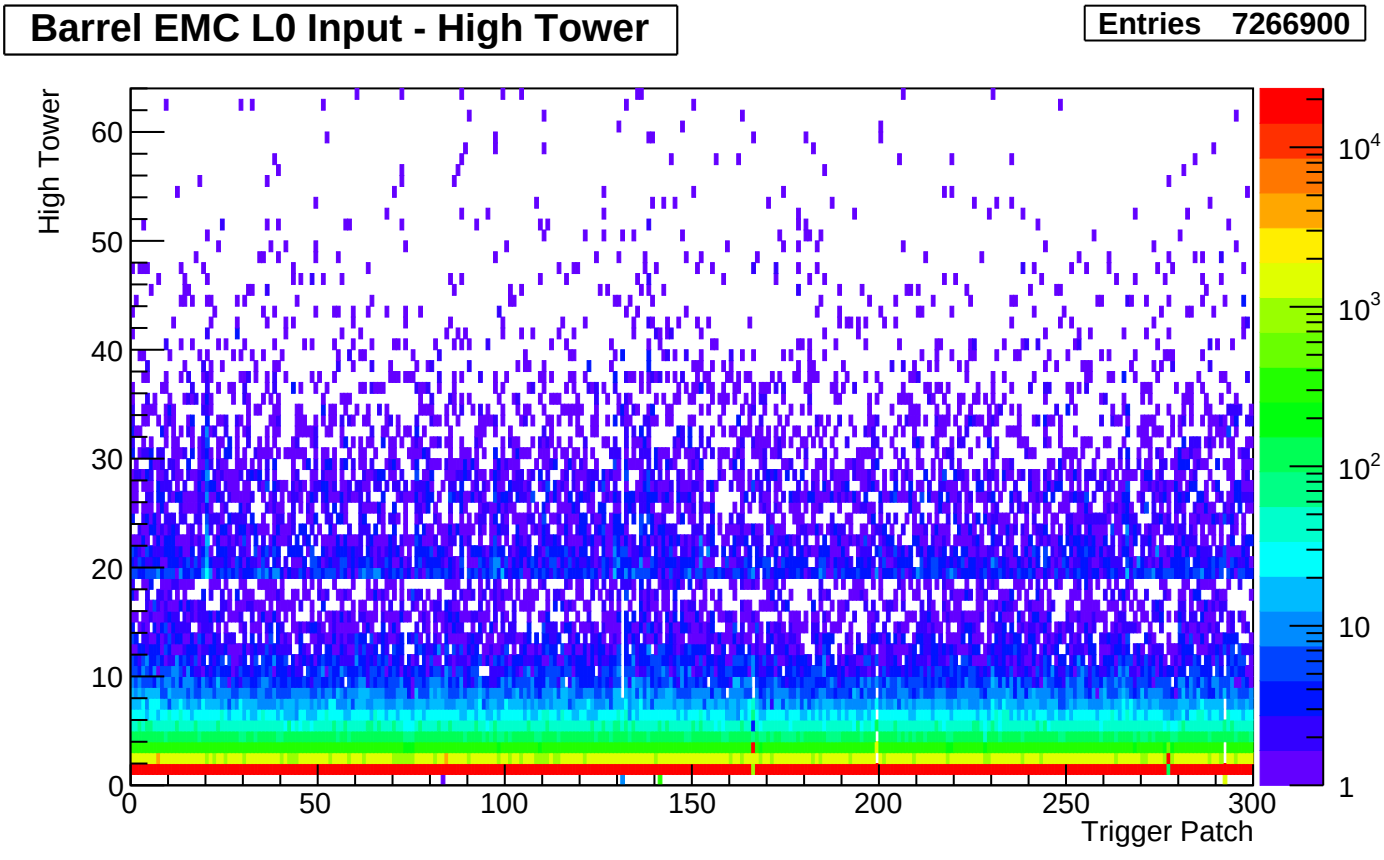
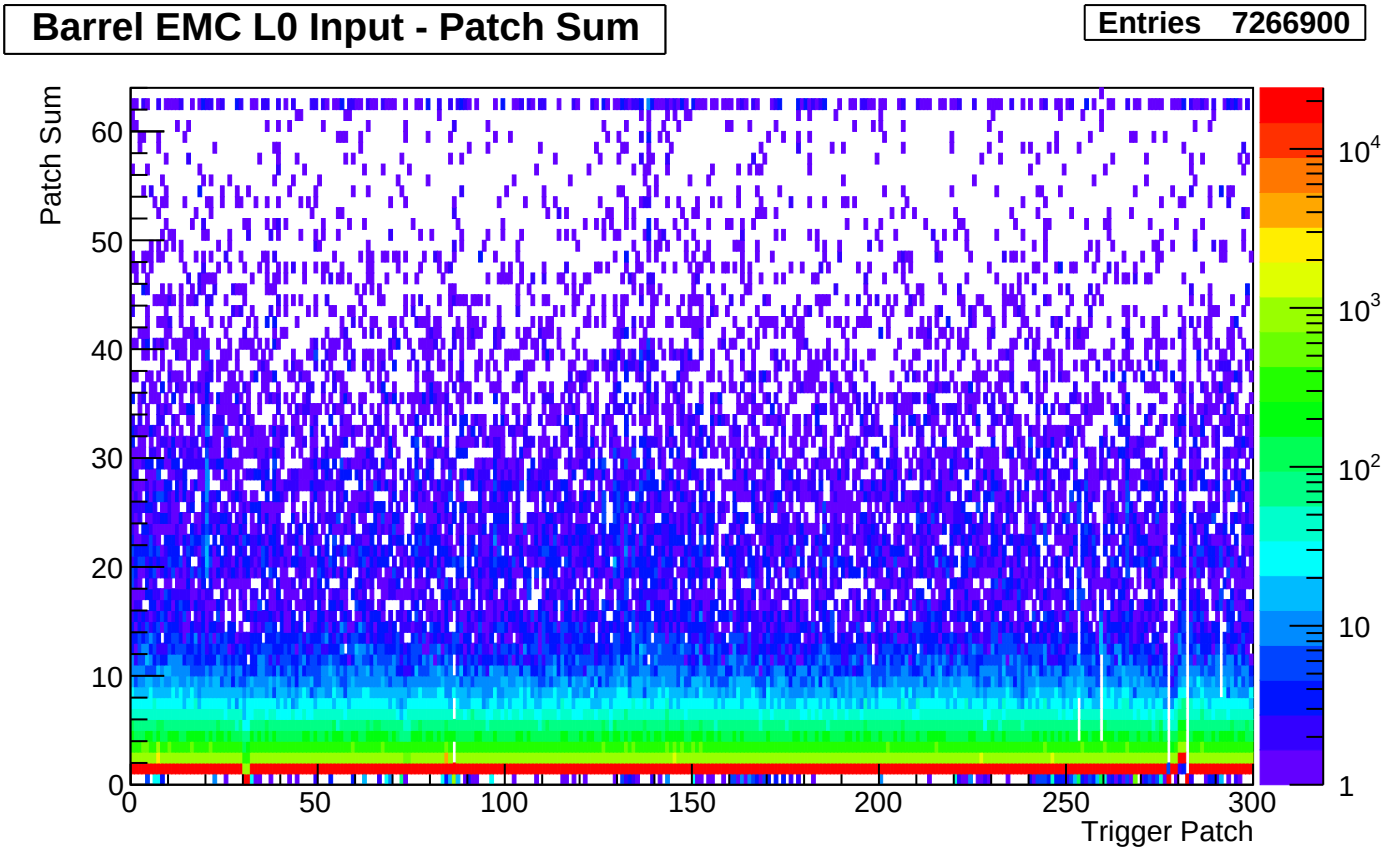
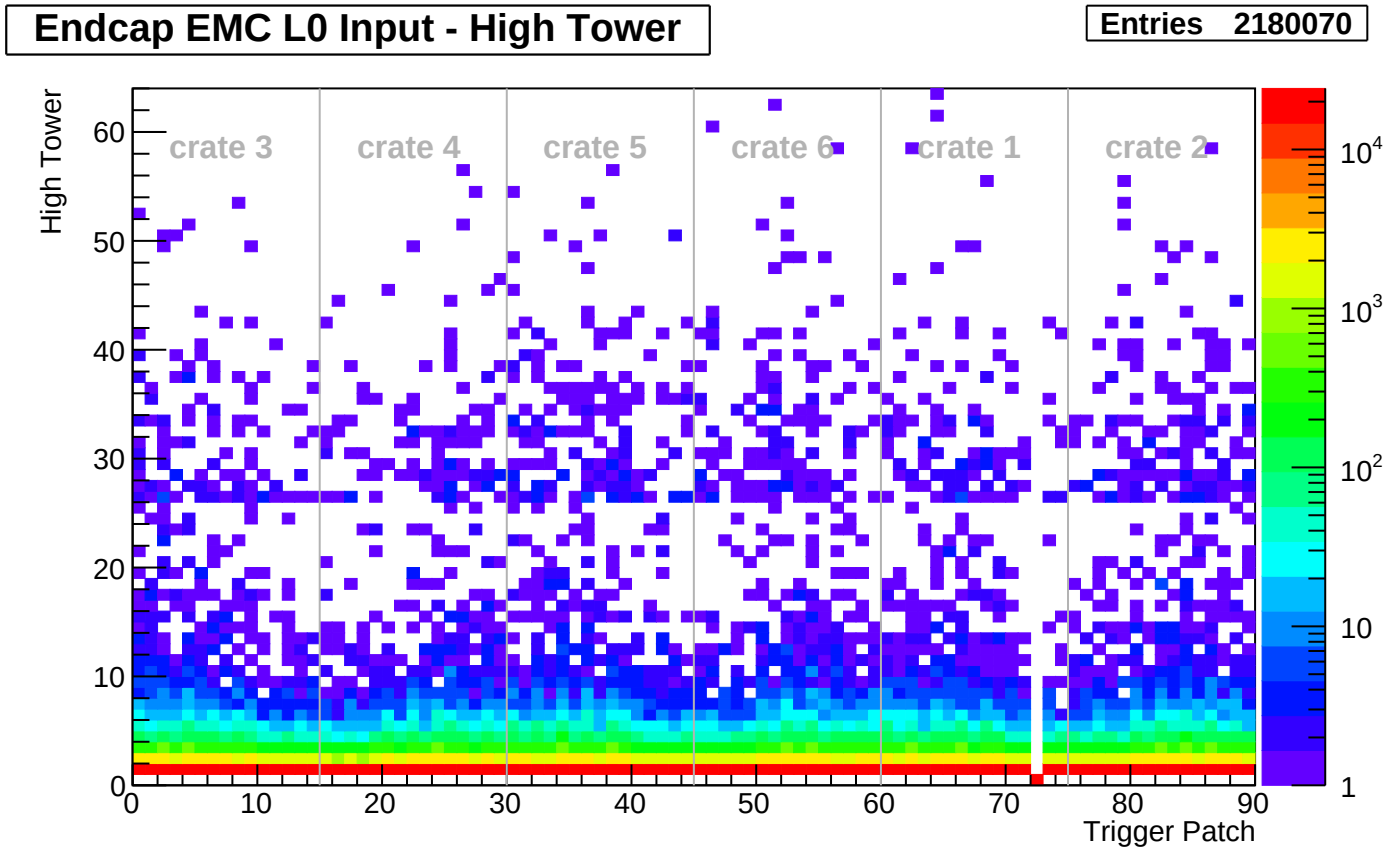
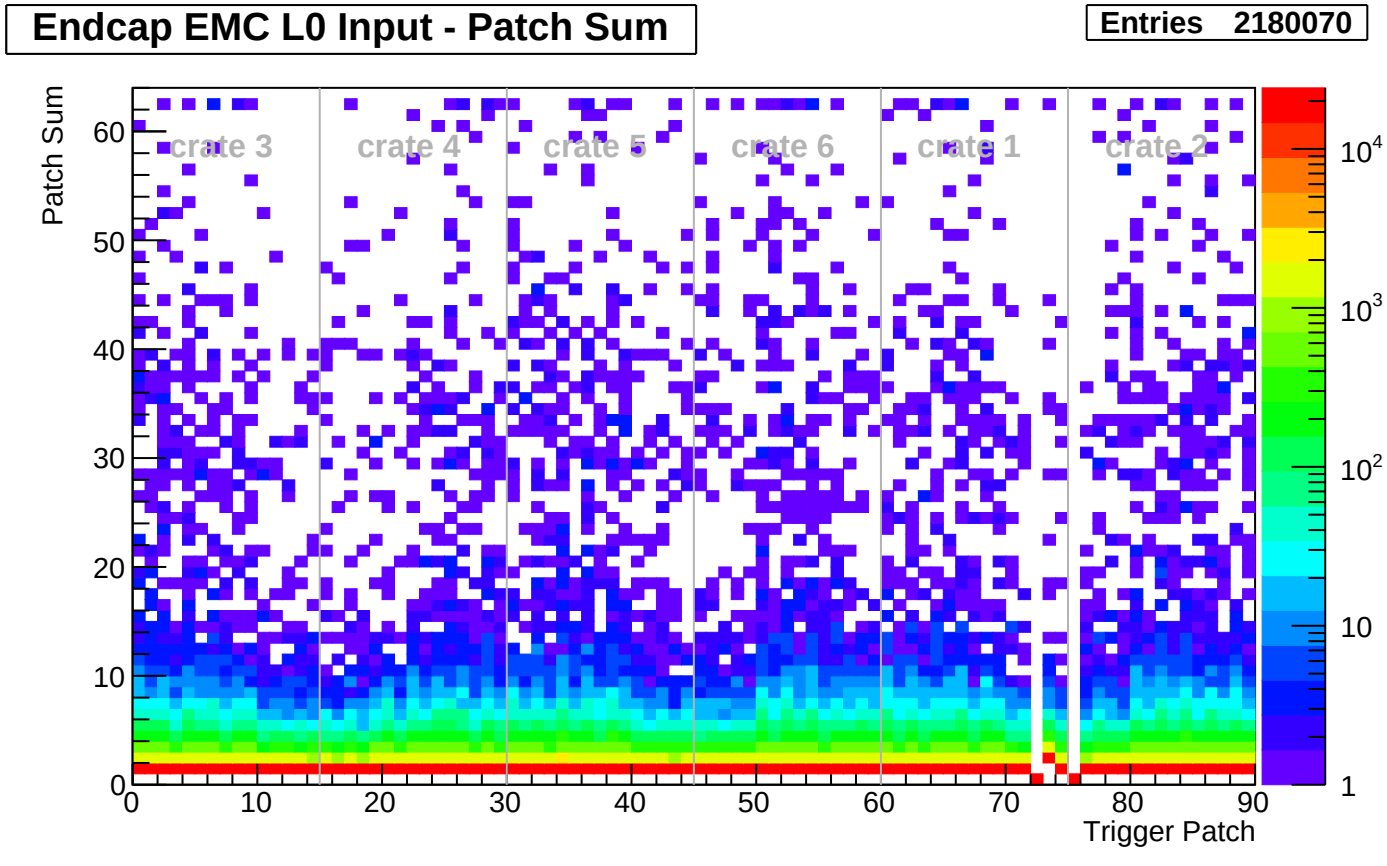
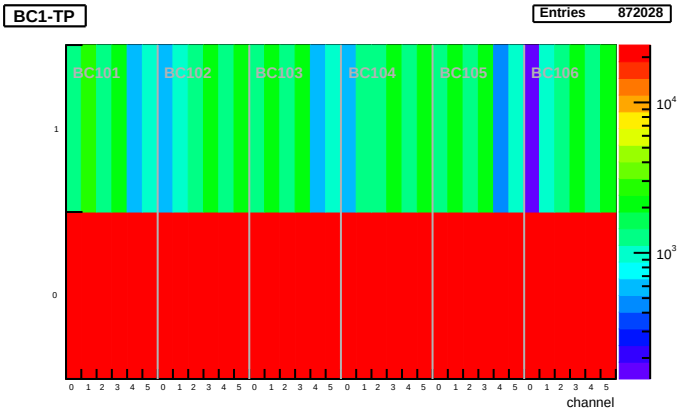
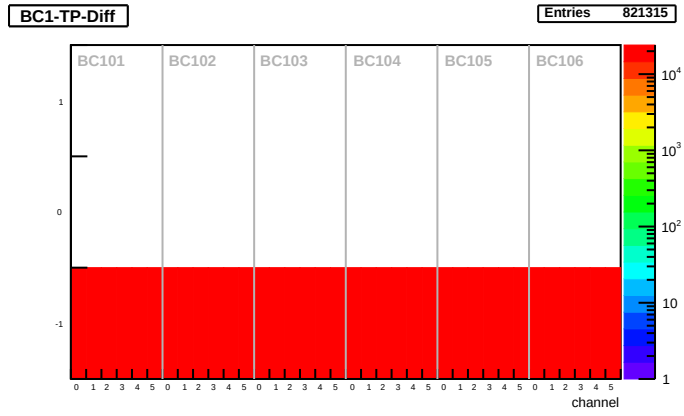

Barrel EMC L0 Input - High Tower
Entries 7266900
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

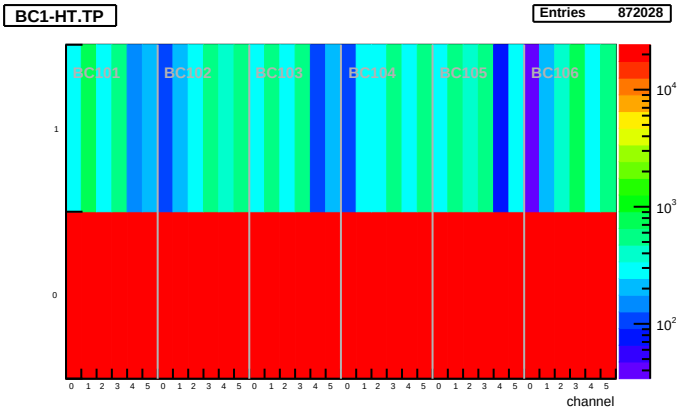

Barrel EMC L0 Input - Patch Sum
Entries 7266900
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

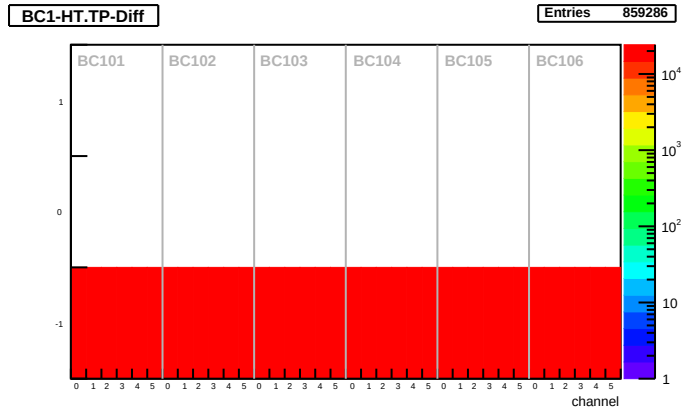

Endcap EMC L0 Input - High Tower
Entries 2180070
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

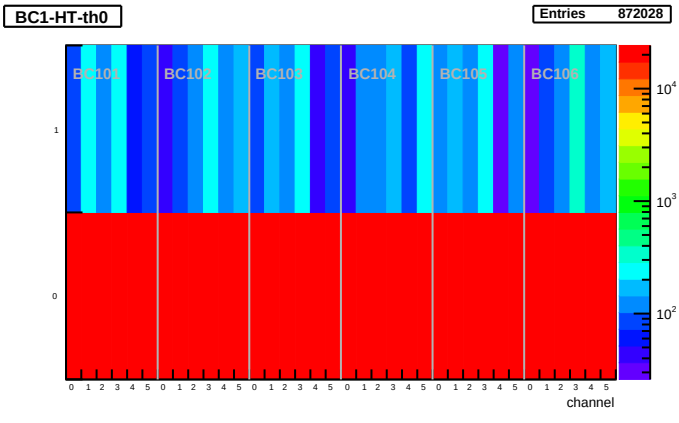

Endcap EMC L0 Input - Patch Sum
Entries 2180070
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

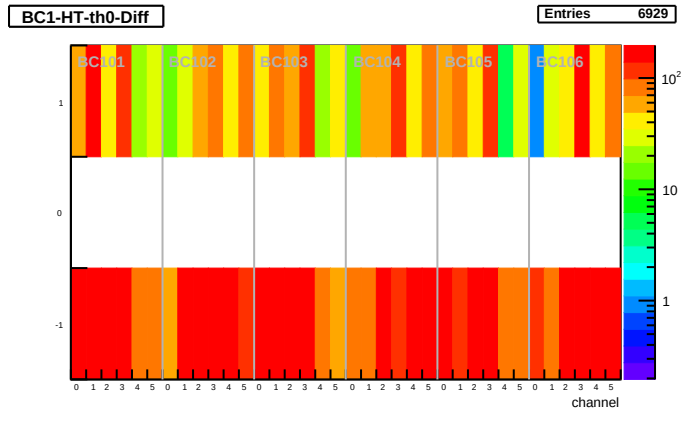

BC1-TP
Entries 872028
BC101
BC102
BC103
BC104
BC105
BC106
channel

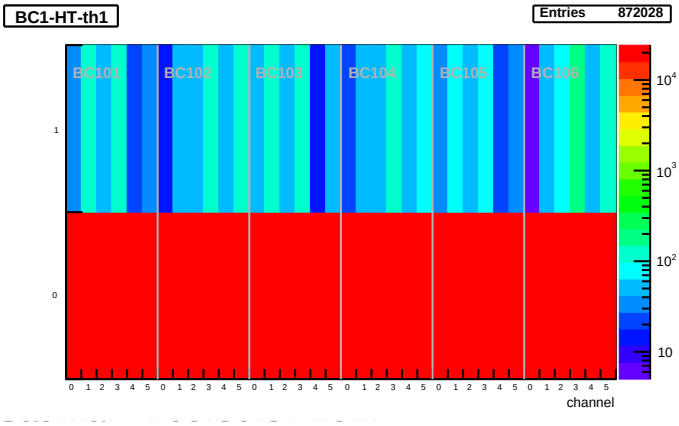

BC1-TP-Diff
Entries 821315
BC101
BC102
BC103
BC104
BC105
BC106
channel

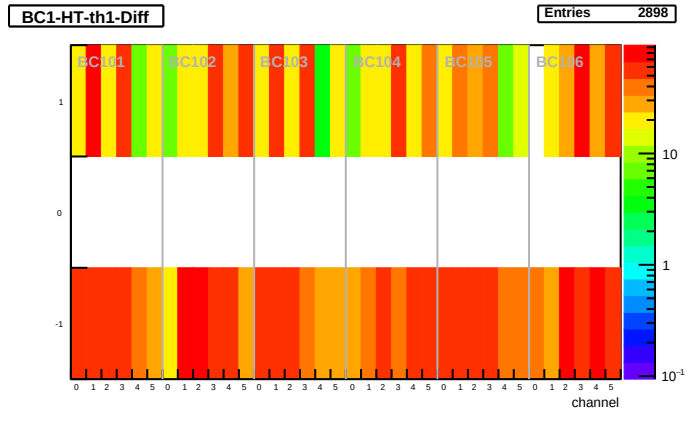

BC1-HT.TP
Entries 872028
BC101
BC102
BC103
BC104
BC105
BC106
channel

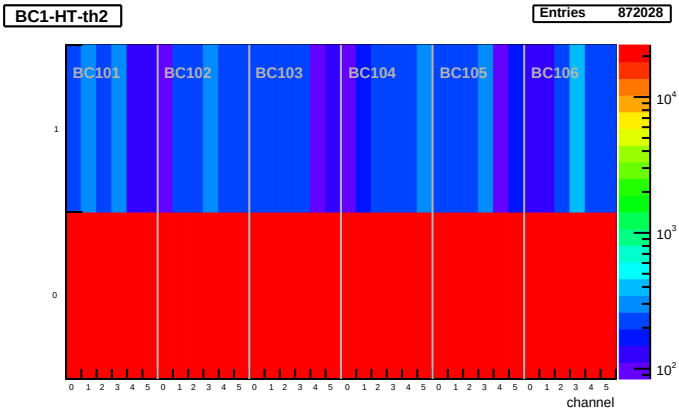

BC1-HT.TP-Diff
Entries 859286
BC101
BC102
BC103
BC104
BC105
BC106
channel

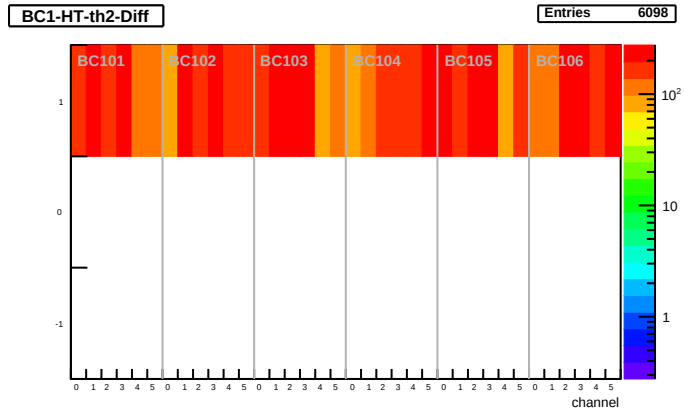

BC1-HT-th0
Entries 872028
BC101
BC102
BC103
BC104
BC105
BC106
channel

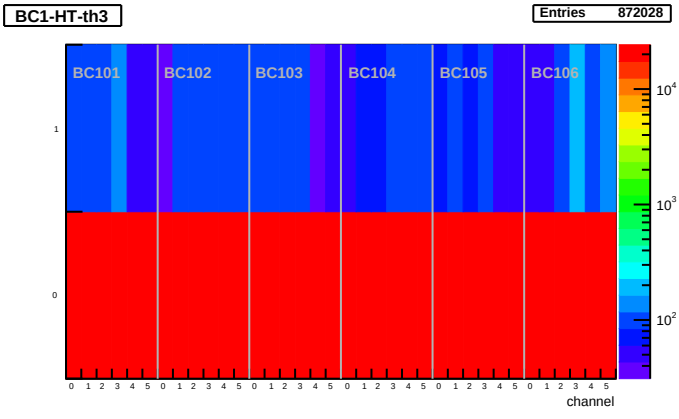

BC1-HT-th0-Diff
Entries 6929
BC101
BC102
BC103
BC104
BC105
BC106
channel

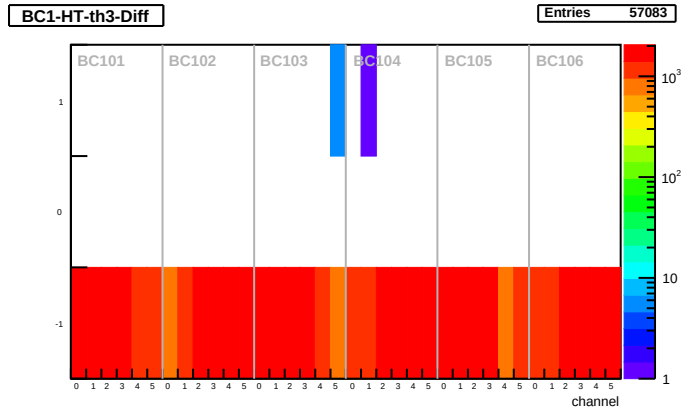

BC1-HT-th1
Entries 872028
BC101
BC102
BC103
BC104
BC105
BC106
channel

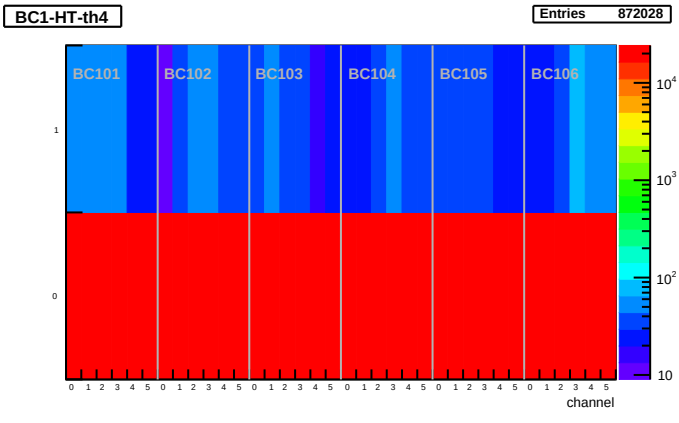

BC1-HT-th1-Diff
Entries 2898
BC101
BC102
BC103
BC104
BC105
BC106
channel

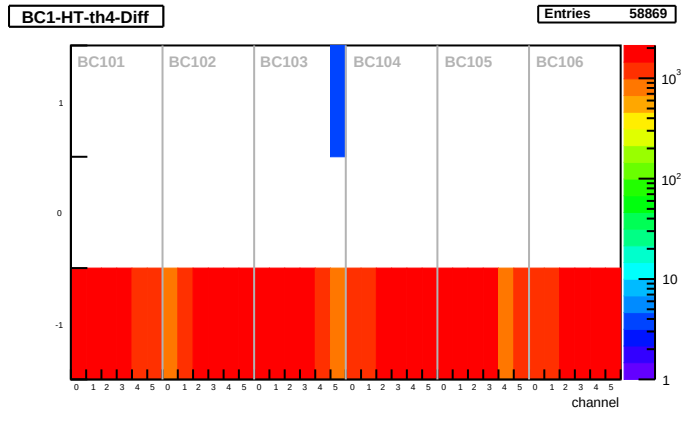

BC1-HT-th2
Entries 872028
BC101
BC102
BC103
BC104
BC105
BC106
channel

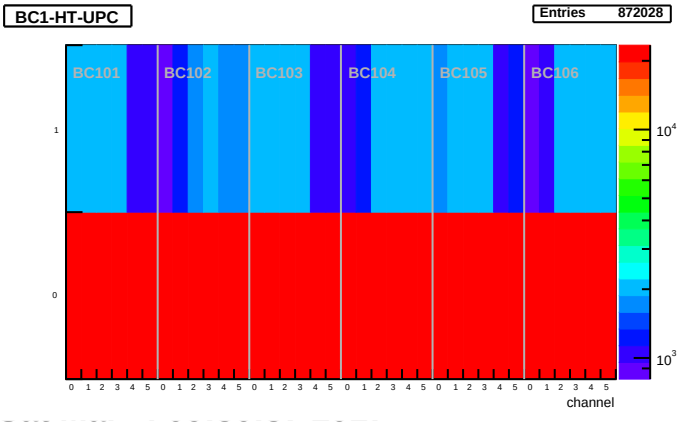

BC1-HT-th2-Diff
Entries 6098
BC101
BC102
BC103
BC104
BC105
BC106
channel

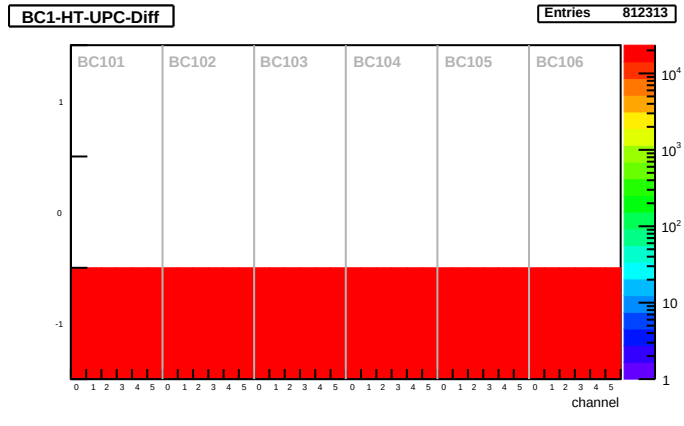

BC1-HT-th3
Entries 872028
BC101
BC102
BC103
BC104
BC105
BC106
channel

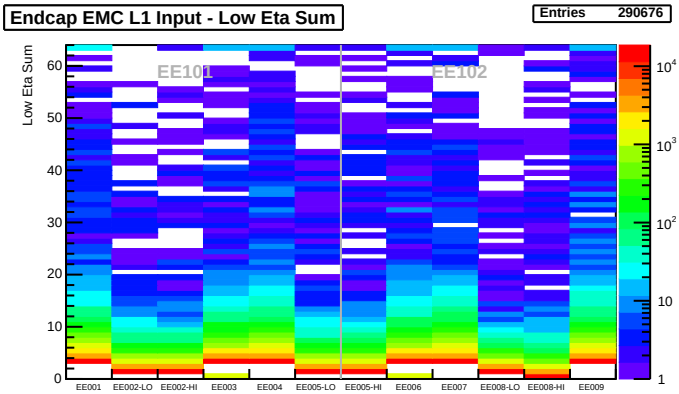

BC1-HT-th3-Diff
Entries 57083
BC101
BC102
BC103
BC104
BC105
BC106
channel

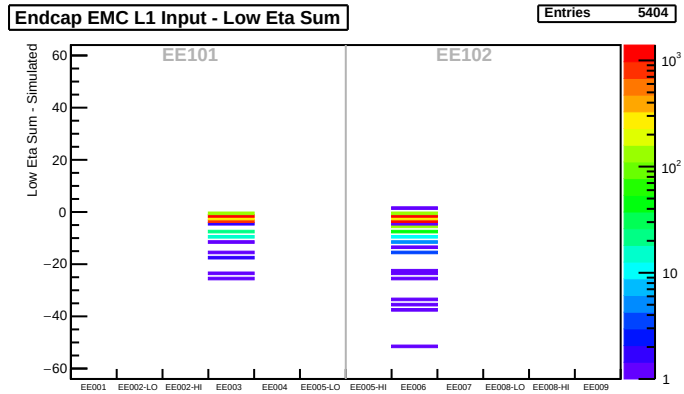

BC1-HT-th4
Entries 872028
BC101
BC102
BC103
BC104
BC105
BC106
channel

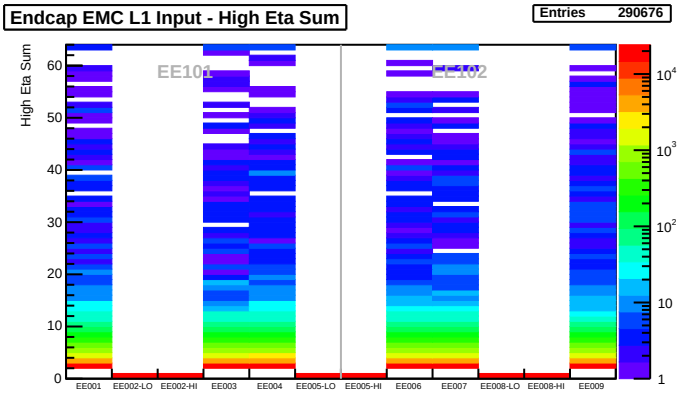

BC1-HT-th4-Diff
Entries 58869
BC101
BC102
BC103
BC104
BC105
BC106
channel

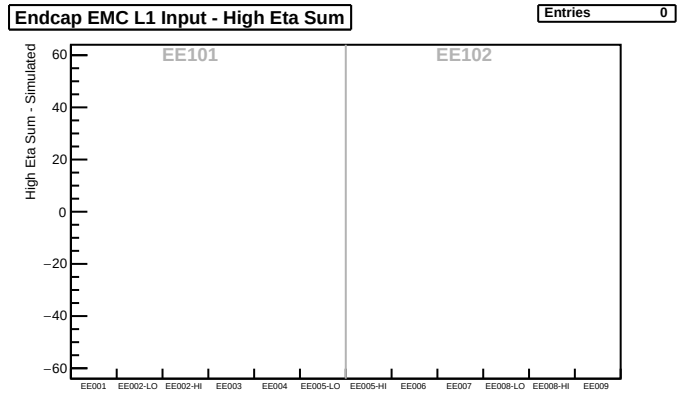

BC1-HT-UPC
Entries 872028
BC101
BC102
BC103
BC104
BC105
BC106
channel

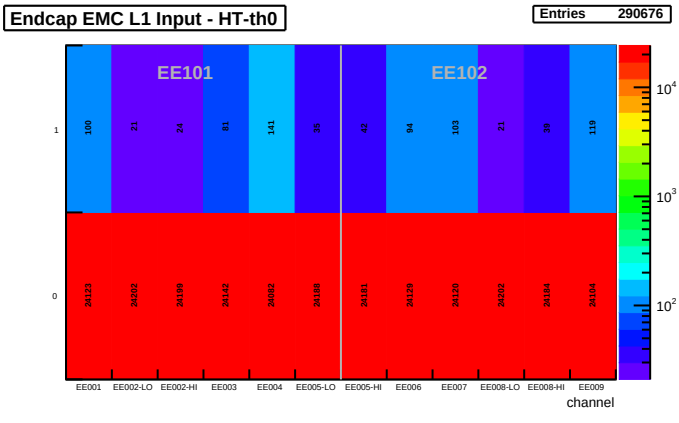

BC1-HT-UPC-Diff
Entries 812313
BC101
BC102
BC103
BC104
BC105
BC106
channel

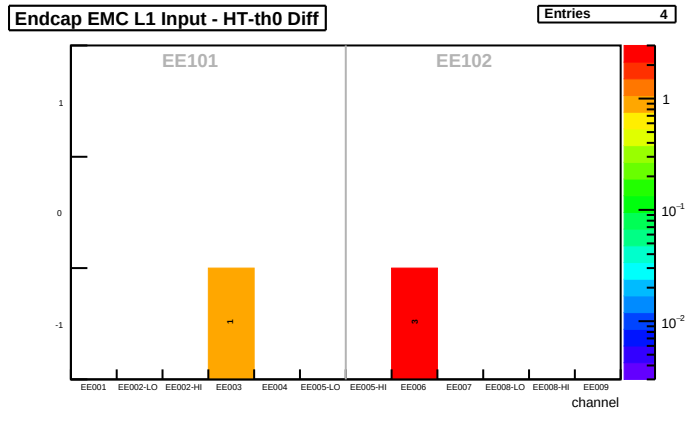

Endcap EMC L1 Input - Low Eta Sum
Entries 290676
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

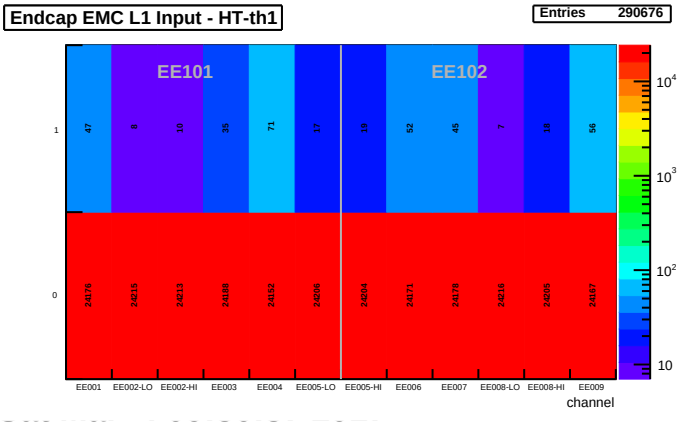

Endcap EMC L1 Input - Low Eta Sum
Entries 5404
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

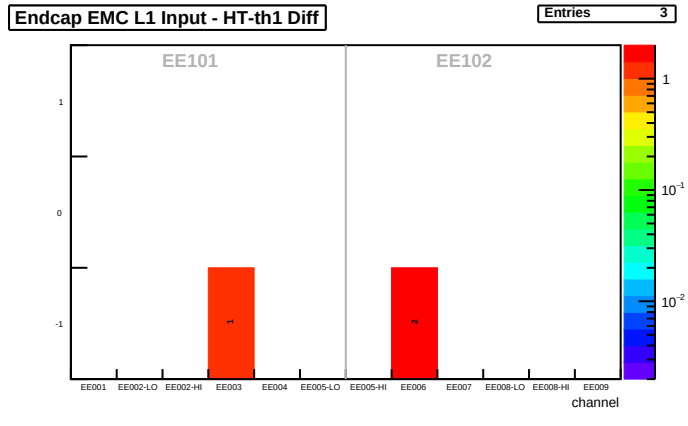

Endcap EMC L1 Input - High Eta Sum
Entries 290676
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

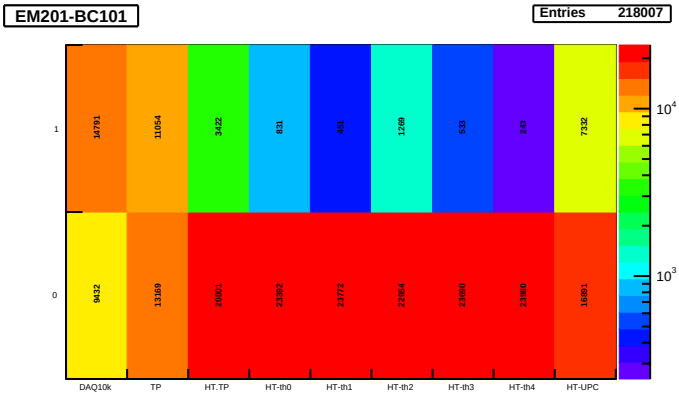

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

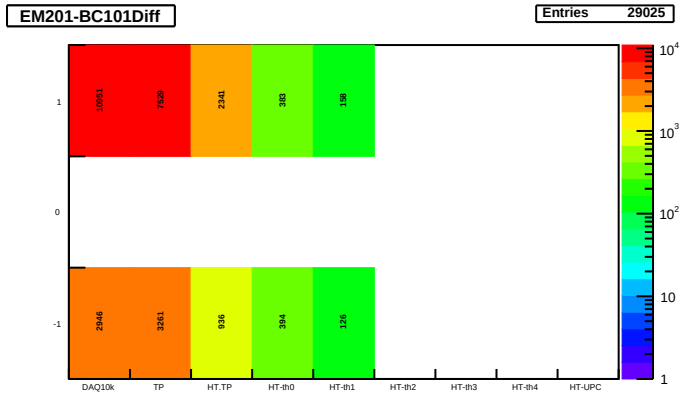

Endcap EMC L1 Input - HT-th0
Entries 290676
EE101
EE102
100 21 24 81 141 35 42 94 103 21 39 119
24123 24202 24199 24142 24082 24188 24181 24129 24120 24202 24184 24104
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

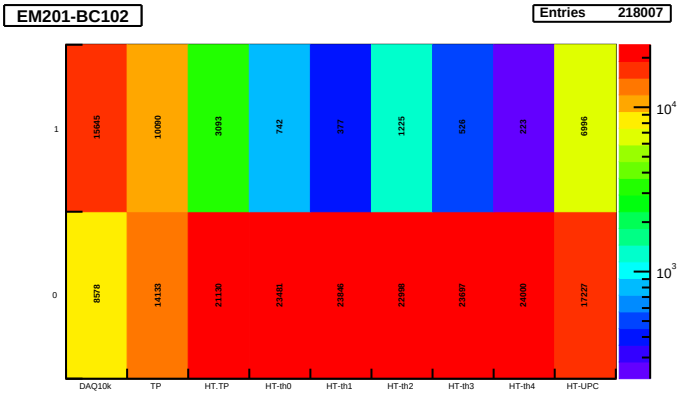

Endcap EMC L1 Input - HT-th0 Diff
Entries 4
EE101
EE102
1
3
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

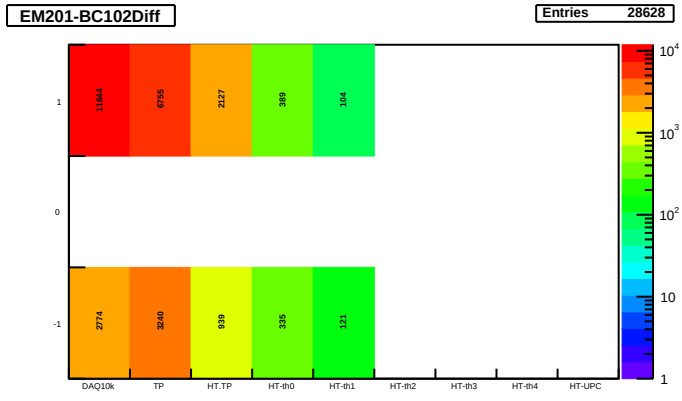

Endcap EMC L1 Input - HT-th1
Entries 290676
EE101
EE102
47 8 10 35 71 17 19 52 45 7 18 56
24176 24215 24213 24188 24152 24206 24204 24171 24178 24216 24205 24167
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

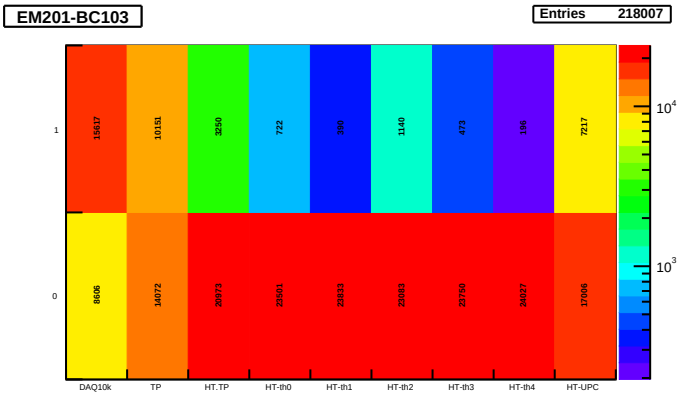

Endcap EMC L1 Input - HT-th1 Diff
Entries 3
EE101
EE102
1
2
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

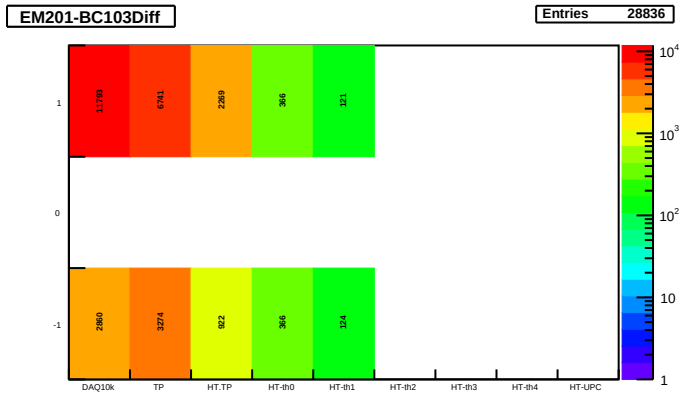

EM201-BC101
Entries 218007
1
0
14791
11054
3422
831
451
1269
533
243
7332
9432
13169
20901
23392
23772
22954
23090
23980
16801
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3

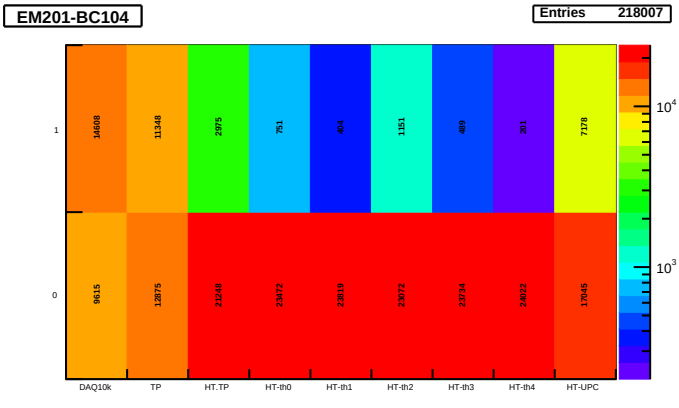

EM201-BC101Diff
Entries 29025
1
0
-1
10951
7529
2341
383
158
2946
3261
936
394
126
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

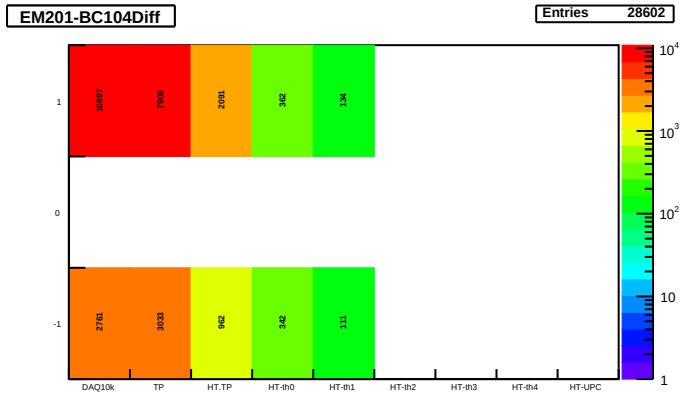

EM201-BC102
Entries 218007
1
0
15645
10090
3093
742
377
1225
526
223
6996
8578
14133
21130
23481
23846
22998
23697
24000
17227
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3


EM201-BC102Diff
Entries 28628
1
0
-1
11844
6755
2127
389
104
2774
3240
939
335
121
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

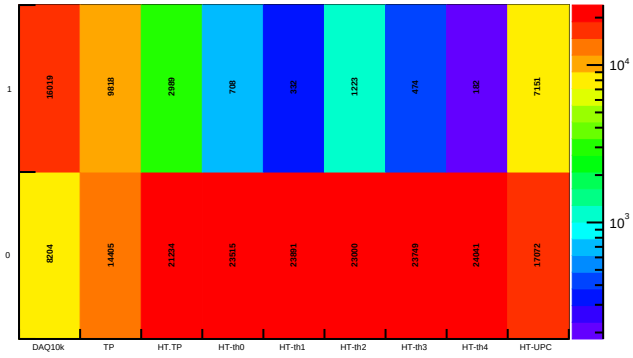

EM201-BC103
Entries 218007
1
0
15617
10151
3250
722
390
1140
473
196
7217
8606
14072
20973
23501
23833
23083
23750
24027
17006
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3


EM201-BC103Diff
Entries 28836
1
0
-1
11793
6741
2369
366
121
2860
3274
922
366
124
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

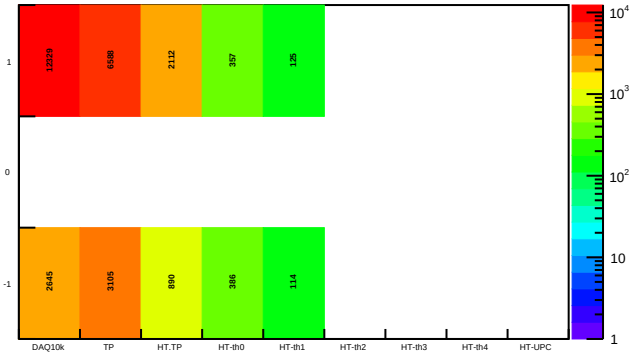

EM201-BC104
Entries 218007
1
0
14608
11348
2975
751
404
1151
489
201
7178
9615
12875
21248
23472
23819
23072
23734
24022
17045
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3


EM201-BC104Diff
Entries 28602
1
0
-1
10897
7900
2091
362
134
2761
3033
962
342
111
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

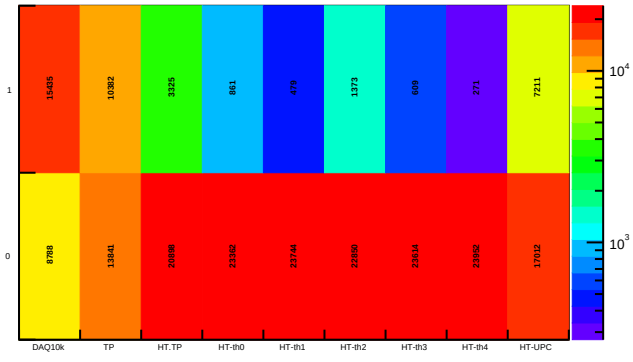
EM201-BC105 Entries 218007



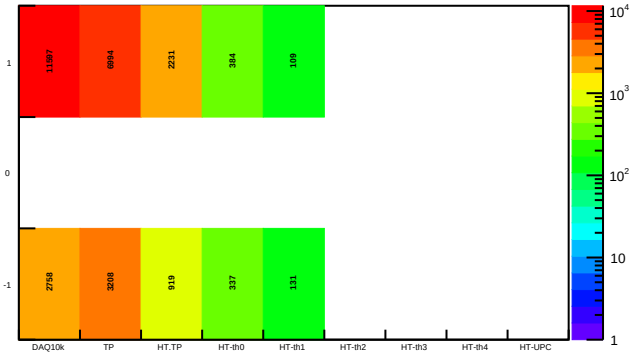
EM201-BC105Diff Entries 28651



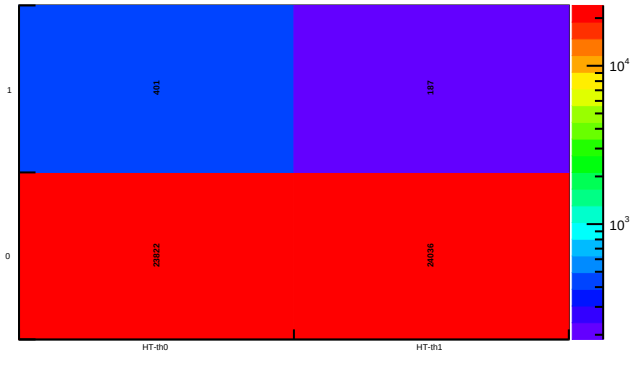
EM201-BC106 Entries 218007



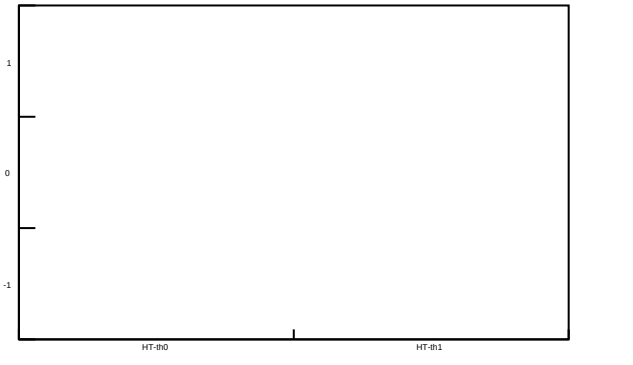
EM201-BC106Diff Entries 28668



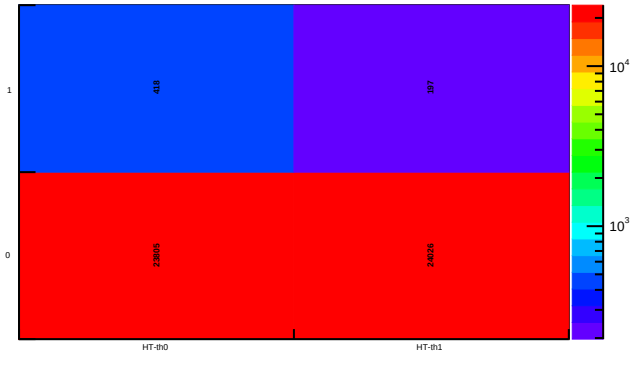
EM201-EE101 Entries 48446



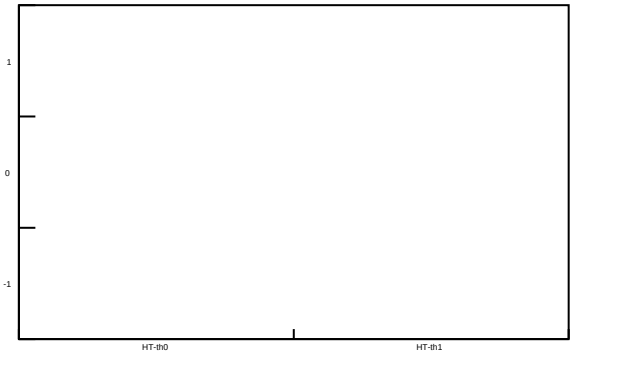
EM201-EE101Diff Entries 0

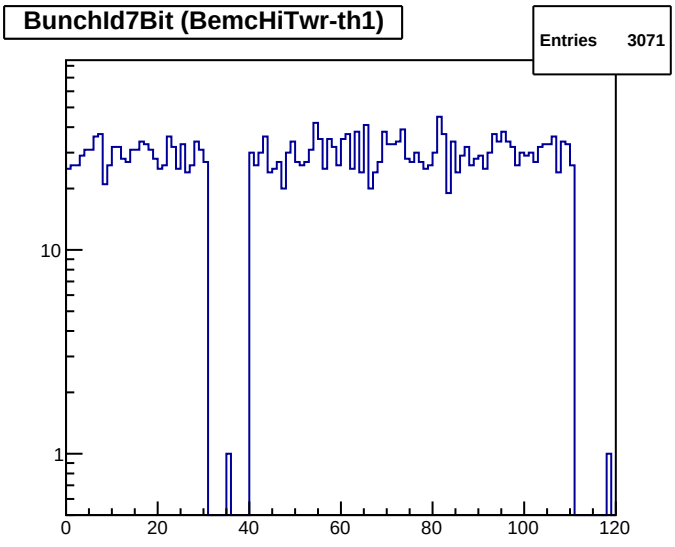


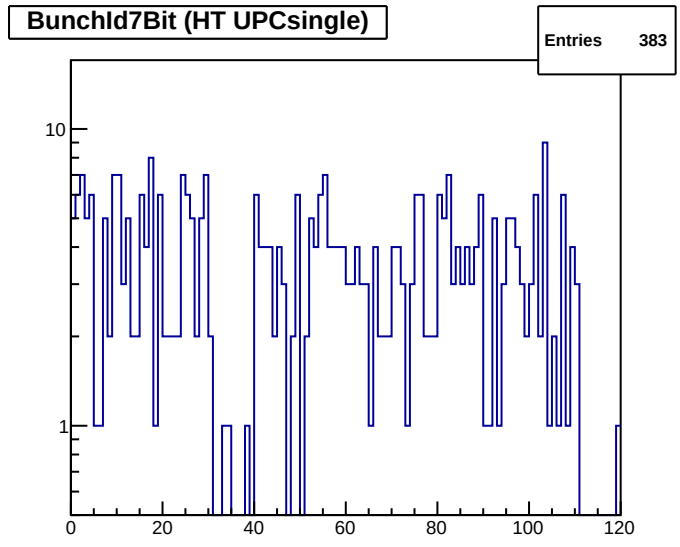
EM201-EE102 Entries 48446

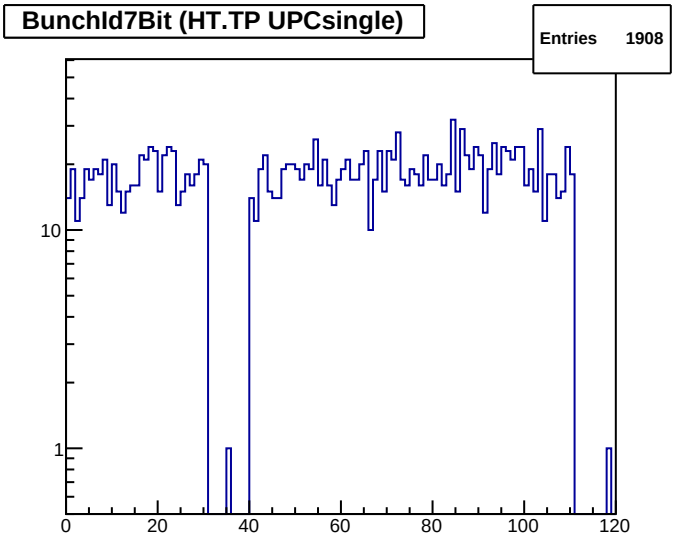


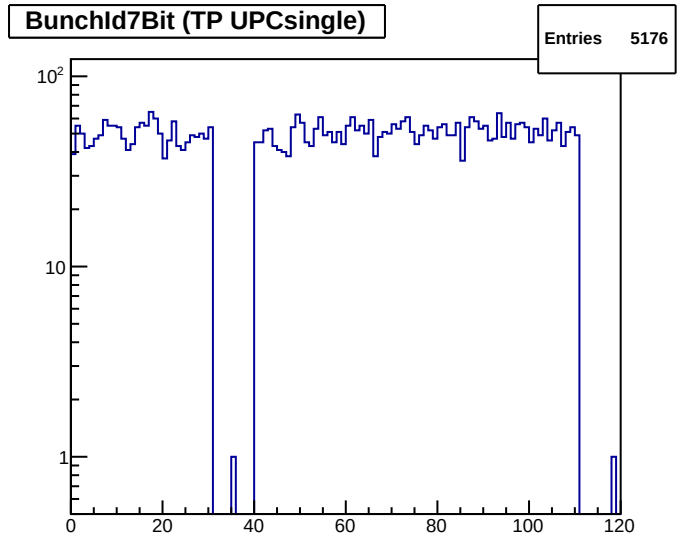
EM201-EE102Diff Entries 0

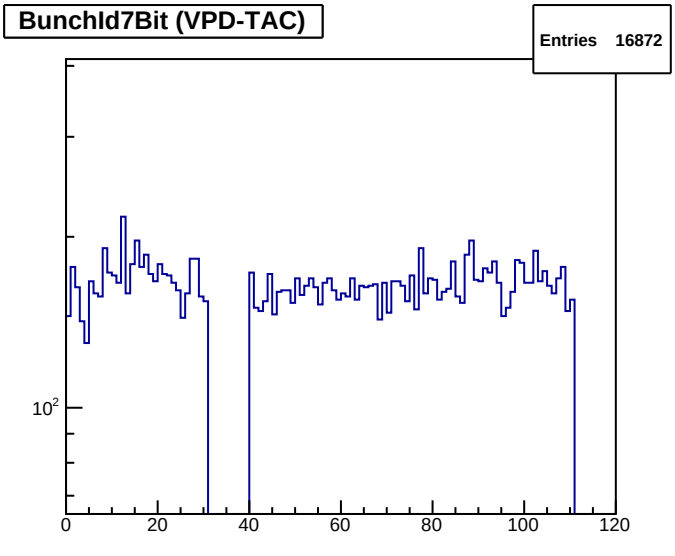


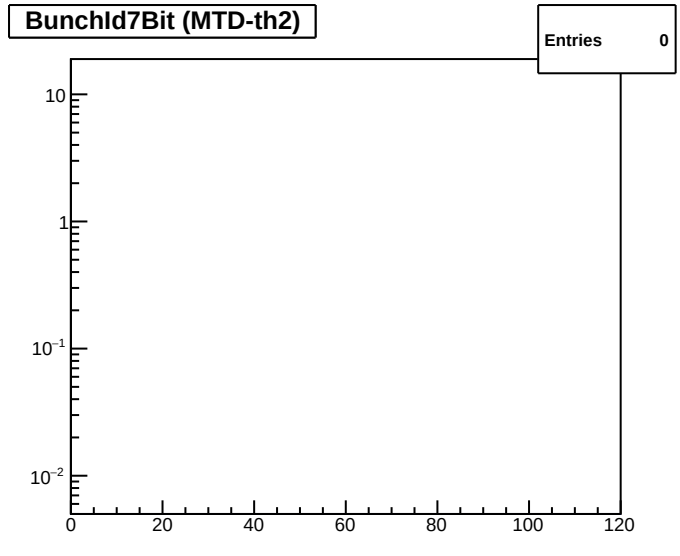

BunchId7Bit (BemcHiTwr-th1)
Entries 3071
10
1
0
20
40
60
80
100
120

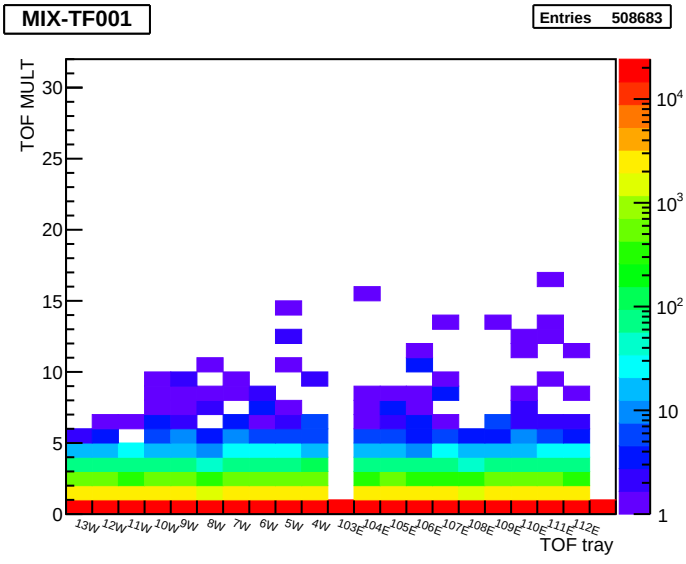

BunchId7Bit (HT UPCsingle)
Entries 383
10
1
0
20
40
60
80
100
120

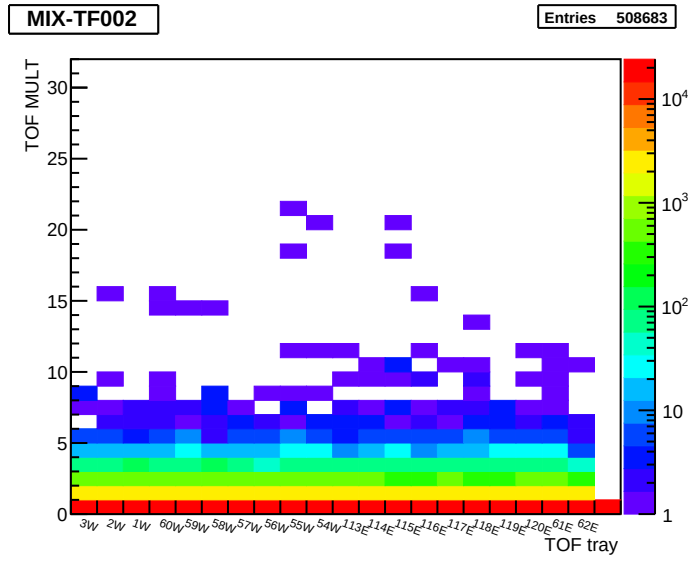

BunchId7Bit (HT.TP UPCsingle)
Entries 1908
10
1
0
20
40
60
80
100
120

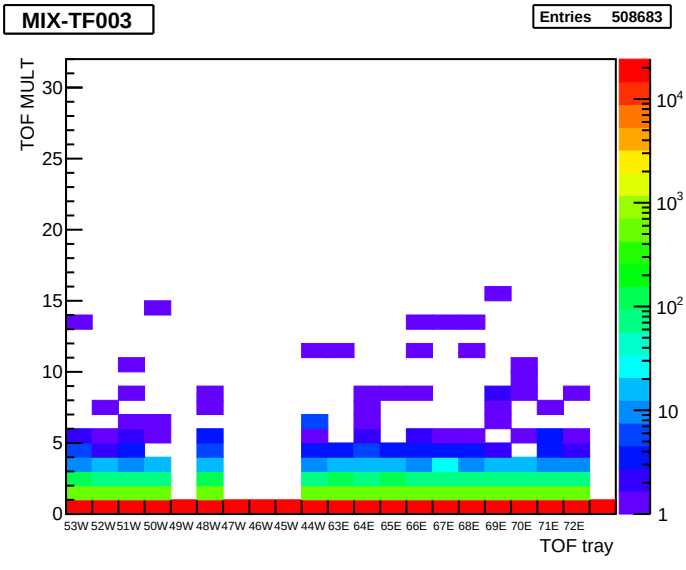

BunchId7Bit (TP UPCsingle)
Entries 5176
10^2
10
1
0
20
40
60
80
100
120

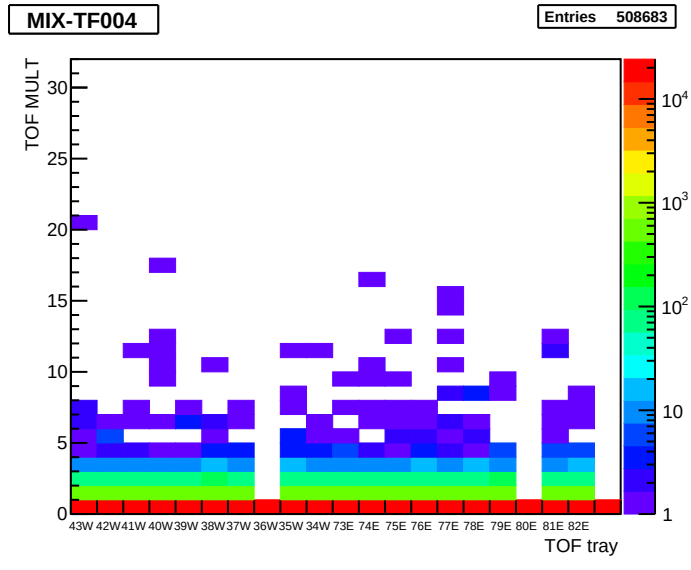

BunchId7Bit (VPD-TAC)
Entries 16872
10^2
0
20
40
60
80
100
120

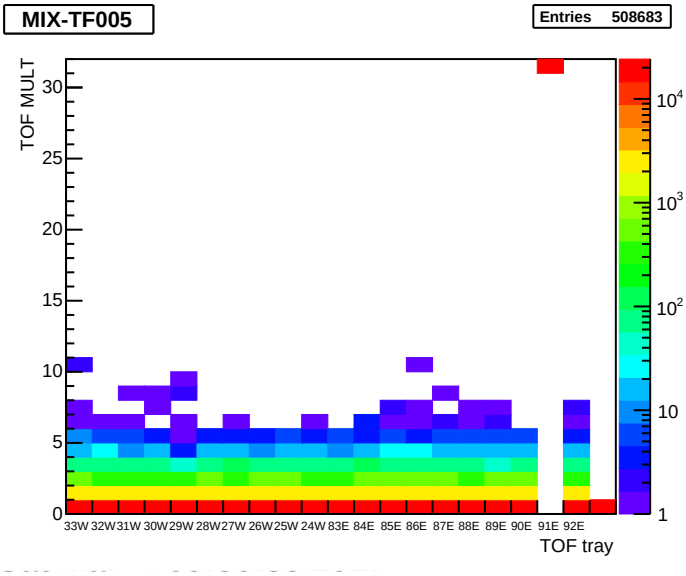

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0
20
40
60
80
100
120

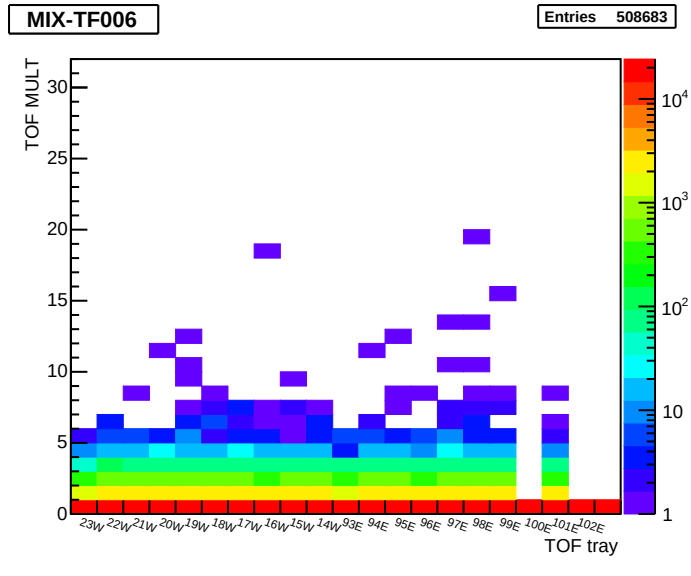

MIX-TF001
Entries 508683
TOF MULT
TOF tray

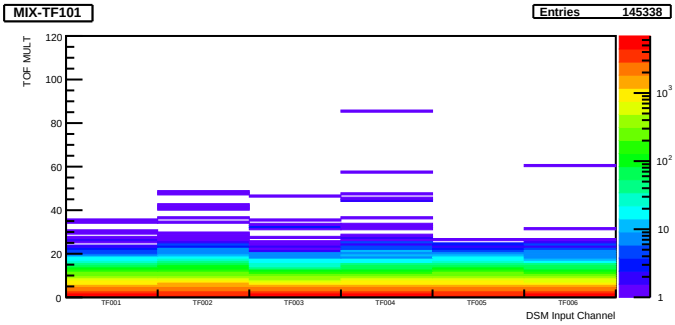

MIX-TF002
Entries 508683
TOF MULT
TOF tray

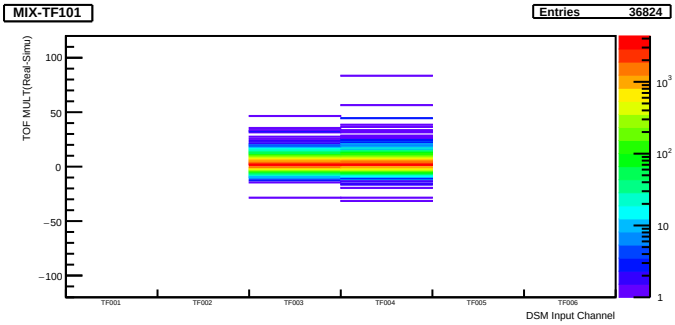

MIX-TF003
Entries 508683
TOF MULT
TOF tray

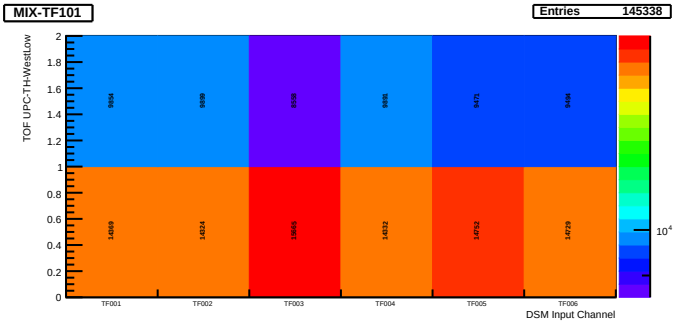

MIX-TF004
Entries 508683
TOF MULT
TOF tray

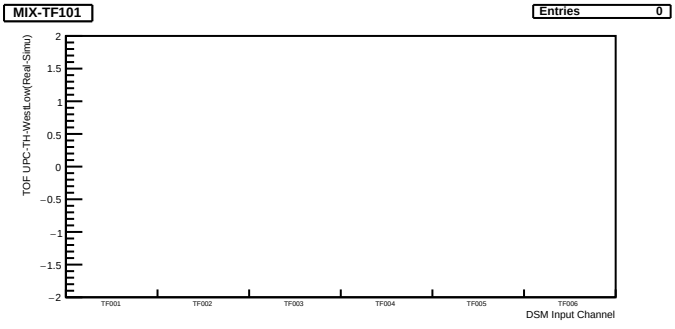

MIX-TF005
Entries 508683
TOF MULT
TOF tray

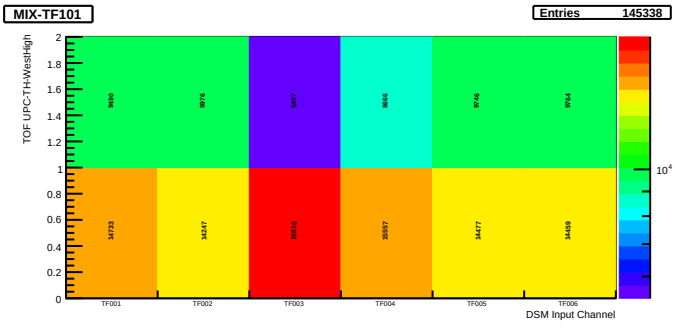

MIX-TF006
Entries 508683
TOF MULT
TOF tray

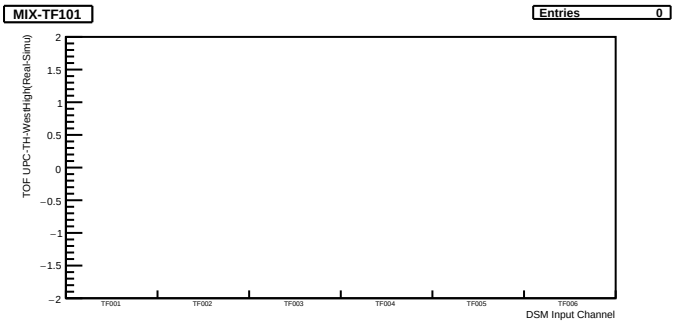

MIX-TF101
Entries 145338
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

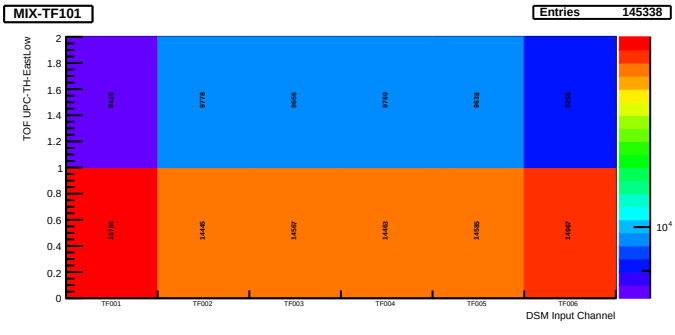

MIX-TF101
Entries 36824
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

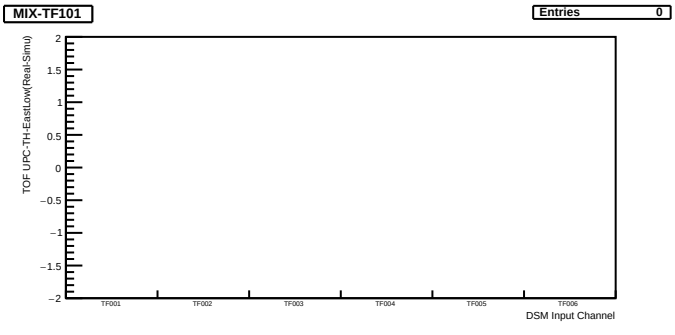

MIX-TF101
Entries 145338
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

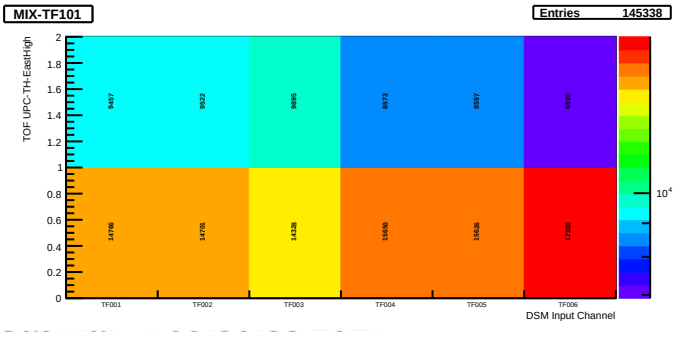

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

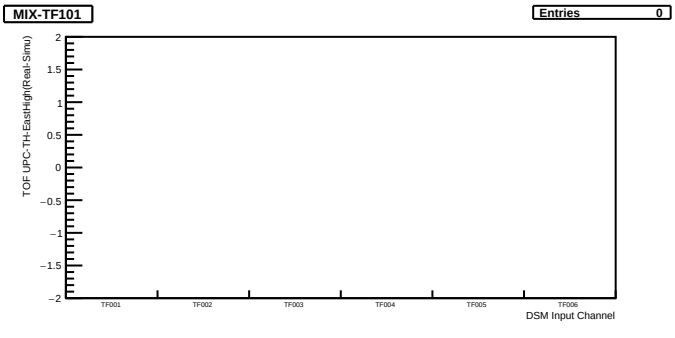

MIX-TF101
Entries 145338
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

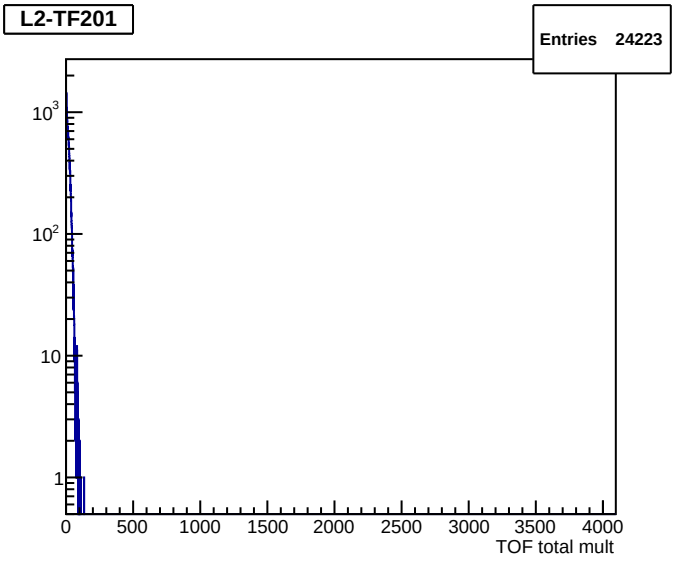

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

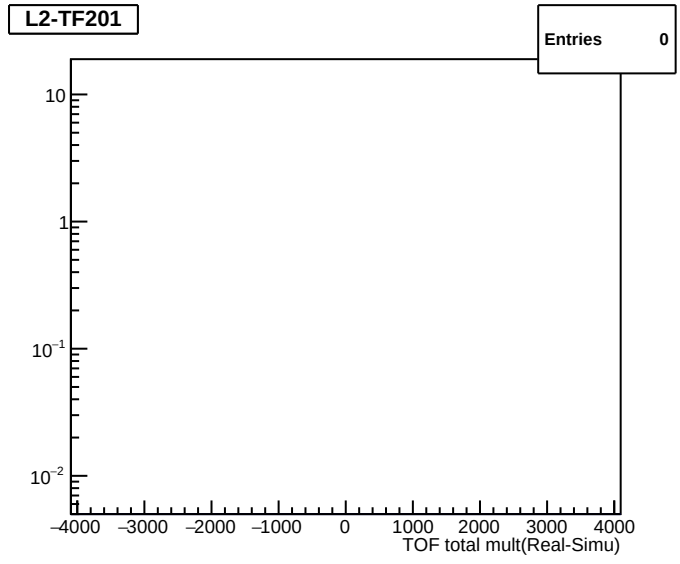

MIX-TF101
Entries 145338
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

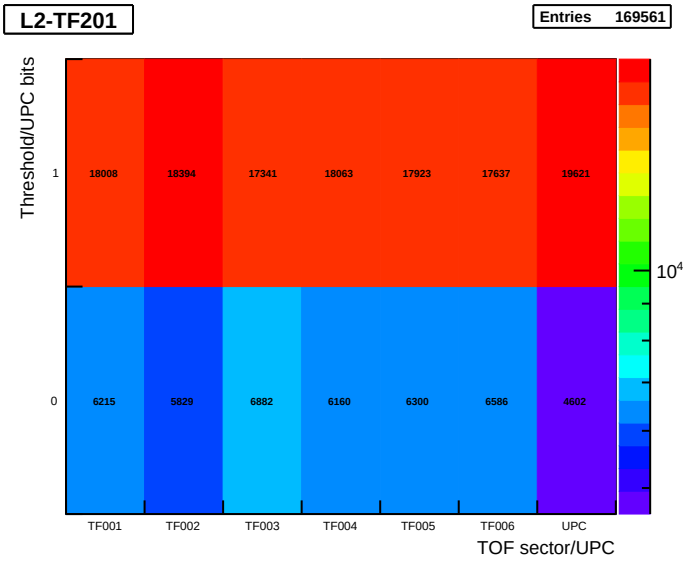

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

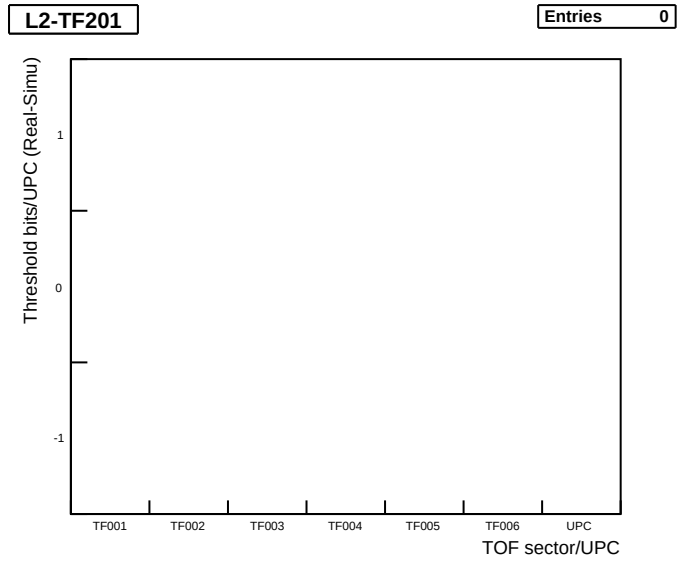

MIX-TF101
Entries 145338
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

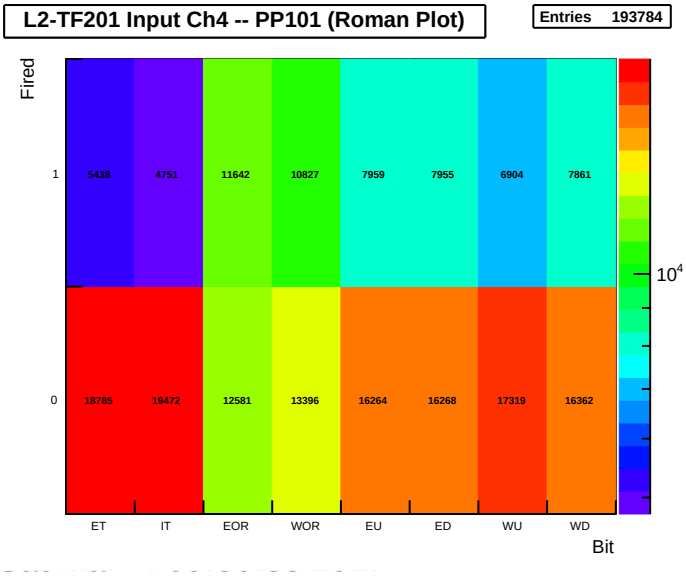

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

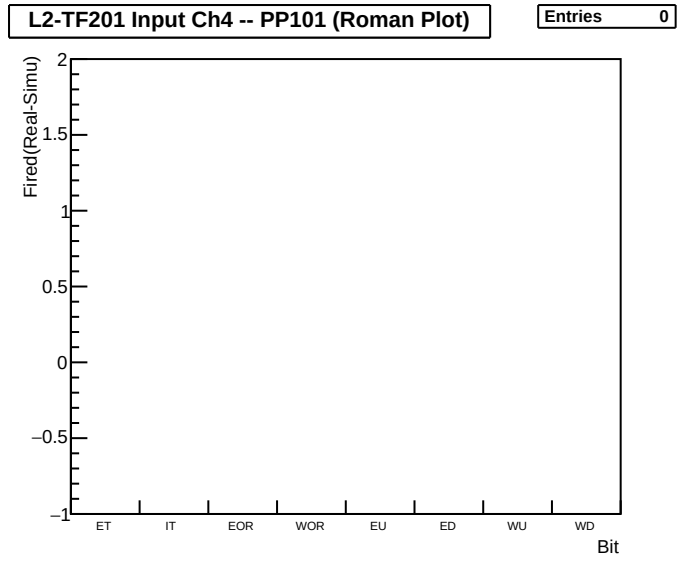

L2-TF201
Entries 24223
TOF total mult

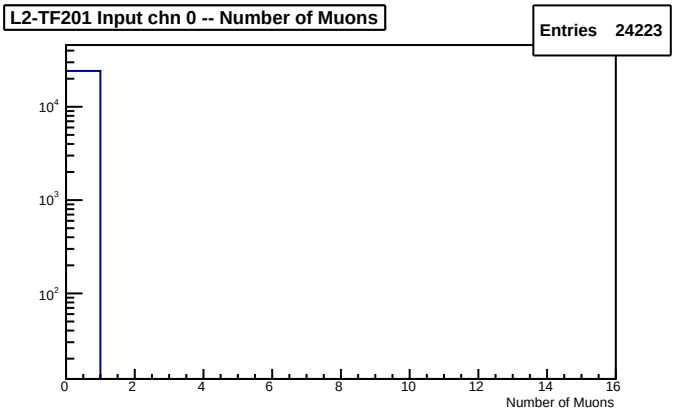

L2-TF201
Entries 0
TOF total mult(Real-Simu)

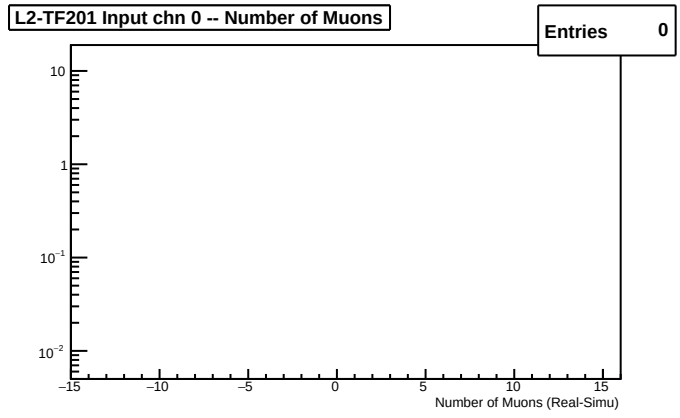

L2-TF201
Entries 169561
Threshold/UPC bits
18008
18394
17341
18063
17923
17637
19621
6215
5829
6882
6160
6300
6586
4602
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

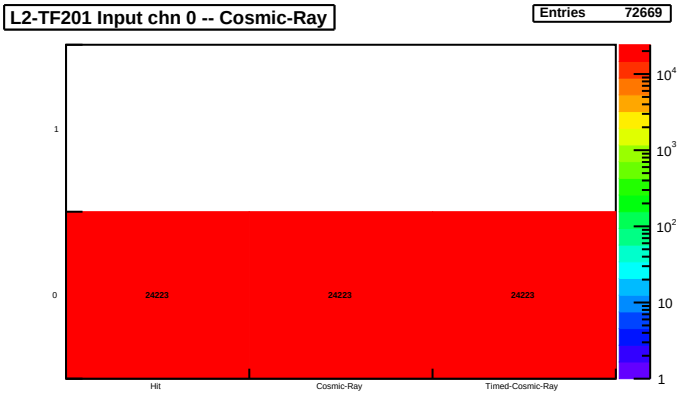

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

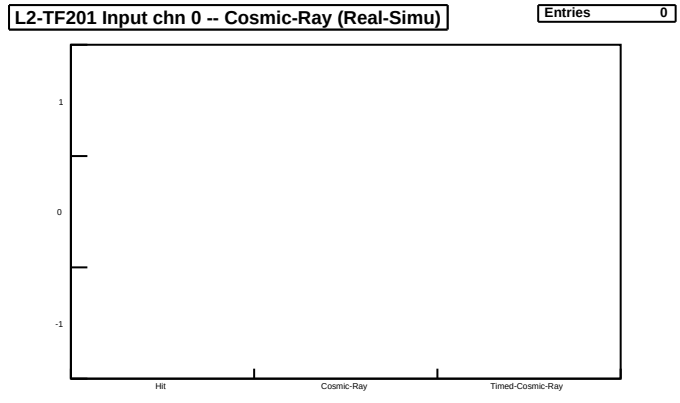

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 193784
Fired
5438
4751
11642
10827
7959
7955
6904
7861
18785
19472
12581
13396
16264
16268
17319
16362
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

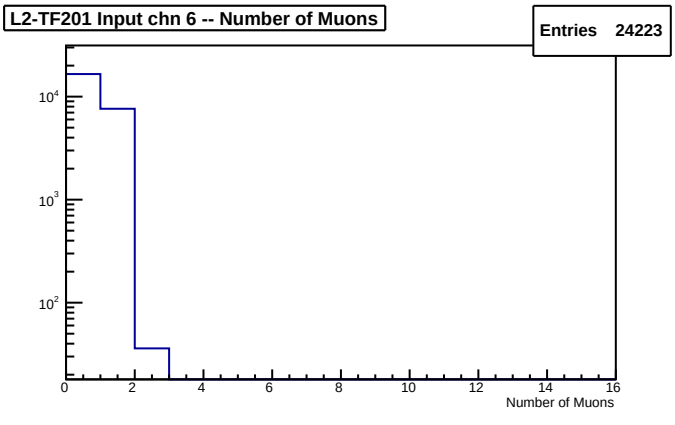

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

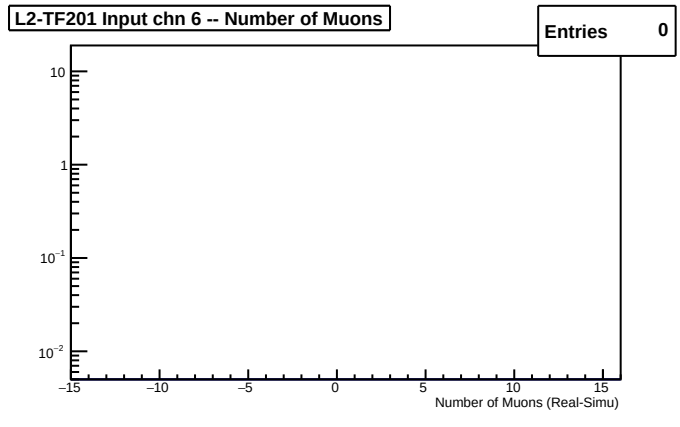

L2-TF201 Input chn 0 -- Number of Muons
Entries 24223
Number of Muons

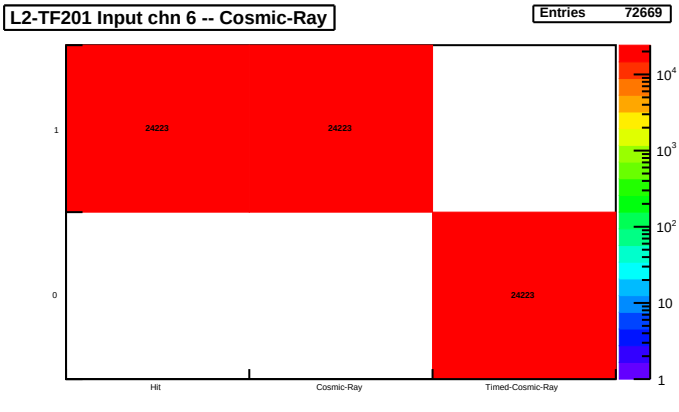

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

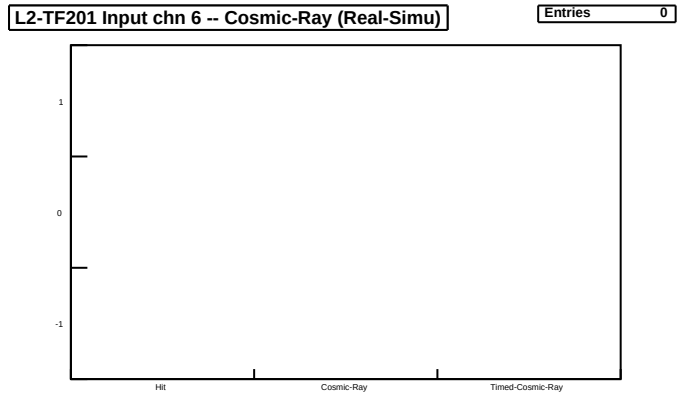

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 72669
24223
24223
24223
Hit
Cosmic-Ray
Timed-Cosmic-Ray

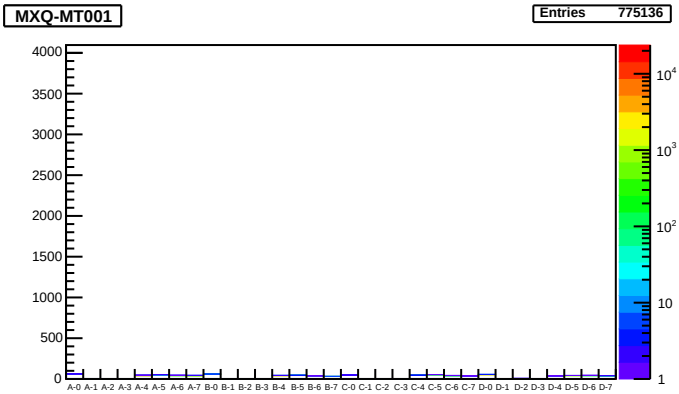

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

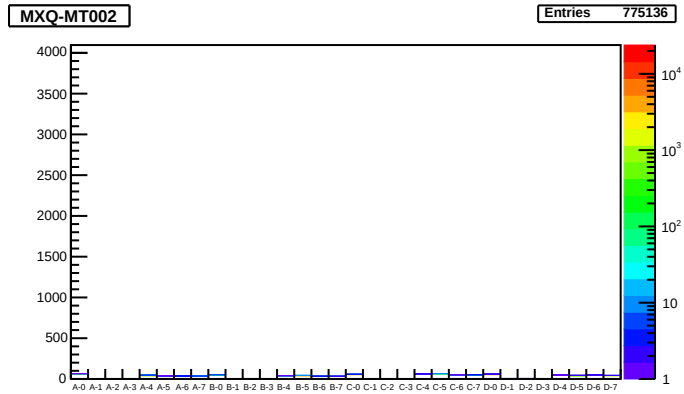

L2-TF201 Input chn 6 -- Number of Muons
Entries 24223
Number of Muons

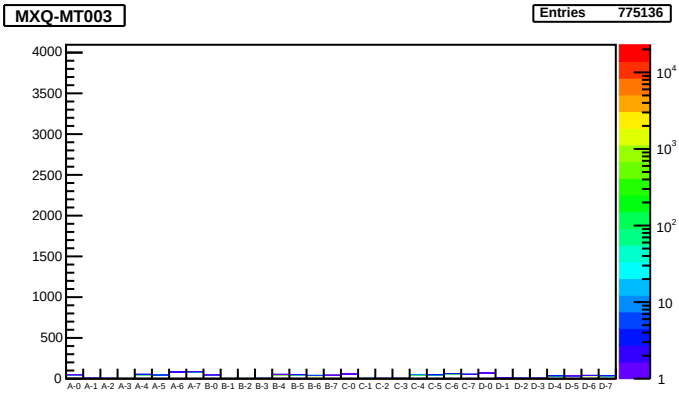

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

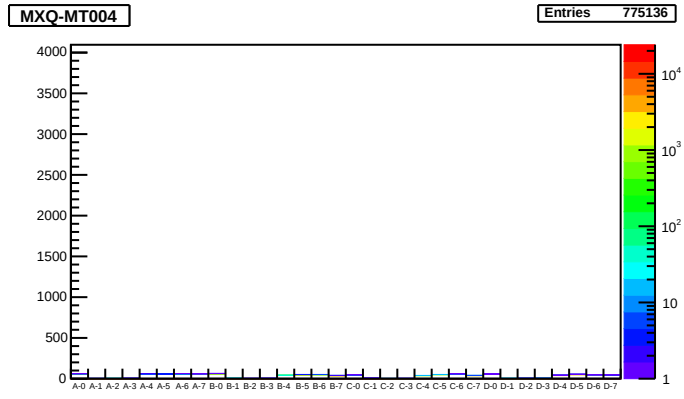

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 72669
24223
24223
24223
Hit
Cosmic-Ray
Timed-Cosmic-Ray

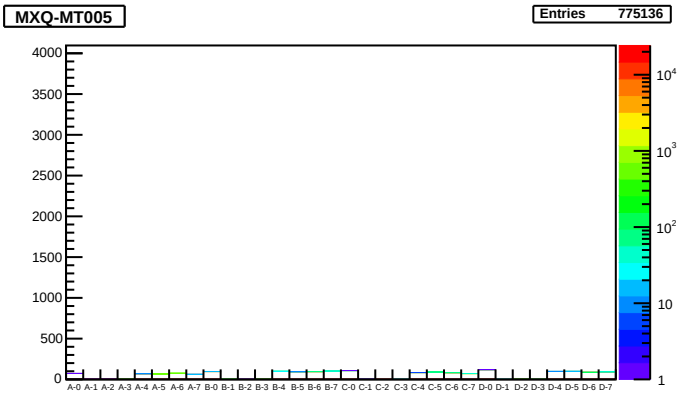

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

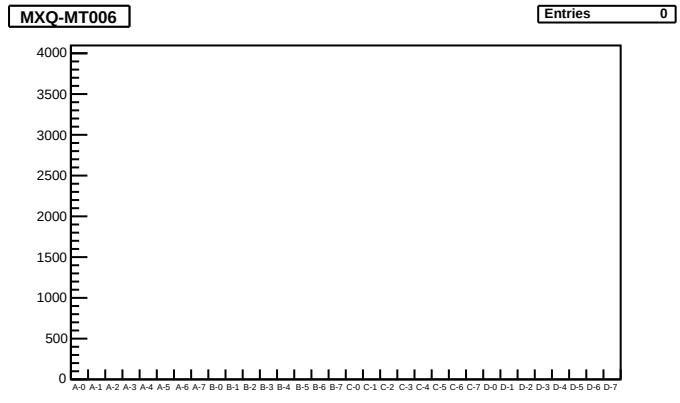

MXQ-MT001
Entries 775136

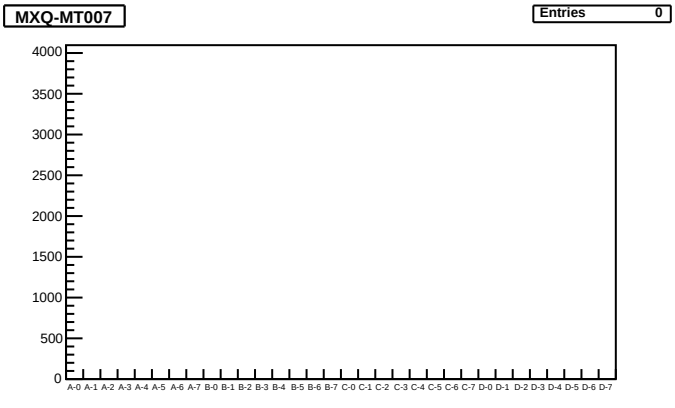

MXQ-MT002
Entries 775136

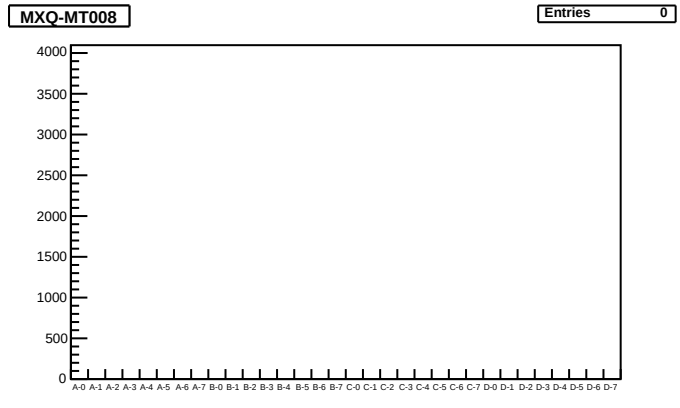

MXQ-MT003
Entries 775136

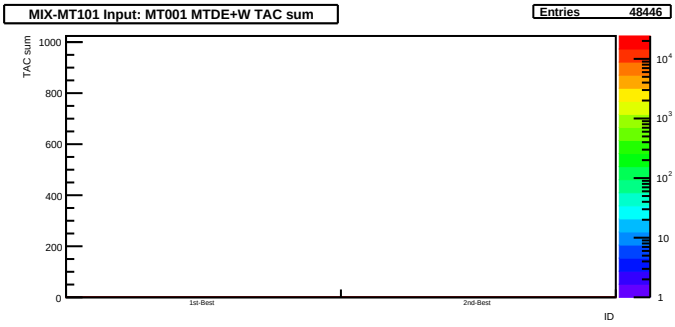

MXQ-MT004
Entries 775136

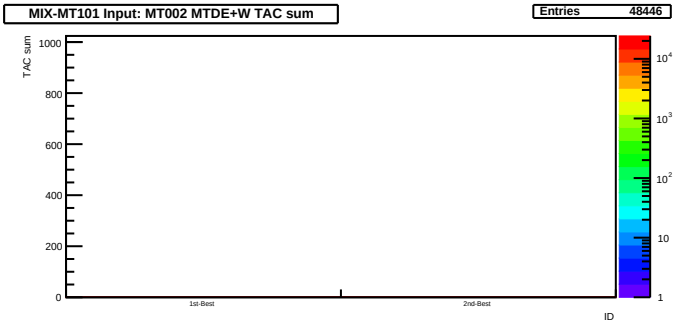

MXQ-MT005
Entries 775136

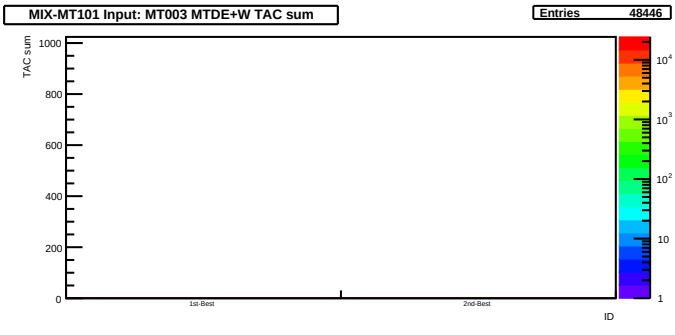

MXQ-MT006
Entries 0

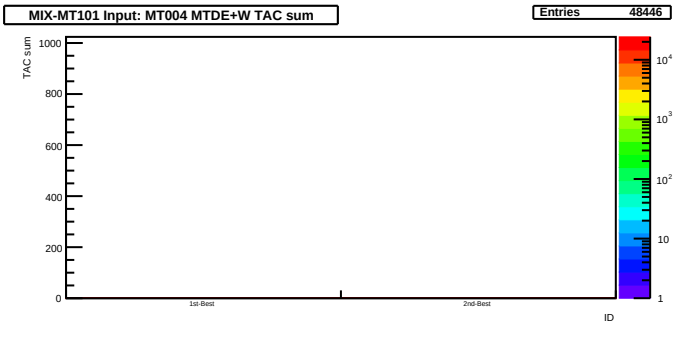

MXQ-MT007
Entries 0

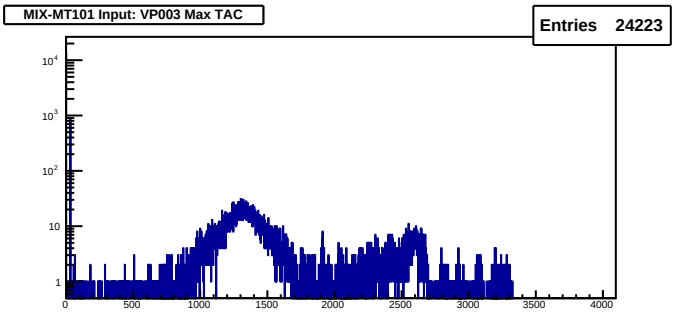

MXQ-MT008
Entries 0

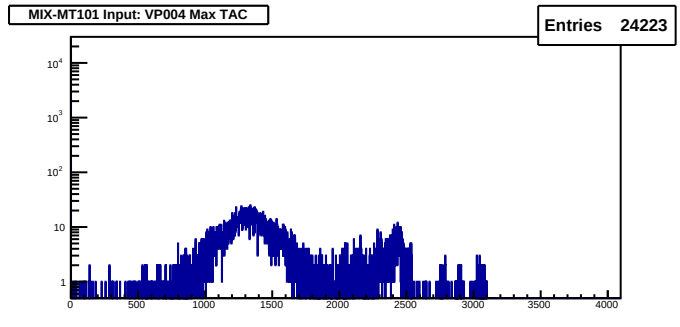

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 48446
TAC sum
1st-Best
2nd-Best
ID

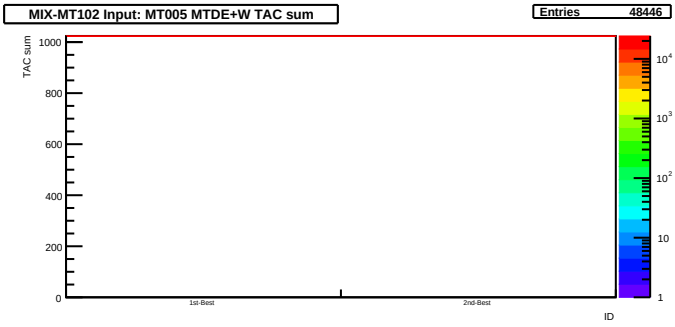

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 48446
TAC sum
1st-Best
2nd-Best
ID

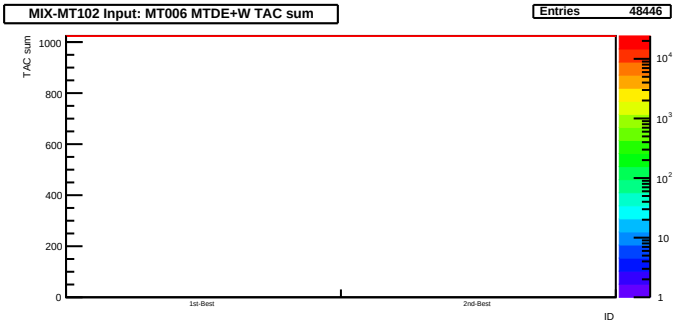

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 48446
TAC sum
1st-Best
2nd-Best
ID

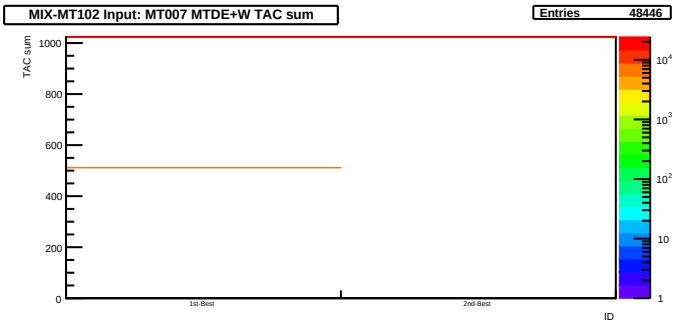

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 48446
TAC sum
1st-Best
2nd-Best
ID

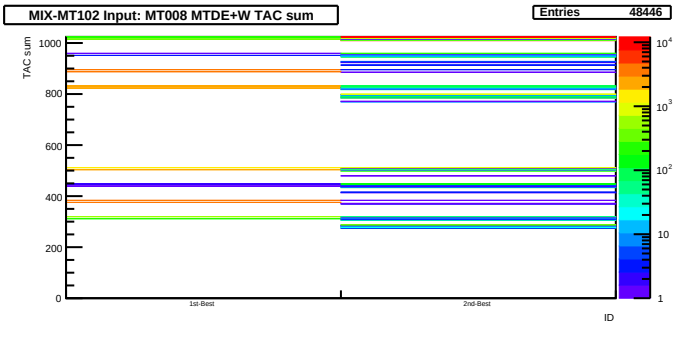

MIX-MT101 Input: VP003 Max TAC
Entries 24223

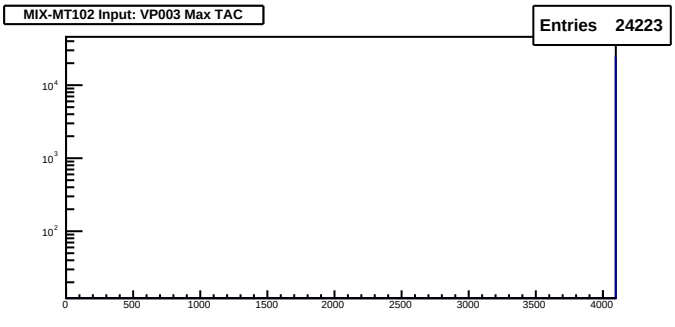

MIX-MT101 Input: VP004 Max TAC
Entries 24223

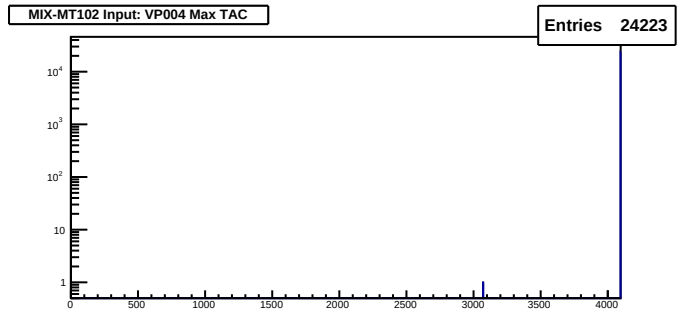

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 48446
TAC sum
1st-Best
2nd-Best
ID

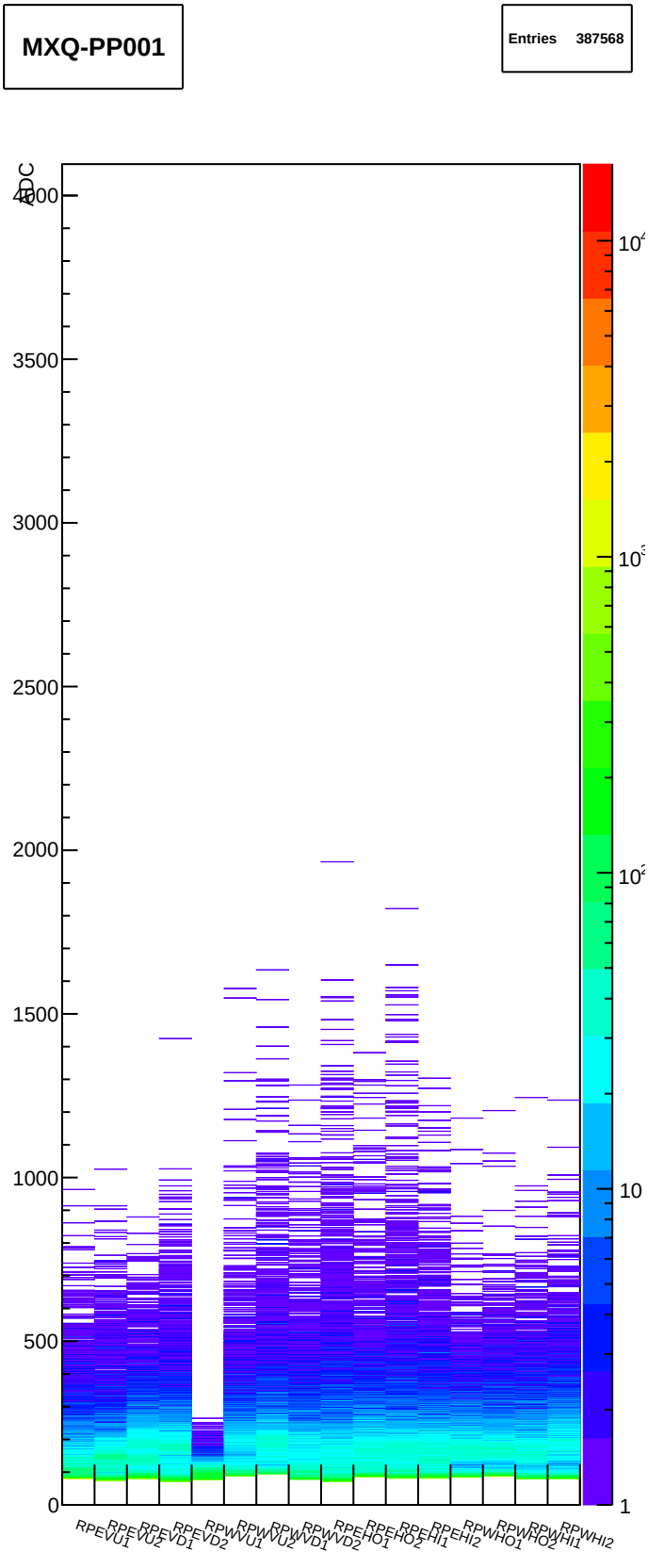

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 48446
TAC sum
1st-Best
2nd-Best
ID

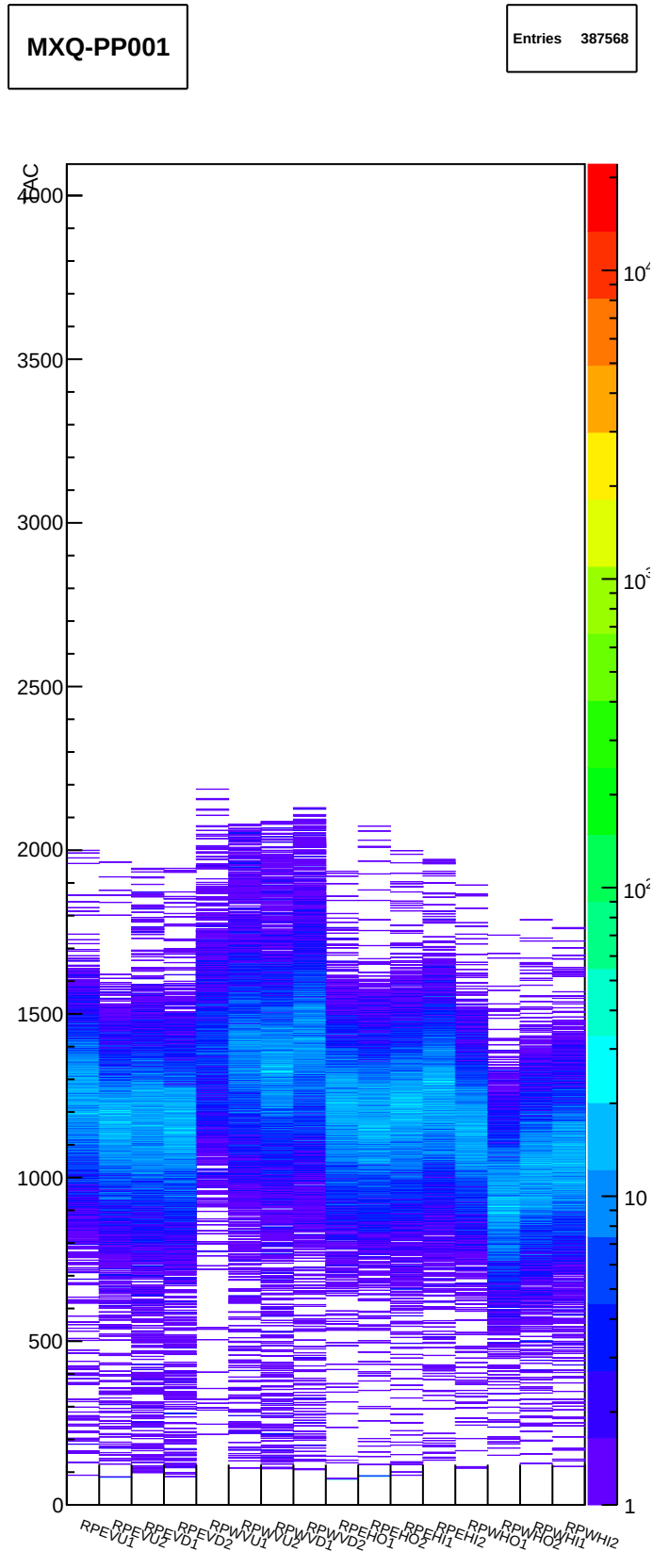

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 48446
TAC sum
1st-Best
2nd-Best
ID

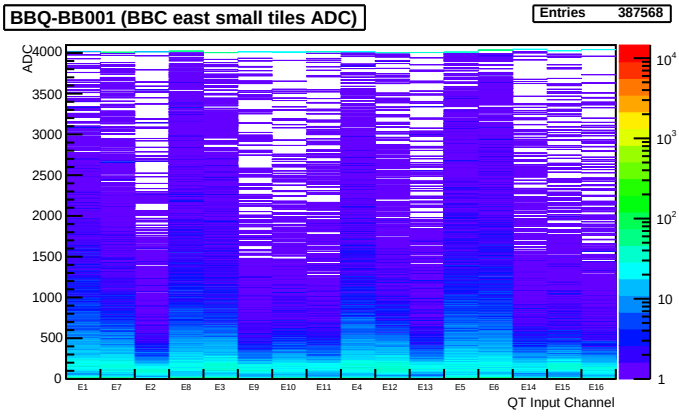

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 48446
TAC sum
1st-Best
2nd-Best
ID

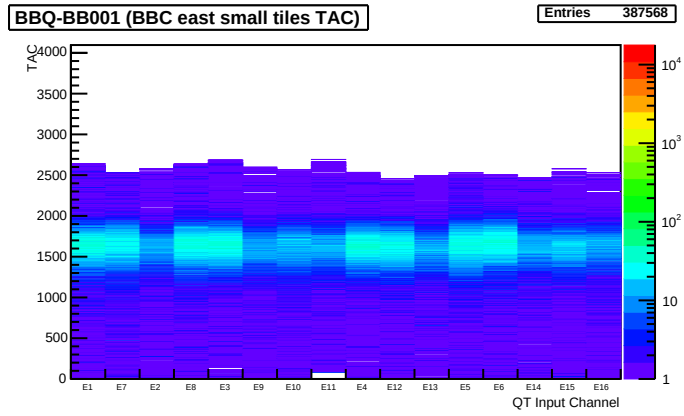

MIX-MT102 Input: VP003 Max TAC
Entries 24223

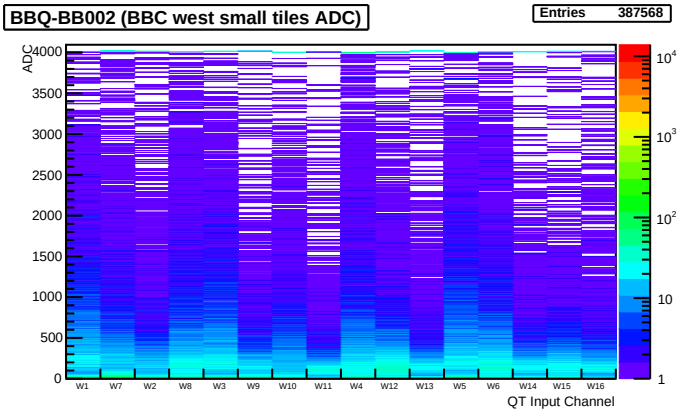

MIX-MT102 Input: VP004 Max TAC
Entries 24223

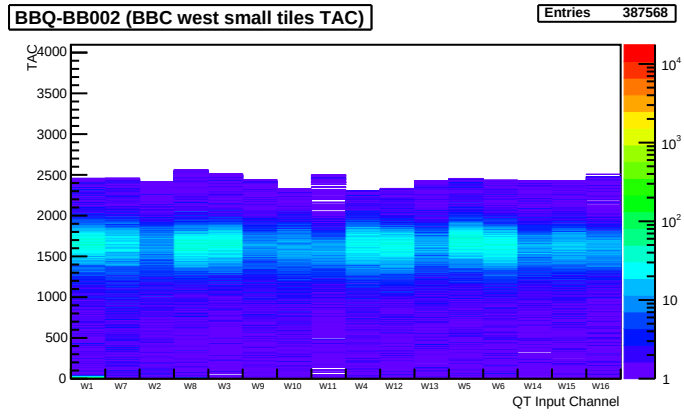

MXQ-PP001
Entries 387568
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

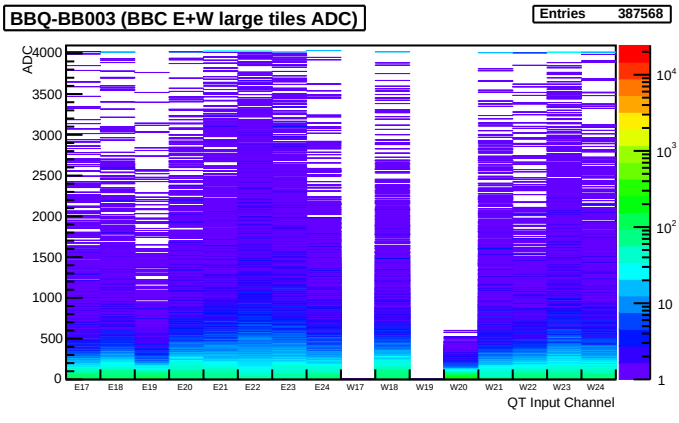

MXQ-PP001
Entries 387568
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

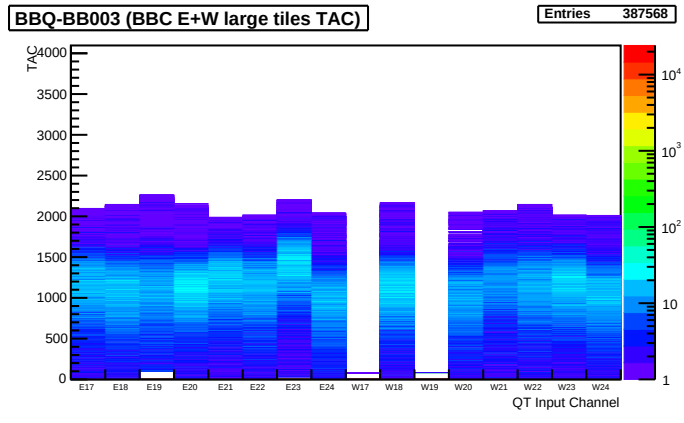

BBQ-BB001 (BBC east small tiles ADC)
Entries 387568
ADC
QT Input Channel

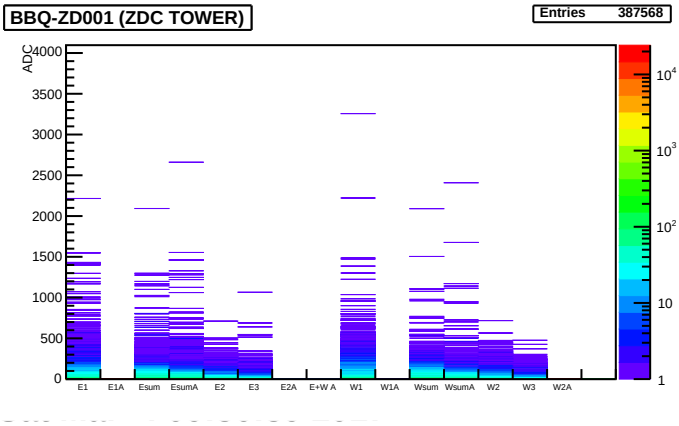

BBQ-BB001 (BBC east small tiles TAC)
Entries 387568
TAC
QT Input Channel

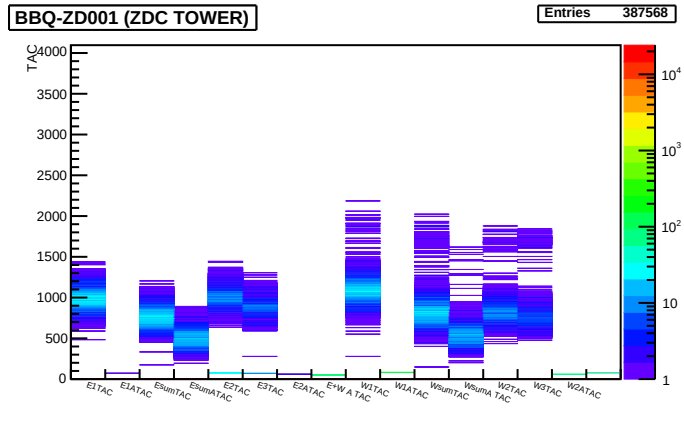

BBQ-BB002 (BBC west small tiles ADC)
Entries 387568
ADC
QT Input Channel

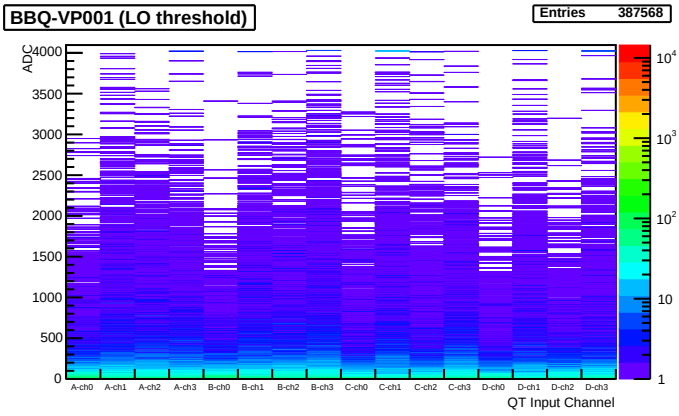

BBQ-BB002 (BBC west small tiles TAC)
Entries 387568
TAC
QT Input Channel

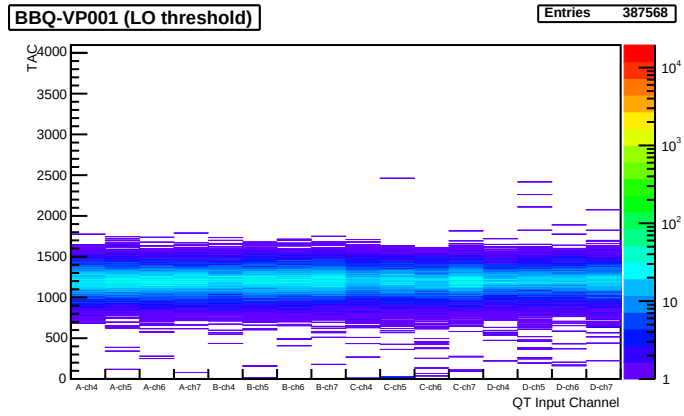

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 387568
ADC
QT Input Channel

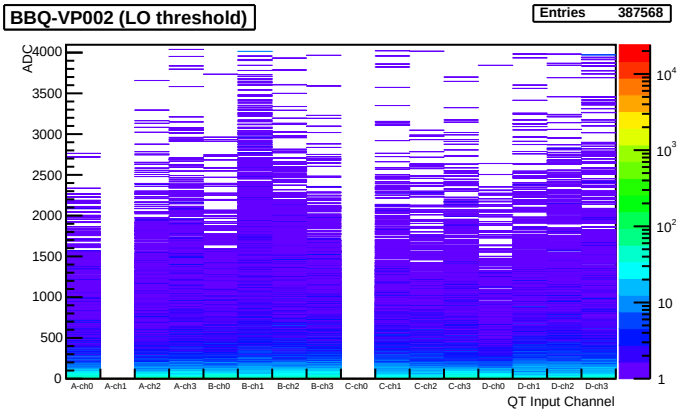

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 387568
TAC
QT Input Channel

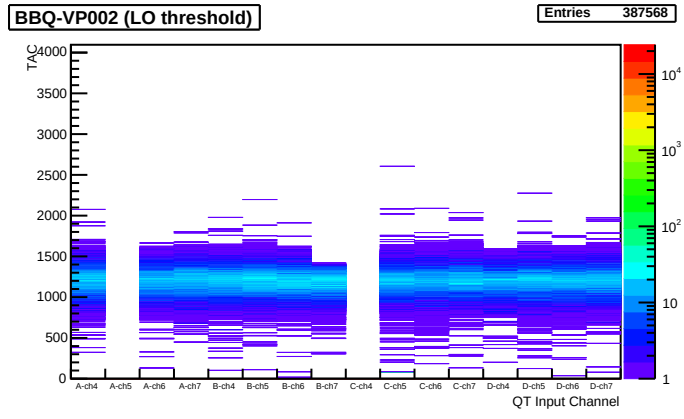

BBQ-ZD001 (ZDC TOWER)
Entries 387568
ADC

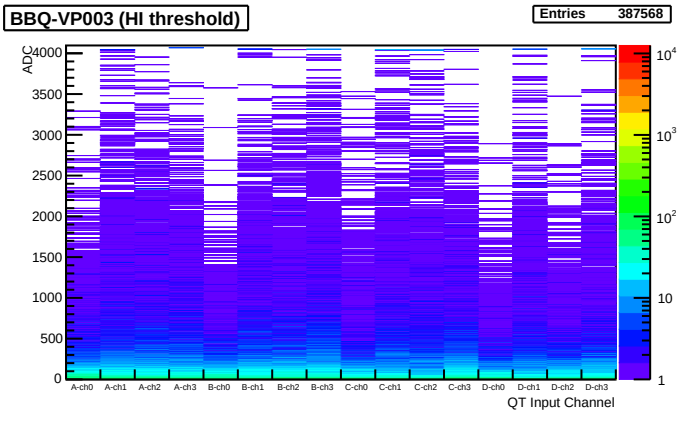

BBQ-ZD001 (ZDC TOWER)
Entries 387568
TAC

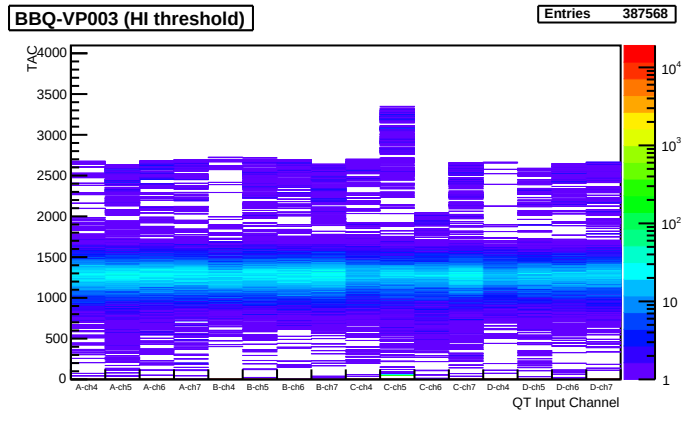

BBQ-VP001 (LO threshold)
Entries 387568
ADC
QT Input Channel

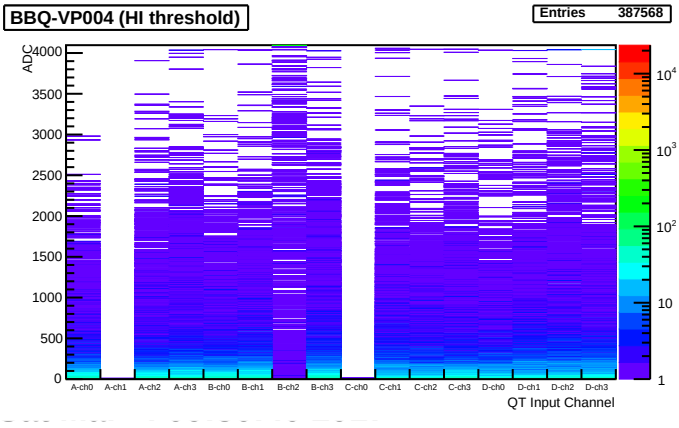

BBQ-VP001 (LO threshold)
Entries 387568
TAC
QT Input Channel

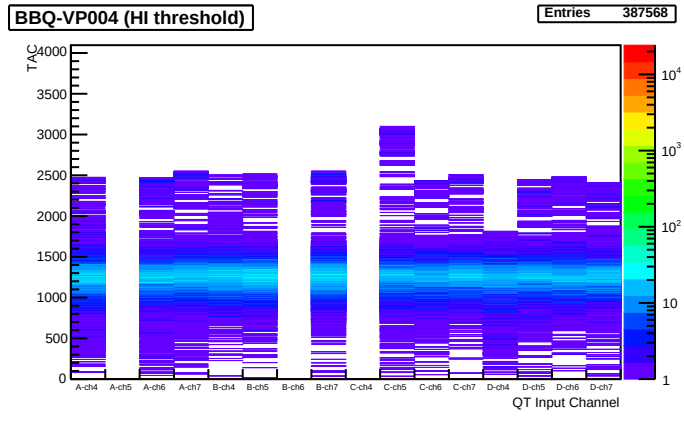

BBQ-VP002 (LO threshold)
Entries 387568
ADC
QT Input Channel

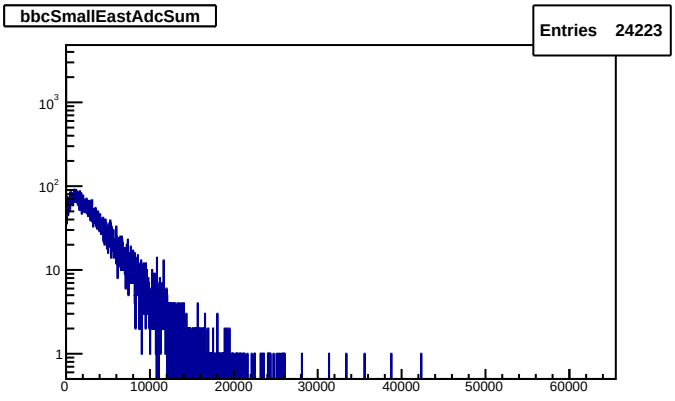

BBQ-VP002 (LO threshold)
Entries 387568
TAC
QT Input Channel

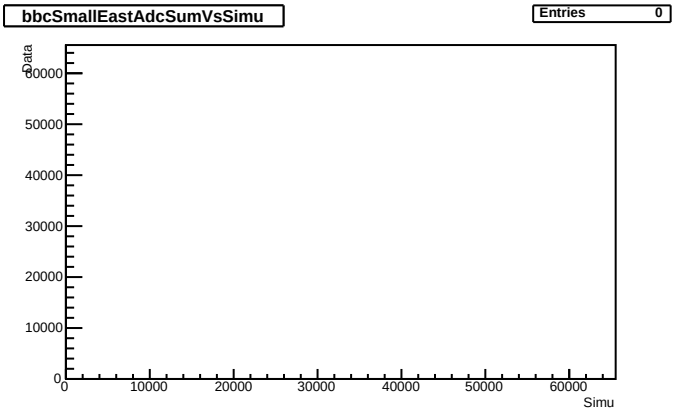

BBQ-VP003 (HI threshold)
Entries 387568
ADC
QT Input Channel

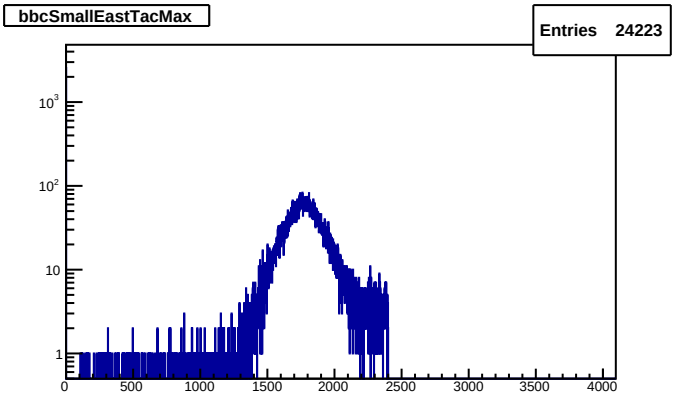

BBQ-VP003 (HI threshold)
Entries 387568
TAC
QT Input Channel

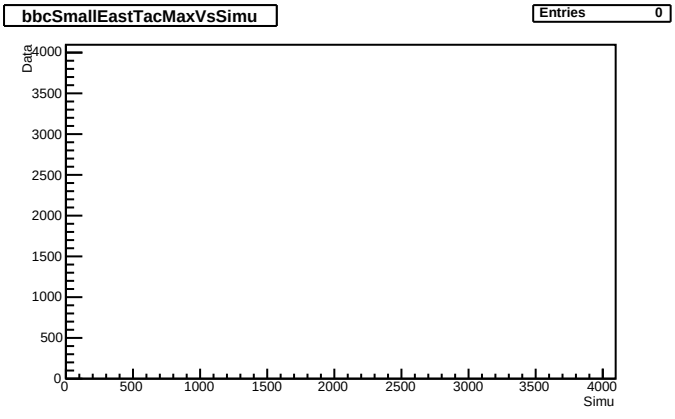

BBQ-VP004 (HI threshold)
Entries 387568
ADC
QT Input Channel

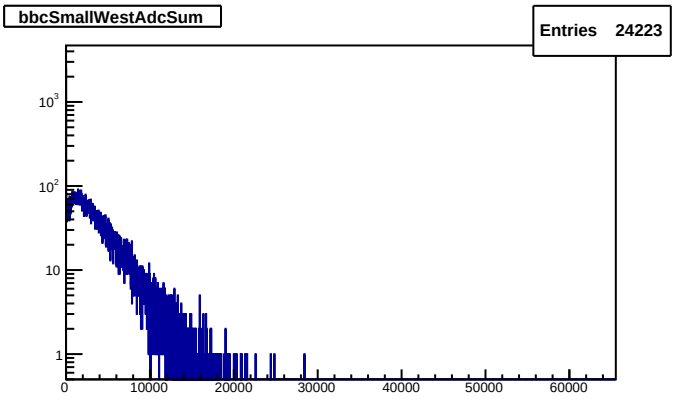

BBQ-VP004 (HI threshold)
Entries 387568
TAC
QT Input Channel

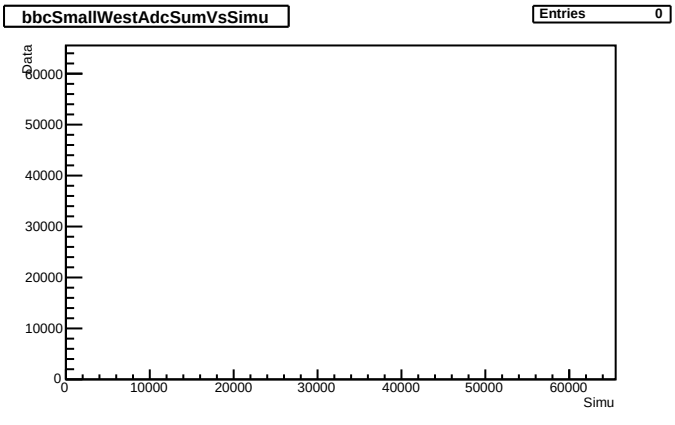

bbcSmallEastAdcSum
Entries 24223

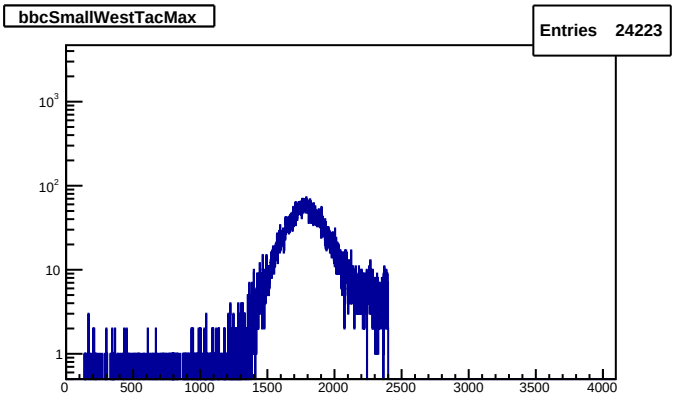

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

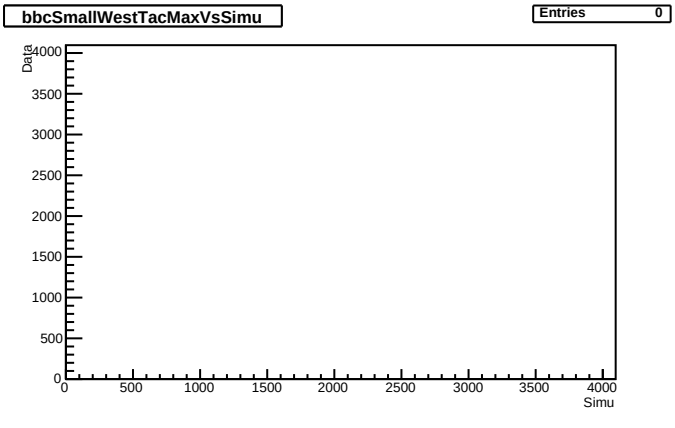

bbcSmallEastTacMax
Entries 24223

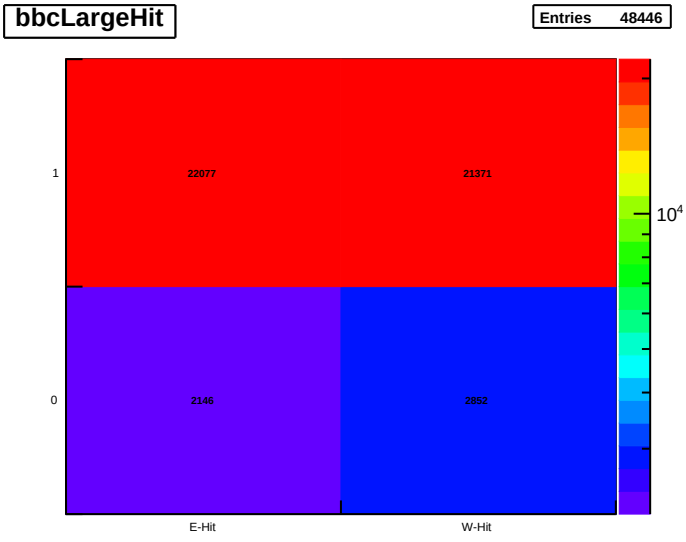

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

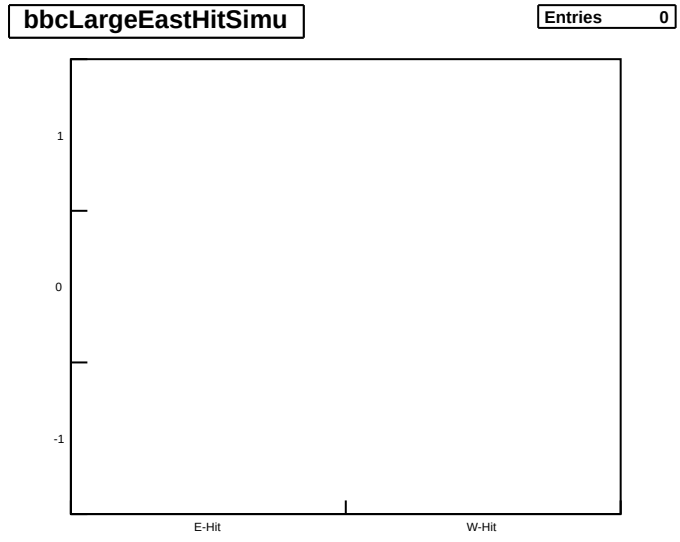

bbcSmallWestAdcSum
Entries 24223

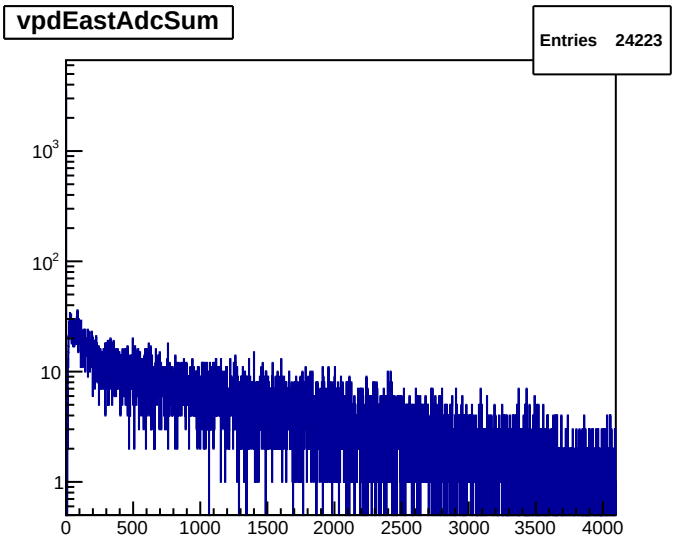

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

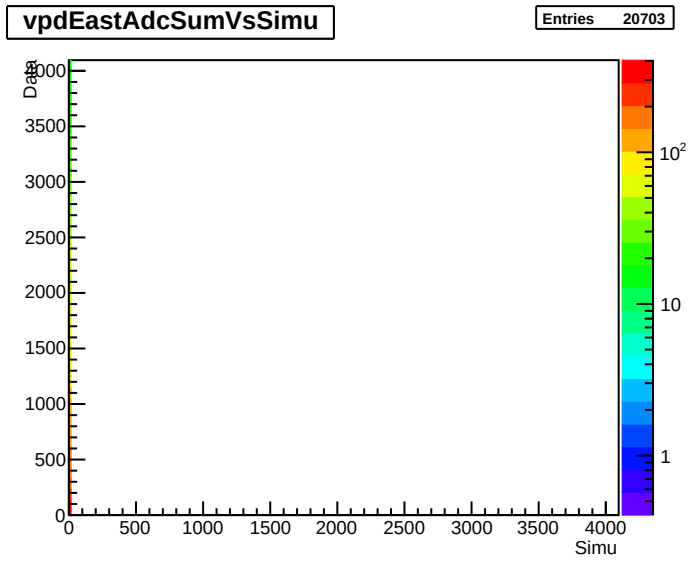

bbcSmallWestTacMax
Entries 24223

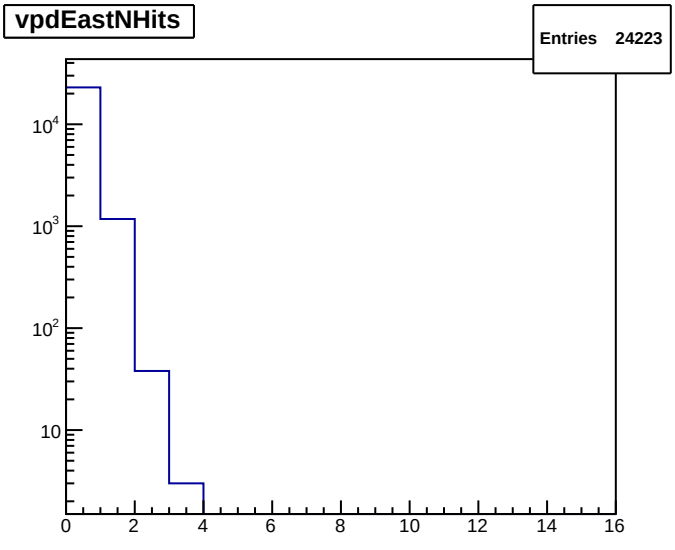

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

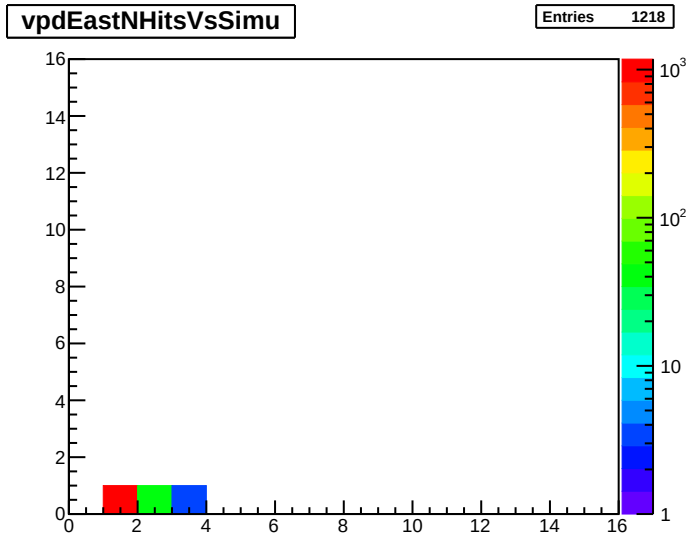

bbcLargeHit
Entries 48446
1
0
22077
21371
2146
2852
E-Hit
W-Hit
10^4

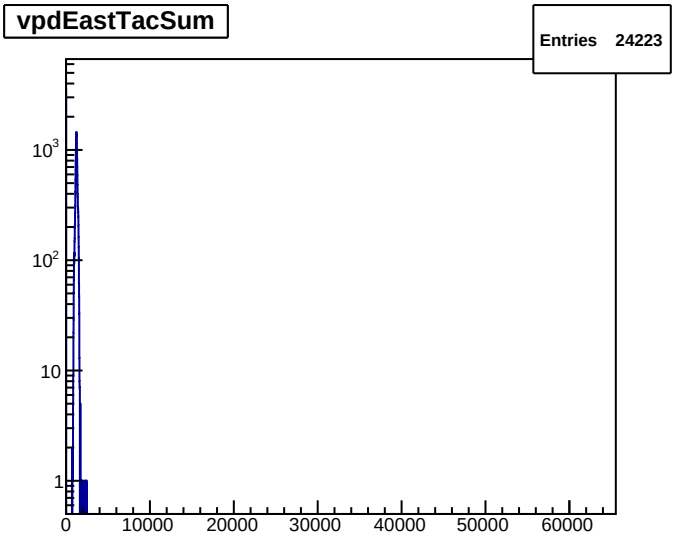

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

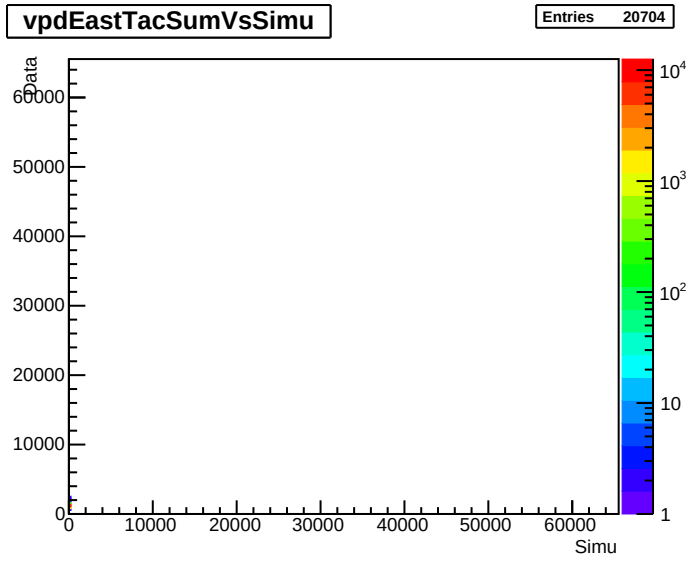

vpdEastAdcSum
Entries 24223

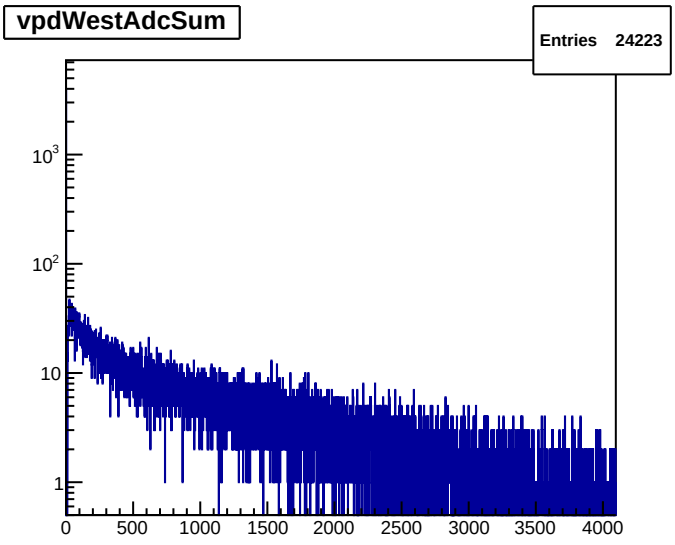

vpdEastAdcSumVsSimu
Entries 20703
Data
Simu

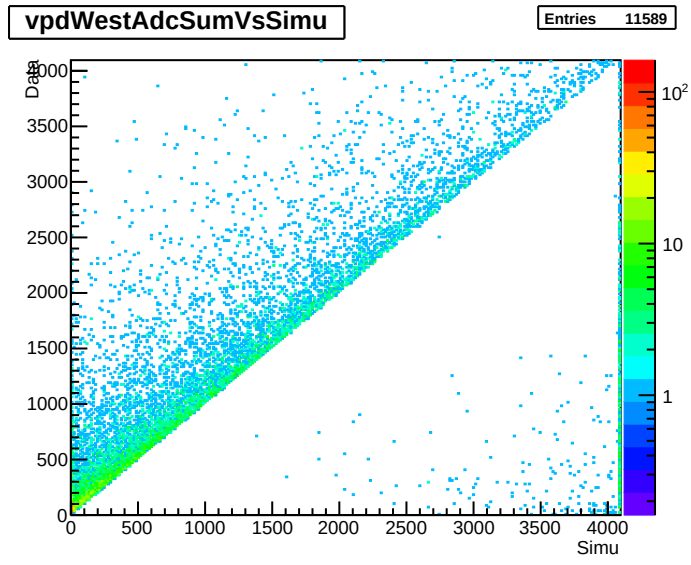

vpdEastNHits
Entries 24223

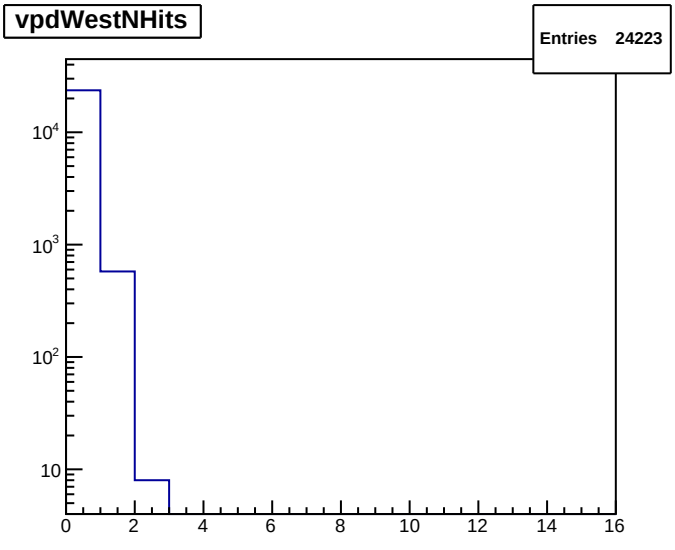

vpdEastNHitsVsSimu
Entries 1218

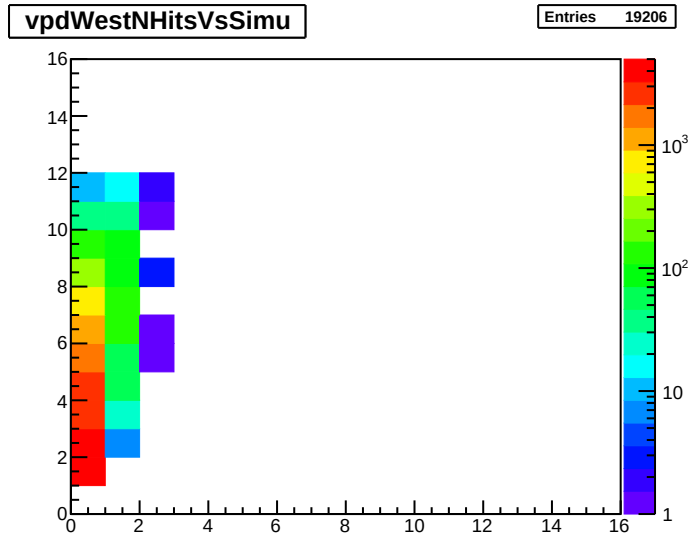

vpdEastTacSum
Entries 24223

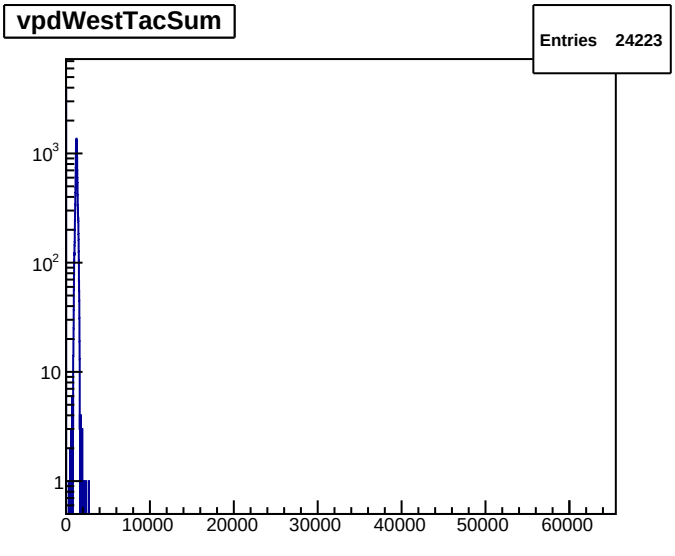

vpdEastTacSumVsSimu
Entries 20704
Data
Simu

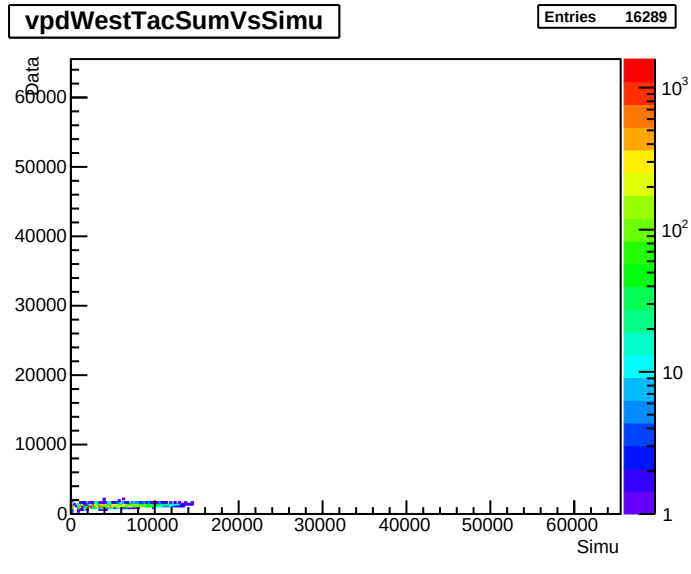

vpdWestAdcSum
Entries 24223

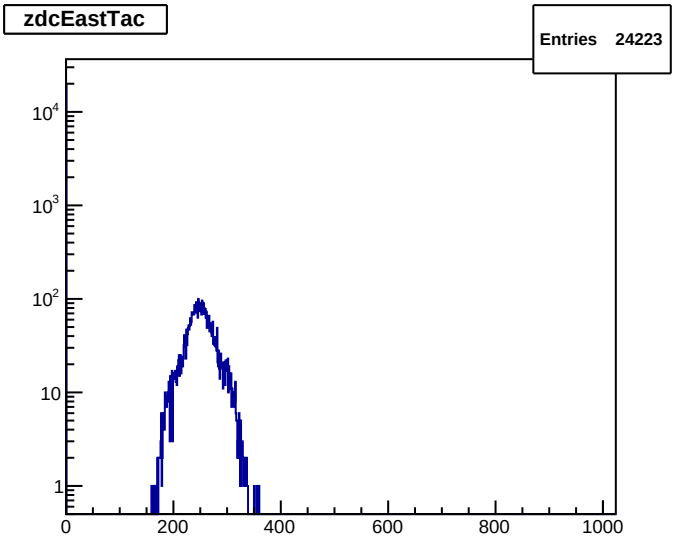

vpdWestAdcSumVsSimu
Entries 11589
Data
Simu

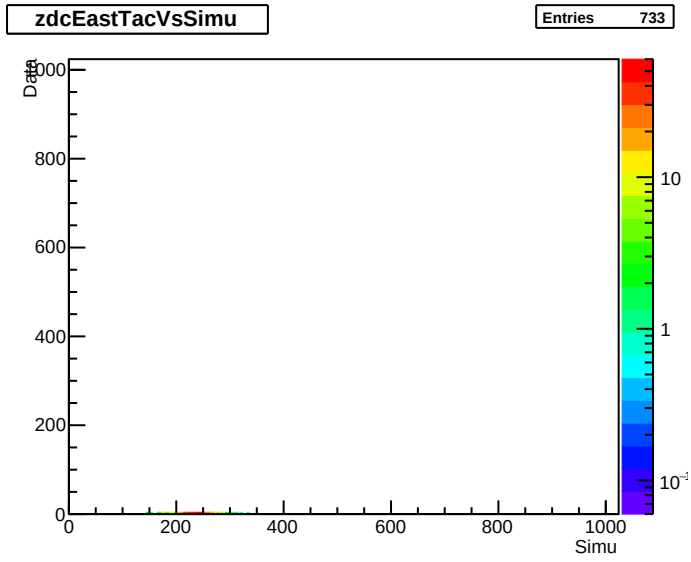

vpdWestNHits
Entries 24223

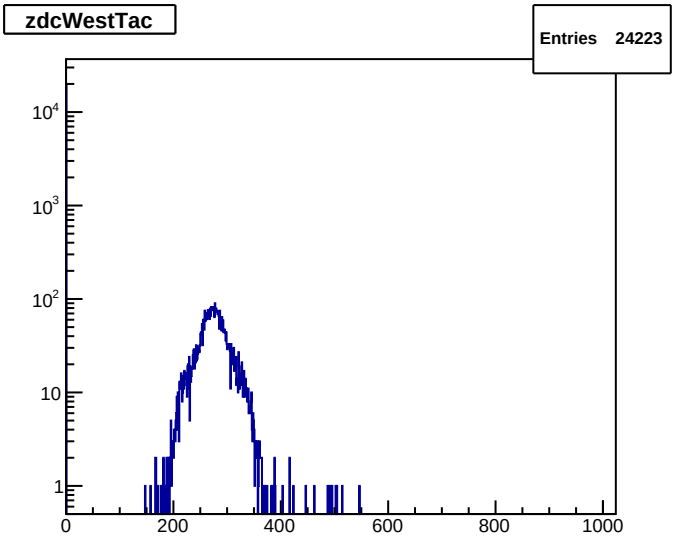

vpdWestNHitsVsSimu
Entries 19206

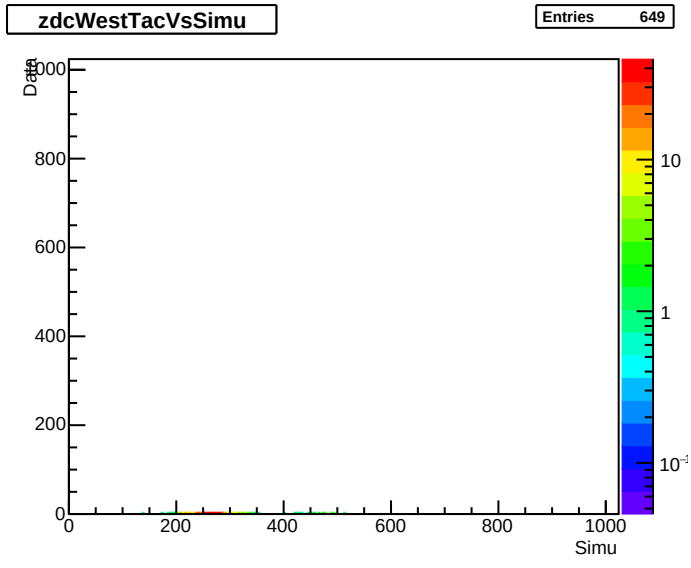

vpdWestTacSum
Entries 24223

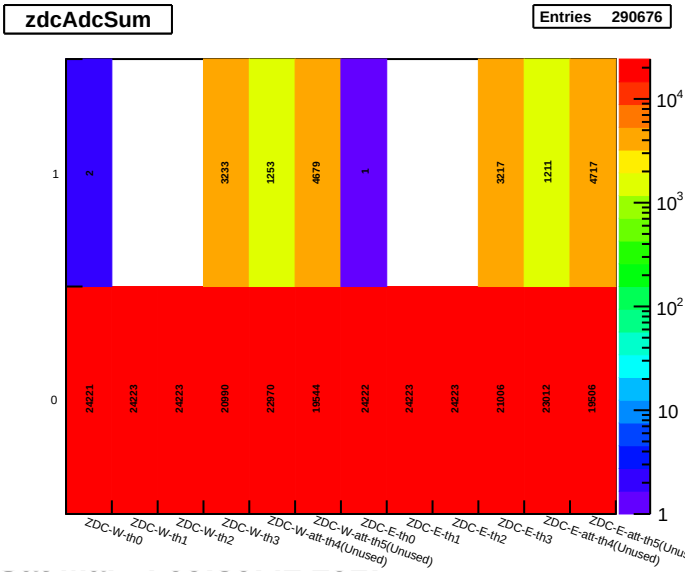

vpdWestTacSumVsSimu
Entries 16289
Data
Simu

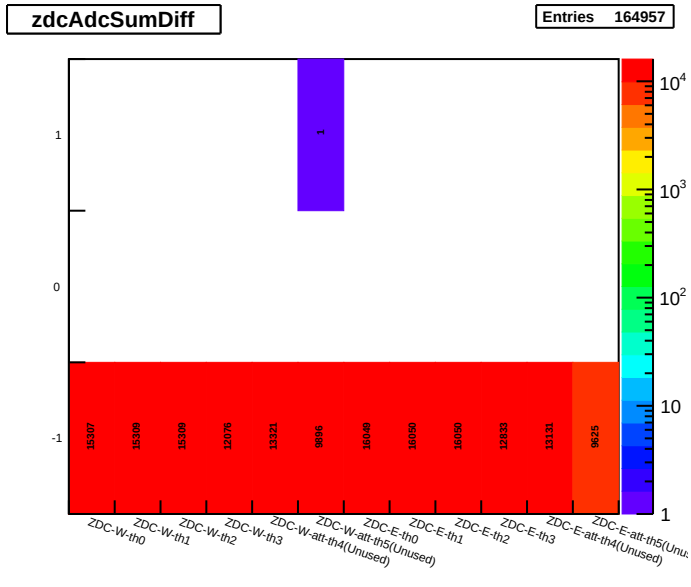

zdcEastTac
Entries 24223

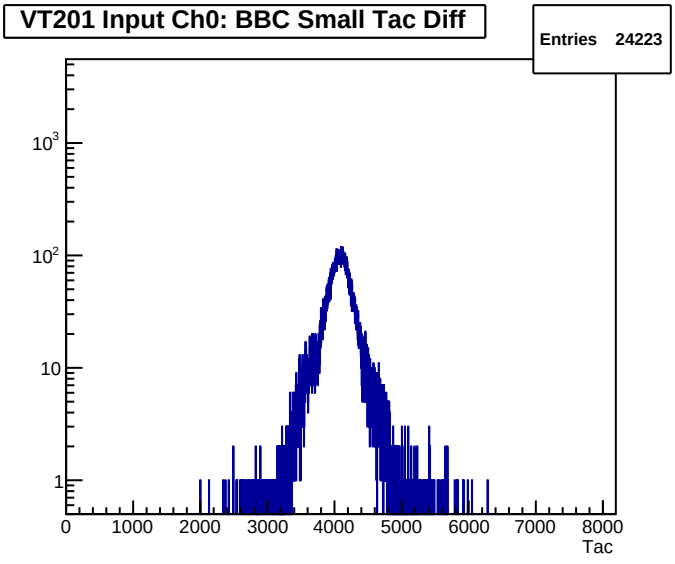

zdcEastTacVsSimu
Entries 733
Data
Simu

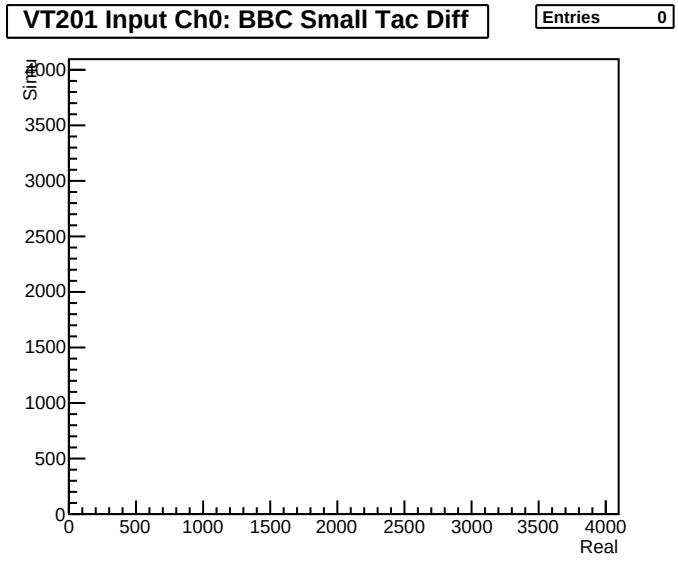

zdcWestTac
Entries 24223

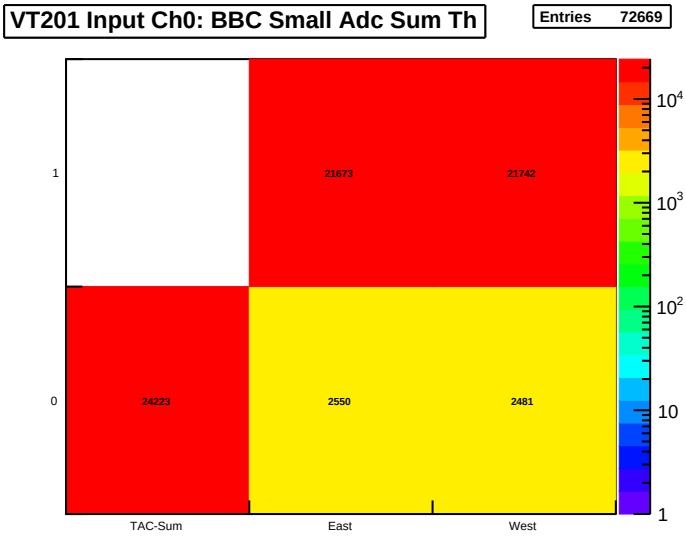

zdcWestTacVsSimu
Entries 649
Data
Simu

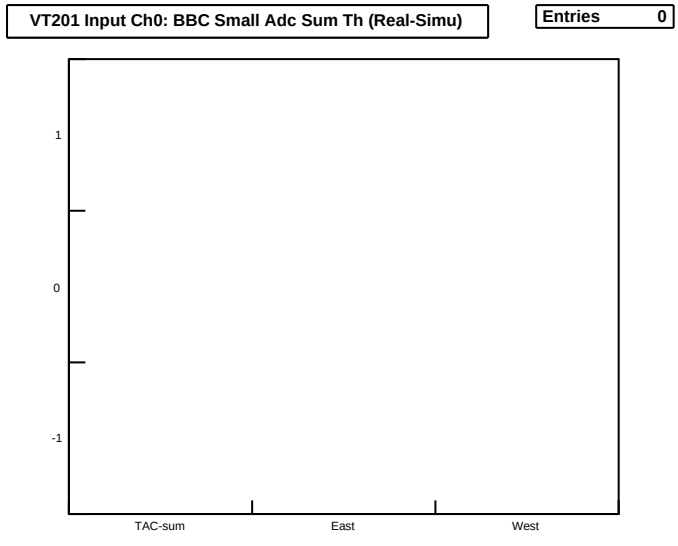

zdcAdcSum
Entries 290676
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

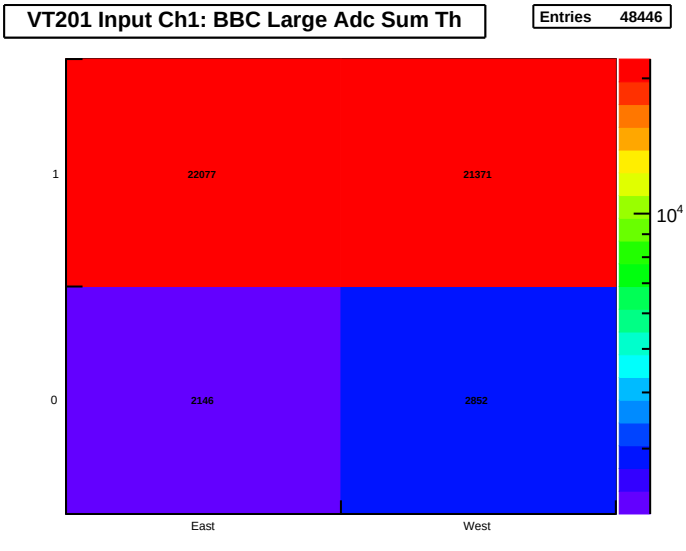

zdcAdcSumDiff
Entries 164957
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

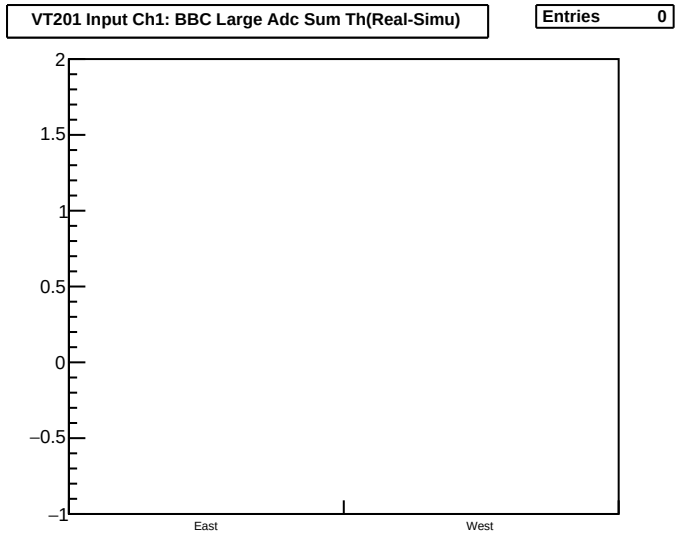

VT201 Input Ch0: BBC Small Tac Diff
Entries 24223
Tac


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

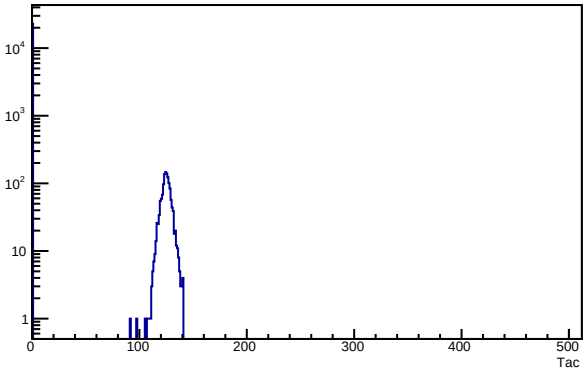

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 72669
21673
21742
24223
2550
2481
TAC-Sum
East
West


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

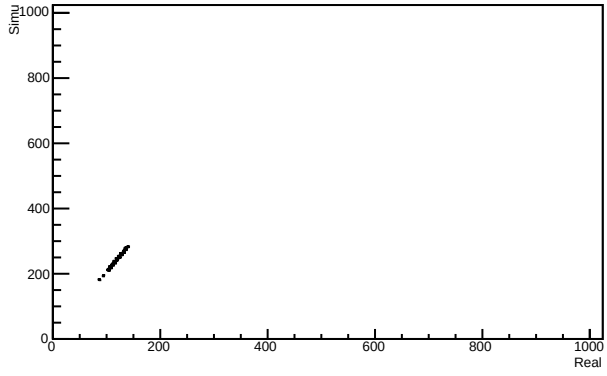

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 48446
22077
21371
2146
2852
East
West


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

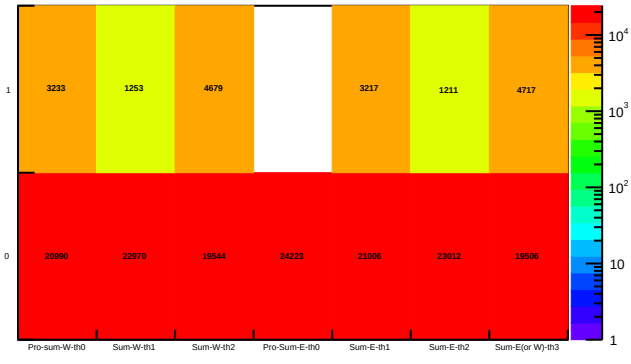
VT201 Input Ch2: ZDC Tac Diff



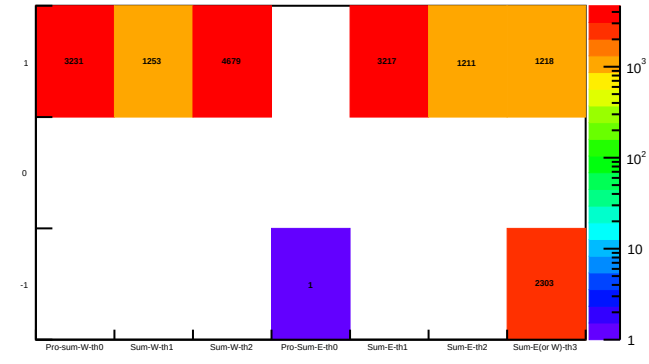
VT201 Input Ch2: ZDC Tac Diff



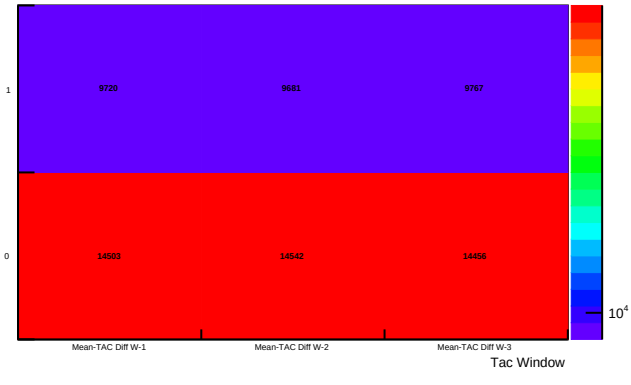
VT201 Input Ch2: ZDC Adc Sum Th



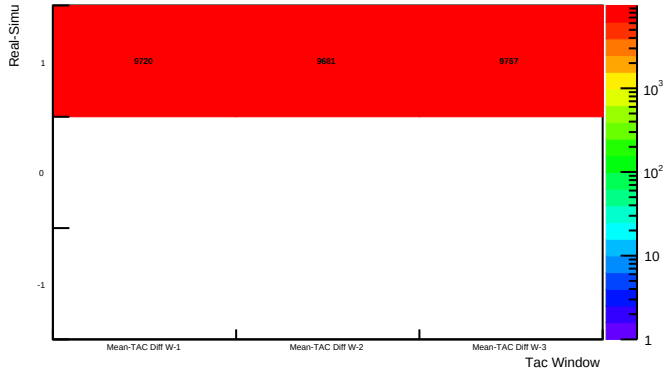
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



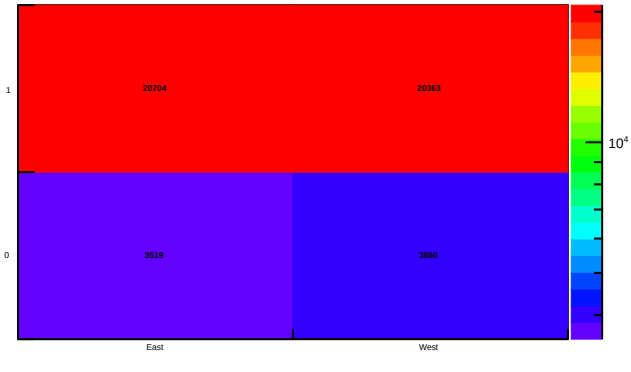
VT201 Input Ch4: VPD Tac Diff



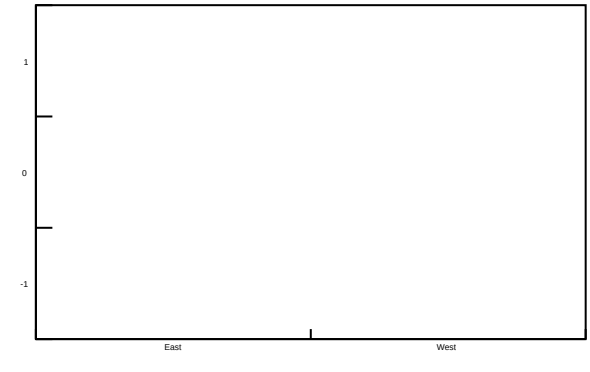
VT201 Input Ch4: VPD Tac Diff

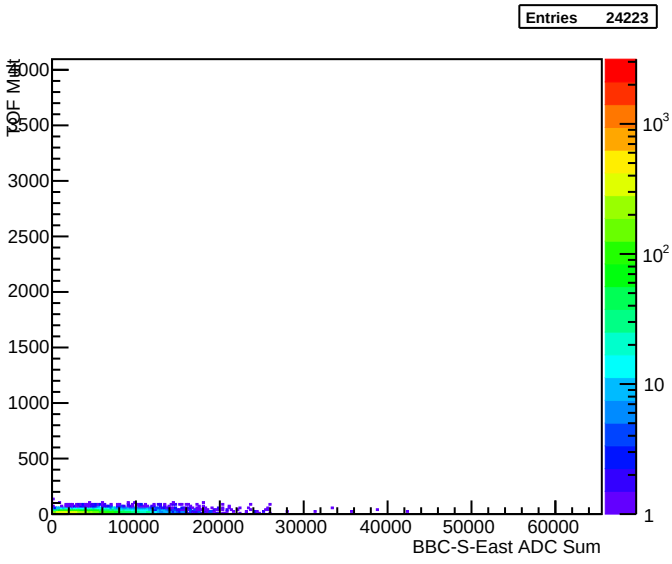


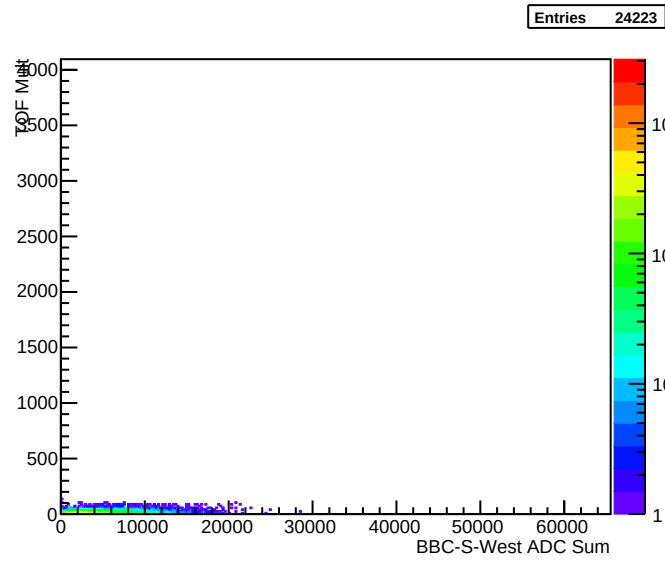
VT201 Input Ch4: VPD Adc Sum Th

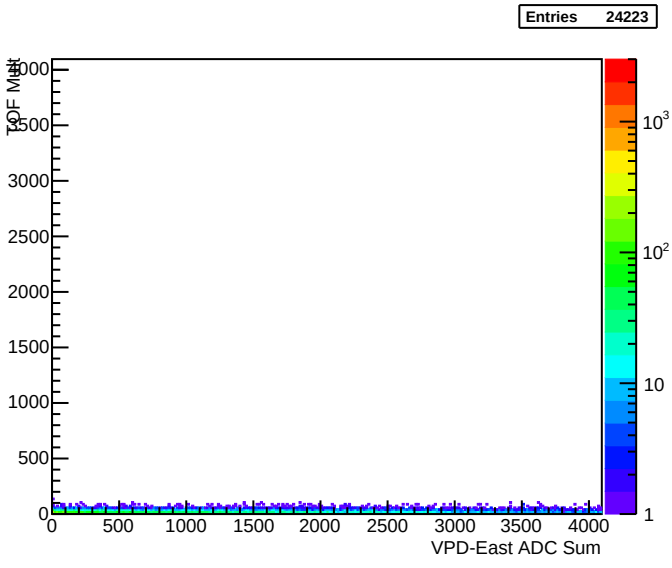


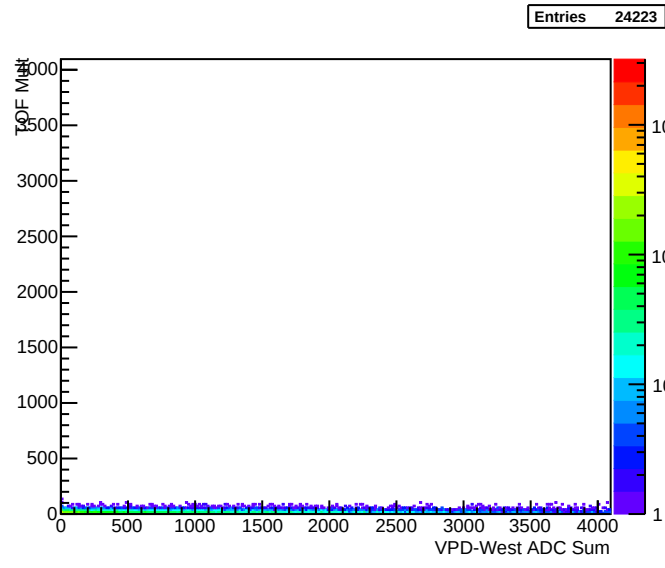
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

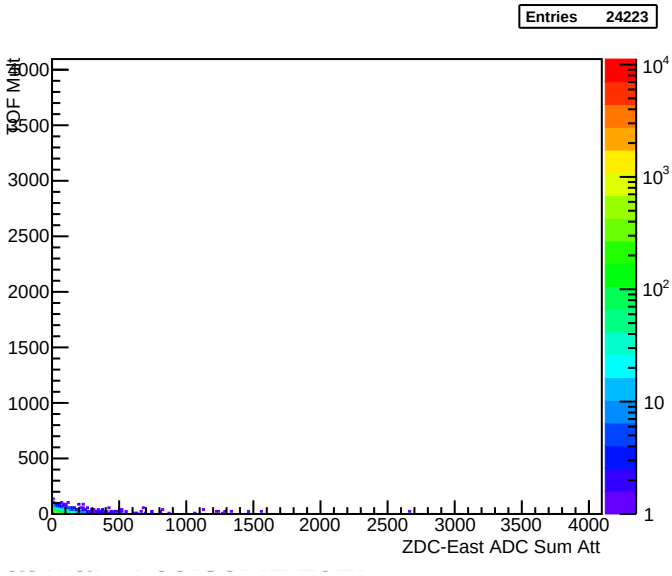


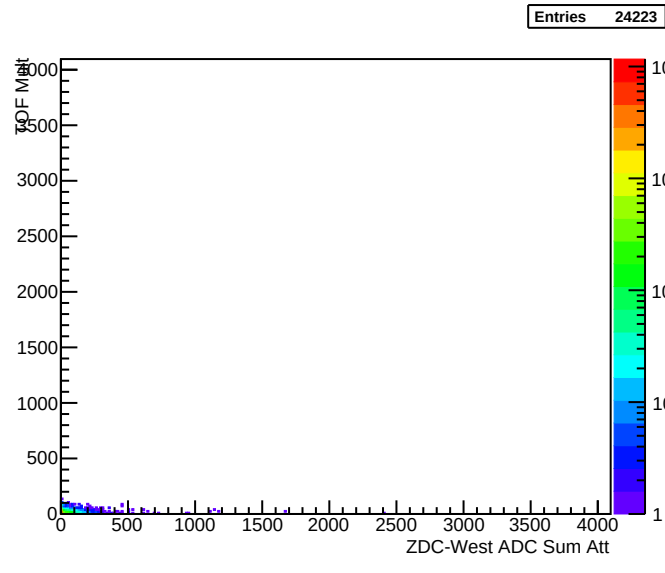

Entries 24223
TOF Mult
BBC-S-East ADC Sum

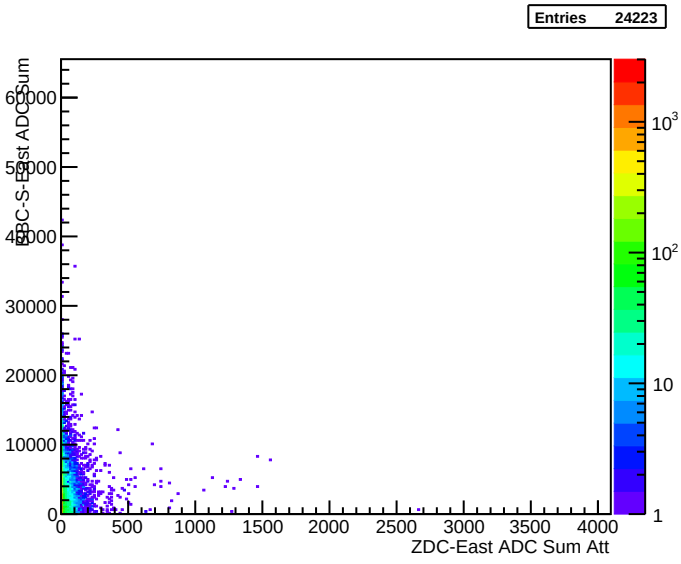

Entries 24223
TOF Mult
BBC-S-West ADC Sum

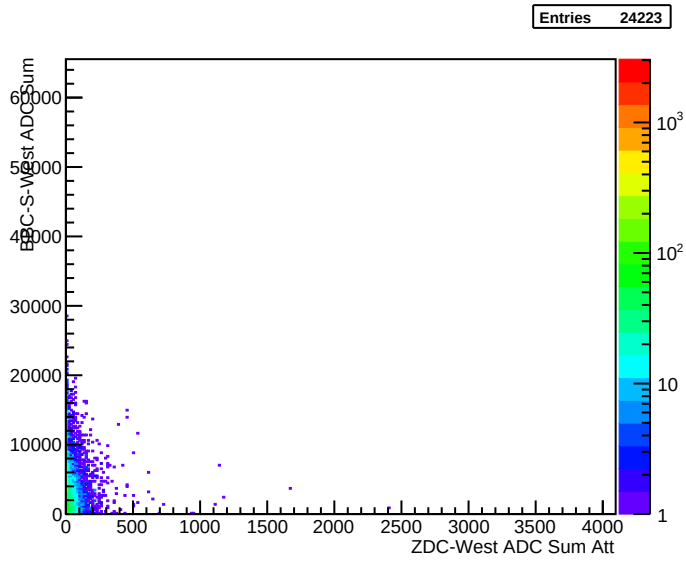

Entries 24223
TOF Mult
VPD-East ADC Sum

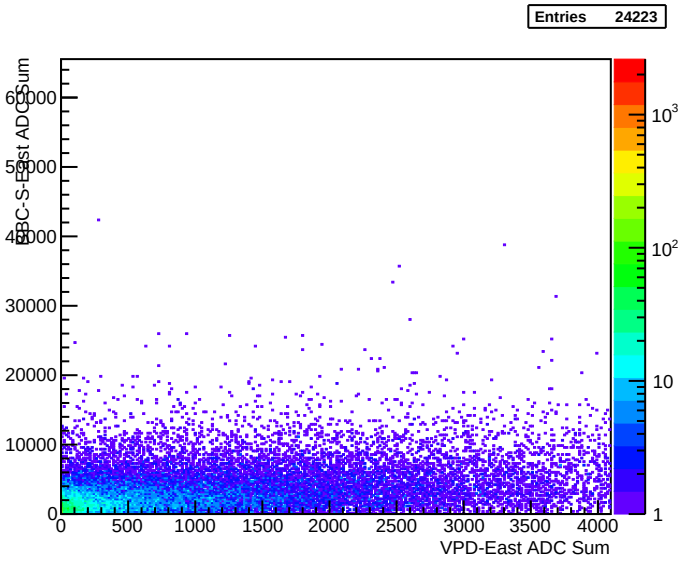

Entries 24223
TOF Mult
VPD-West ADC Sum

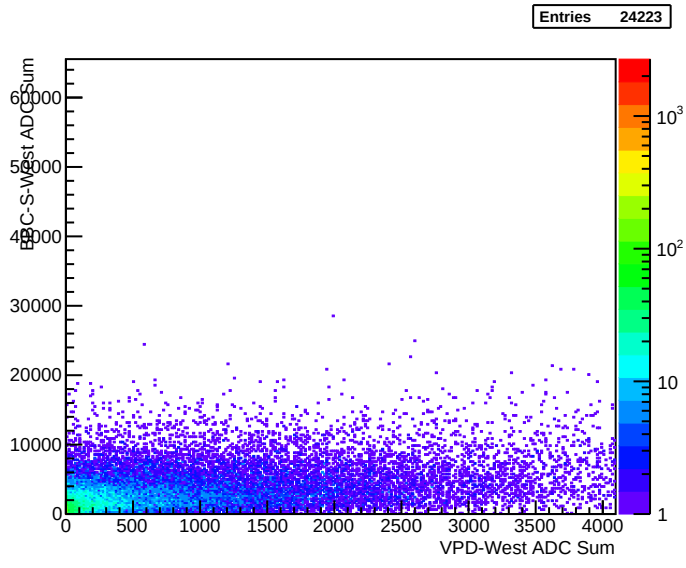

Entries 24223
TOF Mult
ZDC-East ADC Sum Att

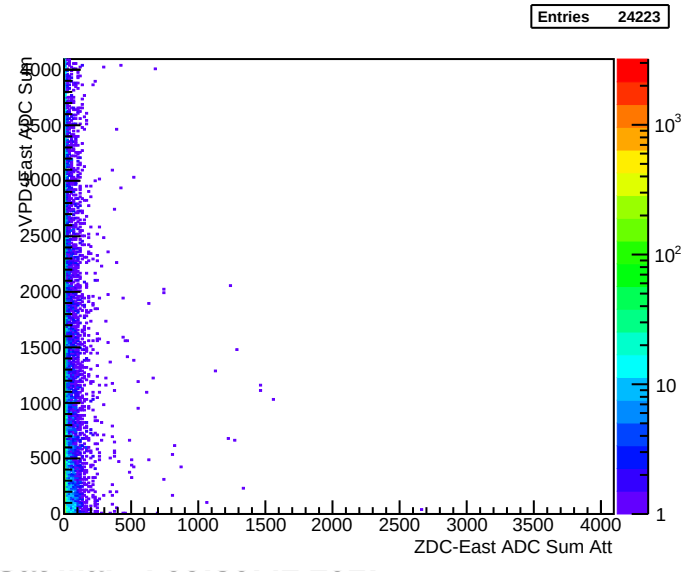

Entries 24223
TOF Mult
ZDC-West ADC Sum Att

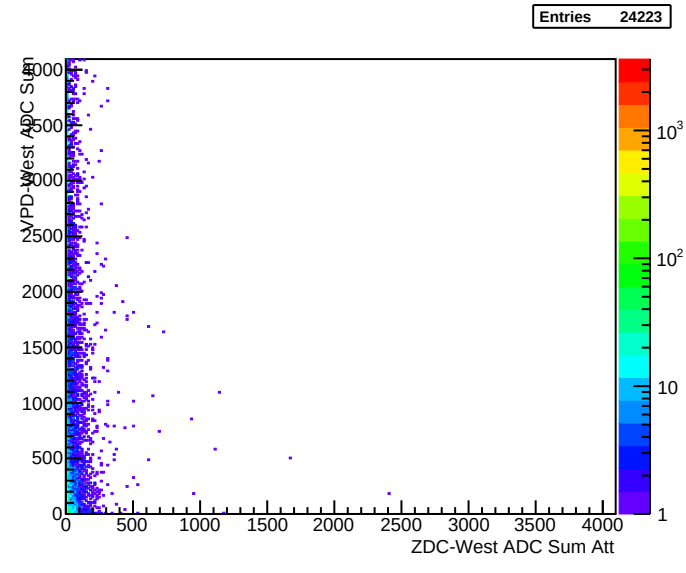

Entries 24223
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

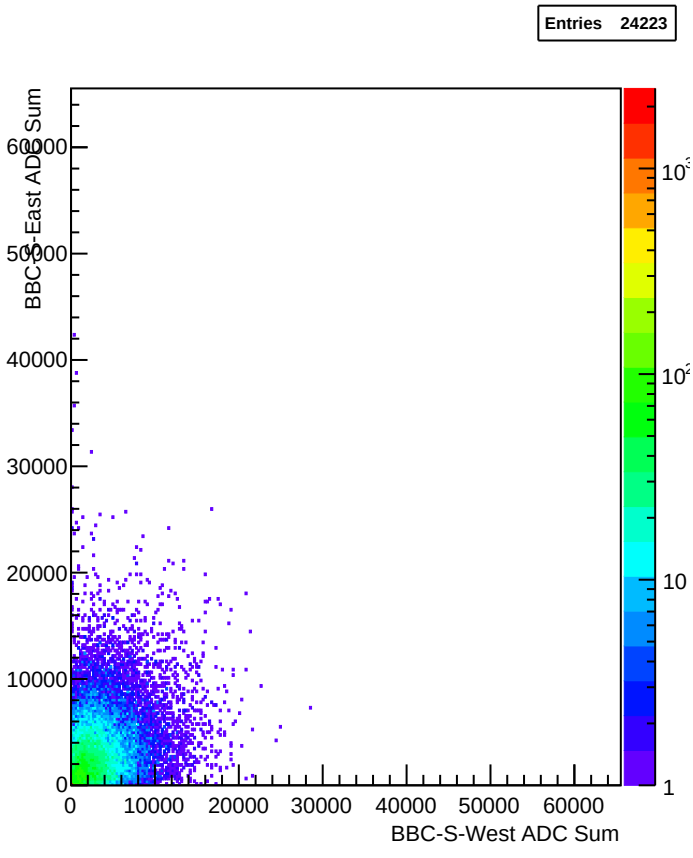

Entries 24223
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

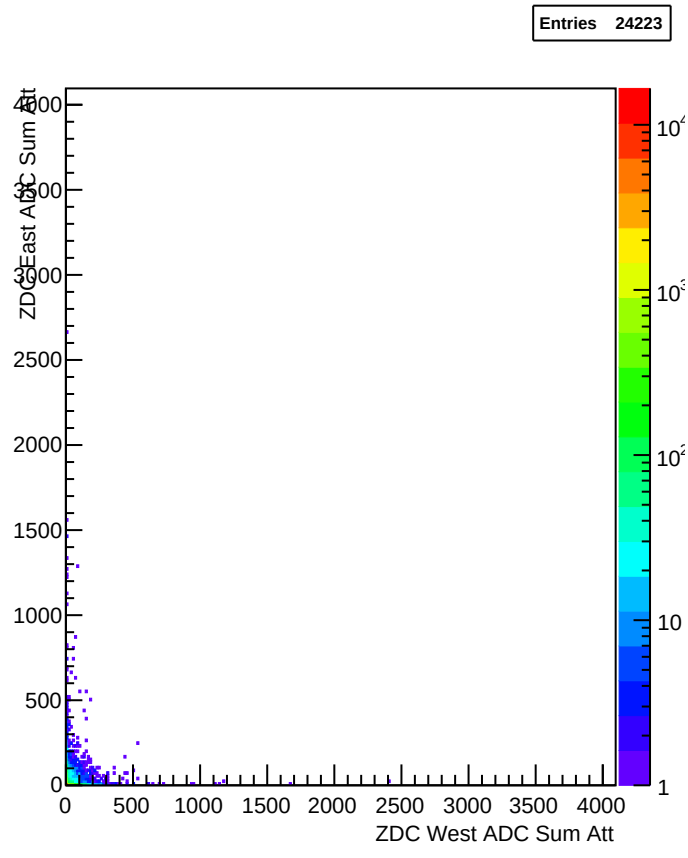

Entries 24223
BBC-S-East ADC Sum
VPD-East ADC Sum

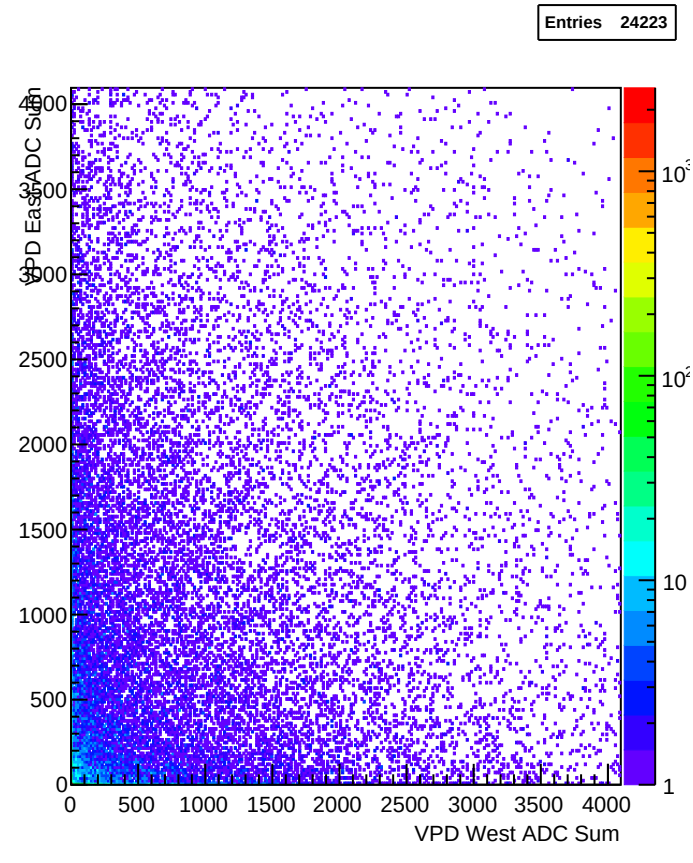

Entries 24223
BBC-S-West ADC Sum
VPD-West ADC Sum

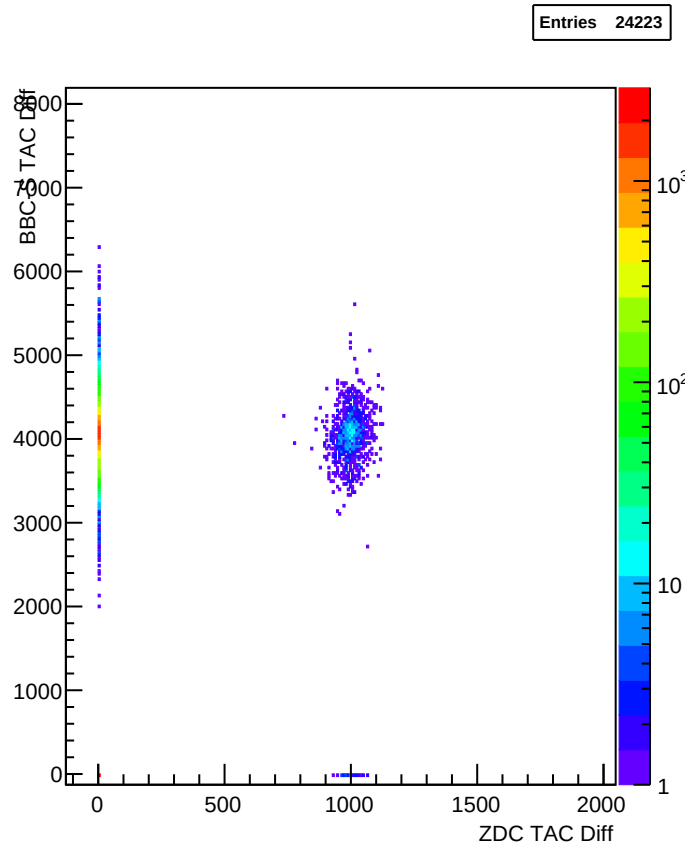

Entries 24223
VPD-East ADC Sum
ZDC-East ADC Sum Att

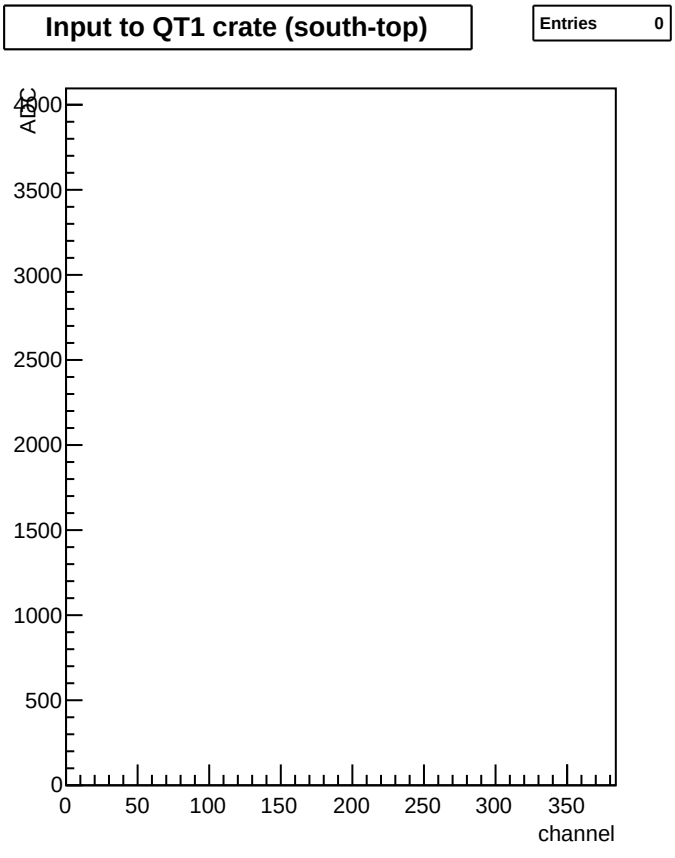

Entries 24223
VPD-West ADC Sum
ZDC-West ADC Sum Att

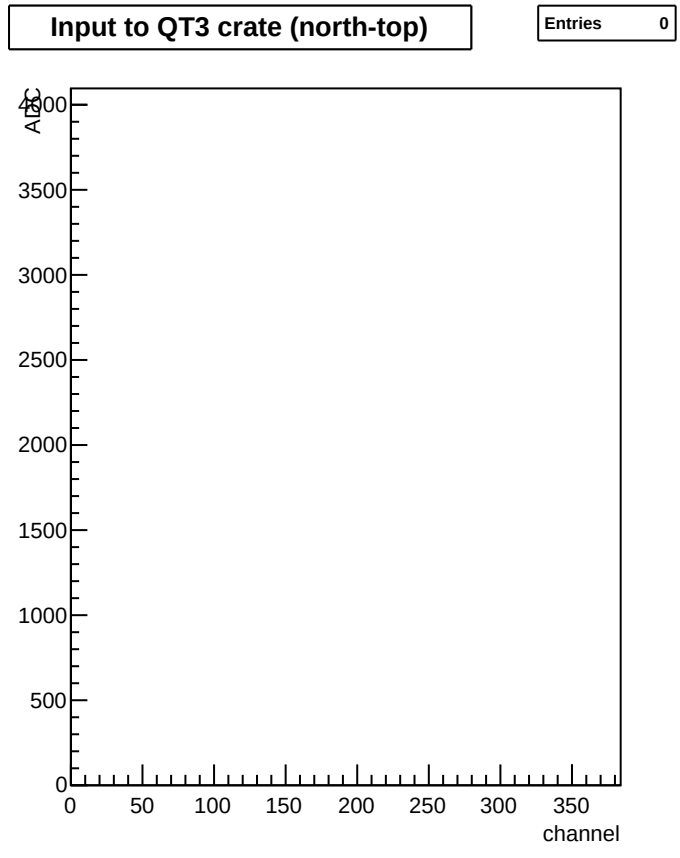

Entries 24223
BBC-S-East ADC Sum
BBC-S-West ADC Sum

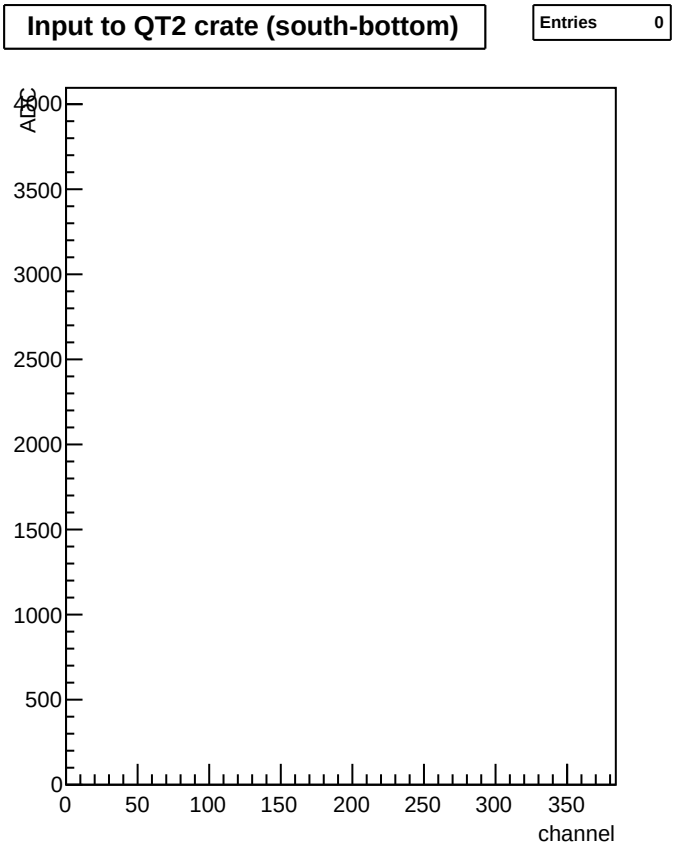

Entries 24223
ZDC East ADC Sum Att
ZDC West ADC Sum Att

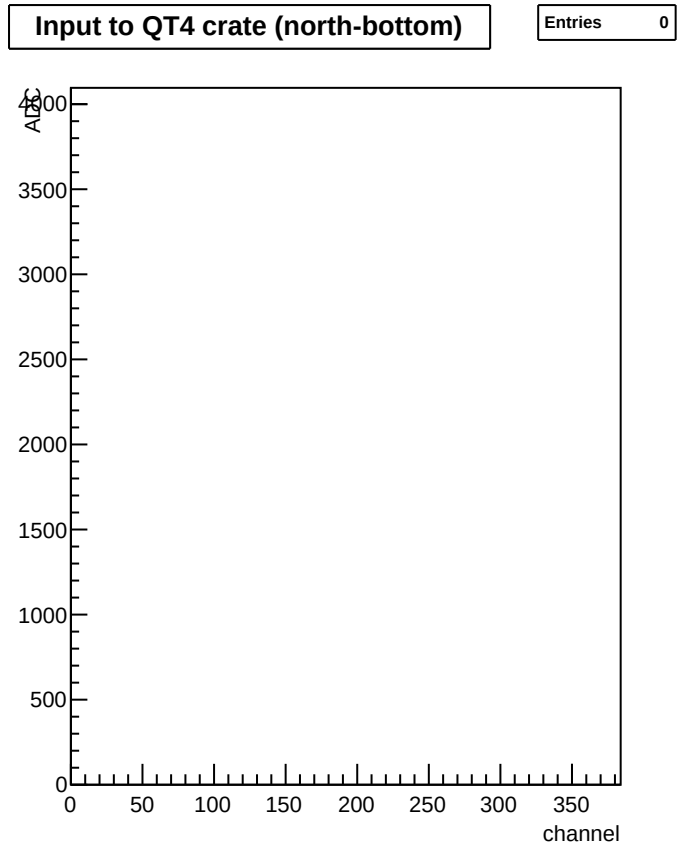

Entries 24223
VPD East ADC Sum
VPD West ADC Sum

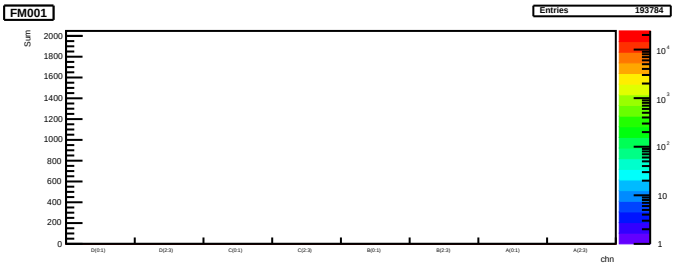

Entries 24223
BBC-S TAC Diff
ZDC TAC Diff

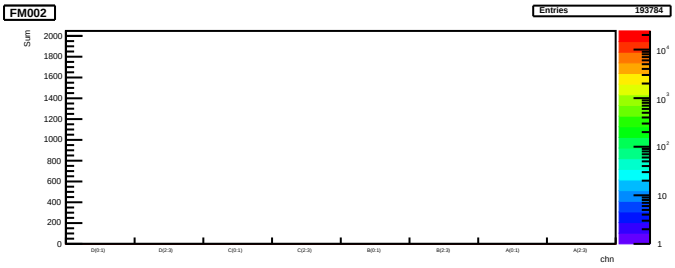

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

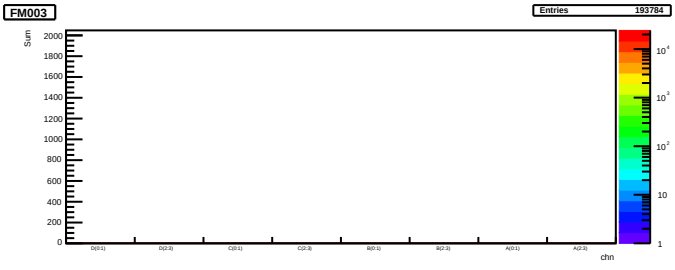

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

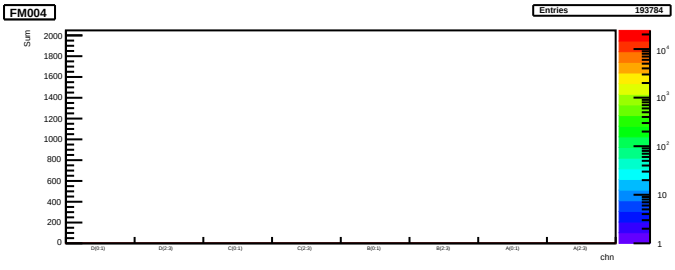

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

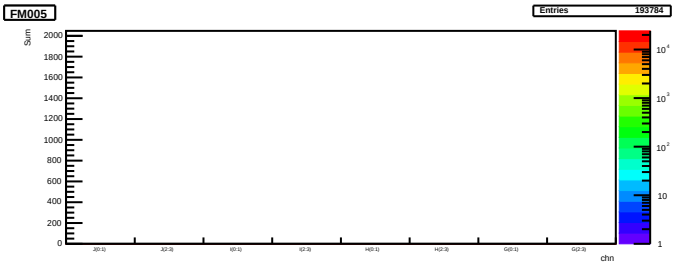

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

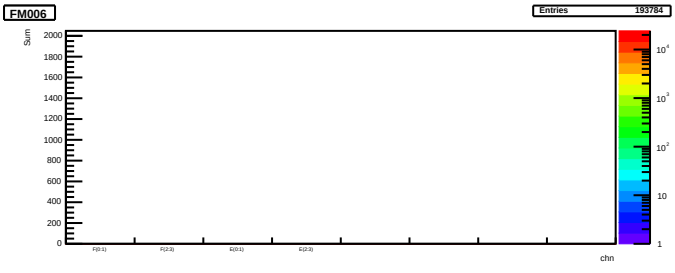

FM001
Entries 193784
Sum
chn

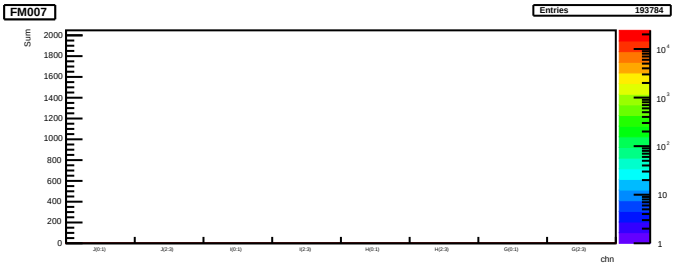

FM002
Entries 193784
Sum
chn

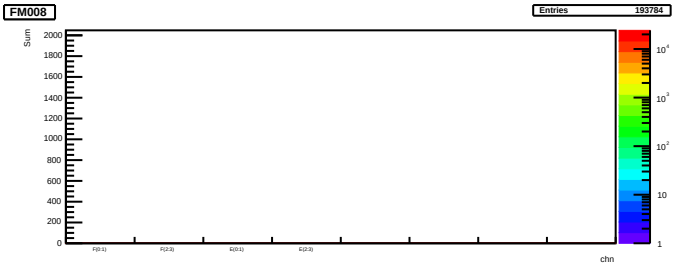

FM003
Entries 193784
Sum
chn

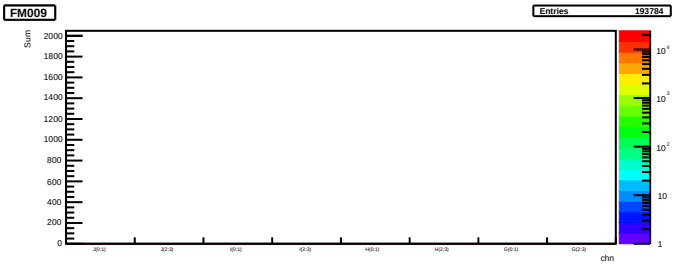

FM004
Entries 193784
Sum
chn

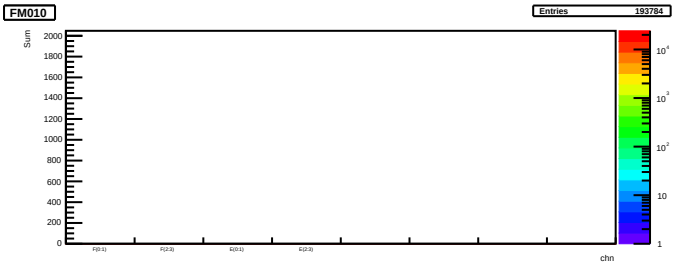

FM005
Entries 193784
Sum
chn

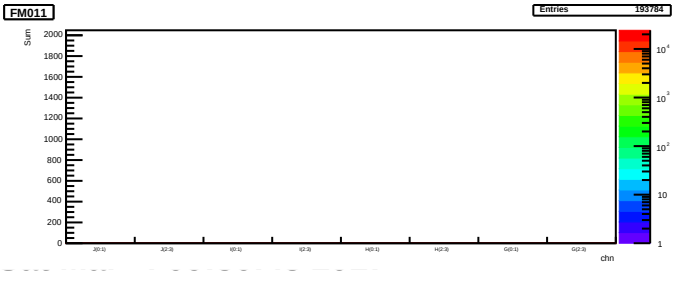

FM006
Entries 193784
Sum
chn

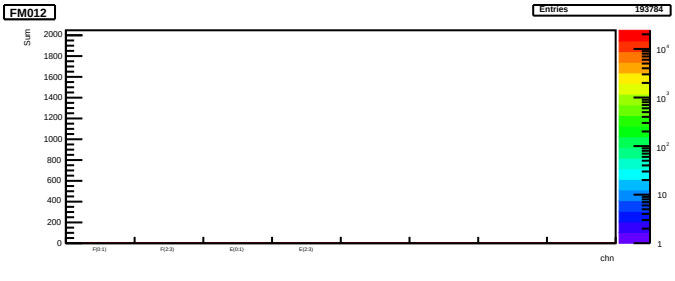

FM007
Entries 193784
Sum
chn

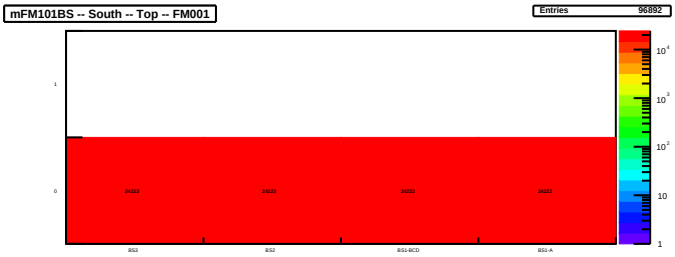

FM008
Entries 193784
Sum
chn


FM009
Entries 193784
Sum
chn


FM010
Entries 193784
Sum
chn


FM011
Entries 193784
Sum
chn


FM012
Entries 193784
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 96892
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24223
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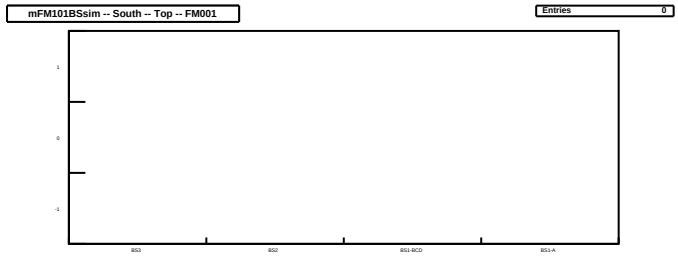
24223
BS3
BS2
BS1-BCD
BS1-A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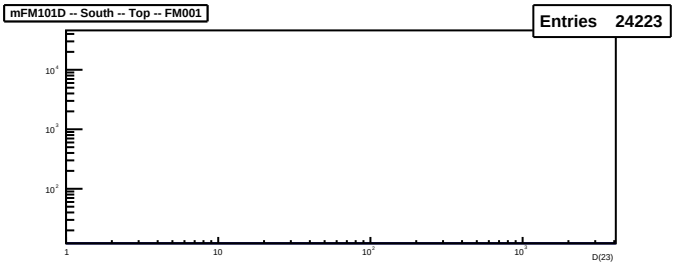
BS1-BCD
BS1-A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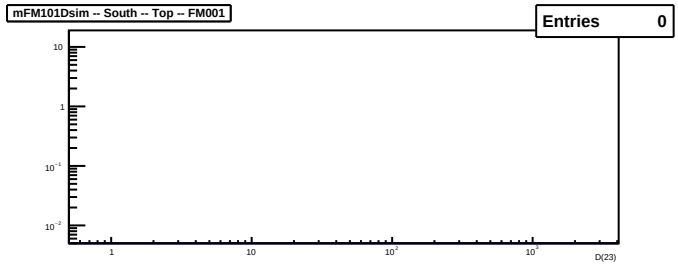
Entries 24223
D(23)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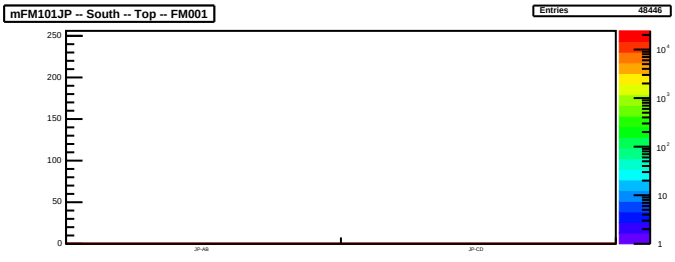
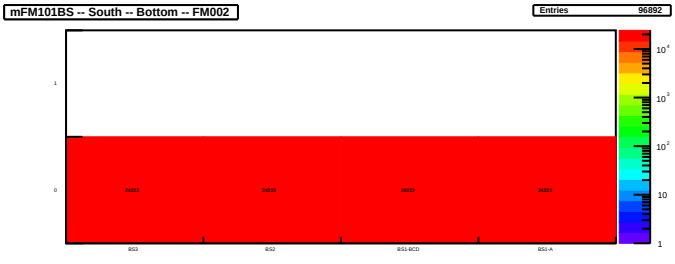

mFM101JP -- South -- Top -- FM001
Entries 48446
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 96892
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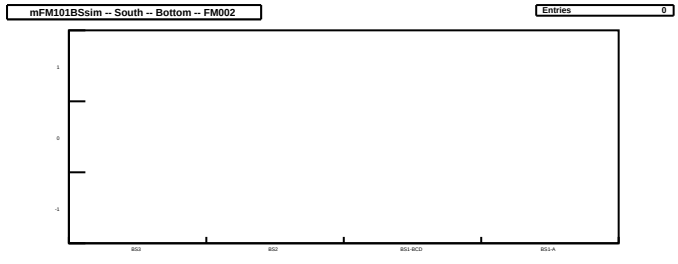
24223
24223
BS3
BS2
BS1-BCD
BS1-A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Entries 0
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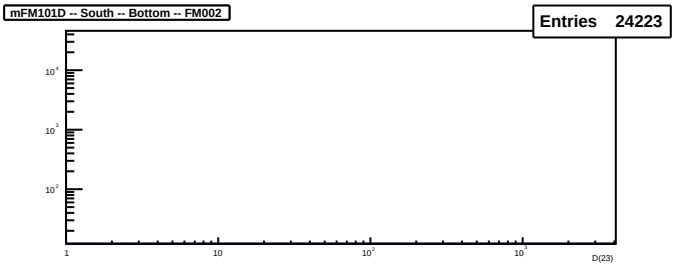
BS2
BS1-BCD
BS1-A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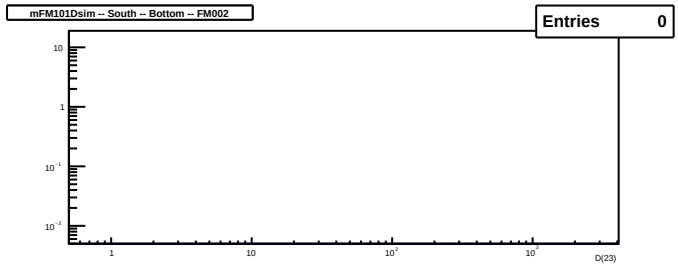
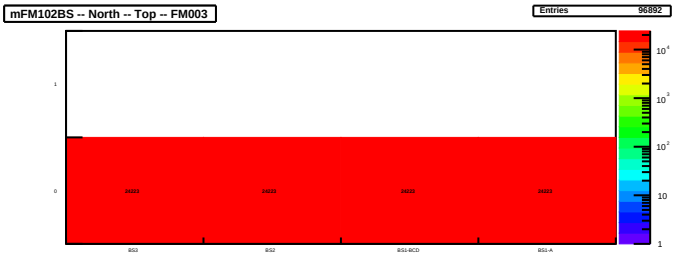
Entries 24223
D(23)

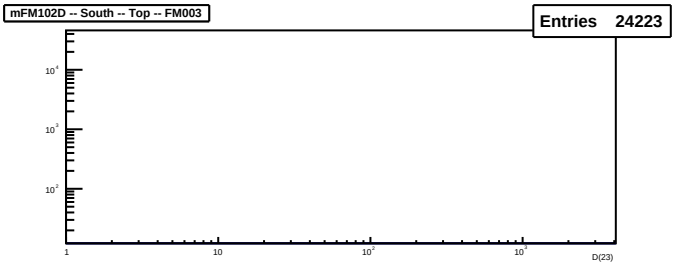

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

mFM101JP -- South -- Bottom -- FM002
Entries 48446
JP-AB
JP-CD

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


mFM102BS -- North -- Top -- FM003
Entries 96892
24223
24223
24223
24223
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A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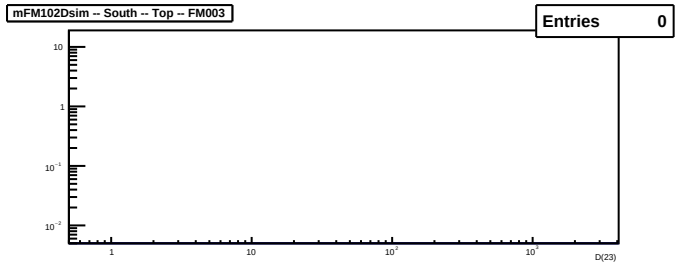
Entries 24223
D(23)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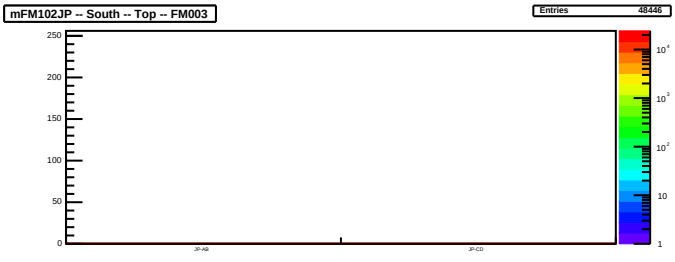
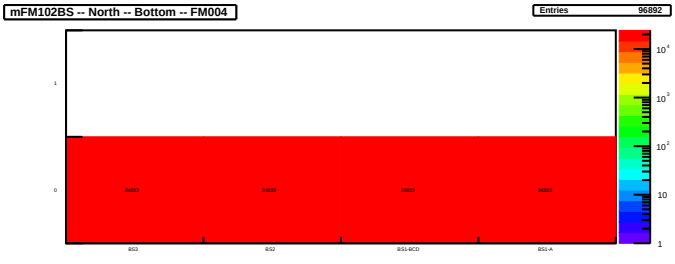
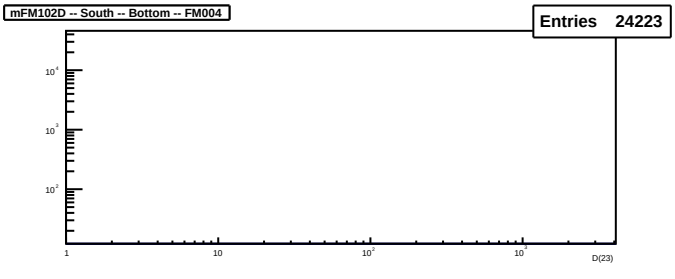
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 48446
JP-AB
JP-CD

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


mFM102BS -- North -- Bottom -- FM004
Entries 96892
24223
24223
24223
24223
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Bottom -- FM004
Entries 0
BS3
BS2
BS1-BCD
BS1-A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Entries 24223
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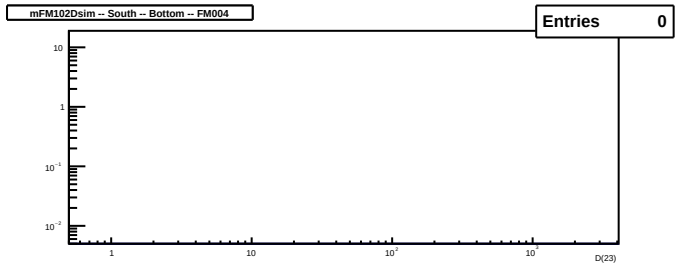
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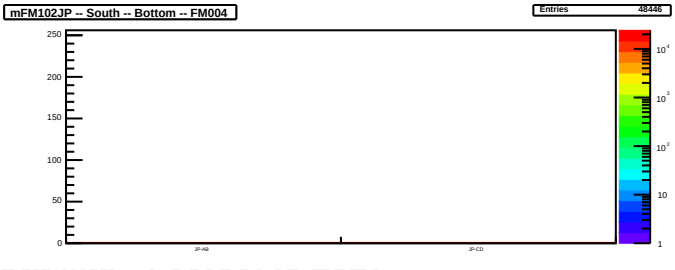
Entries 0
D(23)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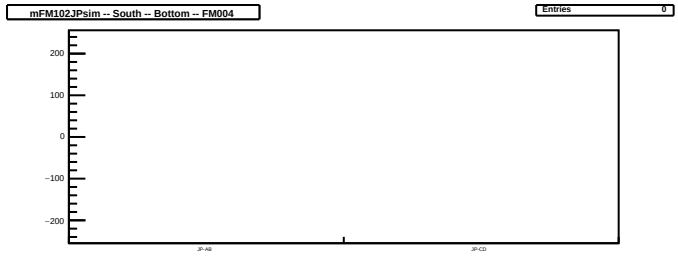
Entries 48446
JP-AB
JP-CD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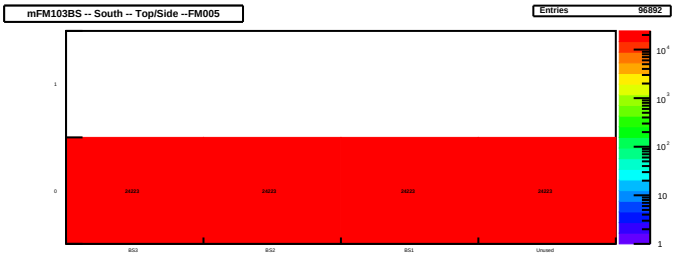
Entries 0
JP-AB
JP-CD


mFM103BS -- South -- Top/Side --FM005
Entries 96892
24223
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24223
24223
BS3
BS2
BS1
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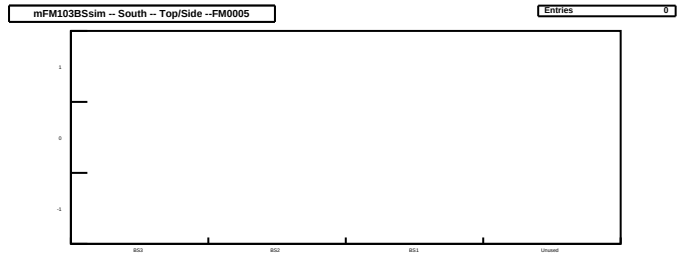
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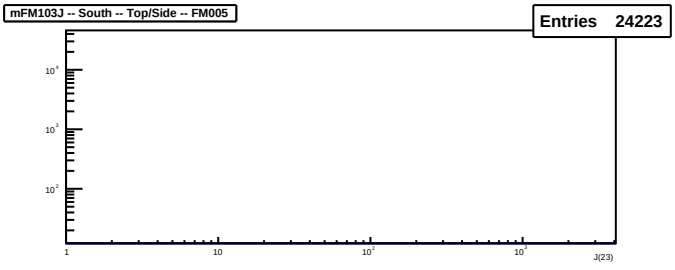
Entries 0
BS3
BS2
BS1
Unused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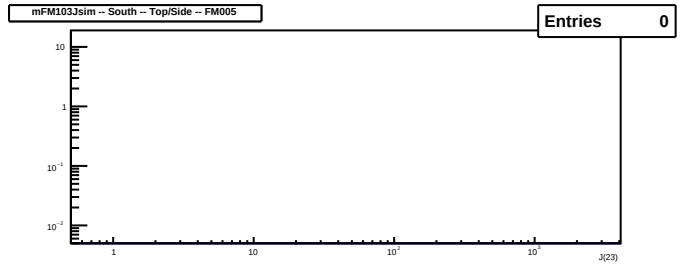
Entries 24223
J(23)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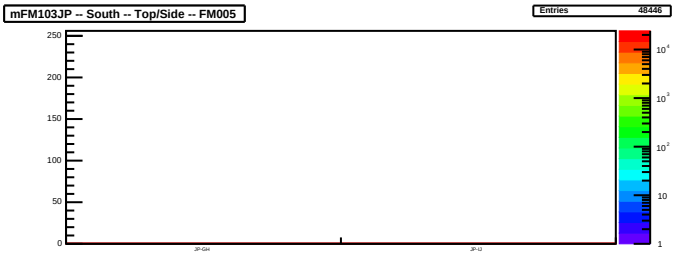
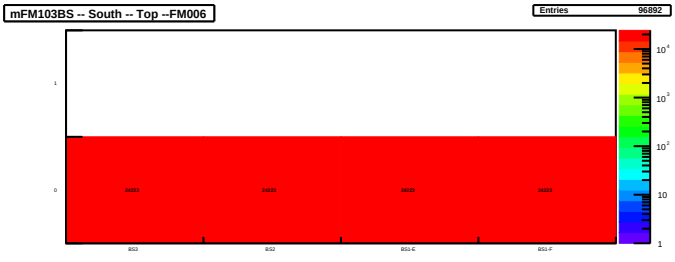
Entries 0
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 48446
JP-GH
JP-IJ

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


mFM103BS -- South -- Top --FM006
Entries 96892
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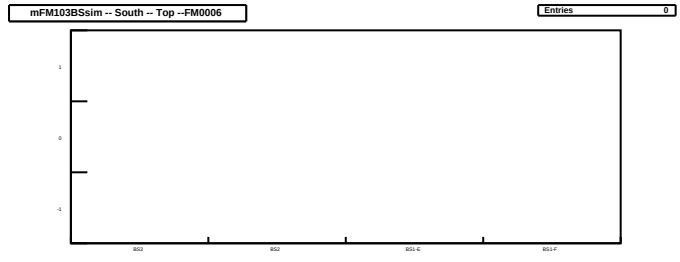
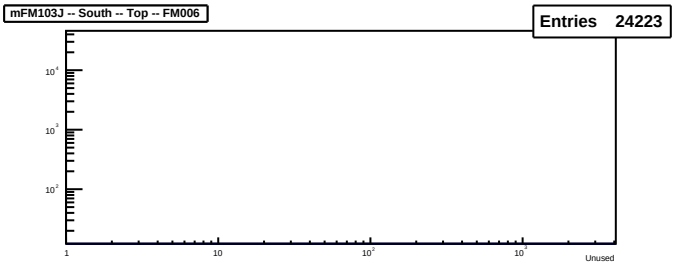
24223
24223
24223
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F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Entries 24223
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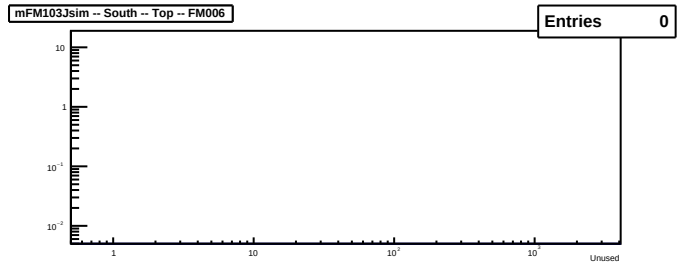
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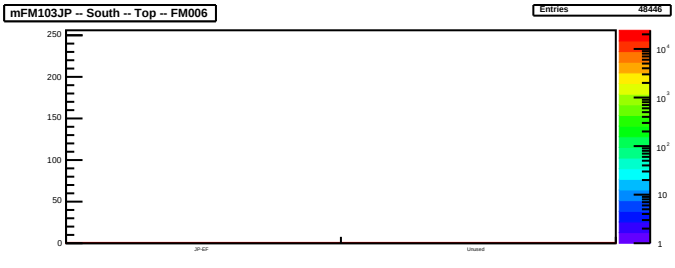
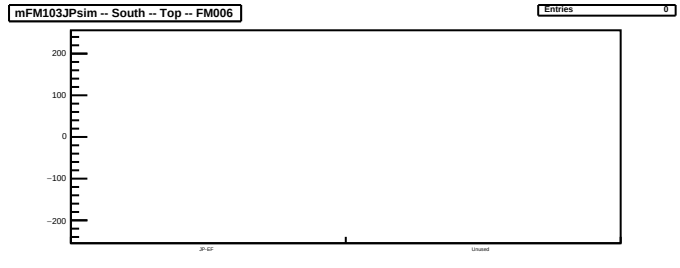
Entries 0
Unused


mFM103JP -- South -- Top -- FM006
Entries 48446
JP-EF
Unused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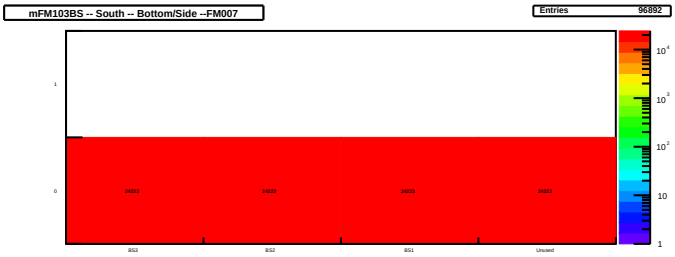
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 96892
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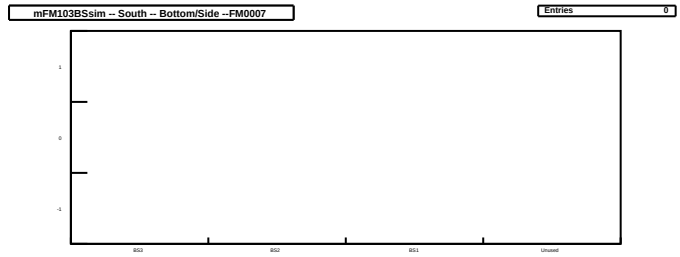
24223
24223
BS3
BS2
BS1
Unused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Entries 0
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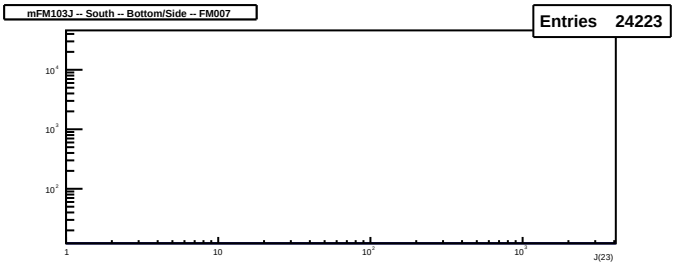
BS2
BS1
Unused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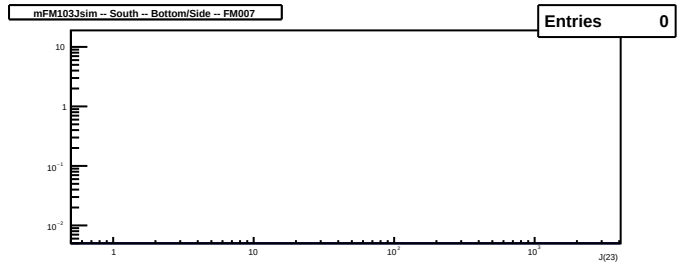
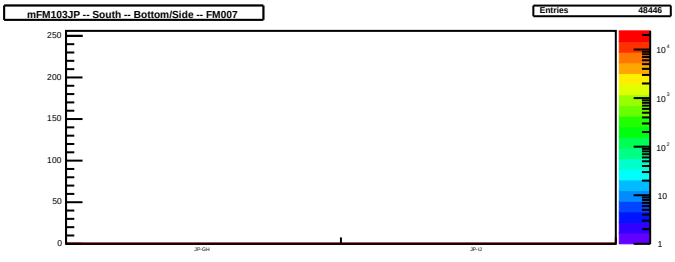
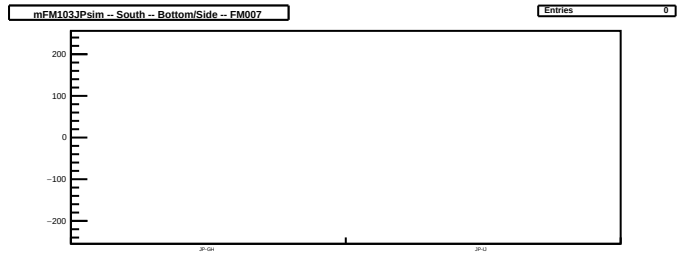
Entries 24223
J(23)


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


mFM103JP -- South -- Bottom/Side -- FM007
Entries 48446
JP-GH
JP-IJ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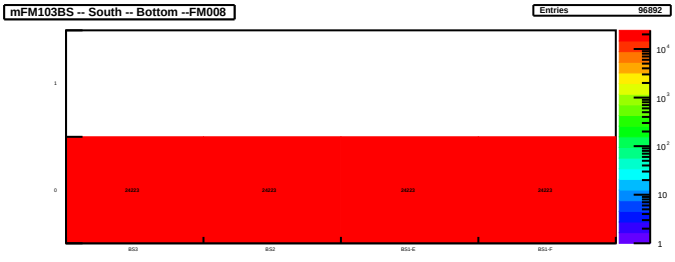
Entries 0
JP-GH
JP-IJ


mFM103BS -- South -- Bottom --FM008
Entries 96892
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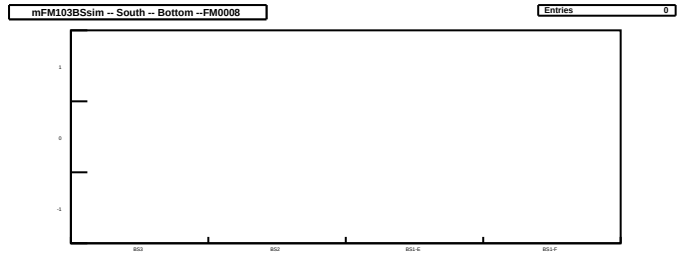
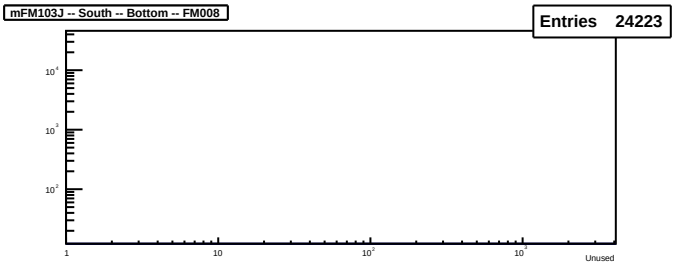
24223
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F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Entries 24223
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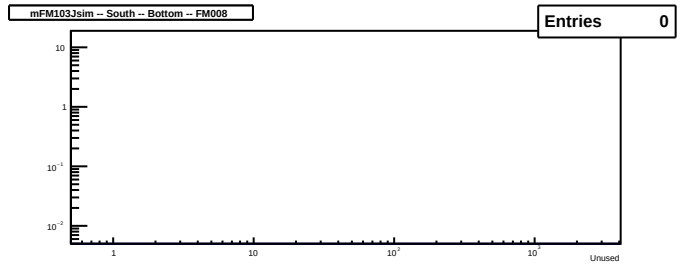
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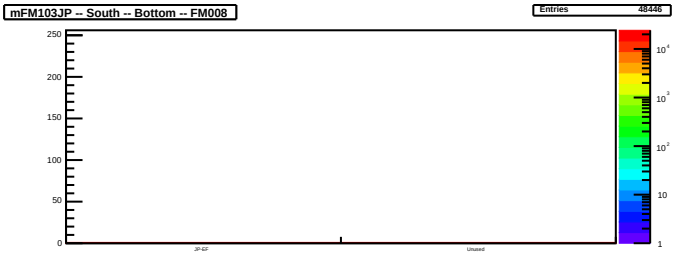
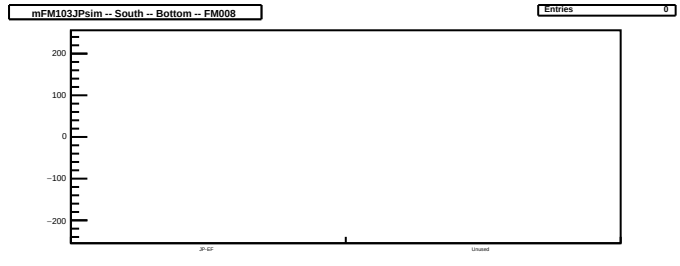
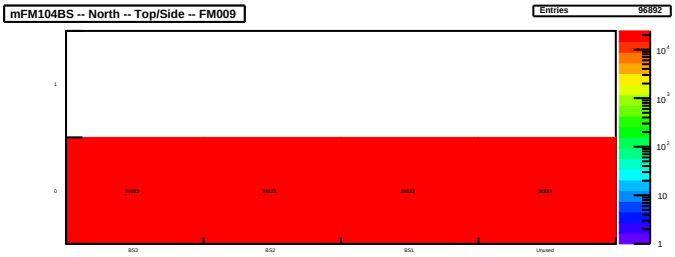
Entries 0
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 48446
JP-EF
Unused


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


mFM104BS -- North -- Top/Side -- FM009
Entries 96892
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BS3
BS2
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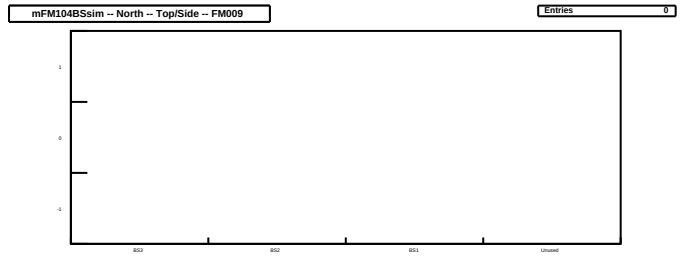
Unused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Entries 0
BS3
BS2
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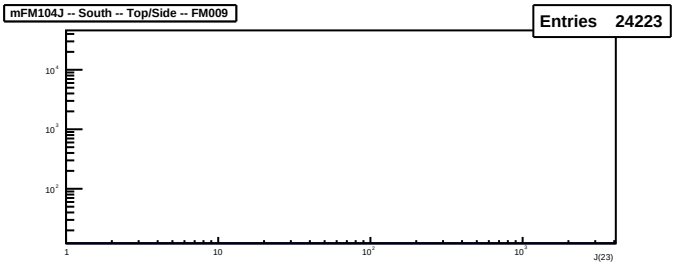
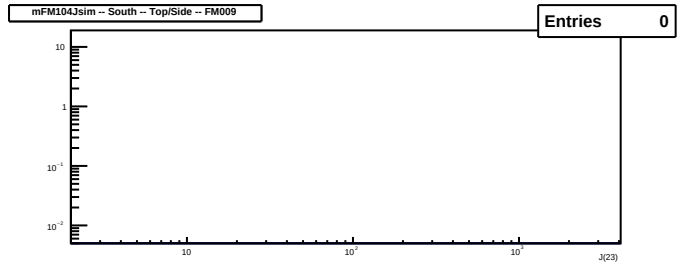
Unused


mFM104J -- South -- Top/Side -- FM009
Entries 24223
J(23)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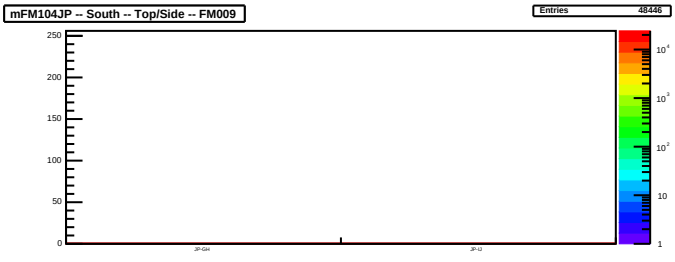
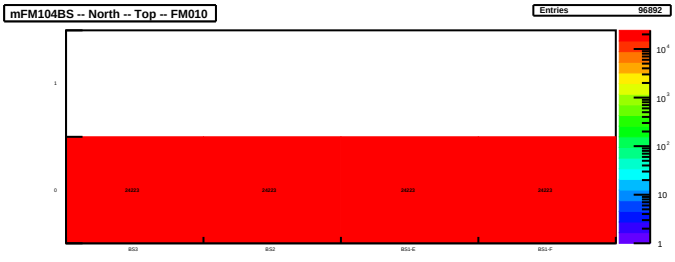
Entries 0
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 48446
JP-GH
JP-IJ

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


mFM104BS -- North -- Top -- FM010
Entries 96892
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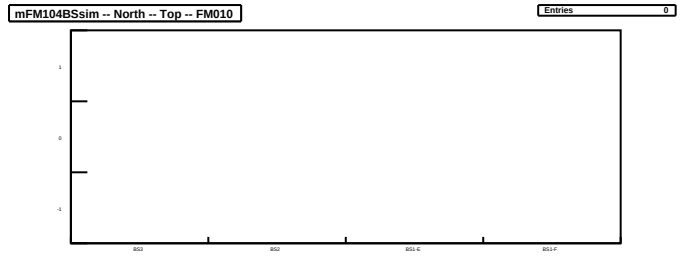
24223
24223
24223
BS3
BS2
BS1-E
BS1-F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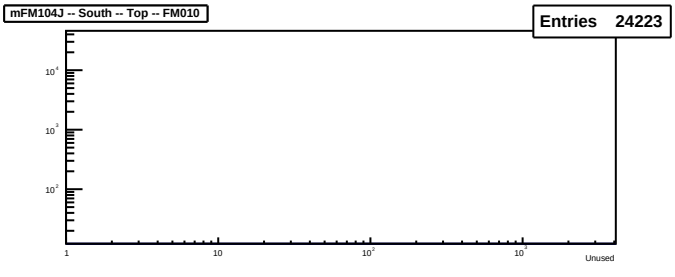
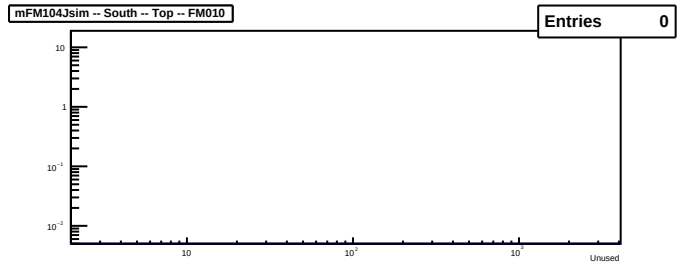
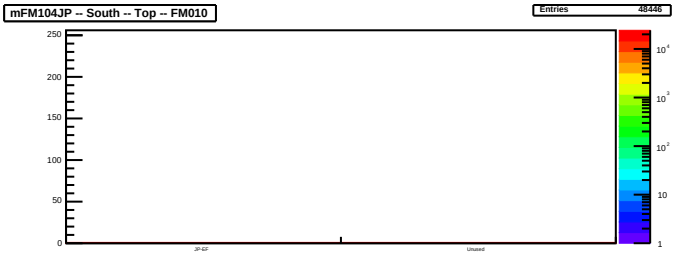
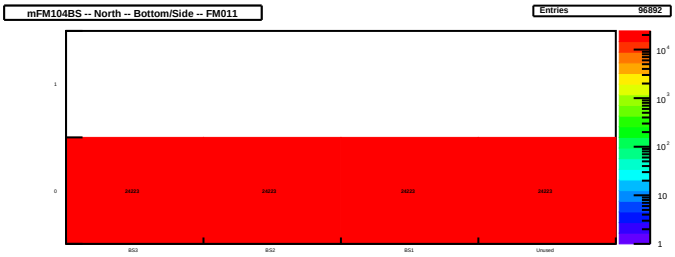
BS2
BS1-E
BS1-F

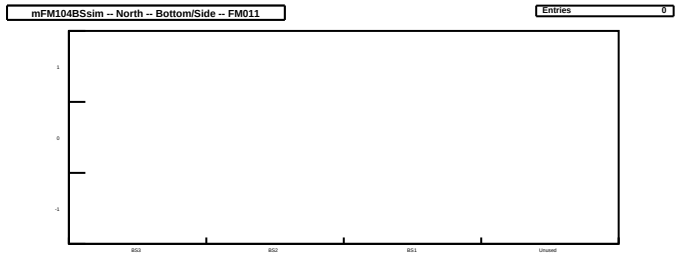

mFM104J -- South -- Top -- FM010
Entries 24223
Unused

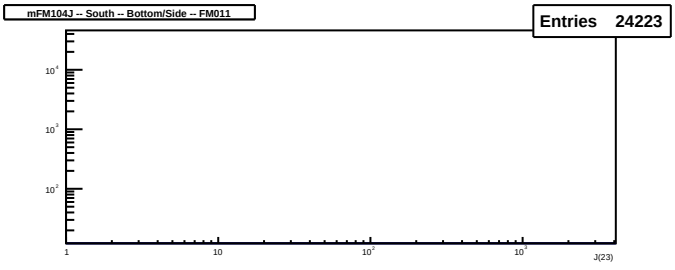

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

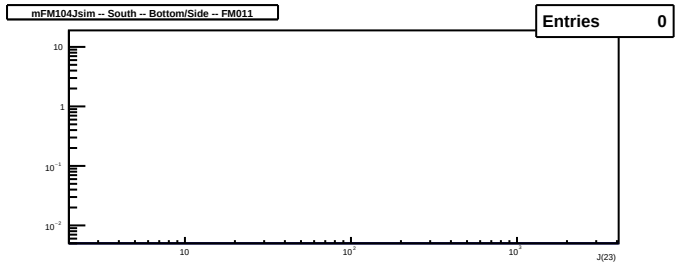

mFM104JP -- South -- Top -- FM010
Entries 48446
JP-EF
Unused

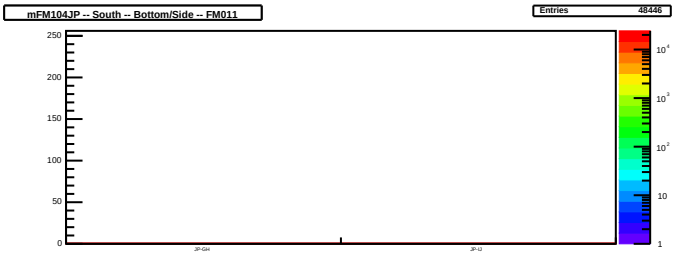
mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

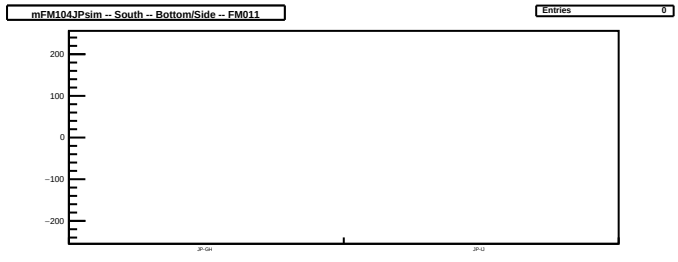

mFM104BS -- North -- Bottom/Side -- FM011
Entries 96892
24223
24223
24223
24223
BS3
BS2
BS1
Unused

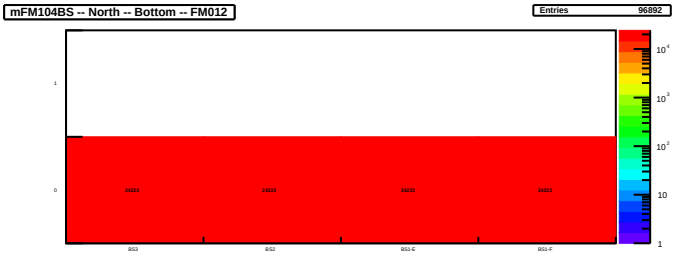

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

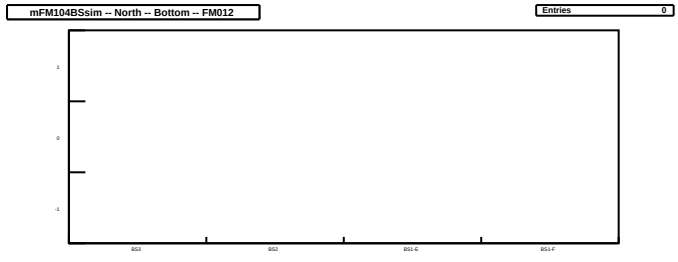

mFM104J -- South -- Bottom/Side -- FM011
Entries 24223
J(23)

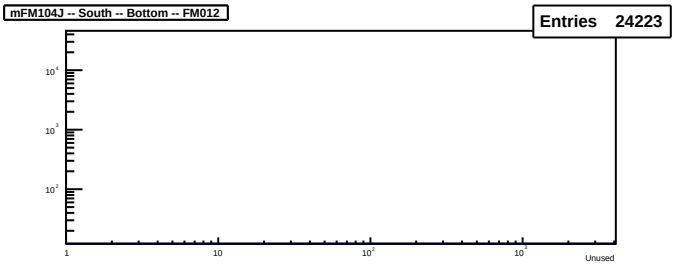

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

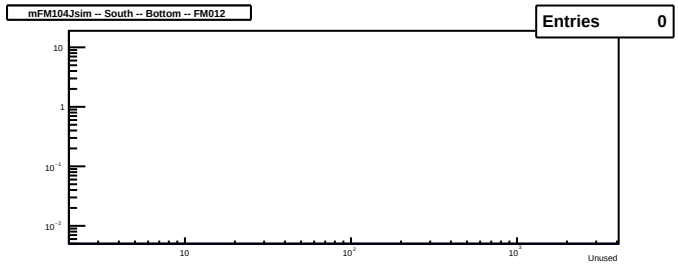

mFM104JP -- South -- Bottom/Side -- FM011
Entries 48446
JP-GH
JP-IJ


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


mFM104BS -- North -- Bottom -- FM012
Entries 96892
24223
24223
24223
24223
BS3
BS2
BS1-E
BS1-F

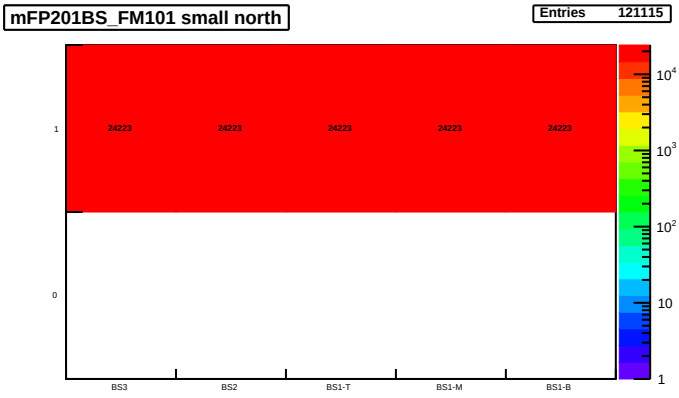

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

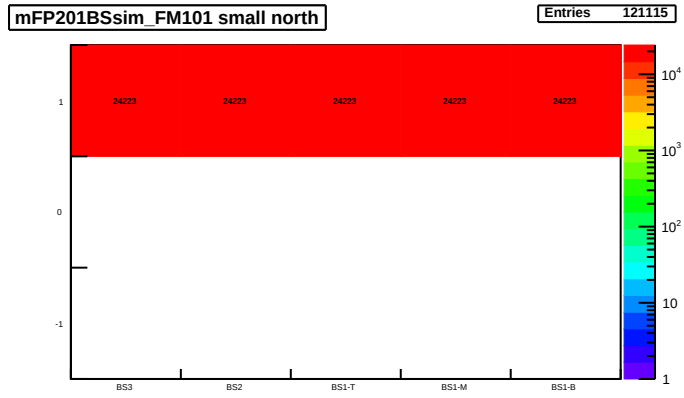

mFM104J -- South -- Bottom -- FM012
Entries 24223
Unused

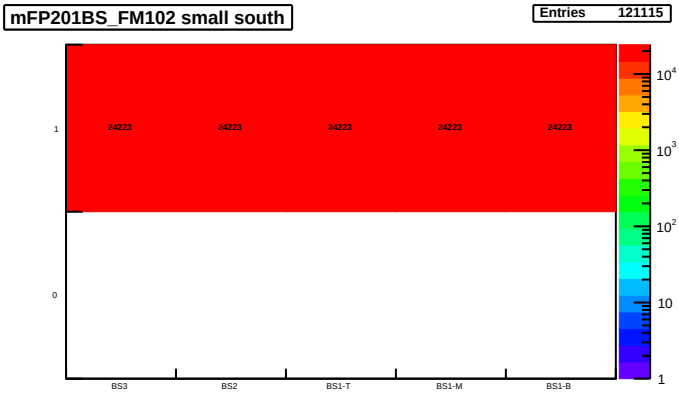

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

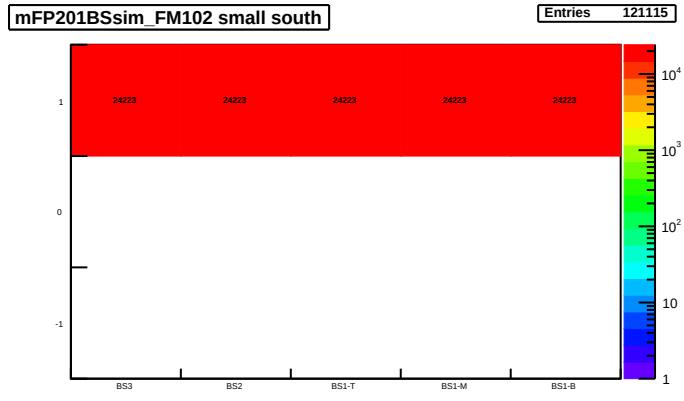
mFM104JP -- South -- Bottom -- FM012
Entries 48446
JP-EF
Unused

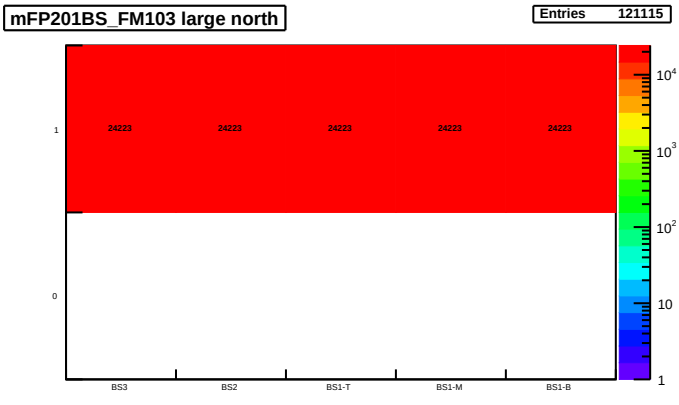
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

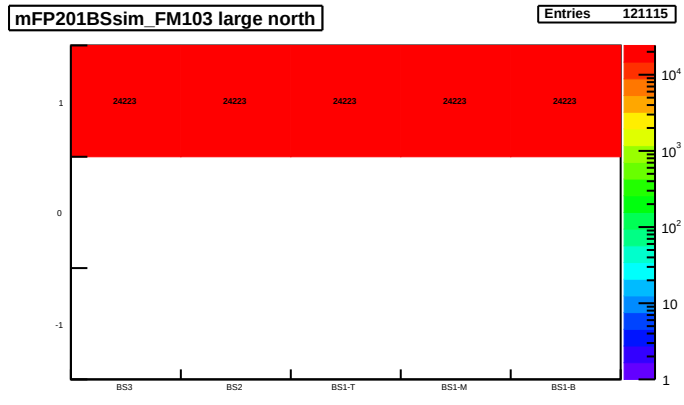

mFP201BS_FM101 small north
Entries 121115
24223
BS3
BS2
BS1-T
BS1-M
BS1-B

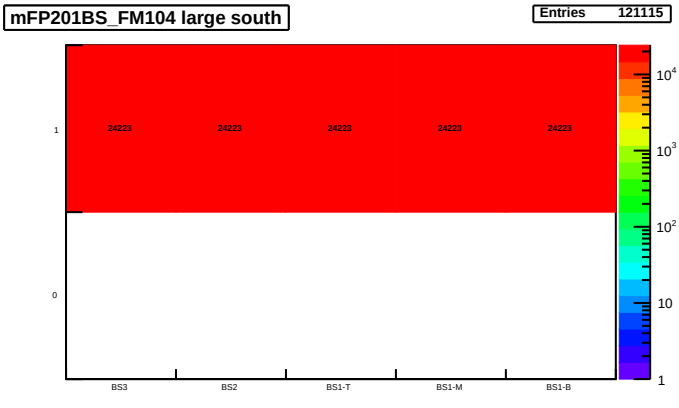

mFP201BSsim_FM101 small north
Entries 121115
24223
BS3
BS2
BS1-T
BS1-M
BS1-B

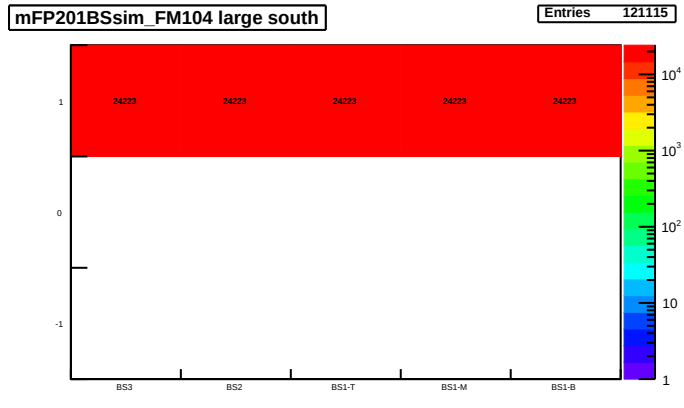

mFP201BS_FM102 small south
Entries 121115
24223
BS3
BS2
BS1-T
BS1-M
BS1-B

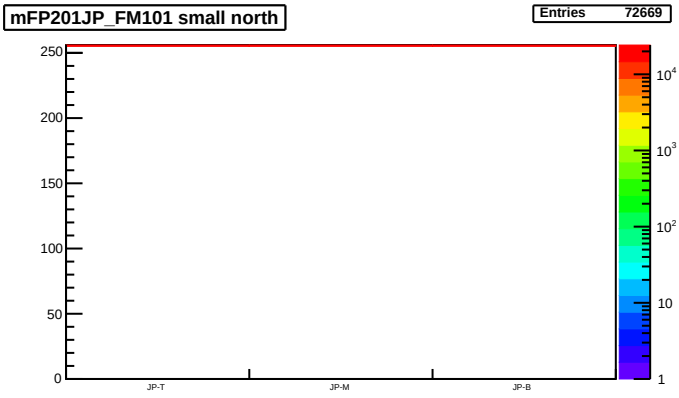

mFP201BSsim_FM102 small south
Entries 121115
24223
BS3
BS2
BS1-T
BS1-M
BS1-B

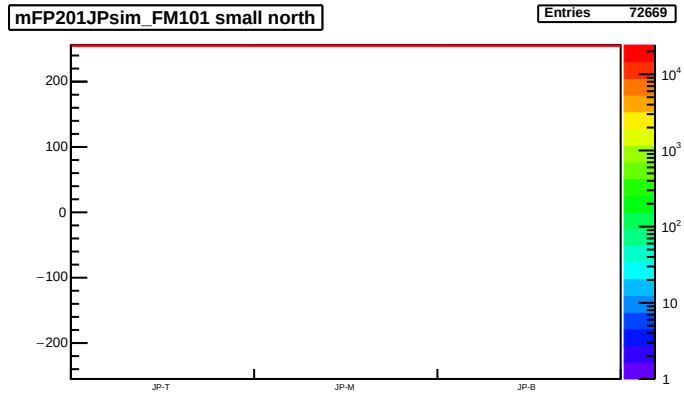

mFP201BS_FM103 large north
Entries 121115
24223
BS3
BS2
BS1-T
BS1-M
BS1-B

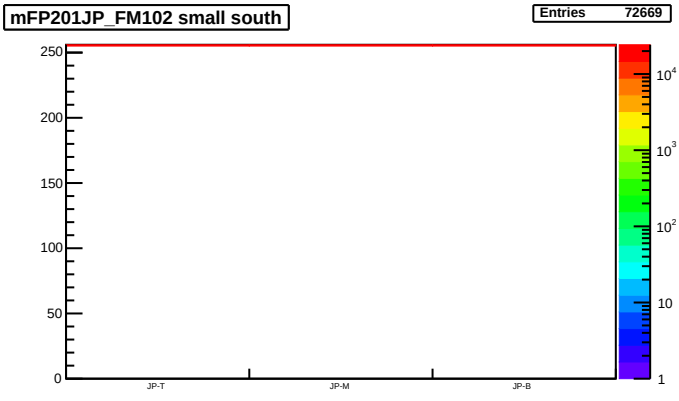

mFP201BSsim_FM103 large north
Entries 121115
24223
BS3
BS2
BS1-T
BS1-M
BS1-B

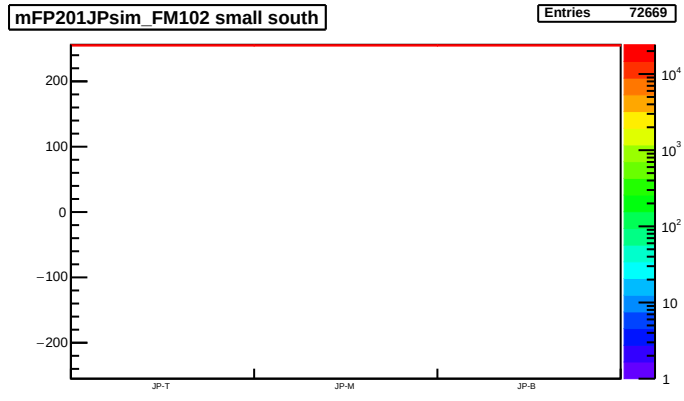

mFP201BS_FM104 large south
Entries 121115
24223
BS3
BS2
BS1-T
BS1-M
BS1-B

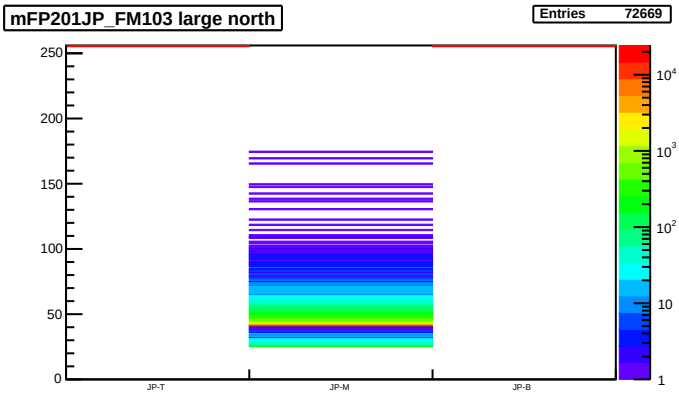

mFP201BSsim_FM104 large south
Entries 121115
24223
BS3
BS2
BS1-T
BS1-M
BS1-B

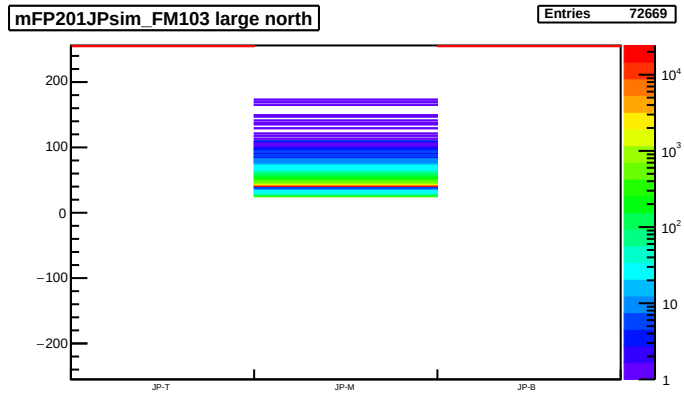

mFP201JP_FM101 small north
Entries 72669
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

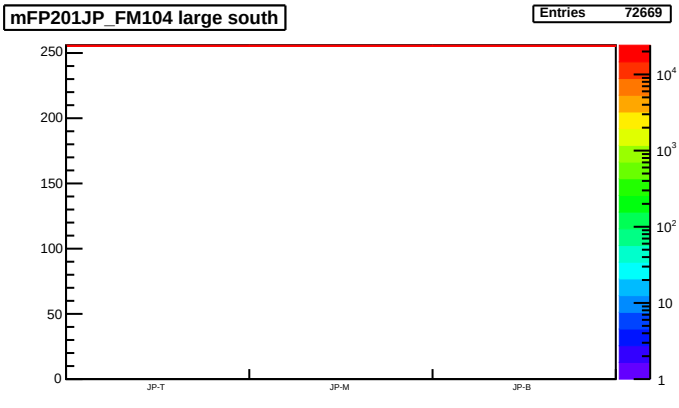

mFP201JPsim_FM101 small north
Entries 72669
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1


mFP201JP_FM102 small south
Entries 72669
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 72669
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1


mFP201JP_FM103 large north
Entries 72669
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 72669
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1


mFP201JP_FM104 large south
Entries 72669
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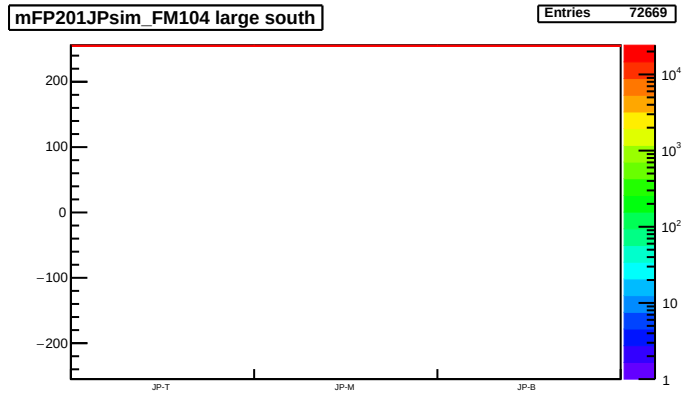
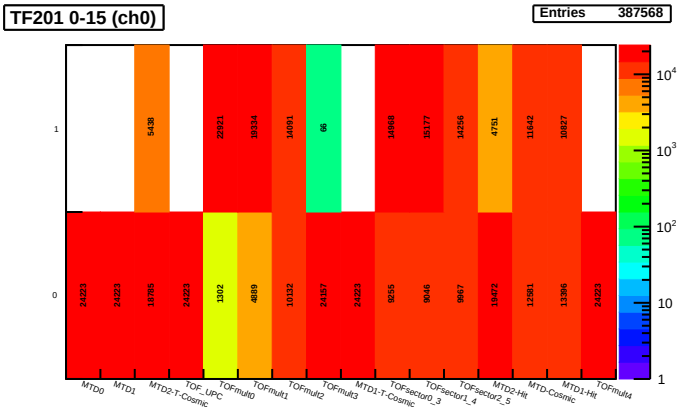
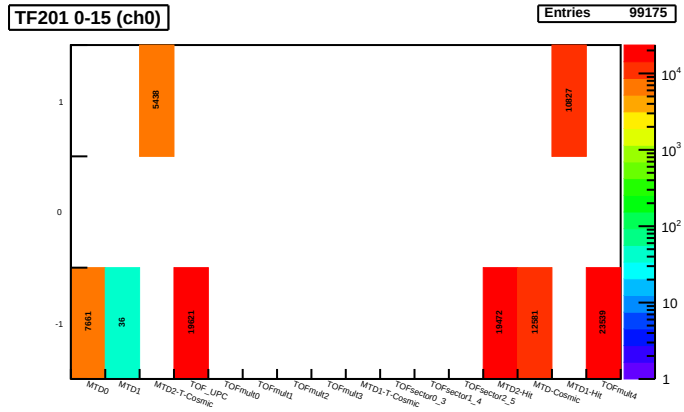
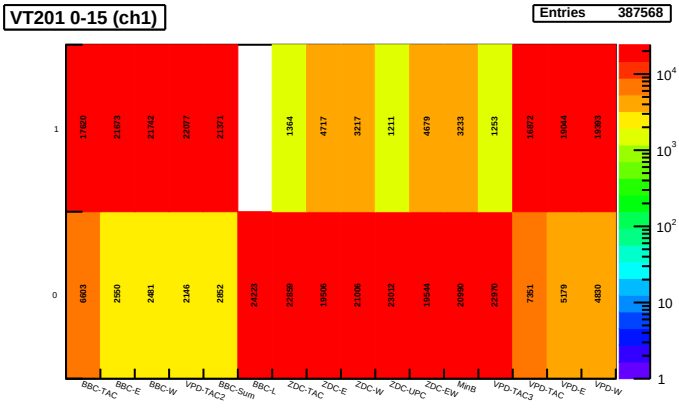
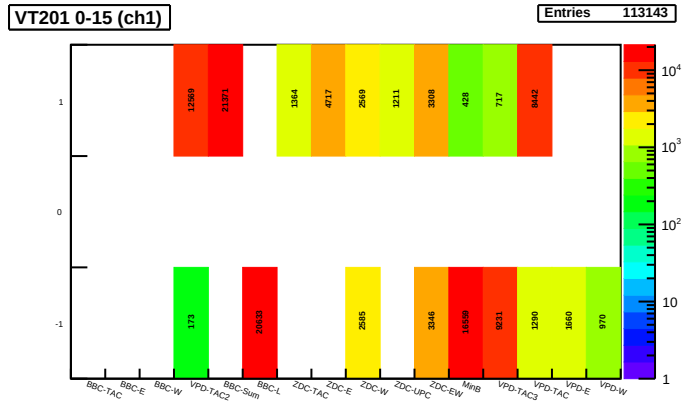
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

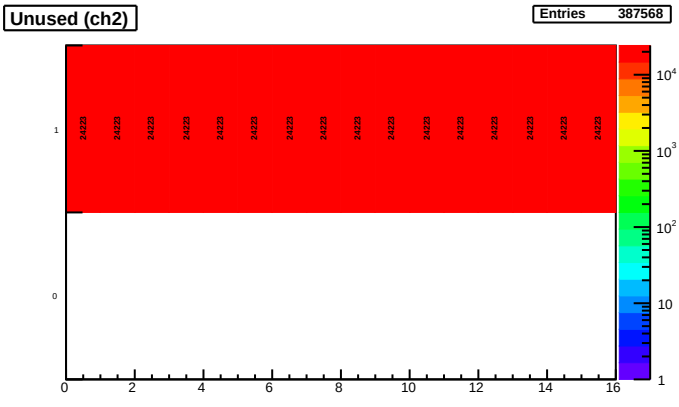

mFP201JPsim_FM104 large south
Entries 72669
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

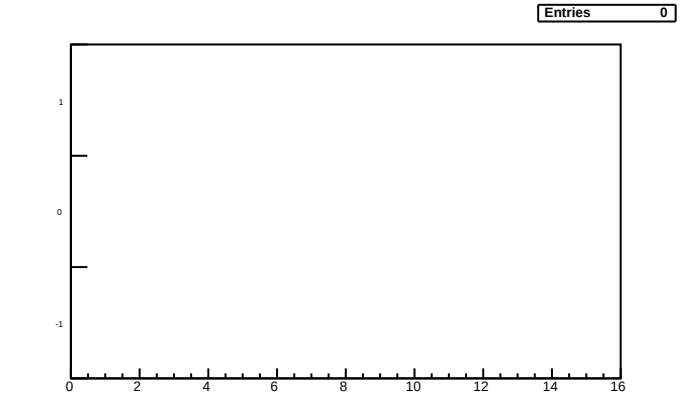

TF201 0-15 (ch0)
Entries 387568
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

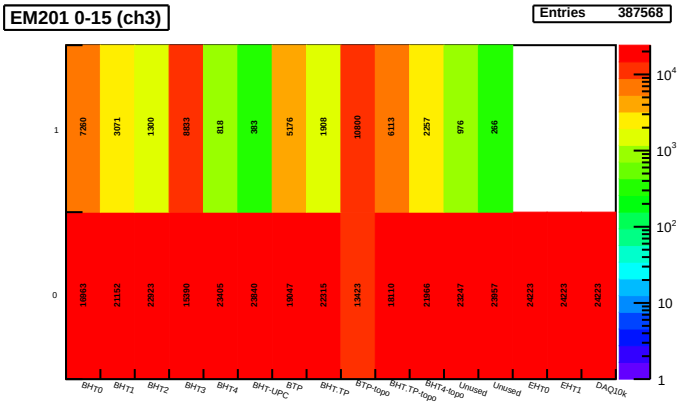

TF201 0-15 (ch0)
Entries 99175
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

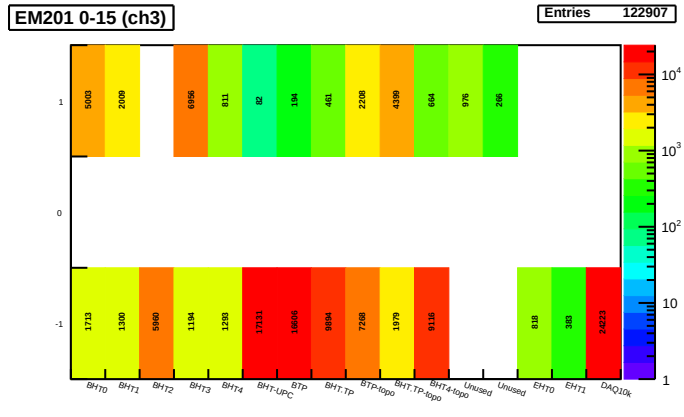

VT201 0-15 (ch1)
Entries 387568
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W


VT201 0-15 (ch1)
Entries 113143
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

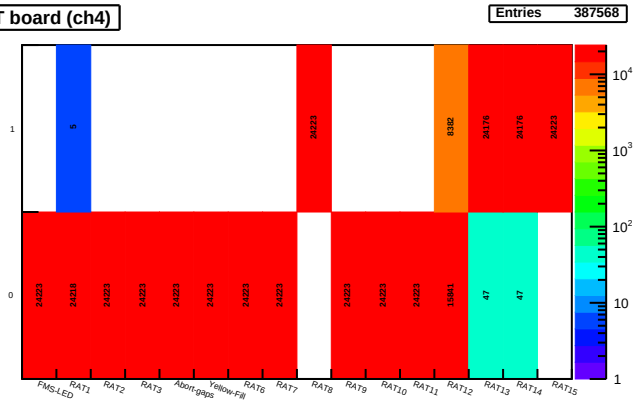

Unused (ch2)
Entries 387568

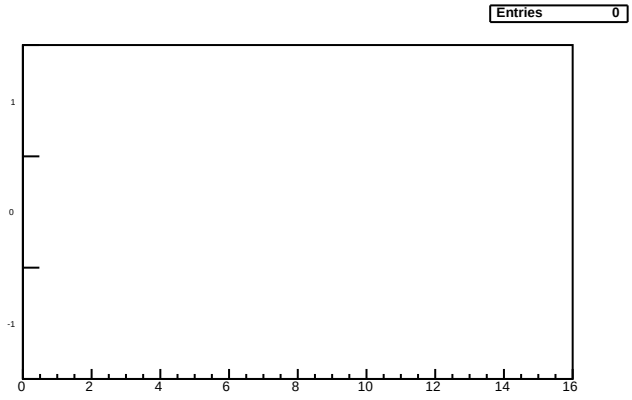

Entries 0


EM201 0-15 (ch3)
Entries 387568
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

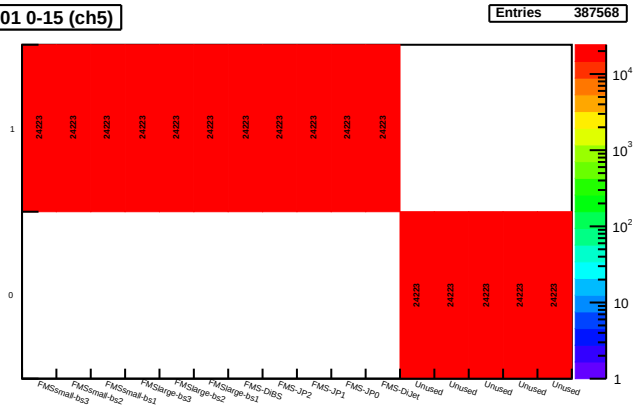

EM201 0-15 (ch3)
Entries 122907
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

RAT board (ch4)

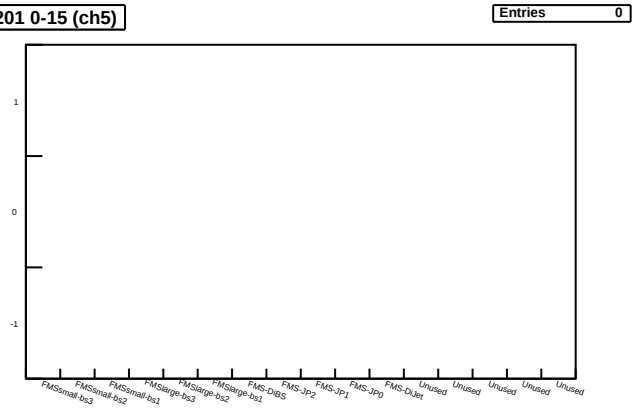




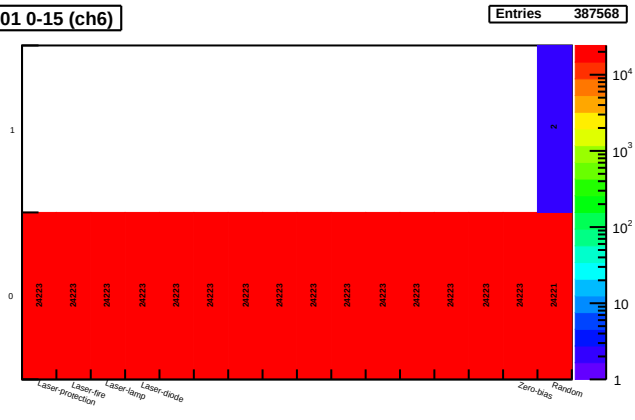
FP201 0-15 (ch5)

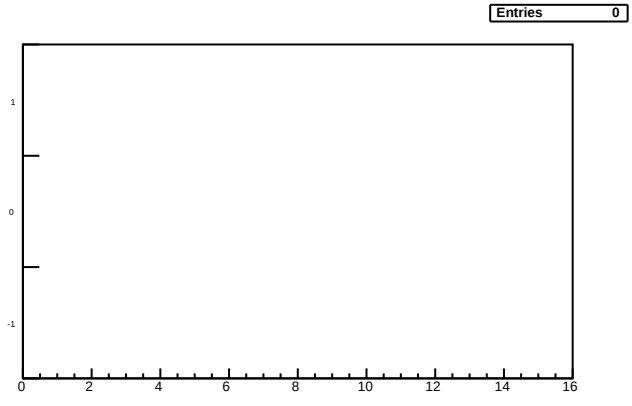
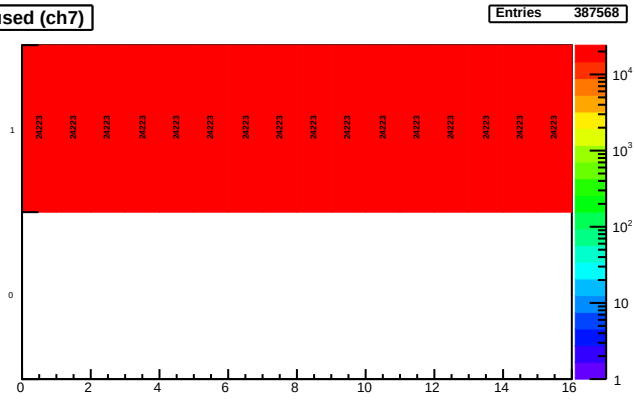
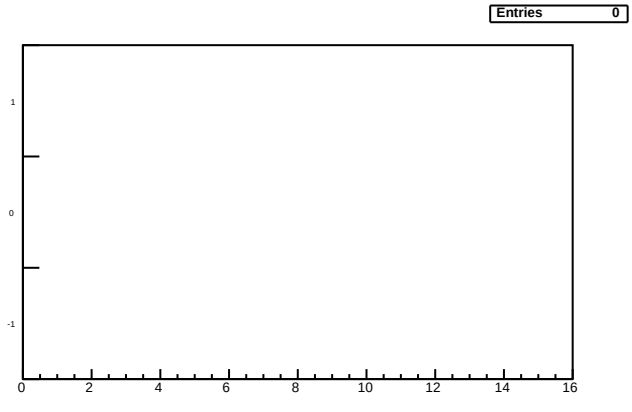


FP201 0-15 (ch5)



ST201 0-15 (ch6)





Unused (ch7)