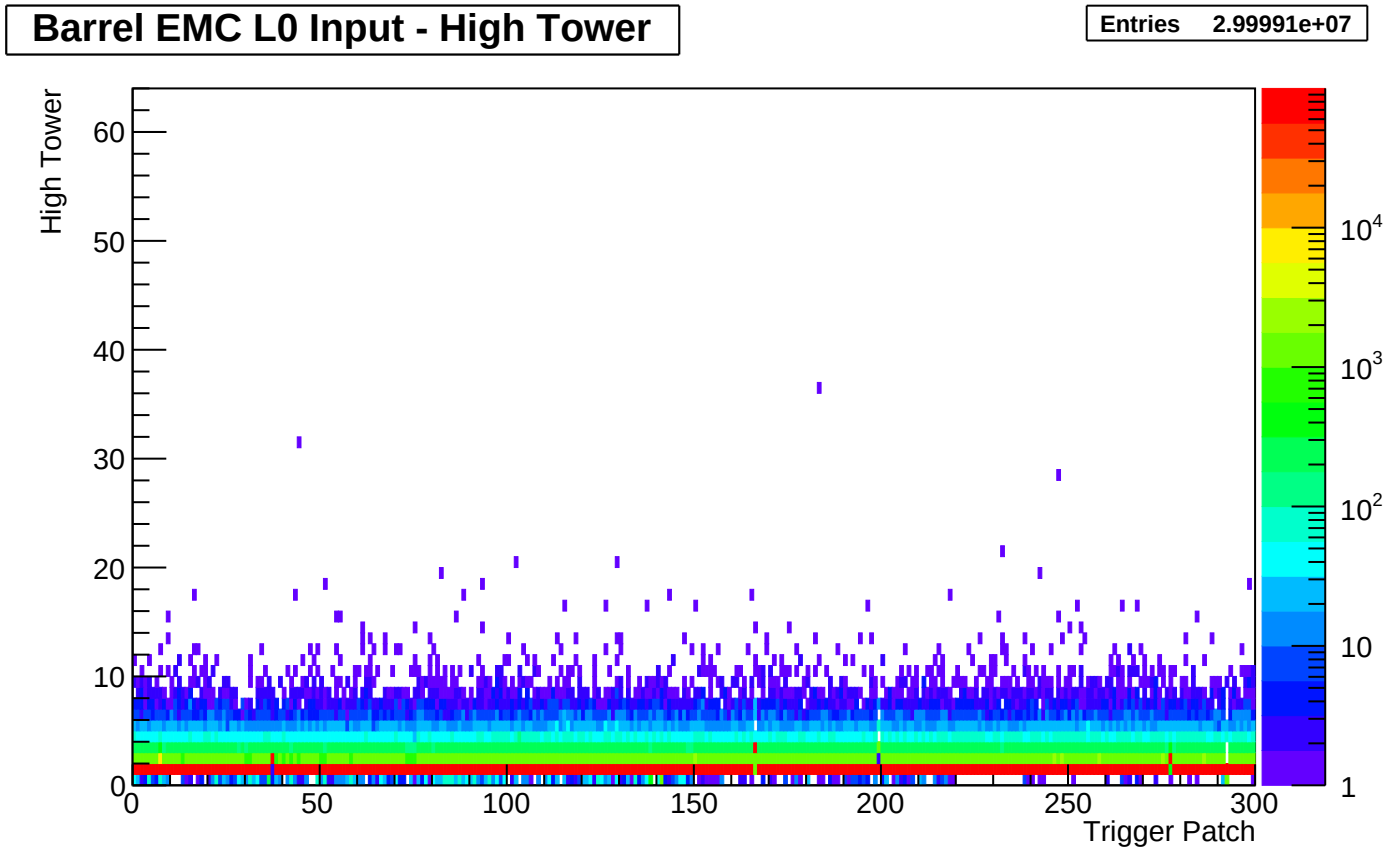
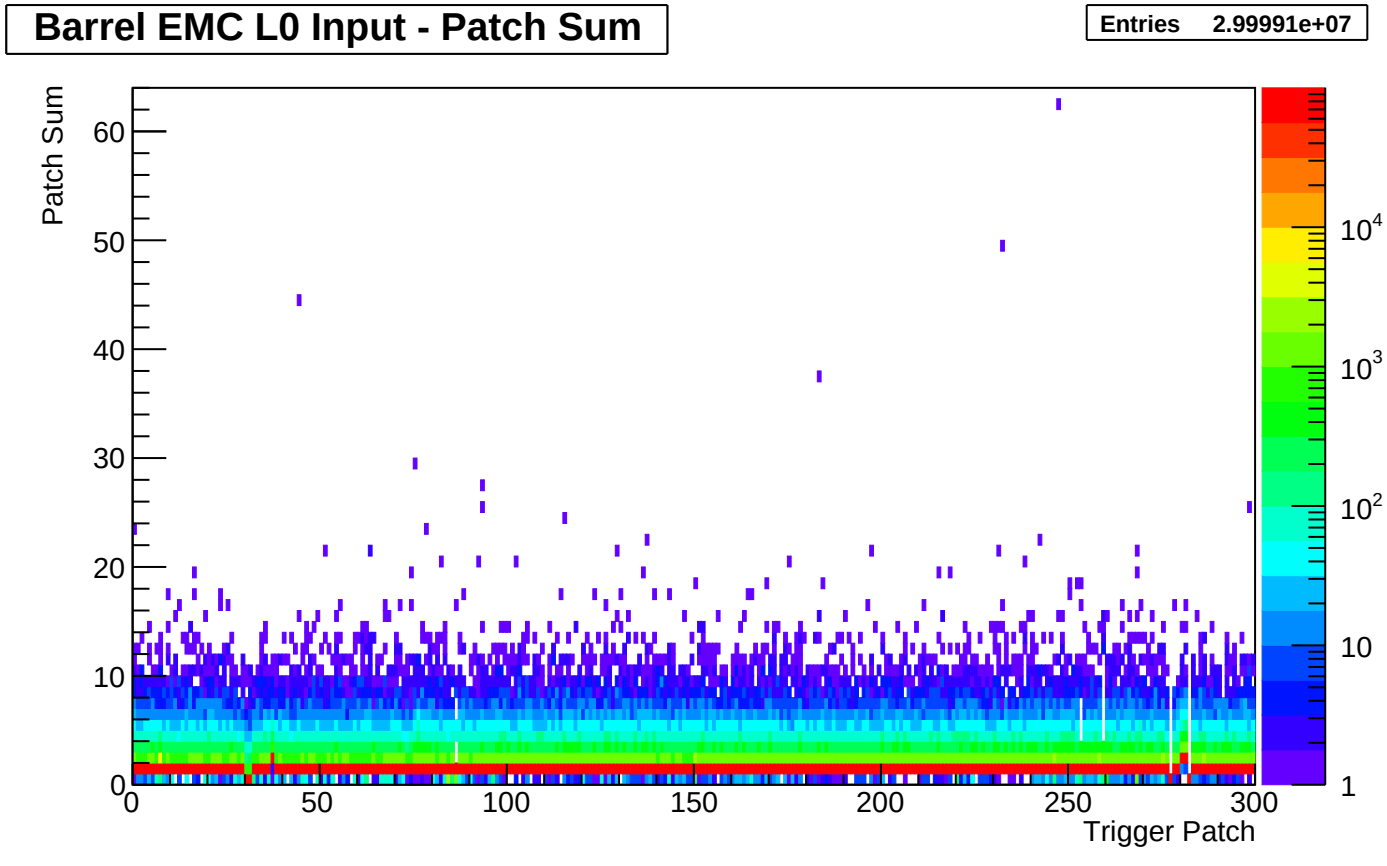
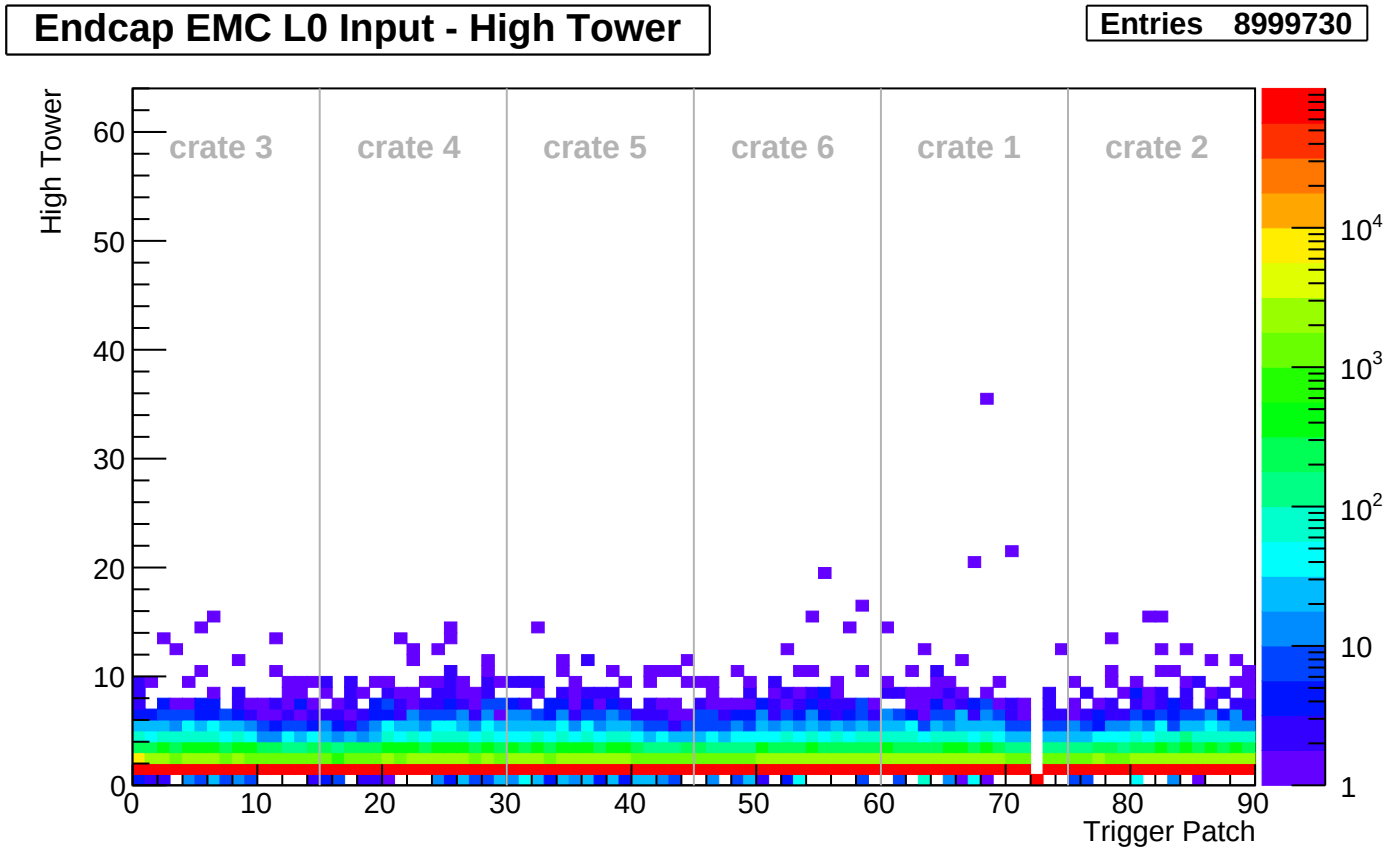
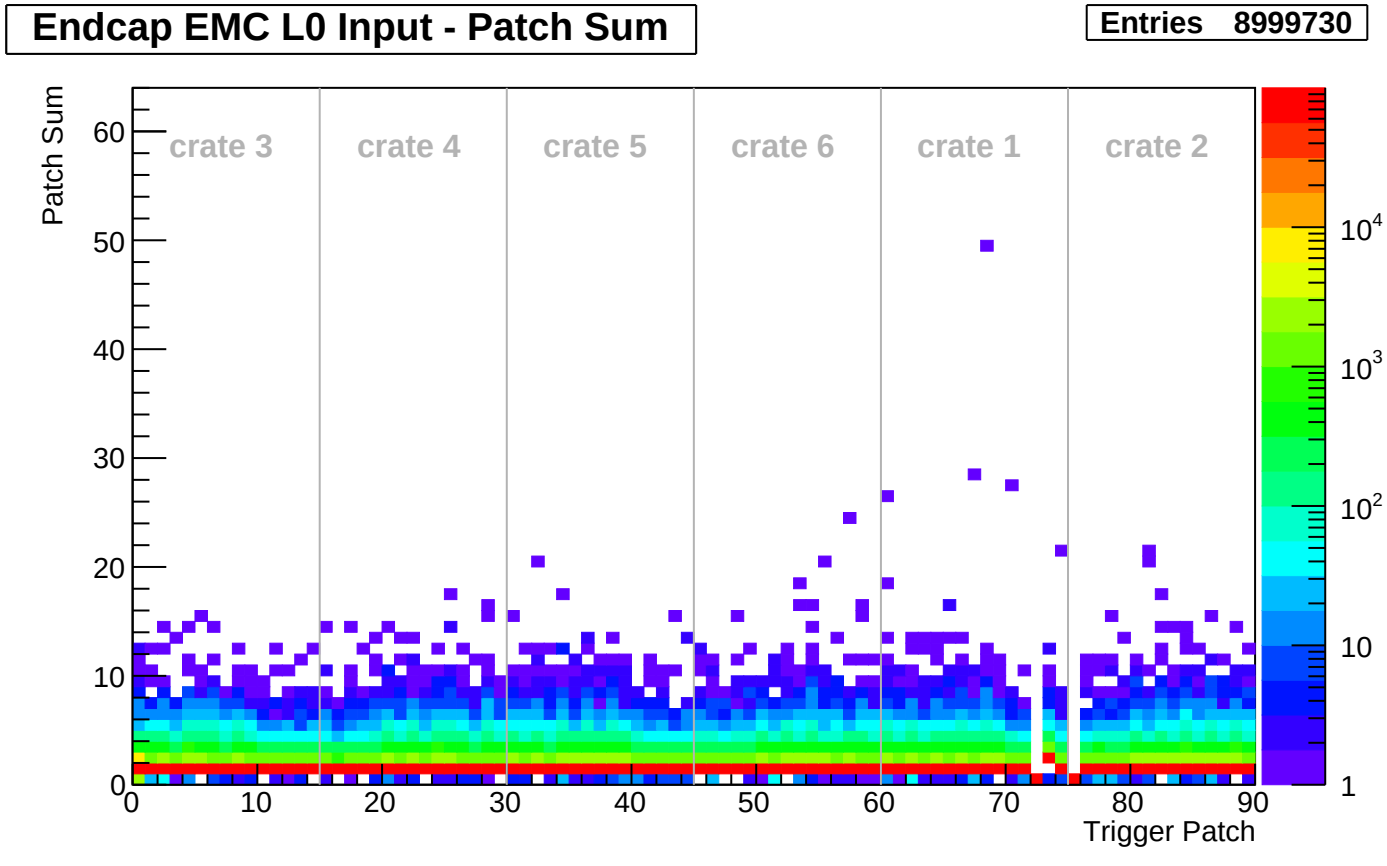
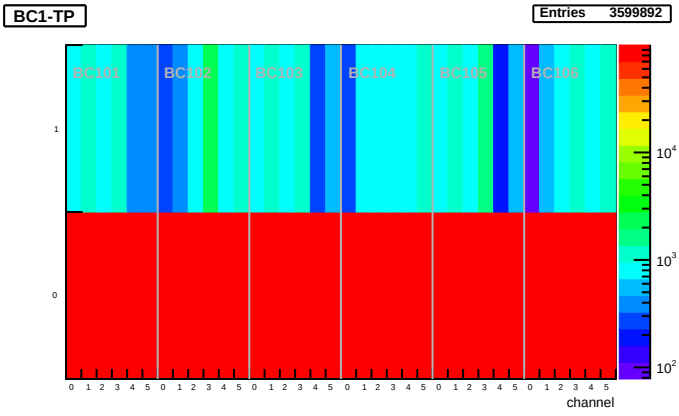
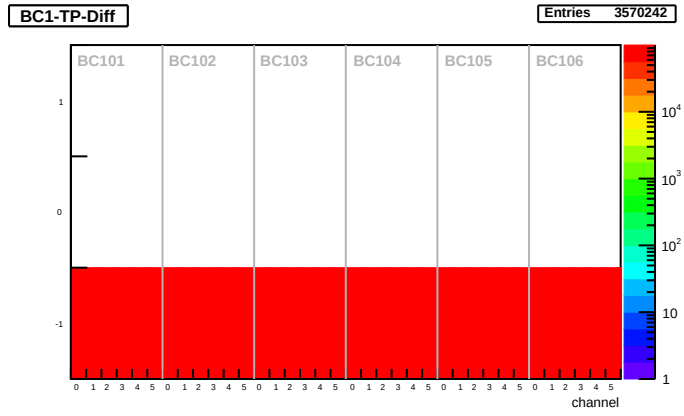

Barrel EMC L0 Input - High Tower
Entries 2.99991e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

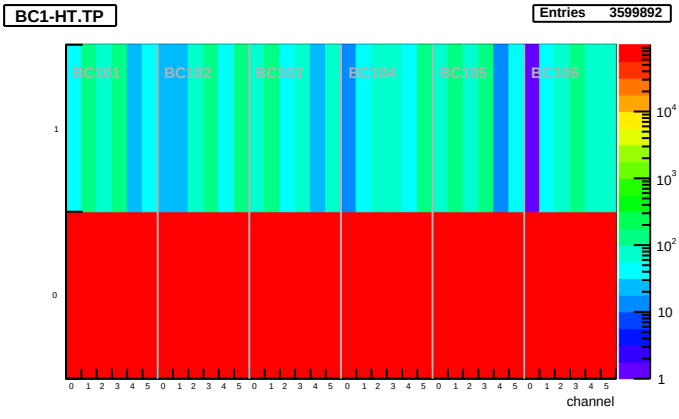

Barrel EMC L0 Input - Patch Sum
Entries 2.99991e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

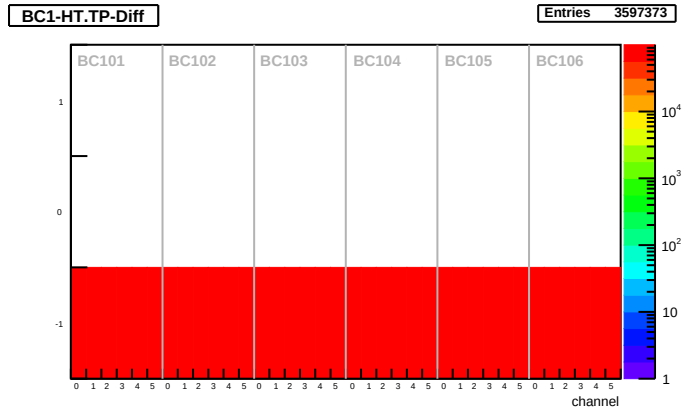

Endcap EMC L0 Input - High Tower
Entries 8999730
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

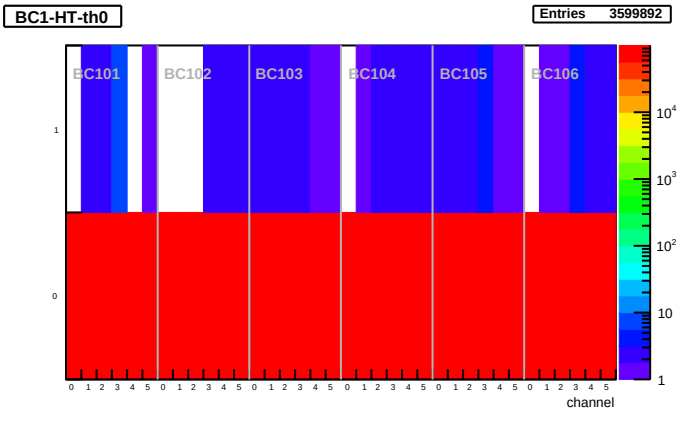

Endcap EMC L0 Input - Patch Sum
Entries 8999730
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

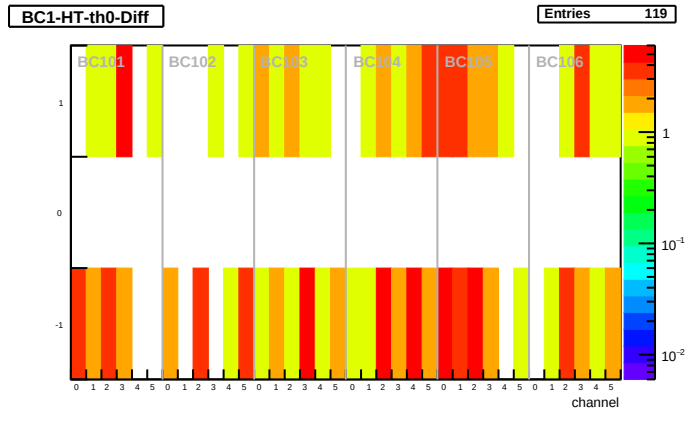

BC1-TP
Entries 3599892
BC101
BC102
BC103
BC104
BC105
BC106
channel

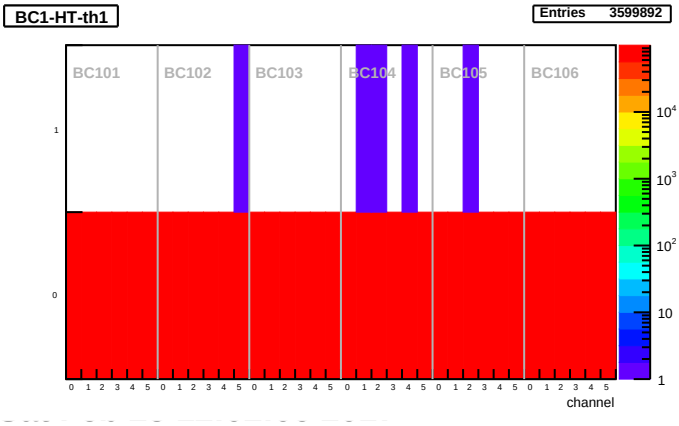

BC1-TP-Diff
Entries 3570242
BC101
BC102
BC103
BC104
BC105
BC106
channel

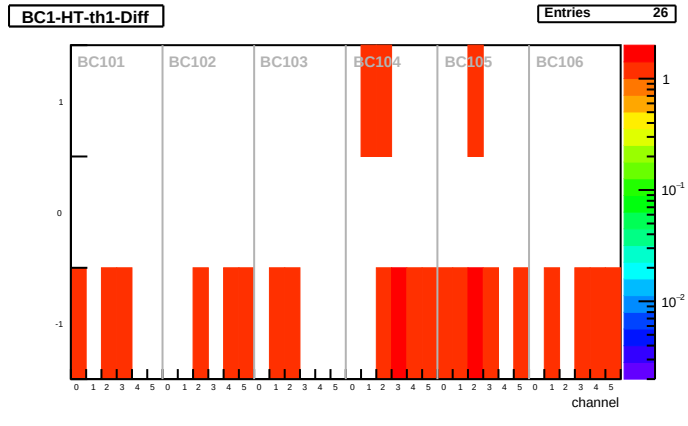

BC1-HT.TP
Entries 3599892
BC101
BC102
BC103
BC104
BC105
BC106
channel

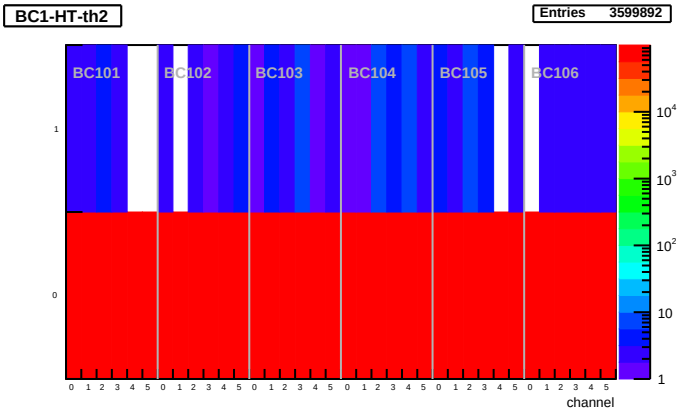

BC1-HT.TP-Diff
Entries 3597373
BC101
BC102
BC103
BC104
BC105
BC106
channel

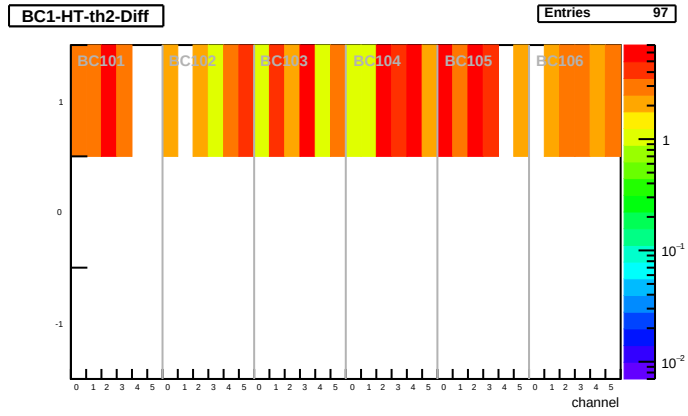

BC1-HT-th0
Entries 3599892
BC101
BC102
BC103
BC104
BC105
BC106
channel

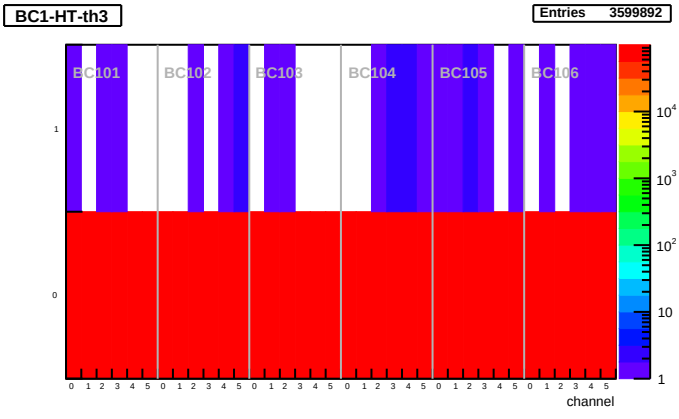

BC1-HT-th0-Diff
Entries 119
BC101
BC102
BC103
BC104
BC105
BC106
channel

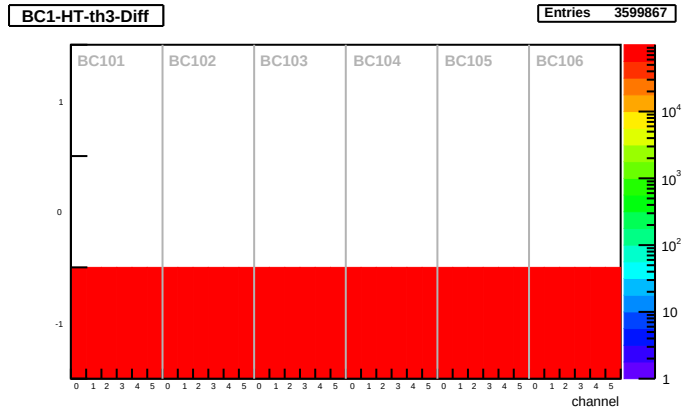

BC1-HT-th1
Entries 3599892
BC101
BC102
BC103
BC104
BC105
BC106
channel

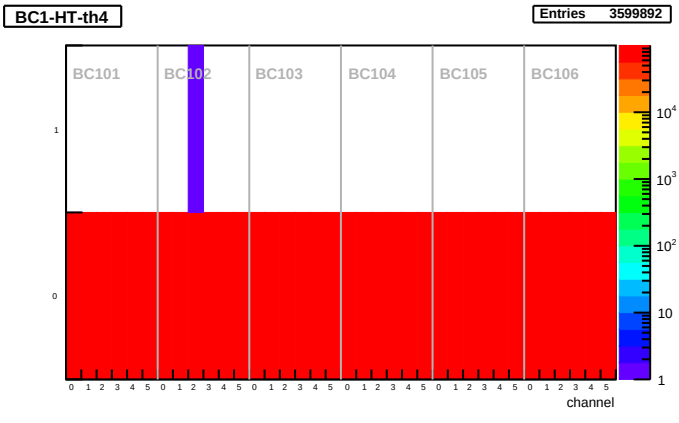

BC1-HT-th1-Diff
Entries 26
BC101
BC102
BC103
BC104
BC105
BC106
channel

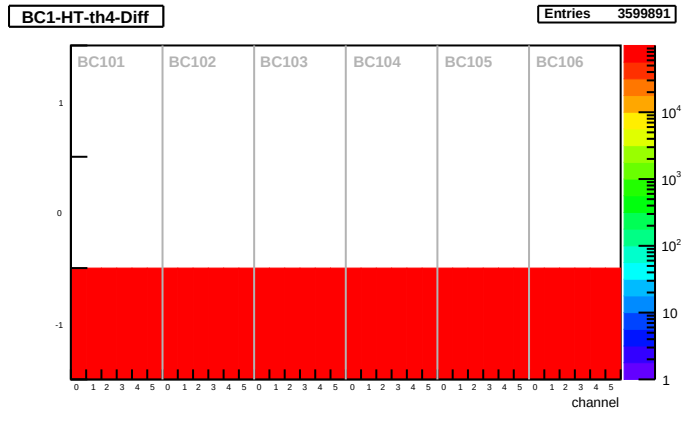

BC1-HT-th2
Entries 3599892
BC101
BC102
BC103
BC104
BC105
BC106
channel

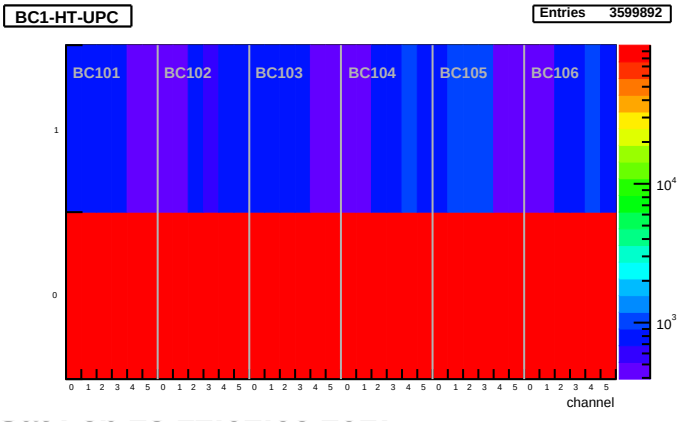

BC1-HT-th2-Diff
Entries 97
BC101
BC102
BC103
BC104
BC105
BC106
channel

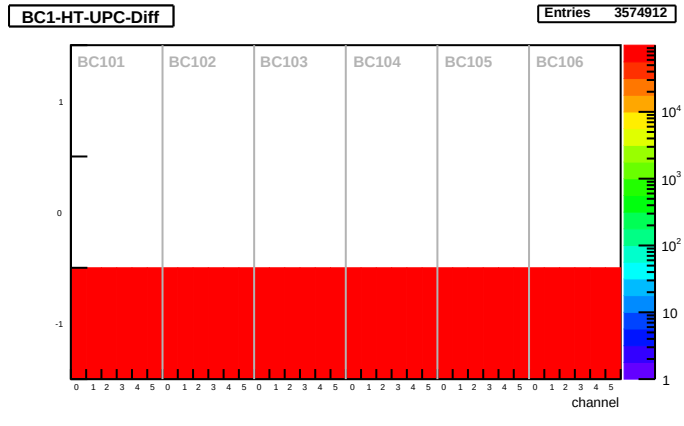

BC1-HT-th3
Entries 3599892
BC101
BC102
BC103
BC104
BC105
BC106
channel

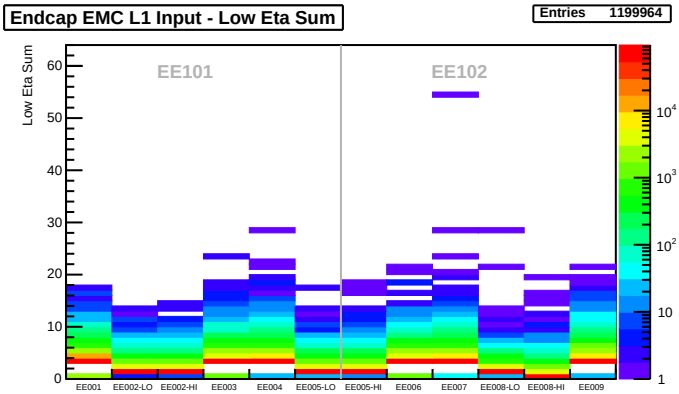

BC1-HT-th3-Diff
Entries 3599867
BC101
BC102
BC103
BC104
BC105
BC106
channel

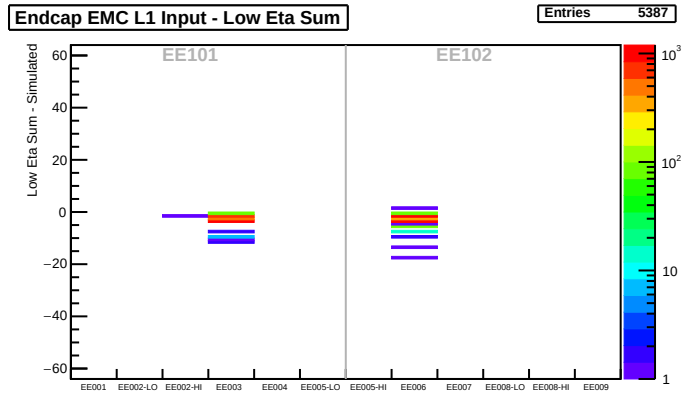

BC1-HT-th4
Entries 3599892
BC101
BC102
BC103
BC104
BC105
BC106
channel

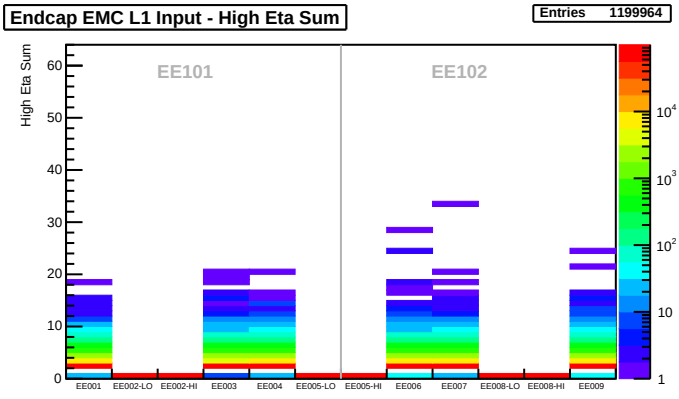

BC1-HT-th4-Diff
Entries 3599891
BC101
BC102
BC103
BC104
BC105
BC106
channel

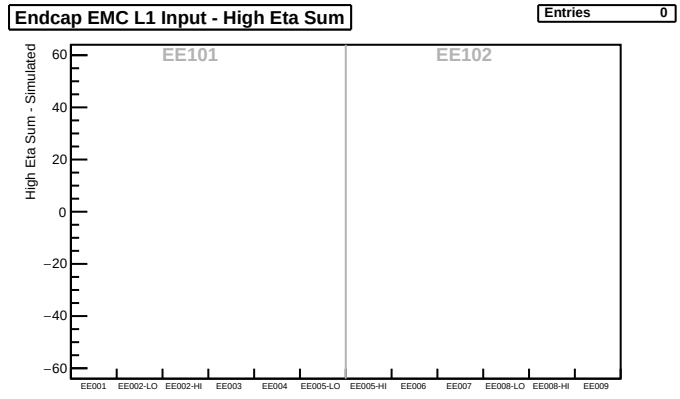

BC1-HT-UPC
Entries 3599892
BC101
BC102
BC103
BC104
BC105
BC106
channel

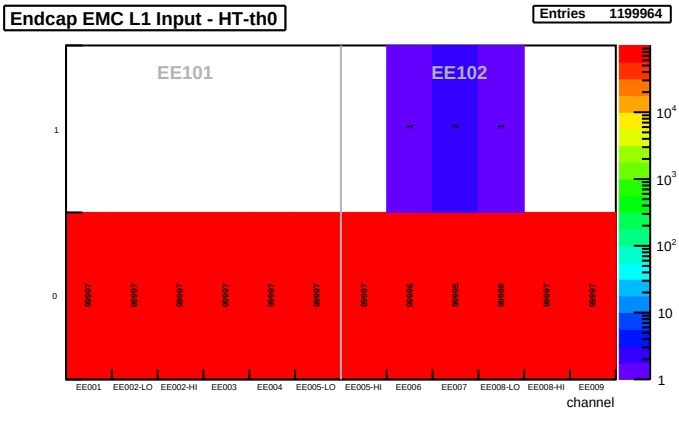

BC1-HT-UPC-Diff
Entries 3574912
BC101
BC102
BC103
BC104
BC105
BC106
channel

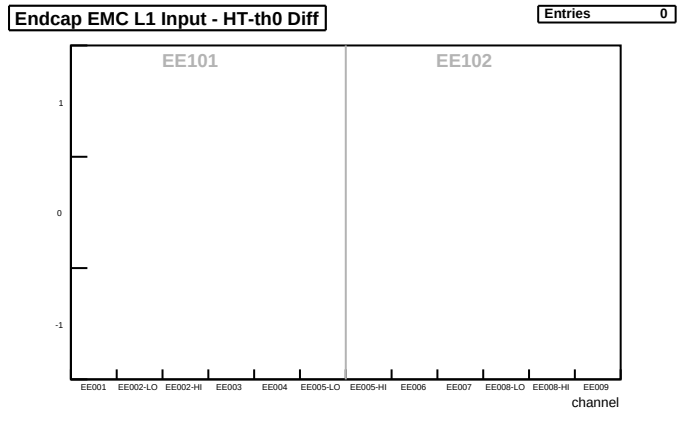

Endcap EMC L1 Input - Low Eta Sum
Entries 1199964
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

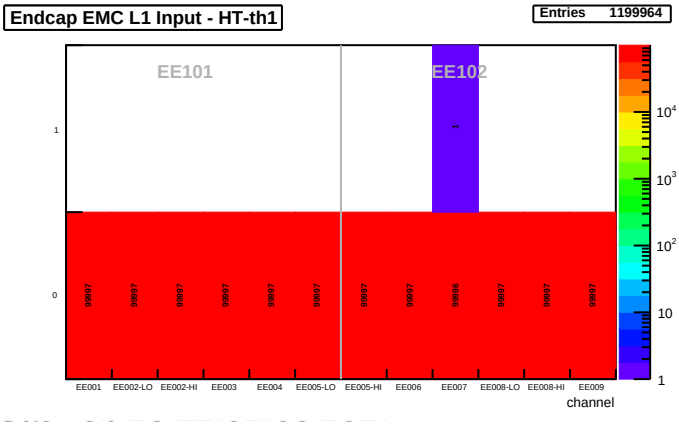

Endcap EMC L1 Input - Low Eta Sum
Entries 5387
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

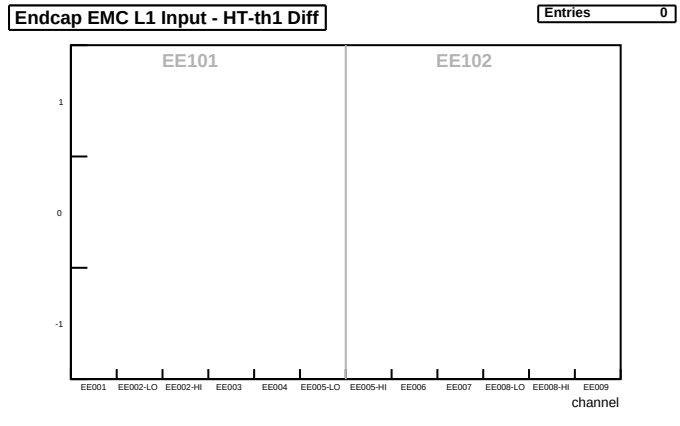

Endcap EMC L1 Input - High Eta Sum
Entries 1199964
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

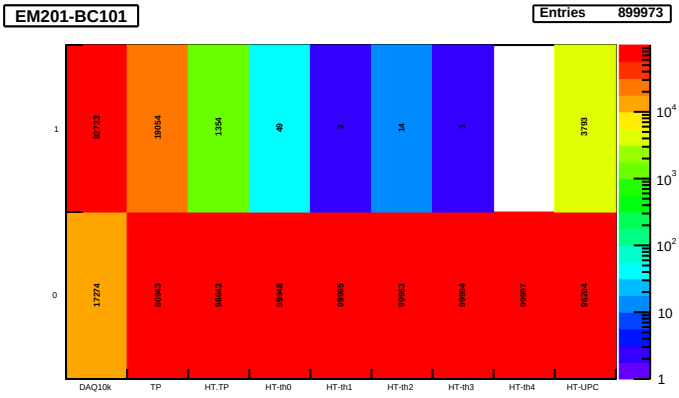

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

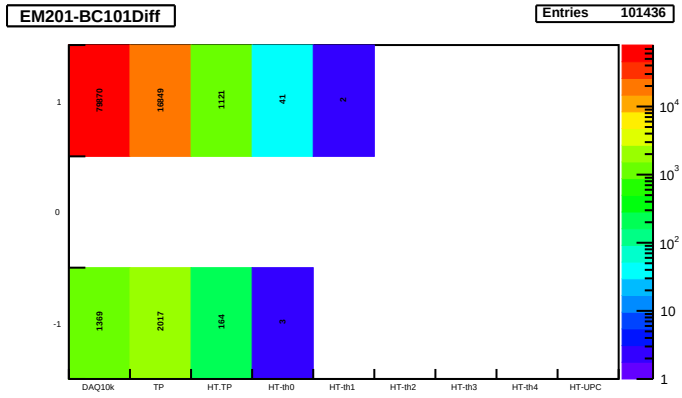

Endcap EMC L1 Input - HT-th0
Entries 1199964
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

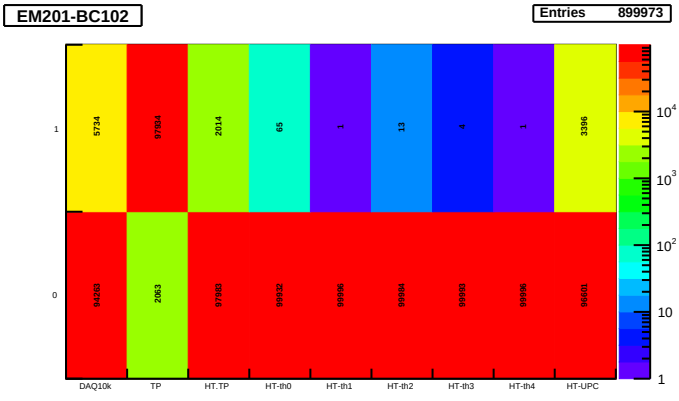

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

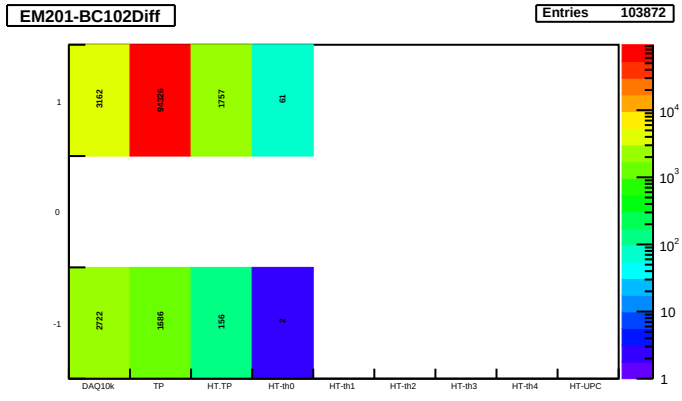

Endcap EMC L1 Input - HT-th1
Entries 1199964
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

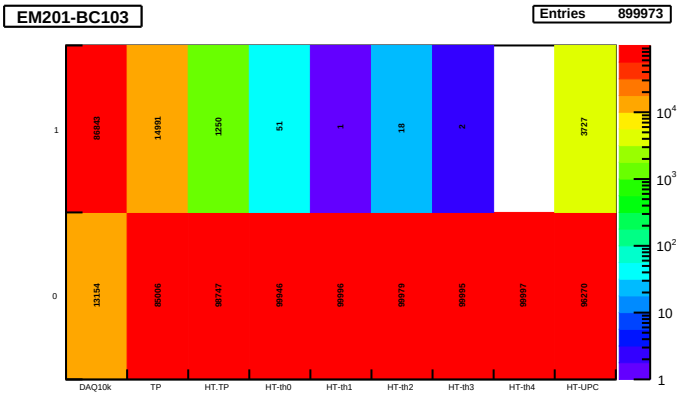

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

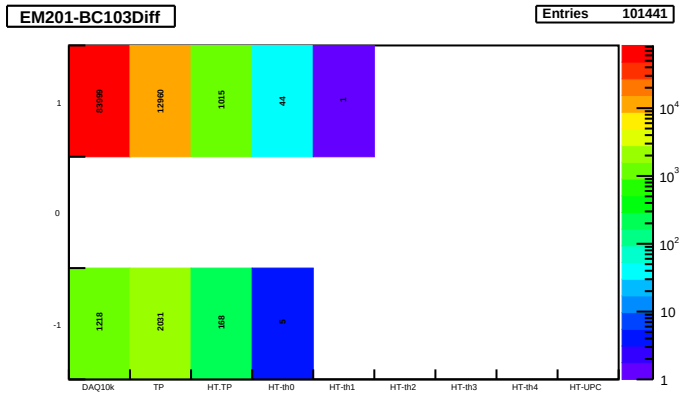

EM201-BC101
Entries 899973
1
0
82723
19054
1354
49
2
14
3
3789
17274
80943
98943
99948
99995
99983
99994
99997
96204
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

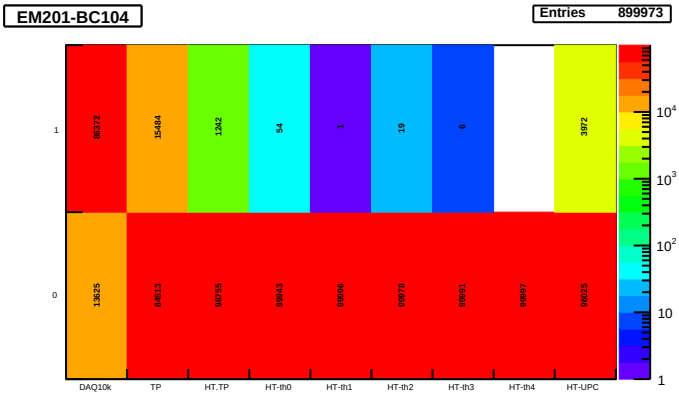

EM201-BC101Diff
Entries 101436
1
0
-1
79870
16849
1121
41
2
1369
2017
164
3
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

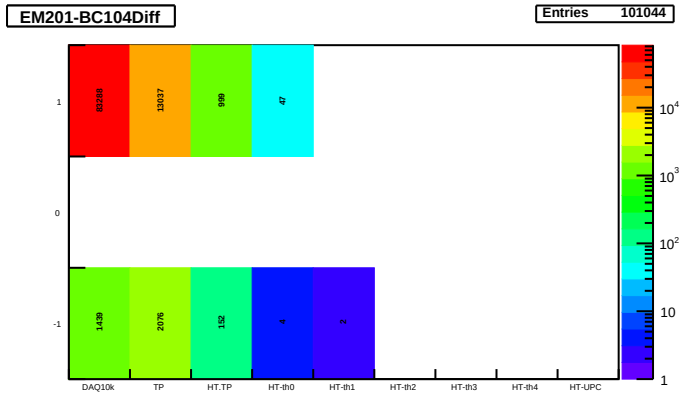

EM201-BC102
Entries 899973
1
0
5734
97884
2014
65
1
13
4
1
3396
94263
2063
97983
99992
99996
99984
99993
99996
96601
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC102Diff
Entries 103872
1
0
-1
3162
94326
1757
61
2722
1686
156
2
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

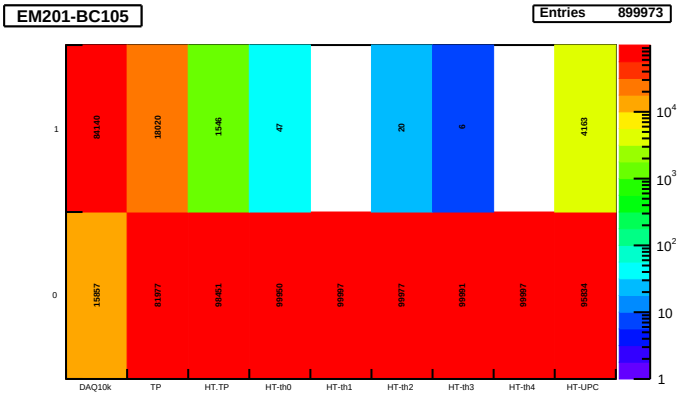

EM201-BC103
Entries 899973
1
0
86943
14981
1250
51
1
18
2
3727
13154
85006
98747
99946
99996
99979
99995
99997
96270
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC103Diff
Entries 101441
1
0
-1
83399
12960
1015
44
1
1218
2031
168
5
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

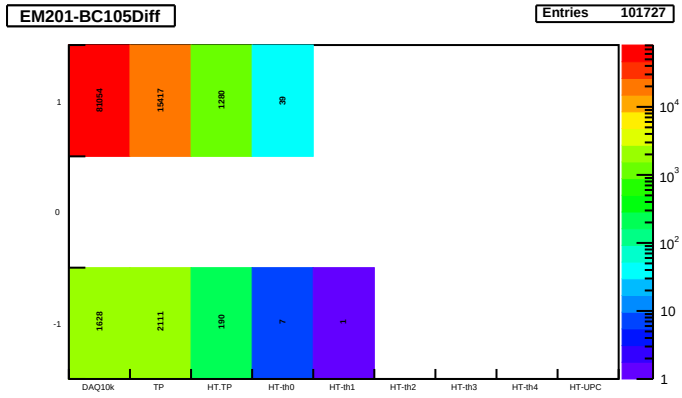

EM201-BC104
Entries 899973
1
0
86372
15484
1242
54
1
19
6
3972
13625
84513
99755
99943
99996
99978
99991
99997
96025
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC104Diff
Entries 101044
1
0
-1
83288
13037
999
47
1439
2076
152
4
2
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

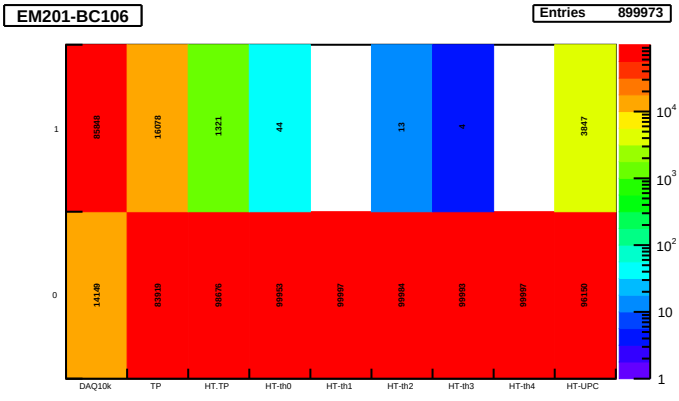
EM201-BC105



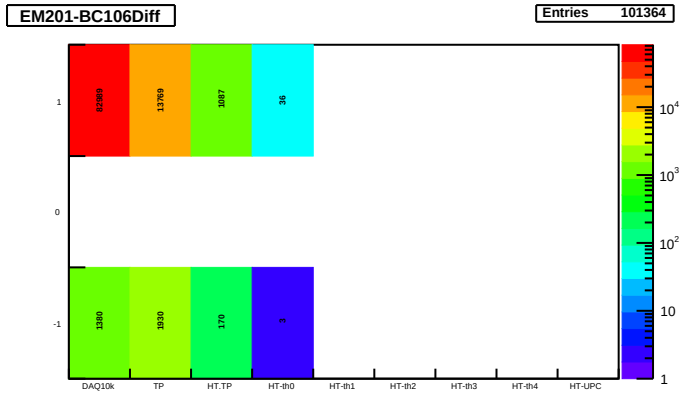
EM201-BC105Diff



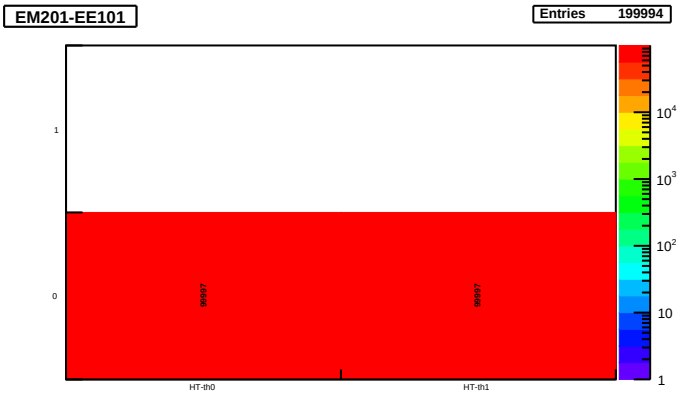
EM201-BC106



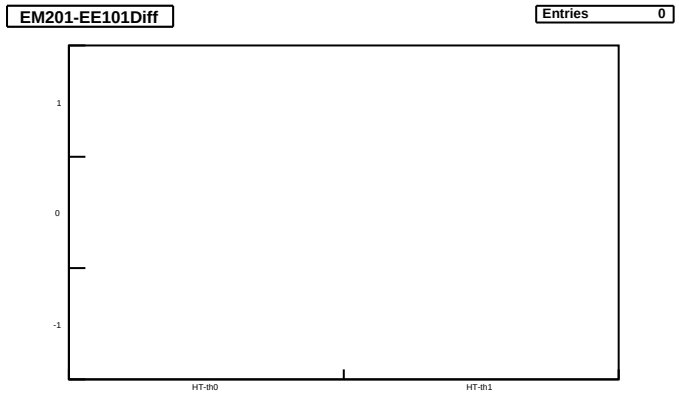
EM201-BC106Diff



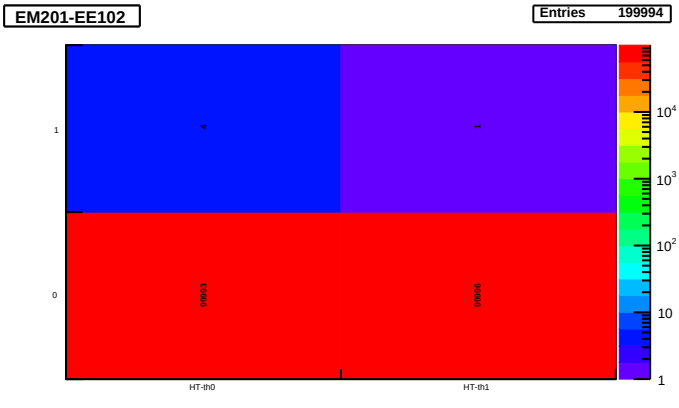
EM201-EE101



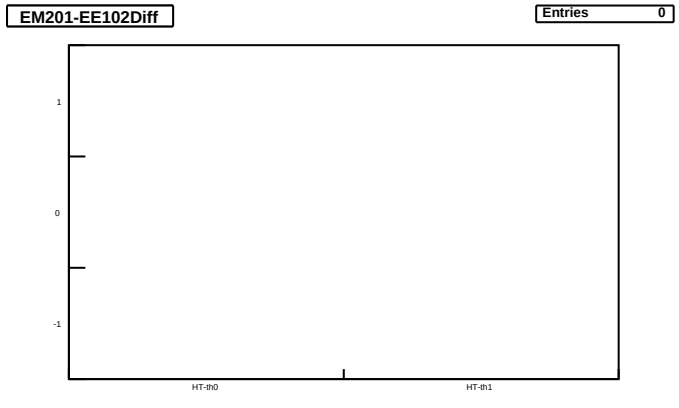
EM201-EE101Diff

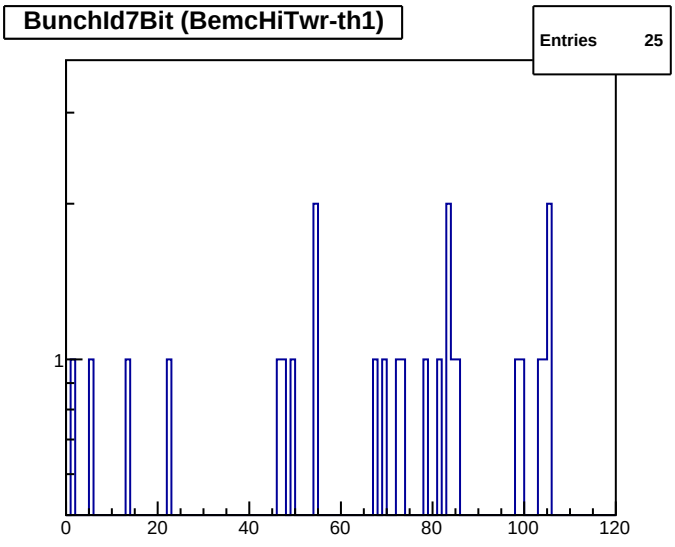


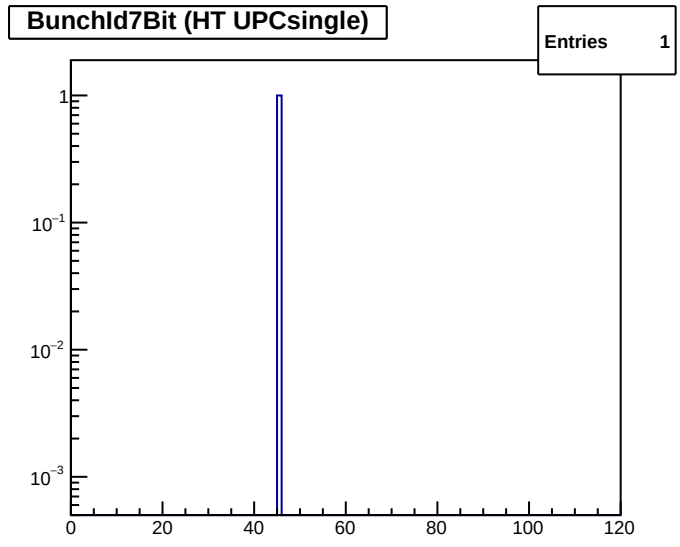
EM201-EE102

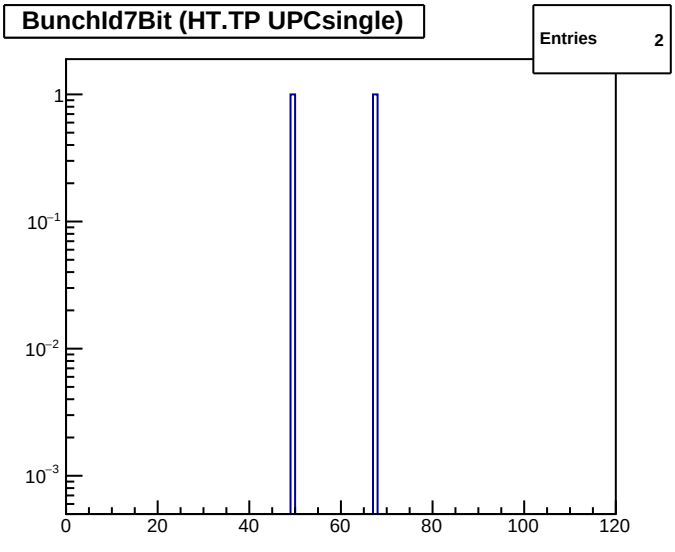


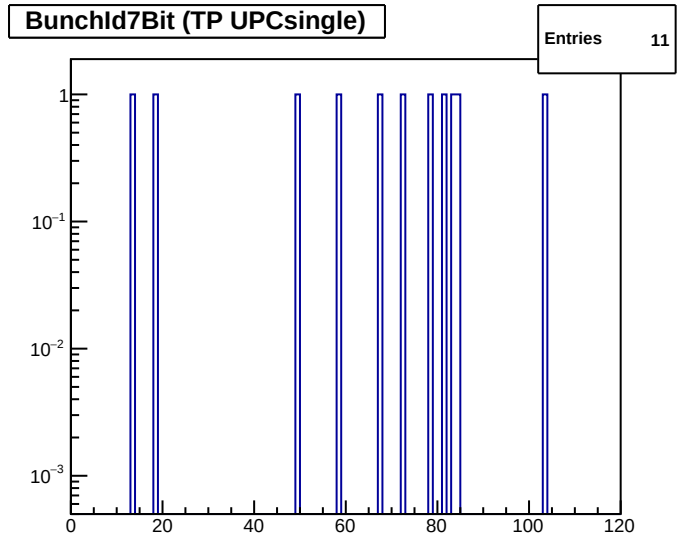
EM201-EE102Diff

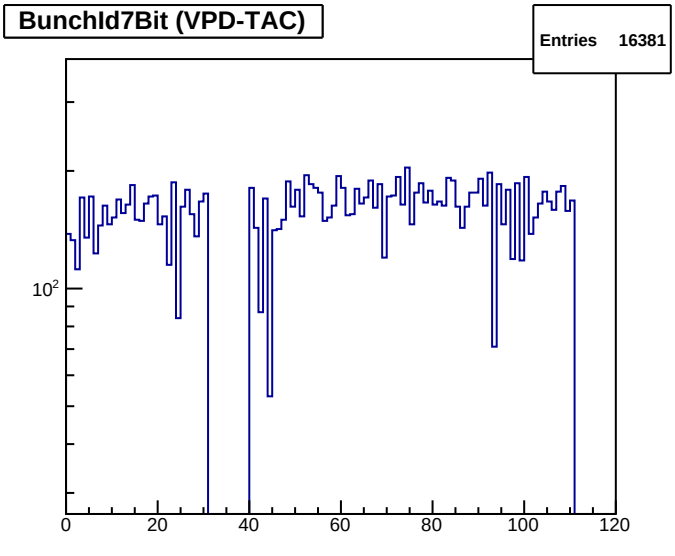


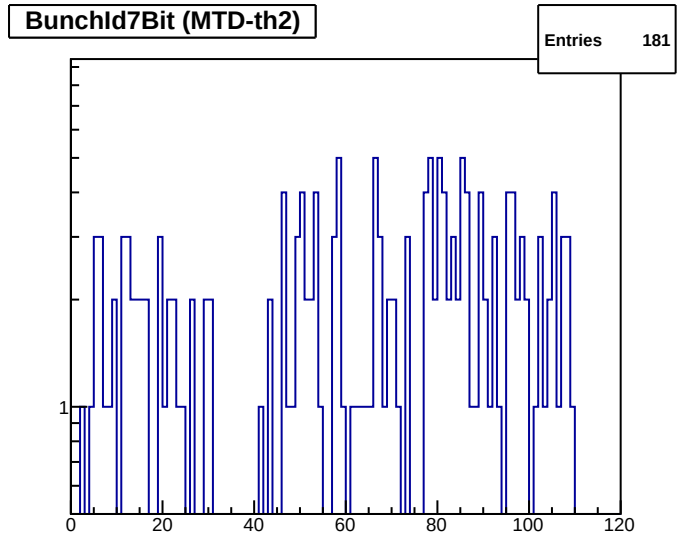

BunchId7Bit (BemcHiTwr-th1)
Entries 25
1
0 20 40 60 80 100 120

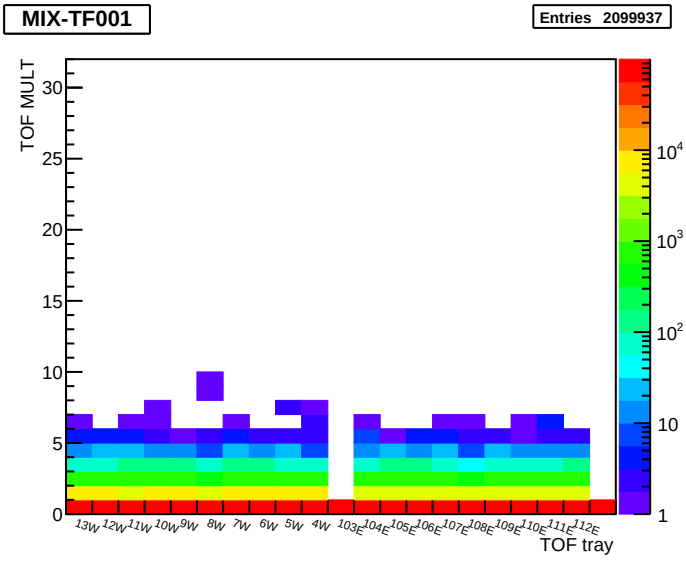

BunchId7Bit (HT UPCsingle)
Entries 1
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

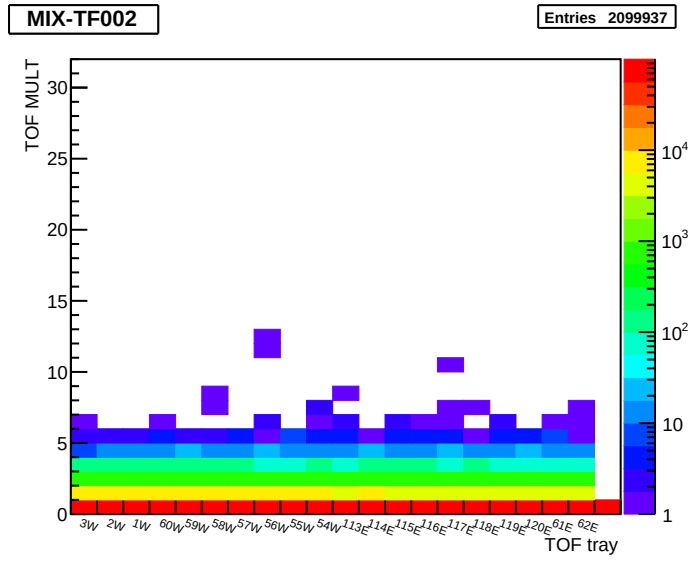

BunchId7Bit (HT.TP UPCsingle)
Entries 2
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

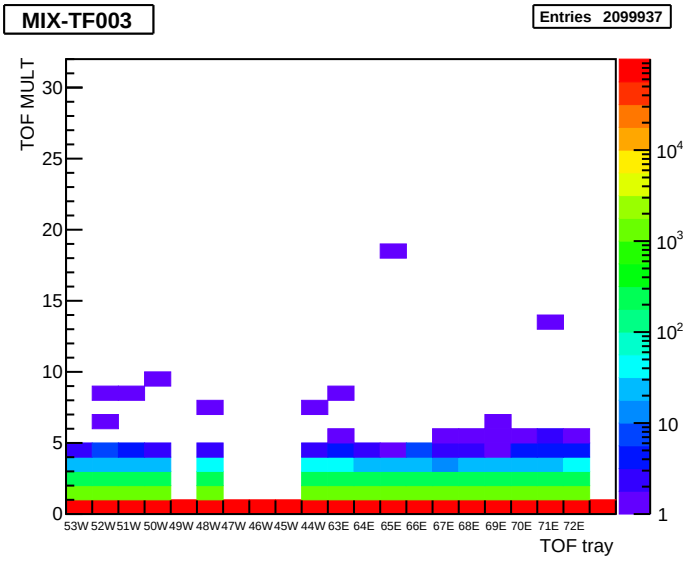

BunchId7Bit (TP UPCsingle)
Entries 11
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

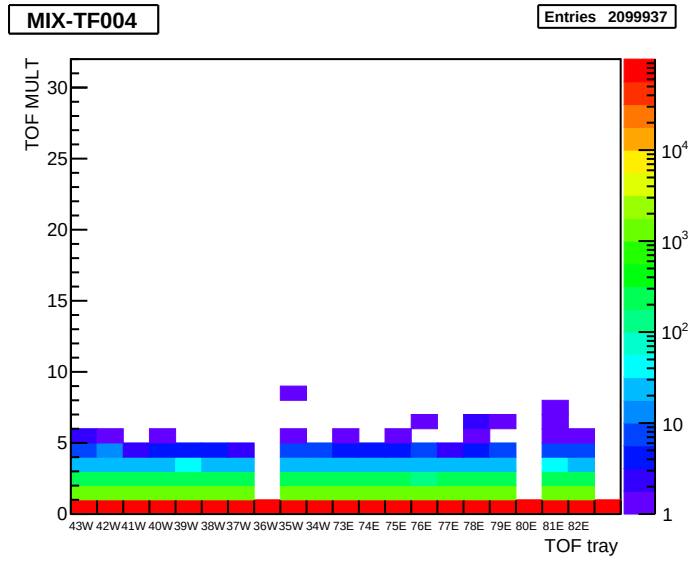

BunchId7Bit (VPD-TAC)
Entries 16381
10^{2}
0 20 40 60 80 100 120

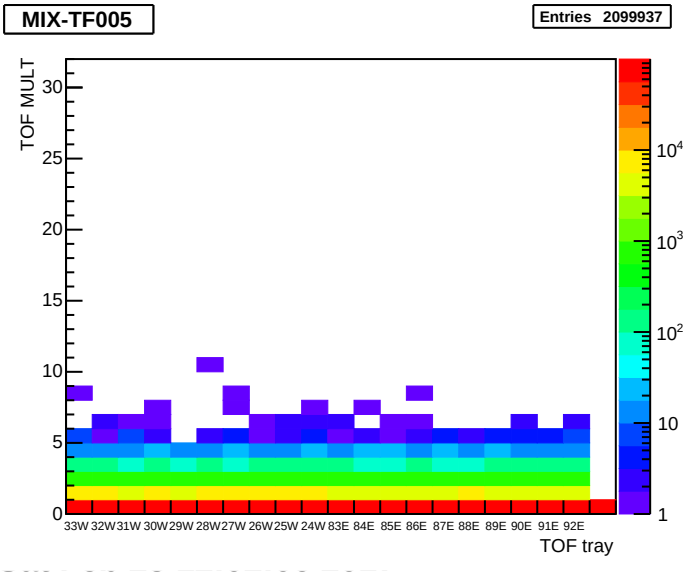

BunchId7Bit (MTD-th2)
Entries 181
1
0 20 40 60 80 100 120

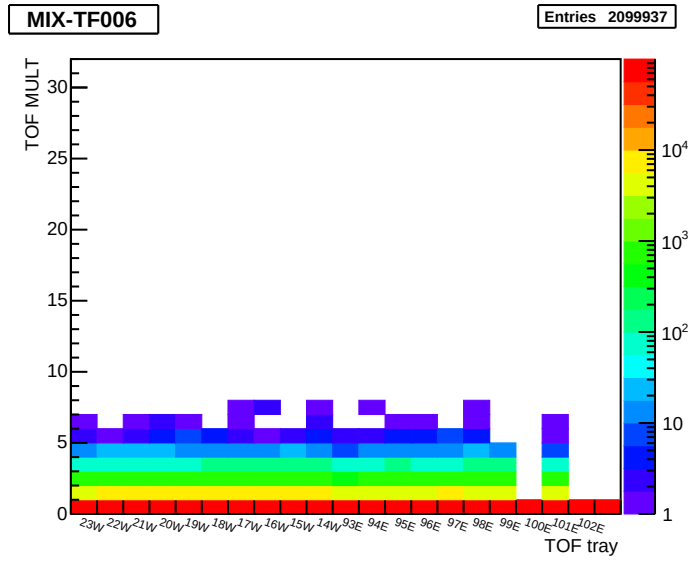

MIX-TF001
Entries 2099937
TOF MULT
TOF tray

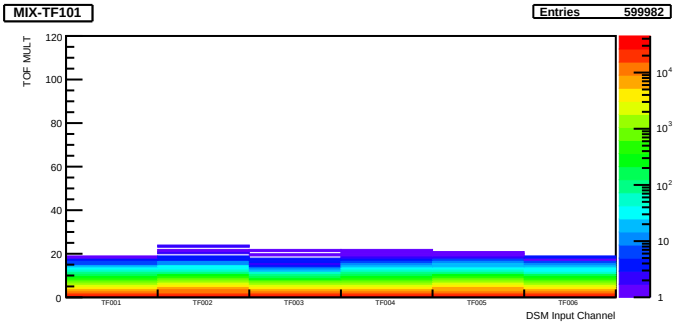

MIX-TF002
Entries 2099937
TOF MULT
TOF tray

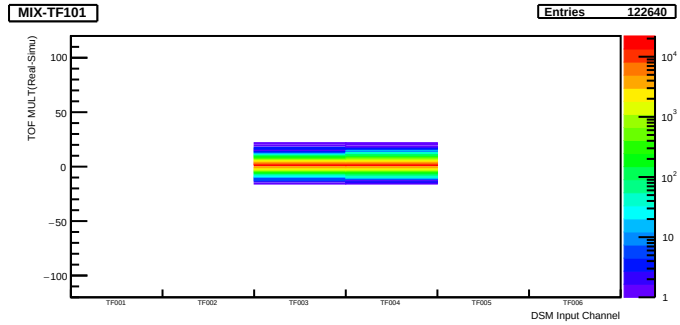

MIX-TF003
Entries 2099937
TOF MULT
TOF tray

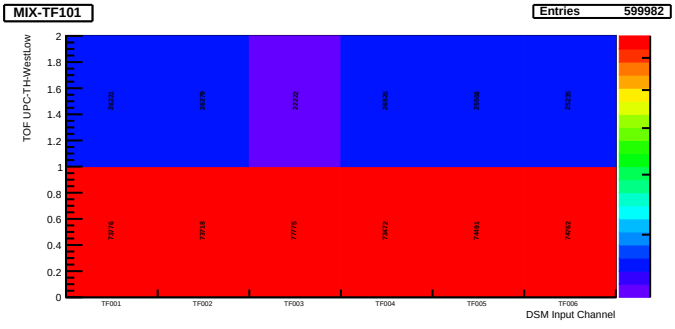

MIX-TF004
Entries 2099937
TOF MULT
TOF tray

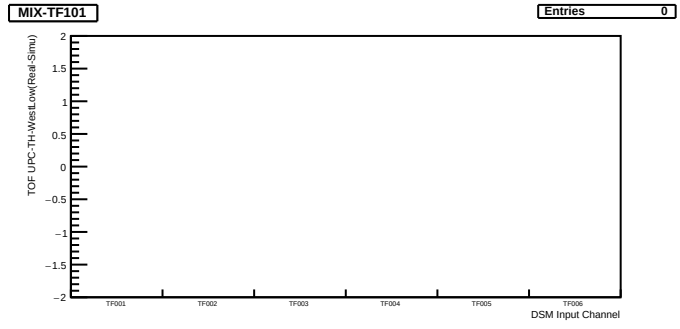

MIX-TF005
Entries 2099937
TOF MULT
TOF tray

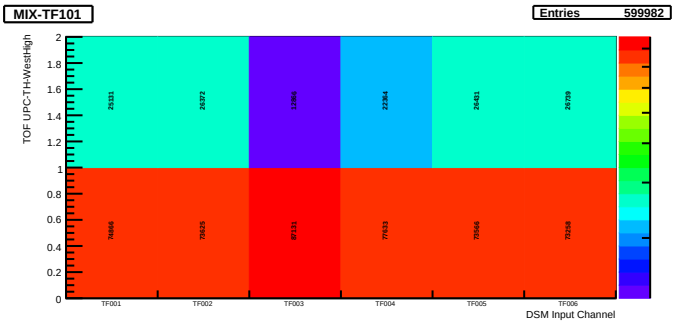

MIX-TF006
Entries 2099937
TOF MULT
TOF tray

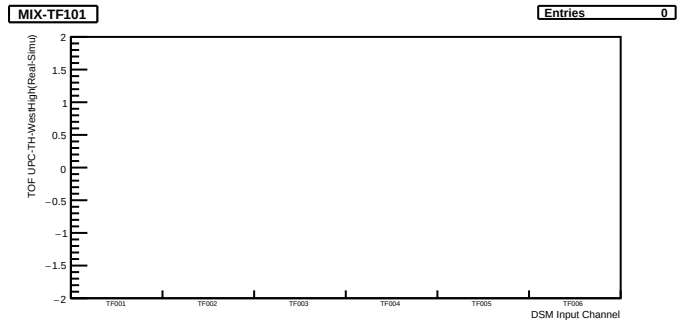

MIX-TF101
Entries 599982
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

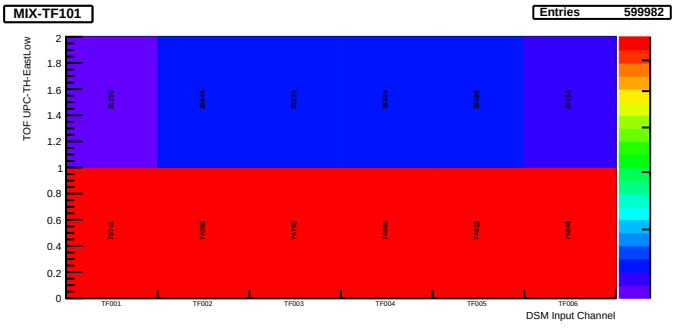

MIX-TF101
Entries 122640
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

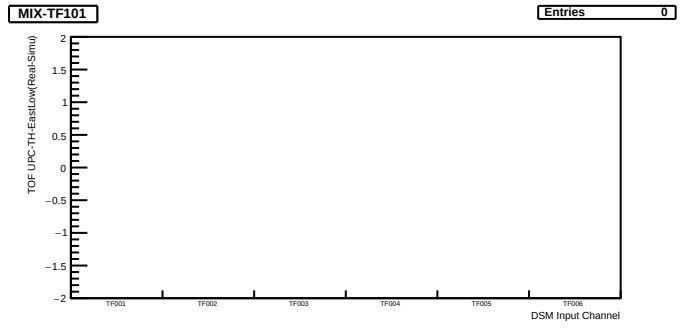

MIX-TF101
Entries 599982
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

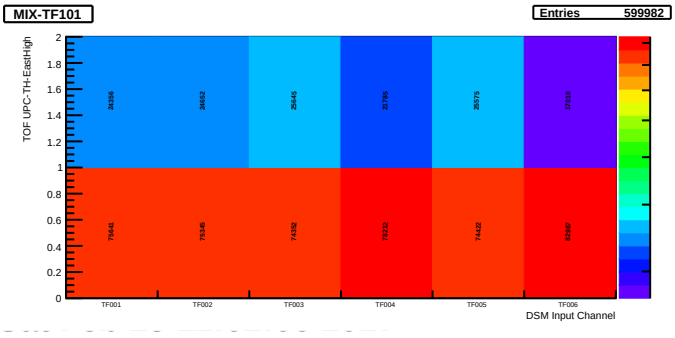

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

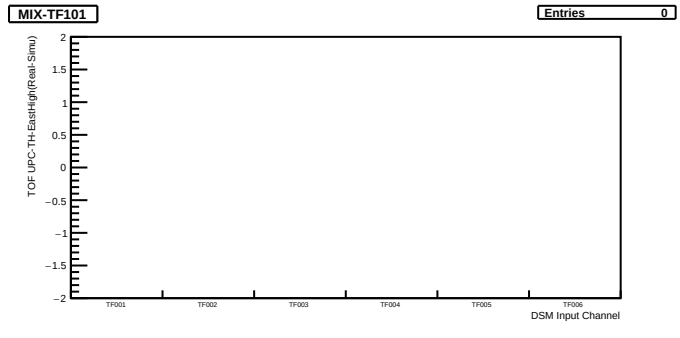

MIX-TF101
Entries 599982
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

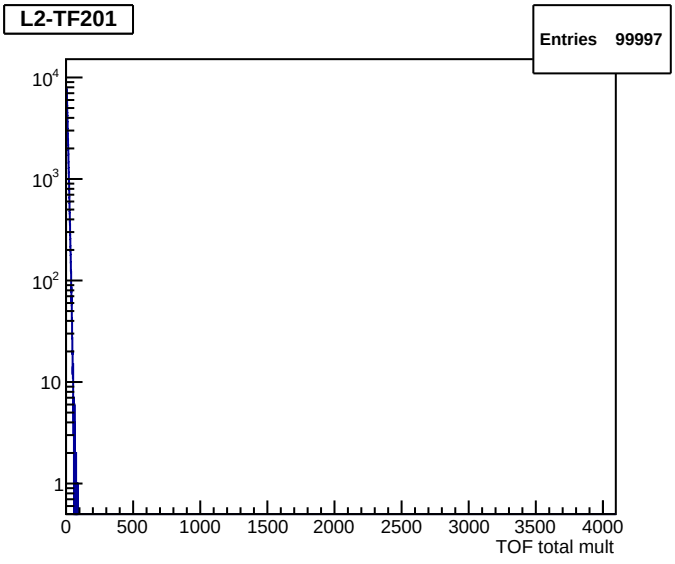

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

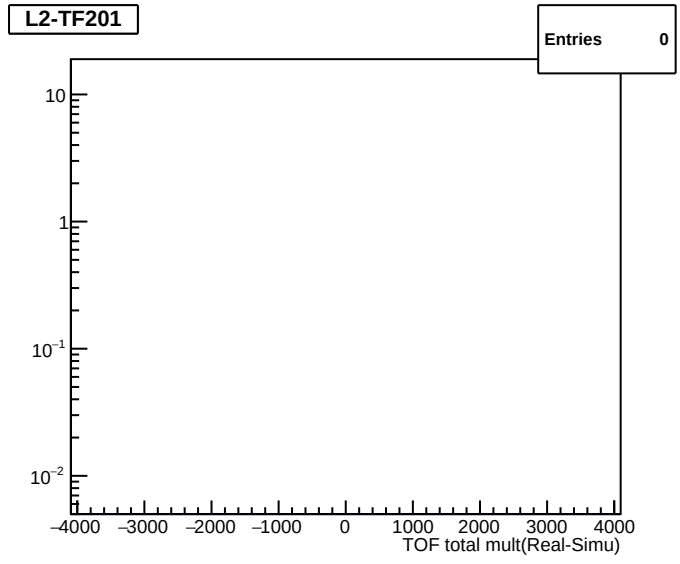

MIX-TF101
Entries 599982
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

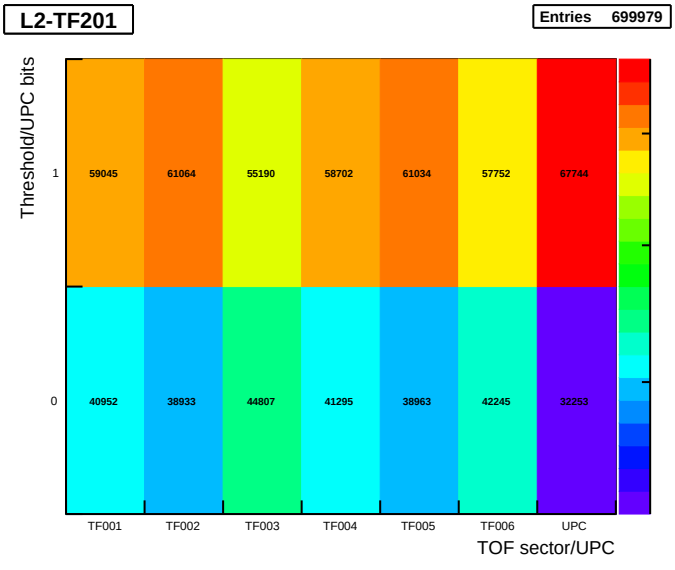

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

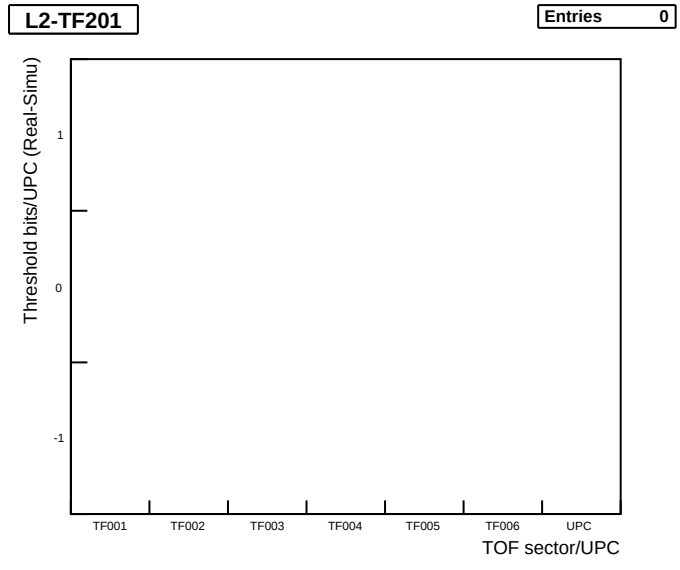

MIX-TF101
Entries 599982
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

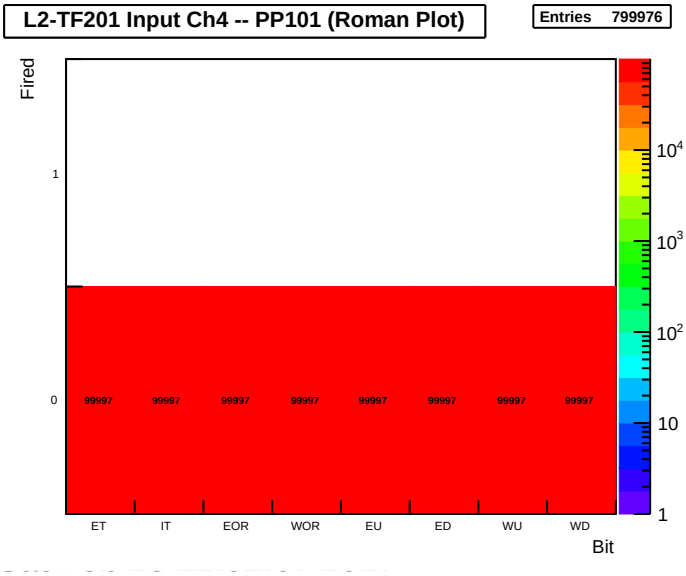

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

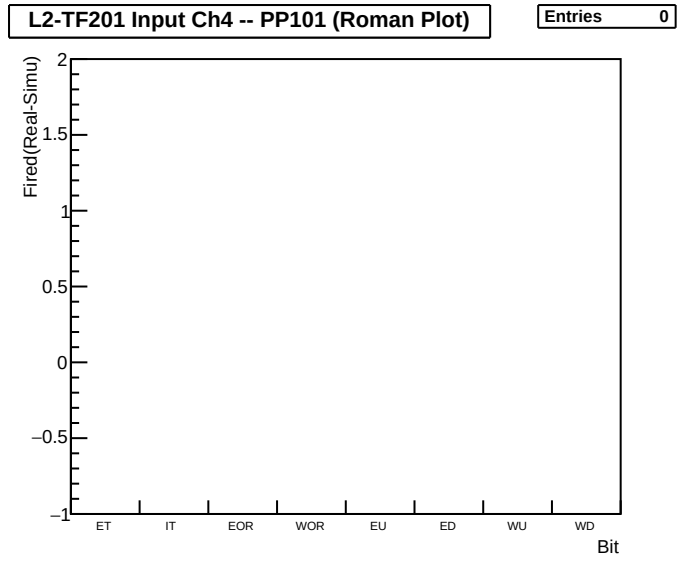

L2-TF201
Entries 99997
TOF total mult

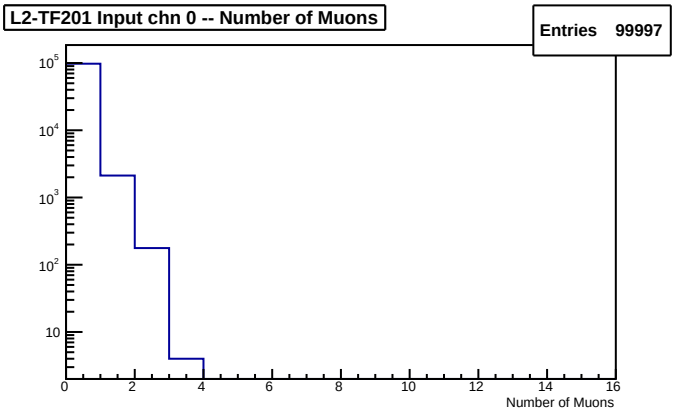

L2-TF201
Entries 0
TOF total mult(Real-Simu)

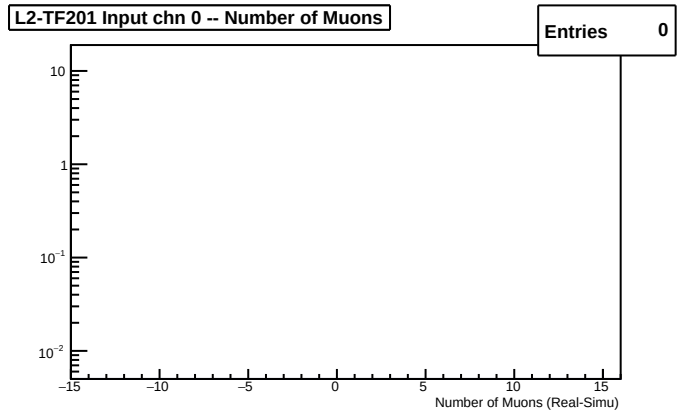

L2-TF201
Entries 699979
Threshold/UPC bits
59045
61064
55190
58702
61034
57752
67744
40952
38933
44807
41295
38963
42245
32253
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

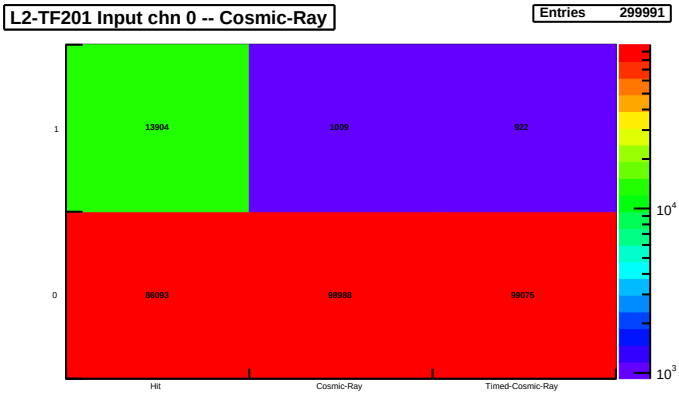

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

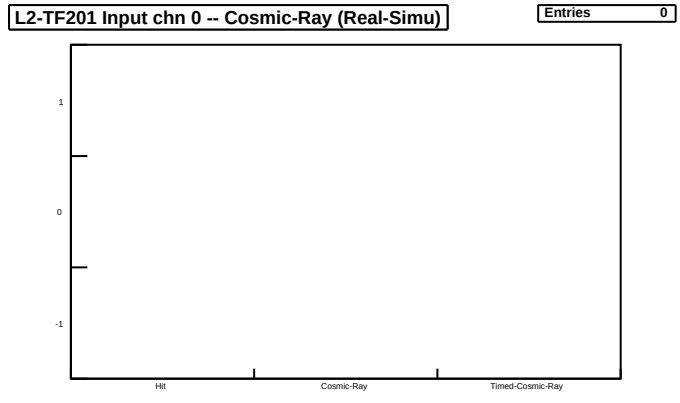

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 799976
Fired
99997
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

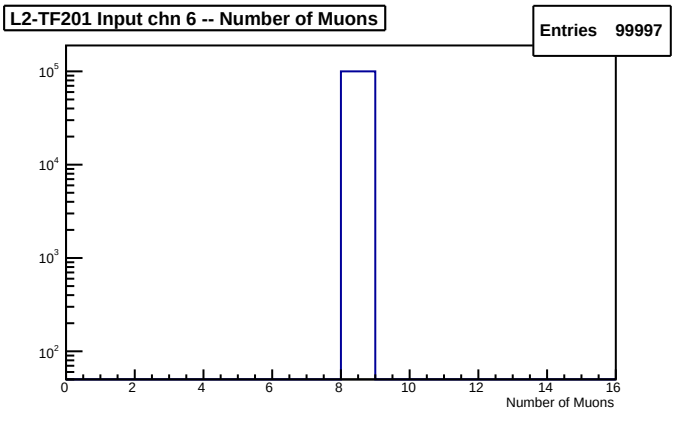

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

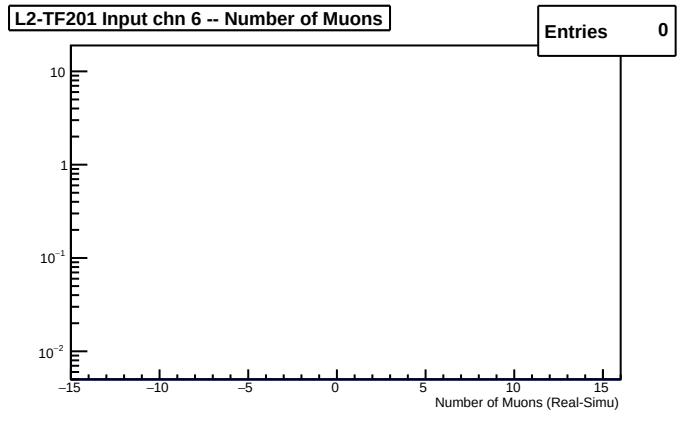

L2-TF201 Input chn 0 -- Number of Muons
Entries 99997
Number of Muons

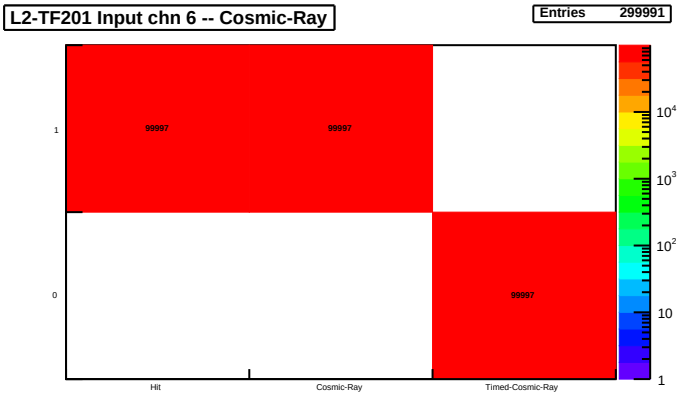

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

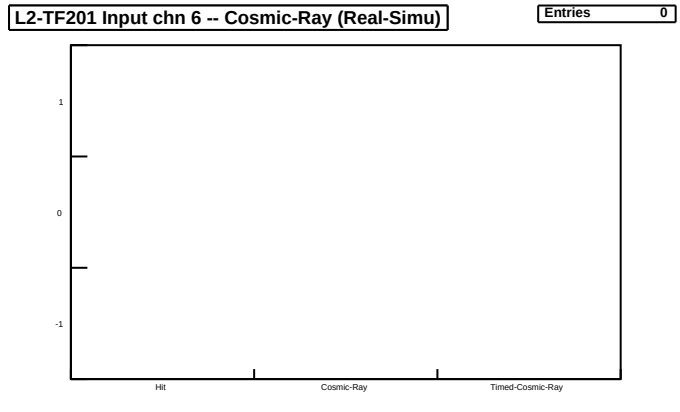

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 299991
13904
1009
922
86093
98988
99075
Hit
Cosmic-Ray
Timed-Cosmic-Ray

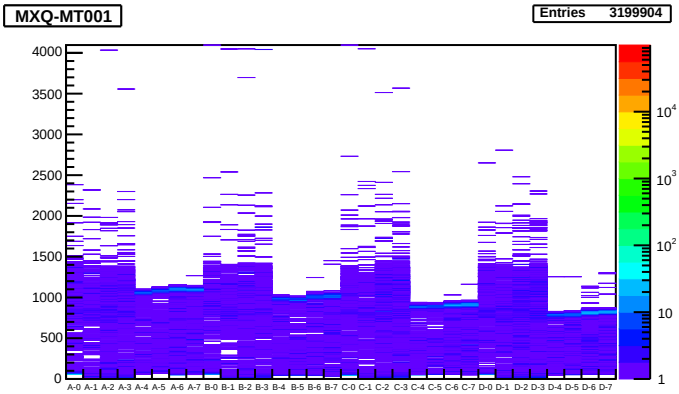

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

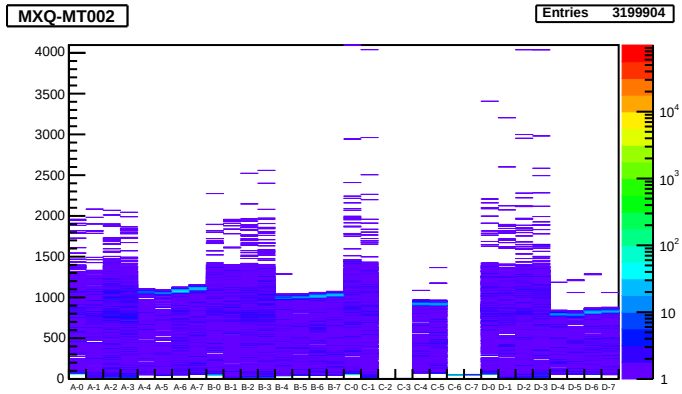

L2-TF201 Input chn 6 -- Number of Muons
Entries 99997
Number of Muons

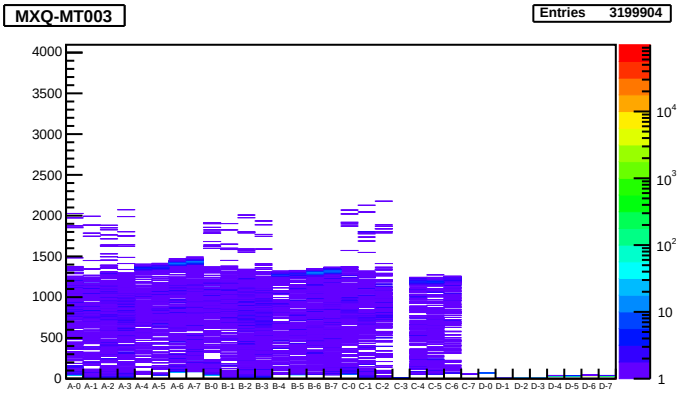

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

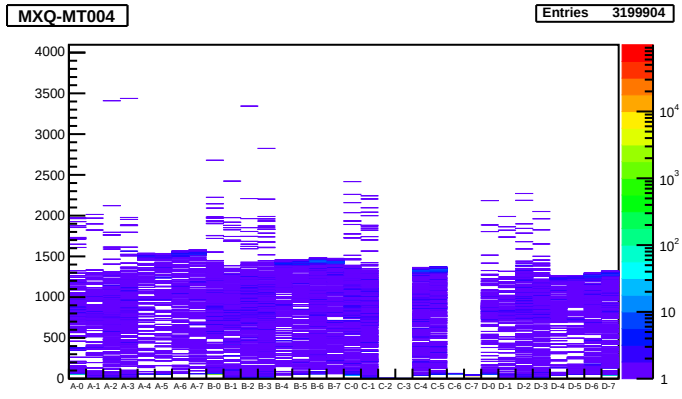

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 299991
99997
99997
99997
Hit
Cosmic-Ray
Timed-Cosmic-Ray

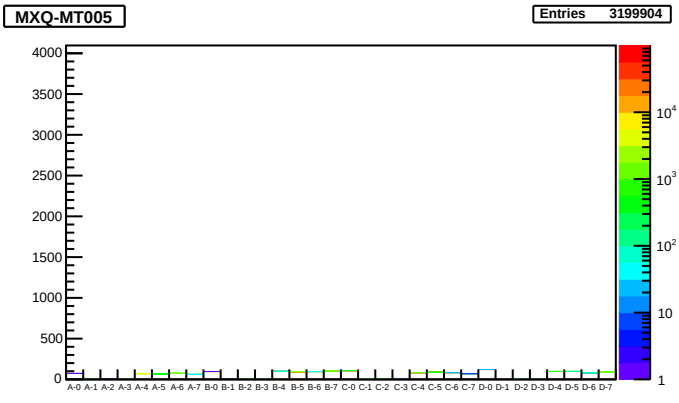

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

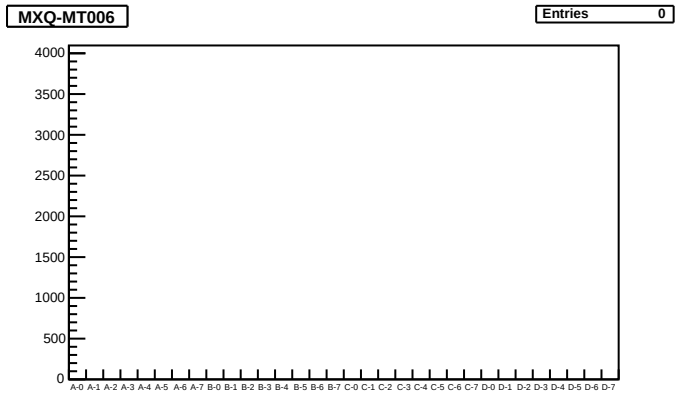

MXQ-MT001
Entries 3199904

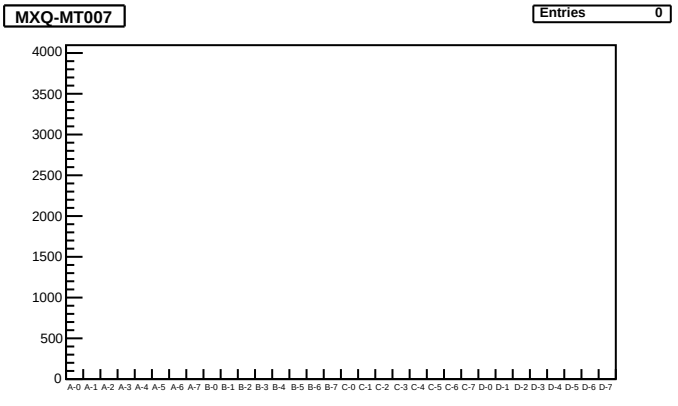

MXQ-MT002
Entries 3199904

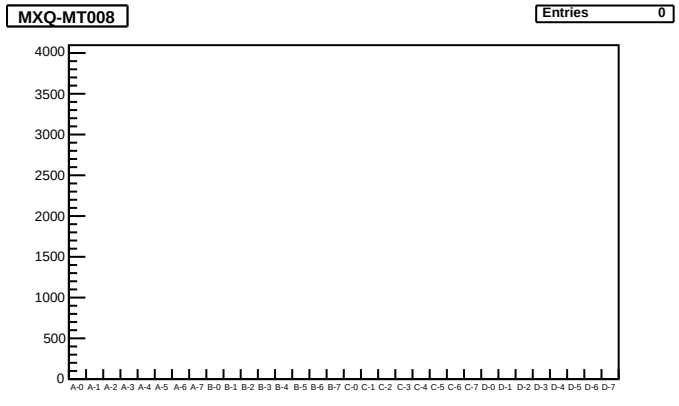

MXQ-MT003
Entries 3199904

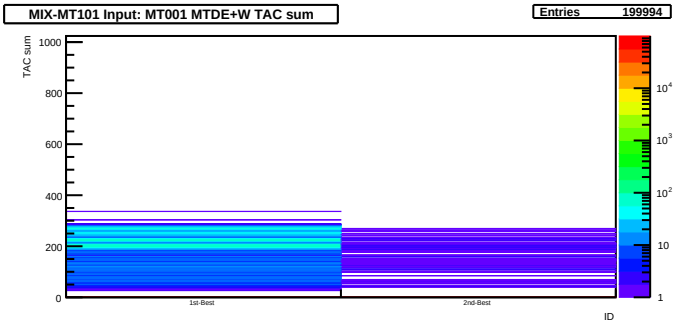

MXQ-MT004
Entries 3199904

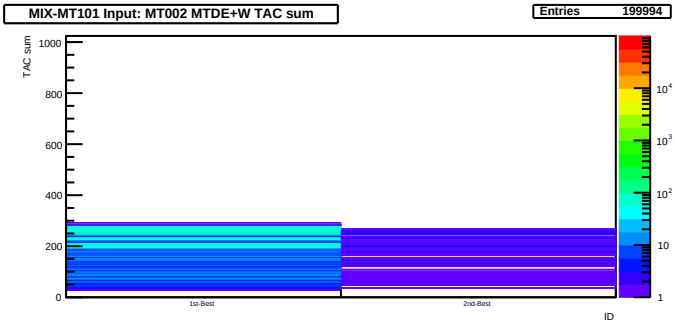

MXQ-MT005
Entries 3199904

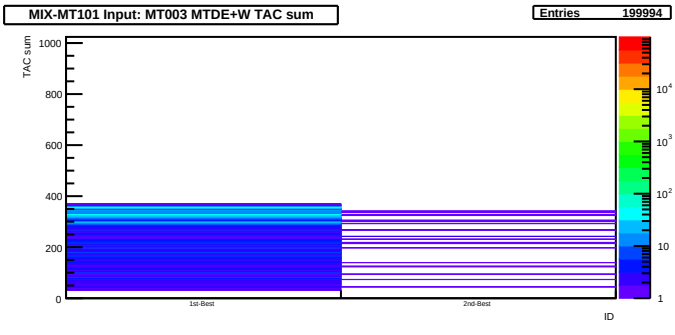

MXQ-MT006
Entries 0

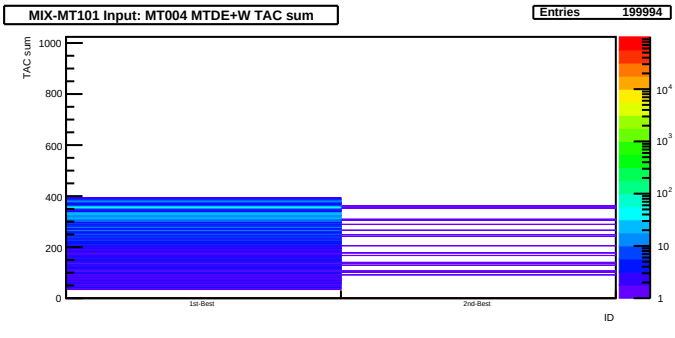

MXQ-MT007
Entries 0

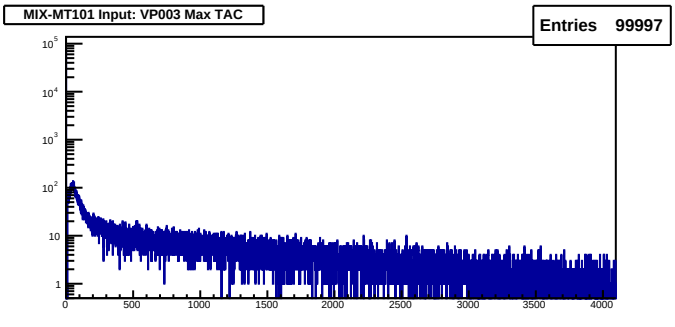

MXQ-MT008
Entries 0

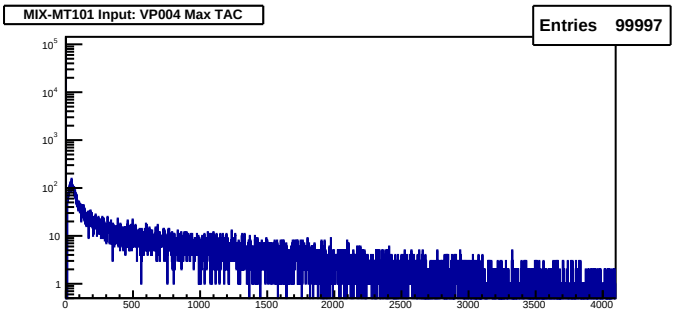

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 199994
TAC sum
1st-Best
2nd-Best
ID

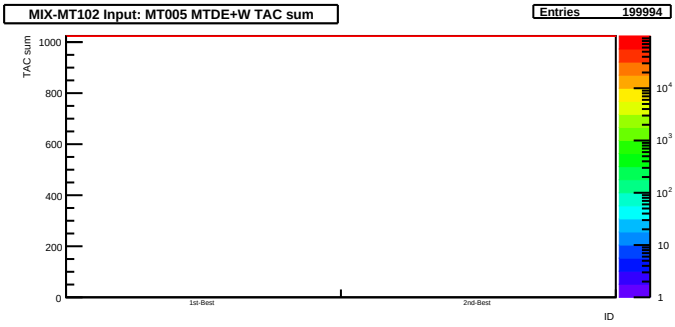

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 199994
TAC sum
1st-Best
2nd-Best
ID

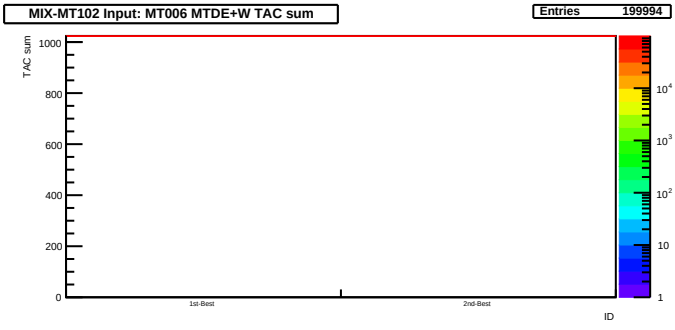

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 199994
TAC sum
1st-Best
2nd-Best
ID

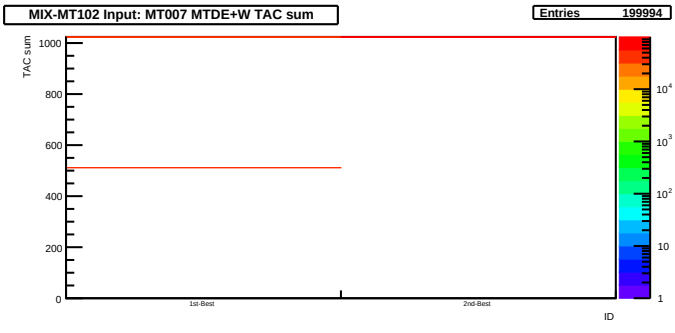

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 199994
TAC sum
1st-Best
2nd-Best
ID

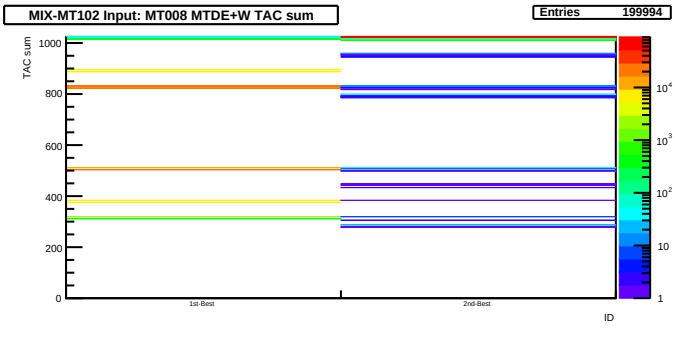

MIX-MT101 Input: VP003 Max TAC
Entries 99997

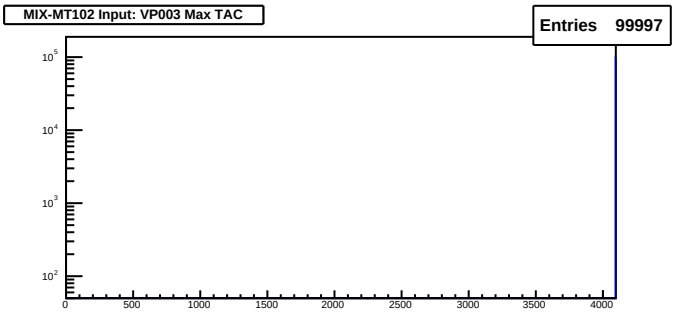

MIX-MT101 Input: VP004 Max TAC
Entries 99997

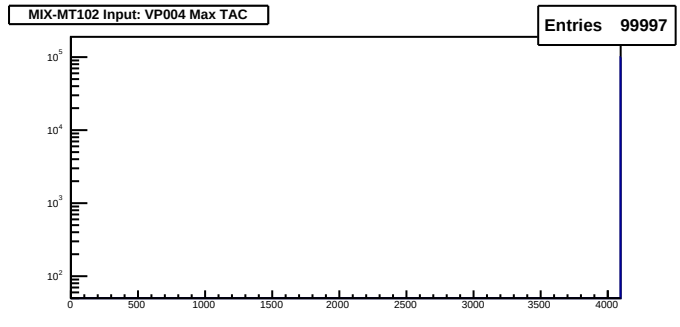

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 199994
TAC sum
1st-Best
2nd-Best
ID

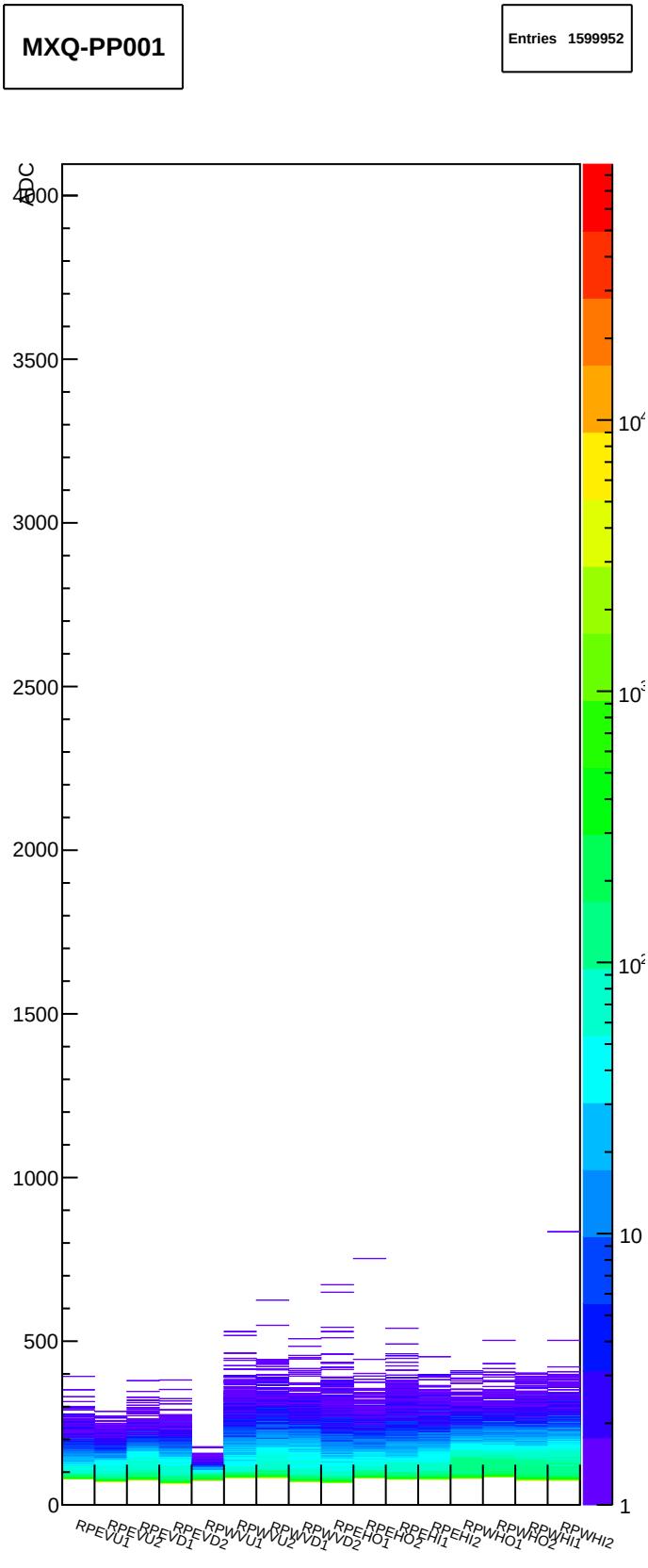

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 199994
TAC sum
1st-Best
2nd-Best
ID

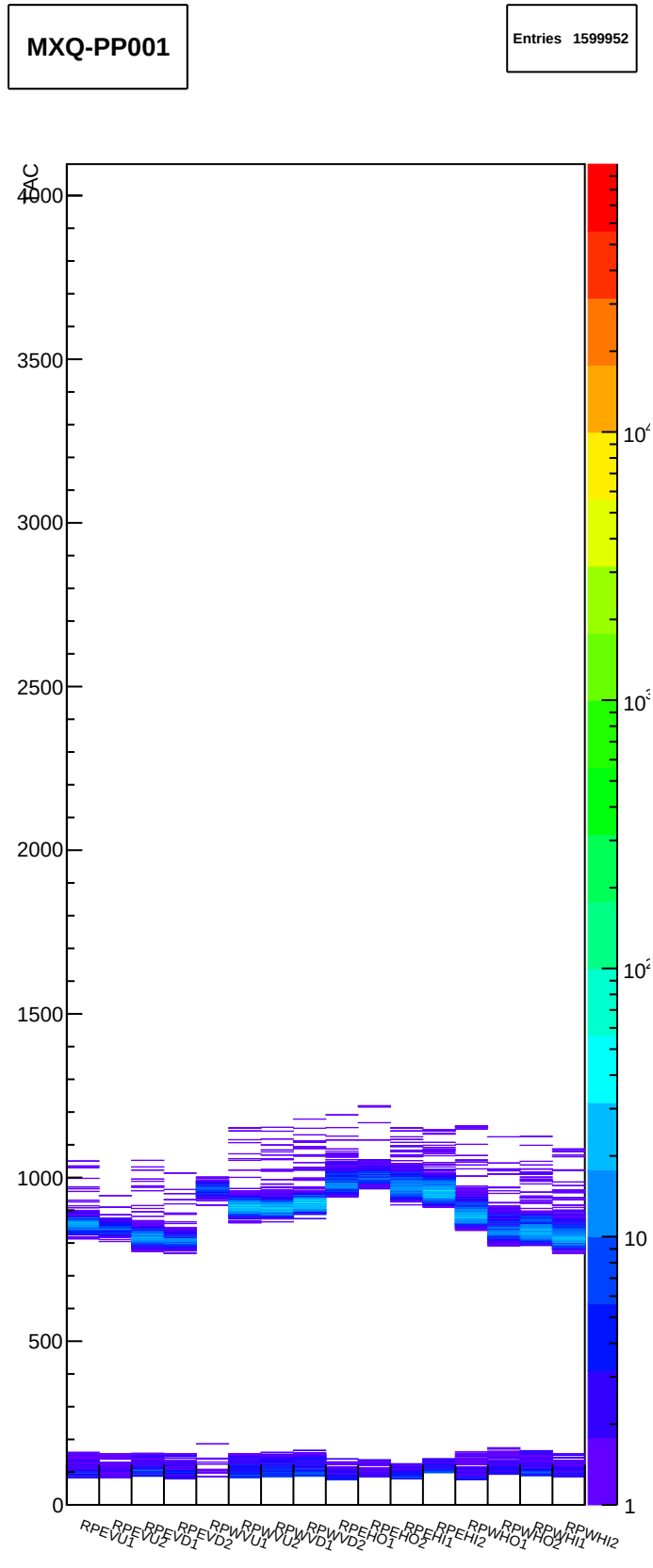

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 199994
TAC sum
1st-Best
2nd-Best
ID

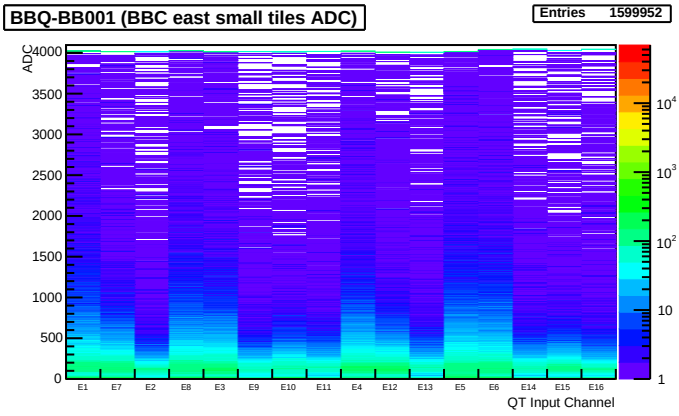

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 199994
TAC sum
1st-Best
2nd-Best
ID

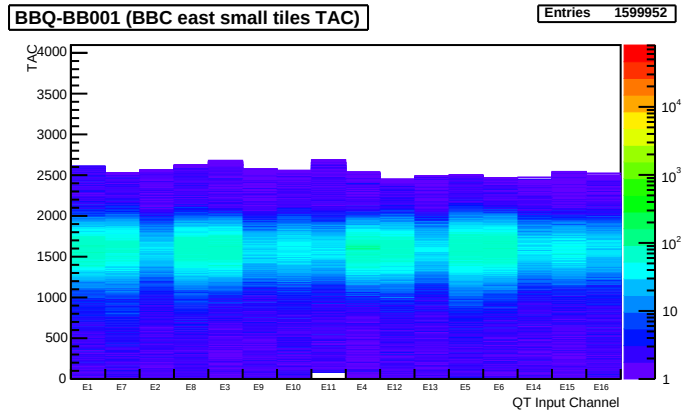

MIX-MT102 Input: VP003 Max TAC
Entries 99997

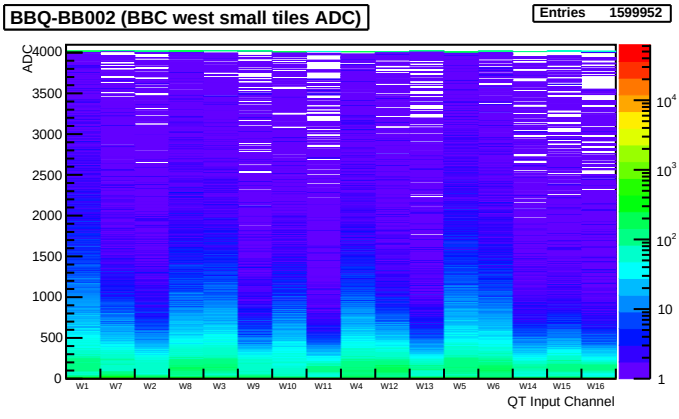

MIX-MT102 Input: VP004 Max TAC
Entries 99997

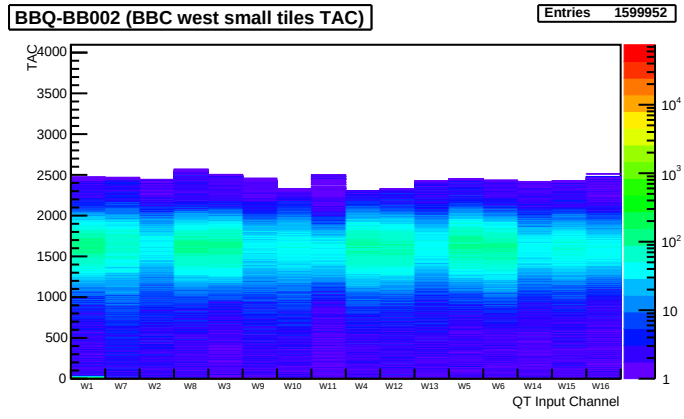

MXQ-PP001
Entries 1599952
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

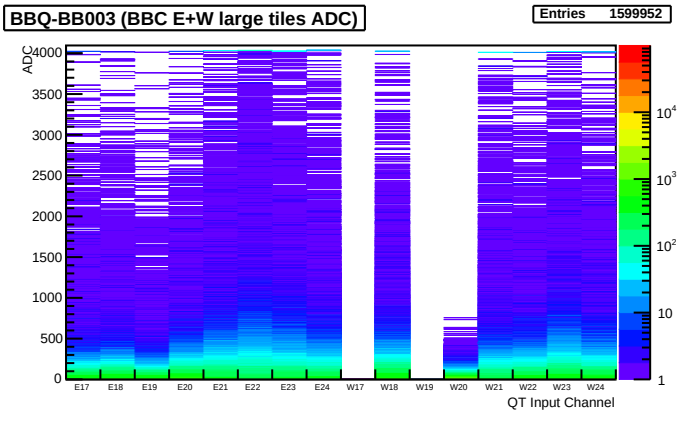

MXQ-PP001
Entries 1599952
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

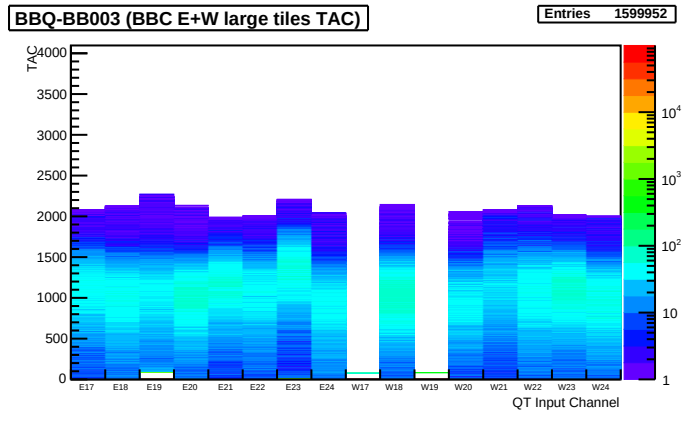

BBQ-BB001 (BBC east small tiles ADC)
Entries 1599952
ADC
QT Input Channel

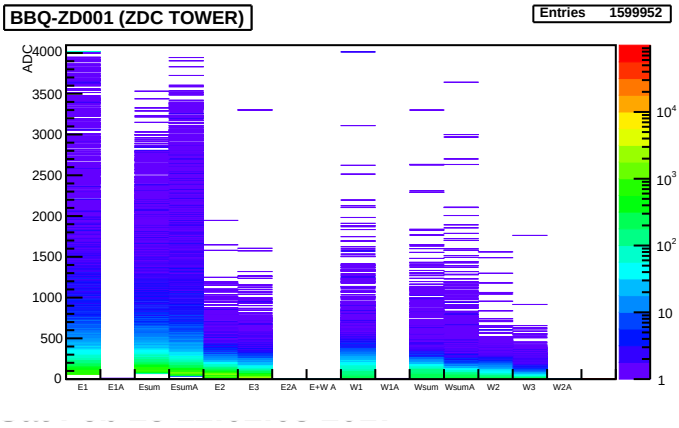

BBQ-BB001 (BBC east small tiles TAC)
Entries 1599952
TAC
QT Input Channel

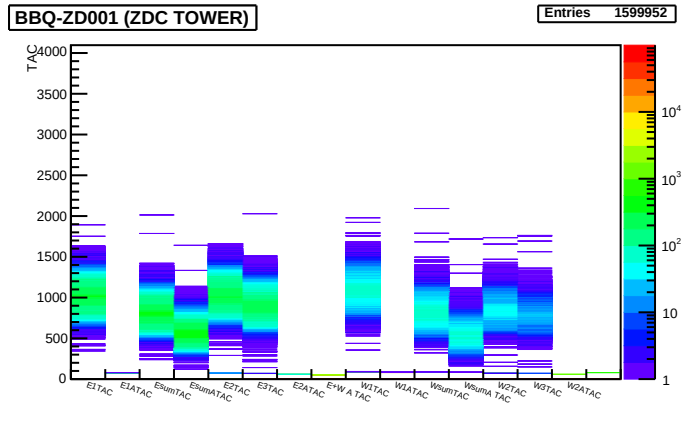

BBQ-BB002 (BBC west small tiles ADC)
Entries 1599952
ADC
QT Input Channel

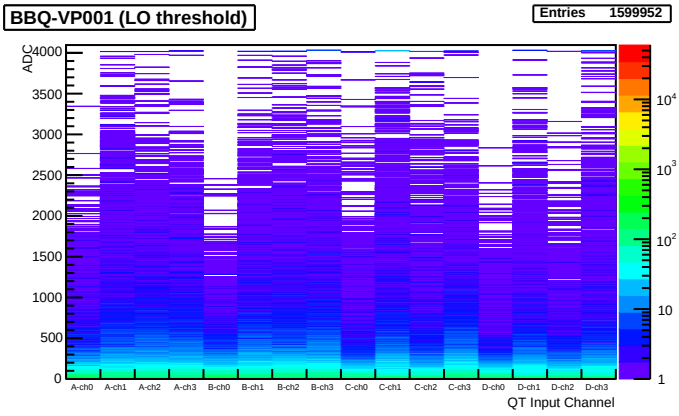

BBQ-BB002 (BBC west small tiles TAC)
Entries 1599952
TAC
QT Input Channel

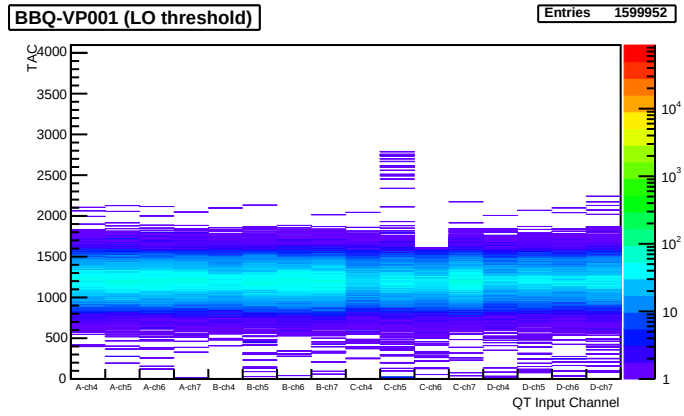

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1599952
ADC
QT Input Channel

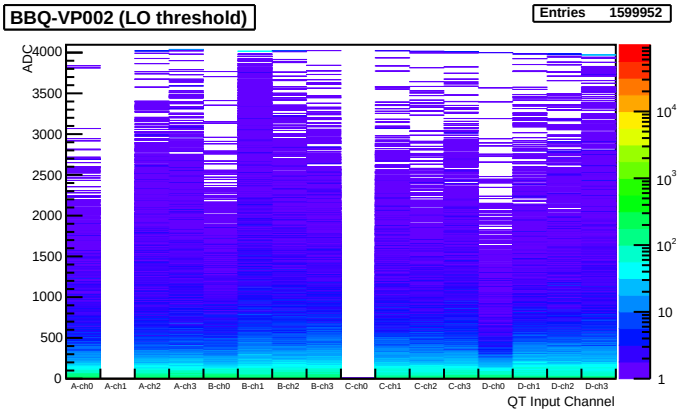

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1599952
TAC
QT Input Channel

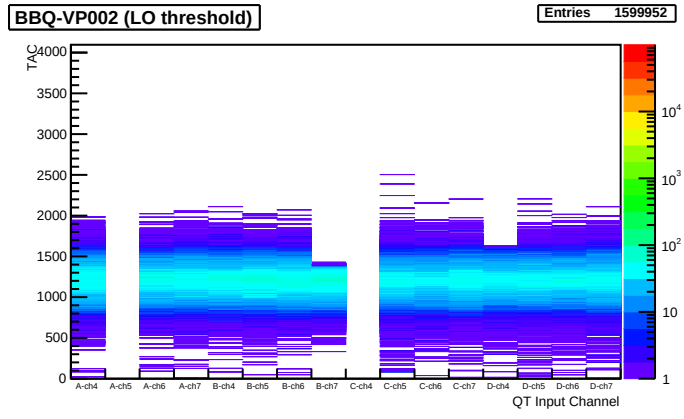

BBQ-ZD001 (ZDC TOWER)
Entries 1599952
ADC

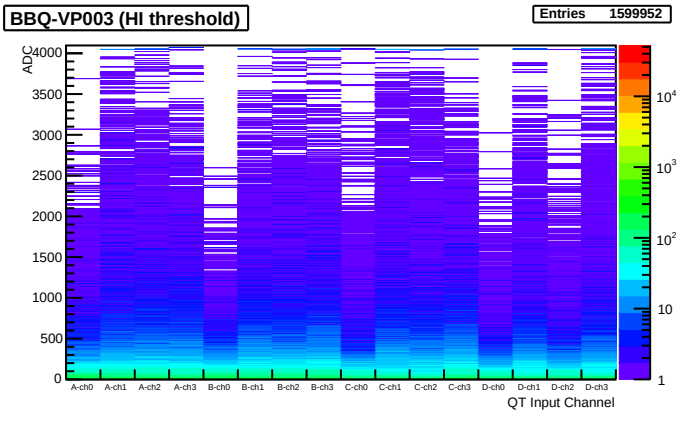

BBQ-ZD001 (ZDC TOWER)
Entries 1599952
TAC

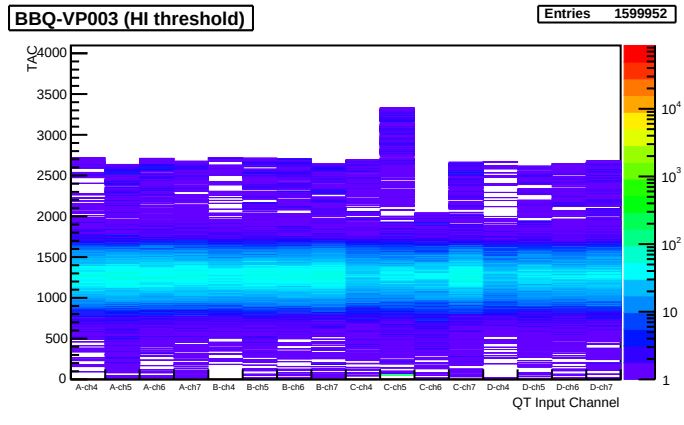

BBQ-VP001 (LO threshold)
Entries 1599952
ADC
QT Input Channel

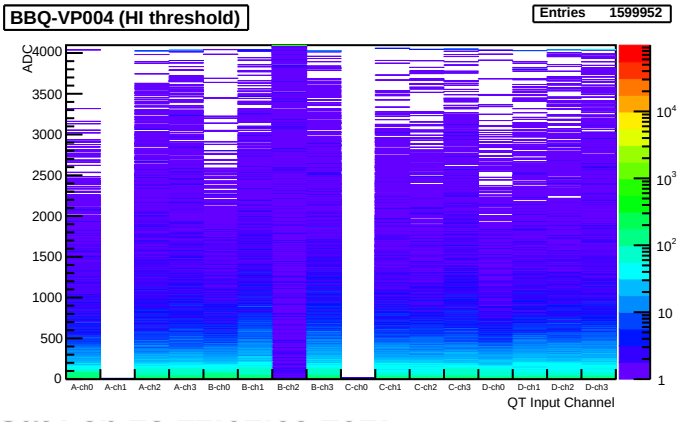

BBQ-VP001 (LO threshold)
Entries 1599952
TAC
QT Input Channel

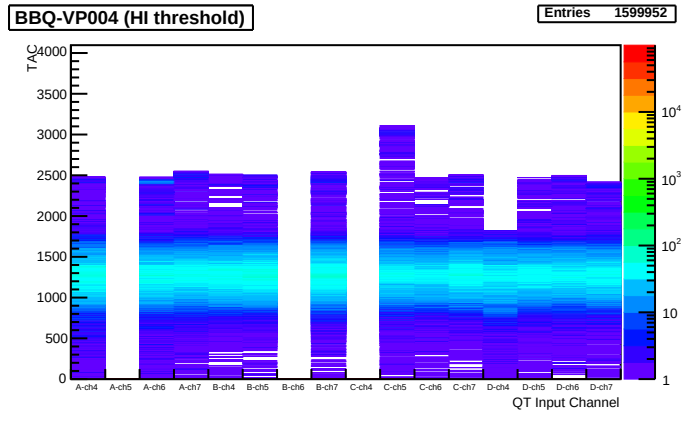

BBQ-VP002 (LO threshold)
Entries 1599952
ADC
QT Input Channel

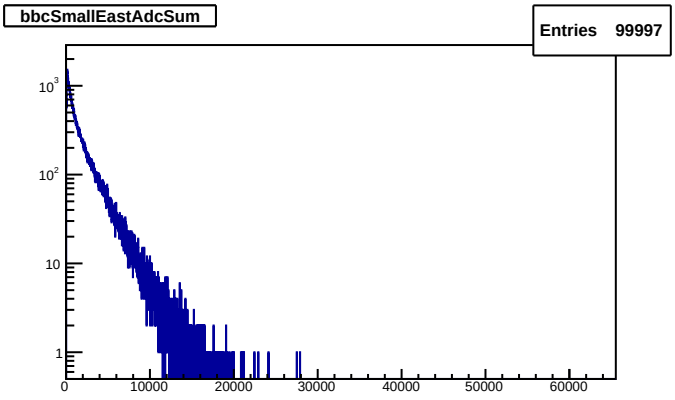

BBQ-VP002 (LO threshold)
Entries 1599952
TAC
QT Input Channel

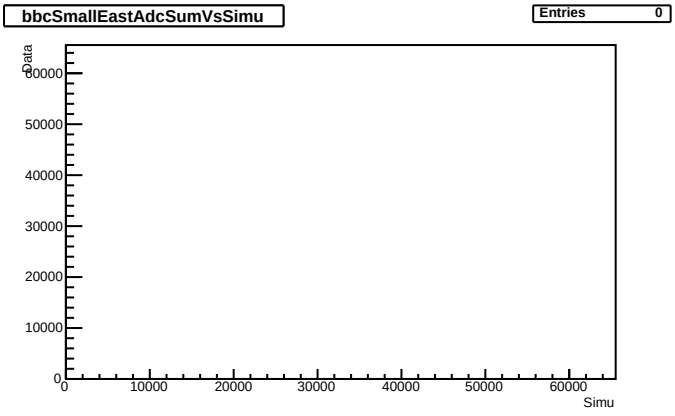

BBQ-VP003 (HI threshold)
Entries 1599952
ADC
QT Input Channel

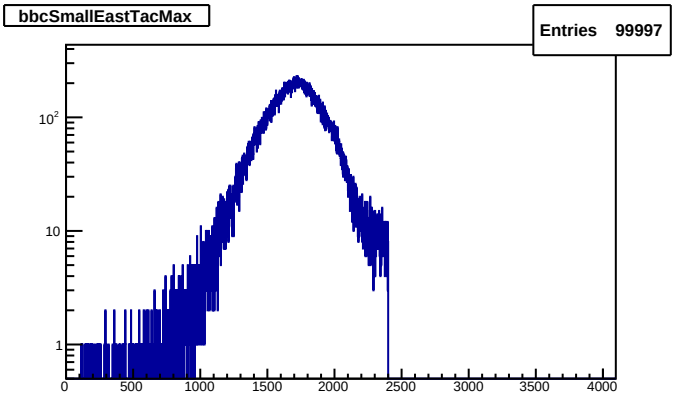

BBQ-VP003 (HI threshold)
Entries 1599952
TAC
QT Input Channel

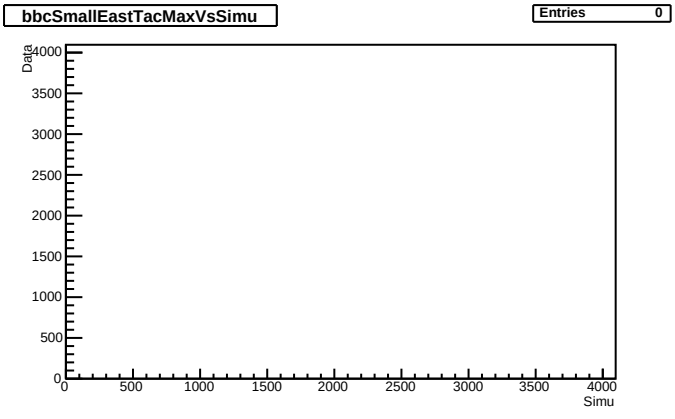

BBQ-VP004 (HI threshold)
Entries 1599952
ADC
QT Input Channel

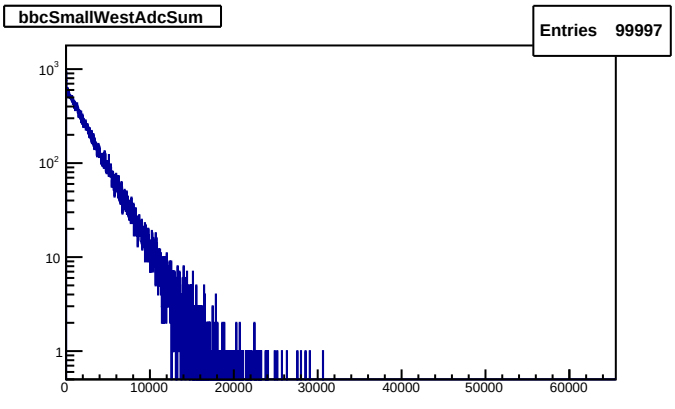

BBQ-VP004 (HI threshold)
Entries 1599952
TAC
QT Input Channel

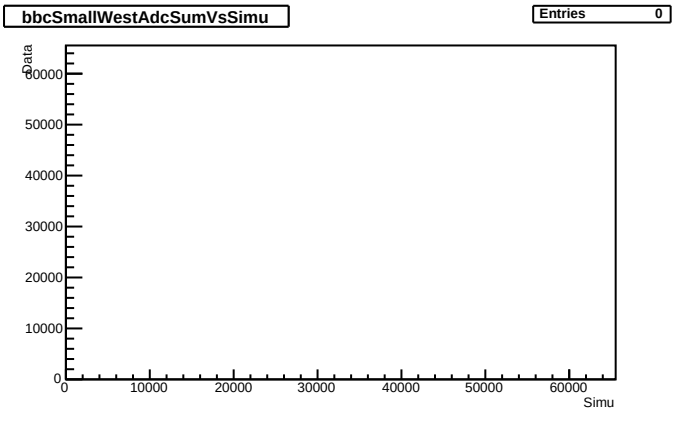

bbcSmallEastAdcSum
Entries 99997

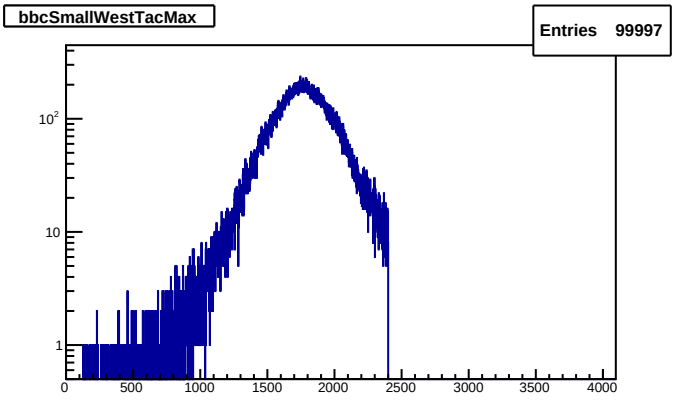

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

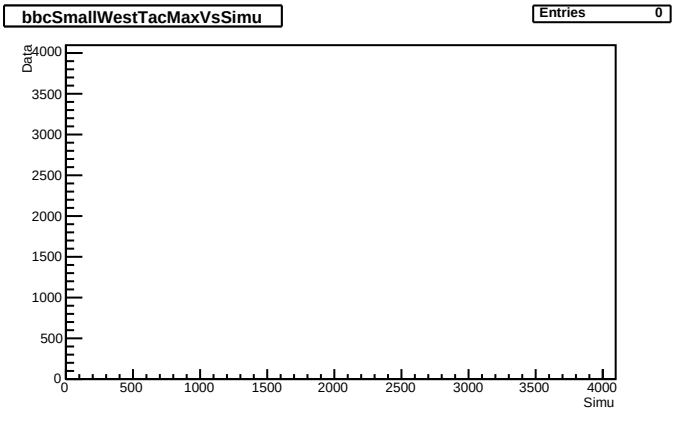

bbcSmallEastTacMax
Entries 99997

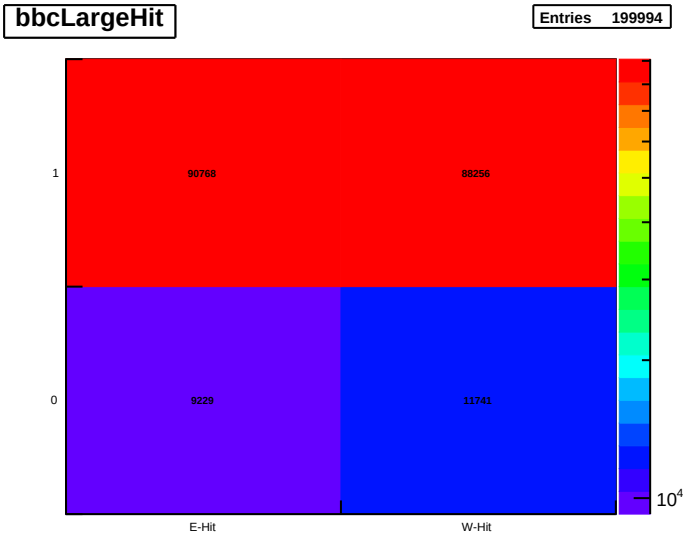

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

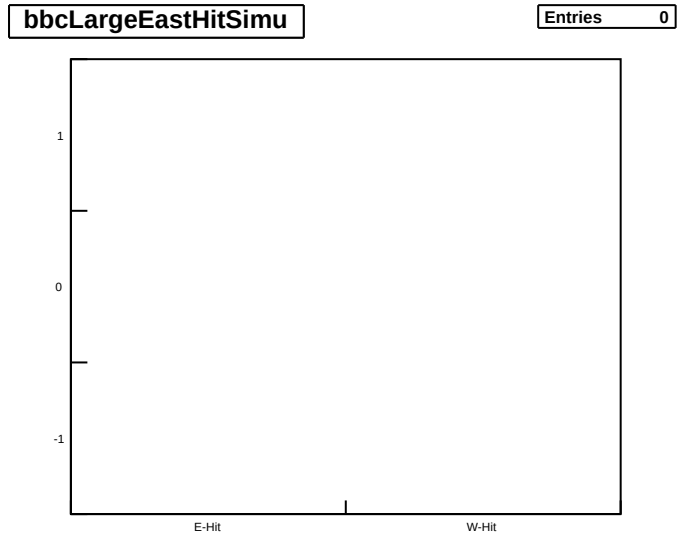

bbcSmallWestAdcSum
Entries 99997

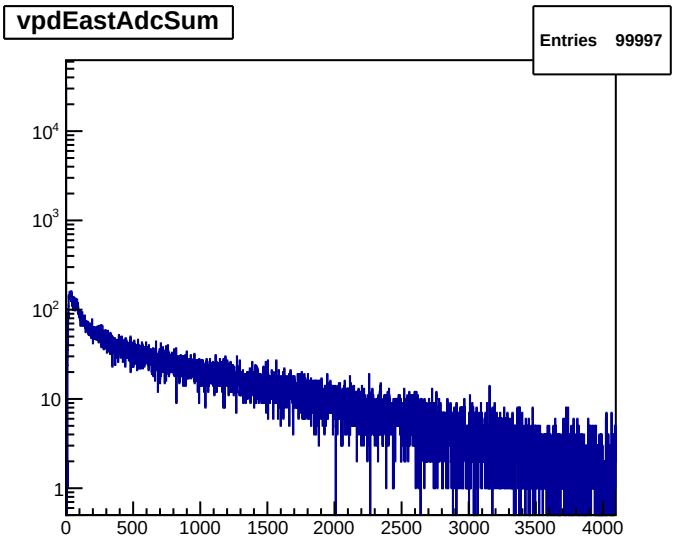

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

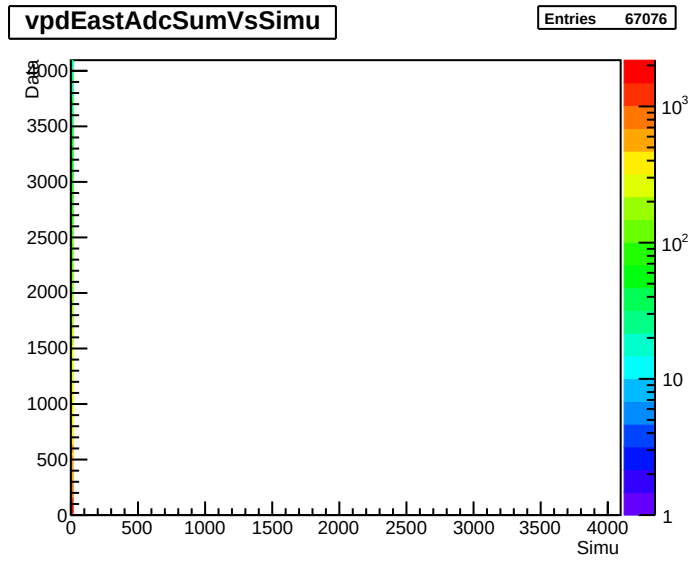

bbcSmallWestTacMax
Entries 99997

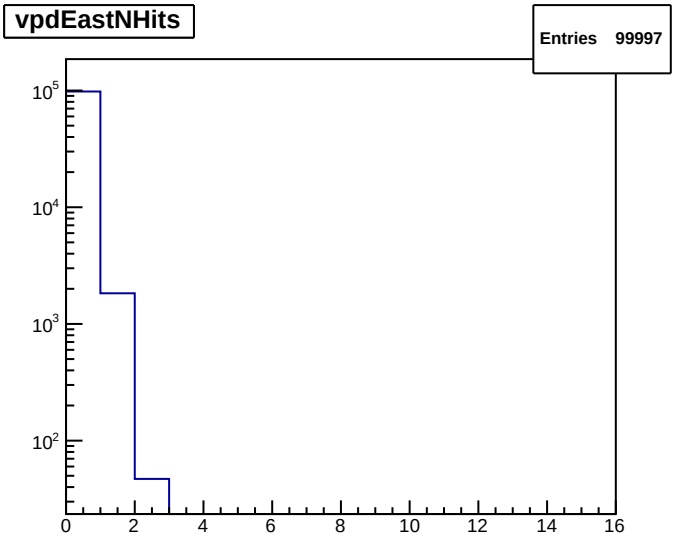

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

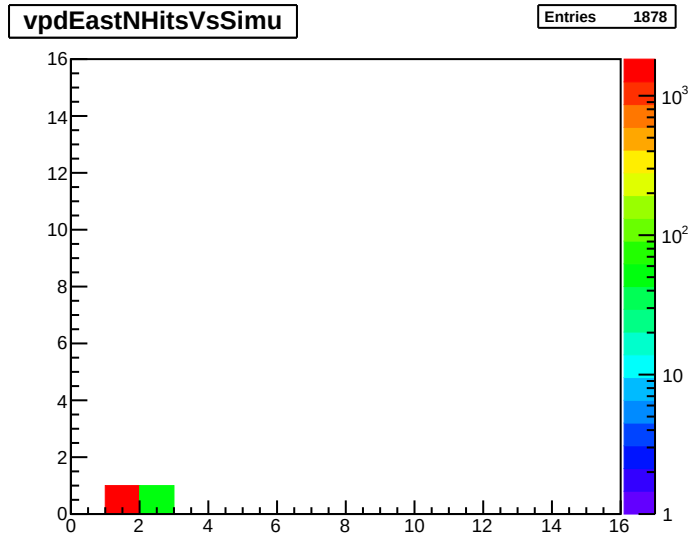

bbcLargeHit
Entries 199994
1
0
90768
88256
9229
11741
E-Hit
W-Hit
10^4

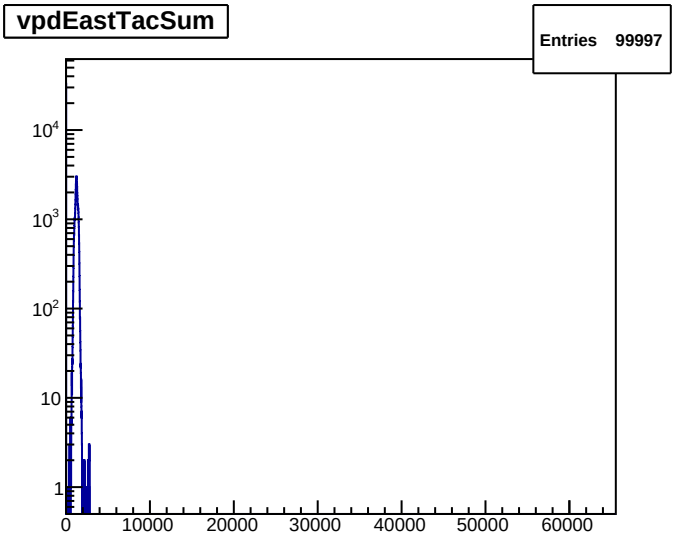

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

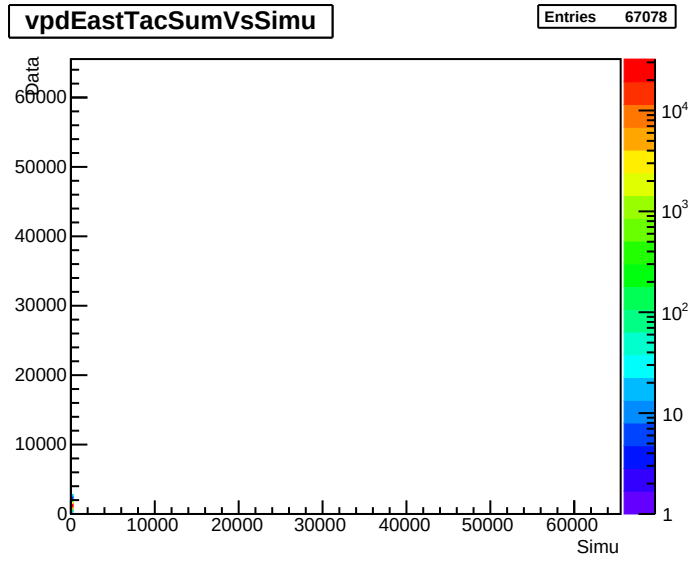

vpdEastAdcSum
Entries 99997

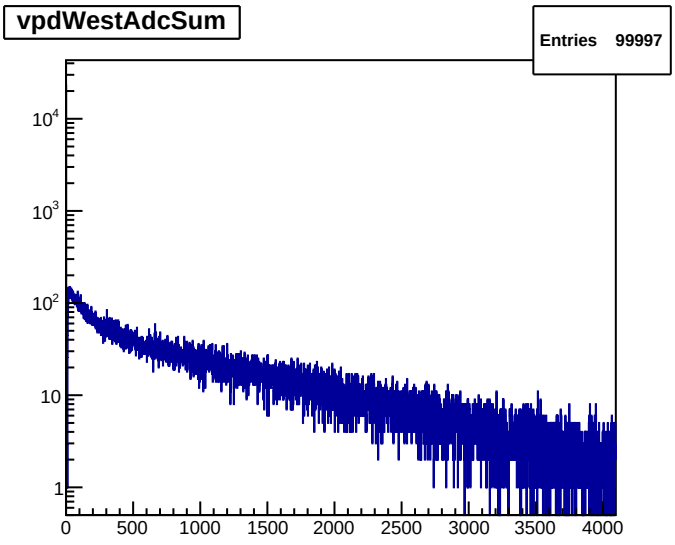

vpdEastAdcSumVsSimu
Entries 67076
Data
Simu

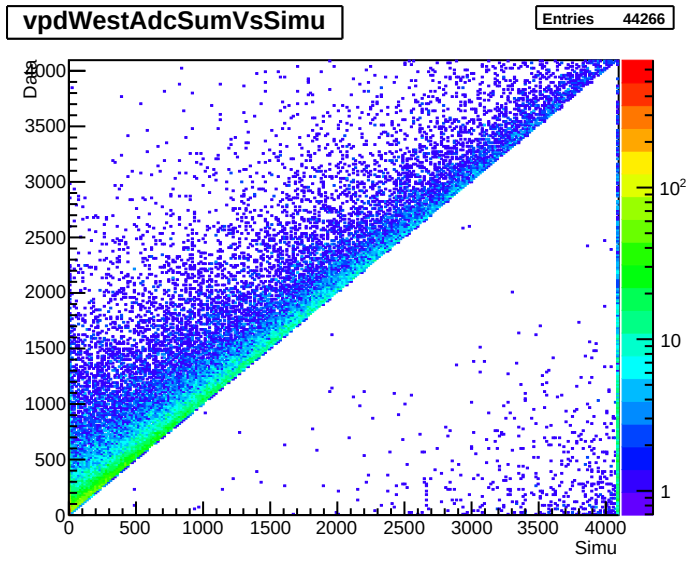

vpdEastNHits
Entries 99997

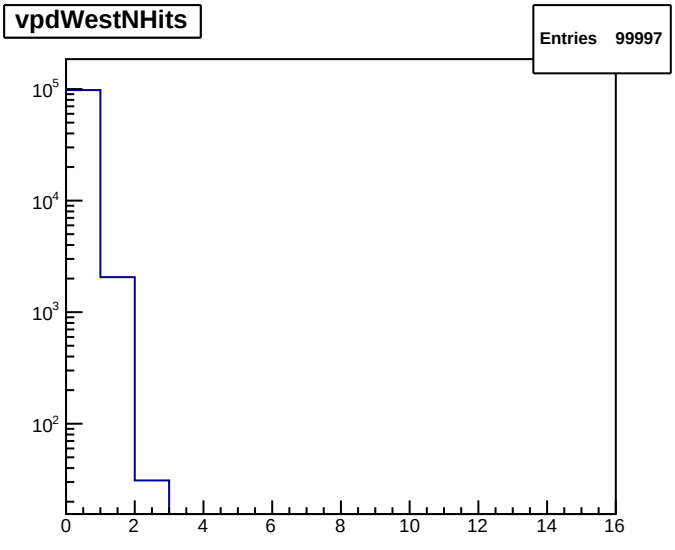

vpdEastNHitsVsSimu
Entries 1878

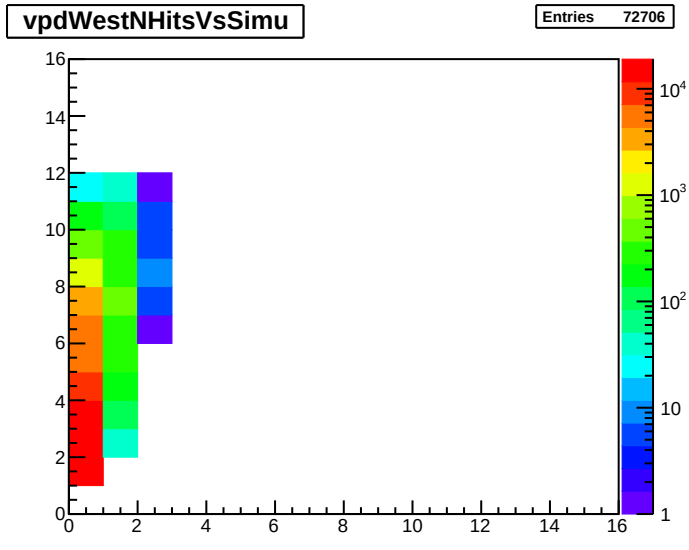

vpdEastTacSum
Entries 99997

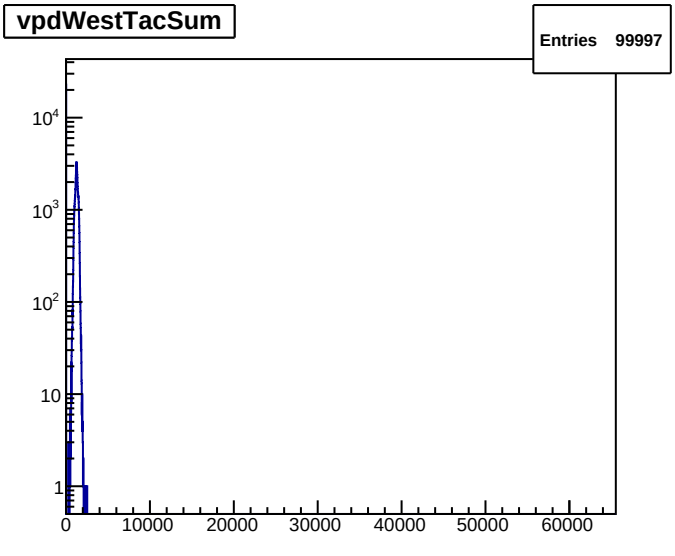

vpdEastTacSumVsSimu
Entries 67078
Data
Simu

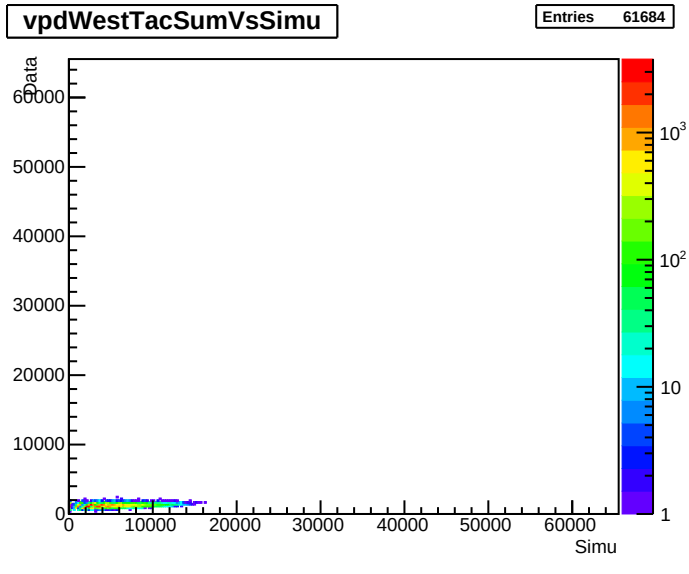

vpdWestAdcSum
Entries 99997

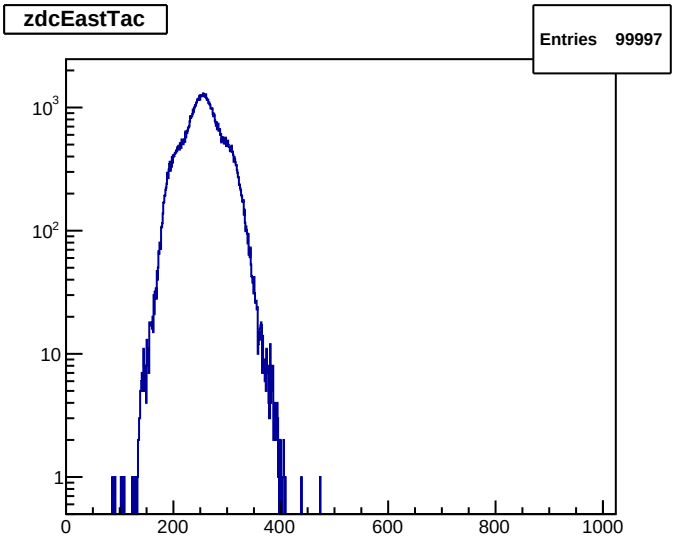

vpdWestAdcSumVsSimu
Entries 44266
Data
Simu

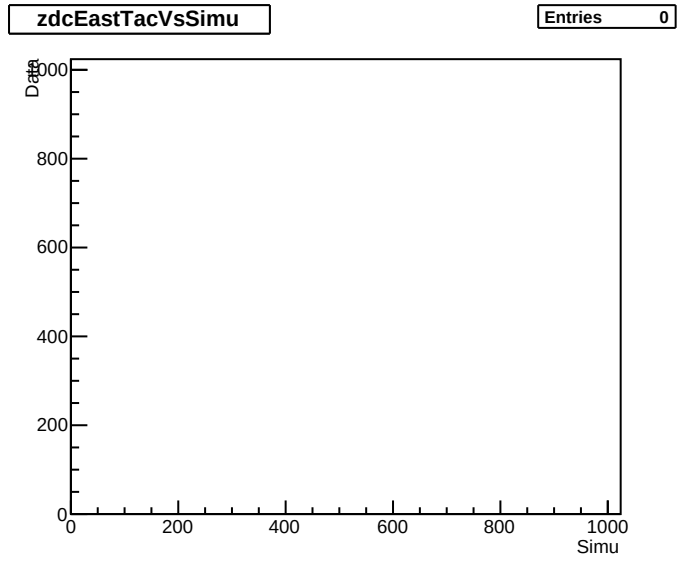

vpdWestNHits
Entries 99997

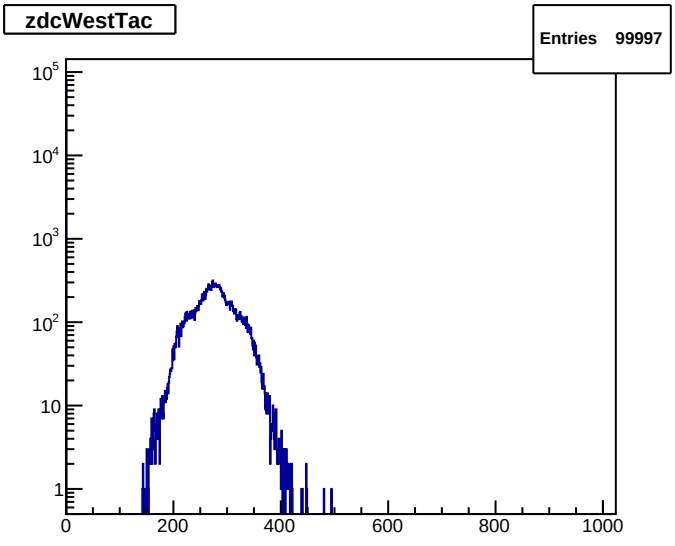

vpdWestNHitsVsSimu
Entries 72706

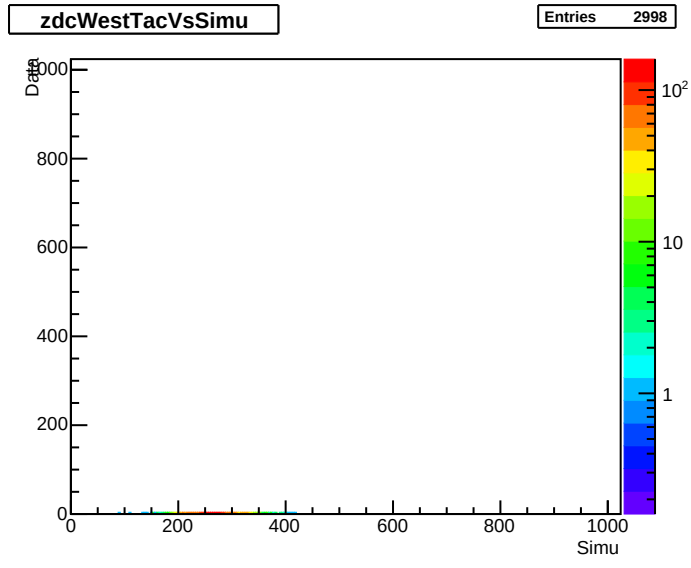

vpdWestTacSum
Entries 99997

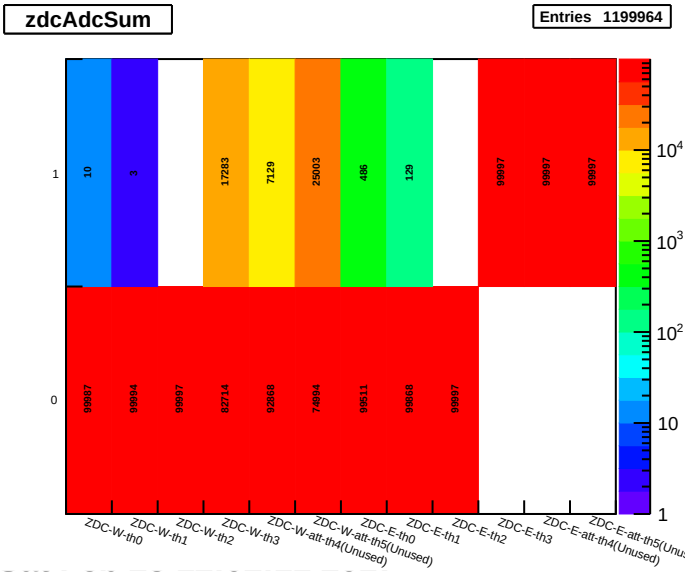

vpdWestTacSumVsSimu
Entries 61684
Data
Simu

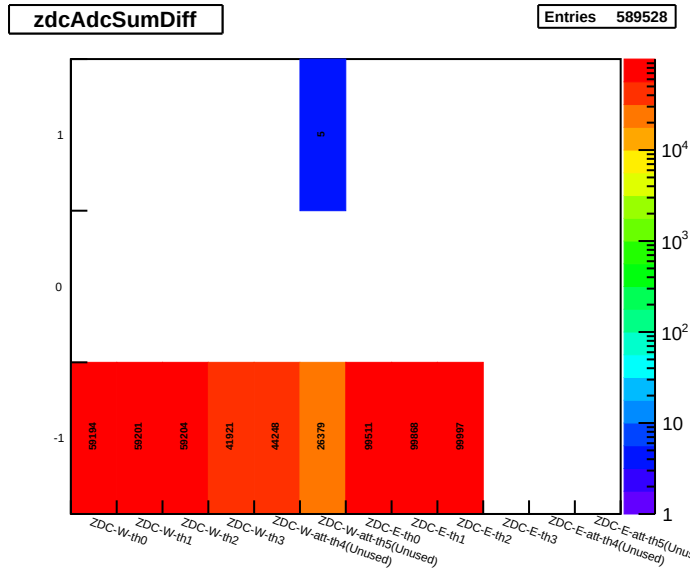

zdcEastTac
Entries 99997
10^3
10^2
10
1
0
200
400
600
800
1000

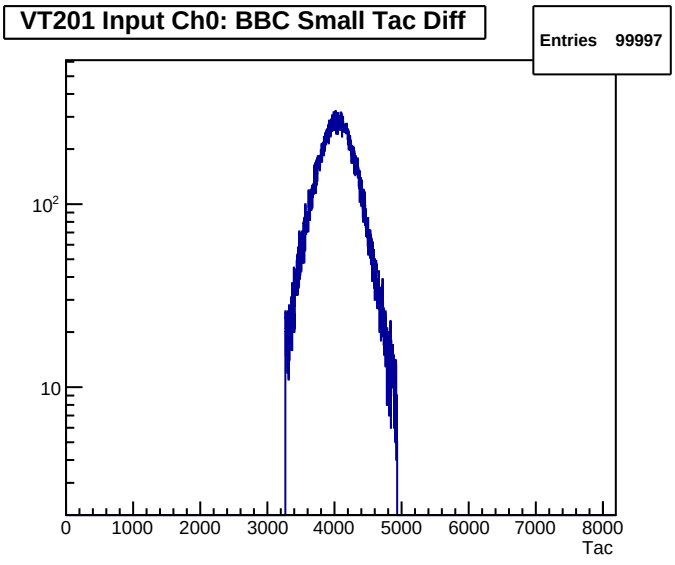

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

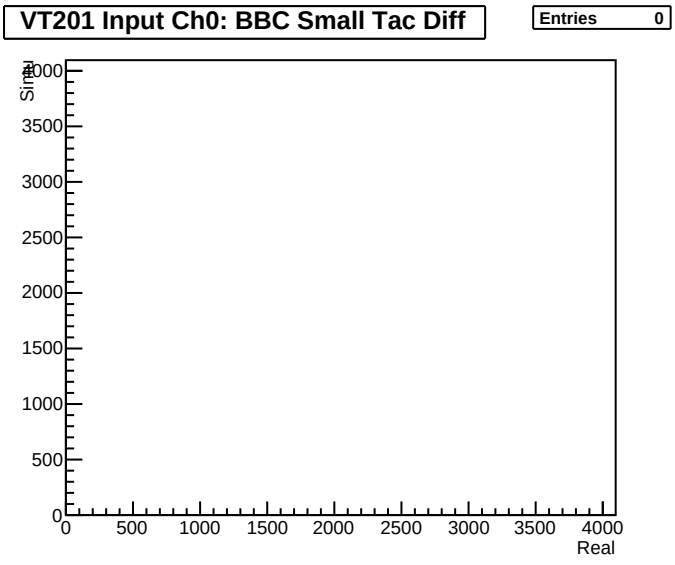

zdcWestTac
Entries 99997
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

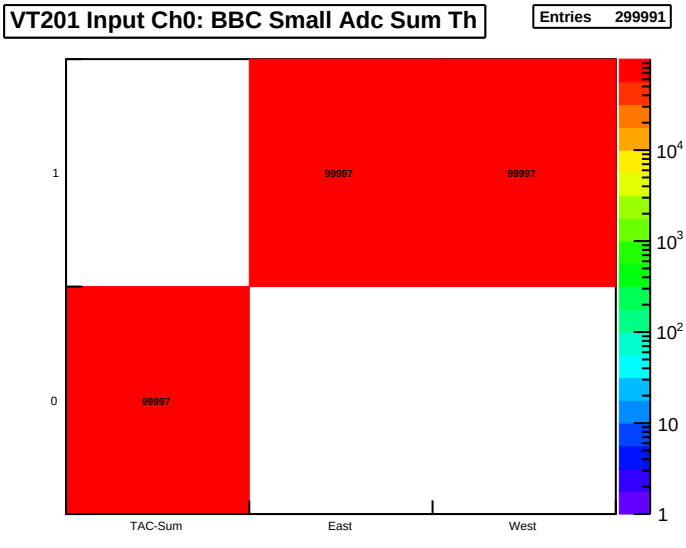

zdcWestTacVsSimu
Entries 2998
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu
10^2
10
1

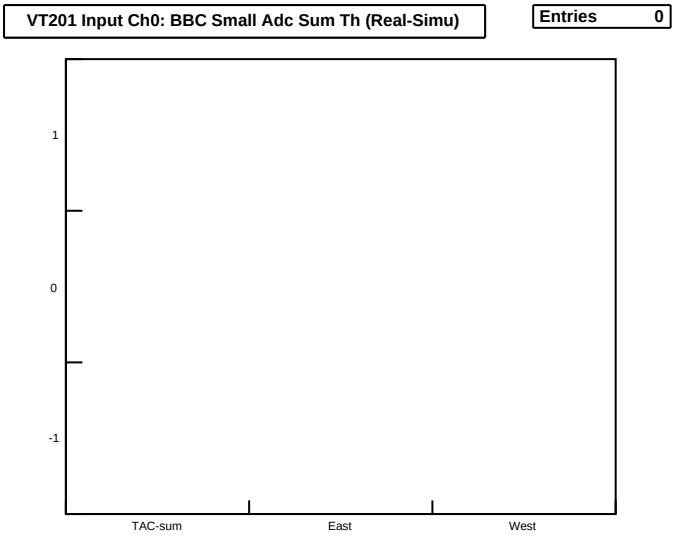

zdcAdcSum
Entries 1199964
1
0
10
3
17283
7129
25003
486
129
99997
99997
99997
99987
99994
99997
82714
92868
74994
96511
99868
99997
10^4
10^3
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

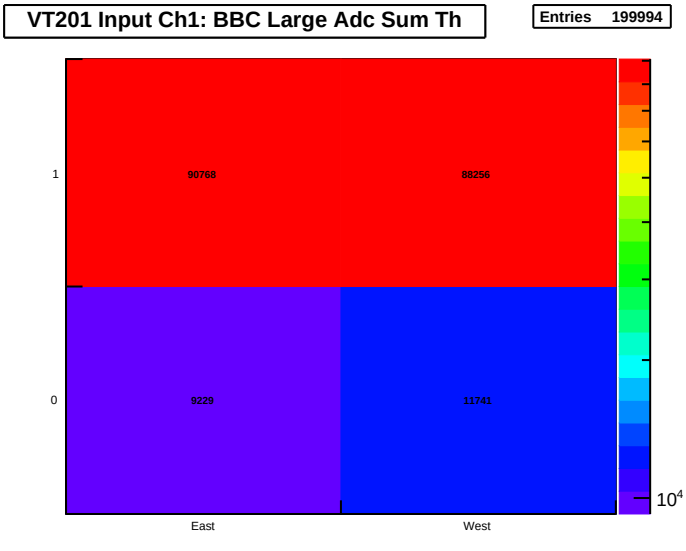

zdcAdcSumDiff
Entries 589528
1
0
-1
5
59194
59201
59204
41921
44248
26379
96511
99868
99997
10^4
10^3
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

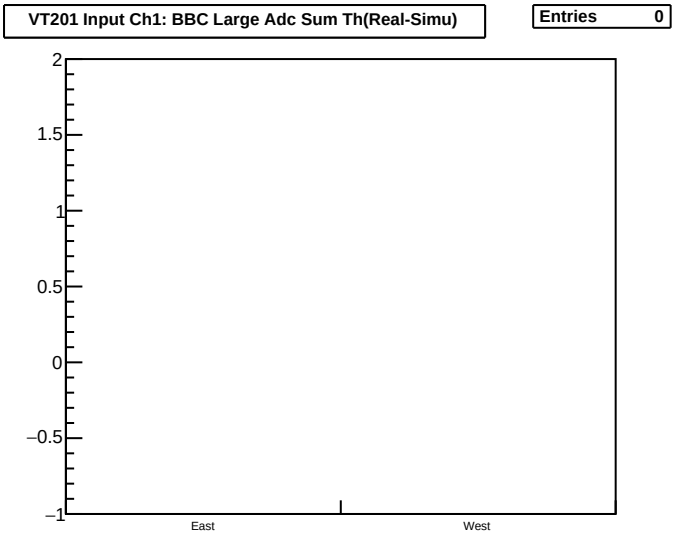

VT201 Input Ch0: BBC Small Tac Diff
Entries 99997
Tac


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

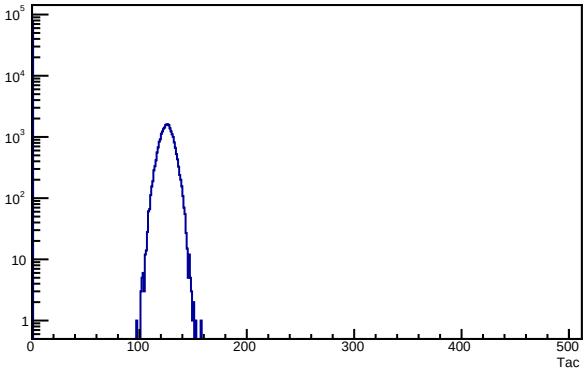

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 299991
99997
99997
99997
TAC-Sum
East
West


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

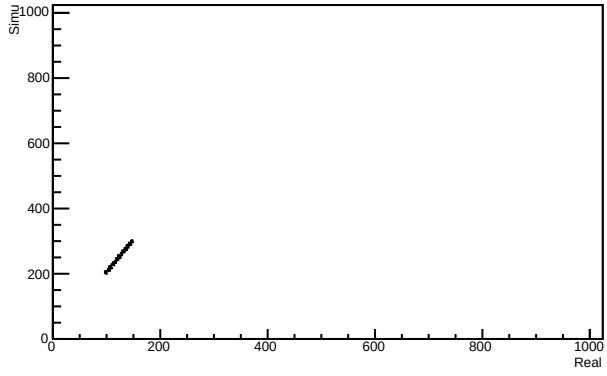

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 199994
90768
88256
9229
11741
East
West


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

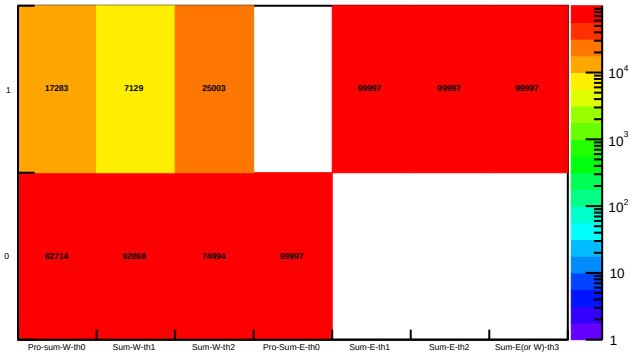
VT201 Input Ch2: ZDC Tac Diff



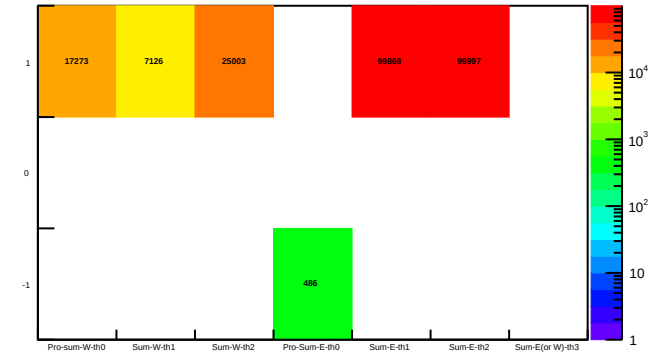
VT201 Input Ch2: ZDC Tac Diff



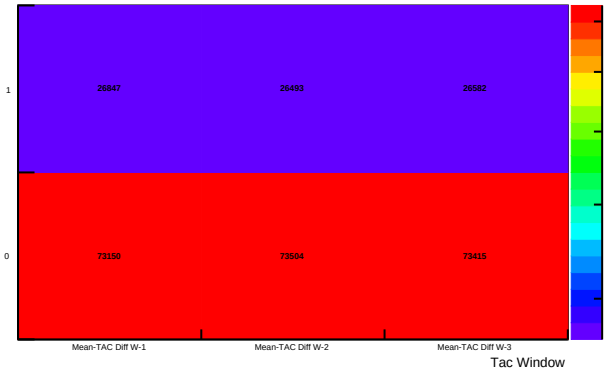
VT201 Input Ch2: ZDC Adc Sum Th



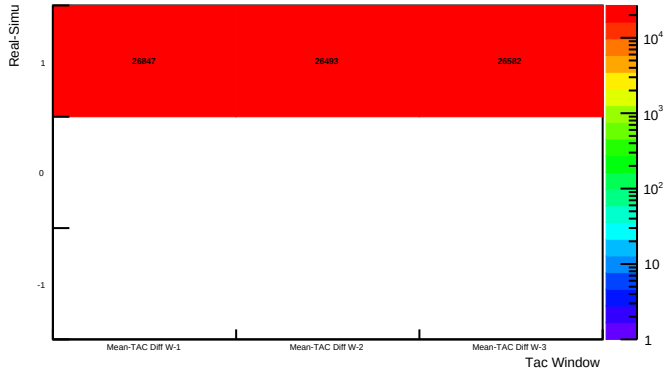
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



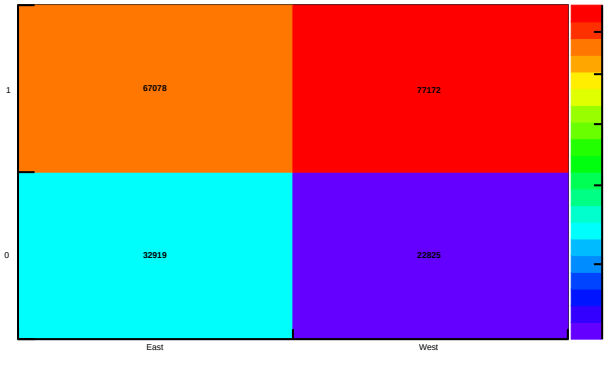
VT201 Input Ch4: VPD Tac Diff



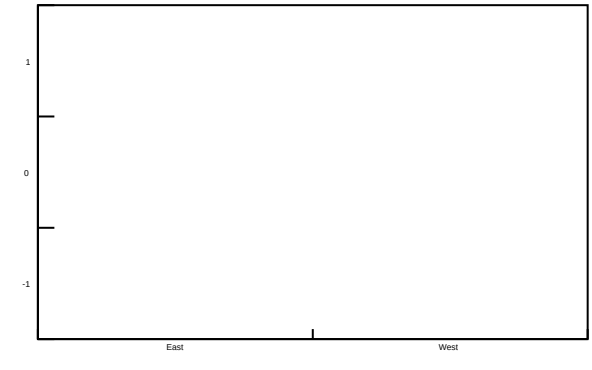
VT201 Input Ch4: VPD Tac Diff

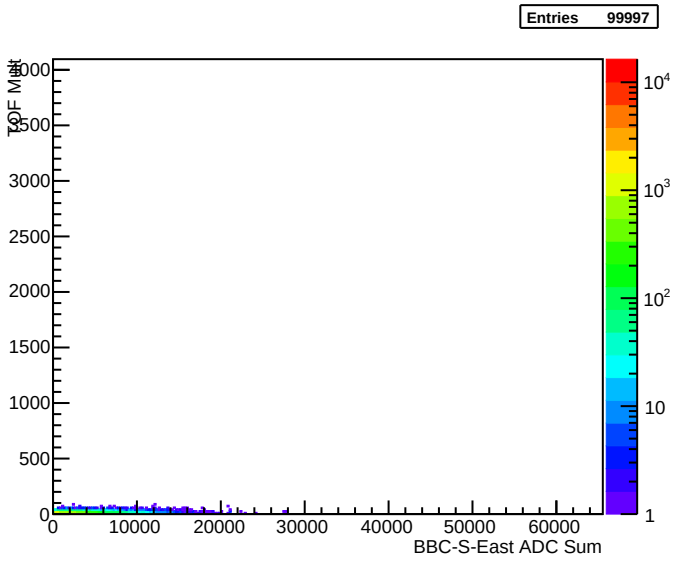


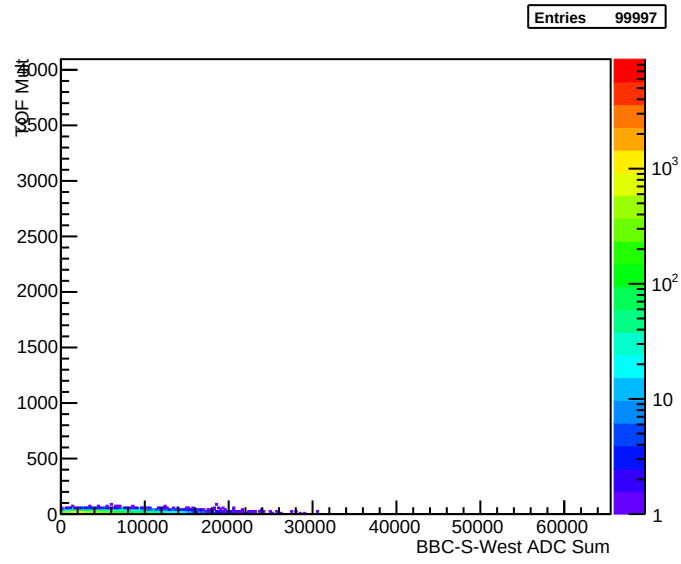
VT201 Input Ch4: VPD Adc Sum Th

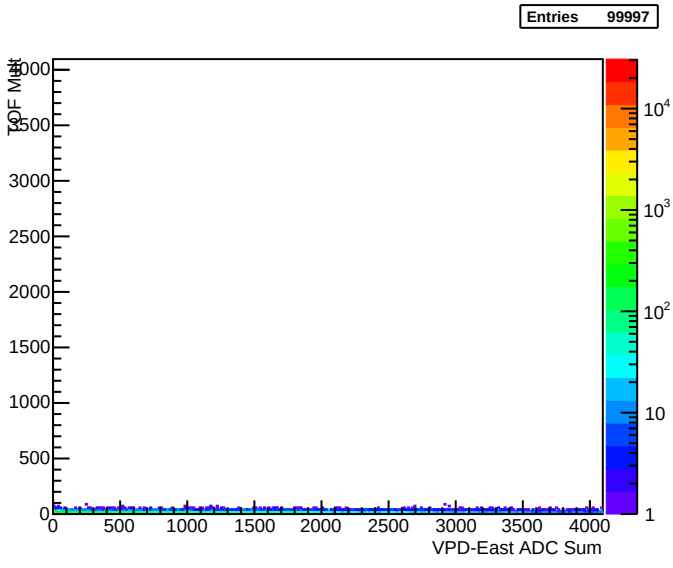


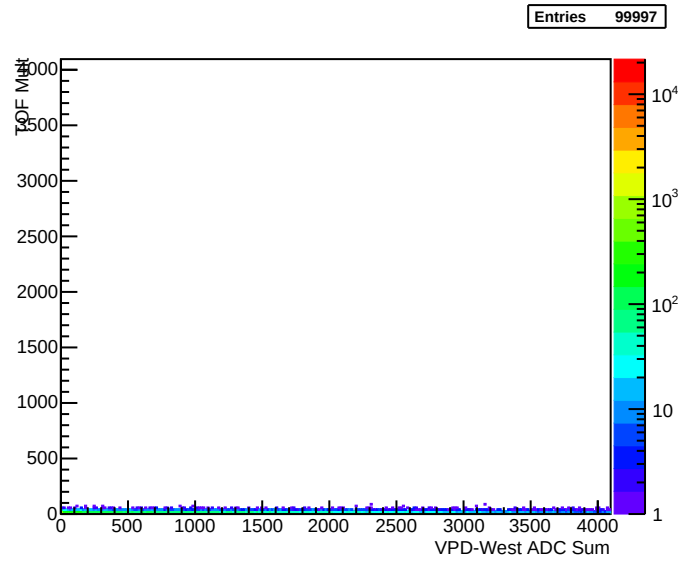
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

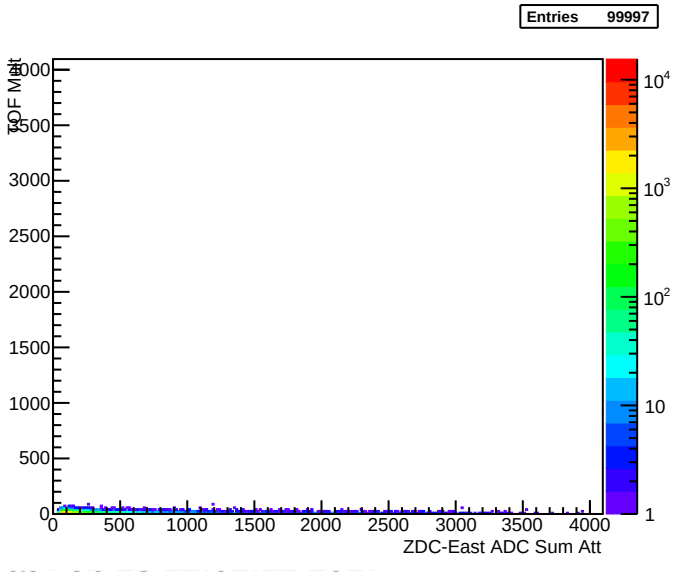


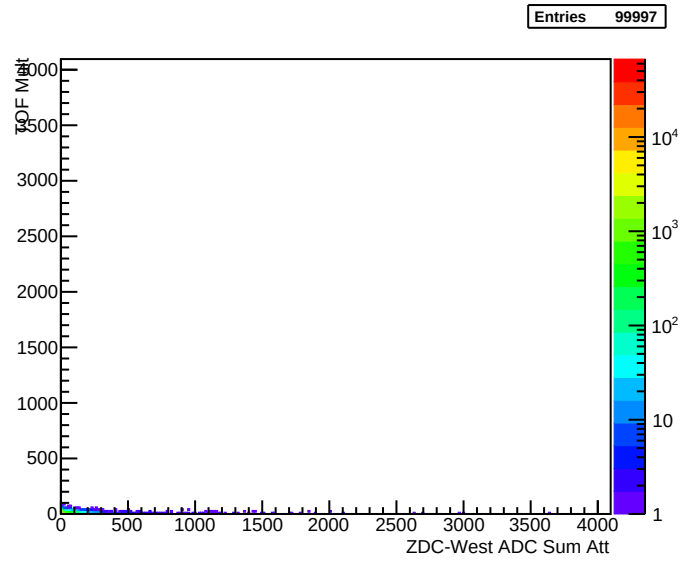

Entries 99997
TOF Mult
BBC-S-East ADC Sum

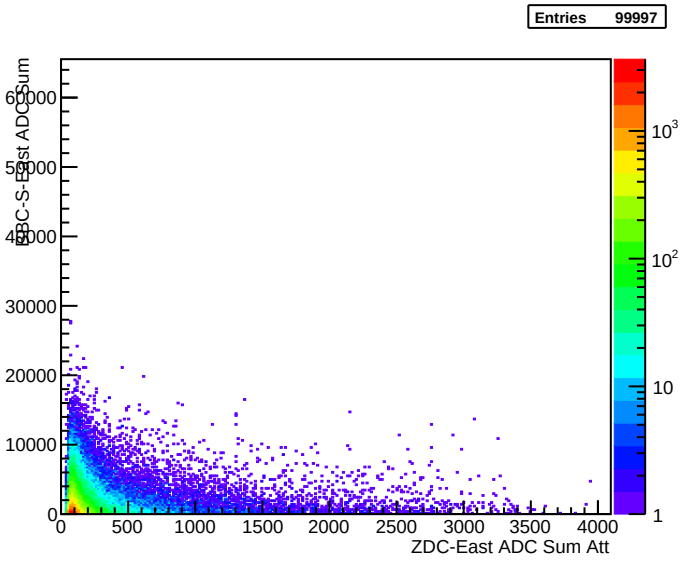

Entries 99997
TOF Mult
BBC-S-West ADC Sum

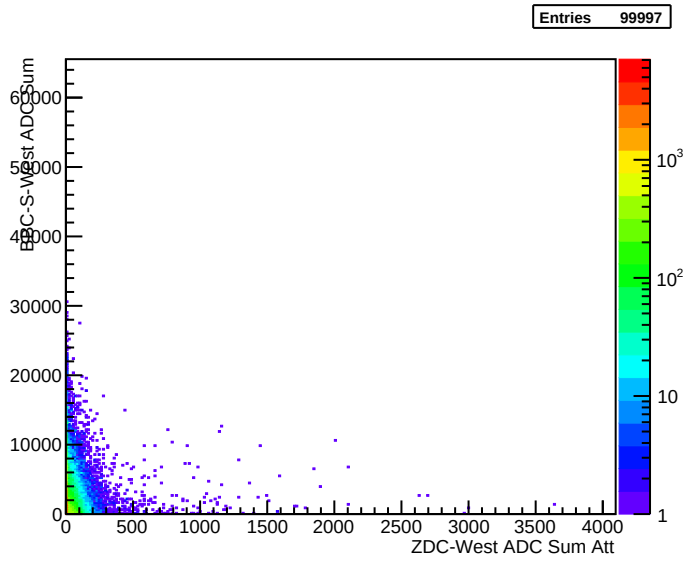

Entries 99997
TOF Mult
VPD-East ADC Sum

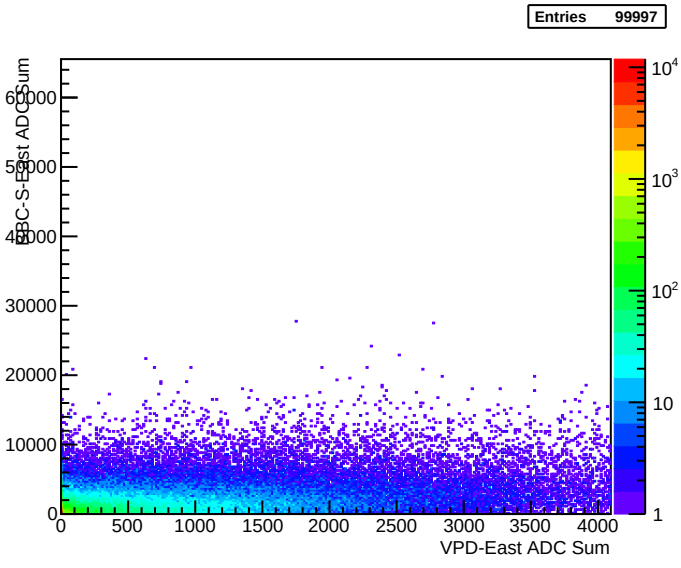

Entries 99997
TOF Mult
VPD-West ADC Sum

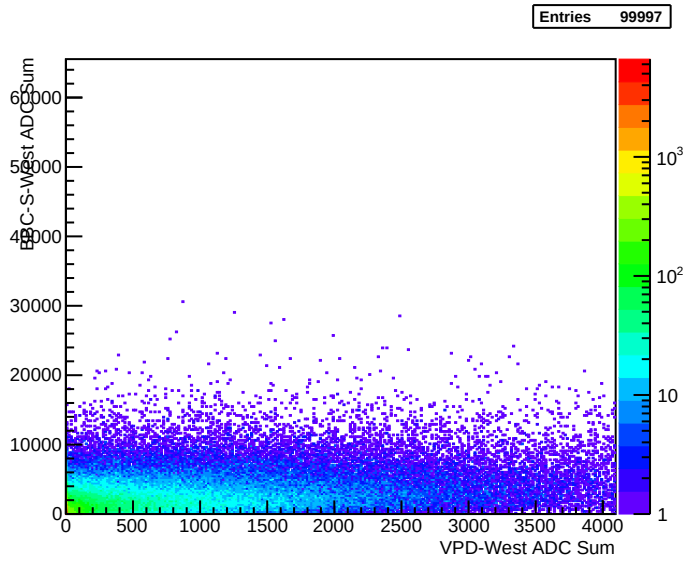

Entries 99997
TOF Mult
ZDC-East ADC Sum Att

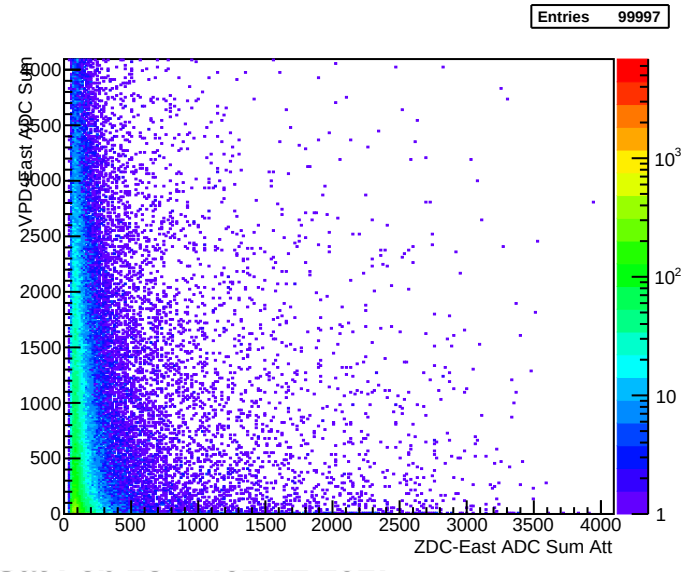

Entries 99997
TOF Mult
ZDC-West ADC Sum Att

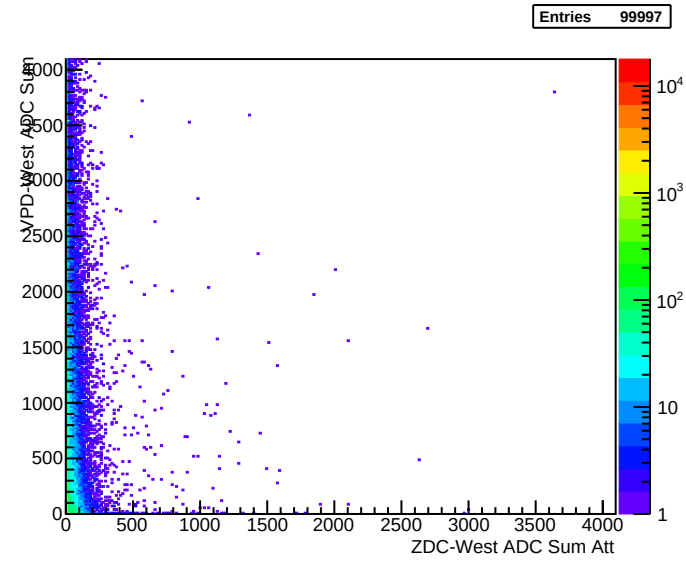

Entries 99997
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

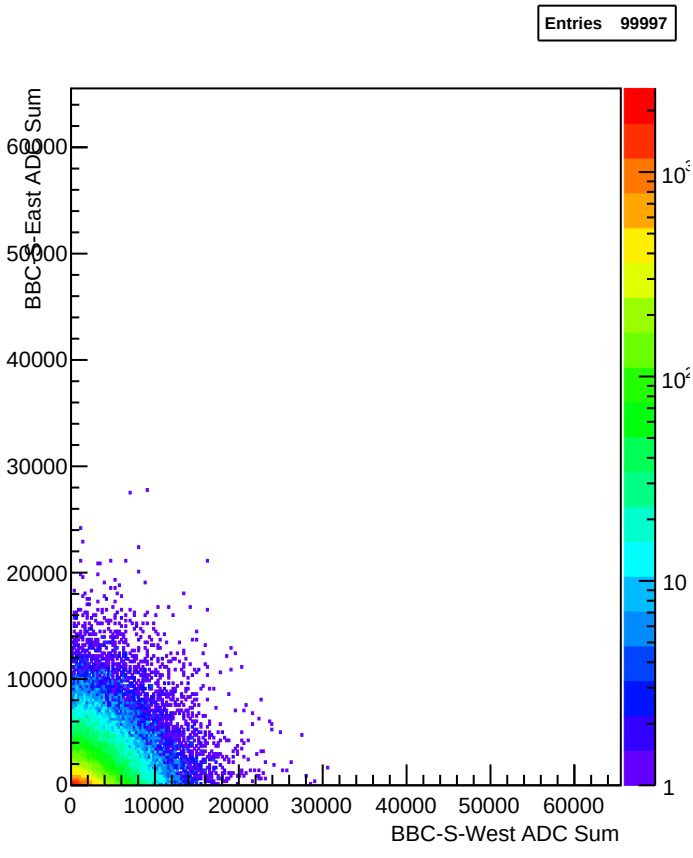

Entries 99997
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

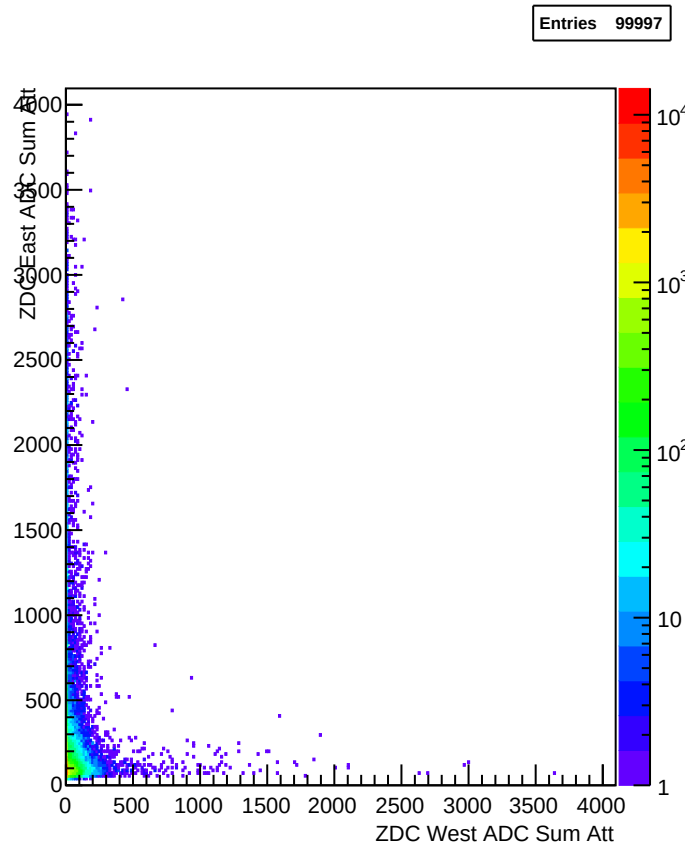

Entries 99997
BBC-S-East ADC Sum
VPD-East ADC Sum

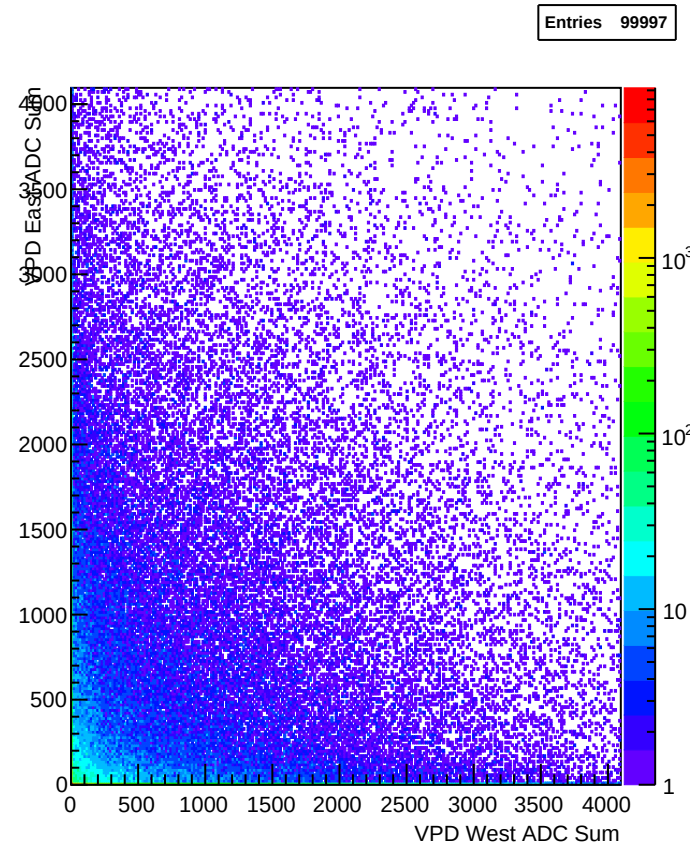

Entries 99997
BBC-S-West ADC Sum
VPD-West ADC Sum

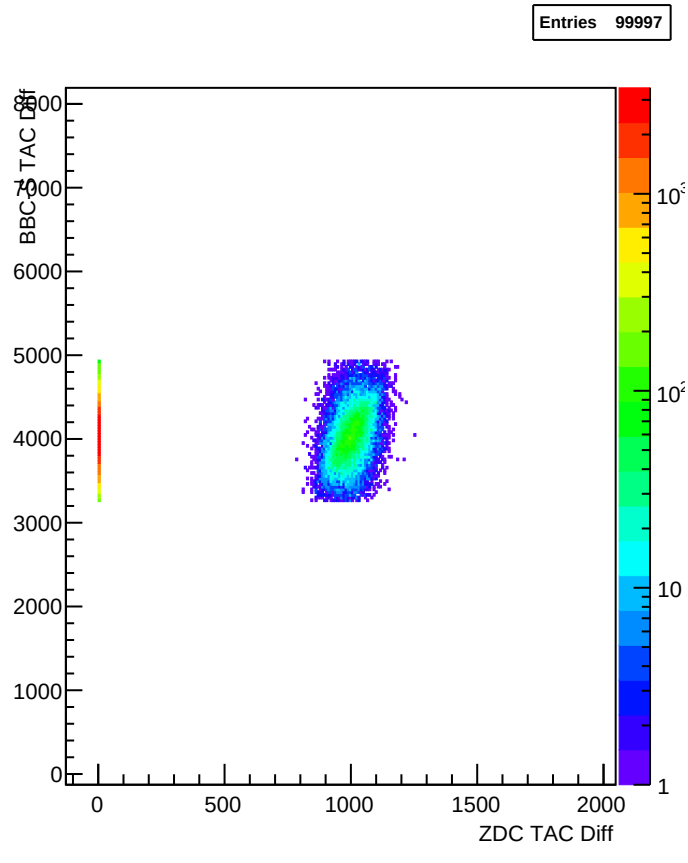

Entries 99997
VPD-East ADC Sum
ZDC-East ADC Sum Att

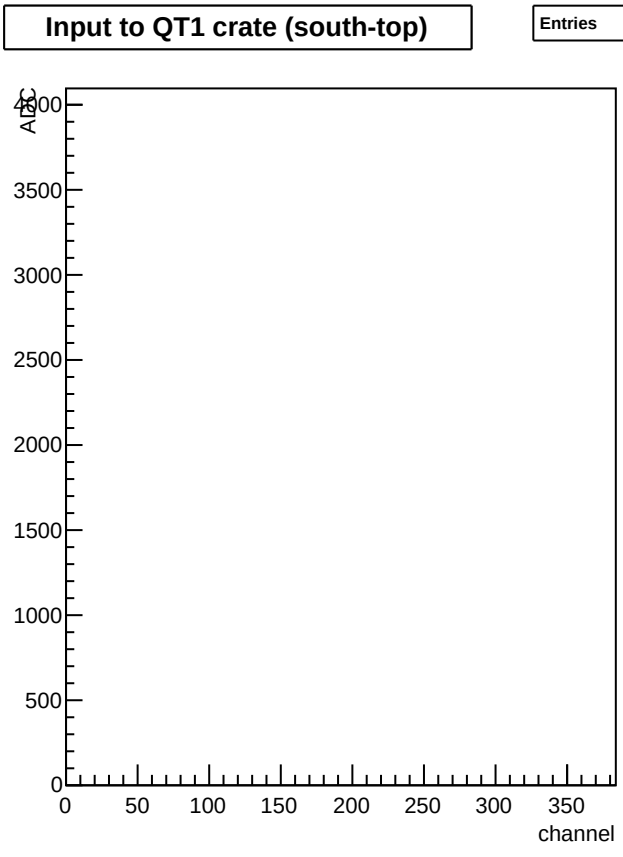

Entries 99997
VPD-West ADC Sum
ZDC-West ADC Sum Att

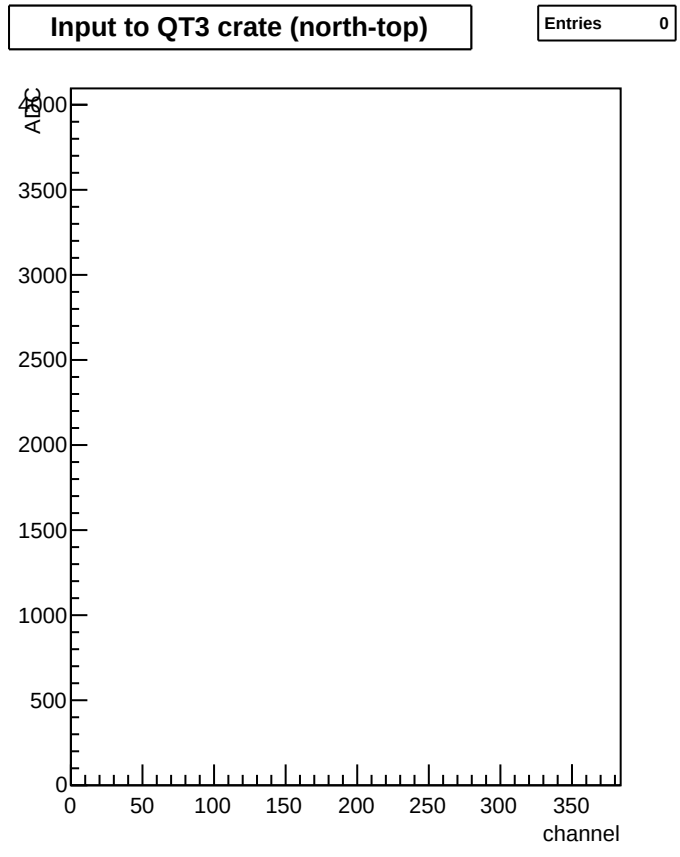

Entries 99997
BBC-S-East ADC Sum
BBC-S-West ADC Sum

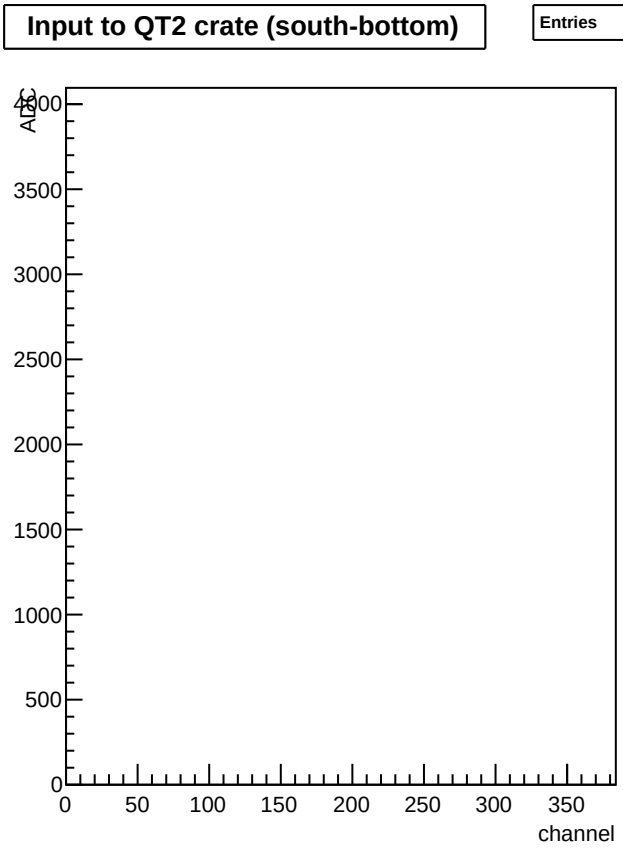

Entries 99997
ZDC East ADC Sum Att
ZDC West ADC Sum Att

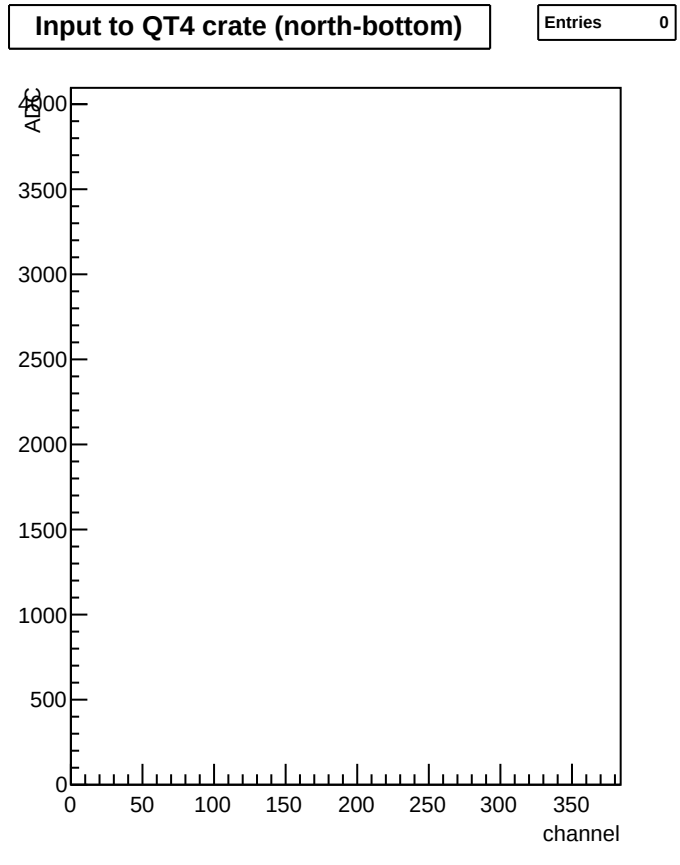

Entries 99997
VPD East ADC Sum
VPD West ADC Sum

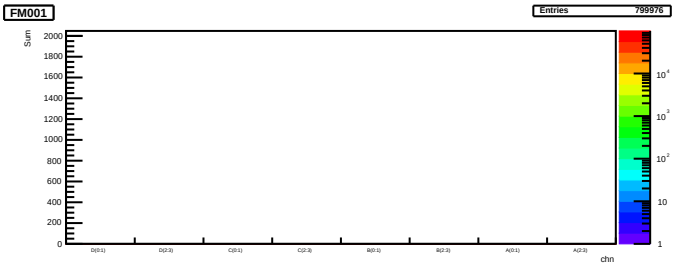

Entries 99997
BBC-S TAC Diff
ZDC TAC Diff

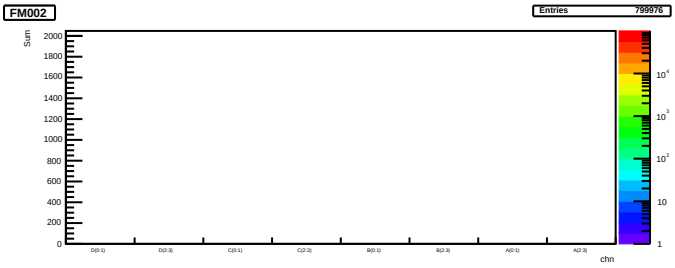

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

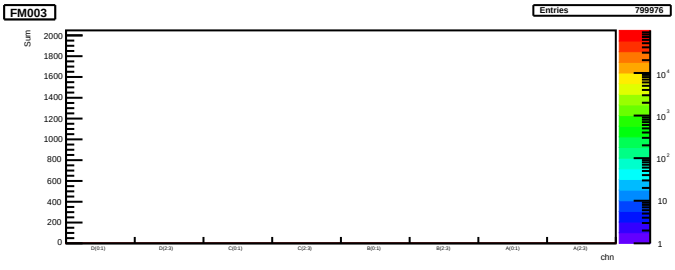

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

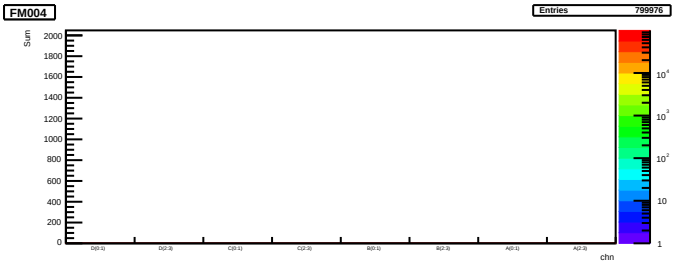

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

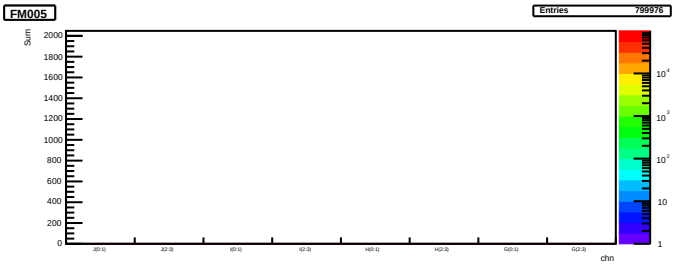

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

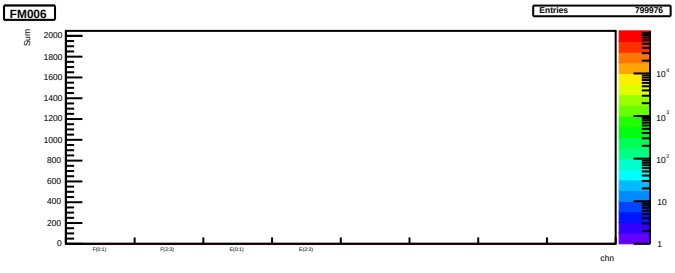

FM001
Entries 799976
Sum
chn

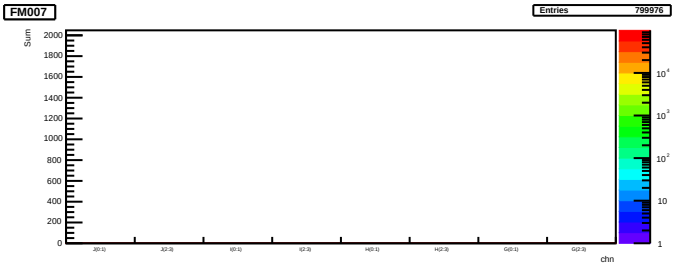

FM002
Entries 799976
Sum
chn

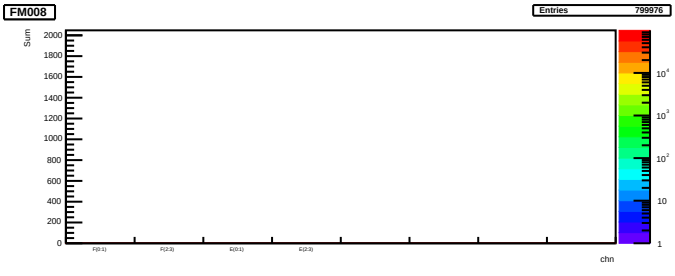

FM003
Entries 799976
Sum
chn

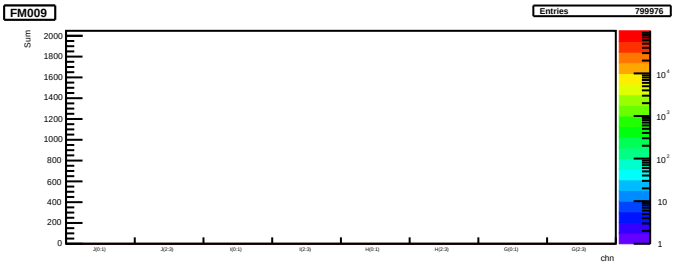

FM004
Entries 799976
Sum
chn

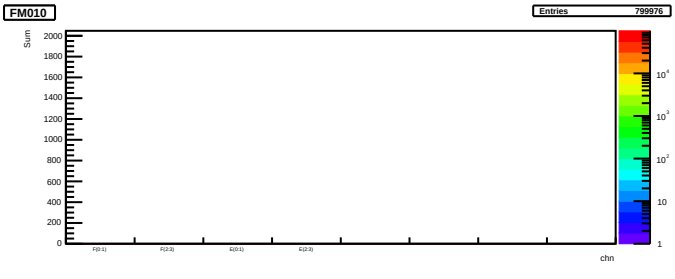

FM005
Entries 799976
Sum
chn

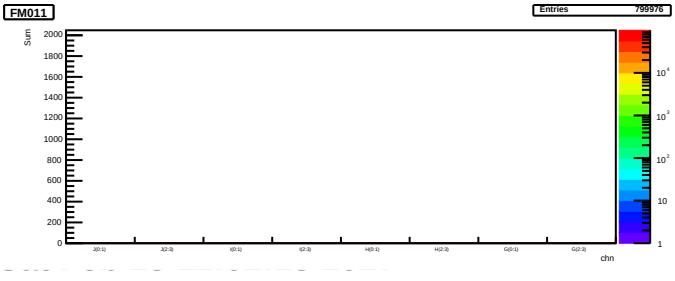

FM006
Entries 799976
Sum
chn

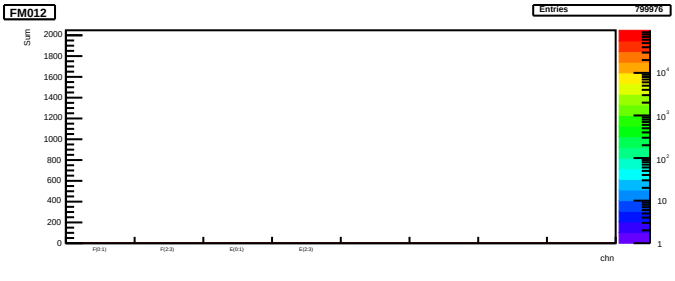

FM007
Entries 799976
Sum
chn

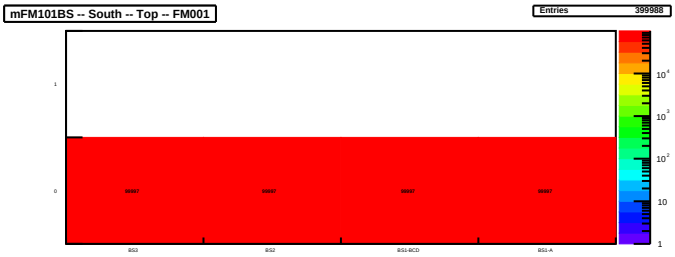

FM008
Entries 799976
Sum
chn


FM009
Entries 799976
Sum
chn


FM010
Entries 799976
Sum
chn


FM011
Entries 799976
Sum
chn


FM012
Entries 799976
Sum
chn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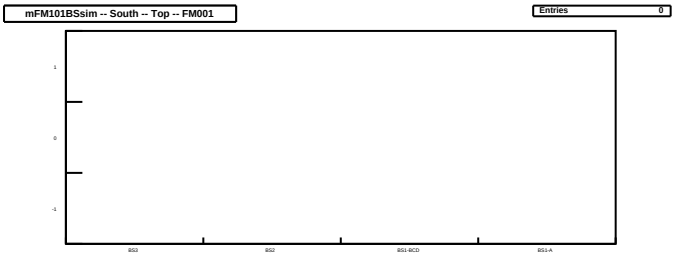
BS1-A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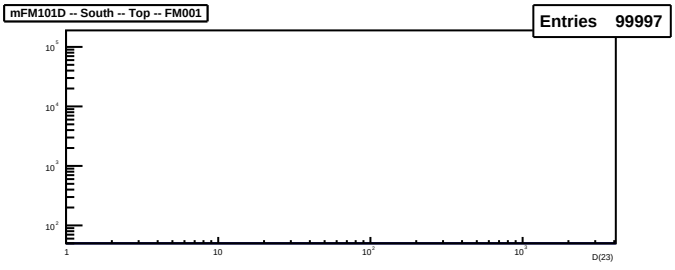
BS1-A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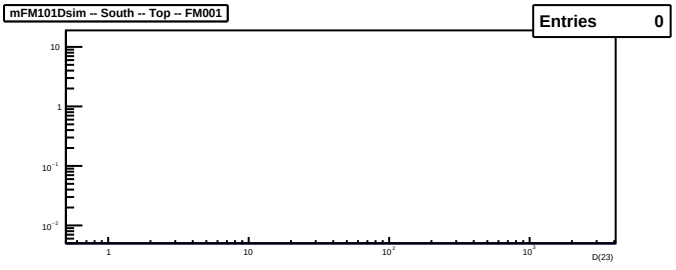
D(23)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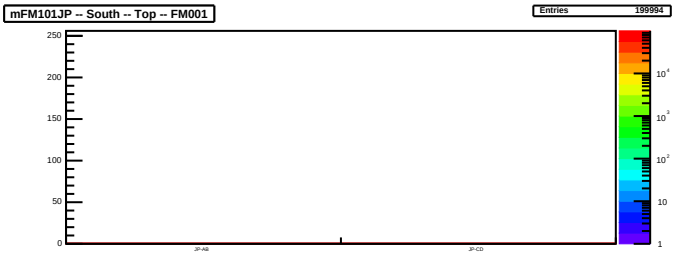
D(23)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Entries 199994
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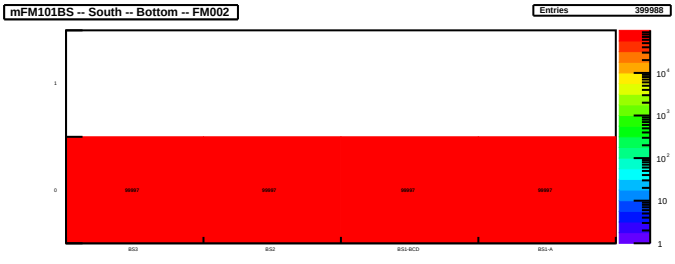
JP-CD

mFM101JPsim -- South -- Top -- FM001
Entries 0
JP-AB
JP-CD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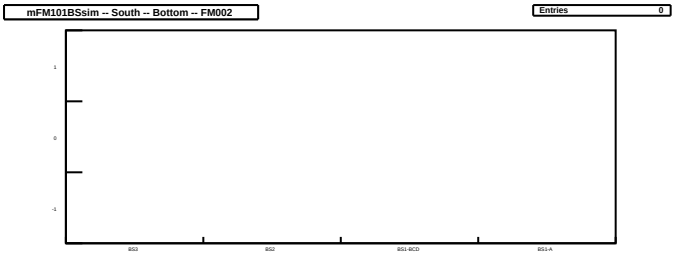
BS1-BCD
BS1-A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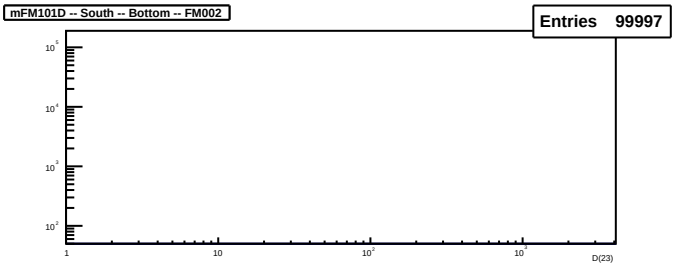
BS1-BCD
BS1-A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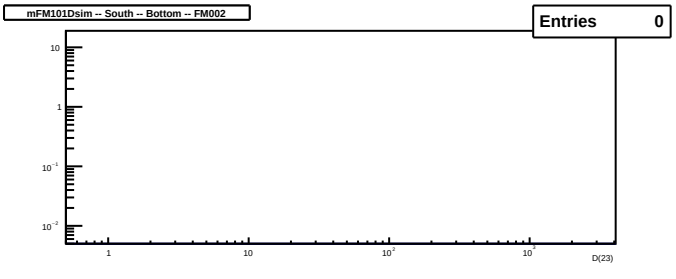
Entries 99997
D(23)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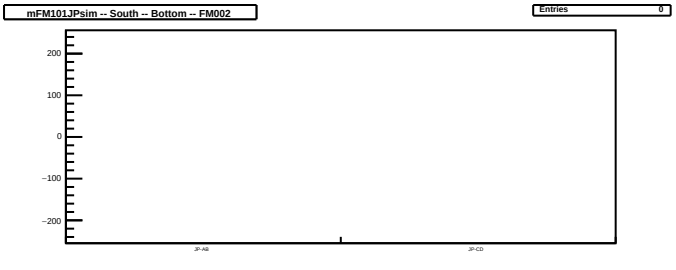
Entries 0
D(23)

mFM101JP -- South -- Bottom -- FM002
Entries 199994
JP-AB
JP-CD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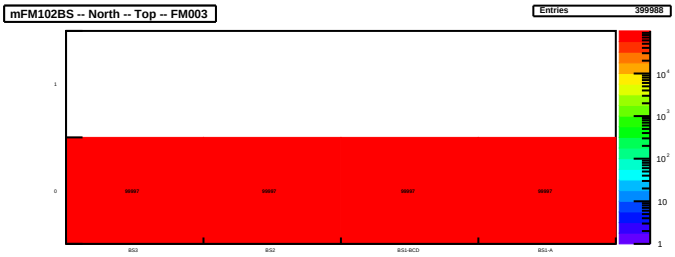
JP-CD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99997
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99997
BS3
BS2
BS1-BCD
BS1-A

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Entries 0
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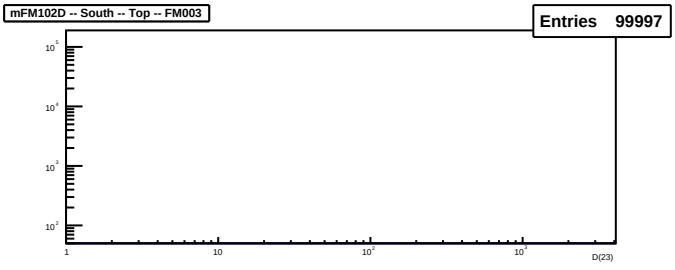
BS2
BS1-BCD
BS1-A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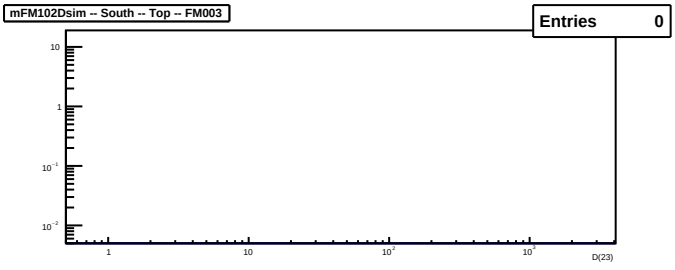
D(23)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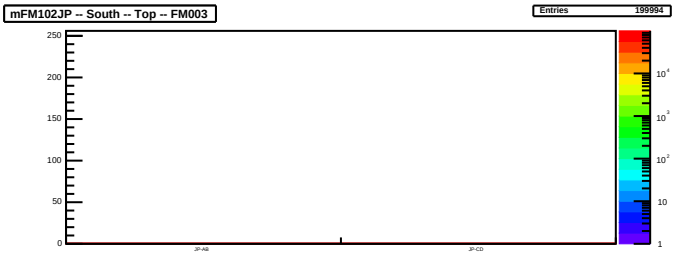
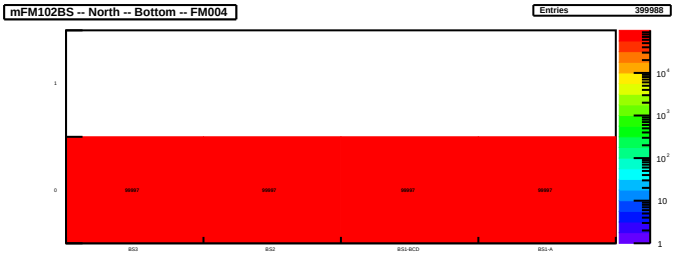

mFM102JP -- South -- Top -- FM003
Entries 199994
JP-AB
JP-CD

mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD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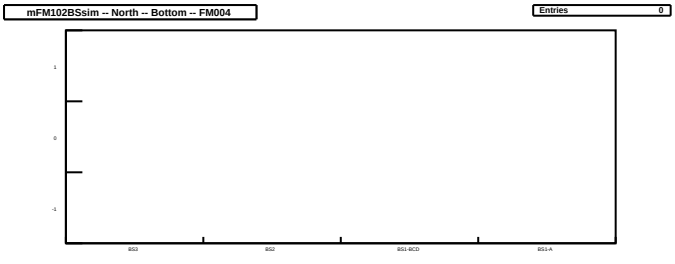
BS2
BS1-BCD
BS1-A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Entries 0
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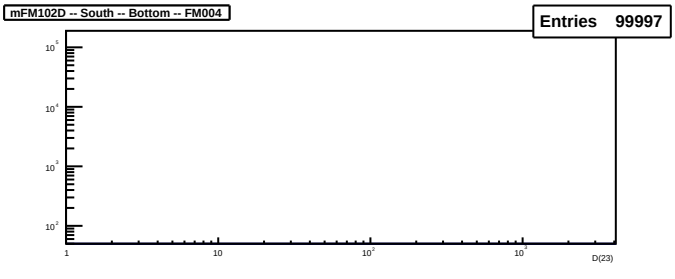
BS2
BS1-BCD
BS1-A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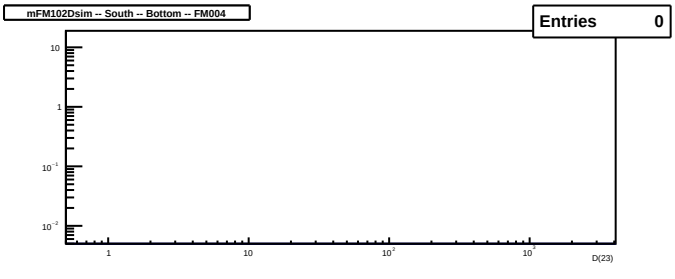
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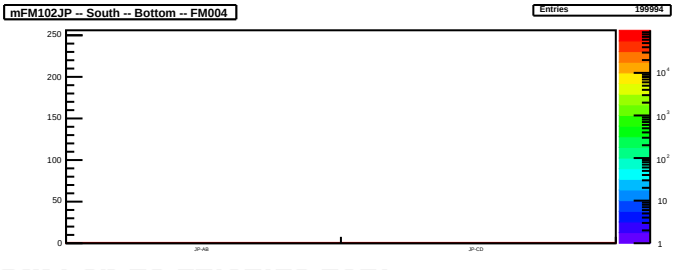
D(23)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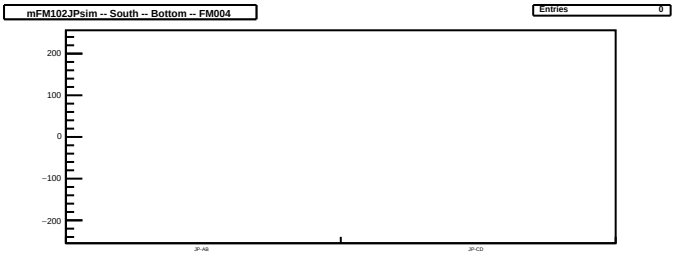
Entries 199994
JP-AB
JP-CD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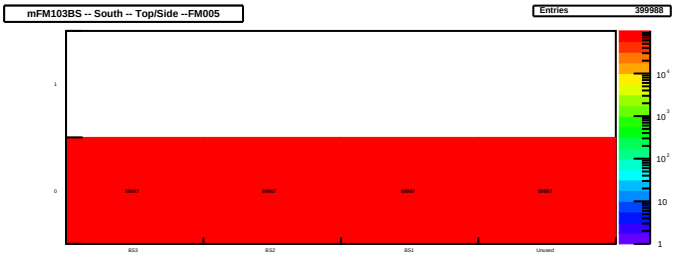
Entries 0
JP-AB
JP-CD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Entries 399988
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BS3
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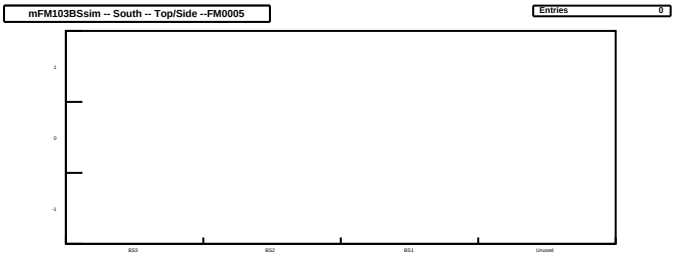
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Entries 0
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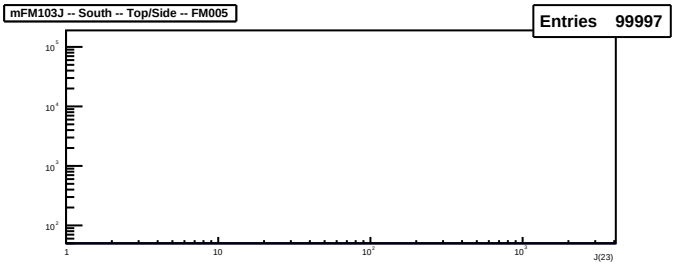
BS2
BS1
Unused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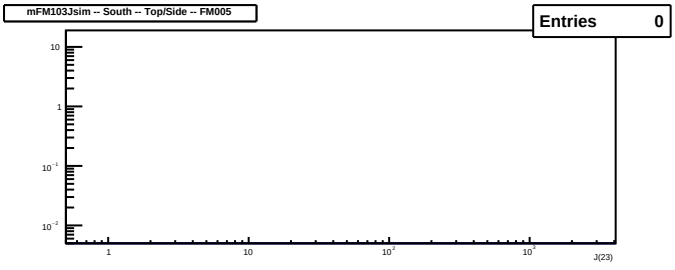
Entries 99997
J(23)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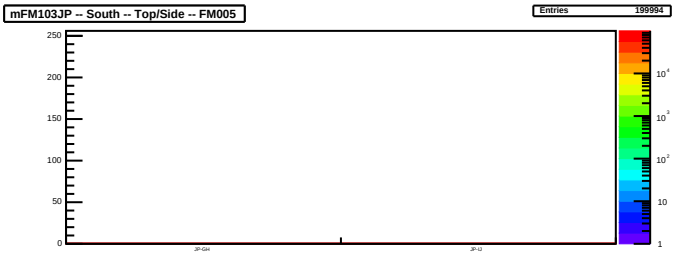
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Entries 199994
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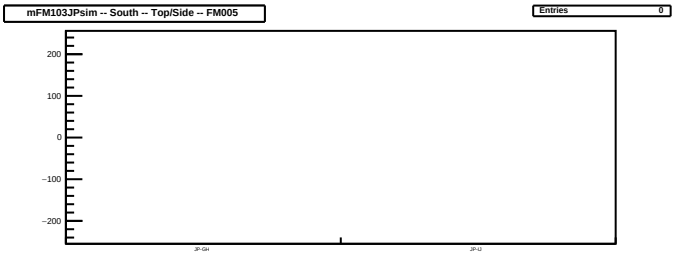
JP-IJ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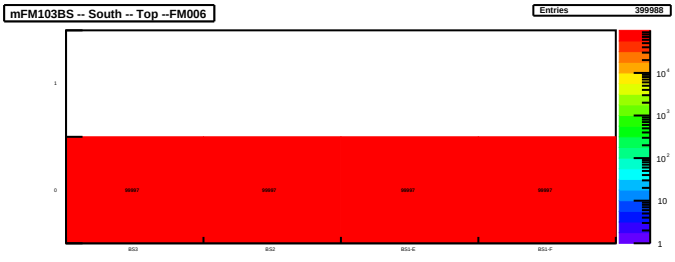
Entries 0
JP-GH
JP-IJ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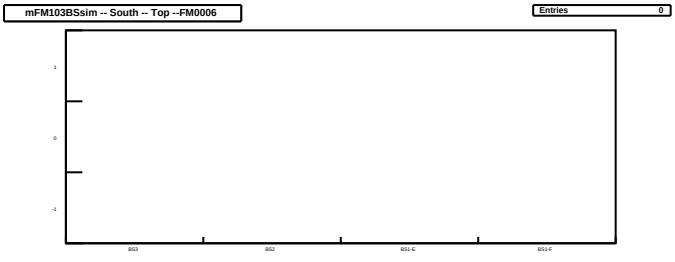
BS2
BS1-E
BS1-F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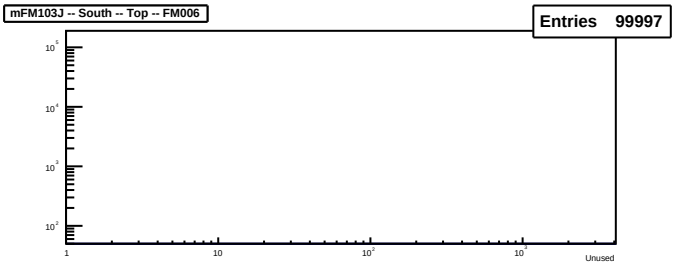
BS3
BS2
BS1-E
BS1-F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Entries 99997
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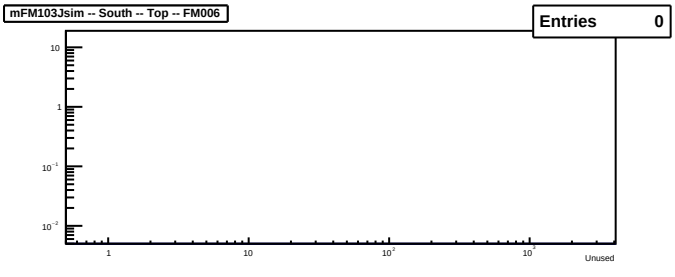
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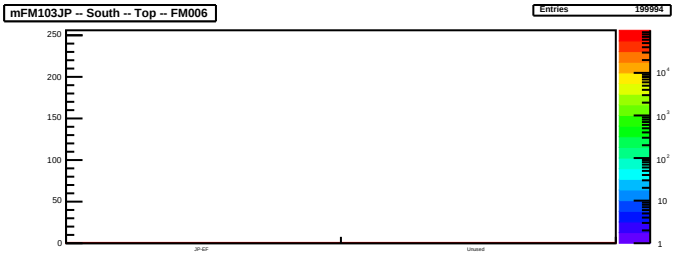
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Entries 199994
JP-EF
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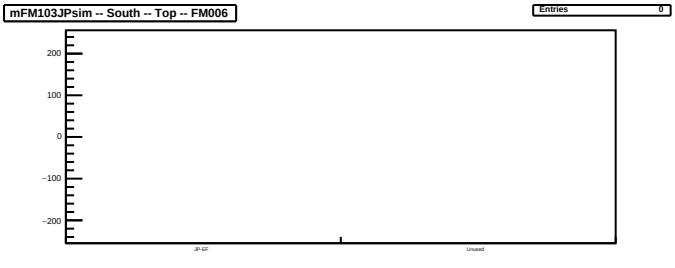
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Entries 0
JP-EF
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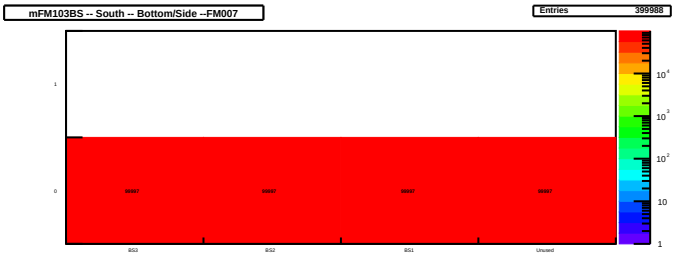
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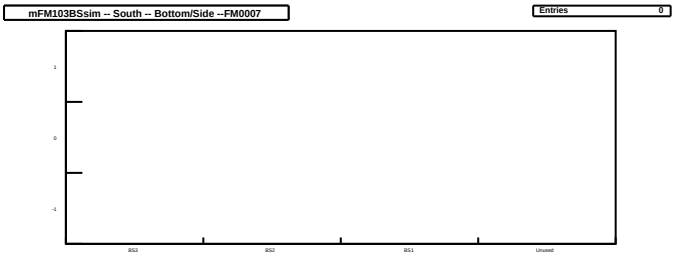
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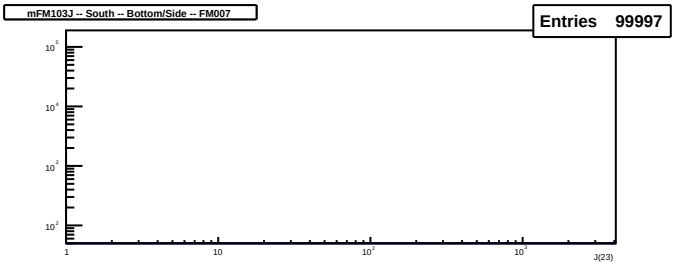
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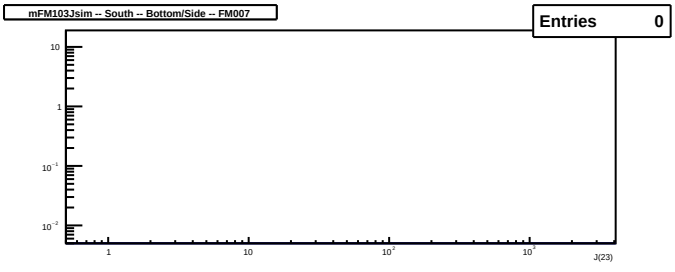
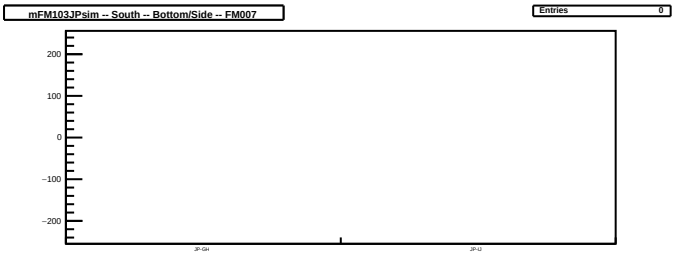
Entries 99997
J(23)


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

mFM103JP -- South -- Bottom/Side -- FM007
Entries 199994
JP-GH
JP-IJ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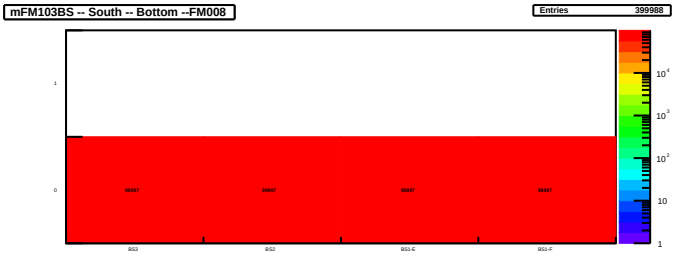
Entries 0
JP-GH
JP-IJ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99997
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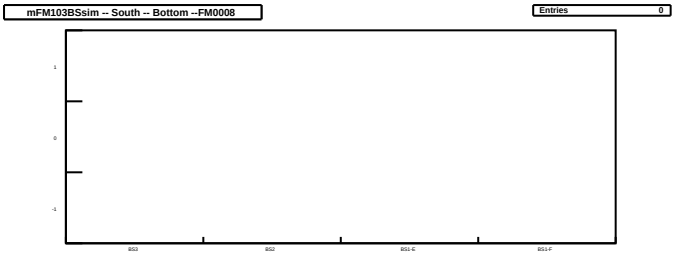
BS2
BS1-E
BS1-F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Entries 0
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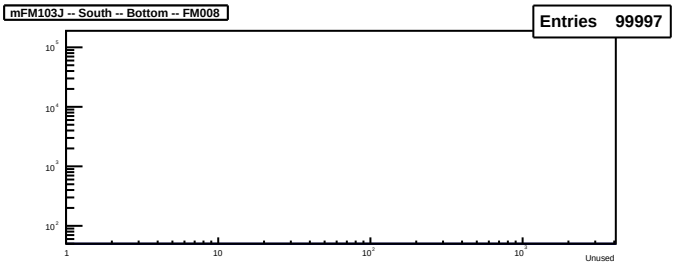
BS2
BS1-E
BS1-F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Entries 99997
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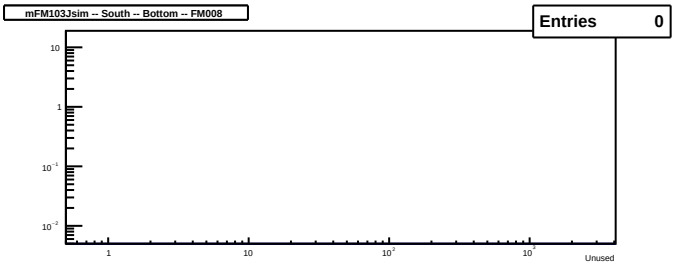
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Entries 0
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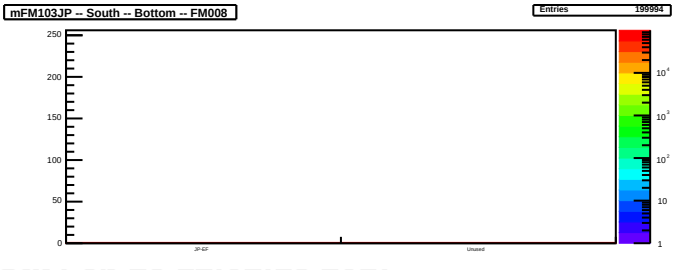
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Entries 199994
JP-EF
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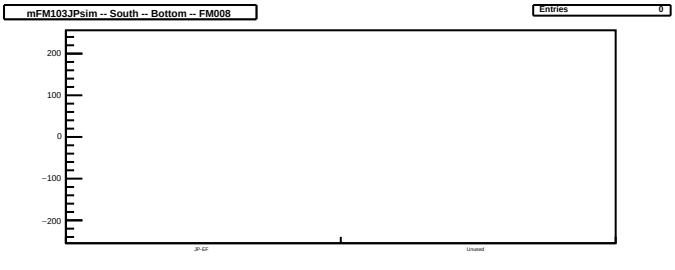
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Entries 0
JP-EF
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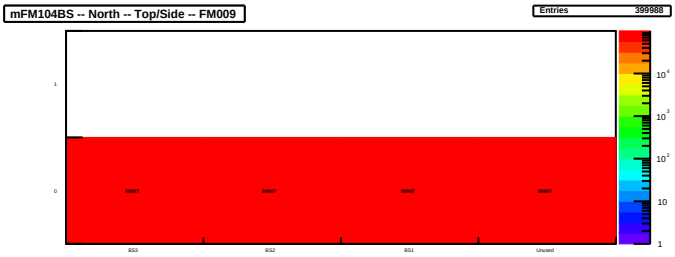
mFM104BS -- North -- Top/Side -- FM009
Entries 399988
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BS1
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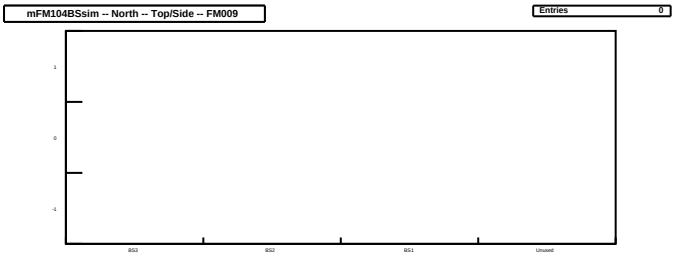
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Entries 0
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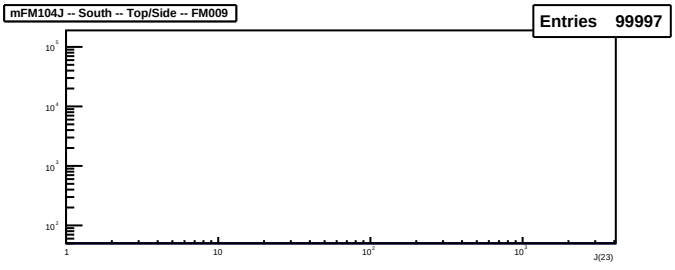
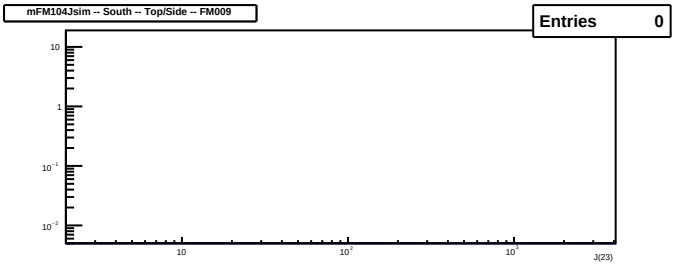

mFM104J -- South -- Top/Side -- FM009
Entries 99997
J(23)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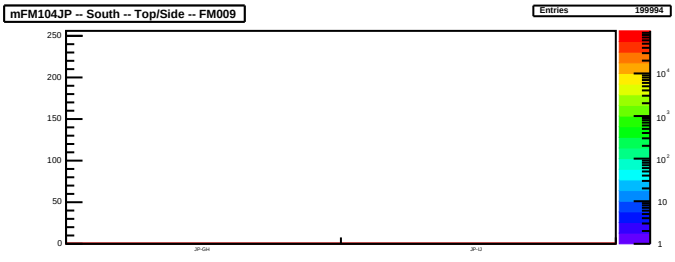
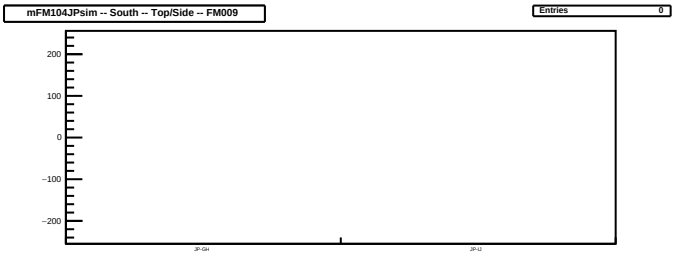
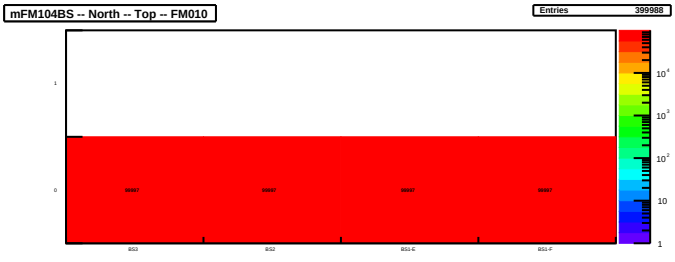
Entries 0
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 199994
JP-GH
JP-IJ


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


mFM104BS -- North -- Top -- FM010
Entries 399988
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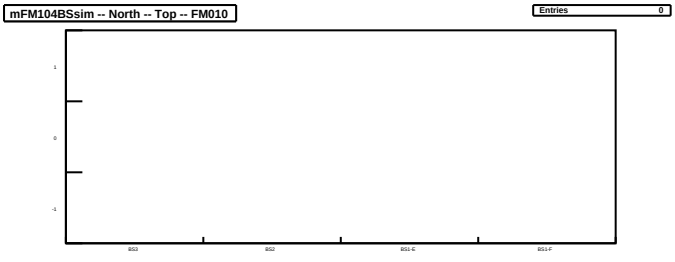
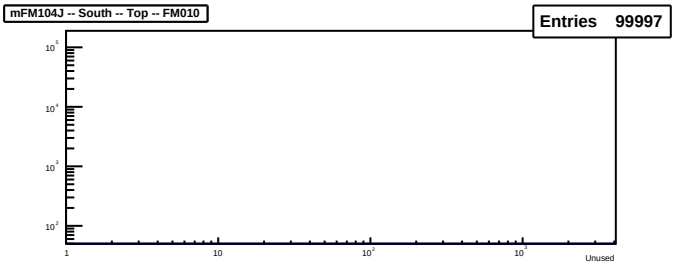
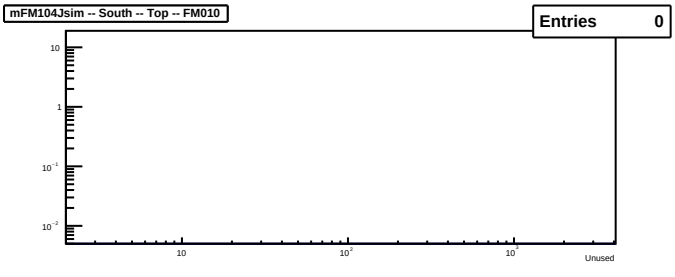
BS3
BS2
BS1-E
BS1-F


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


mFM104J -- South -- Top -- FM010
Entries 99997
Unused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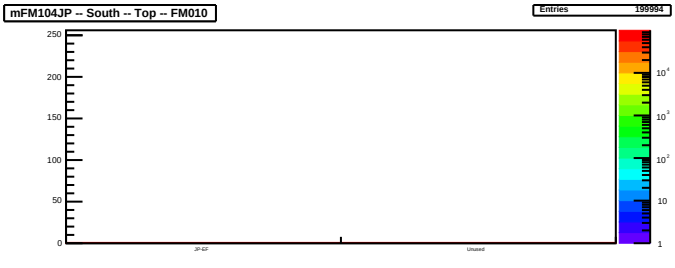
Entries 0
Unused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Entries 199994
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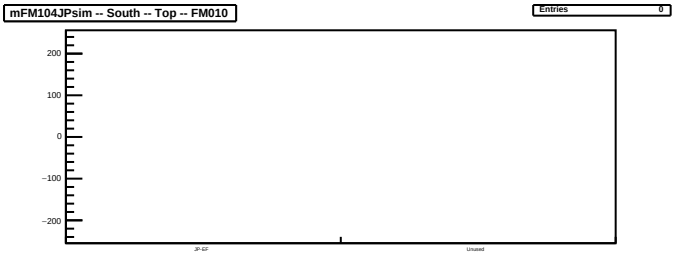
Unused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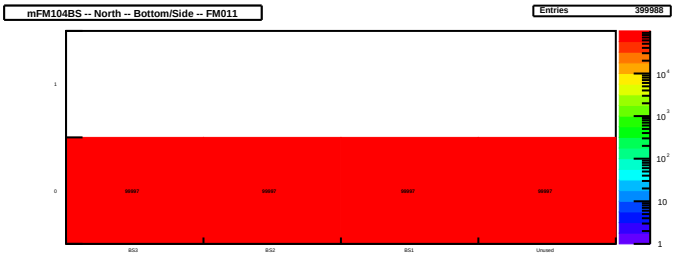
Entries 0
JP-EF
Unused


mFM104BS -- North -- Bottom/Side -- FM011
Entries 399988
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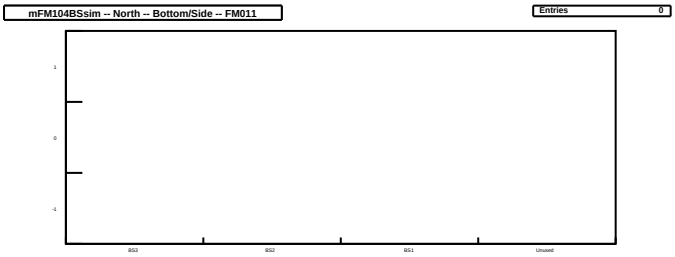
99997
99997
99997
BS3
BS2
BS1
Unused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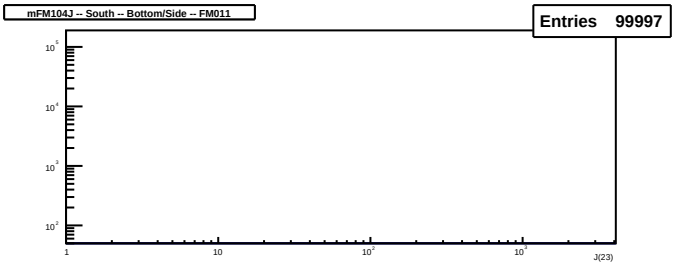
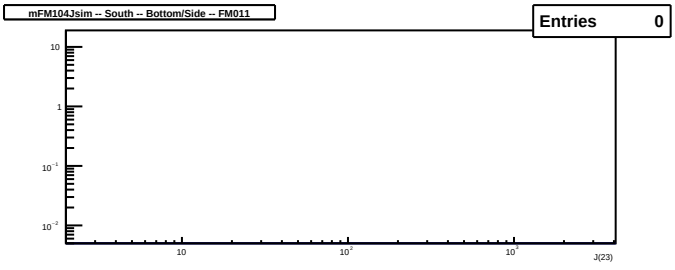
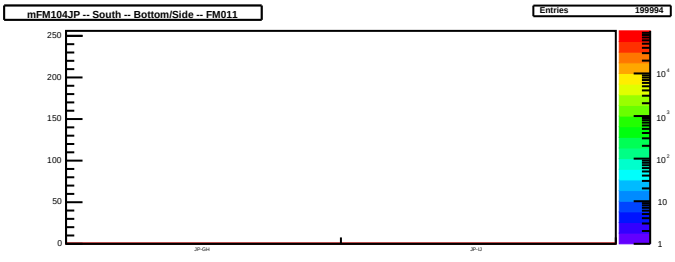
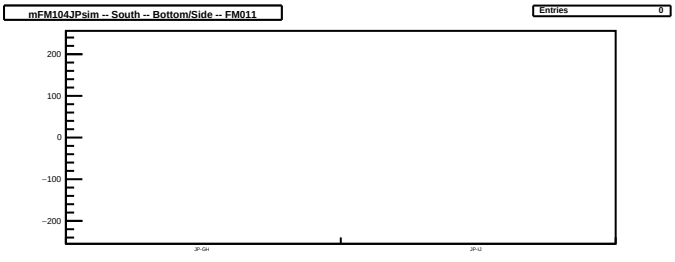
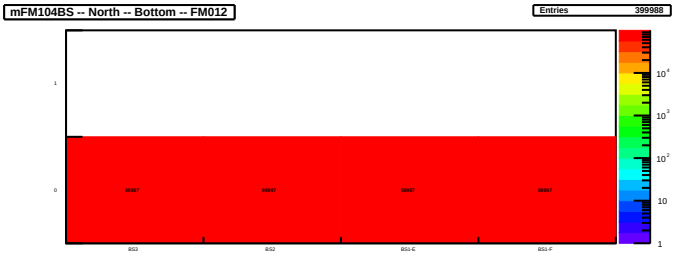
Entries 0
BS3
BS2
BS1
Unused


mFM104J -- South -- Bottom/Side -- FM011
Entries 99997
J(23)


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


mFM104JP -- South -- Bottom/Side -- FM011
Entries 199994
JP-GH
JP-IJ


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


mFM104BS -- North -- Bottom -- FM012
Entries 399988
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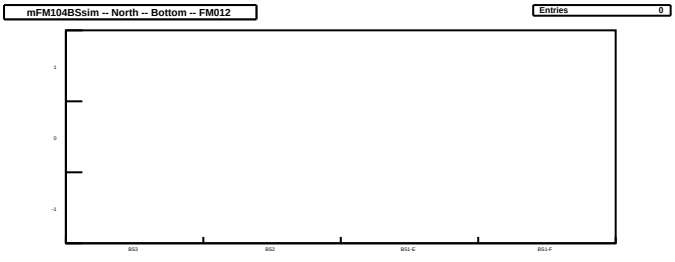
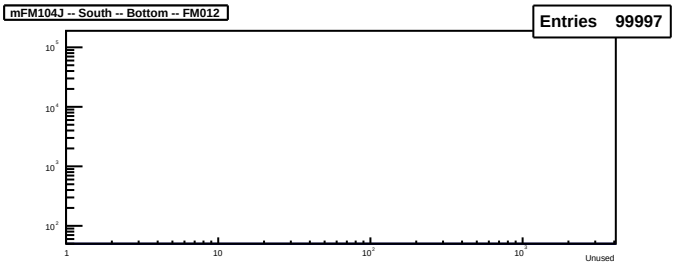
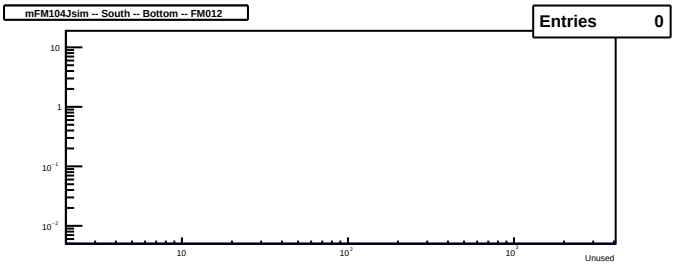
99997
99997
99997
BS3
BS2
BS1-E
BS1-F

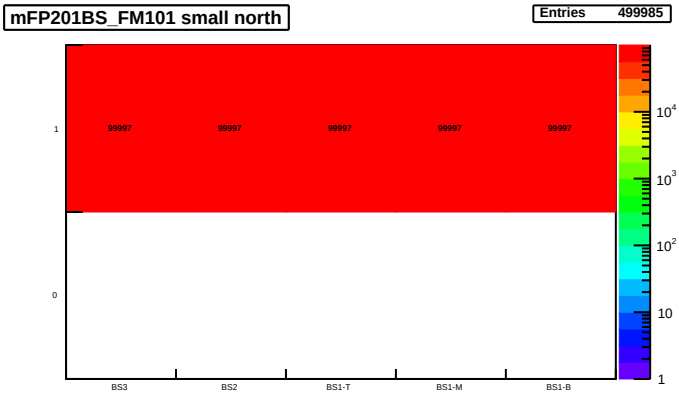

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F


mFM104J -- South -- Bottom -- FM012
Entries 99997
Unused


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

mFM104JP -- South -- Bottom -- FM012
Entries 199994
JP-EF
Unused

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


mFP201BS_FM101 small north
Entries 499985
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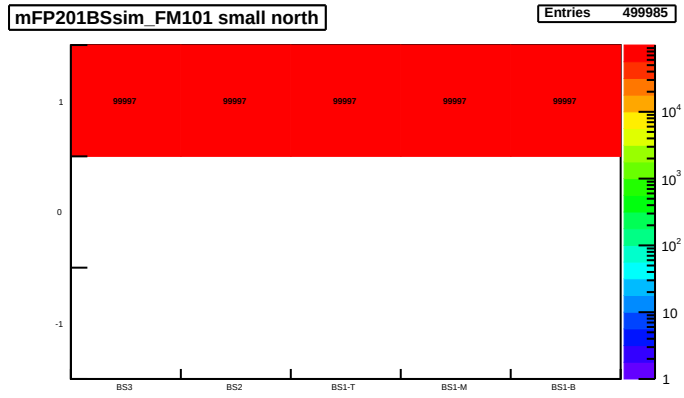
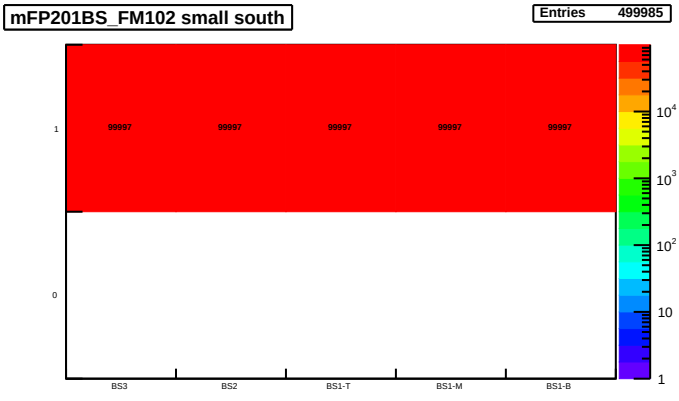
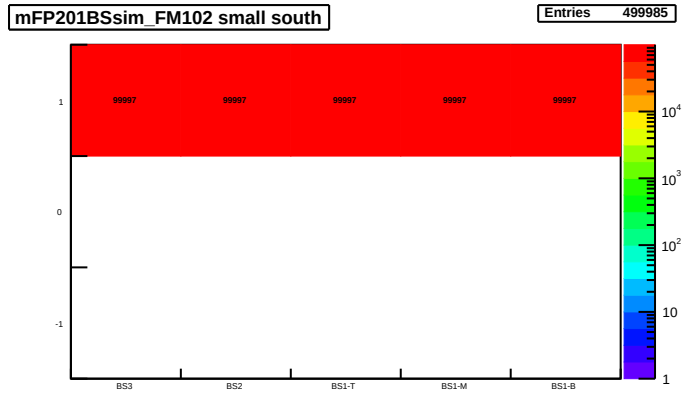
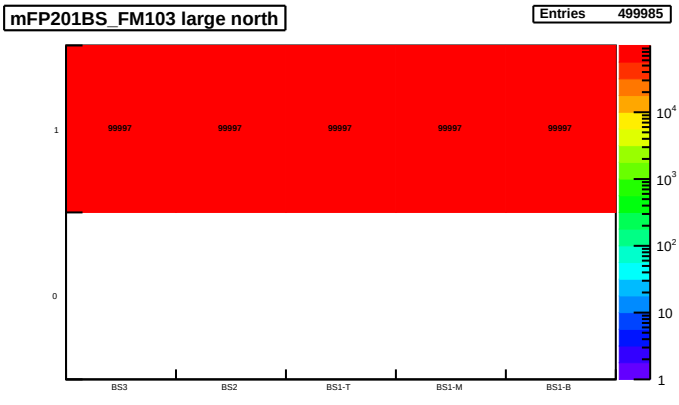
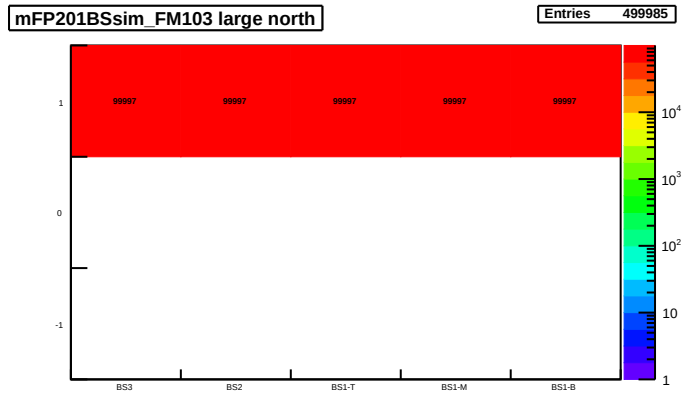
BS3
BS2
BS1-T
BS1-M
BS1-B

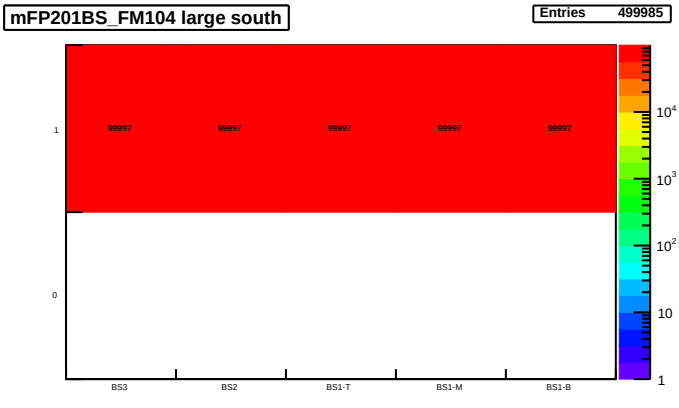

mFP201BSsim_FM101 small north
Entries 499985
99997
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BS_FM102 small south
Entries 499985
99997
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BSsim_FM102 small south
Entries 499985
99997
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BS_FM103 large north
Entries 499985
99997
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BSsim_FM103 large north
Entries 499985
99997
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BS_FM104 large south
Entries 499985
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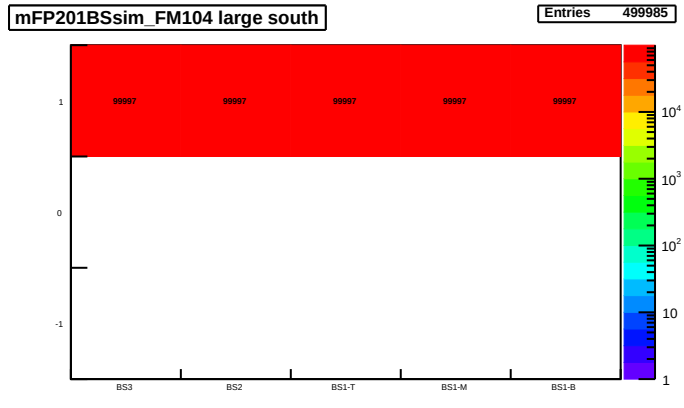
BS3
BS2
BS1-T
BS1-M
BS1-B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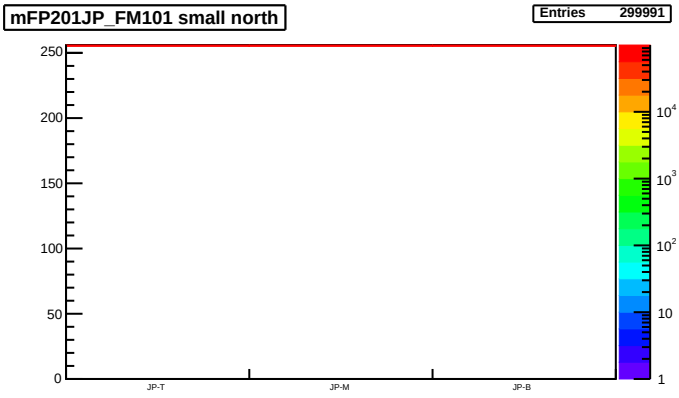
Entries 499985
99997
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201JP_FM101 small north
Entries 299991
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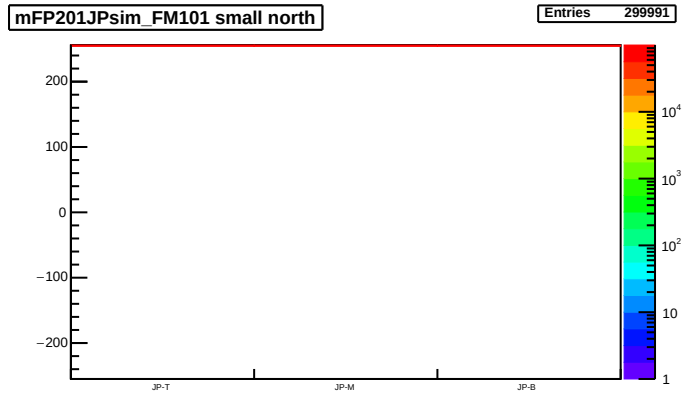
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1


mFP201JPsim_FM101 small north
Entries 299991
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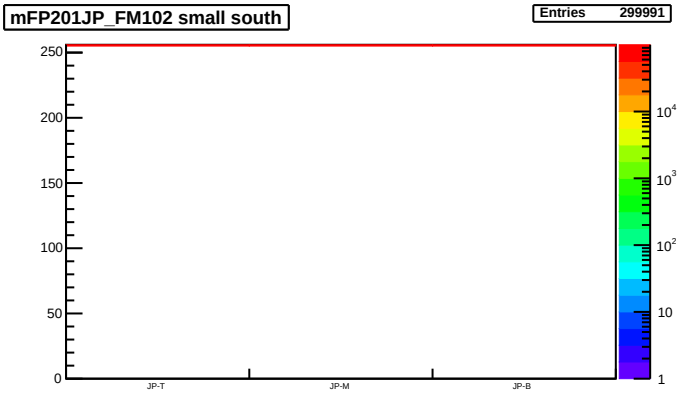
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1


mFP201JP_FM102 small south
Entries 299991
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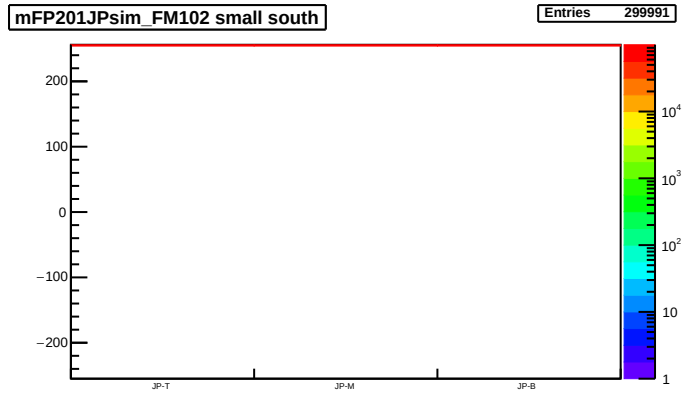
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1


mFP201JPsim_FM102 small south
Entries 299991
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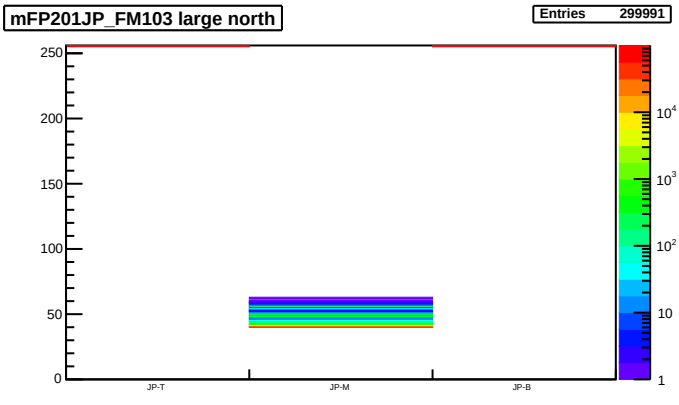
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1


mFP201JP_FM103 large north
Entries 299991
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200
150
100
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JP-T
JP-M
JP-B
10^4
10^3
10^2
10
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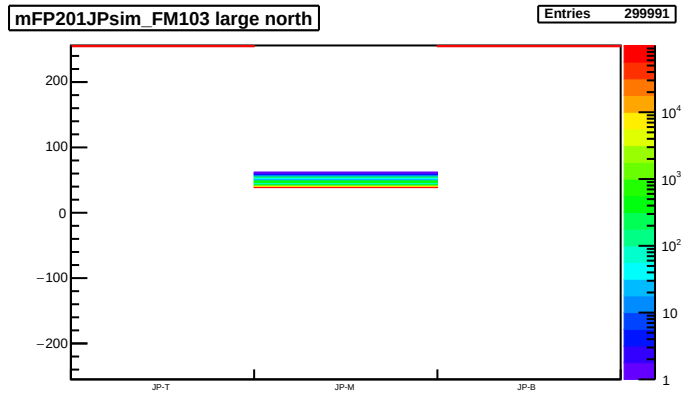
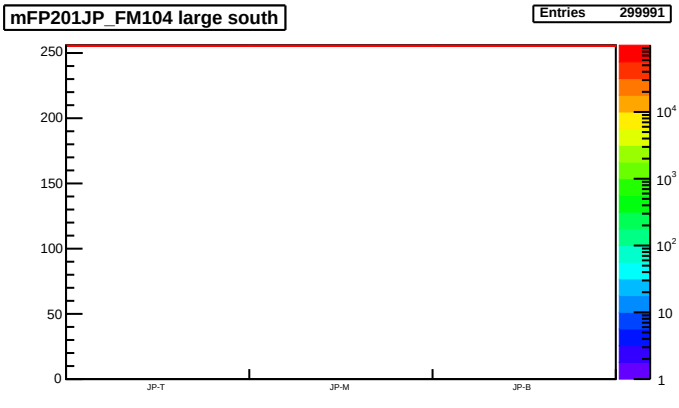

mFP201JPsim_FM103 large north
Entries 299991
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1


mFP201JP_FM104 large south
Entries 299991
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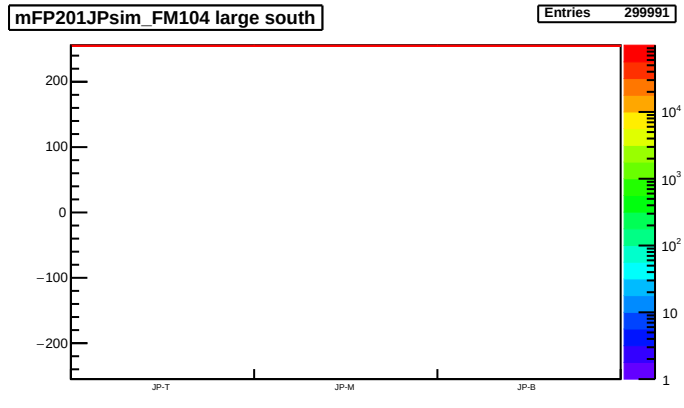
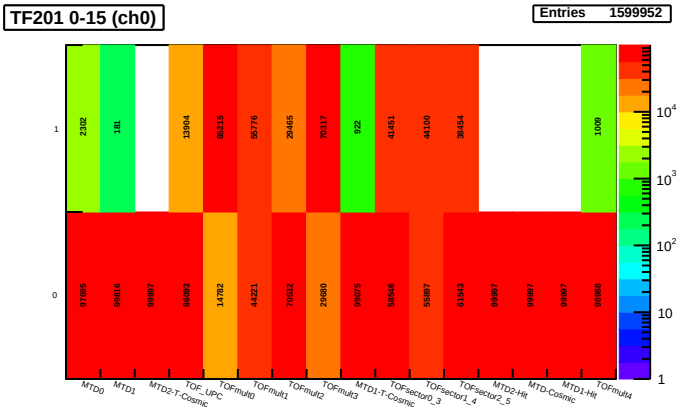
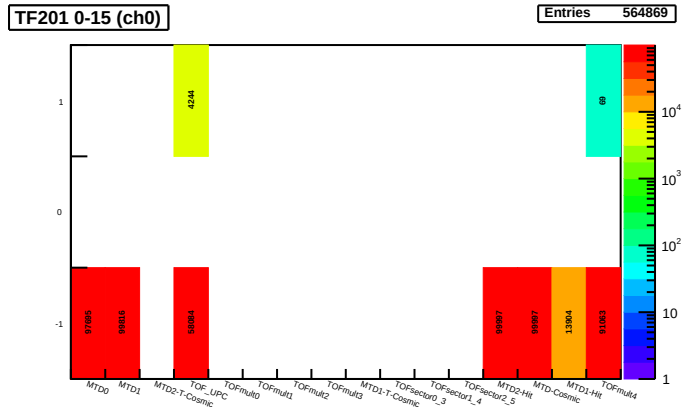
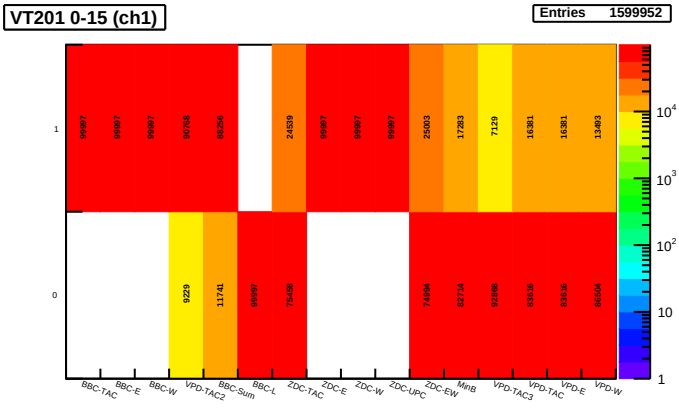
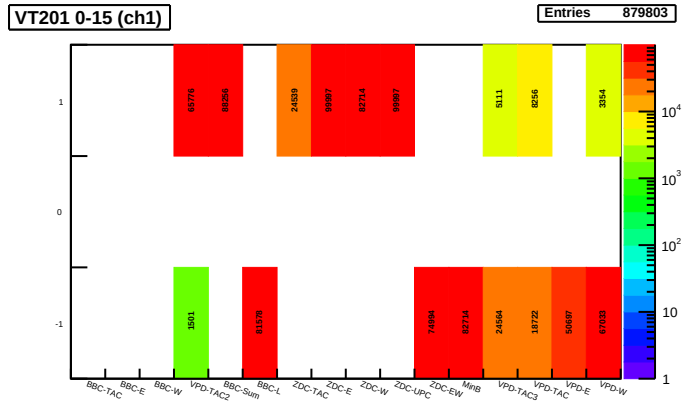
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

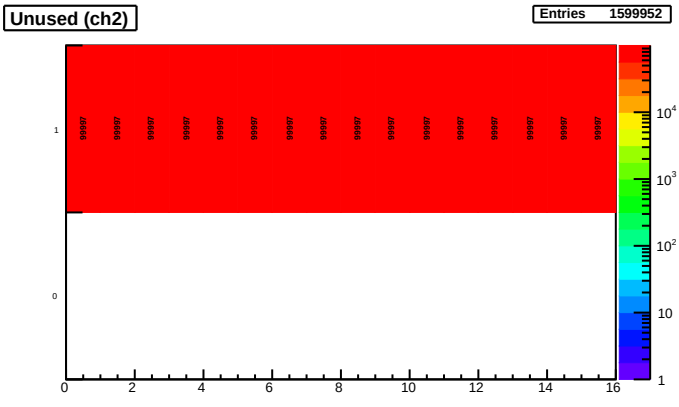

mFP201JPsim_FM104 large south
Entries 299991
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

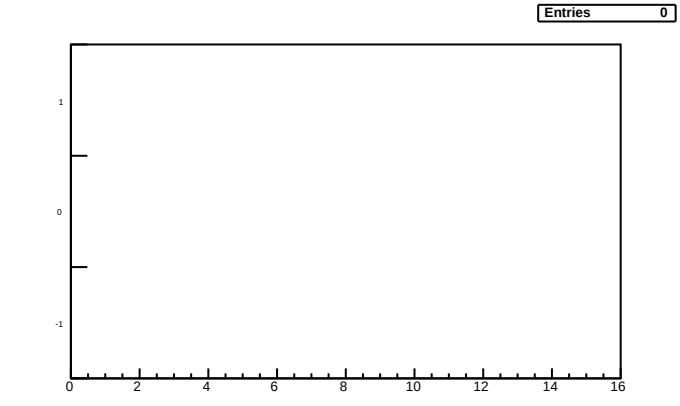

TF201 0-15 (ch0)
Entries 1599952
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

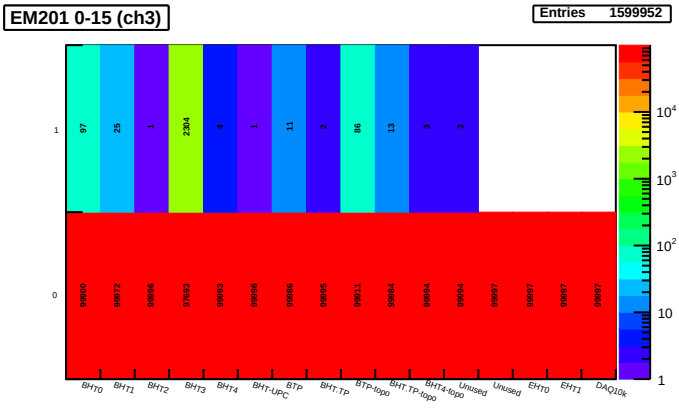

TF201 0-15 (ch0)
Entries 564869
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

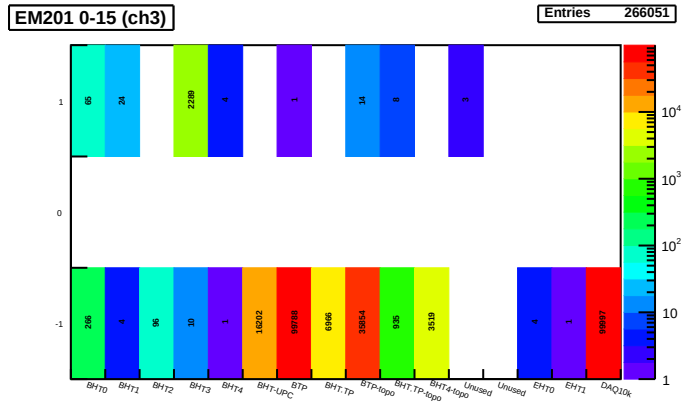

VT201 0-15 (ch1)
Entries 1599952
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W


VT201 0-15 (ch1)
Entries 879803
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

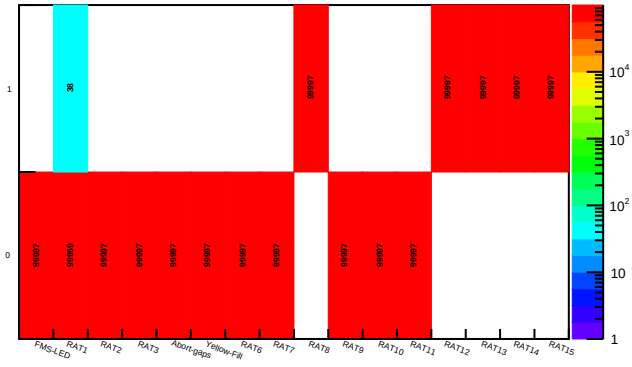

Unused (ch2)
Entries 1599952

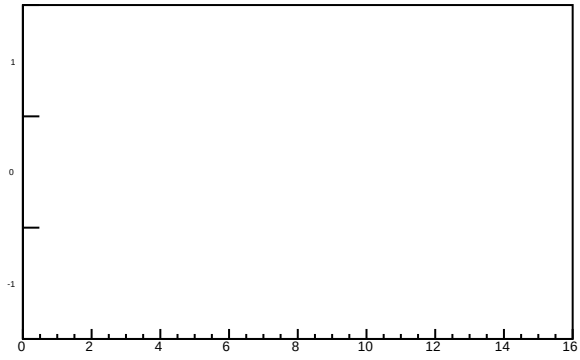

Entries 0


EM201 0-15 (ch3)
Entries 1599952
BH10 BH11 BH12 BH13 BH14 BH1-UPC BTP BH1-TP BTP-topo BH1-TP-topo BH14-topo Unused Unused EH10 EH11 DAQ10k

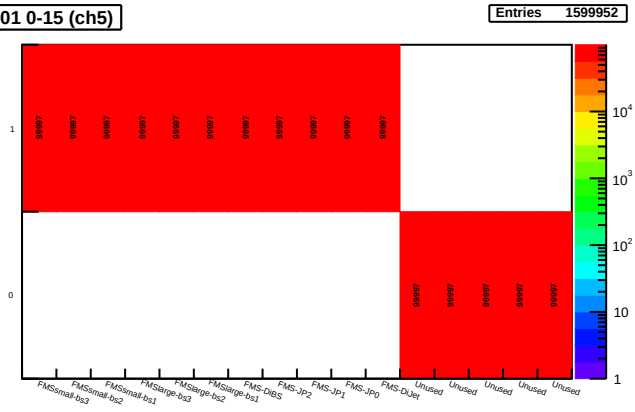

EM201 0-15 (ch3)
Entries 266051
BH10 BH11 BH12 BH13 BH14 BH1-UPC BTP BH1-TP BTP-topo BH1-TP-topo BH14-topo Unused Unused EH10 EH11 DAQ10k

RAT board (ch4)

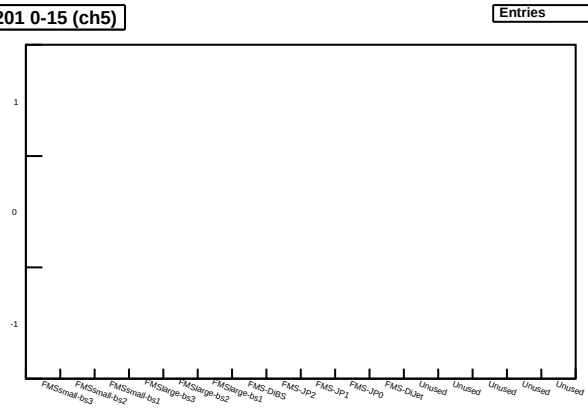




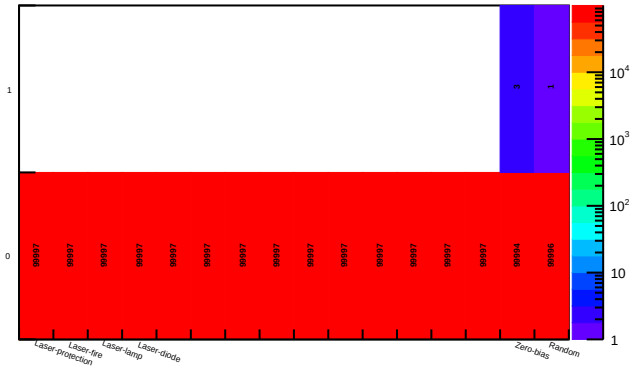
FP201 0-15 (ch5)

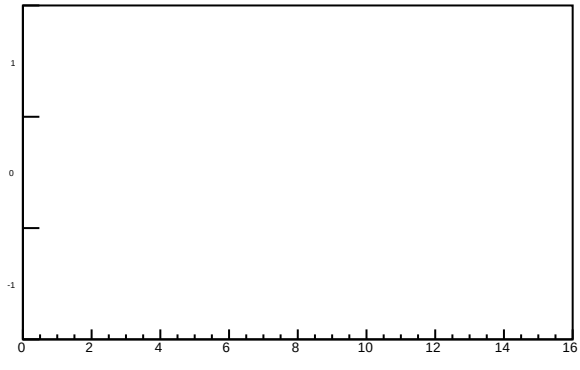
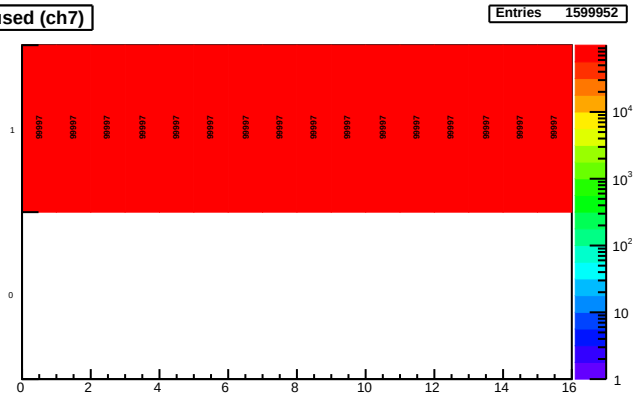
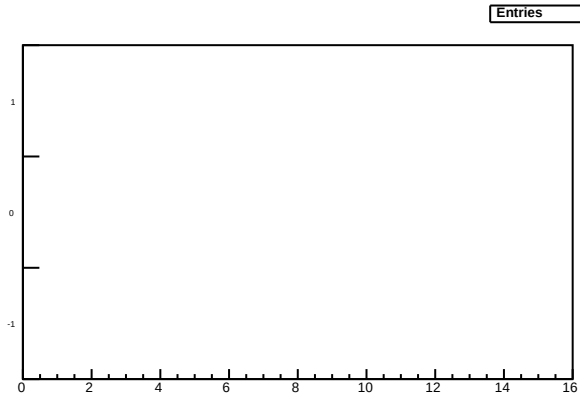


FP201 0-15 (ch5)



ST201 0-15 (ch6)





Unused (ch7)