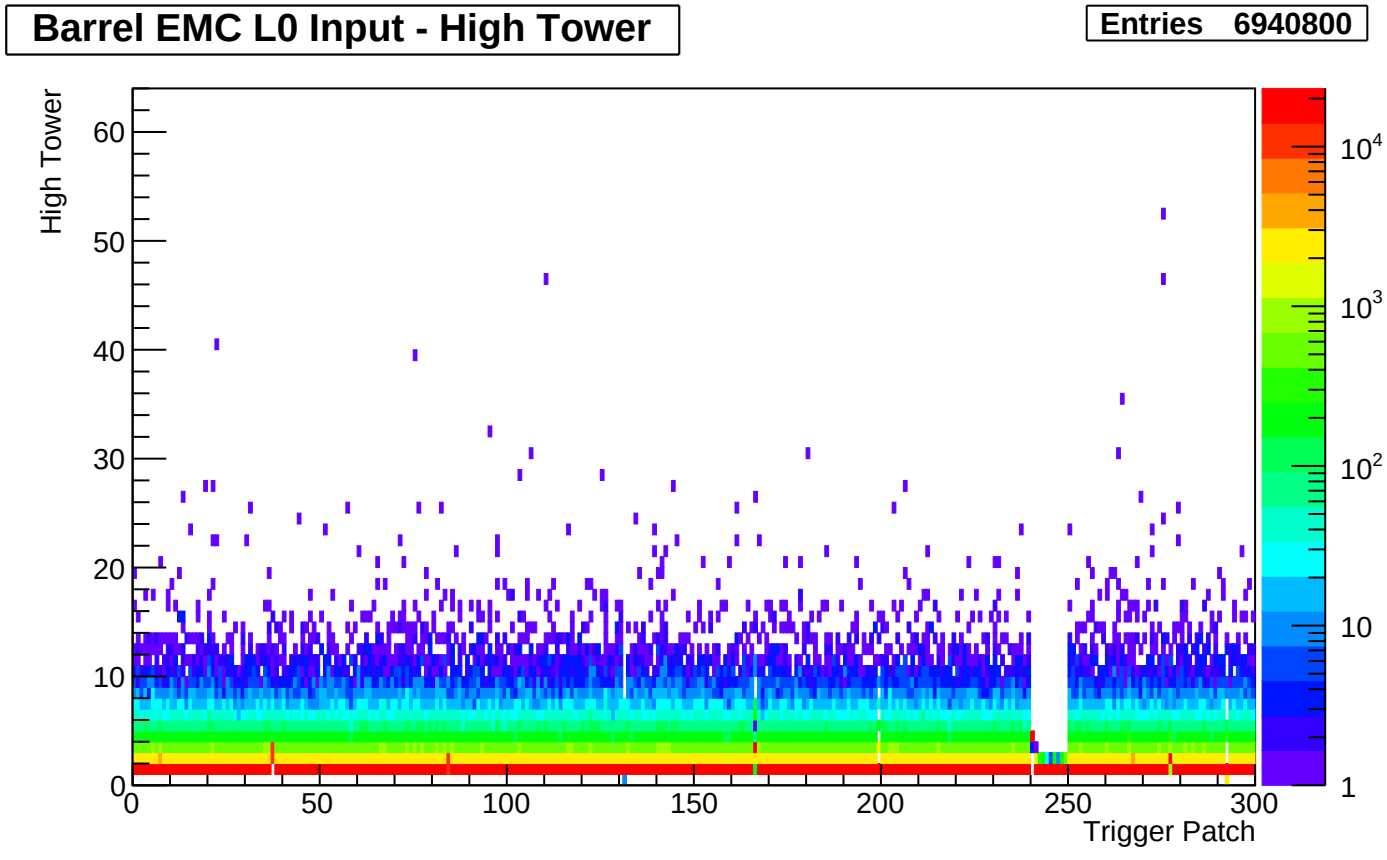
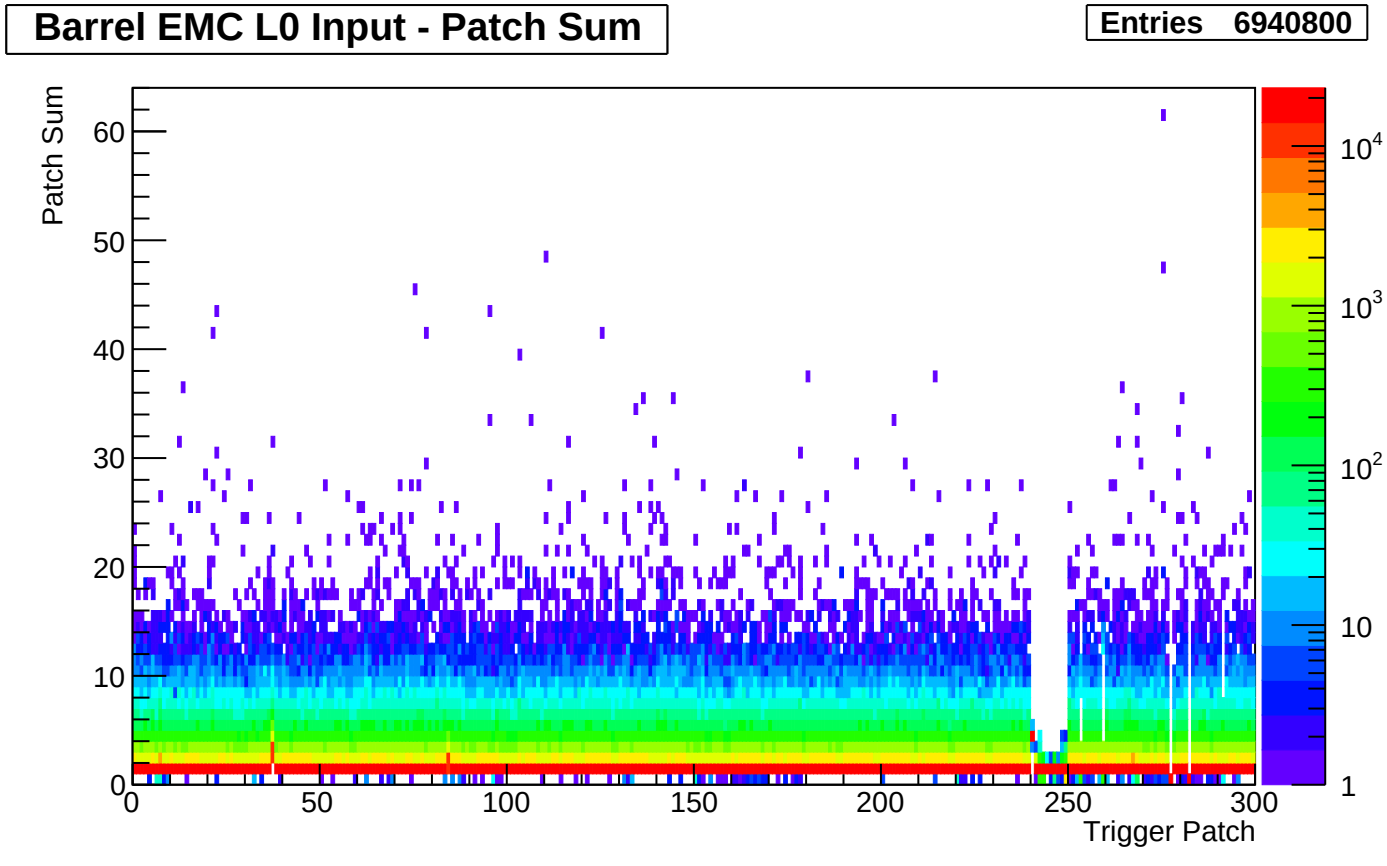
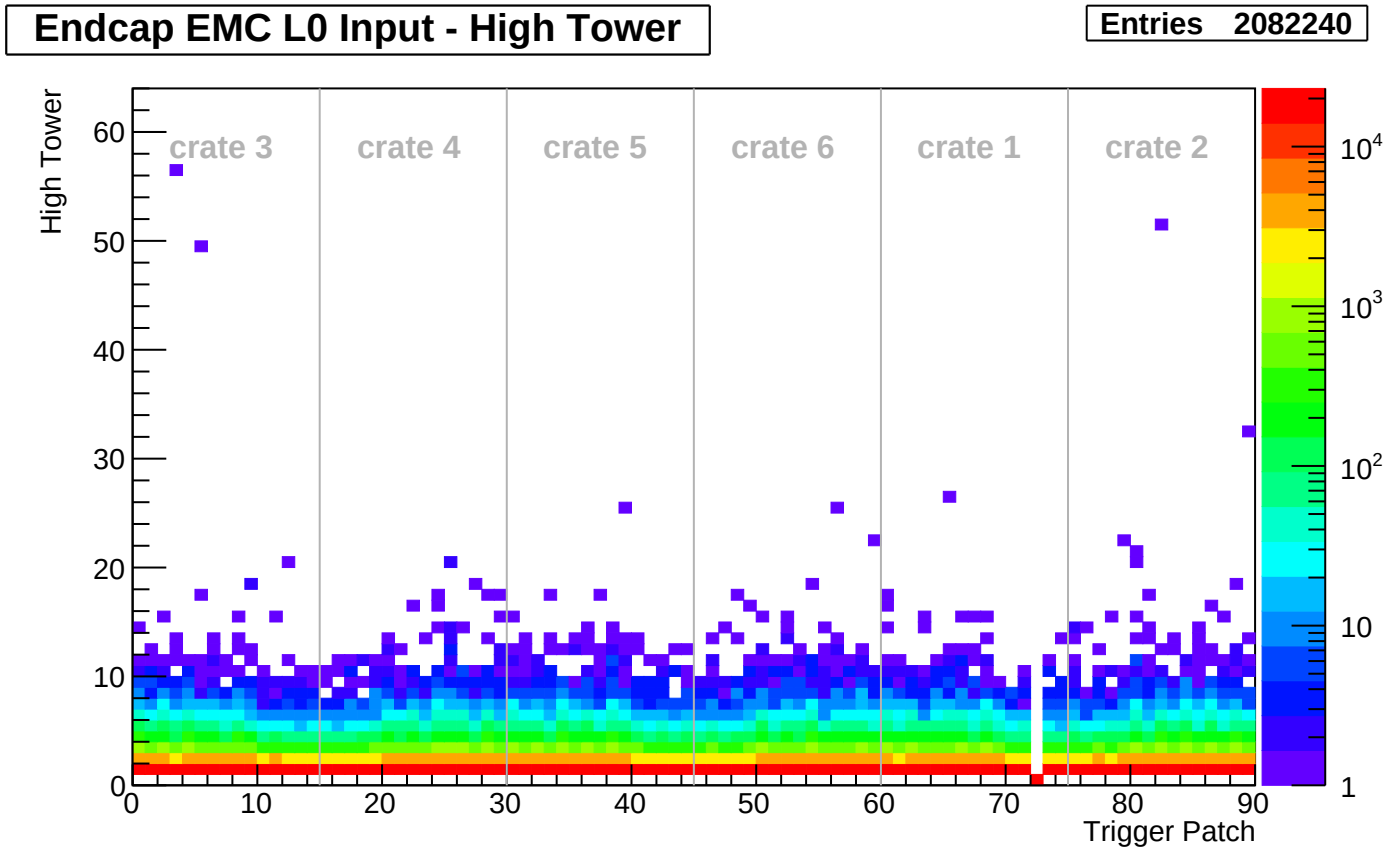
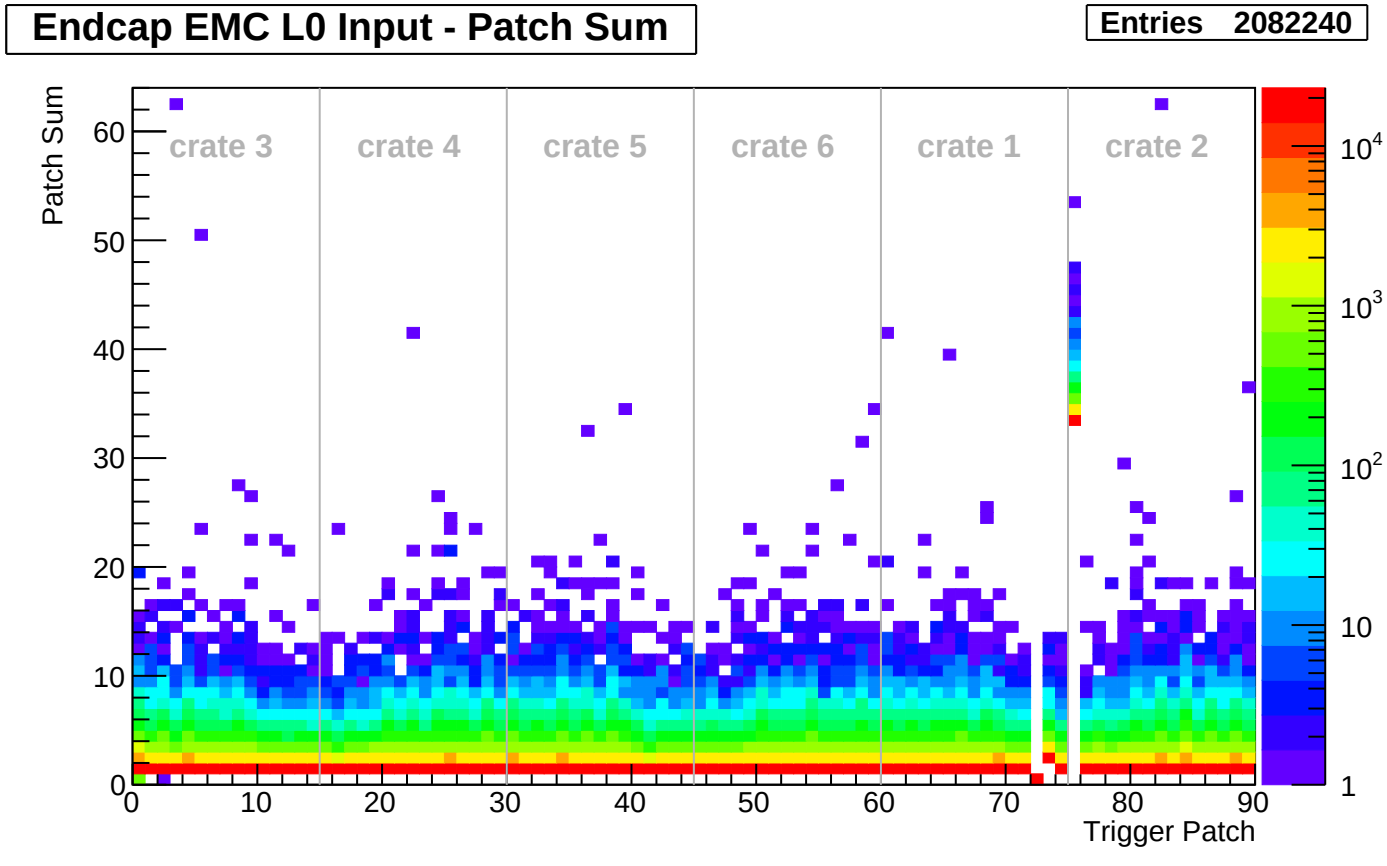
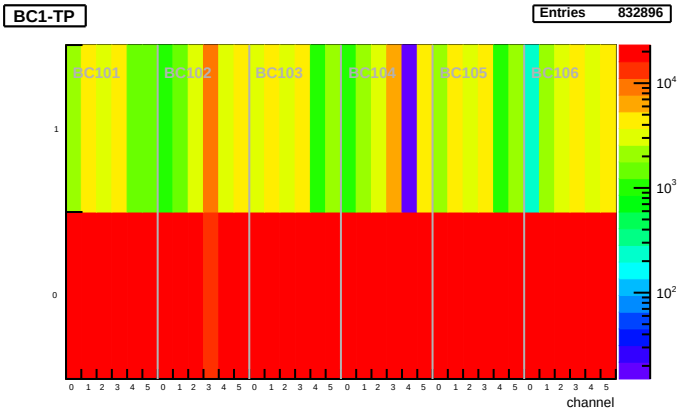
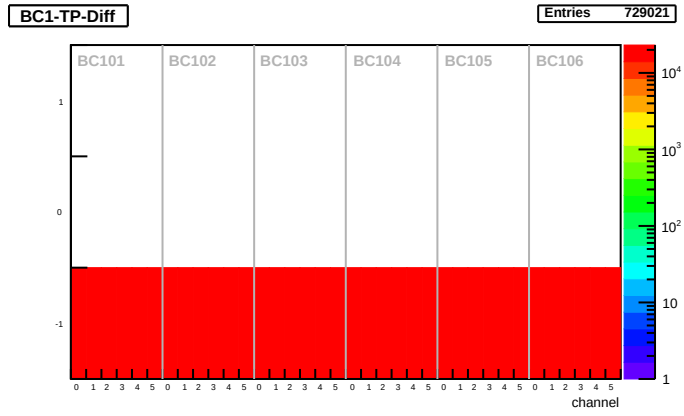

Barrel EMC L0 Input - High Tower
Entries 6940800
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

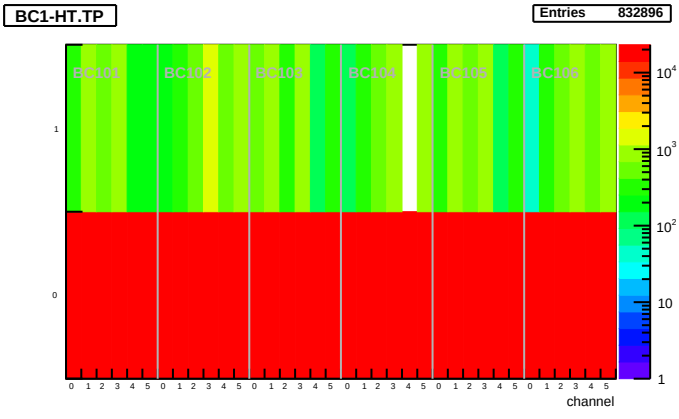

Barrel EMC L0 Input - Patch Sum
Entries 6940800
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

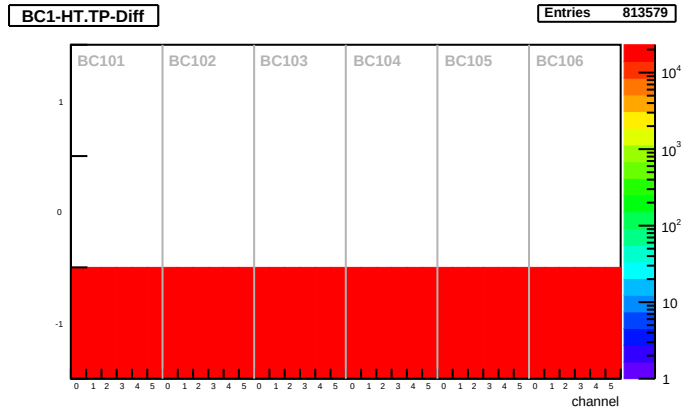

Endcap EMC L0 Input - High Tower
Entries 2082240
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

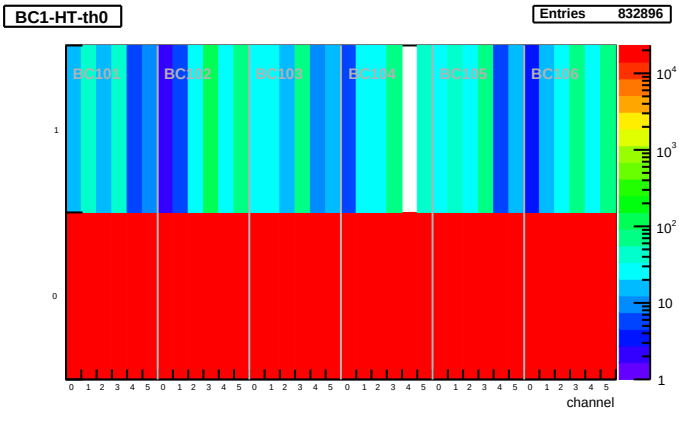

Endcap EMC L0 Input - Patch Sum
Entries 2082240
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

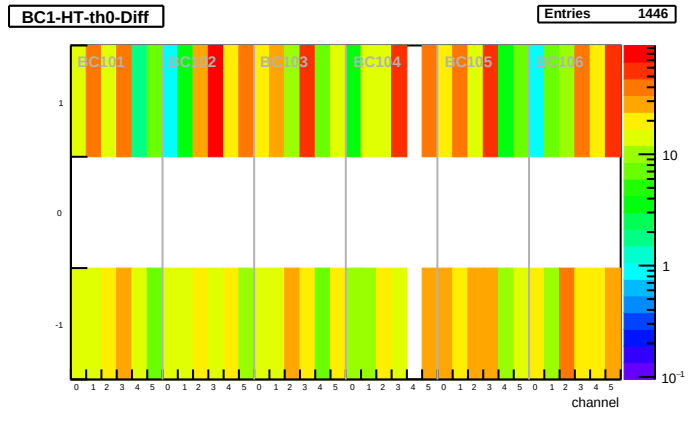

BC1-TP
Entries 832896
BC101
BC102
BC103
BC104
BC105
BC106
channel

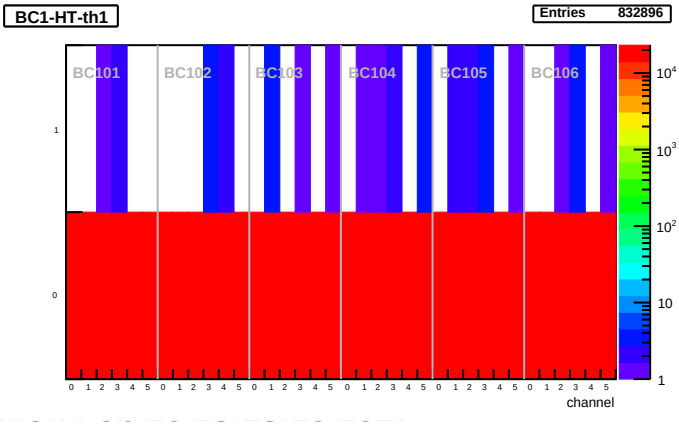

BC1-TP-Diff
Entries 729021
BC101
BC102
BC103
BC104
BC105
BC106
channel

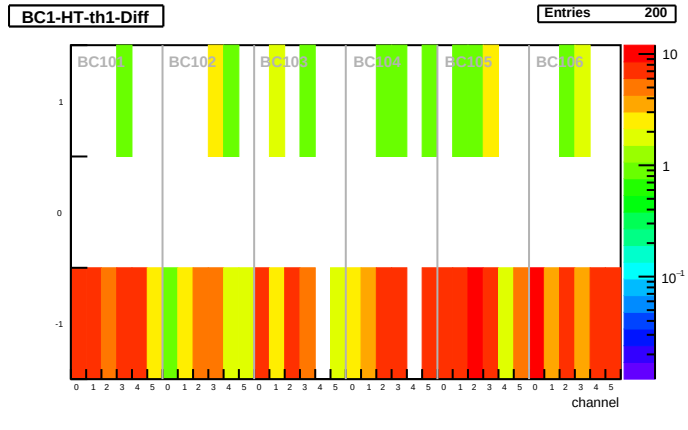

BC1-HT.TP
Entries 832896
BC101
BC102
BC103
BC104
BC105
BC106
channel

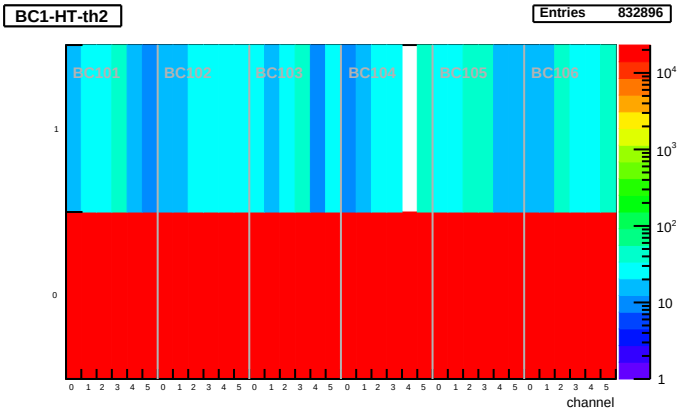

BC1-HT.TP-Diff
Entries 813579
BC101
BC102
BC103
BC104
BC105
BC106
channel

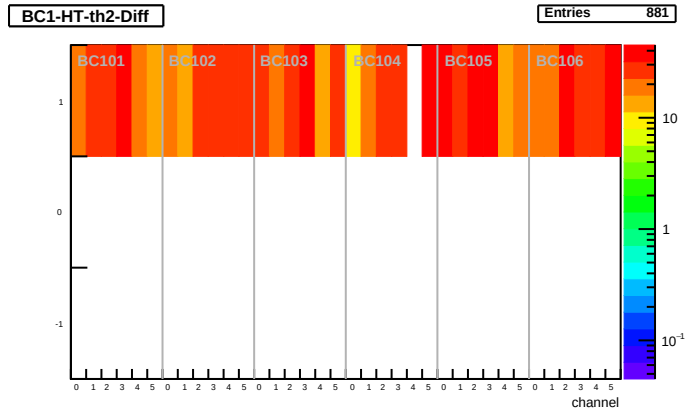

BC1-HT-th0
Entries 832896
BC101
BC102
BC103
BC104
BC105
BC106
channel

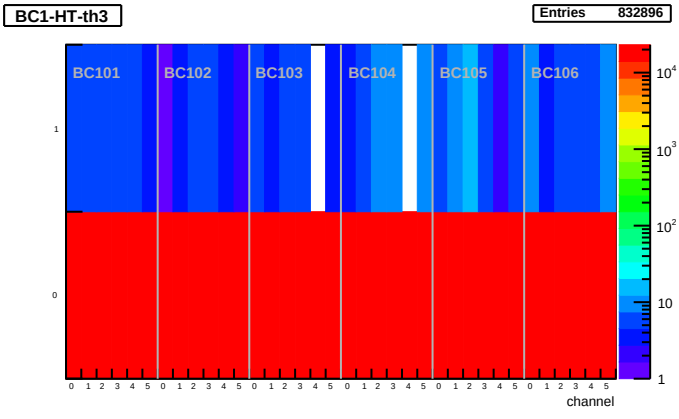

BC1-HT-th0-Diff
Entries 1446
BC101
BC102
BC103
BC104
BC105
BC106
channel

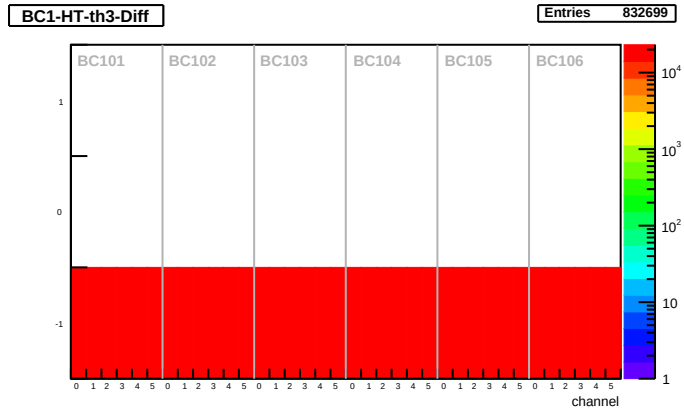

BC1-HT-th1
Entries 832896
BC101
BC102
BC103
BC104
BC105
BC106
channel

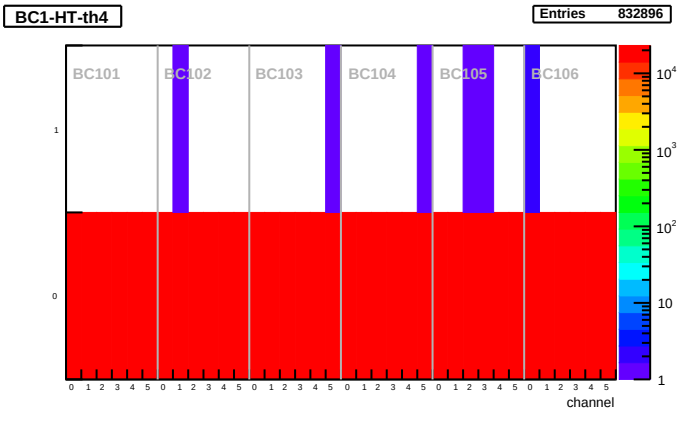

BC1-HT-th1-Diff
Entries 200
BC101
BC102
BC103
BC104
BC105
BC106
channel

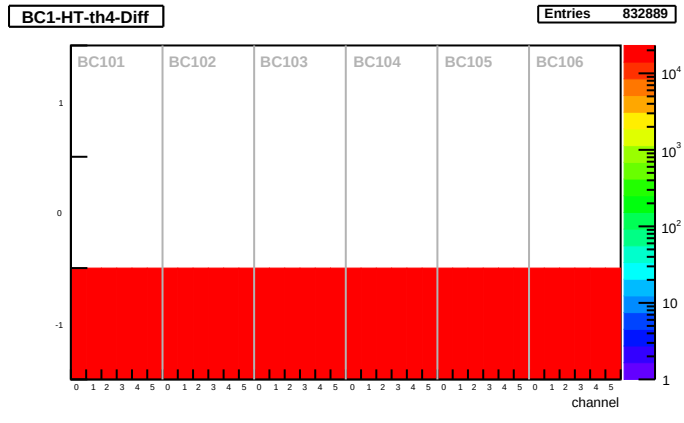

BC1-HT-th2
Entries 832896
BC101
BC102
BC103
BC104
BC105
BC106
channel

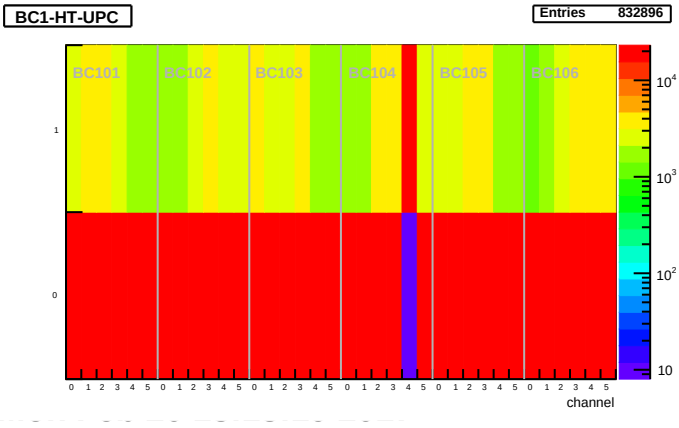

BC1-HT-th2-Diff
Entries 881
BC101
BC102
BC103
BC104
BC105
BC106
channel

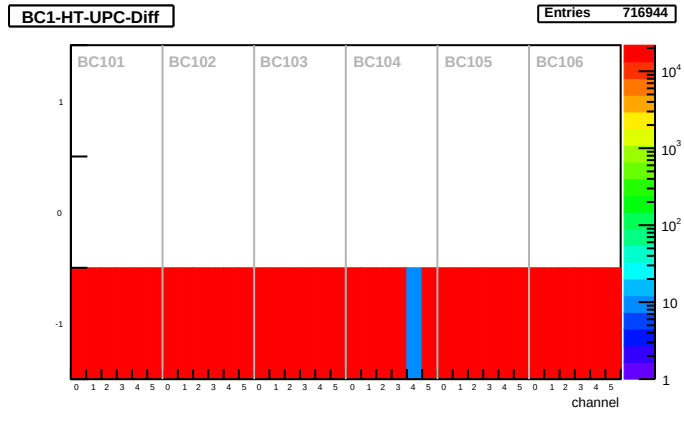

BC1-HT-th3
Entries 832896
BC101
BC102
BC103
BC104
BC105
BC106
channel

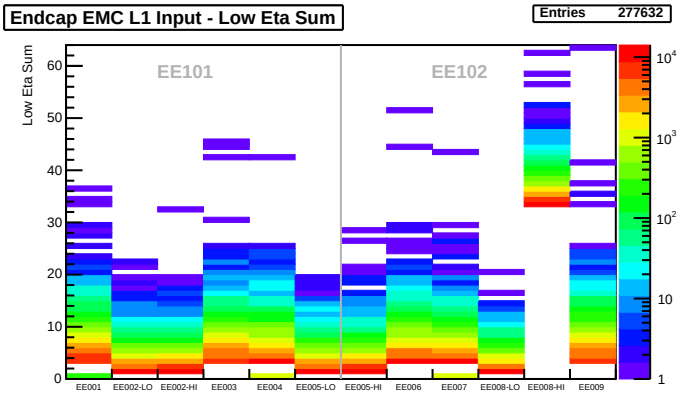

BC1-HT-th3-Diff
Entries 832699
BC101
BC102
BC103
BC104
BC105
BC106
channel

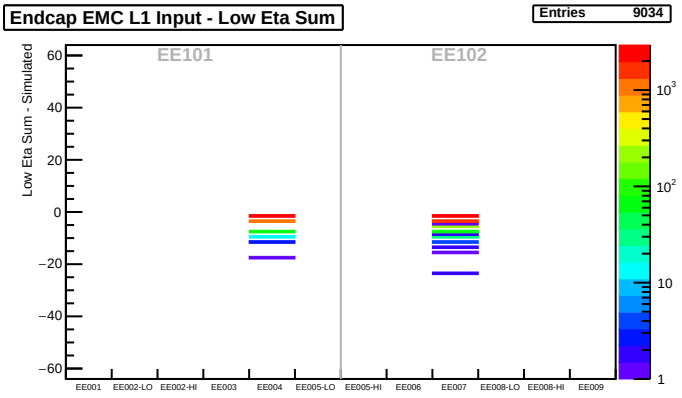

BC1-HT-th4
Entries 832896
BC101
BC102
BC103
BC104
BC105
BC106
channel

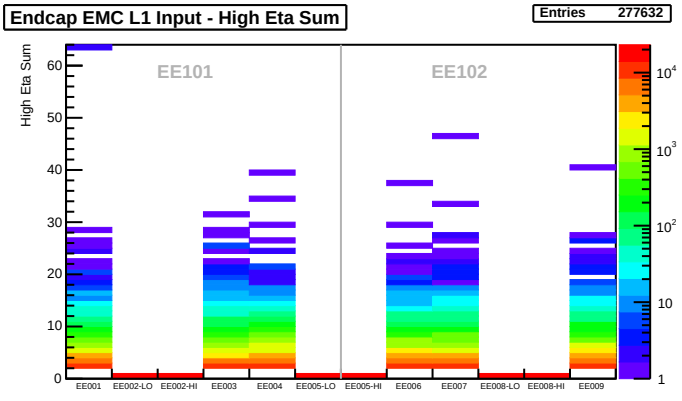

BC1-HT-th4-Diff
Entries 832889
BC101
BC102
BC103
BC104
BC105
BC106
channel

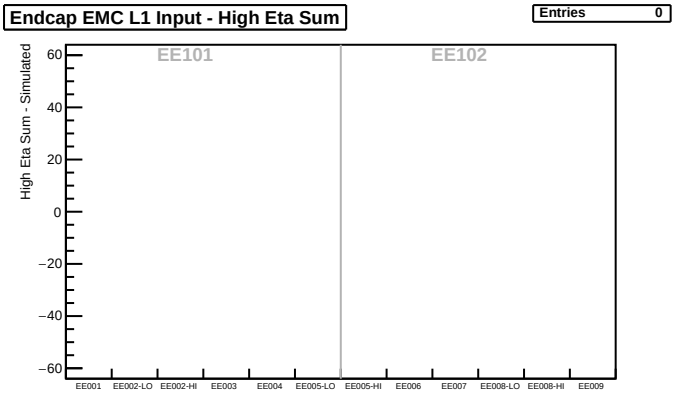

BC1-HT-UPC
Entries 832896
BC101
BC102
BC103
BC104
BC105
BC106
channel

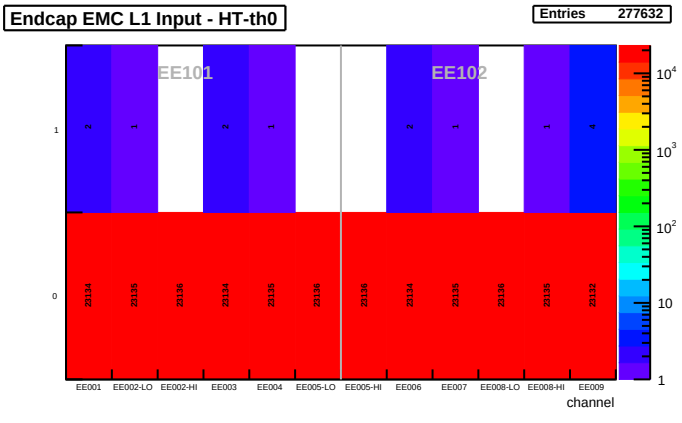

BC1-HT-UPC-Diff
Entries 716944
BC101
BC102
BC103
BC104
BC105
BC106
channel

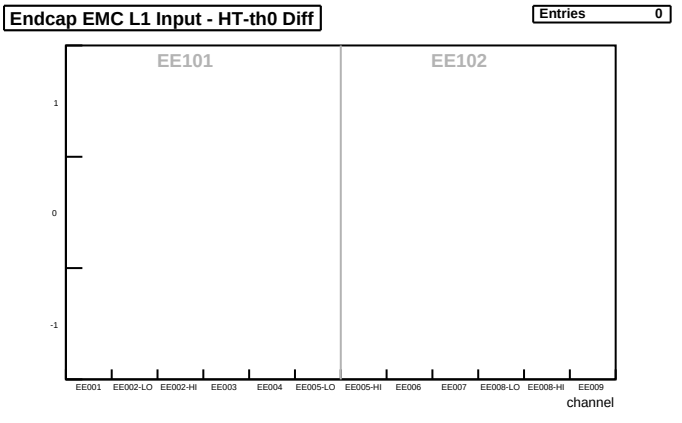

Endcap EMC L1 Input - Low Eta Sum
Entries 277632
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

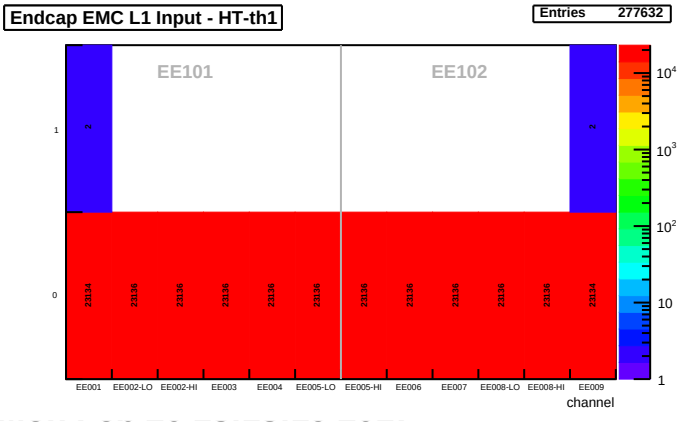

Endcap EMC L1 Input - Low Eta Sum
Entries 9034
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

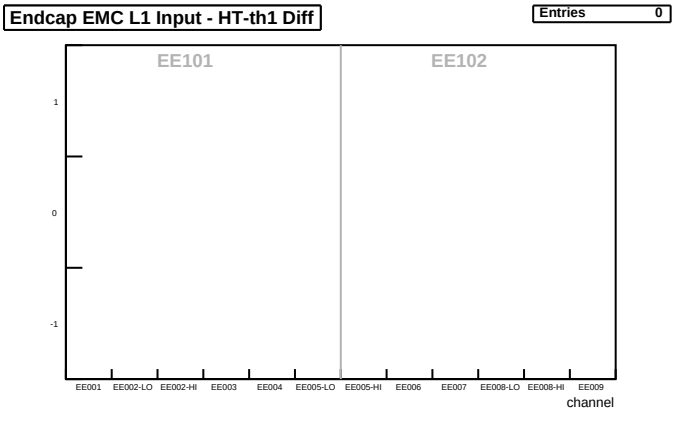

Endcap EMC L1 Input - High Eta Sum
Entries 277632
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

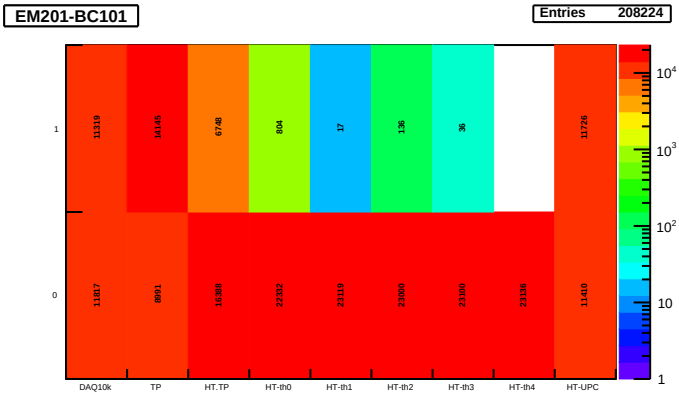

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

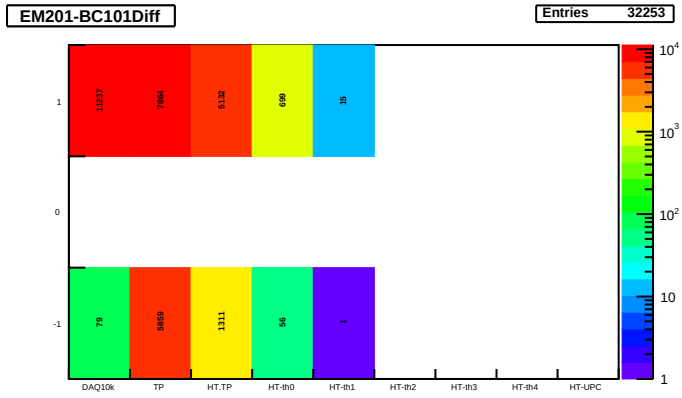

Endcap EMC L1 Input - HT-th0
Entries 277632
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

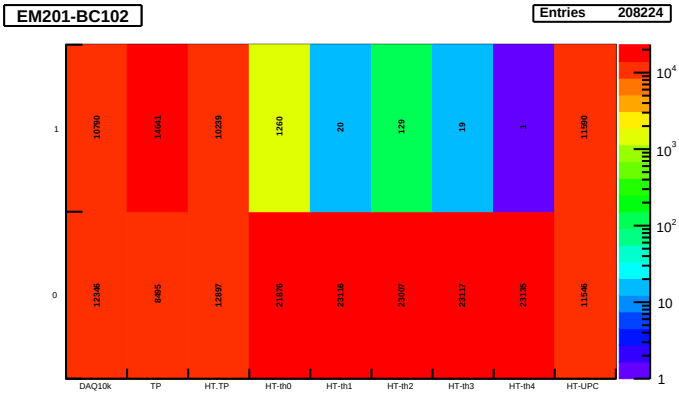

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

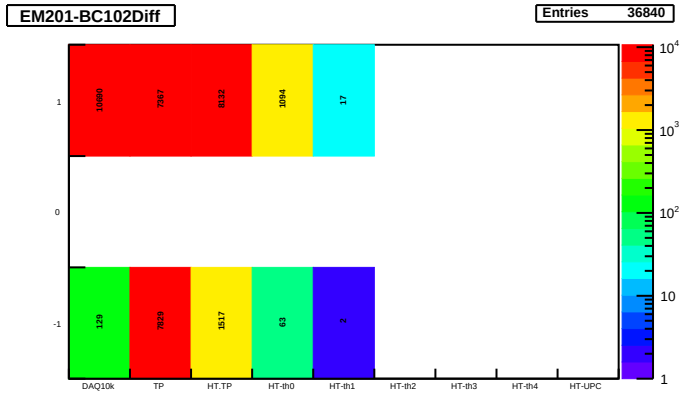

Endcap EMC L1 Input - HT-th1
Entries 277632
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

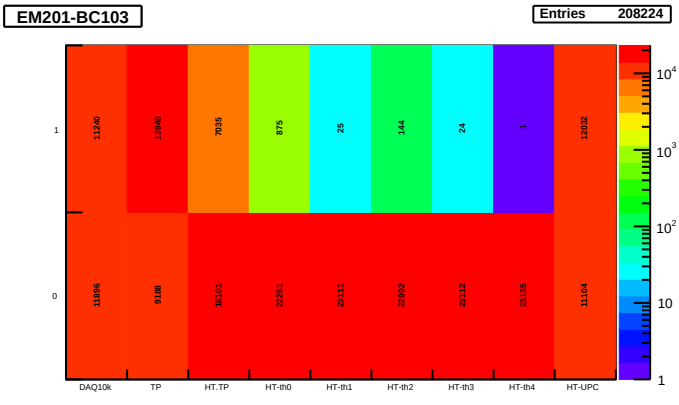

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

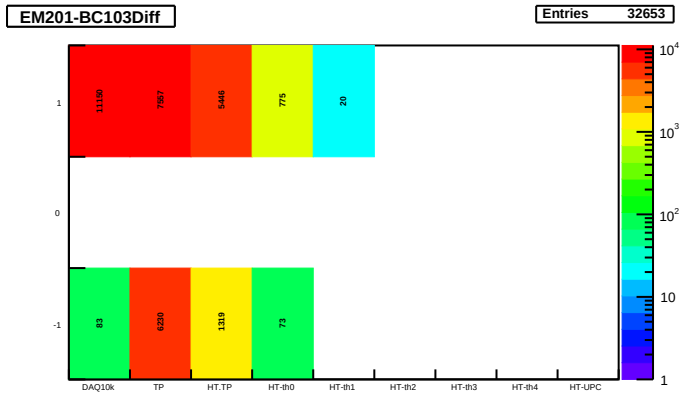

EM201-BC101
Entries 208224
1
0
11319
14145
6748
804
17
136
36
11726
11817
8891
16388
22332
23119
23800
23100
23136
11410
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

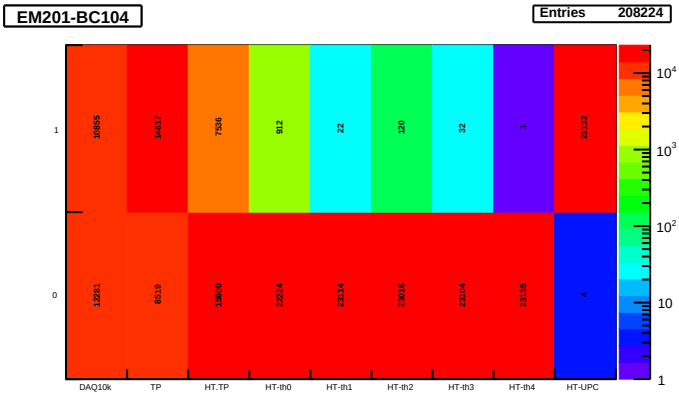

EM201-BC101Diff
Entries 32253
1
0
-1
11237
7864
5132
699
15
79
5859
1311
56
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

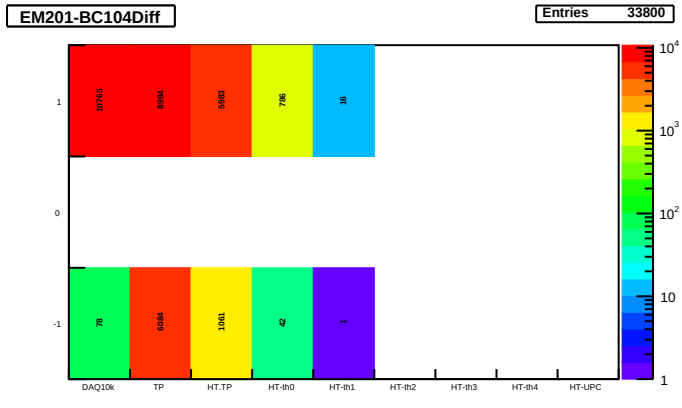

EM201-BC102
Entries 208224
1
0
10790
14641
10239
1260
20
129
19
1
11390
12346
8495
12897
21976
23116
23007
23117
23135
11546
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC102Diff
Entries 36840
1
0
-1
10690
7367
8132
1094
17
129
7829
1517
63
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

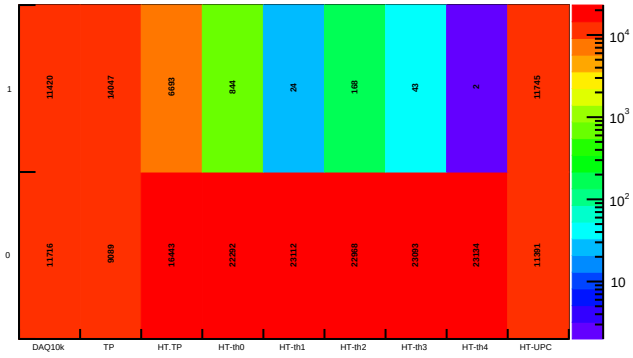

EM201-BC103
Entries 208224
1
0
11240
13348
7035
875
25
144
24
1
12032
11936
9188
16101
22261
23111
23092
23112
23135
11104
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC103Diff
Entries 32653
1
0
-1
11150
7557
5446
775
20
83
6250
1319
73
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

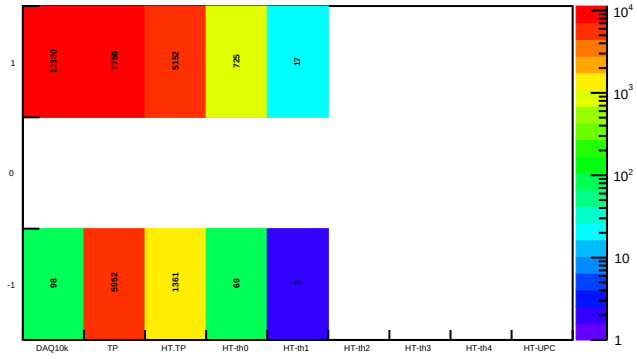

EM201-BC104
Entries 208224
1
0
10855
14617
7936
912
22
120
32
1
22132
12261
8519
15600
22224
23114
23016
23104
23135
4
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC104Diff
Entries 33800
1
0
-1
10765
8994
5983
786
16
78
6084
1061
42
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

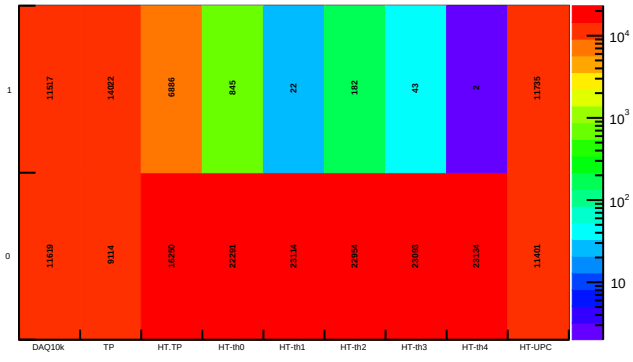
EM201-BC105 Entries 208224



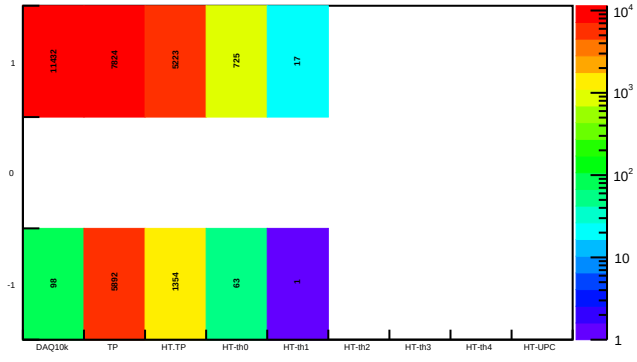
EM201-BC105Diff Entries 32462



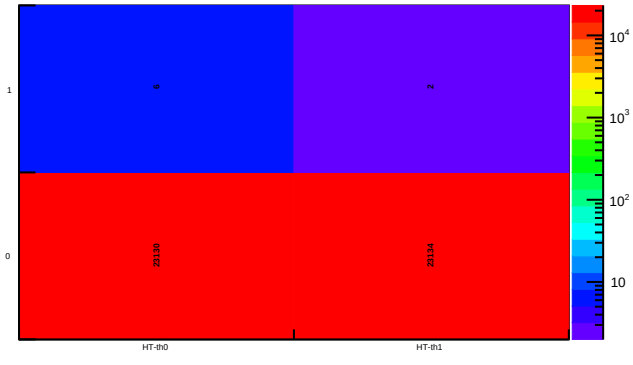
EM201-BC106 Entries 208224



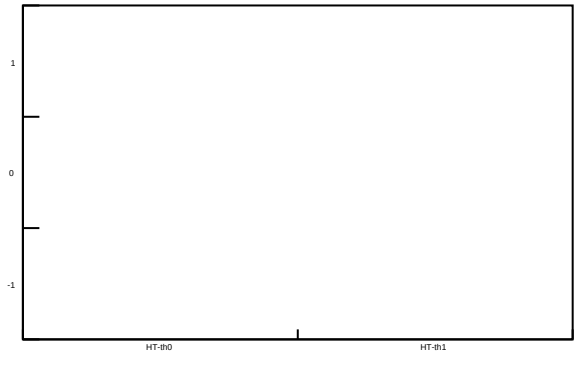
EM201-BC106Diff Entries 32629



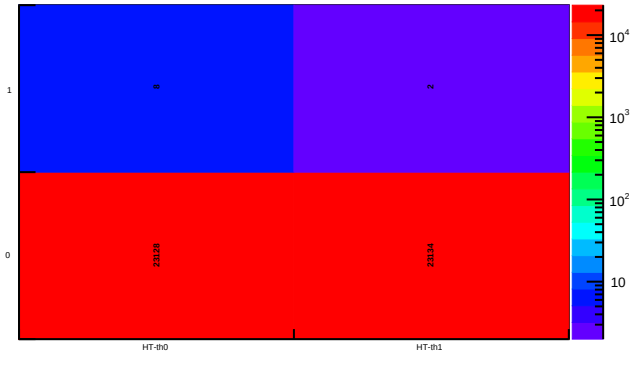
EM201-EE101 Entries 46272



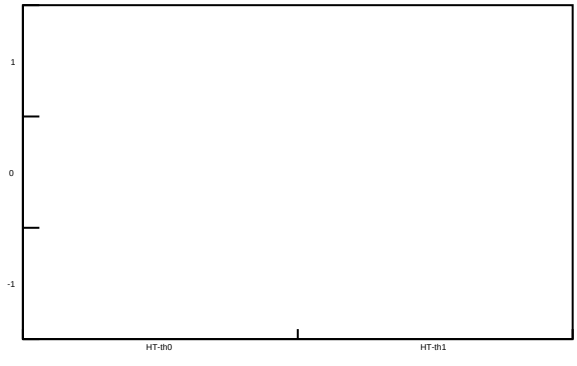
EM201-EE101Diff Entries 0

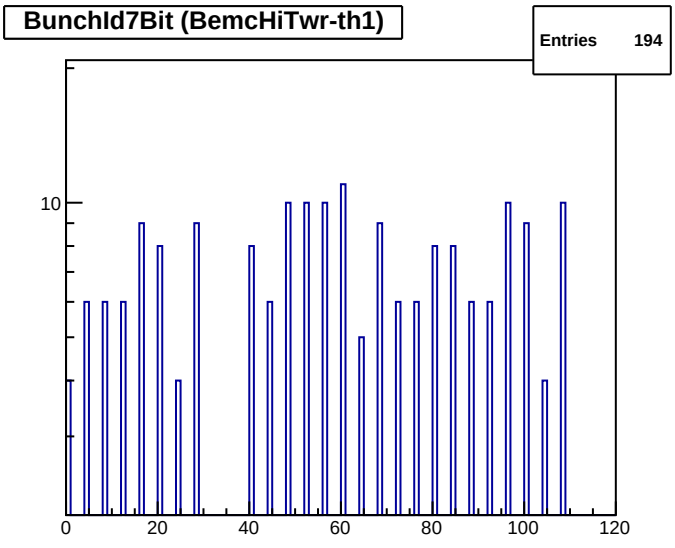


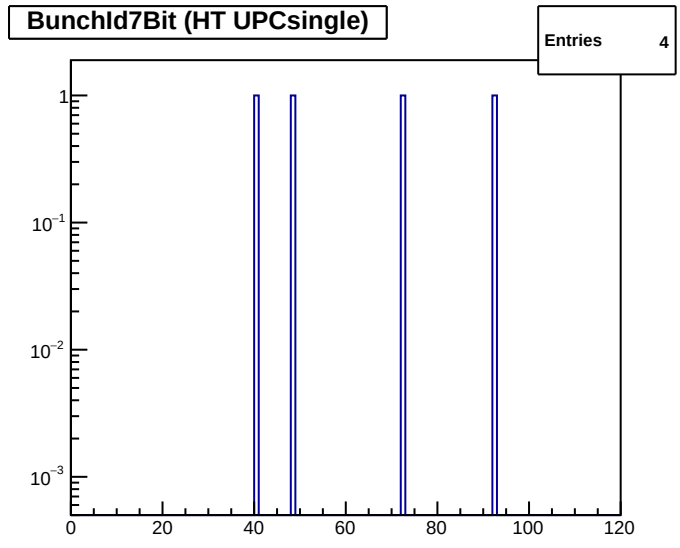
EM201-EE102 Entries 46272

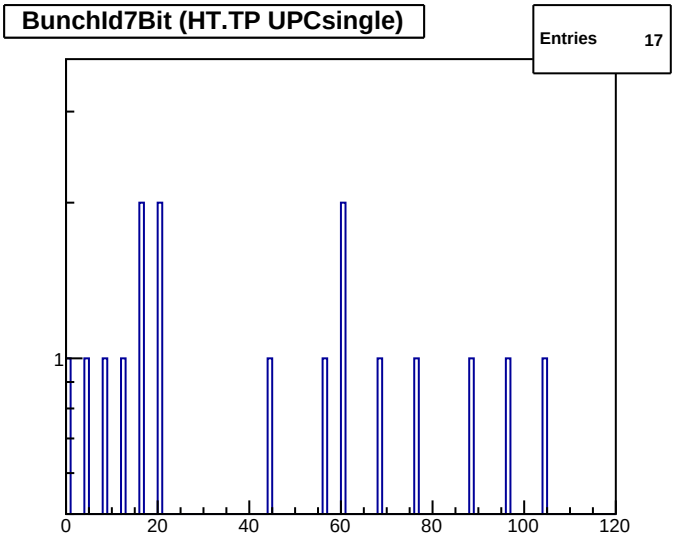


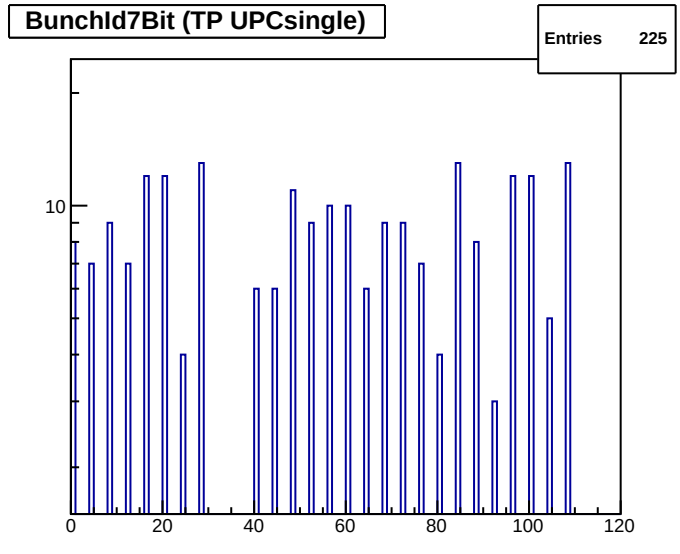
EM201-EE102Diff Entries 0

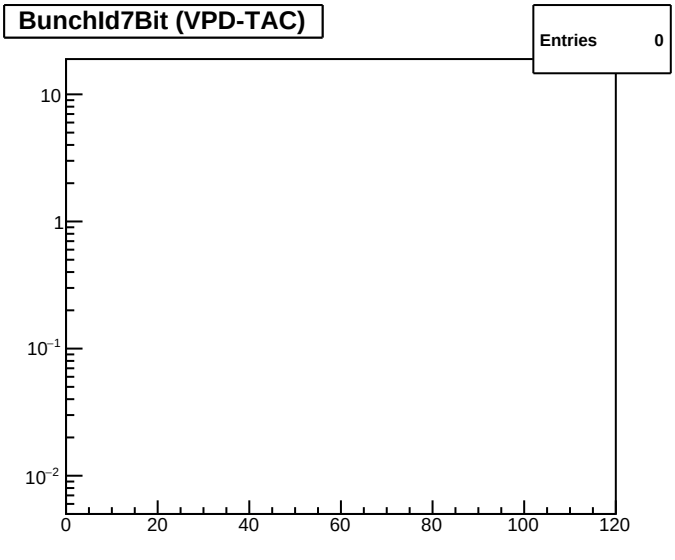


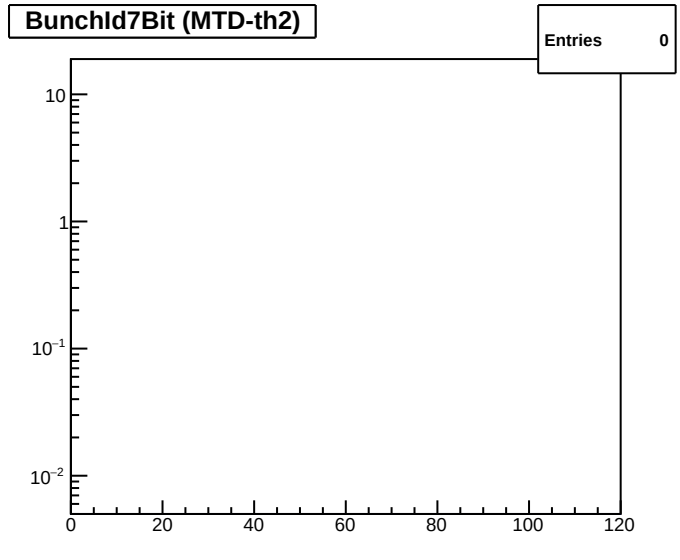

BunchId7Bit (BemcHiTwr-th1)
Entries 194
10
0 20 40 60 80 100 120

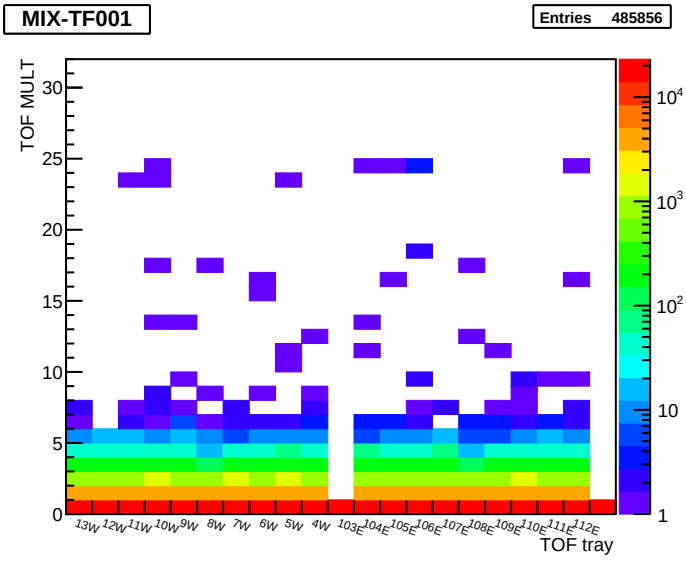

BunchId7Bit (HT UPCsingle)
Entries 4
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

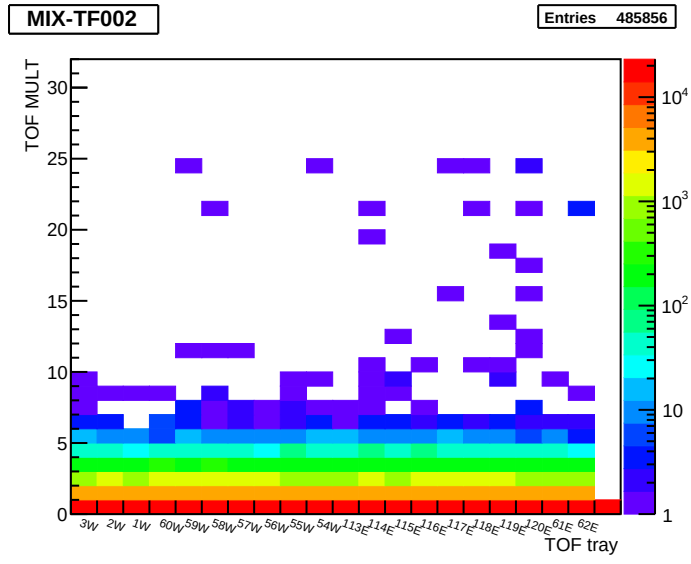

BunchId7Bit (HT.TP UPCsingle)
Entries 17
1
0 20 40 60 80 100 120

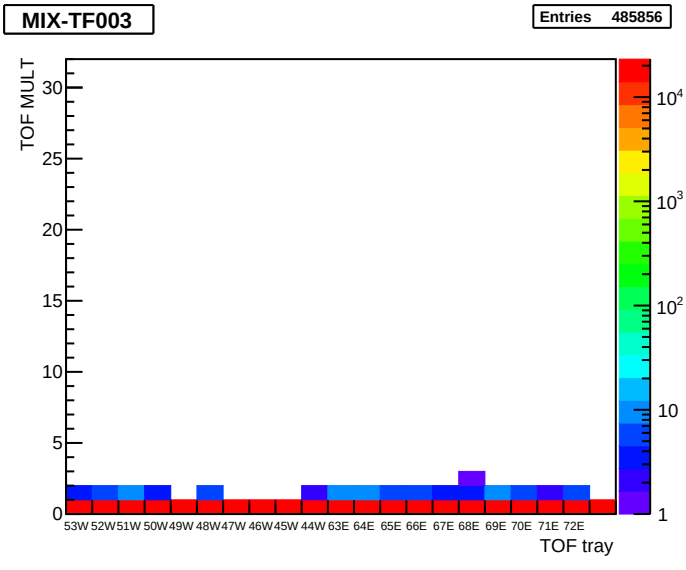

BunchId7Bit (TP UPCsingle)
Entries 225
10
0 20 40 60 80 100 120

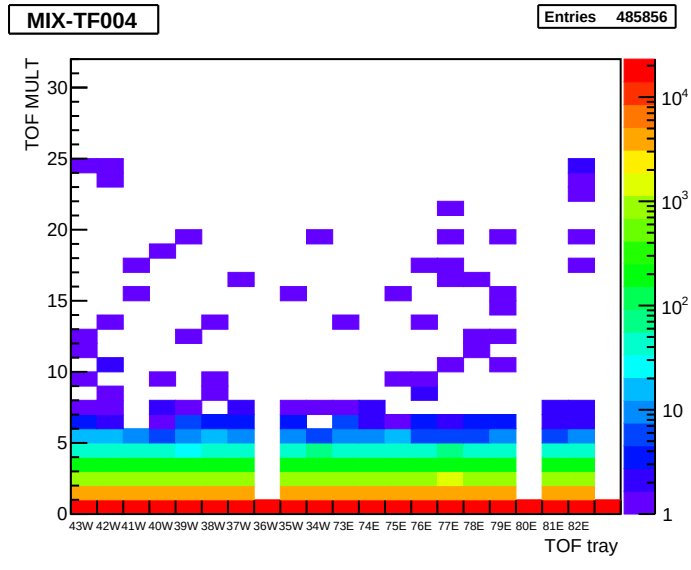

BunchId7Bit (VPD-TAC)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

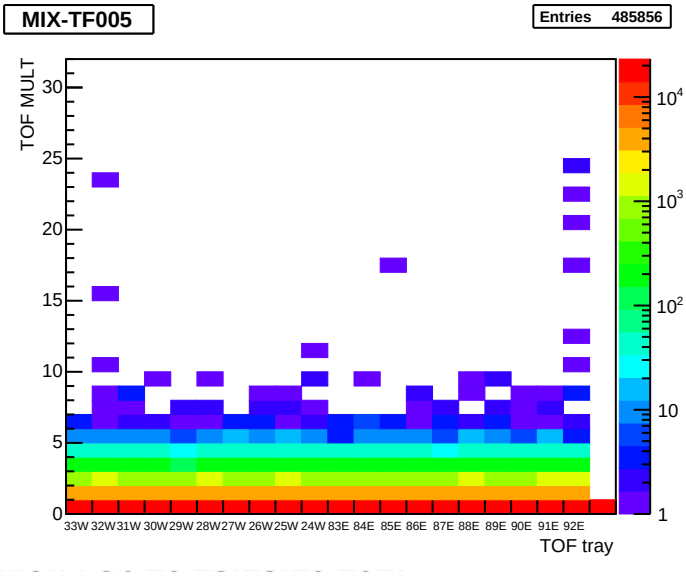

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

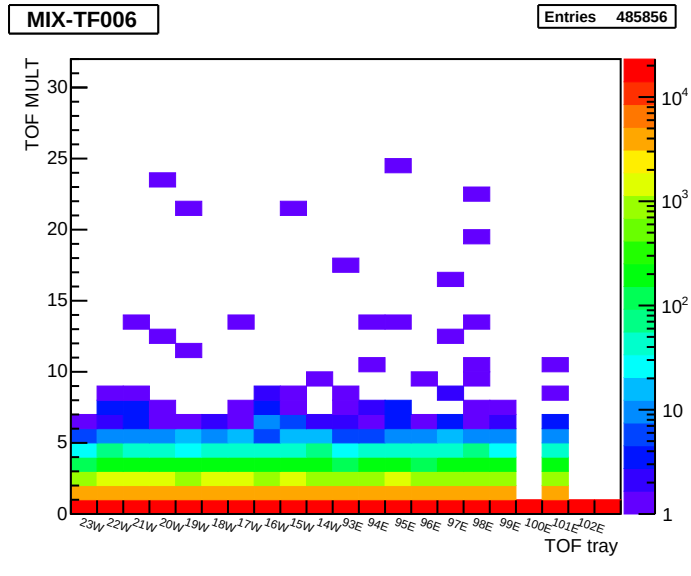

MIX-TF001
Entries 485856
TOF MULT
TOF tray

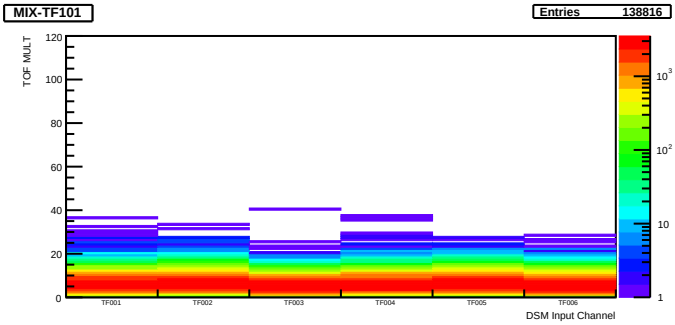

MIX-TF002
Entries 485856
TOF MULT
TOF tray

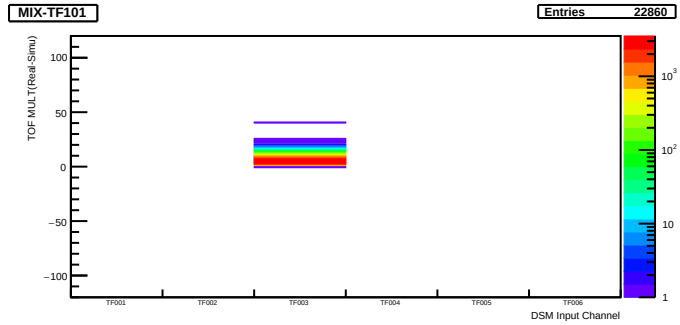

MIX-TF003
Entries 485856
TOF MULT
TOF tray

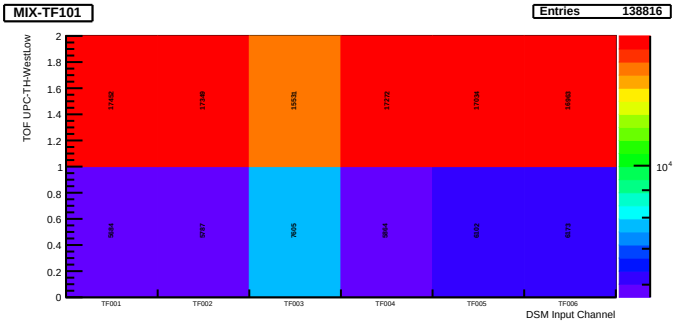

MIX-TF004
Entries 485856
TOF MULT
TOF tray

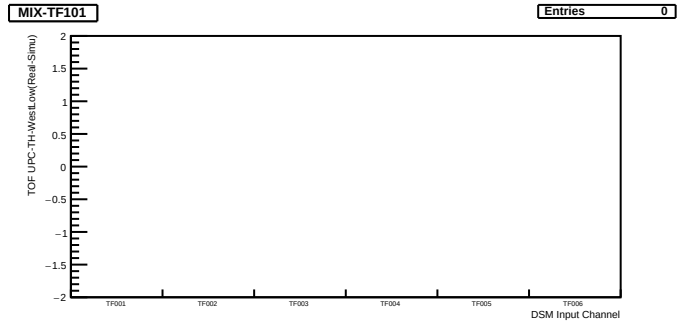

MIX-TF005
Entries 485856
TOF MULT
TOF tray

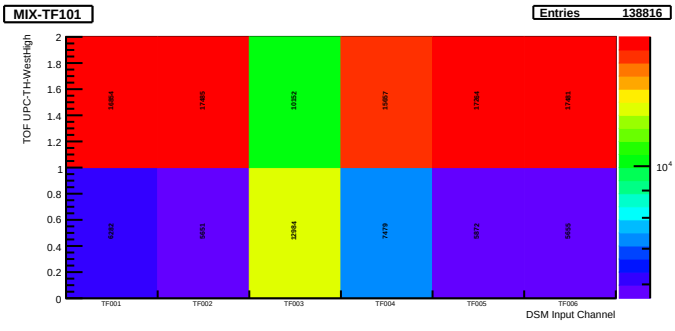

MIX-TF006
Entries 485856
TOF MULT
TOF tray

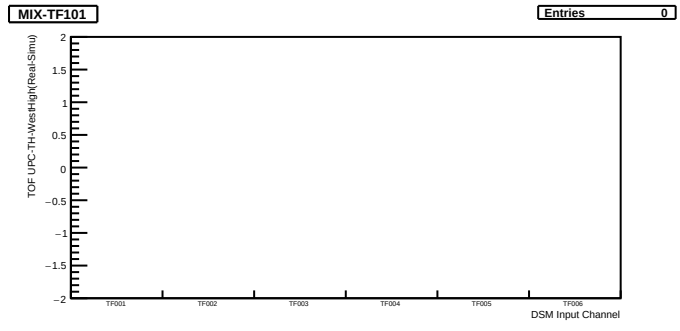

MIX-TF101
Entries 138816
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

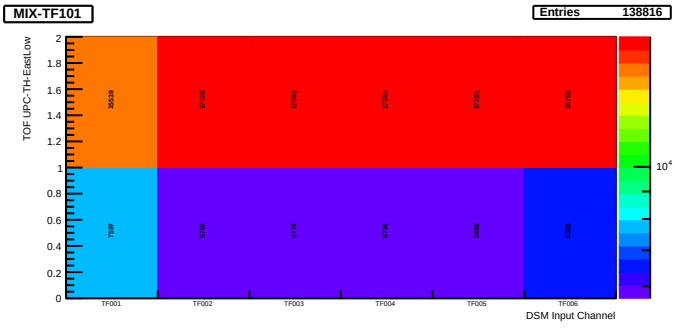

MIX-TF101
Entries 22860
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

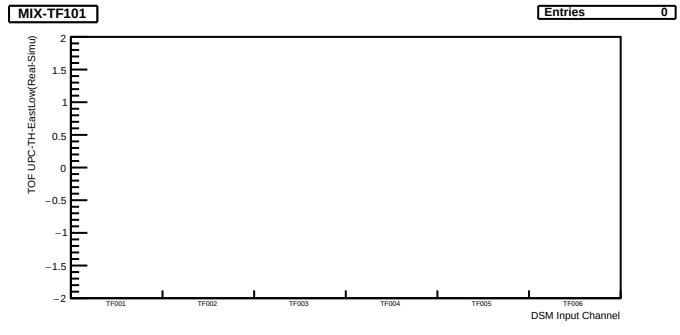

MIX-TF101
Entries 138816
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

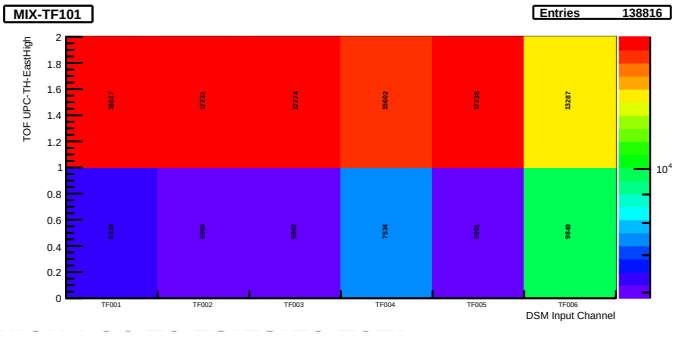

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

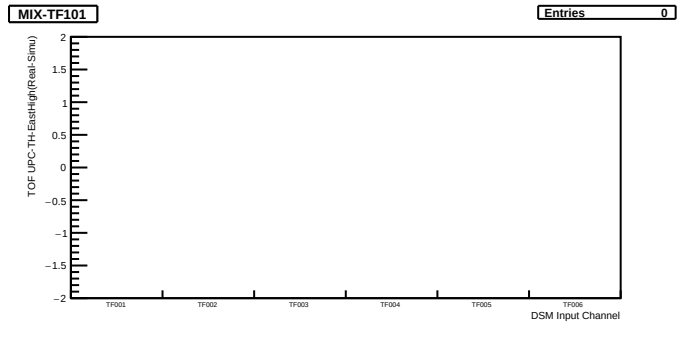

MIX-TF101
Entries 138816
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

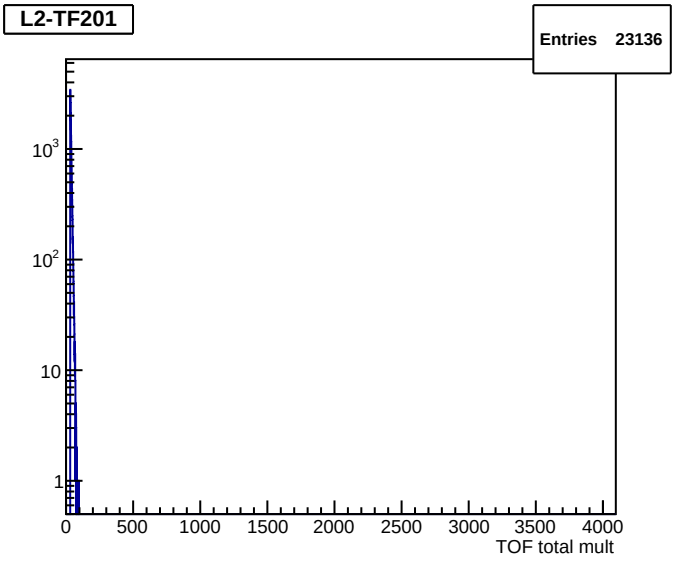

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

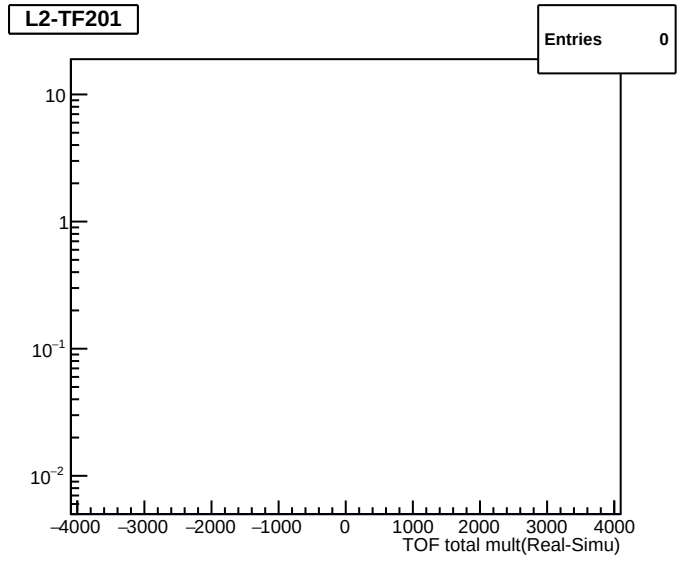

MIX-TF101
Entries 138816
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

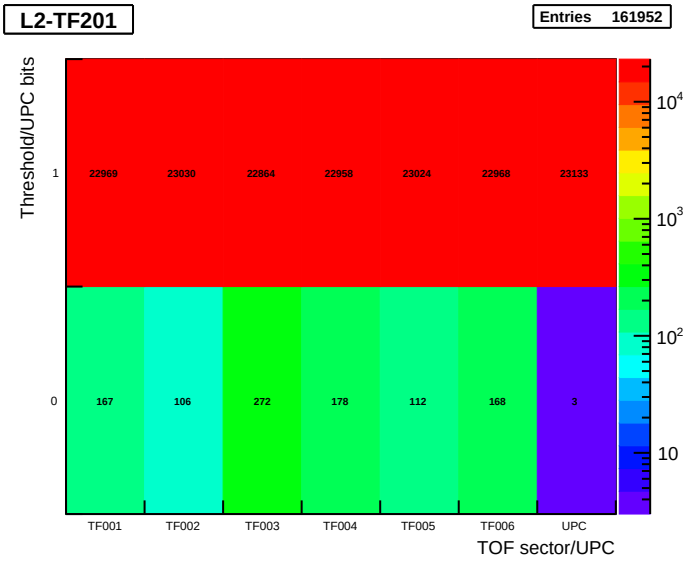

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

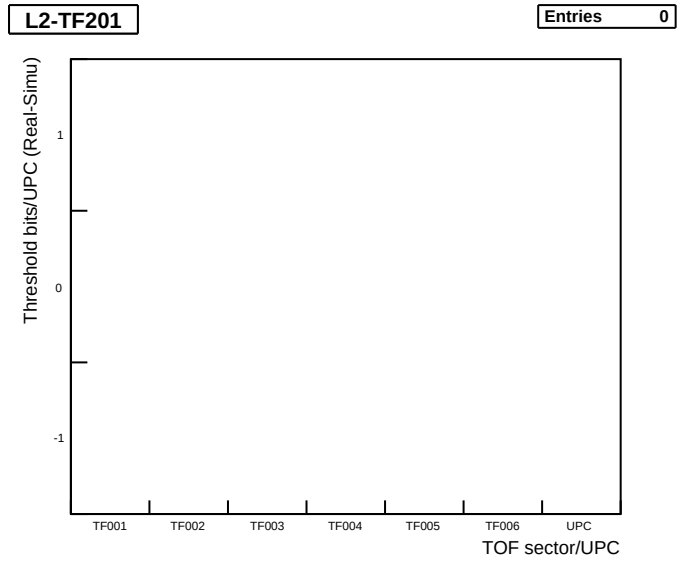

MIX-TF101
Entries 138816
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

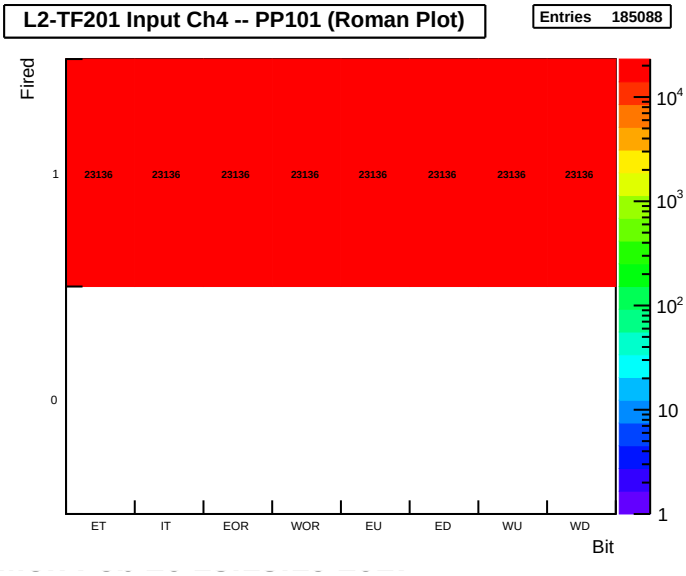

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

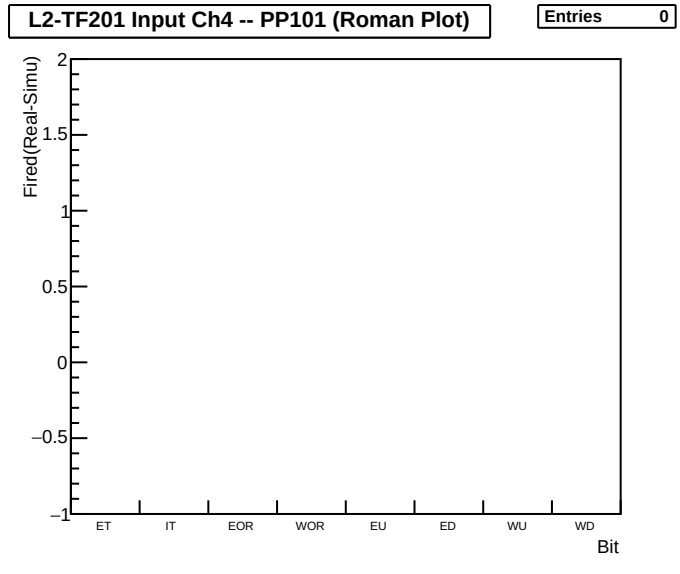

L2-TF201
Entries 23136
TOF total mult

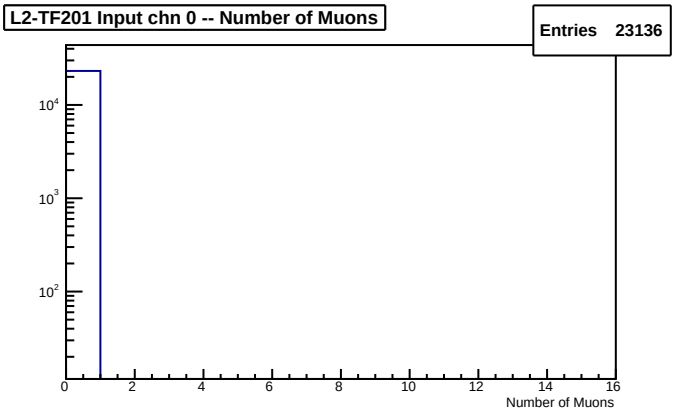

L2-TF201
Entries 0
TOF total mult(Real-Simu)

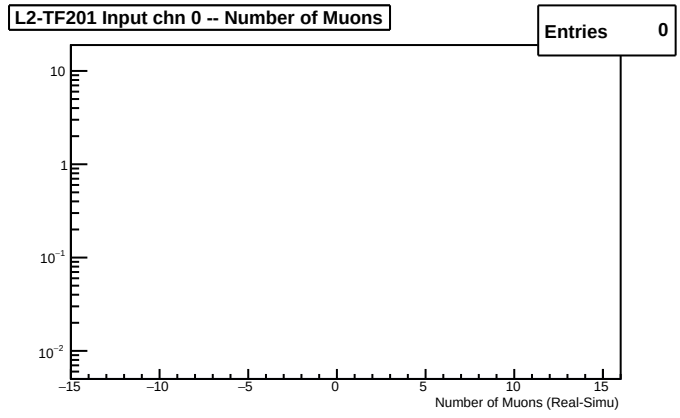

L2-TF201
Entries 161952
Threshold/UPC bits
22969 23030 22864 22958 23024 22968 23133
167 106 272 178 112 168 3
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

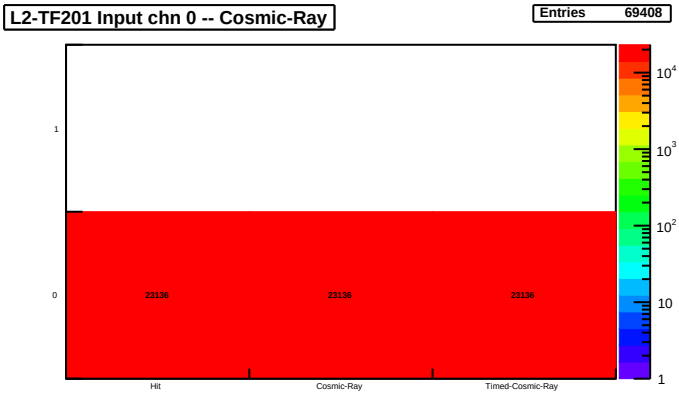

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

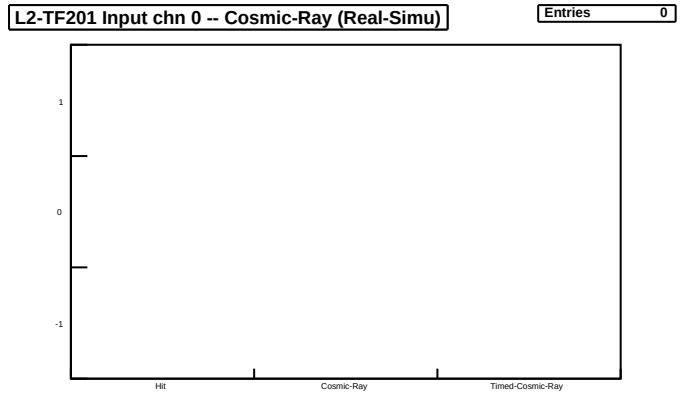

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 185088
Fired
23136 23136 23136 23136 23136 23136 23136 23136
ET IT EOR WOR EU ED WU WD
Bit

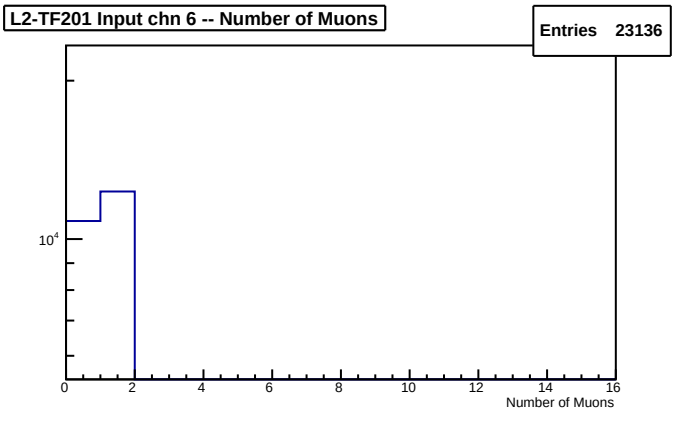

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

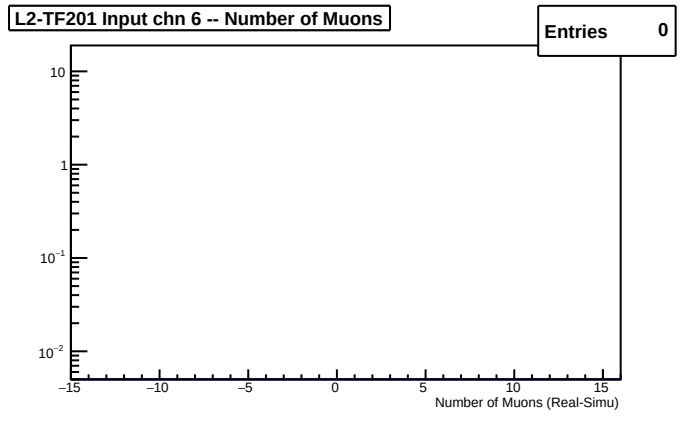

L2-TF201 Input chn 0 -- Number of Muons
Entries 23136
Number of Muons

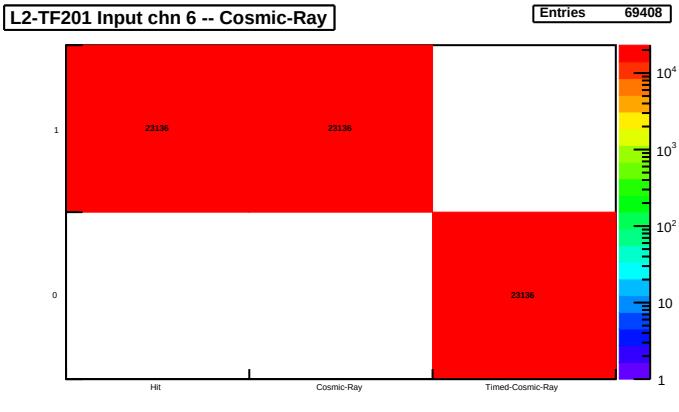

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

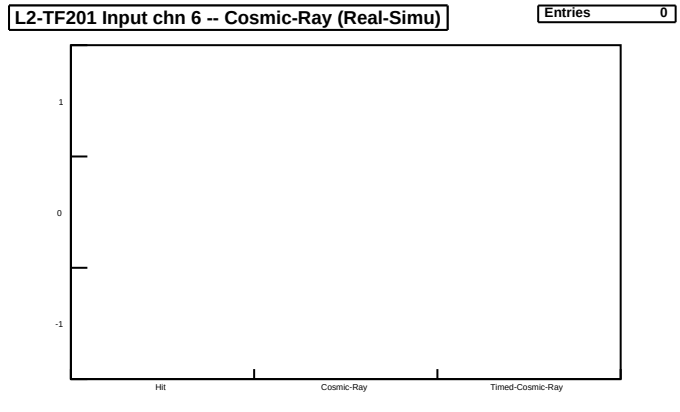

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 69408
23136
23136
23136
Hit
Cosmic-Ray
Timed-Cosmic-Ray

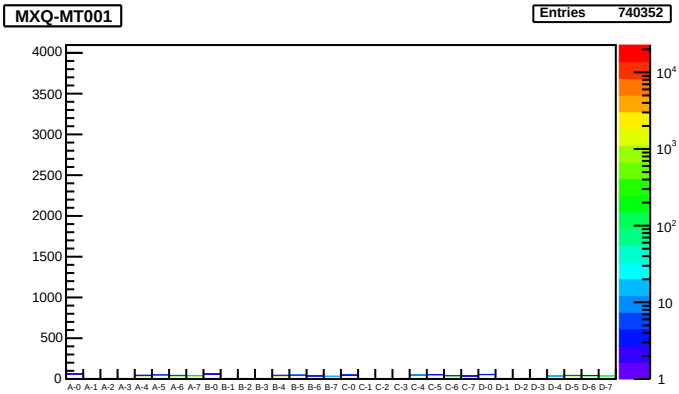

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

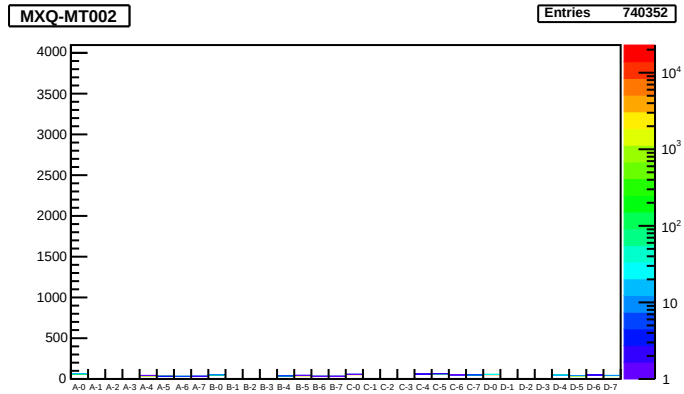

L2-TF201 Input chn 6 -- Number of Muons
Entries 23136
Number of Muons

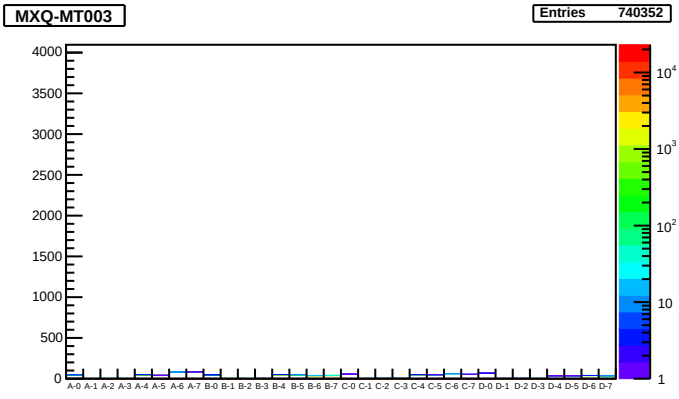

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

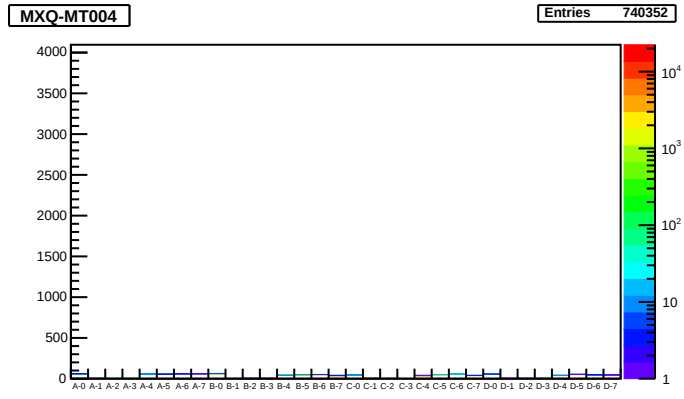

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 69408
23136
23136
23136
Hit
Cosmic-Ray
Timed-Cosmic-Ray

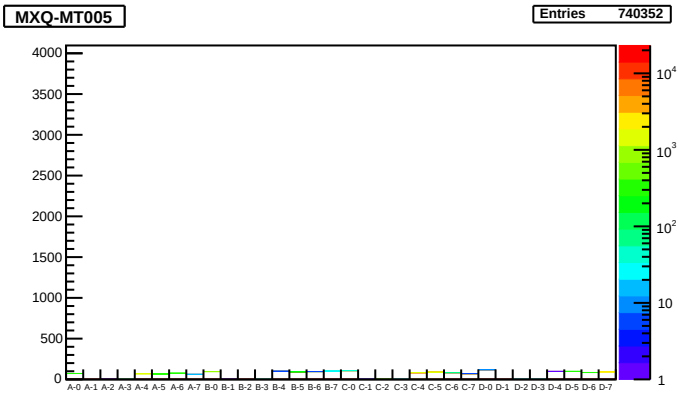

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

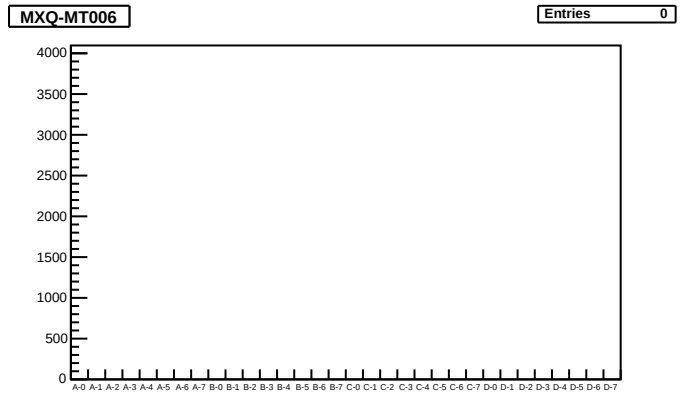

MXQ-MT001
Entries 740352

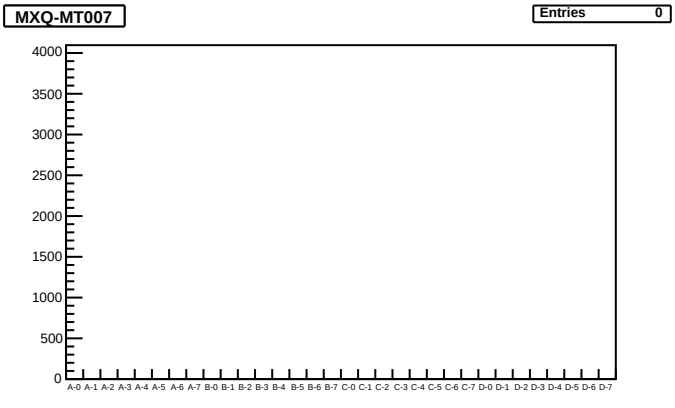

MXQ-MT002
Entries 740352

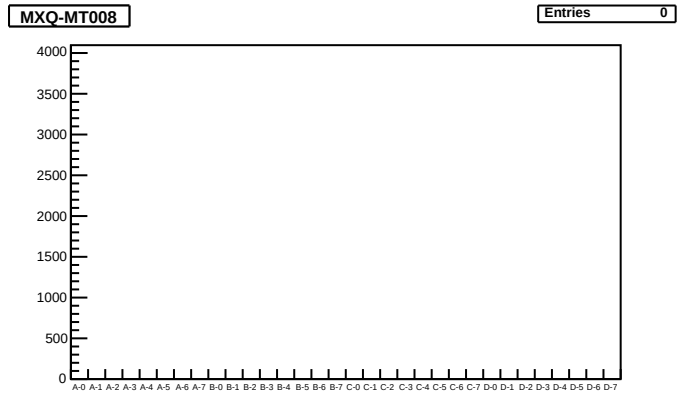

MXQ-MT003
Entries 740352

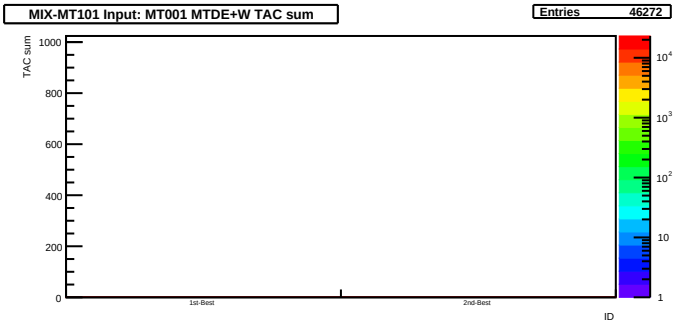

MXQ-MT004
Entries 740352

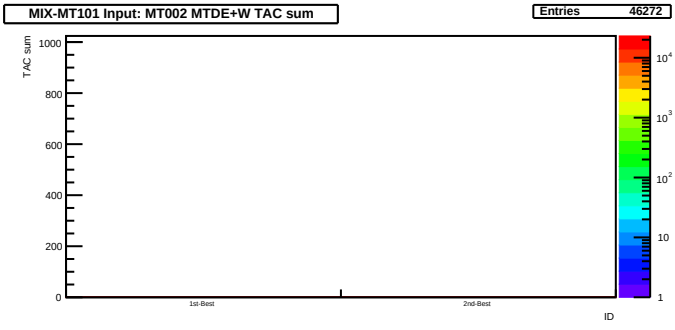

MXQ-MT005
Entries 740352

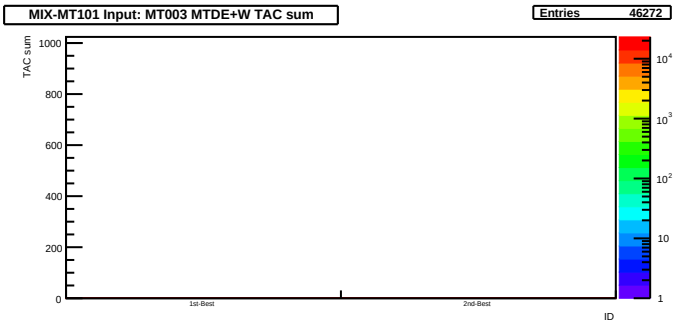

MXQ-MT006
Entries 0

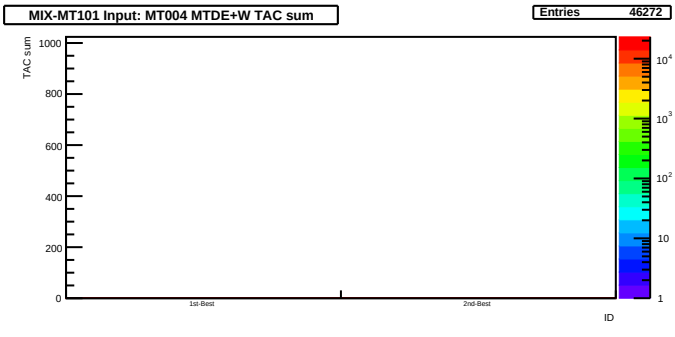

MXQ-MT007
Entries 0

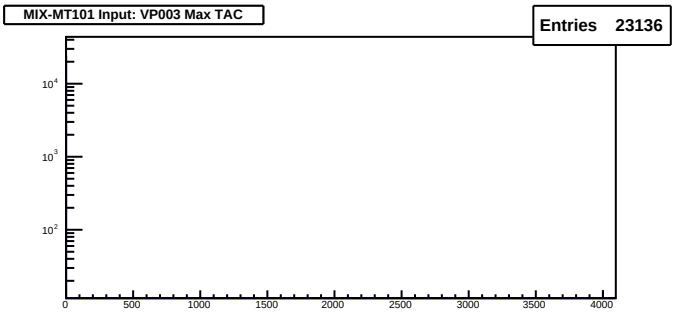

MXQ-MT008
Entries 0

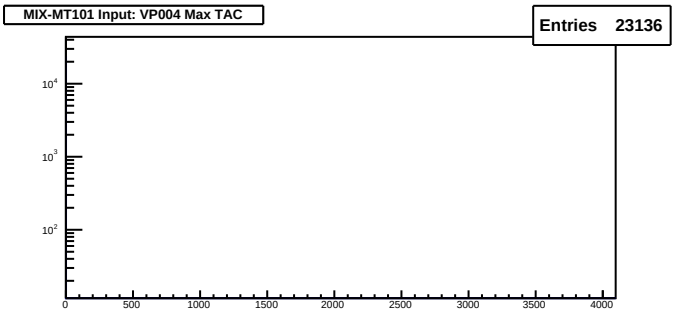

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 46272
TAC sum
1st-Best
2nd-Best
ID

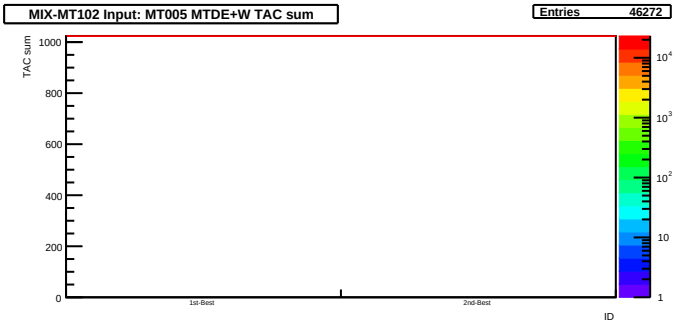

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 46272
TAC sum
1st-Best
2nd-Best
ID

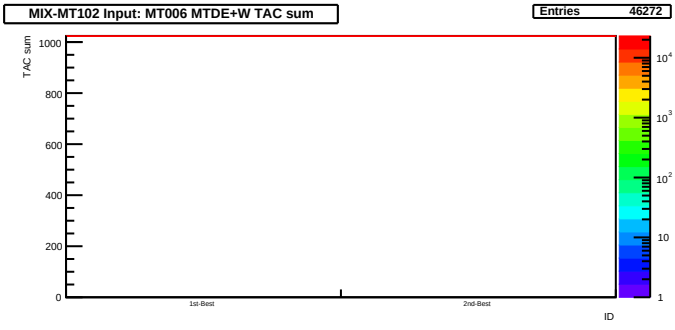

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 46272
TAC sum
1st-Best
2nd-Best
ID

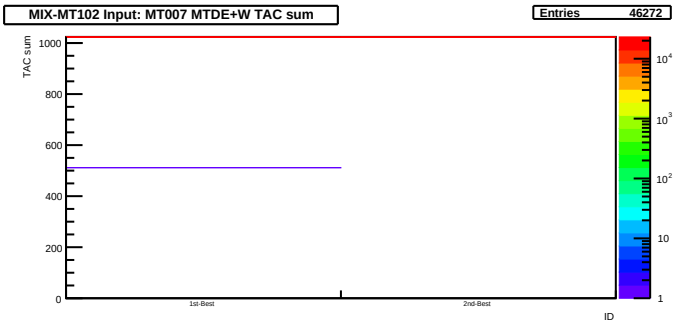

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 46272
TAC sum
1st-Best
2nd-Best
ID

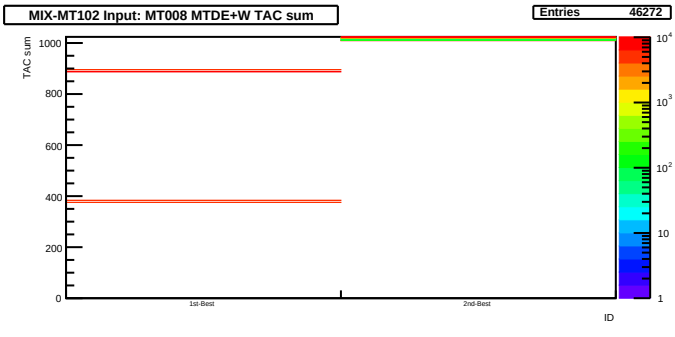

MIX-MT101 Input: VP003 Max TAC
Entries 23136

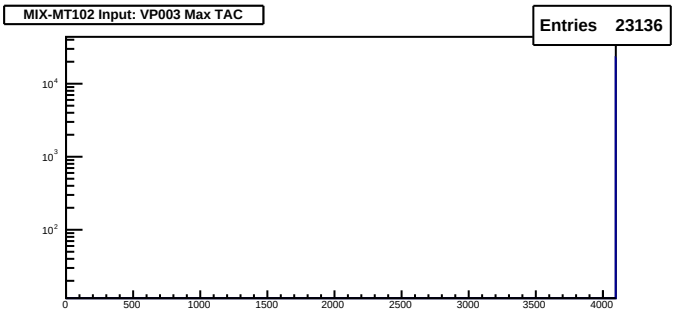

MIX-MT101 Input: VP004 Max TAC
Entries 23136

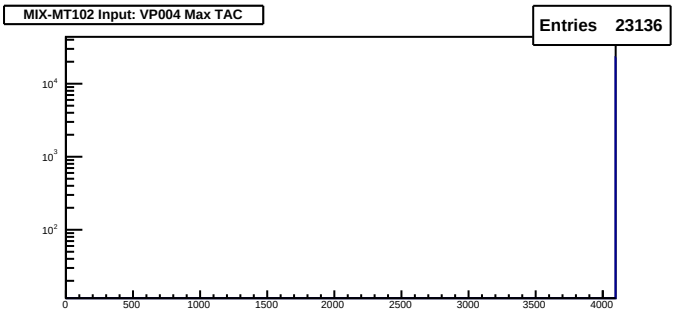

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 46272
TAC sum
1st-Best
2nd-Best
ID

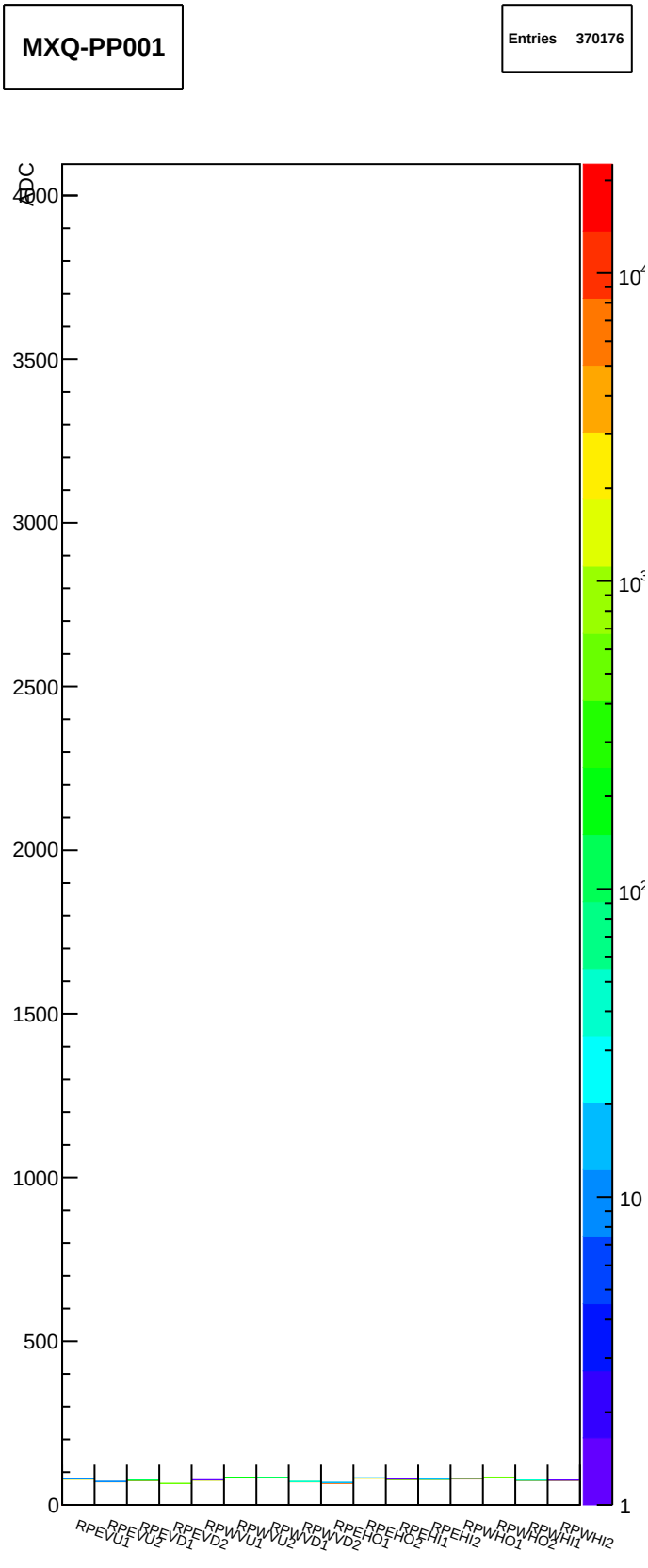

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 46272
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 46272
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 46272
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 23136


MIX-MT102 Input: VP004 Max TAC
Entries 23136


MXQ-PP001
Entries 370176
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
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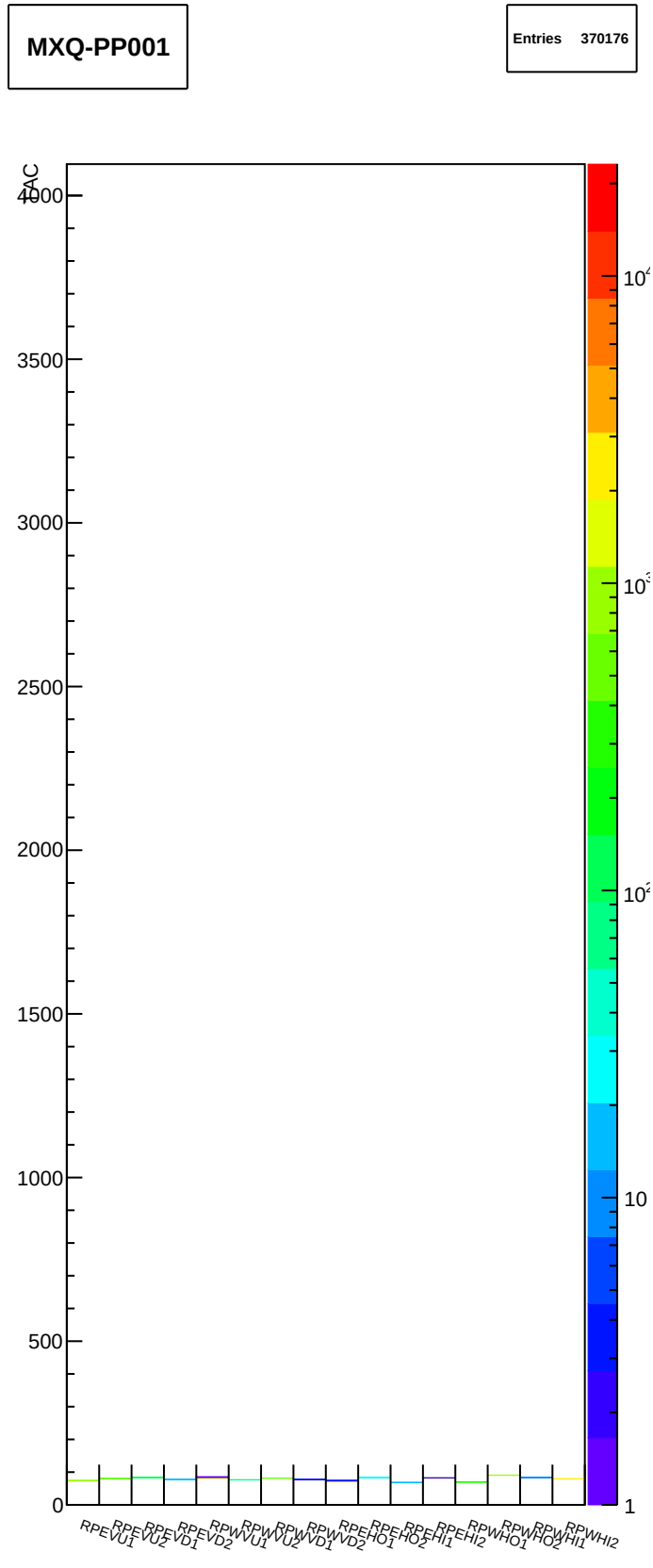
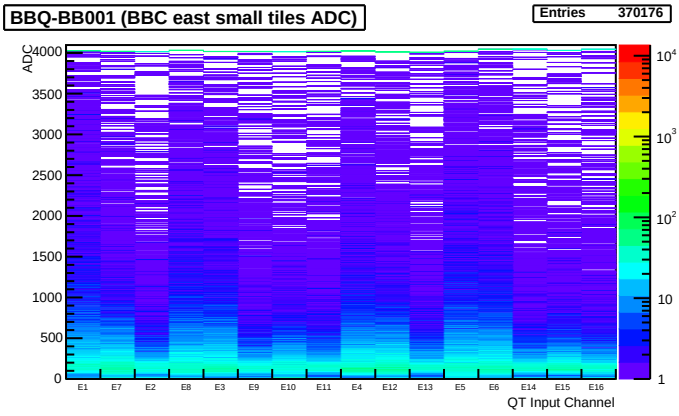
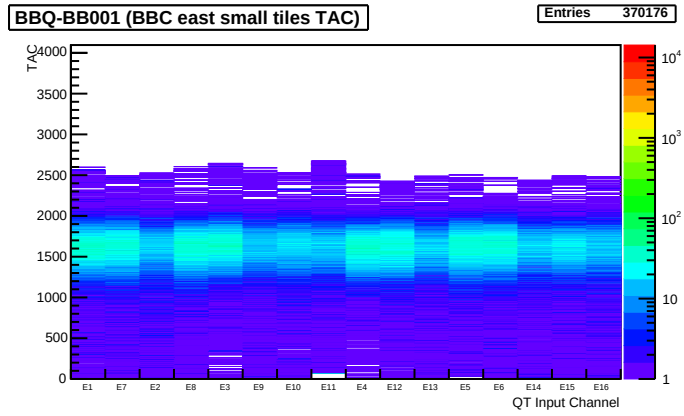
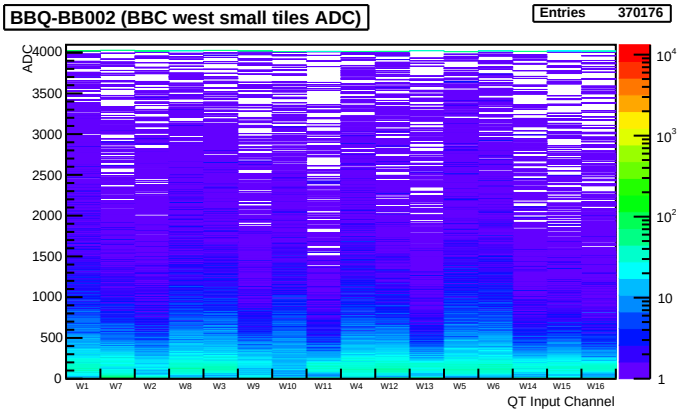
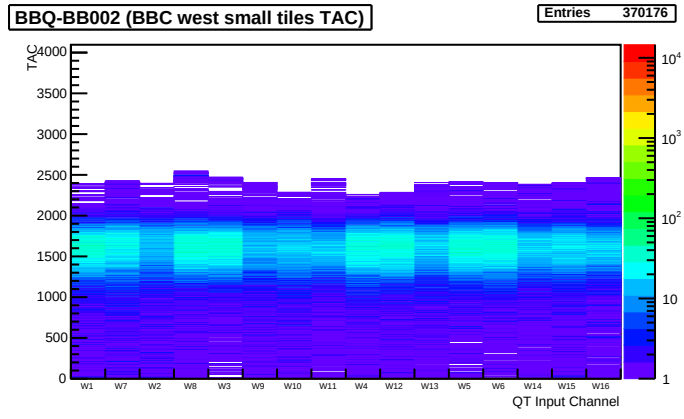
RPWHO2
RPWHI1
RPWHI2
10
1

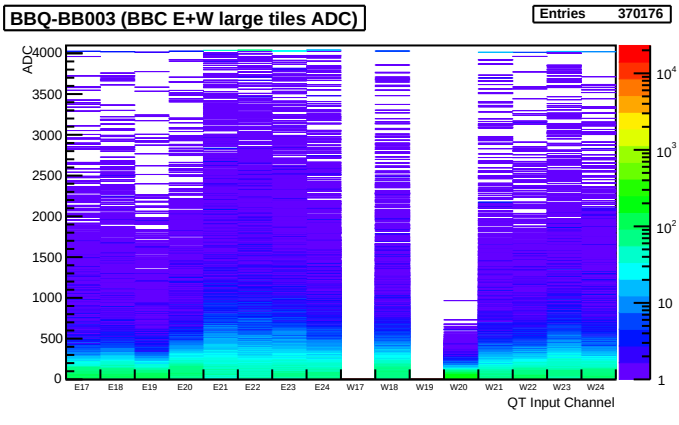

MXQ-PP001
Entries 370176
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

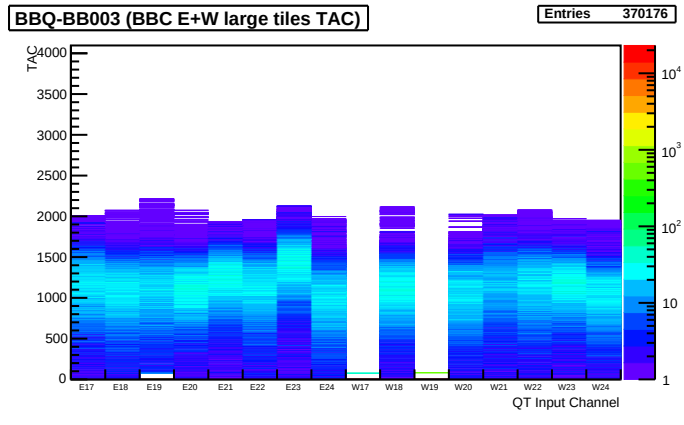

BBQ-BB001 (BBC east small tiles ADC)
Entries 370176
ADC
QT Input Channel

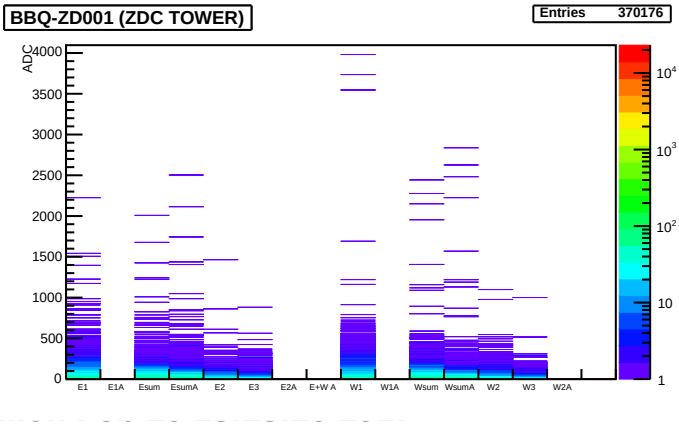

BBQ-BB001 (BBC east small tiles TAC)
Entries 370176
TAC
QT Input Channel

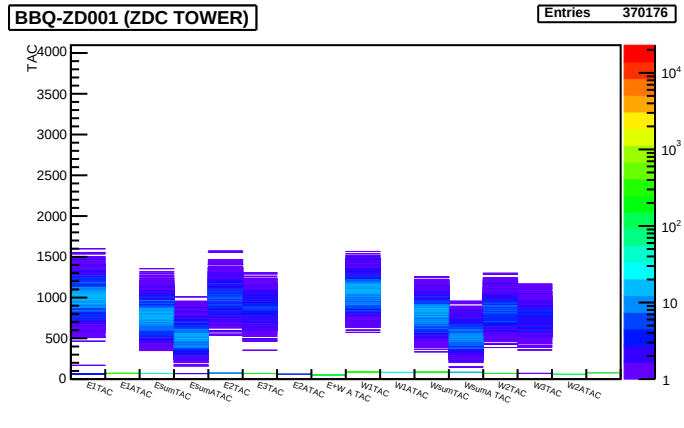

BBQ-BB002 (BBC west small tiles ADC)
Entries 370176
ADC
QT Input Channel

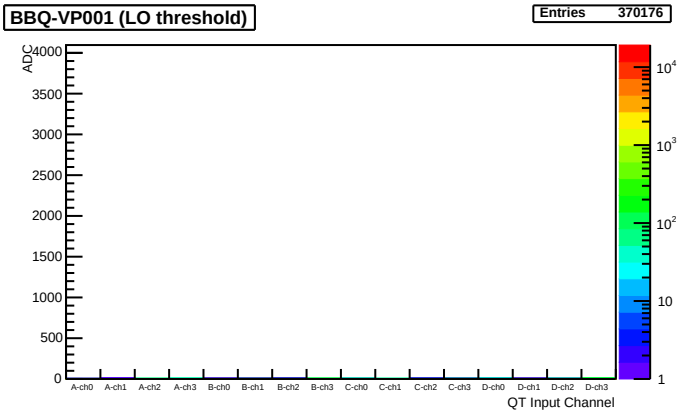

BBQ-BB002 (BBC west small tiles TAC)
Entries 370176
TAC
QT Input Channel

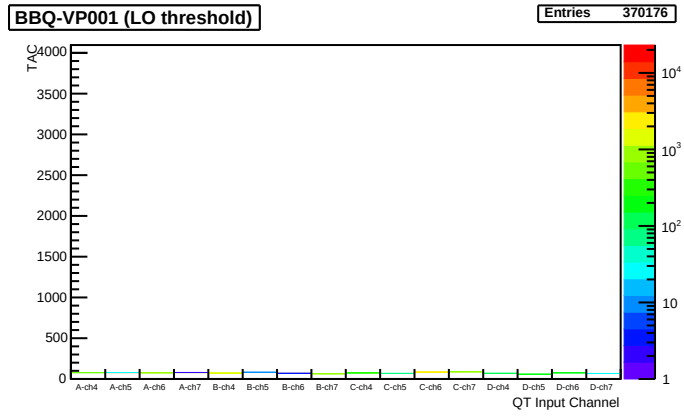

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 370176
ADC
QT Input Channel

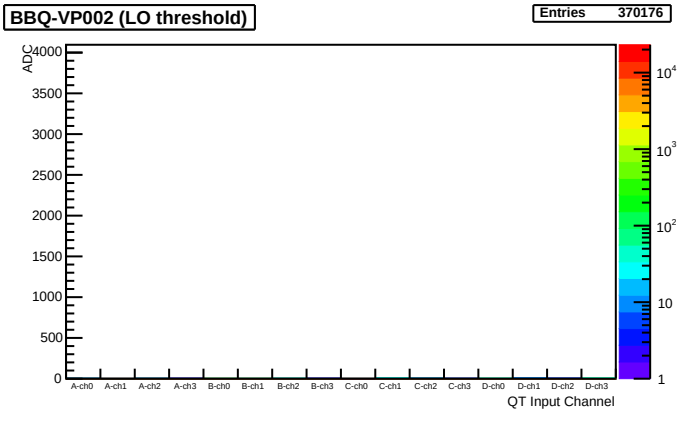

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 370176
TAC
QT Input Channel

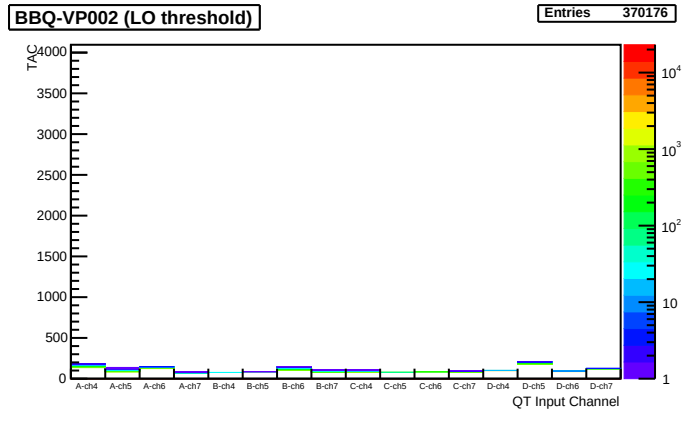

BBQ-ZD001 (ZDC TOWER)
Entries 370176
ADC

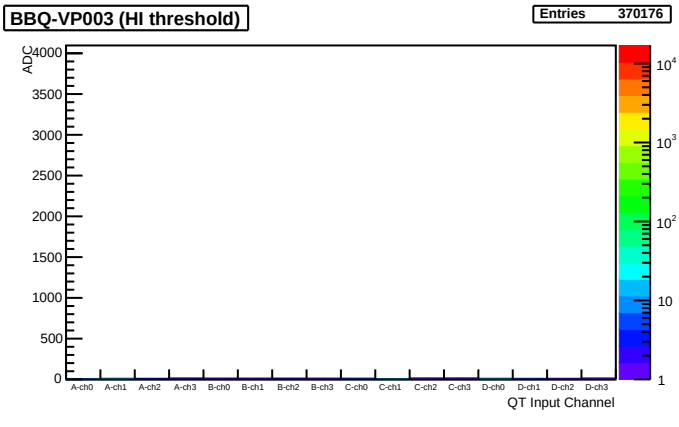

BBQ-ZD001 (ZDC TOWER)
Entries 370176
TAC

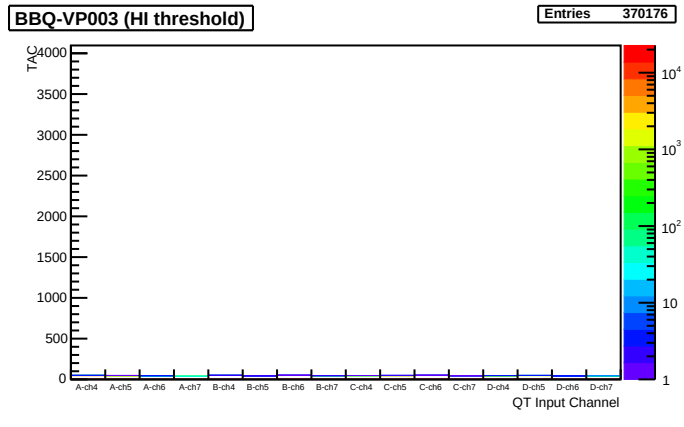

BBQ-VP001 (LO threshold)
Entries 370176
ADC
QT Input Channel

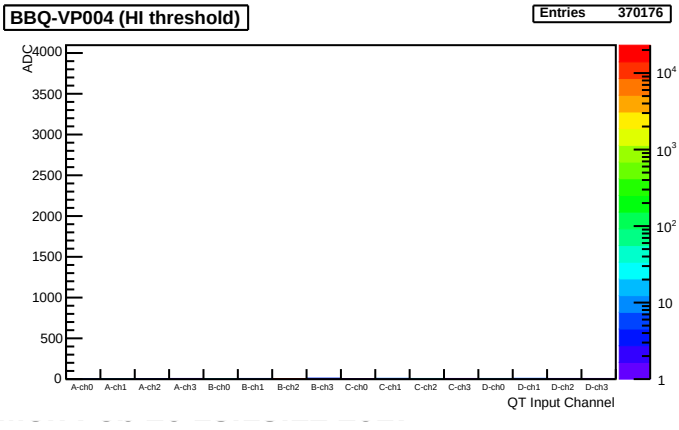

BBQ-VP001 (LO threshold)
Entries 370176
TAC
QT Input Channel

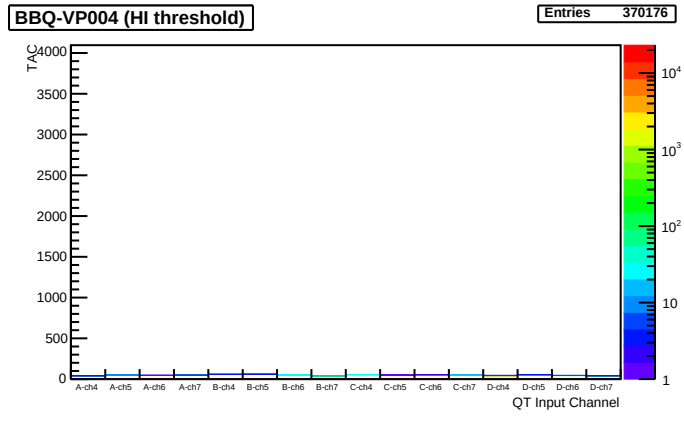

BBQ-VP002 (LO threshold)
Entries 370176
ADC
QT Input Channel

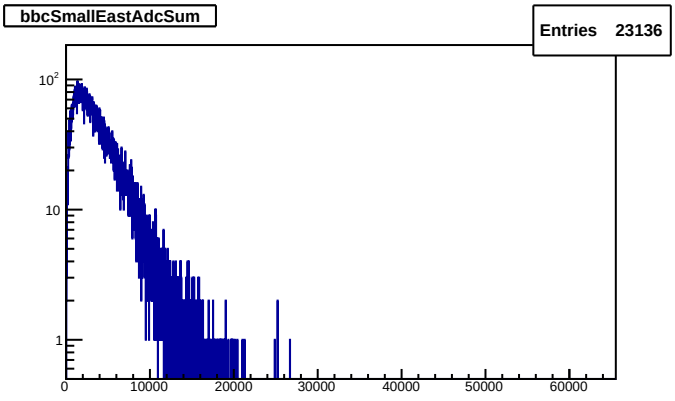

BBQ-VP002 (LO threshold)
Entries 370176
TAC
QT Input Channel

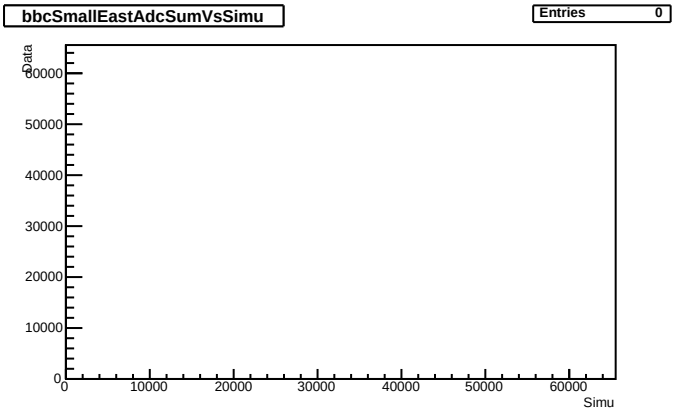

BBQ-VP003 (HI threshold)
Entries 370176
ADC
QT Input Channel

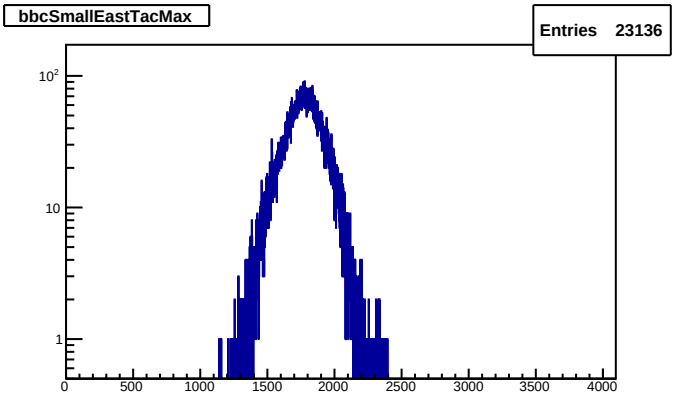

BBQ-VP003 (HI threshold)
Entries 370176
TAC
QT Input Channel

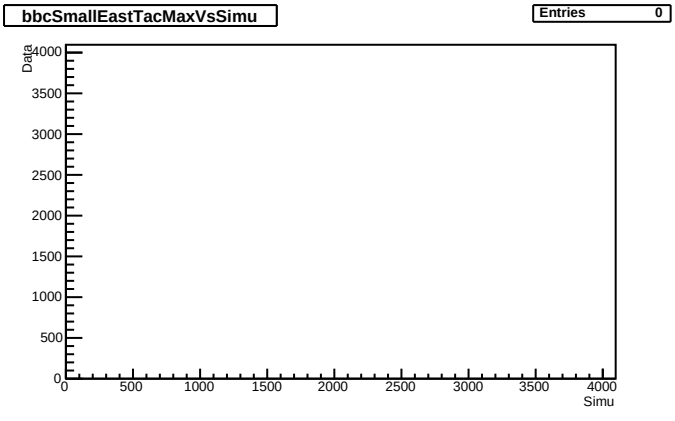

BBQ-VP004 (HI threshold)
Entries 370176
ADC
QT Input Channel

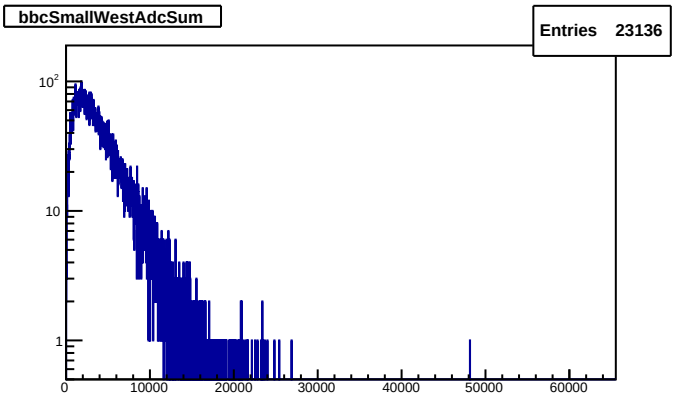

BBQ-VP004 (HI threshold)
Entries 370176
TAC
QT Input Channel

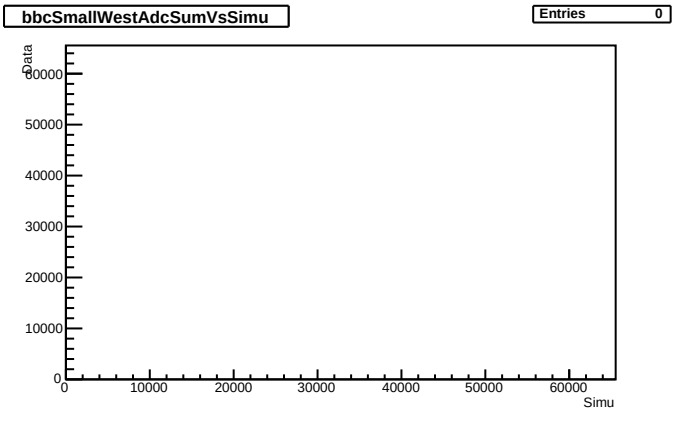

bbcSmallEastAdcSum
Entries 23136

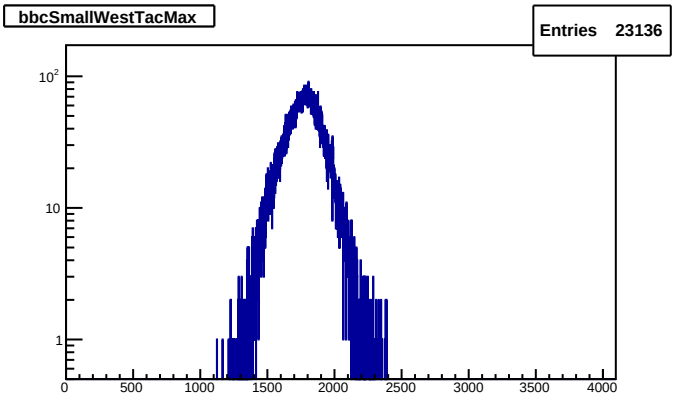

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

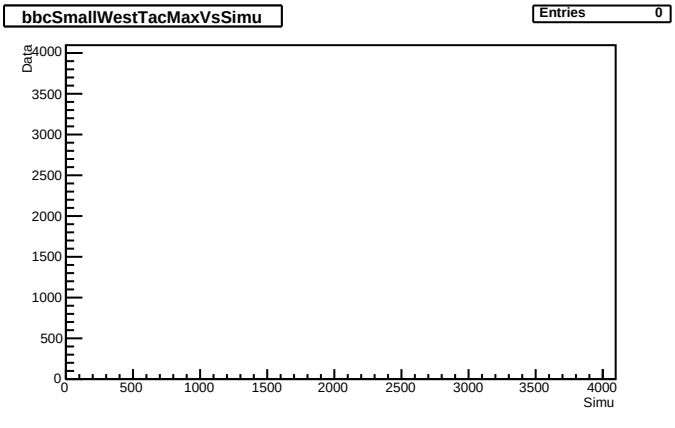

bbcSmallEastTacMax
Entries 23136

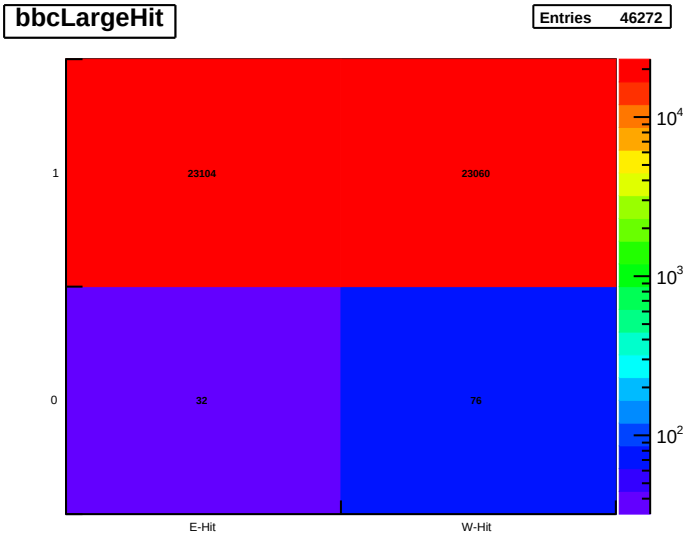

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

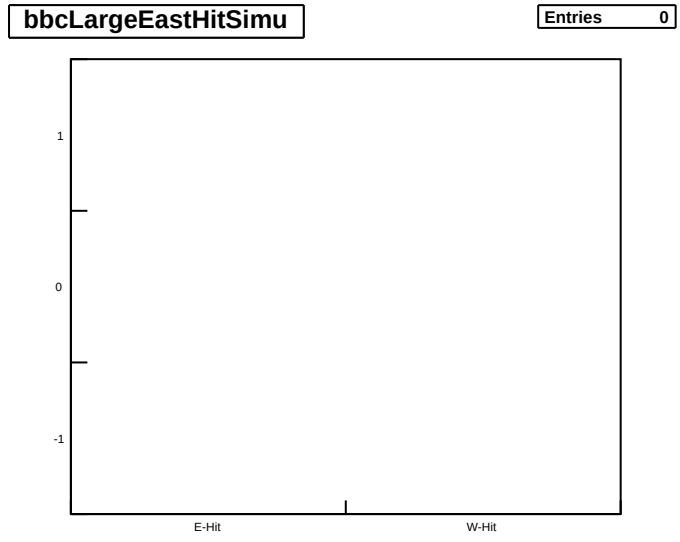

bbcSmallWestAdcSum
Entries 23136

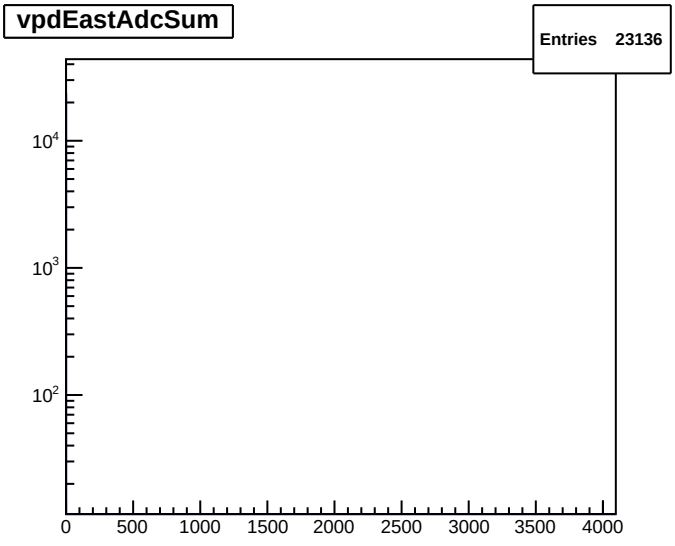

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

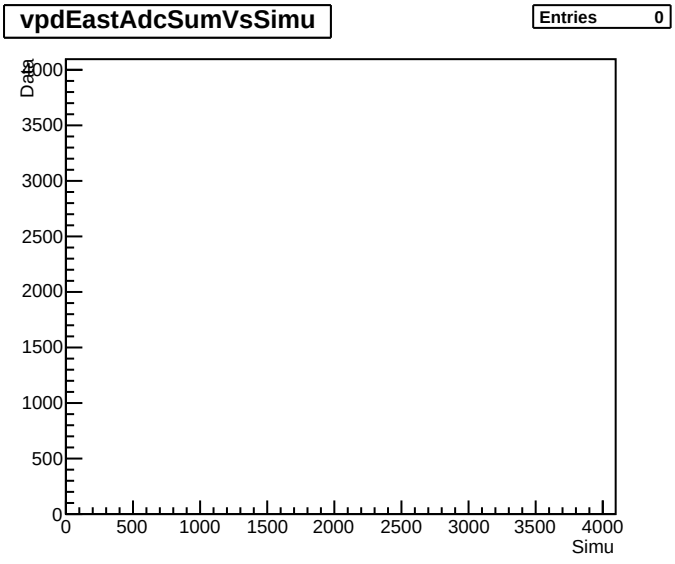

bbcSmallWestTacMax
Entries 23136

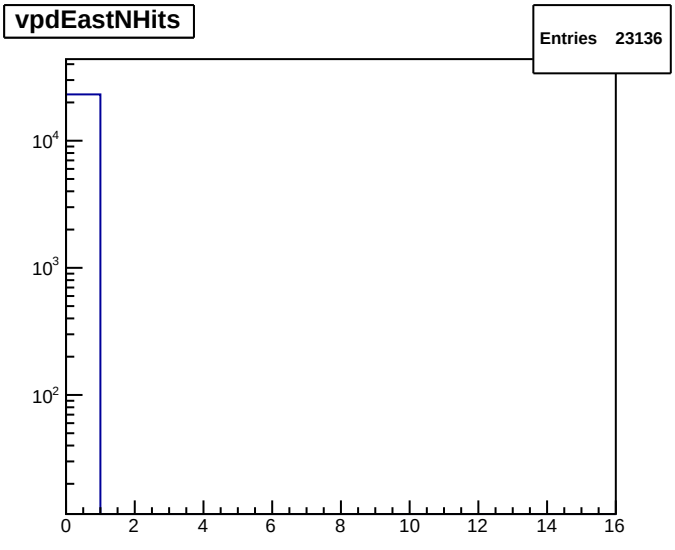

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

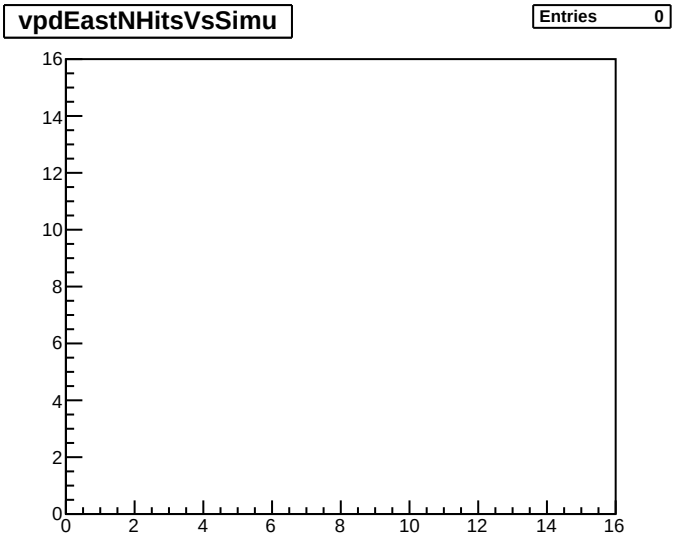

bbcLargeHit
Entries 46272
23104
23060
32
76
1
0
E-Hit
W-Hit
10^4
10^3
10^2

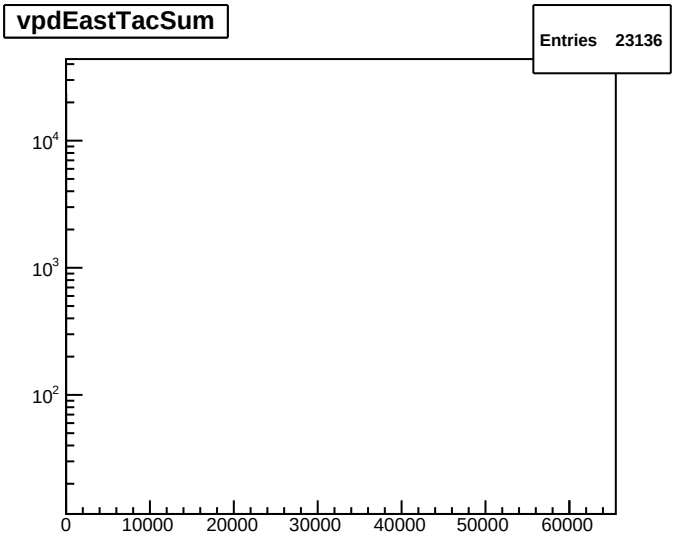

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

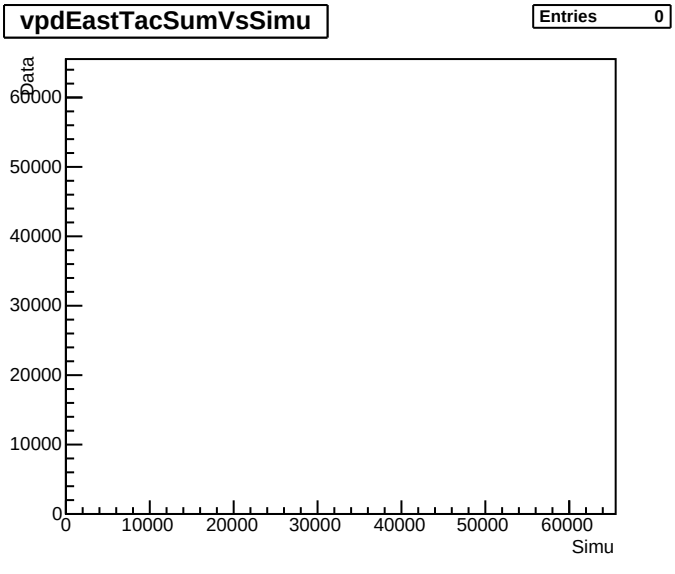

vpdEastAdcSum
Entries 23136
10^4
10^3
10^2
0 500 1000 1500 2000 2500 3000 3500 4000

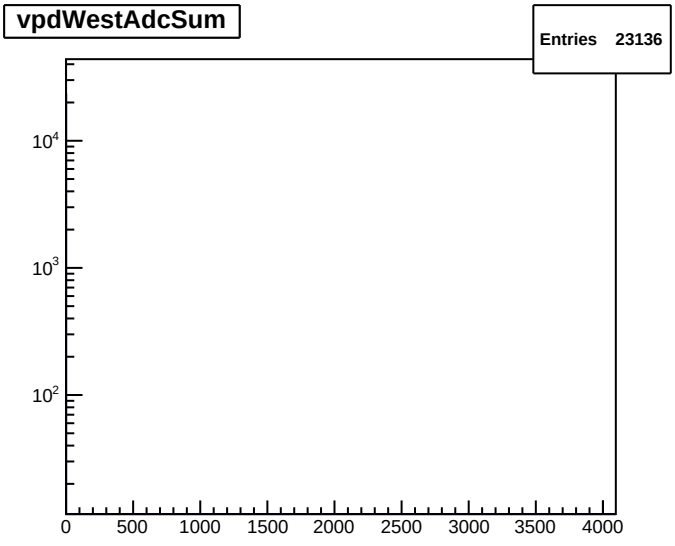

vpdEastAdcSumVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

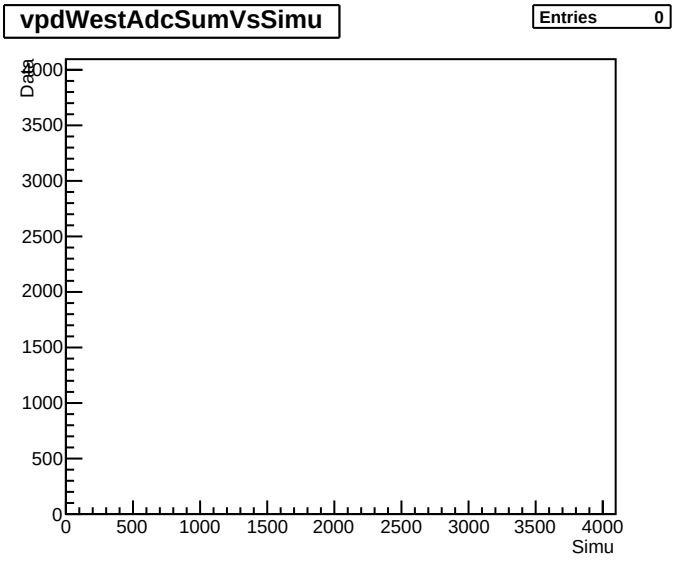

vpdEastNHits
Entries 23136
10^4
10^3
10^2
0 2 4 6 8 10 12 14 16

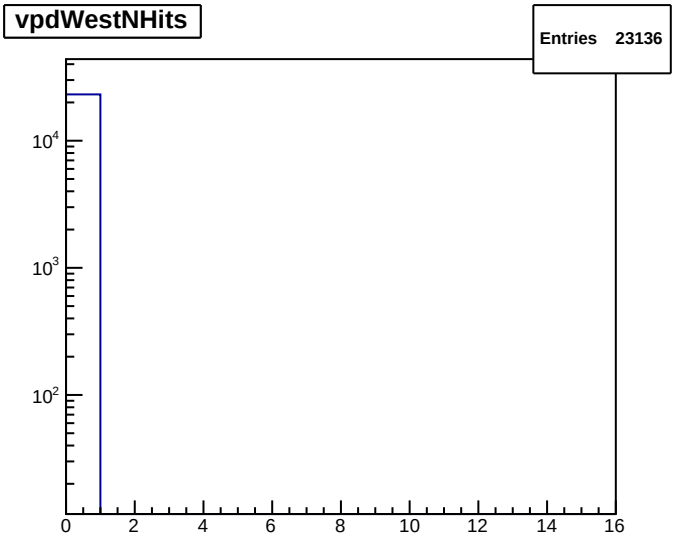

vpdEastNHitsVsSimu
Entries 0
16
14
12
10
8
6
4
2
0
0 2 4 6 8 10 12 14 16

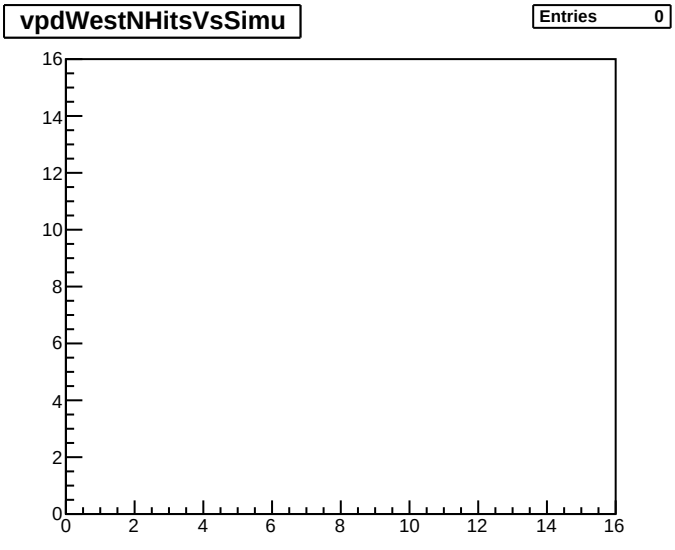

vpdEastTacSum
Entries 23136
10^4
10^3
10^2
0 10000 20000 30000 40000 50000 60000

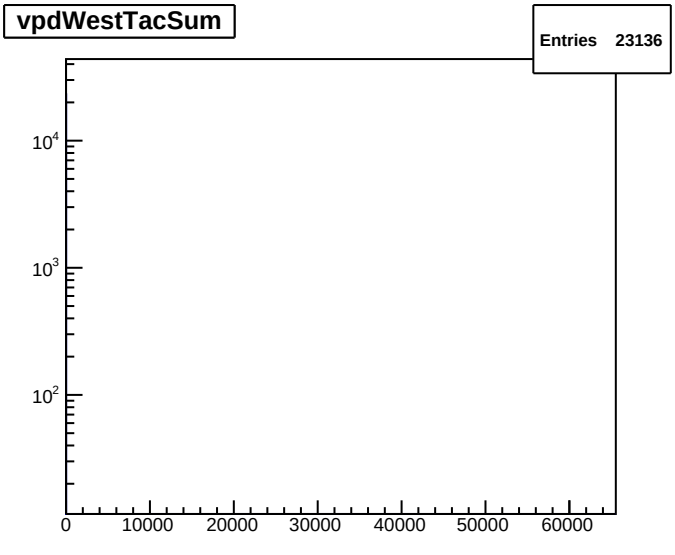

vpdEastTacSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0 10000 20000 30000 40000 50000 60000
Simu

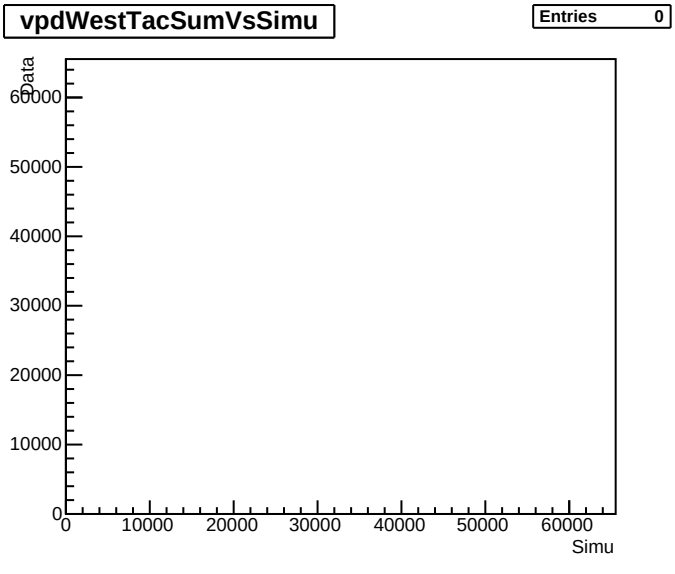

vpdWestAdcSum
Entries 23136
10^4
10^3
10^2
0 500 1000 1500 2000 2500 3000 3500 4000

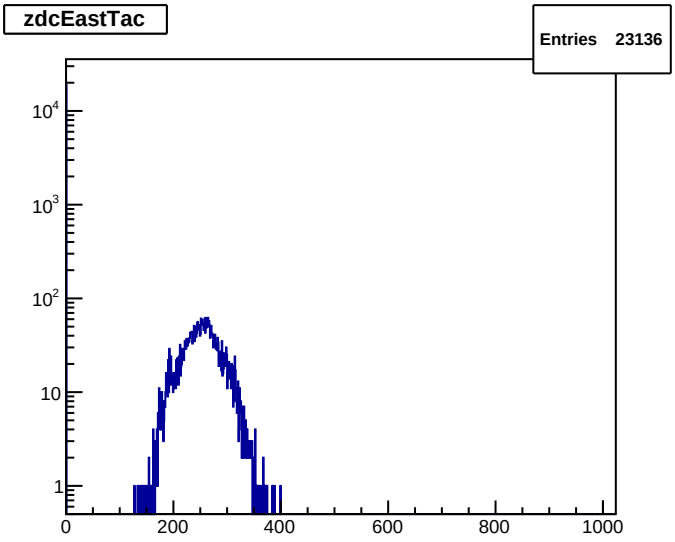

vpdWestAdcSumVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

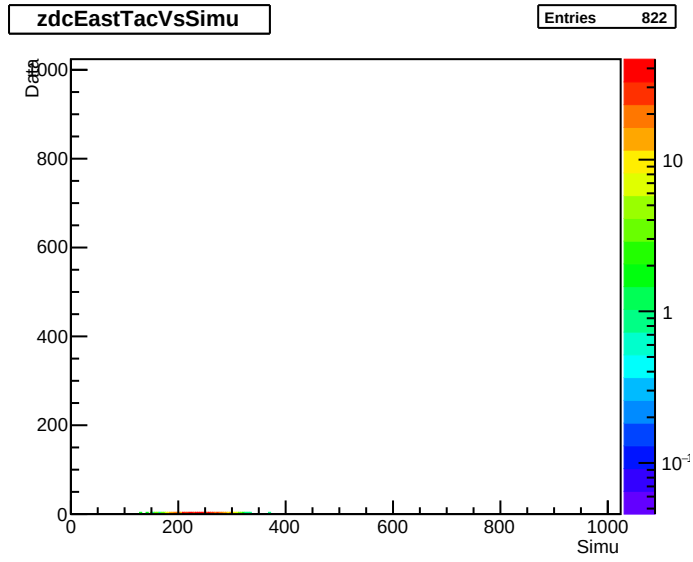

vpdWestNHits
Entries 23136
10^4
10^3
10^2
0 2 4 6 8 10 12 14 16

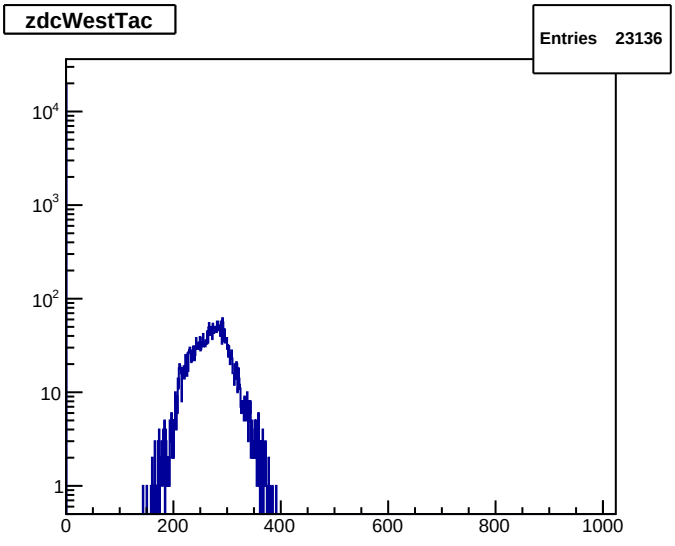

vpdWestNHitsVsSimu
Entries 0
16
14
12
10
8
6
4
2
0
0 2 4 6 8 10 12 14 16

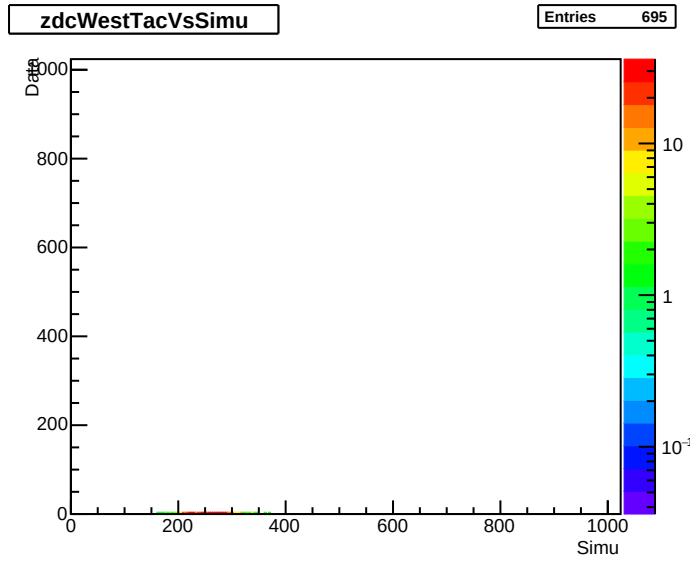

vpdWestTacSum
Entries 23136
10^4
10^3
10^2
0 10000 20000 30000 40000 50000 60000

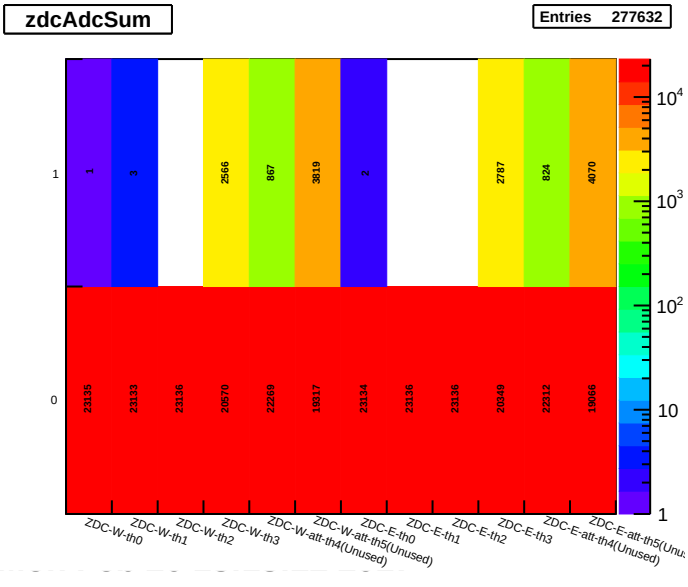

vpdWestTacSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0 10000 20000 30000 40000 50000 60000
Simu

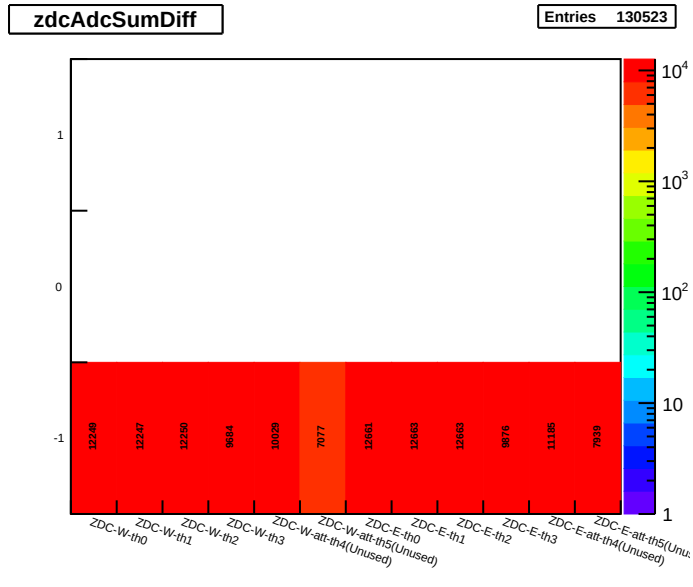

zdcEastTac
Entries 23136

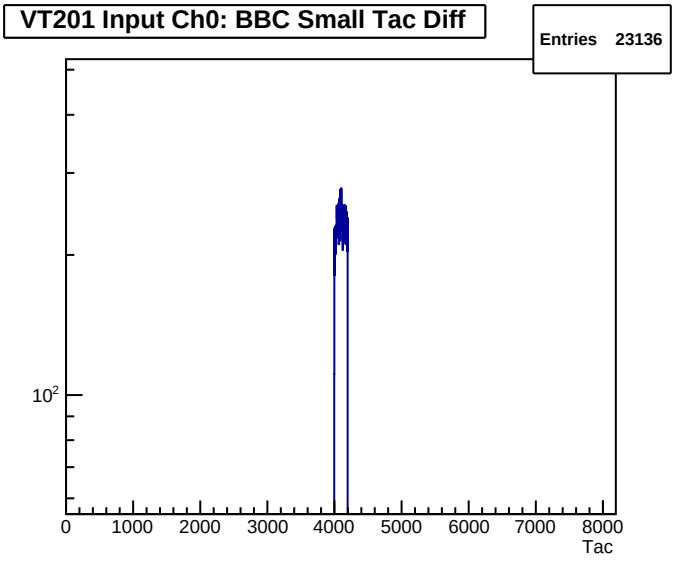

zdcEastTacVsSimu
Entries 822
Data
Simu

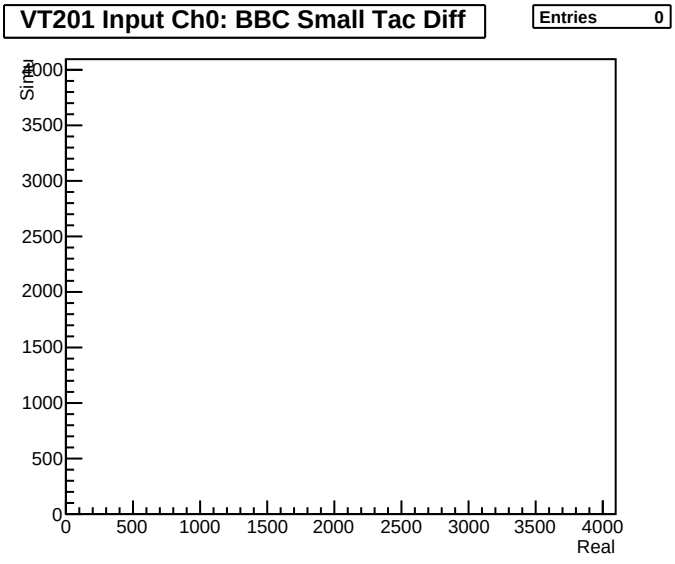

zdcWestTac
Entries 23136

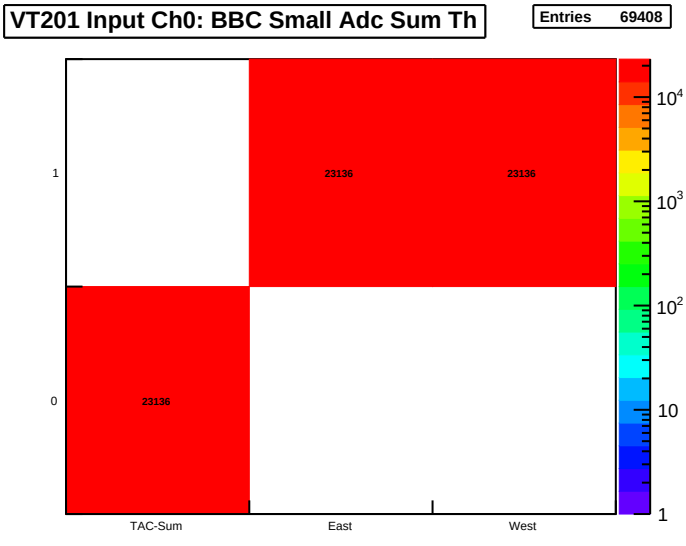

zdcWestTacVsSimu
Entries 695
Data
Simu

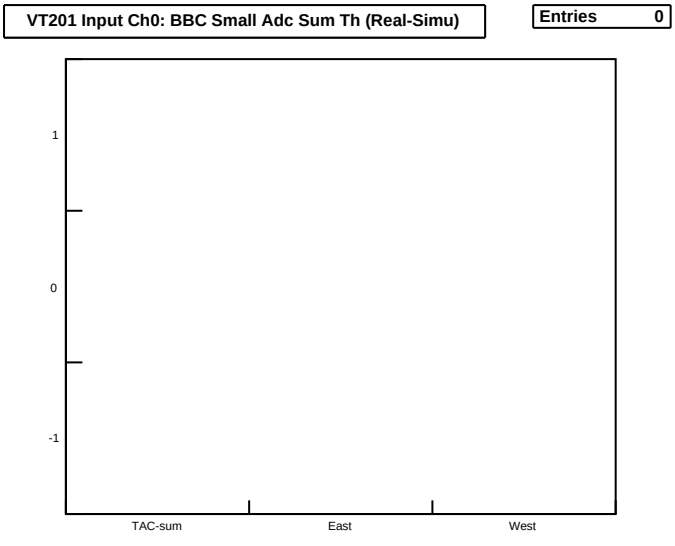

zdcAdcSum
Entries 277632
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

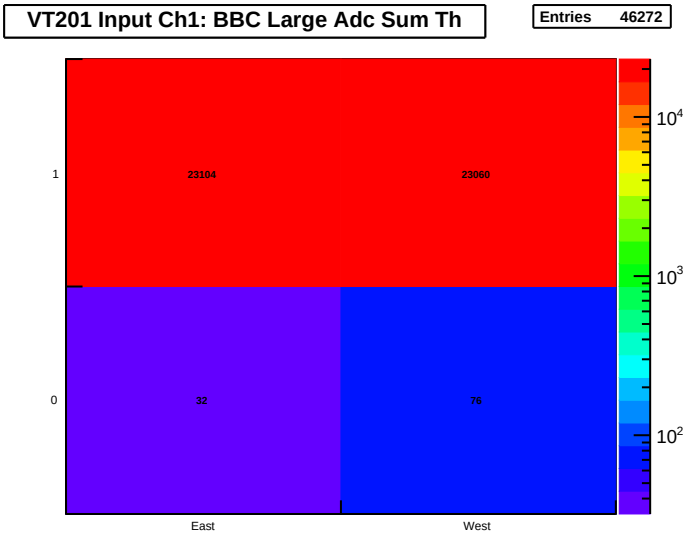

zdcAdcSumDiff
Entries 130523
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

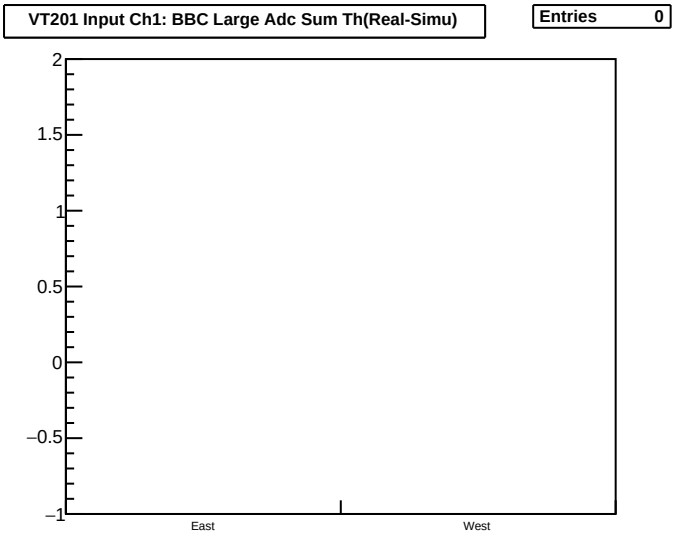

VT201 Input Ch0: BBC Small Tac Diff
Entries 23136
10^2
0 1000 2000 3000 4000 5000 6000 7000 8000
Tac


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

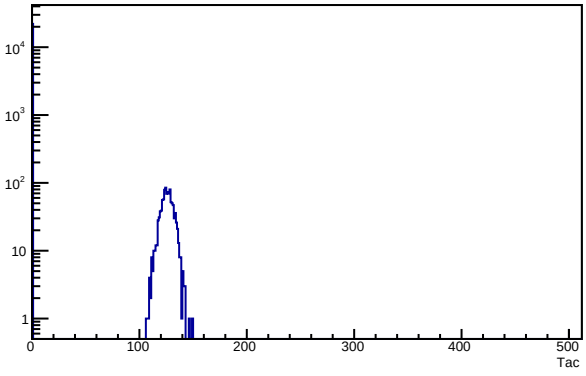

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 69408
1
0
23136
23136
23136
TAC-Sum
East
West
10^4
10^3
10^2
10
1


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

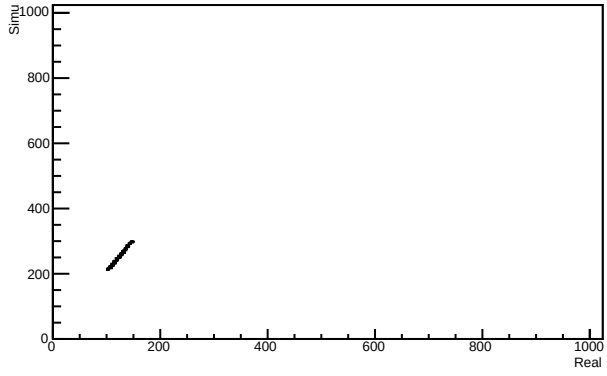

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 46272
1
0
23104
23060
32
76
East
West
10^4
10^3
10^2


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

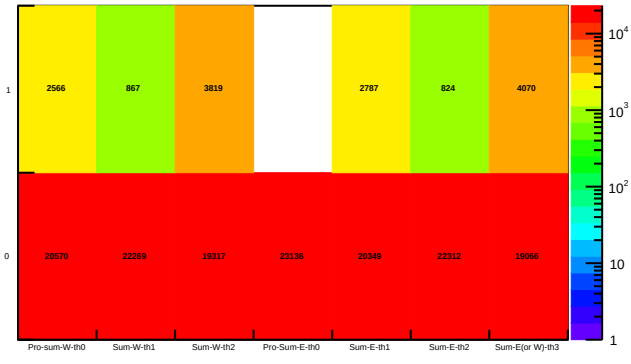
VT201 Input Ch2: ZDC Tac Diff



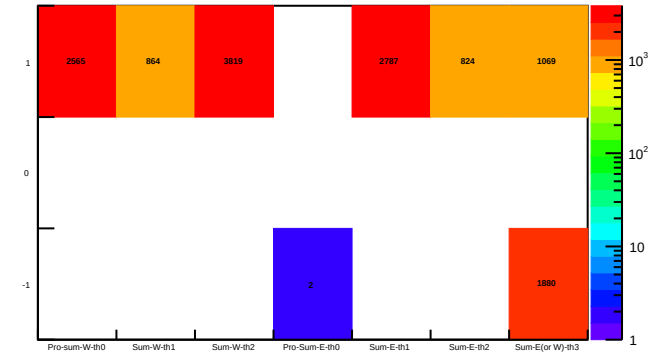
VT201 Input Ch2: ZDC Tac Diff



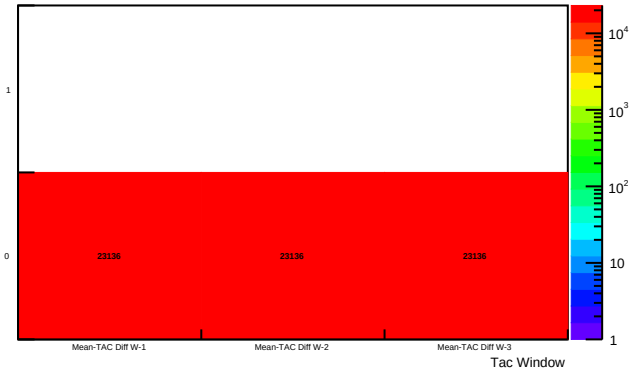
VT201 Input Ch2: ZDC Adc Sum Th



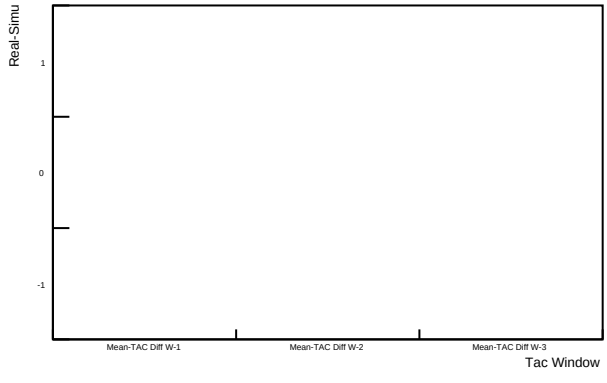
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



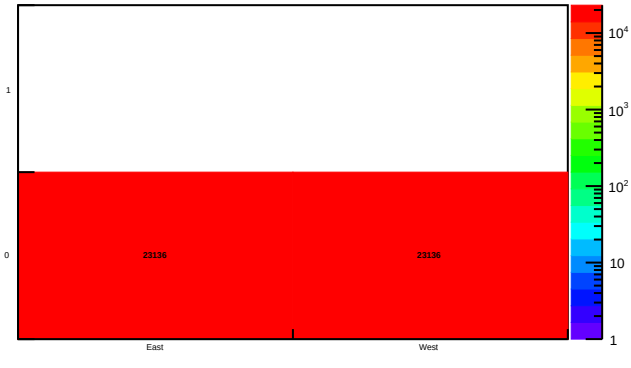
VT201 Input Ch4: VPD Tac Diff



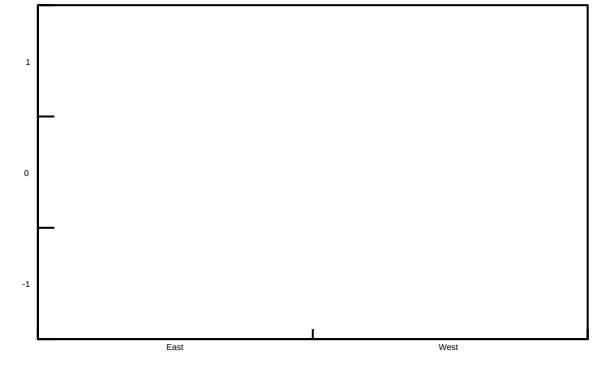
VT201 Input Ch4: VPD Tac Diff

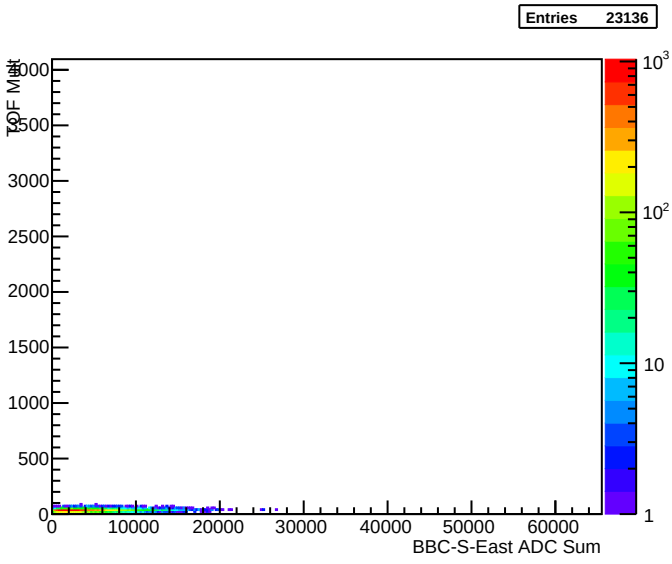


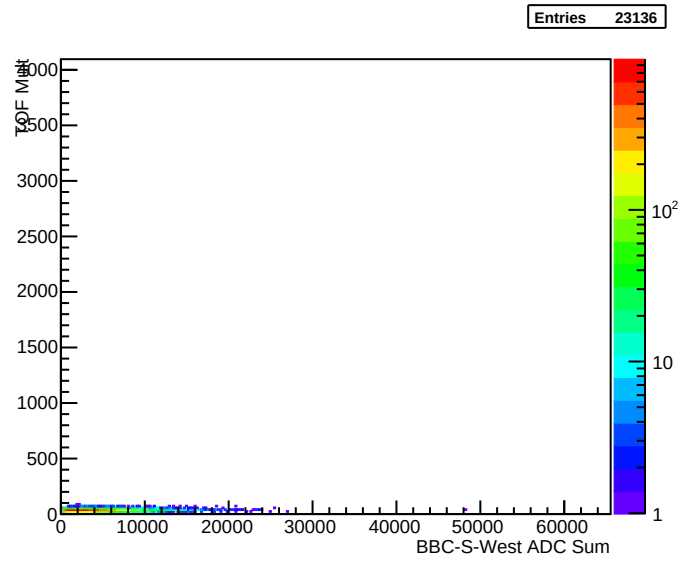
VT201 Input Ch4: VPD Adc Sum Th

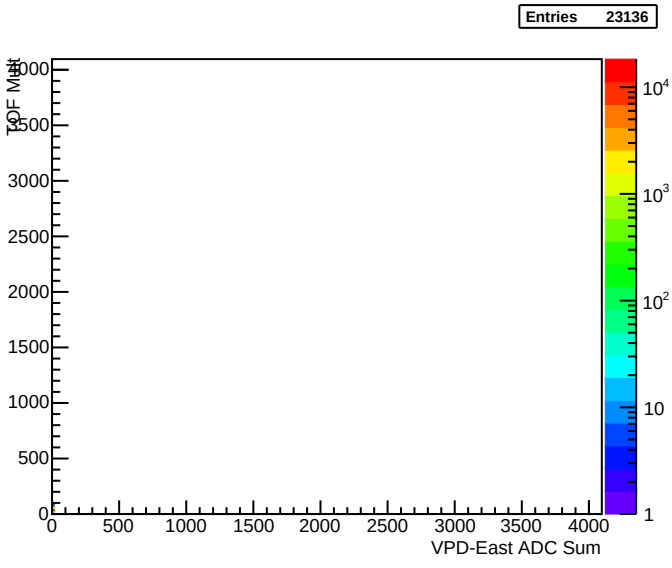


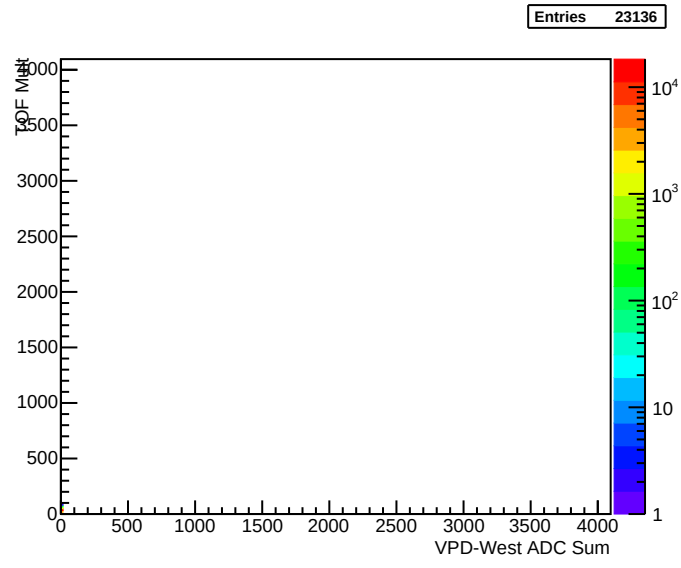
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

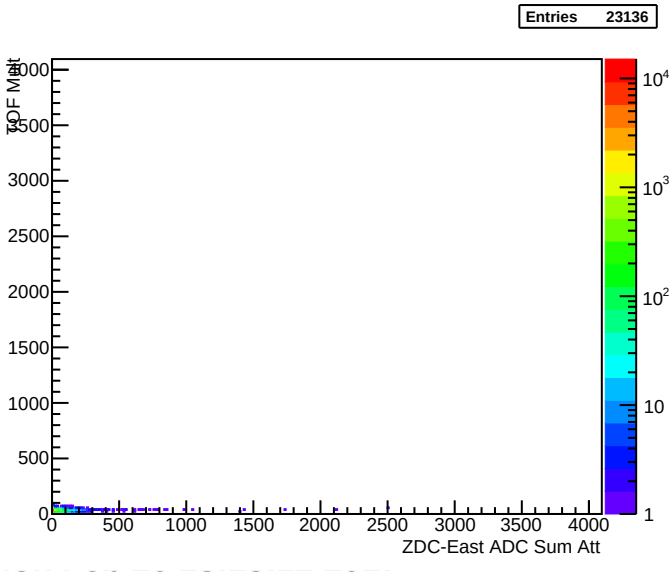


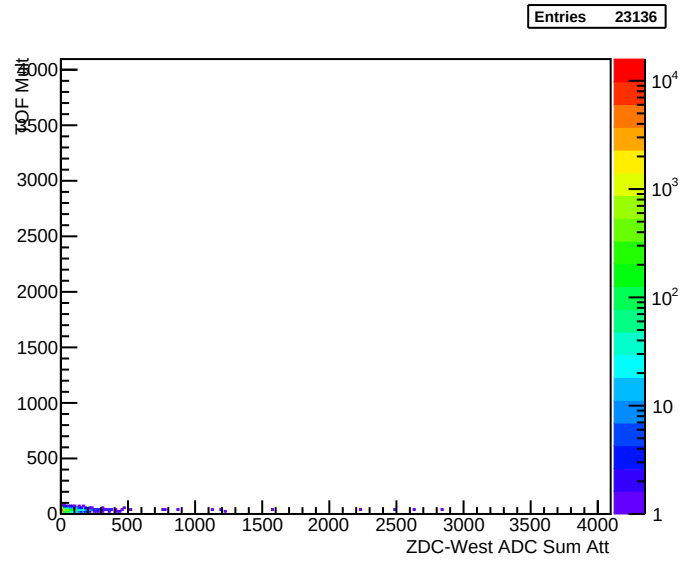

Entries 23136
TOF Mult
BBC-S-East ADC Sum

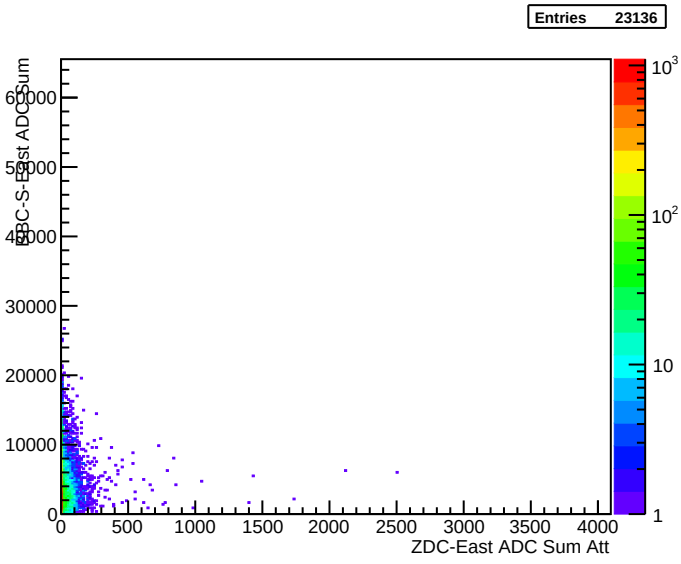

Entries 23136
TOF Mult
BBC-S-West ADC Sum

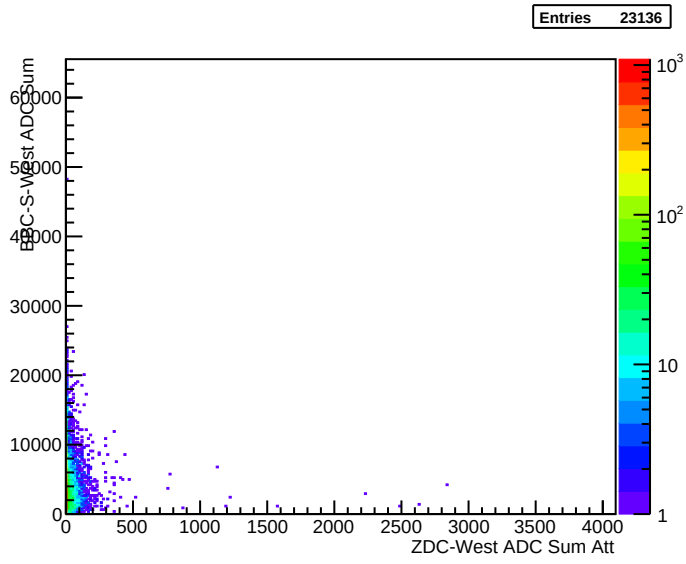

Entries 23136
TOF Mult
VPD-East ADC Sum

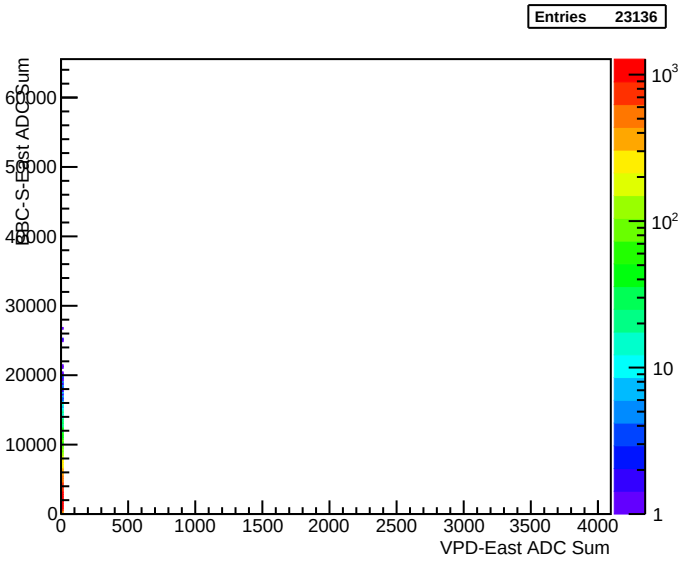

Entries 23136
TOF Mult
VPD-West ADC Sum

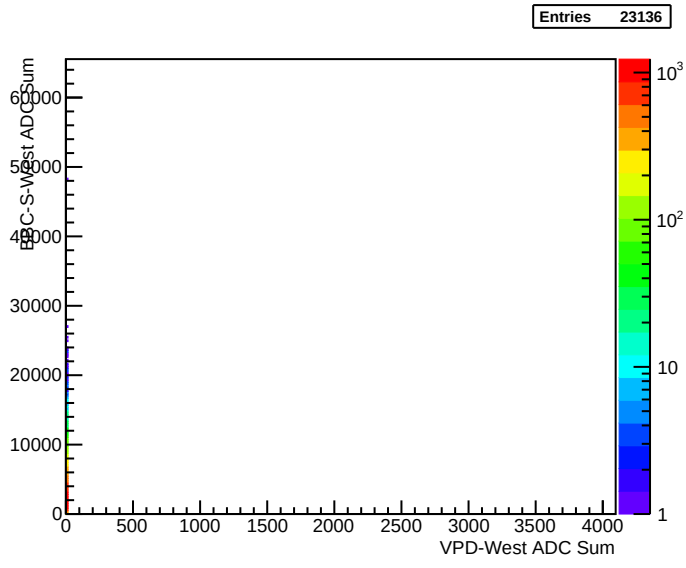

Entries 23136
TOF Mult
ZDC-East ADC Sum Att

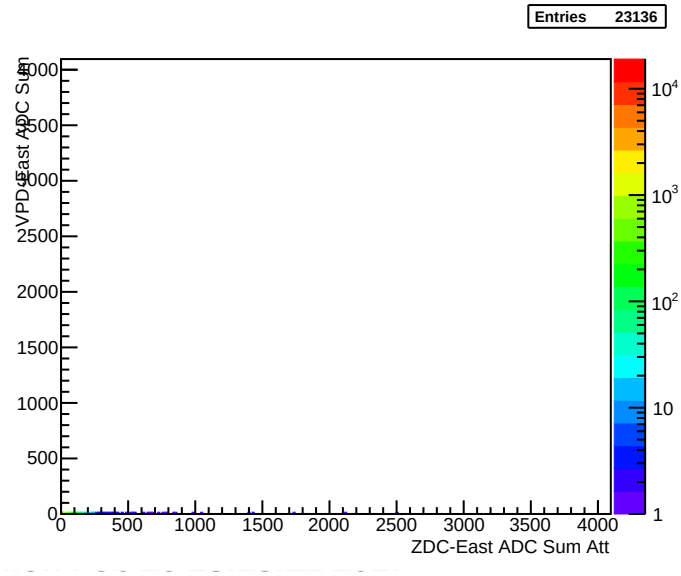

Entries 23136
TOF Mult
ZDC-West ADC Sum Att

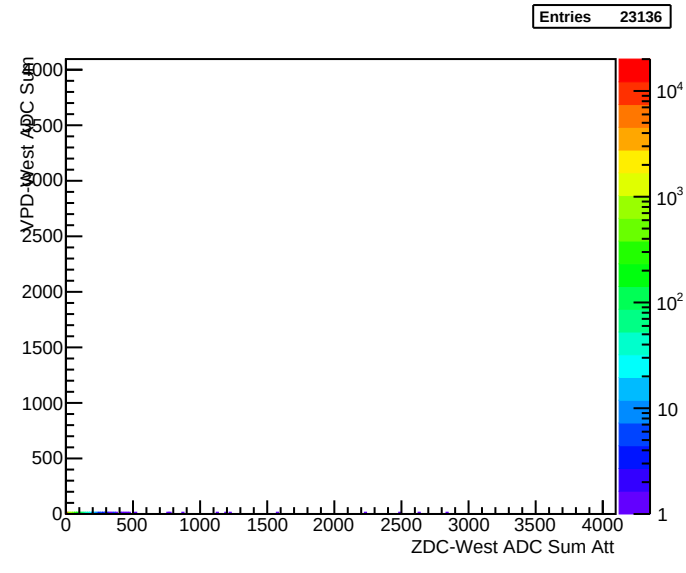

Entries 23136
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

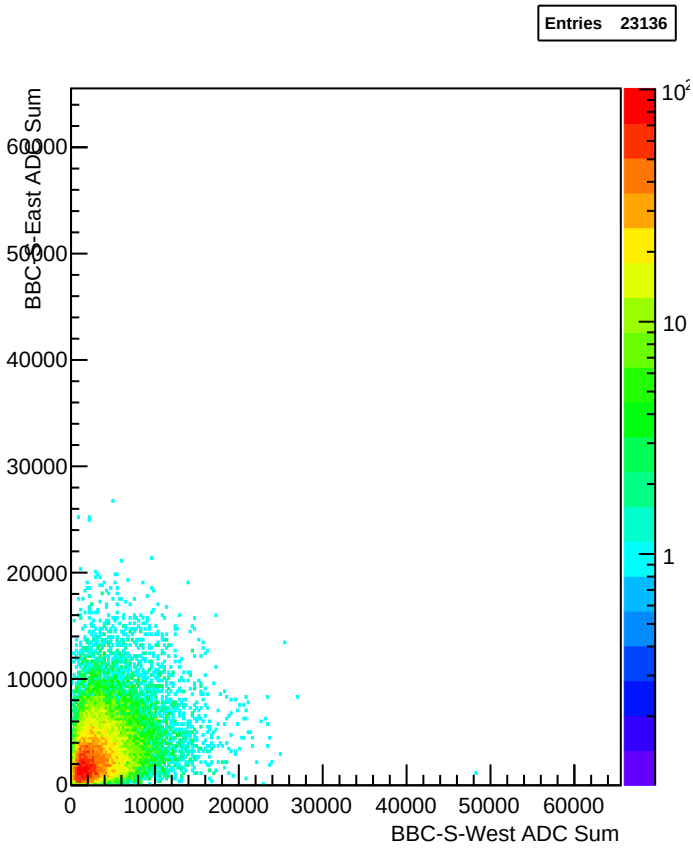

Entries 23136
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

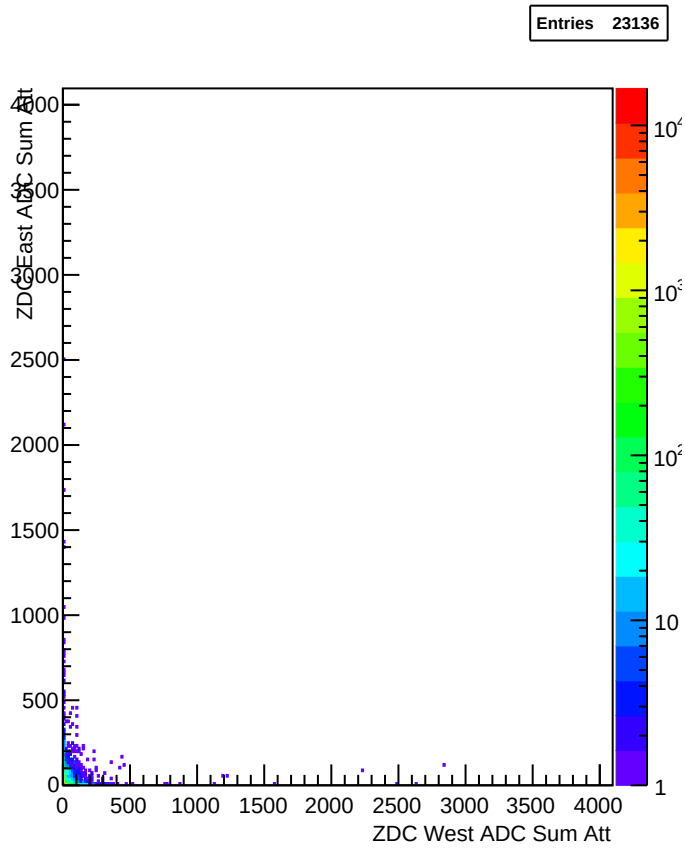

Entries 23136
BBC-S-East ADC Sum
VPD-East ADC Sum

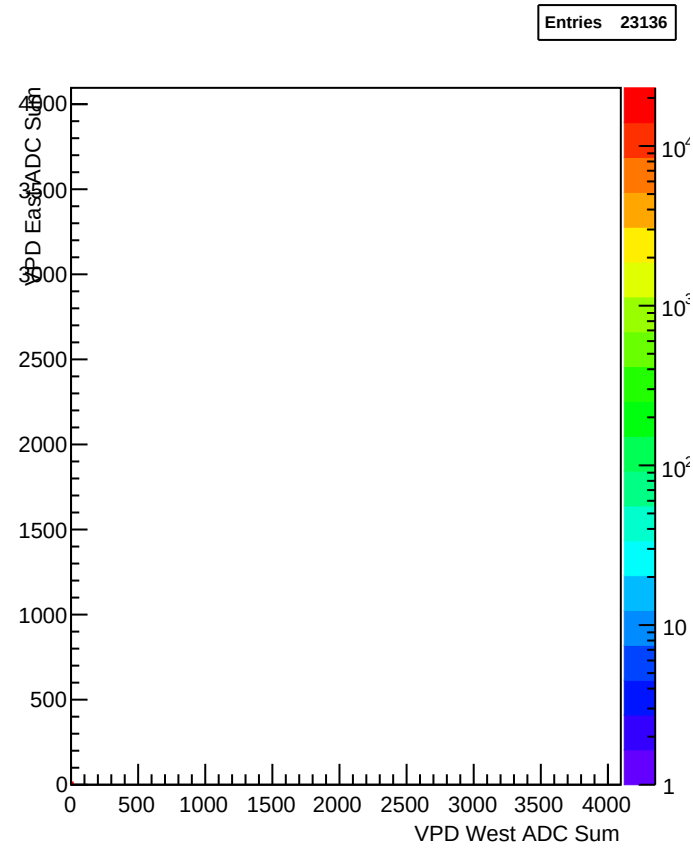

Entries 23136
BBC-S-West ADC Sum
VPD-West ADC Sum

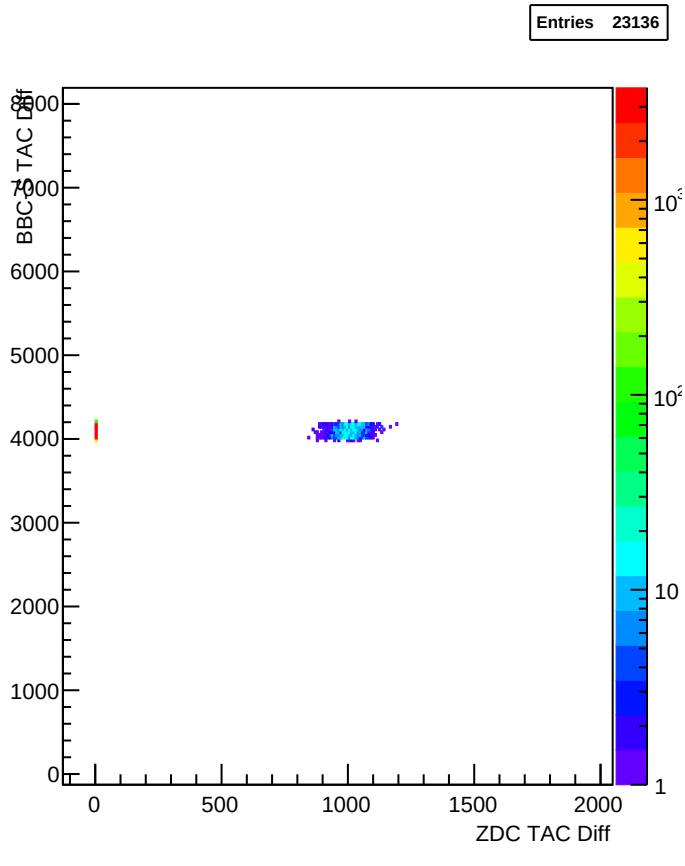

Entries 23136
VPD-East ADC Sum
ZDC-East ADC Sum Att

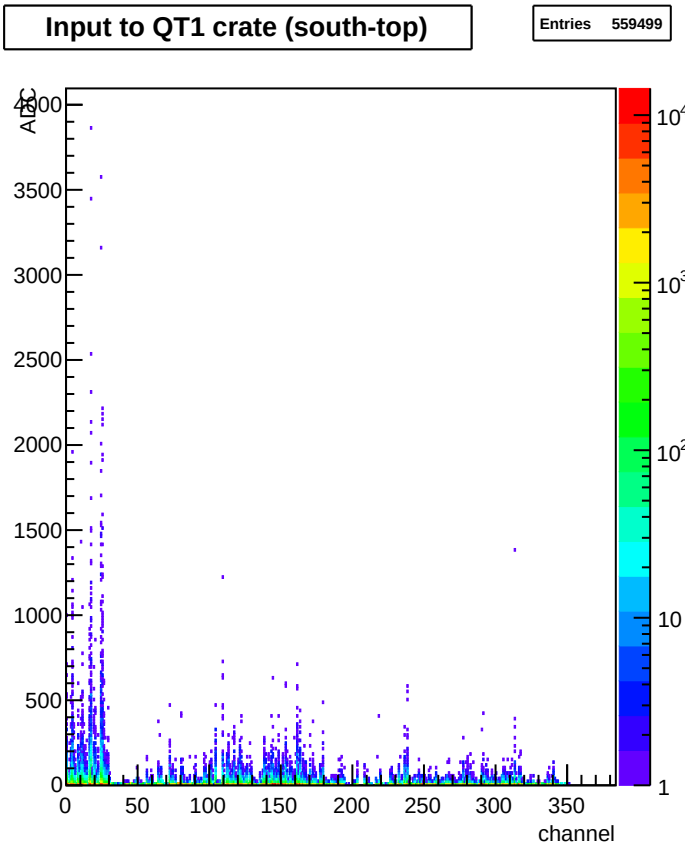

Entries 23136
VPD-West ADC Sum
ZDC-West ADC Sum Att

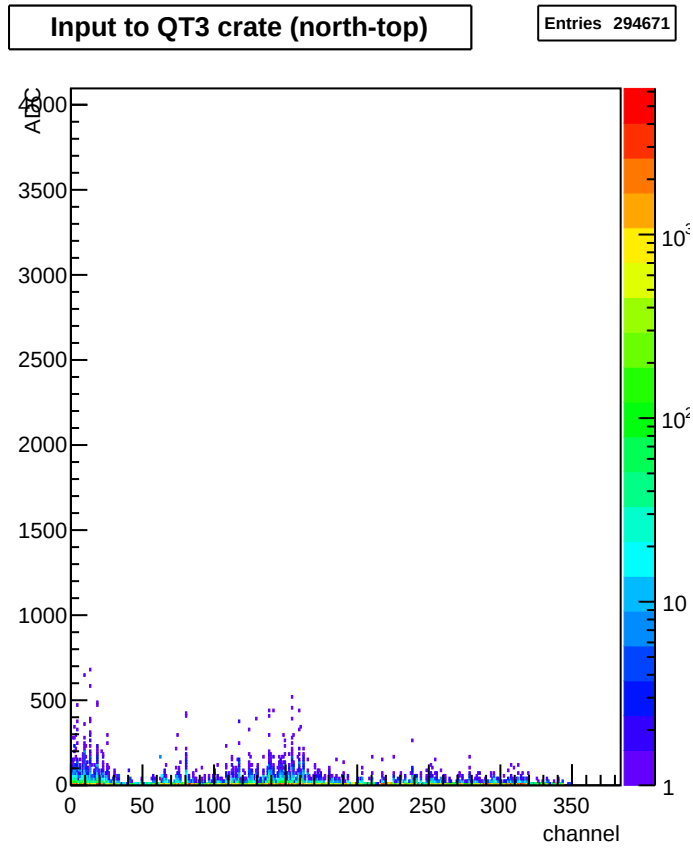

Entries 23136
BBC-S-East ADC Sum
BBC-S-West ADC Sum

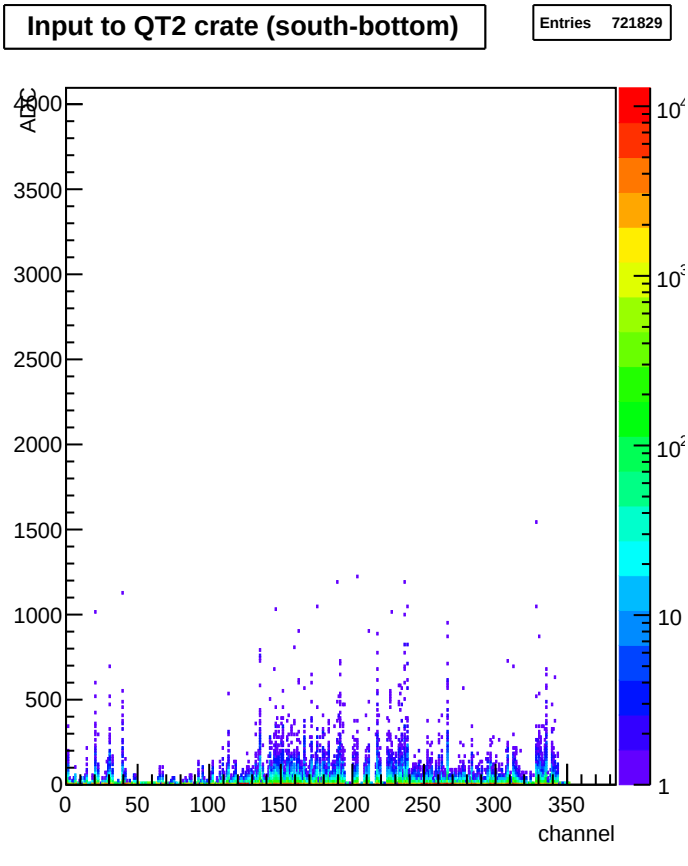

Entries 23136
ZDC East ADC Sum Att
ZDC West ADC Sum Att

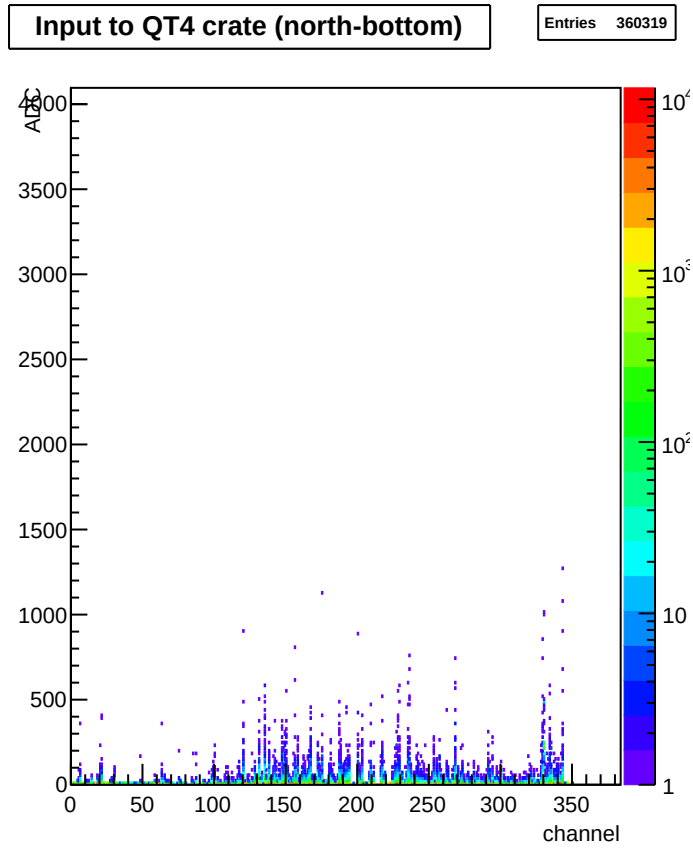

Entries 23136
VPD East ADC Sum
VPD West ADC Sum

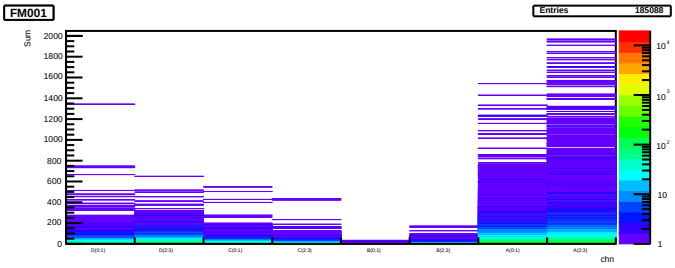

Entries 23136
BBC-S TAC Diff
ZDC TAC Diff

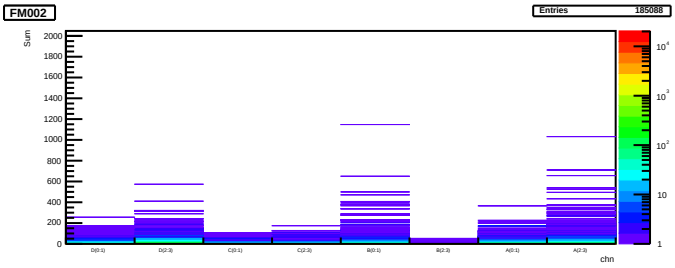

Input to QT1 crate (south-top)
Entries 559499
ADC
channel

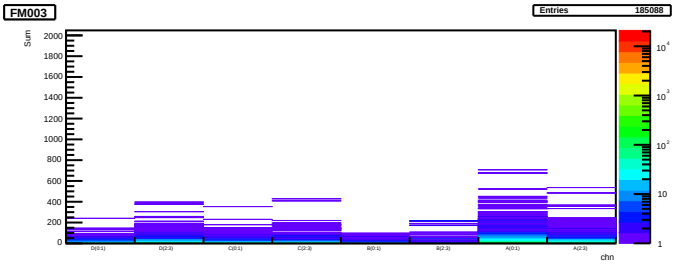

Input to QT3 crate (north-top)
Entries 294671
ADC
channel

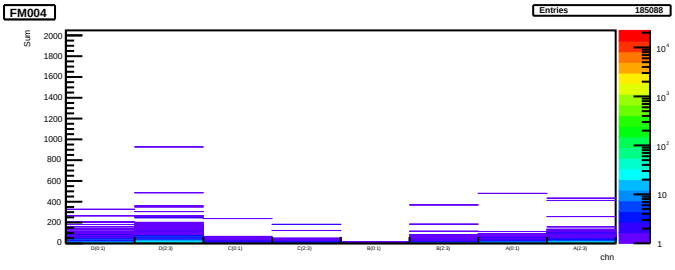

Input to QT2 crate (south-bottom)
Entries 721829
ADC
channel

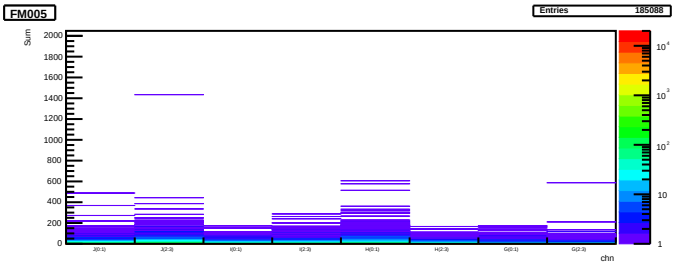

Input to QT4 crate (north-bottom)
Entries 360319
ADC
channel

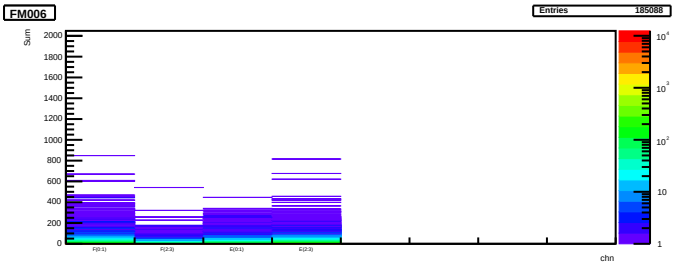

FM001
Entries 185088
Sum
chn

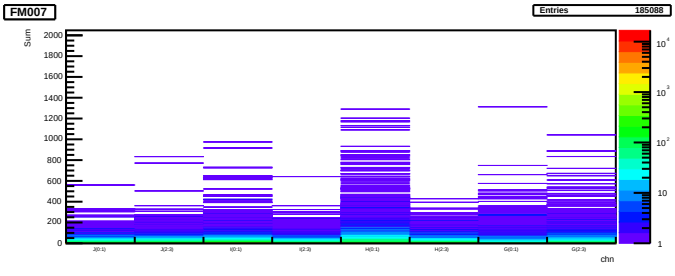

FM002
Entries 185088
Sum
chn

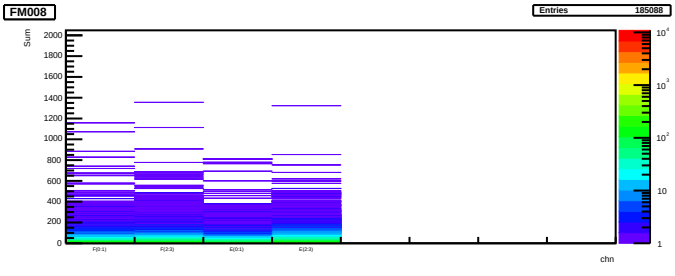

FM003
Entries 185088
Sum
chn

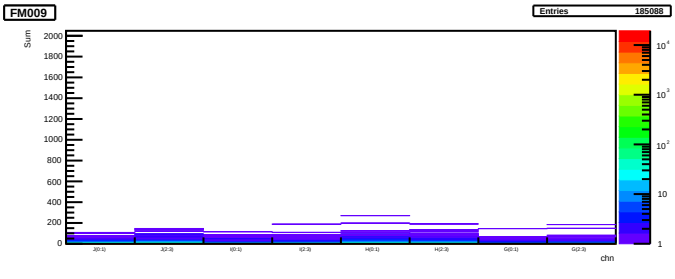

FM004
Entries 185088
Sum
chn

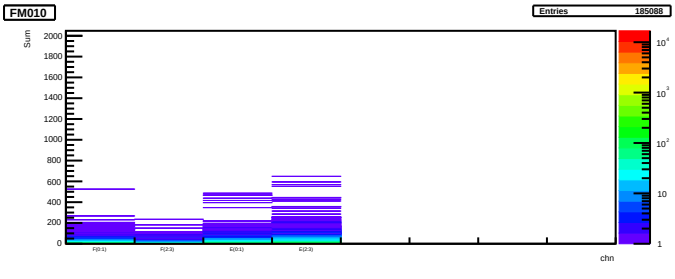

FM005
Entries 185088
Sum
chn

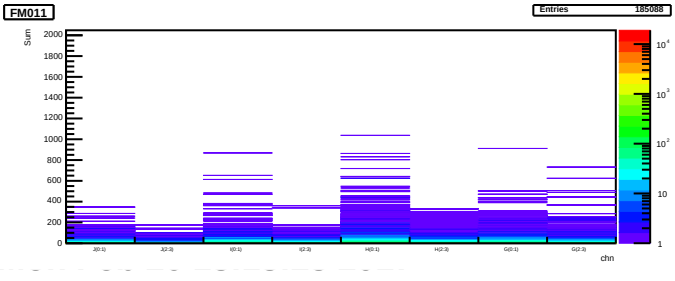

FM006
Entries 185088
Sum
chn

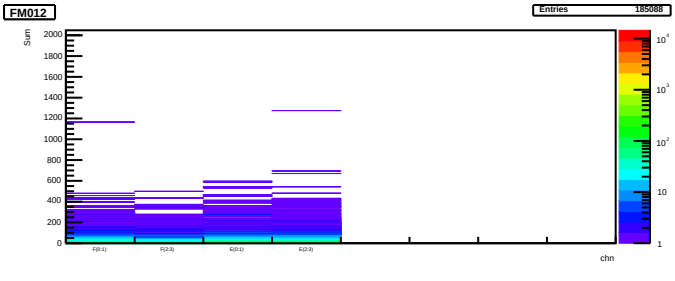

FM007
Entries 185088
Sum
chn

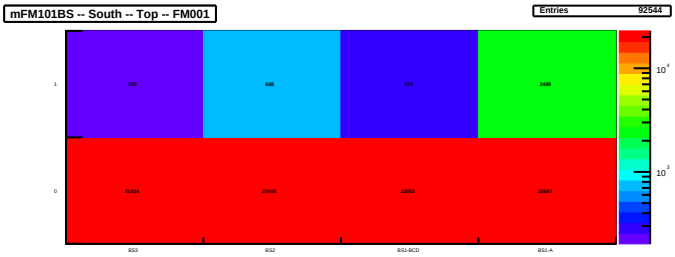

FM008
Entries 185088
Sum
chn

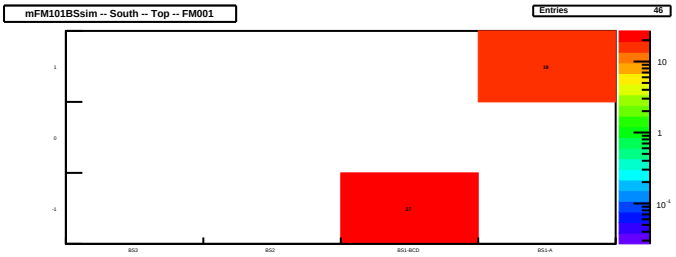

FM009
Entries 185088
Sum
chn


FM010
Entries 185088
Sum
chn


FM011
Entries 185088
Sum
chn


FM012
Entries 185088
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 92544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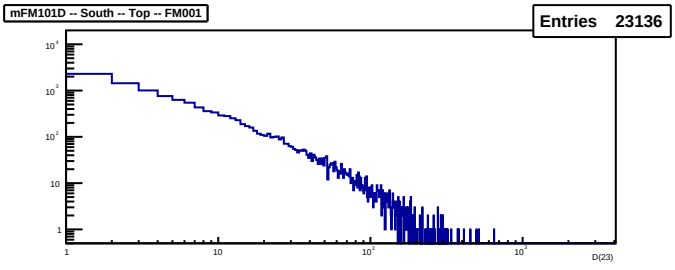
Entries 46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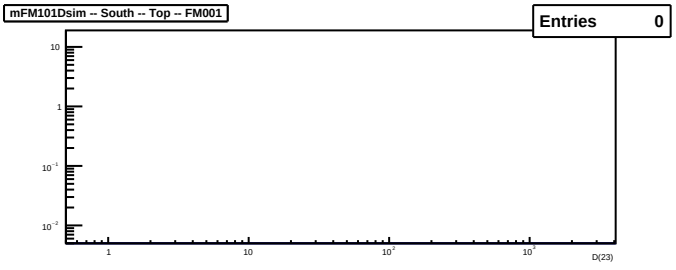
Entries 23136
D(23)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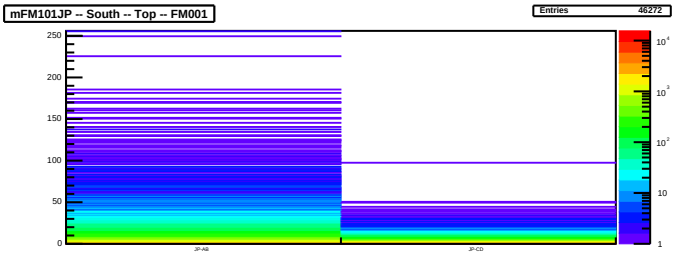
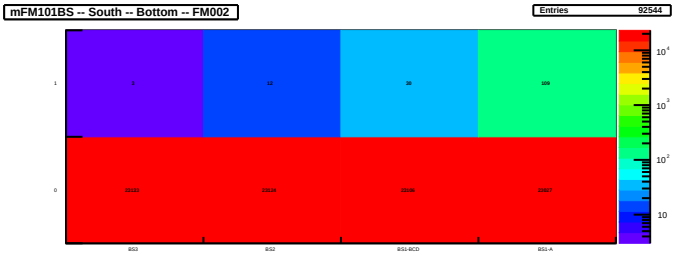
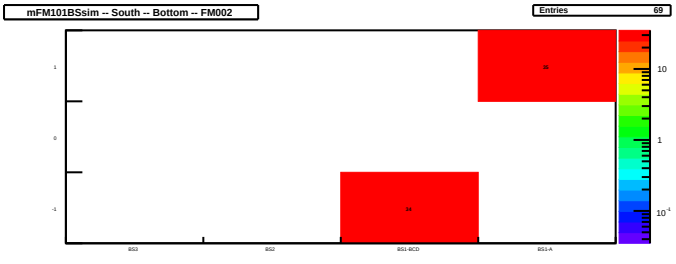
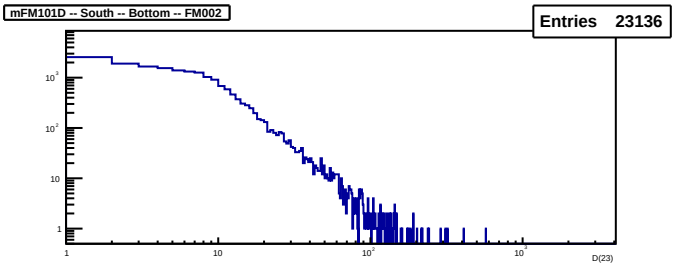
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 46272

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


mFM101BS -- South -- Bottom -- FM002
Entries 92544


mFM101BSsim -- South -- Bottom -- FM002
Entries 69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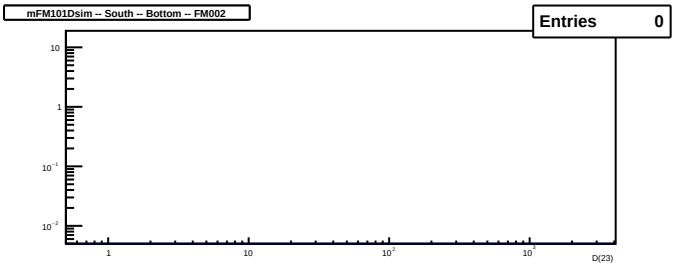
Entries 23136
D(23)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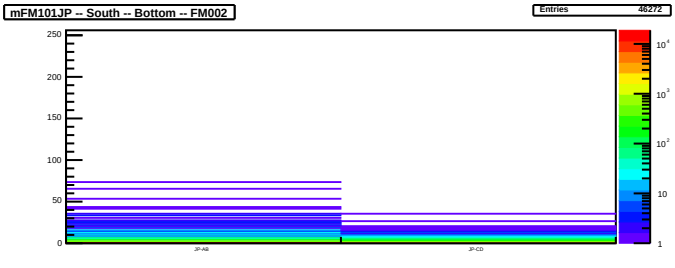
Entries 0
D(23)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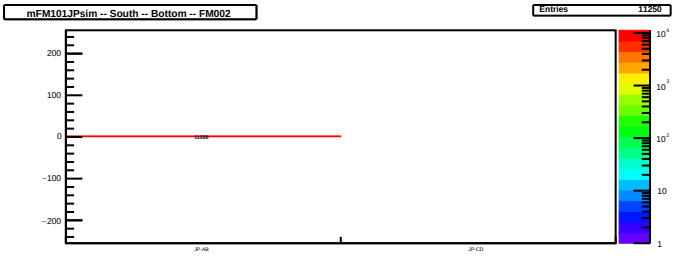
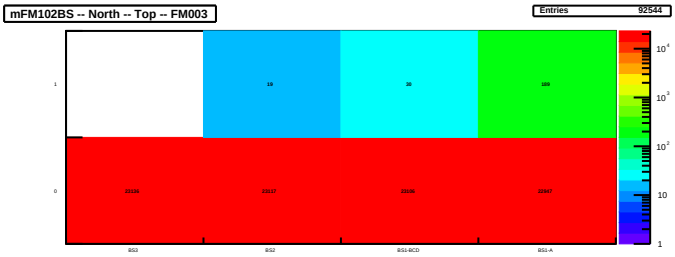
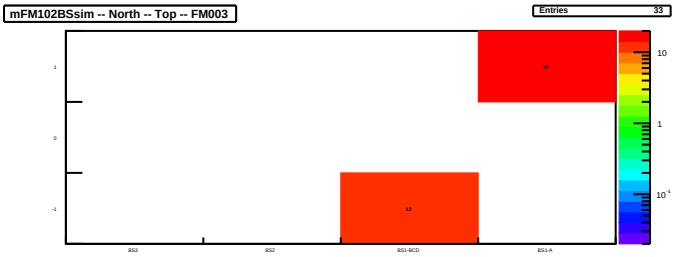
Entries 46272


mFM101JPsim -- South -- Bottom -- FM002
Entries 11250


mFM102BS -- North -- Top -- FM003
Entries 92544
19
36
169
23136
23117
23106
22847
BS3
BS2
BS1-BCD
BS1-A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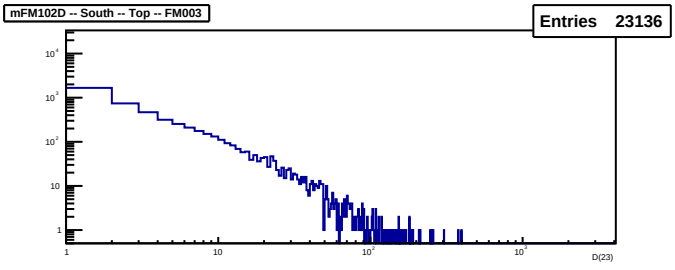
Entries 33
20
13
BS3
BS2
BS1-BCD
BS1-A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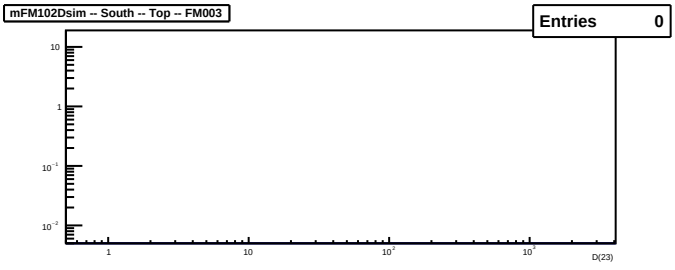
Entries 23136
D(23)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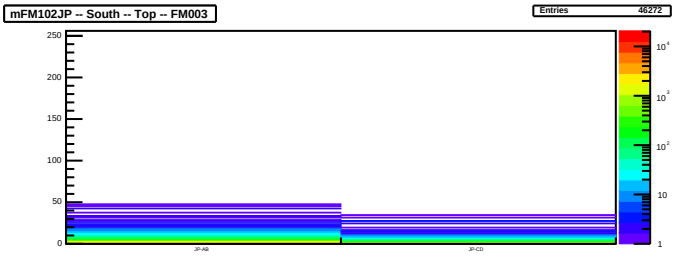
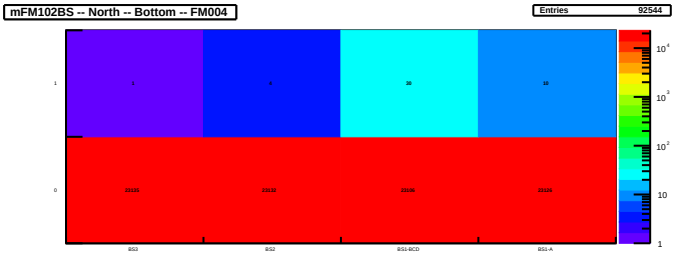
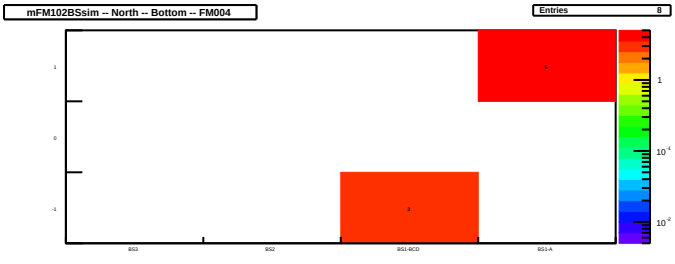
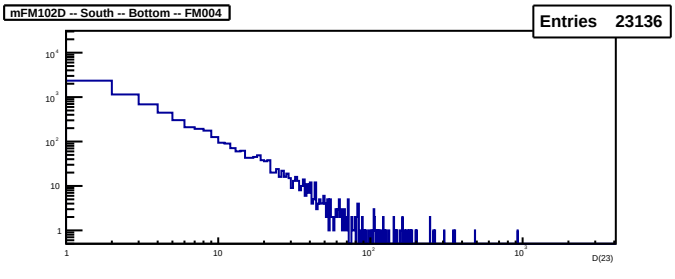
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 46272
JP-AB
JP-CD

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


mFM102BS -- North -- Bottom -- FM004
Entries 92544
1
4
36
16
23135
23132
23106
23126
BS3
BS2
BS1-BCD
BS1-A


mFM102BSsim -- North -- Bottom -- FM004
Entries 8
5
3
BS3
BS2
BS1-BCD
BS1-A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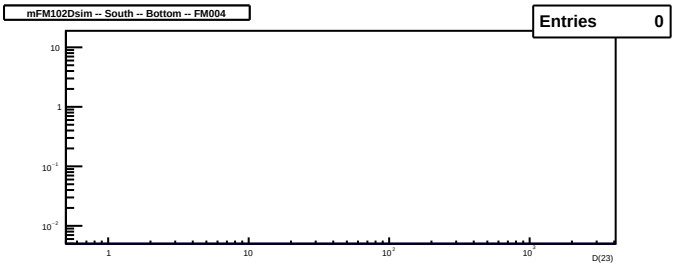
Entries 23136
D(23)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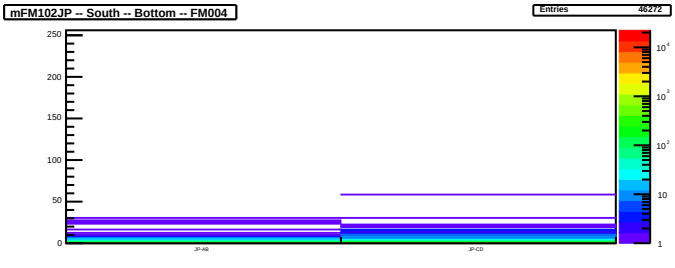
Entries 0
D(23)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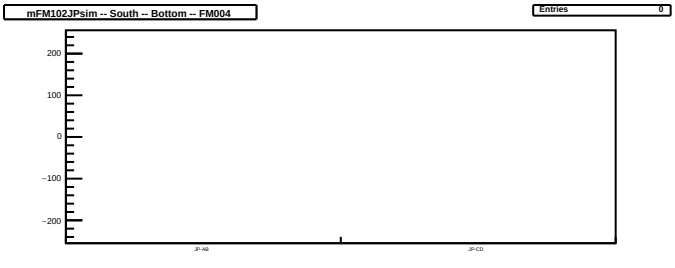
Entries 46272
JP-AB
JP-CD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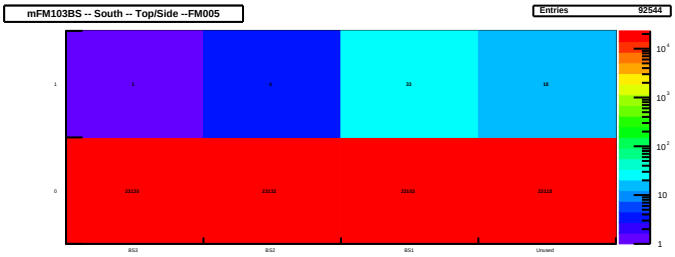
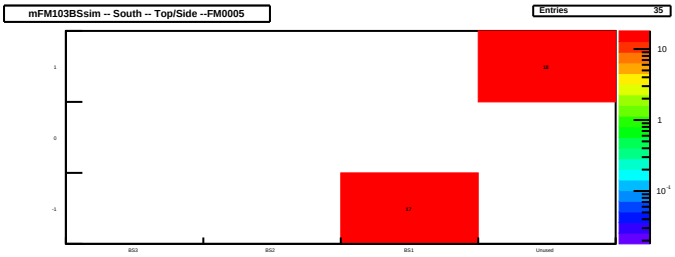
Entries 0
JP-AB
JP-CD


mFM103BS -- South -- Top/Side --FM005
Entries 92544
BS3
BS2
BS1
Unused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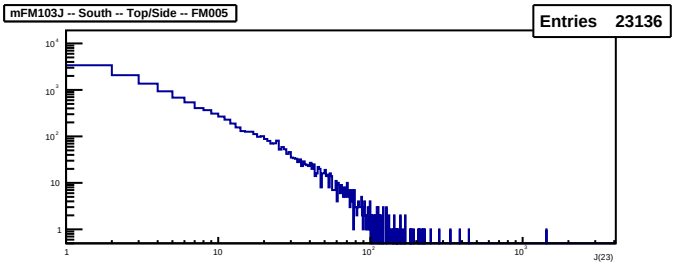
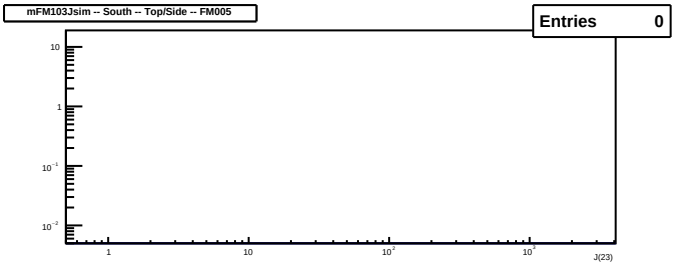
Entries 35
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 23136
J(23)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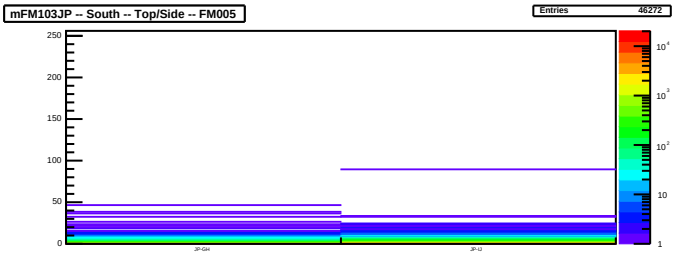
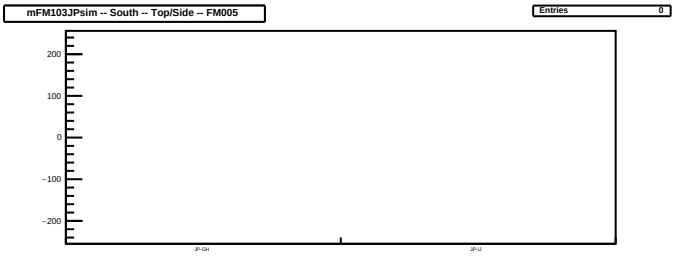
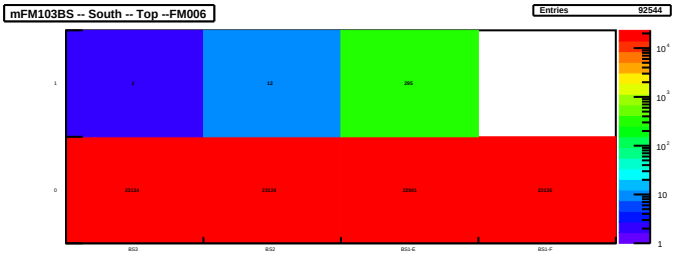
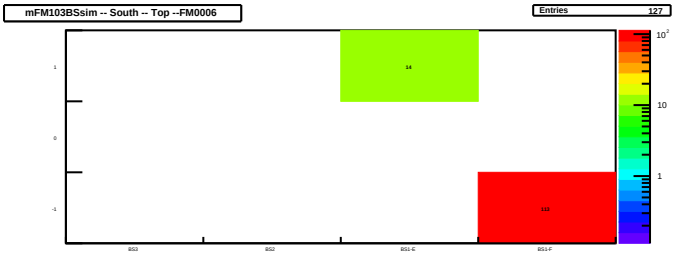
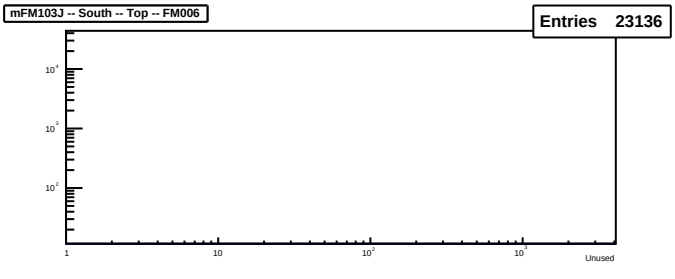
Entries 0
J(23)

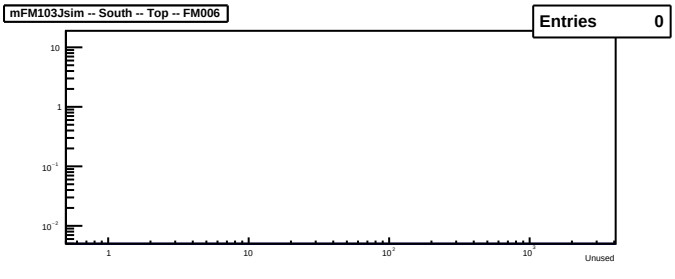

mFM103JP -- South -- Top/Side -- FM005
Entries 46272
JP-GH
JP-IJ


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


mFM103BS -- South -- Top --FM006
Entries 92544
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 127
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 23136
Unused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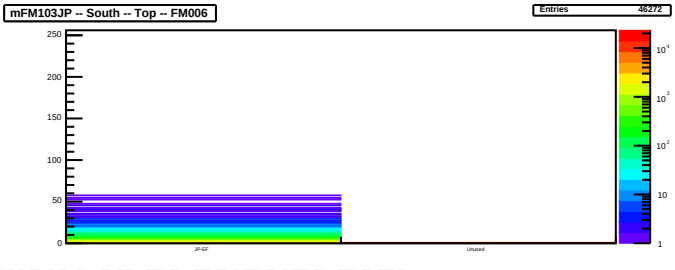
Entries 0
Unused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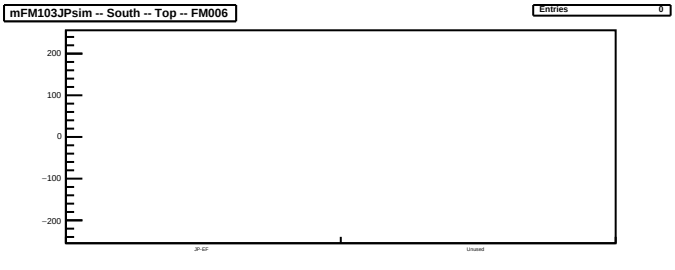
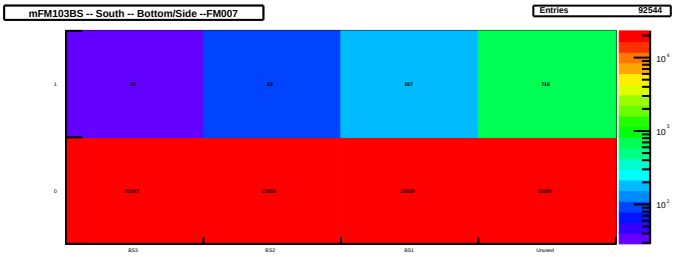
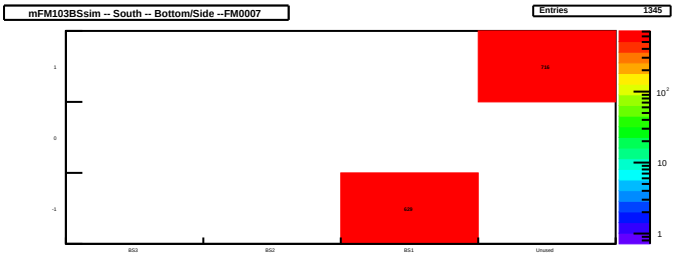
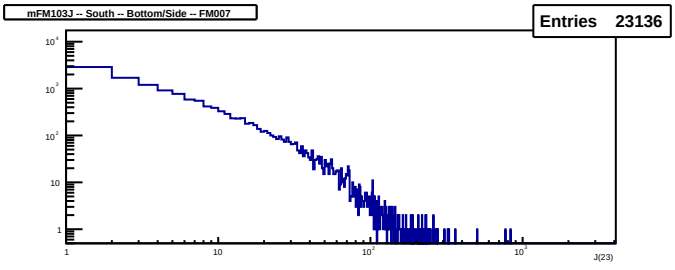
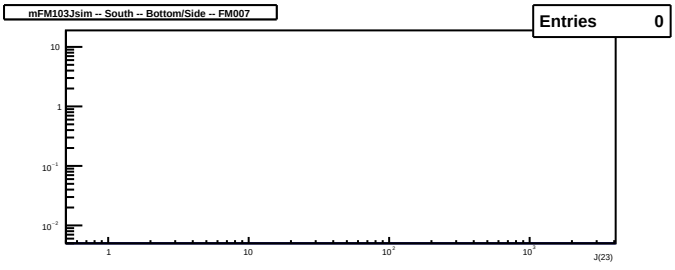
Entries 46272
JP-EF
Unused


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


mFM103BS -- South -- Bottom/Side --FM007
Entries 92544
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 1345
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 23136
J(23)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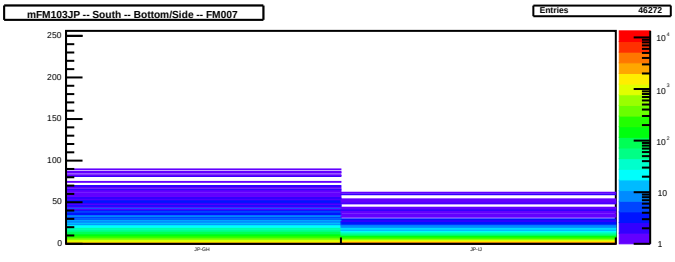
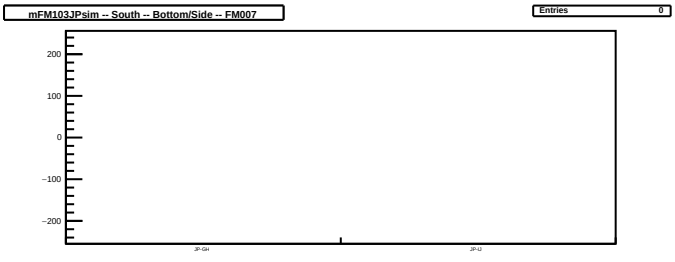
Entries 0
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 46272
JP-GH
JP-IJ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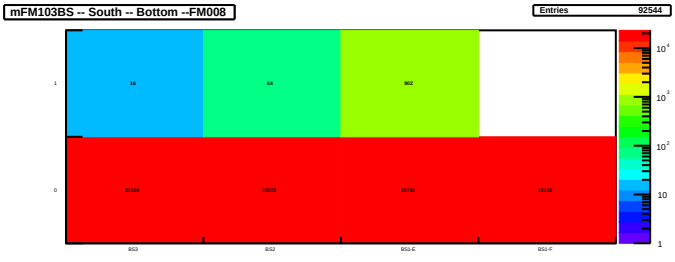
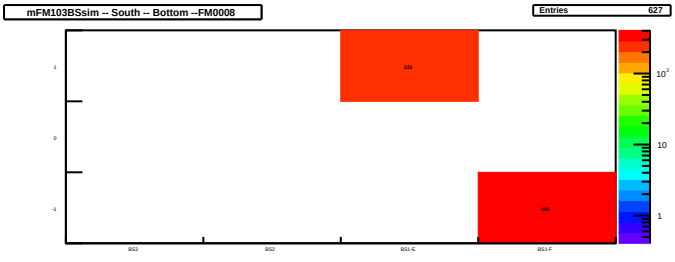
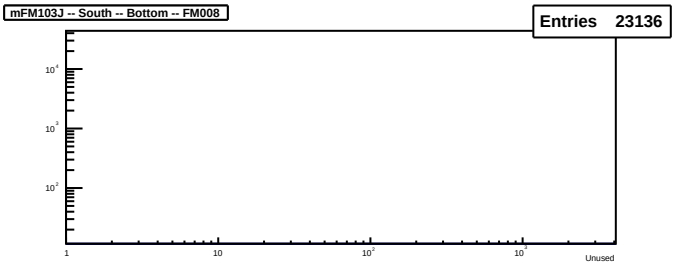
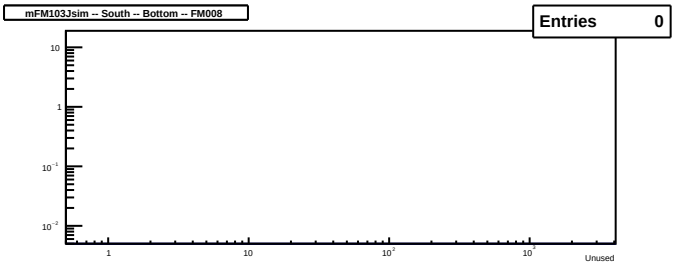
Entries 0
JP-GH
JP-IJ


mFM103BS -- South -- Bottom --FM008
Entries 92544
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 627
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 23136
Unused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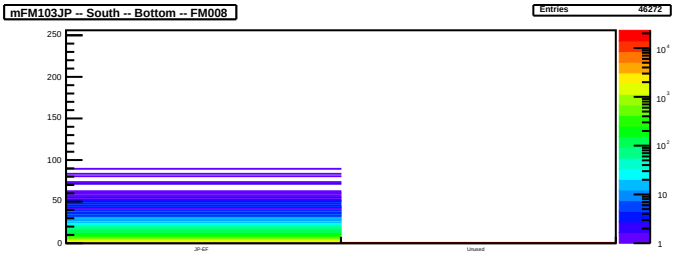
Entries 0
Unused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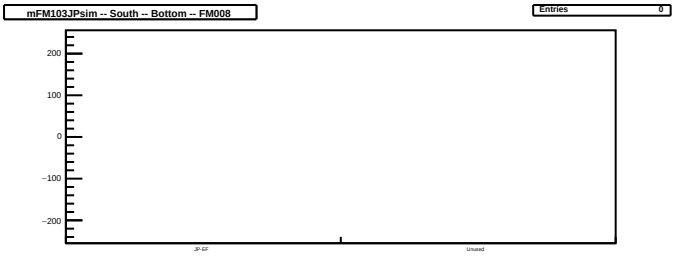
Entries 46272
JP-EF
Unused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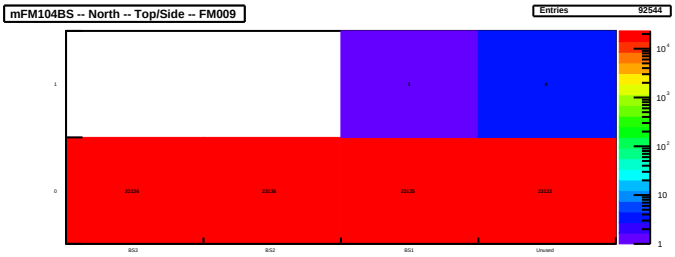
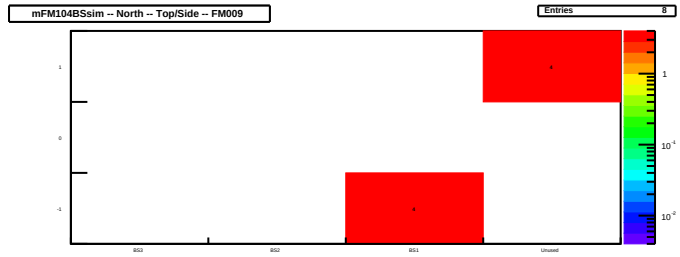
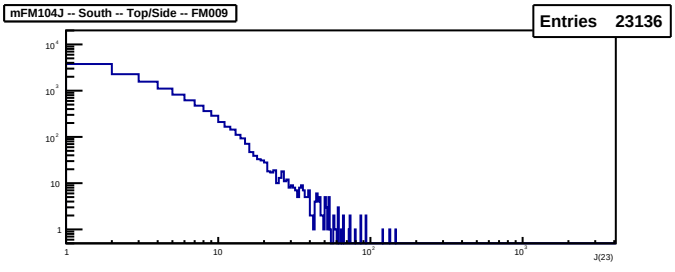
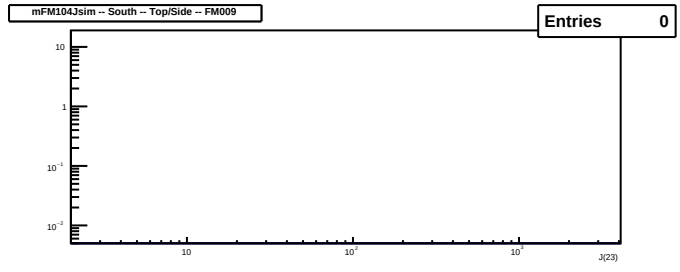
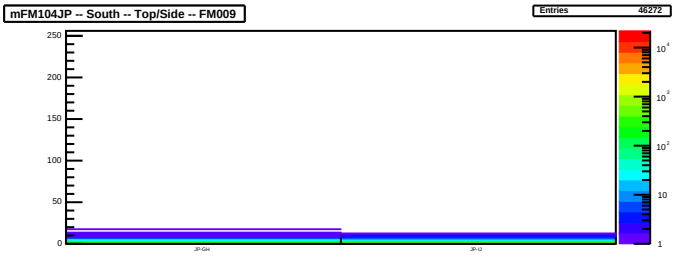
Entries 0
JP-EF
Unused

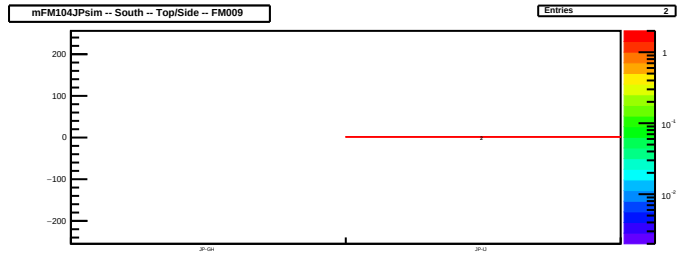

mFM104BS -- North -- Top/Side -- FM009
Entries 92544
BS3
BS2
BS1
Unused

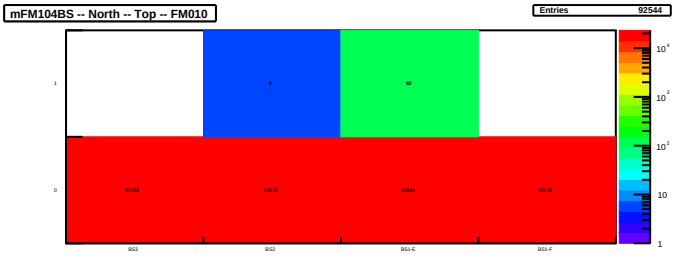

mFM104BSsim -- North -- Top/Side -- FM009
Entries 8
BS3
BS2
BS1
Unused

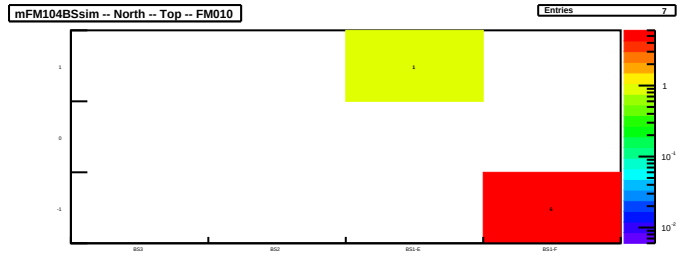

mFM104J -- South -- Top/Side -- FM009
Entries 23136
J(23)

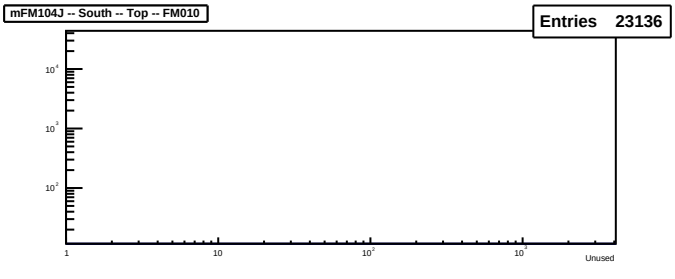

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

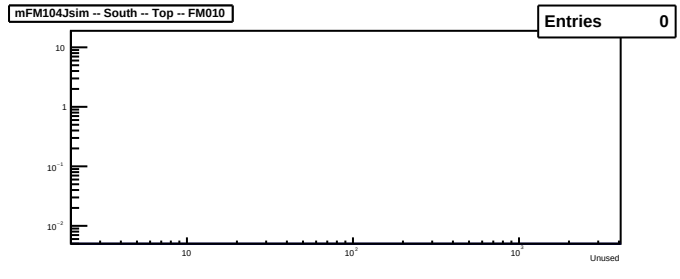

mFM104JP -- South -- Top/Side -- FM009
Entries 46272
JP-GH
JP-IJ

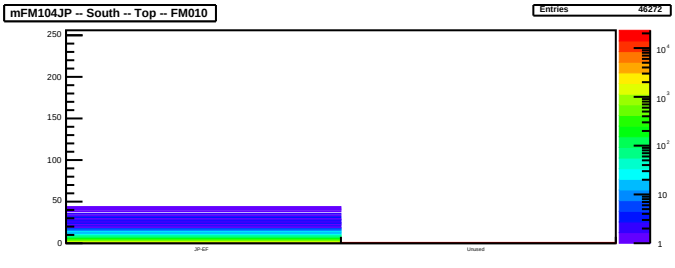

mFM104JPsim -- South -- Top/Side -- FM009
Entries 2
JP-GH
JP-IJ


mFM104BS -- North -- Top -- FM010
Entries 92544
BS3
BS2
BS1-E
BS1-F

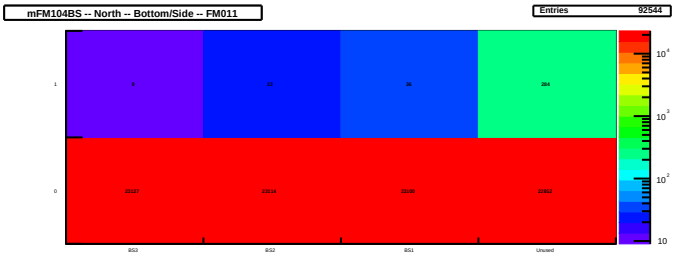

mFM104BSsim -- North -- Top -- FM010
Entries 7
BS3
BS2
BS1-E
BS1-F

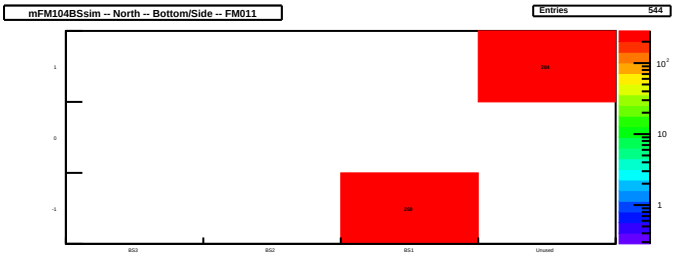

mFM104J -- South -- Top -- FM010
Entries 23136
Unused

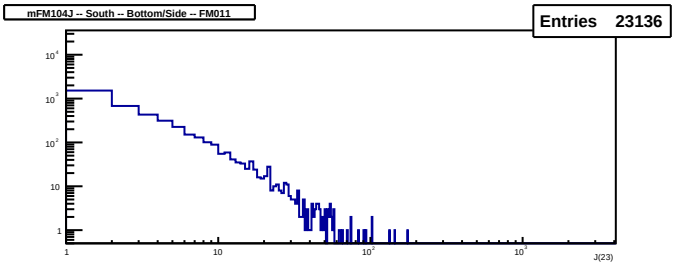

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

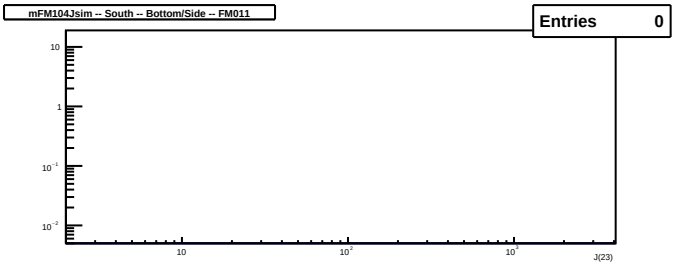

mFM104JP -- South -- Top -- FM010
Entries 46272
JP-EF
Unused

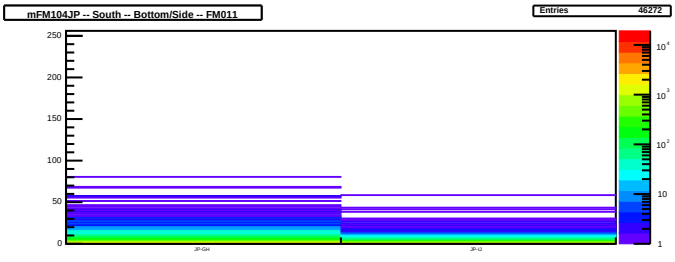
mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

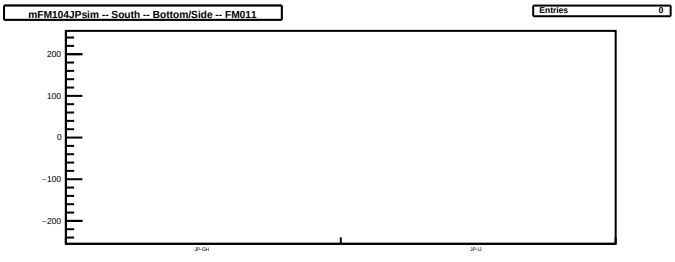

mFM104BS -- North -- Bottom/Side -- FM011
Entries 92544
BS3
BS2
BS1
Unused

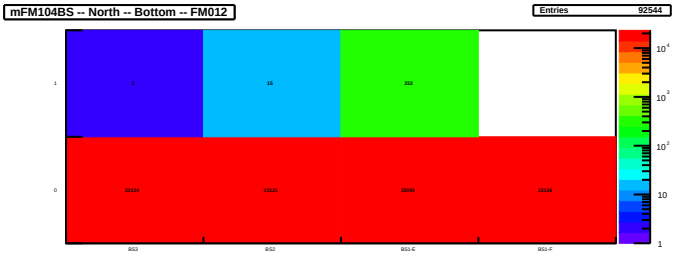

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 544
BS3
BS2
BS1
Unused

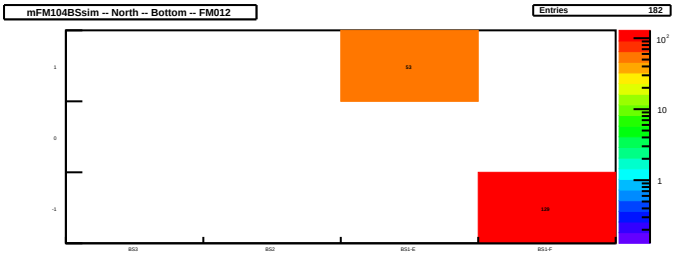

mFM104J -- South -- Bottom/Side -- FM011
Entries 23136
J(23)

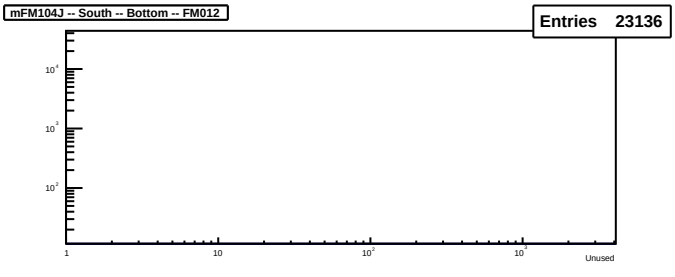

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

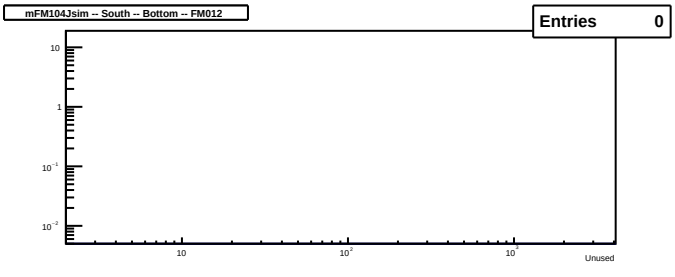

mFM104JP -- South -- Bottom/Side -- FM011
Entries 46272
JP-GH
JP-U

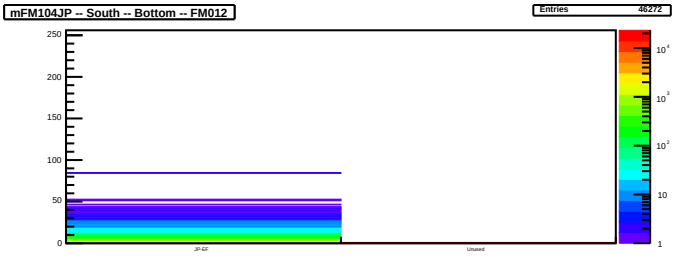

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-U


mFM104BS -- North -- Bottom -- FM012
Entries 92544
BS3
BS2
BS1-E
BS1-F

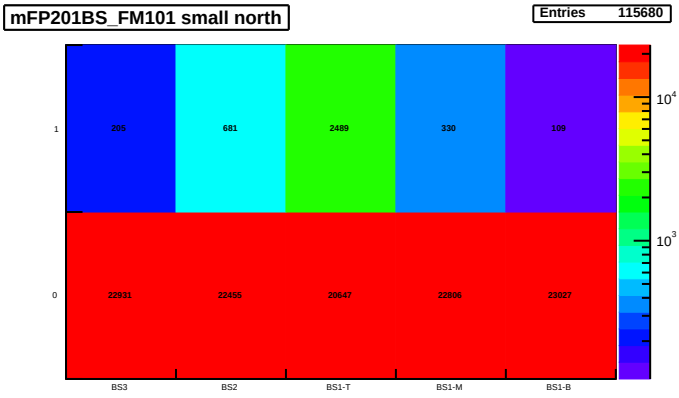

mFM104BSsim -- North -- Bottom -- FM012
Entries 182
BS3
BS2
BS1-E
BS1-F

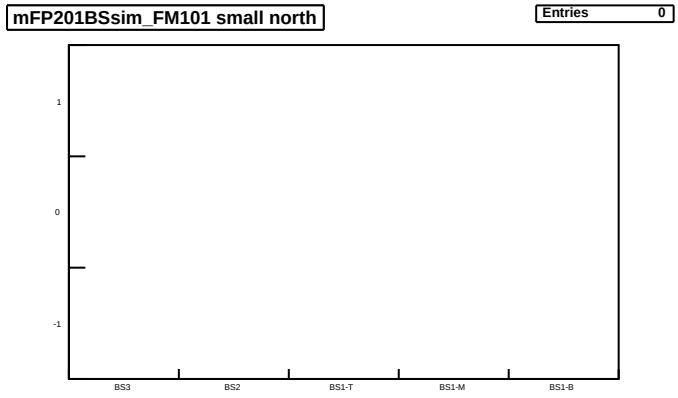

mFM104J -- South -- Bottom -- FM012
Entries 23136
Unused

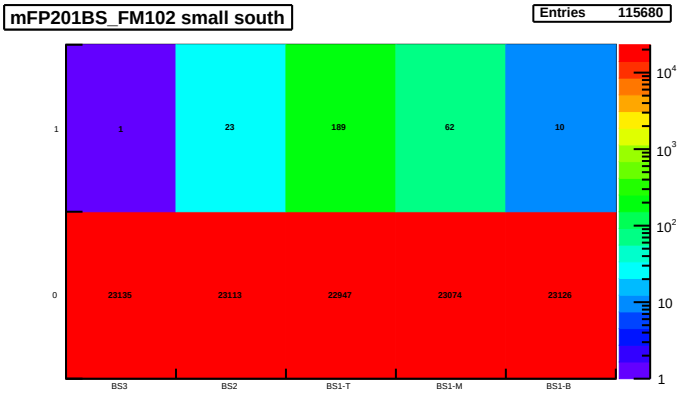

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

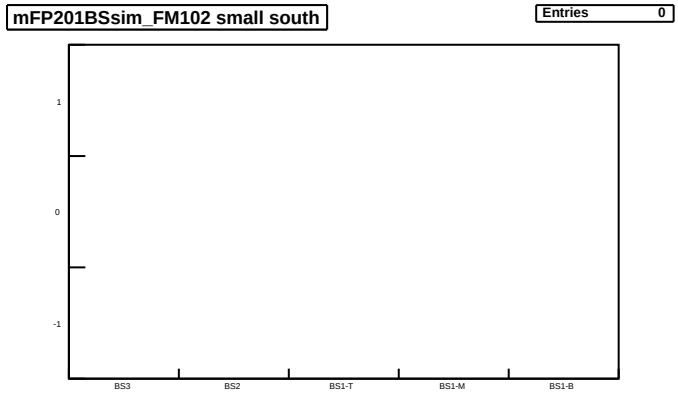

mFM104JP -- South -- Bottom -- FM012
Entries 46272
JP-EF
Unused

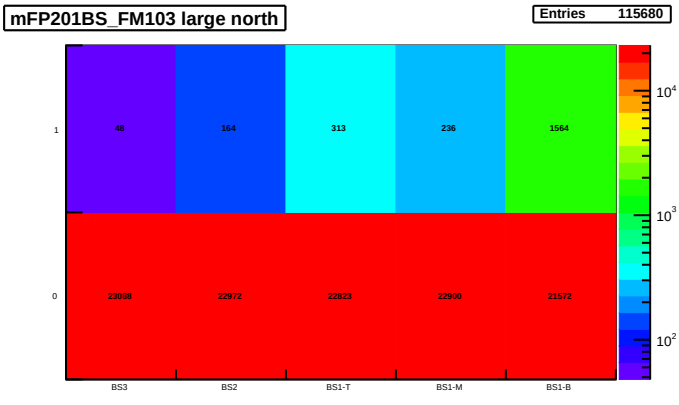
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

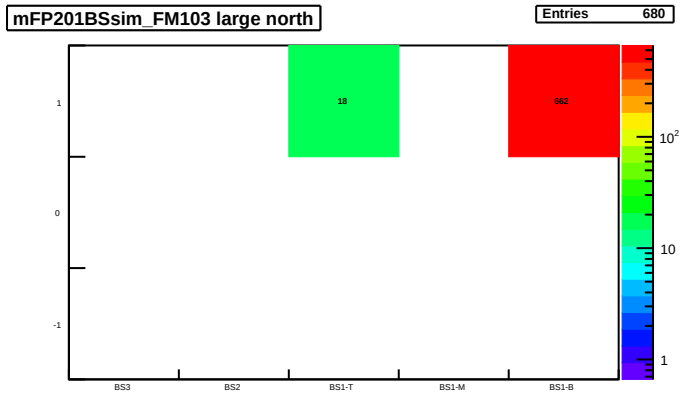

mFP201BS_FM101 small north
Entries 115680
205
681
2489
330
109
22931
22455
20647
22806
23027
BS3
BS2
BS1-T
BS1-M
BS1-B

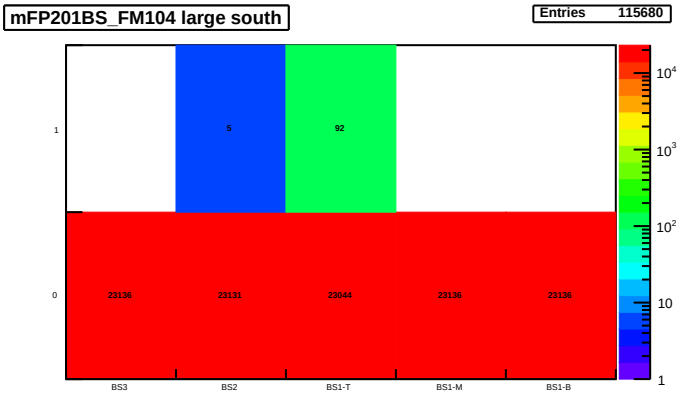

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

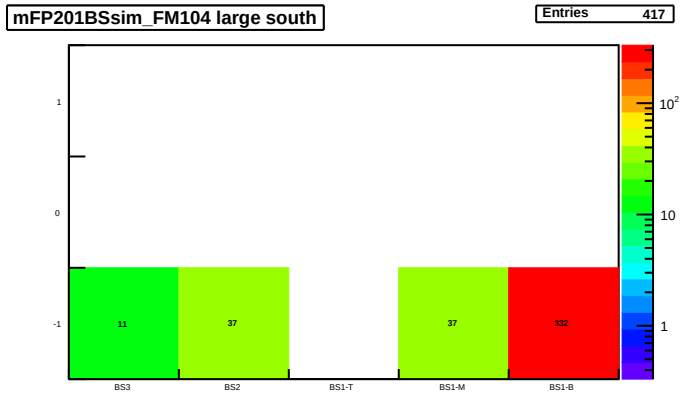

mFP201BS_FM102 small south
Entries 115680
1
23
189
62
10
23135
23113
22947
23074
23126
BS3
BS2
BS1-T
BS1-M
BS1-B

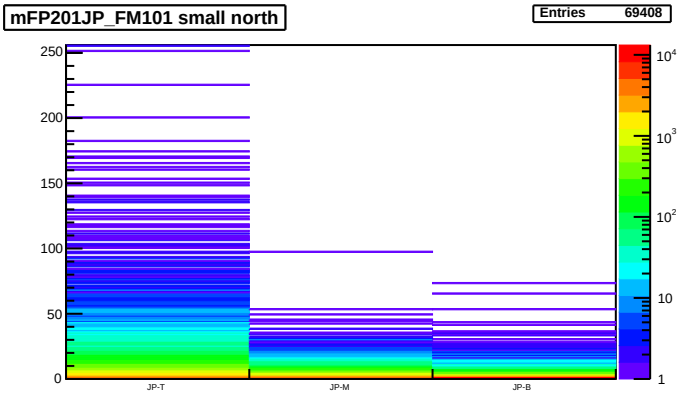

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

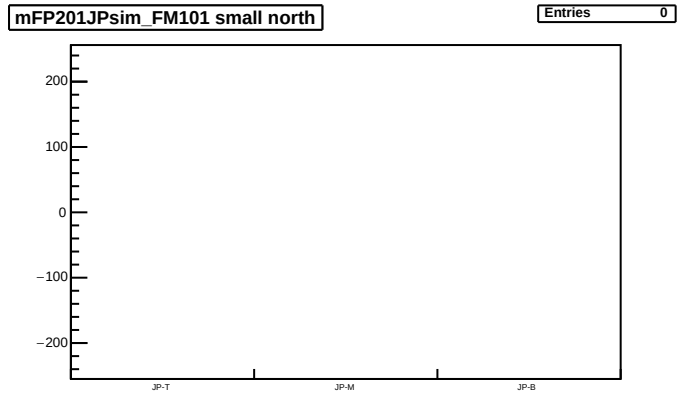

mFP201BS_FM103 large north
Entries 115680
48
164
313
236
1564
23088
22972
22823
22900
21572
BS3
BS2
BS1-T
BS1-M
BS1-B

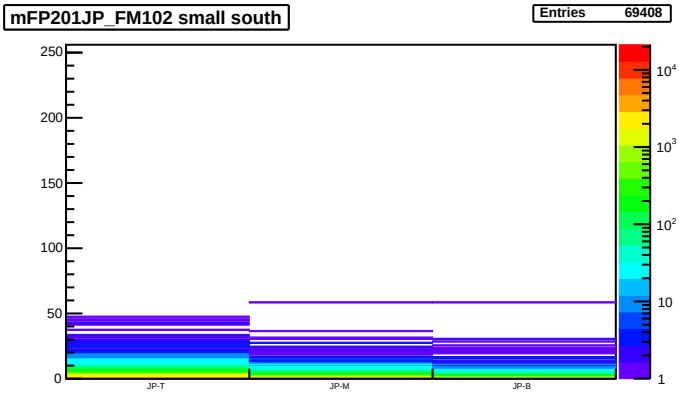

mFP201BSsim_FM103 large north
Entries 680
18
662
BS3
BS2
BS1-T
BS1-M
BS1-B

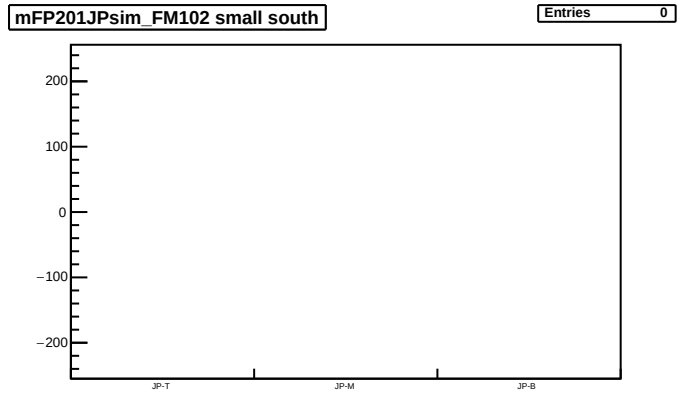

mFP201BS_FM104 large south
Entries 115680
5
92
23136
23131
23044
23136
23136
BS3
BS2
BS1-T
BS1-M
BS1-B

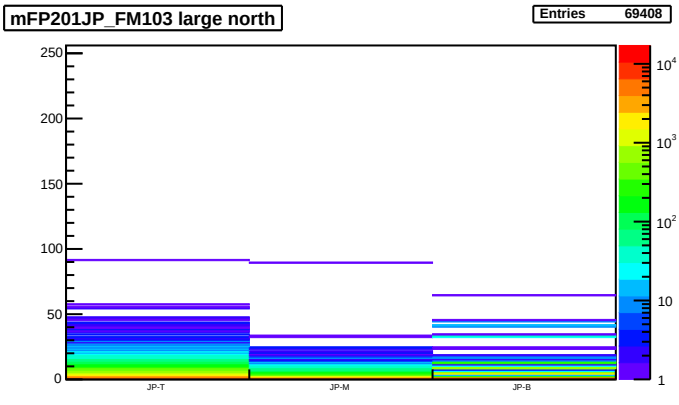

mFP201BSsim_FM104 large south
Entries 417
11
37
37
332
BS3
BS2
BS1-T
BS1-M
BS1-B

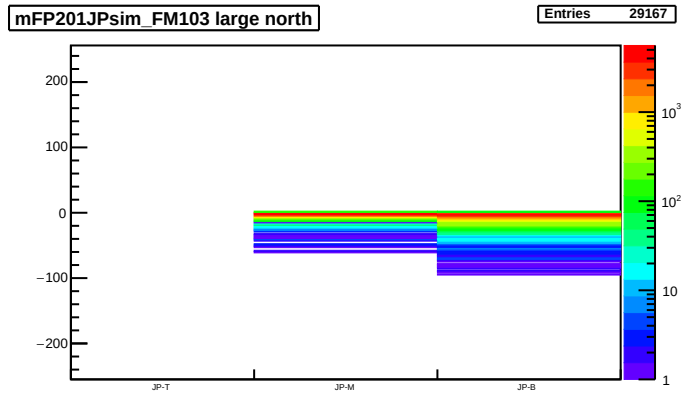

mFP201JP_FM101 small north
Entries 69408
JP-T
JP-M
JP-B

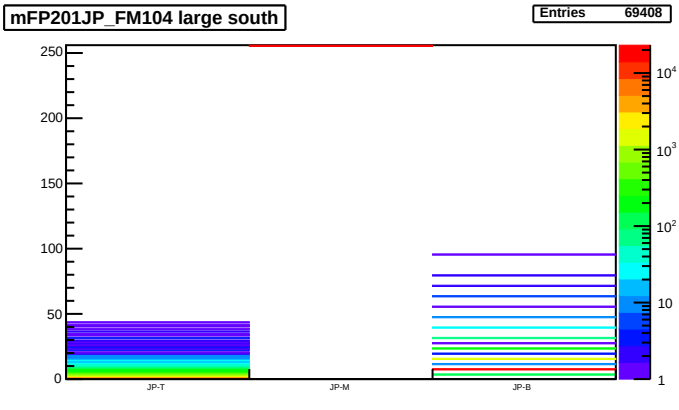

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

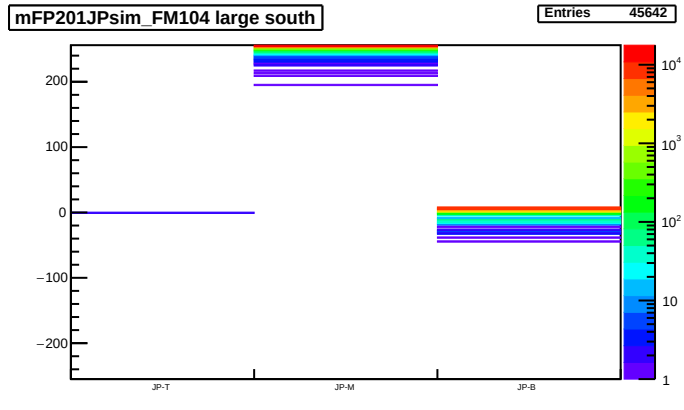

mFP201JP_FM102 small south
Entries 69408
JP-T
JP-M
JP-B

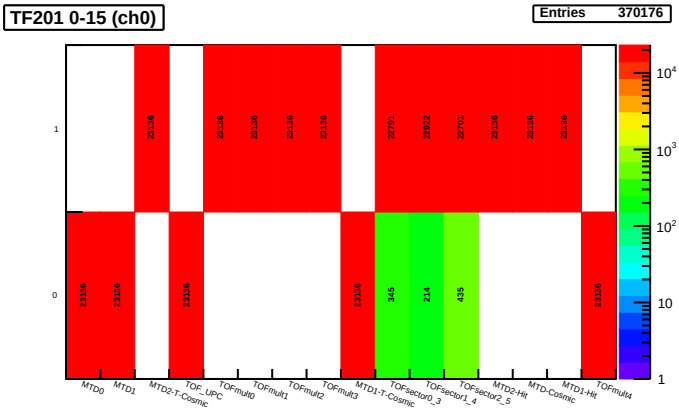

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

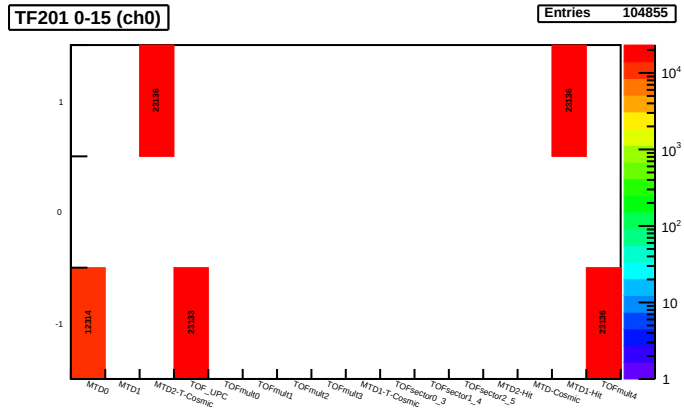

mFP201JP_FM103 large north
Entries 69408
JP-T
JP-M
JP-B

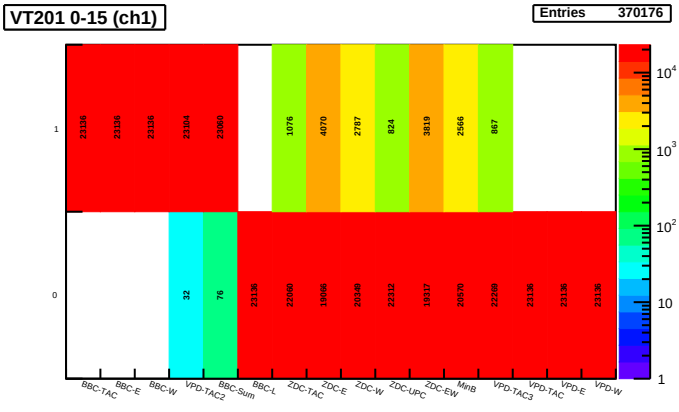

mFP201JPsim_FM103 large north
Entries 29167
JP-T
JP-M
JP-B

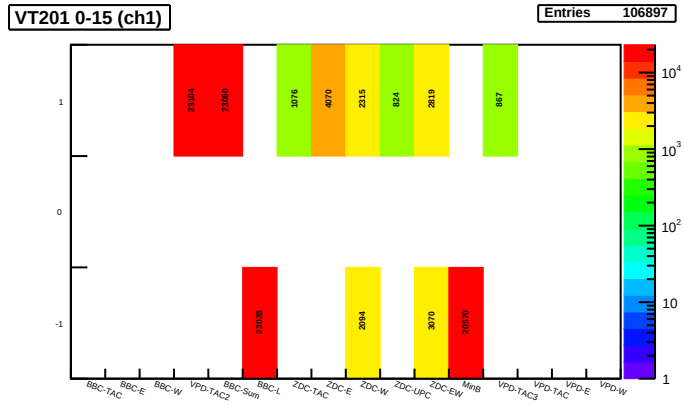

mFP201JP_FM104 large south
Entries 69408
JP-T
JP-M
JP-B

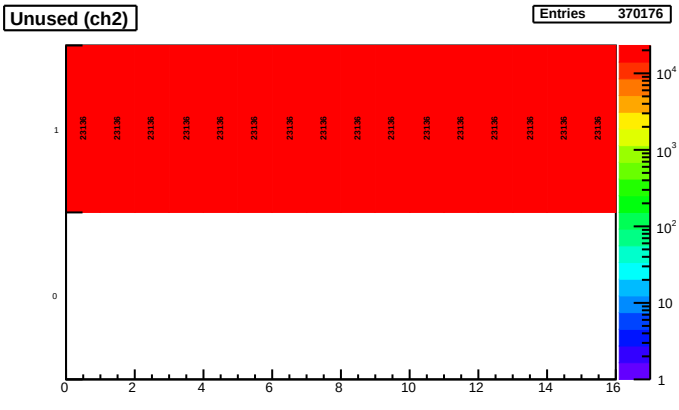

mFP201JPsim_FM104 large south
Entries 45642
JP-T
JP-M
JP-B

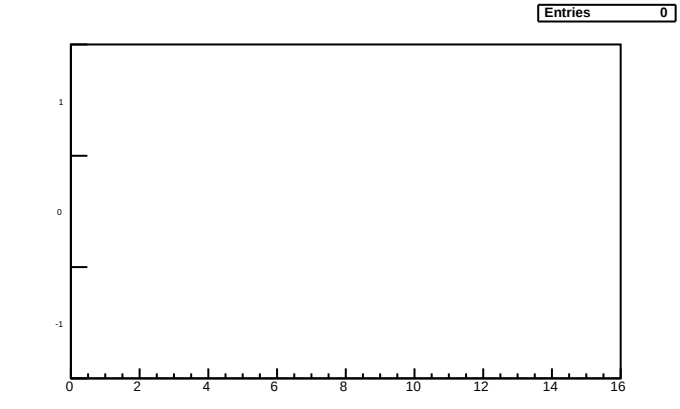

TF201 0-15 (ch0)
Entries 370176
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

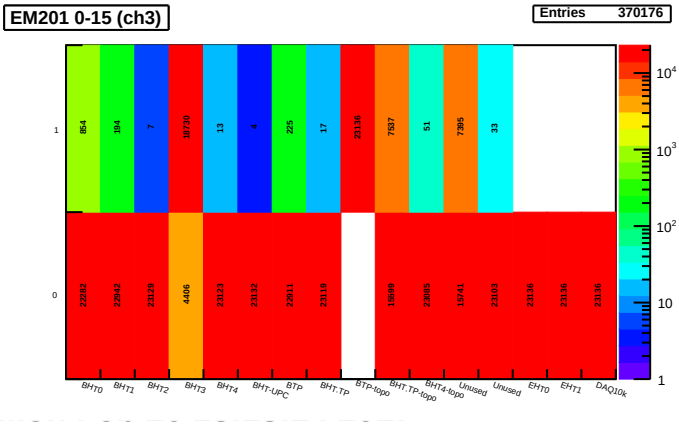

TF201 0-15 (ch0)
Entries 104855
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

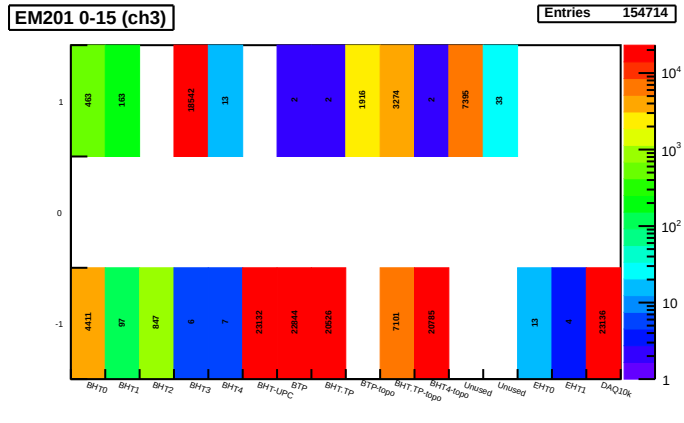

VT201 0-15 (ch1)
Entries 370176
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W


VT201 0-15 (ch1)
Entries 106897
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

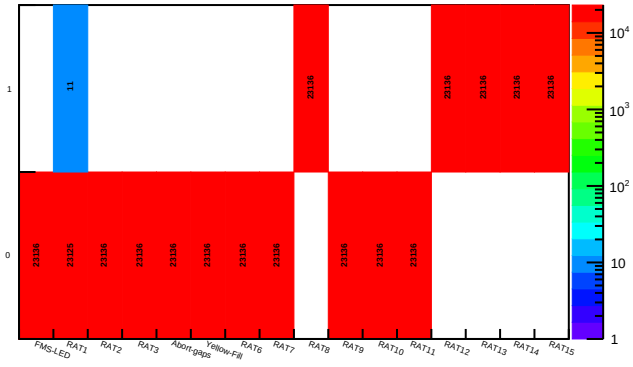

Unused (ch2)
Entries 370176

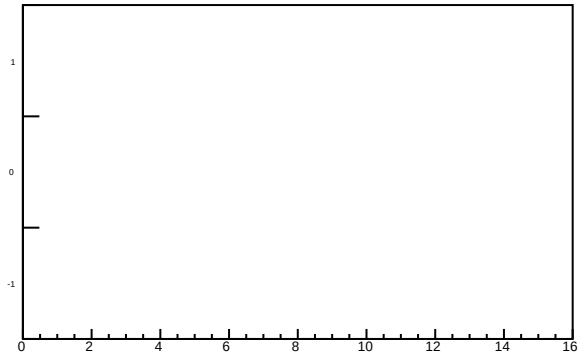

Entries 0


EM201 0-15 (ch3)
Entries 370176
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT.TP BTP-topo BHT.TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

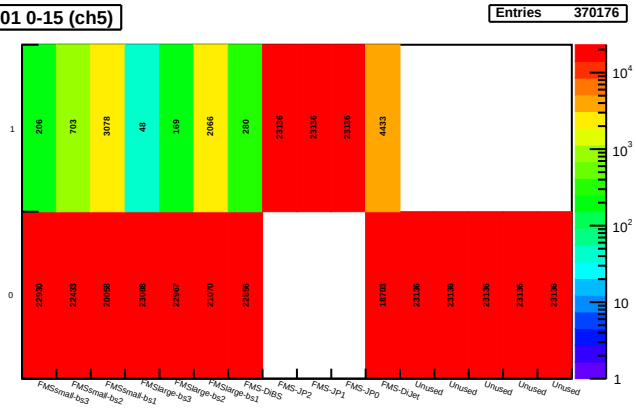

EM201 0-15 (ch3)
Entries 154714
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT.TP BTP-topo BHT.TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

RAT board (ch4)

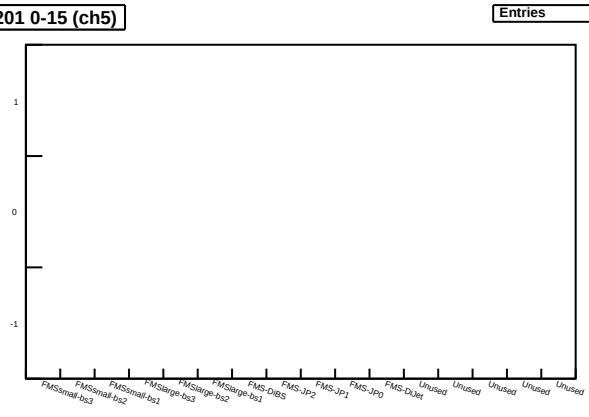




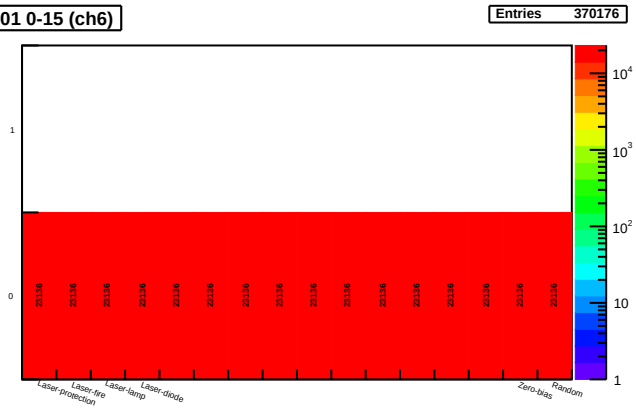
FP201 0-15 (ch5)

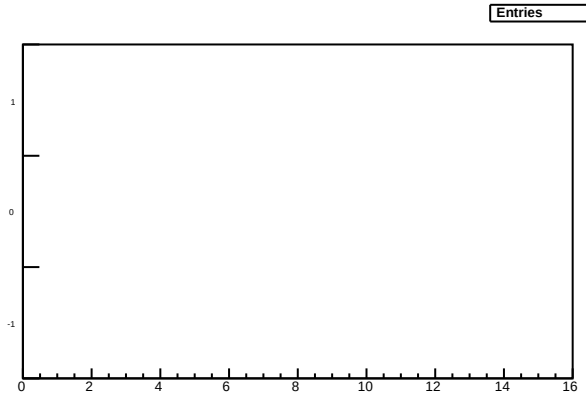
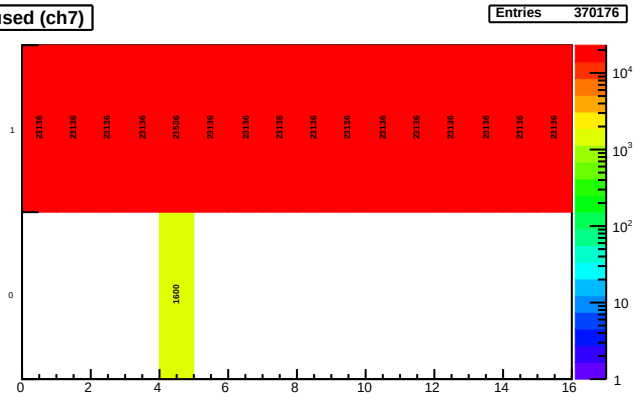
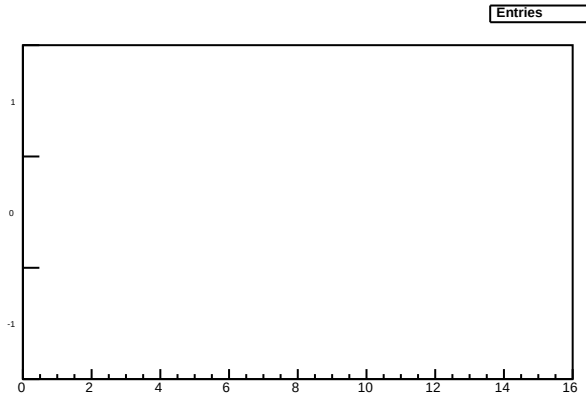


FP201 0-15 (ch5)



ST201 0-15 (ch6)





Unused (ch7)