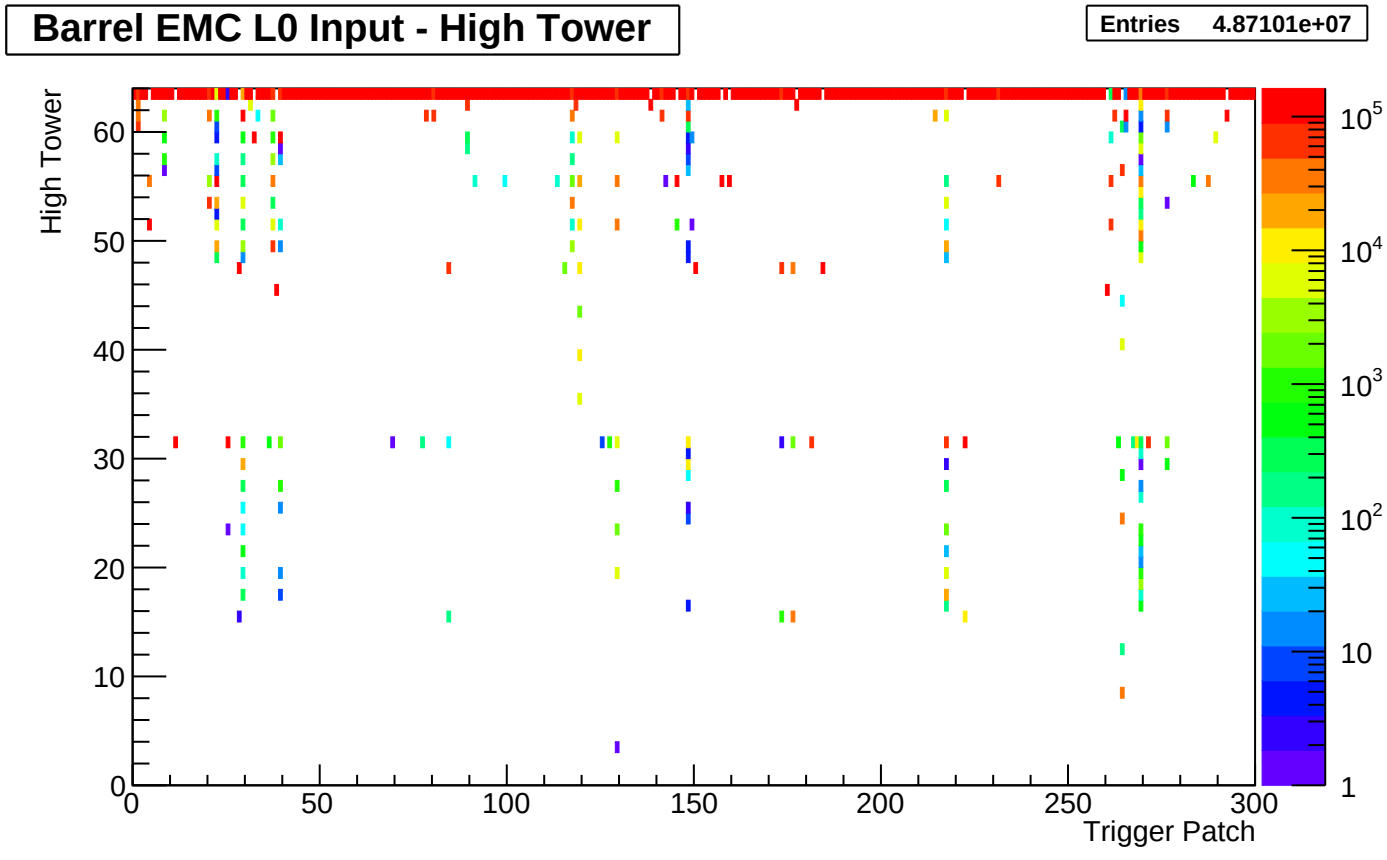
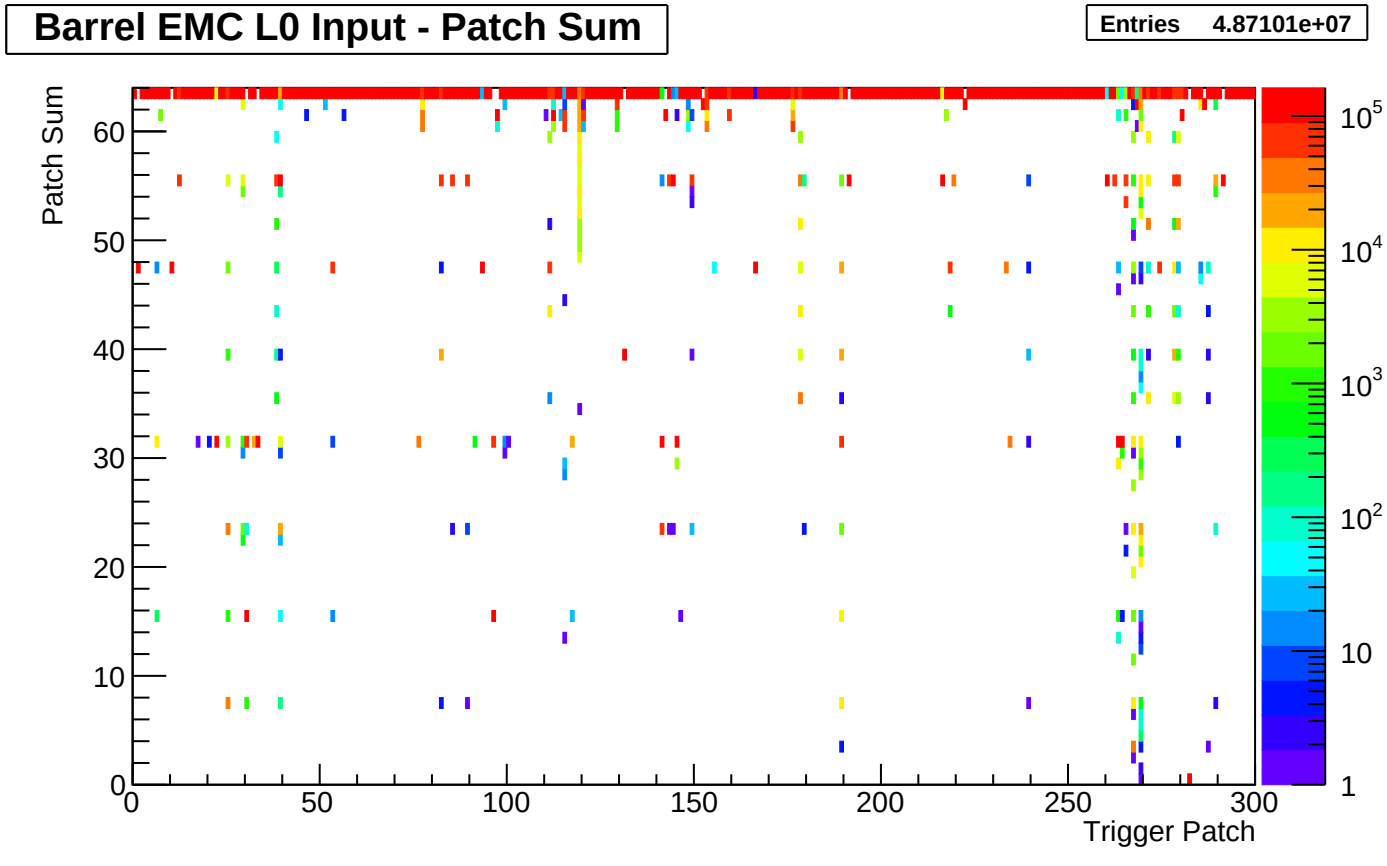
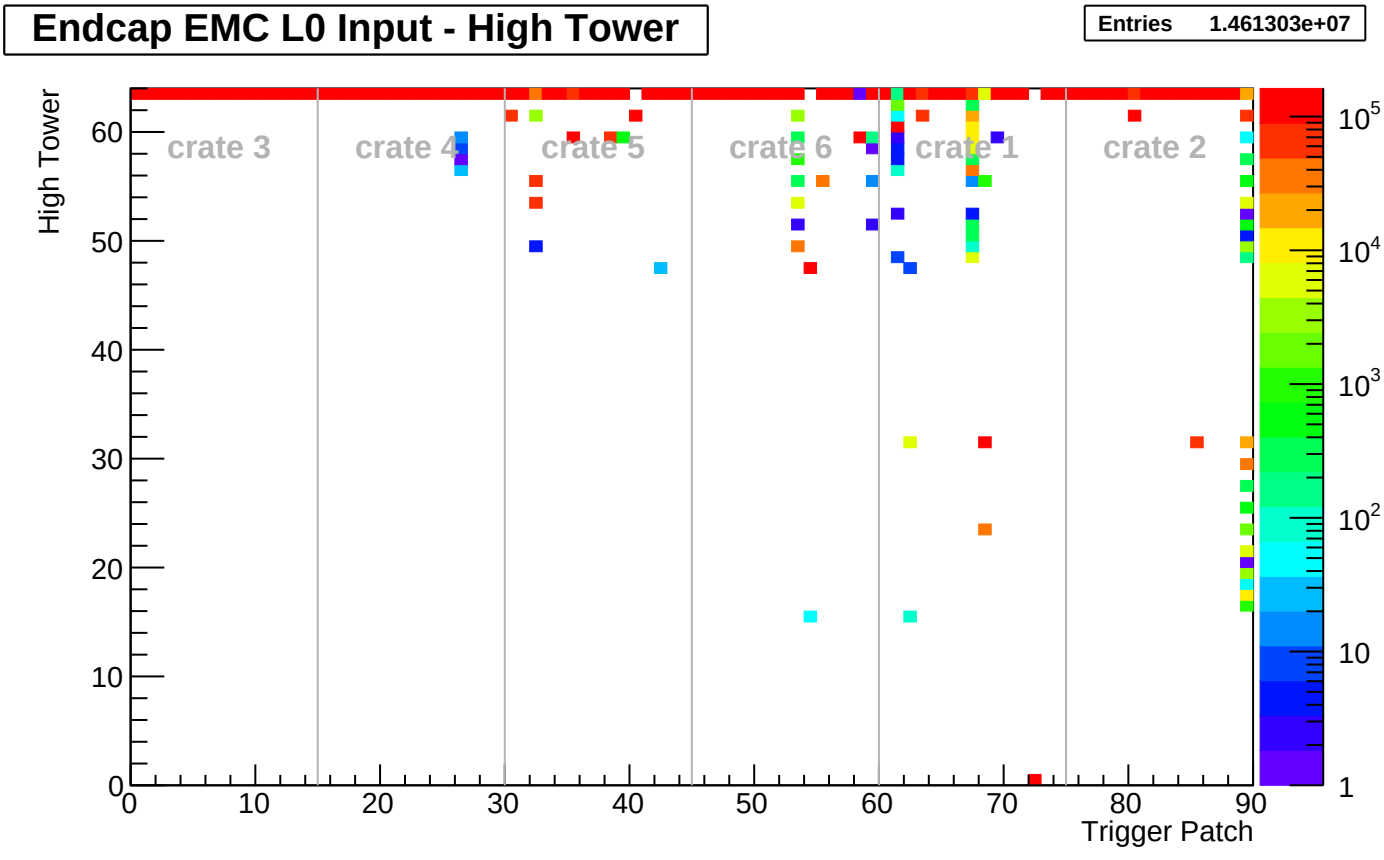
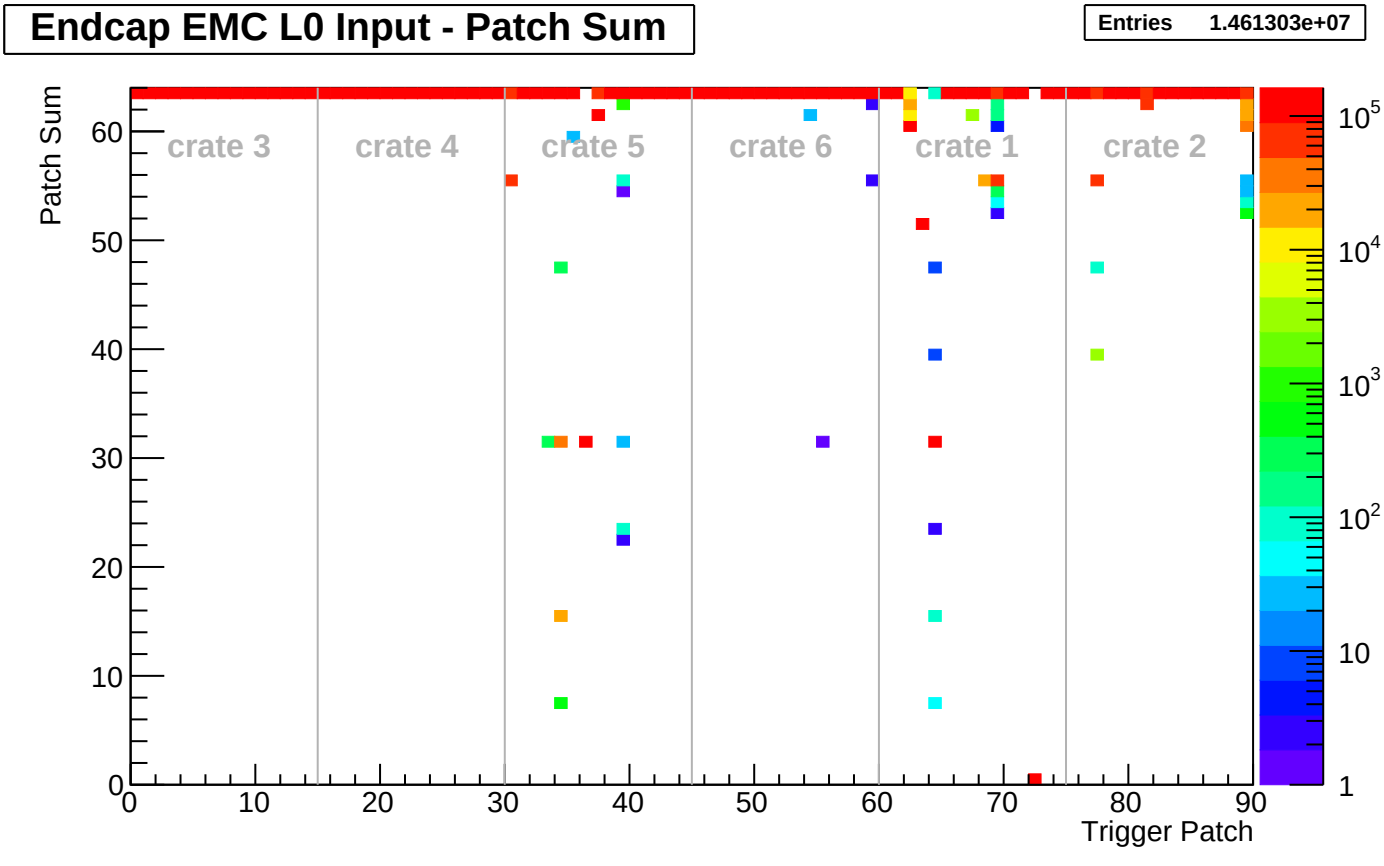
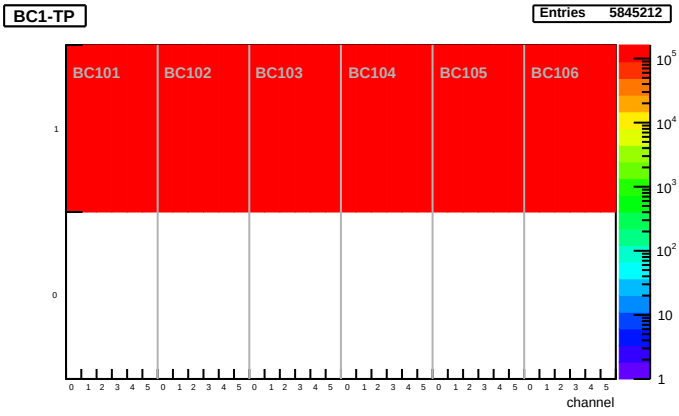
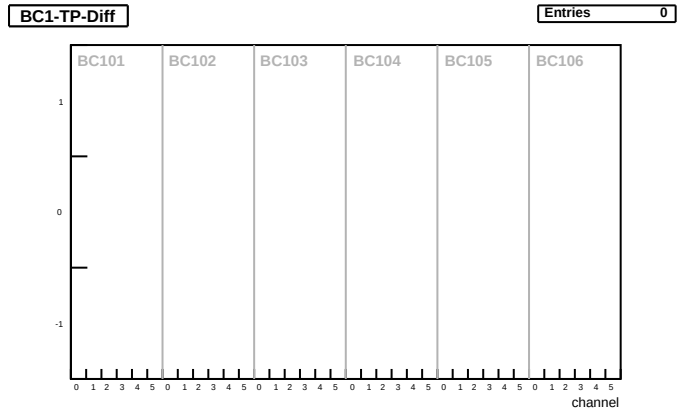

Barrel EMC L0 Input - High Tower
Entries 4.87101e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

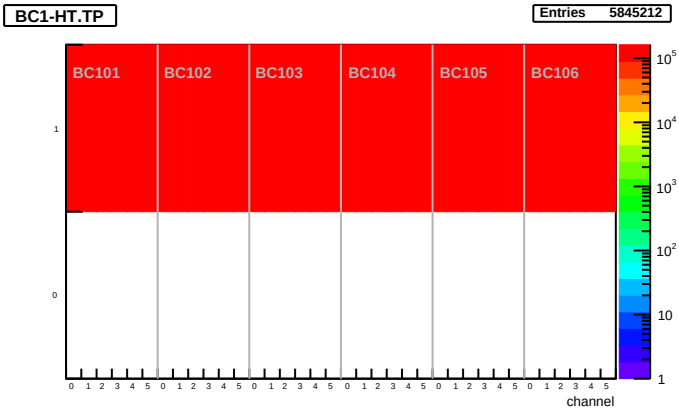

Barrel EMC L0 Input - Patch Sum
Entries 4.87101e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

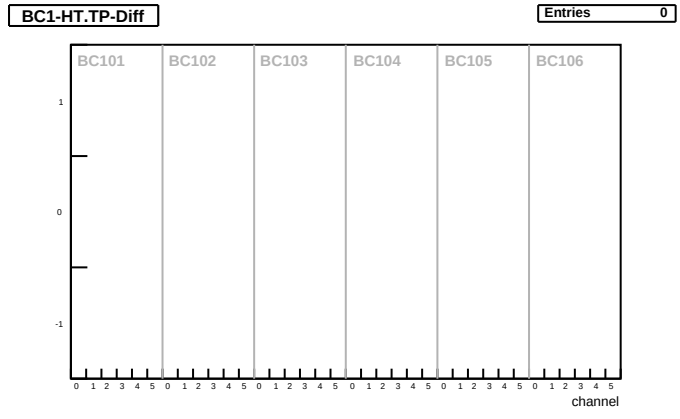

Endcap EMC L0 Input - High Tower
Entries 1.461303e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

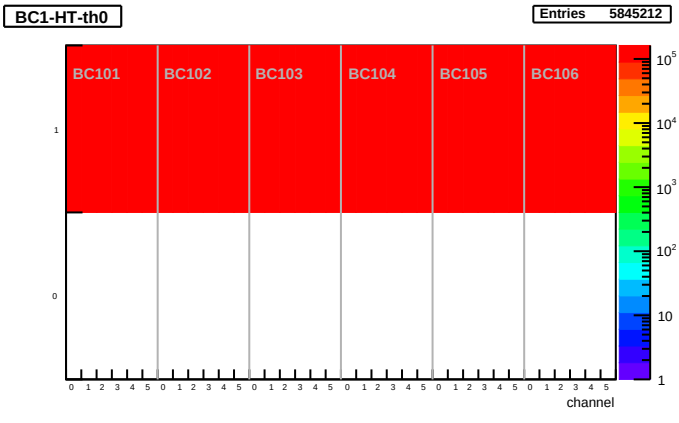

Endcap EMC L0 Input - Patch Sum
Entries 1.461303e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

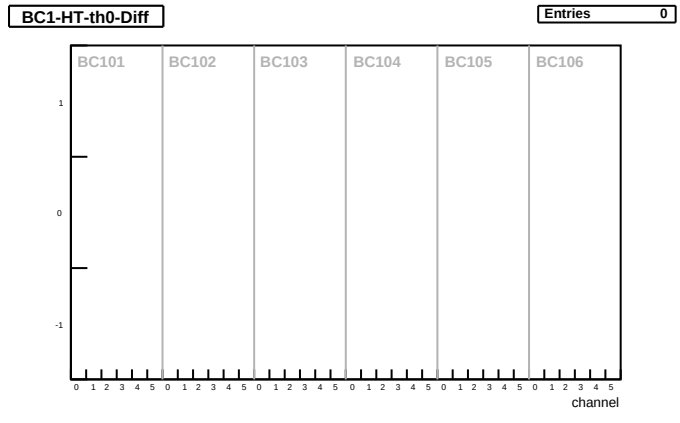

BC1-TP
Entries 5845212
BC101
BC102
BC103
BC104
BC105
BC106
channel

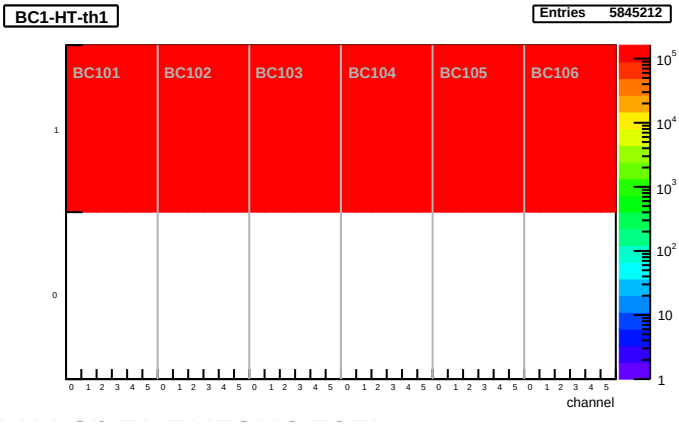

BC1-TP-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

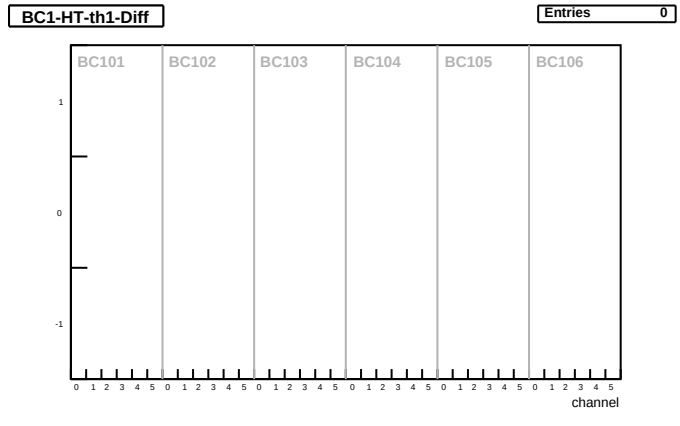

BC1-HT.TP
Entries 5845212
BC101
BC102
BC103
BC104
BC105
BC106
channel

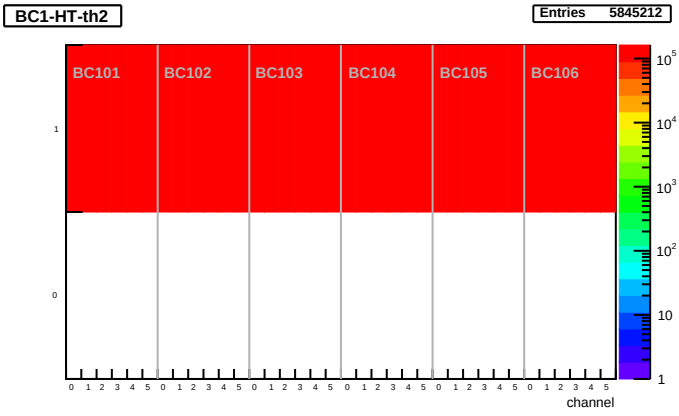

BC1-HT.TP-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

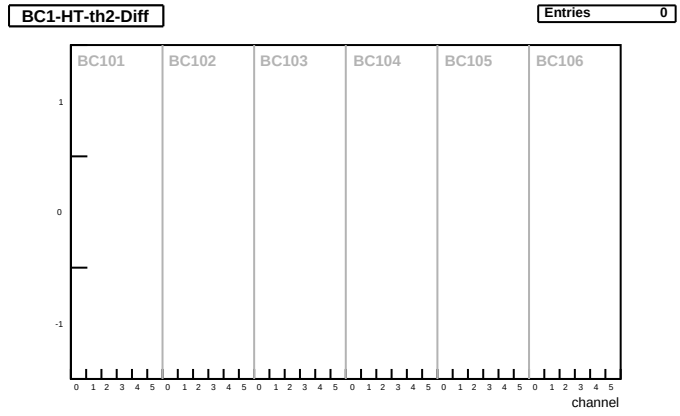

BC1-HT-th0
Entries 5845212
BC101
BC102
BC103
BC104
BC105
BC106
channel

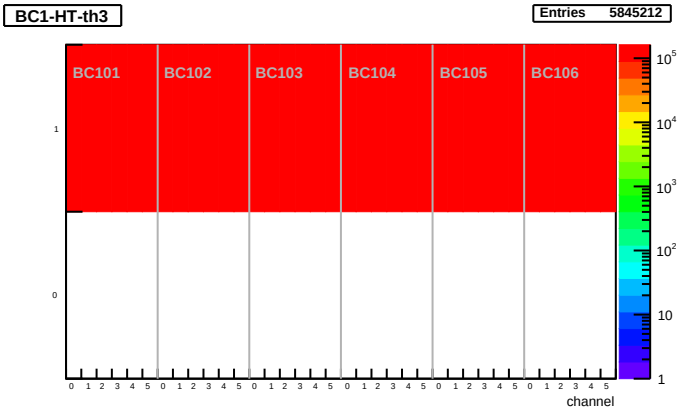

BC1-HT-th0-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

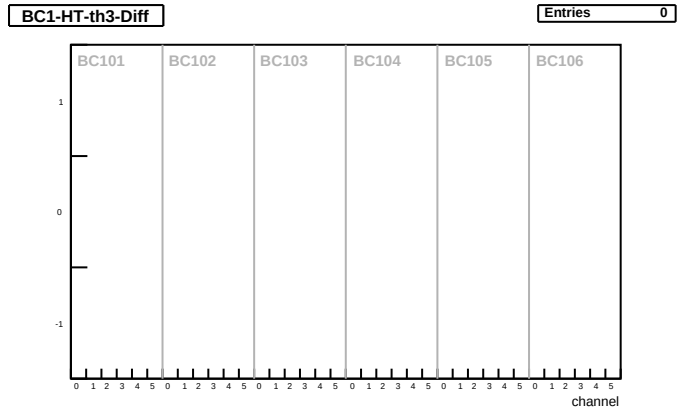

BC1-HT-th1
Entries 5845212
BC101
BC102
BC103
BC104
BC105
BC106
channel

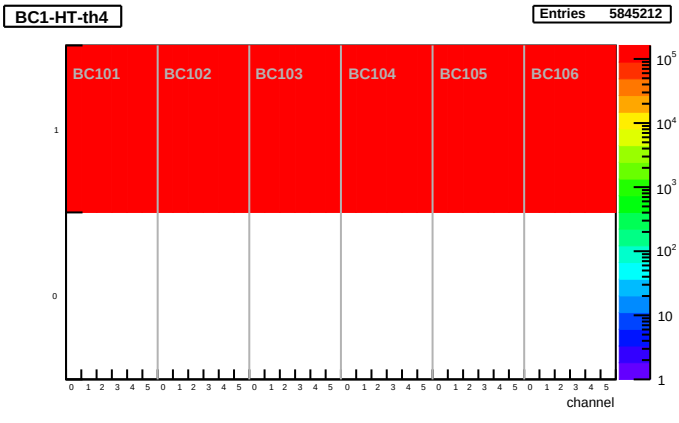

BC1-HT-th1-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

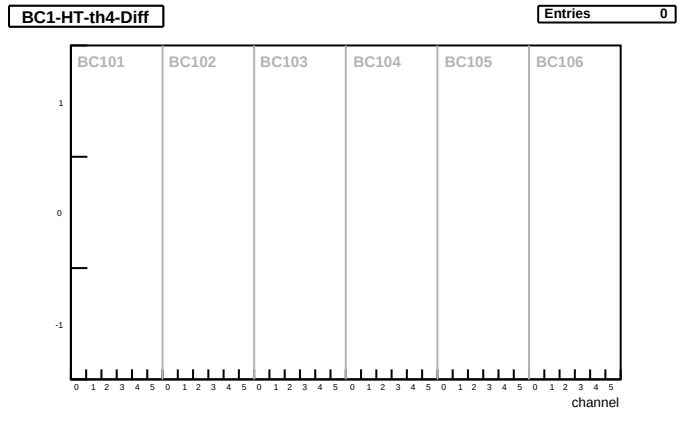

BC1-HT-th2
Entries 5845212
BC101
BC102
BC103
BC104
BC105
BC106
channel

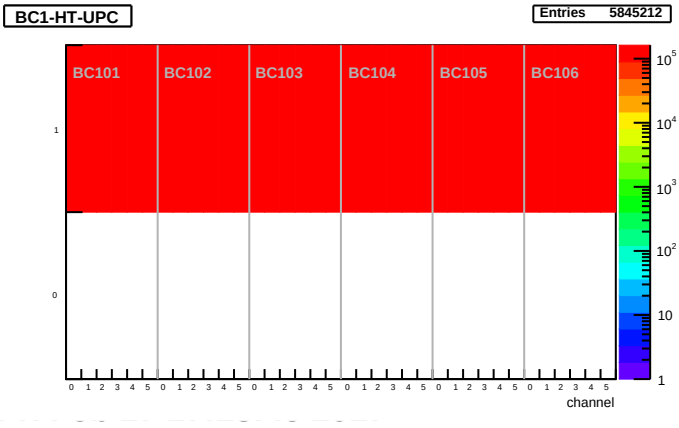

BC1-HT-th2-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

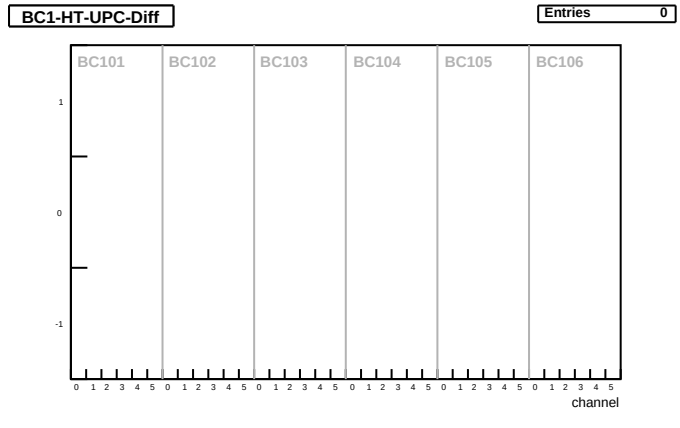

BC1-HT-th3
Entries 5845212
BC101
BC102
BC103
BC104
BC105
BC106
channel

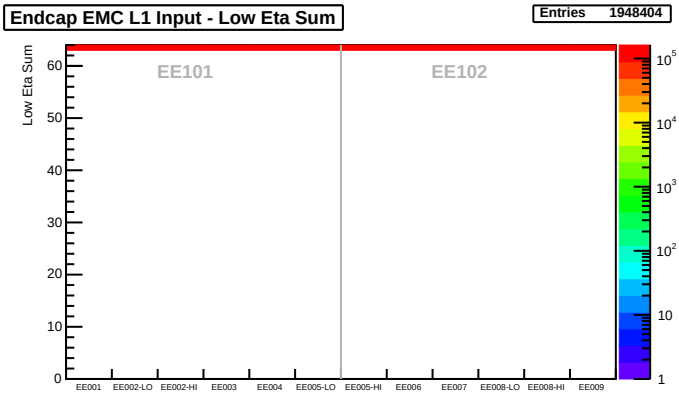

BC1-HT-th3-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

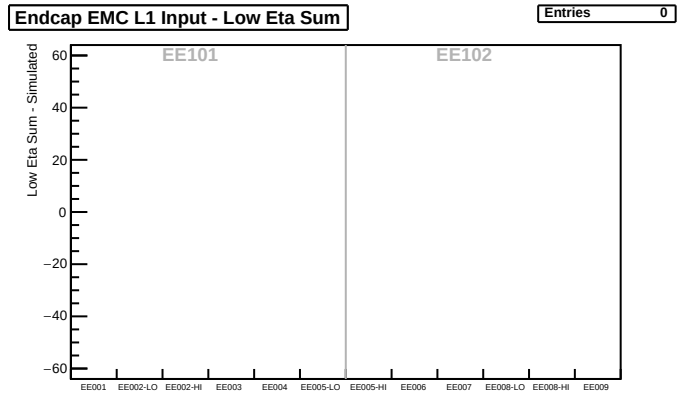

BC1-HT-th4
Entries 5845212
BC101
BC102
BC103
BC104
BC105
BC106
channel

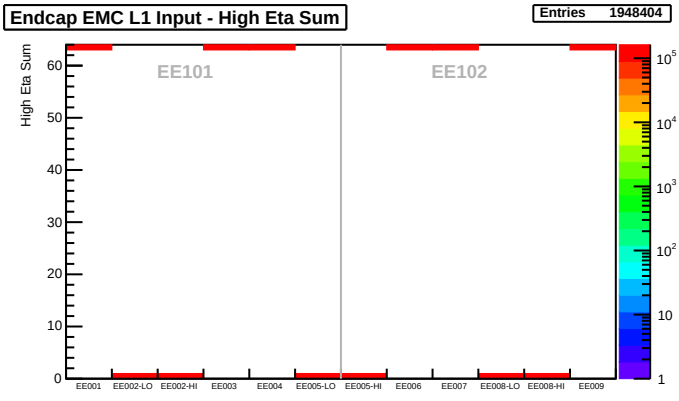

BC1-HT-th4-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

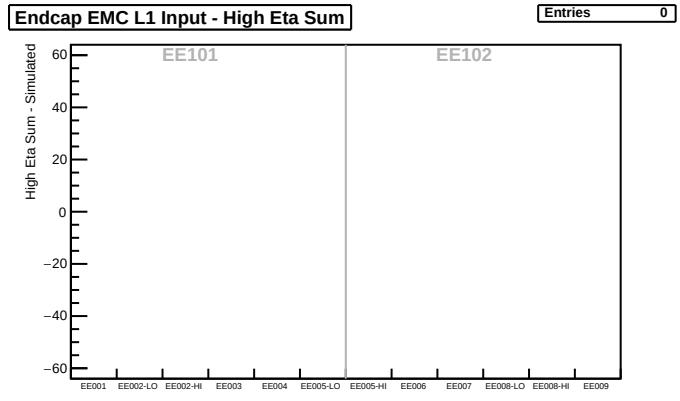

BC1-HT-UPC
Entries 5845212
BC101
BC102
BC103
BC104
BC105
BC106
channel

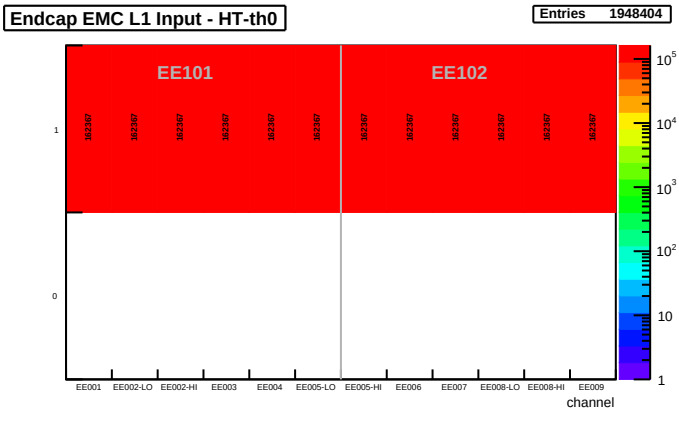

BC1-HT-UPC-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

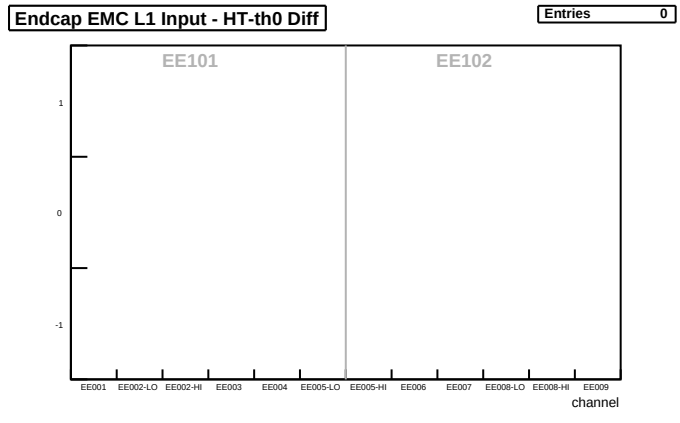

Endcap EMC L1 Input - Low Eta Sum
Entries 1948404
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

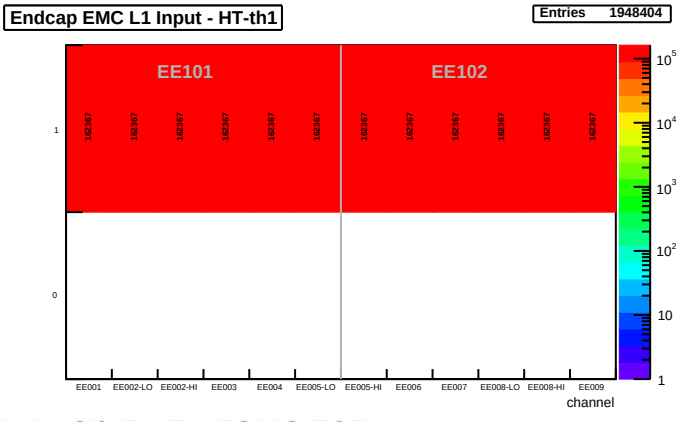

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

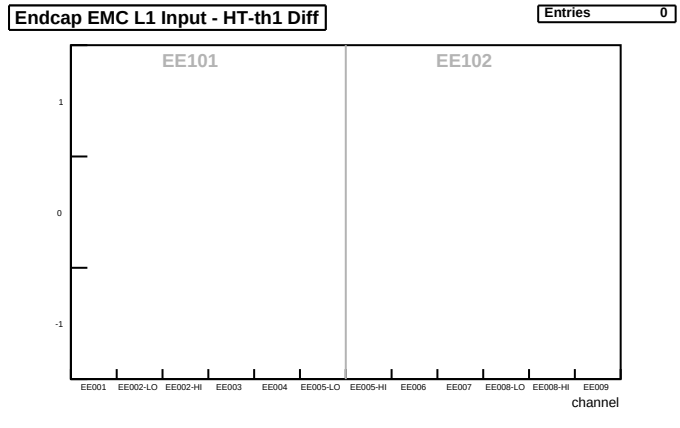

Endcap EMC L1 Input - High Eta Sum
Entries 1948404
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

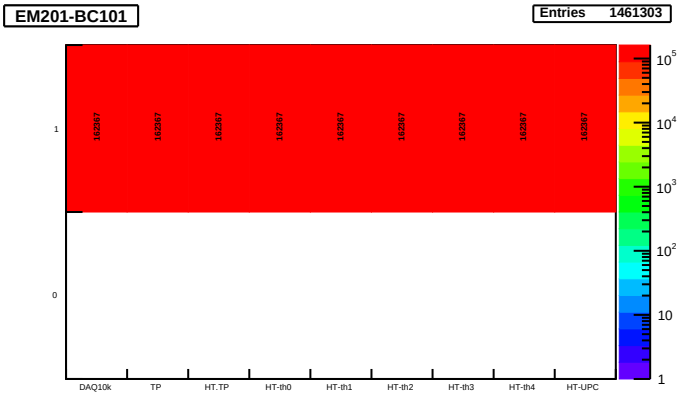

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

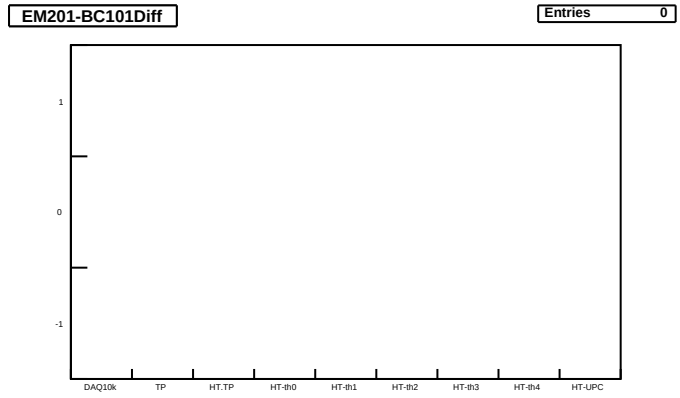

Endcap EMC L1 Input - HT-th0
Entries 1948404
EE101
EE102
162367
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

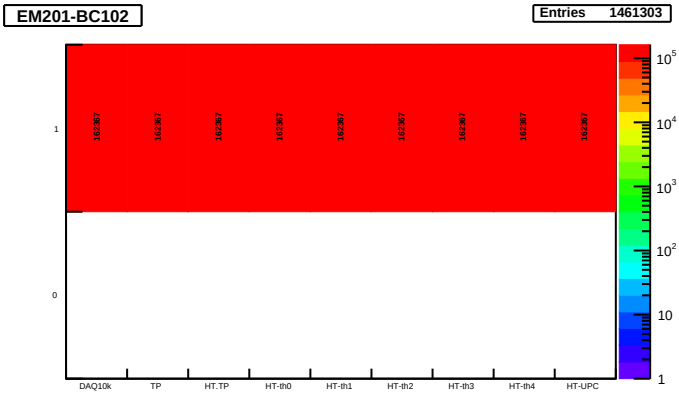

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

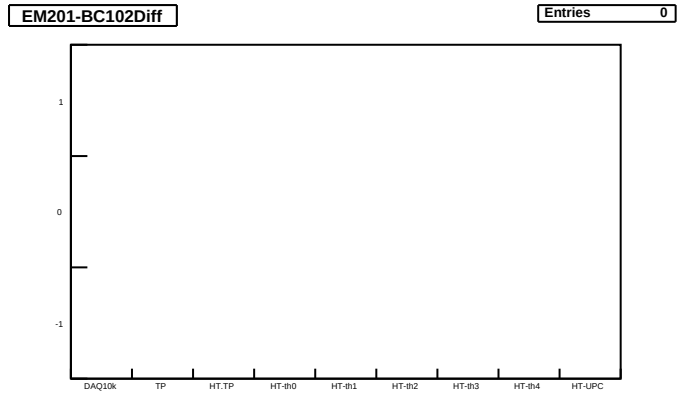

Endcap EMC L1 Input - HT-th1
Entries 1948404
EE101
EE102
162367
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

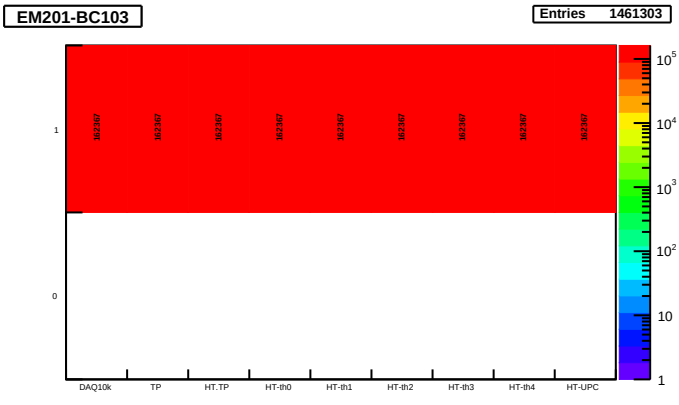

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

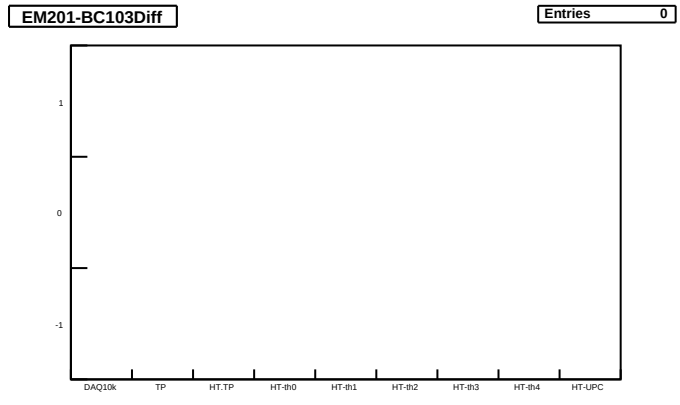

EM201-BC101
Entries 1461303
162367
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

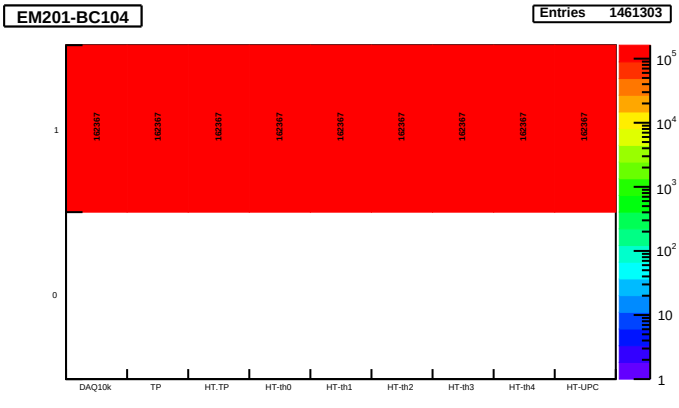

EM201-BC101Diff
Entries 0
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

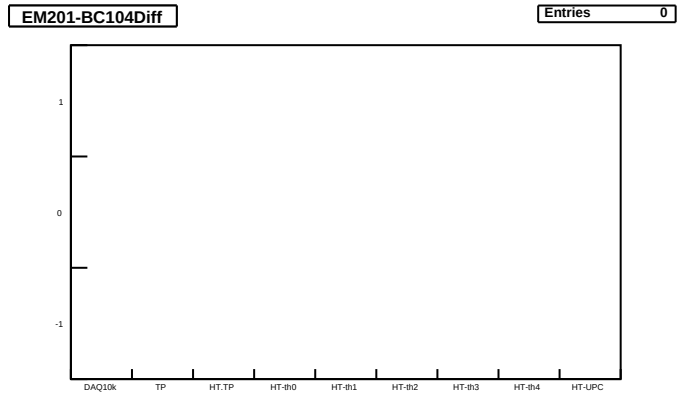

EM201-BC102
Entries 1461303
162367
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC102Diff
Entries 0
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

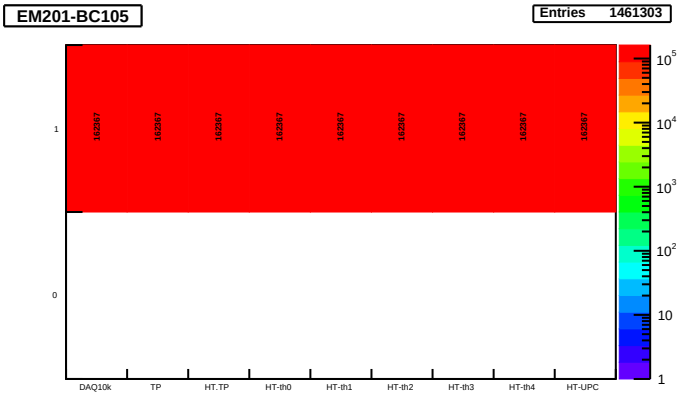

EM201-BC103
Entries 1461303
162367
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC103Diff
Entries 0
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

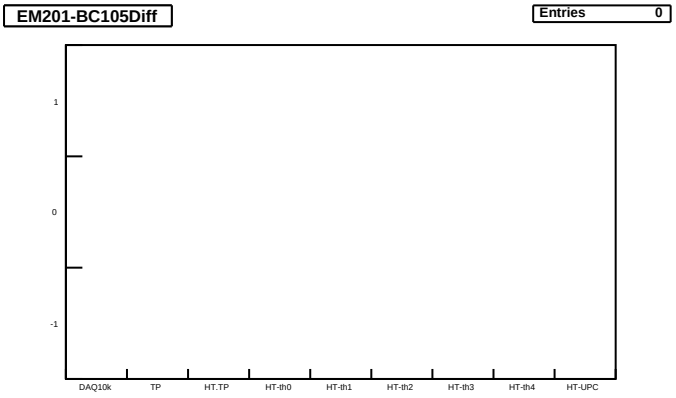

EM201-BC104
Entries 1461303
162367
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC104Diff
Entries 0
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

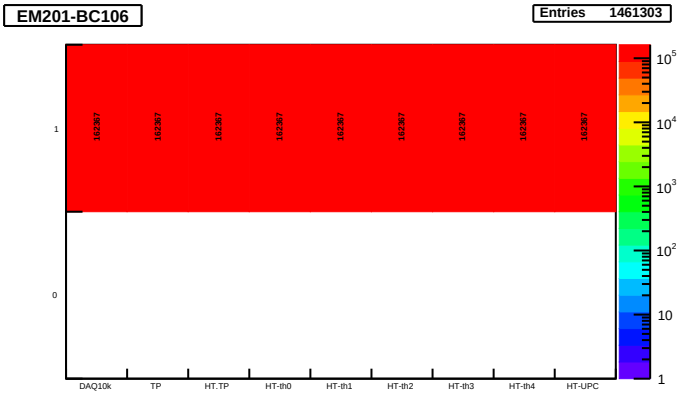
EM201-BC105



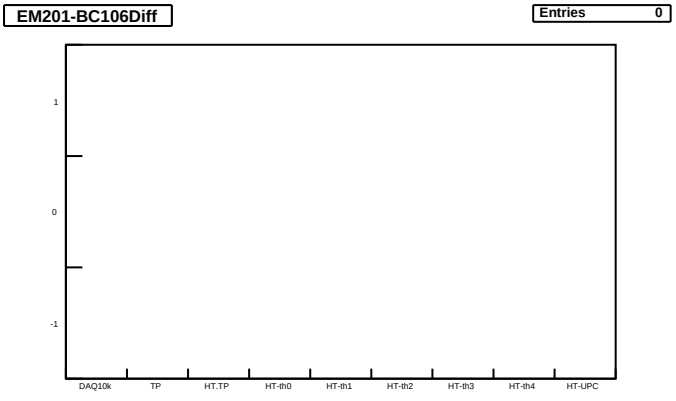
EM201-BC105Diff



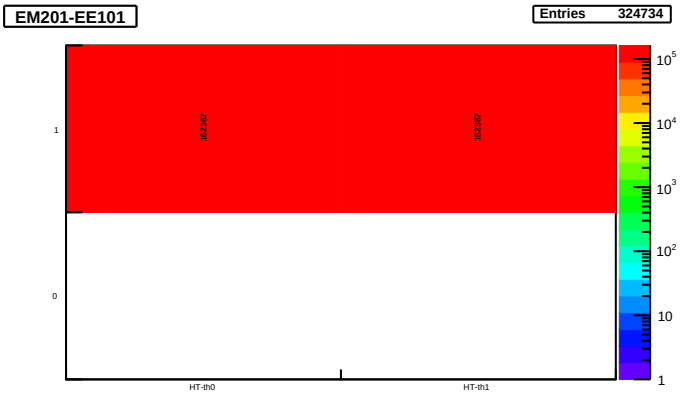
EM201-BC106



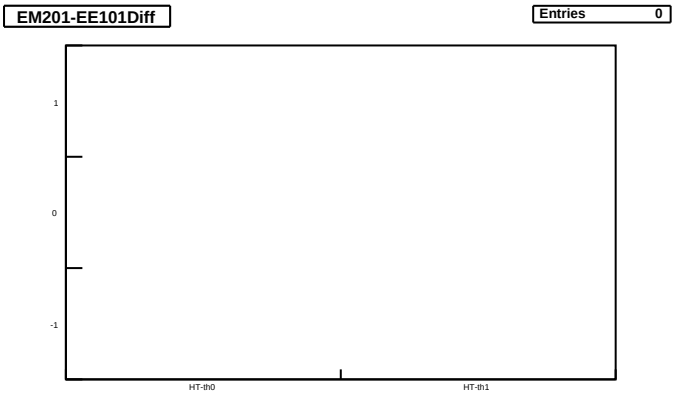
EM201-BC106Diff



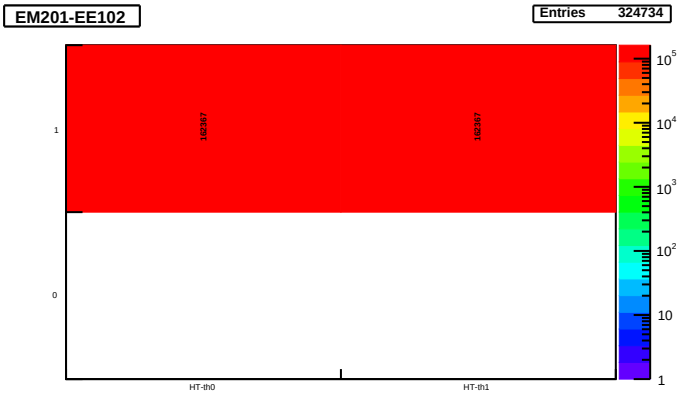
EM201-EE101



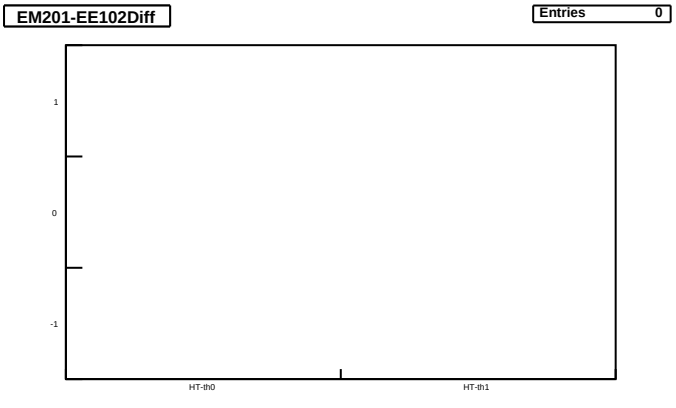
EM201-EE101Diff

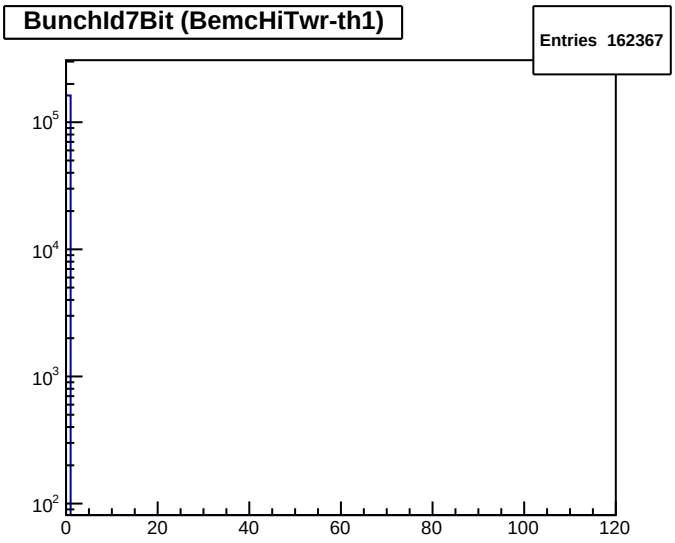


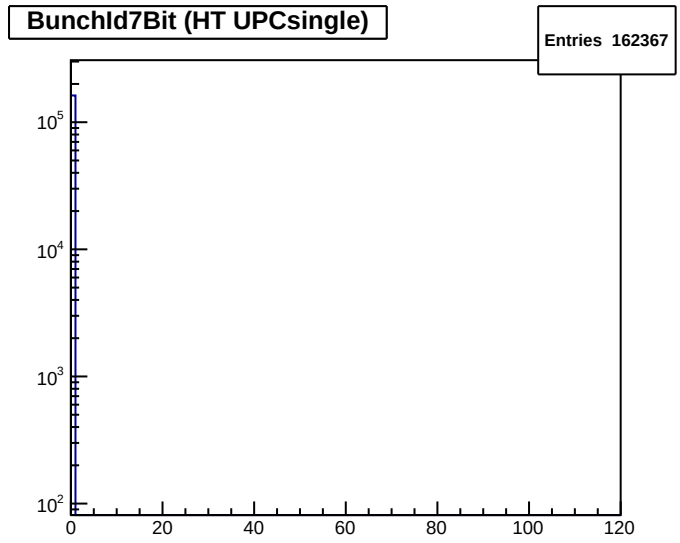
EM201-EE102

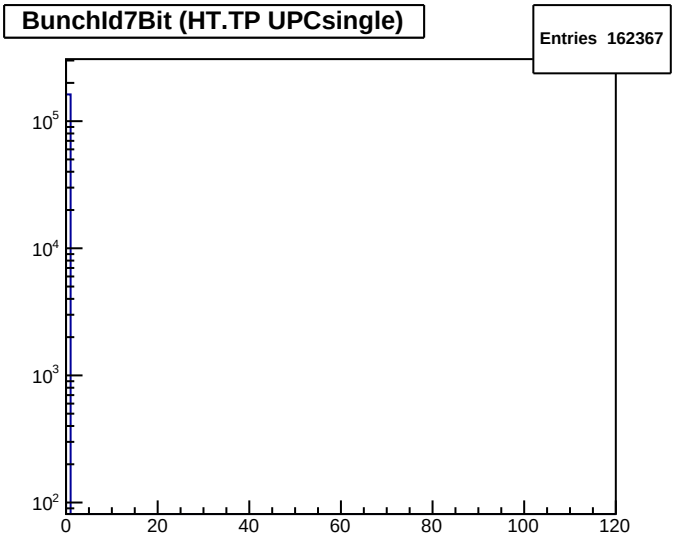


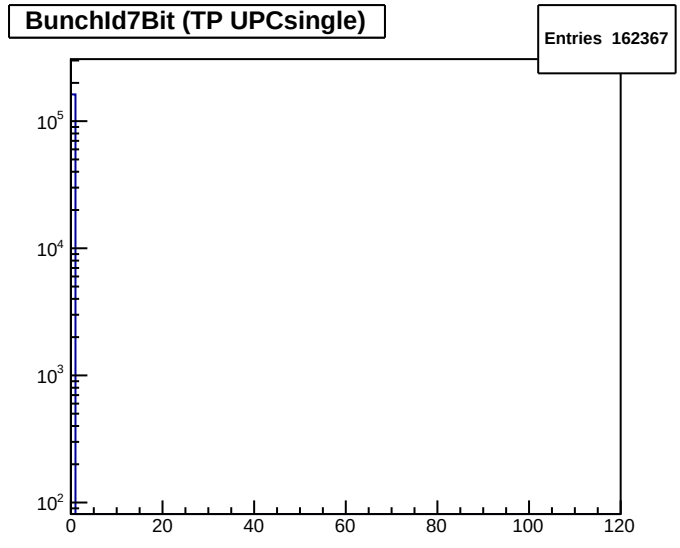
EM201-EE102Diff

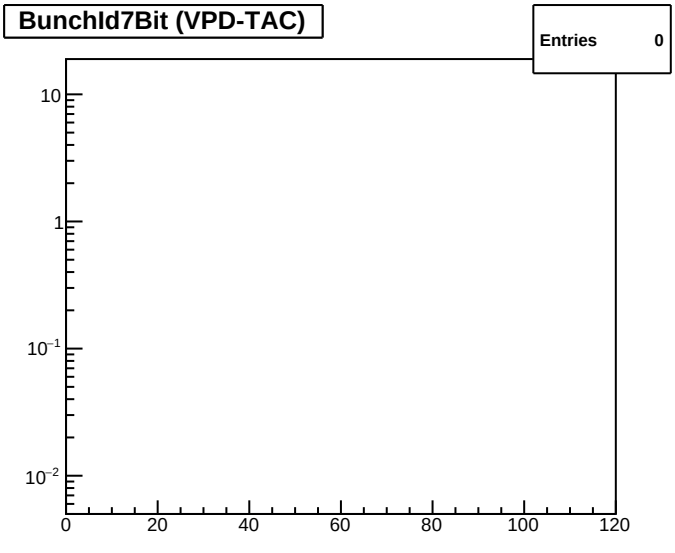


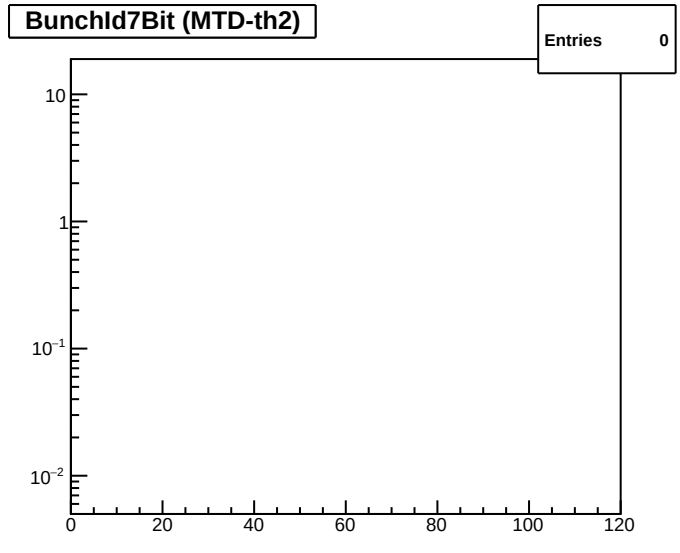

BunchId7Bit (BemcHiTwr-th1)
Entries 162367
10^5
10^4
10^3
10^2
0 20 40 60 80 100 120

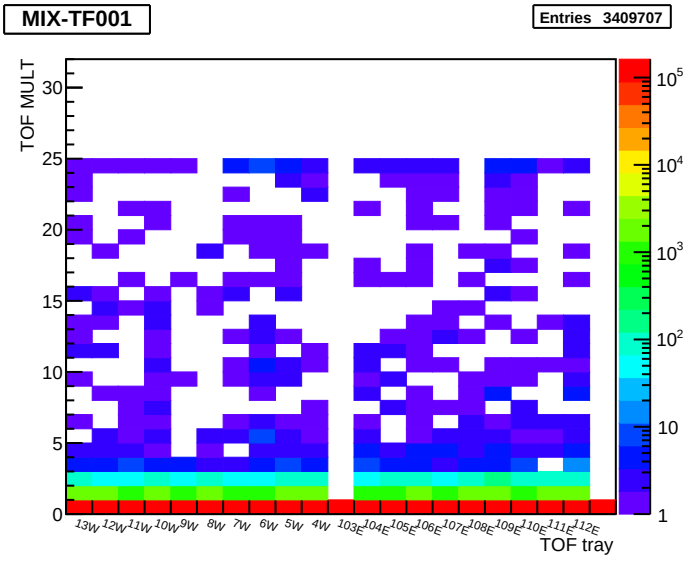

BunchId7Bit (HT UPCsingle)
Entries 162367
10^5
10^4
10^3
10^2
0 20 40 60 80 100 120

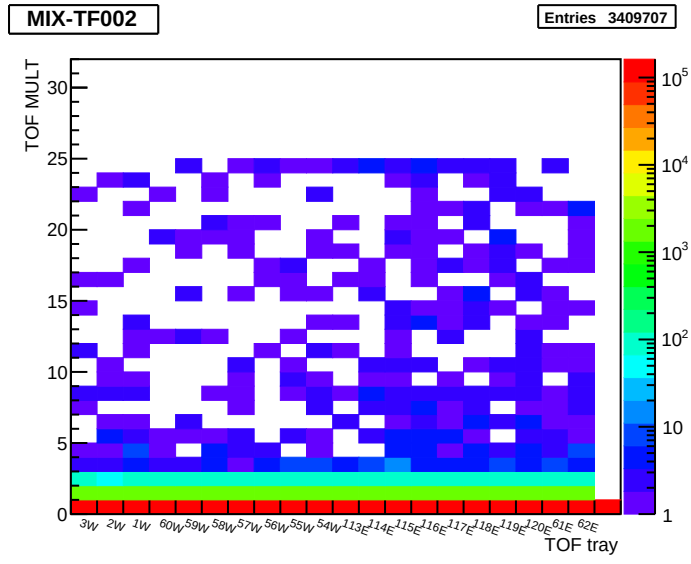

BunchId7Bit (HT.TP UPCsingle)
Entries 162367
10^5
10^4
10^3
10^2
0 20 40 60 80 100 120

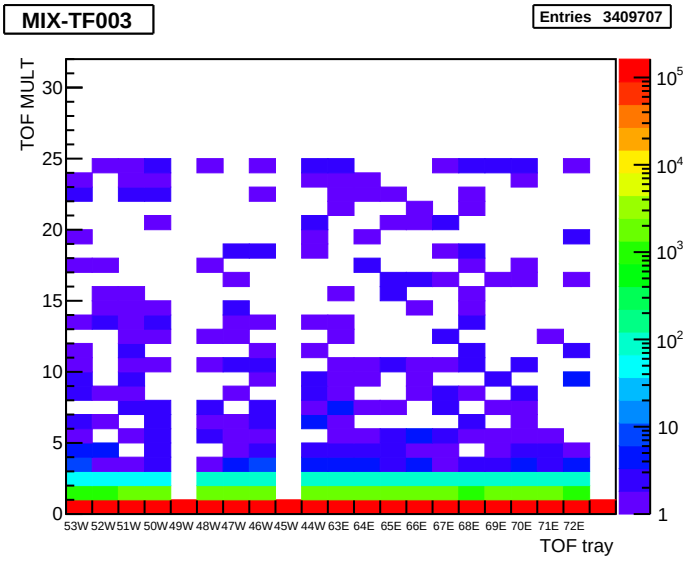

BunchId7Bit (TP UPCsingle)
Entries 162367
10^5
10^4
10^3
10^2
0 20 40 60 80 100 120

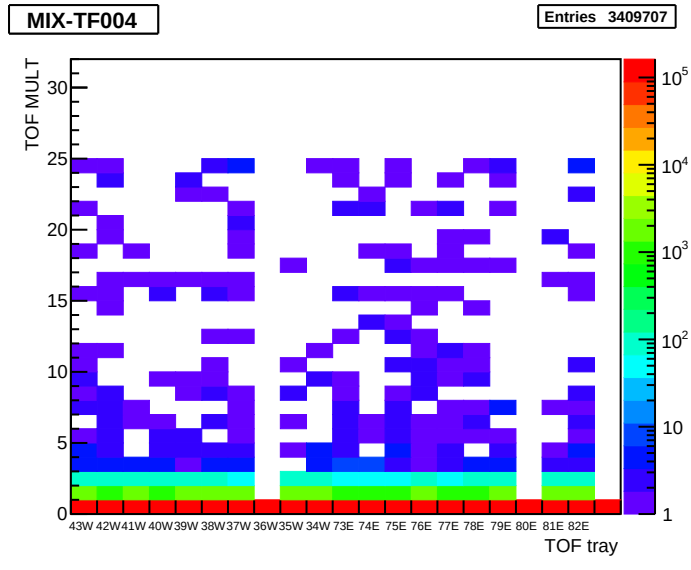

BunchId7Bit (VPD-TAC)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

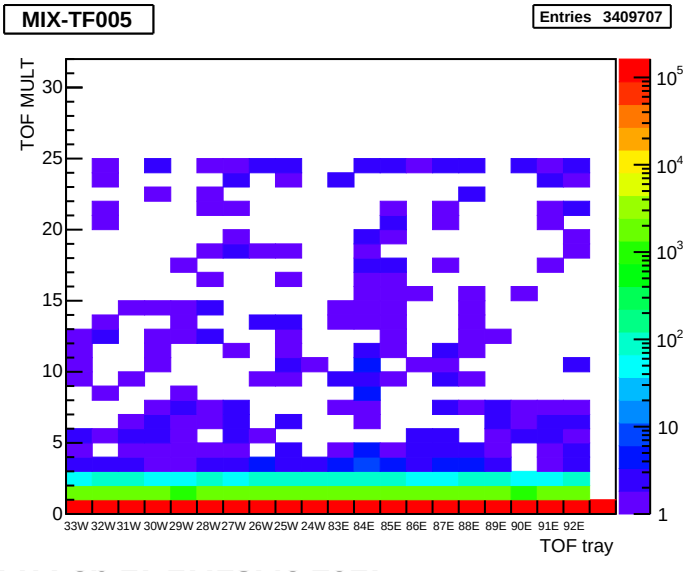

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

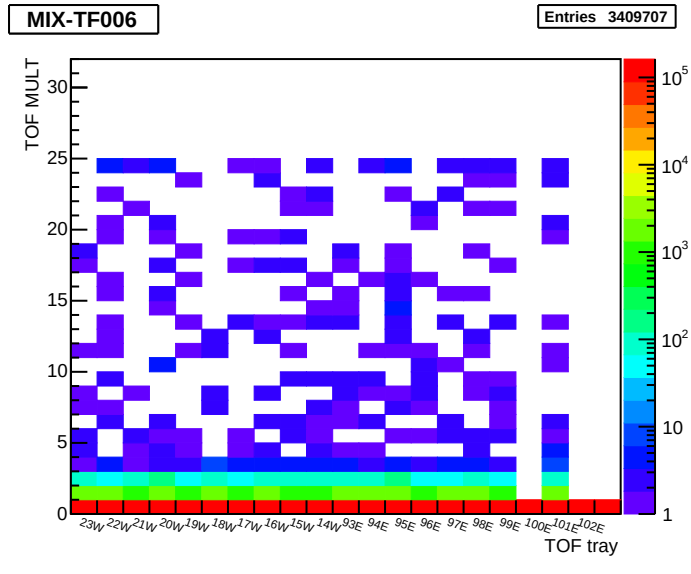

MIX-TF001
Entries 3409707
TOF MULT
TOF tray

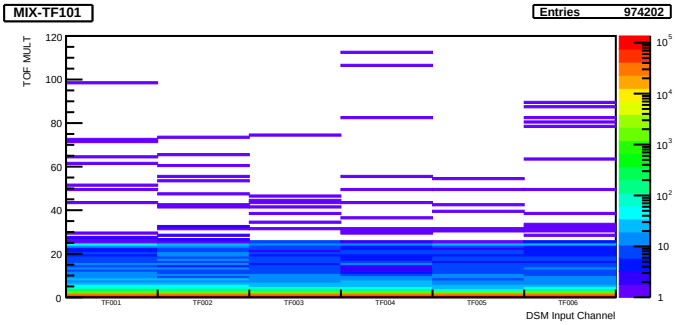

MIX-TF002
Entries 3409707
TOF MULT
TOF tray

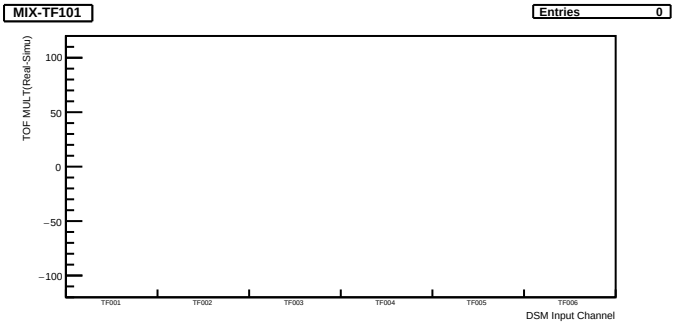

MIX-TF003
Entries 3409707
TOF MULT
TOF tray

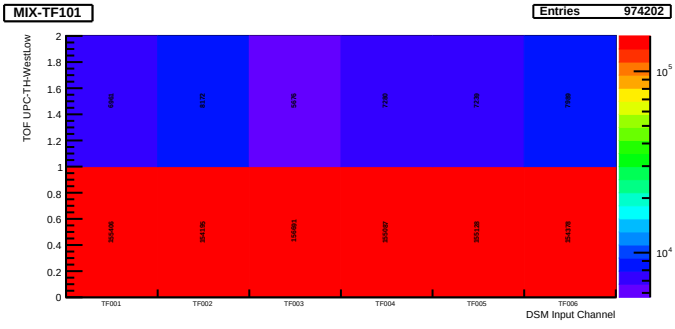

MIX-TF004
Entries 3409707
TOF MULT
TOF tray

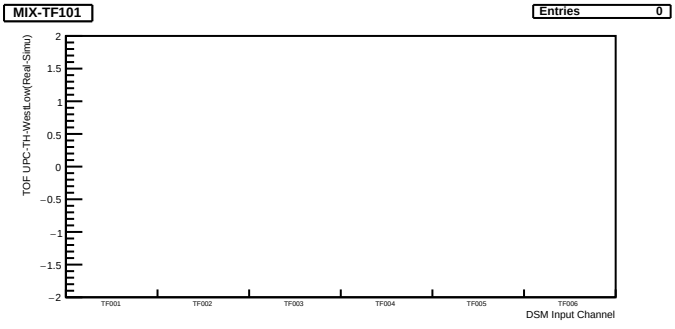

MIX-TF005
Entries 3409707
TOF MULT
TOF tray

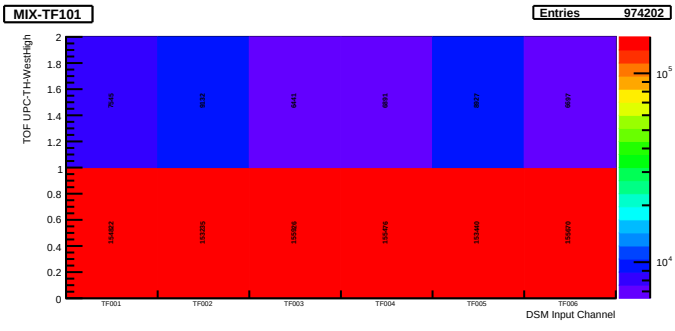

MIX-TF006
Entries 3409707
TOF MULT
TOF tray

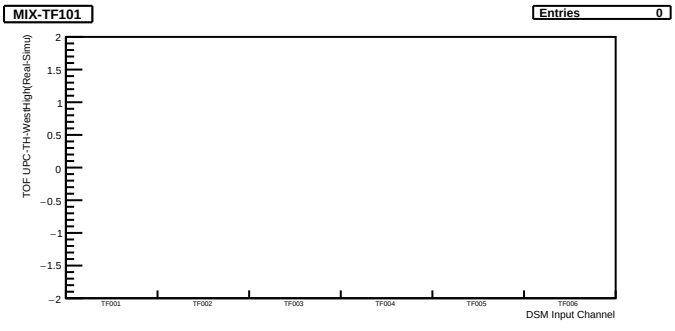

MIX-TF101
Entries 974202
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

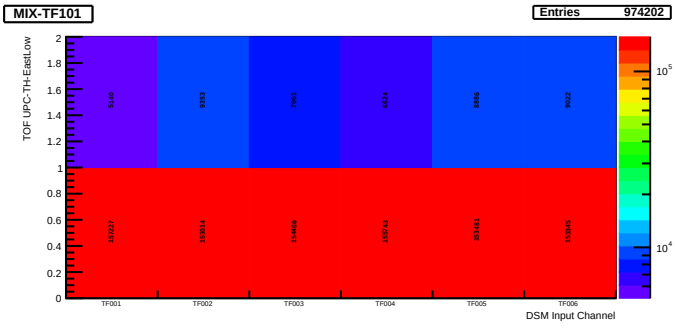

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

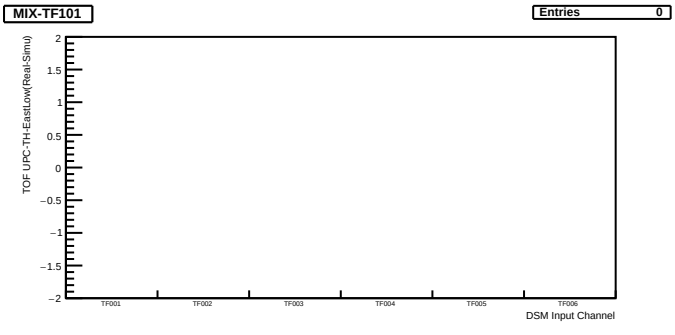

MIX-TF101
Entries 974202
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

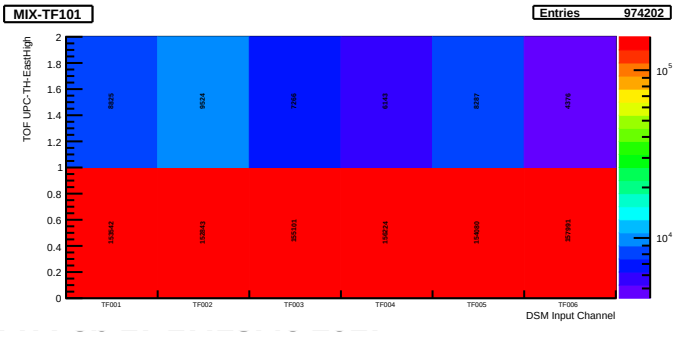

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

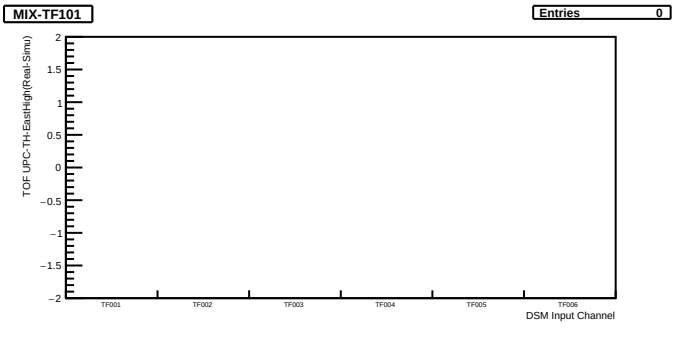

MIX-TF101
Entries 974202
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

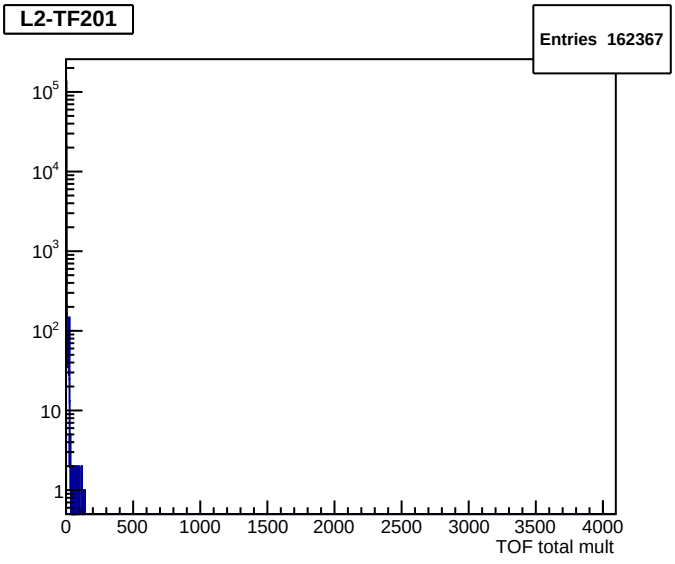

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

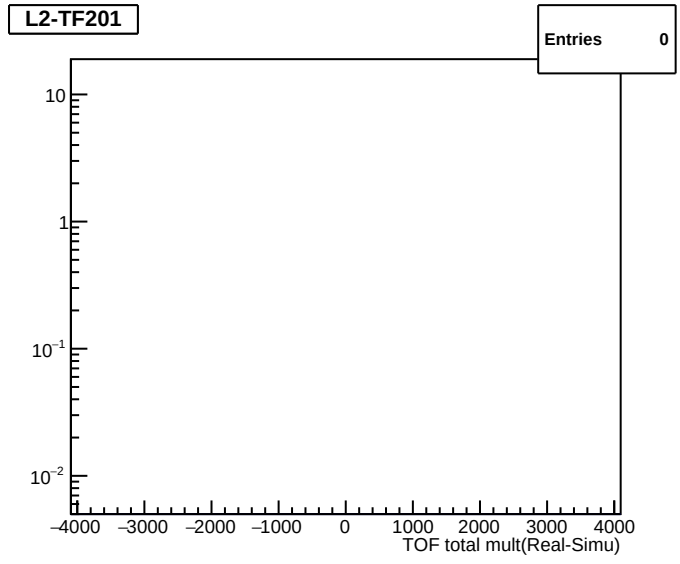

MIX-TF101
Entries 974202
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

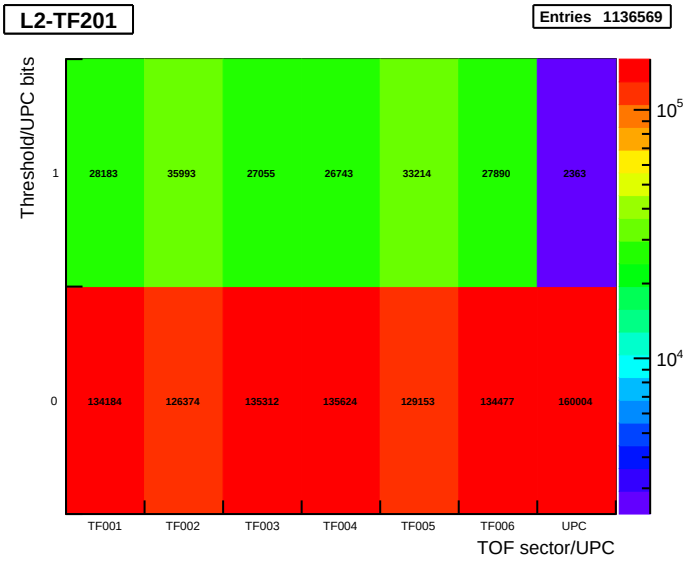

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

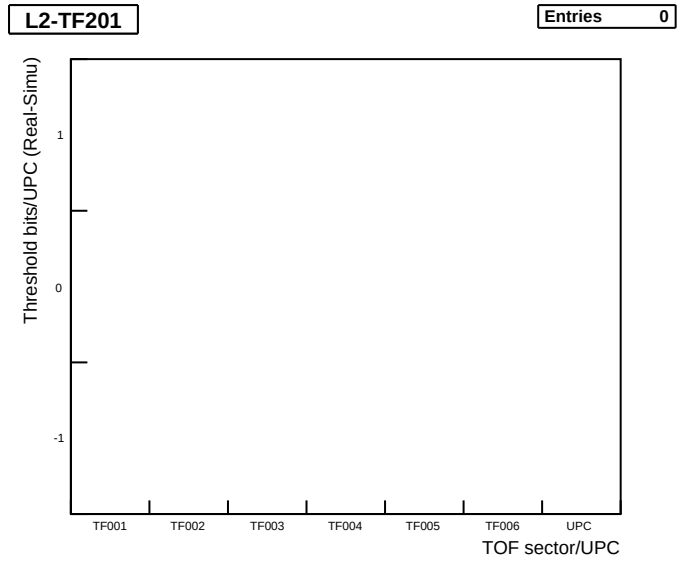

MIX-TF101
Entries 974202
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

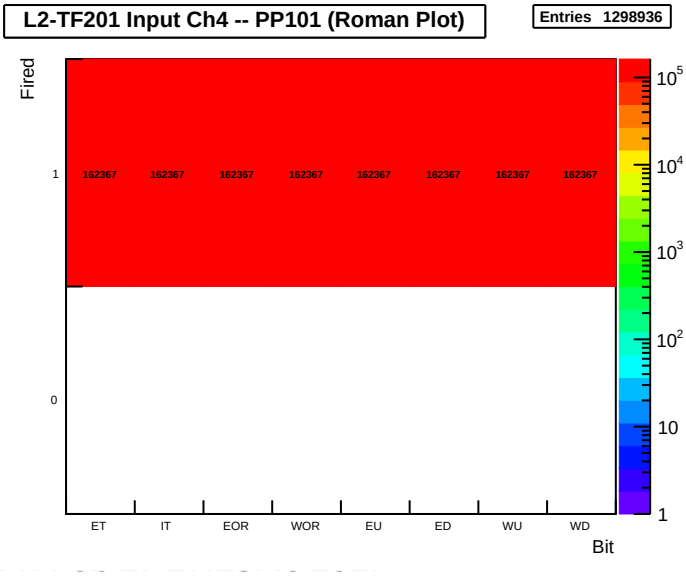

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

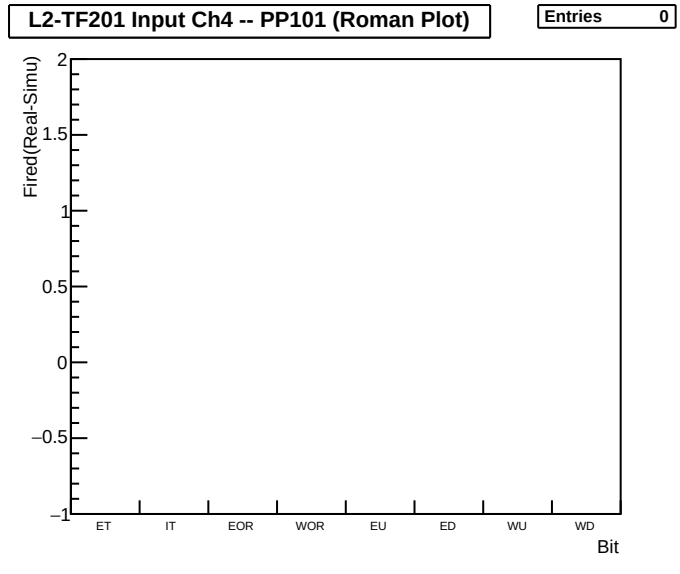

L2-TF201
Entries 162367
TOF total mult

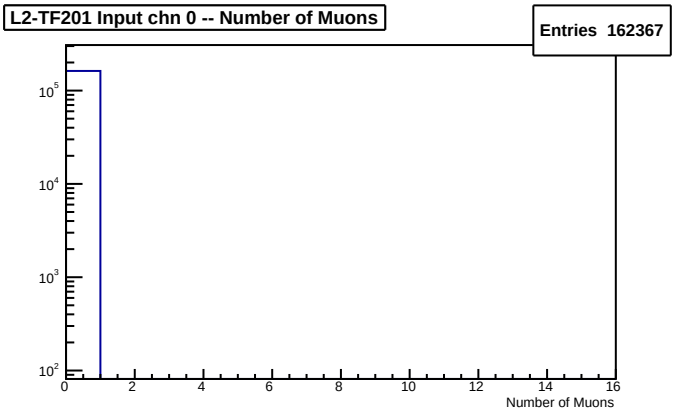

L2-TF201
Entries 0
TOF total mult(Real-Simu)

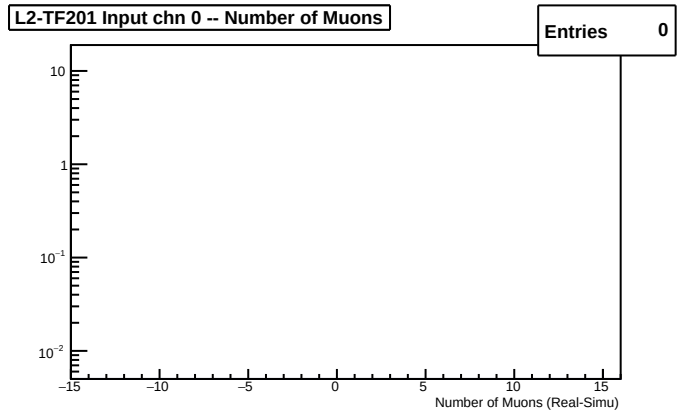

L2-TF201
Entries 1136569
Threshold/UPC bits
28183
35993
27055
26743
33214
27890
2363
134184
126374
135312
135624
129153
134477
160004
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

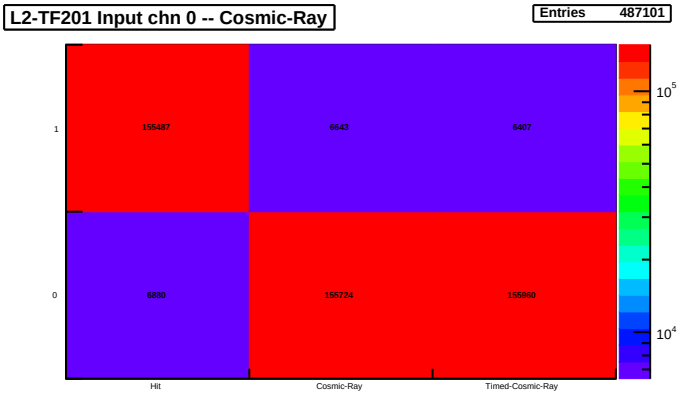

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

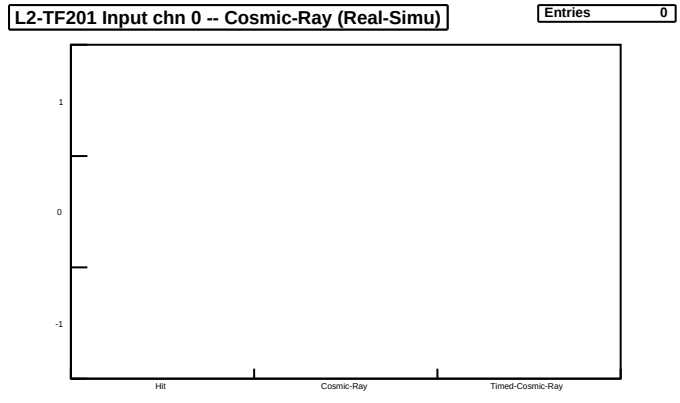

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1298936
Fired
162367
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

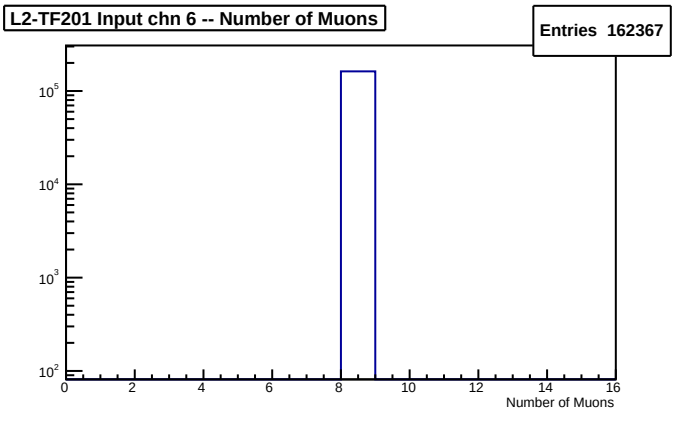

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

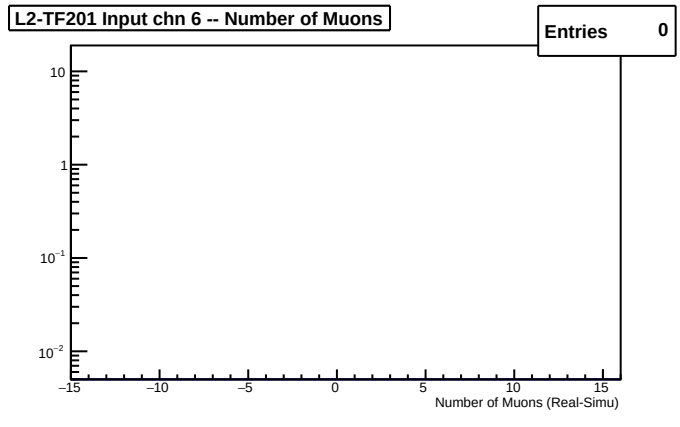

L2-TF201 Input chn 0 -- Number of Muons
Entries 162367
Number of Muons

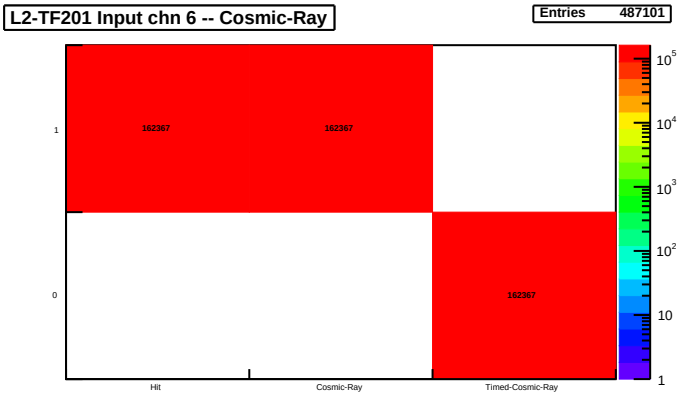

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

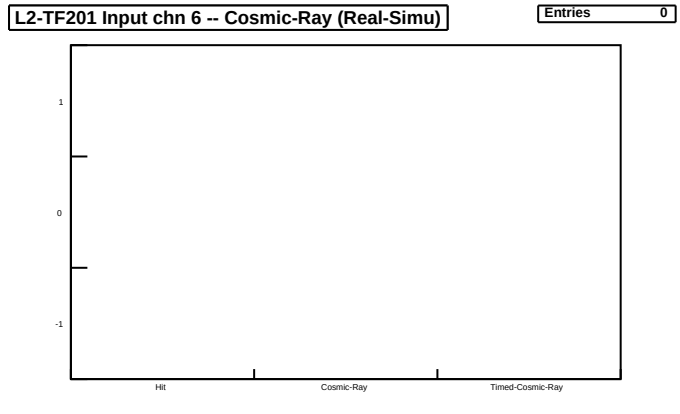

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 487101
155487
6643
6407
6880
155724
155960
Hit
Cosmic-Ray
Timed-Cosmic-Ray

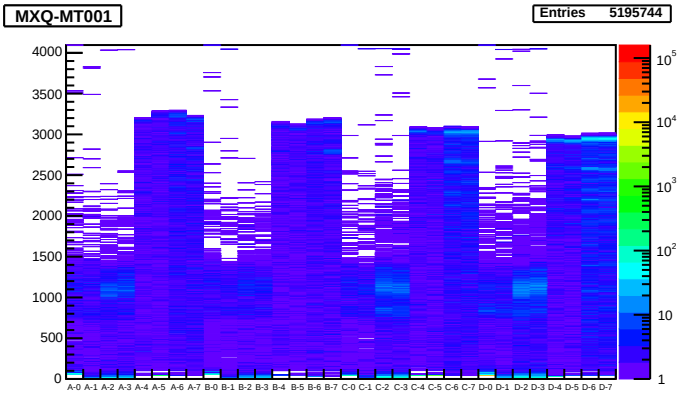

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

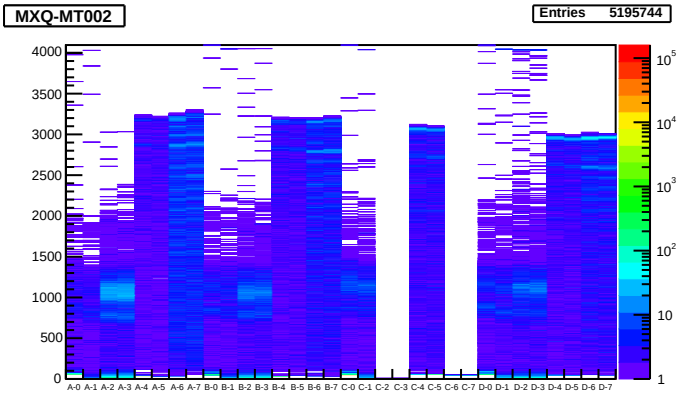

L2-TF201 Input chn 6 -- Number of Muons
Entries 162367
Number of Muons

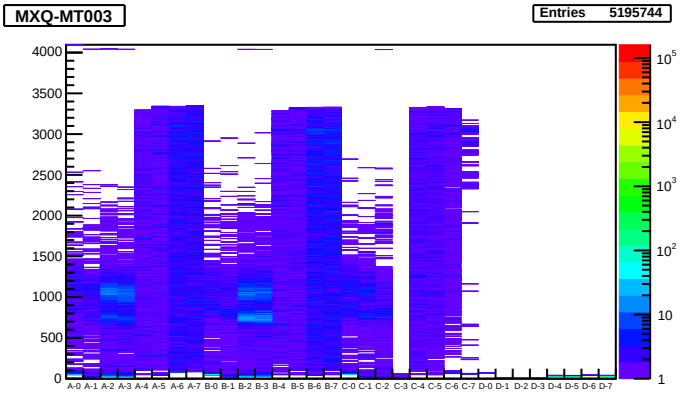

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

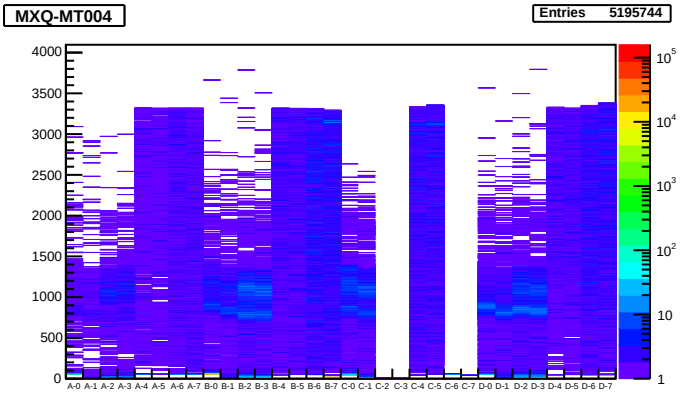

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 487101
162367
162367
162367
Hit
Cosmic-Ray
Timed-Cosmic-Ray

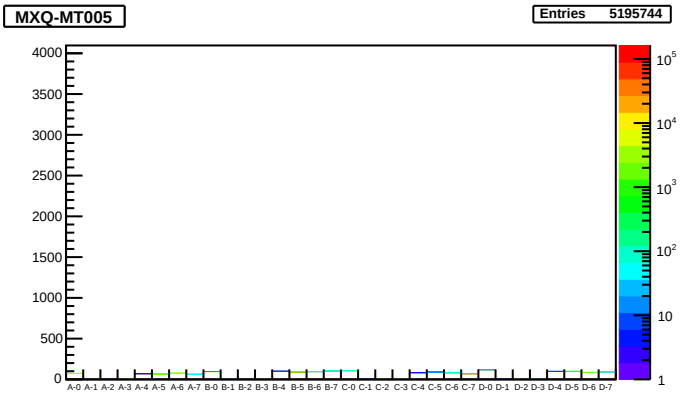

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

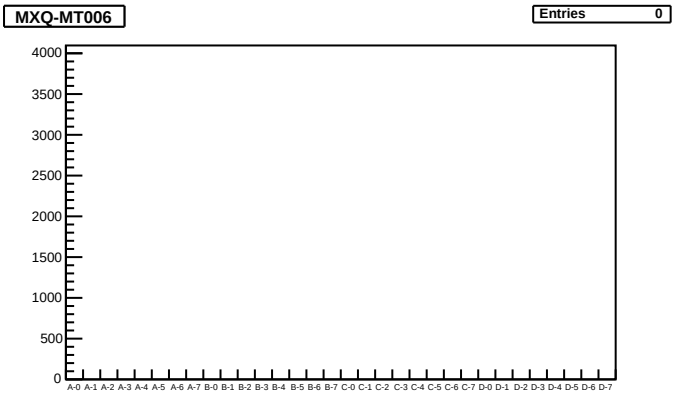

MXQ-MT001
Entries 5195744

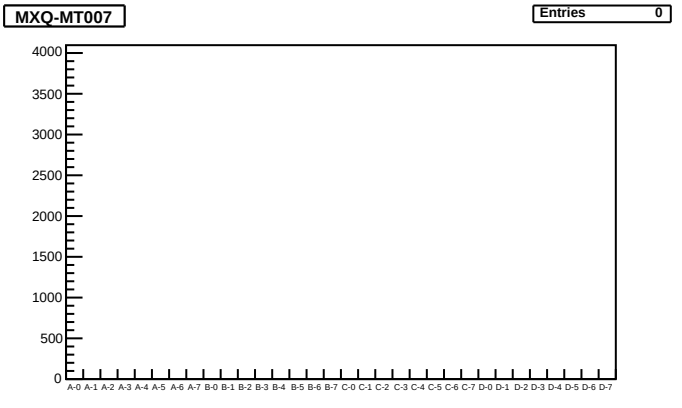

MXQ-MT002
Entries 5195744

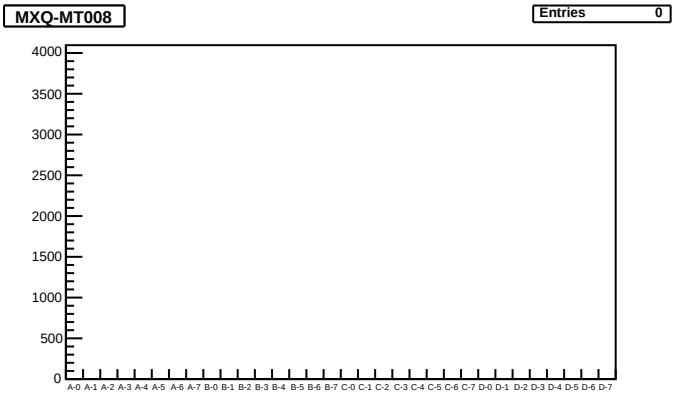

MXQ-MT003
Entries 5195744

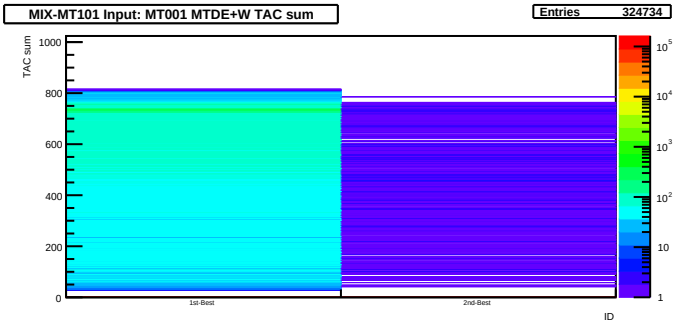

MXQ-MT004
Entries 5195744

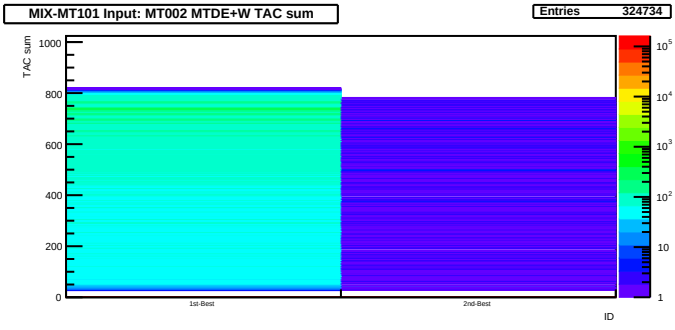

MXQ-MT005
Entries 5195744

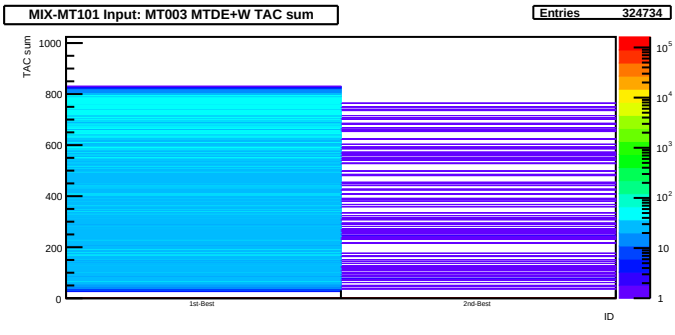

MXQ-MT006
Entries 0

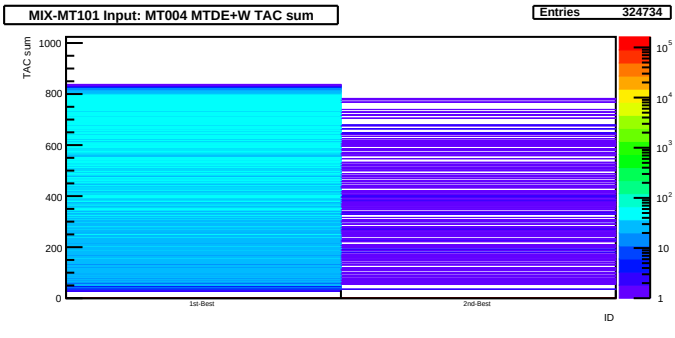

MXQ-MT007
Entries 0

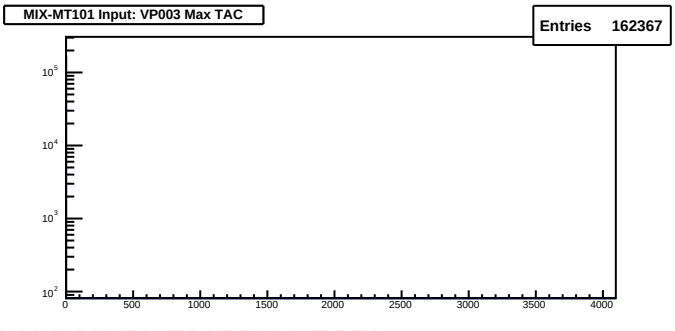

MXQ-MT008
Entries 0

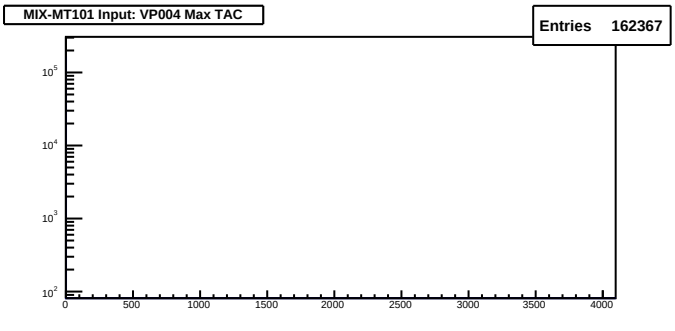

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 324734
TAC sum
1st-Best
2nd-Best
ID

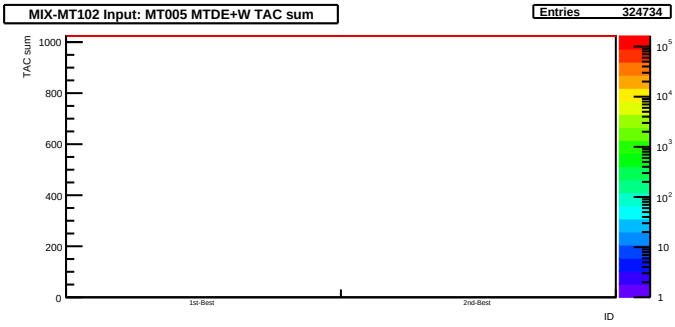

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 324734
TAC sum
1st-Best
2nd-Best
ID

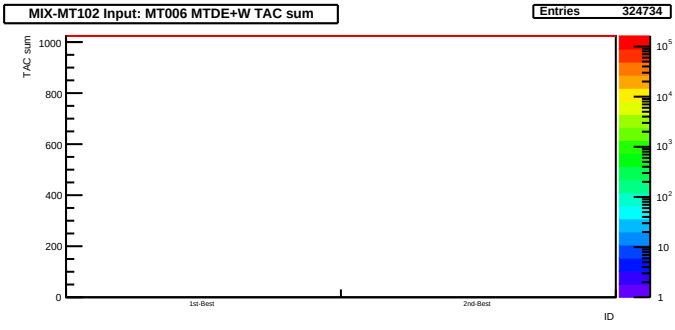

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 324734
TAC sum
1st-Best
2nd-Best
ID

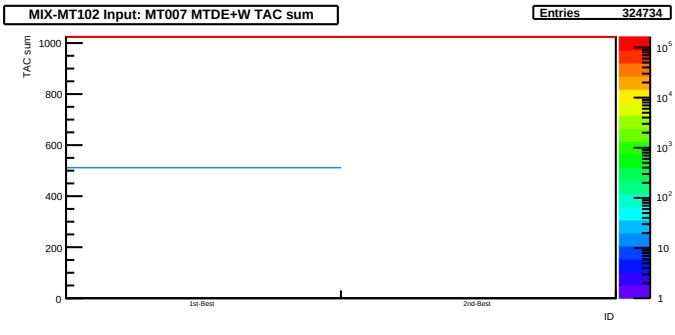

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 324734
TAC sum
1st-Best
2nd-Best
ID

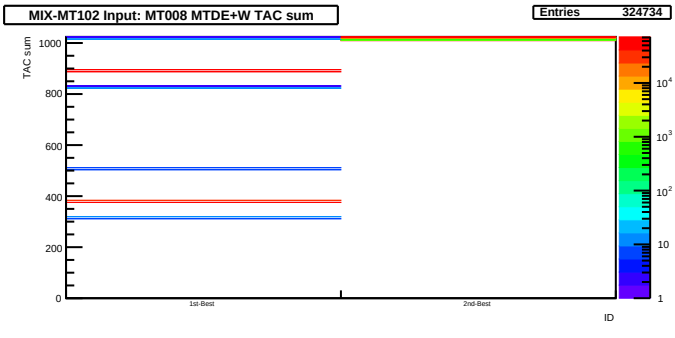

MIX-MT101 Input: VP003 Max TAC
Entries 162367

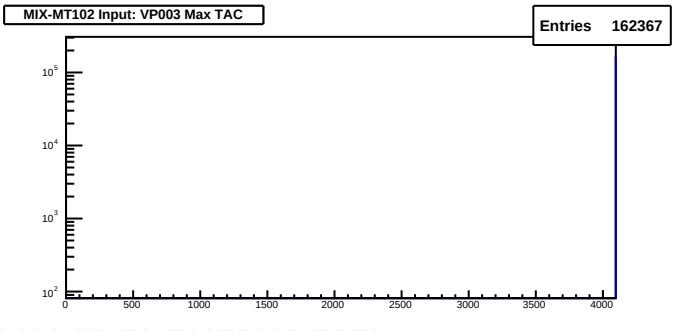

MIX-MT101 Input: VP004 Max TAC
Entries 162367

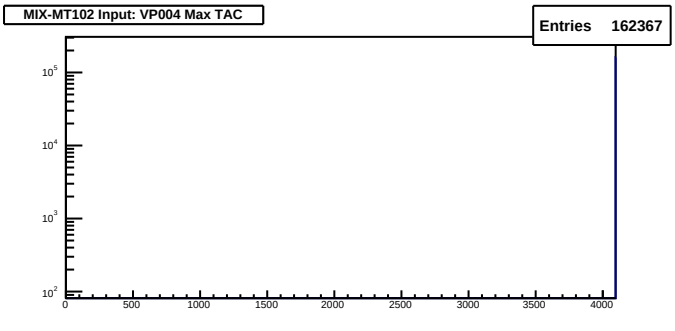

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 324734
TAC sum
1st-Best
2nd-Best
ID

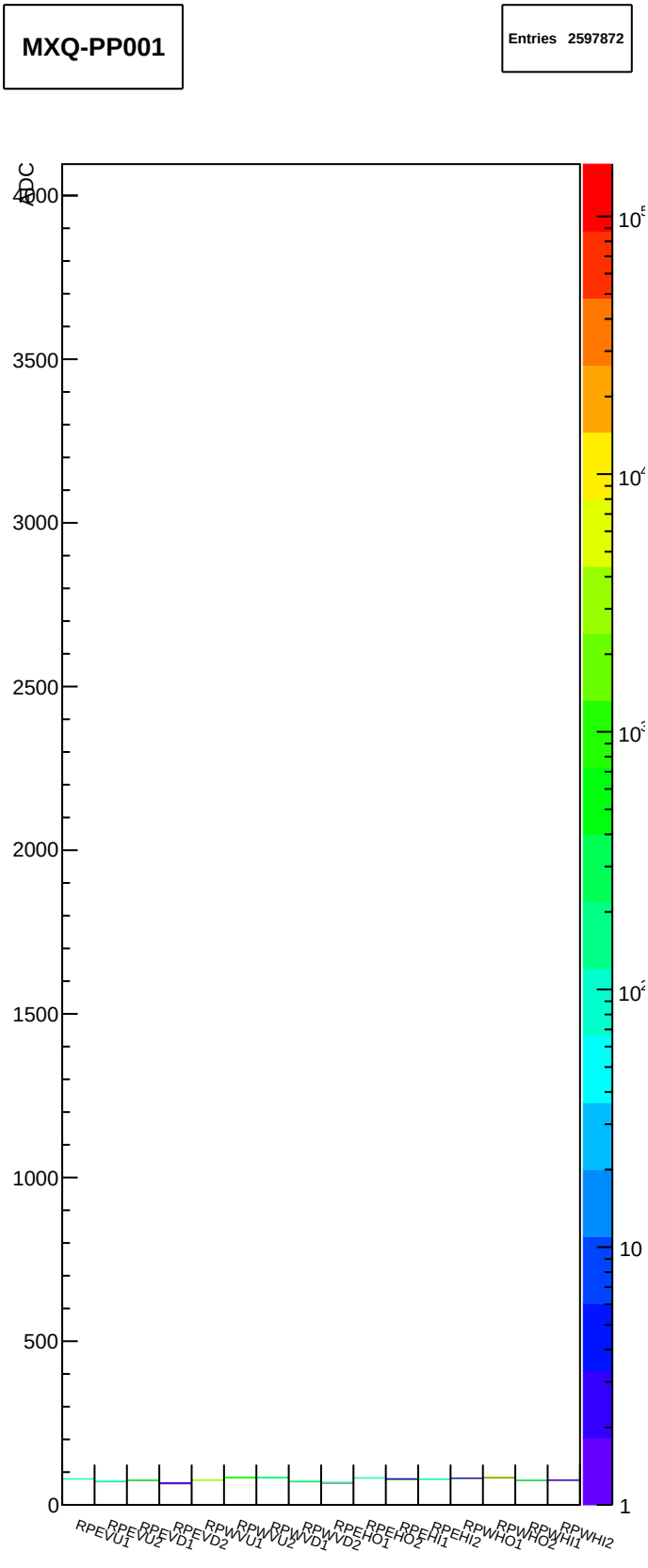

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 324734
TAC sum
1st-Best
2nd-Best
ID

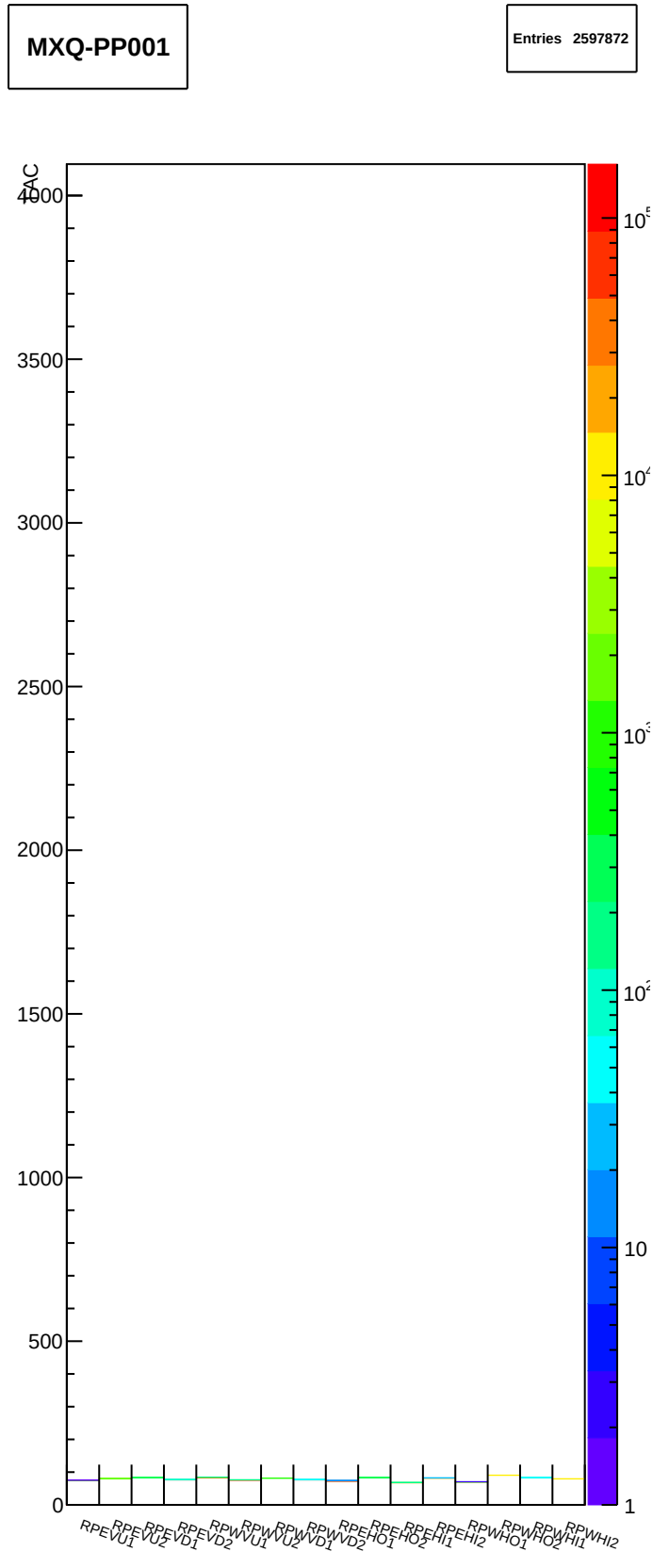

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 324734
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 324734
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 162367


MIX-MT102 Input: VP004 Max TAC
Entries 162367


MXQ-PP001
Entries 2597872
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1


MXQ-PP001
Entries 2597872
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
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RPEHI1
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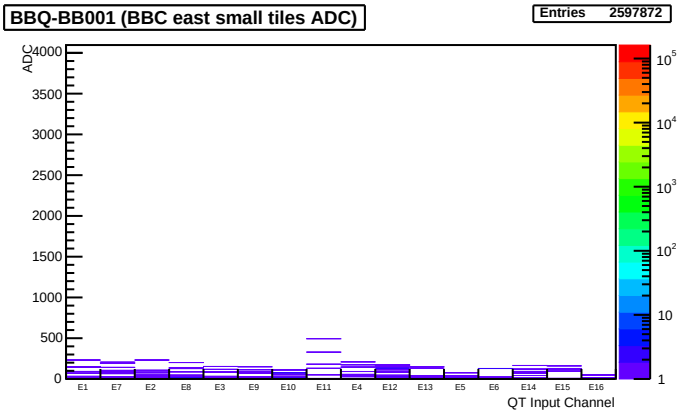
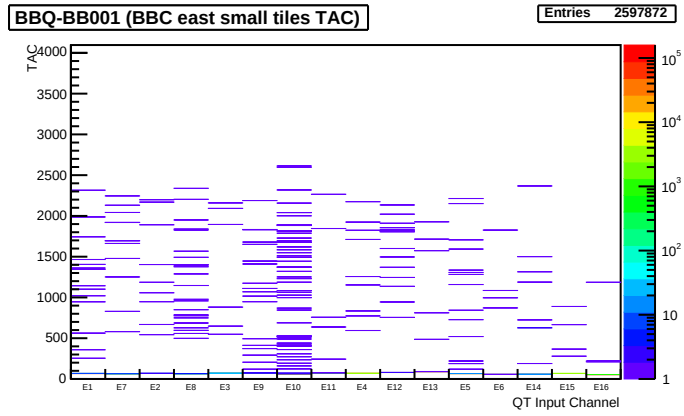
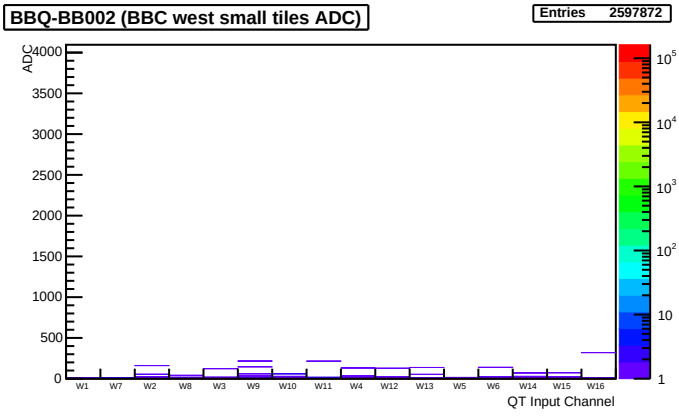
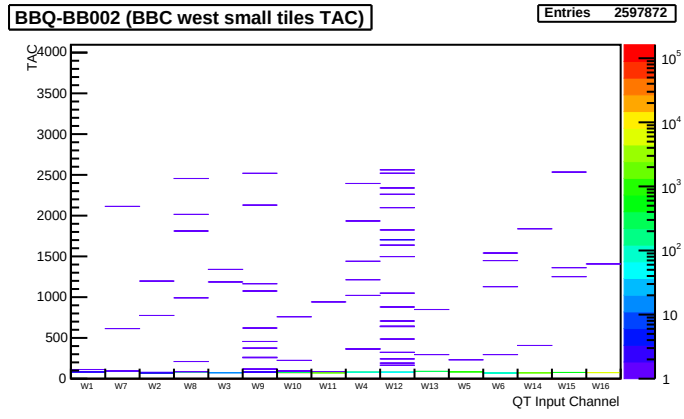
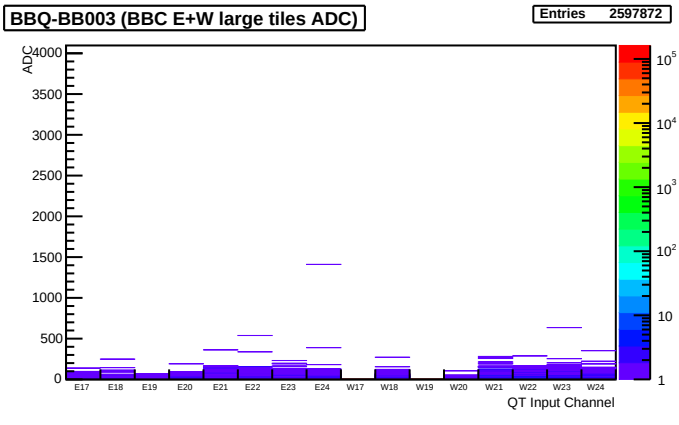
RPWHO2
RPWHI1
RPWHI2
10
1

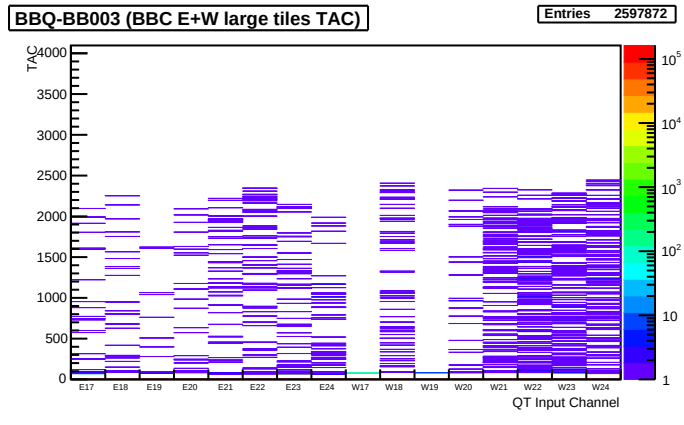

BBQ-BB001 (BBC east small tiles ADC)
Entries 2597872
ADC
QT Input Channel

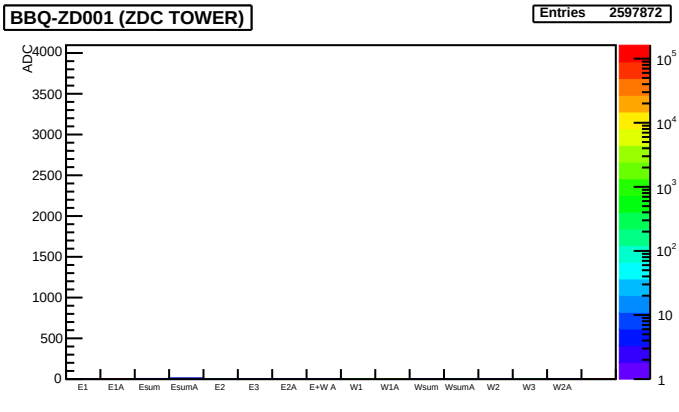

BBQ-BB001 (BBC east small tiles TAC)
Entries 2597872
TAC
QT Input Channel

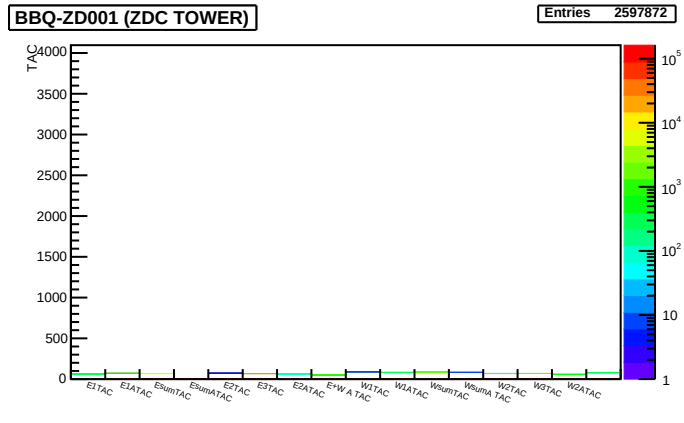

BBQ-BB002 (BBC west small tiles ADC)
Entries 2597872
ADC
QT Input Channel

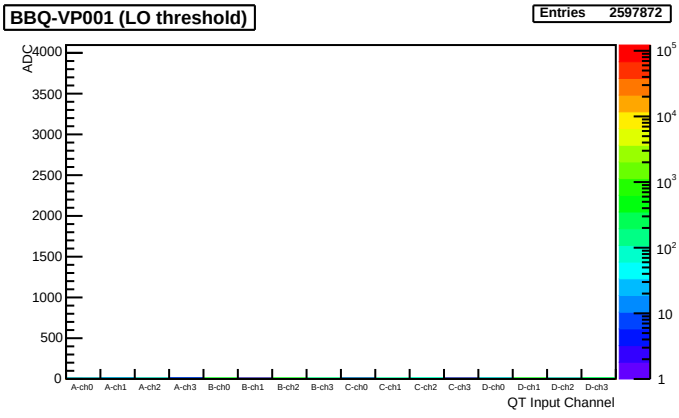

BBQ-BB002 (BBC west small tiles TAC)
Entries 2597872
TAC
QT Input Channel

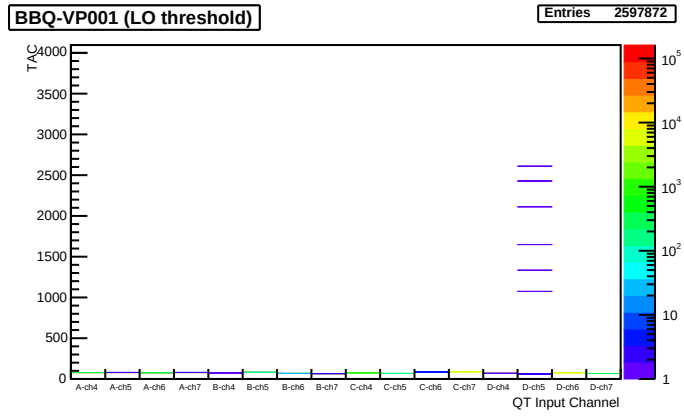

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2597872
ADC
QT Input Channel

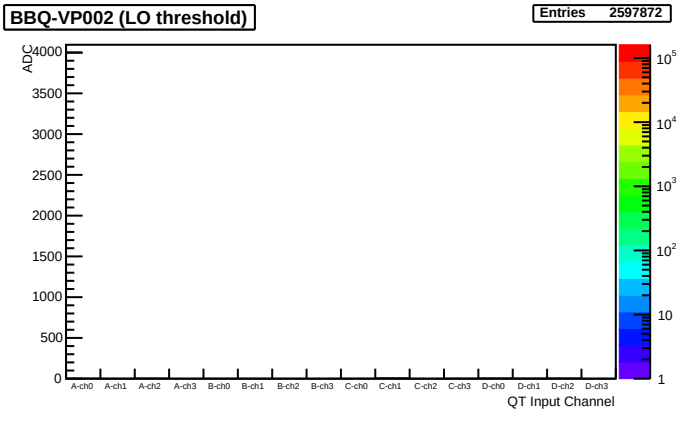

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2597872
TAC
QT Input Channel

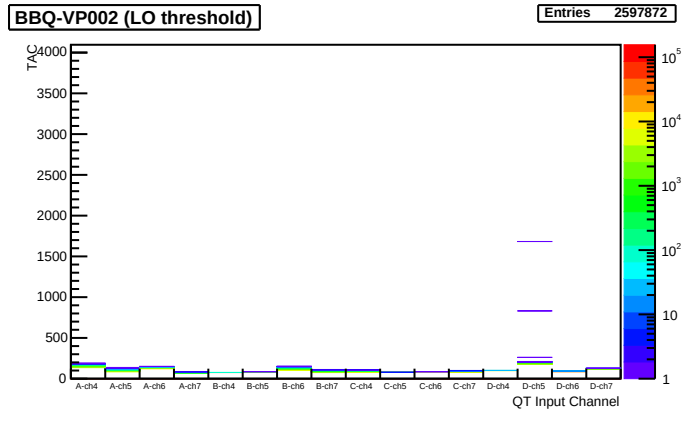

BBQ-ZD001 (ZDC TOWER)
Entries 2597872
ADC

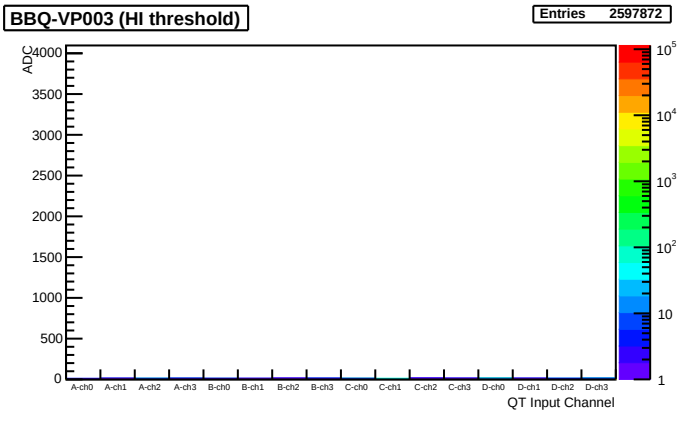

BBQ-ZD001 (ZDC TOWER)
Entries 2597872
TAC

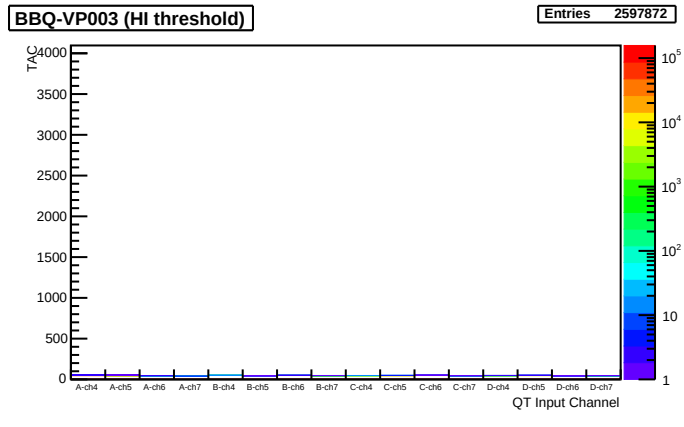

BBQ-VP001 (LO threshold)
Entries 2597872
ADC
QT Input Channel

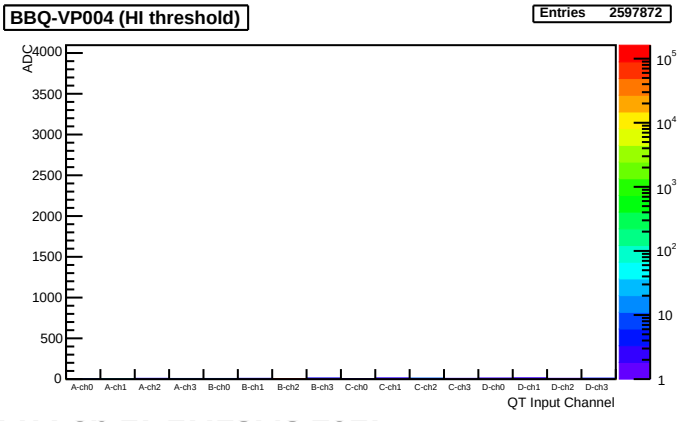

BBQ-VP001 (LO threshold)
Entries 2597872
TAC
QT Input Channel

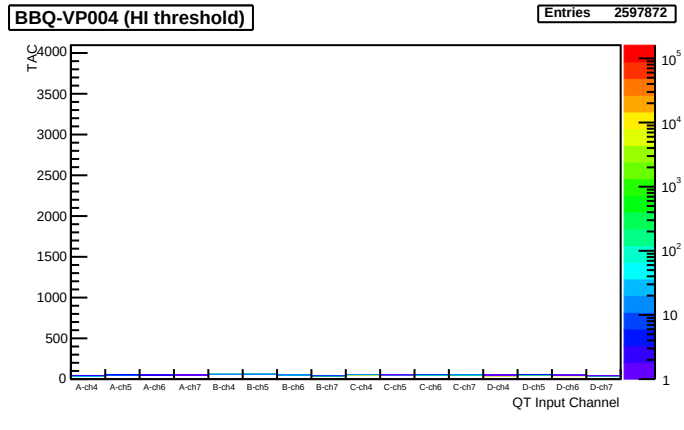

BBQ-VP002 (LO threshold)
Entries 2597872
ADC
QT Input Channel

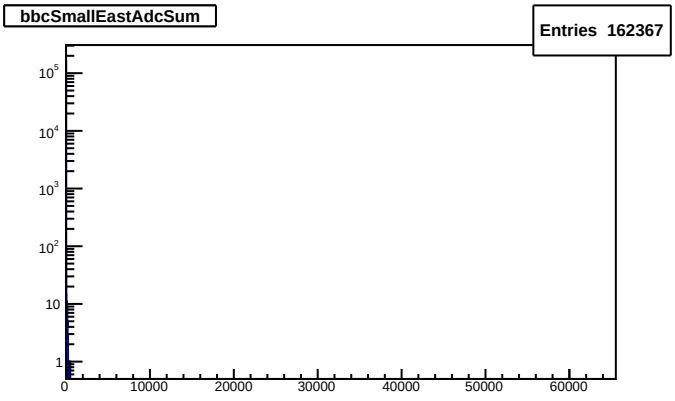

BBQ-VP002 (LO threshold)
Entries 2597872
TAC
QT Input Channel

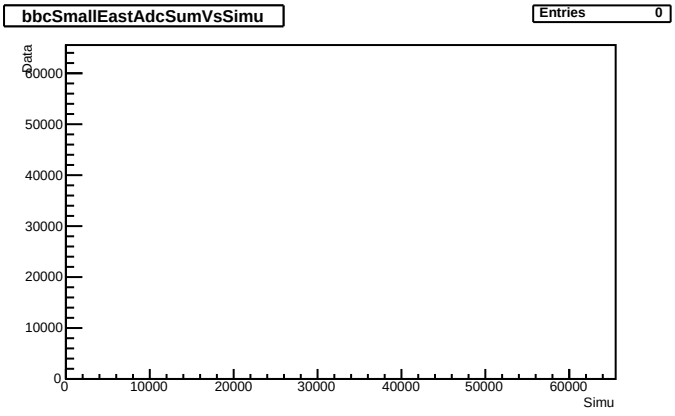

BBQ-VP003 (HI threshold)
Entries 2597872
ADC
QT Input Channel

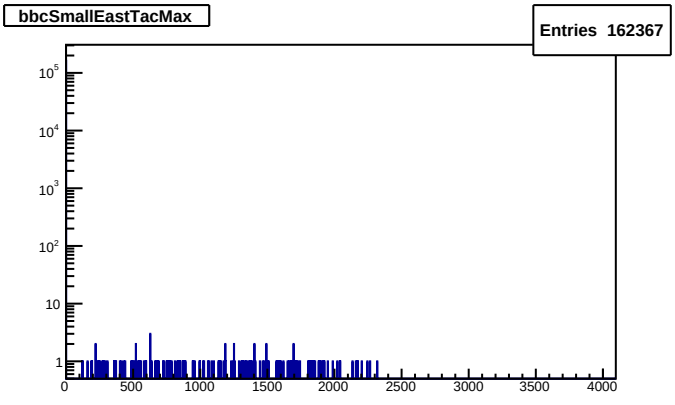

BBQ-VP003 (HI threshold)
Entries 2597872
TAC
QT Input Channel

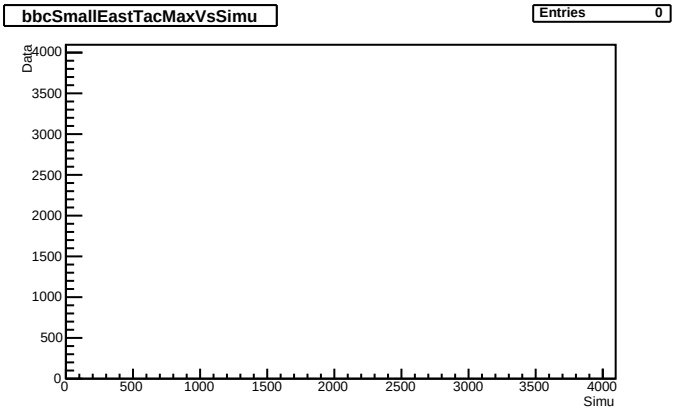

BBQ-VP004 (HI threshold)
Entries 2597872
ADC
QT Input Channel

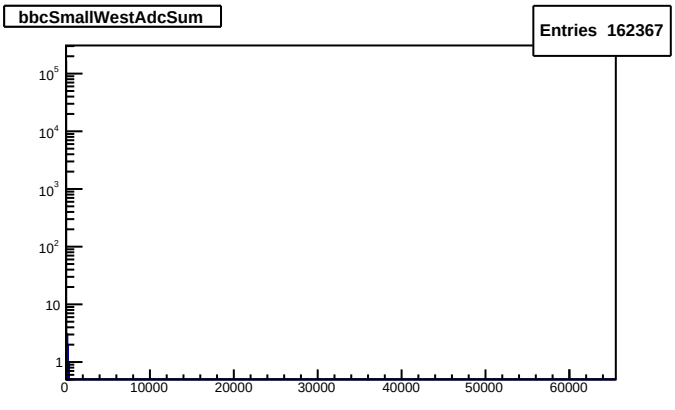

BBQ-VP004 (HI threshold)
Entries 2597872
TAC
QT Input Channel

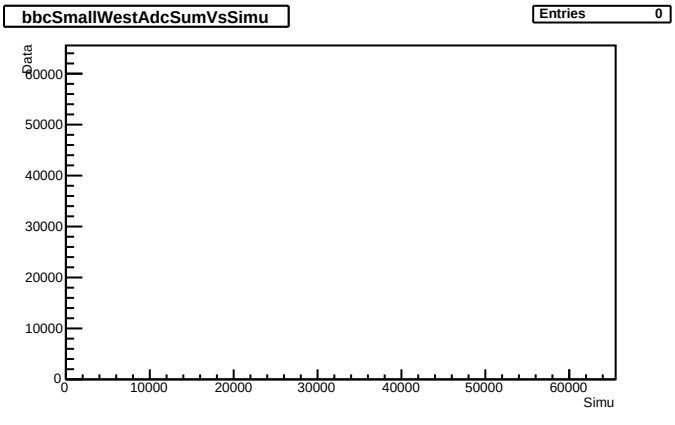

bbcSmallEastAdcSum
Entries 162367

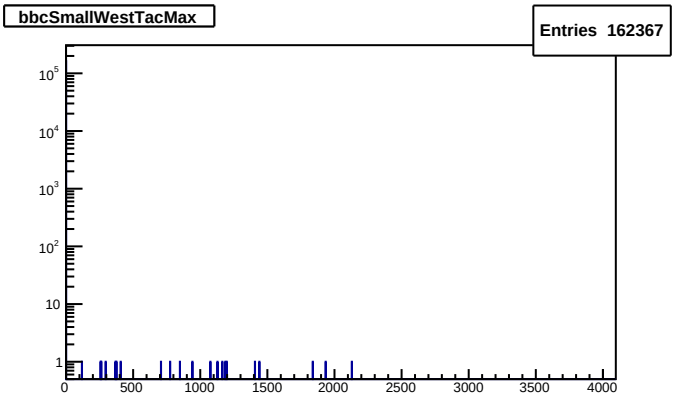

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

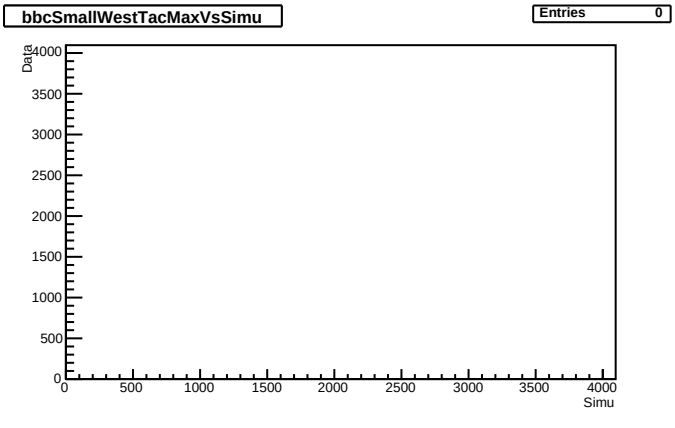

bbcSmallEastTacMax
Entries 162367

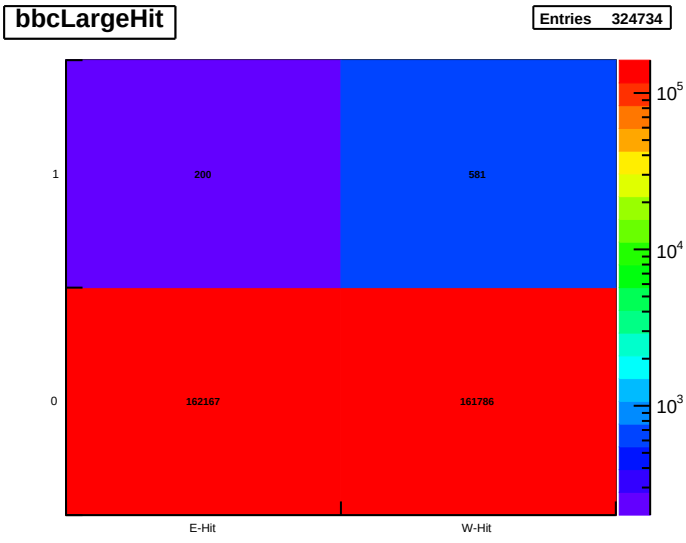

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

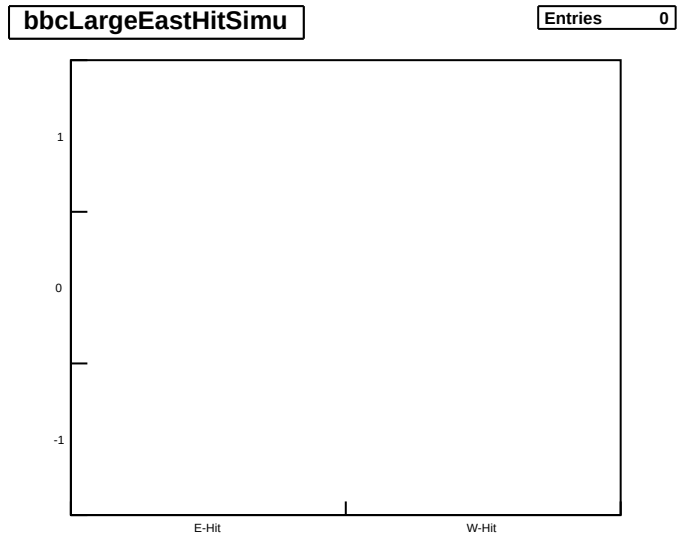

bbcSmallWestAdcSum
Entries 162367

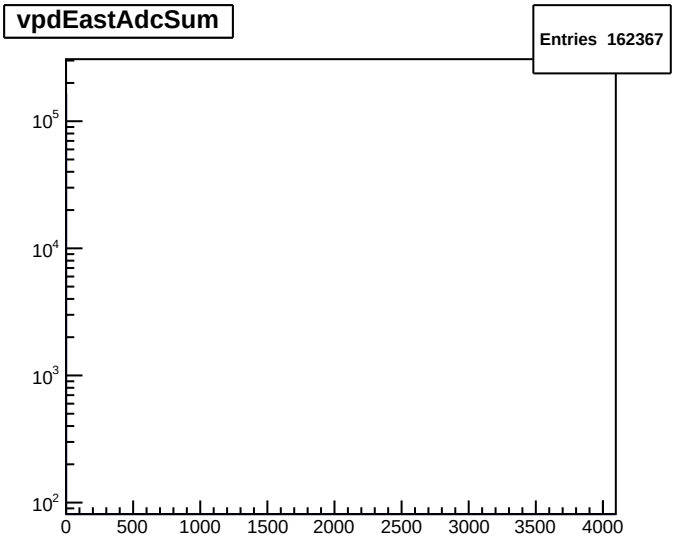

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

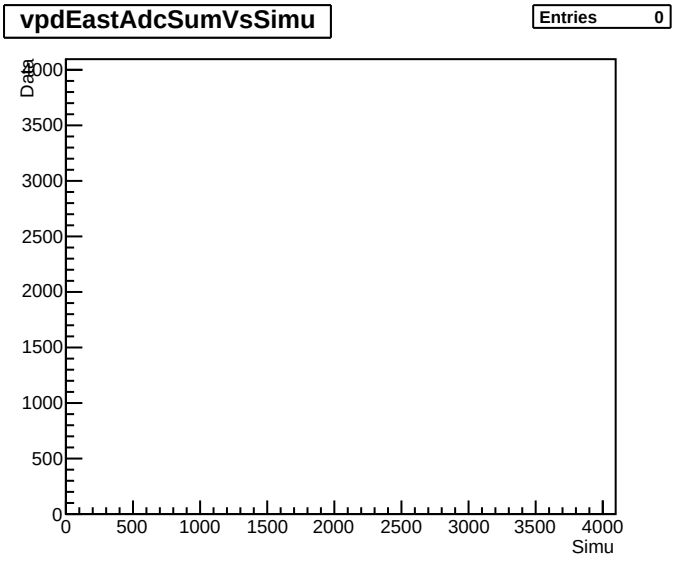

bbcSmallWestTacMax
Entries 162367

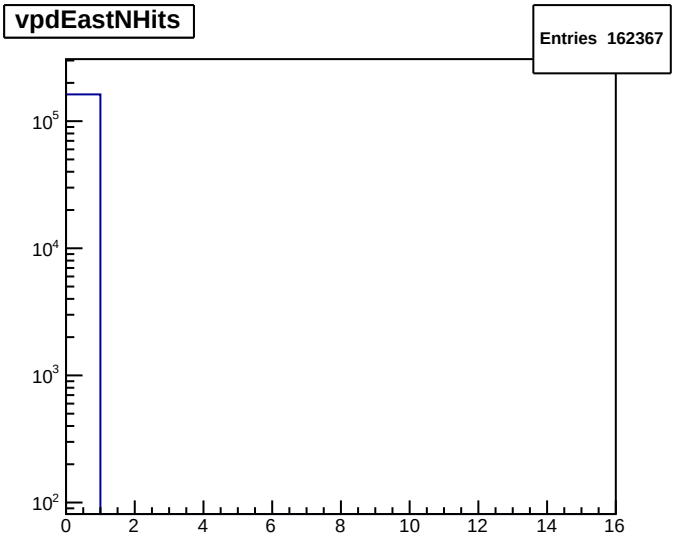

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

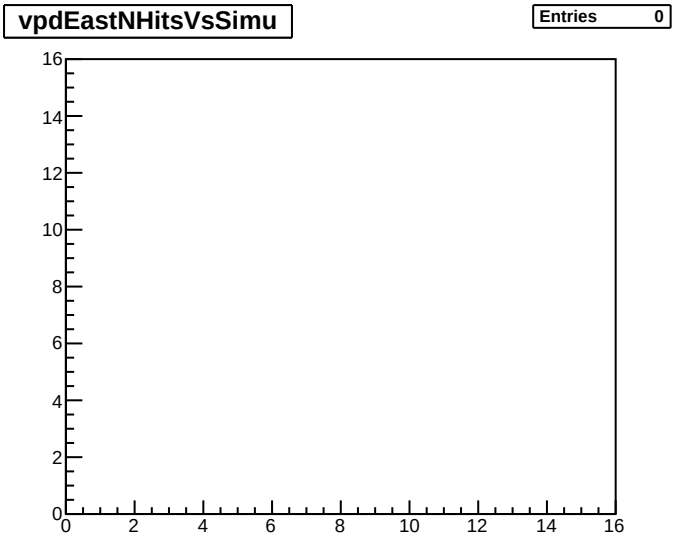

bbcLargeHit
Entries 324734
1
0
200
581
162167
161786
E-Hit
W-Hit
10^5
10^4
10^3

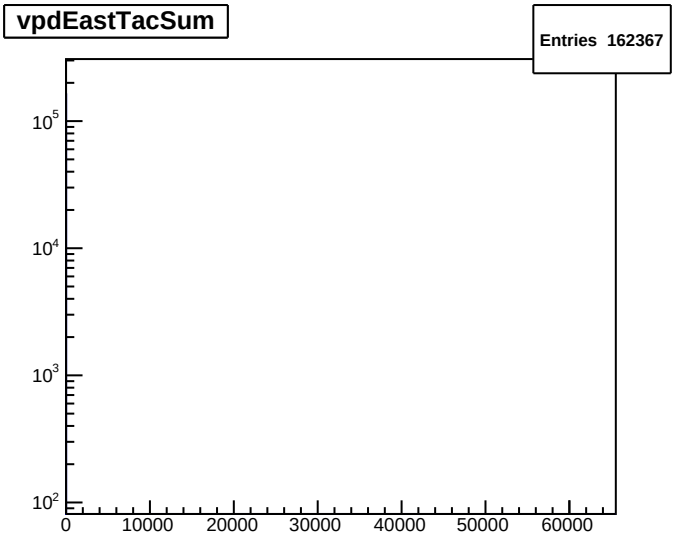

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

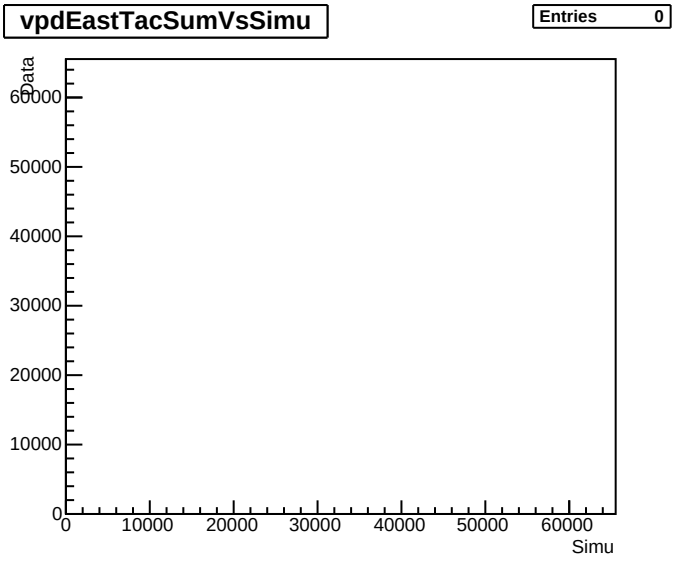

vpdEastAdcSum
Entries 162367
10^5
10^4
10^3
10^2
0 500 1000 1500 2000 2500 3000 3500 4000

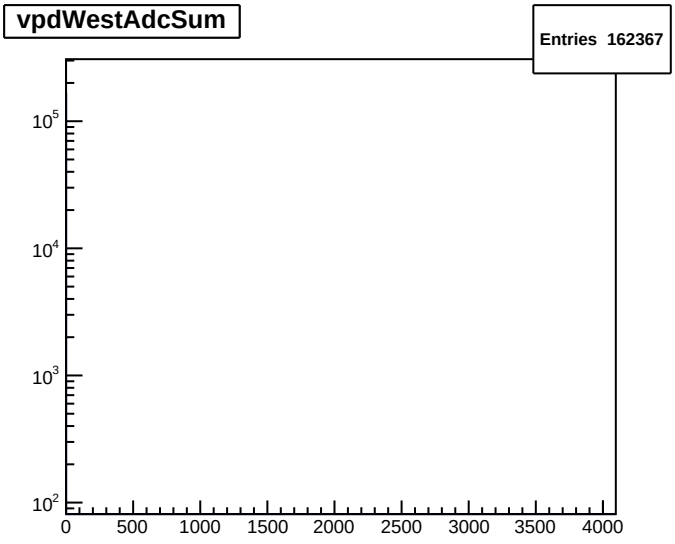

vpdEastAdcSumVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

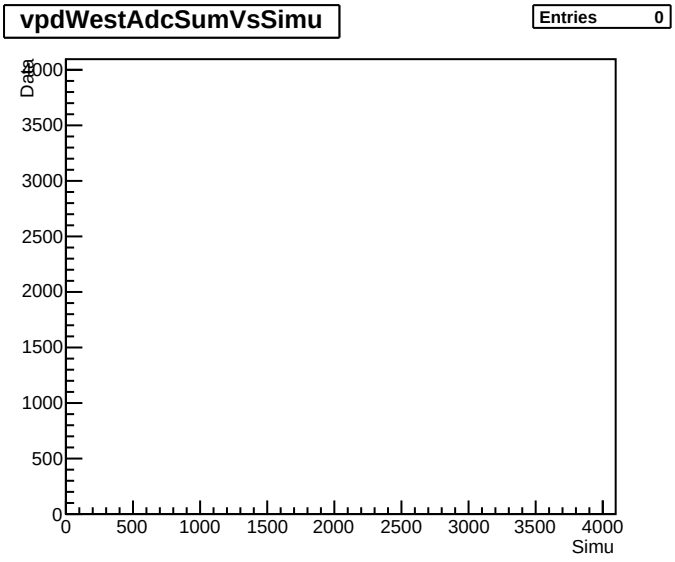

vpdEastNHits
Entries 162367
10^5
10^4
10^3
10^2
0 2 4 6 8 10 12 14 16

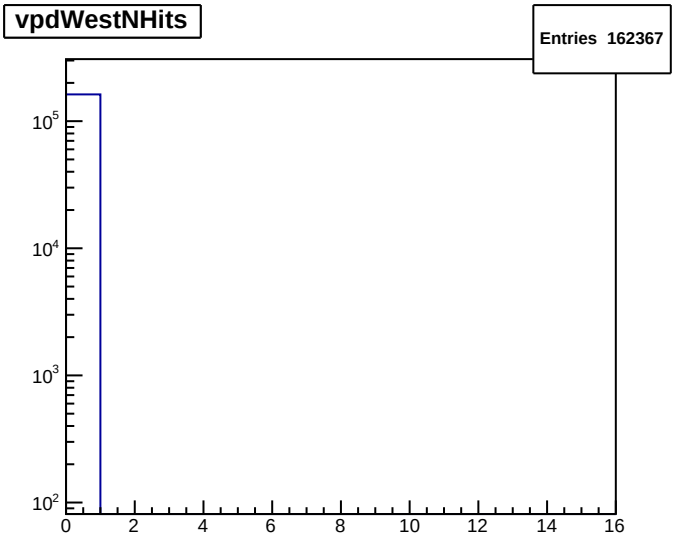

vpdEastNHitsVsSimu
Entries 0
16
14
12
10
8
6
4
2
0
0 2 4 6 8 10 12 14 16

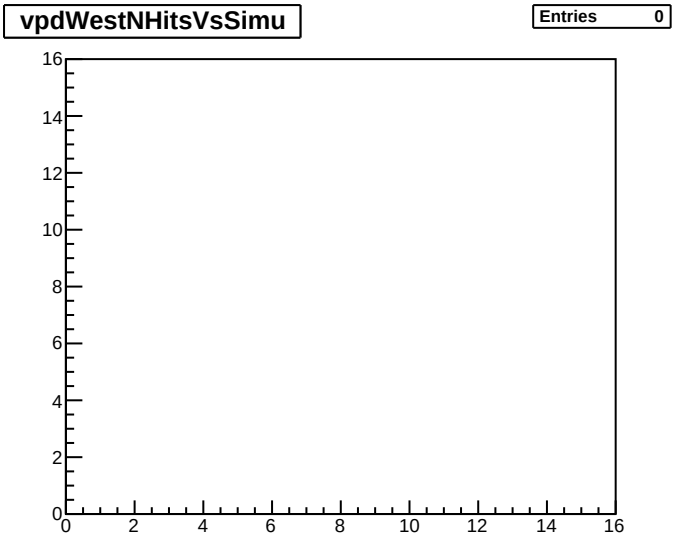

vpdEastTacSum
Entries 162367
10^5
10^4
10^3
10^2
0 10000 20000 30000 40000 50000 60000

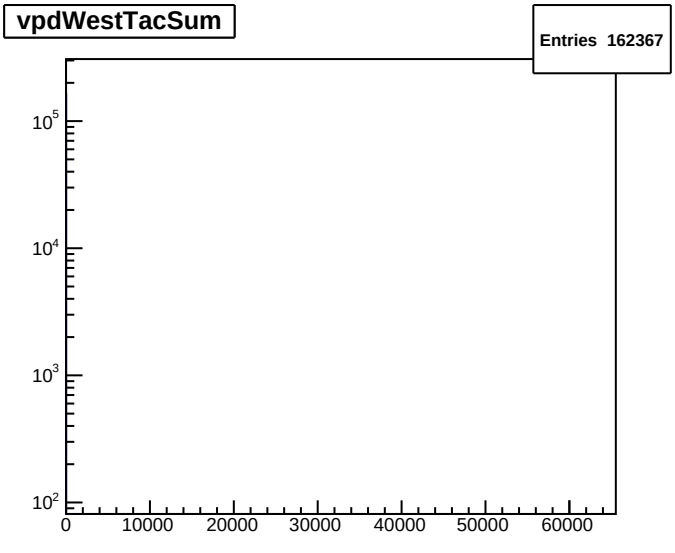

vpdEastTacSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0 10000 20000 30000 40000 50000 60000
Simu

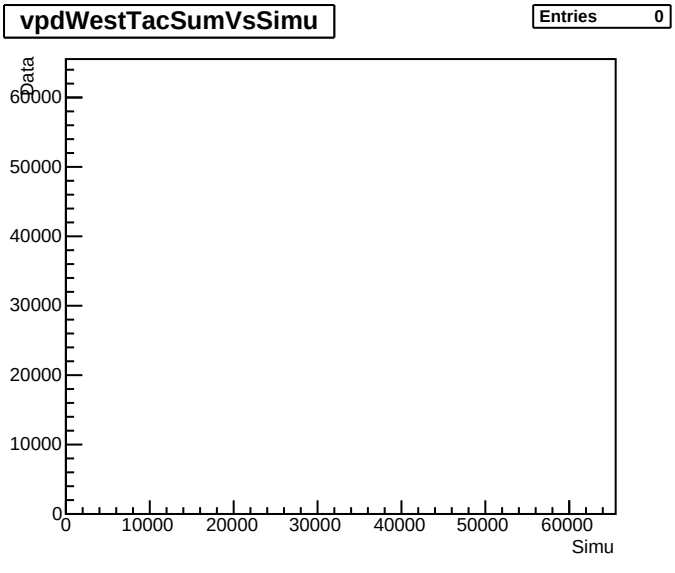

vpdWestAdcSum
Entries 162367
10^5
10^4
10^3
10^2
0 500 1000 1500 2000 2500 3000 3500 4000

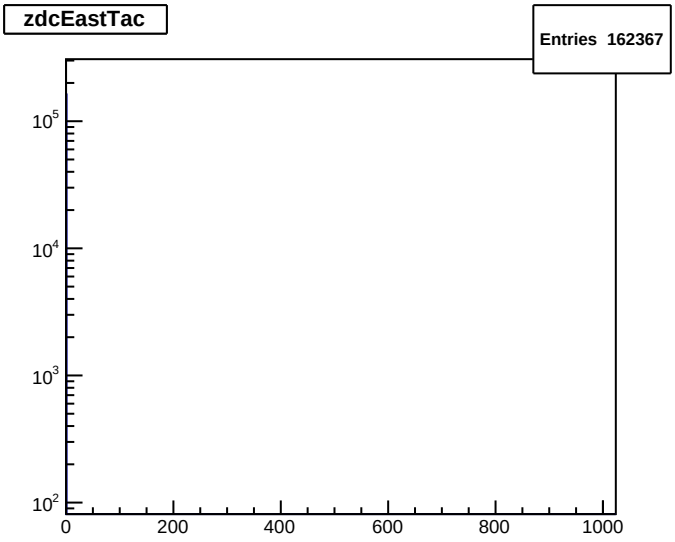

vpdWestAdcSumVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

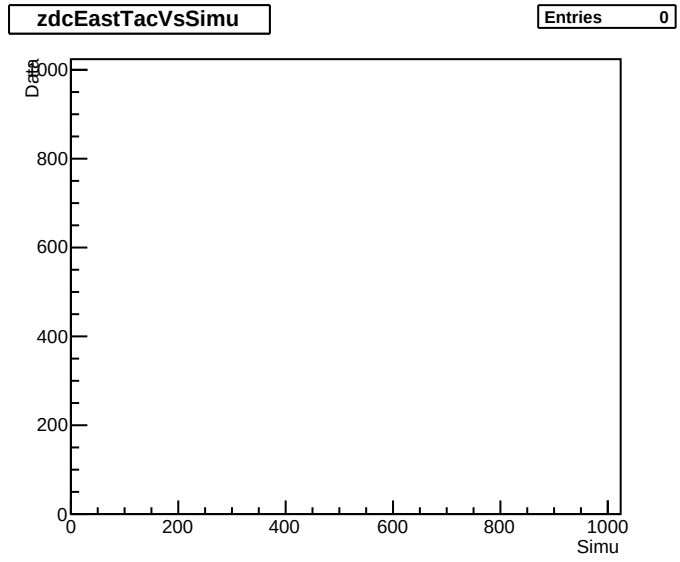

vpdWestNHits
Entries 162367
10^5
10^4
10^3
10^2
0 2 4 6 8 10 12 14 16

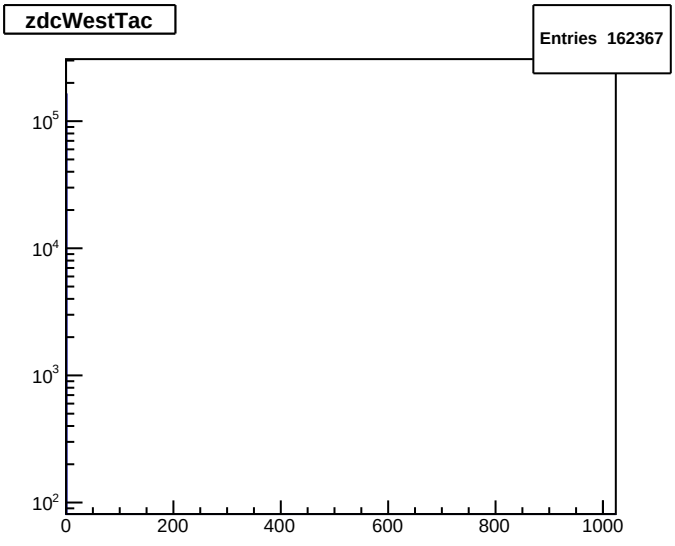

vpdWestNHitsVsSimu
Entries 0
16
14
12
10
8
6
4
2
0
0 2 4 6 8 10 12 14 16

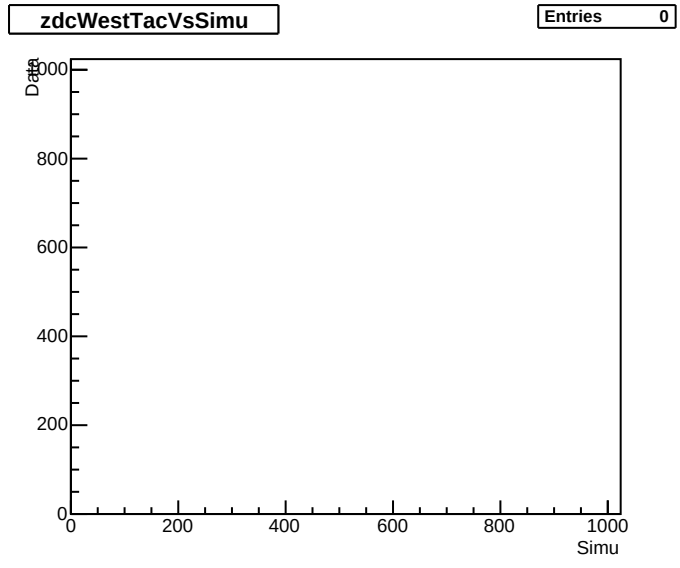

vpdWestTacSum
Entries 162367
10^5
10^4
10^3
10^2
0 10000 20000 30000 40000 50000 60000

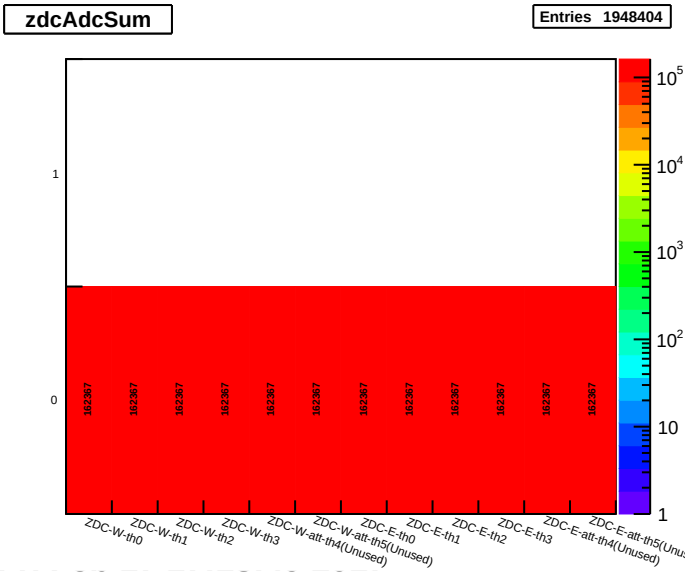

vpdWestTacSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0 10000 20000 30000 40000 50000 60000
Simu

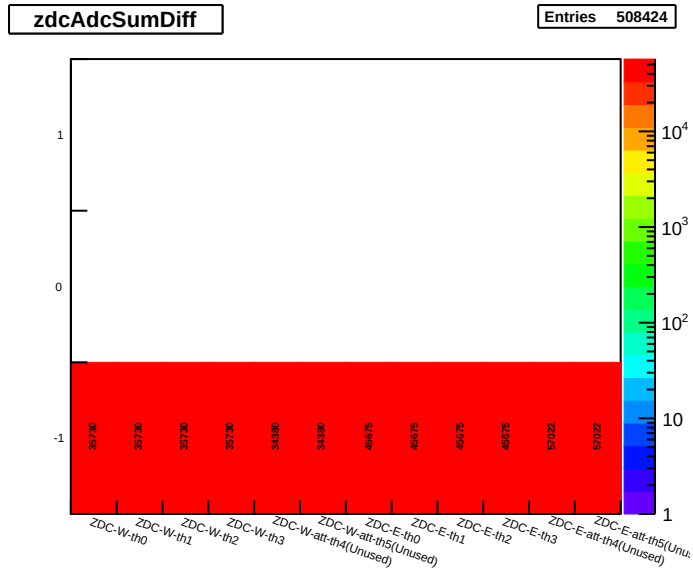

zdcEastTac
Entries 162367
10^5
10^4
10^3
10^2
0
200
400
600
800
1000

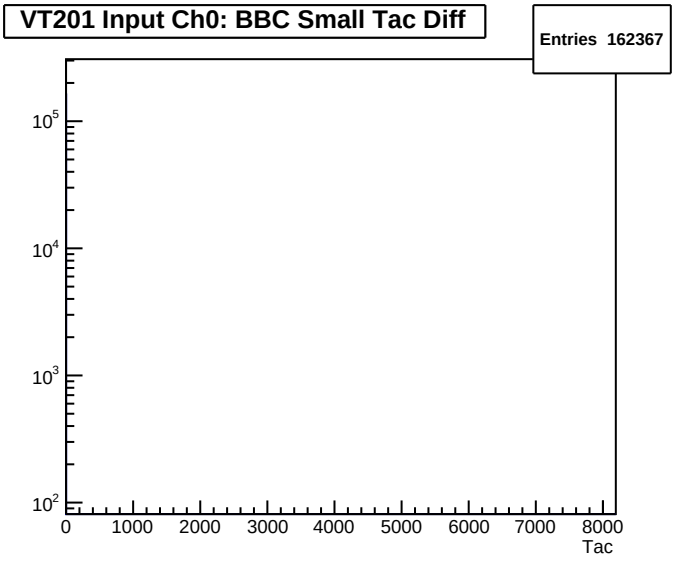

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

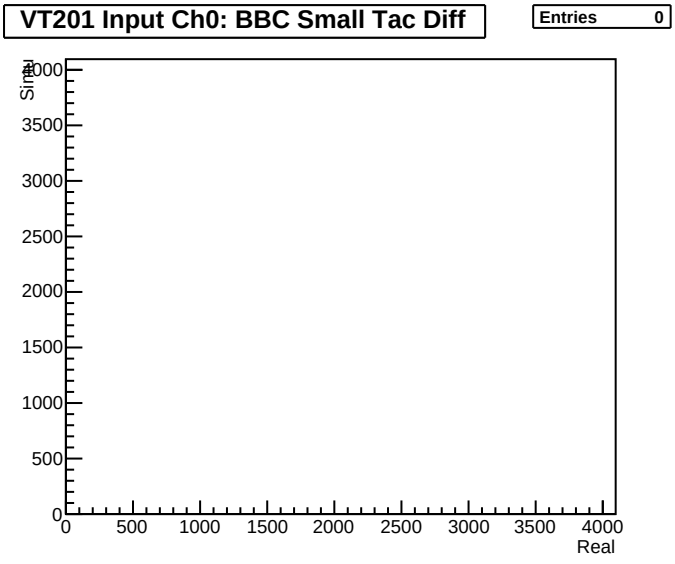

zdcWestTac
Entries 162367
10^5
10^4
10^3
10^2
0
200
400
600
800
1000

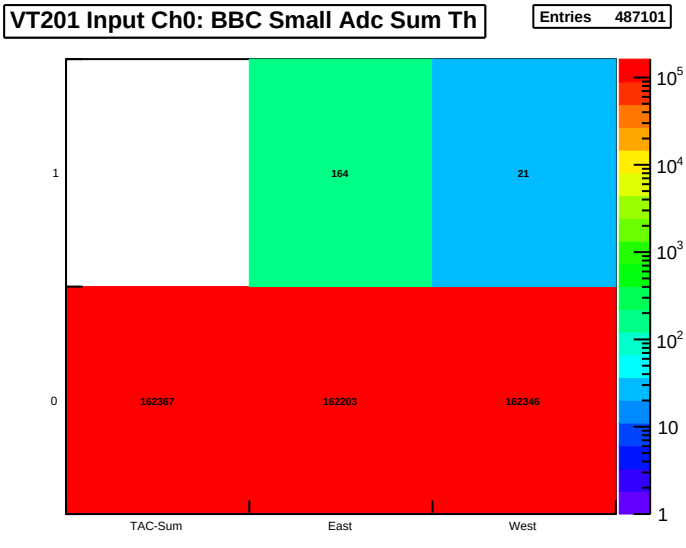

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

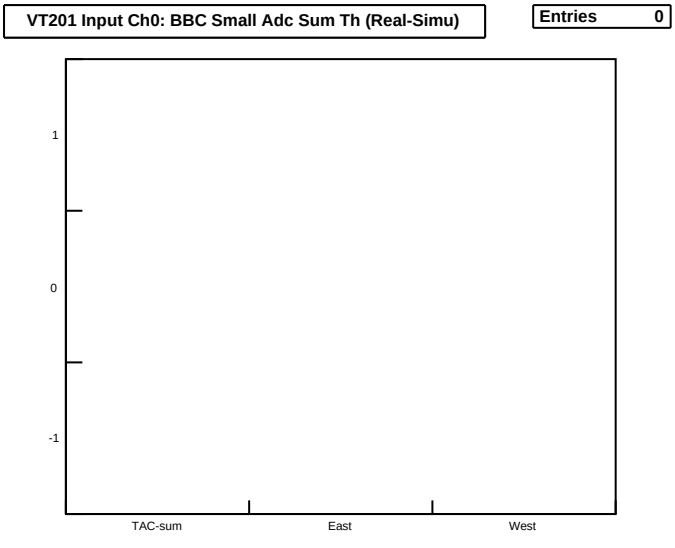

zdcAdcSum
Entries 1948404
1
0
162367
10^5
10^4
10^3
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

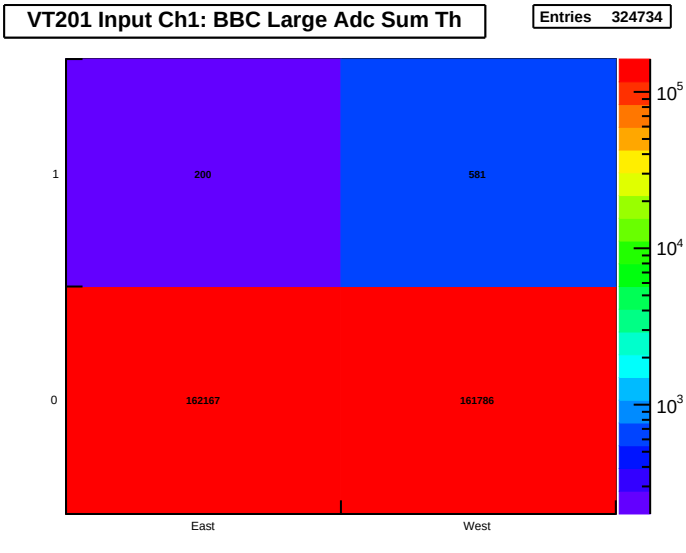

zdcAdcSumDiff
Entries 508424
1
0
-1
35730
34380
45675
57022
10^4
10^3
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

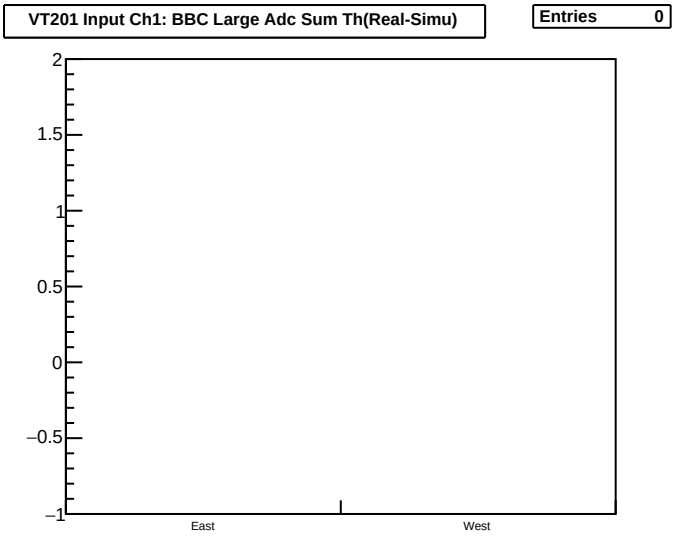

VT201 Input Ch0: BBC Small Tac Diff
Entries 162367
Tac


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

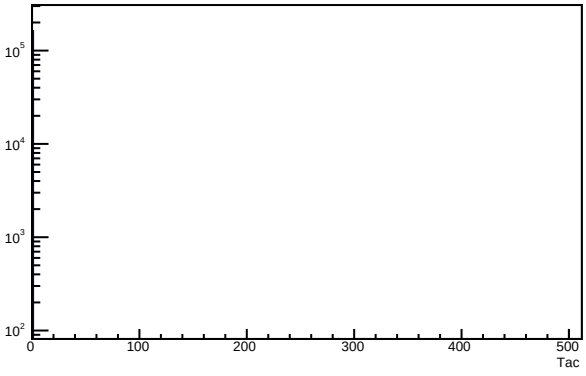

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 487101
164
21
162367
162203
162346
TAC-Sum
East
West


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

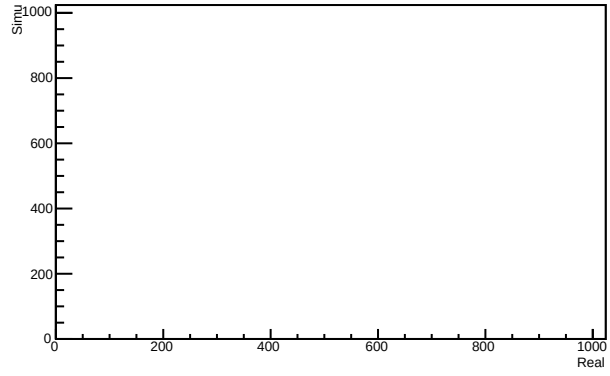

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 324734
200
581
162167
161786
East
West


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

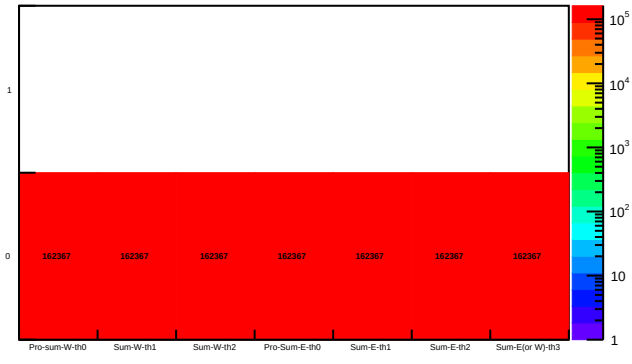
VT201 Input Ch2: ZDC Tac Diff



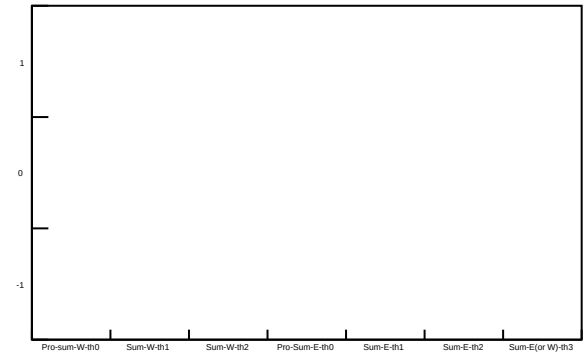
VT201 Input Ch2: ZDC Tac Diff



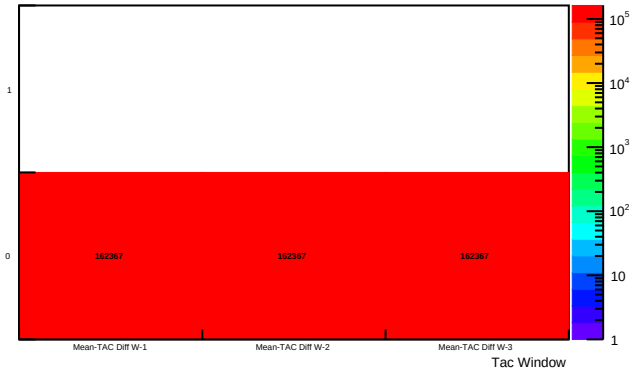
VT201 Input Ch2: ZDC Adc Sum Th



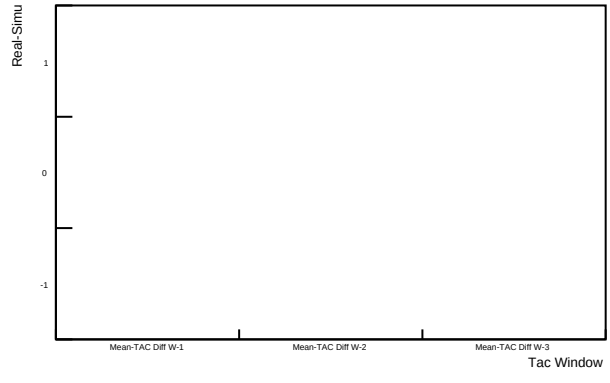
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



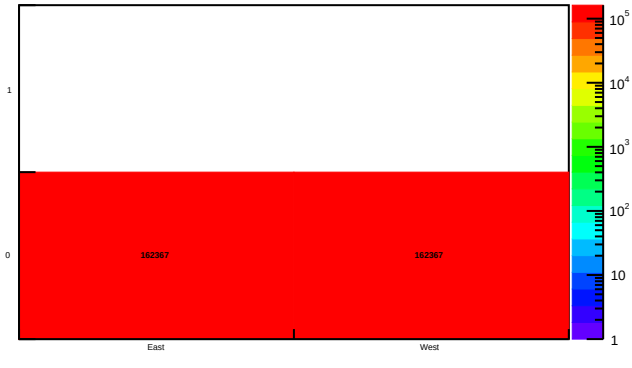
VT201 Input Ch4: VPD Tac Diff



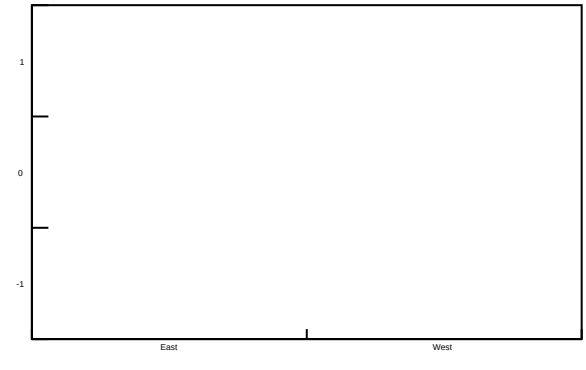
VT201 Input Ch4: VPD Tac Diff

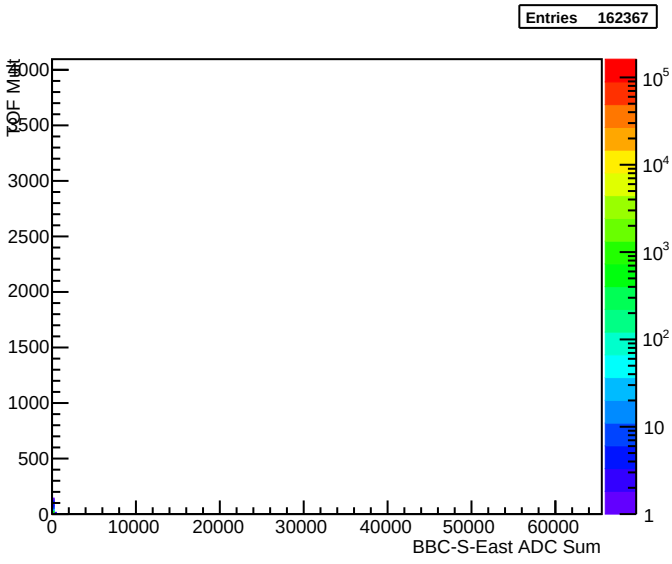


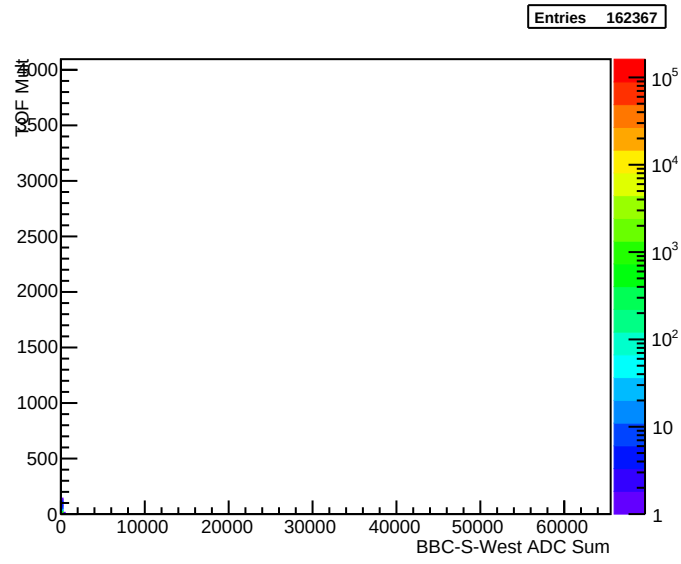
VT201 Input Ch4: VPD Adc Sum Th

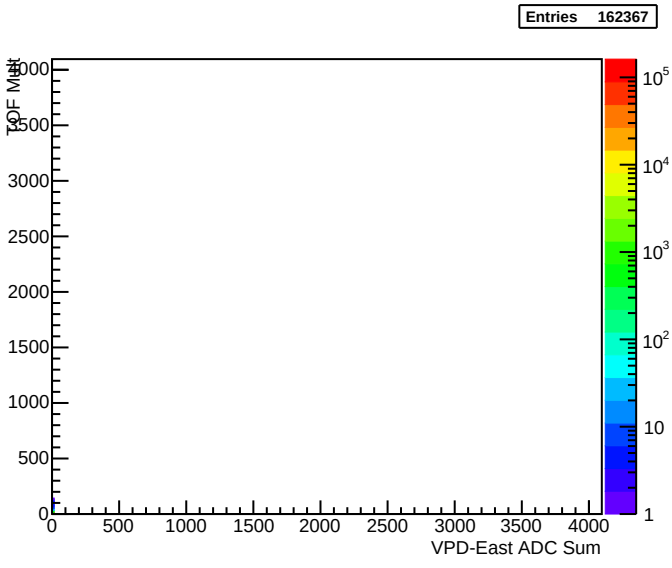


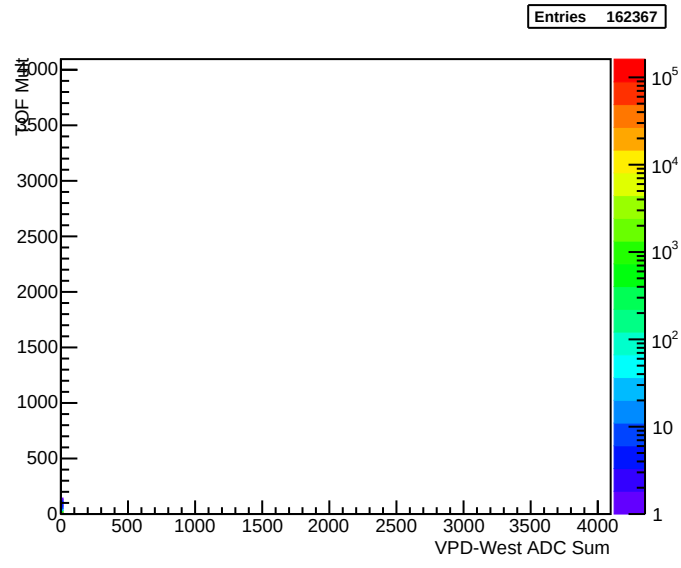
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

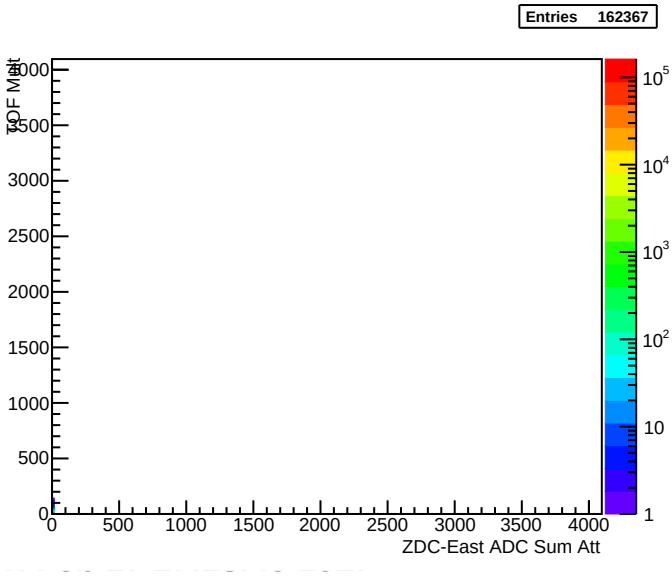


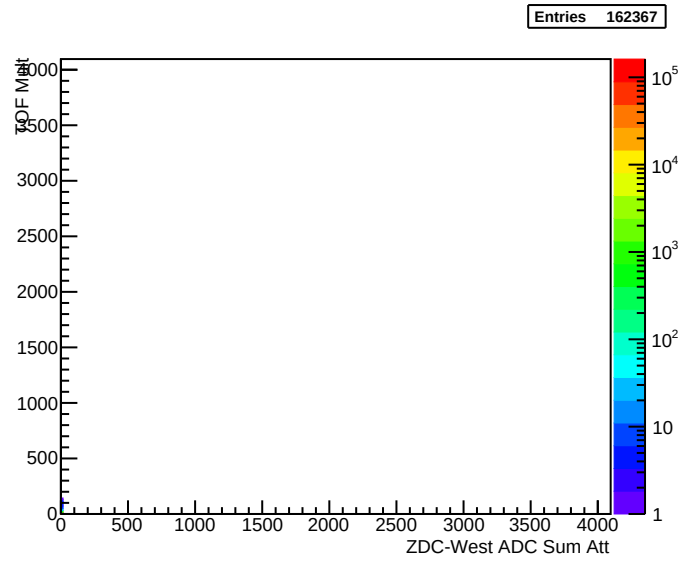

Entries 162367
TOF Mult
BBC-S-East ADC Sum

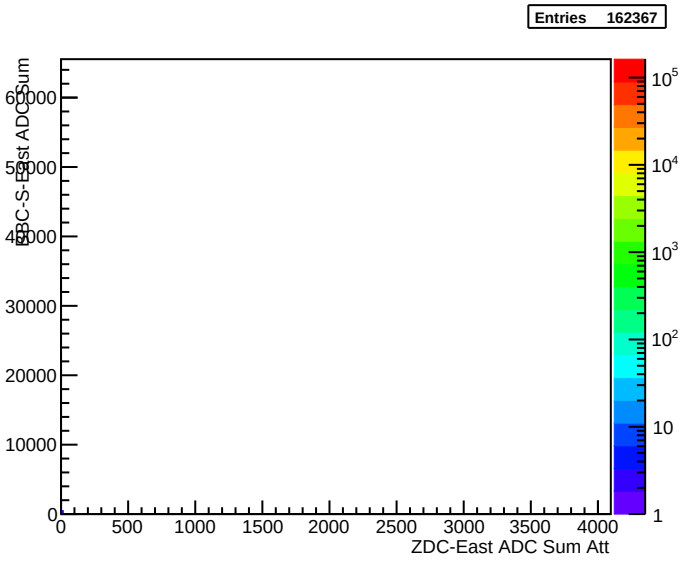

Entries 162367
TOF Mult
BBC-S-West ADC Sum

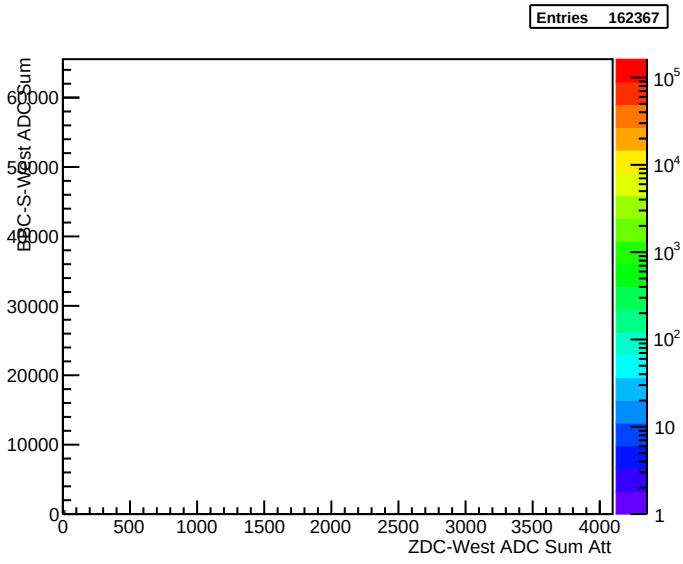

Entries 162367
TOF Mult
VPD-East ADC Sum

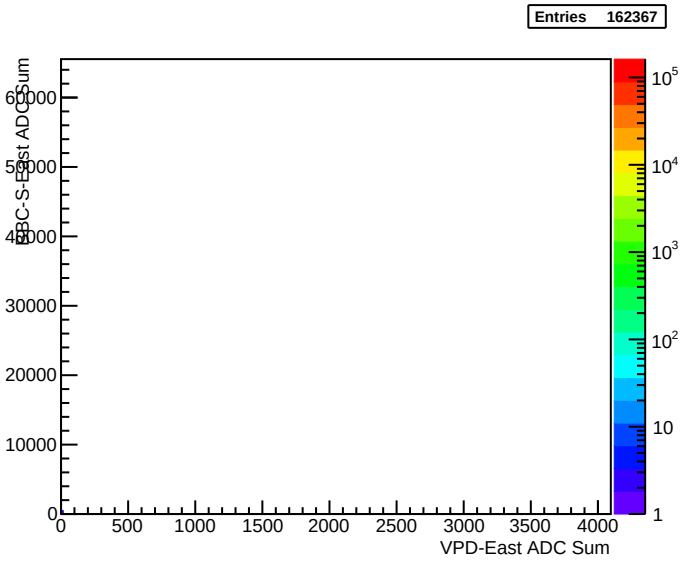

Entries 162367
TOF Mult
VPD-West ADC Sum

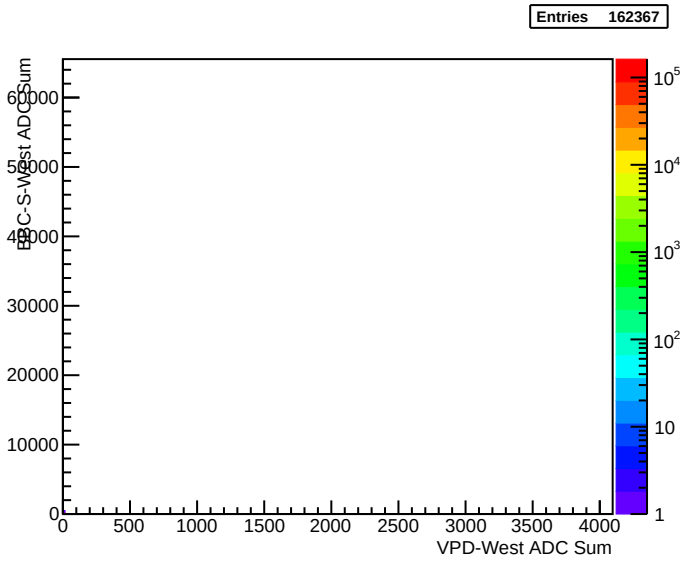

Entries 162367
TOF Mult
ZDC-East ADC Sum Att

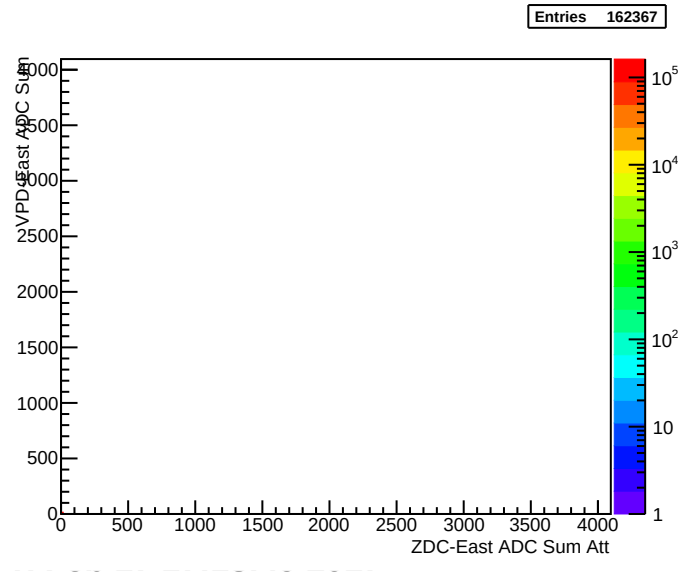

Entries 162367
TOF Mult
ZDC-West ADC Sum Att

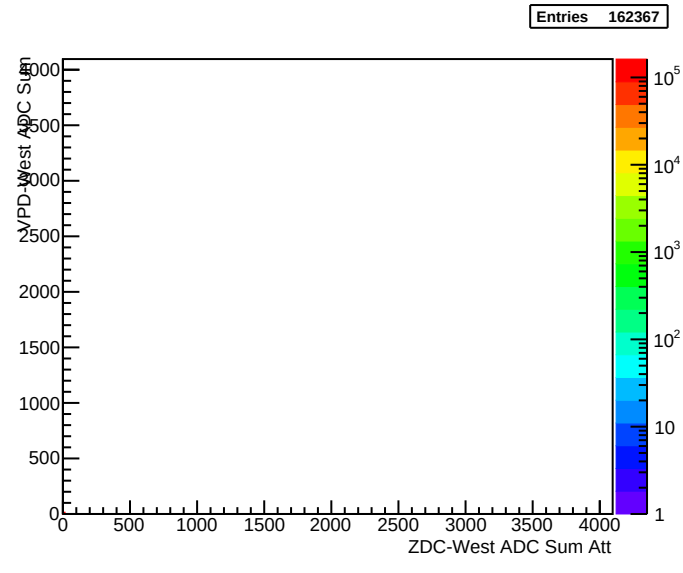

Entries 162367
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

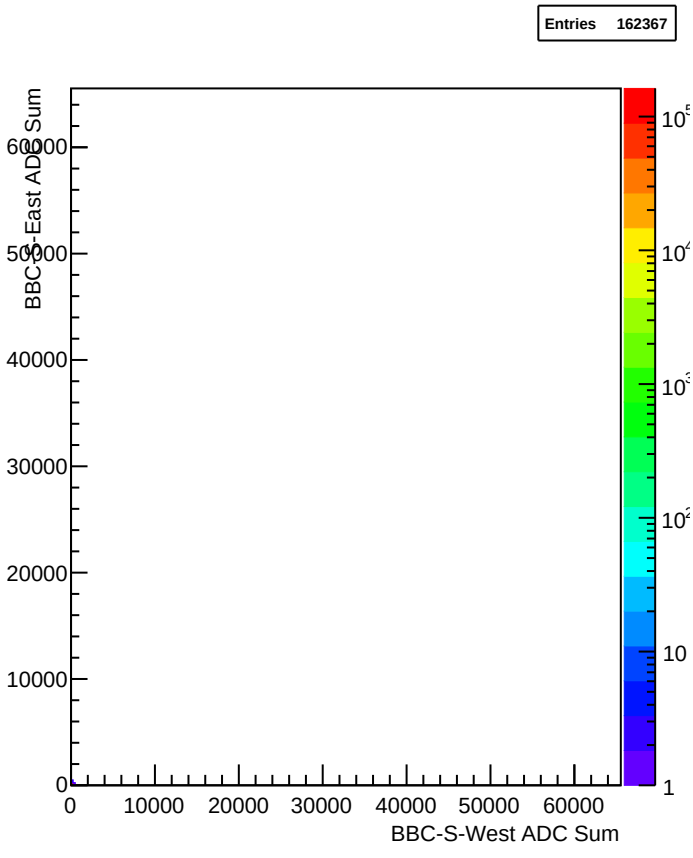

Entries 162367
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

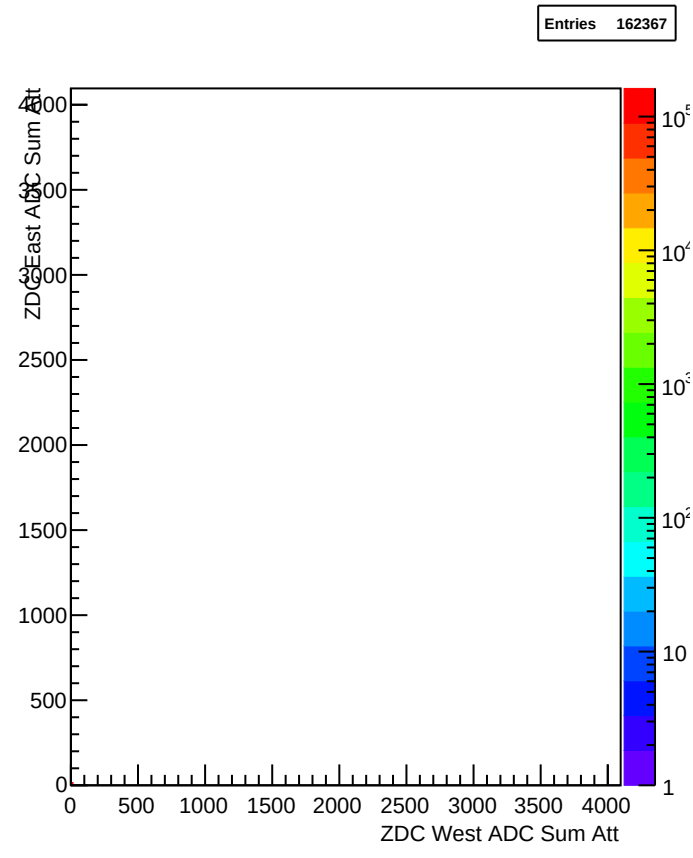

Entries 162367
BBC-S-East ADC Sum
VPD-East ADC Sum

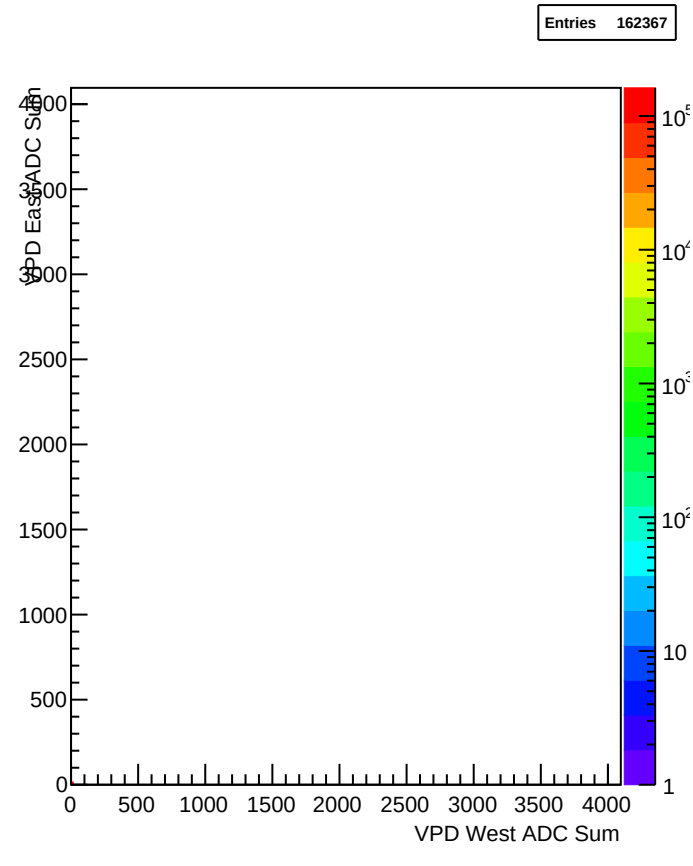

Entries 162367
BBC-S-West ADC Sum
VPD-West ADC Sum

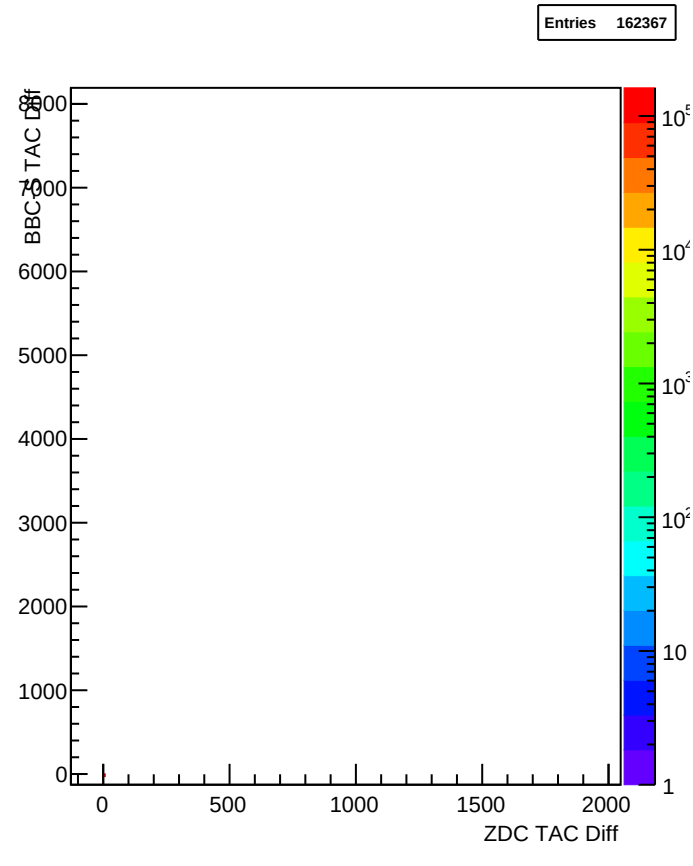

Entries 162367
VPD-East ADC Sum
ZDC-East ADC Sum Att

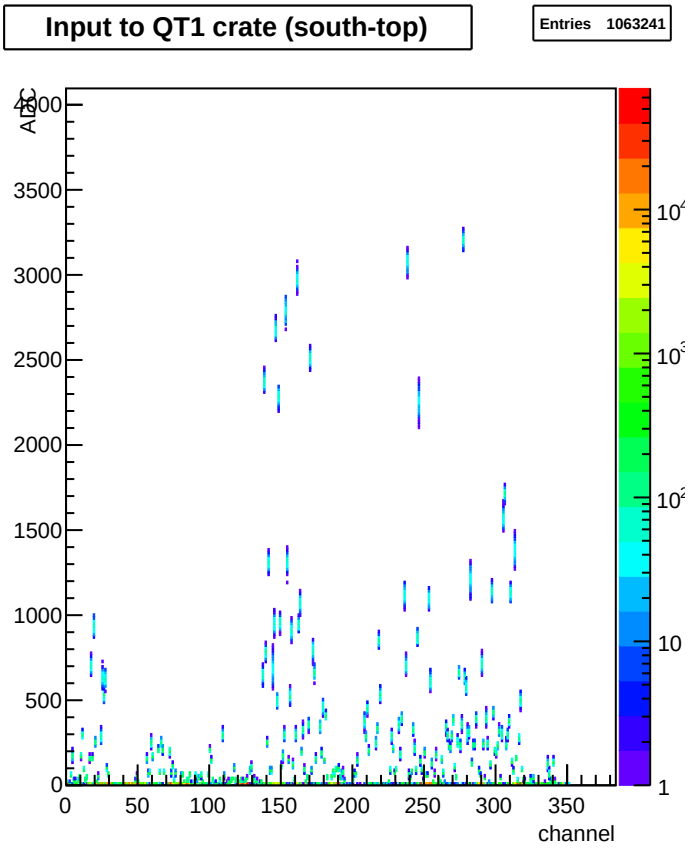

Entries 162367
VPD-West ADC Sum
ZDC-West ADC Sum Att

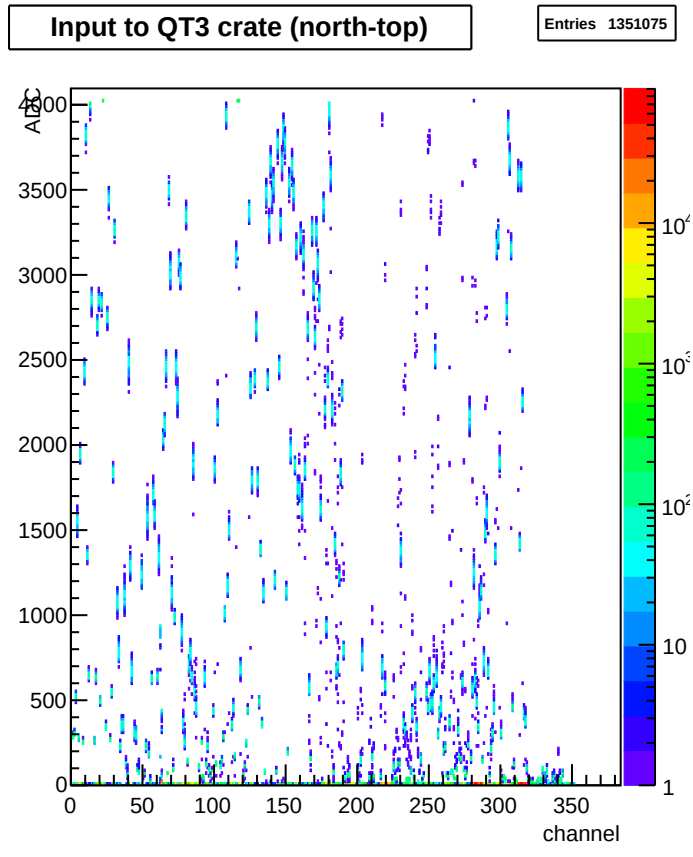

Entries 162367
BBC-S-East ADC Sum
BBC-S-West ADC Sum

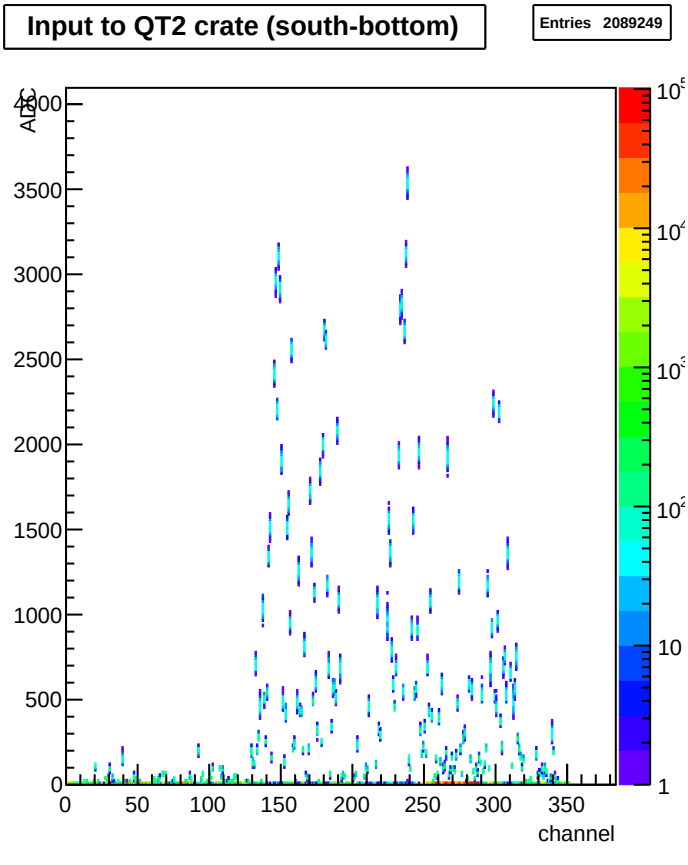

Entries 162367
ZDC East ADC Sum Att
ZDC West ADC Sum Att

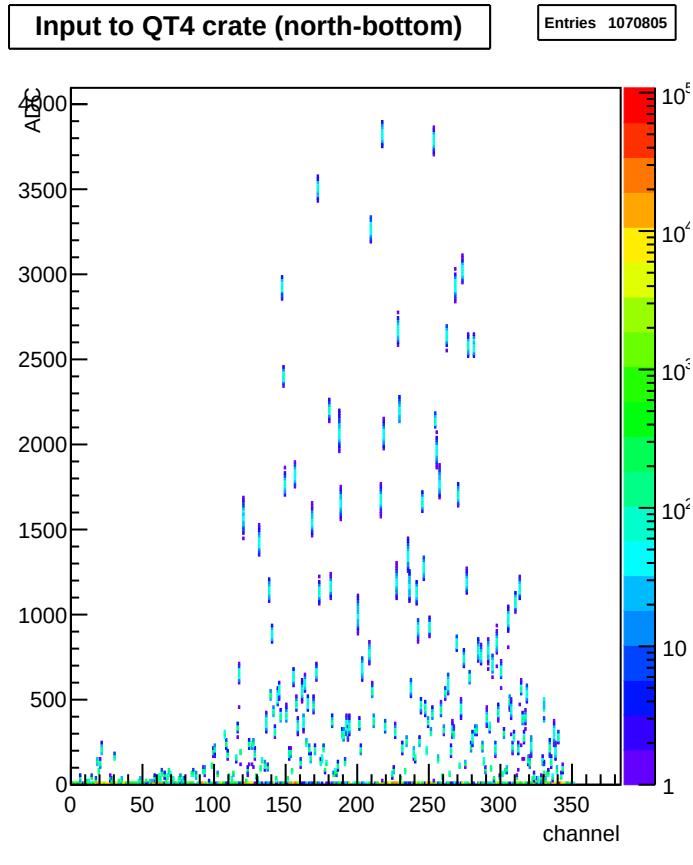

Entries 162367
VPD East ADC Sum
VPD West ADC Sum

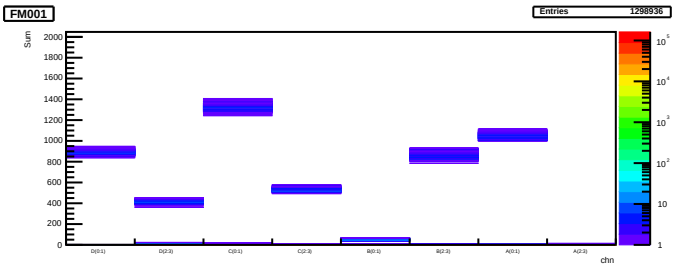

Entries 162367
BBC-S TAC Diff
ZDC TAC Diff

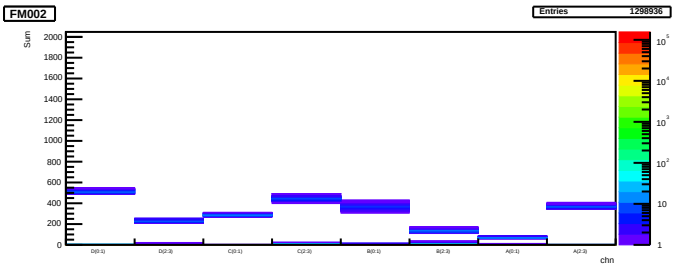

Input to QT1 crate (south-top)
Entries 1063241
ADC
channel

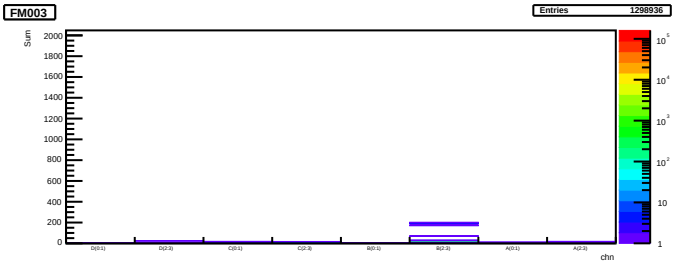

Input to QT3 crate (north-top)
Entries 1351075
ADC
channel

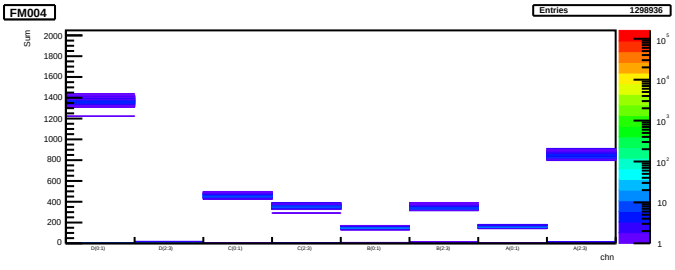

Input to QT2 crate (south-bottom)
Entries 2089249
ADC
channel

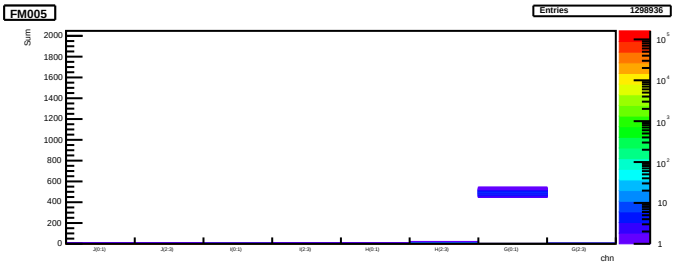

Input to QT4 crate (north-bottom)
Entries 1070805
ADC
channel

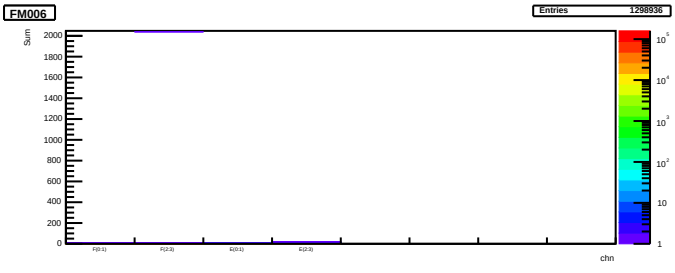

FM001
Entries 1298936
Sum
chn

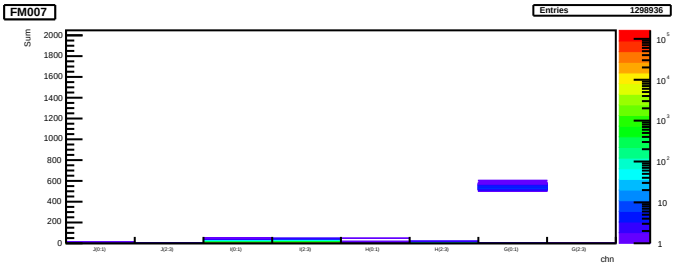

FM002
Entries 1298936
Sum
chn

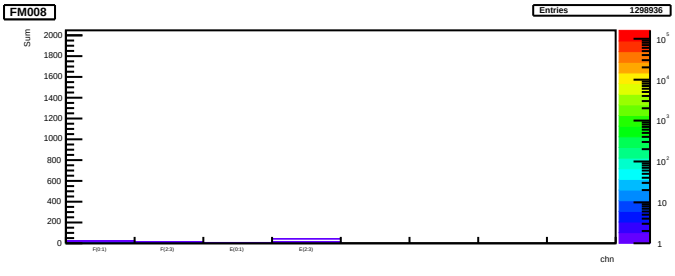

FM003
Entries 1298936
Sum
chn

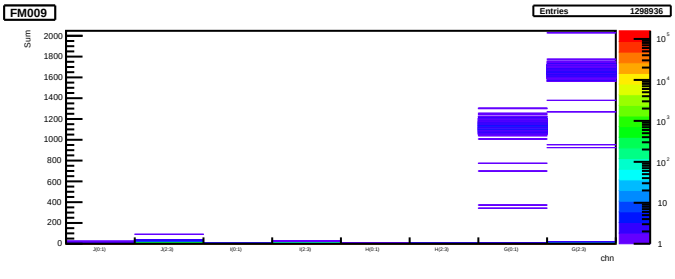

FM004
Entries 1298936
Sum
chn

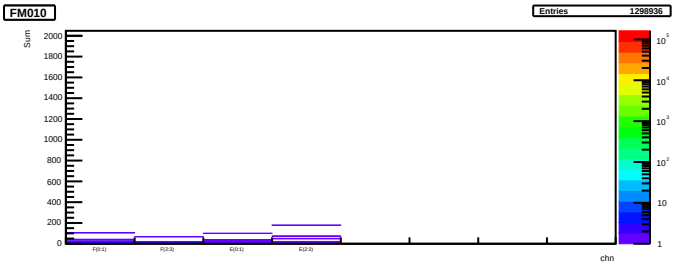

FM005
Entries 1298936
Sum
chn

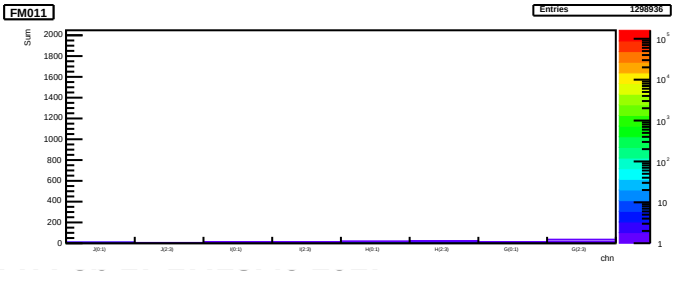

FM006
Entries 1298936
Sum
chn

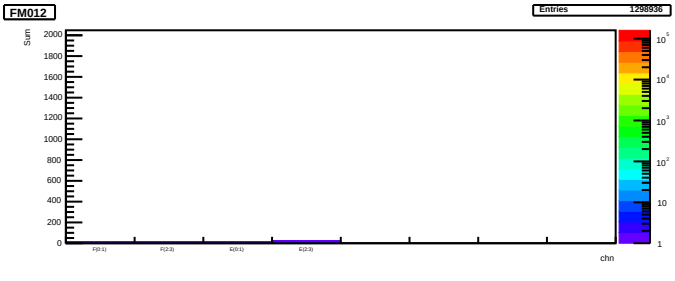

FM007
Entries 1298936
Sum
chn

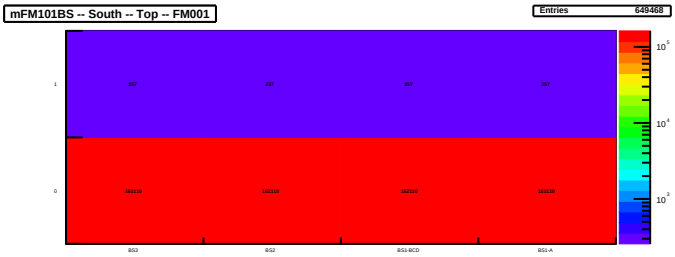

FM008
Entries 1298936
Sum
chn

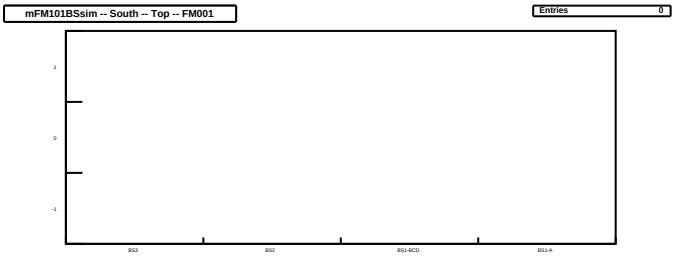

FM009
Entries 1298936
Sum
chn

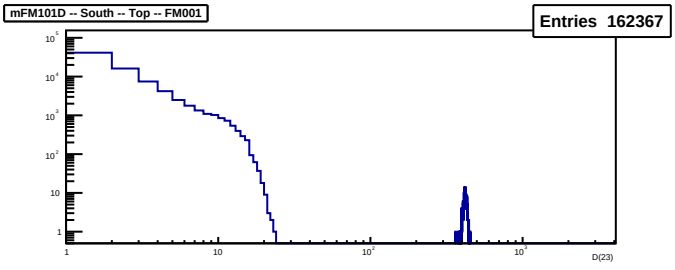

FM010
Entries 1298936
Sum
chn

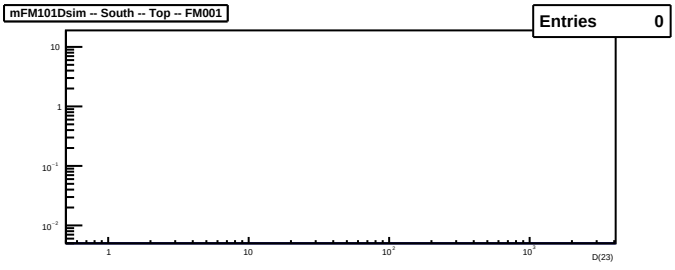

FM011
Entries 1298936
Sum
chn

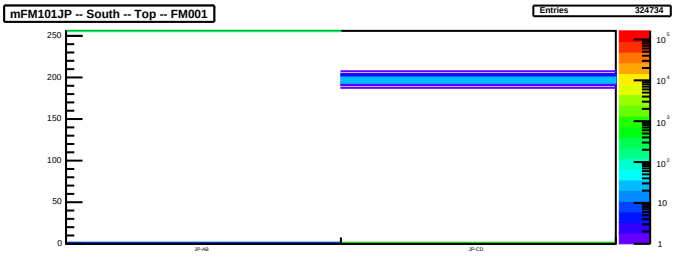

FM012
Entries 1298936
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 649468
257
162110
BS3
BS2
BS1-BCD
BS1-A

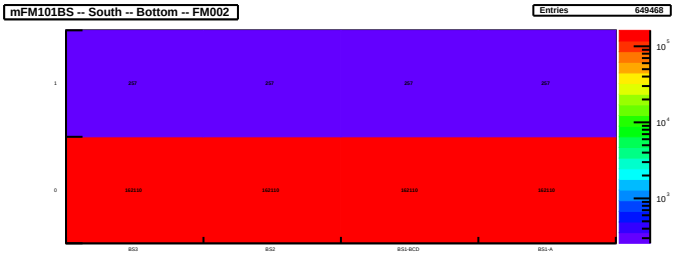

mFM101BSsim -- South -- Top -- FM001
Entries 0
BS3
BS2
BS1-BCD
BS1-A

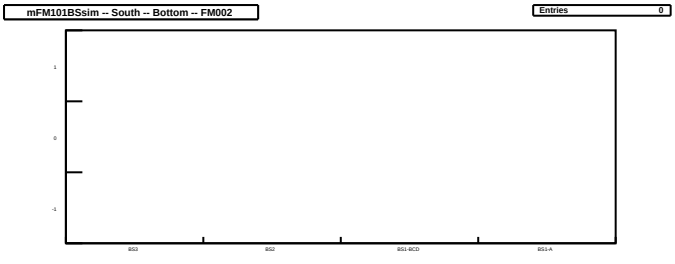

mFM101D -- South -- Top -- FM001
Entries 162367
D(23)


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


mFM101JP -- South -- Top -- FM001
Entries 324734
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 649468
257
162110
BS3
BS2
BS1-BCD
BS1-A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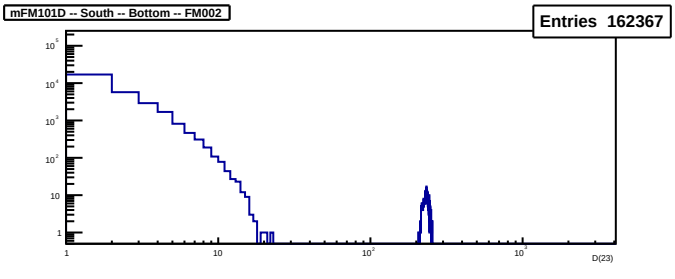
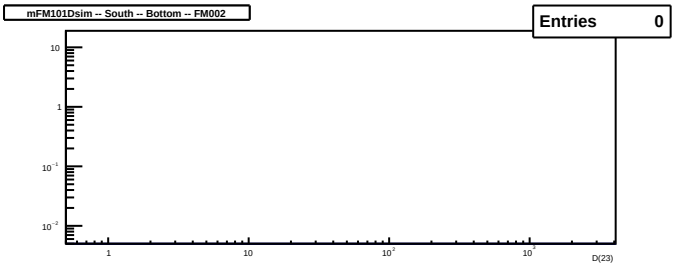
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 162367
D(23)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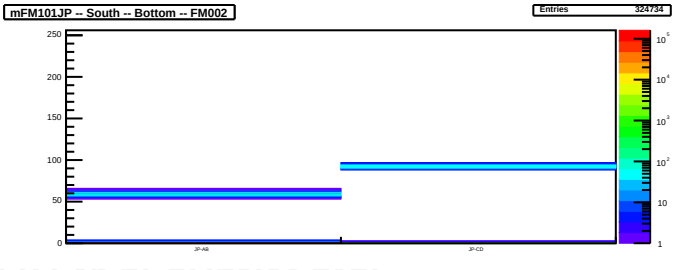
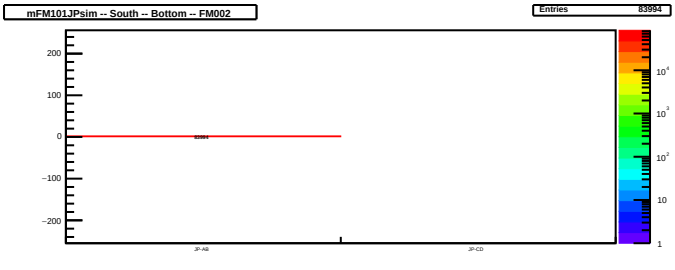
Entries 0
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 324734
JP-AB
JP-CD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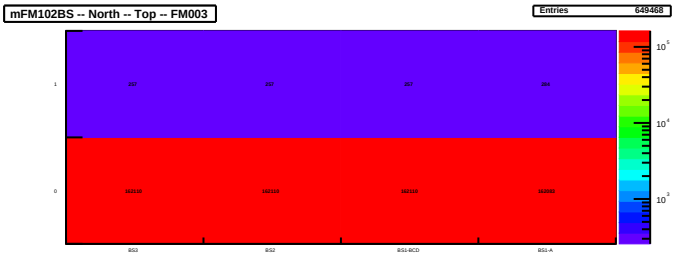
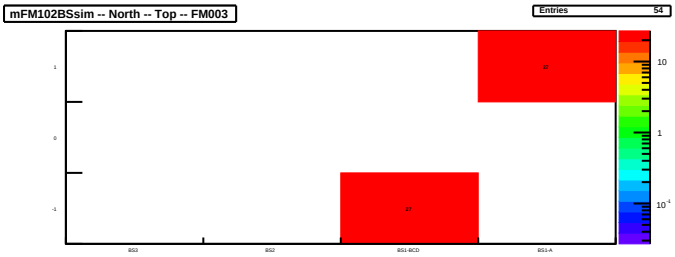
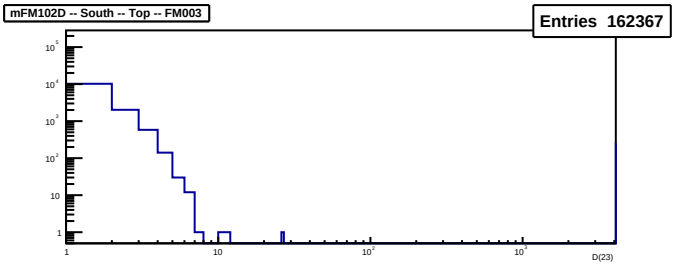
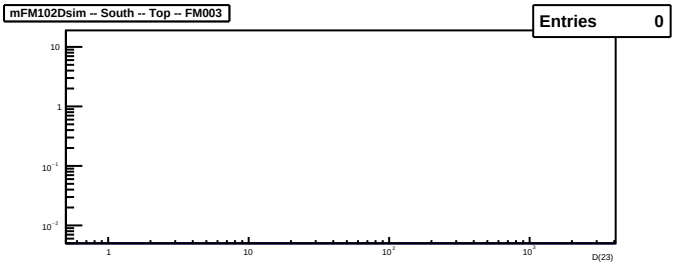
Entries 83994
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 649468
257
257
257
264
162110
162110
162110
162093
BS3
BS2
BS1-BCD
BS1-A


mFM102BSsim -- North -- Top -- FM003
Entries 54
27
27
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Top -- FM003
Entries 162367
D(23)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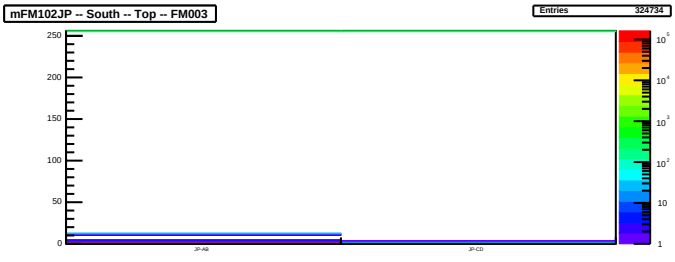
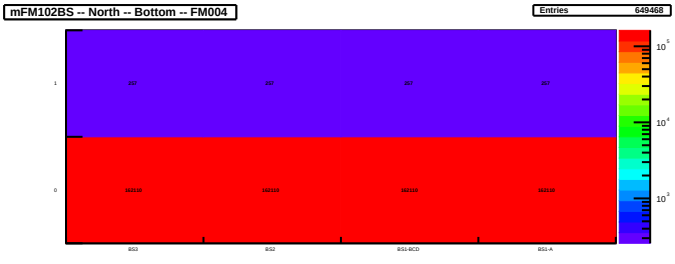
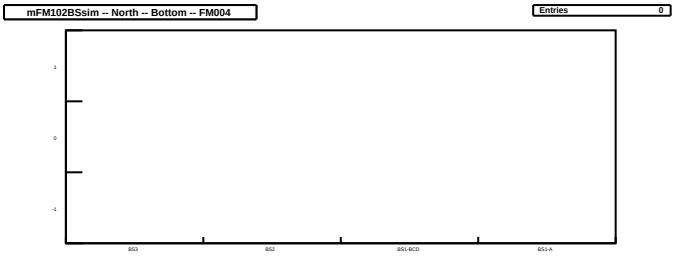
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 324734
JP-AB
JP-CD

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


mFM102BS -- North -- Bottom -- FM004
Entries 649468
257
257
257
257
162110
162110
162110
162110
BS3
BS2
BS1-BCD
BS1-A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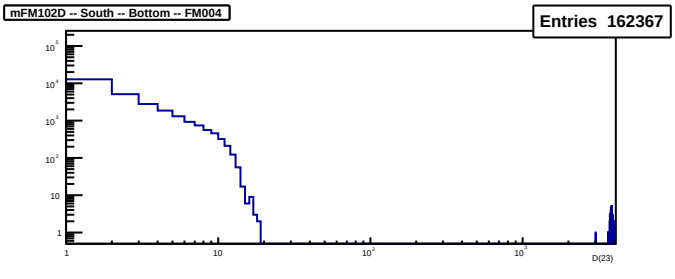
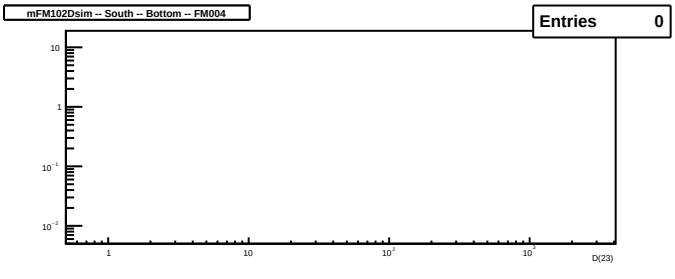
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 162367
D(23)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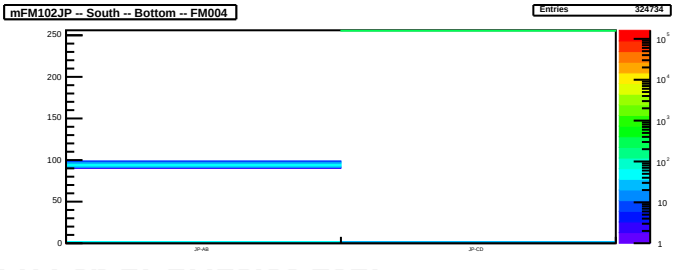
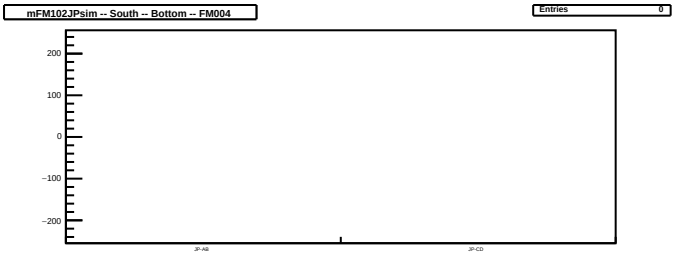
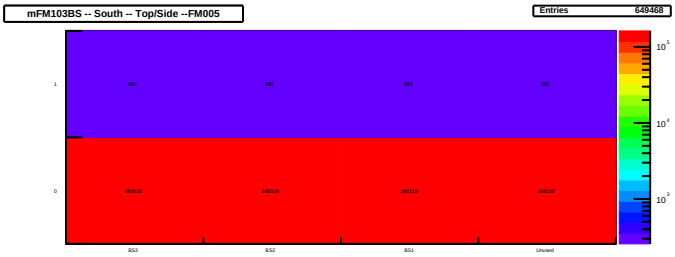
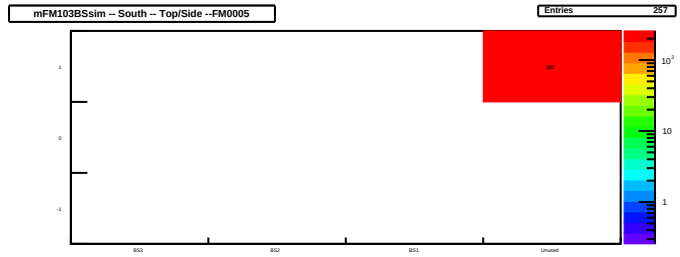
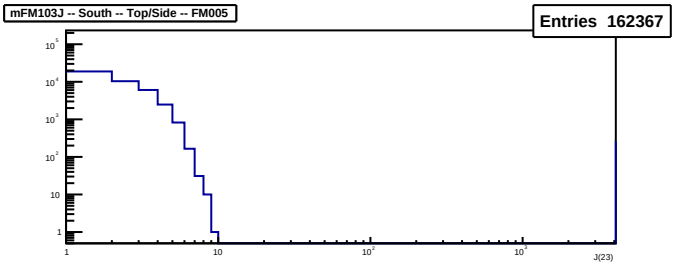
Entries 0
D(23)

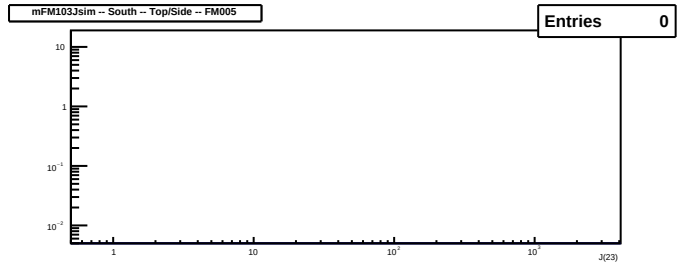

mFM102JP -- South -- Bottom -- FM004
Entries 324734
JP-AB
JP-CD

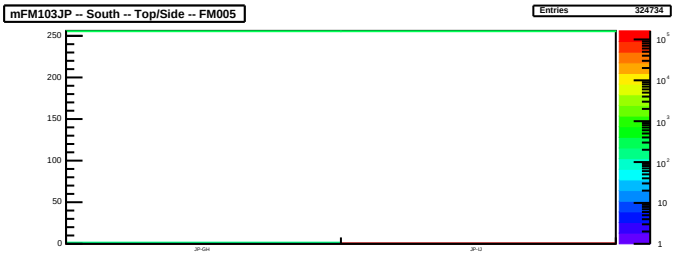

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

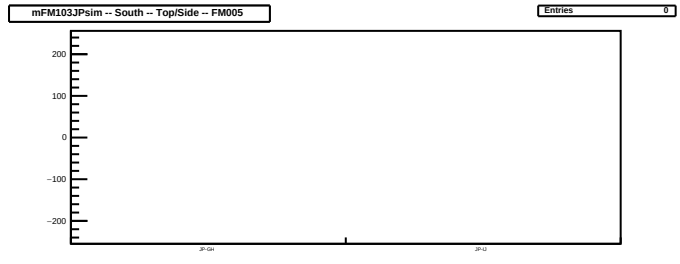

mFM103BS -- South -- Top/Side --FM005
Entries 649468
257
162110
BS3
BS2
BS1
Unused

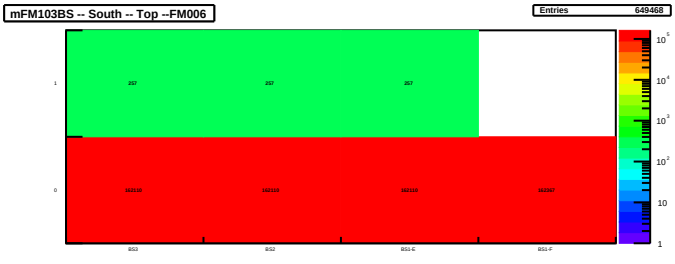

mFM103BSsim -- South -- Top/Side --FM0005
Entries 257
257
BS3
BS2
BS1
Unused

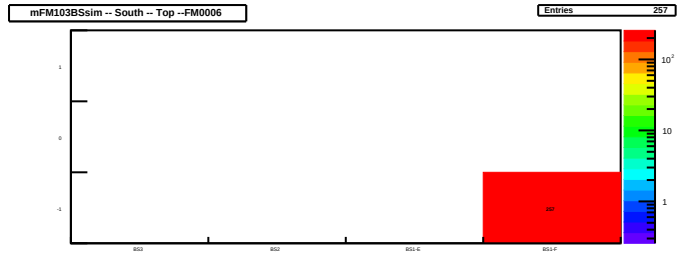

mFM103J -- South -- Top/Side -- FM005
Entries 162367
J(23)

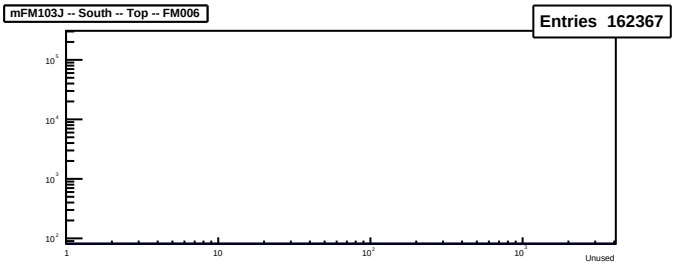

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

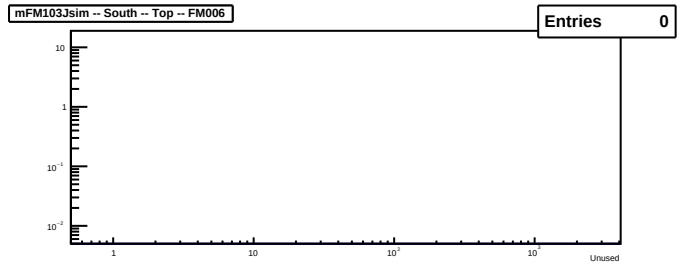

mFM103JP -- South -- Top/Side -- FM005
Entries 324734
JP-GH
JP-IJ

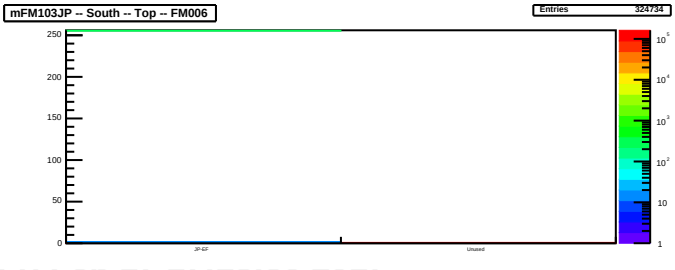

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ

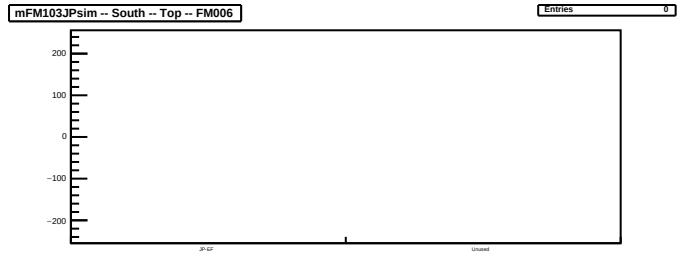

mFM103BS -- South -- Top --FM006
Entries 649468
257
162110
162367
BS3
BS2
BS1-E
BS1-F

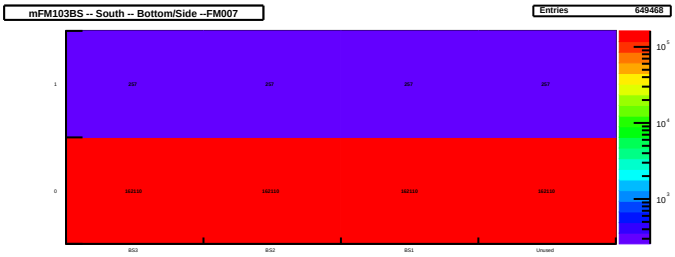

mFM103BSsim -- South -- Top --FM0006
Entries 257
257
BS3
BS2
BS1-E
BS1-F

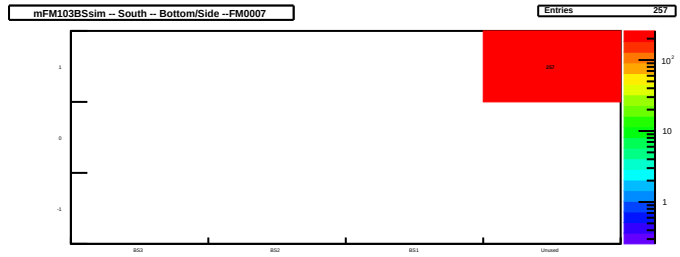

mFM103J -- South -- Top -- FM006
Entries 162367
Unused

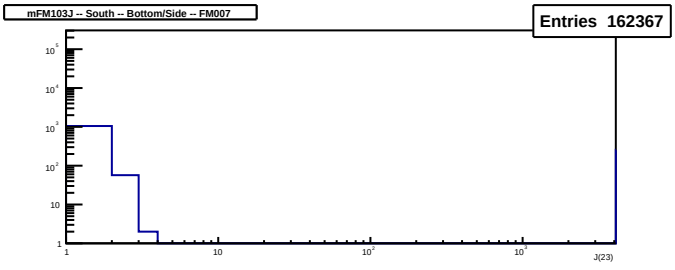

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

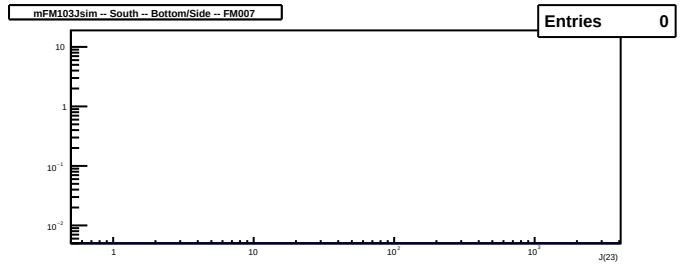

mFM103JP -- South -- Top -- FM006
Entries 324734
JP-EF
Unused

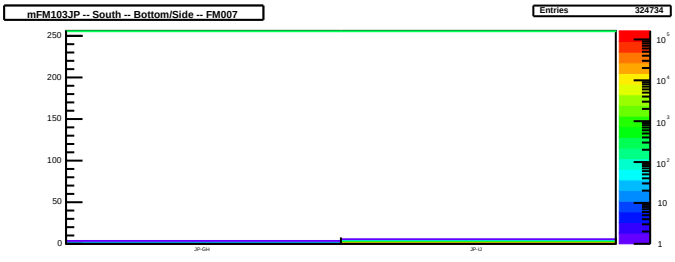

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

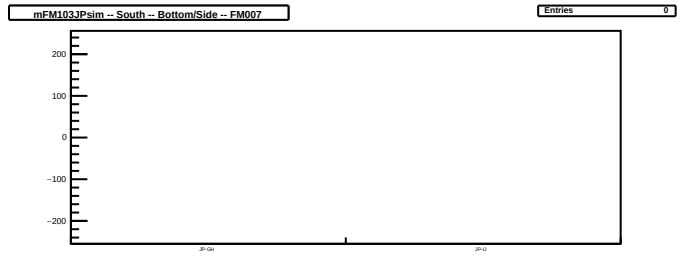

mFM103BS -- South -- Bottom/Side --FM007
Entries 649468
257
162110
BS3
BS2
BS1
Unused

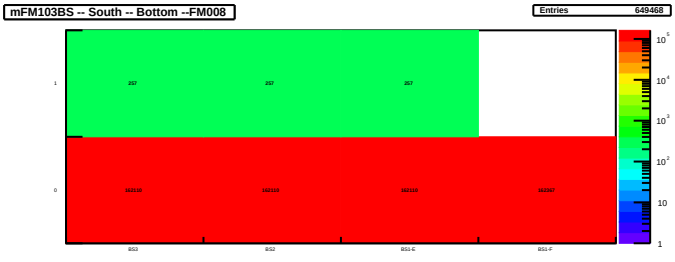

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 257
257
BS3
BS2
BS1
Unused

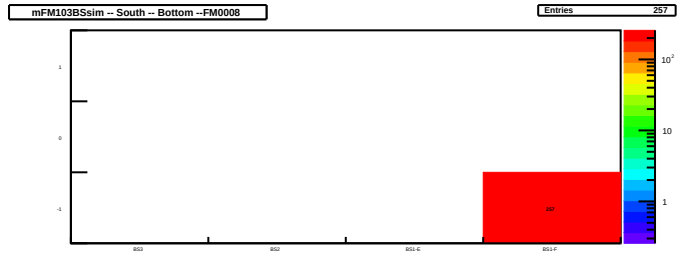

mFM103J -- South -- Bottom/Side -- FM007
Entries 162367
J(23)

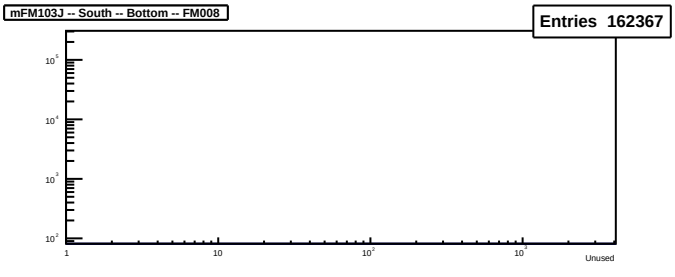

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

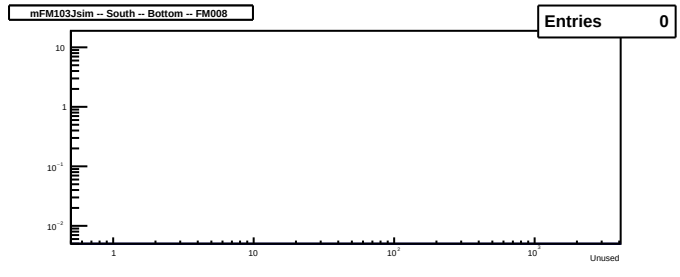

mFM103JP -- South -- Bottom/Side -- FM007
Entries 324734
JP-GH
JP-U


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


mFM103BS -- South -- Bottom --FM008
Entries 649468
257
162110
162367
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 257
257
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 162367
Unused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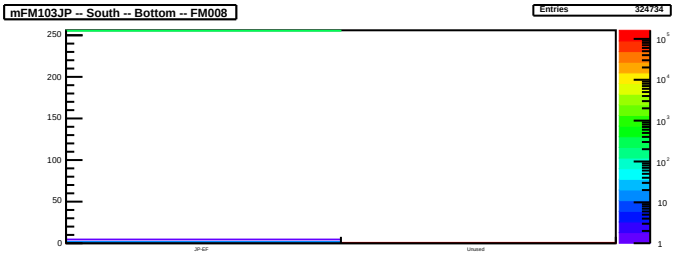
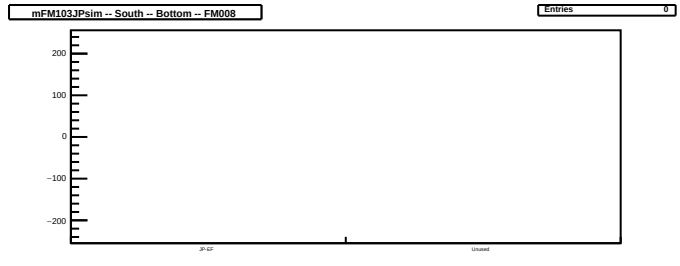
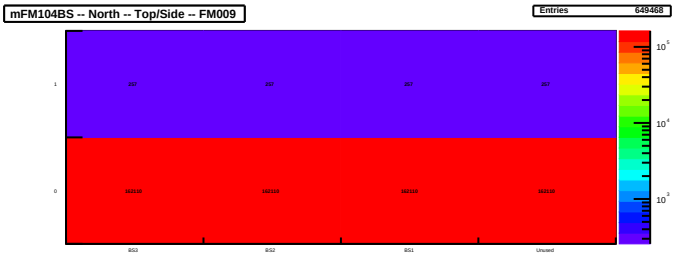
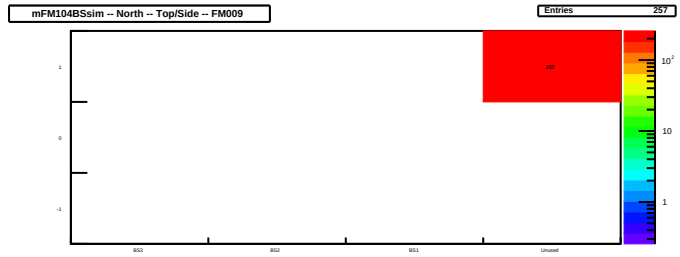
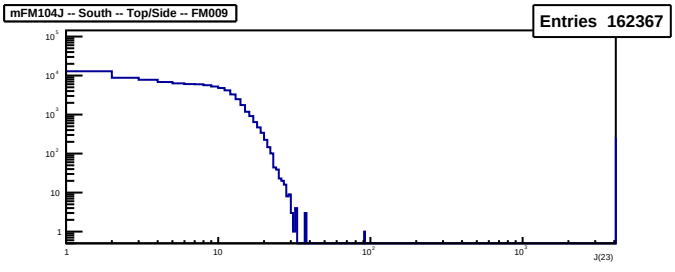
Entries 0
Unused

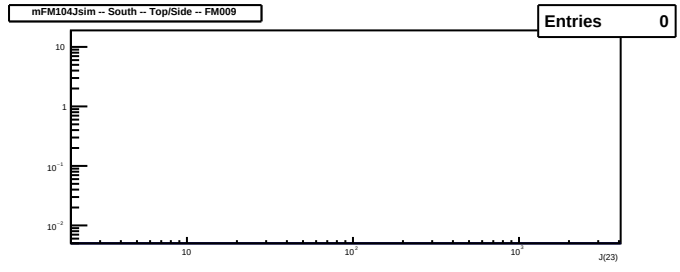

mFM103JP -- South -- Bottom -- FM008
Entries 324734
JP-EF
Unused

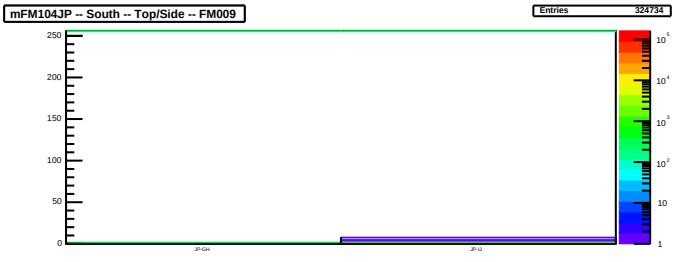

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

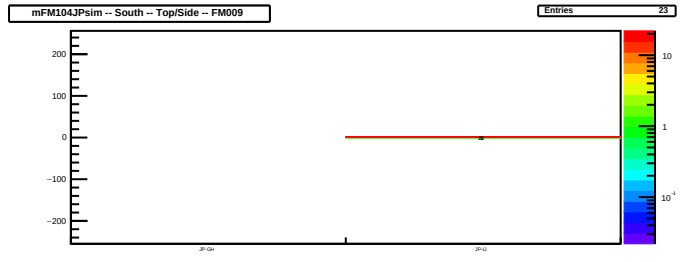

mFM104BS -- North -- Top/Side -- FM009
Entries 649468

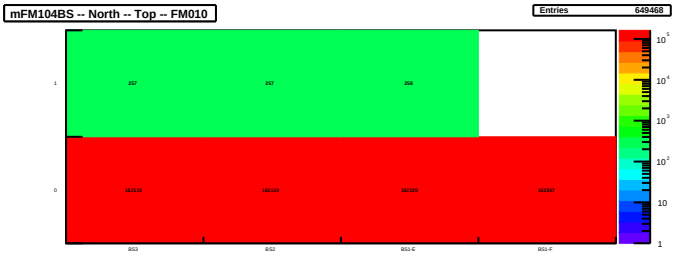

mFM104BSsim -- North -- Top/Side -- FM009
Entries 257

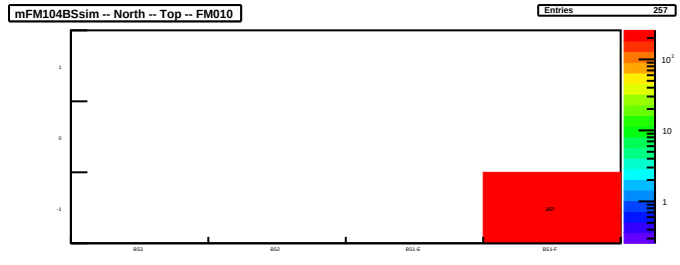

mFM104J -- South -- Top/Side -- FM009
Entries 162367
J(23)

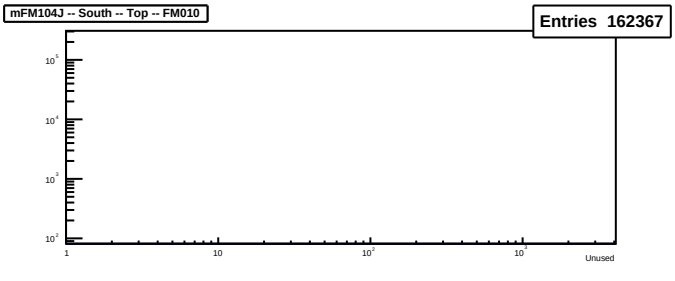

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

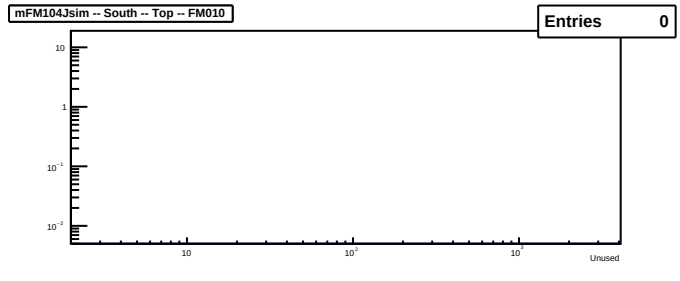

mFM104JP -- South -- Top/Side -- FM009
Entries 324734

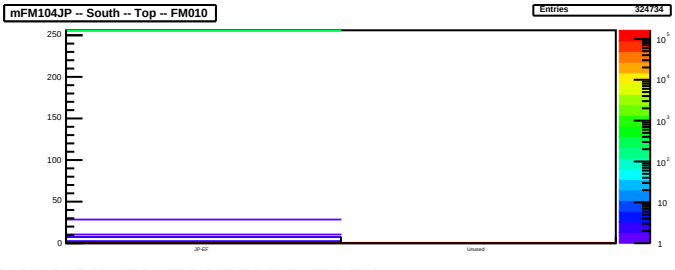

mFM104JPsim -- South -- Top/Side -- FM009
Entries 23

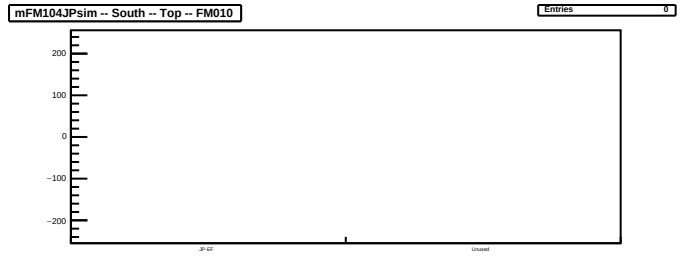

mFM104BS -- North -- Top -- FM010
Entries 649468

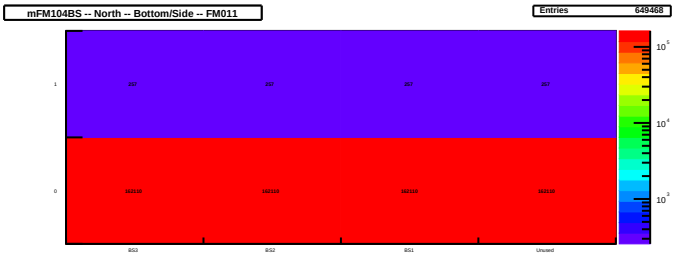

mFM104BSsim -- North -- Top -- FM010
Entries 257

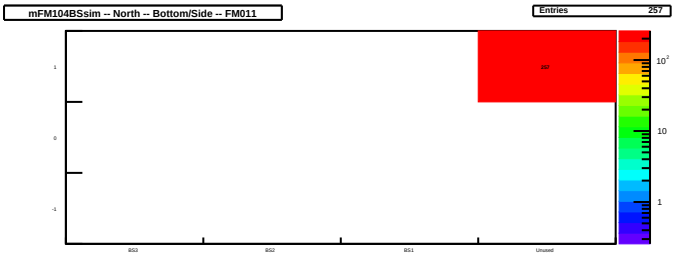

mFM104J -- South -- Top -- FM010
Entries 162367
Unused

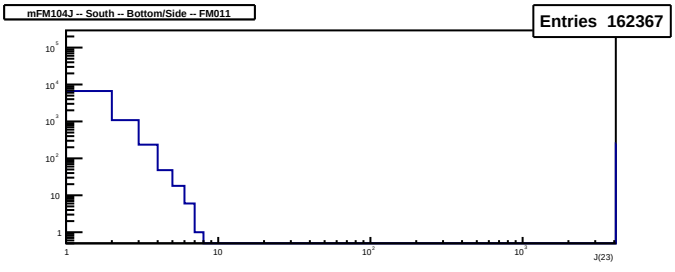

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

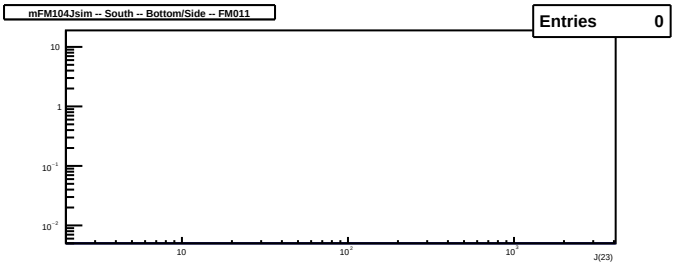

mFM104JP -- South -- Top -- FM010
Entries 324734

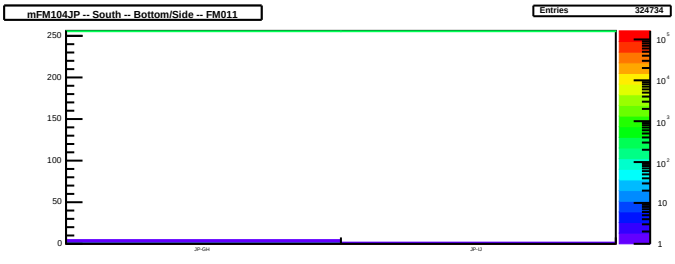

mFM104JPsim -- South -- Top -- FM010
Entries 0

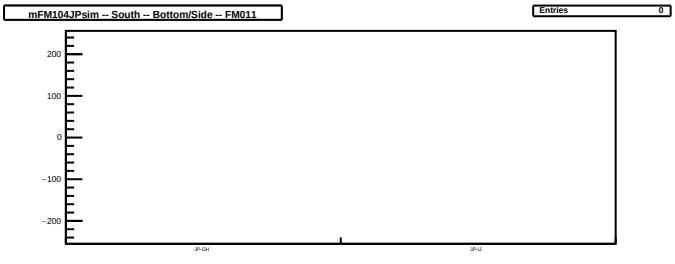

mFM104BS -- North -- Bottom/Side -- FM011
Entries 649468
257
162110
BS3
BS2
BS1
Unused

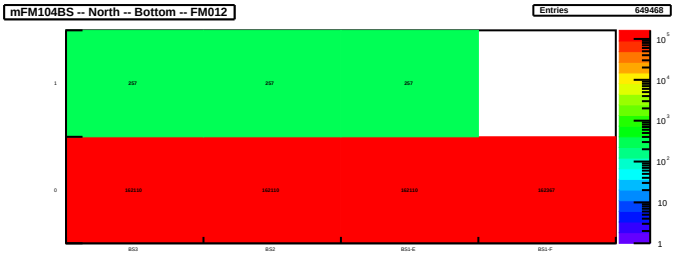

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 257
257
BS3
BS2
BS1
Unused

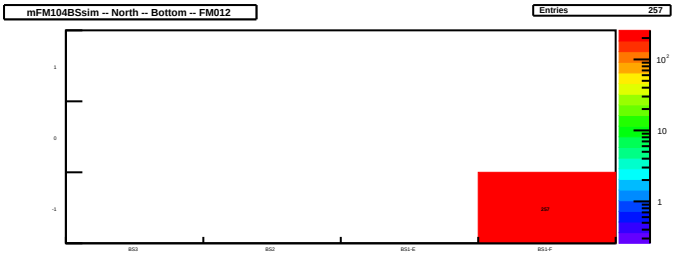

mFM104J -- South -- Bottom/Side -- FM011
Entries 162367
J(23)

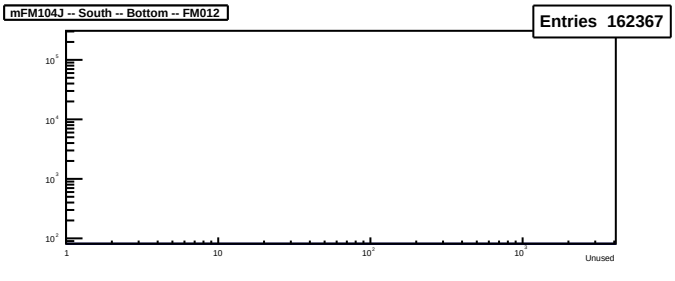

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

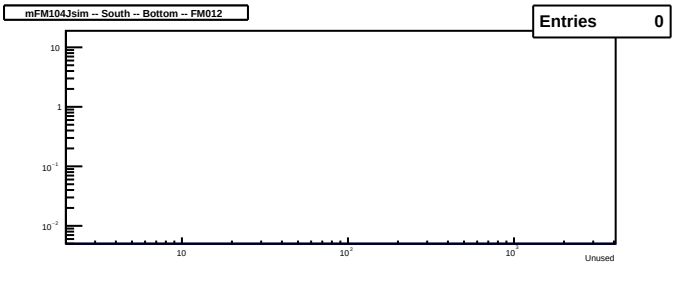

mFM104JP -- South -- Bottom/Side -- FM011
Entries 324734
JP-GH
JP-IJ

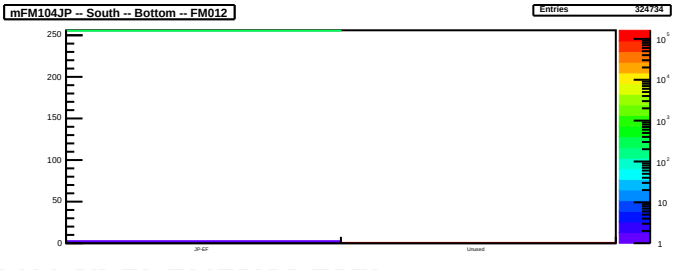

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ

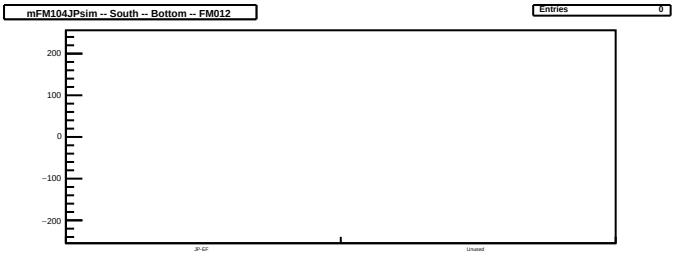

mFM104BS -- North -- Bottom -- FM012
Entries 649468
257
162110
162367
BS3
BS2
BS1-E
BS1-F

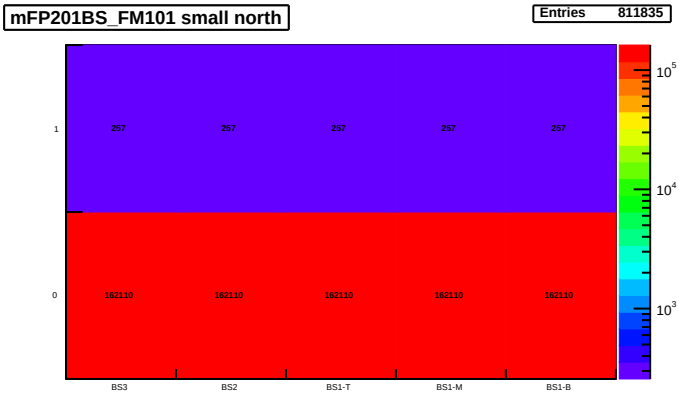

mFM104BSsim -- North -- Bottom -- FM012
Entries 257
257
BS3
BS2
BS1-E
BS1-F

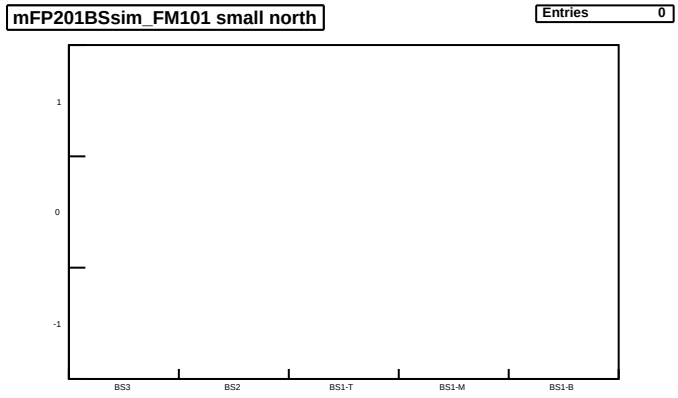

mFM104J -- South -- Bottom -- FM012
Entries 162367
Unused

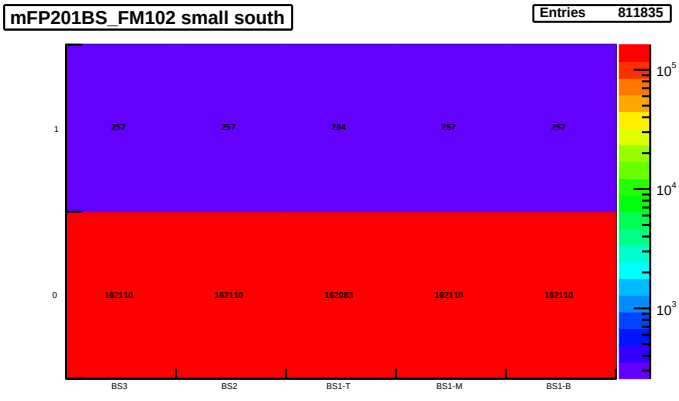

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

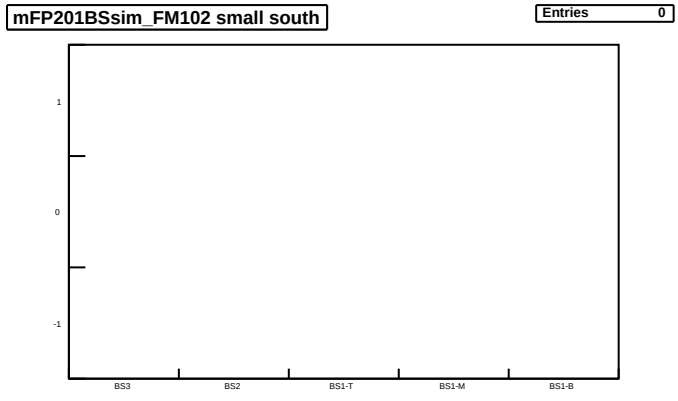

mFM104JP -- South -- Bottom -- FM012
Entries 324734
JP-EF
Unused

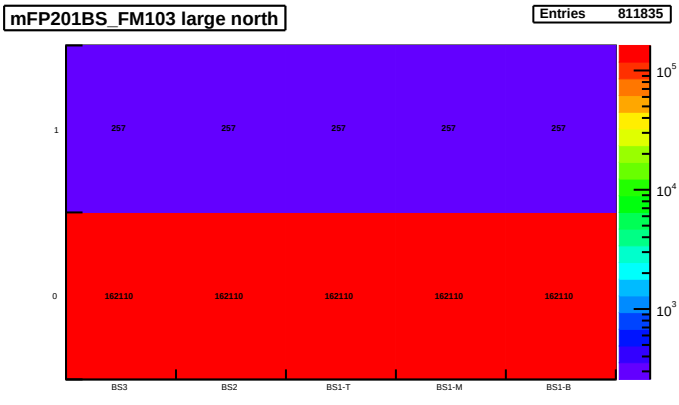

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

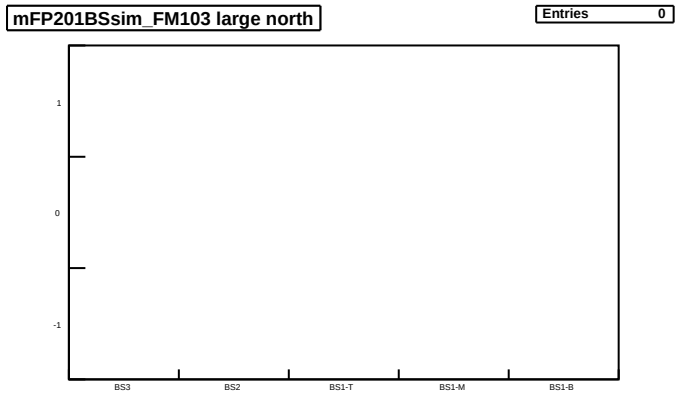

mFP201BS_FM101 small north
Entries 811835
257 257 257 257 257
162110 162110 162110 162110 162110
BS3 BS2 BS1-T BS1-M BS1-B

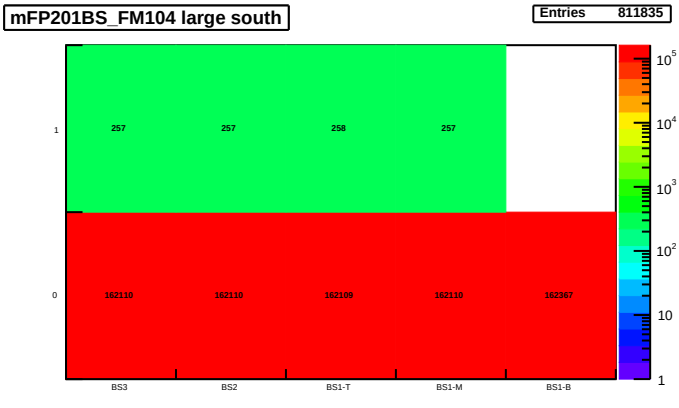

mFP201BSsim_FM101 small north
Entries 0
BS3 BS2 BS1-T BS1-M BS1-B

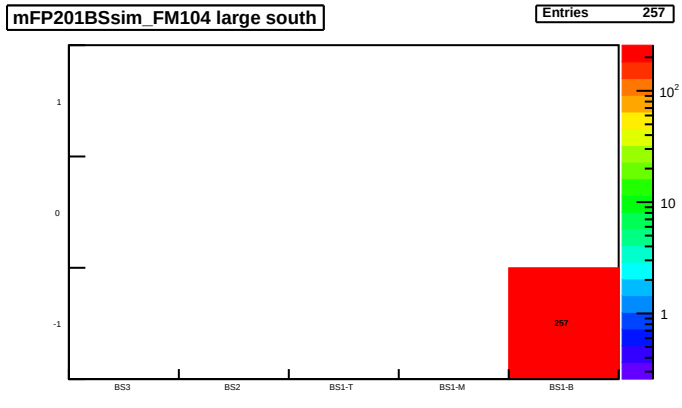

mFP201BS_FM102 small south
Entries 811835
257 257 284 257 257
162110 162110 162083 162110 162110
BS3 BS2 BS1-T BS1-M BS1-B

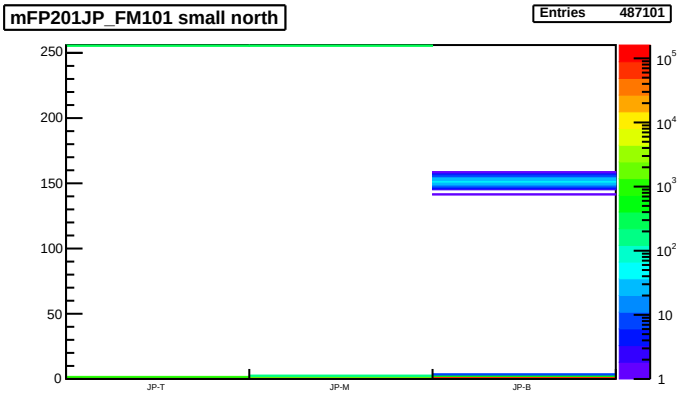

mFP201BSsim_FM102 small south
Entries 0
BS3 BS2 BS1-T BS1-M BS1-B

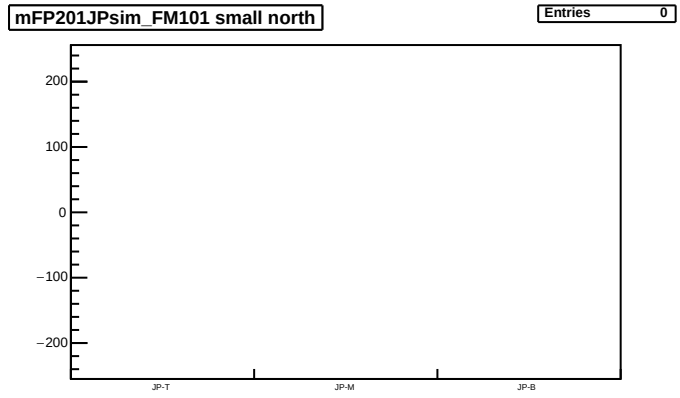

mFP201BS_FM103 large north
Entries 811835
257 257 257 257 257
162110 162110 162110 162110 162110
BS3 BS2 BS1-T BS1-M BS1-B

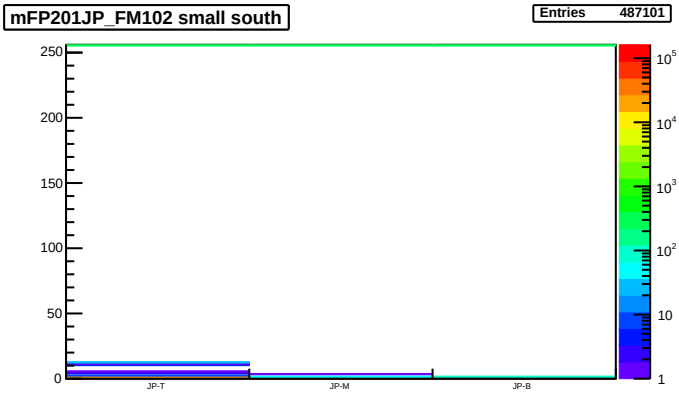

mFP201BSsim_FM103 large north
Entries 0
BS3 BS2 BS1-T BS1-M BS1-B

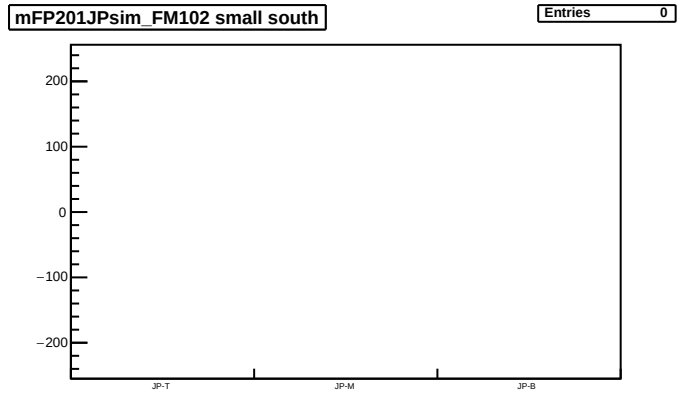

mFP201BS_FM104 large south
Entries 811835
257 257 258 257
162110 162110 162109 162110 162367
BS3 BS2 BS1-T BS1-M BS1-B

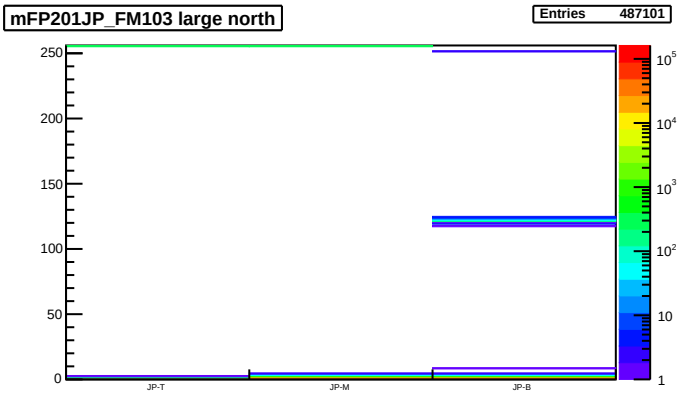

mFP201BSsim_FM104 large south
Entries 257
257
BS3 BS2 BS1-T BS1-M BS1-B

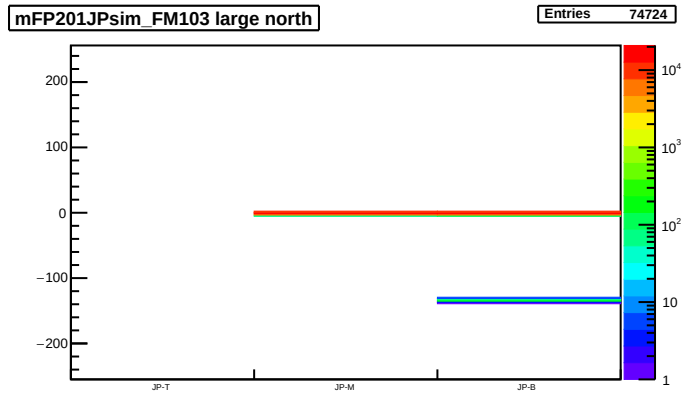

mFP201JP_FM101 small north
Entries 487101
JP-T
JP-M
JP-B

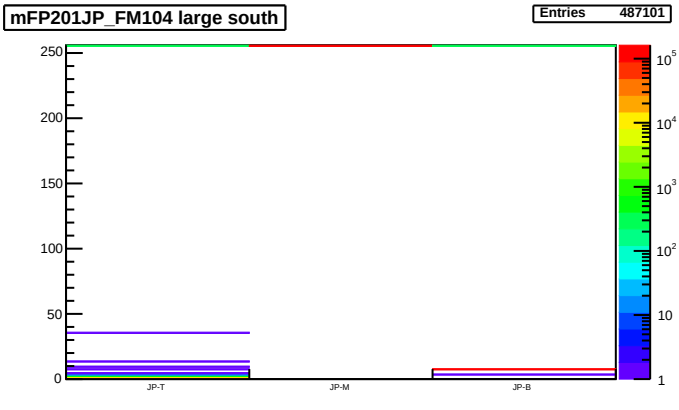

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

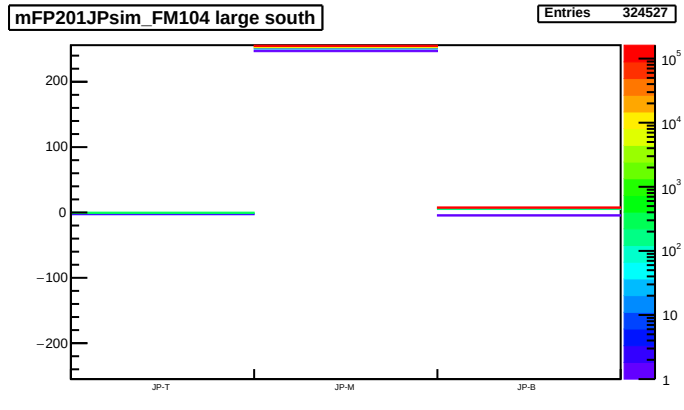

mFP201JP_FM102 small south
Entries 487101
JP-T
JP-M
JP-B

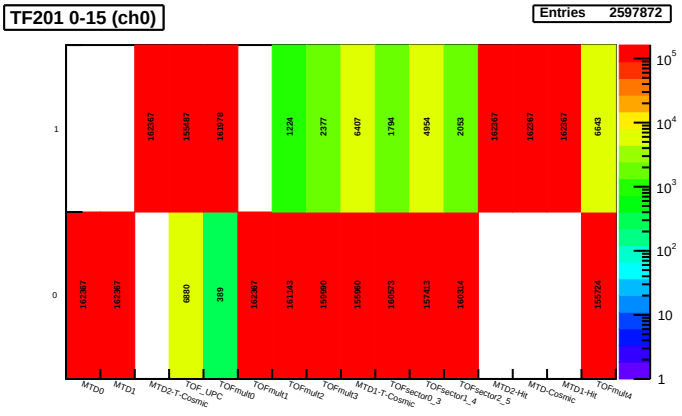

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

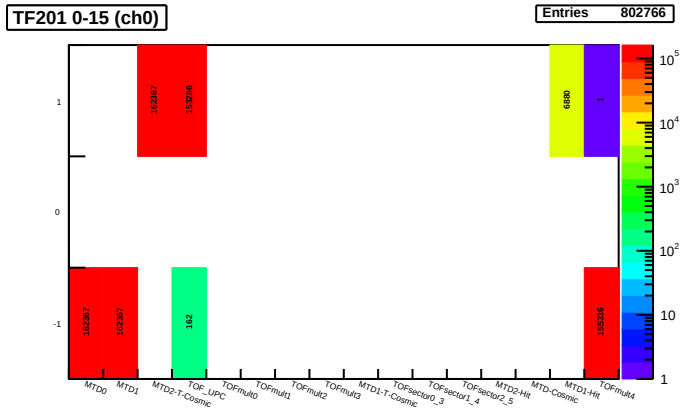

mFP201JP_FM103 large north
Entries 487101
JP-T
JP-M
JP-B

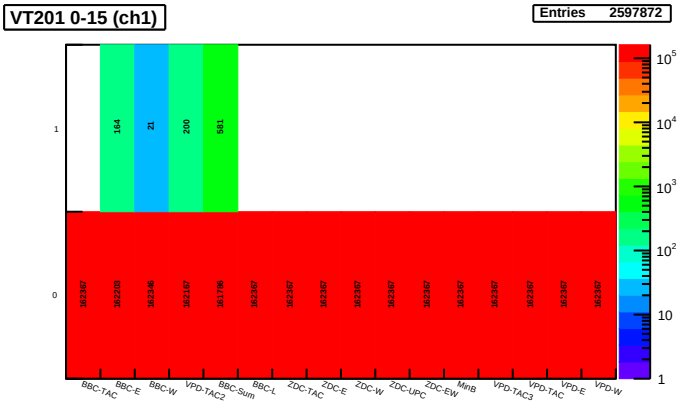

mFP201JPsim_FM103 large north
Entries 74724
JP-T
JP-M
JP-B

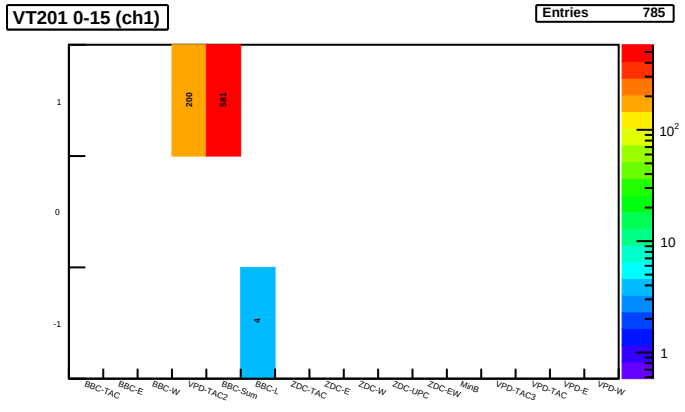

mFP201JP_FM104 large south
Entries 487101
JP-T
JP-M
JP-B

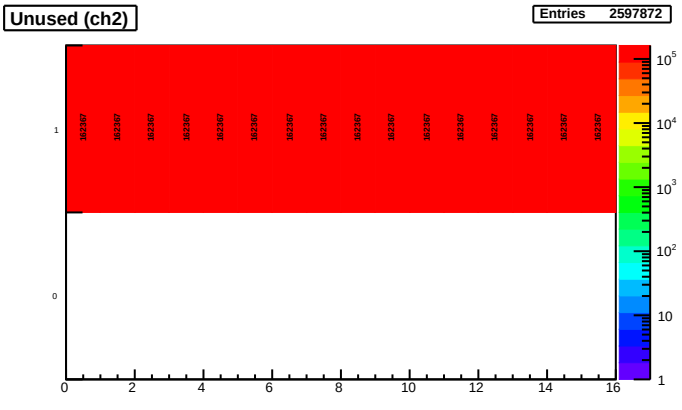

mFP201JPsim_FM104 large south
Entries 324527
JP-T
JP-M
JP-B

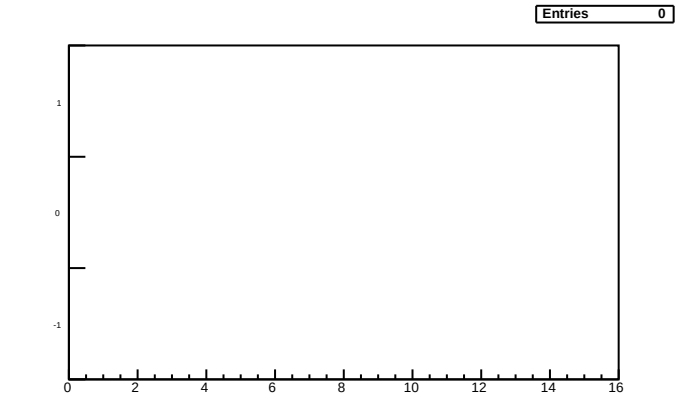

TF201 0-15 (ch0)
Entries 2597872
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

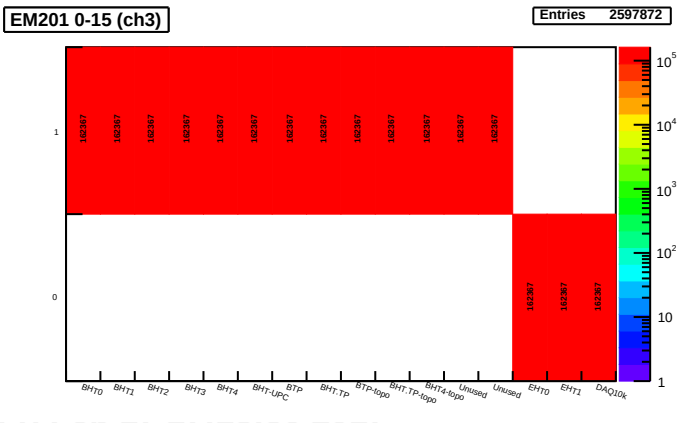

TF201 0-15 (ch0)
Entries 802766
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

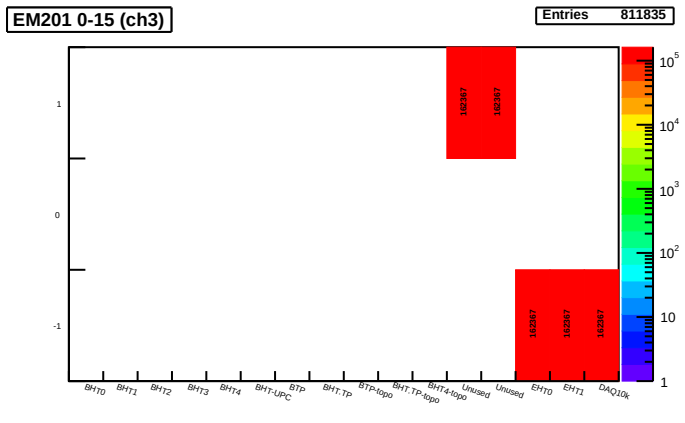

VT201 0-15 (ch1)
Entries 2597872
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

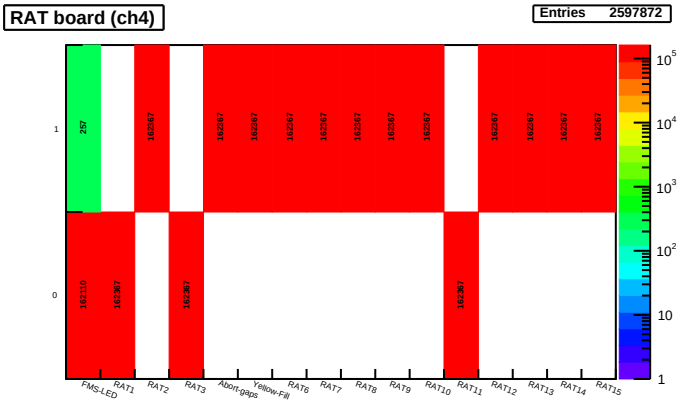

VT201 0-15 (ch1)
Entries 785
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

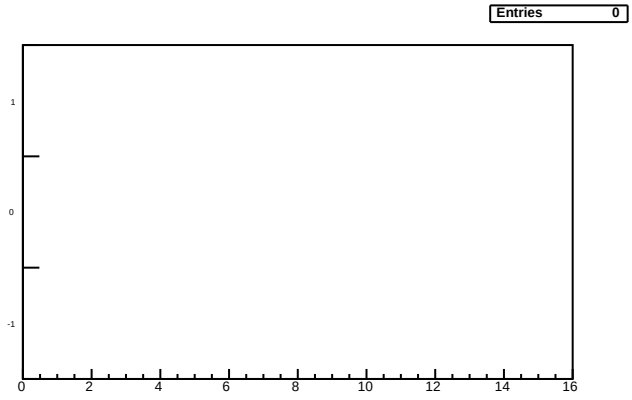

Unused (ch2)
Entries 2597872

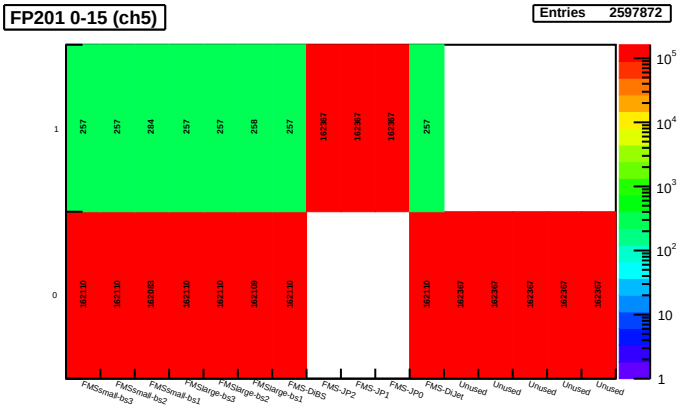

Entries 0

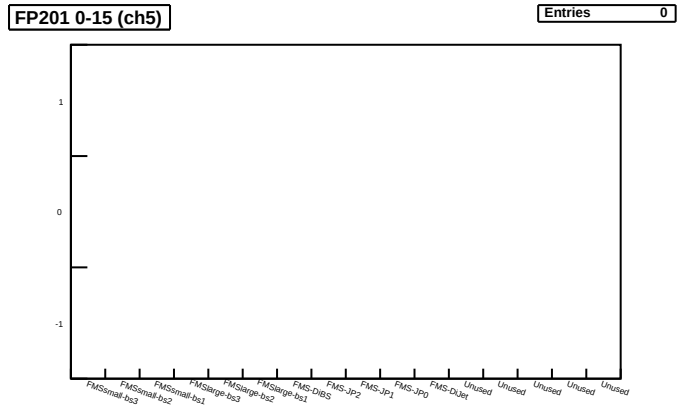

EM201 0-15 (ch3)
Entries 2597872
BH1T0 BH1T1 BH1T2 BH1T3 BH1T4 BH1T-UPC BTP BH1T:TP BTP-topo BH1T:TP-topo BH1T4-topo Unused Unused EH1T0 EH1T1 DAQ10k

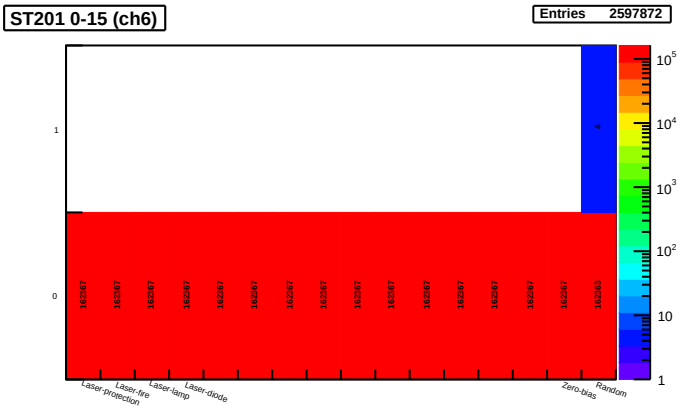

EM201 0-15 (ch3)
Entries 811835
BH1T0 BH1T1 BH1T2 BH1T3 BH1T4 BH1T-UPC BTP BH1T:TP BTP-topo BH1T:TP-topo BH1T4-topo Unused Unused EH1T0 EH1T1 DAQ10k

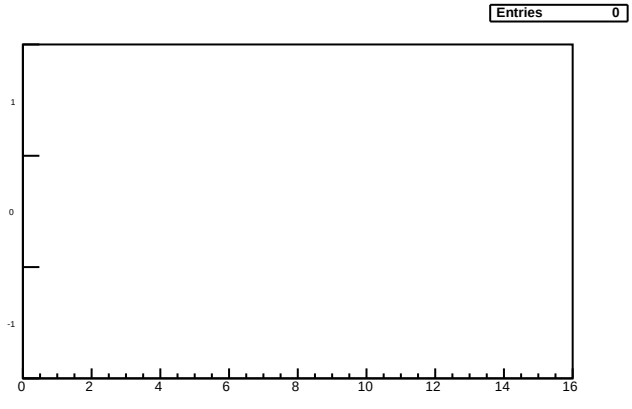

RAT board (ch4)
Entries 2597872
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

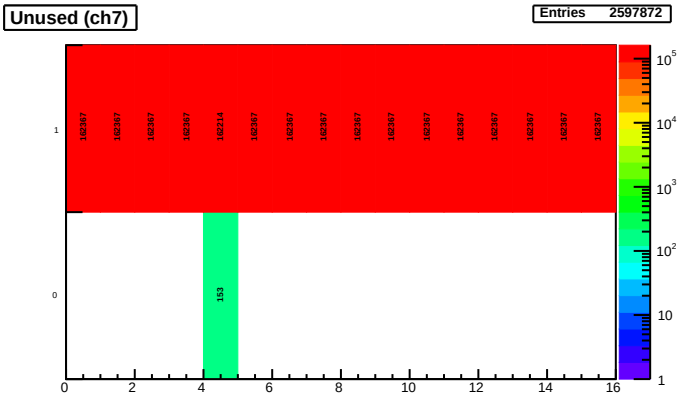

Entries 0


FP201 0-15 (ch5)
Entries 2597872
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


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


ST201 0-15 (ch6)
Entries 2597872
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0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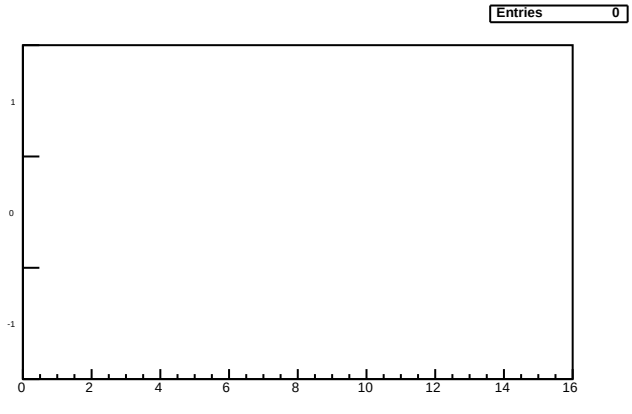
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