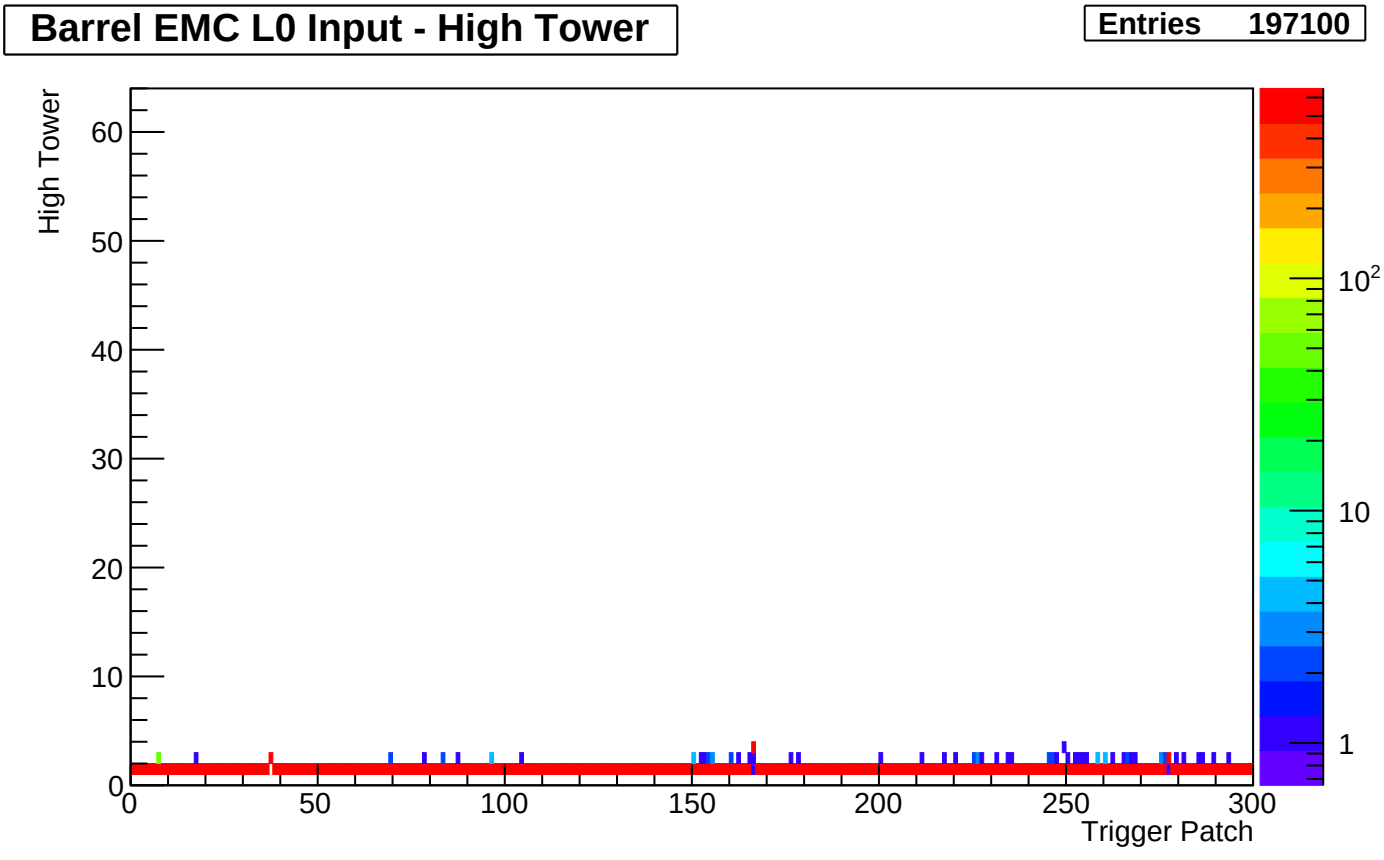
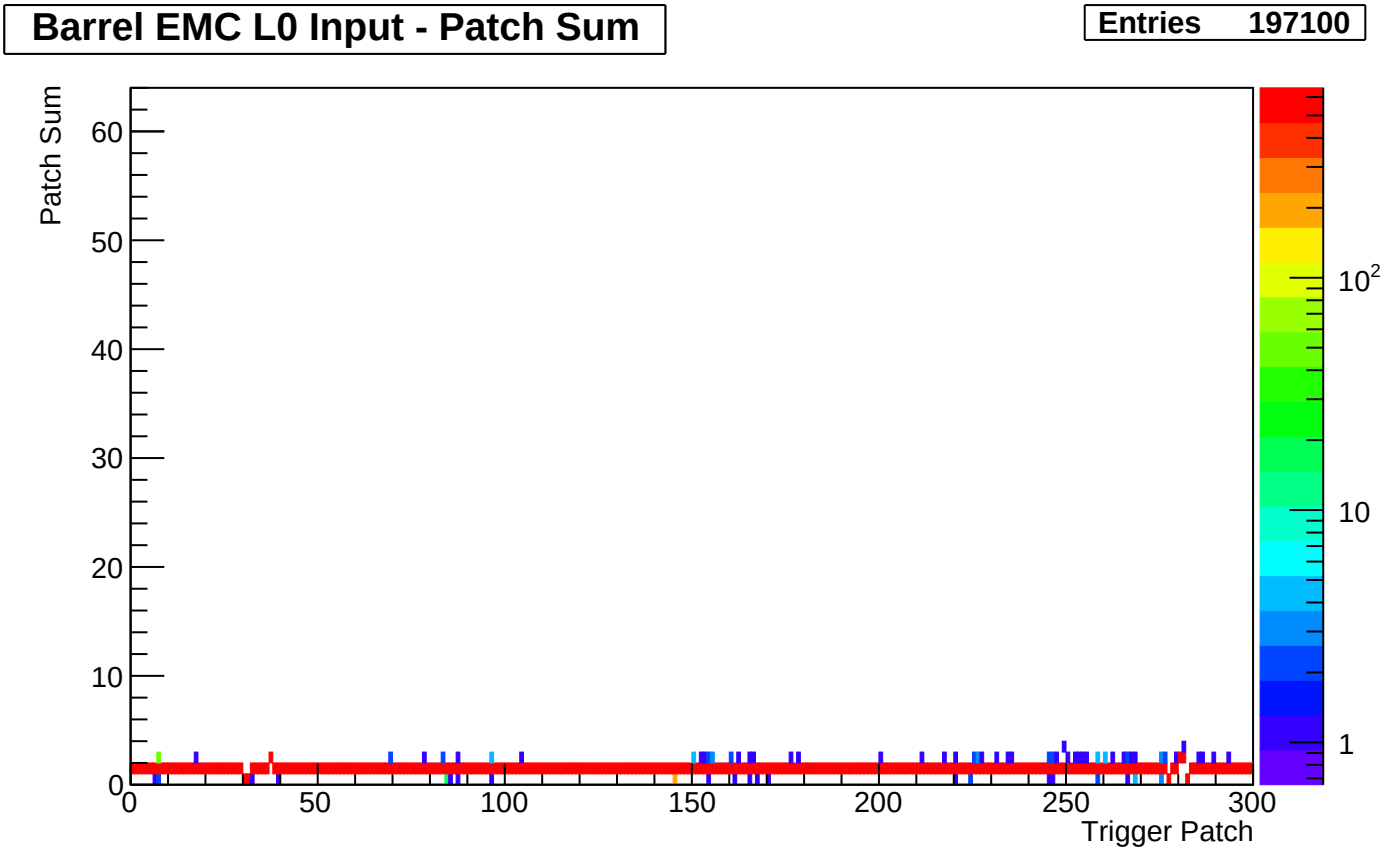
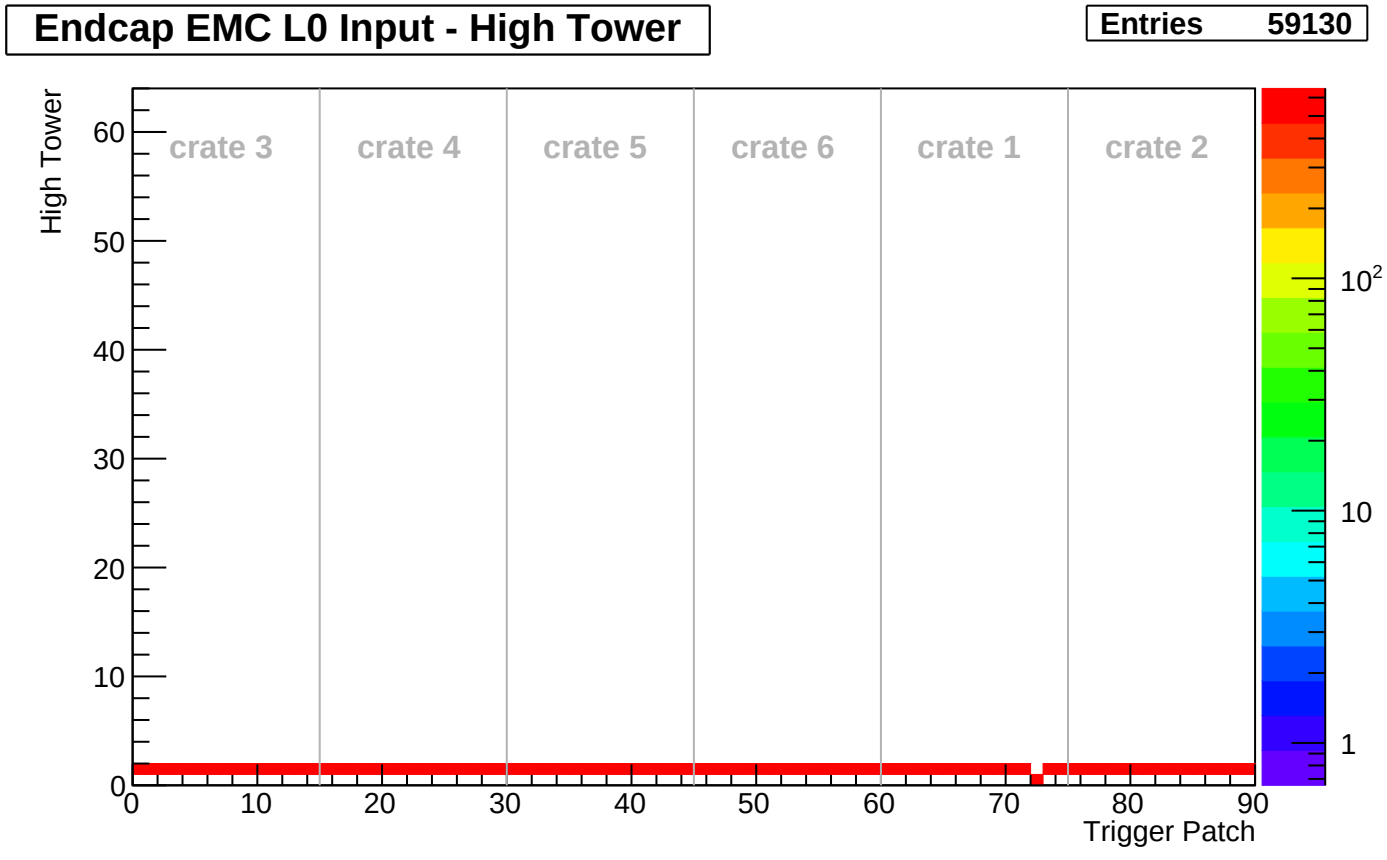
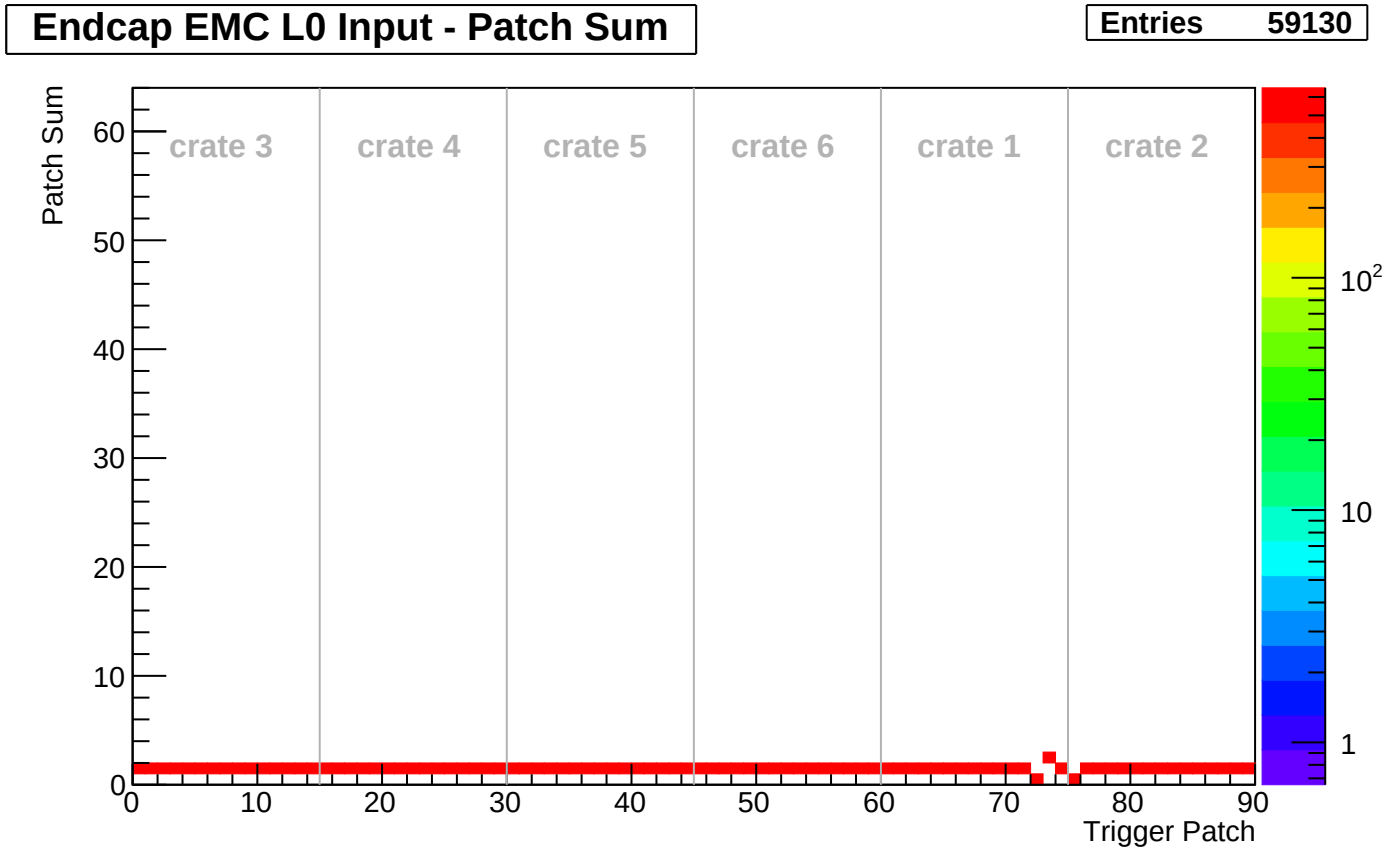
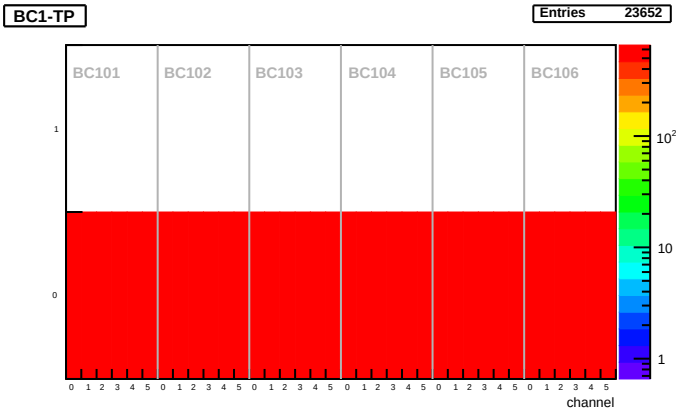
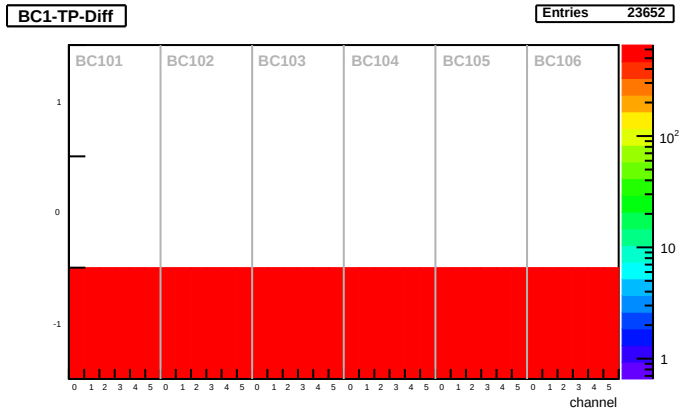

Barrel EMC L0 Input - High Tower
Entries 197100
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2

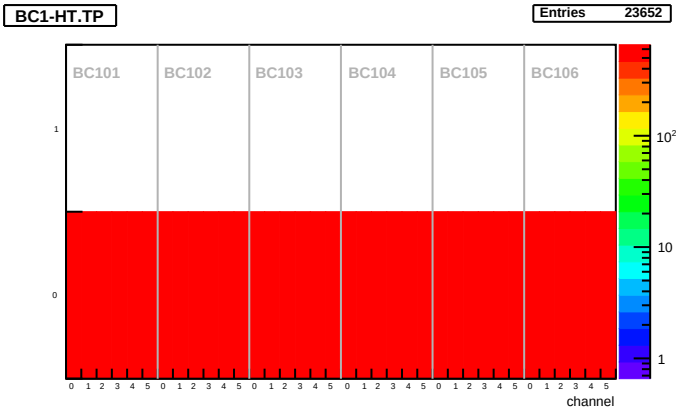

Barrel EMC L0 Input - Patch Sum
Entries 197100
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2

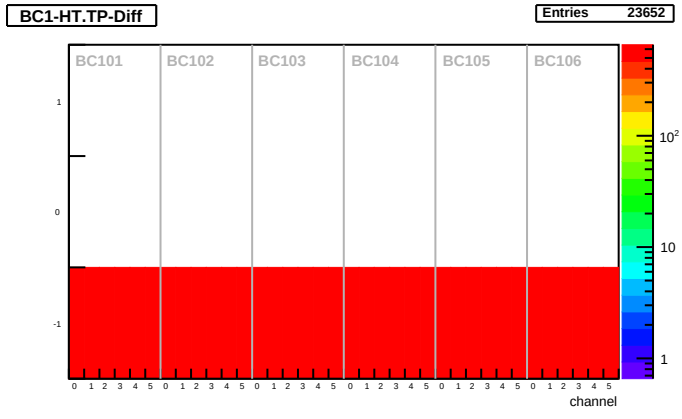

Endcap EMC L0 Input - High Tower
Entries 59130
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2

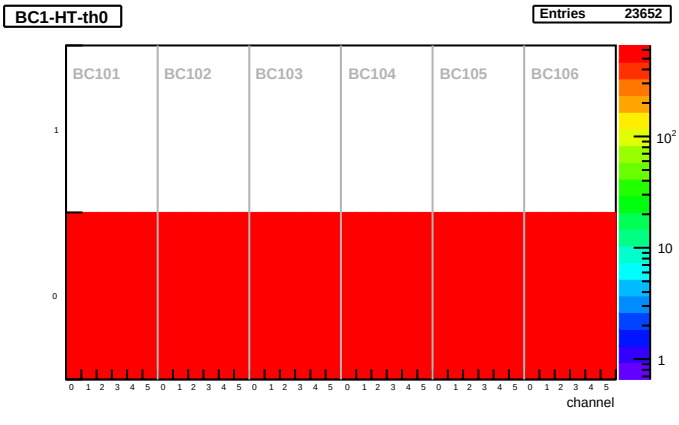

Endcap EMC L0 Input - Patch Sum
Entries 59130
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2

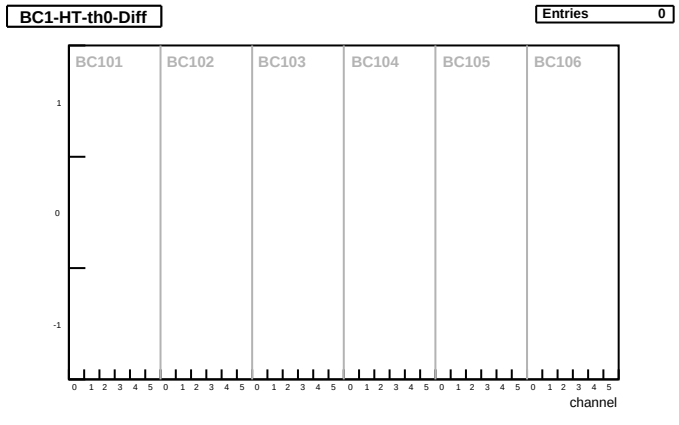

BC1-TP
Entries 23652
BC101
BC102
BC103
BC104
BC105
BC106
channel

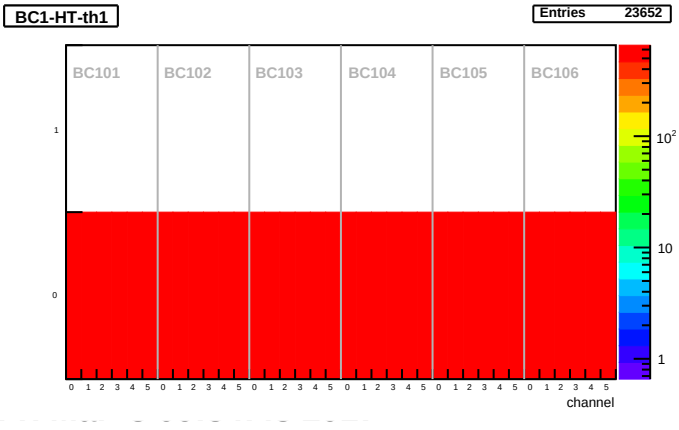

BC1-TP-Diff
Entries 23652
BC101
BC102
BC103
BC104
BC105
BC106
channel

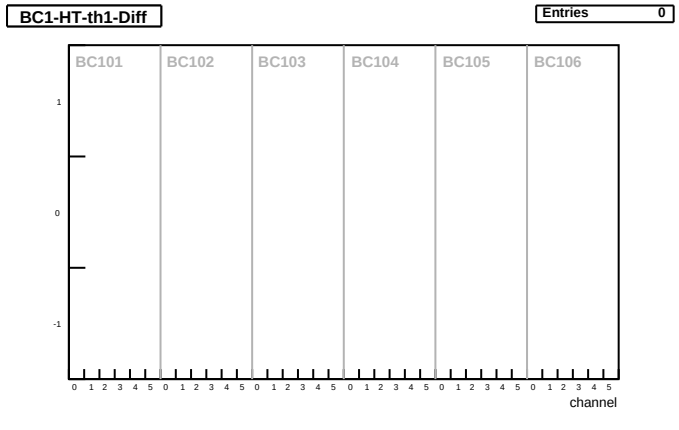

BC1-HT.TP
Entries 23652
BC101
BC102
BC103
BC104
BC105
BC106
channel

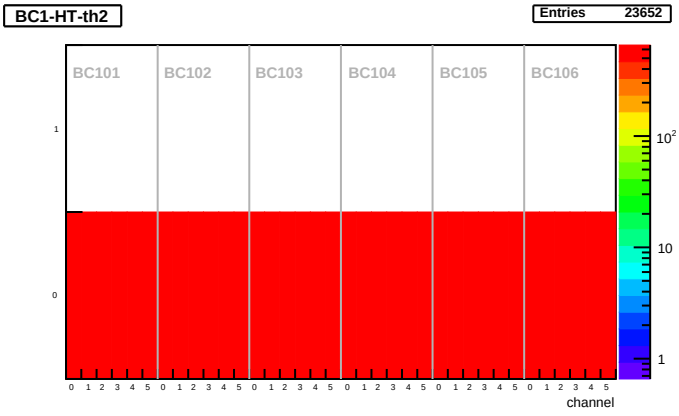

BC1-HT.TP-Diff
Entries 23652
BC101
BC102
BC103
BC104
BC105
BC106
channel

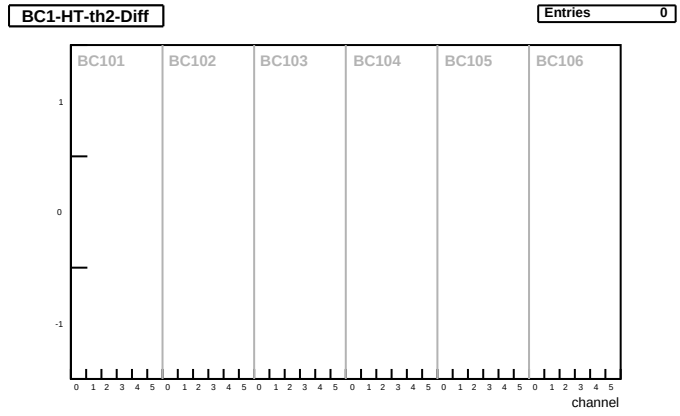

BC1-HT-th0
Entries 23652
BC101
BC102
BC103
BC104
BC105
BC106
channel

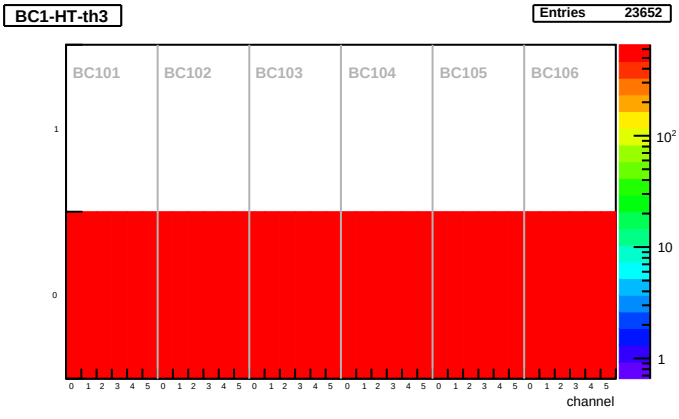

BC1-HT-th0-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

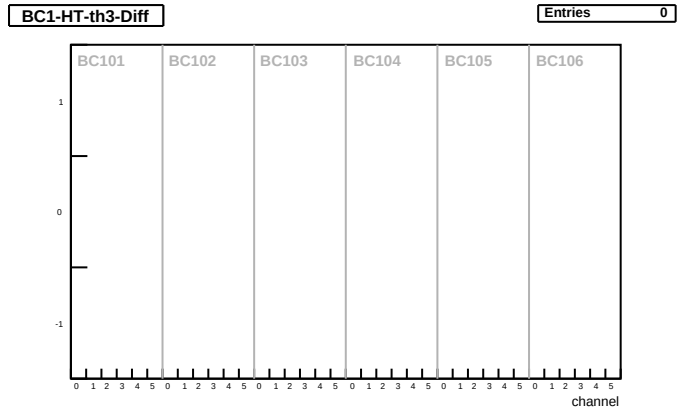

BC1-HT-th1
Entries 23652
BC101
BC102
BC103
BC104
BC105
BC106
channel

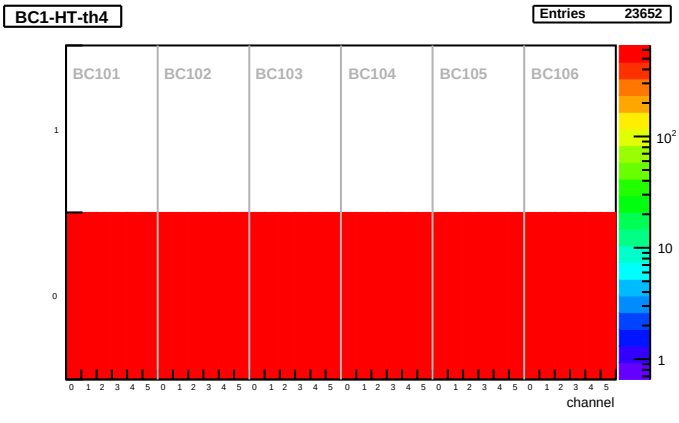

BC1-HT-th1-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

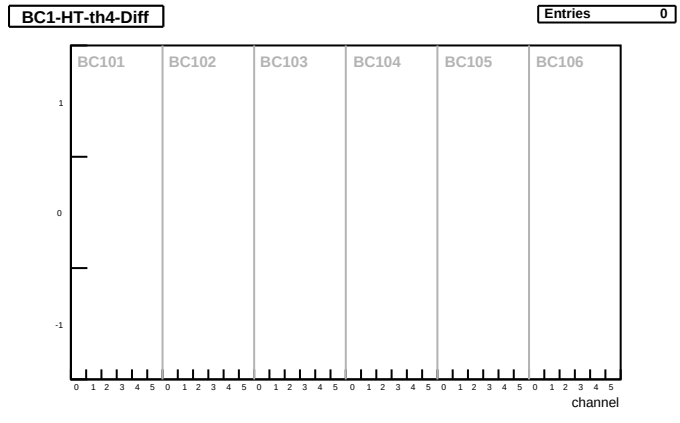

BC1-HT-th2
Entries 23652
BC101
BC102
BC103
BC104
BC105
BC106
channel

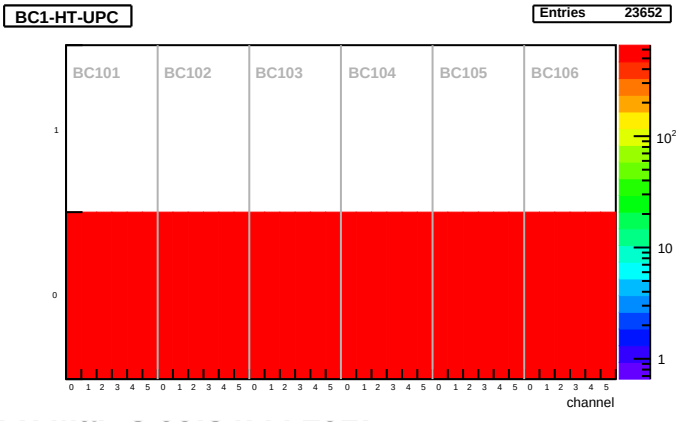

BC1-HT-th2-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

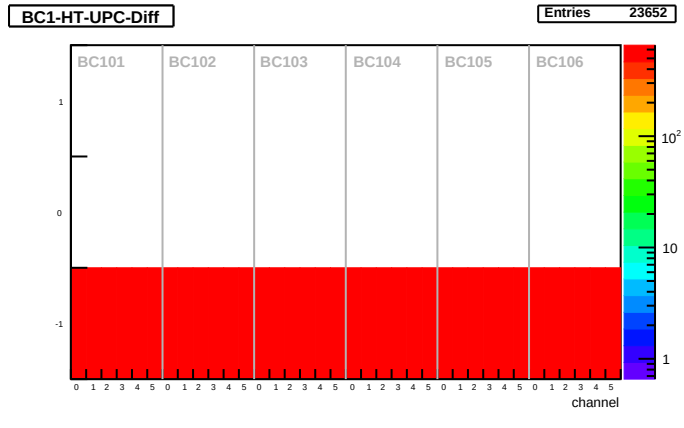

BC1-HT-th3
Entries 23652
BC101
BC102
BC103
BC104
BC105
BC106
channel

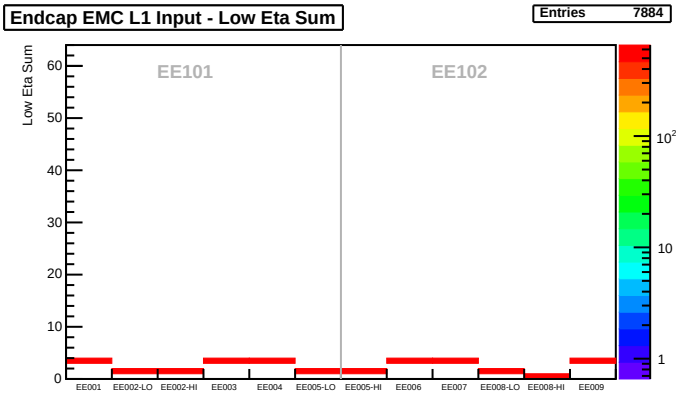

BC1-HT-th3-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

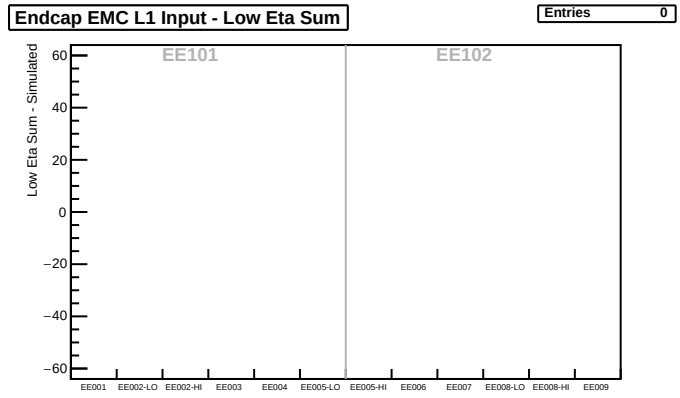

BC1-HT-th4
Entries 23652
BC101
BC102
BC103
BC104
BC105
BC106
channel

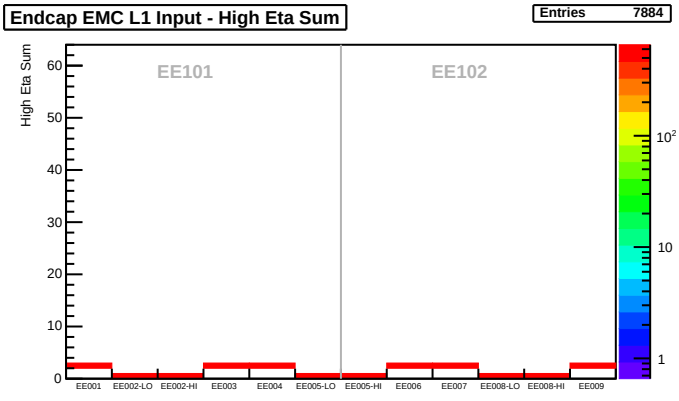

BC1-HT-th4-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

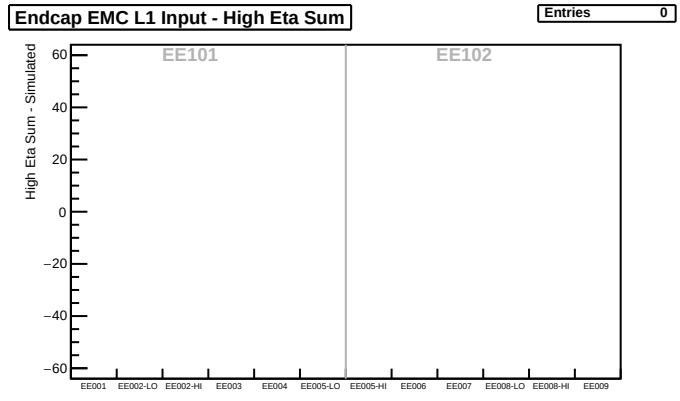

BC1-HT-UPC
Entries 23652
BC101
BC102
BC103
BC104
BC105
BC106
channel

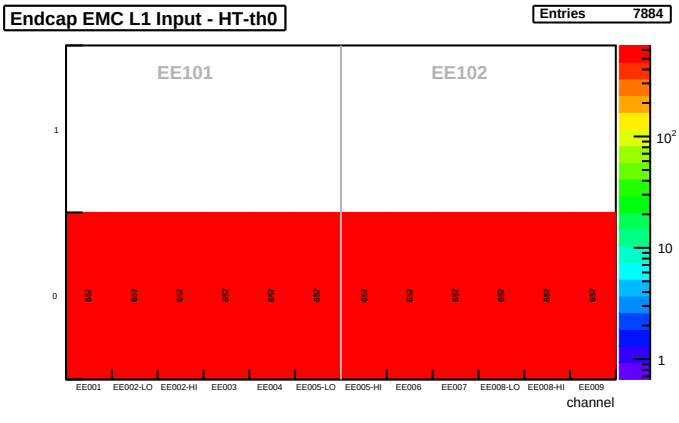

BC1-HT-UPC-Diff
Entries 23652
BC101
BC102
BC103
BC104
BC105
BC106
channel

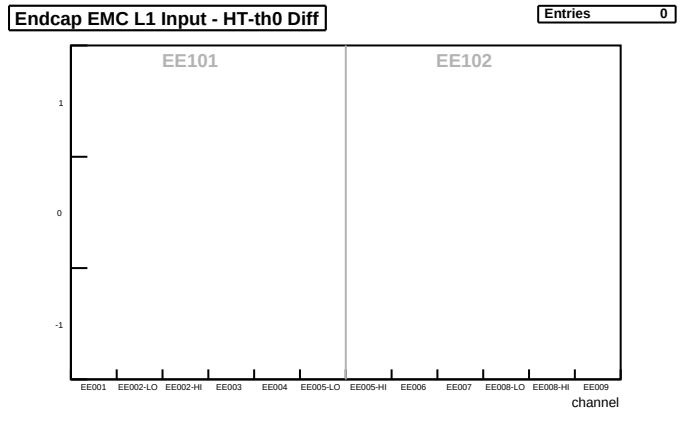

Endcap EMC L1 Input - Low Eta Sum
Entries 7884
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

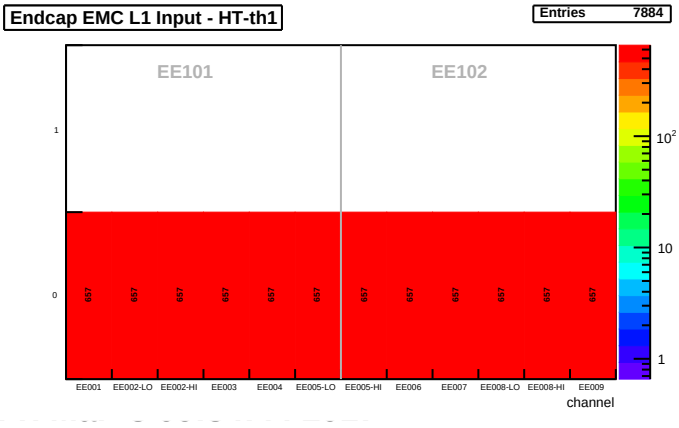

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

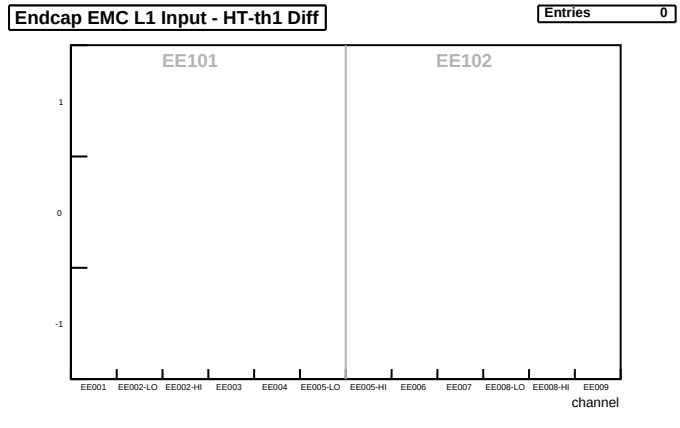

Endcap EMC L1 Input - High Eta Sum
Entries 7884
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

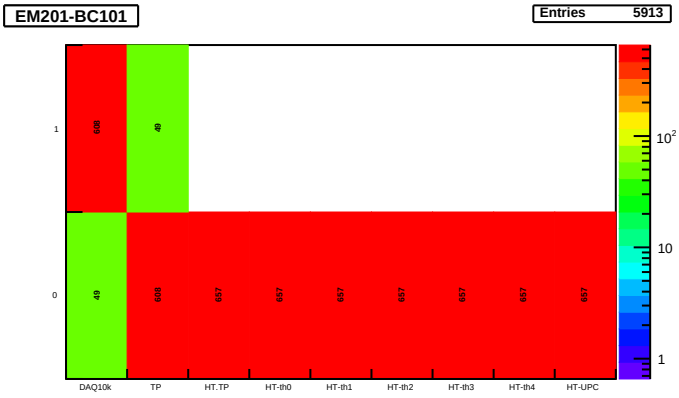

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

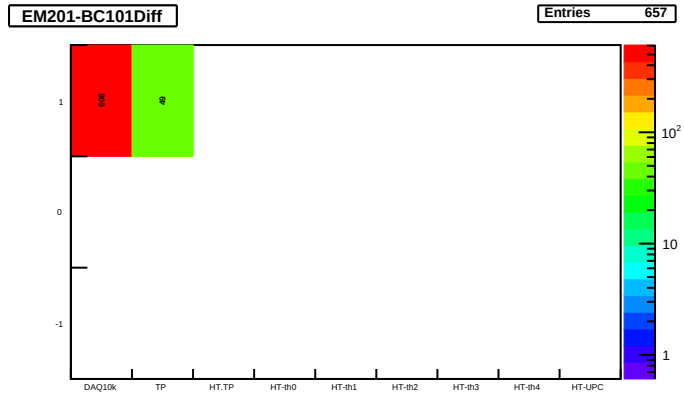

Endcap EMC L1 Input - HT-th0
Entries 7884
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

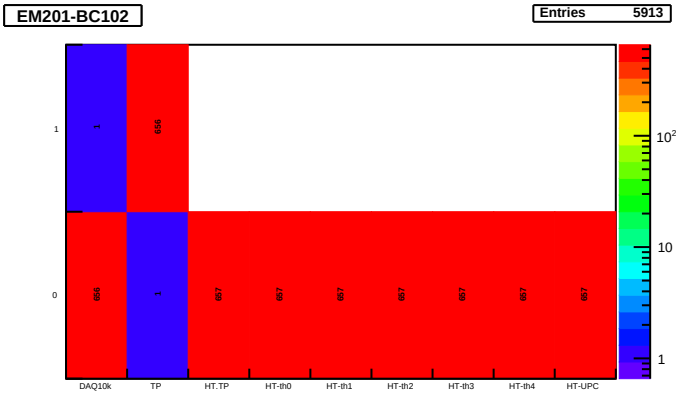

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

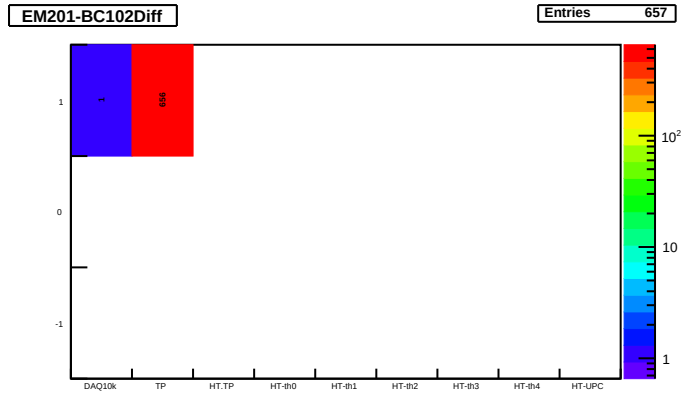

Endcap EMC L1 Input - HT-th1
Entries 7884
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

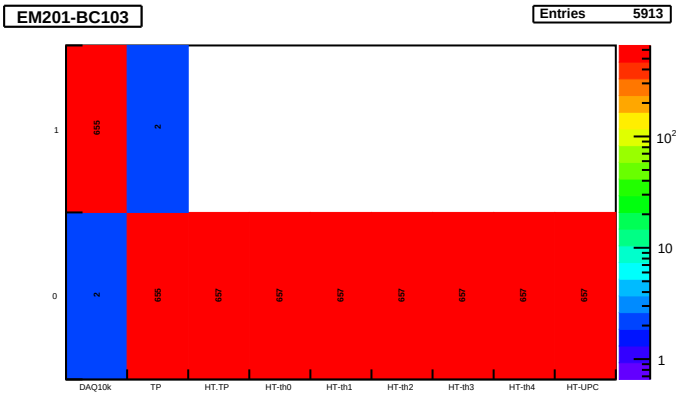

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

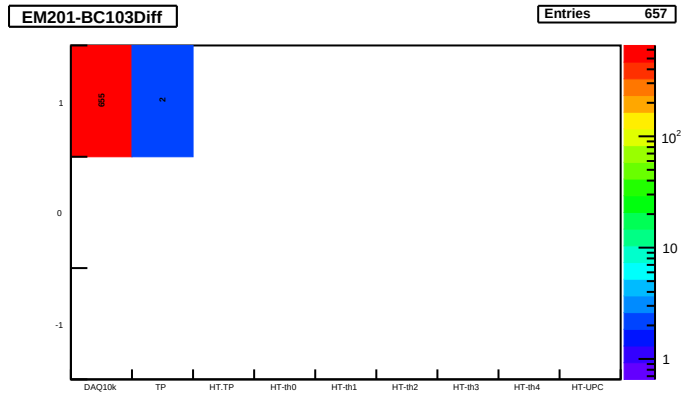

EM201-BC101
Entries 5913
608
49
49
608
657
657
657
657
657
657
657
1
0
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^2
10
1

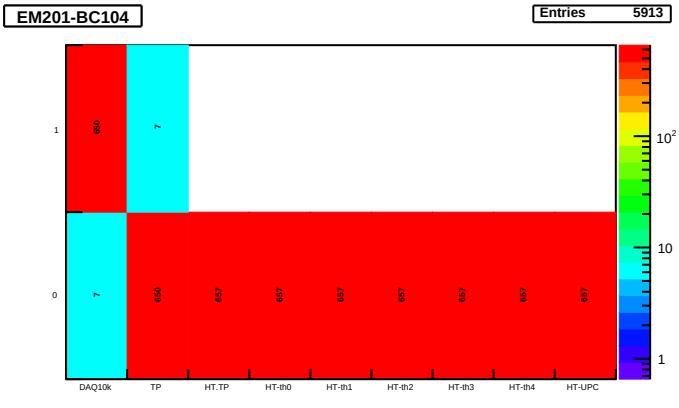

EM201-BC101Diff
Entries 657
608
49
1
0
-1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^2
10
1

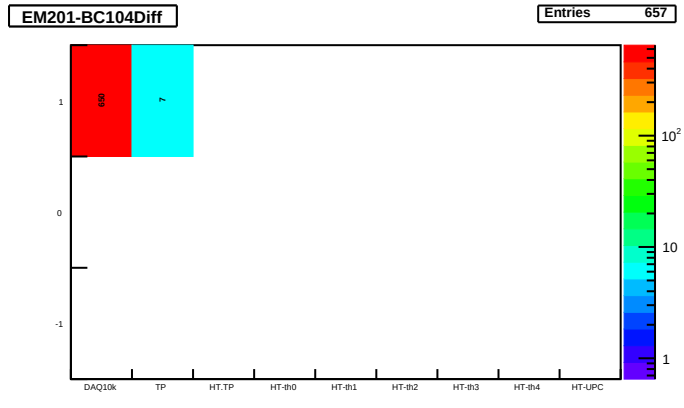

EM201-BC102
Entries 5913
1
656
656
1
657
657
657
657
657
657
657
1
0
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^2
10
1


EM201-BC102Diff
Entries 657
1
656
1
0
-1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^2
10
1

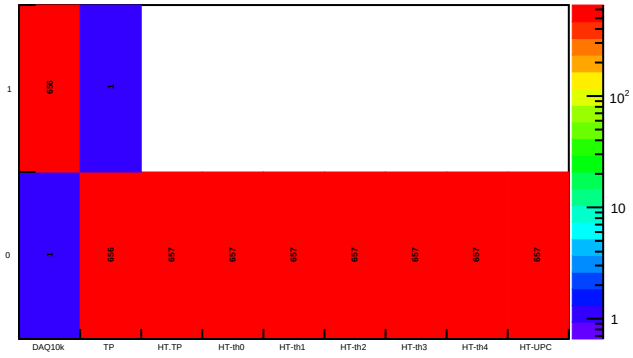

EM201-BC103
Entries 5913
655
2
2
655
657
657
657
657
657
657
657
1
0
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^2
10
1


EM201-BC103Diff
Entries 657
655
2
1
0
-1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^2
10
1

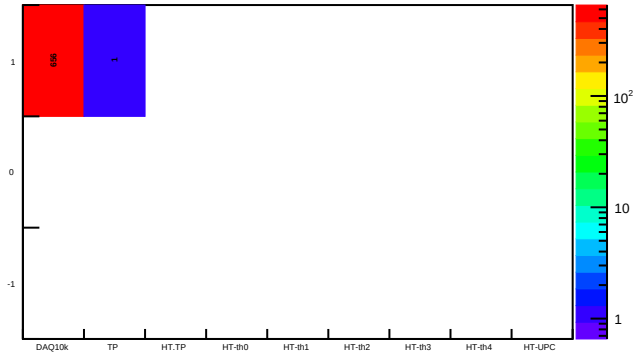

EM201-BC104
Entries 5913
650
7
7
650
657
657
657
657
657
657
657
1
0
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^2
10
1


EM201-BC104Diff
Entries 657
650
7
1
0
-1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^2
10
1

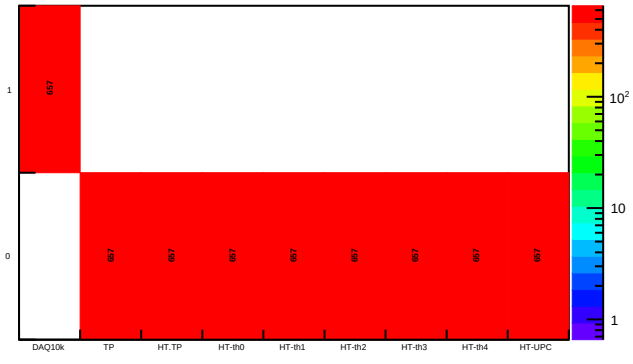
EM201-BC105 Entries 5913



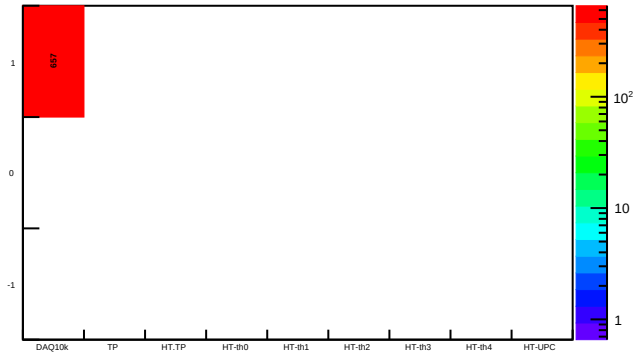
EM201-BC105Diff Entries 657



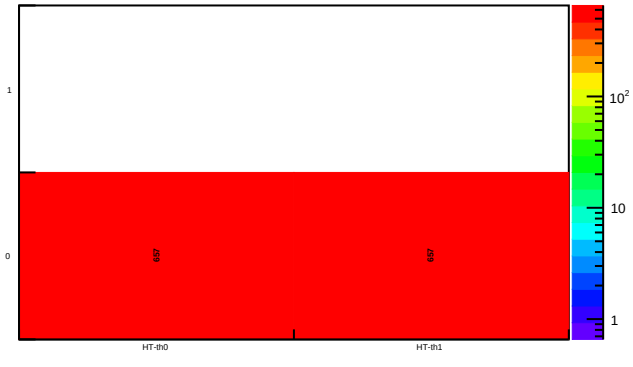
EM201-BC106 Entries 5913



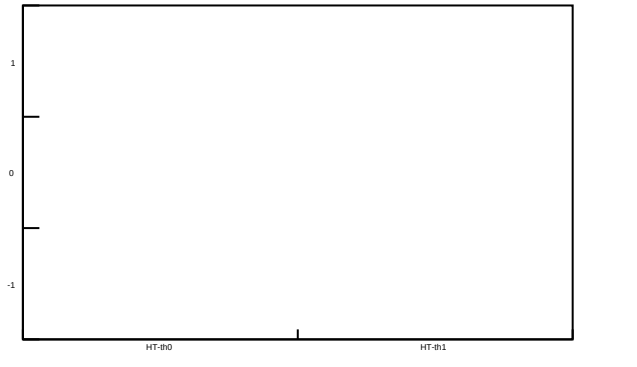
EM201-BC106Diff Entries 657



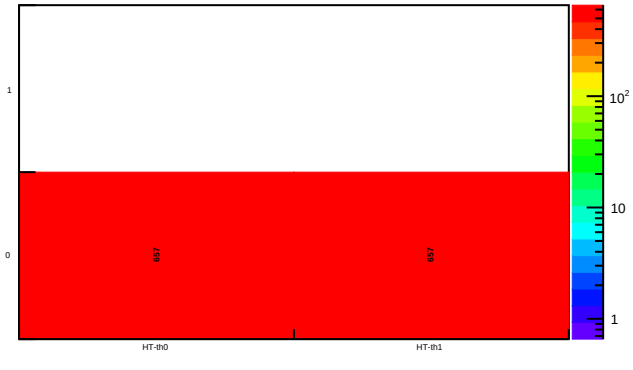
EM201-EE101 Entries 1314



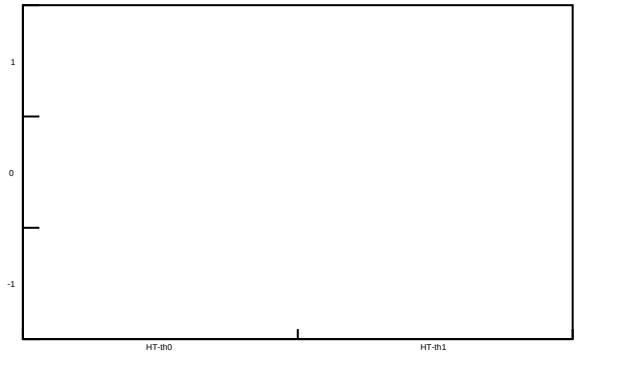
EM201-EE101Diff Entries 0

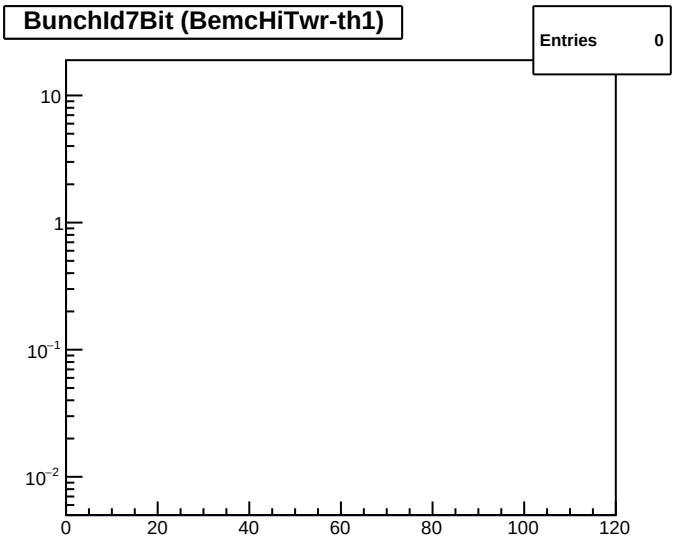


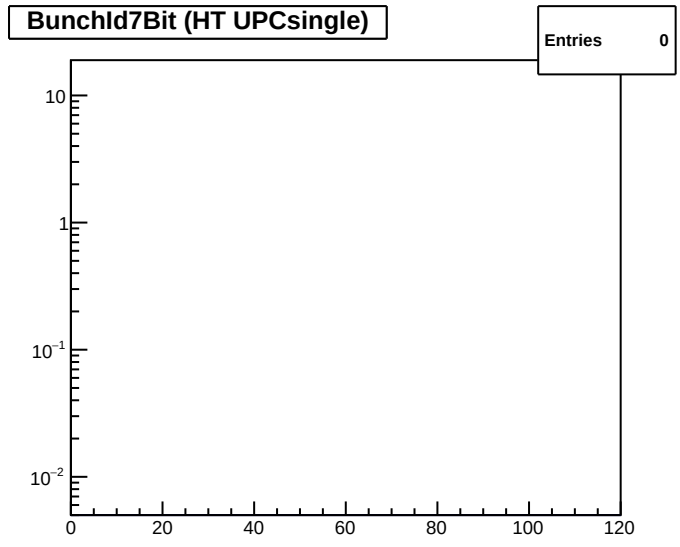
EM201-EE102 Entries 1314

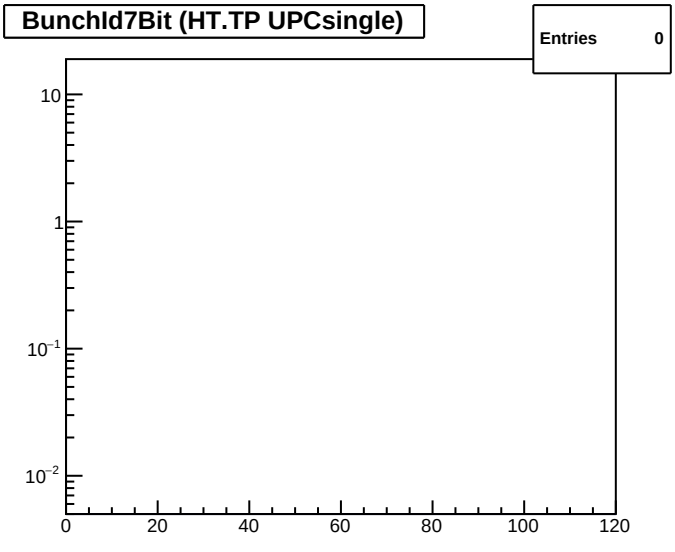


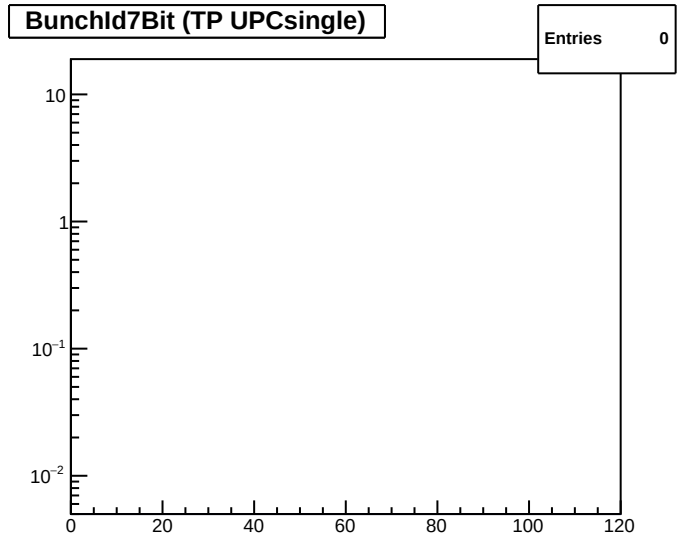
EM201-EE102Diff Entries 0

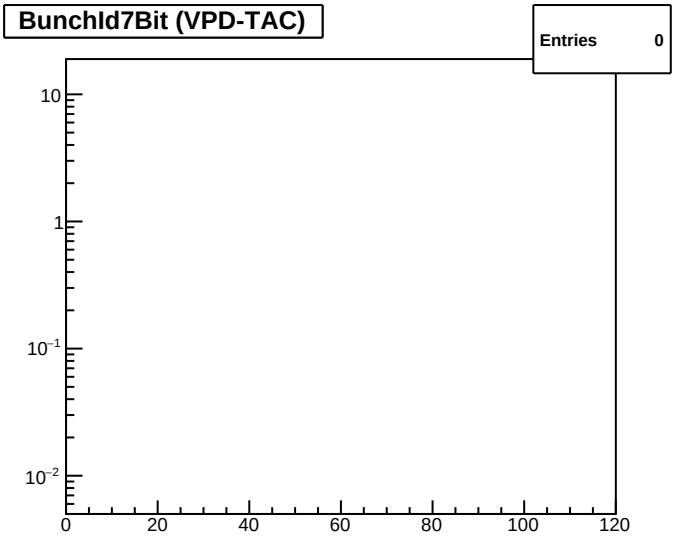


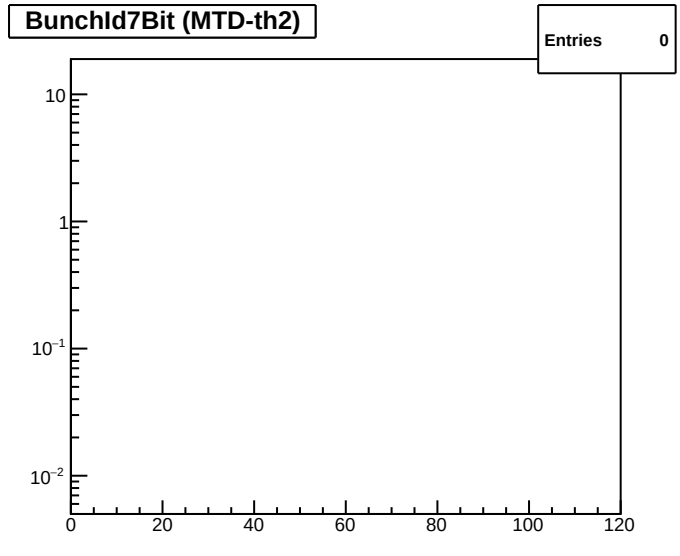

BunchId7Bit (BemcHiTwr-th1)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

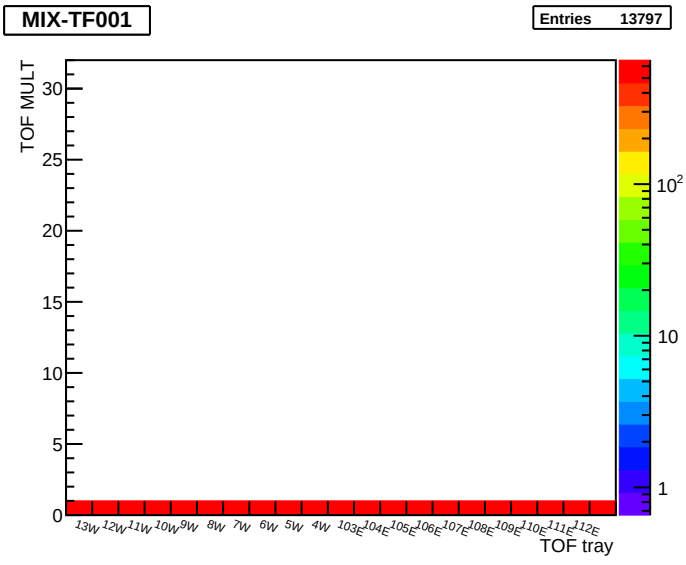

BunchId7Bit (HT UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

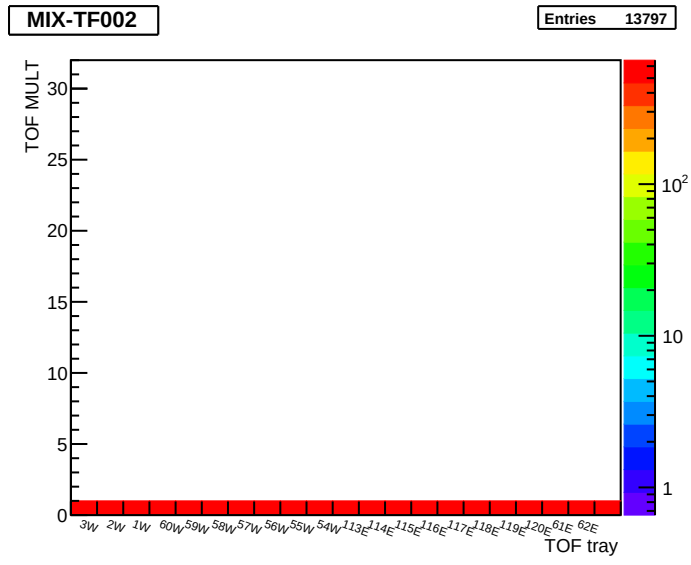

BunchId7Bit (HT.TP UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

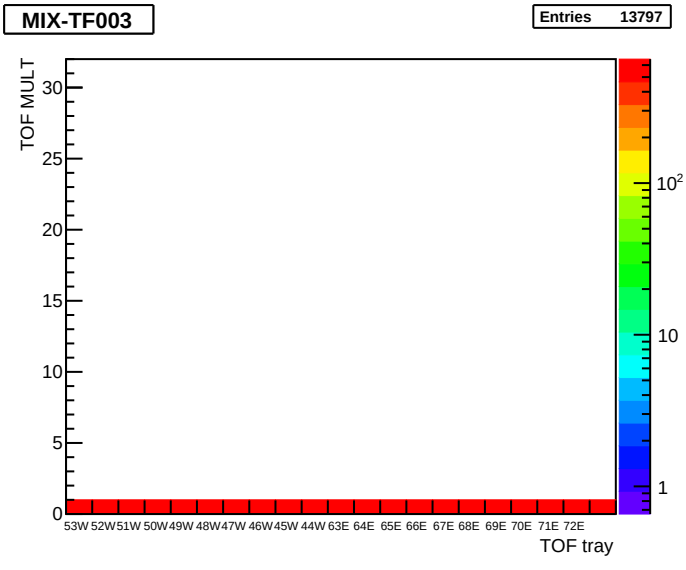

BunchId7Bit (TP UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

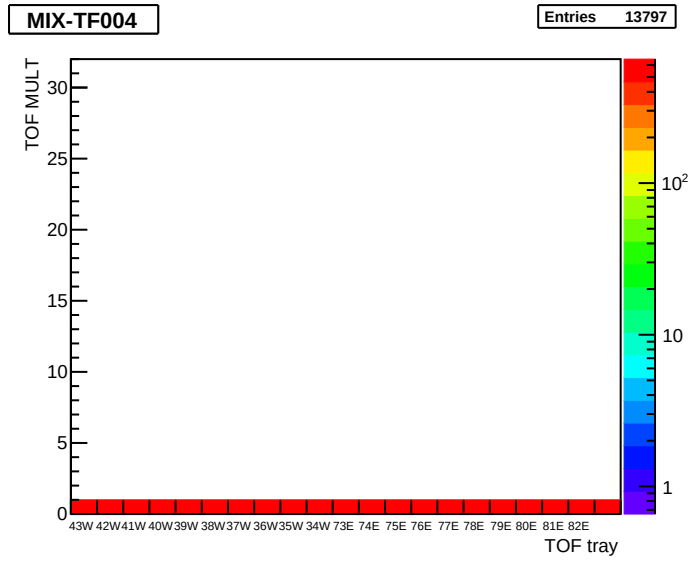

BunchId7Bit (VPD-TAC)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

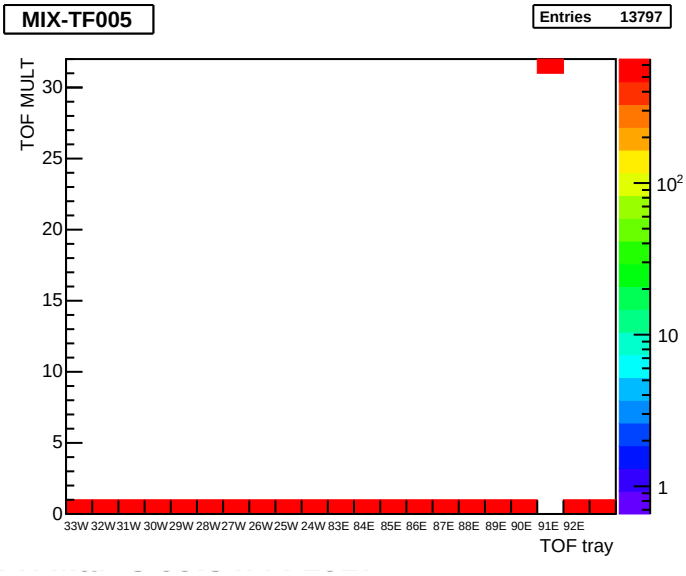

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

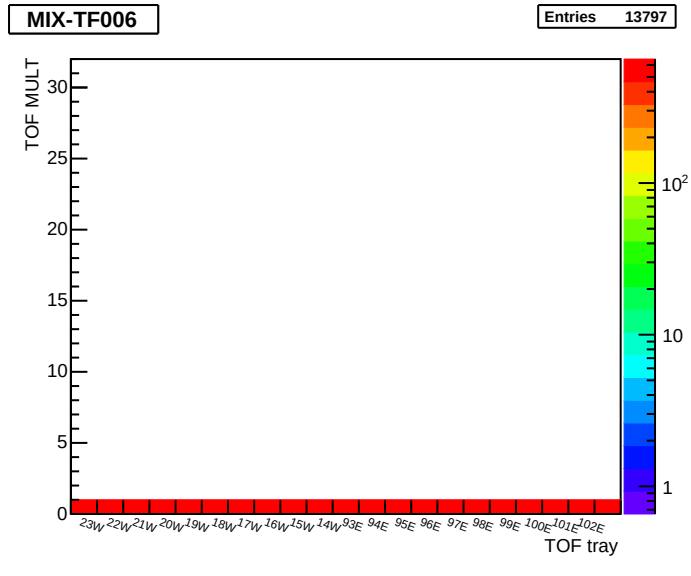

MIX-TF001
Entries 13797
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E


MIX-TF002
Entries 13797
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

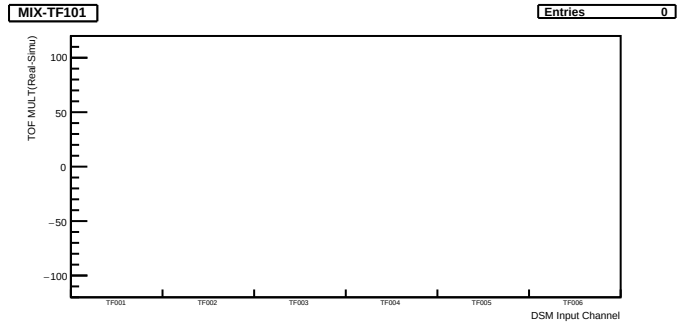

MIX-TF003
Entries 13797
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

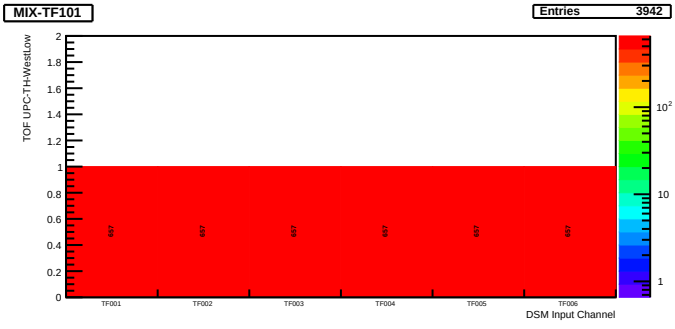

MIX-TF004
Entries 13797
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

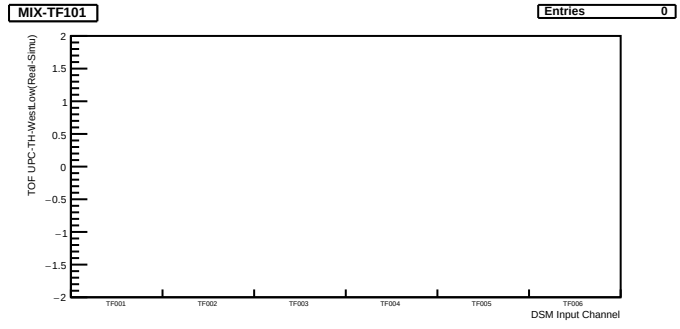

MIX-TF005
Entries 13797
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

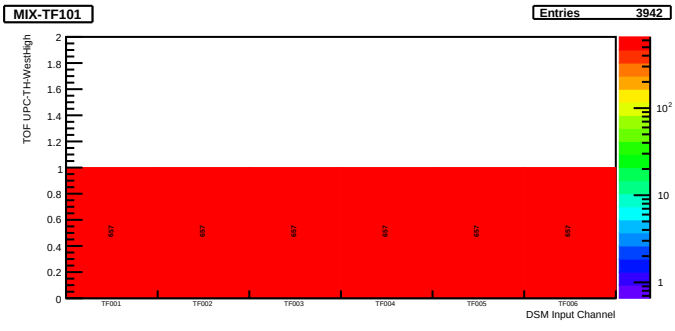

MIX-TF006
Entries 13797
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

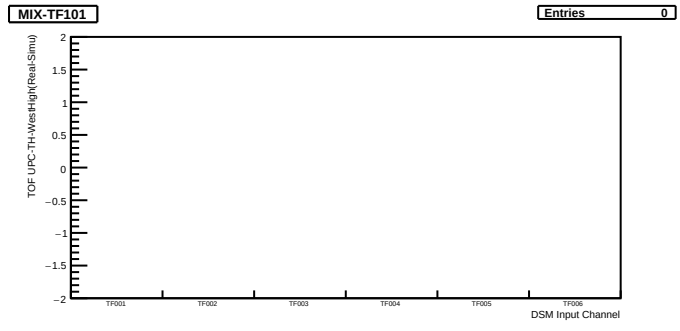
MIX-TF101
Entries 3942
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

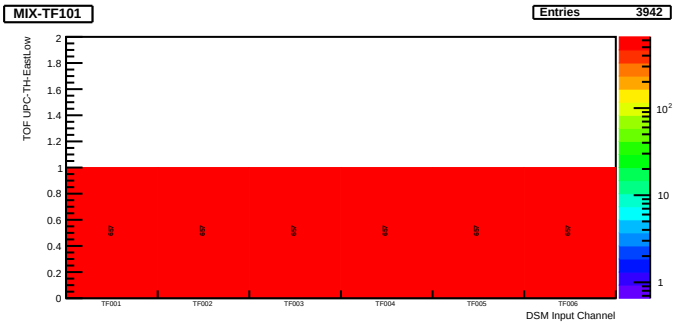

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

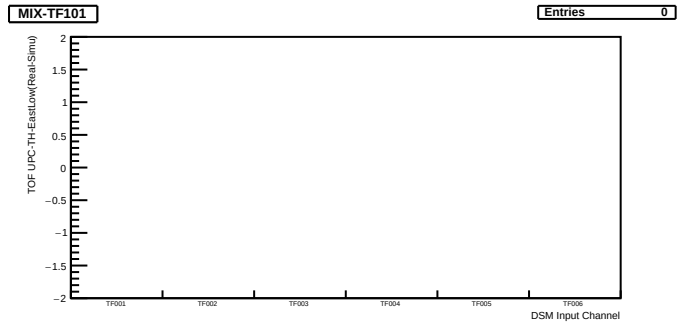

MIX-TF101
Entries 3942
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

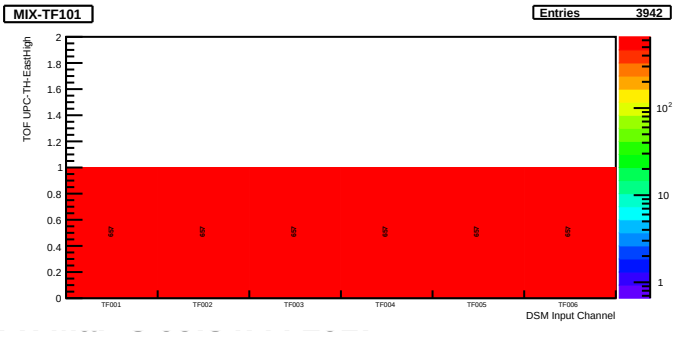

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

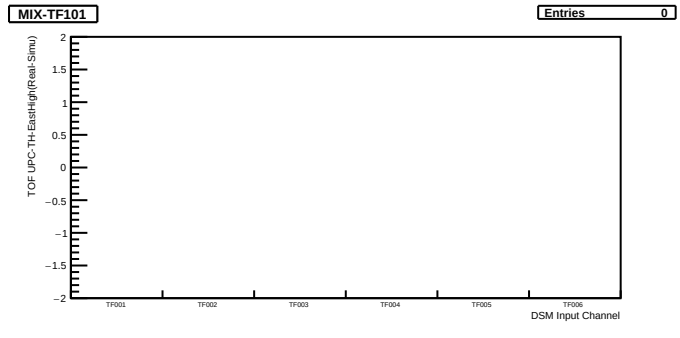

MIX-TF101
Entries 3942
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

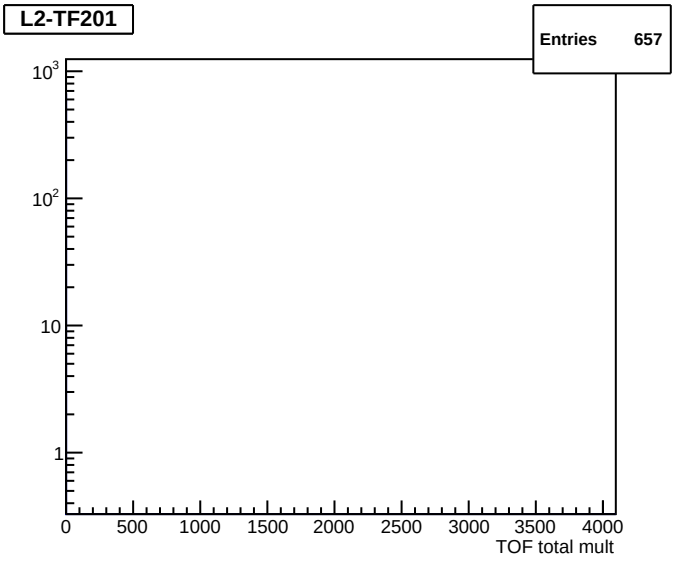

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

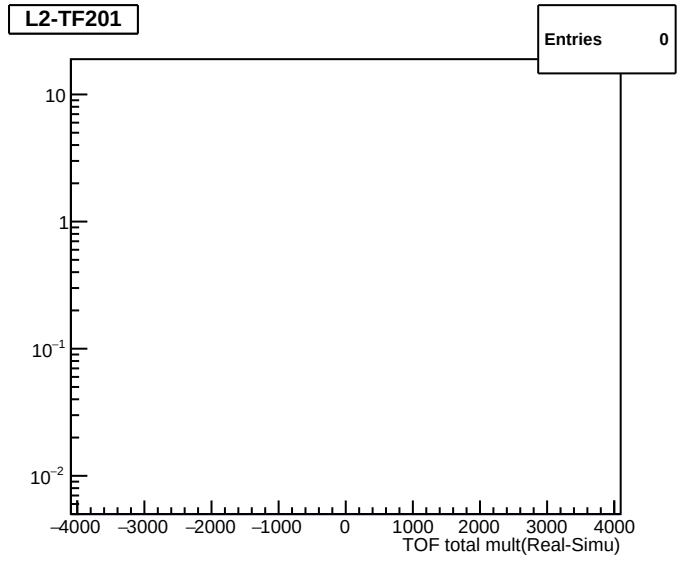

MIX-TF101
Entries 3942
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

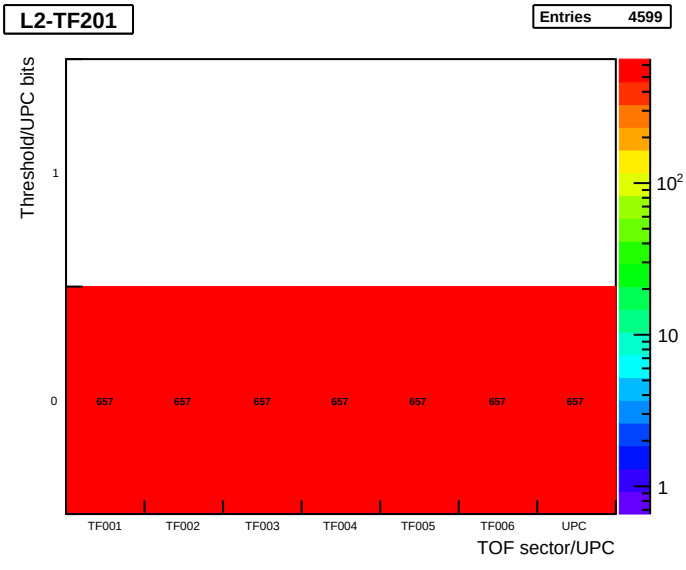

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

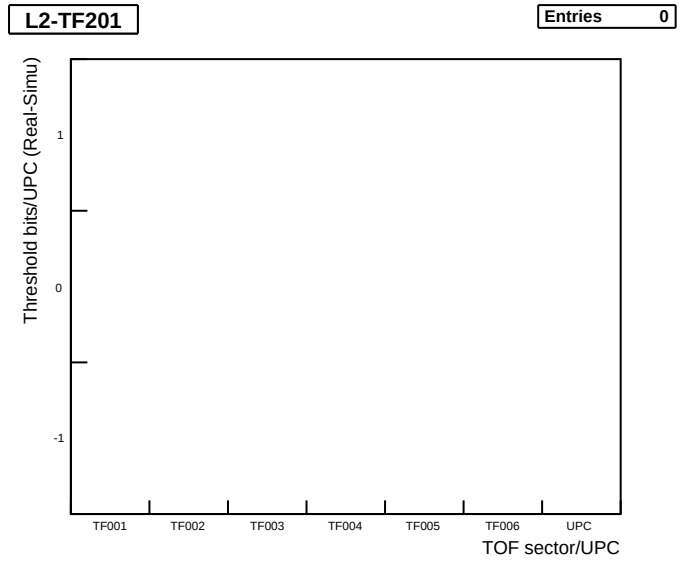

MIX-TF101
Entries 3942
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

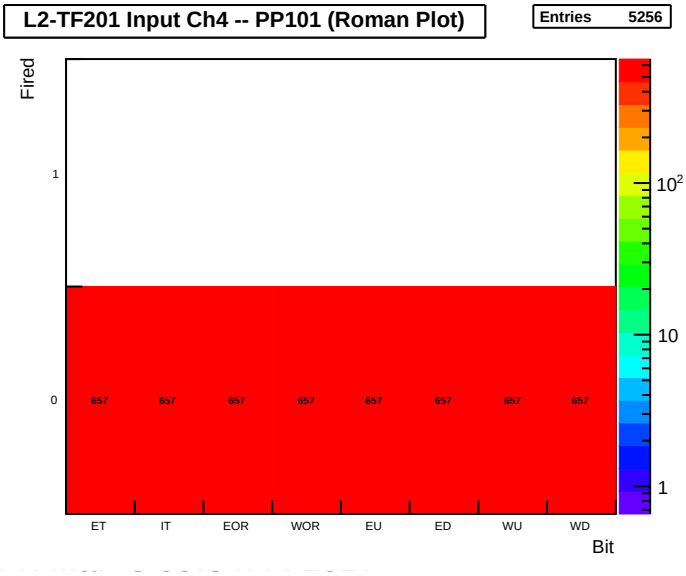

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

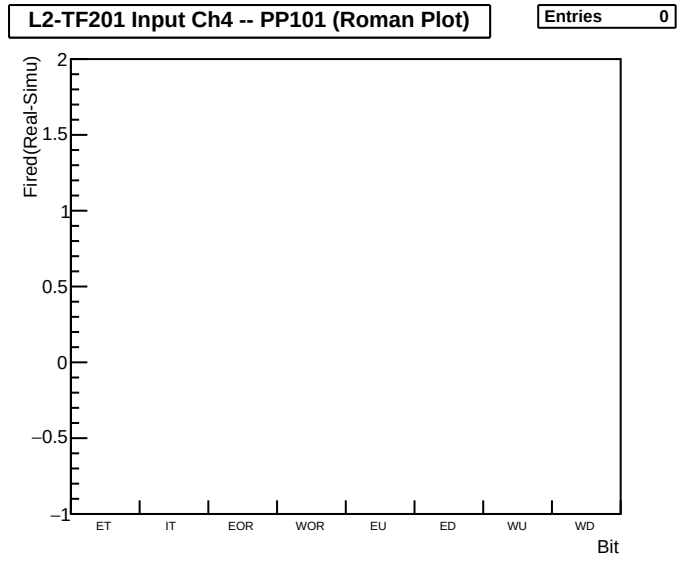

L2-TF201
Entries 657
TOF total mult

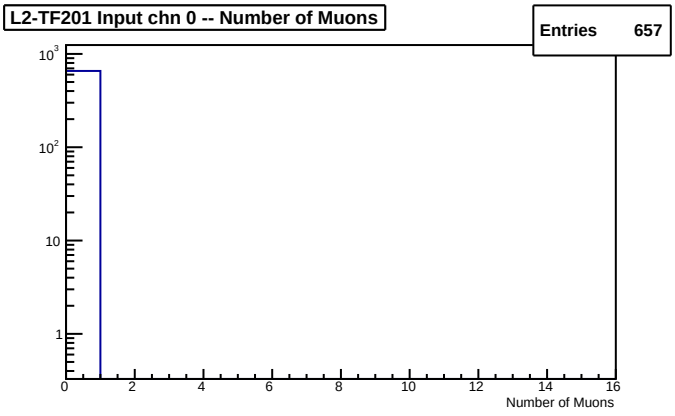

L2-TF201
Entries 0
TOF total mult(Real-Simu)

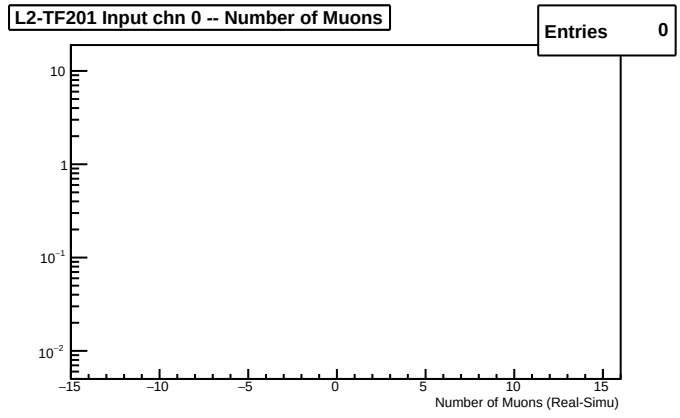

L2-TF201
Entries 4599
Threshold/UPC bits
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

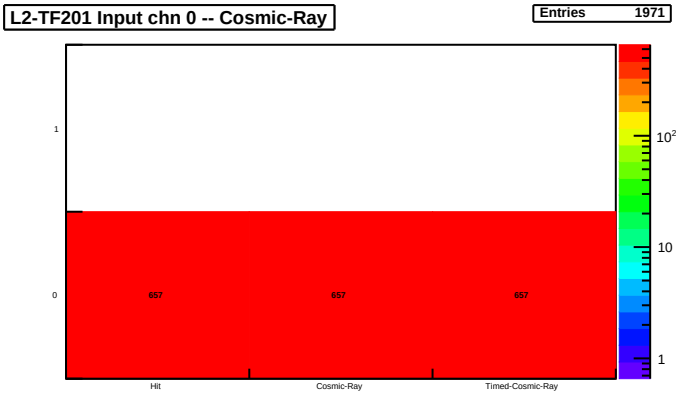

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

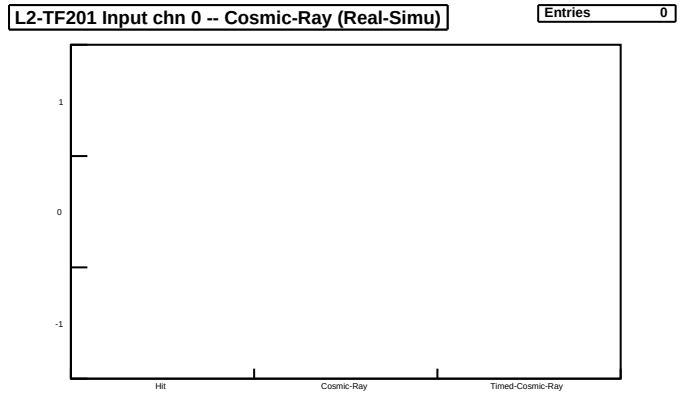

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5256
Fired
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

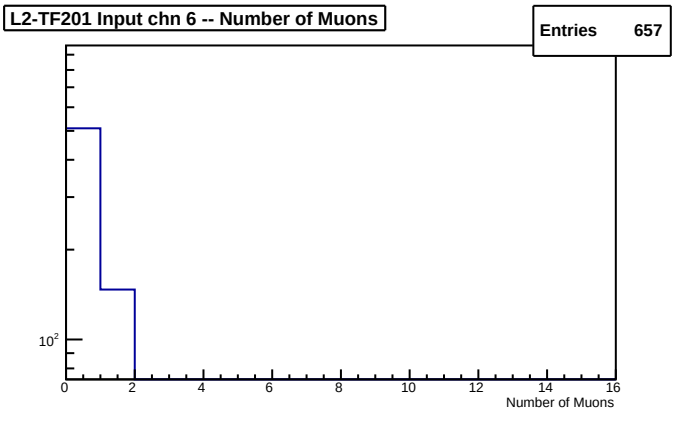

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

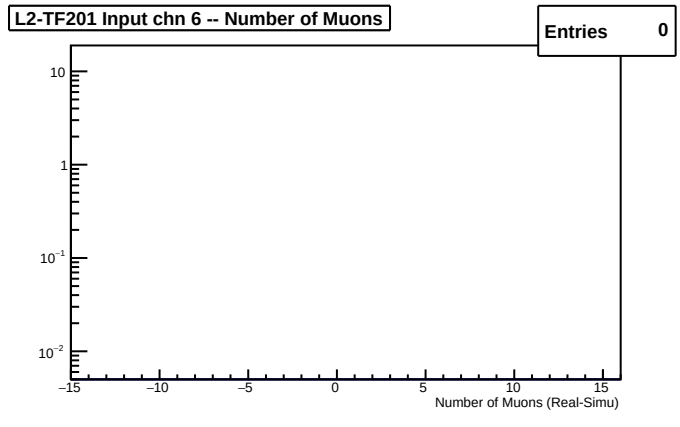

L2-TF201 Input chn 0 -- Number of Muons
Entries 657
Number of Muons

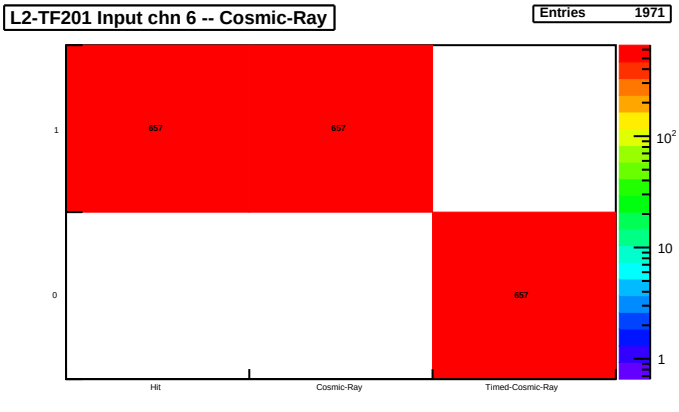

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

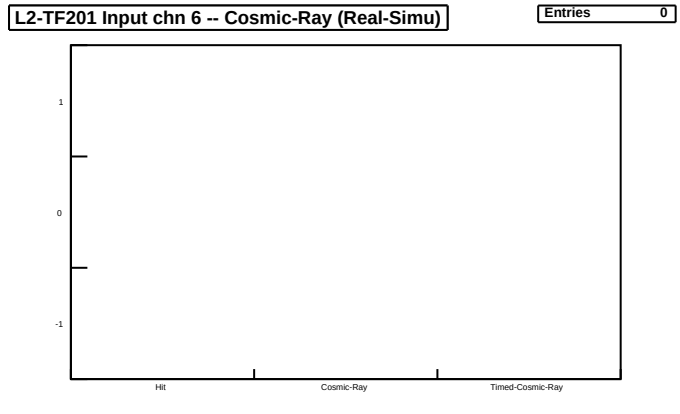

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1971
657
657
657
Hit
Cosmic-Ray
Timed-Cosmic-Ray

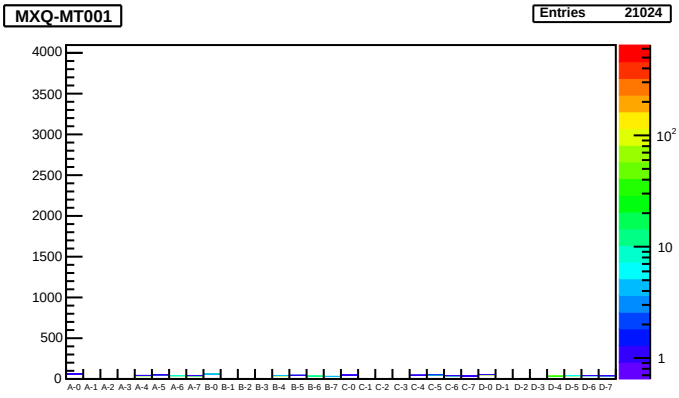

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

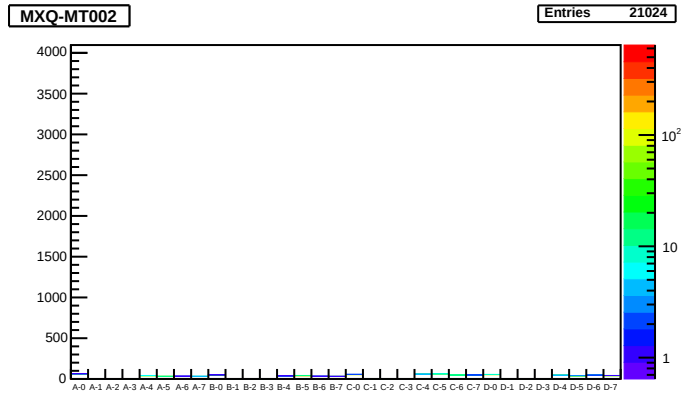

L2-TF201 Input chn 6 -- Number of Muons
Entries 657
Number of Muons

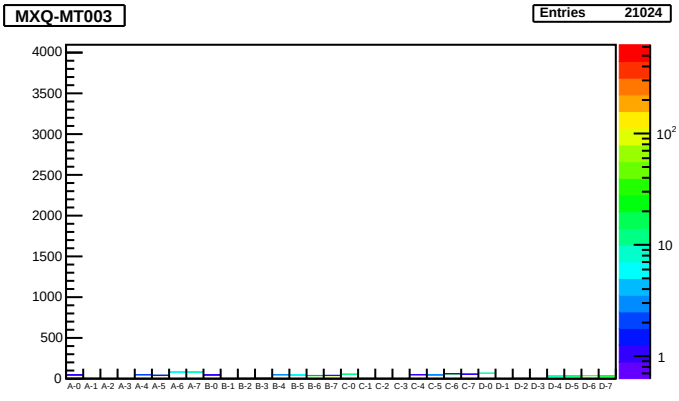

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

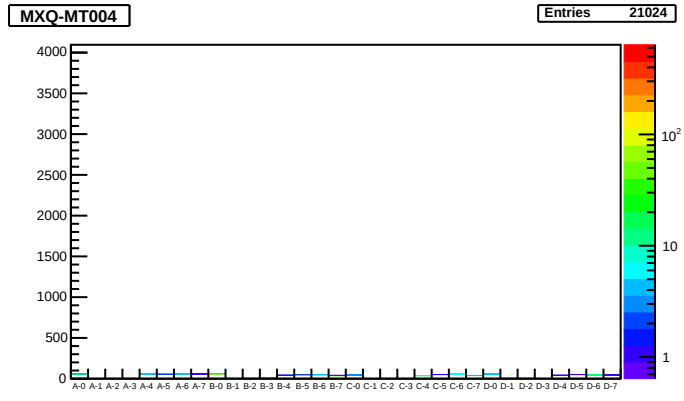

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1971
657
657
657
Hit
Cosmic-Ray
Timed-Cosmic-Ray

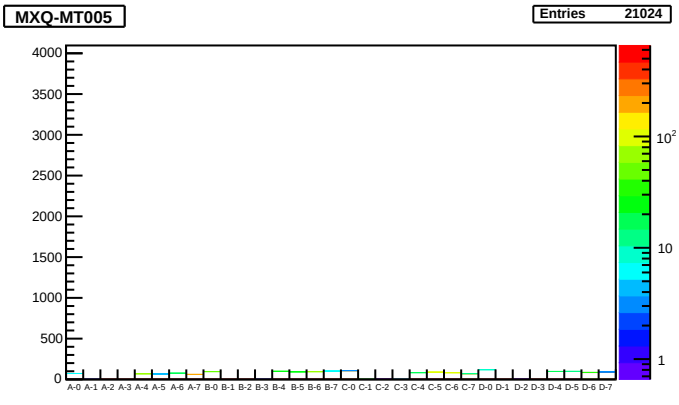

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

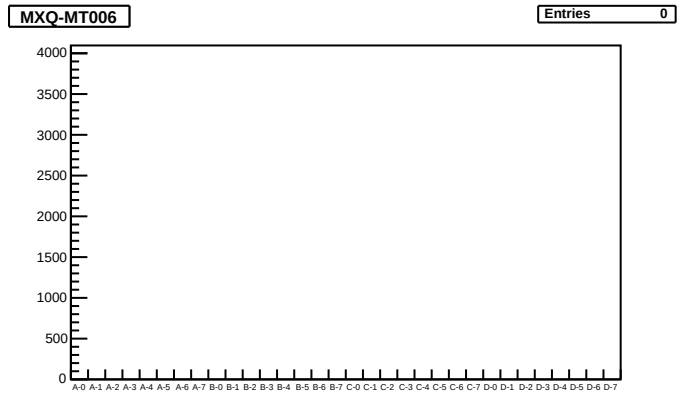

MXQ-MT001
Entries 21024

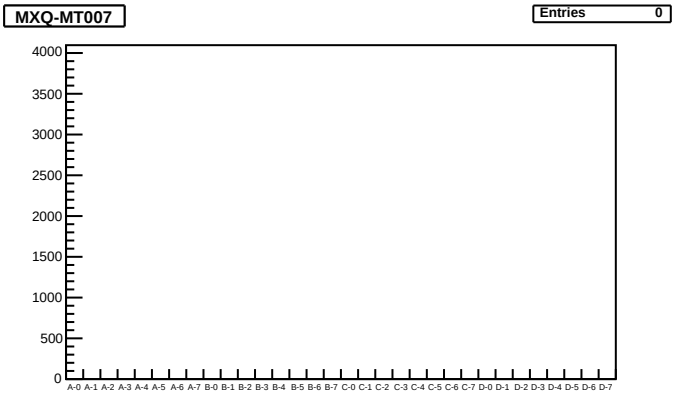

MXQ-MT002
Entries 21024

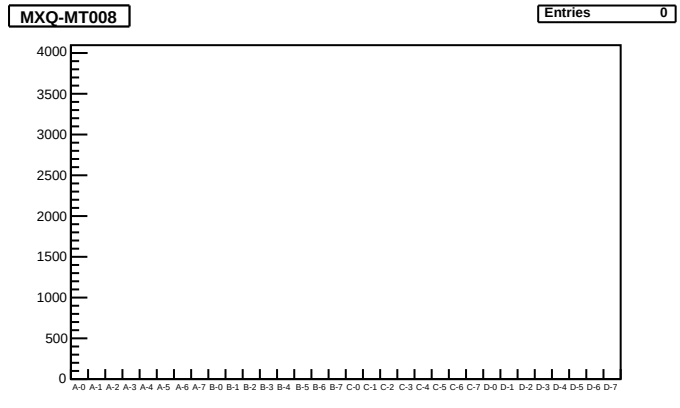

MXQ-MT003
Entries 21024

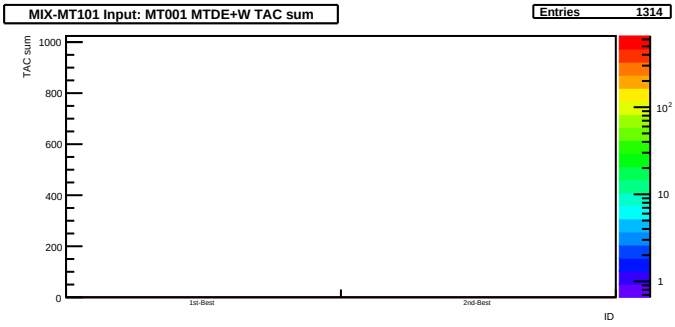

MXQ-MT004
Entries 21024

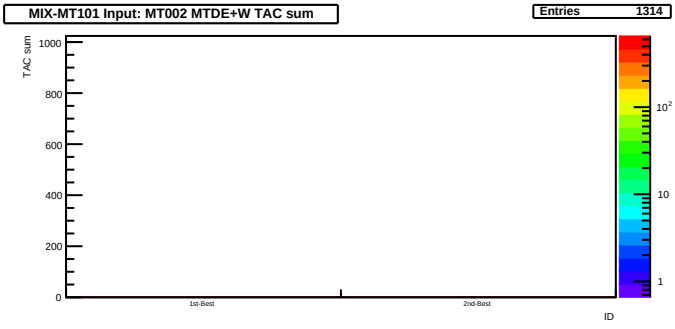

MXQ-MT005
Entries 21024

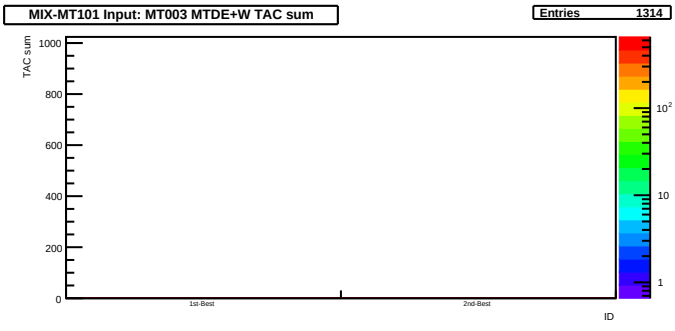

MXQ-MT006
Entries 0

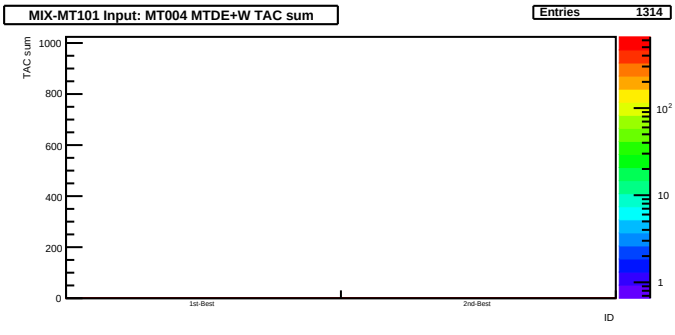

MXQ-MT007
Entries 0

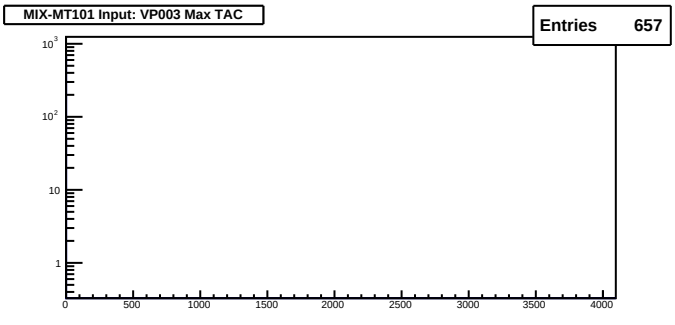

MXQ-MT008
Entries 0

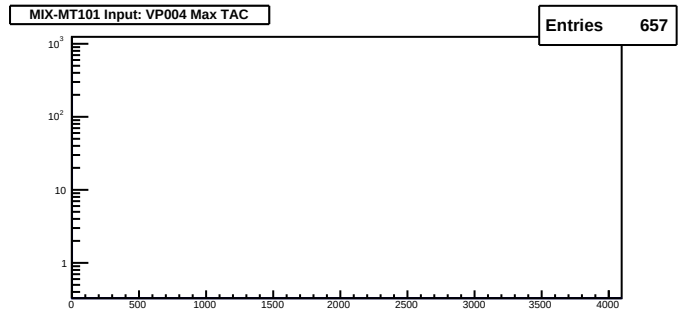

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1314
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

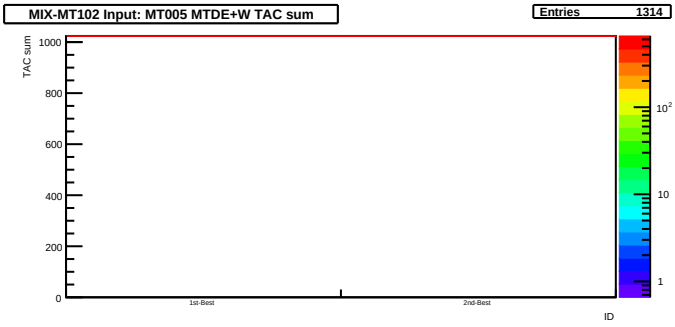

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1314
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

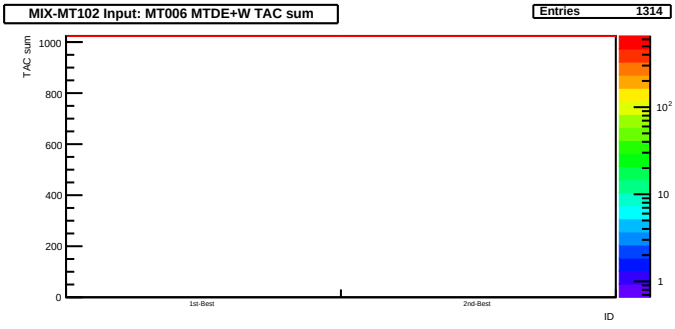

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1314
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

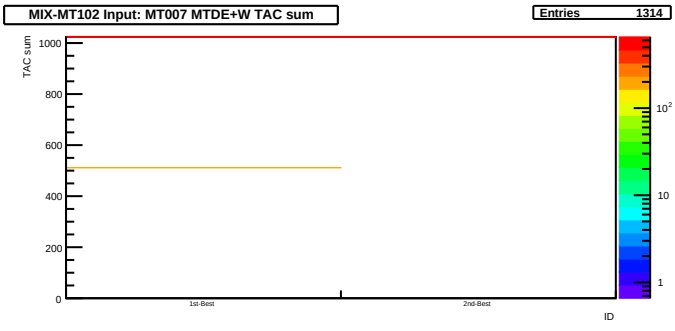

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1314
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

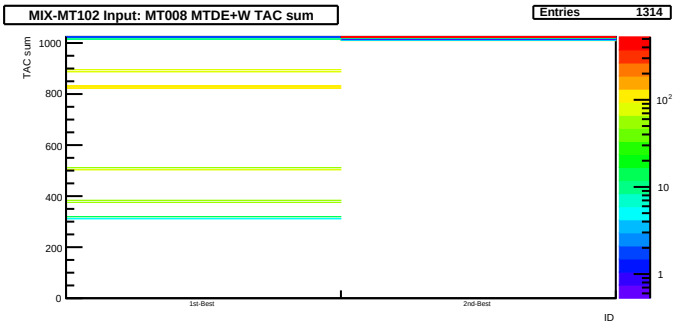

MIX-MT101 Input: VP003 Max TAC
Entries 657
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

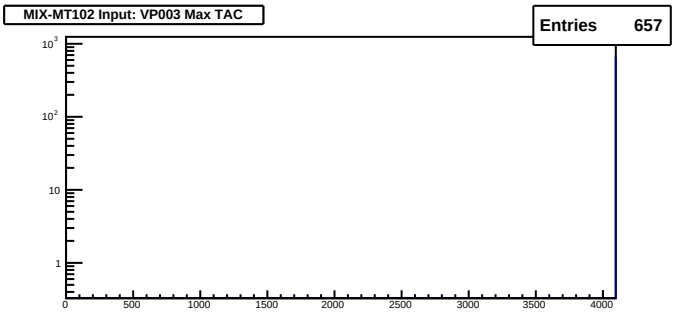

MIX-MT101 Input: VP004 Max TAC
Entries 657
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

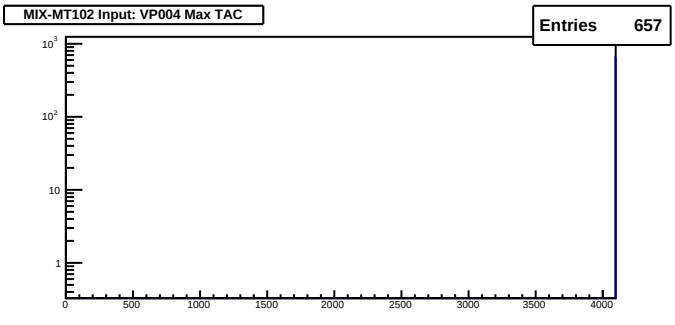

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1314
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

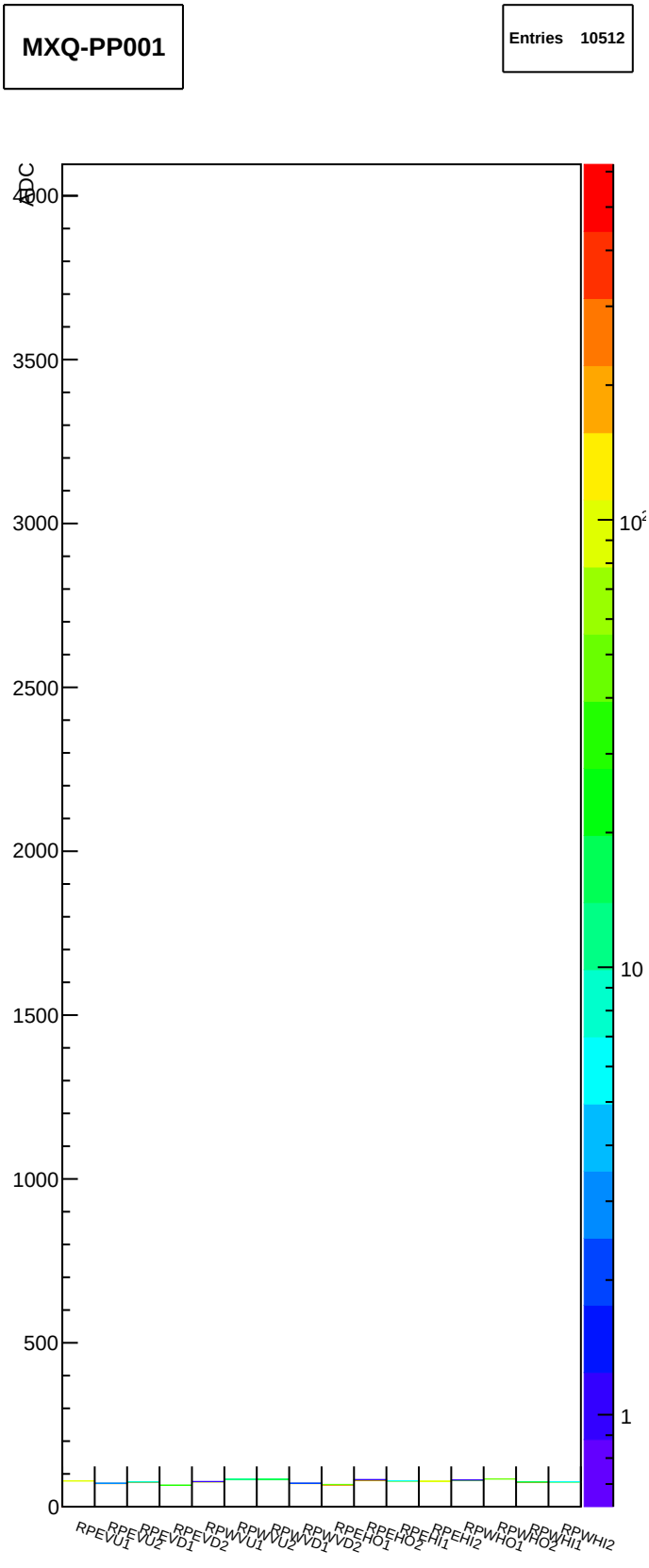

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1314
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

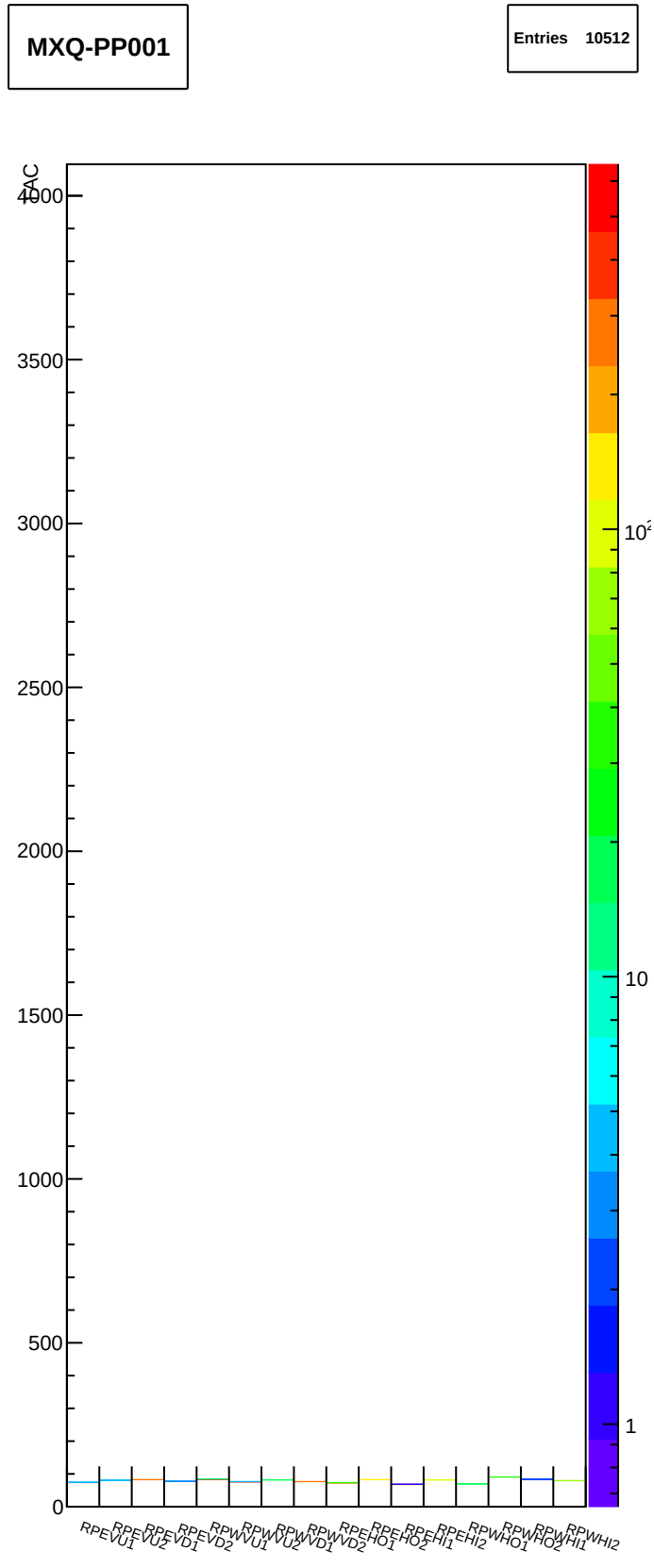

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1314
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

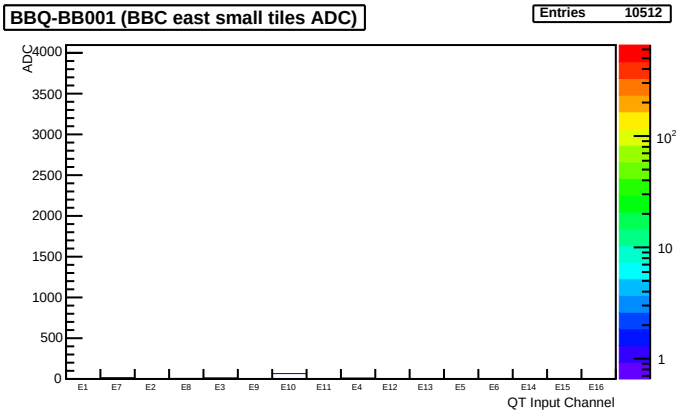

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1314
TAC sum
1000
800
600
400
200
0
1st-Best
2nd-Best
ID
10^2
10
1

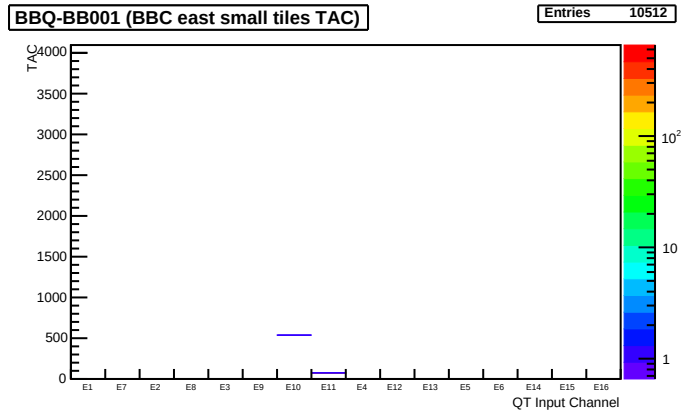

MIX-MT102 Input: VP003 Max TAC
Entries 657
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

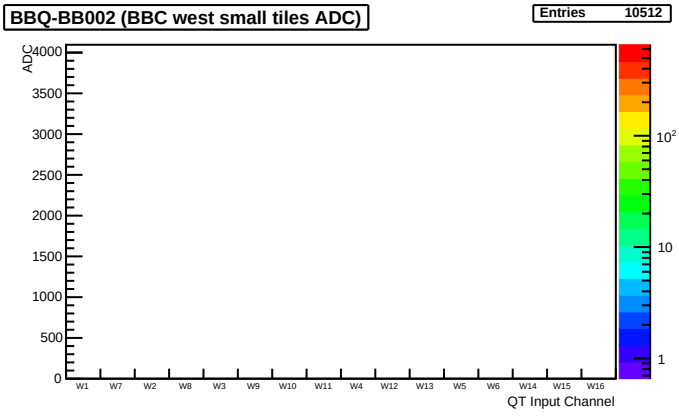

MIX-MT102 Input: VP004 Max TAC
Entries 657
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

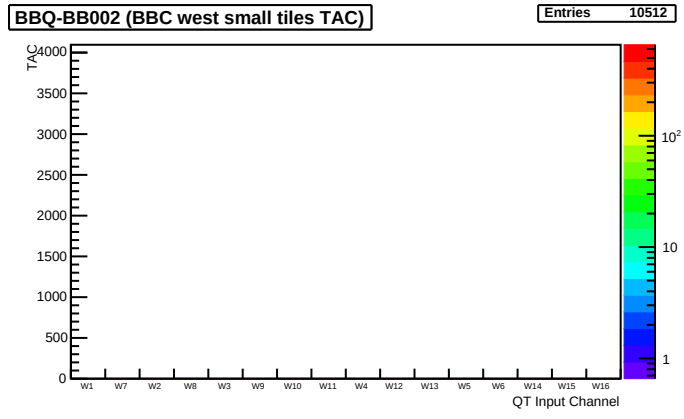

MXQ-PP001
Entries 10512
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10²
10
1

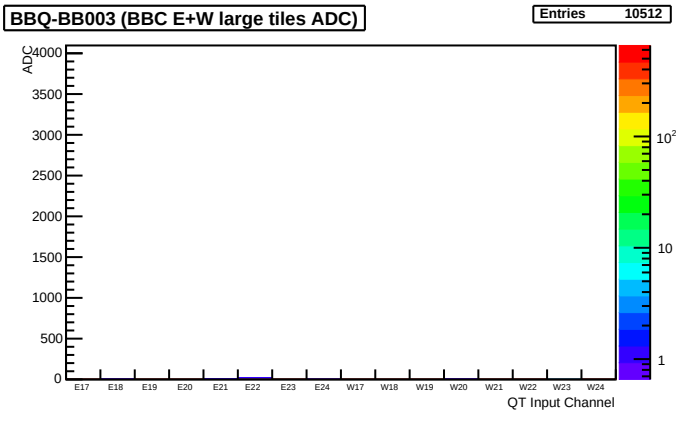

MXQ-PP001
Entries 10512
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10²
10
1

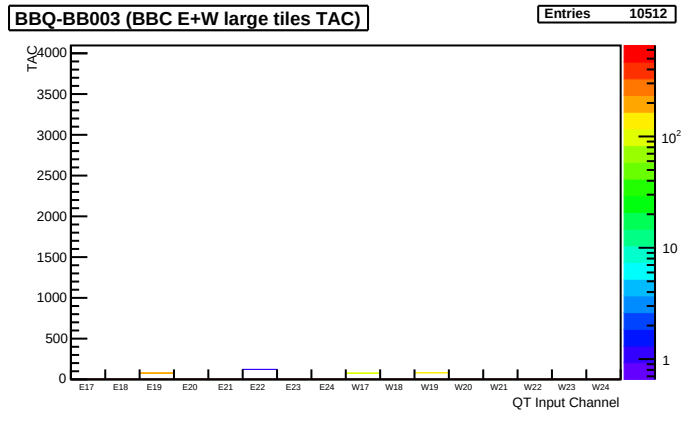

BBQ-BB001 (BBC east small tiles ADC)
Entries 10512
ADC
QT Input Channel

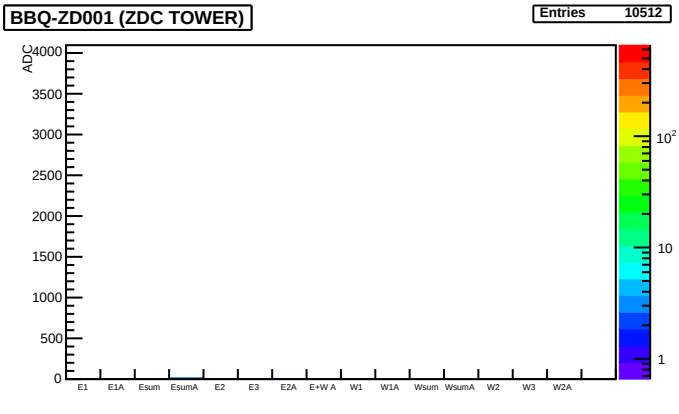

BBQ-BB001 (BBC east small tiles TAC)
Entries 10512
TAC
QT Input Channel

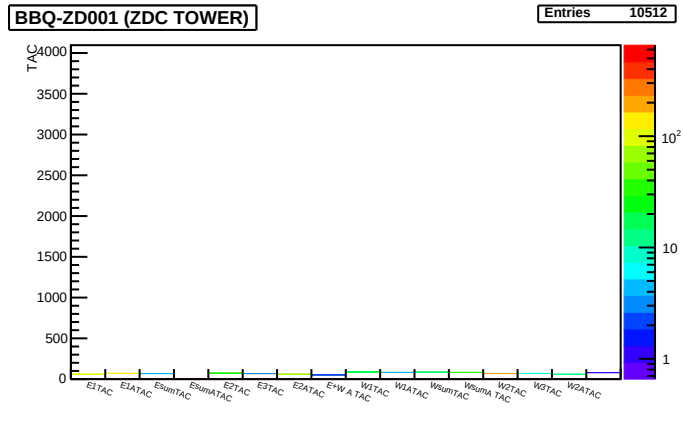

BBQ-BB002 (BBC west small tiles ADC)
Entries 10512
ADC
QT Input Channel

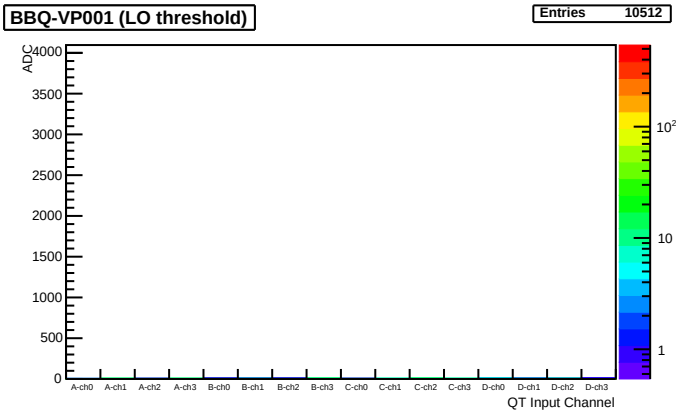

BBQ-BB002 (BBC west small tiles TAC)
Entries 10512
TAC
QT Input Channel

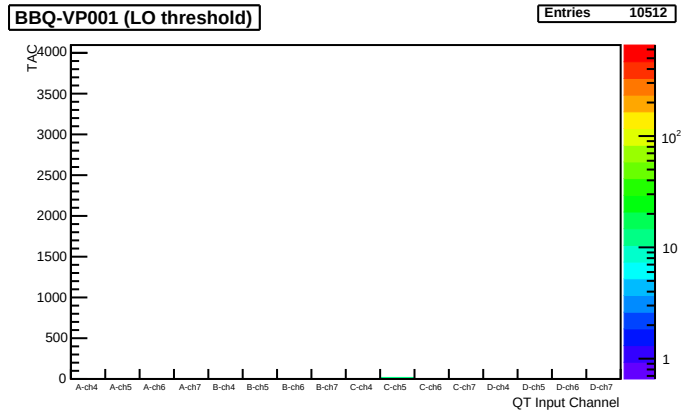

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 10512
ADC
QT Input Channel

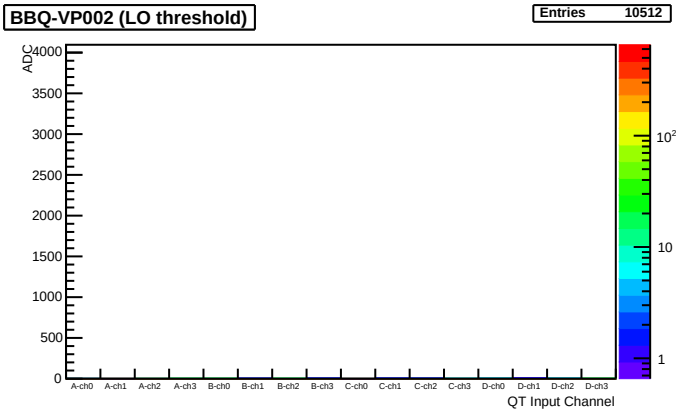

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 10512
TAC
QT Input Channel

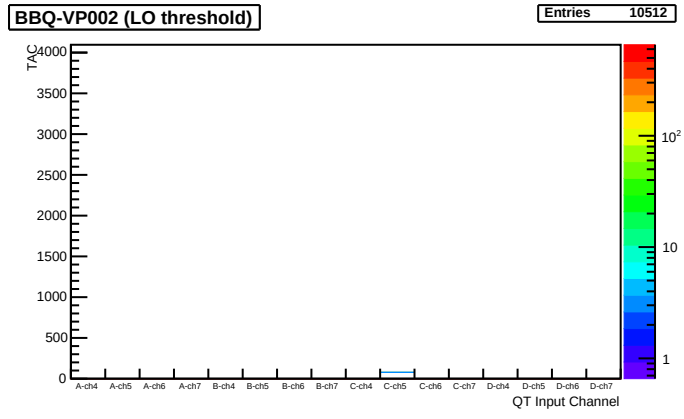

BBQ-ZD001 (ZDC TOWER)
Entries 10512
ADC

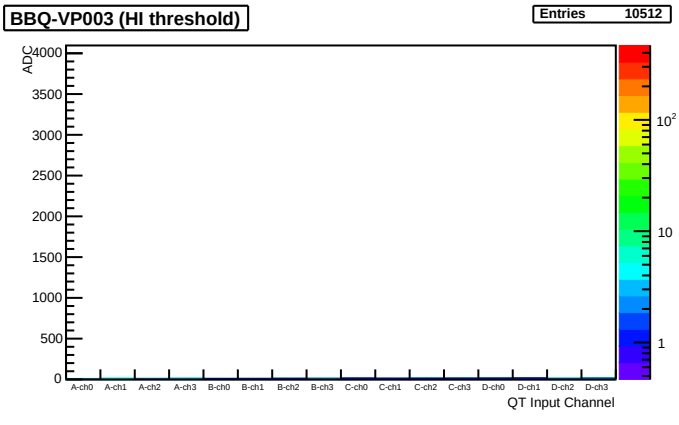

BBQ-ZD001 (ZDC TOWER)
Entries 10512
TAC

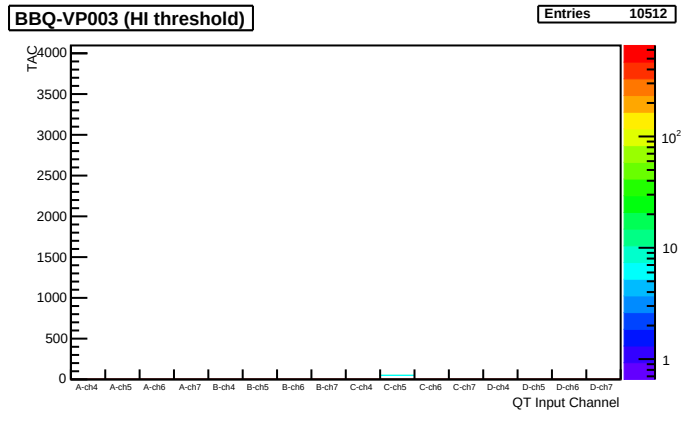

BBQ-VP001 (LO threshold)
Entries 10512
ADC
QT Input Channel

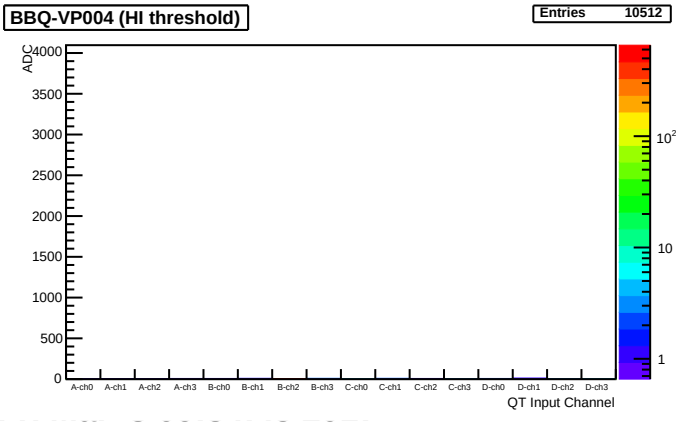

BBQ-VP001 (LO threshold)
Entries 10512
TAC
QT Input Channel

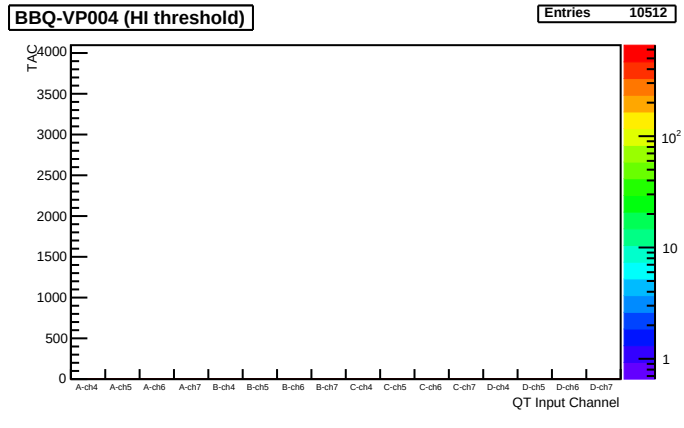

BBQ-VP002 (LO threshold)
Entries 10512
ADC
QT Input Channel

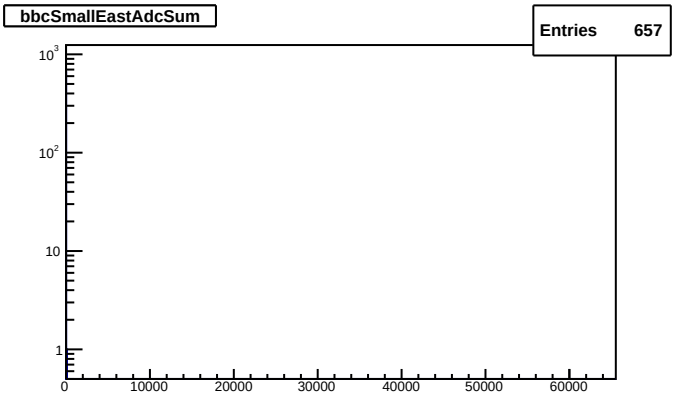

BBQ-VP002 (LO threshold)
Entries 10512
TAC
QT Input Channel

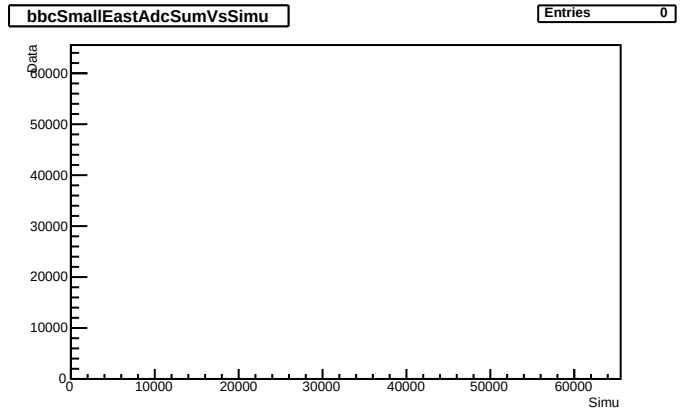

BBQ-VP003 (HI threshold)
Entries 10512
ADC
QT Input Channel

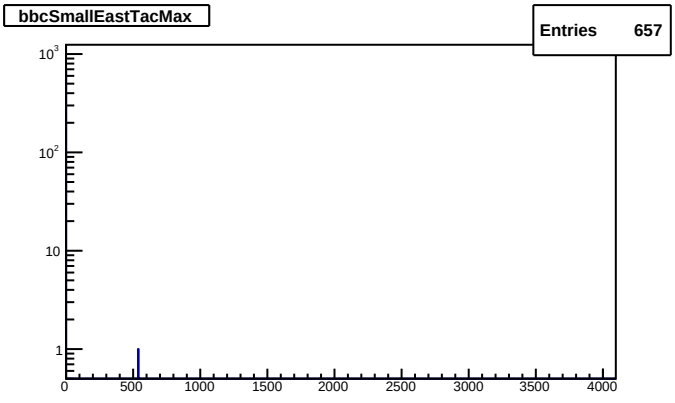

BBQ-VP003 (HI threshold)
Entries 10512
TAC
QT Input Channel

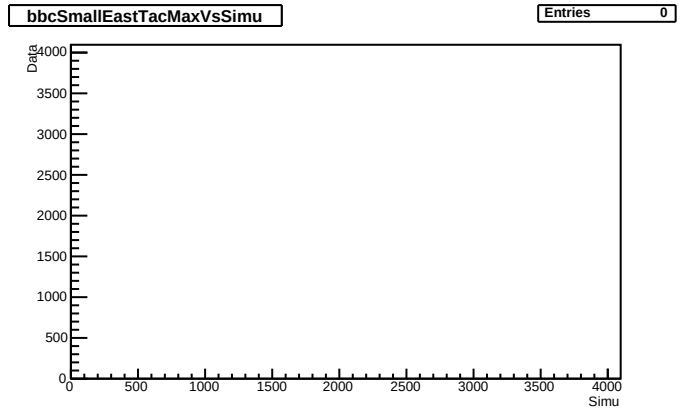

BBQ-VP004 (HI threshold)
Entries 10512
ADC
QT Input Channel

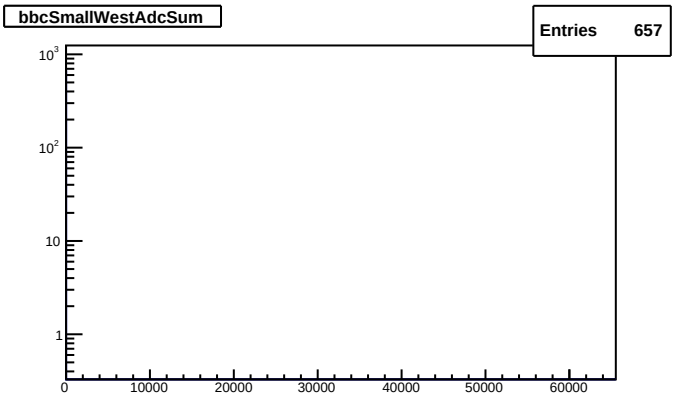

BBQ-VP004 (HI threshold)
Entries 10512
TAC
QT Input Channel

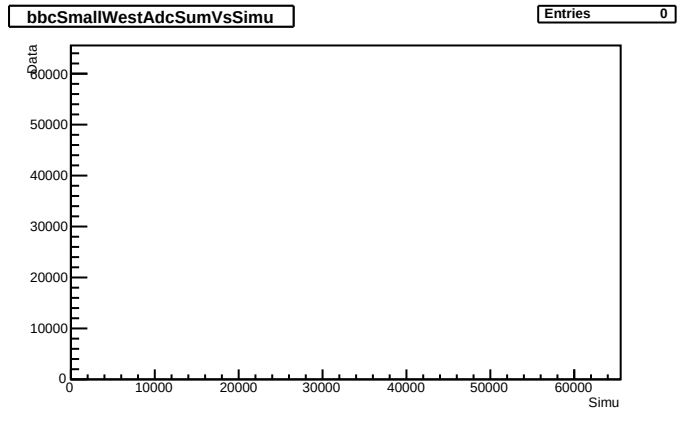

bbcSmallEastAdcSum
Entries 657

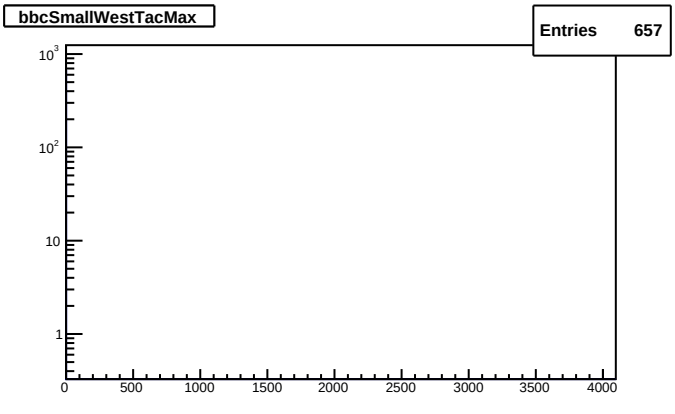

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

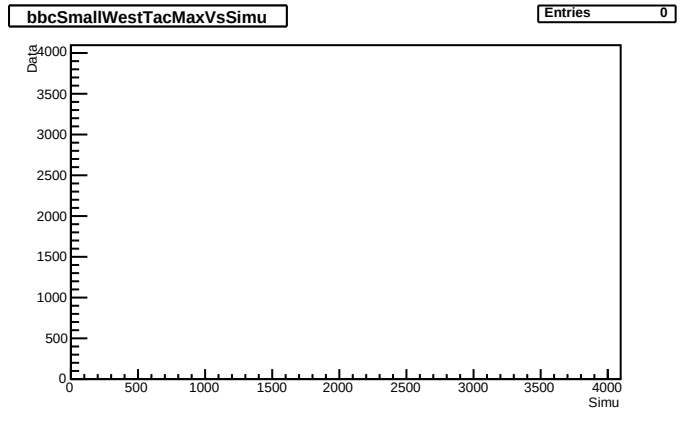

bbcSmallEastTacMax
Entries 657

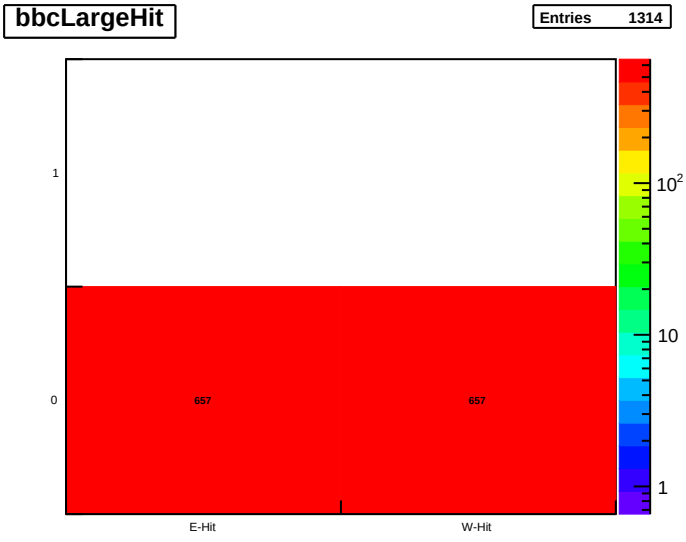

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

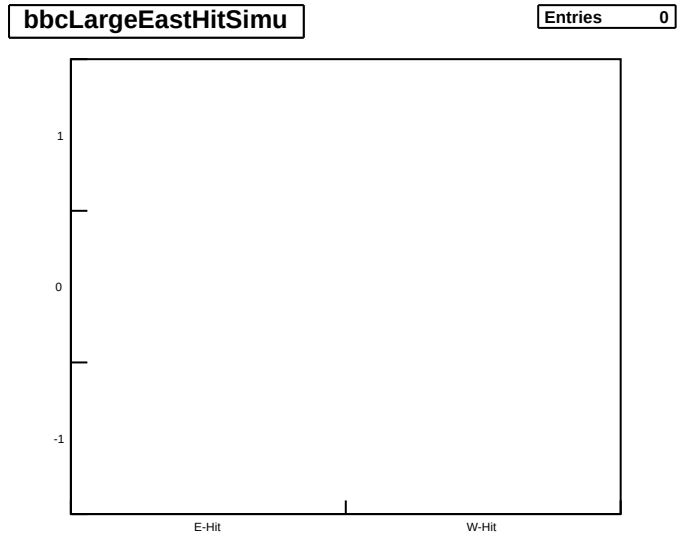

bbcSmallWestAdcSum
Entries 657

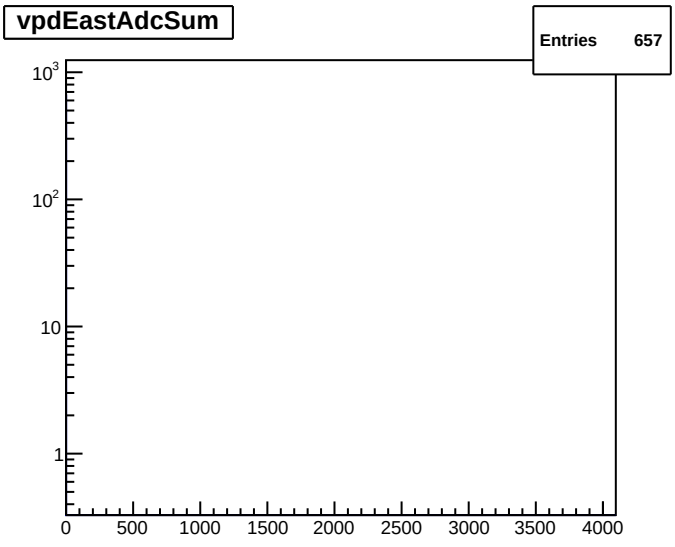

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

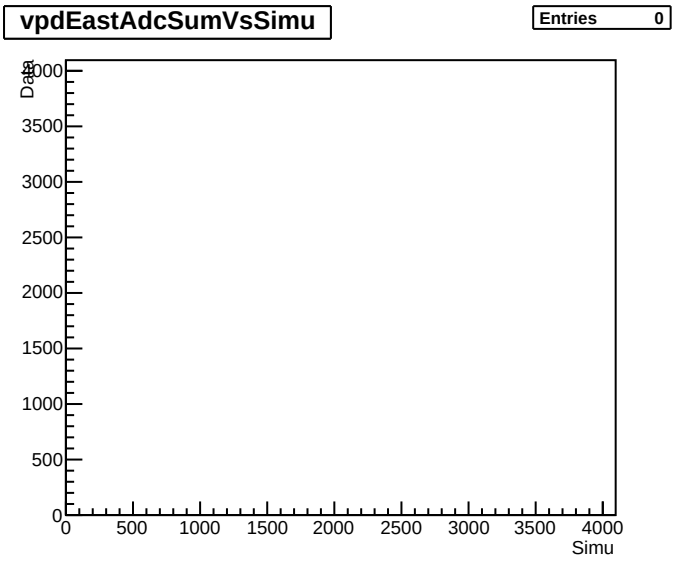

bbcSmallWestTacMax
Entries 657

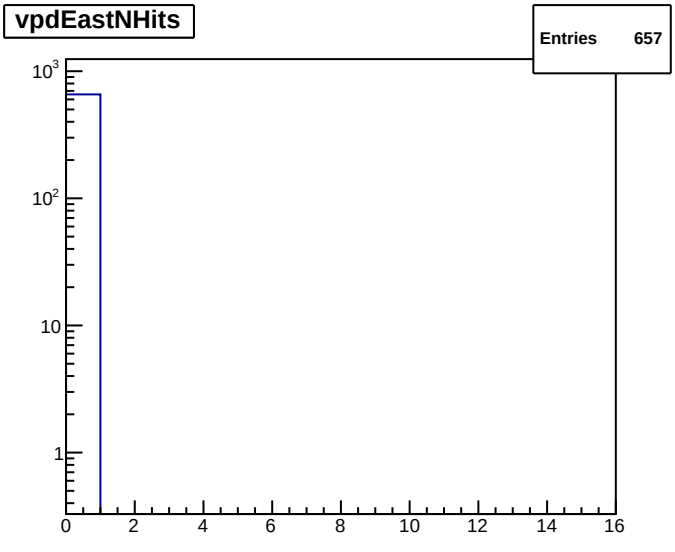

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

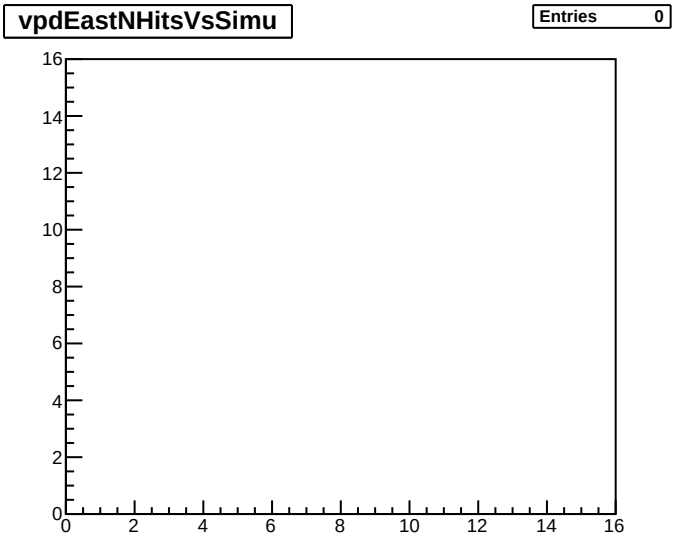

bbcLargeHit
Entries 1314
1
0
657
657
E-Hit
W-Hit
10^2
10
1

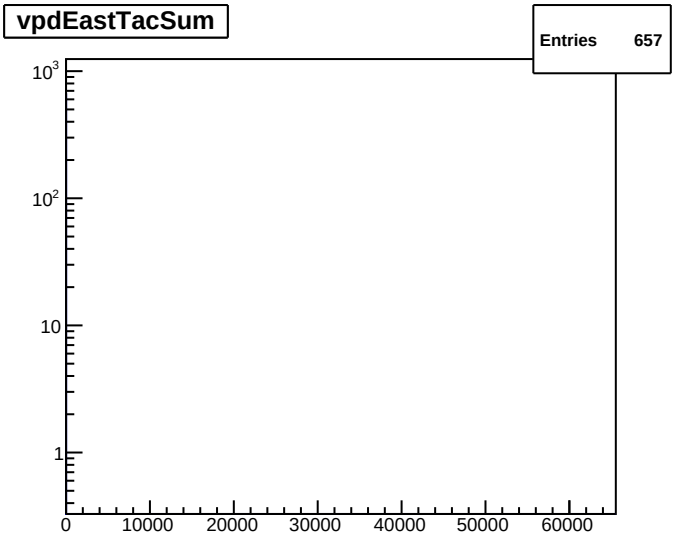

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

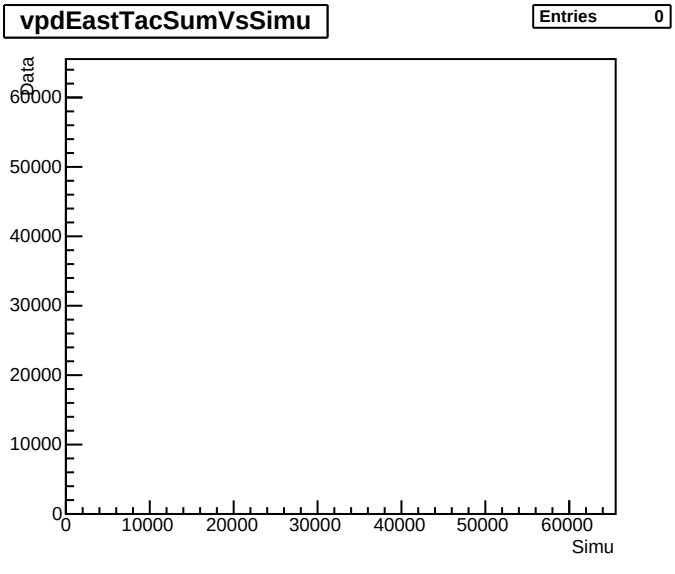

vpdEastAdcSum
Entries 657
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

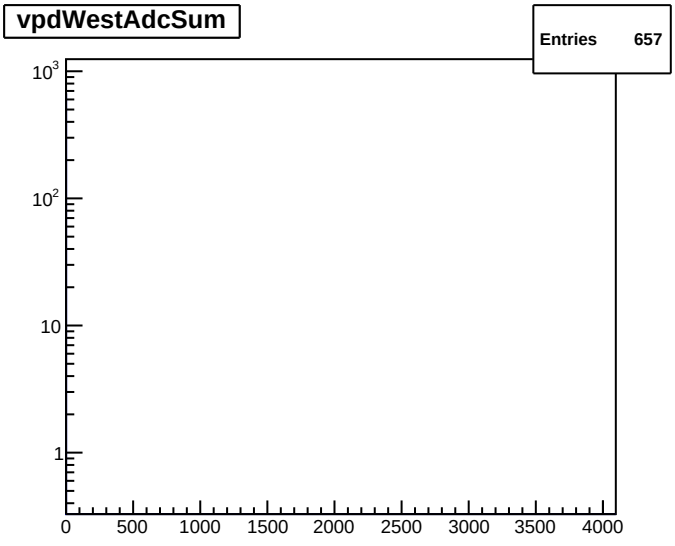

vpdEastAdcSumVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

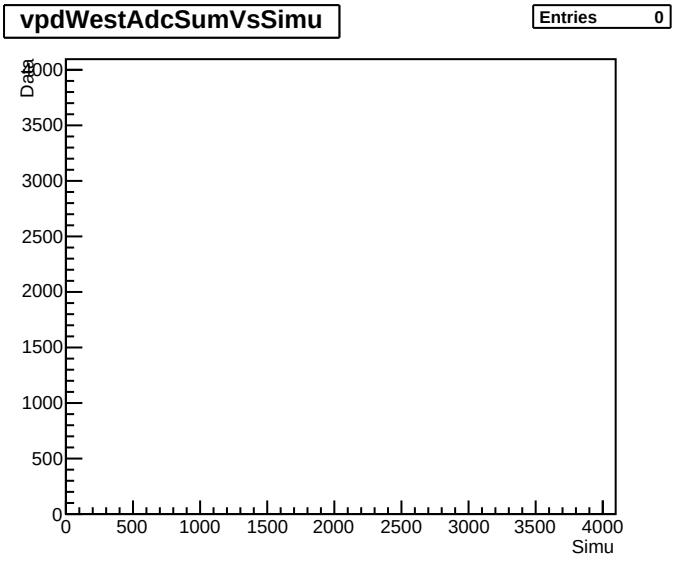

vpdEastNHits
Entries 657
10^3
10^2
10
1
0 2 4 6 8 10 12 14 16

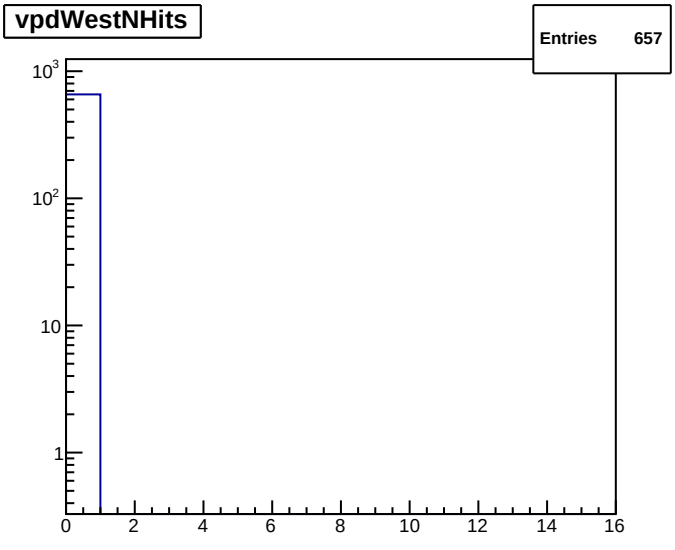

vpdEastNHitsVsSimu
Entries 0
16
14
12
10
8
6
4
2
0
0 2 4 6 8 10 12 14 16

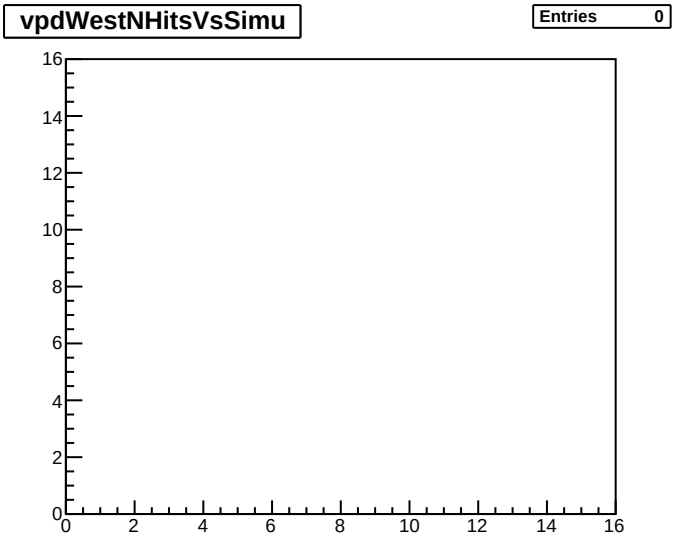

vpdEastTacSum
Entries 657
10^3
10^2
10
1
0 10000 20000 30000 40000 50000 60000

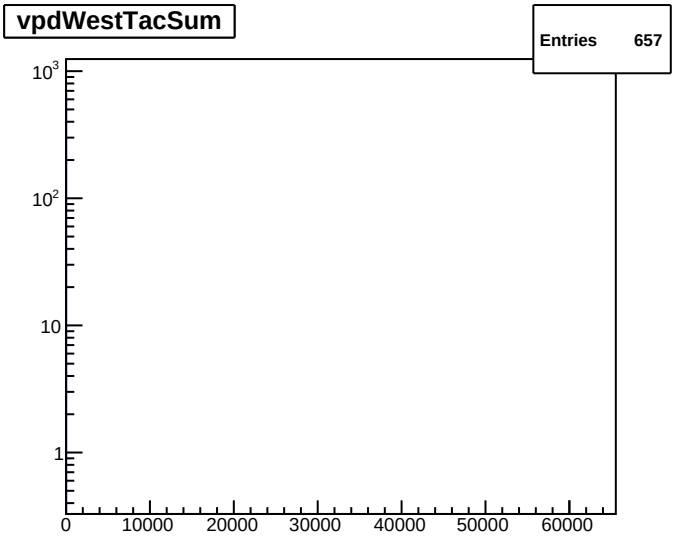

vpdEastTacSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0 10000 20000 30000 40000 50000 60000
Simu

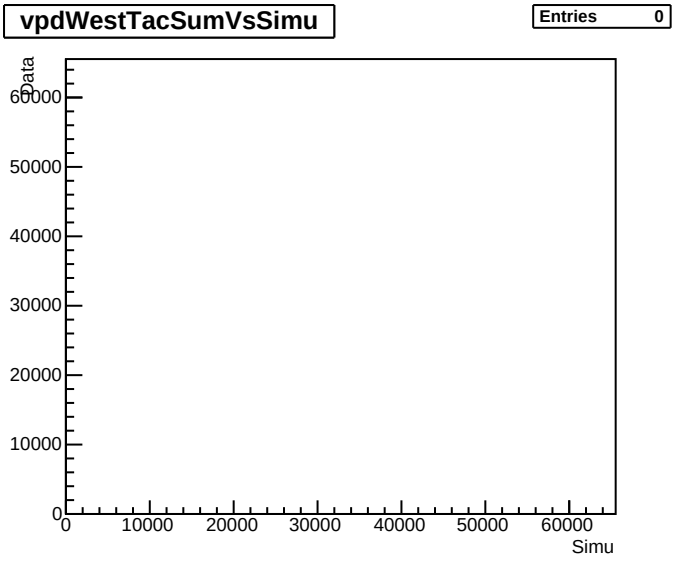

vpdWestAdcSum
Entries 657
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

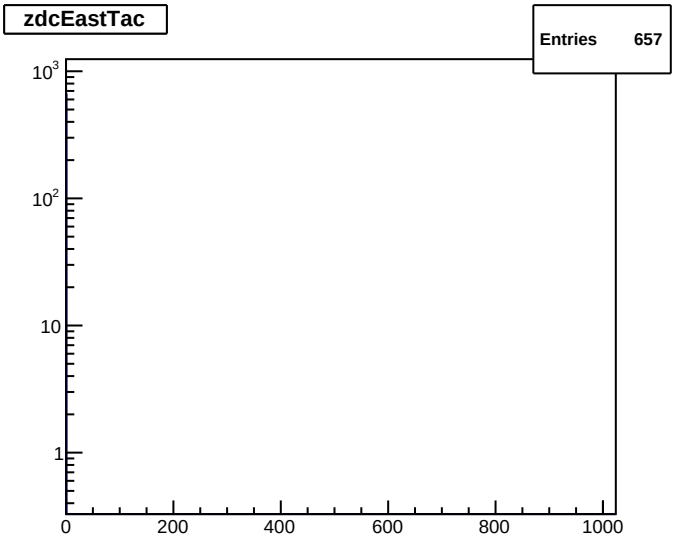

vpdWestAdcSumVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

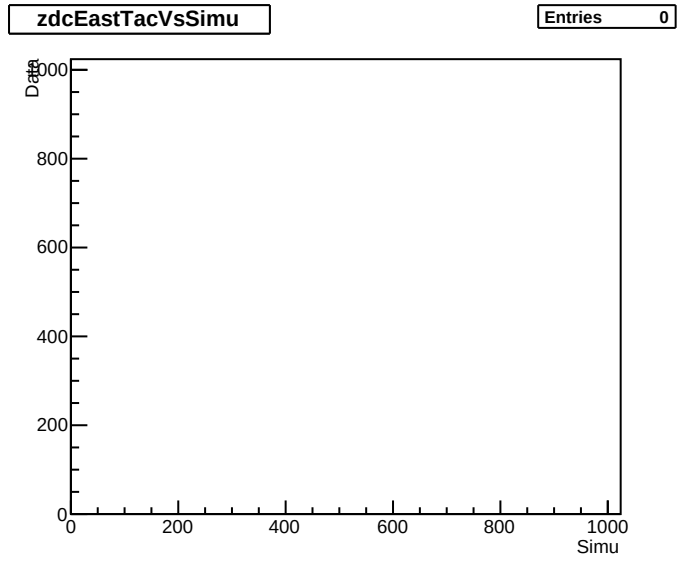

vpdWestNHits
Entries 657
10^3
10^2
10
1
0 2 4 6 8 10 12 14 16

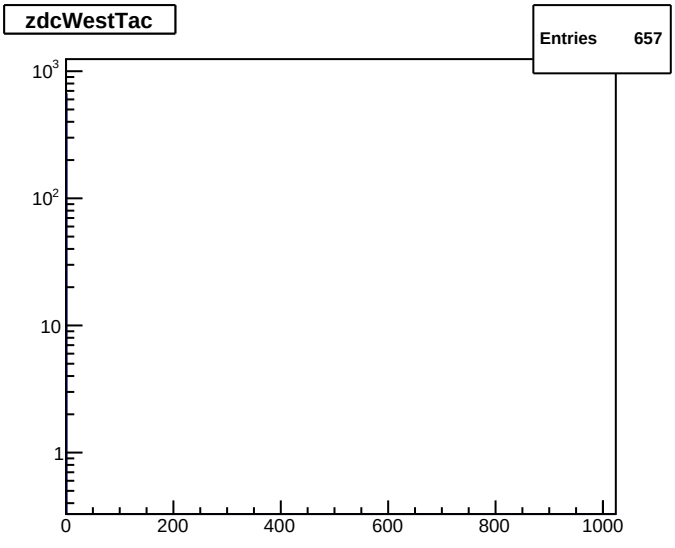

vpdWestNHitsVsSimu
Entries 0
16
14
12
10
8
6
4
2
0
0 2 4 6 8 10 12 14 16

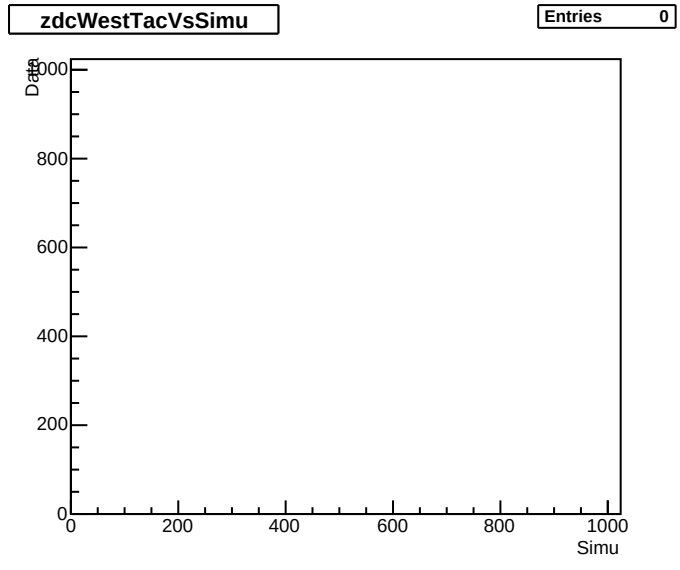

vpdWestTacSum
Entries 657
10^3
10^2
10
1
0 10000 20000 30000 40000 50000 60000

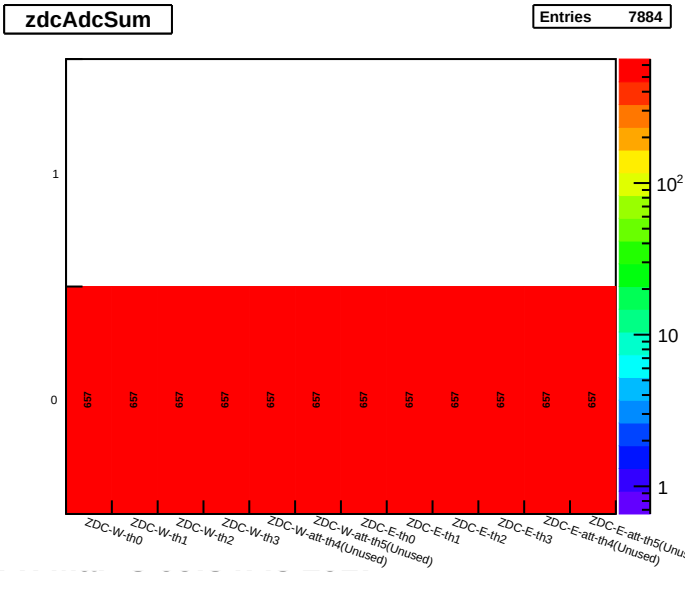

vpdWestTacSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0 10000 20000 30000 40000 50000 60000
Simu

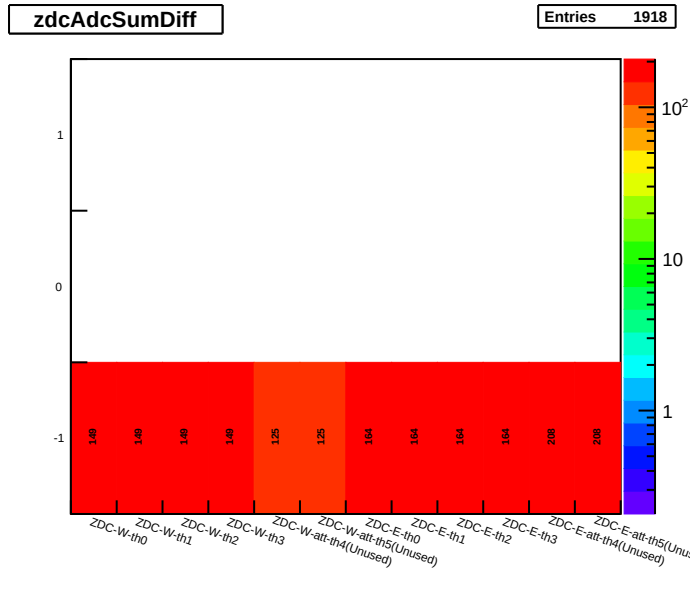

zdcEastTac
Entries 657
10^3
10^2
10
1
0
200
400
600
800
1000

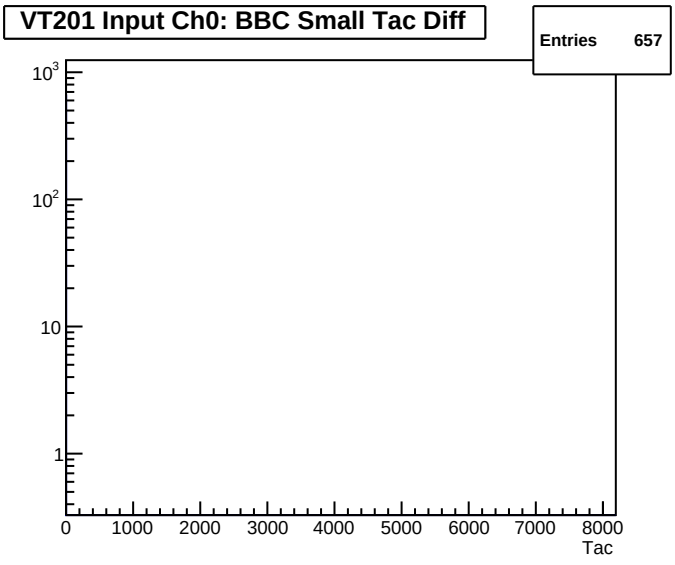

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

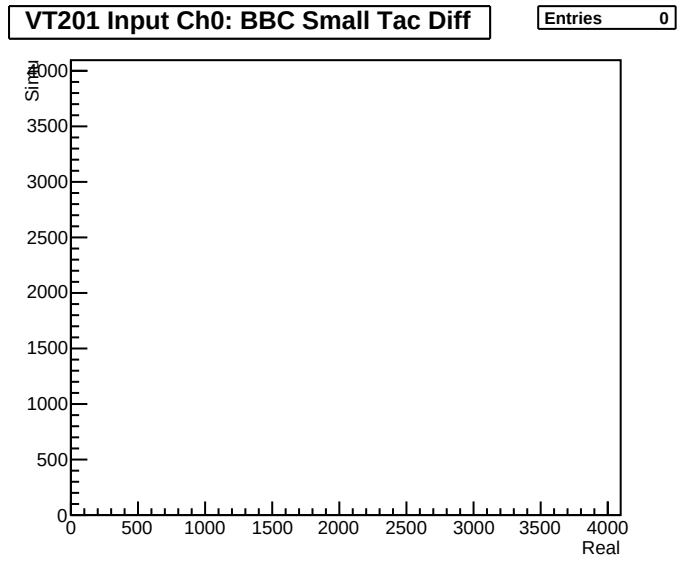

zdcWestTac
Entries 657
10^3
10^2
10
1
0
200
400
600
800
1000

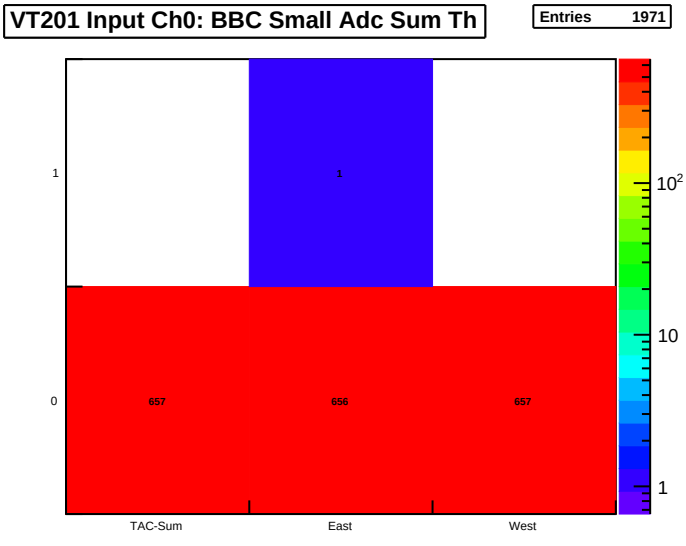

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

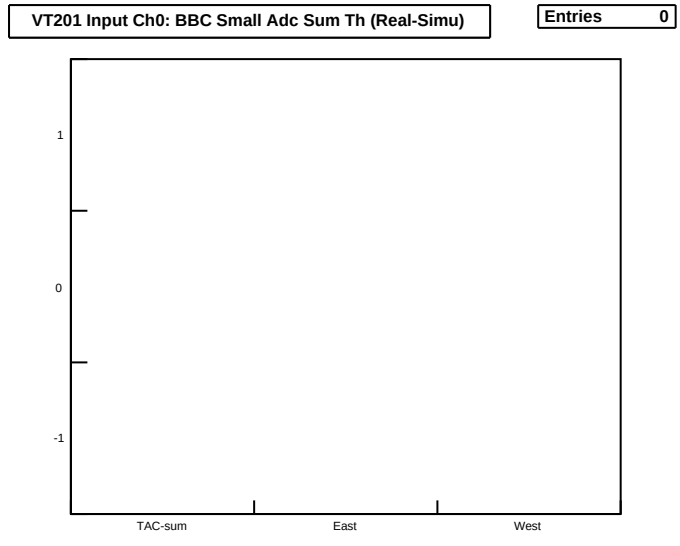

zdcAdcSum
Entries 7884
1
0
657
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

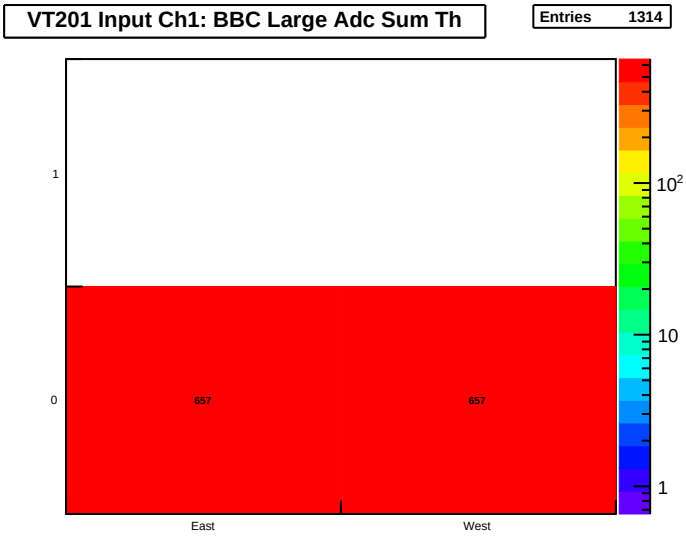

zdcAdcSumDiff
Entries 1918
1
0
-1
149
125
164
208
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

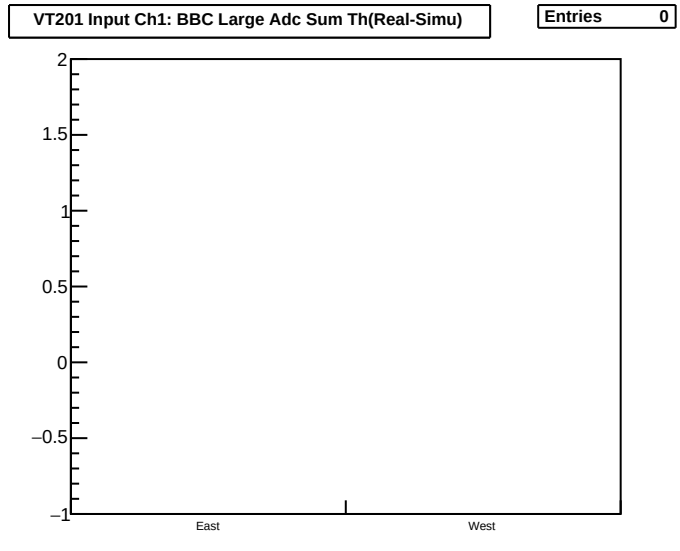

VT201 Input Ch0: BBC Small Tac Diff
Entries 657
Tac


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

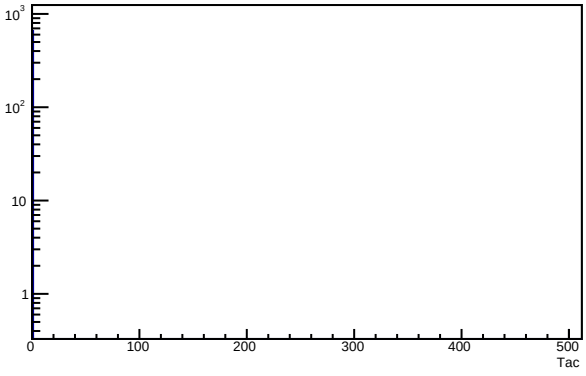

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1971
TAC-Sum
East
West


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

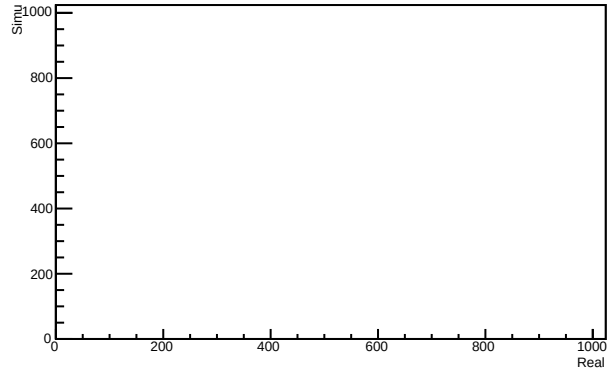

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1314
East
West


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

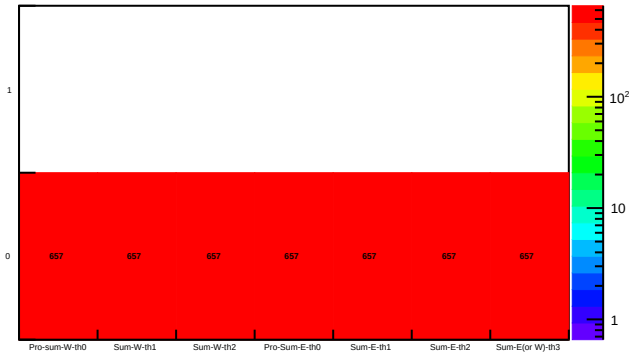
VT201 Input Ch2: ZDC Tac Diff



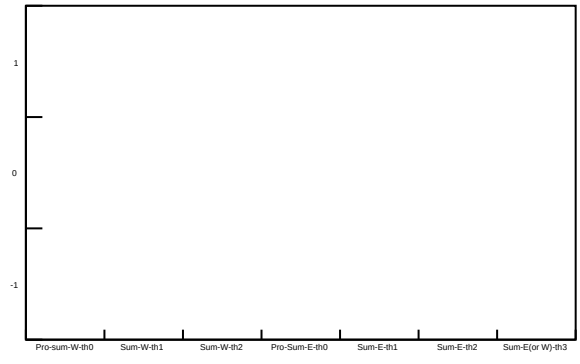
VT201 Input Ch2: ZDC Tac Diff



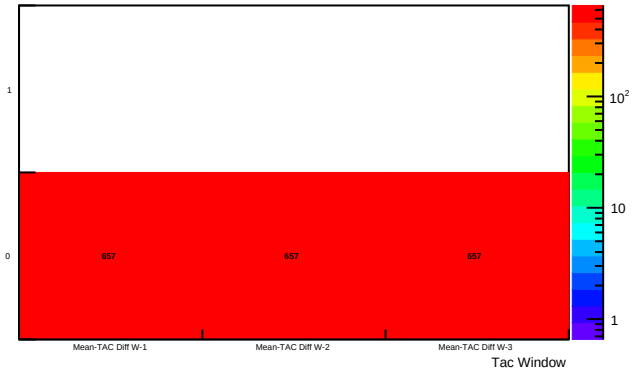
VT201 Input Ch2: ZDC Adc Sum Th



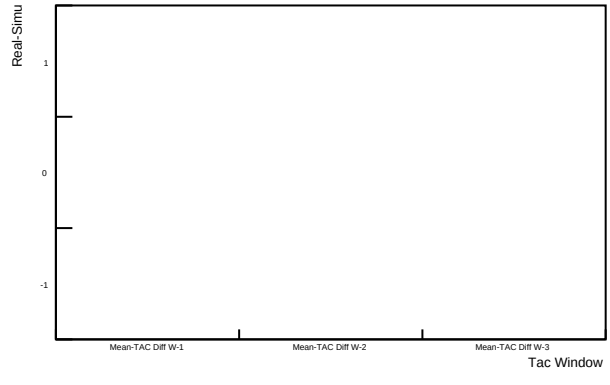
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



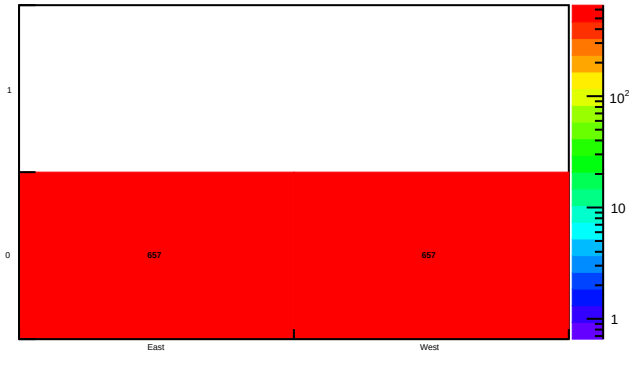
VT201 Input Ch4: VPD Tac Diff



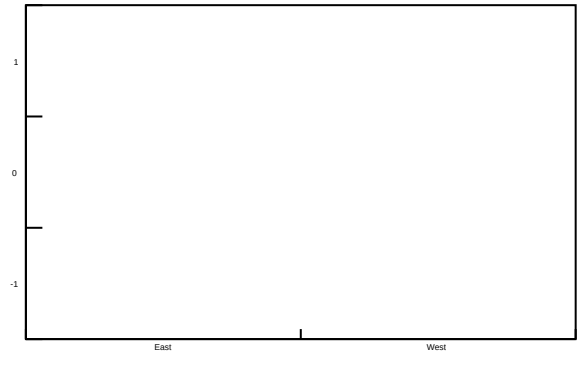
VT201 Input Ch4: VPD Tac Diff

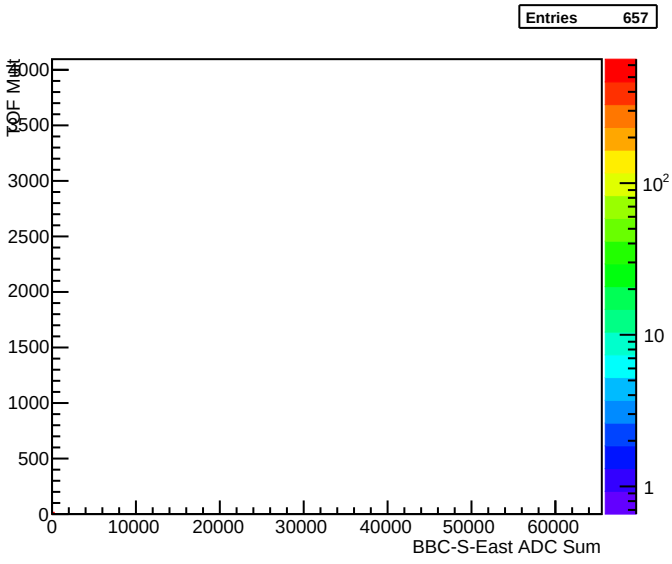


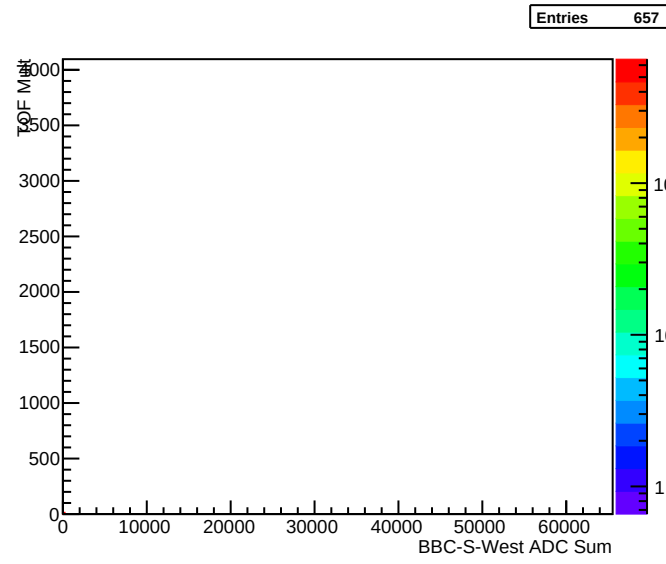
VT201 Input Ch4: VPD Adc Sum Th

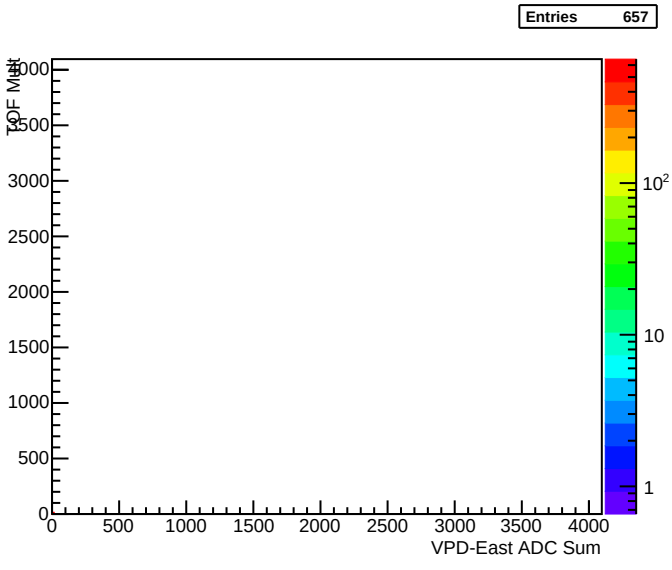


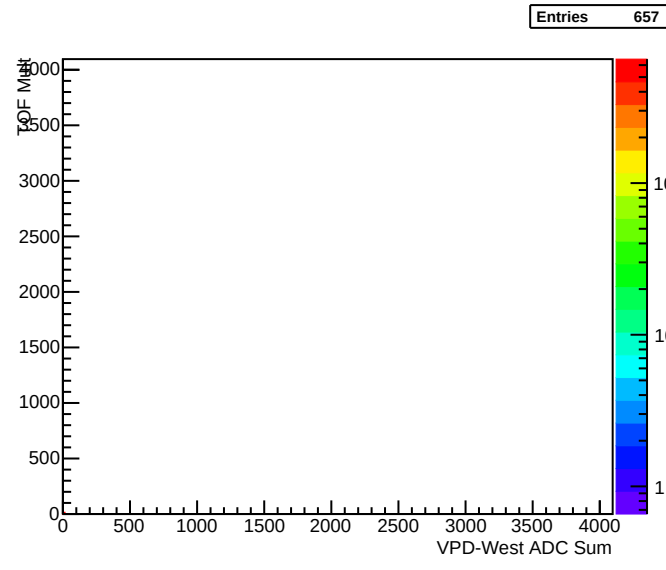
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

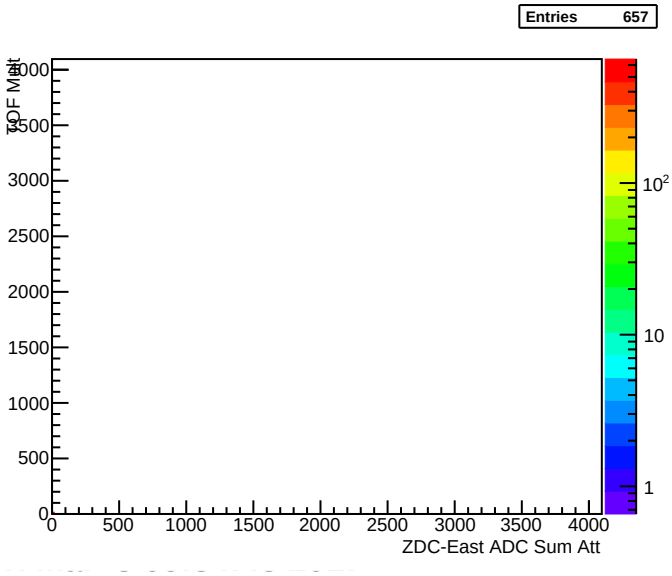


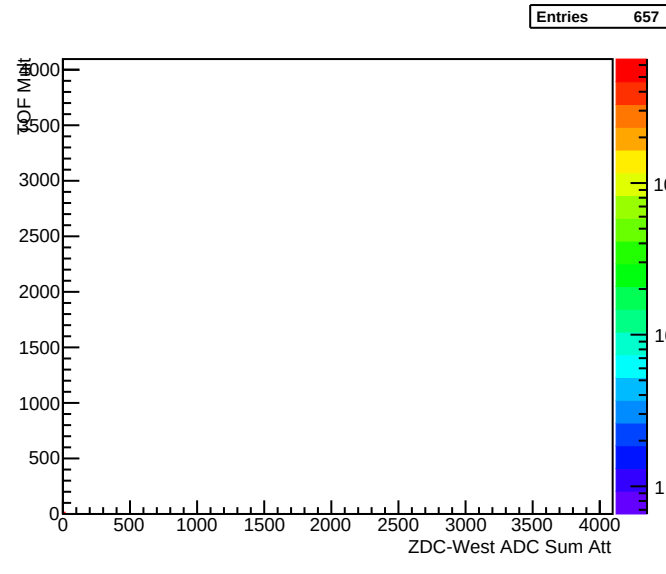

Entries 657
TOF Mult
BBC-S-East ADC Sum

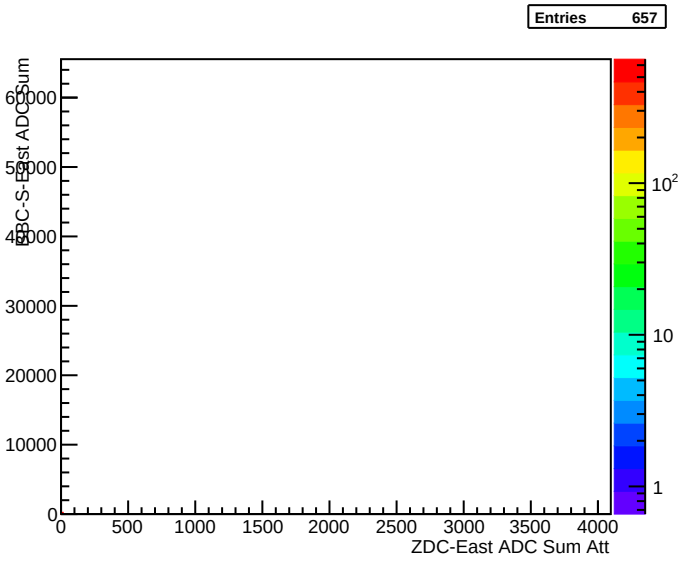

Entries 657
TOF Mult
BBC-S-West ADC Sum

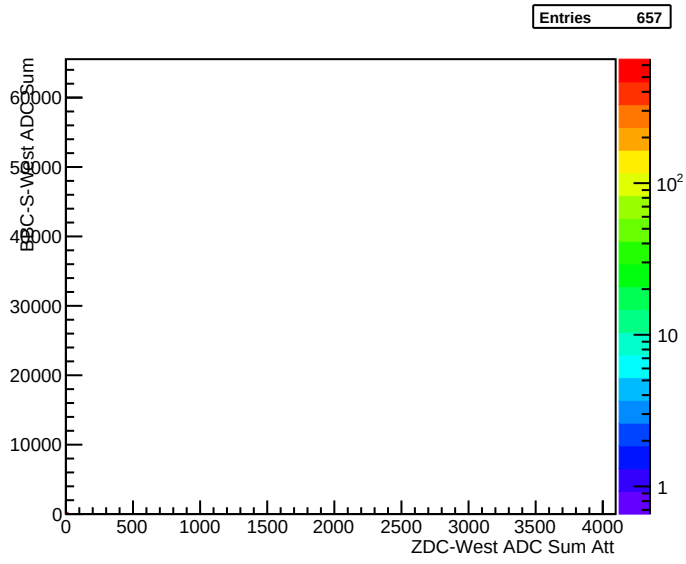

Entries 657
TOF Mult
VPD-East ADC Sum

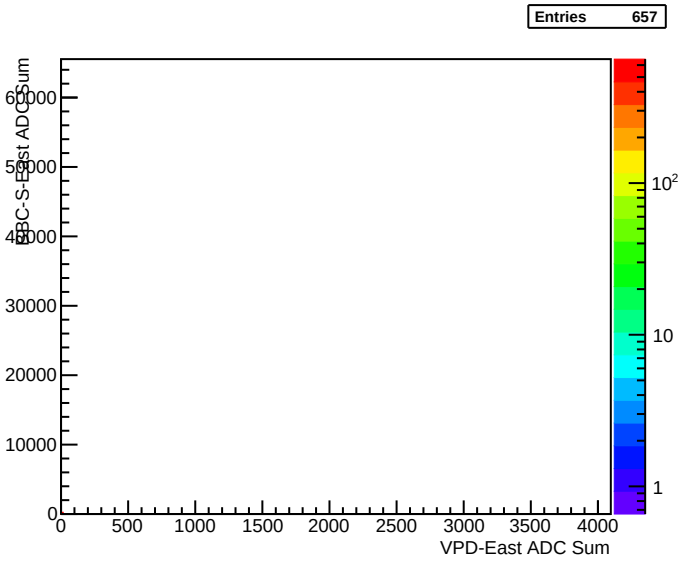

Entries 657
TOF Mult
VPD-West ADC Sum

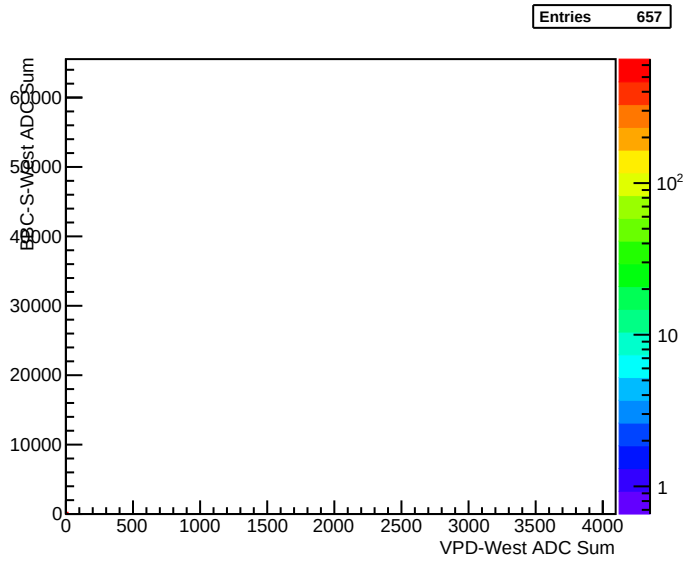

Entries 657
TOF Mult
ZDC-East ADC Sum Att

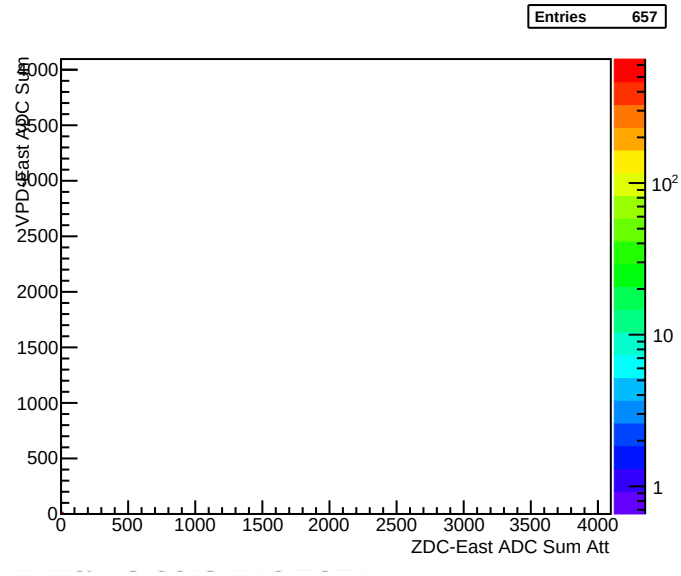

Entries 657
TOF Mult
ZDC-West ADC Sum Att

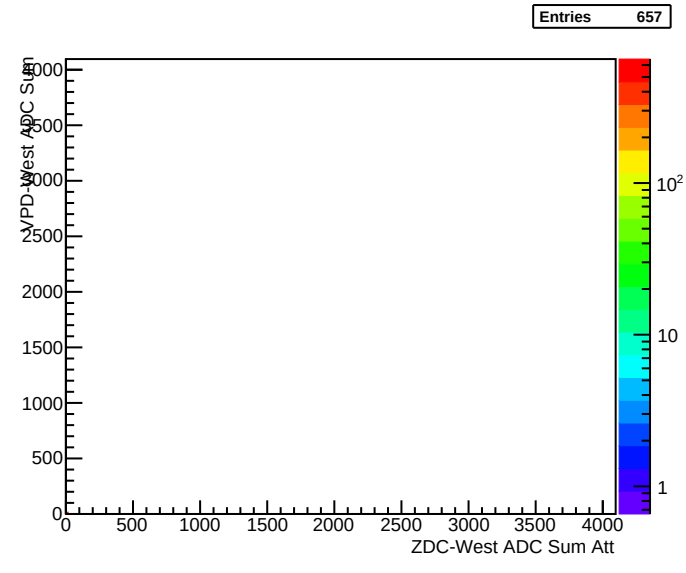

Entries 657
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

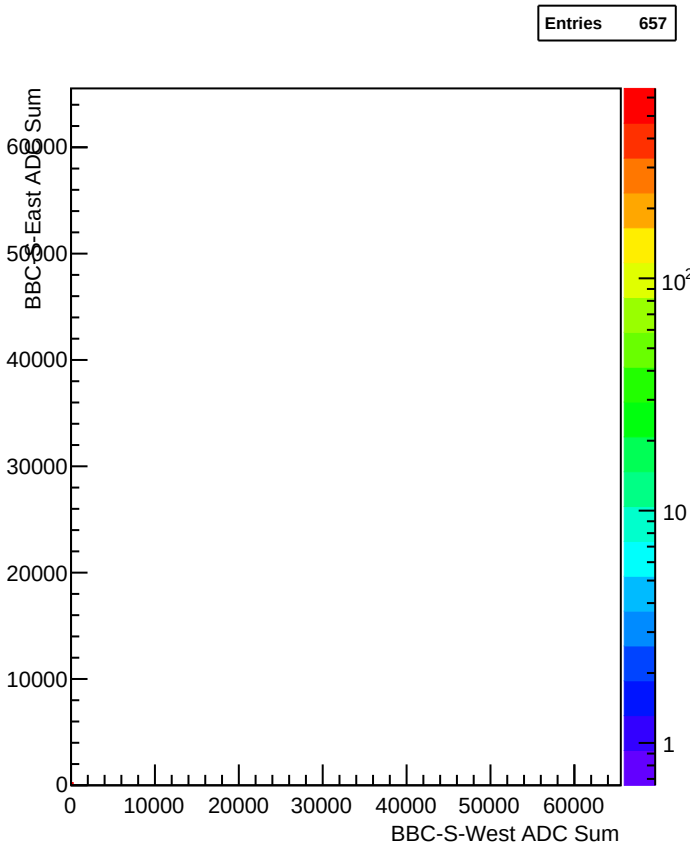

Entries 657
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

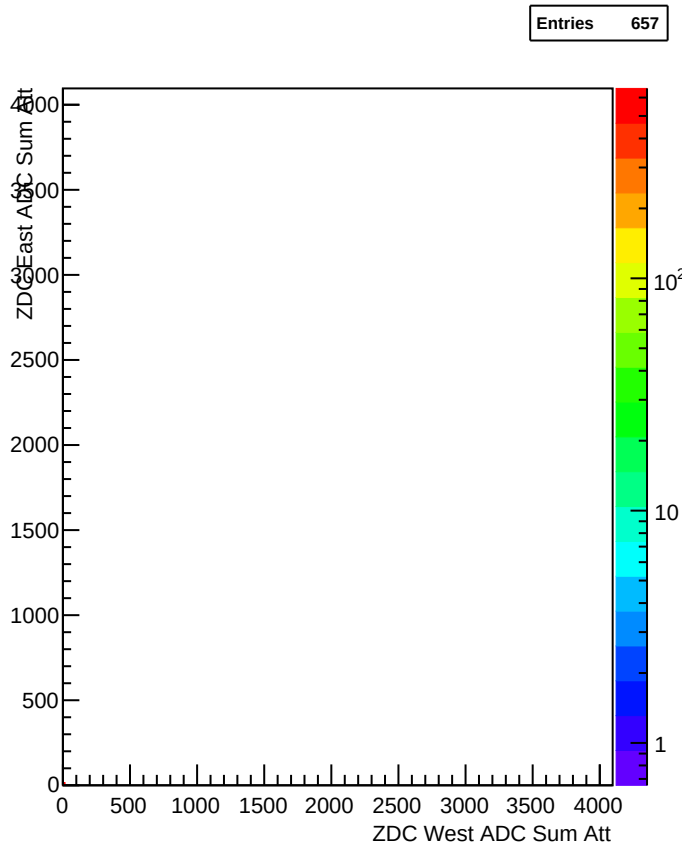

Entries 657
BBC-S-East ADC Sum
VPD-East ADC Sum

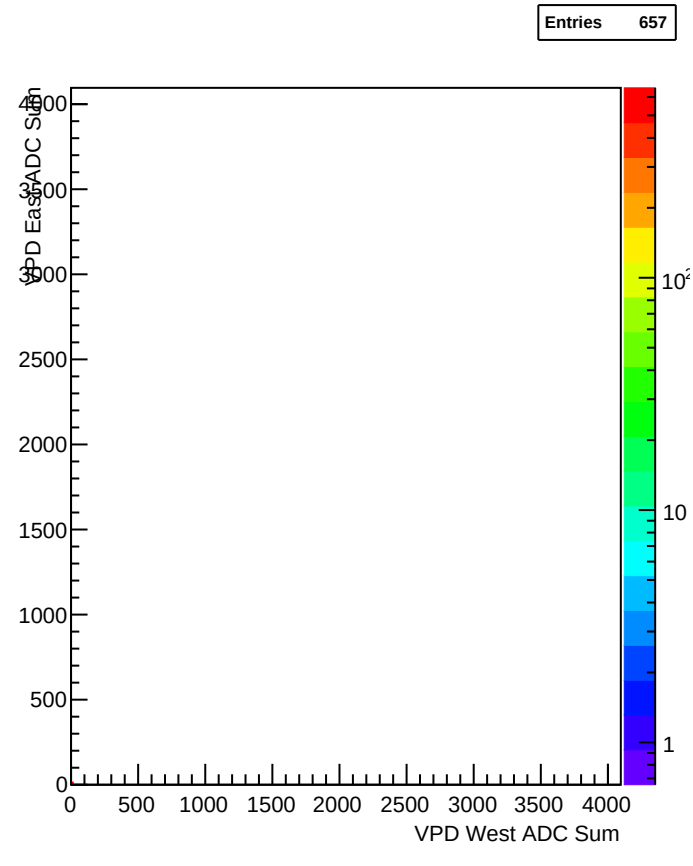

Entries 657
BBC-S-West ADC Sum
VPD-West ADC Sum

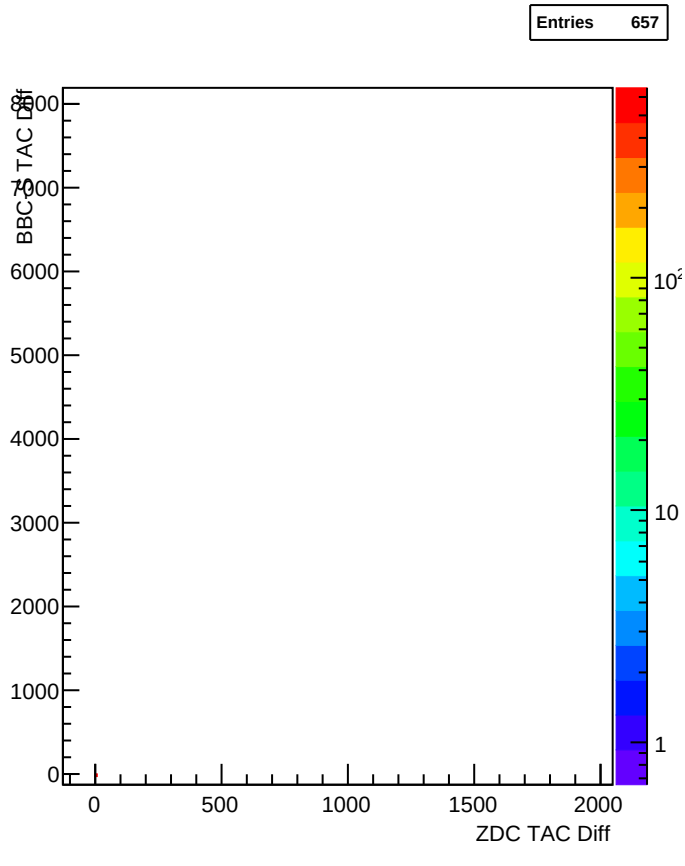

Entries 657
VPD-East ADC Sum
ZDC-East ADC Sum Att

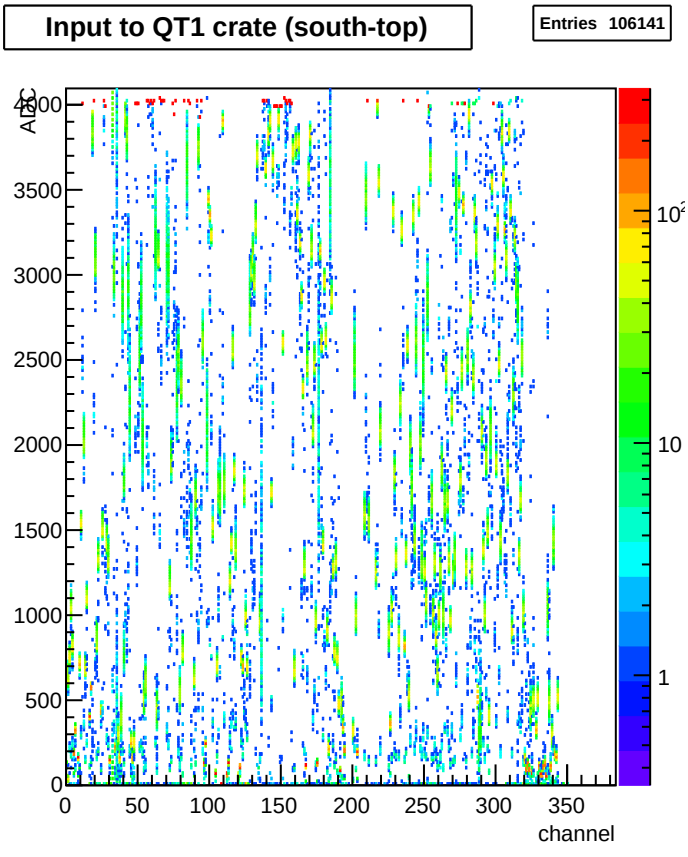

Entries 657
VPD-West ADC Sum
ZDC-West ADC Sum Att

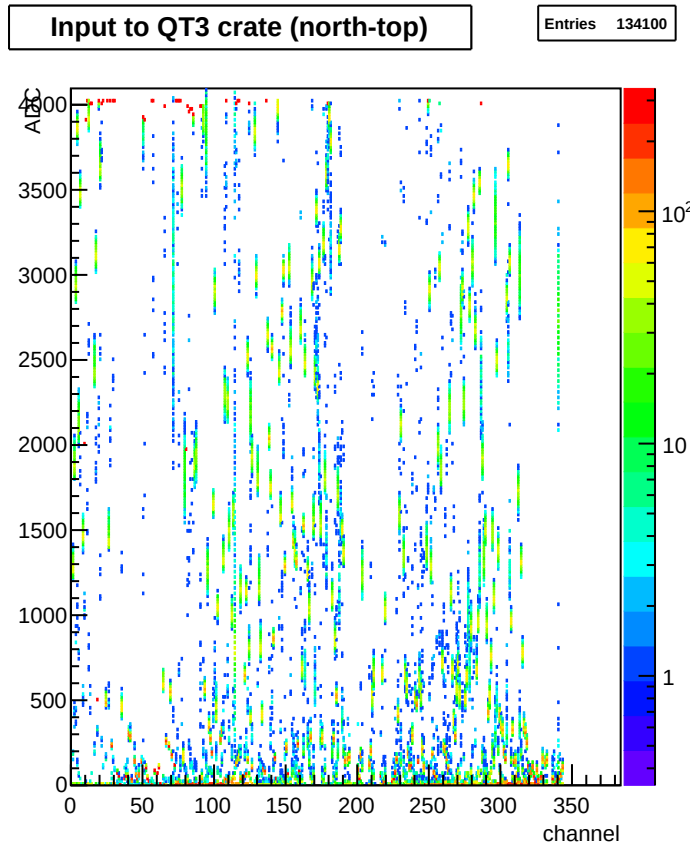

Entries 657
BBC-S-East ADC Sum
BBC-S-West ADC Sum
0
10000
20000
30000
40000
50000
60000
1
10
10²

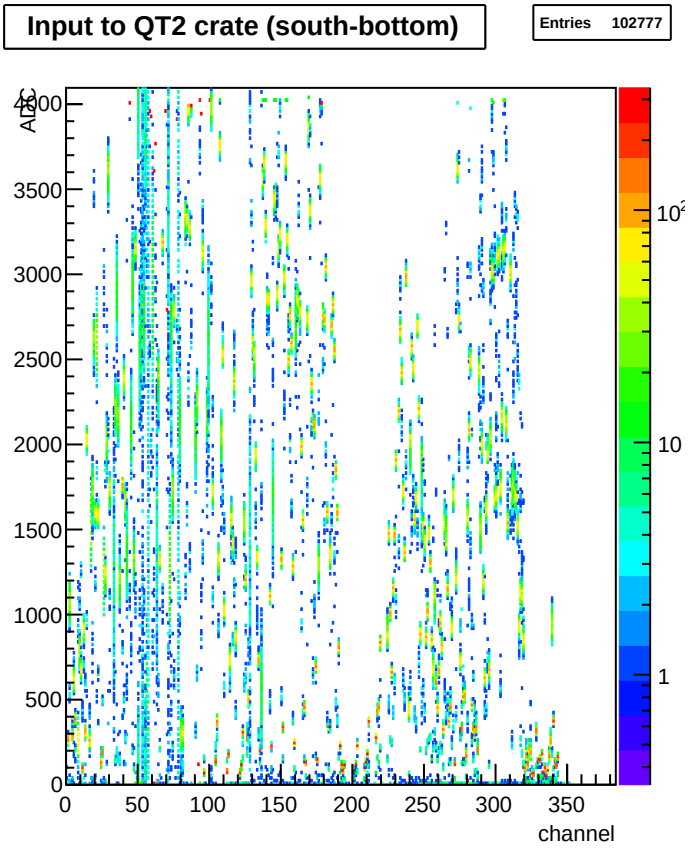

Entries 657
ZDC East ADC Sum Att
ZDC West ADC Sum Att
0
500
1000
1500
2000
2500
3000
3500
4000
1
10
10²

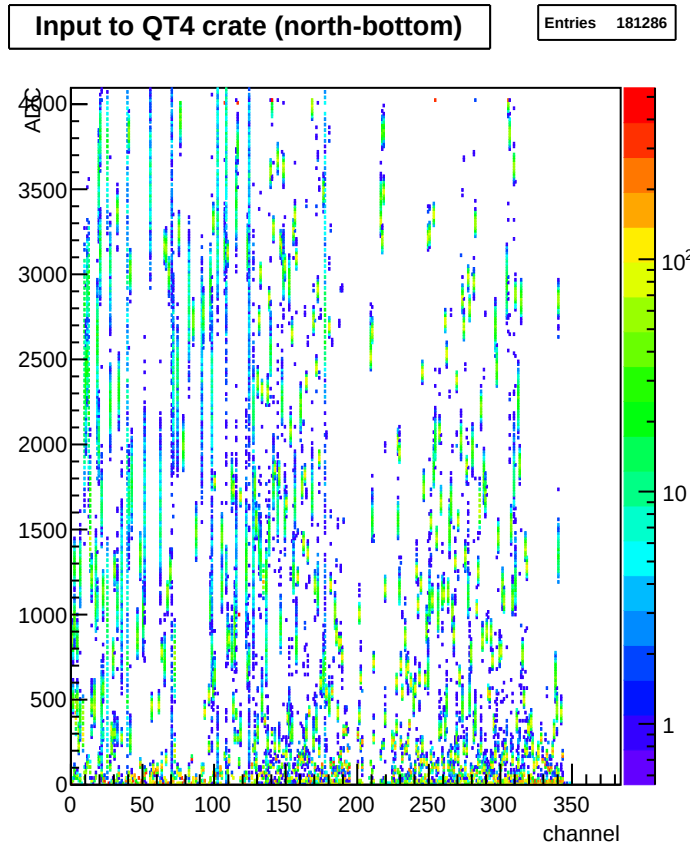

Entries 657
VPD East ADC Sum
VPD West ADC Sum
0
500
1000
1500
2000
2500
3000
3500
4000
1
10
10²

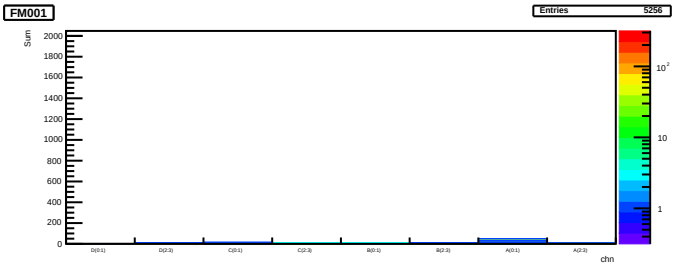

Entries 657
BBC-S TAC Diff
ZDC TAC Diff
0
1000
2000
3000
4000
5000
6000
7000
8000
0
500
1000
1500
2000
1
10
10²

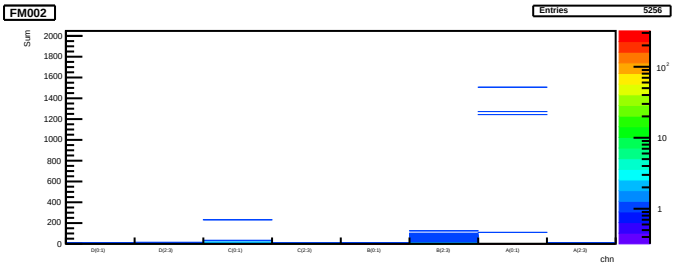

Input to QT1 crate (south-top)
Entries 106141
ADC
channel

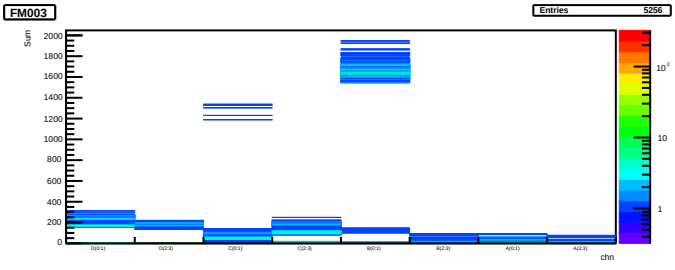

Input to QT3 crate (north-top)
Entries 134100
ADC
channel

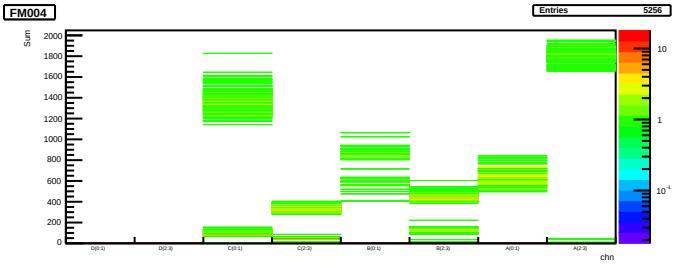

Input to QT2 crate (south-bottom)
Entries 102777
ADC
channel

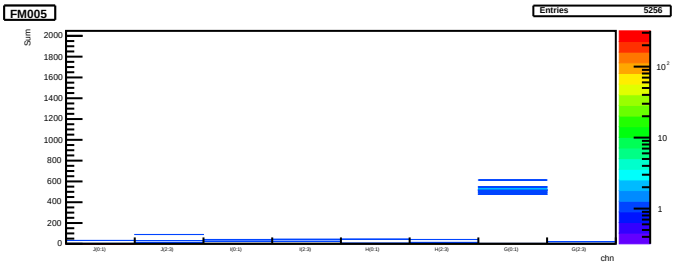

Input to QT4 crate (north-bottom)
Entries 181286
ADC
channel

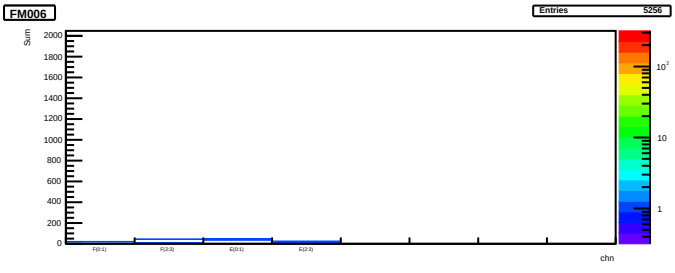

FM001
Entries 5256
Sum
chn

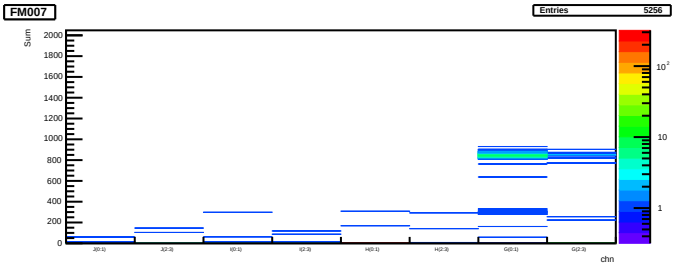

FM002
Entries 5256
Sum
chn

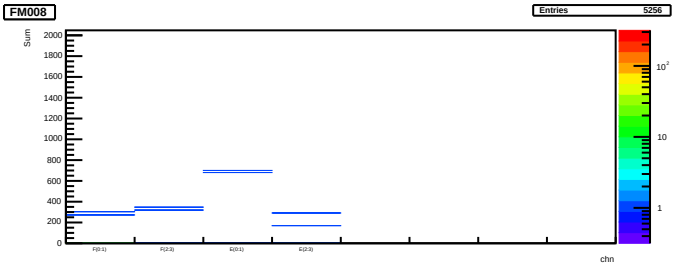

FM003
Entries 5256
Sum
chn

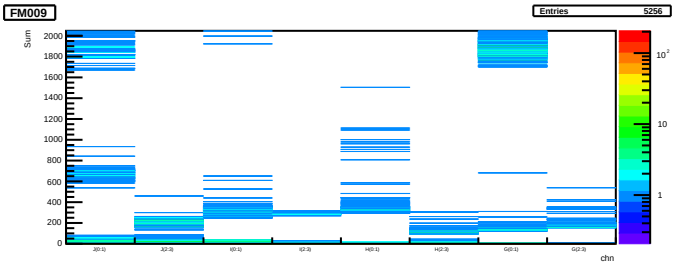

FM004
Entries 5256
Sum
chn

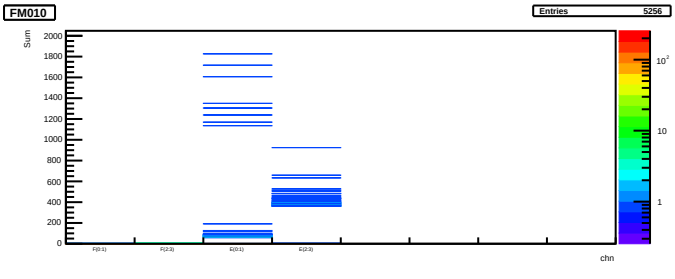

FM005
Entries 5256
Sum
chn

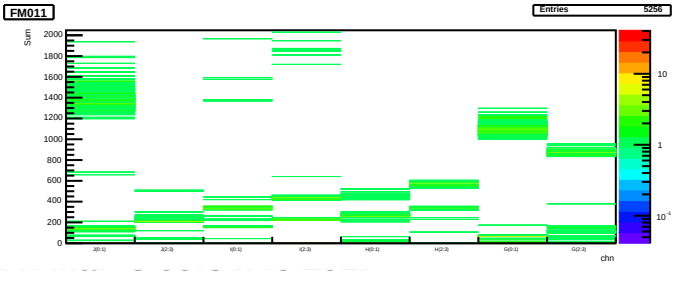

FM006
Entries 5256
Sum
chn

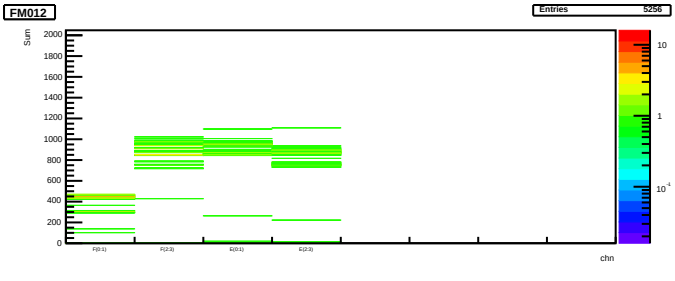

FM007
Entries 5256
Sum
chn

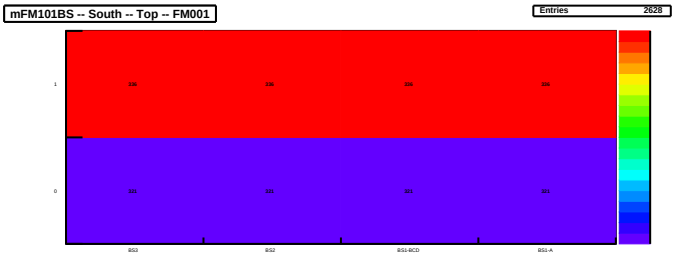

FM008
Entries 5256
Sum
chn

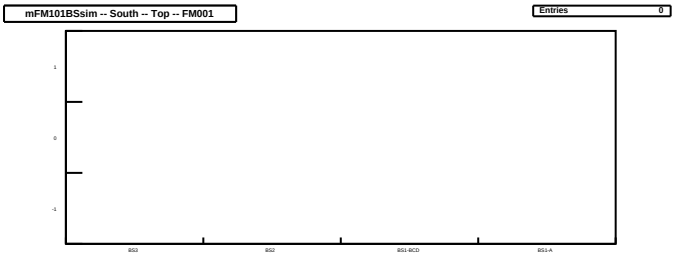

FM009
Entries 5256
Sum
chn

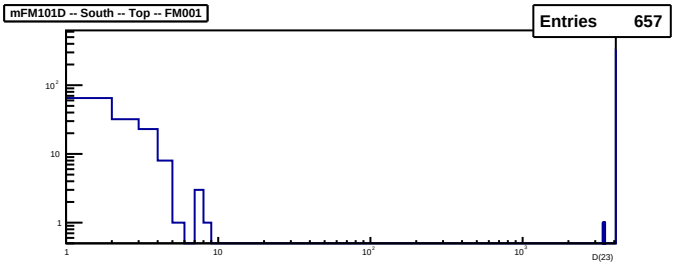

FM010
Entries 5256
Sum
chn

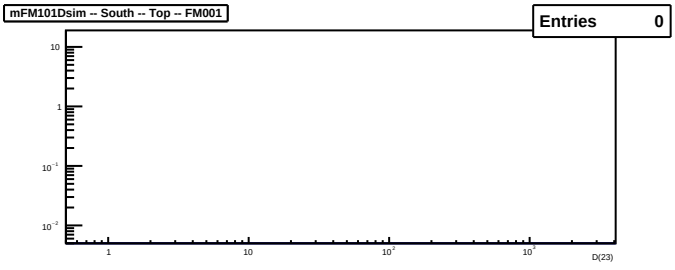

FM011
Entries 5256
Sum
chn

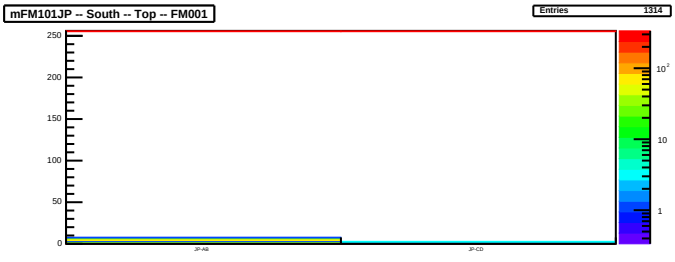

FM012
Entries 5256
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 2628

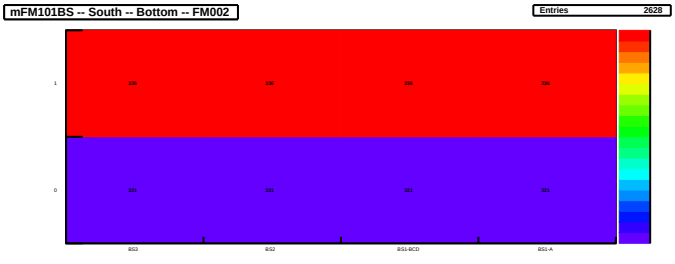

mFM101BSsim -- South -- Top -- FM001
Entries 0

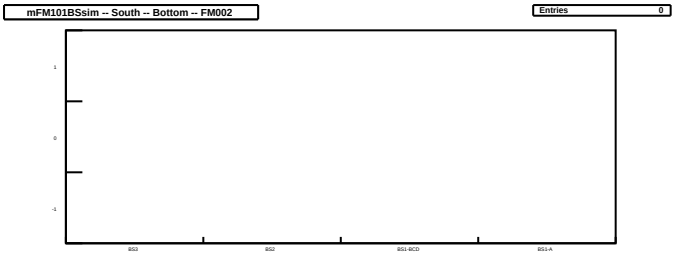

mFM101D -- South -- Top -- FM001
Entries 657
D(23)

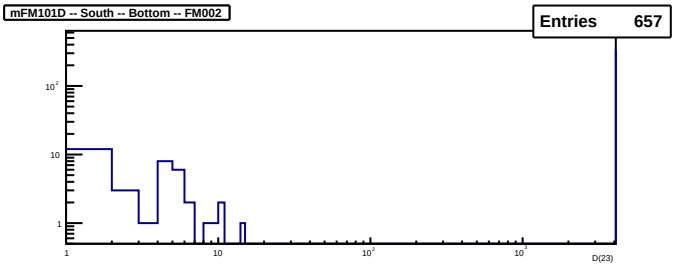

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

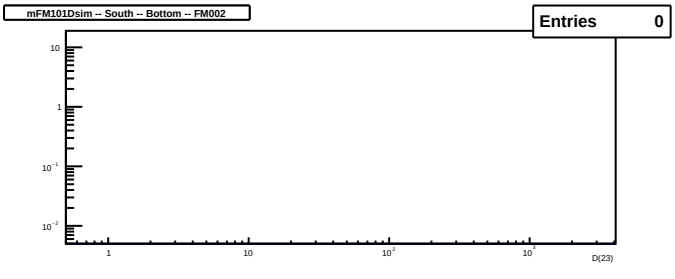

mFM101JP -- South -- Top -- FM001
Entries 1314

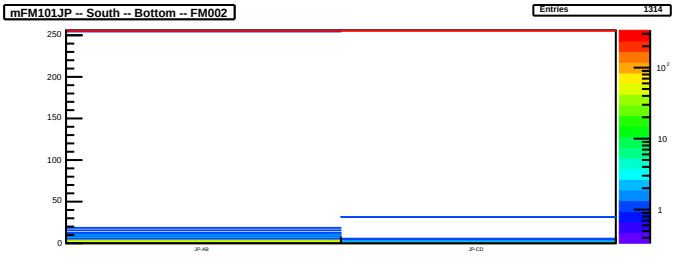
mFM101JPsim -- South -- Top -- FM001
Entries 0

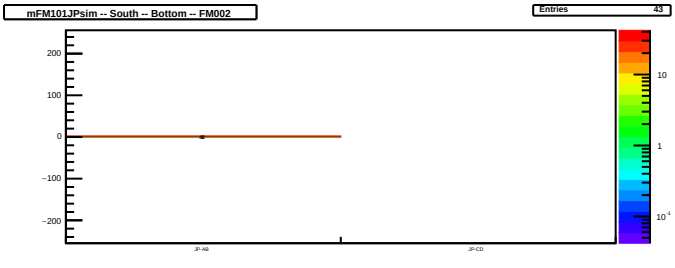

mFM101BS -- South -- Bottom -- FM002
Entries 2628

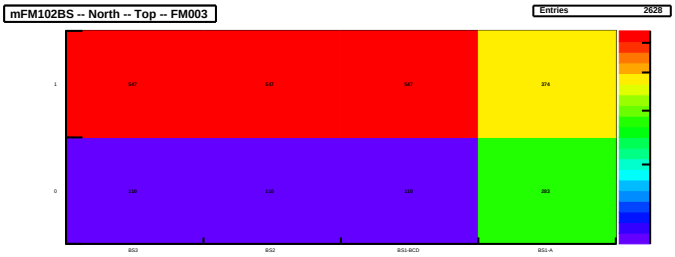

mFM101BSsim -- South -- Bottom -- FM002
Entries 0


mFM101D -- South -- Bottom -- FM002
Entries 657
D(23)

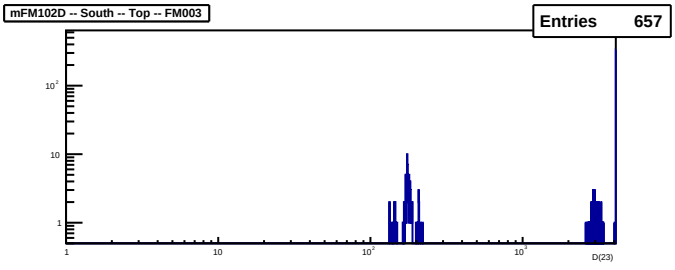

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

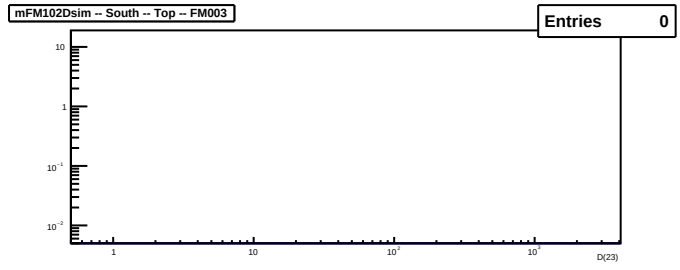

mFM101JP -- South -- Bottom -- FM002
Entries 1314

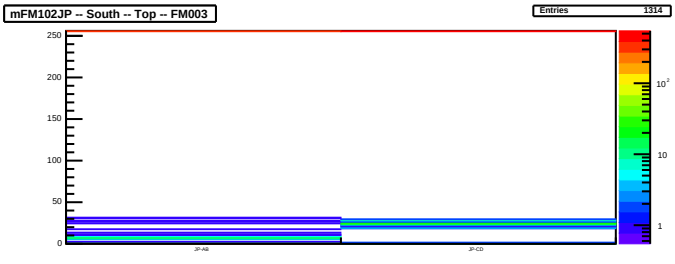

mFM101JPsim -- South -- Bottom -- FM002
Entries 43

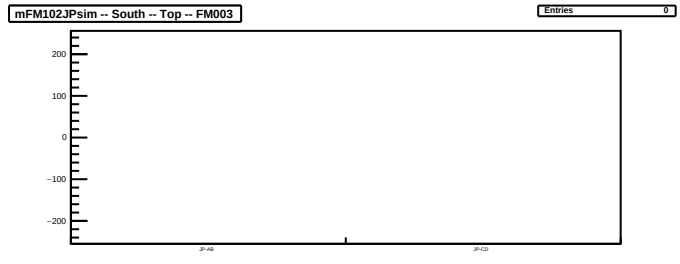

mFM102BS -- North -- Top -- FM003
Entries 2628

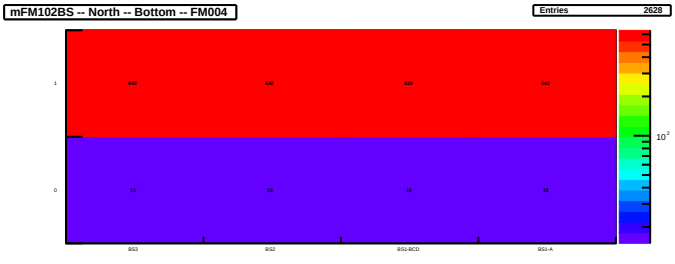
mFM102BSsim -- North -- Top -- FM003
Entries 41

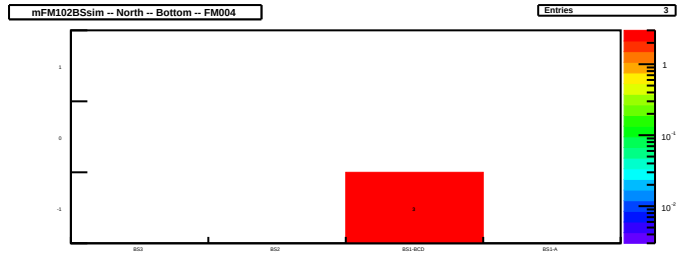

mFM102D -- South -- Top -- FM003
Entries 657
D(23)

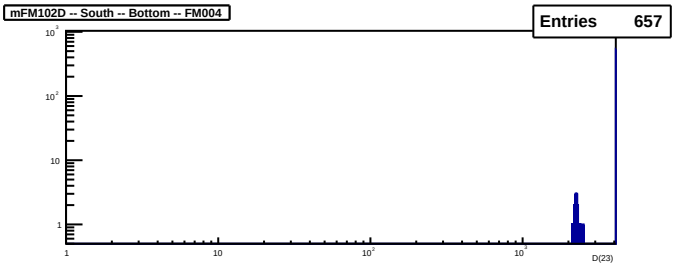

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

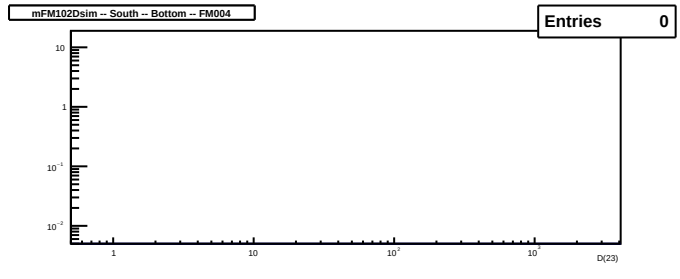

mFM102JP -- South -- Top -- FM003
Entries 1314

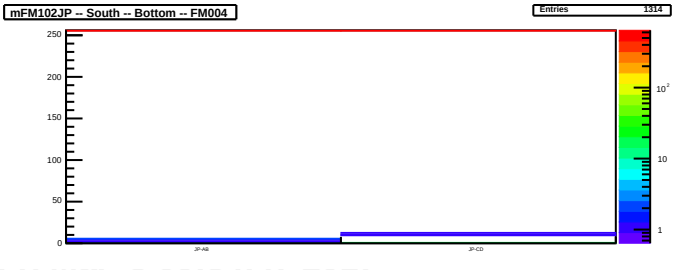

mFM102JPsim -- South -- Top -- FM003
Entries 0

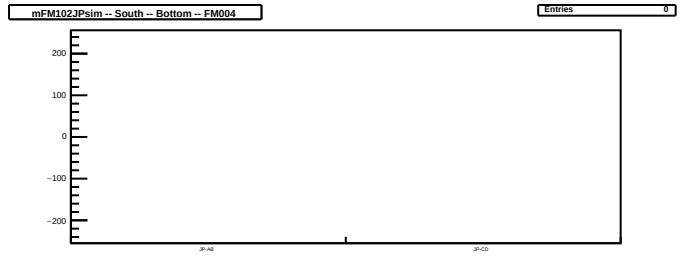

mFM102BS -- North -- Bottom -- FM004
Entries 2628

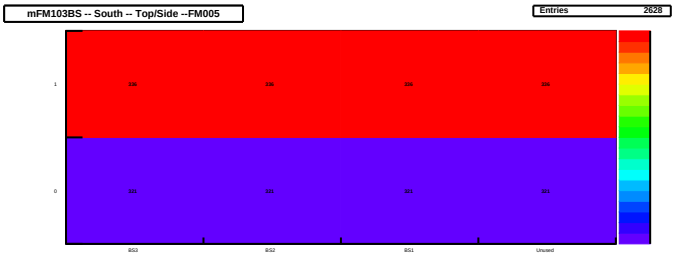

mFM102BSsim -- North -- Bottom -- FM004
Entries 3

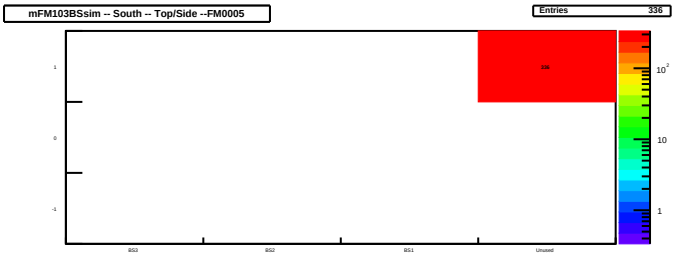

mFM102D -- South -- Bottom -- FM004
Entries 657
D(23)

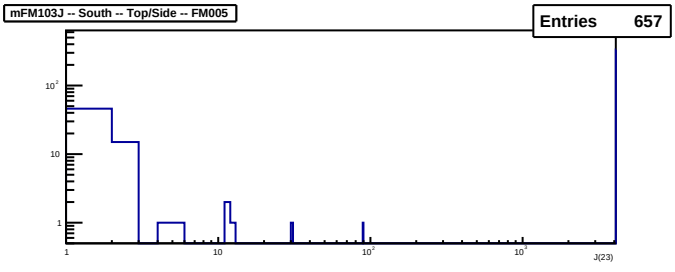

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

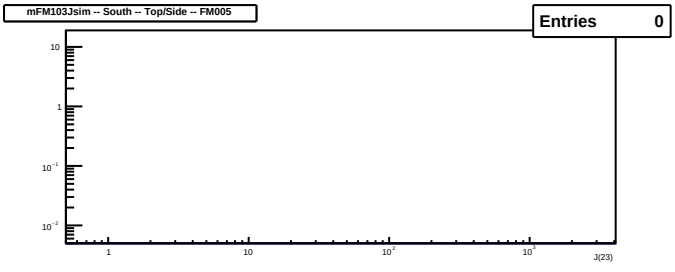

mFM102JP -- South -- Bottom -- FM004
Entries 1314

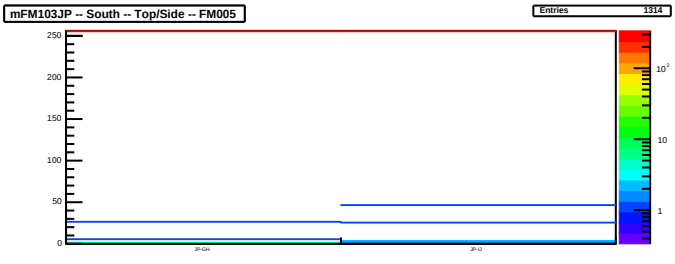

mFM102JPsim -- South -- Bottom -- FM004
Entries 0

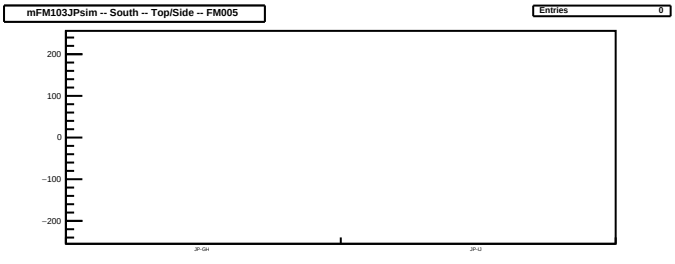

mFM103BS -- South -- Top/Side --FM005
Entries 2628

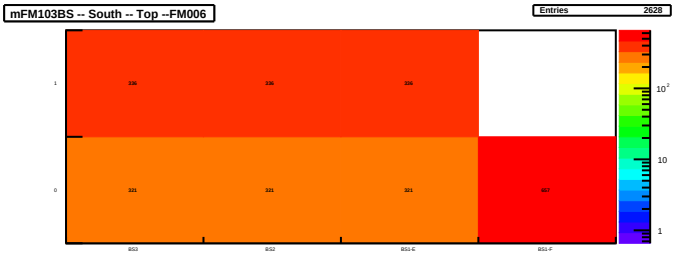

mFM103BSsim -- South -- Top/Side --FM0005
Entries 336

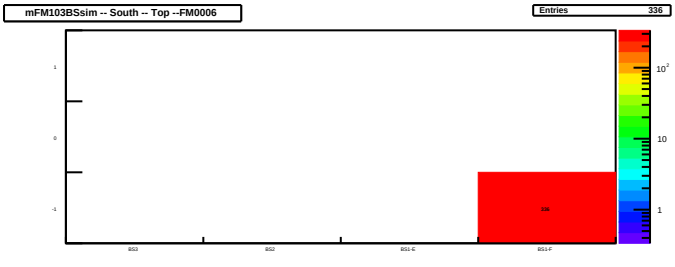

mFM103J -- South -- Top/Side -- FM005
Entries 657
J(23)

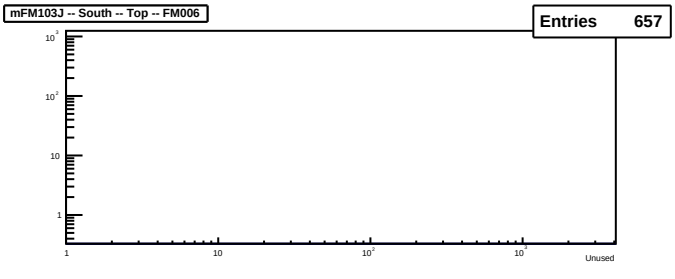

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

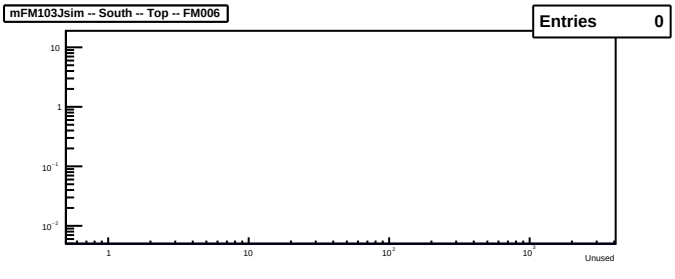

mFM103JP -- South -- Top/Side -- FM005
Entries 1314

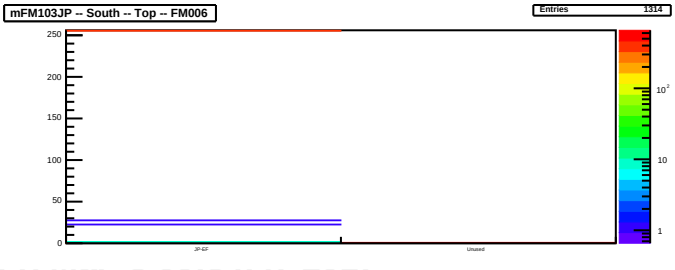

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0

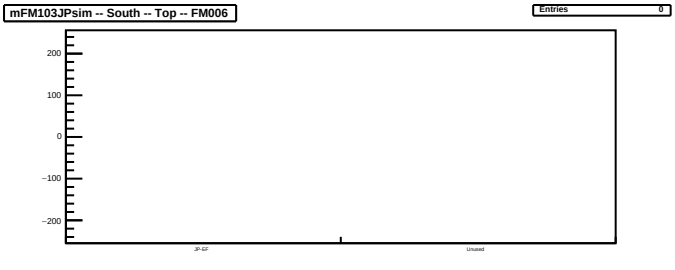

mFM103BS -- South -- Top --FM006
Entries 2628

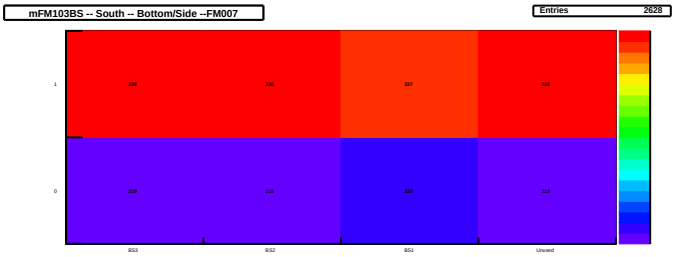

mFM103BSsim -- South -- Top --FM0006
Entries 336

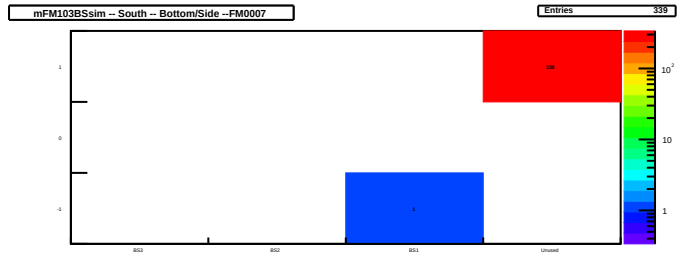

mFM103J -- South -- Top -- FM006
Entries 657
Unused

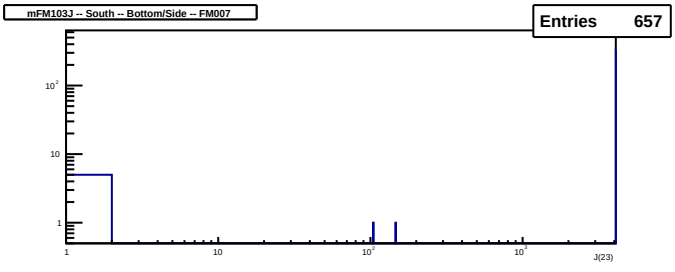

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

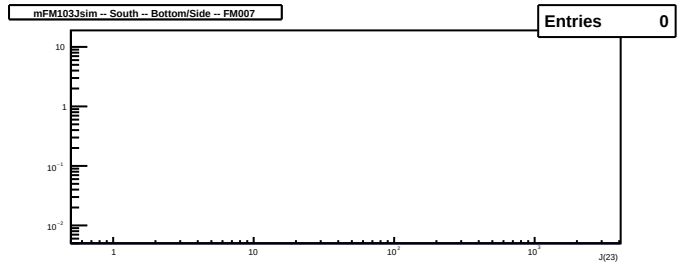

mFM103JP -- South -- Top -- FM006
Entries 1314

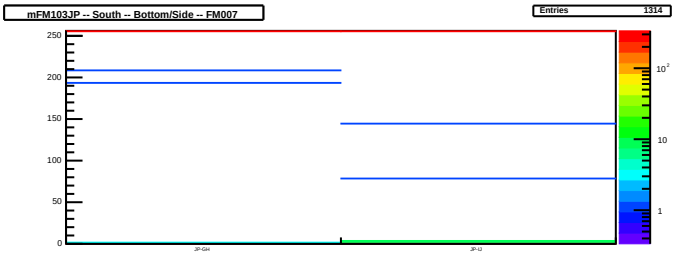

mFM103JPsim -- South -- Top -- FM006
Entries 0

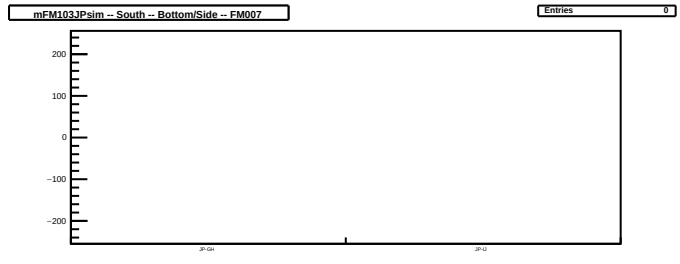

mFM103BS -- South -- Bottom/Side --FM007
Entries 2628

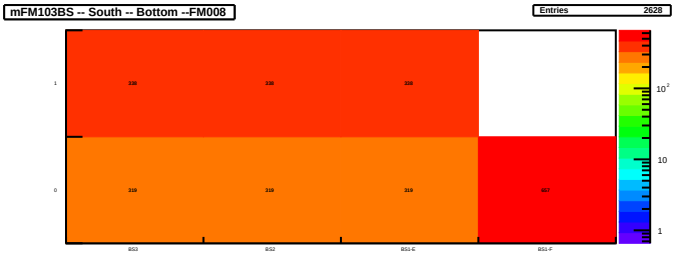

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 339

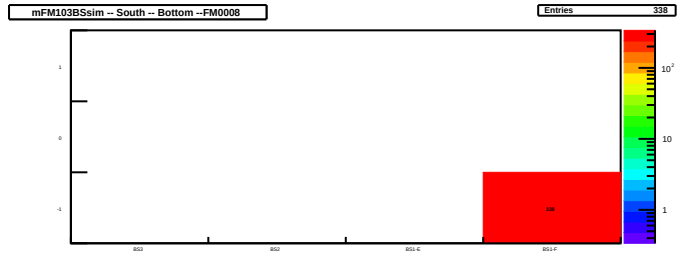

mFM103J -- South -- Bottom/Side -- FM007
Entries 657
J(23)

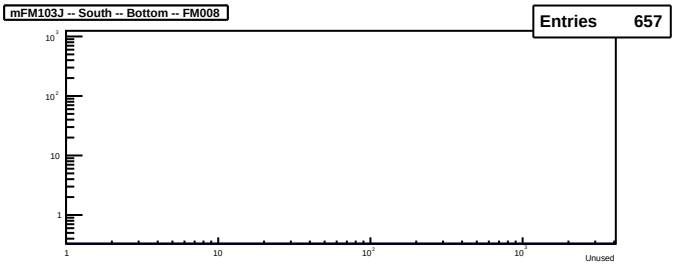

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

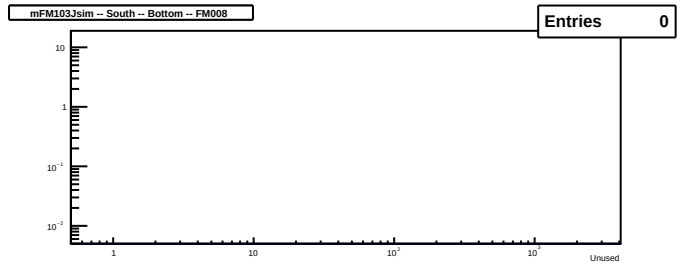

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1314

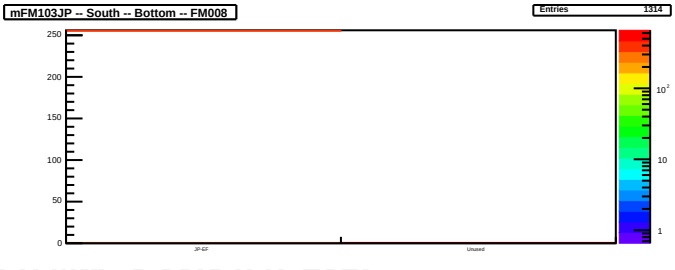

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0

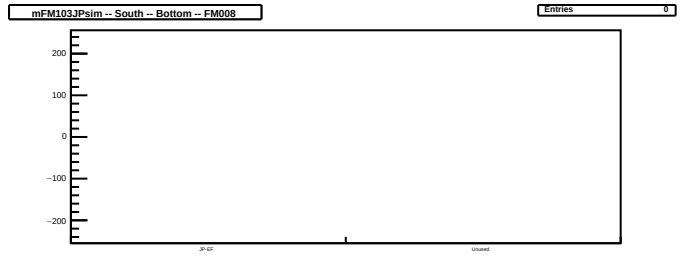

mFM103BS -- South -- Bottom --FM008
Entries 2628

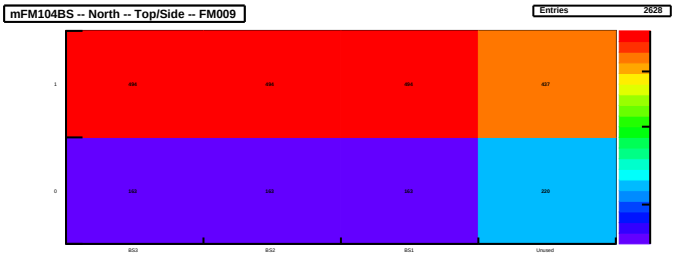

mFM103BSsim -- South -- Bottom --FM0008
Entries 338

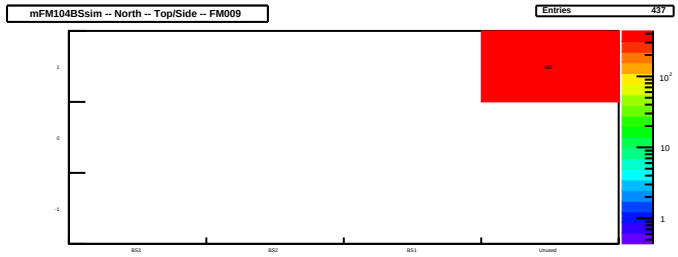

mFM103J -- South -- Bottom -- FM008
Entries 657
Unused

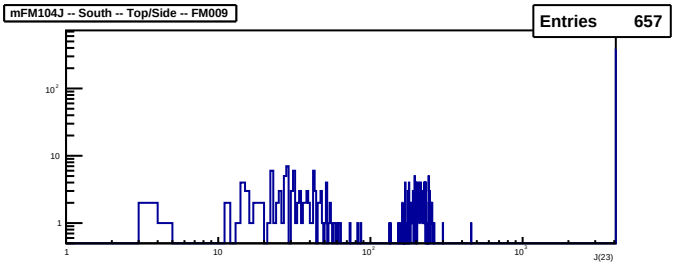

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

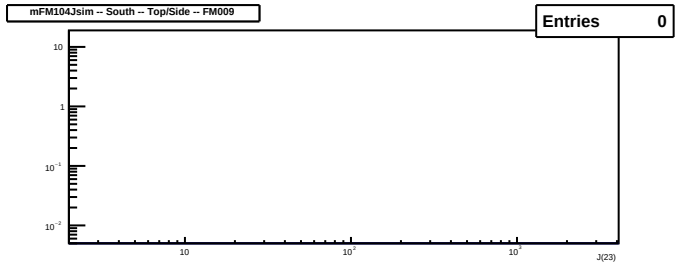

mFM103JP -- South -- Bottom -- FM008
Entries 1314

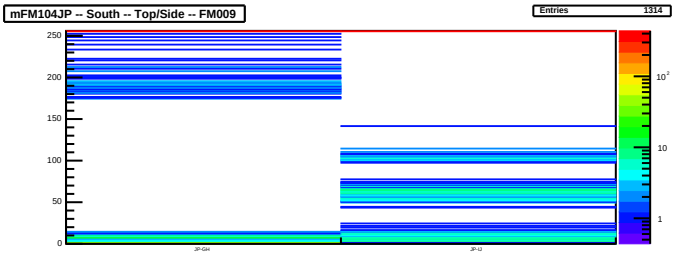

mFM103JPsim -- South -- Bottom -- FM008
Entries 0

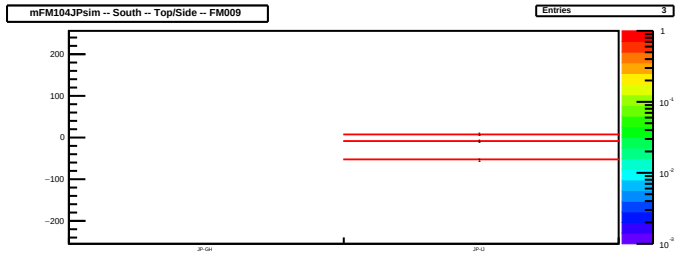

mFM104BS -- North -- Top/Side -- FM009
Entries 2628
494
494
494
437
163
163
163
220
BS3
BS2
BS1
Unused

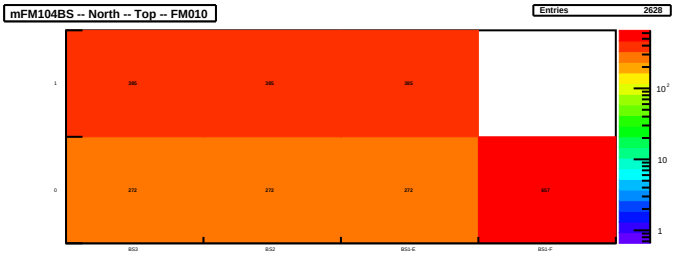

mFM104BSsim -- North -- Top/Side -- FM009
Entries 437
437
BS3
BS2
BS1
Unused

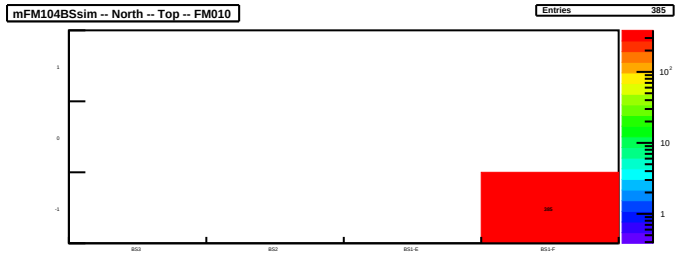

mFM104J -- South -- Top/Side -- FM009
Entries 657
J(23)

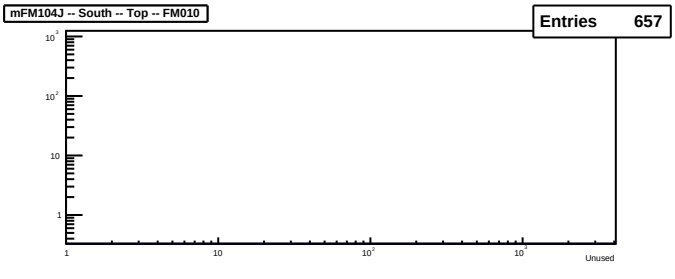

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

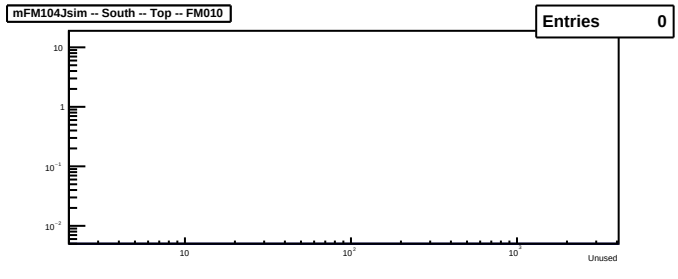

mFM104JP -- South -- Top/Side -- FM009
Entries 1314
JP-GH
JP-U

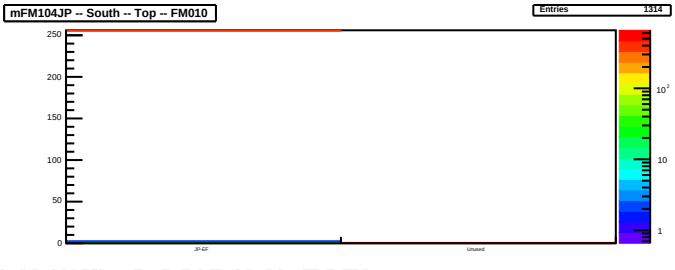

mFM104JPsim -- South -- Top/Side -- FM009
Entries 3
JP-GH
JP-U


mFM104BS -- North -- Top -- FM010
Entries 2628
385
385
385
272
272
272
657
BS3
BS2
BS1-E
BS1-F

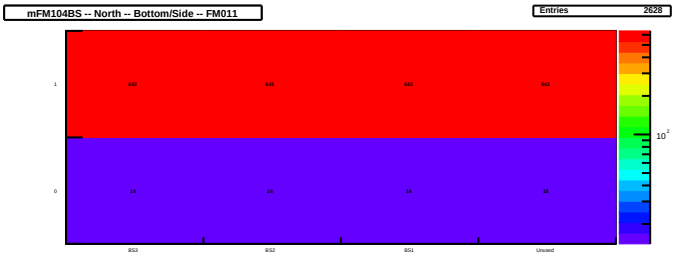

mFM104BSsim -- North -- Top -- FM010
Entries 385
385
BS3
BS2
BS1-E
BS1-F

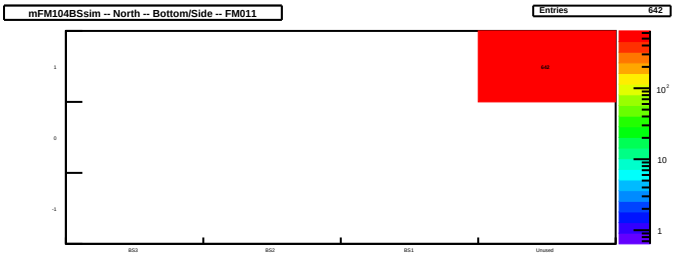

mFM104J -- South -- Top -- FM010
Entries 657
Unused

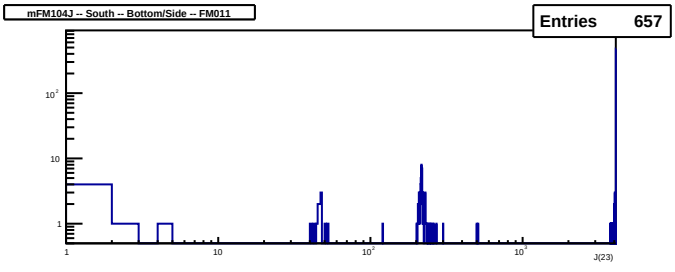

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

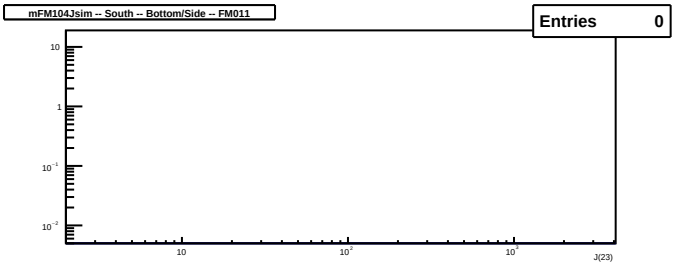

mFM104JP -- South -- Top -- FM010
Entries 1314
JP-EF
Unused

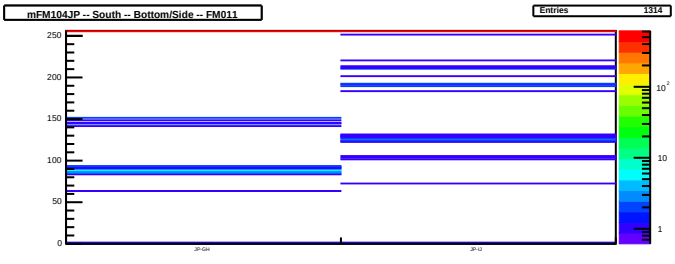
mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

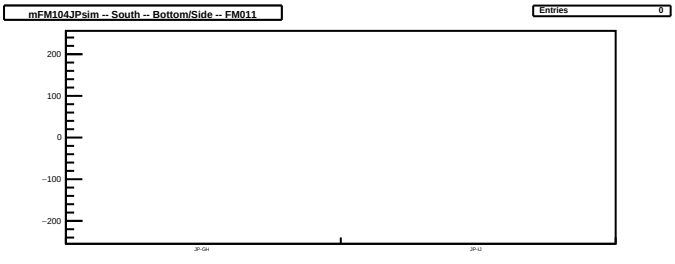

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2628
BS3
BS2
BS1
Unused

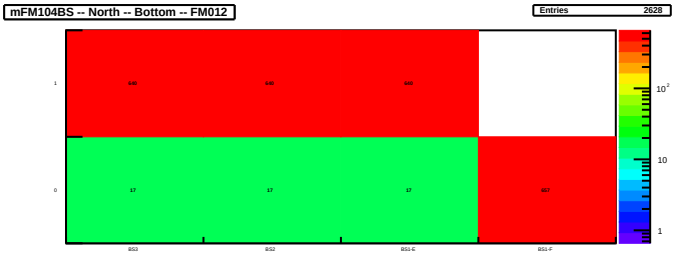

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 642
BS3
BS2
BS1
Unused

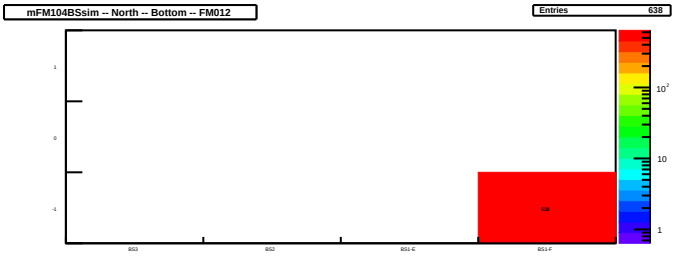

mFM104J -- South -- Bottom/Side -- FM011
Entries 657
J(23)

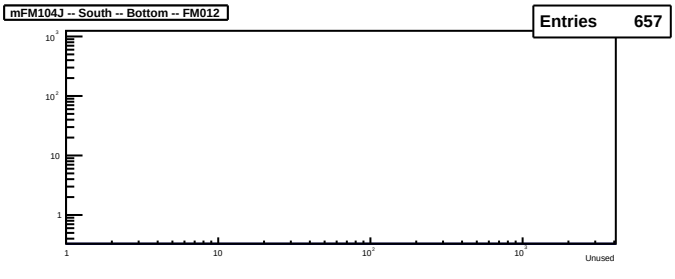

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

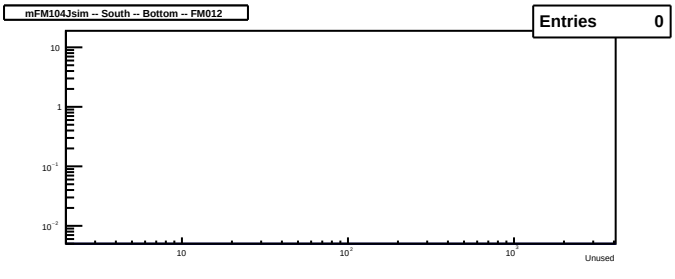

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1314
JP-GH
JP-IJ

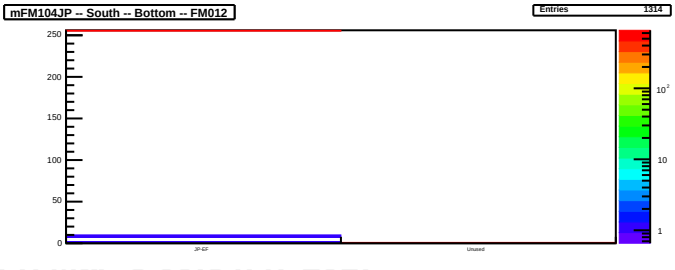

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ

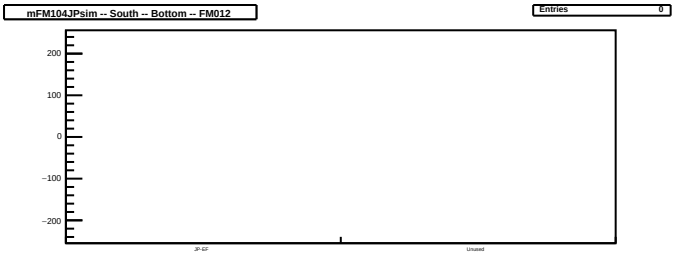

mFM104BS -- North -- Bottom -- FM012
Entries 2628
BS3
BS2
BS1-E
BS1-F

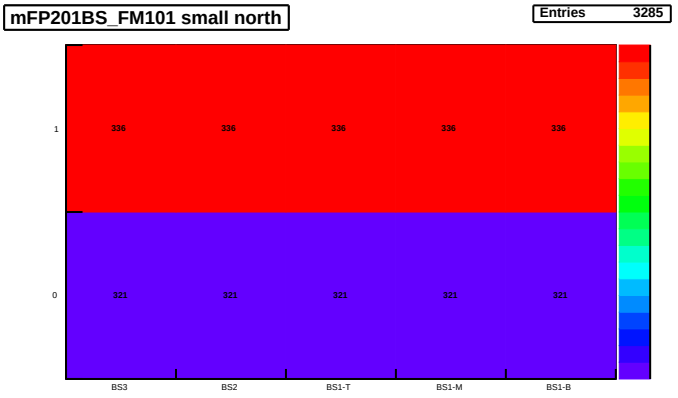

mFM104BSsim -- North -- Bottom -- FM012
Entries 638
BS3
BS2
BS1-E
BS1-F

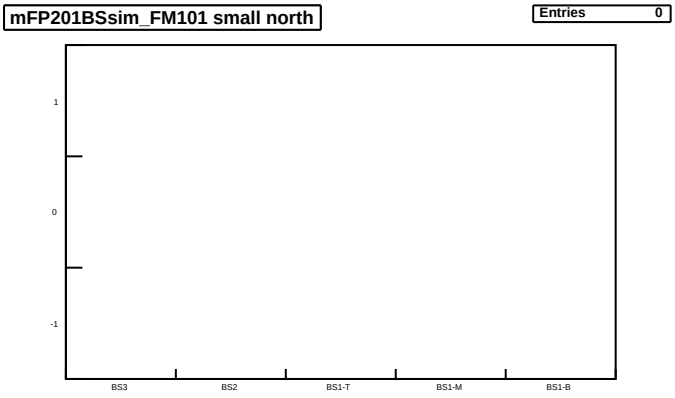

mFM104J -- South -- Bottom -- FM012
Entries 657
Unused

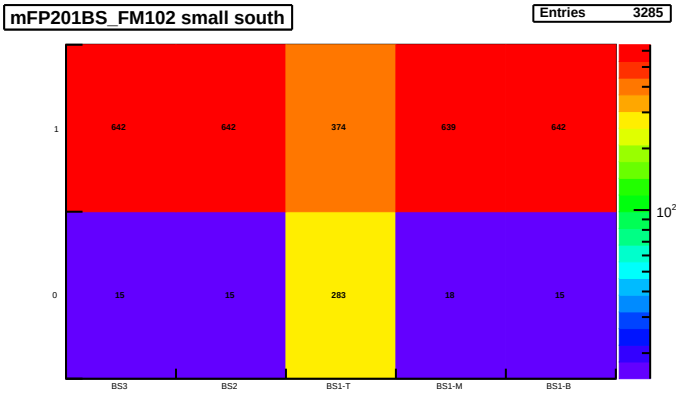

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

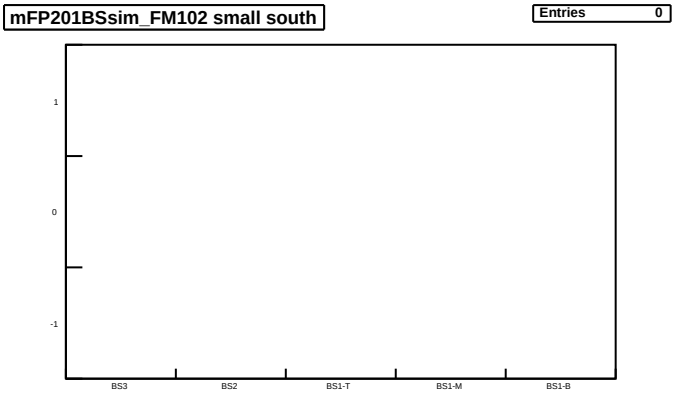

mFM104JP -- South -- Bottom -- FM012
Entries 1314
JP-EF
Unused

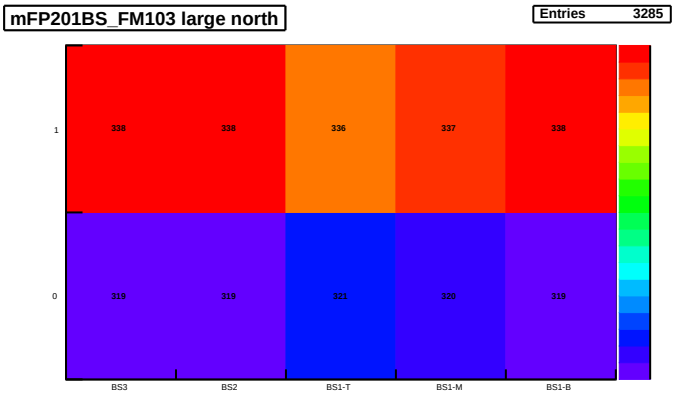

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

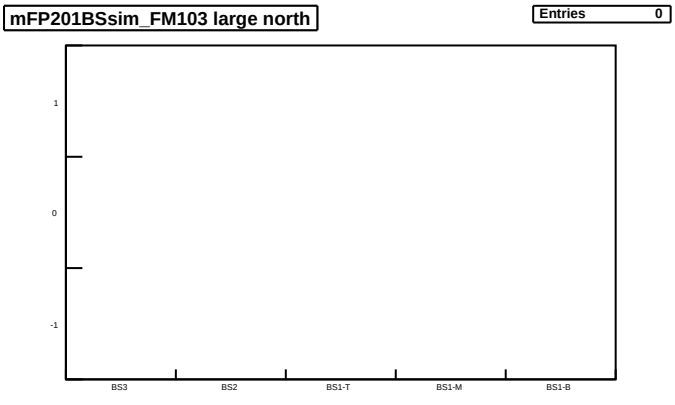

mFP201BS_FM101 small north
Entries 3285
336 336 336 336 336
321 321 321 321 321
1
0
BS3 BS2 BS1-T BS1-M BS1-B

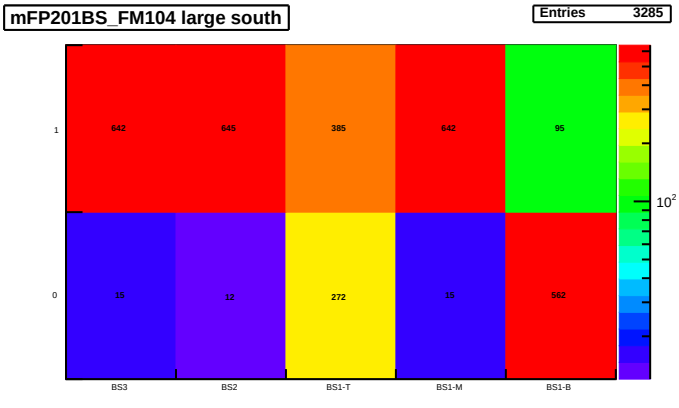

mFP201BSsim_FM101 small north
Entries 0
1
0
-1
BS3 BS2 BS1-T BS1-M BS1-B

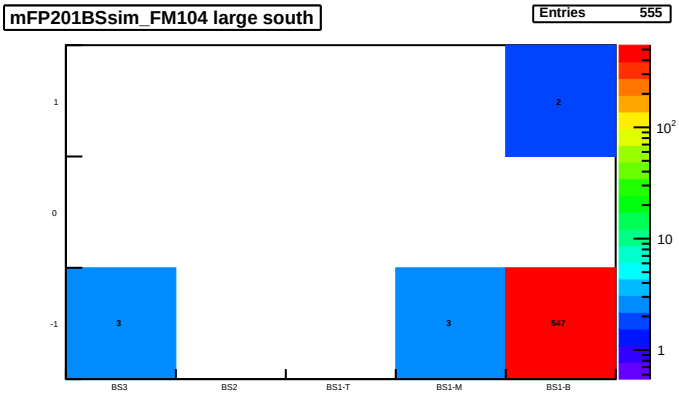

mFP201BS_FM102 small south
Entries 3285
642 642 374 639 642
15 15 283 18 15
1
0
10^2
BS3 BS2 BS1-T BS1-M BS1-B

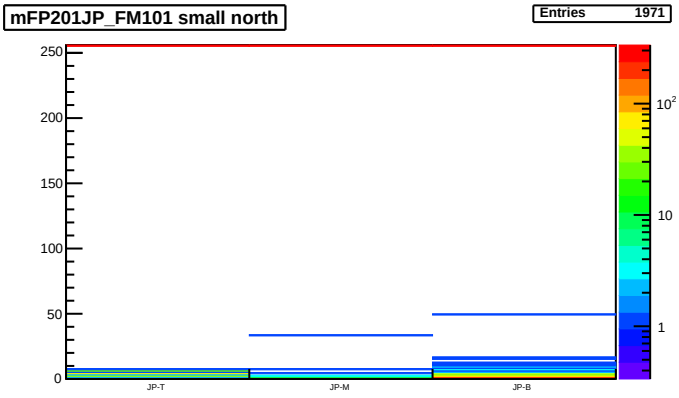

mFP201BSsim_FM102 small south
Entries 0
1
0
-1
BS3 BS2 BS1-T BS1-M BS1-B

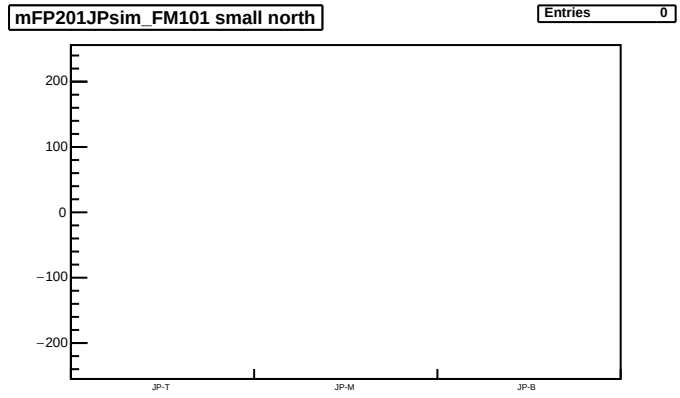

mFP201BS_FM103 large north
Entries 3285
338 338 336 337 338
319 319 321 320 319
1
0
BS3 BS2 BS1-T BS1-M BS1-B

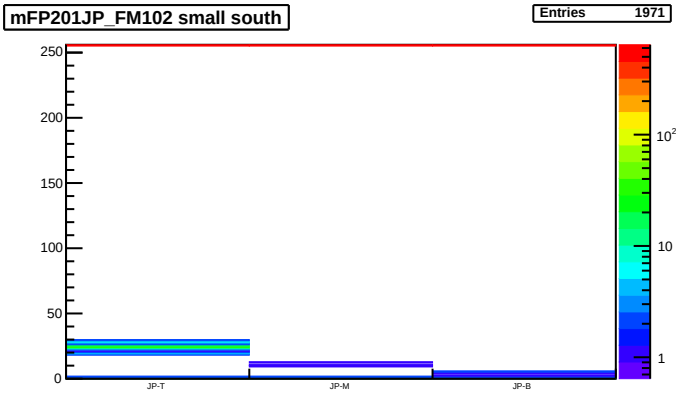

mFP201BSsim_FM103 large north
Entries 0
1
0
-1
BS3 BS2 BS1-T BS1-M BS1-B

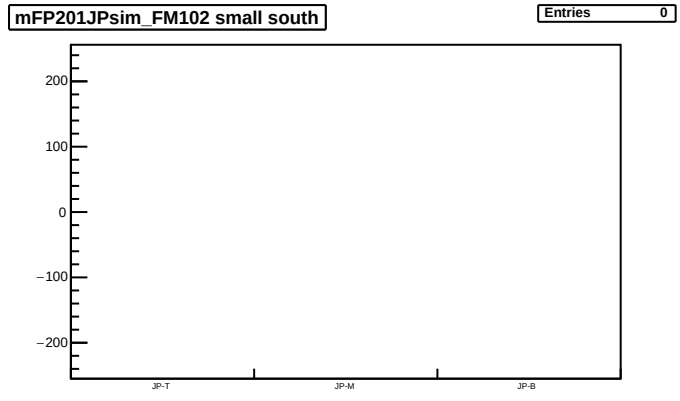

mFP201BS_FM104 large south
Entries 3285
642 645 385 642 95
15 12 272 15 562
1
0
10^2
BS3 BS2 BS1-T BS1-M BS1-B

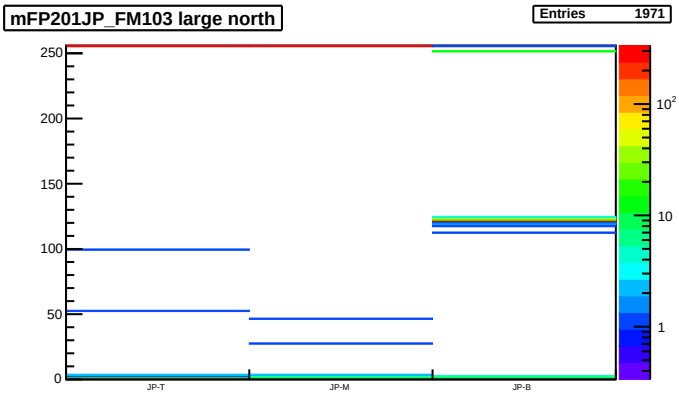

mFP201BSsim_FM104 large south
Entries 555
2
3 3 547
1
0
-1
10^2
10
1
BS3 BS2 BS1-T BS1-M BS1-B

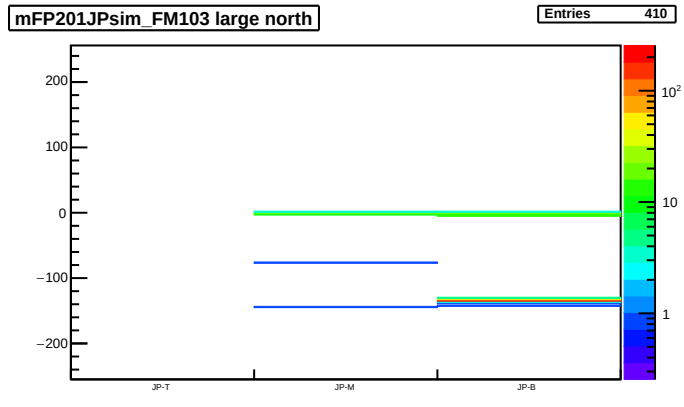

mFP201JP_FM101 small north
Entries 1971
JP-T
JP-M
JP-B

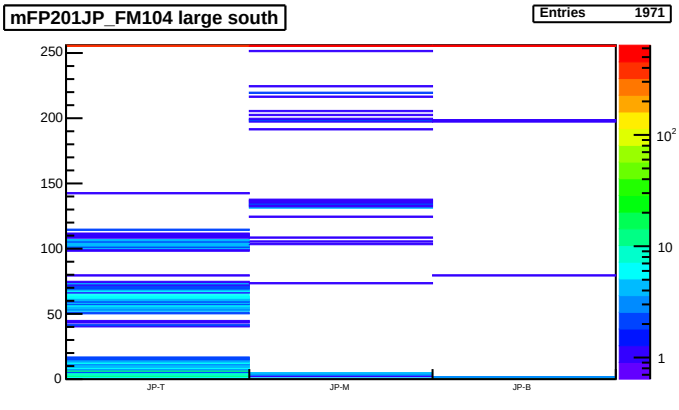

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

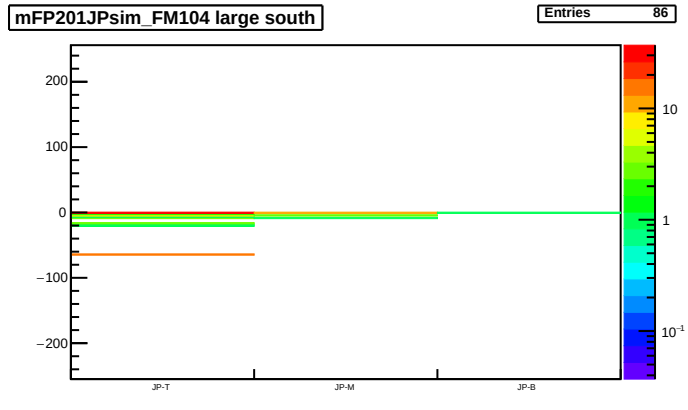

mFP201JP_FM102 small south
Entries 1971
JP-T
JP-M
JP-B

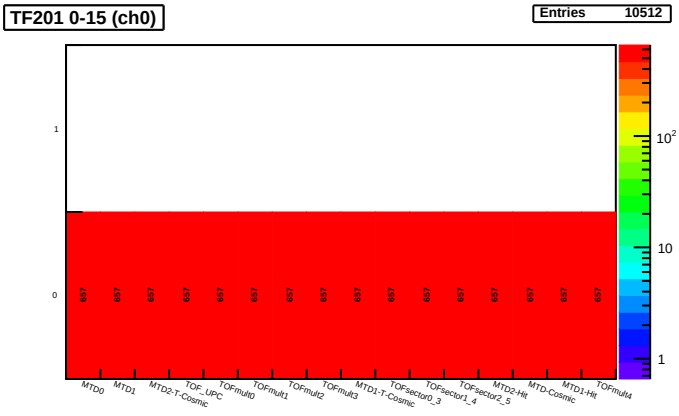

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

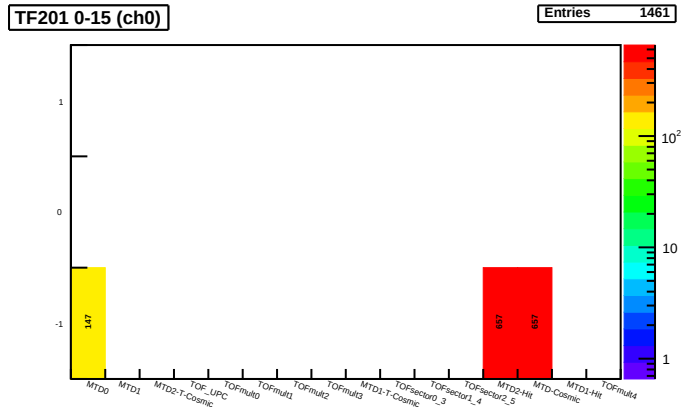

mFP201JP_FM103 large north
Entries 1971
JP-T
JP-M
JP-B

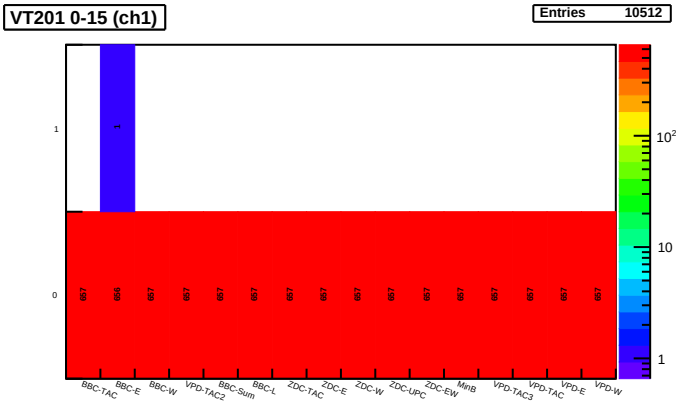

mFP201JPsim_FM103 large north
Entries 410
JP-T
JP-M
JP-B

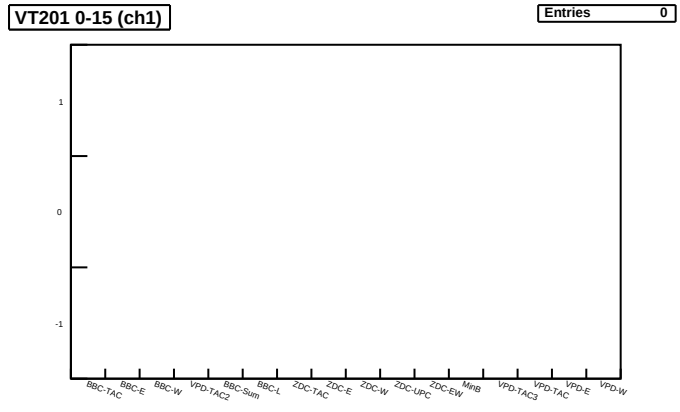

mFP201JP_FM104 large south
Entries 1971
JP-T
JP-M
JP-B

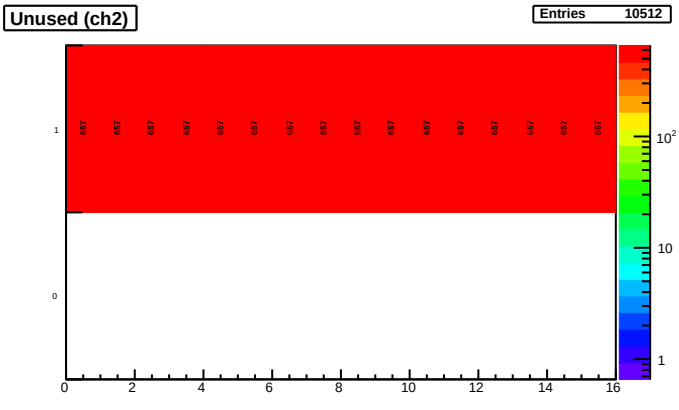

mFP201JPsim_FM104 large south
Entries 86
JP-T
JP-M
JP-B

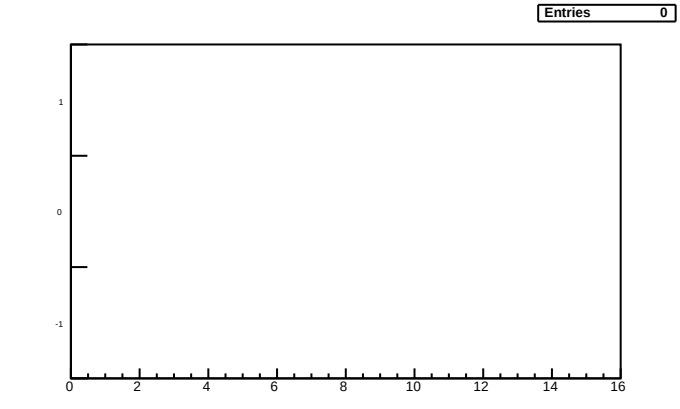

TF201 0-15 (ch0)
Entries 10512
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

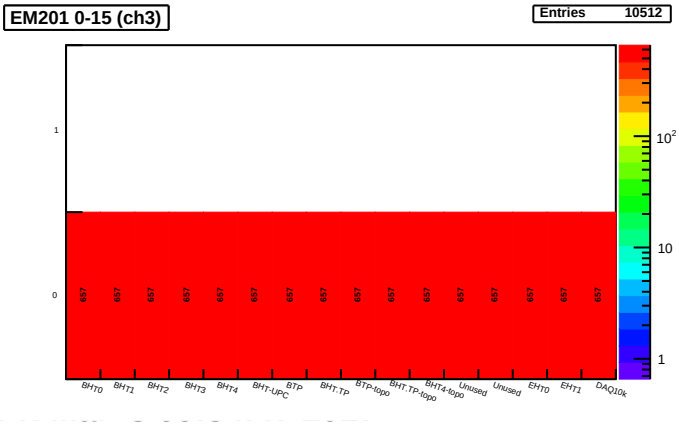

TF201 0-15 (ch0)
Entries 1461
147
657 657
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

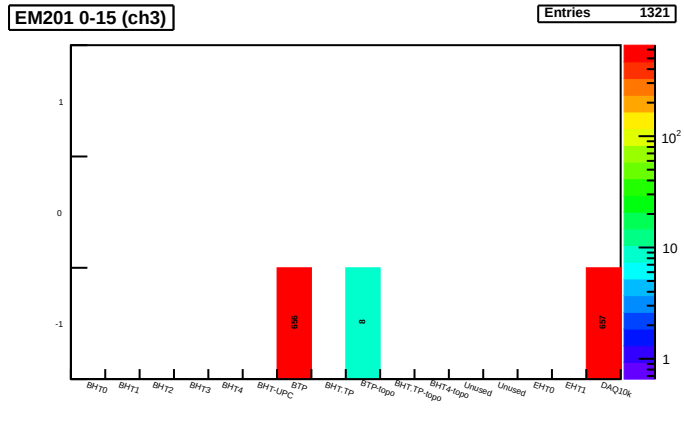

VT201 0-15 (ch1)
Entries 10512
1
657 656 657 657 657 657 657 657 657 657 657 657 657 657 657
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

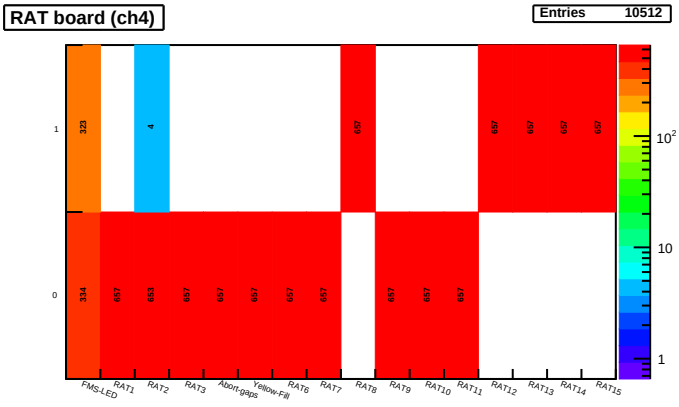

VT201 0-15 (ch1)
Entries 0
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

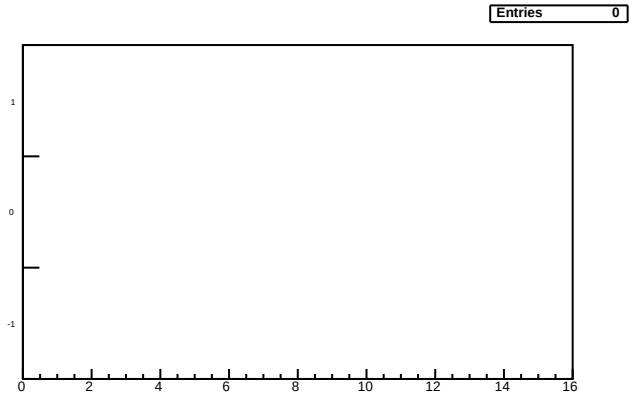

Unused (ch2)
Entries 10512
657 657 657 657 657 657 657 657 657 657 657 657 657 657 657

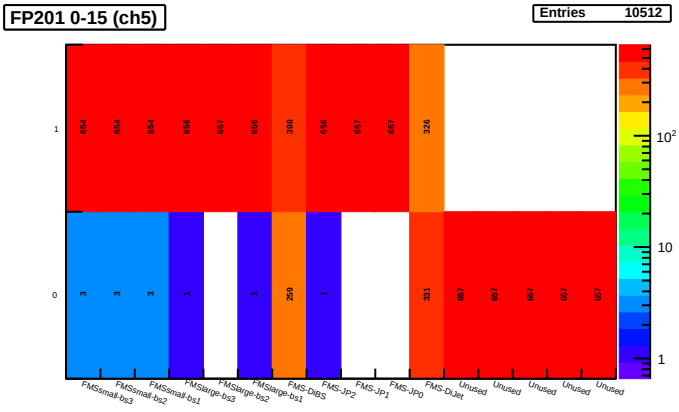

Entries 0

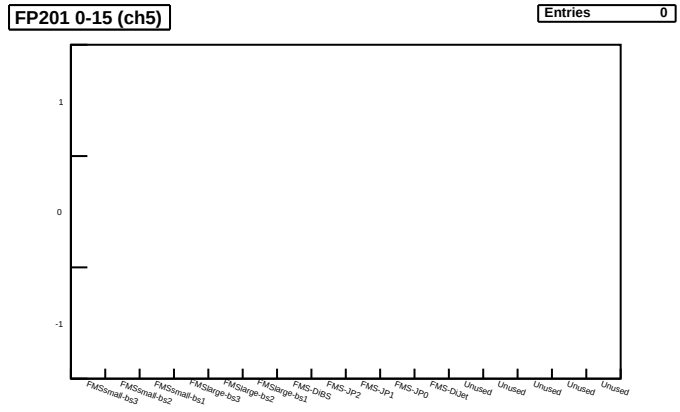

EM201 0-15 (ch3)
Entries 10512
657 657 657 657 657 657 657 657 657 657 657 657 657 657 657
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

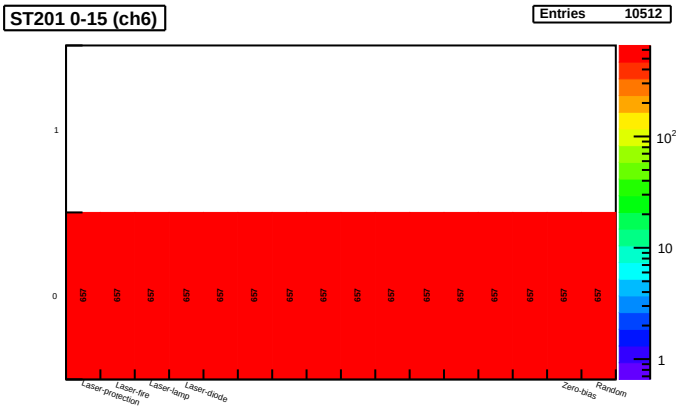

EM201 0-15 (ch3)
Entries 1321
656 8 657
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

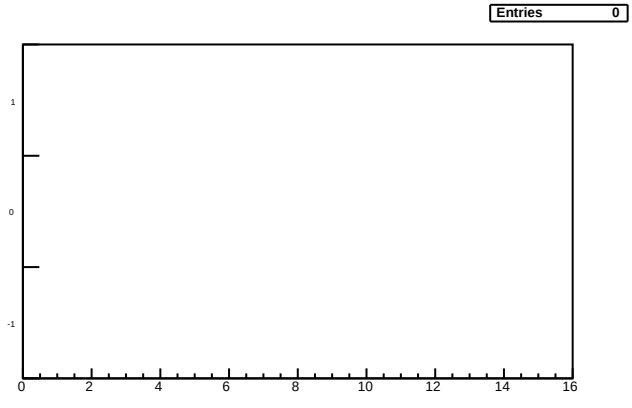

RAT board (ch4)
Entries 10512
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

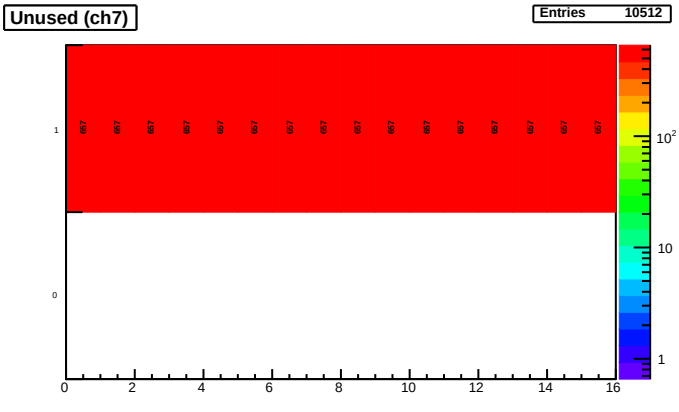

Entries 0

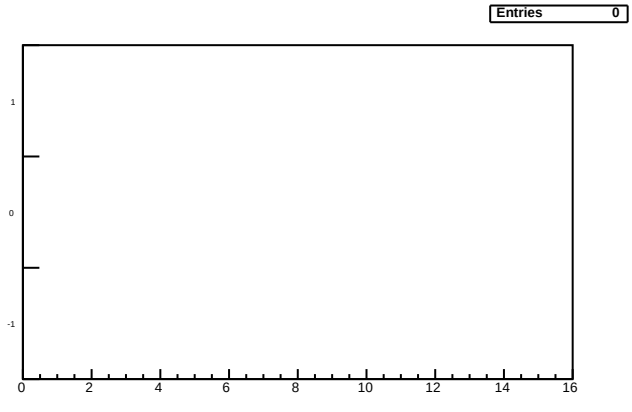

FP201 0-15 (ch5)
Entries 10512
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


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 10512
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 10512


Entries 0