP-AB
JP-CD


mFM103BS -- South -- Top/Side --FM005
Entries 77472
19368
19368
19368
19368
BS3
BS2
BS1
Unused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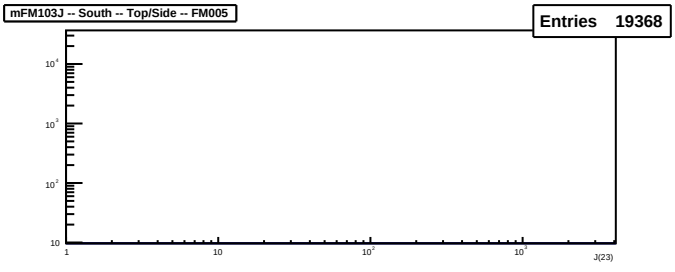
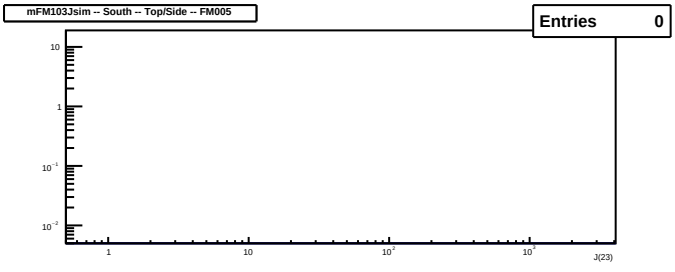
Entries 0
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 19368
J(23)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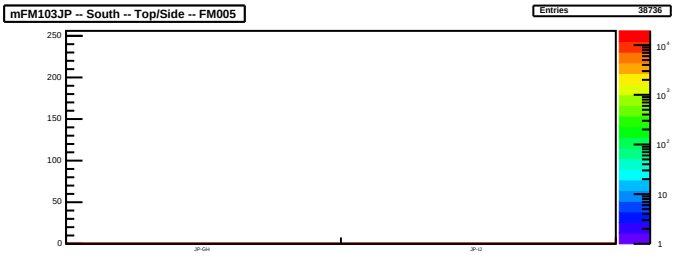
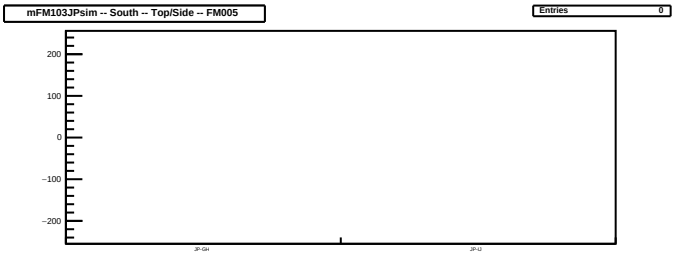
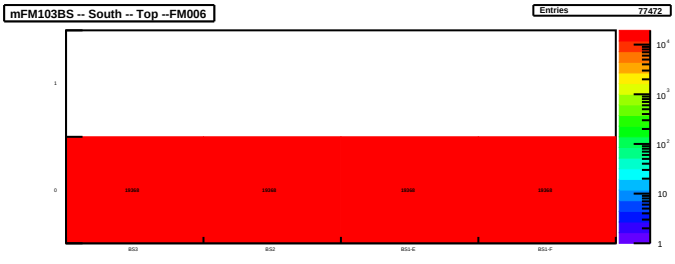
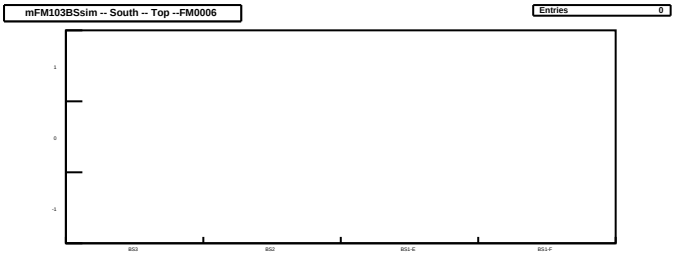
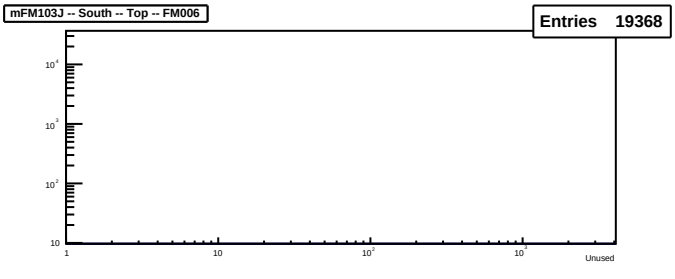
Entries 0
J(23)

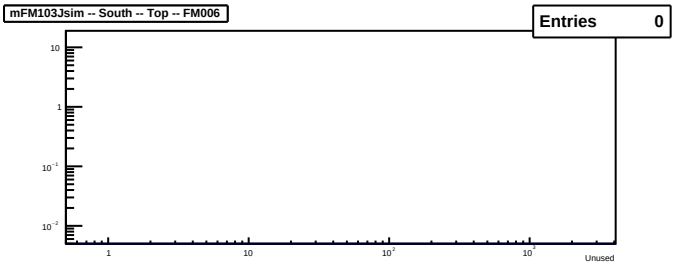

mFM103JP -- South -- Top/Side -- FM005
Entries 38736
JP-GH
JP-U


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

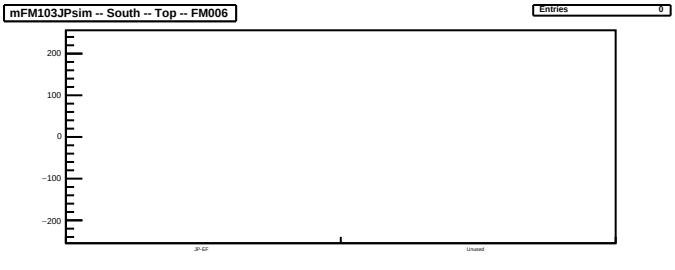

mFM103BS -- South -- Top --FM006
Entries 77472
19368
19368
19368
19368
BS3
BS2
BS1-E
BS1-F

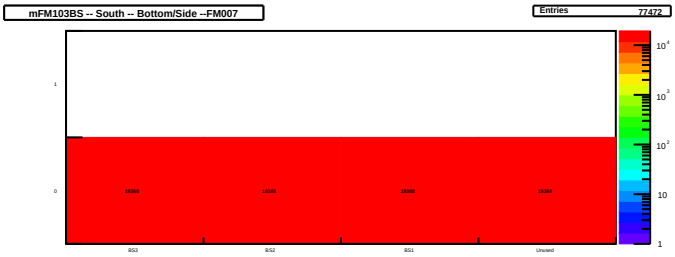

mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F

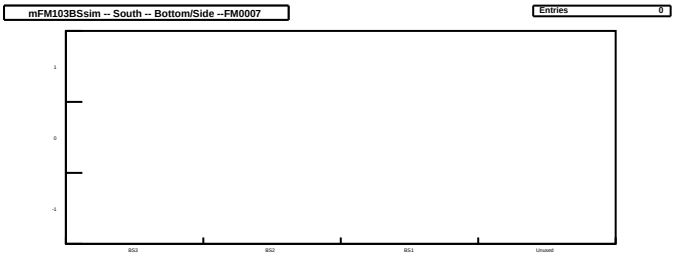

mFM103J -- South -- Top -- FM006
Entries 19368
Unused


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

mFM103JP -- South -- Top -- FM006
Entries 38736
JP-EF
Unused


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


mFM103BS -- South -- Bottom/Side --FM007
Entries 77472
19368
19368
19368
19368
BS3
BS2
BS1
Unused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Entries 0
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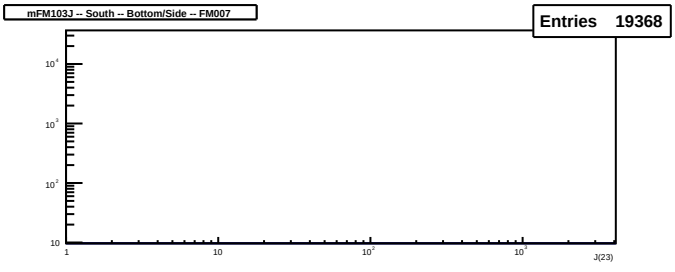
BS2
BS1
Unused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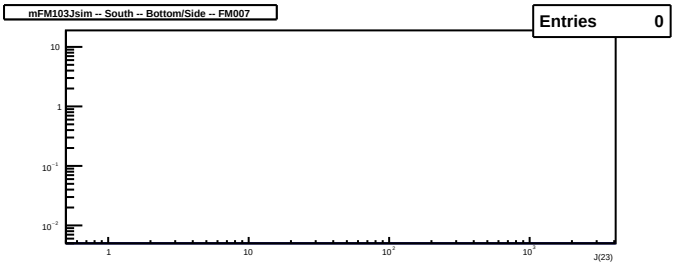
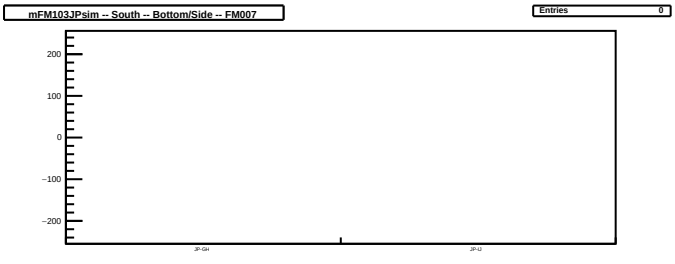
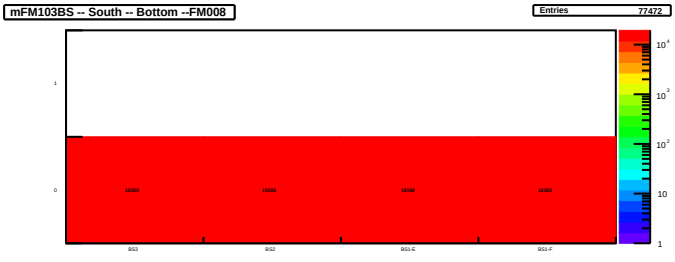
Entries 19368
J(23)


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

mFM103JP -- South -- Bottom/Side -- FM007
Entries 38736
JP-GH
JP-U


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


mFM103BS -- South -- Bottom --FM008
Entries 77472
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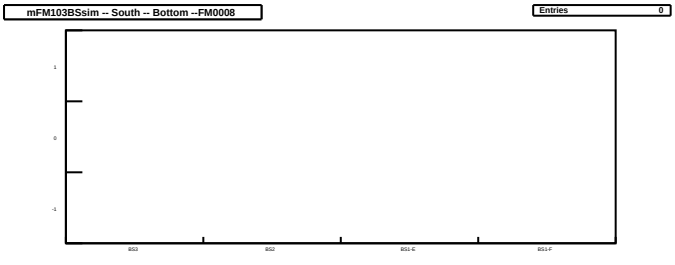
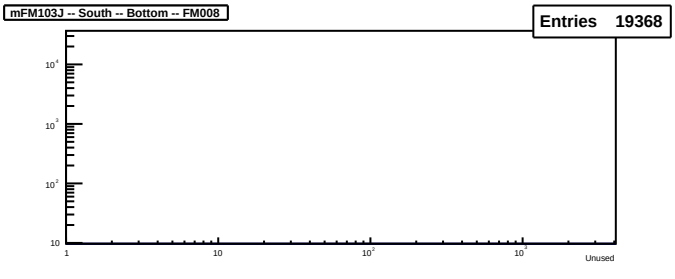
19368
19368
19368
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F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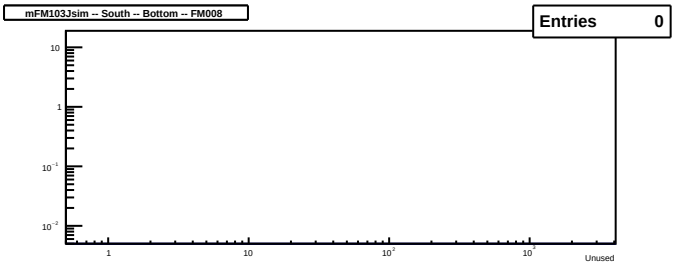
Entries 19368
Unused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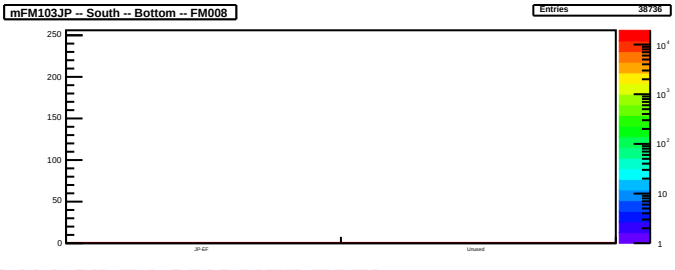
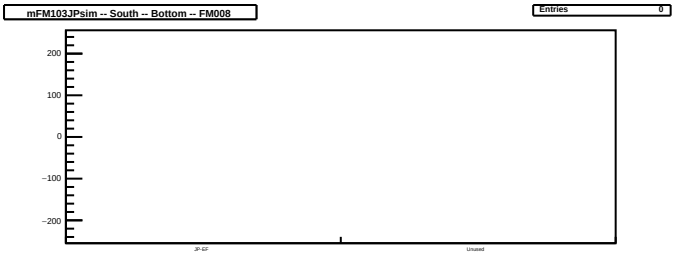
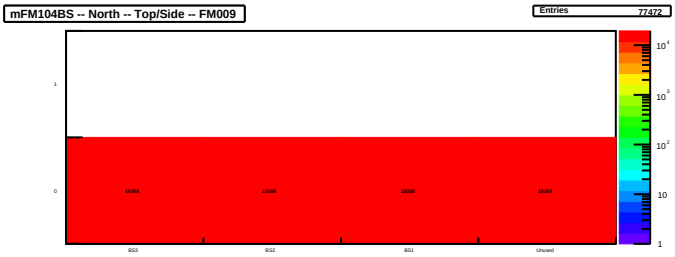
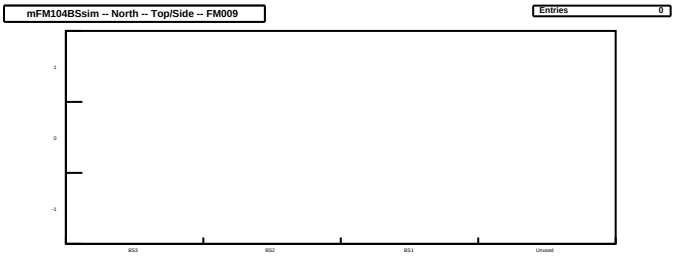
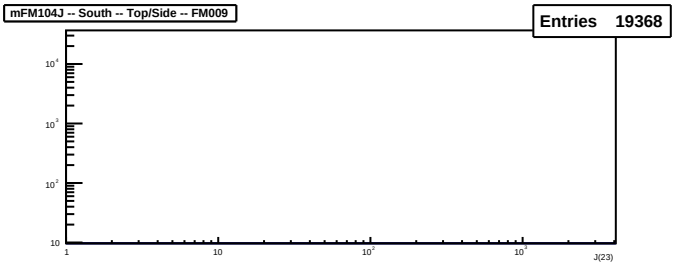
Entries 0
Unused

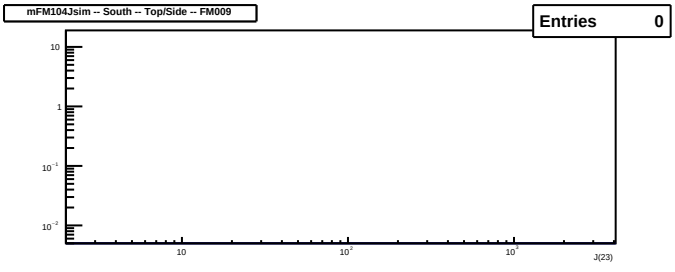

mFM103JP -- South -- Bottom -- FM008
Entries 38736
JP-EF
Unused

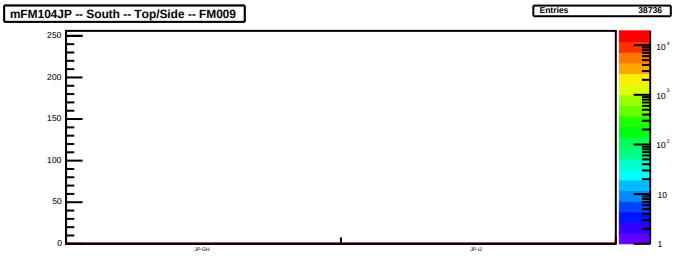

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

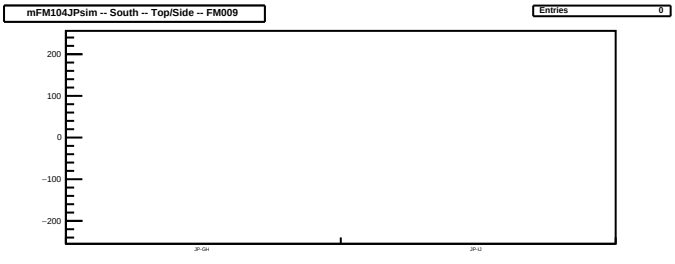

mFM104BS -- North -- Top/Side -- FM009
Entries 77472
19368
19368
19368
19368
BS3
BS2
BS1
Unused

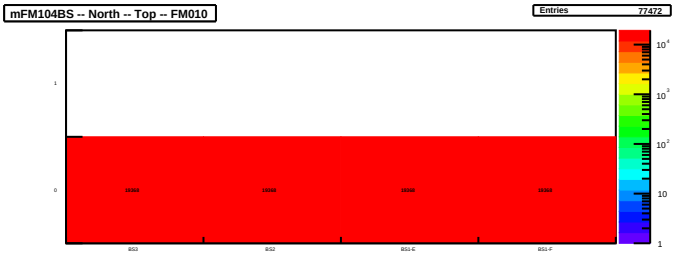

mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused

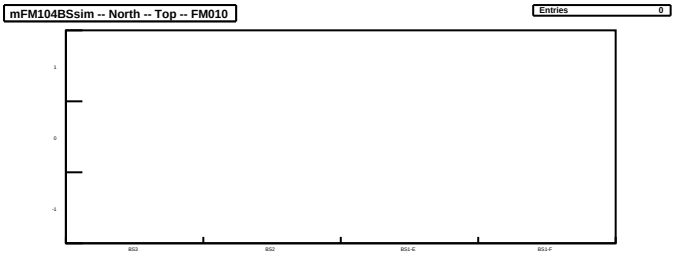

mFM104J -- South -- Top/Side -- FM009
Entries 19368
J(23)

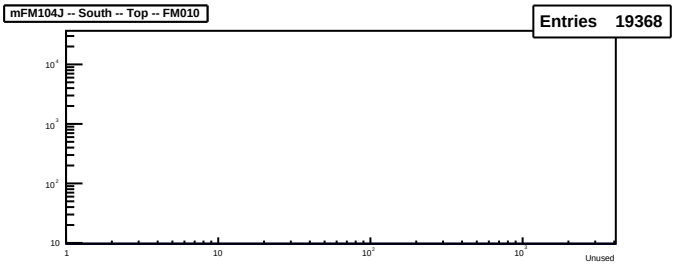

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 38736
JP-GH
JP-U


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


mFM104BS -- North -- Top -- FM010
Entries 77472
19368
19368
19368
19368
BS3
BS2
BS1-E
BS1-F


mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F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Entries 19368
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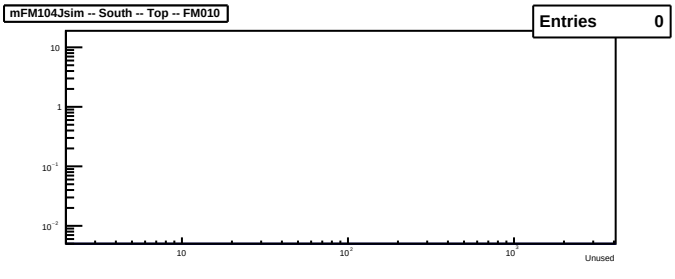
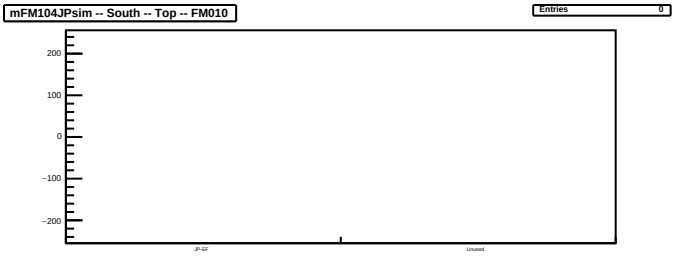
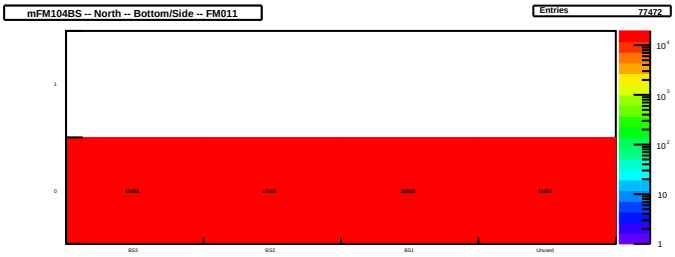
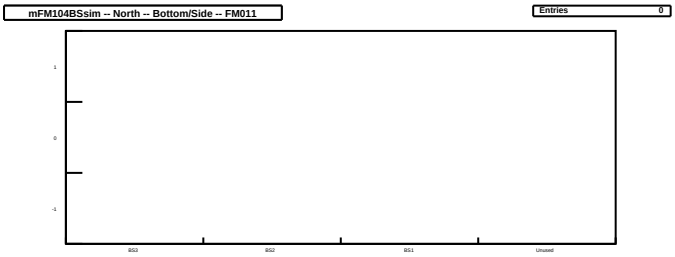
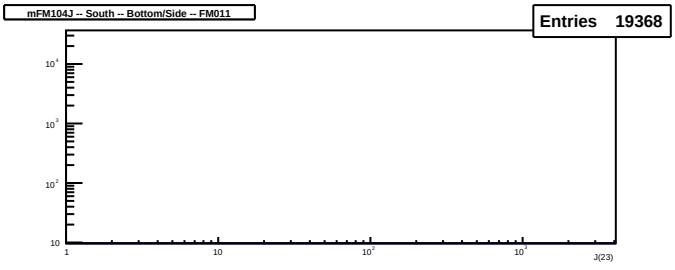

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

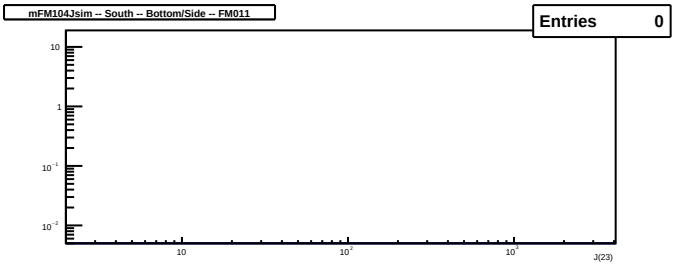
mFM104JP -- South -- Top -- FM010
Entries 38736
JP-EF
Unused

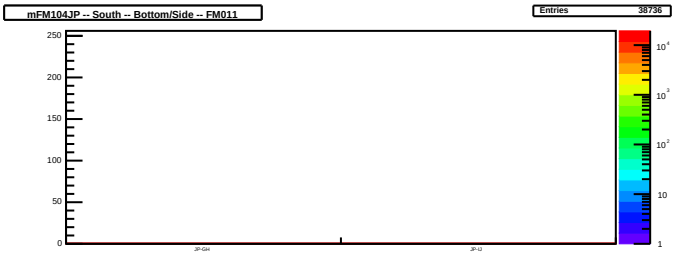

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

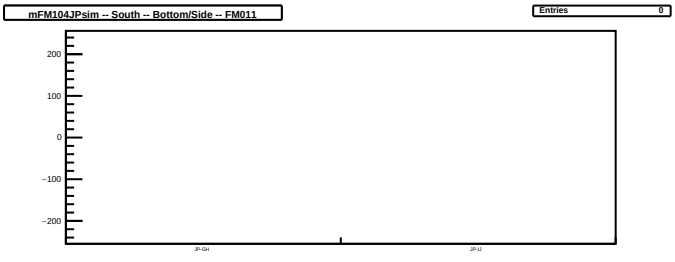

mFM104BS -- North -- Bottom/Side -- FM011
Entries 77472
19368
19368
19368
19368
BS3
BS2
BS1
Unused

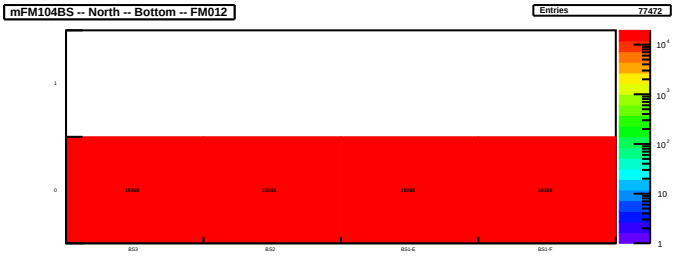

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

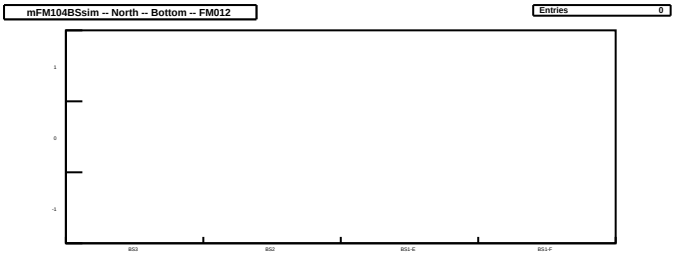

mFM104J -- South -- Bottom/Side -- FM011
Entries 19368
J(23)

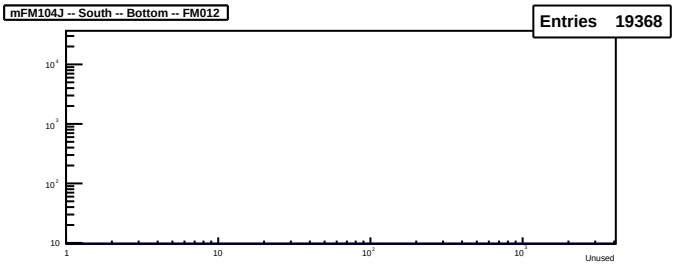

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

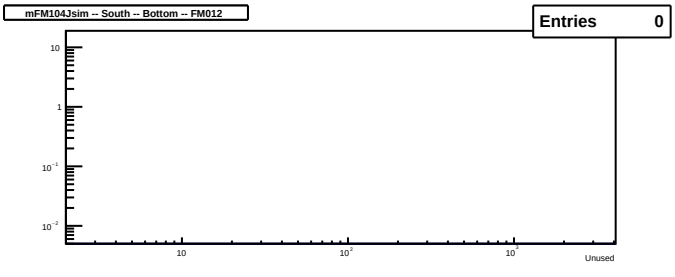

mFM104JP -- South -- Bottom/Side -- FM011
Entries 38736
JP-GH
JP-U


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


mFM104BS -- North -- Bottom -- FM012
Entries 77472
19368
19368
19368
19368
BS3
BS2
BS1-E
BS1-F

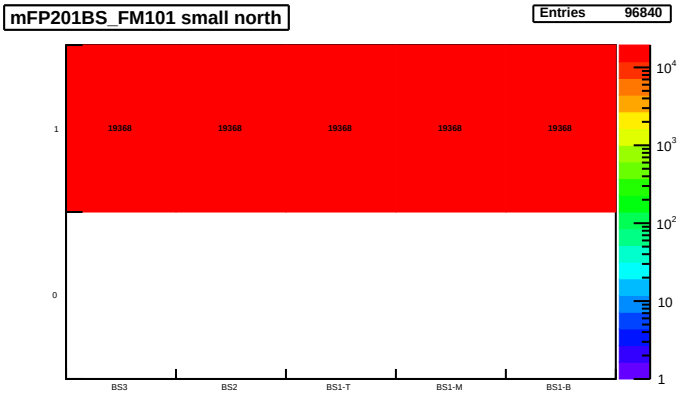

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

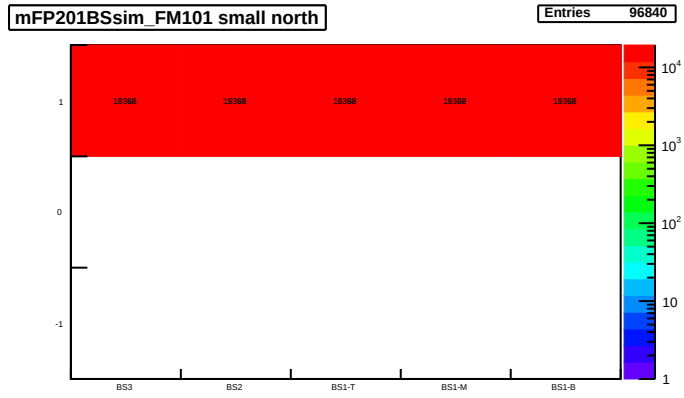

mFM104J -- South -- Bottom -- FM012
Entries 19368
Unused

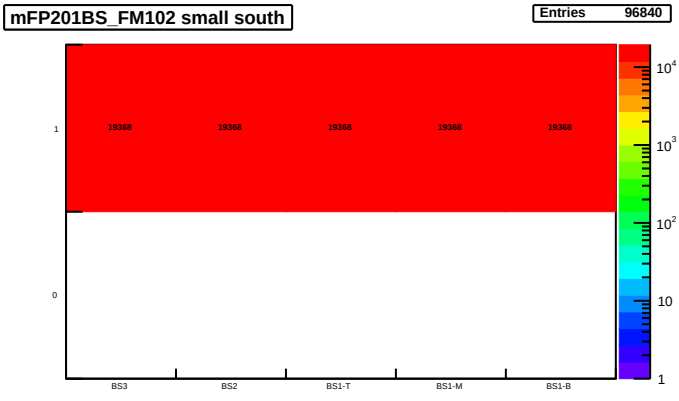

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

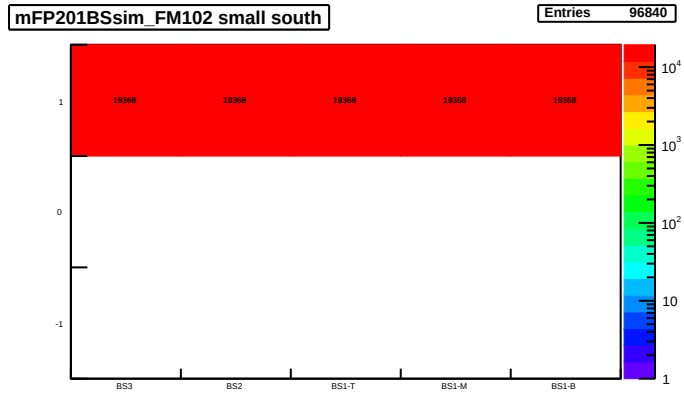
mFM104JP -- South -- Bottom -- FM012
Entries 38736
JP-EF
Unused

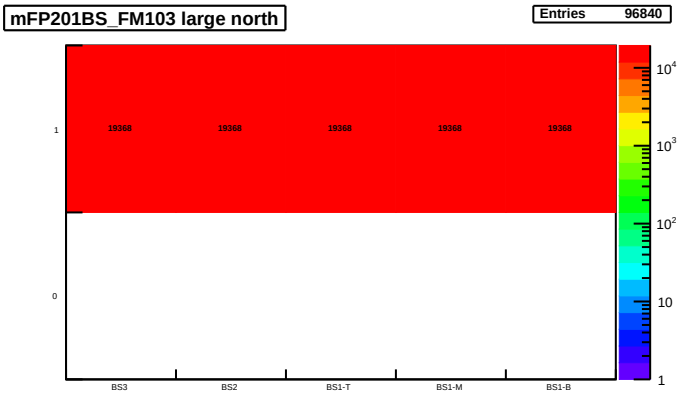
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

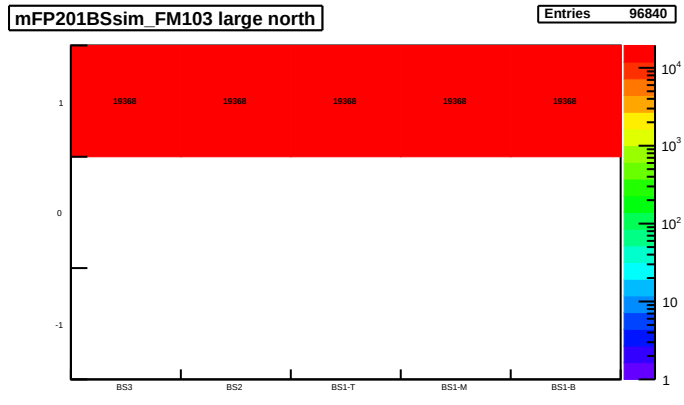

mFP201BS_FM101 small north
Entries 96840
19368
BS3
BS2
BS1-T
BS1-M
BS1-B

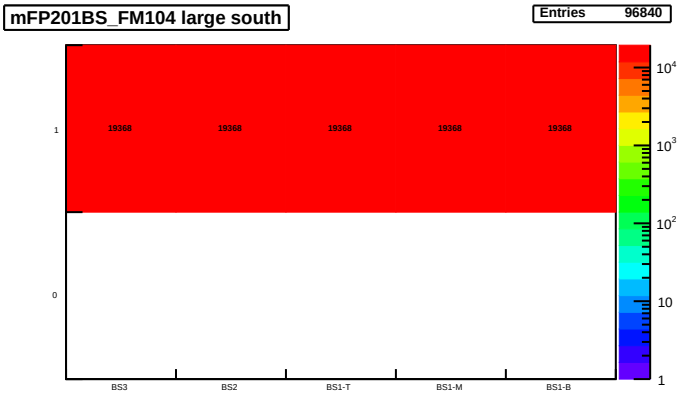

mFP201BSsim_FM101 small north
Entries 96840
19368
BS3
BS2
BS1-T
BS1-M
BS1-B

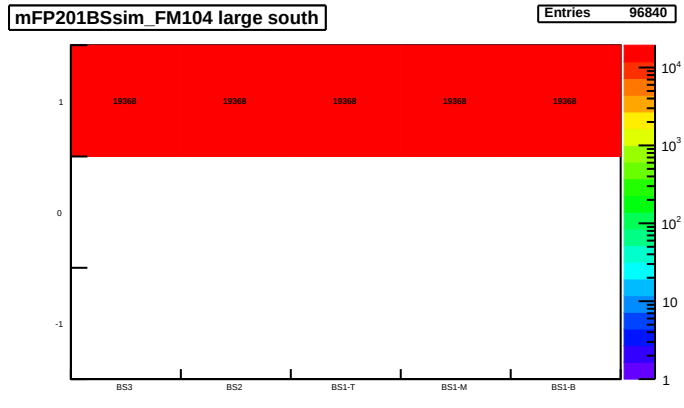

mFP201BS_FM102 small south
Entries 96840
19368
BS3
BS2
BS1-T
BS1-M
BS1-B

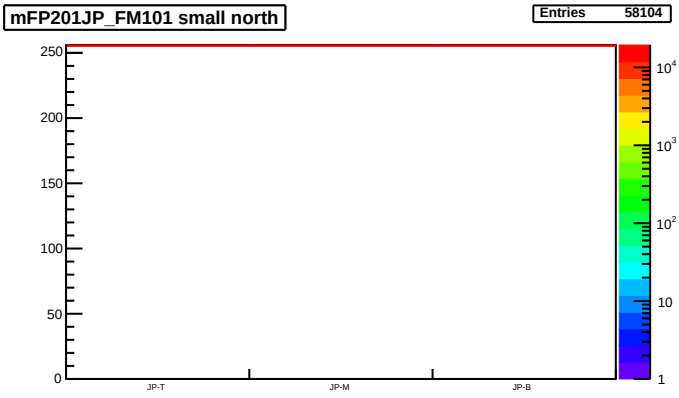

mFP201BSsim_FM102 small south
Entries 96840
19368
BS3
BS2
BS1-T
BS1-M
BS1-B

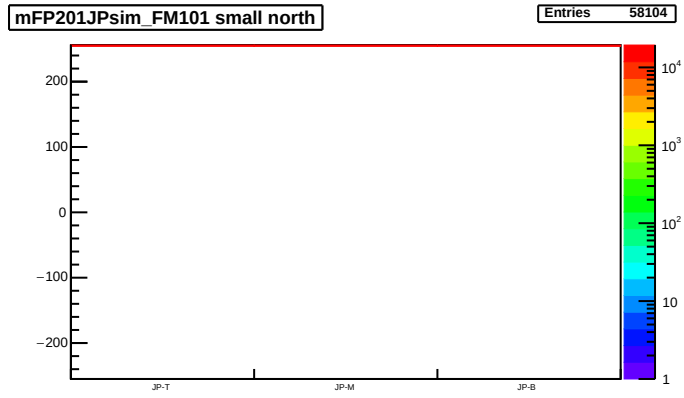

mFP201BS_FM103 large north
Entries 96840
19368
BS3
BS2
BS1-T
BS1-M
BS1-B

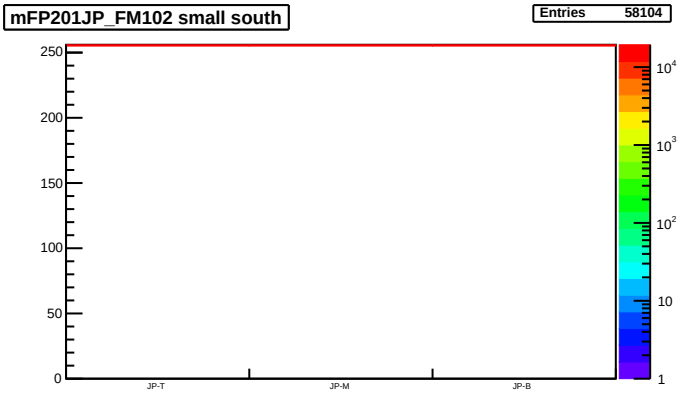

mFP201BSsim_FM103 large north
Entries 96840
19368
BS3
BS2
BS1-T
BS1-M
BS1-B

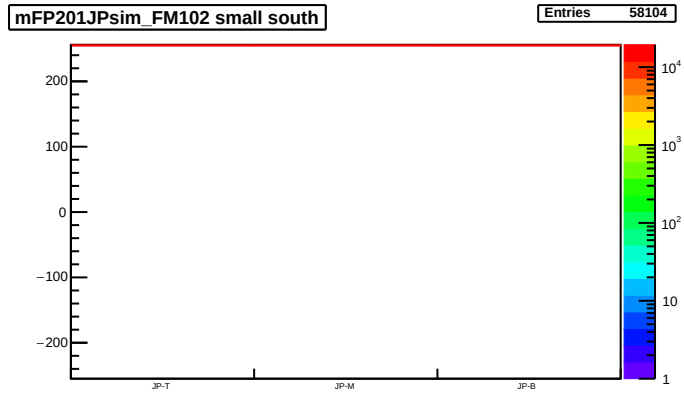

mFP201BS_FM104 large south
Entries 96840
19368
BS3
BS2
BS1-T
BS1-M
BS1-B

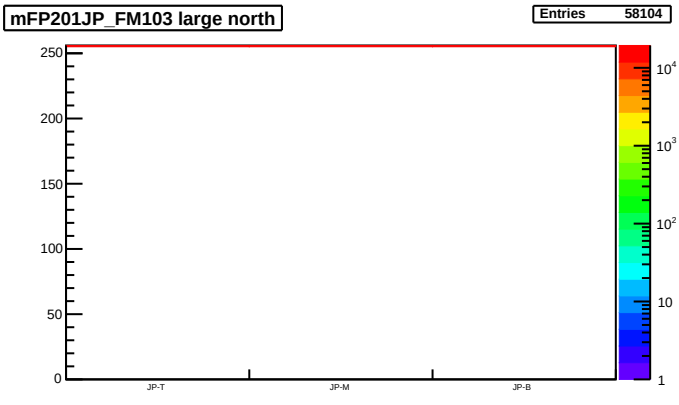

mFP201BSsim_FM104 large south
Entries 96840
19368
BS3
BS2
BS1-T
BS1-M
BS1-B

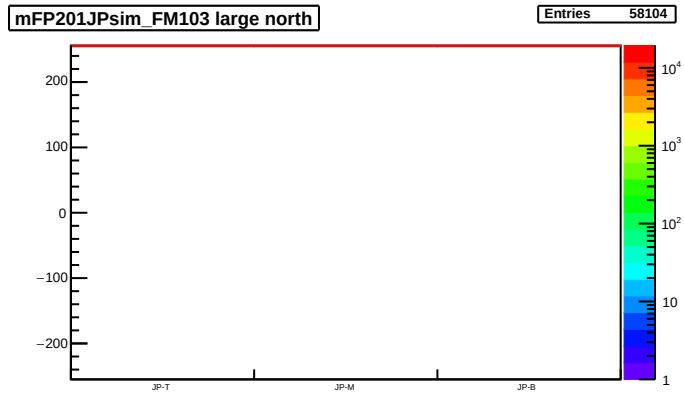

mFP201JP_FM101 small north
Entries 58104
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

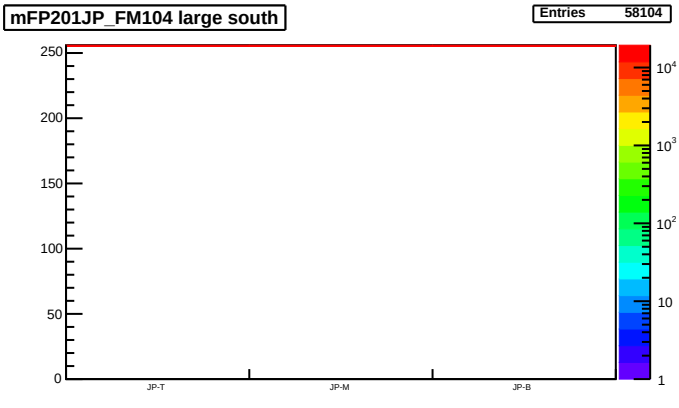

mFP201JPsim_FM101 small north
Entries 58104
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

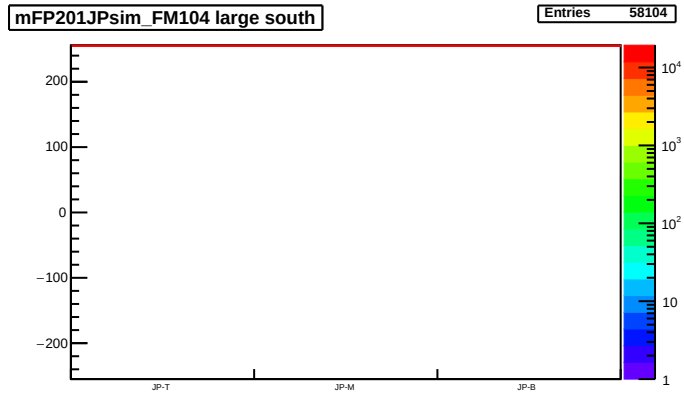

mFP201JP_FM102 small south
Entries 58104
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

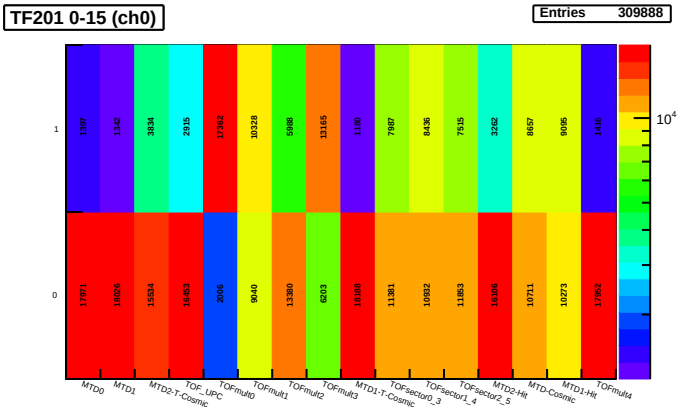

mFP201JPsim_FM102 small south
Entries 58104
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

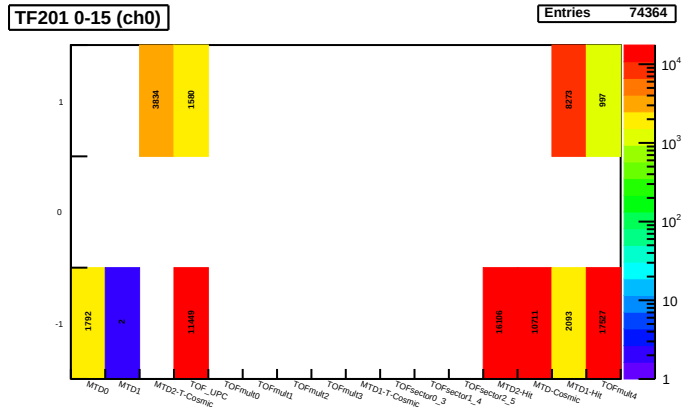

mFP201JP_FM103 large north
Entries 58104
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

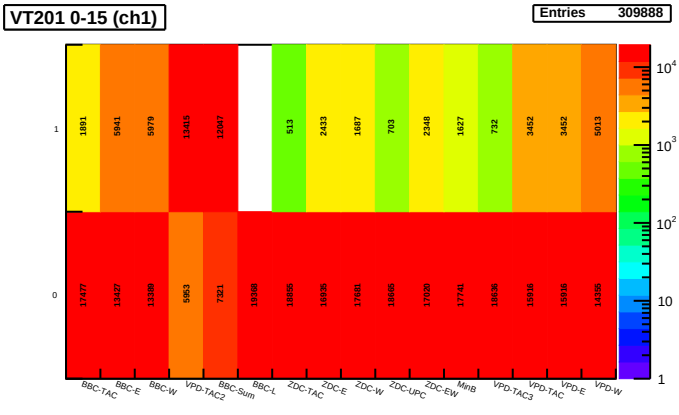

mFP201JPsim_FM103 large north
Entries 58104
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

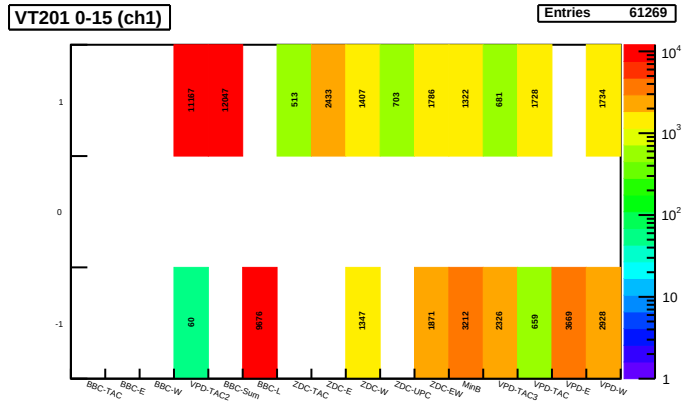

mFP201JP_FM104 large south
Entries 58104
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

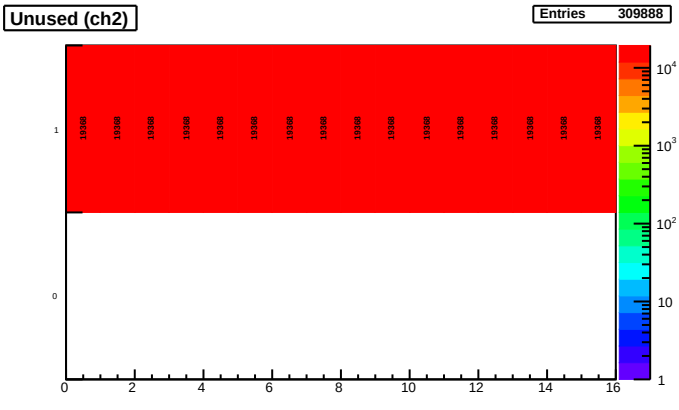

mFP201JPsim_FM104 large south
Entries 58104
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

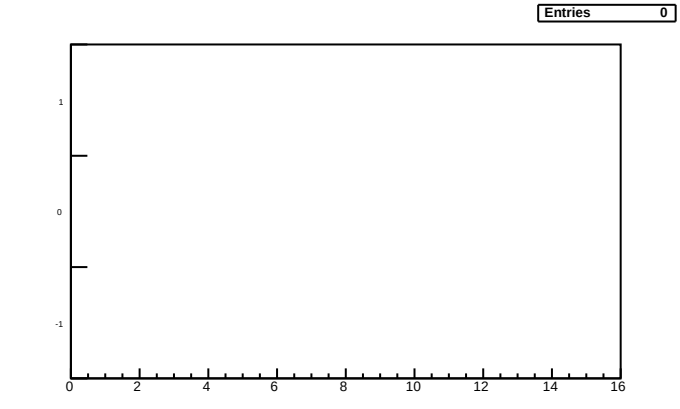

TF201 0-15 (ch0)
Entries 309888
1397 1342 3834 2915 17362 10328 5988 13165 1190 7987 8436 7515 3282 8657 9095 1416
17971 18026 15824 16463 2006 9040 13380 6203 18188 11381 10932 11853 16106 10711 10273 17862
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

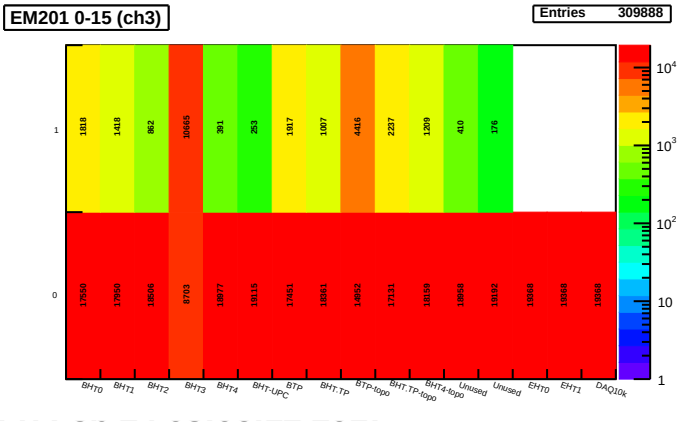

TF201 0-15 (ch0)
Entries 74364
3834 1590 8273 997
1792 2 11449 16106 10711 2093 17327
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

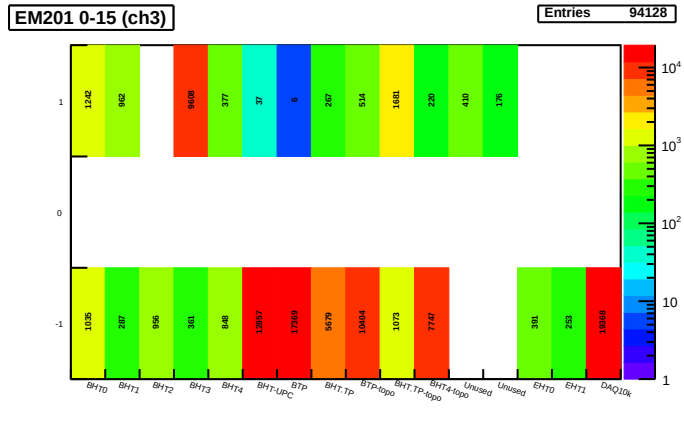

VT201 0-15 (ch1)
Entries 309888
1891 5941 5979 13415 12047 513 2433 1687 703 2348 1627 732 3452 3452 5013
17477 13427 13380 5953 7321 19368 18895 16935 17691 18665 17020 17741 18636 15916 15916 14395
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W


VT201 0-15 (ch1)
Entries 61269
11167 12047 513 2433 1407 703 1786 1322 681 1728 1734
60 9876 1347 1871 3212 2326 659 3669 2928
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

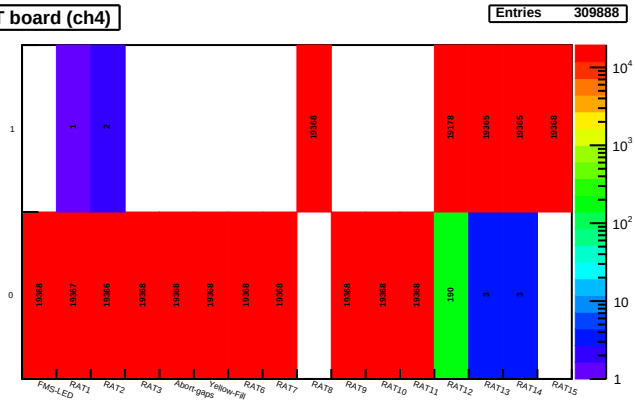

Unused (ch2)
Entries 309888
19368 19368 19368 19368 19368 19368 19368 19368 19368 19368 19368 19368 19368 19368 19368 19368

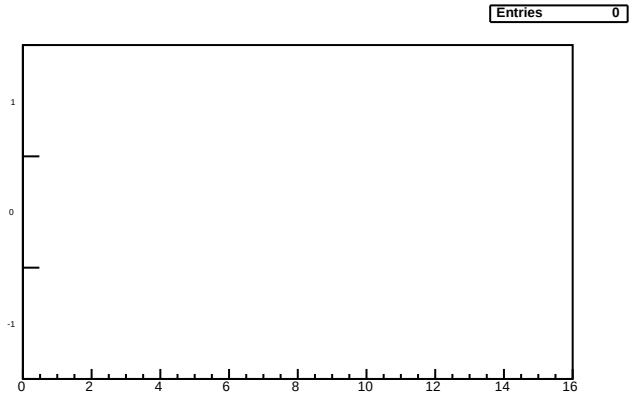

Entries 0


EM201 0-15 (ch3)
Entries 309888
1818 1418 862 10665 391 253 1817 1007 4416 2237 1209 410 176
17550 17950 18506 8763 18977 18115 17451 18361 14952 17131 18159 18958 19192 19368 19368 19368
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

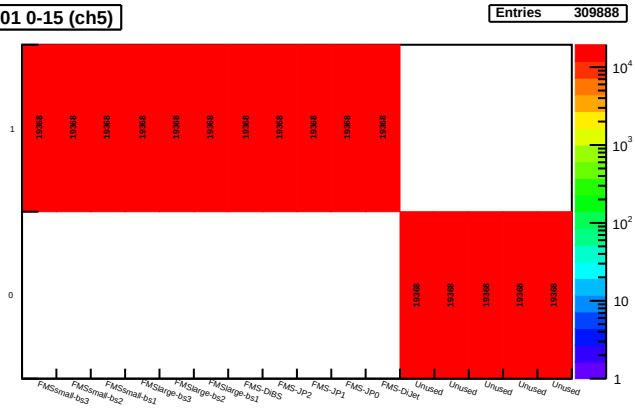

EM201 0-15 (ch3)
Entries 94128
1242 962 9608 377 37 6 267 514 1681 220 410 176
1035 287 956 361 848 12857 17369 5679 10404 1073 7747 391 253 19368
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

RAT board (ch4)

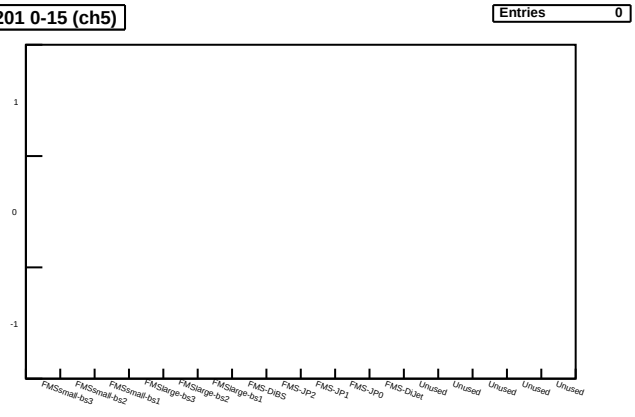




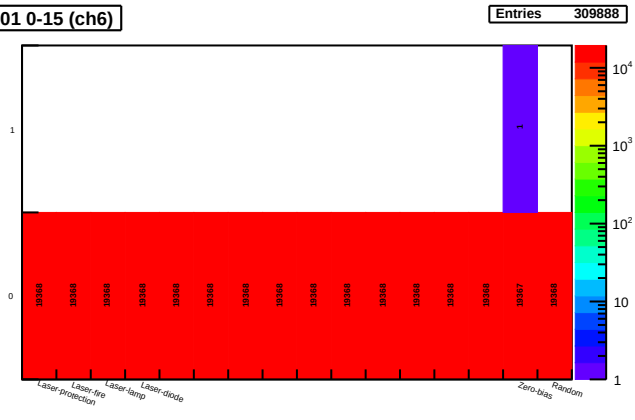
FP201 0-15 (ch5)

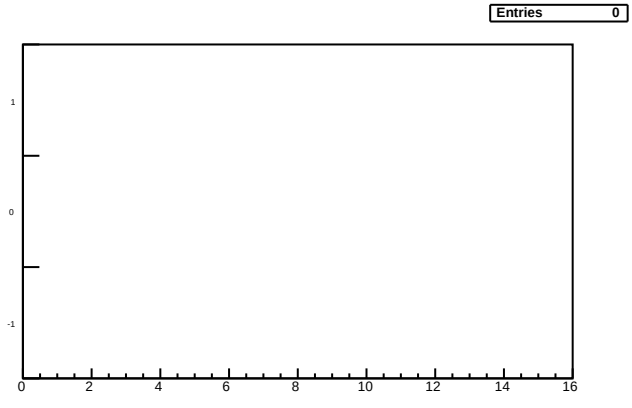
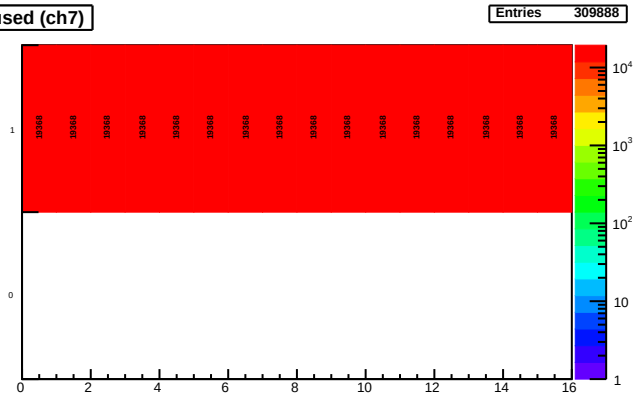
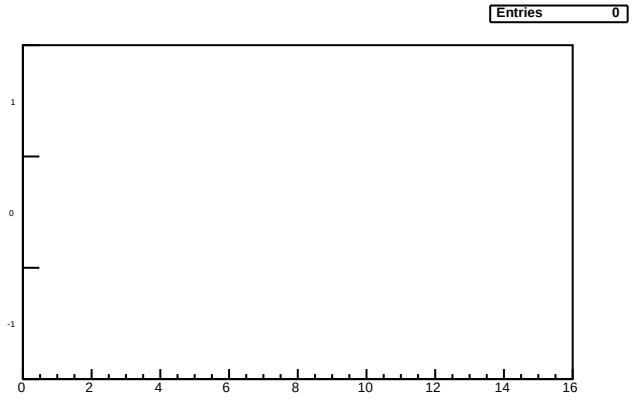


FP201 0-15 (ch5)



ST201 0-15 (ch6)





Unused (ch7)