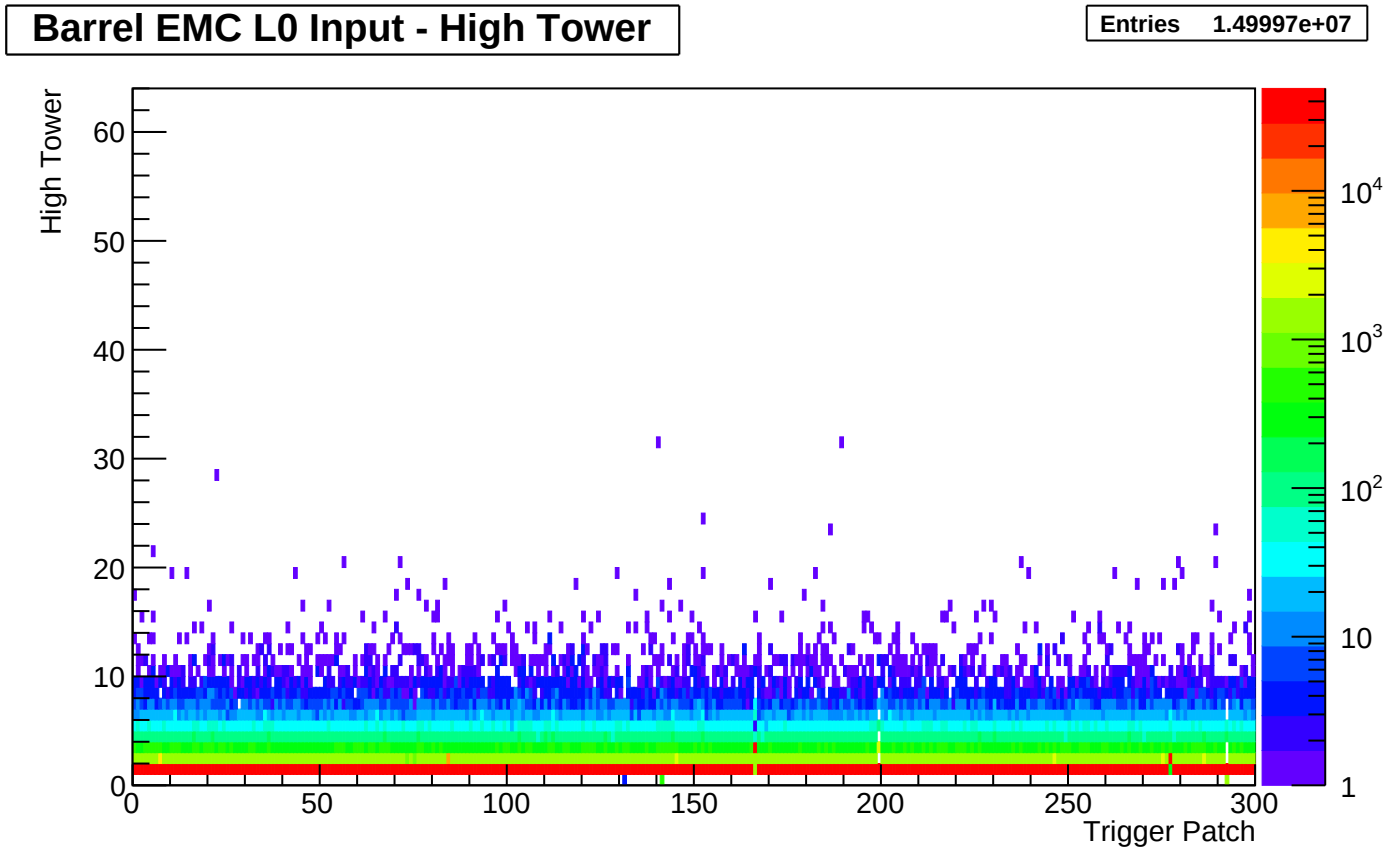
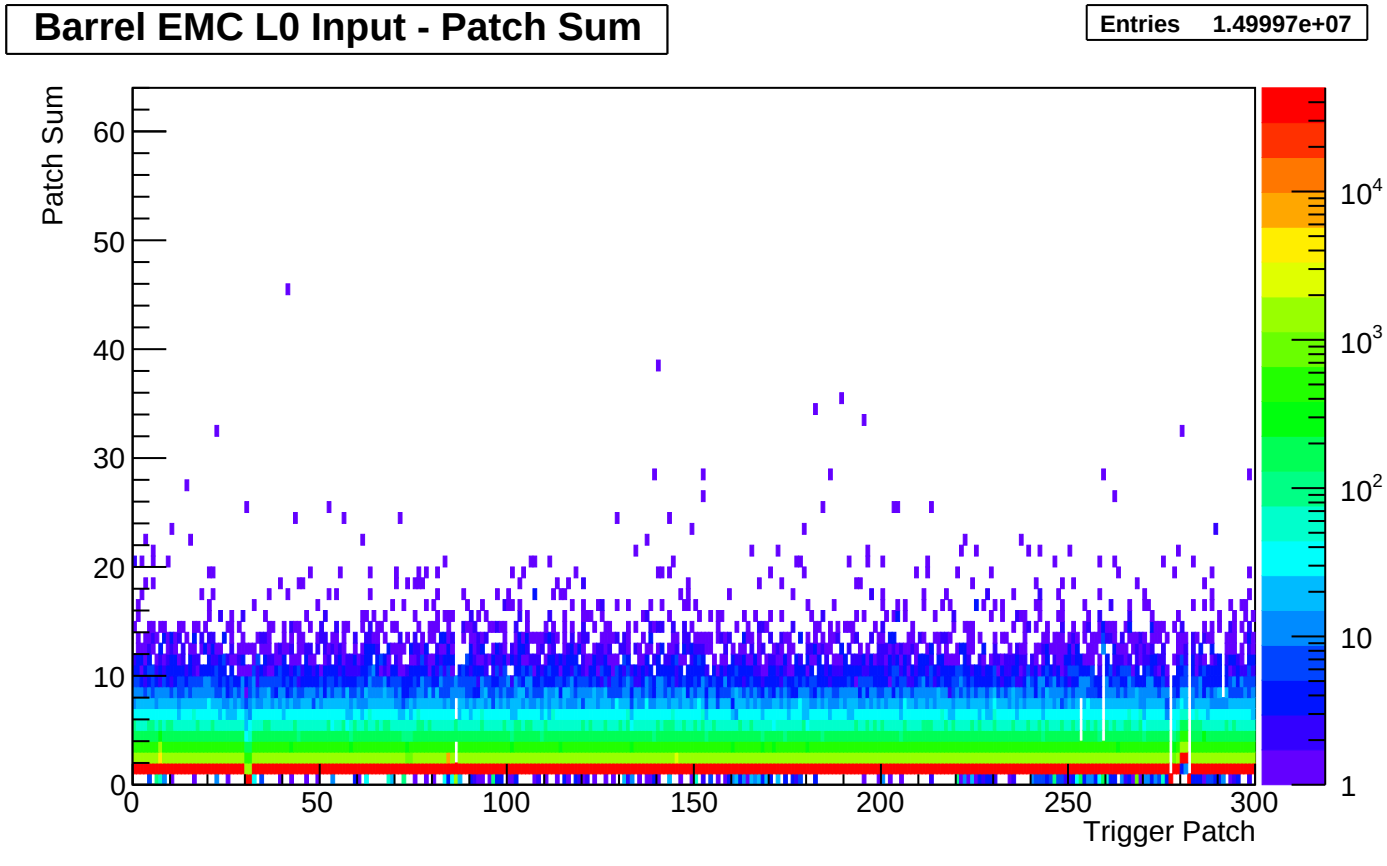
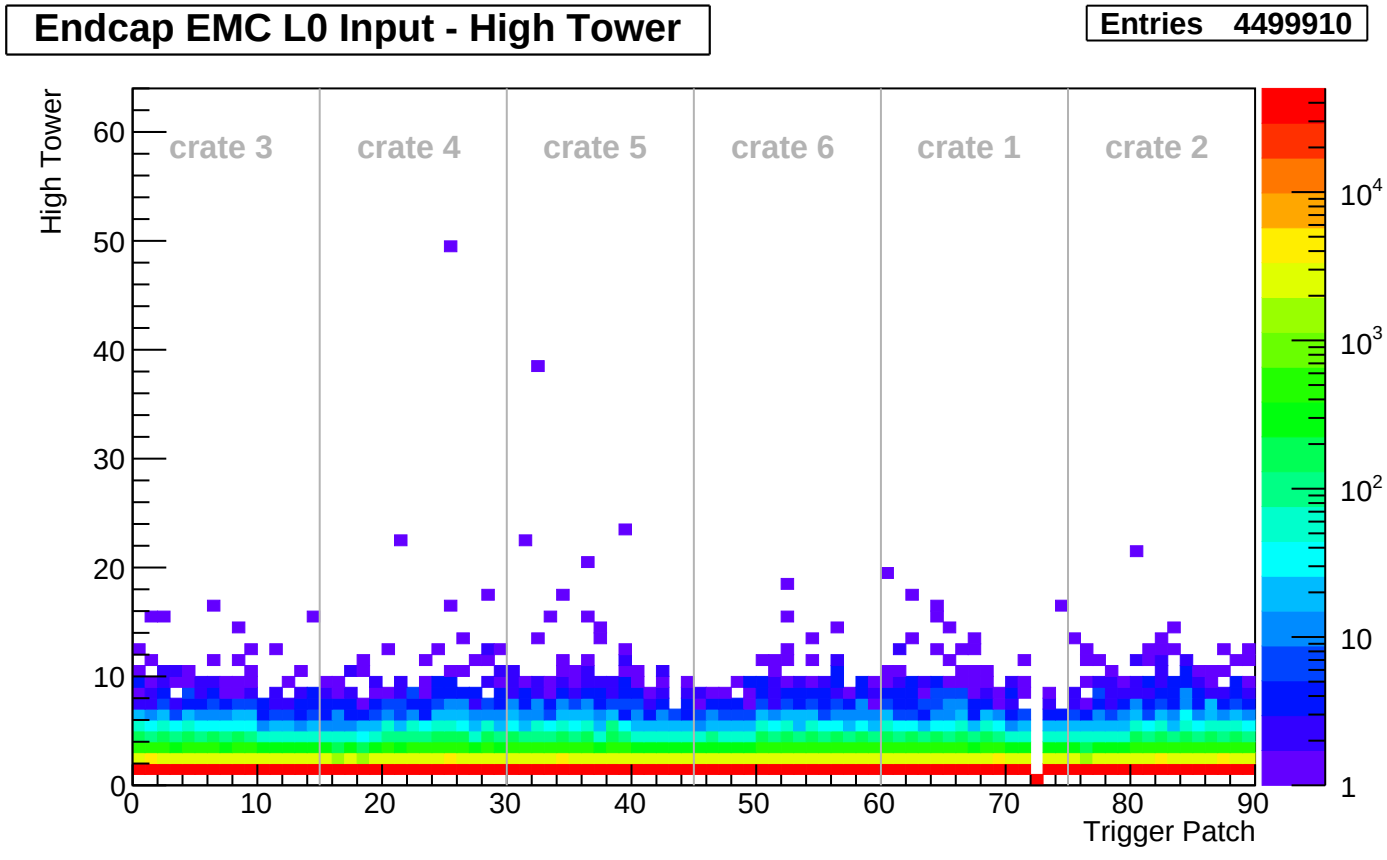
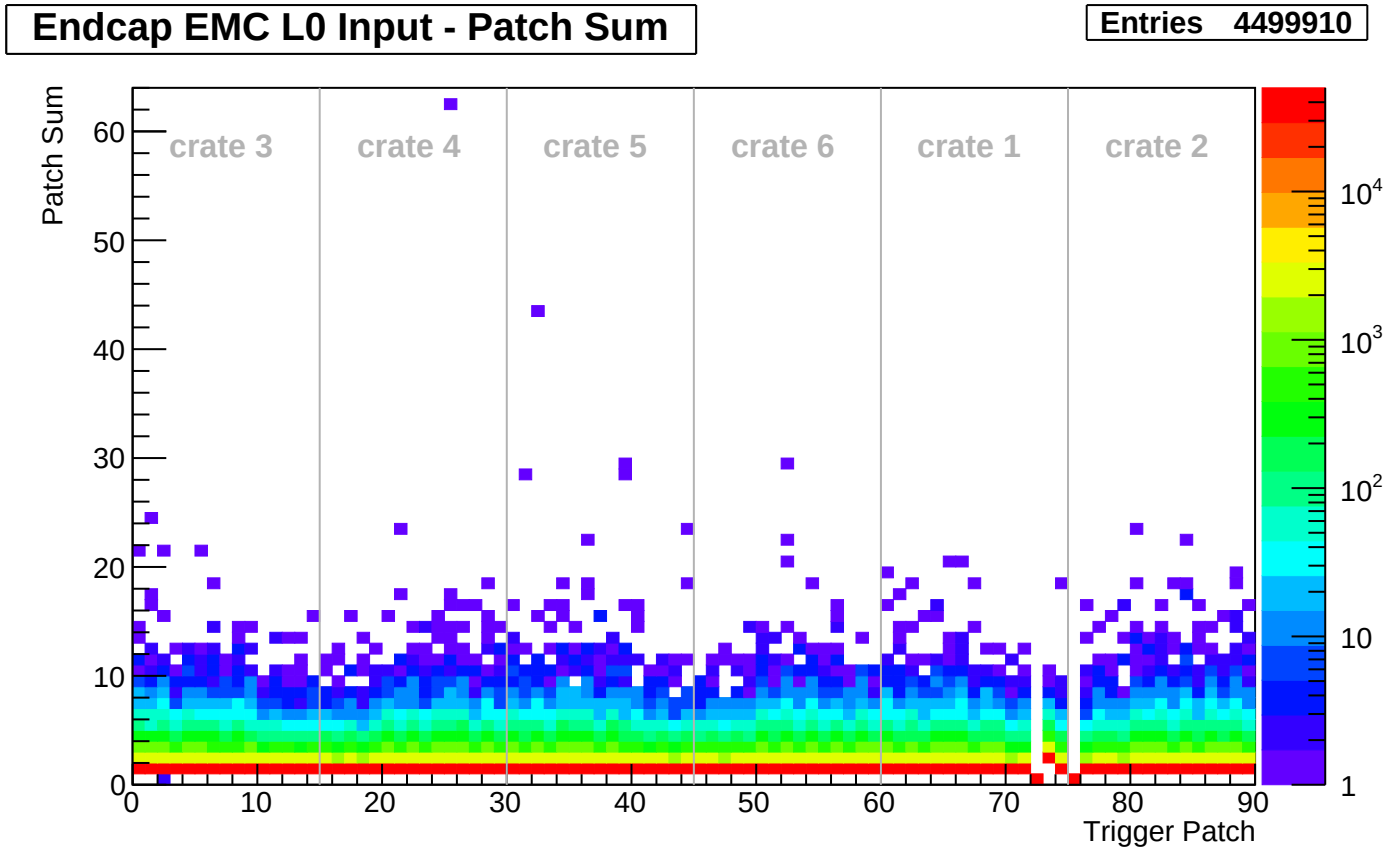
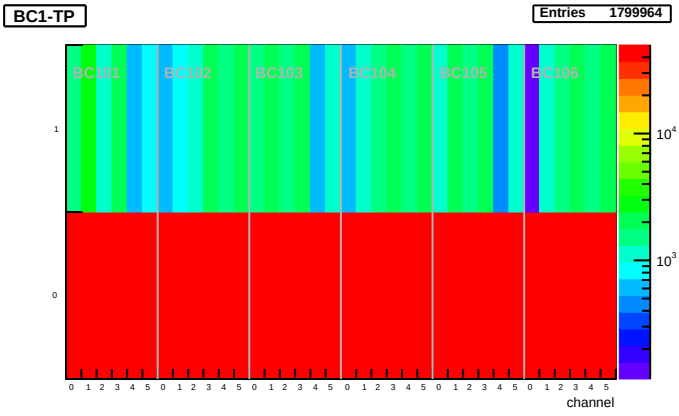
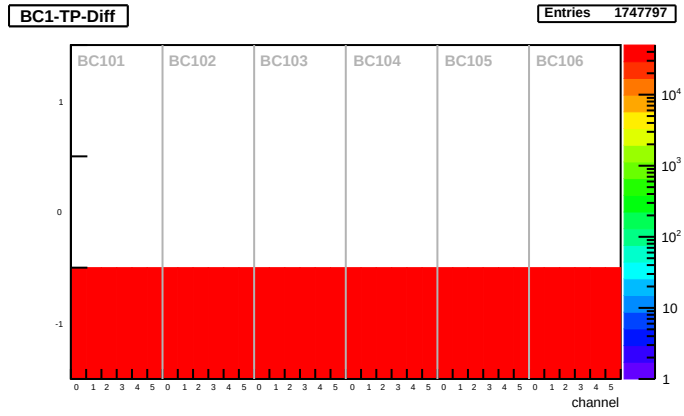

Barrel EMC L0 Input - High Tower
Entries 1.49997e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

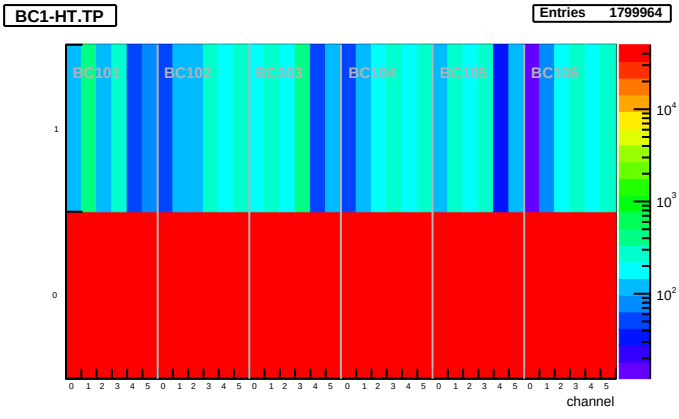

Barrel EMC L0 Input - Patch Sum
Entries 1.49997e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

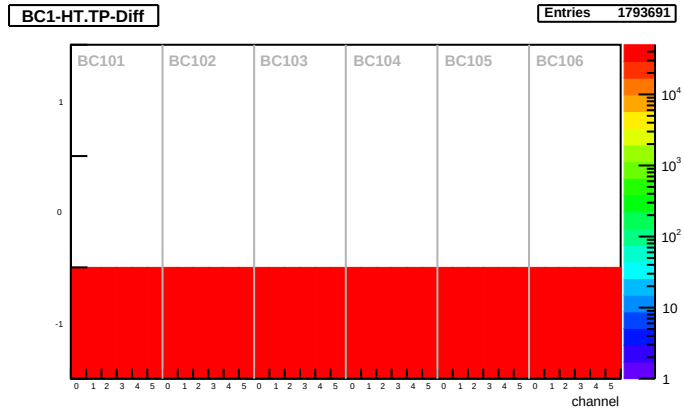

Endcap EMC L0 Input - High Tower
Entries 4499910
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

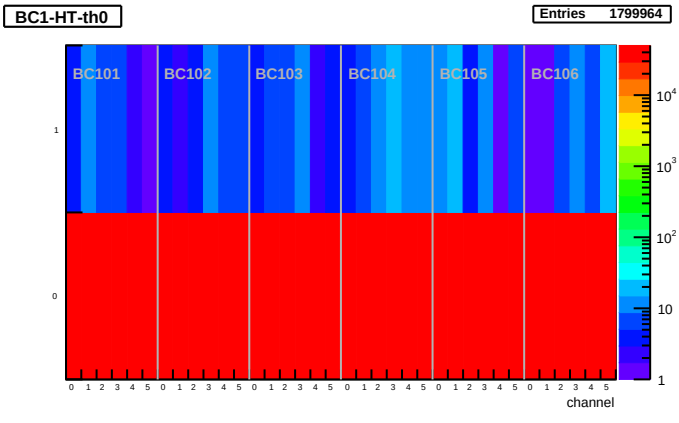

Endcap EMC L0 Input - Patch Sum
Entries 4499910
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

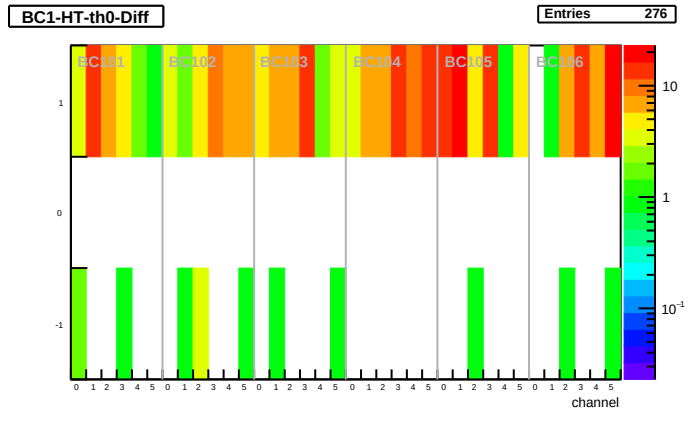

BC1-TP
Entries 1799964
BC101
BC102
BC103
BC104
BC105
BC106
channel

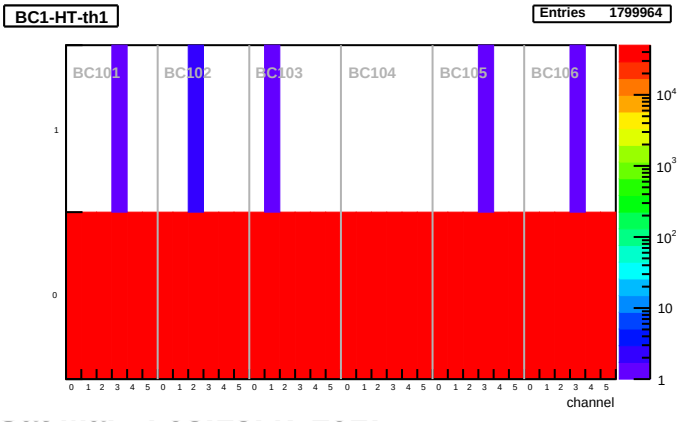

BC1-TP-Diff
Entries 1747797
BC101
BC102
BC103
BC104
BC105
BC106
channel

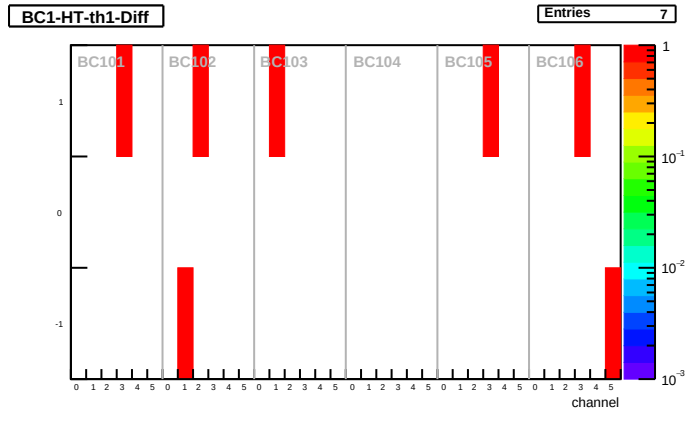

BC1-HT.TP
Entries 1799964
BC101
BC102
BC103
BC104
BC105
BC106
channel

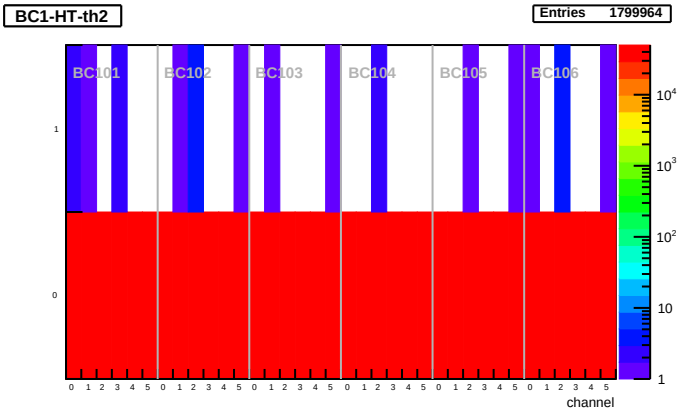

BC1-HT.TP-Diff
Entries 1793691
BC101
BC102
BC103
BC104
BC105
BC106
channel

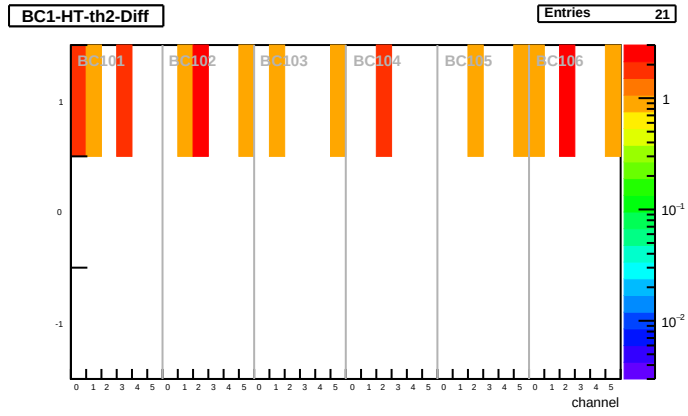

BC1-HT-th0
Entries 1799964
BC101
BC102
BC103
BC104
BC105
BC106
channel

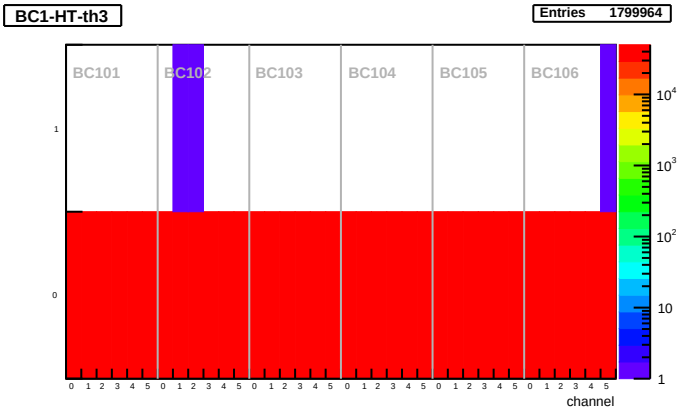

BC1-HT-th0-Diff
Entries 276
BC101
BC102
BC103
BC104
BC105
BC106
channel

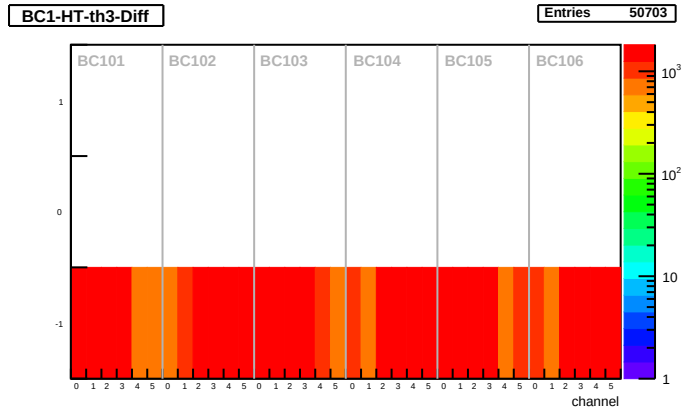

BC1-HT-th1
Entries 1799964
BC101
BC102
BC103
BC104
BC105
BC106
channel

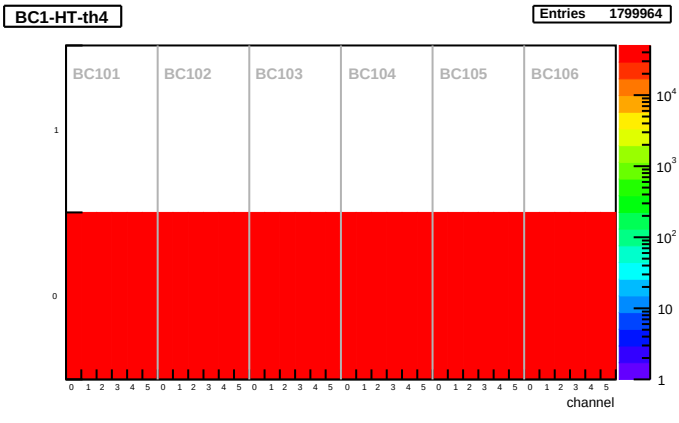

BC1-HT-th1-Diff
Entries 7
BC101
BC102
BC103
BC104
BC105
BC106
channel

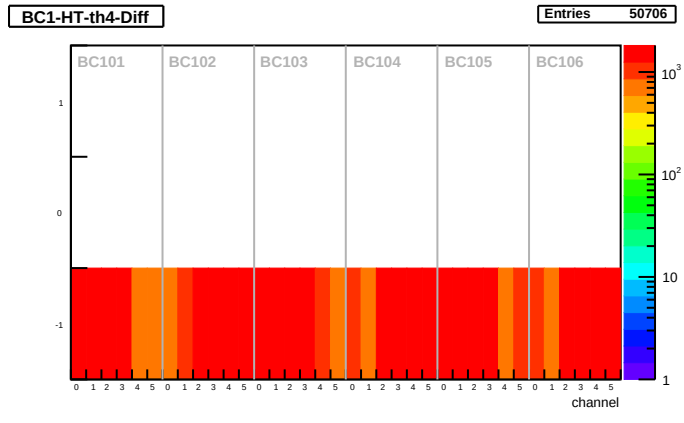

BC1-HT-th2
Entries 1799964
BC101
BC102
BC103
BC104
BC105
BC106
channel

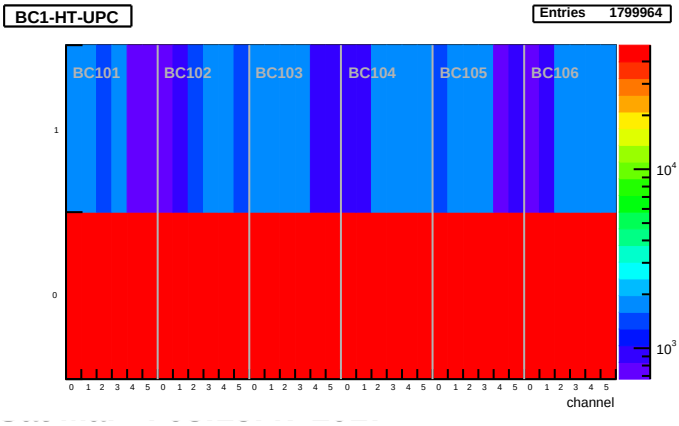

BC1-HT-th2-Diff
Entries 21
BC101
BC102
BC103
BC104
BC105
BC106
channel

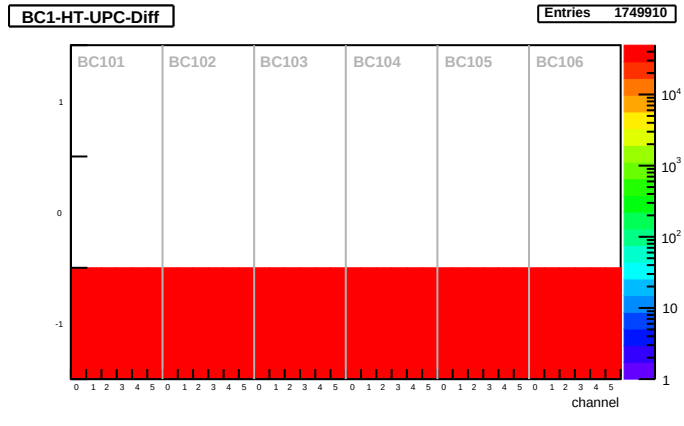

BC1-HT-th3
Entries 1799964
BC101
BC102
BC103
BC104
BC105
BC106
channel

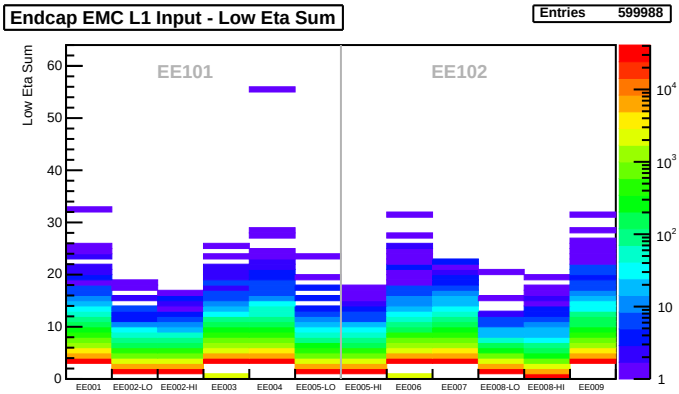

BC1-HT-th3-Diff
Entries 50703
BC101
BC102
BC103
BC104
BC105
BC106
channel

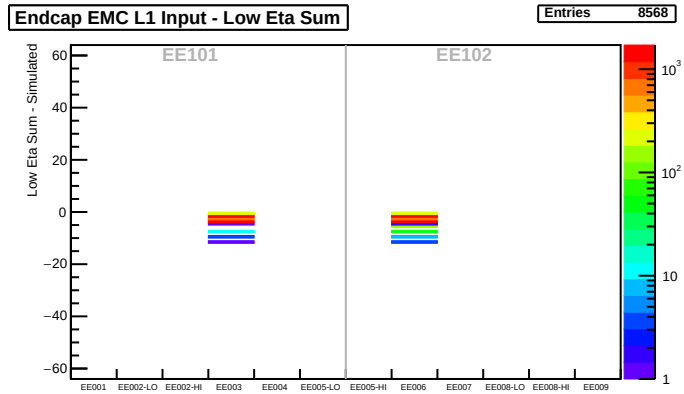

BC1-HT-th4
Entries 1799964
BC101
BC102
BC103
BC104
BC105
BC106
channel

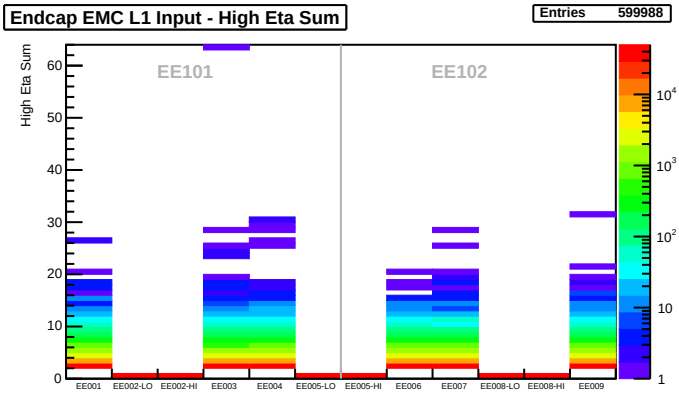

BC1-HT-th4-Diff
Entries 50706
BC101
BC102
BC103
BC104
BC105
BC106
channel

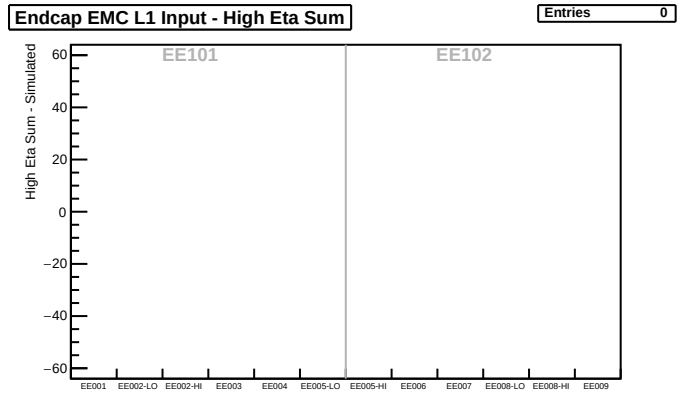

BC1-HT-UPC
Entries 1799964
BC101
BC102
BC103
BC104
BC105
BC106
channel

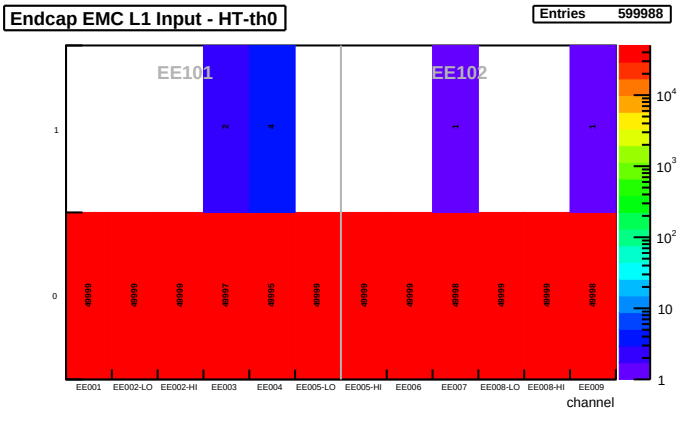

BC1-HT-UPC-Diff
Entries 1749910
BC101
BC102
BC103
BC104
BC105
BC106
channel

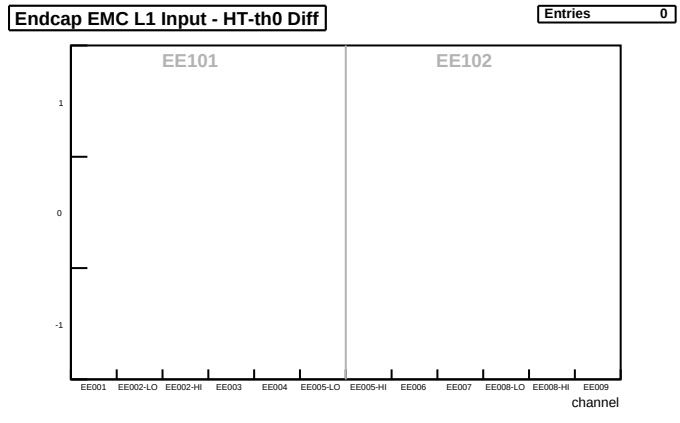

Endcap EMC L1 Input - Low Eta Sum
Entries 599988
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

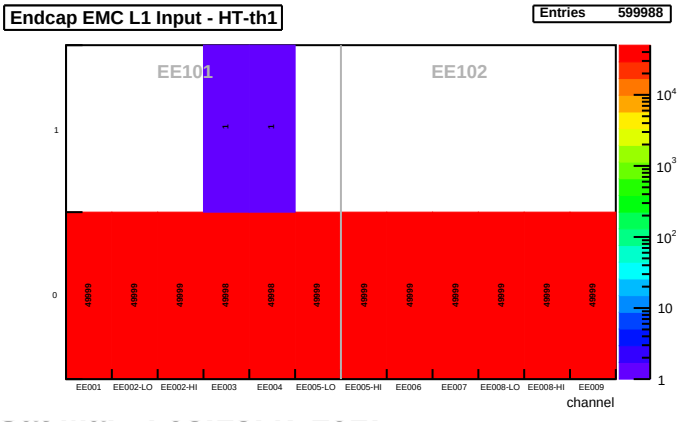

Endcap EMC L1 Input - Low Eta Sum
Entries 8568
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

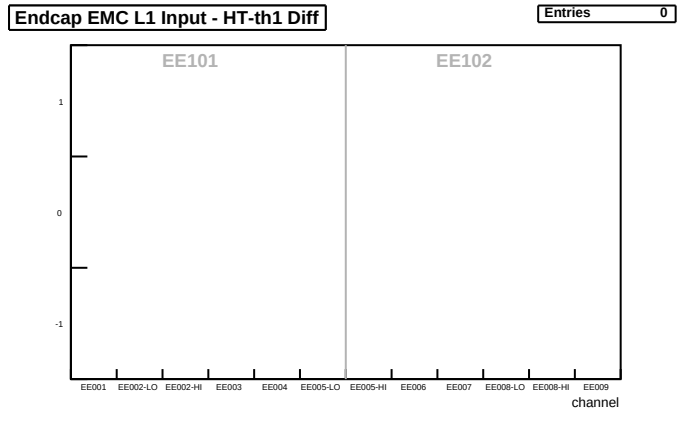

Endcap EMC L1 Input - High Eta Sum
Entries 599988
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

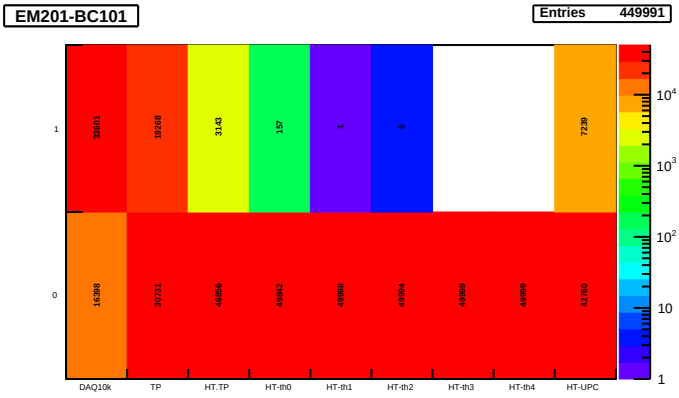

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

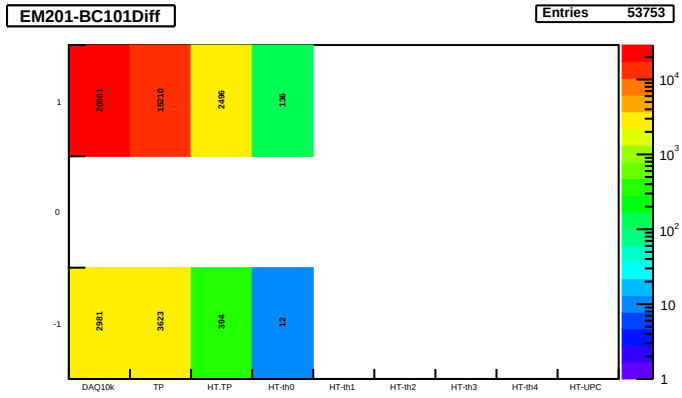

Endcap EMC L1 Input - HT-th0
Entries 599988
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

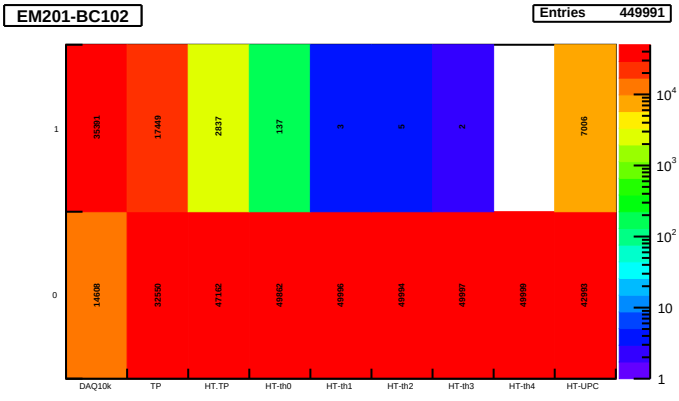

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

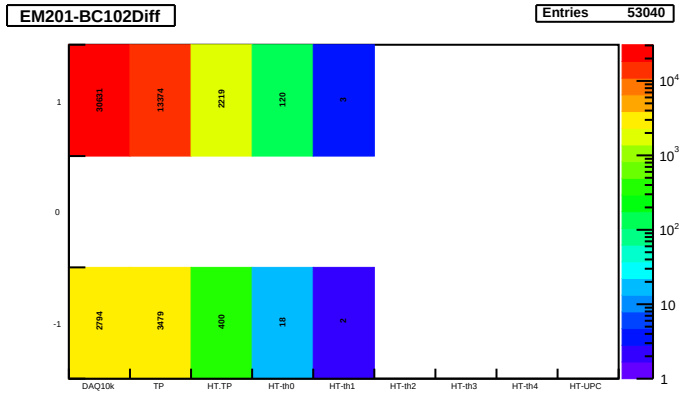

Endcap EMC L1 Input - HT-th1
Entries 599988
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

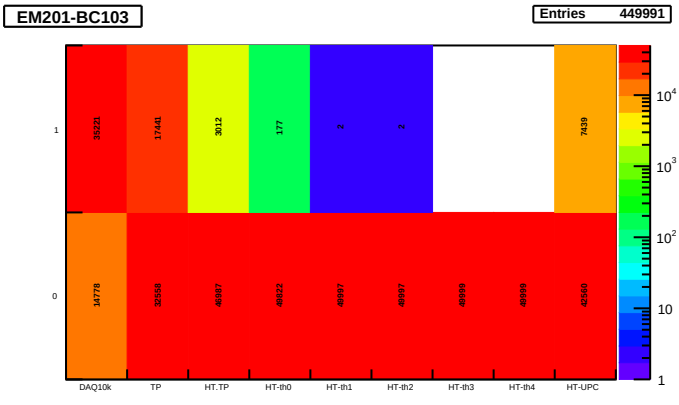

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

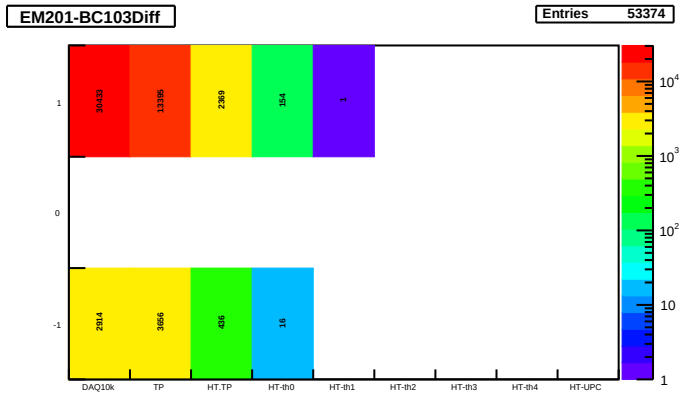

EM201-BC101
Entries 449991
1
0
35601
10268
3143
157
1
5
7239
16398
30731
46856
49842
49968
49984
49999
49999
42760
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

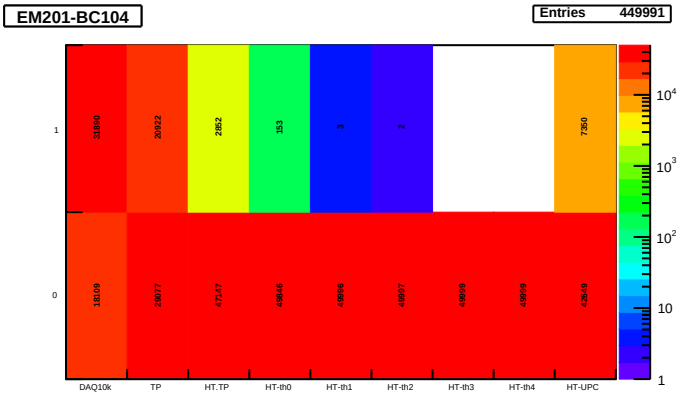

EM201-BC101Diff
Entries 53753
1
0
-1
28801
15210
2496
136
2981
3623
394
12
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

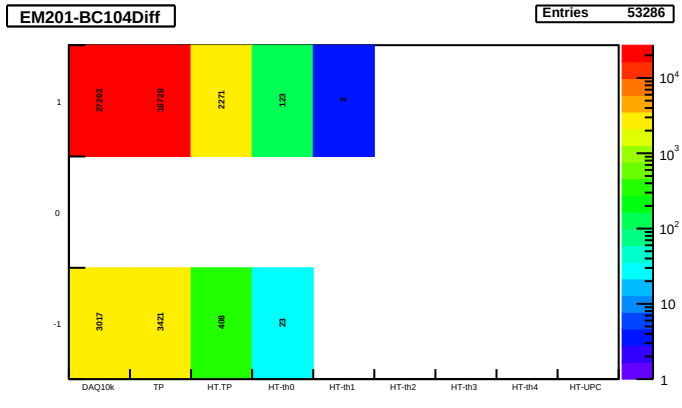

EM201-BC102
Entries 449991
1
0
35391
17449
2837
137
3
5
2
7006
14608
32550
47162
49862
49996
49994
49997
49999
42993
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC102Diff
Entries 53040
1
0
-1
30631
13374
2219
120
3
2794
3479
400
18
2
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

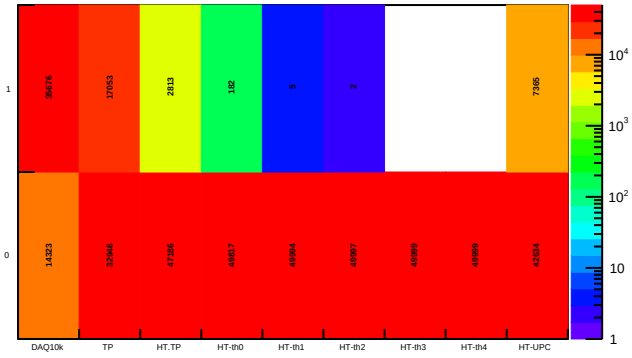

EM201-BC103
Entries 449991
1
0
35221
17441
3012
177
2
2
7439
14778
32558
46987
49822
49997
49997
49999
49999
42560
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC103Diff
Entries 53374
1
0
-1
30433
13395
2389
154
1
2914
3656
436
16
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

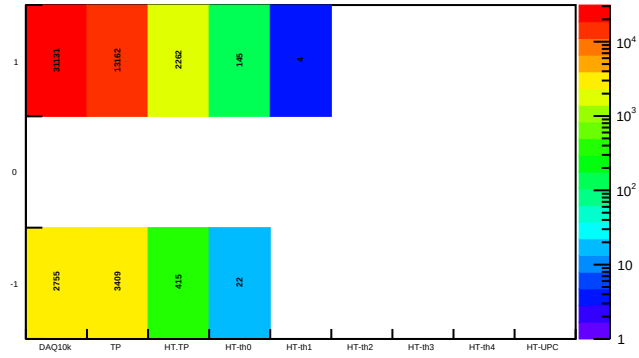

EM201-BC104
Entries 449991
1
0
31690
20922
2852
153
3
2
7350
18109
29077
47147
48846
49996
49997
49999
49999
42549
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC104Diff
Entries 53286
1
0
-1
27292
16728
2271
123
3
3037
3421
488
23
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

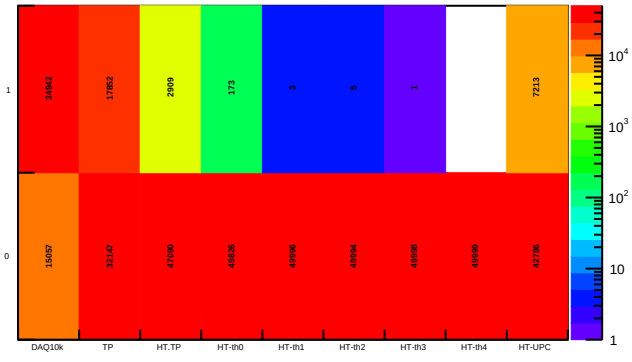
EM201-BC105 Entries 449991



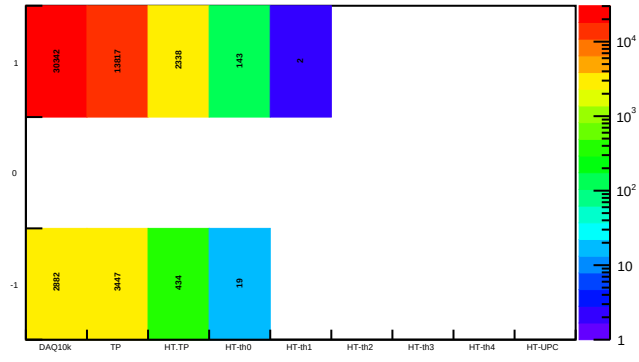
EM201-BC105Diff Entries 53305



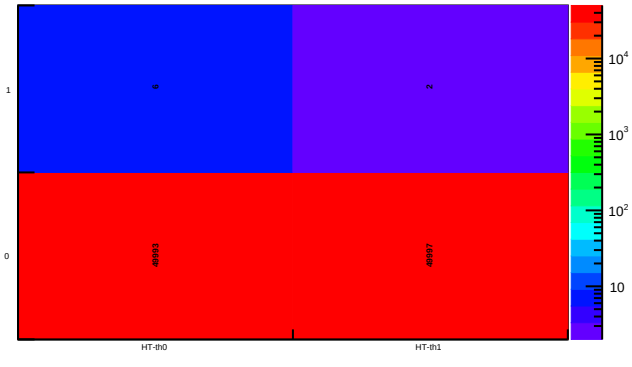
EM201-BC106 Entries 449991



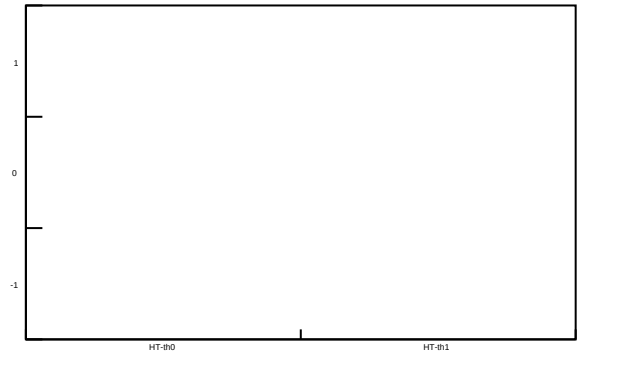
EM201-BC106Diff Entries 53424



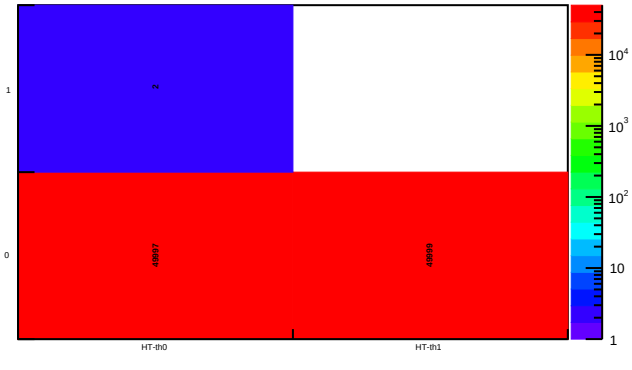
EM201-EE101 Entries 99998



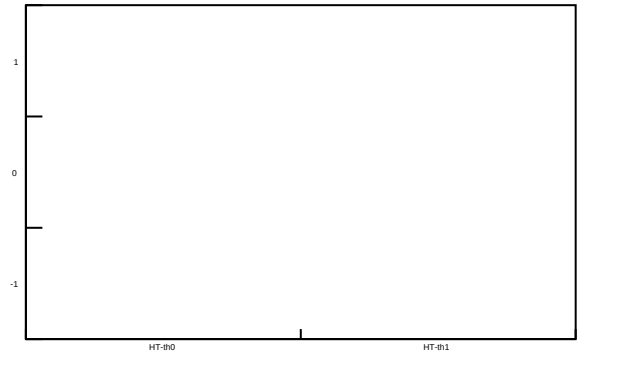
EM201-EE101Diff Entries 0

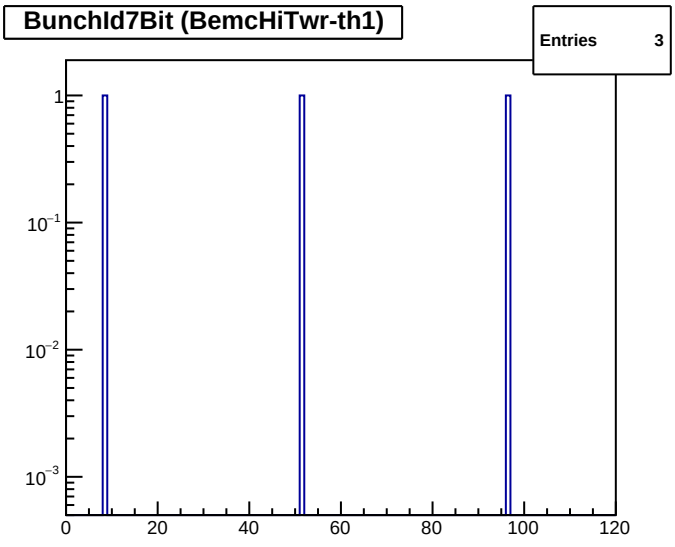


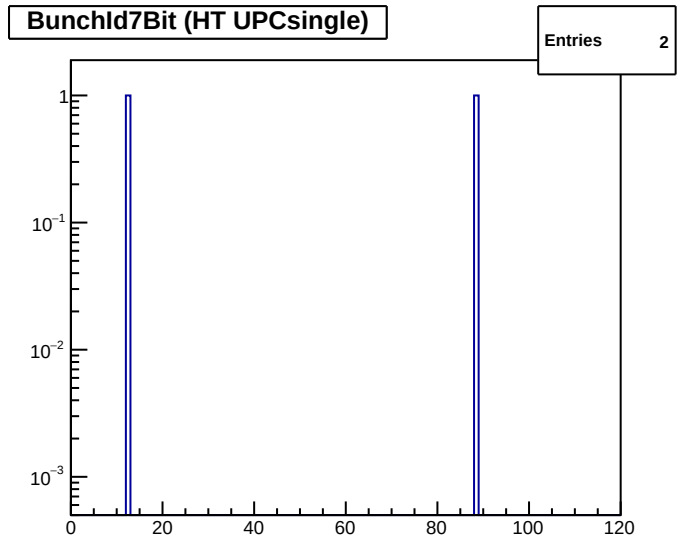
EM201-EE102 Entries 99998

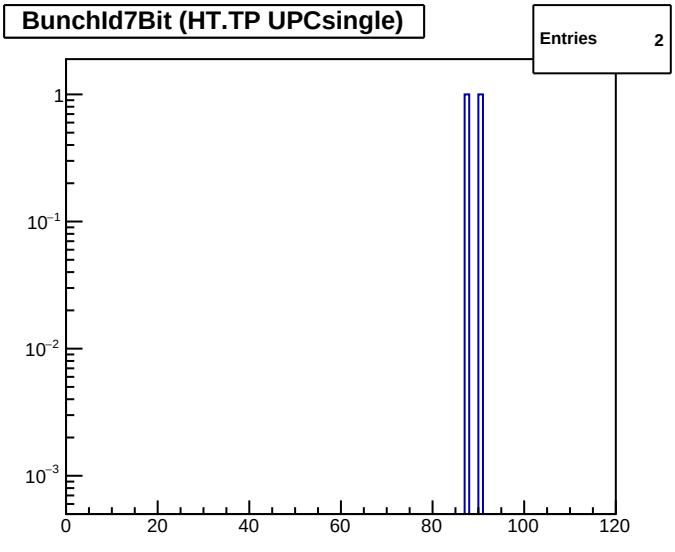


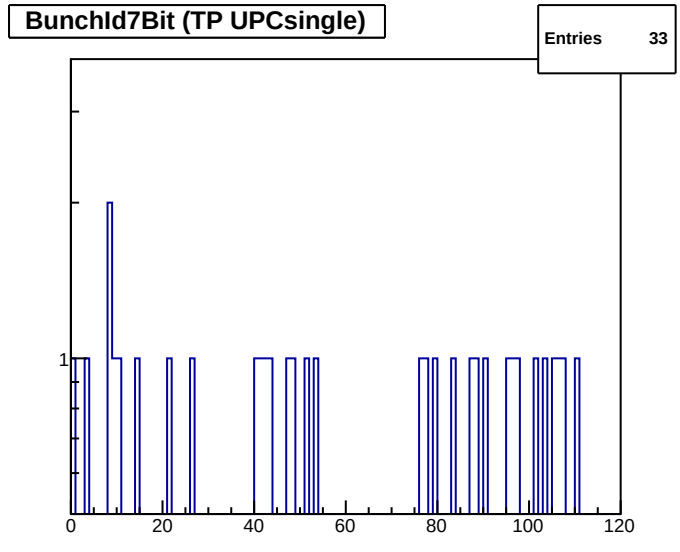
EM201-EE102Diff Entries 0

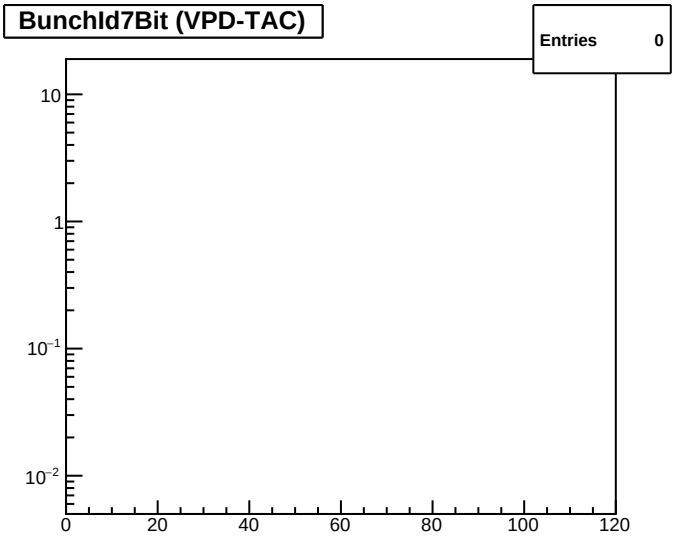


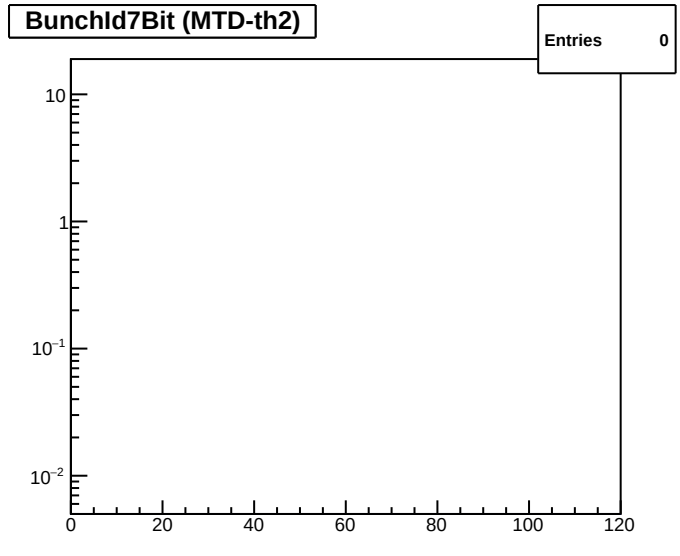

BunchId7Bit (BemcHiTwr-th1)
Entries 3

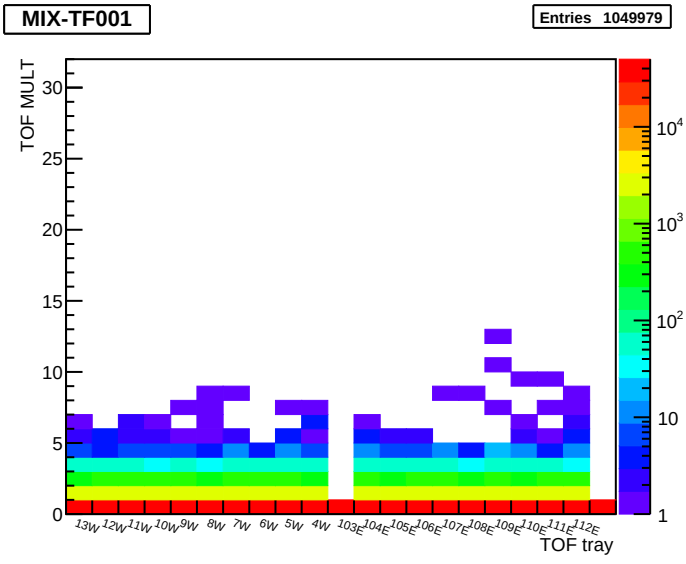

BunchId7Bit (HT UPCsingle)
Entries 2

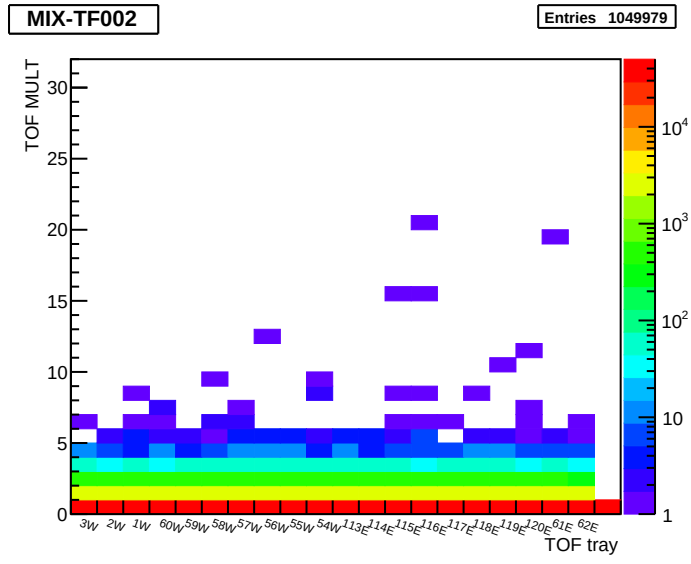

BunchId7Bit (HT.TP UPCsingle)
Entries 2

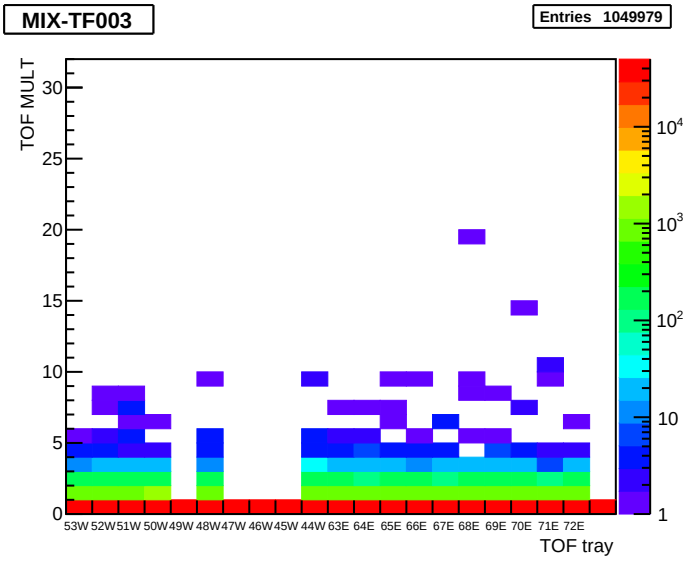

BunchId7Bit (TP UPCsingle)
Entries 33

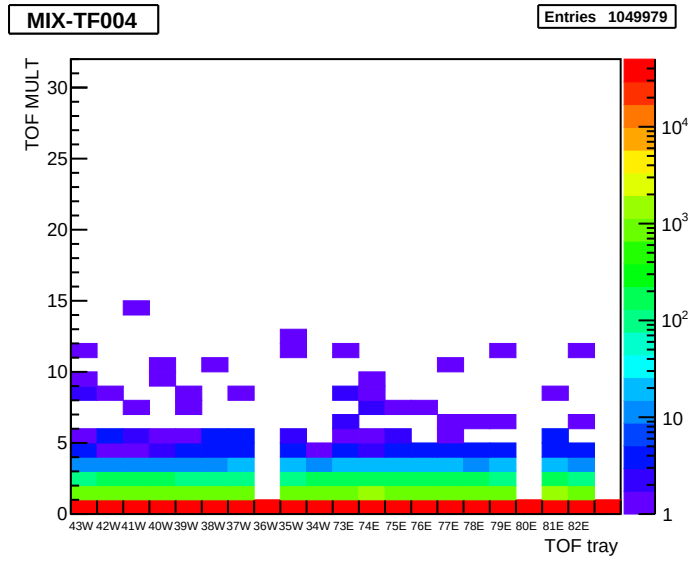

BunchId7Bit (VPD-TAC)
Entries 0

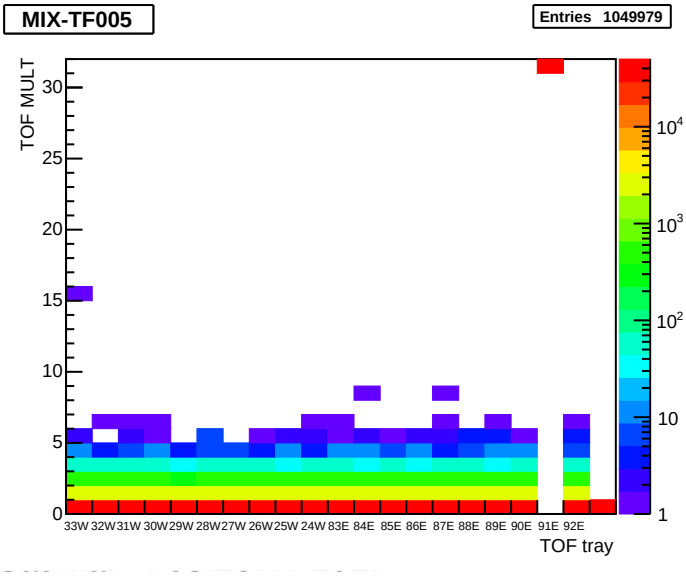

BunchId7Bit (MTD-th2)
Entries 0

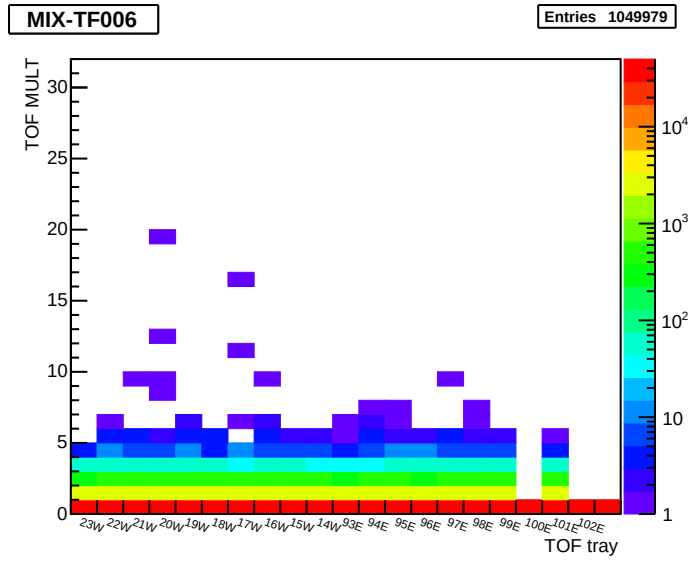

MIX-TF001
Entries 1049979
TOF MULT
TOF tray

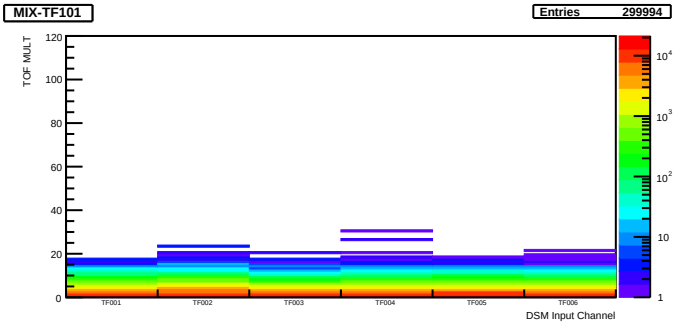

MIX-TF002
Entries 1049979
TOF MULT
TOF tray

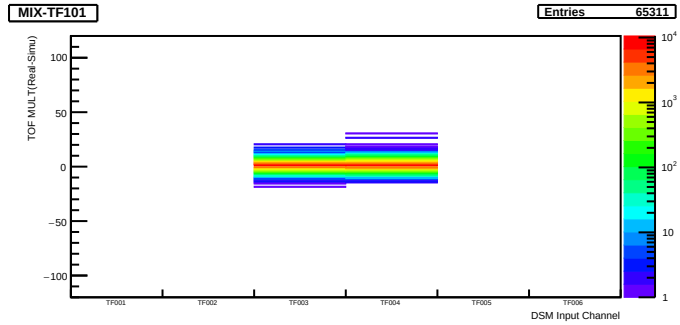

MIX-TF003
Entries 1049979
TOF MULT
TOF tray

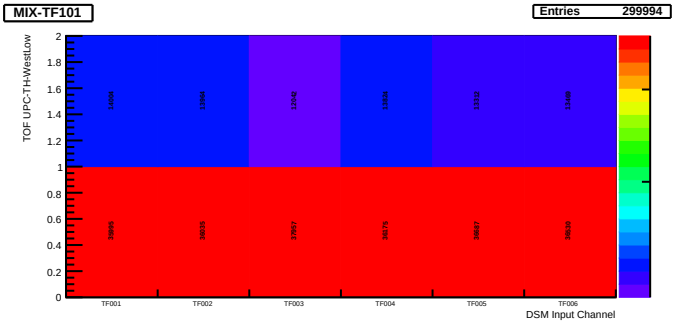

MIX-TF004
Entries 1049979
TOF MULT
TOF tray

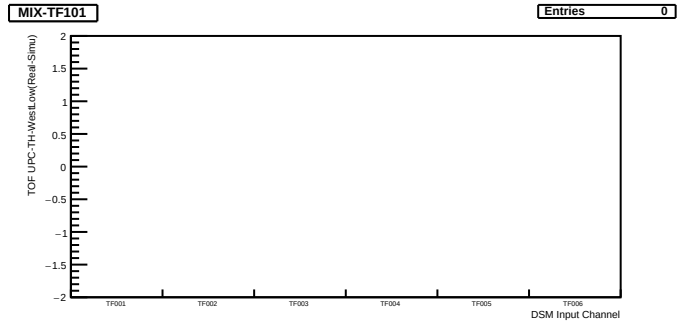

MIX-TF005
Entries 1049979
TOF MULT
TOF tray

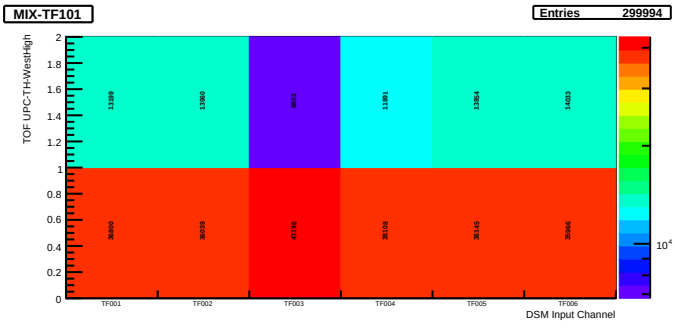

MIX-TF006
Entries 1049979
TOF MULT
TOF tray

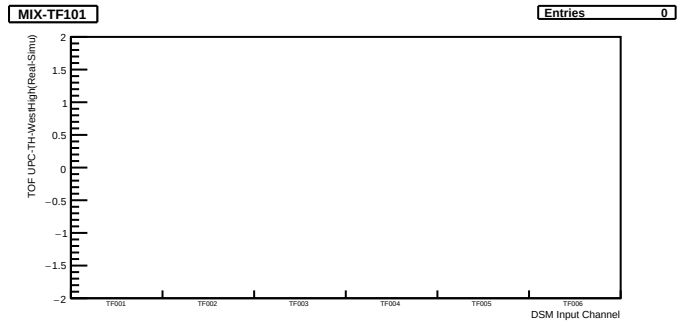

MIX-TF101
Entries 299994
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

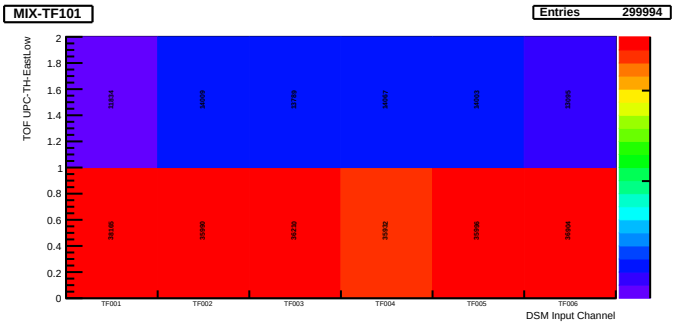

MIX-TF101
Entries 65311
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

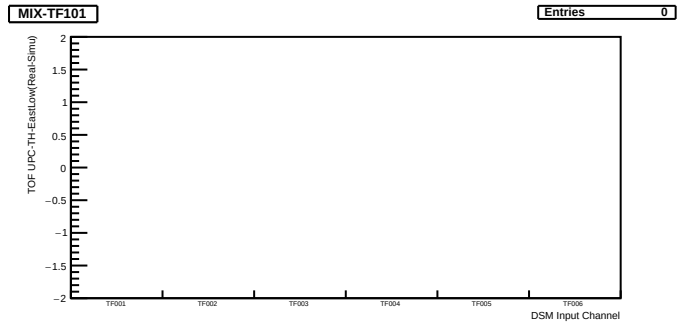

MIX-TF101
Entries 299994
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

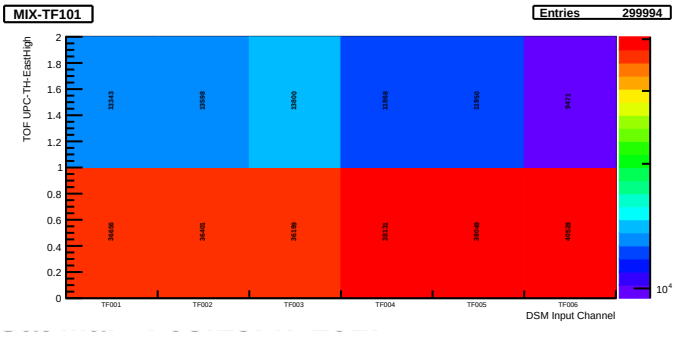

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

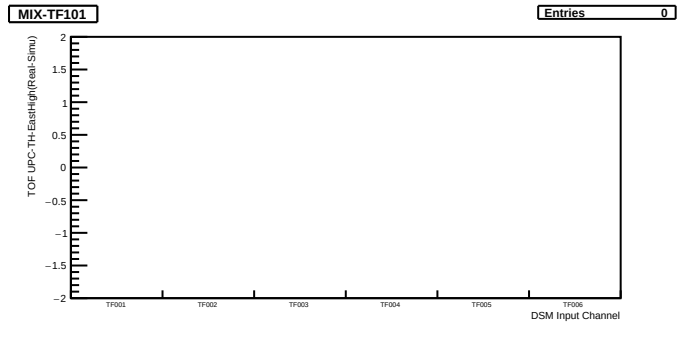

MIX-TF101
Entries 299994
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

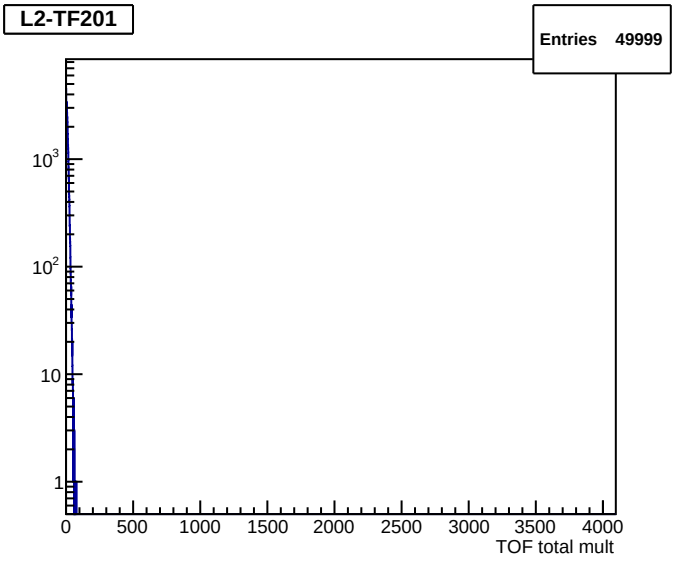

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

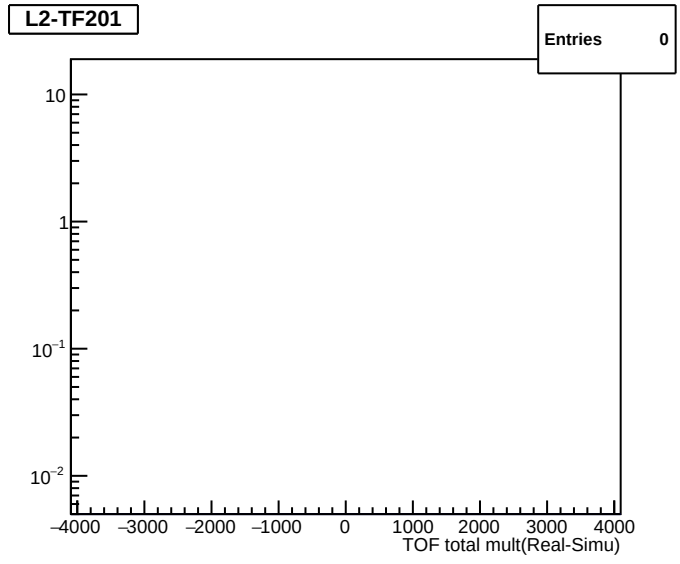

MIX-TF101
Entries 299994
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

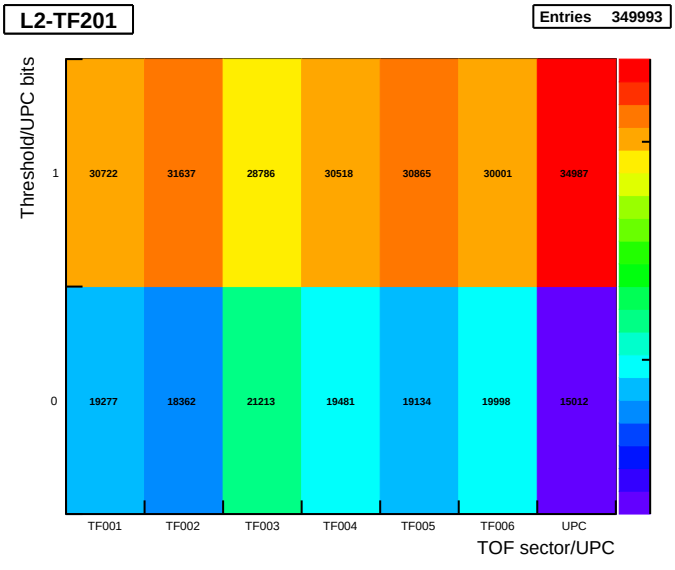

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

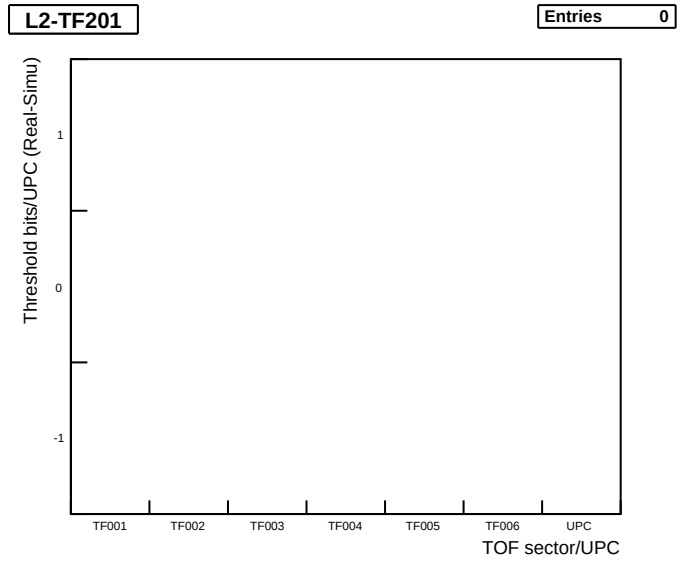

MIX-TF101
Entries 299994
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

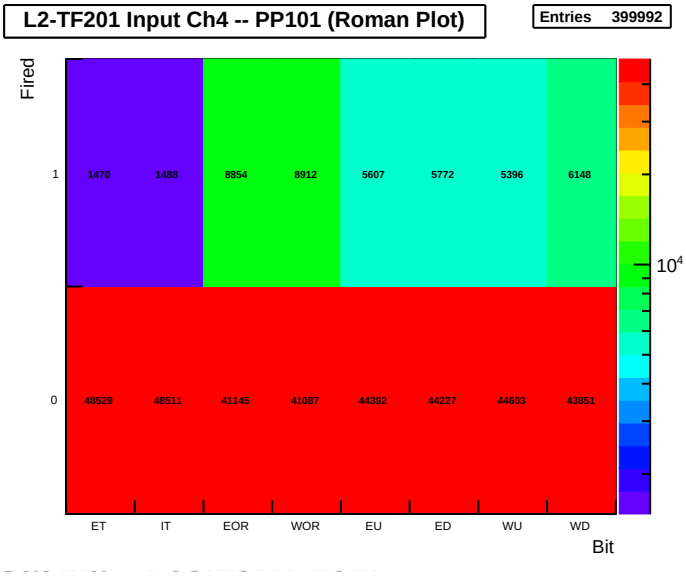

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

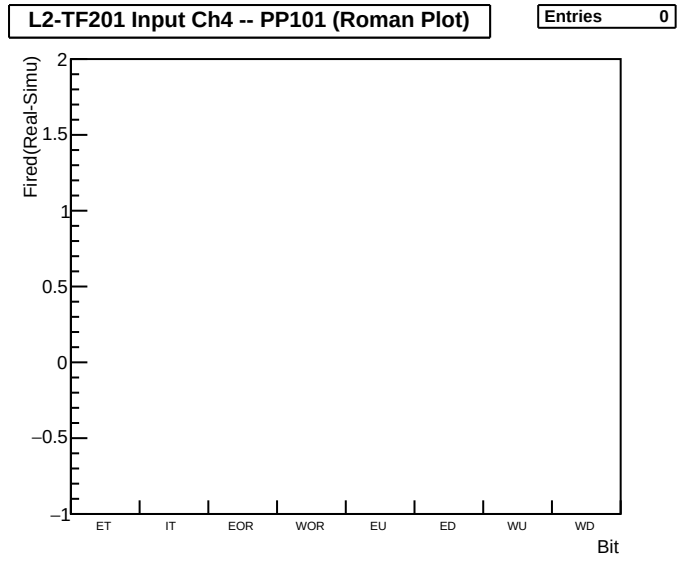

L2-TF201
Entries 49999
TOF total mult

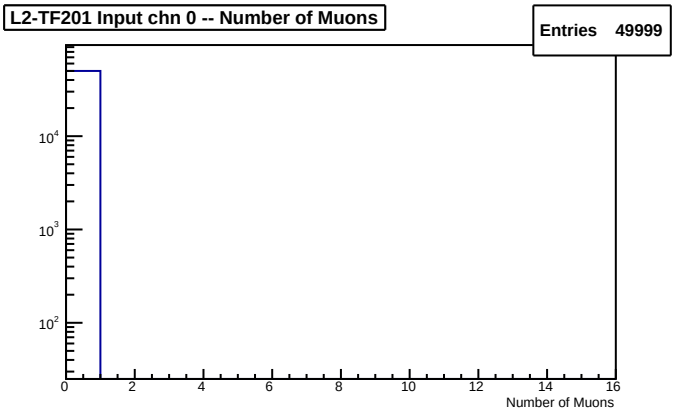

L2-TF201
Entries 0
TOF total mult(Real-Simu)

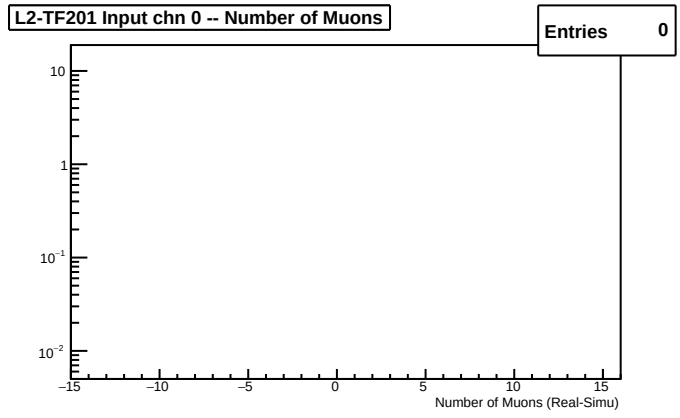

L2-TF201
Entries 349993
Threshold/UPC bits
30722 31637 28786 30518 30865 30001 34987
19277 18362 21213 19481 19134 19998 15012
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

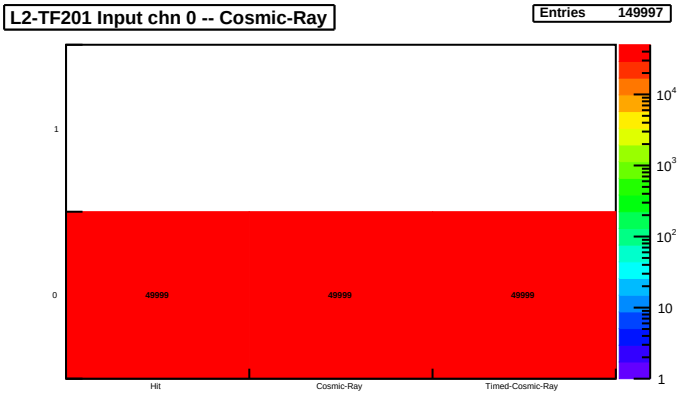

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

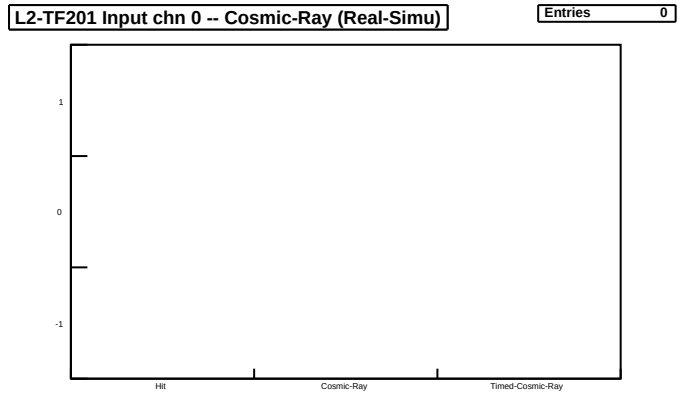

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 399992
Fired
1470 1488 8854 8912 5607 5772 5396 6148
48529 48511 41145 41087 44392 44227 44603 43851
ET IT EOR WOR EU ED WU WD
Bit

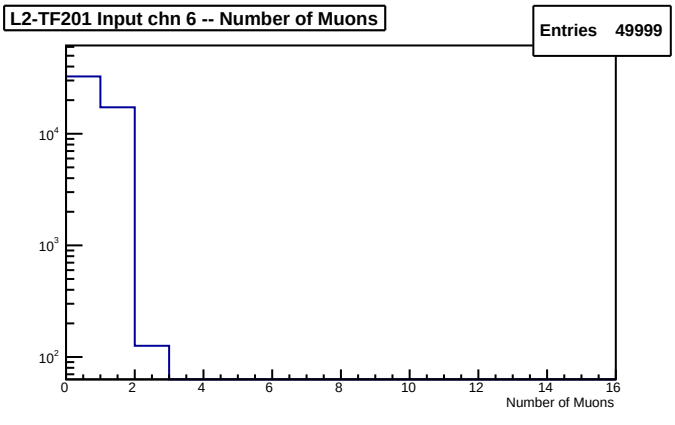

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

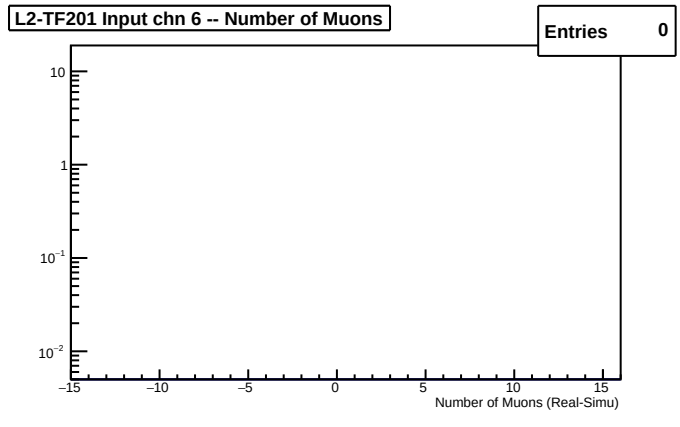

L2-TF201 Input chn 0 -- Number of Muons
Entries 49999
Number of Muons

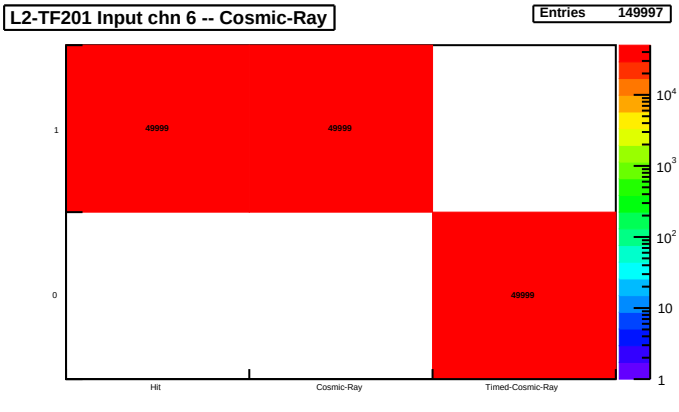

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

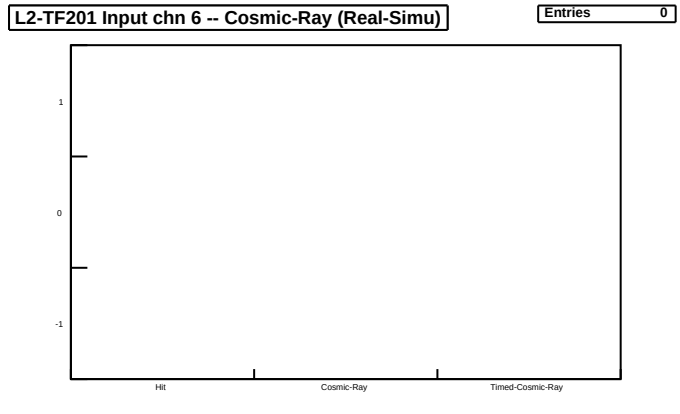

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 149997
49999
49999
49999
Hit
Cosmic-Ray
Timed-Cosmic-Ray

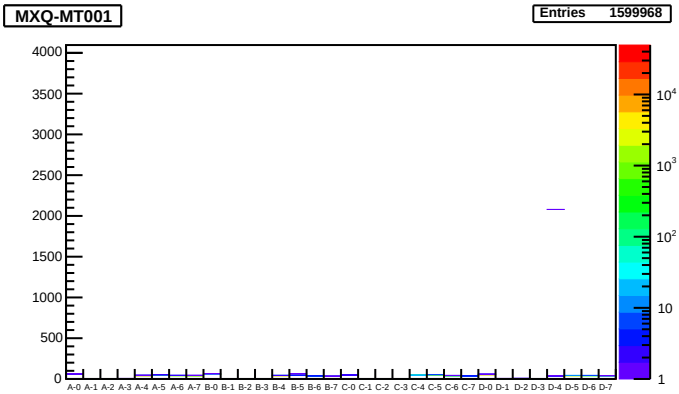

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

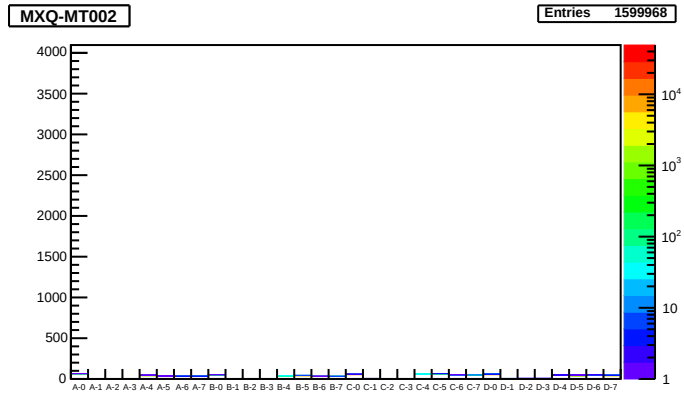

L2-TF201 Input chn 6 -- Number of Muons
Entries 49999
Number of Muons

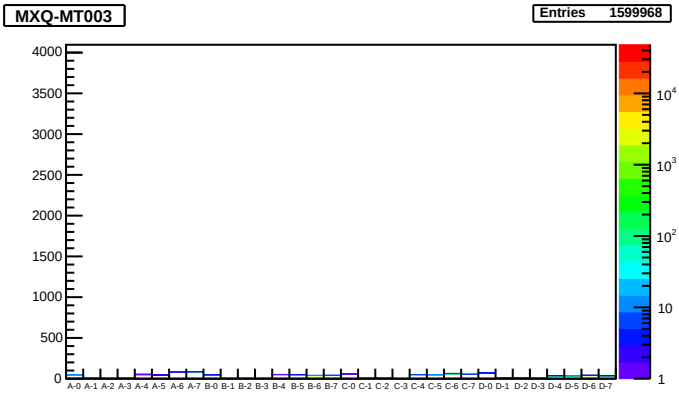

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

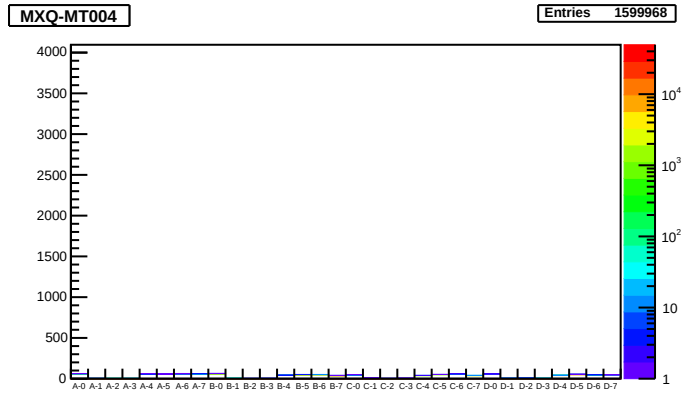

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 149997
49999
49999
49999
Hit
Cosmic-Ray
Timed-Cosmic-Ray

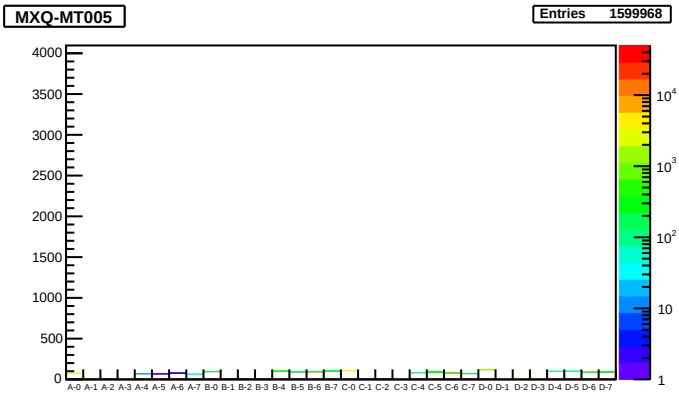

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

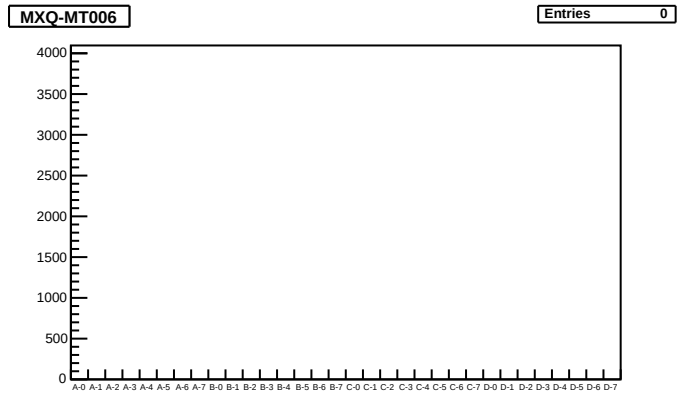

MXQ-MT001
Entries 1599968

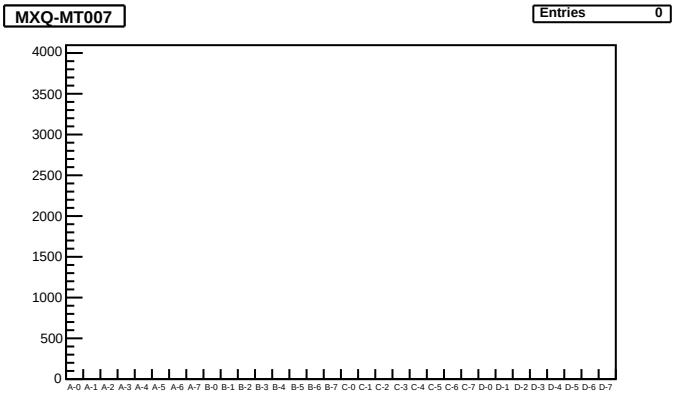

MXQ-MT002
Entries 1599968

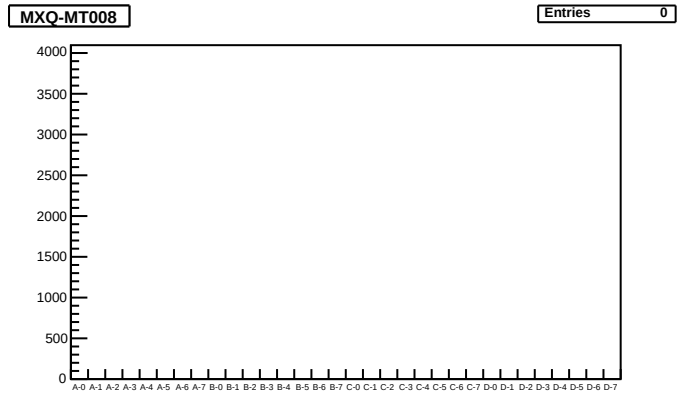

MXQ-MT003
Entries 1599968

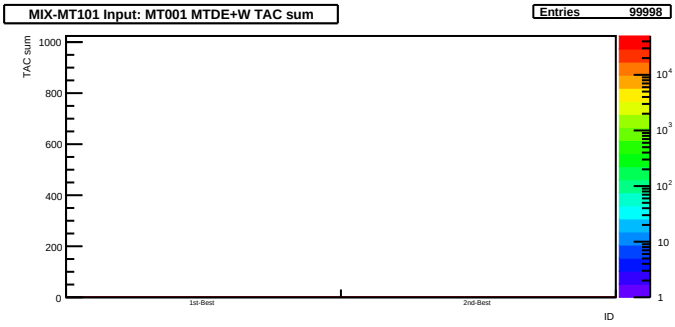

MXQ-MT004
Entries 1599968

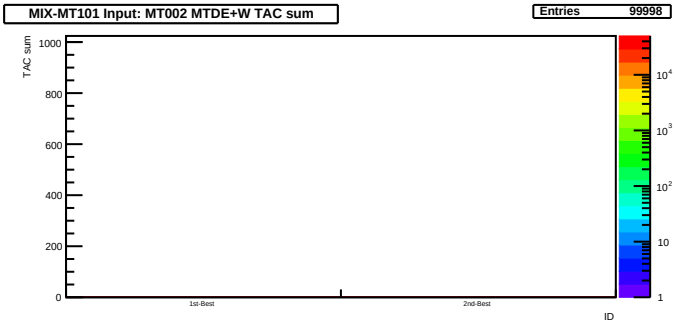

MXQ-MT005
Entries 1599968

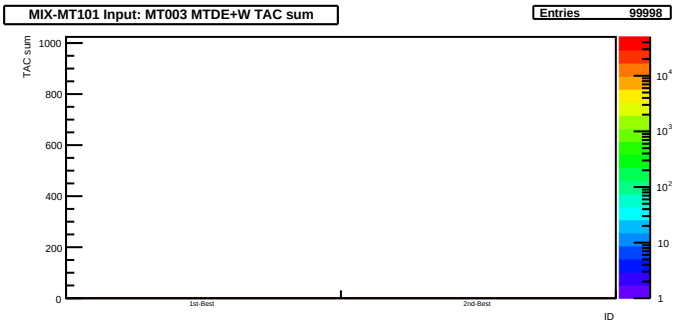

MXQ-MT006
Entries 0

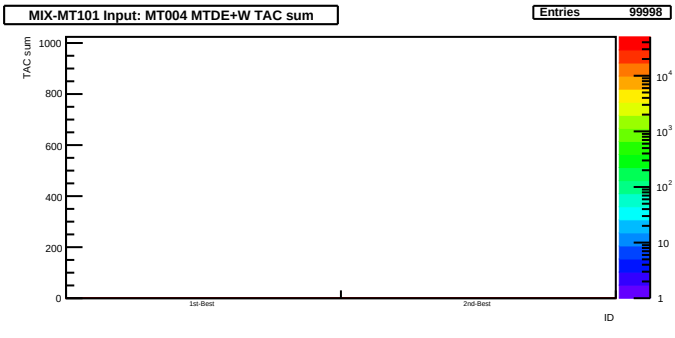

MXQ-MT007
Entries 0

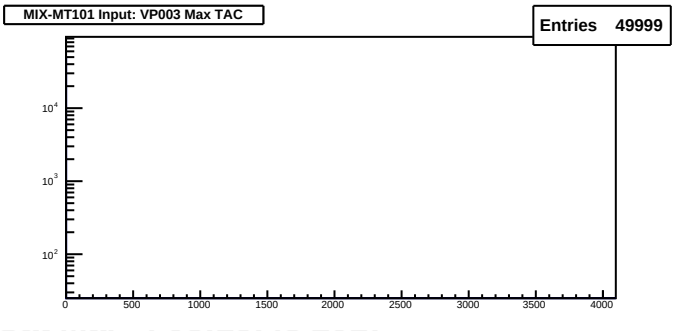

MXQ-MT008
Entries 0

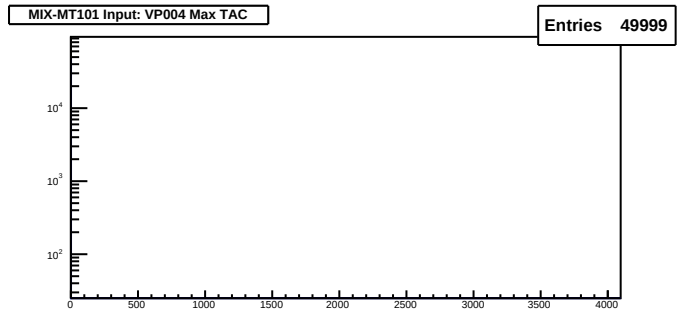

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 99998
TAC sum
1st-Best
2nd-Best
ID

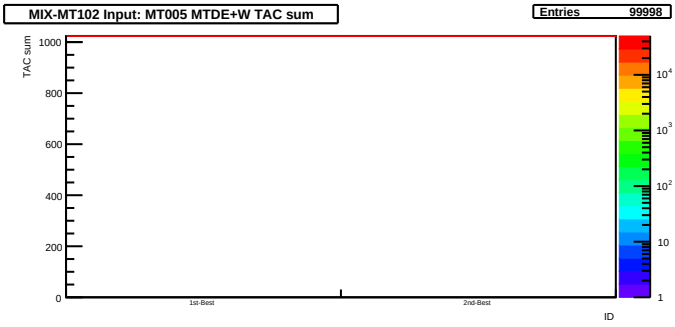

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 99998
TAC sum
1st-Best
2nd-Best
ID

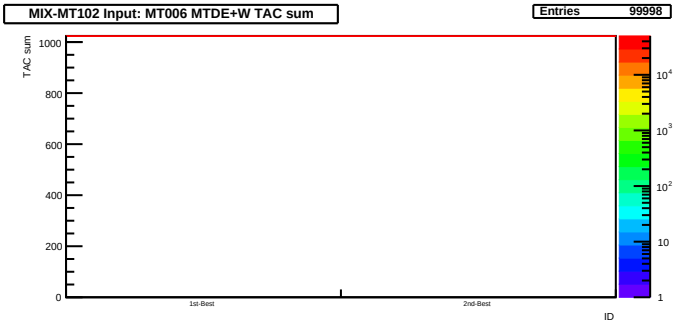

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 99998
TAC sum
1st-Best
2nd-Best
ID

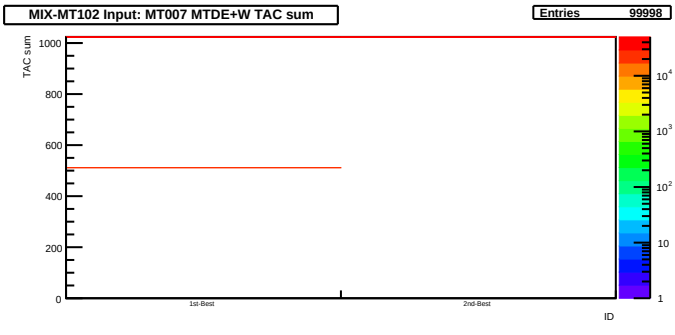

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 99998
TAC sum
1st-Best
2nd-Best
ID

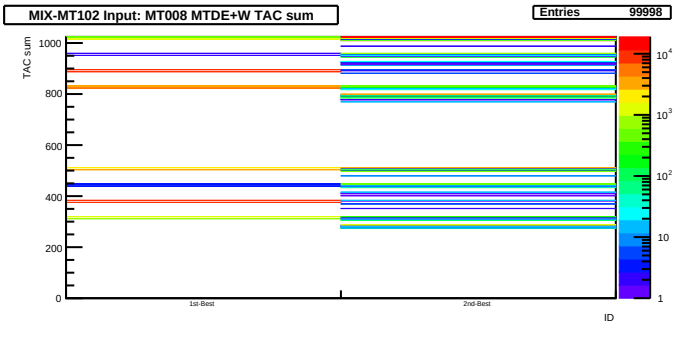

MIX-MT101 Input: VP003 Max TAC
Entries 49999

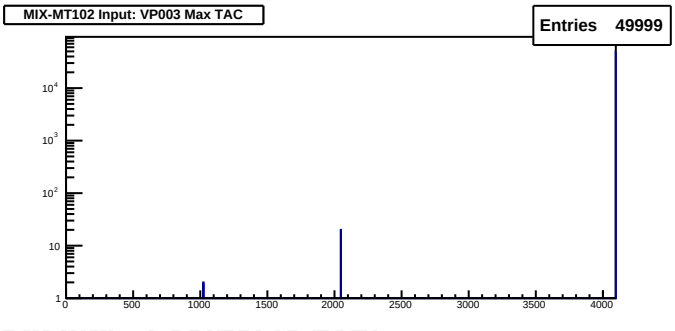

MIX-MT101 Input: VP004 Max TAC
Entries 49999

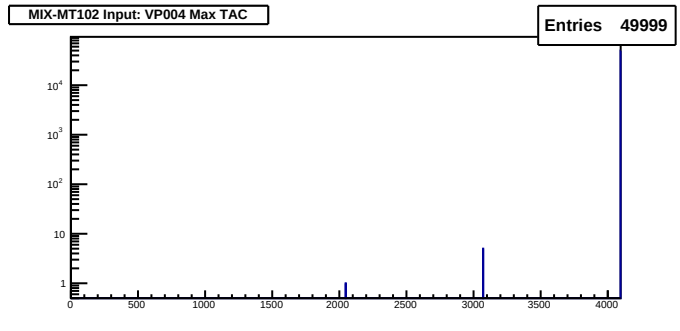

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 99998
TAC sum
1st-Best
2nd-Best
ID

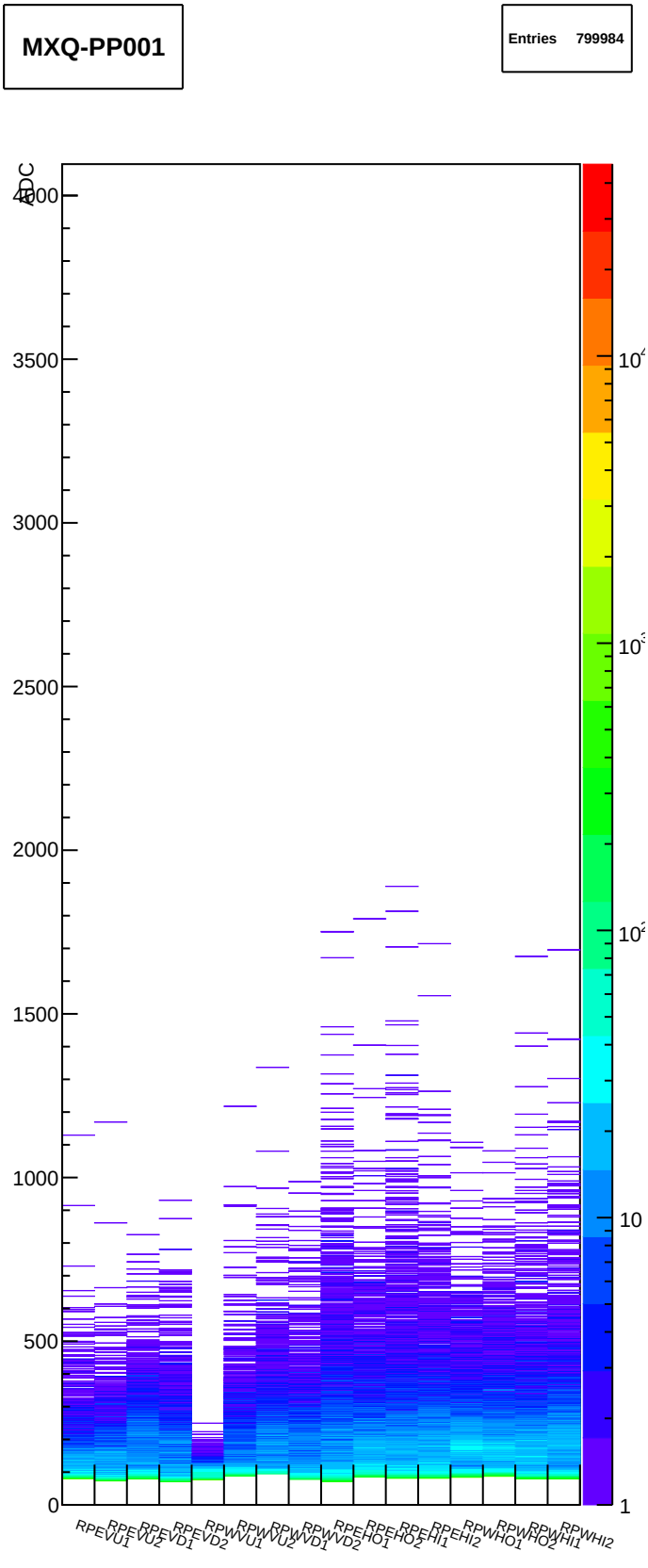

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 99998
TAC sum
1st-Best
2nd-Best
ID

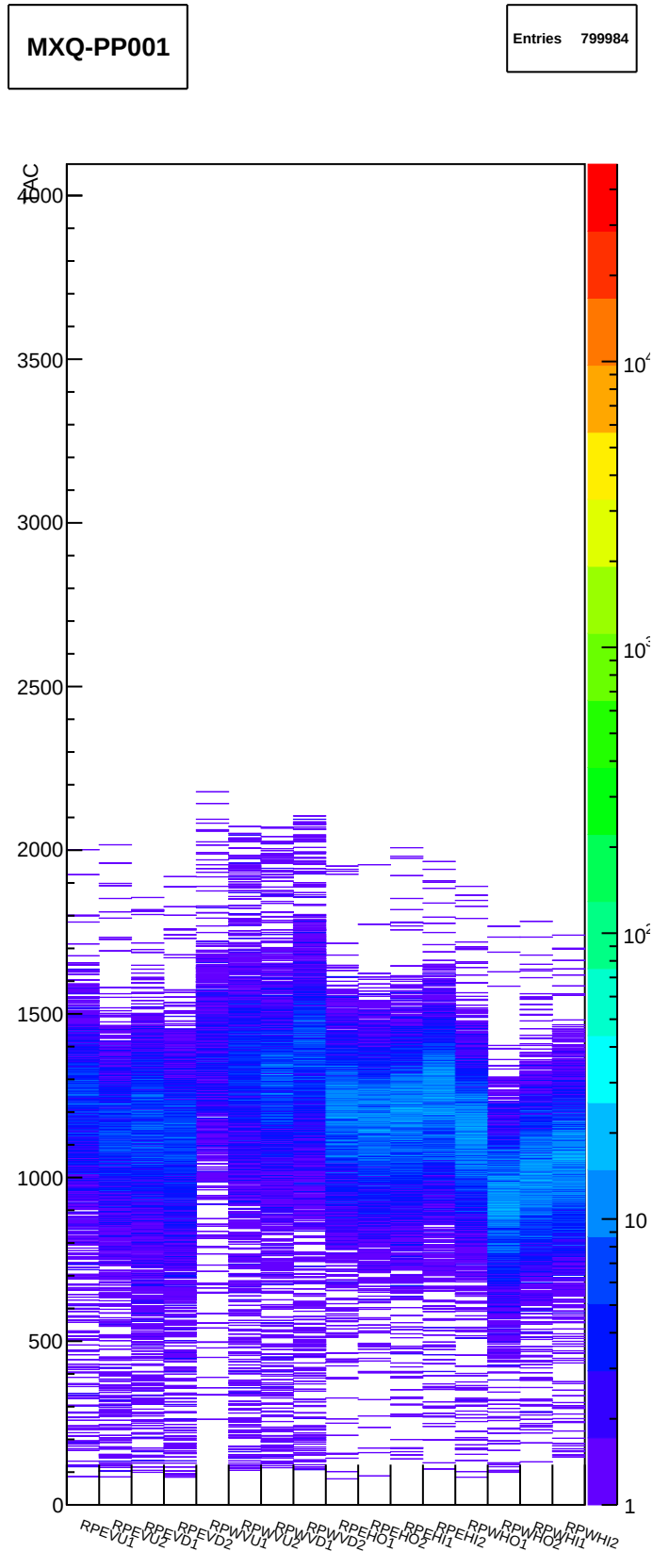

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 99998
TAC sum
1st-Best
2nd-Best
ID

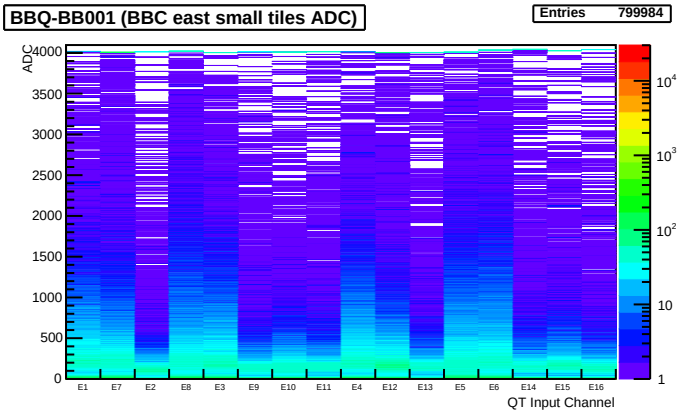

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 99998
TAC sum
1st-Best
2nd-Best
ID

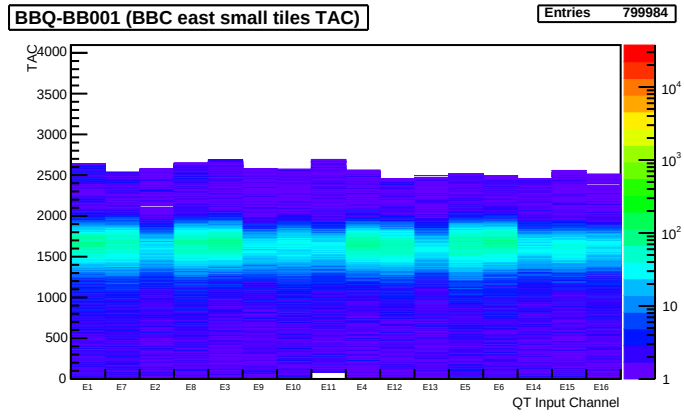

MIX-MT102 Input: VP003 Max TAC
Entries 49999

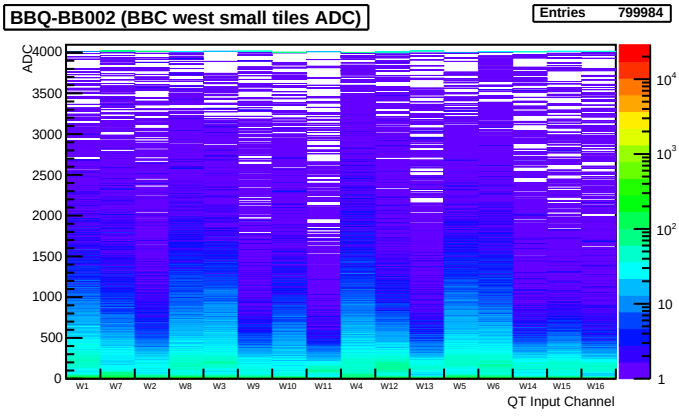

MIX-MT102 Input: VP004 Max TAC
Entries 49999

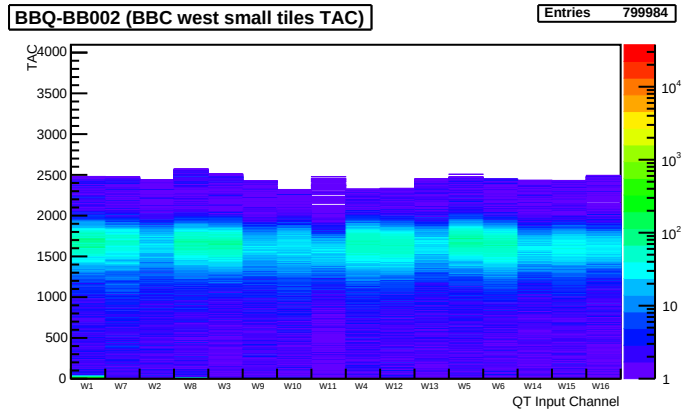

MXQ-PP001
Entries 799984
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^4
10^3
10^2
10
1

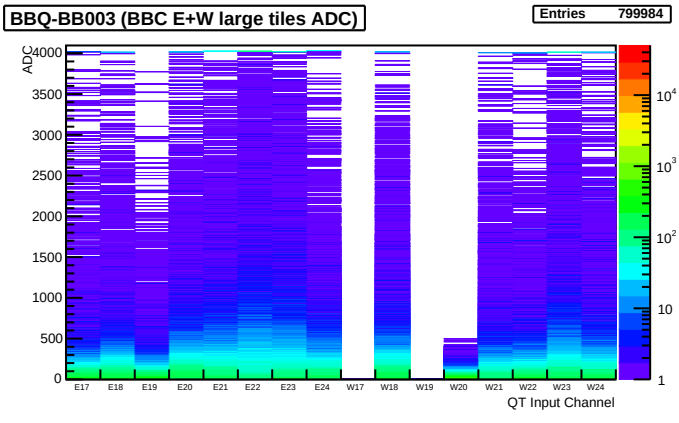

MXQ-PP001
Entries 799984
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^4
10^3
10^2
10
1

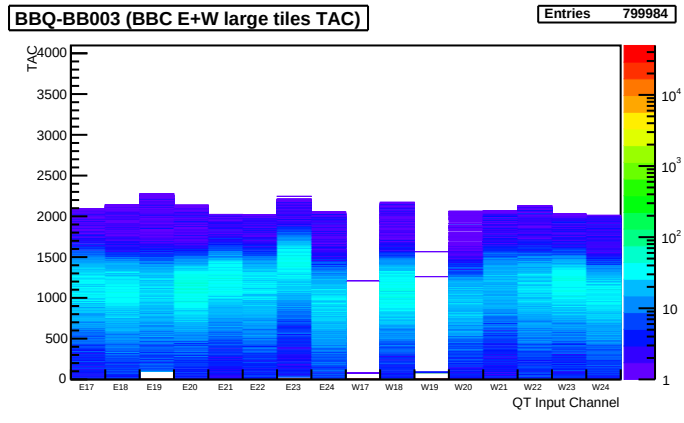

BBQ-BB001 (BBC east small tiles ADC)
Entries 799984
ADC
QT Input Channel

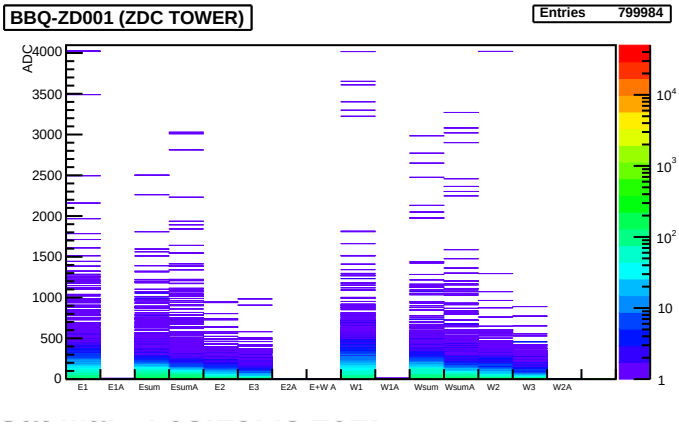

BBQ-BB001 (BBC east small tiles TAC)
Entries 799984
TAC
QT Input Channel

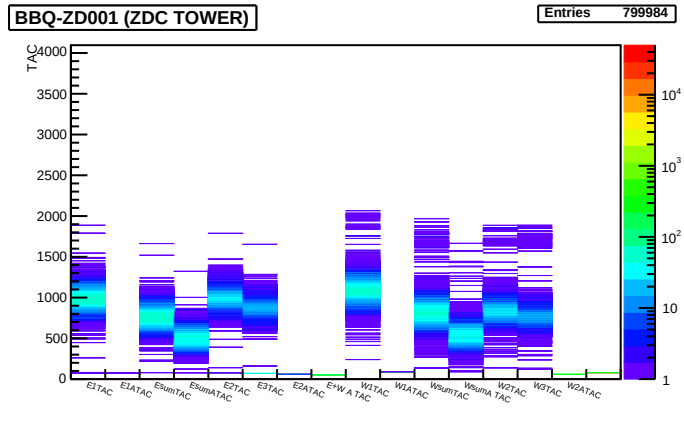

BBQ-BB002 (BBC west small tiles ADC)
Entries 799984
ADC
QT Input Channel

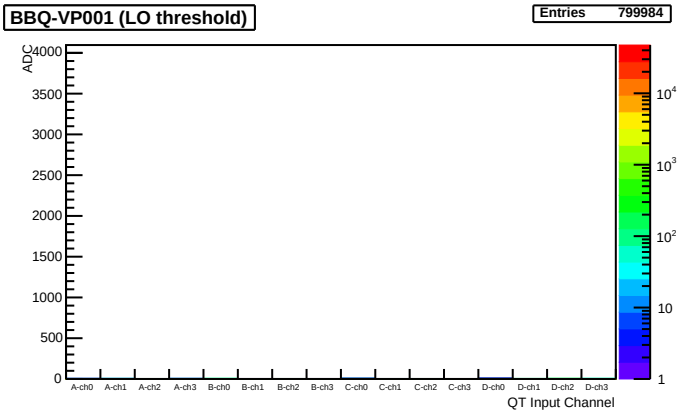

BBQ-BB002 (BBC west small tiles TAC)
Entries 799984
TAC
QT Input Channel

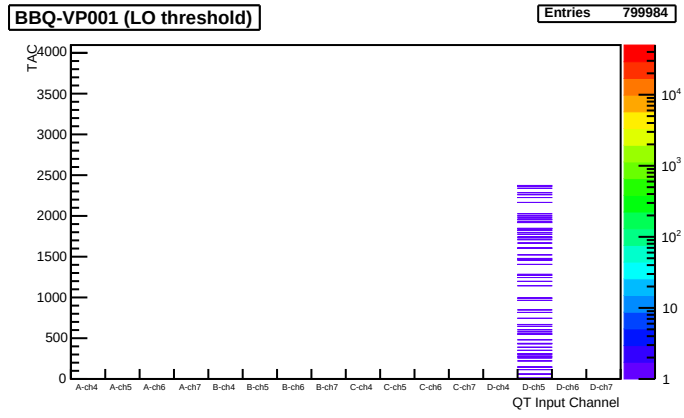

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 799984
ADC
QT Input Channel

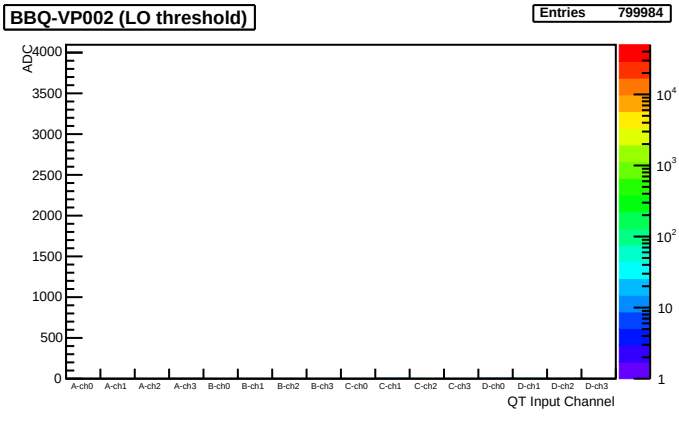

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 799984
TAC
QT Input Channel

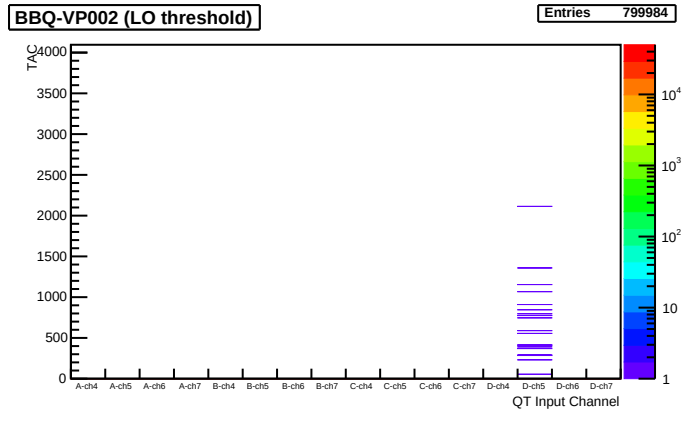

BBQ-ZD001 (ZDC TOWER)
Entries 799984
ADC

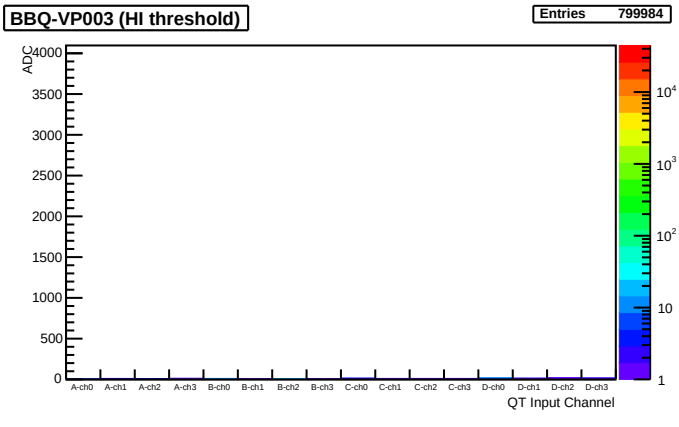

BBQ-ZD001 (ZDC TOWER)
Entries 799984
TAC

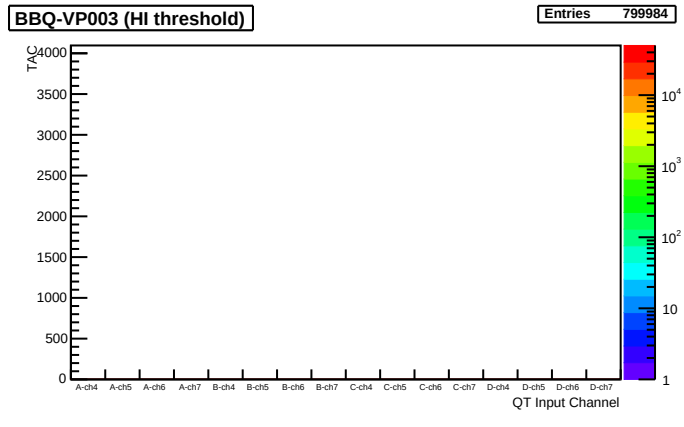

BBQ-VP001 (LO threshold)
Entries 799984
ADC
QT Input Channel

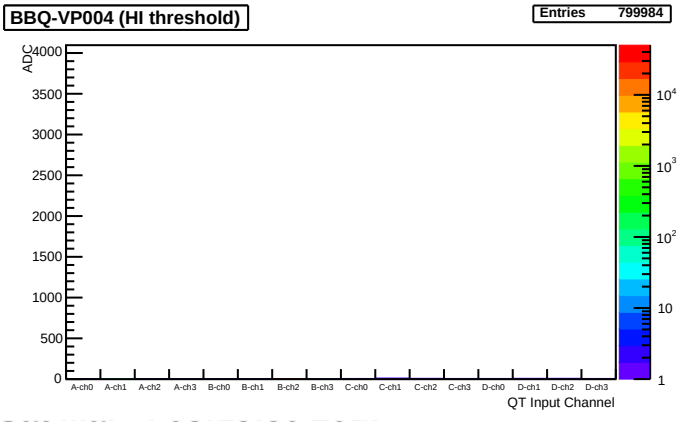

BBQ-VP001 (LO threshold)
Entries 799984
TAC
QT Input Channel

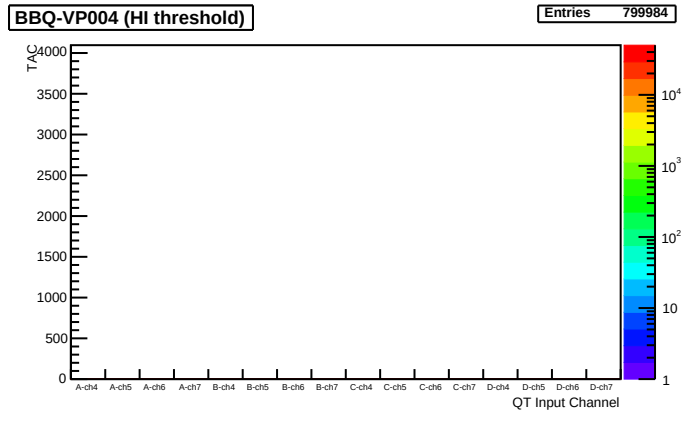

BBQ-VP002 (LO threshold)
Entries 799984
ADC
QT Input Channel

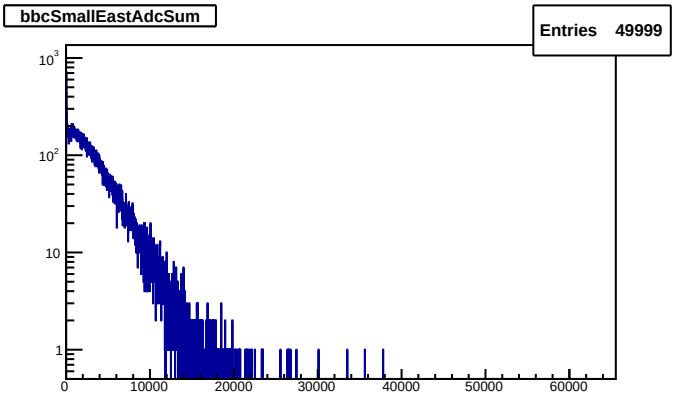

BBQ-VP002 (LO threshold)
Entries 799984
TAC
QT Input Channel

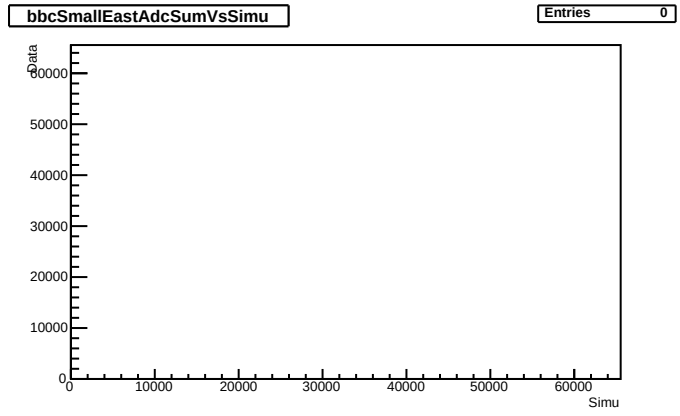

BBQ-VP003 (HI threshold)
Entries 799984
ADC
QT Input Channel

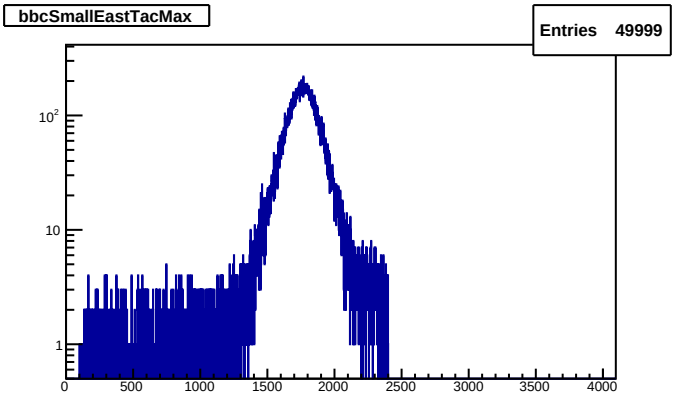

BBQ-VP003 (HI threshold)
Entries 799984
TAC
QT Input Channel

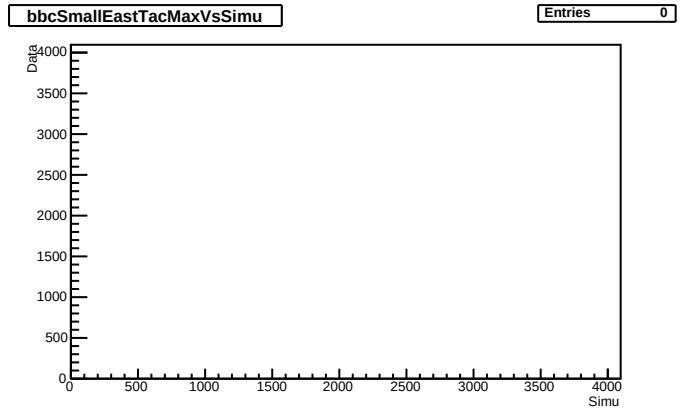

BBQ-VP004 (HI threshold)
Entries 799984
ADC
QT Input Channel

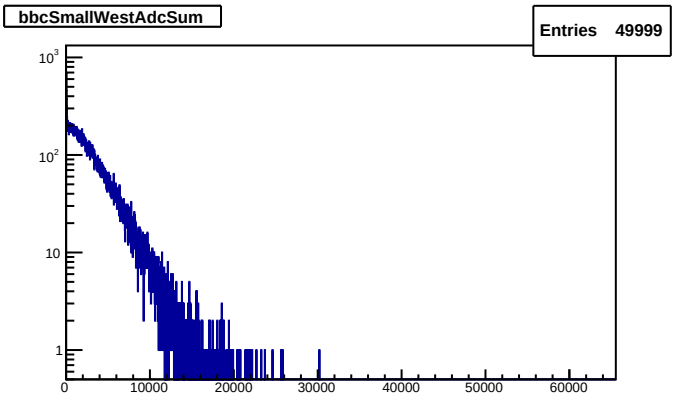

BBQ-VP004 (HI threshold)
Entries 799984
TAC
QT Input Channel

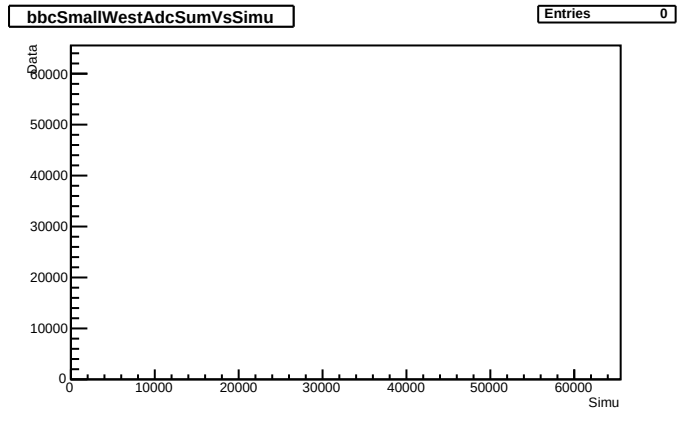

bbcSmallEastAdcSum
Entries 49999

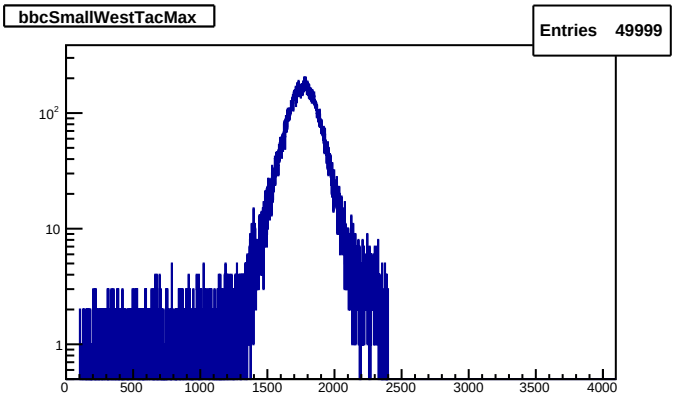

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

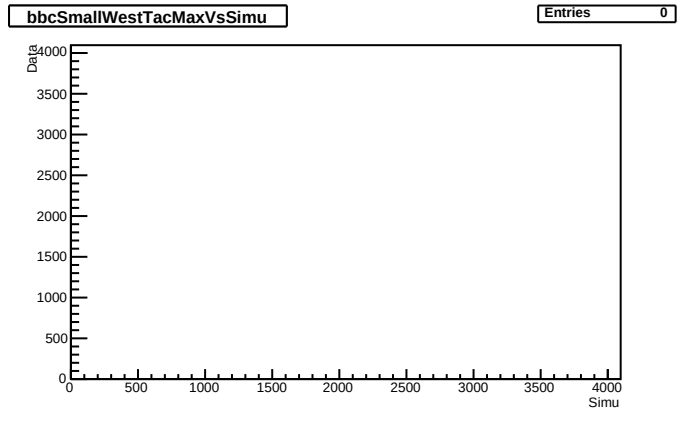

bbcSmallEastTacMax
Entries 49999

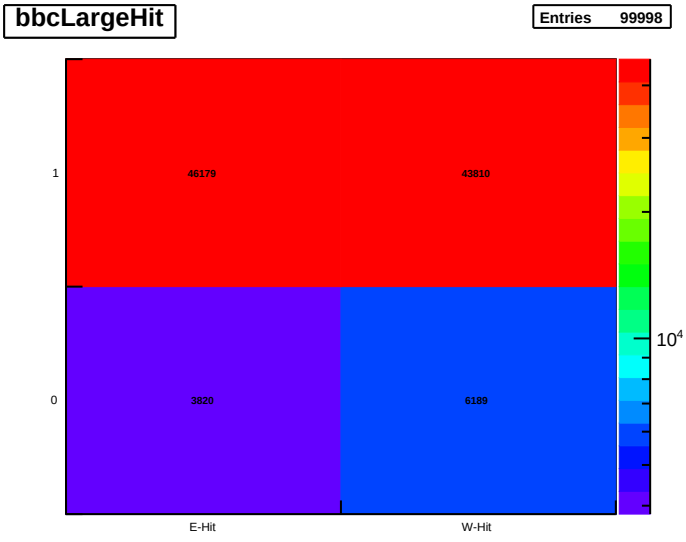

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

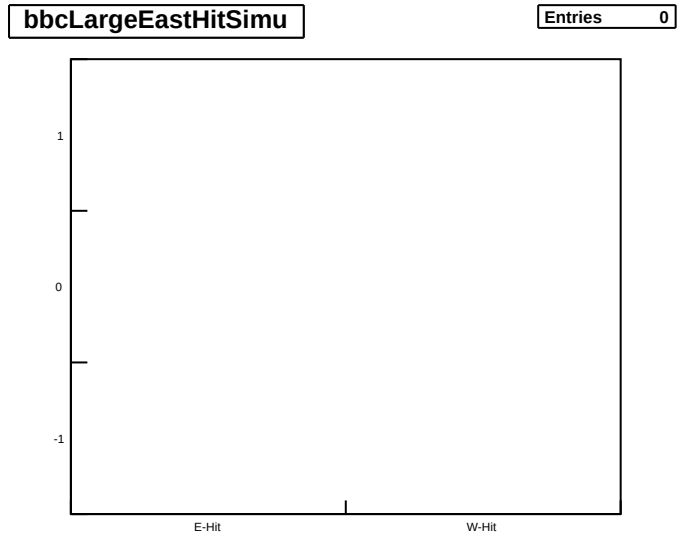

bbcSmallWestAdcSum
Entries 49999

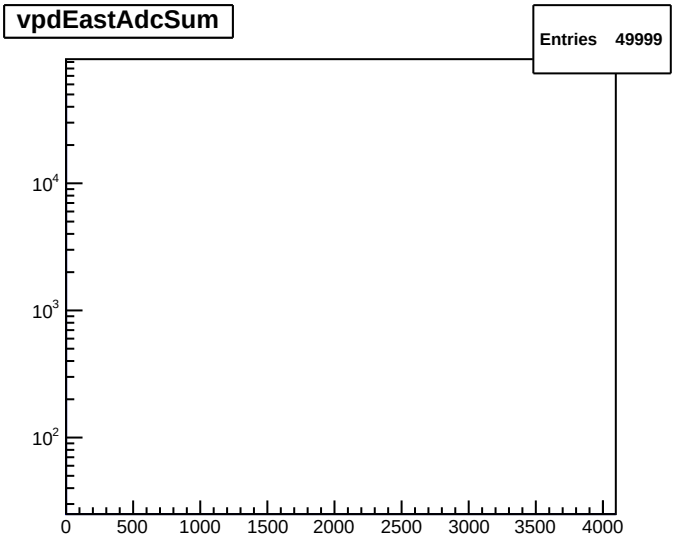

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

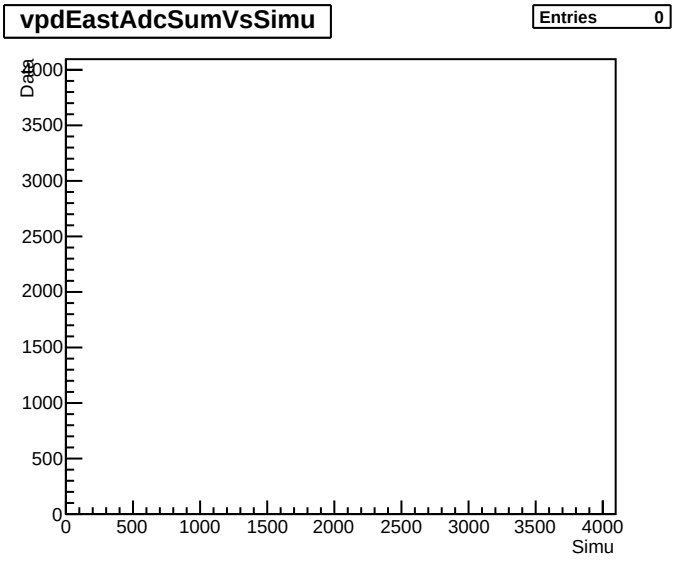

bbcSmallWestTacMax
Entries 49999

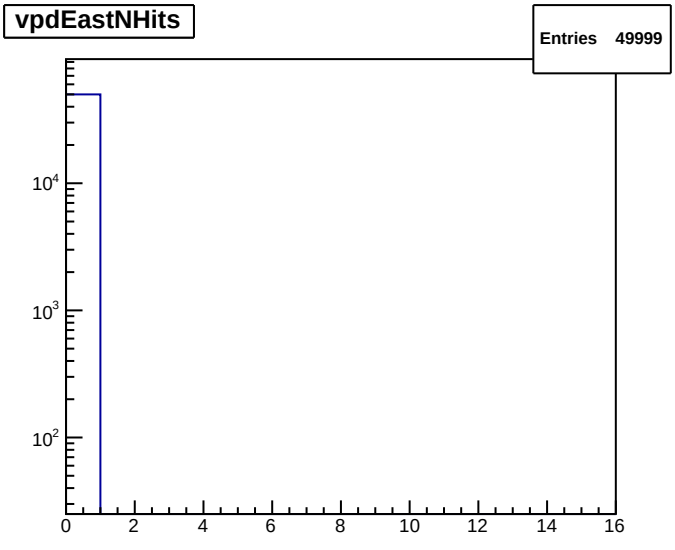

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

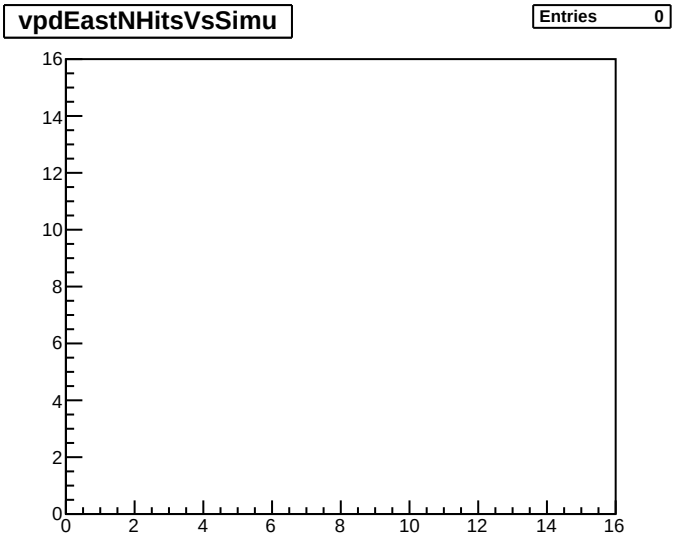

bbcLargeHit
Entries 99998
1
0
46179
43810
3820
6189
E-Hit
W-Hit
10^4

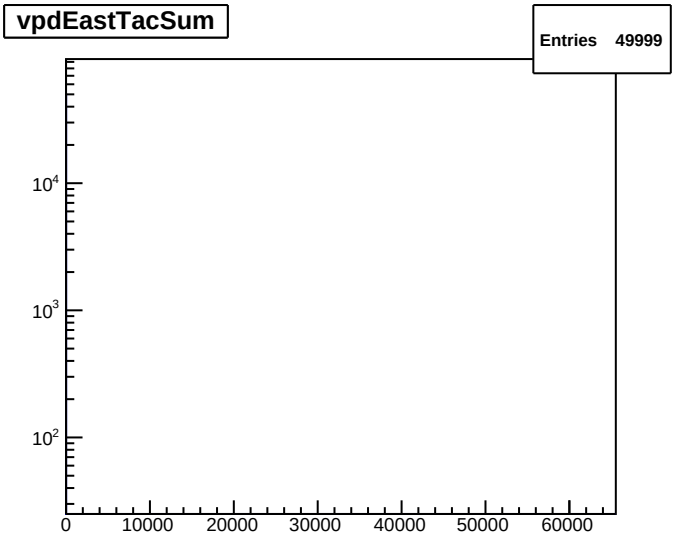

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

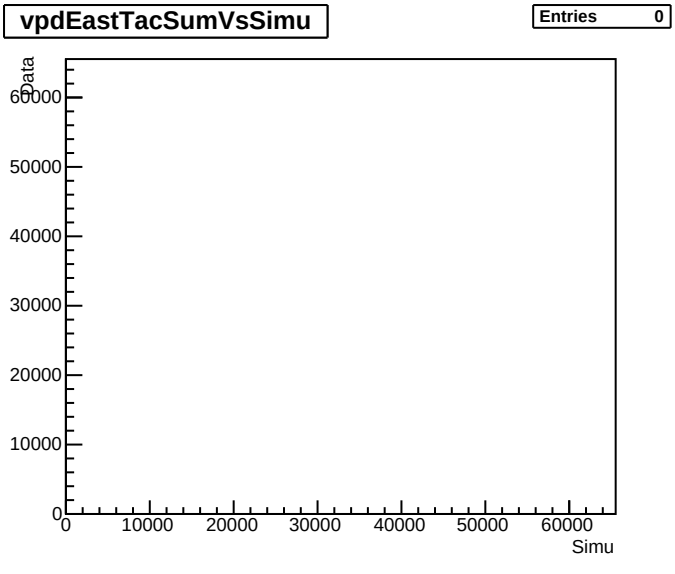

vpdEastAdcSum
Entries 49999
10^4
10^3
10^2
0 500 1000 1500 2000 2500 3000 3500 4000

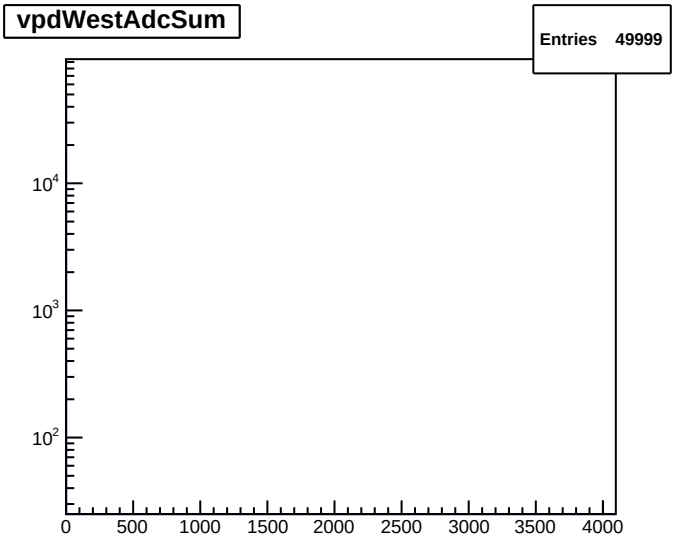

vpdEastAdcSumVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

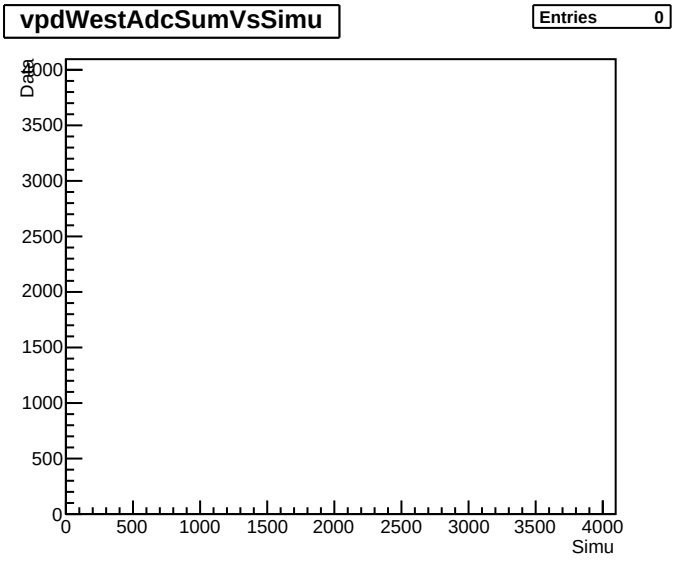

vpdEastNHits
Entries 49999
10^4
10^3
10^2
0 2 4 6 8 10 12 14 16

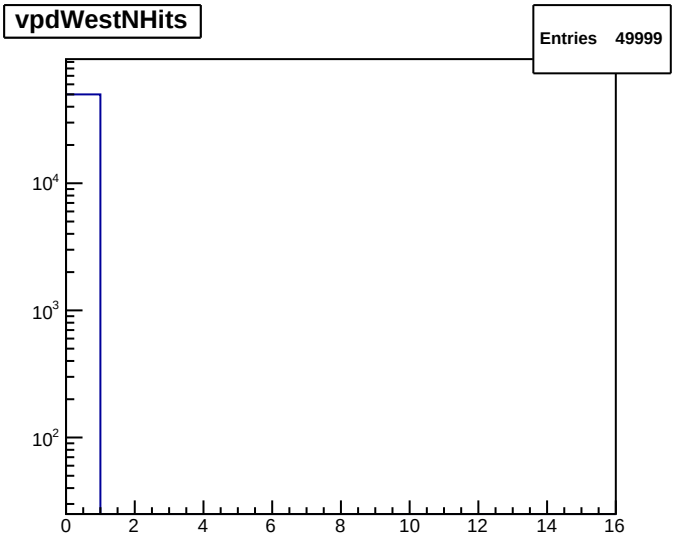

vpdEastNHitsVsSimu
Entries 0
16
14
12
10
8
6
4
2
0
0 2 4 6 8 10 12 14 16

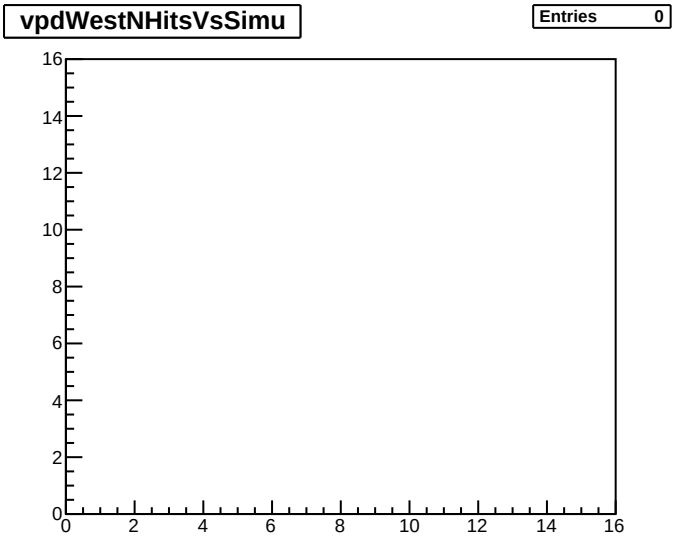

vpdEastTacSum
Entries 49999
10^4
10^3
10^2
0 10000 20000 30000 40000 50000 60000

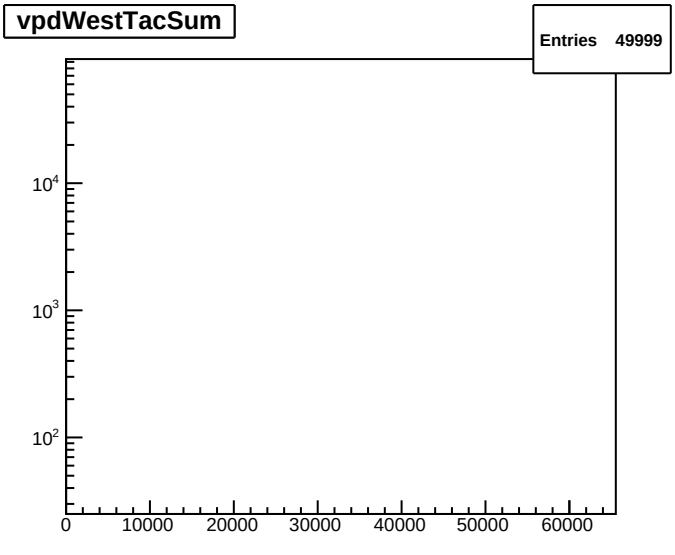

vpdEastTacSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0 10000 20000 30000 40000 50000 60000
Simu

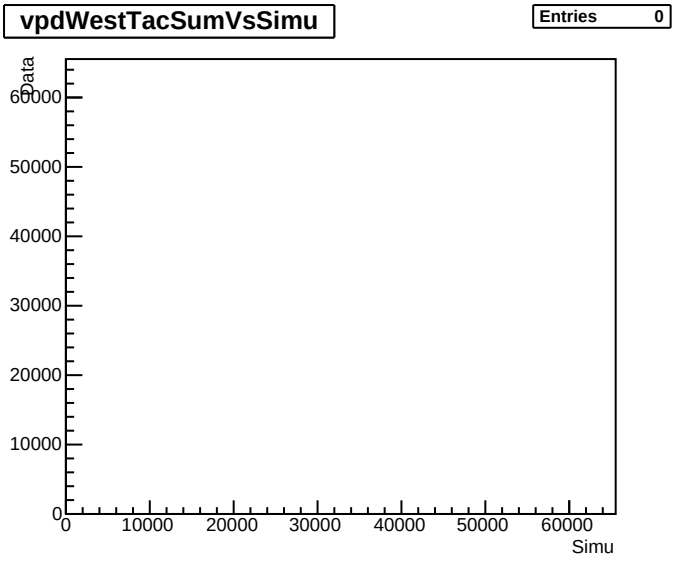

vpdWestAdcSum
Entries 49999
10^4
10^3
10^2
0 500 1000 1500 2000 2500 3000 3500 4000

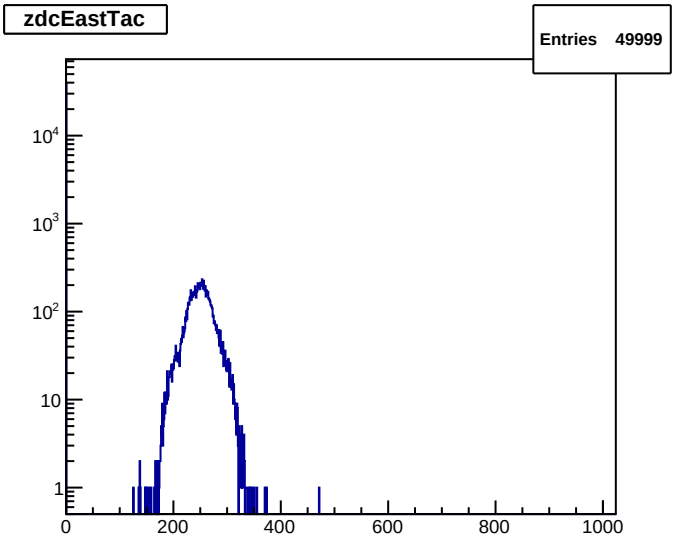

vpdWestAdcSumVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

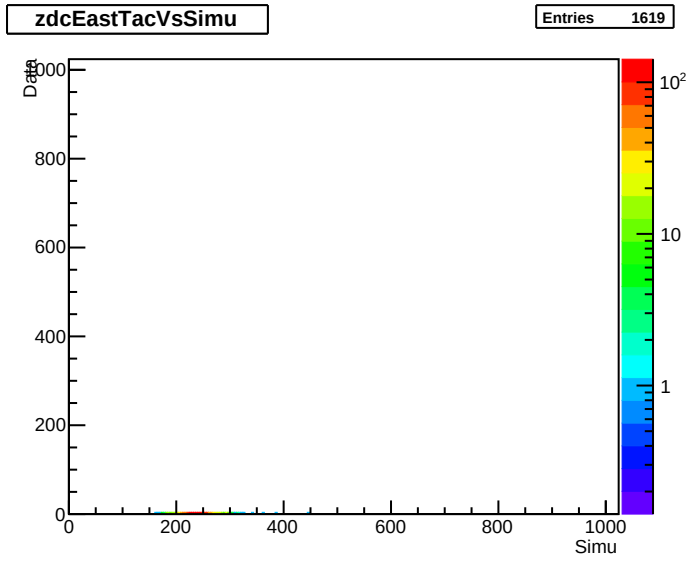

vpdWestNHits
Entries 49999
10^4
10^3
10^2
0 2 4 6 8 10 12 14 16

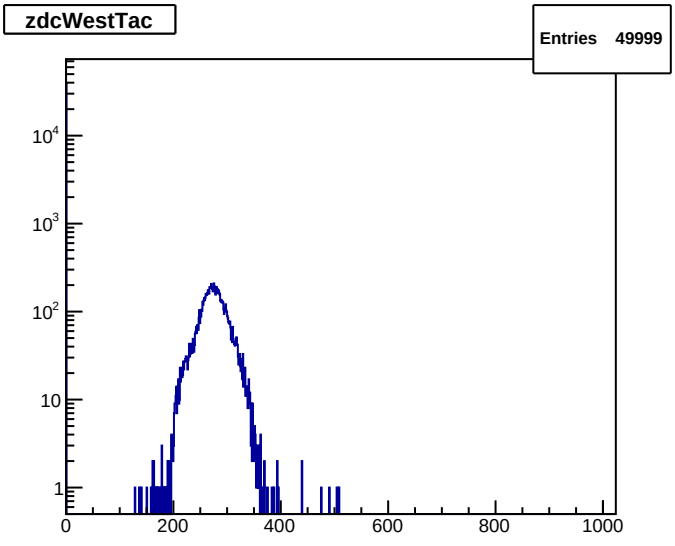

vpdWestNHitsVsSimu
Entries 0
16
14
12
10
8
6
4
2
0
0 2 4 6 8 10 12 14 16

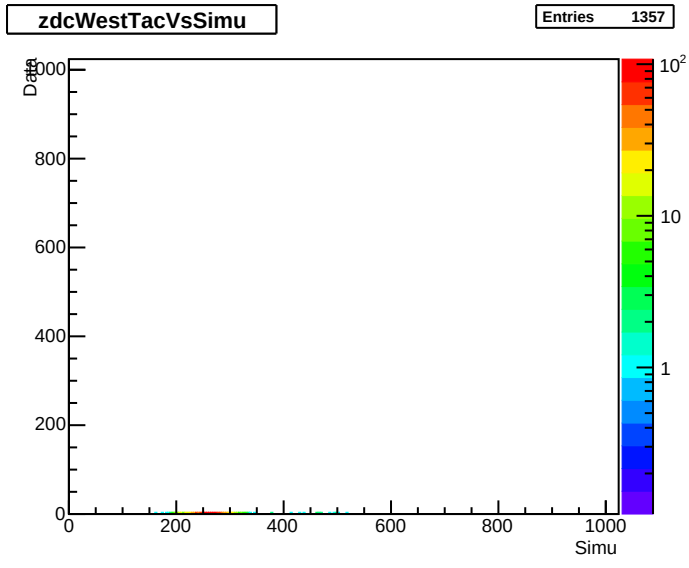

vpdWestTacSum
Entries 49999
10^4
10^3
10^2
0 10000 20000 30000 40000 50000 60000

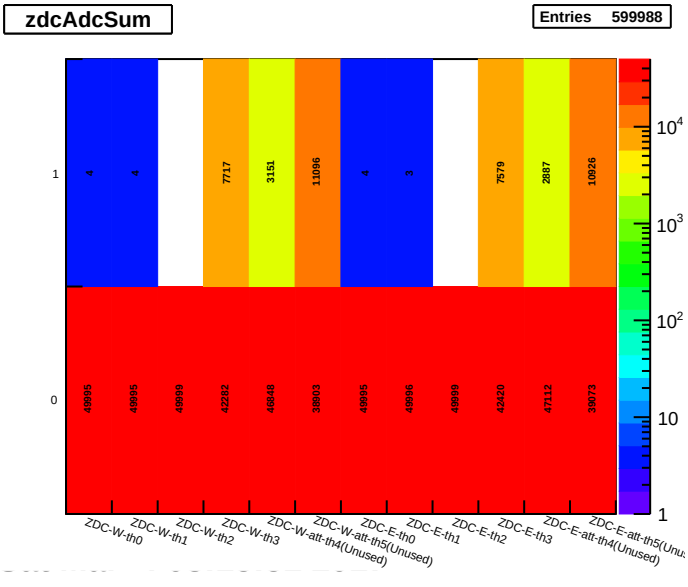

vpdWestTacSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0 10000 20000 30000 40000 50000 60000
Simu

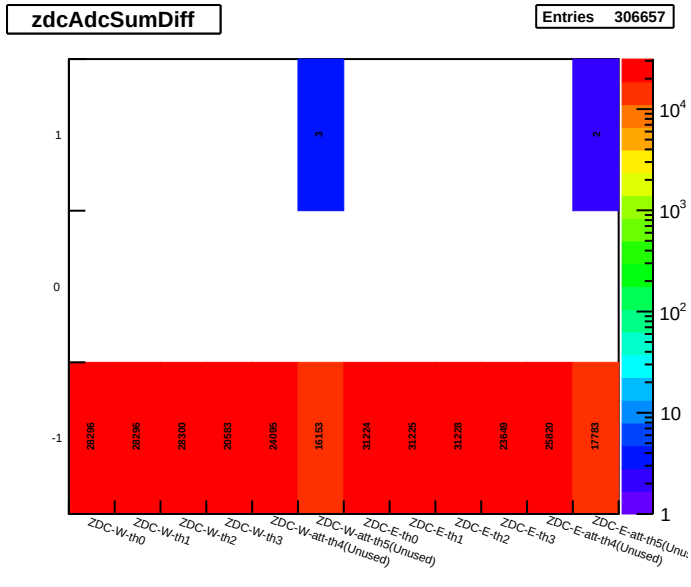

zdcEastTac
Entries 49999

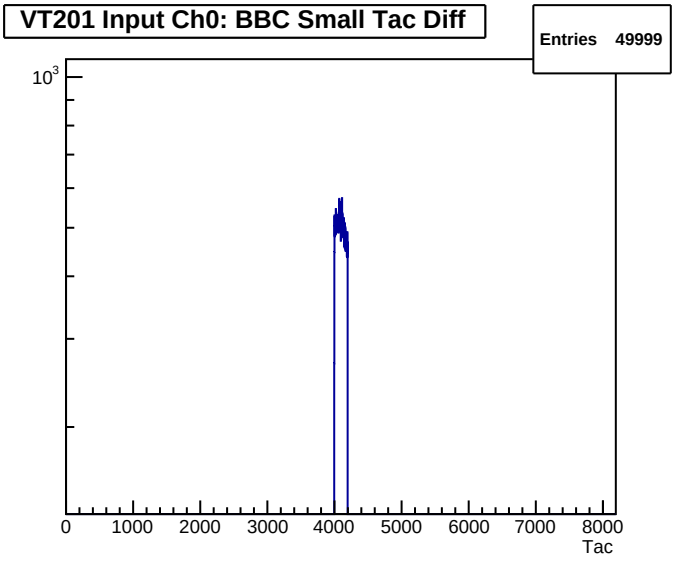

zdcEastTacVsSimu
Entries 1619
Data
Simu

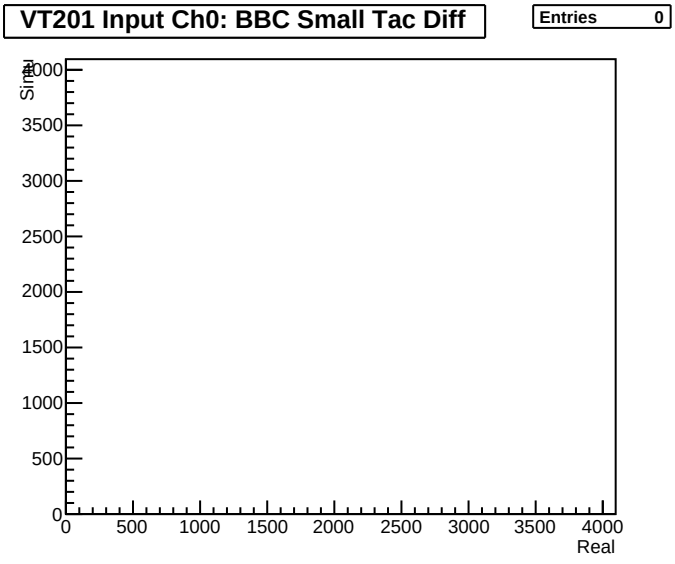

zdcWestTac
Entries 49999

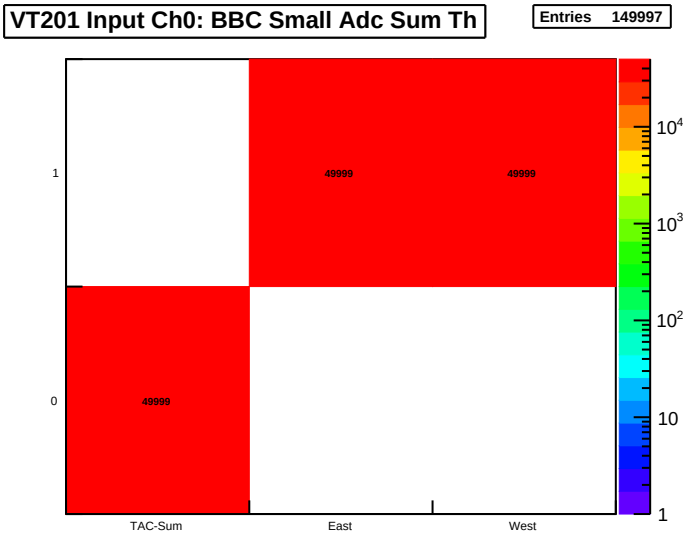

zdcWestTacVsSimu
Entries 1357
Data
Simu

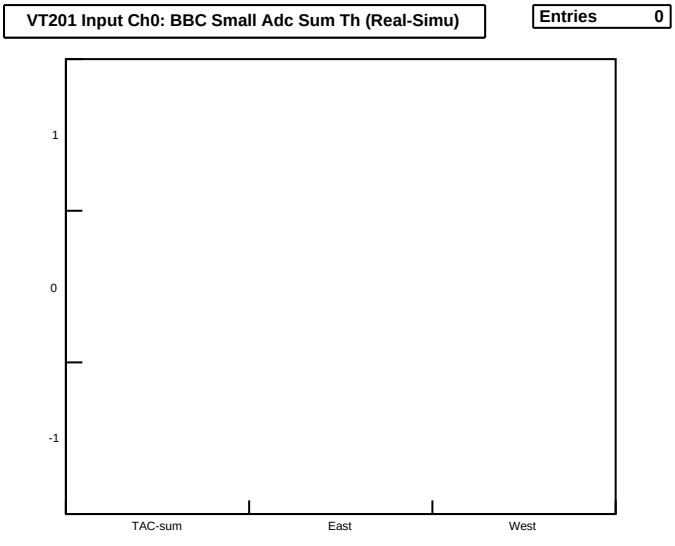

zdcAdcSum
Entries 599988
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

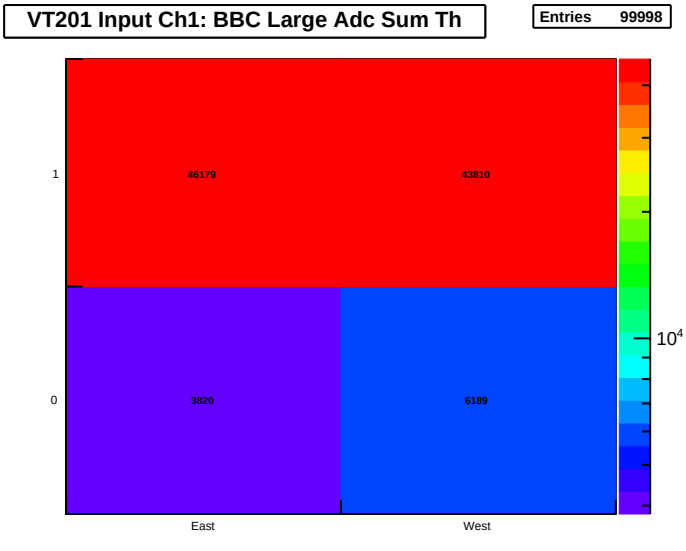

zdcAdcSumDiff
Entries 306657
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

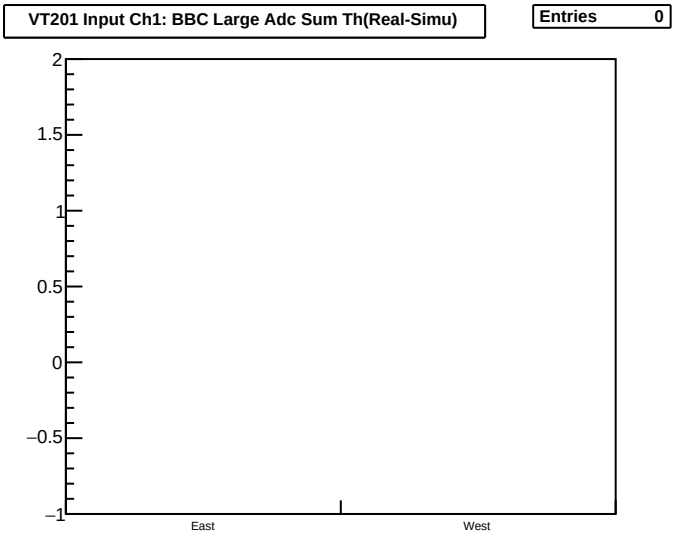

VT201 Input Ch0: BBC Small Tac Diff
Entries 49999
Tac


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

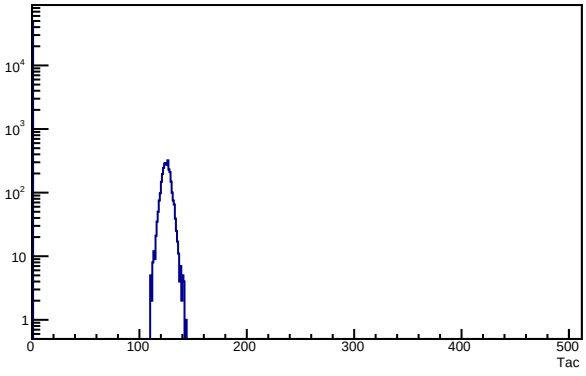

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 149997
49999
49999
49999
TAC-Sum
East
West


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

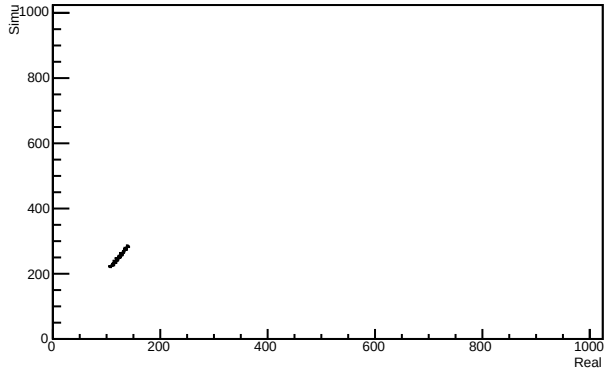

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 99998
46179
43810
3820
6189
East
West


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

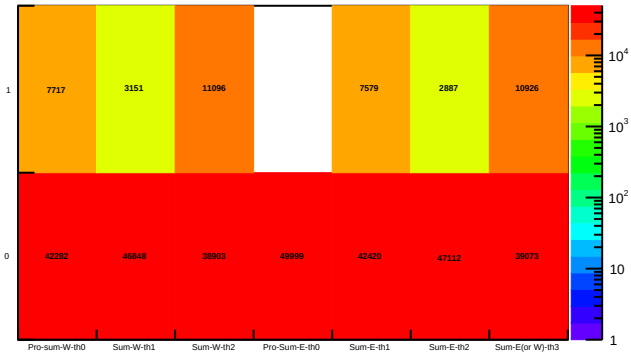
VT201 Input Ch2: ZDC Tac Diff



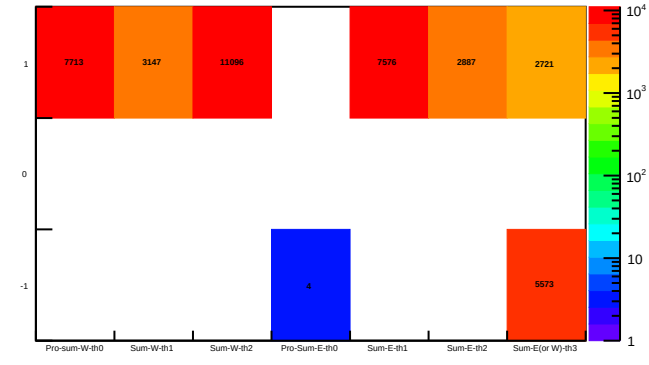
VT201 Input Ch2: ZDC Tac Diff



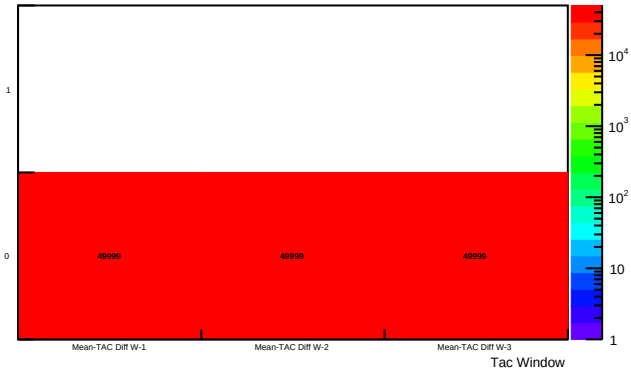
VT201 Input Ch2: ZDC Adc Sum Th



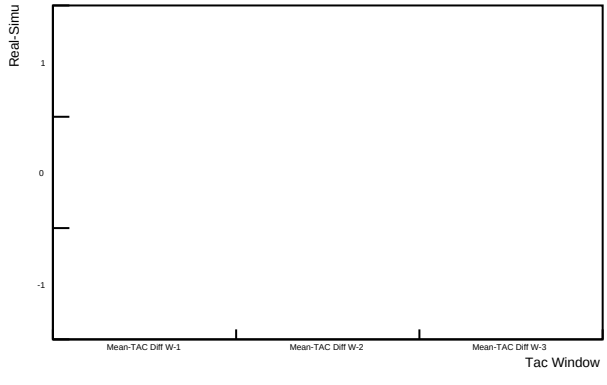
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



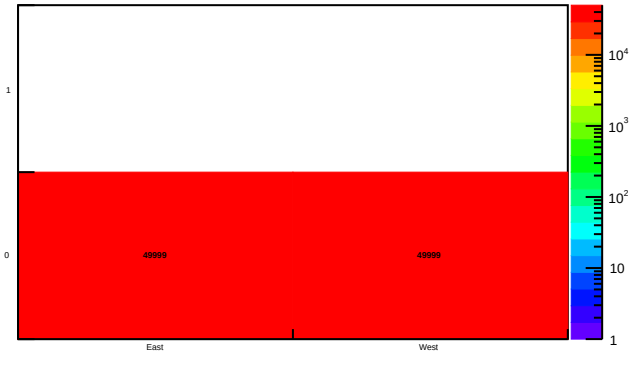
VT201 Input Ch4: VPD Tac Diff



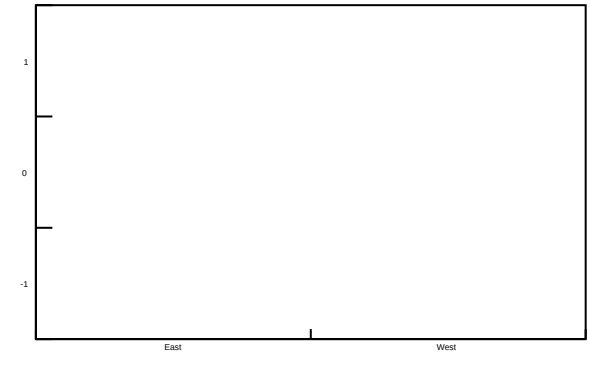
VT201 Input Ch4: VPD Tac Diff

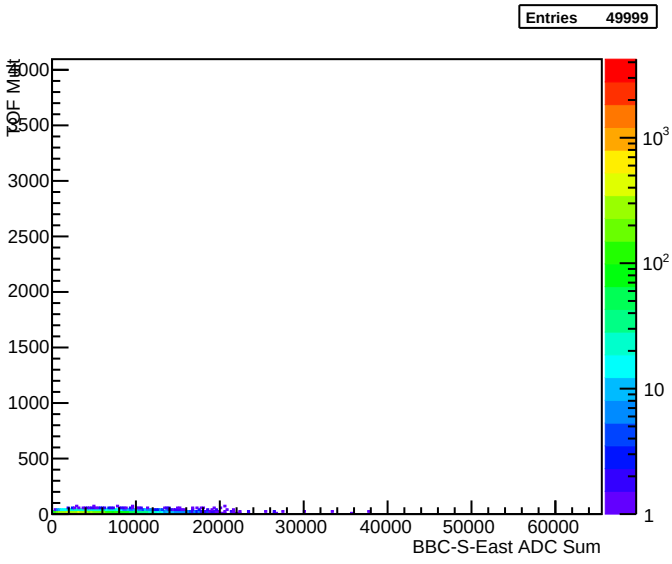


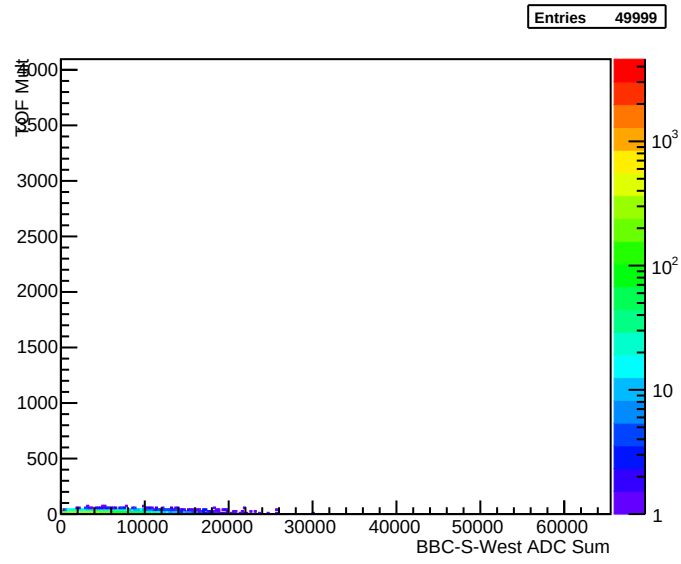
VT201 Input Ch4: VPD Adc Sum Th

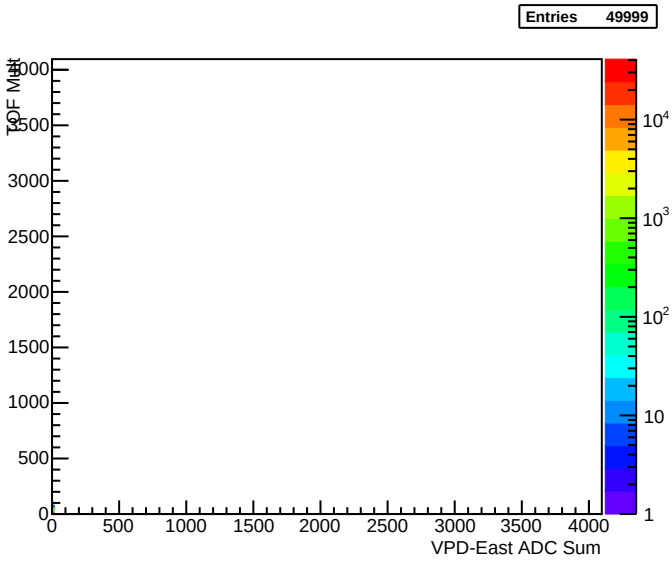


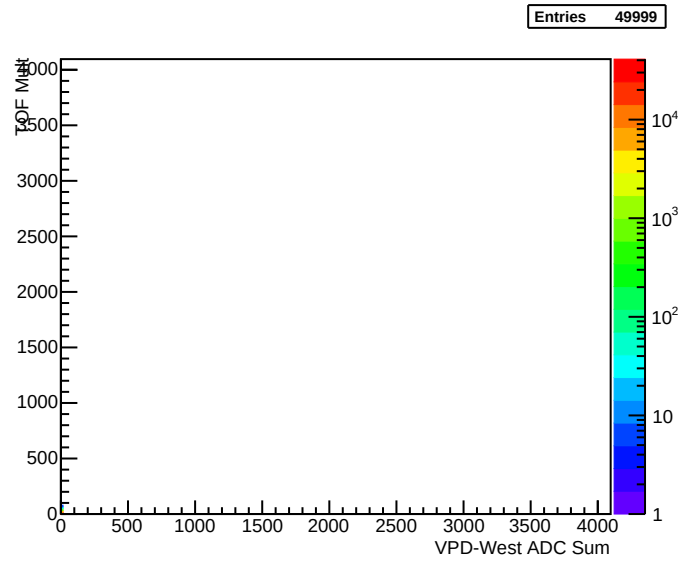
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

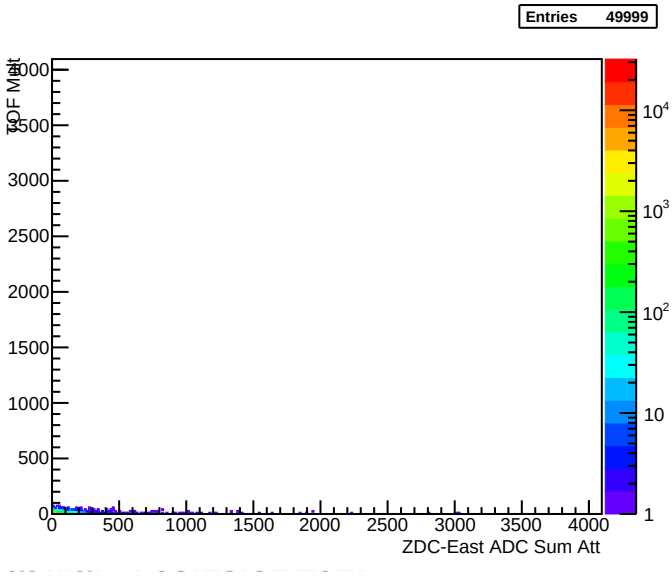


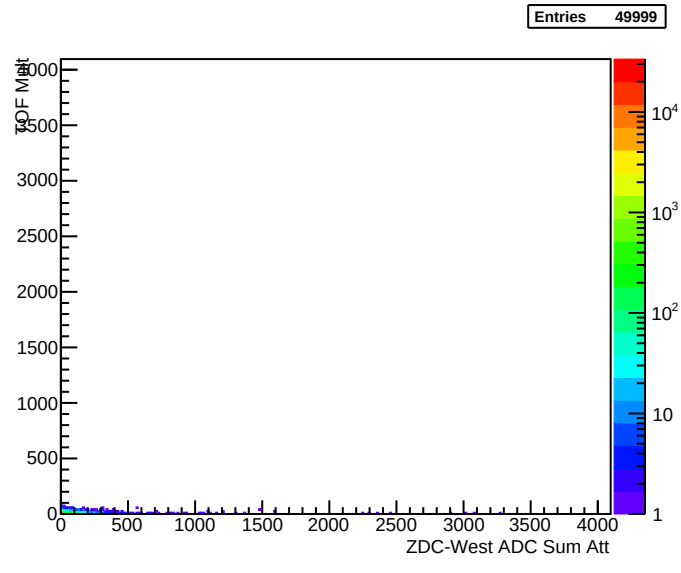

Entries 49999
TOF Mult
BBC-S-East ADC Sum

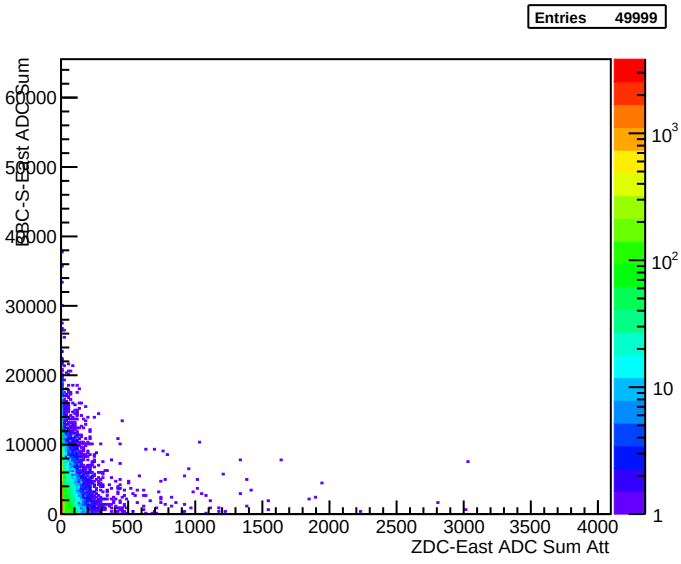

Entries 49999
TOF Mult
BBC-S-West ADC Sum

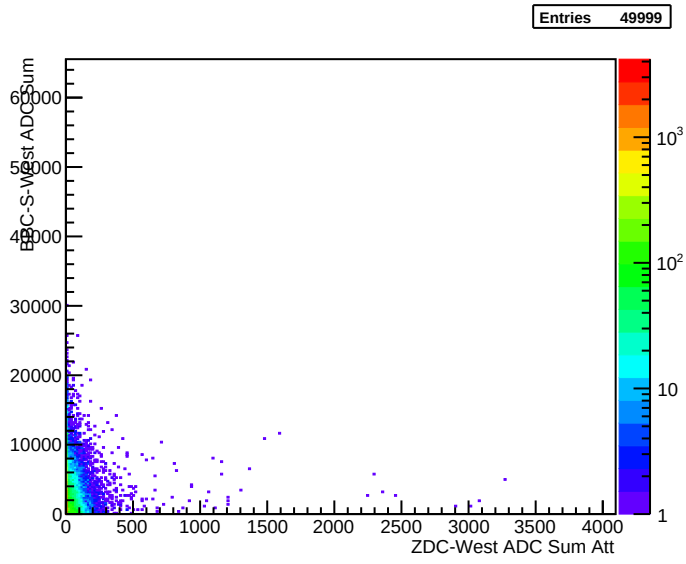

Entries 49999
TOF Mult
VPD-East ADC Sum

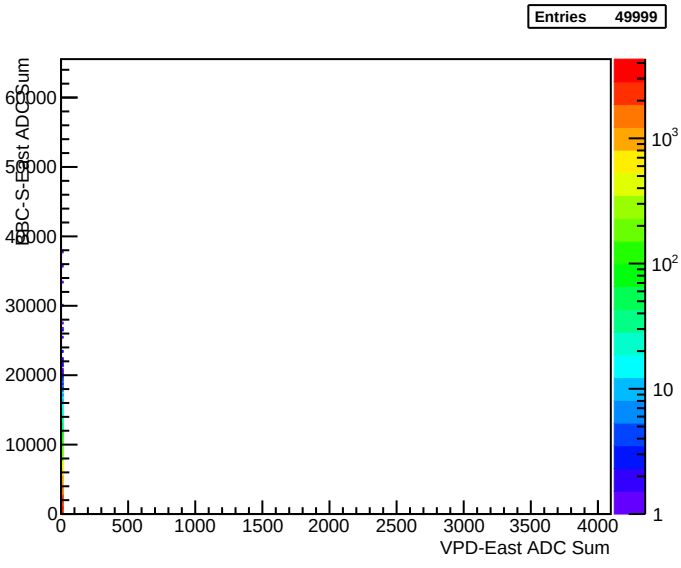

Entries 49999
TOF Mult
VPD-West ADC Sum

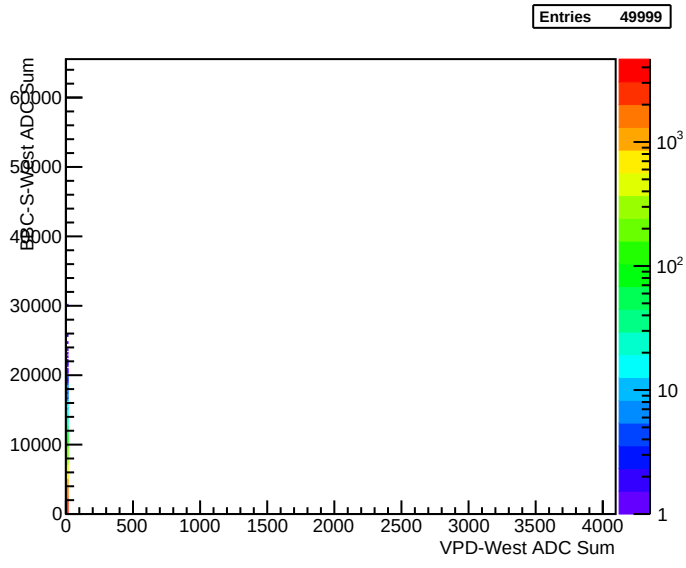

Entries 49999
TOF Mult
ZDC-East ADC Sum Att

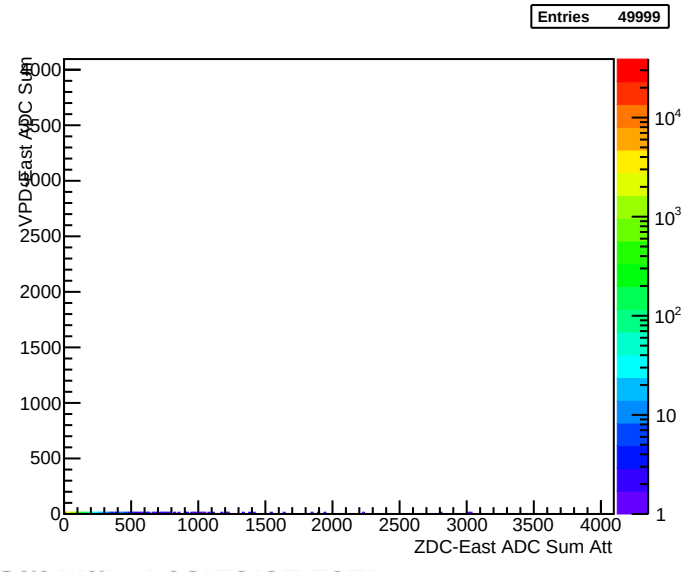

Entries 49999
TOF Mult
ZDC-West ADC Sum Att

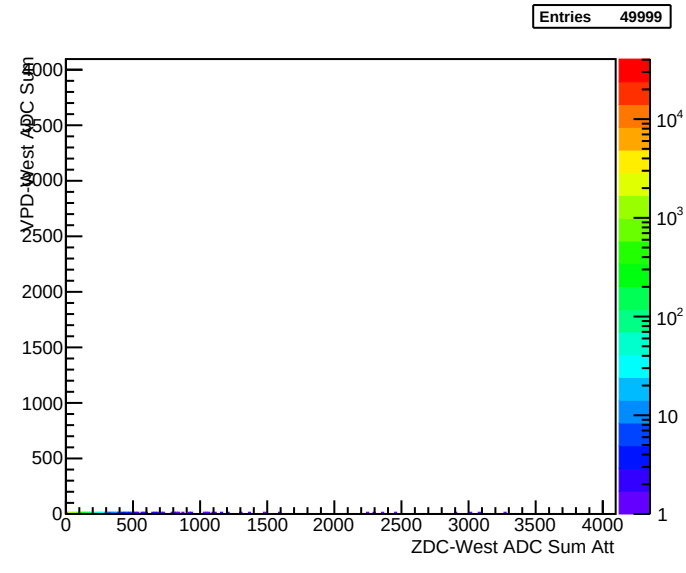

Entries 49999
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

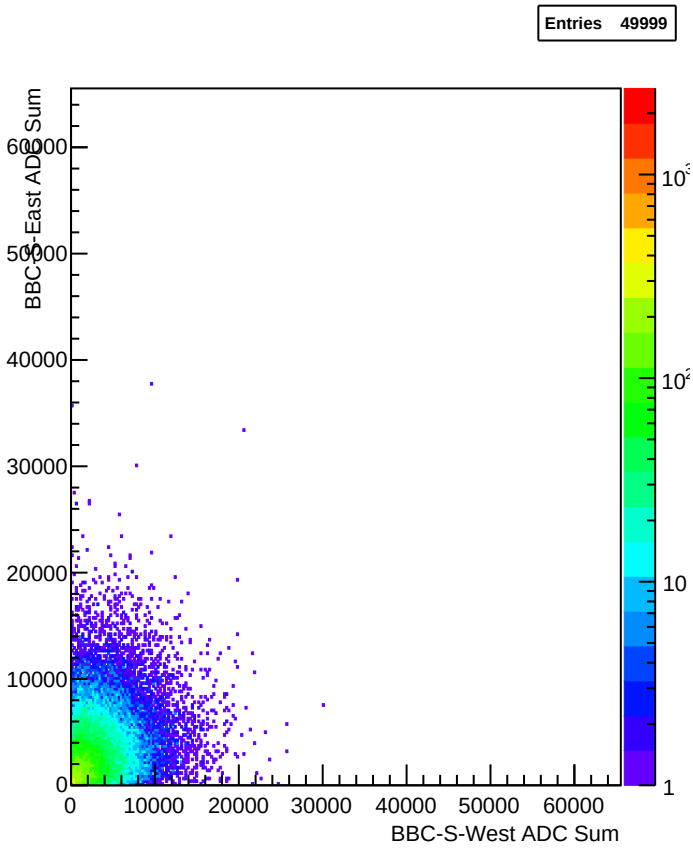

Entries 49999
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

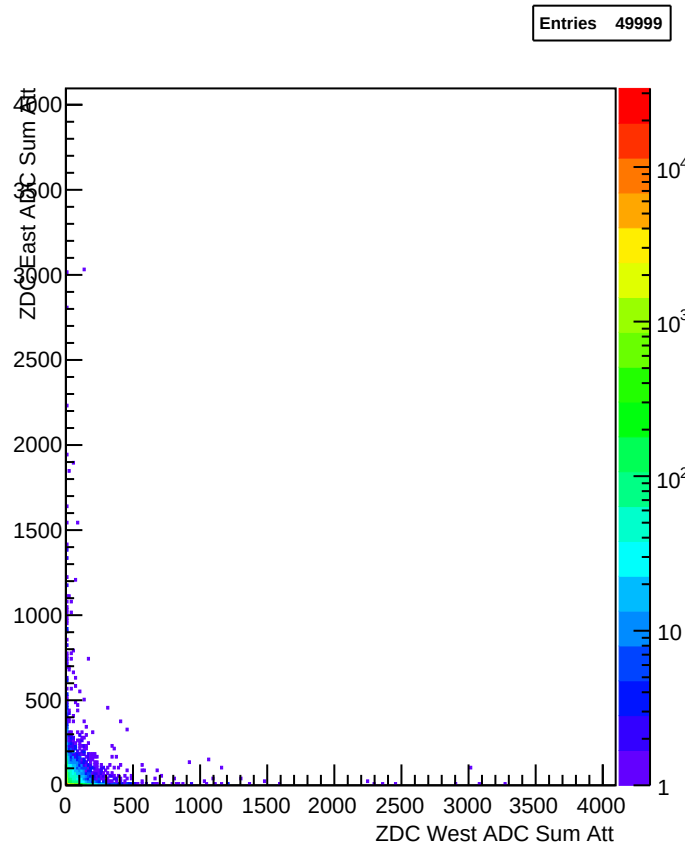

Entries 49999
BBC-S-East ADC Sum
VPD-East ADC Sum

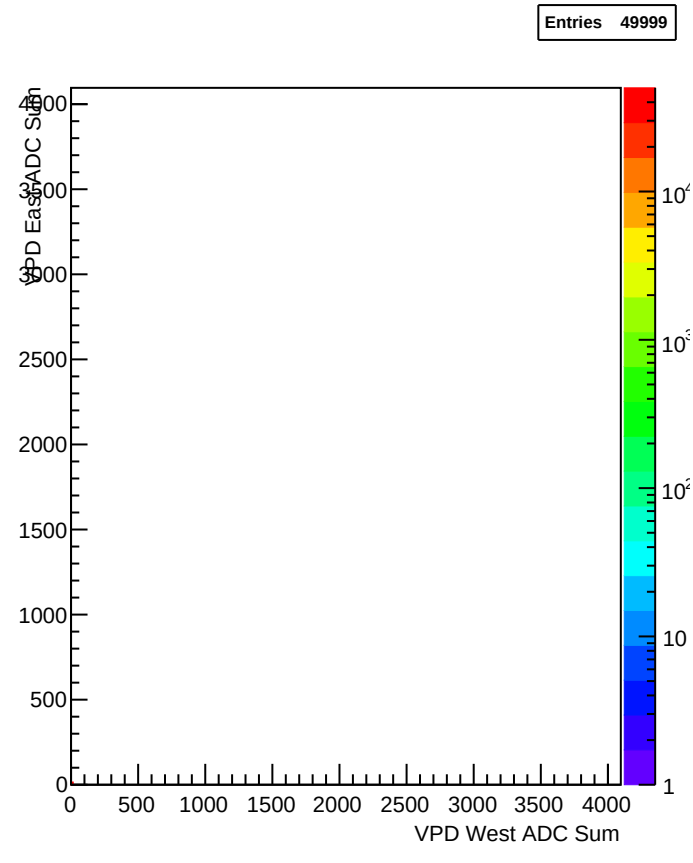

Entries 49999
BBC-S-West ADC Sum
VPD-West ADC Sum

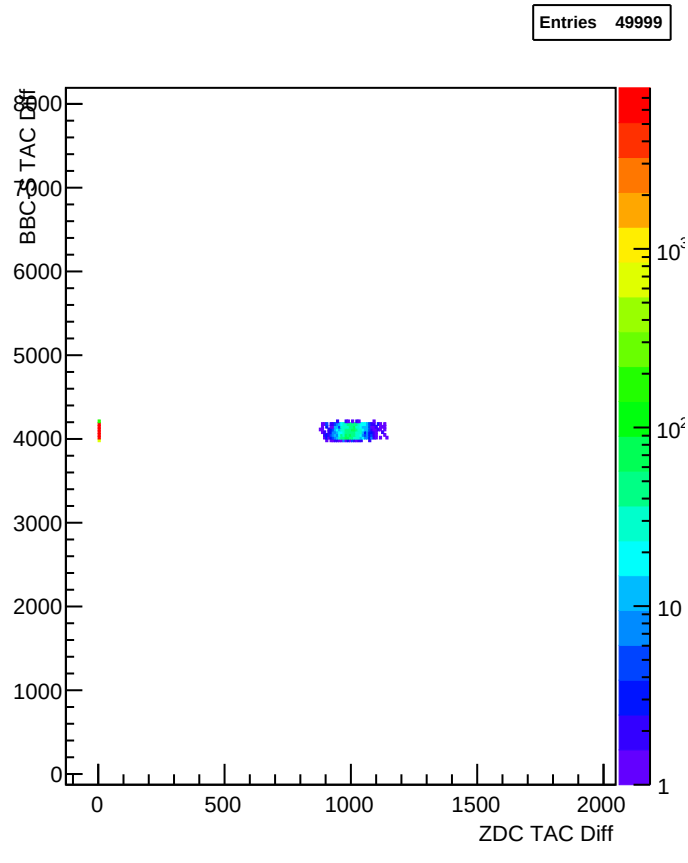

Entries 49999
VPD-East ADC Sum
ZDC-East ADC Sum Att

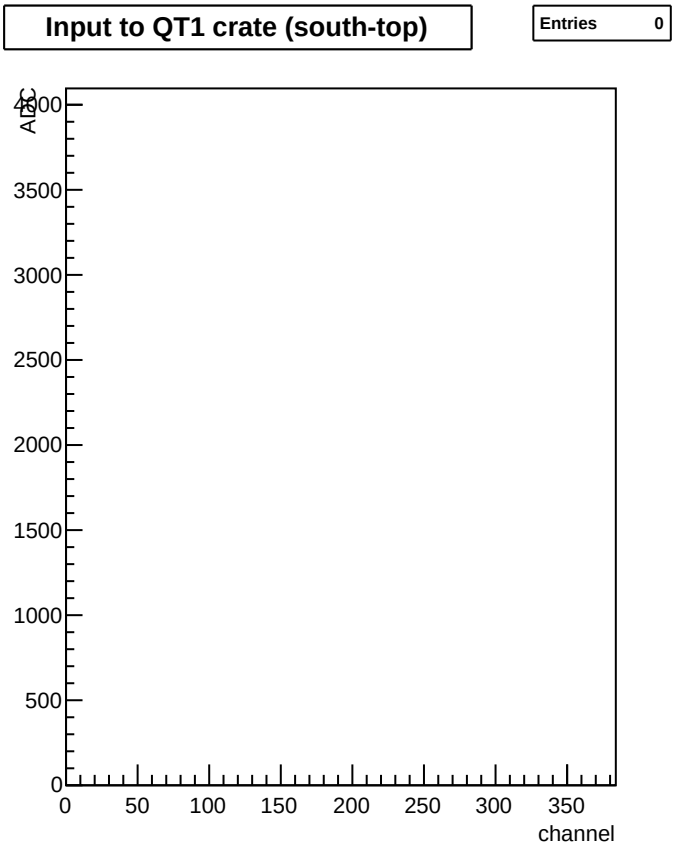

Entries 49999
VPD-West ADC Sum
ZDC-West ADC Sum Att

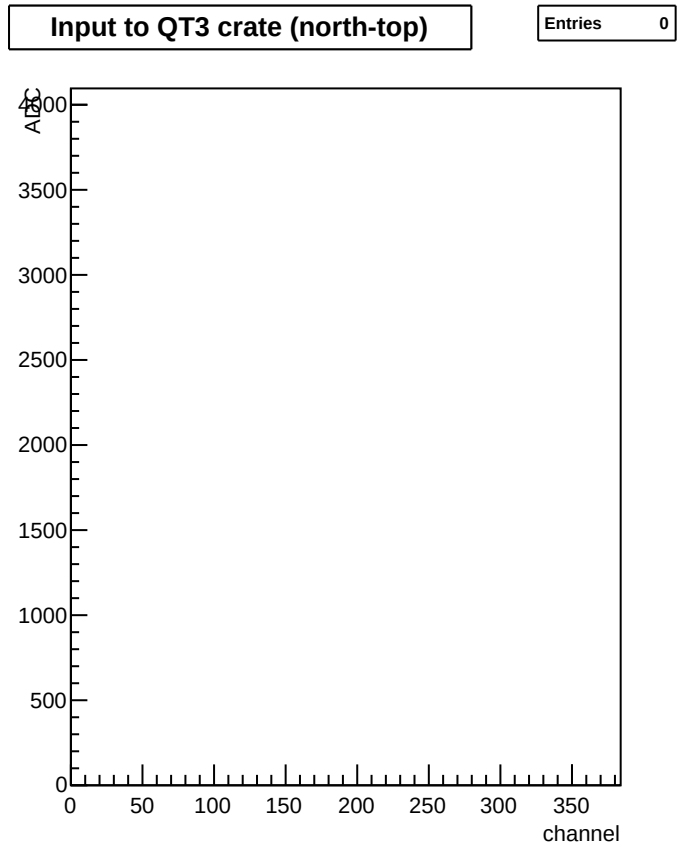

Entries 49999
BBC-S-East ADC Sum
BBC-S-West ADC Sum

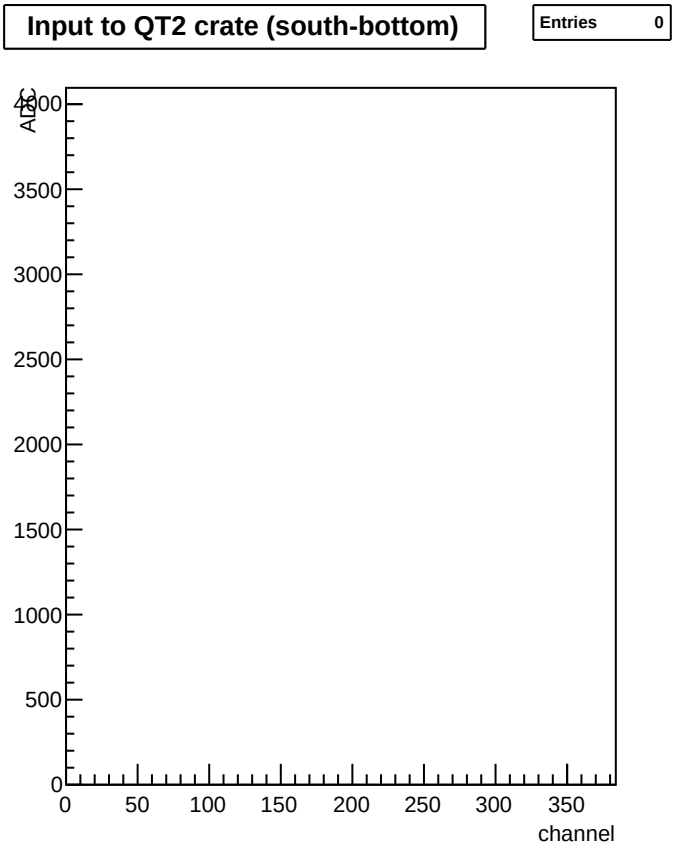

Entries 49999
ZDC East ADC Sum Att
ZDC West ADC Sum Att

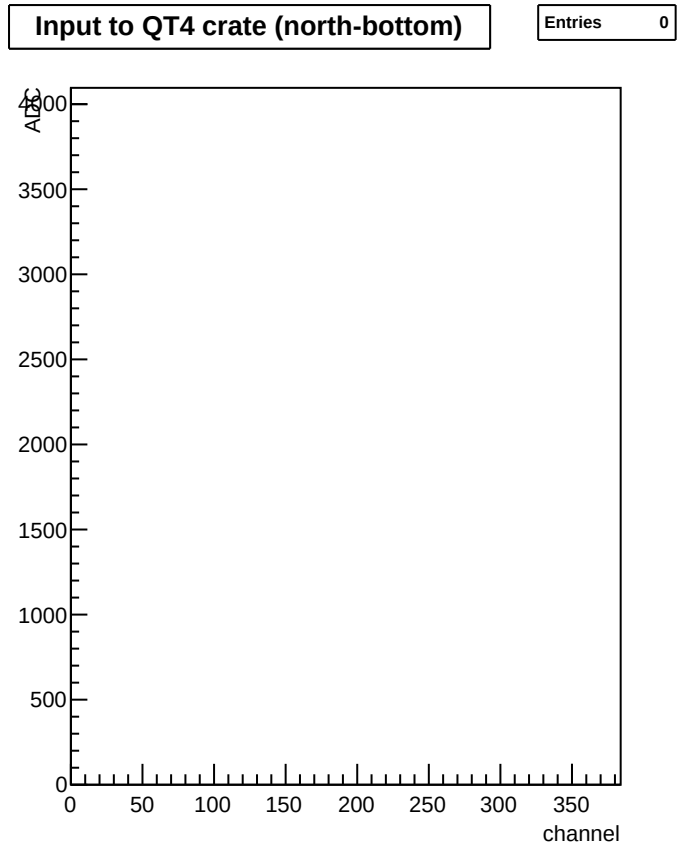

Entries 49999
VPD East ADC Sum
VPD West ADC Sum

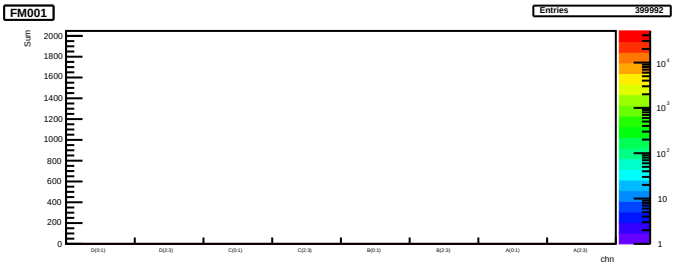

Entries 49999
BBC-S TAC Diff
ZDC TAC Diff

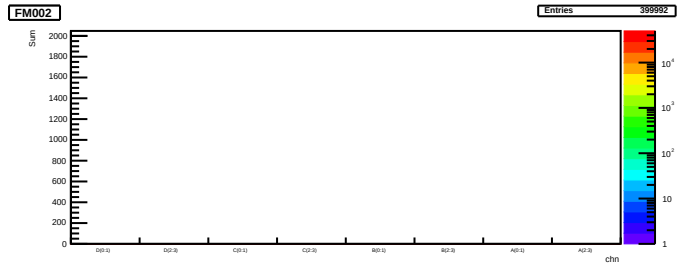

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

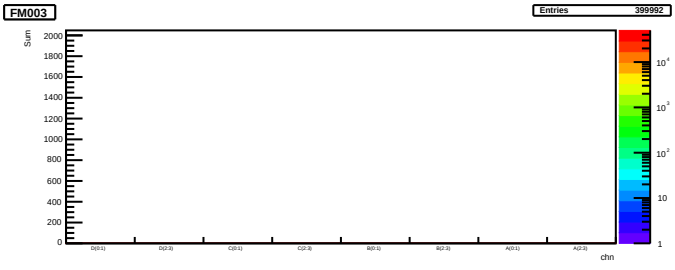

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

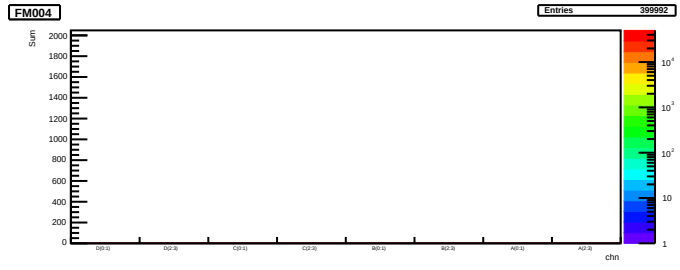

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

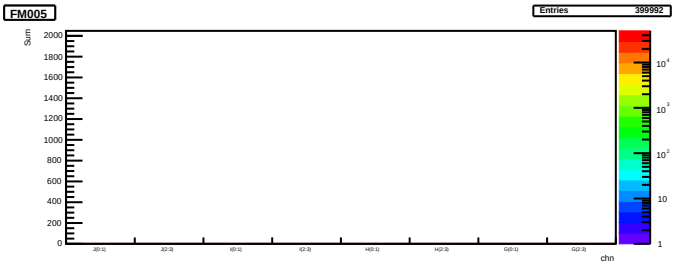

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

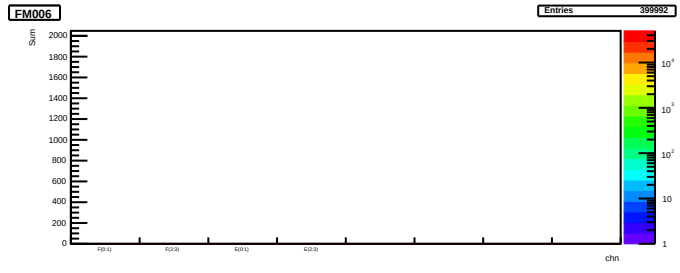

FM001
Entries 399992
Sum
chn

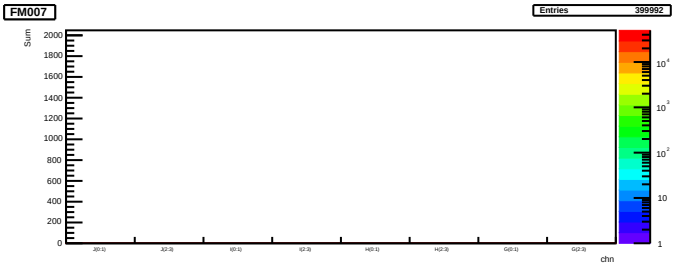

FM002
Entries 399992
Sum
chn

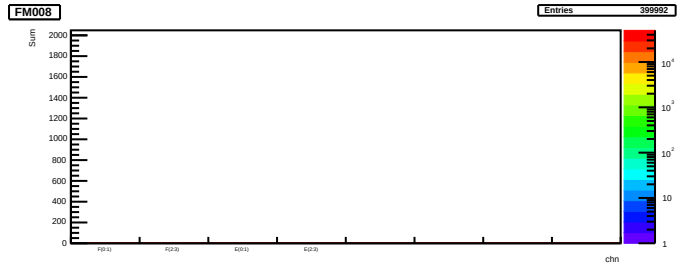

FM003
Entries 399992
Sum
chn

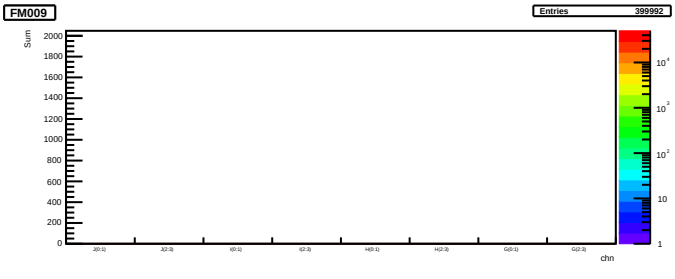

FM004
Entries 399992
Sum
chn

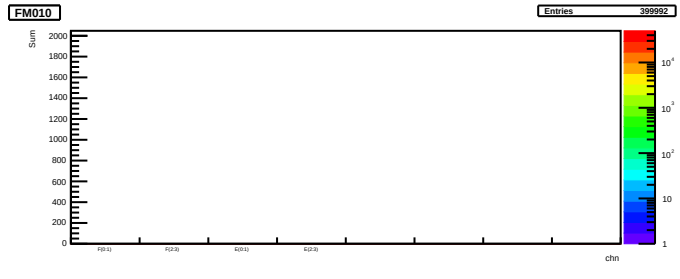

FM005
Entries 399992
Sum
chn

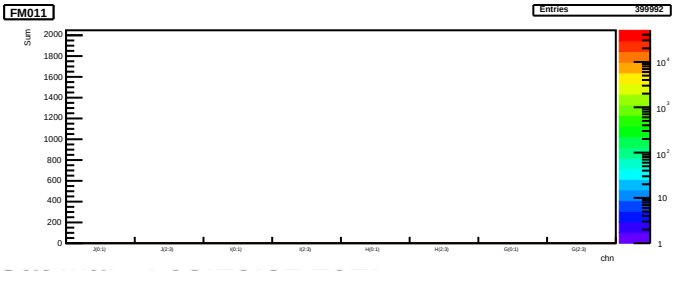

FM006
Entries 399992
Sum
chn

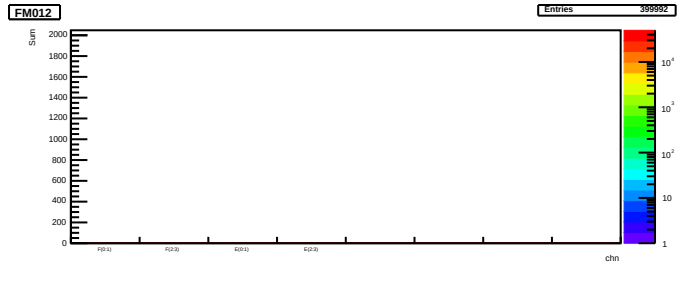

FM007
Entries 399992
Sum
chn

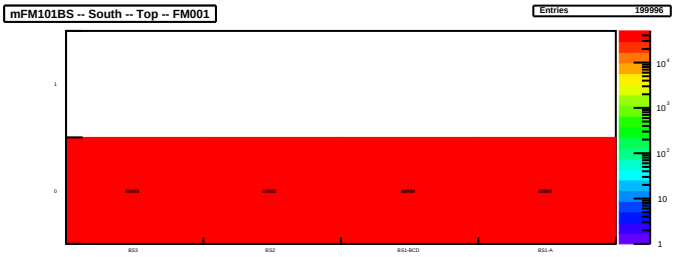

FM008
Entries 399992
Sum
chn

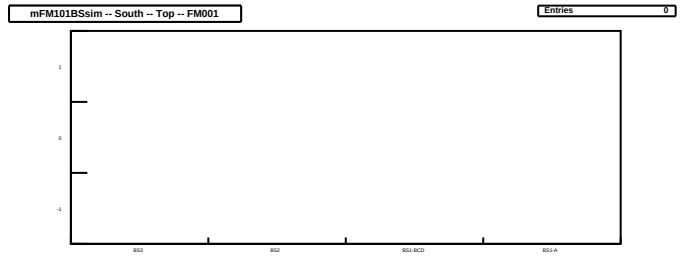

FM009
Entries 399992
Sum
chn


FM010
Entries 399992
Sum
chn


FM011
Entries 399992
Sum
chn


FM012
Entries 399992
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 199996
BS3
BS2
BS1-BCD
BS1-A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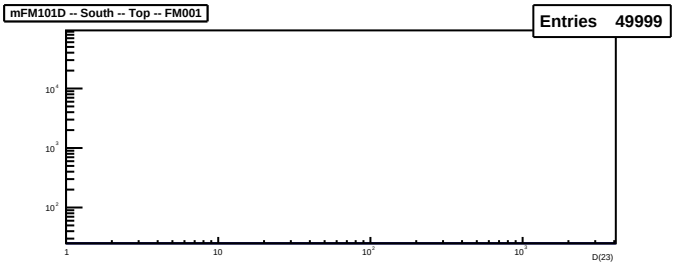
BS3
BS2
BS1-BCD
BS1-A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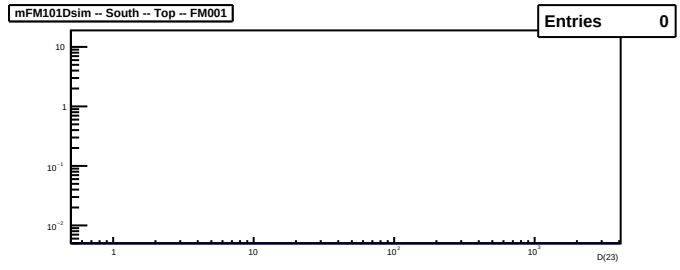
Entries 49999
D(23)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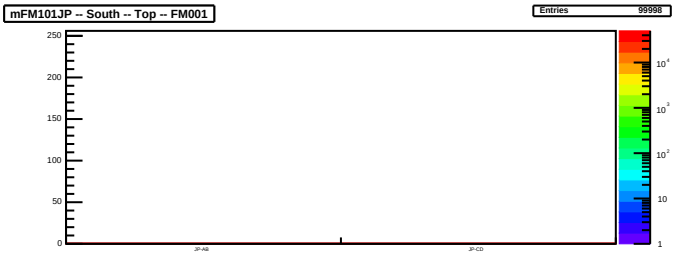
D(23)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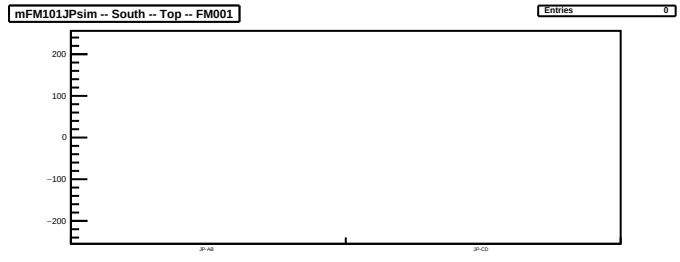
Entries 99998
JP-AB
JP-CD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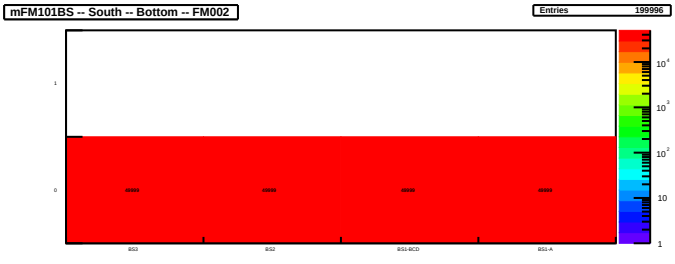
JP-AB
JP-CD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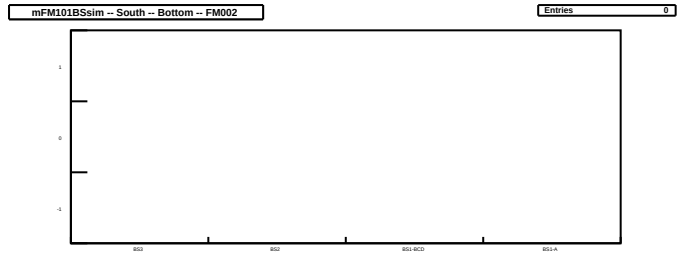
Entries 199996
BS3
BS2
BS1-BCD
BS1-A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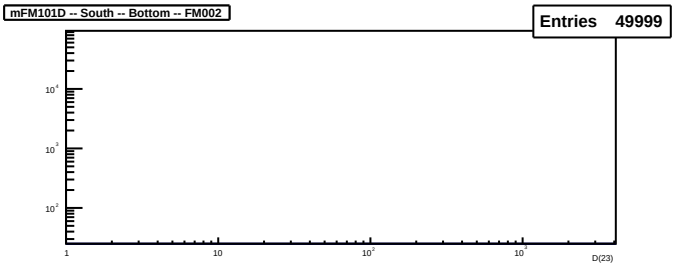
Entries 0
BS3
BS2
BS1-BCD
BS1-A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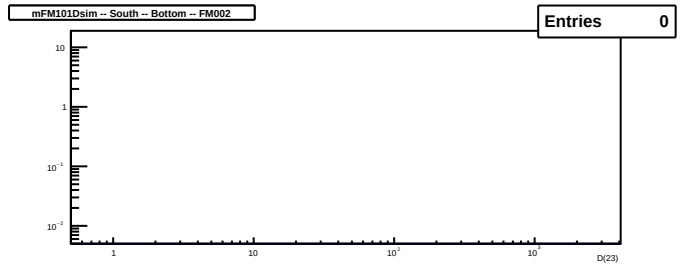
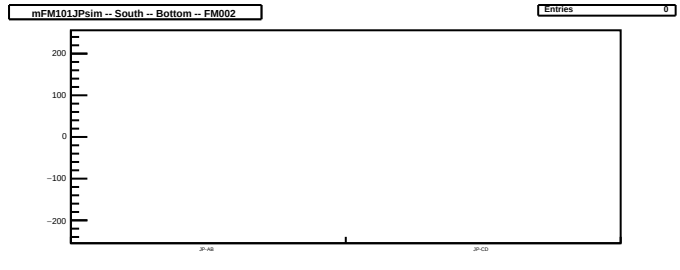
Entries 49999
D(23)


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

mFM101JP -- South -- Bottom -- FM002
Entries 99998
JP-AB
JP-CD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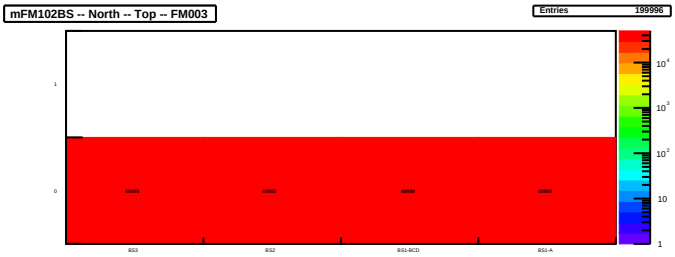
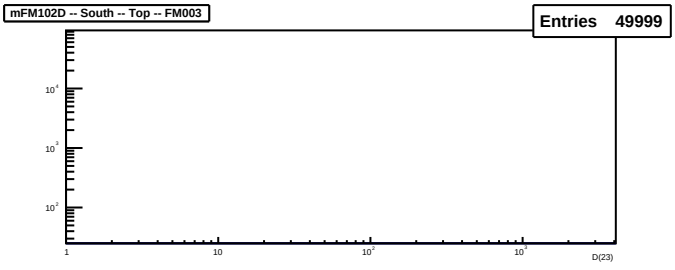
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 199996
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A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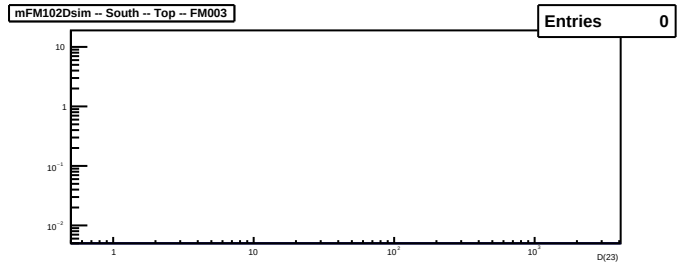
Entries 49999
D(23)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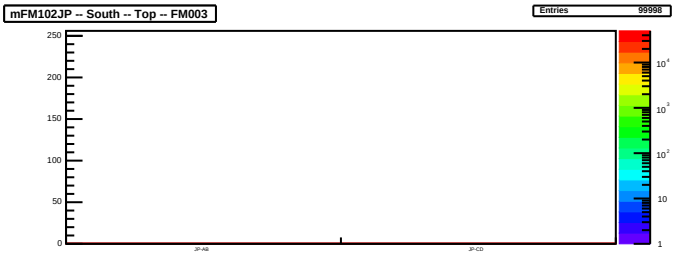
Entries 0
D(23)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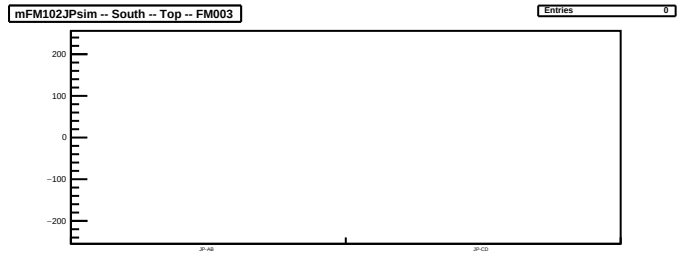
Entries 99998
JP-AB
JP-CD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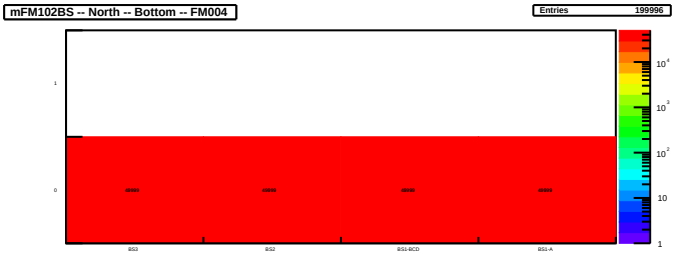
Entries 0
JP-AB
JP-CD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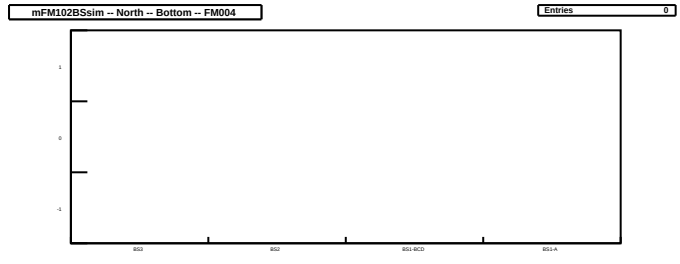
Entries 199996
BS3
BS2
BS1-BCD
BS1-A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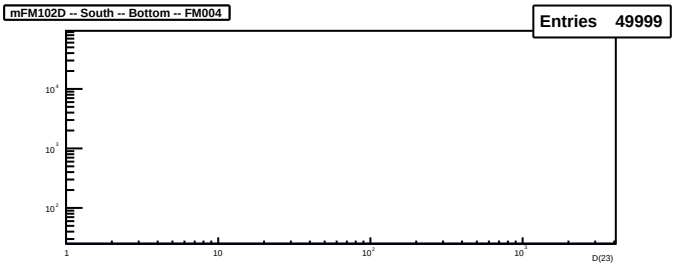
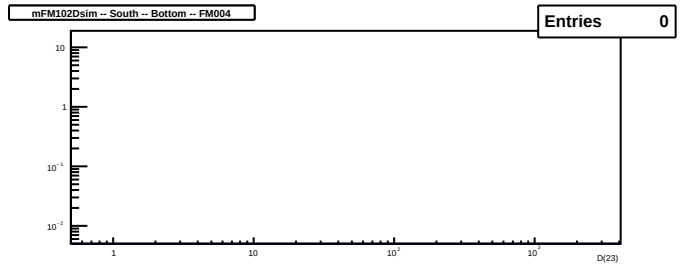
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 49999
D(23)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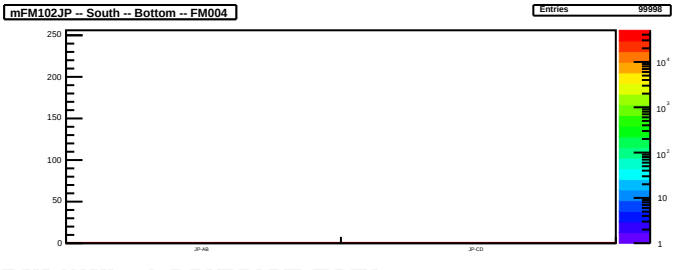
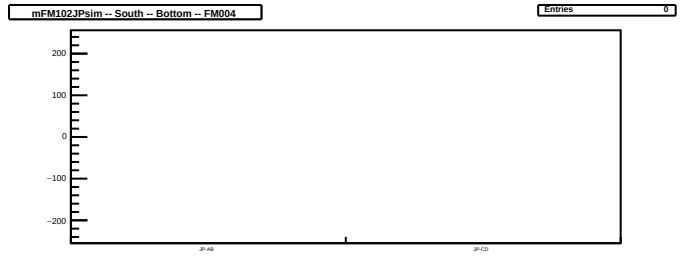
Entries 0
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 99998
JP-AB
JP-CD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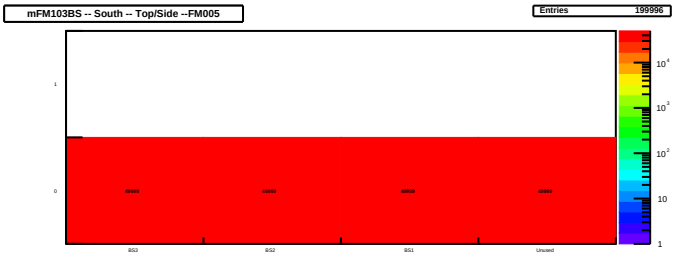
Entries 0
JP-AB
JP-CD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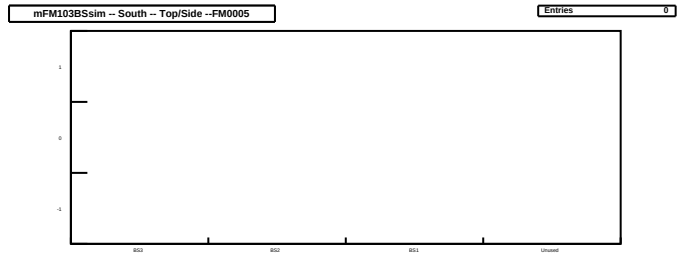
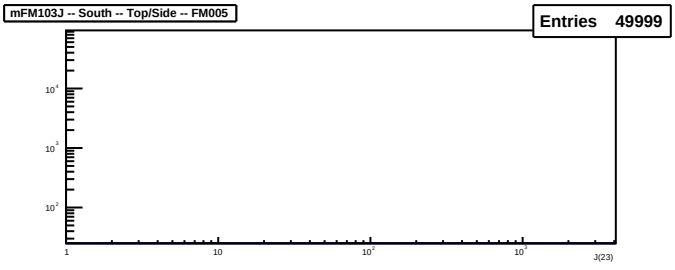
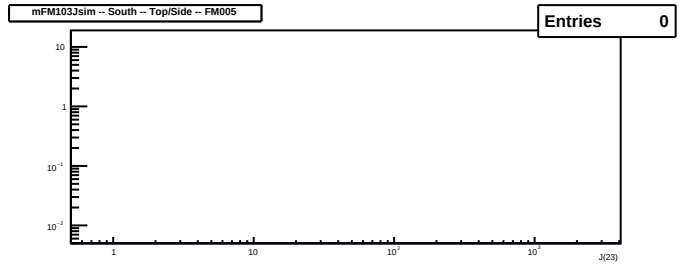
Entries 199996
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Top/Side --FM0005
Entries 0
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 49999
J(23)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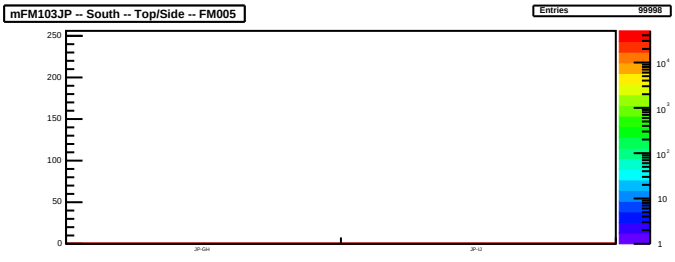
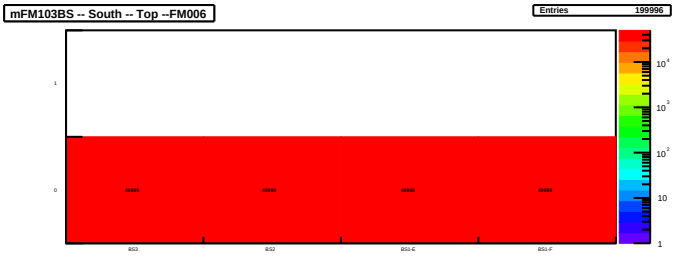
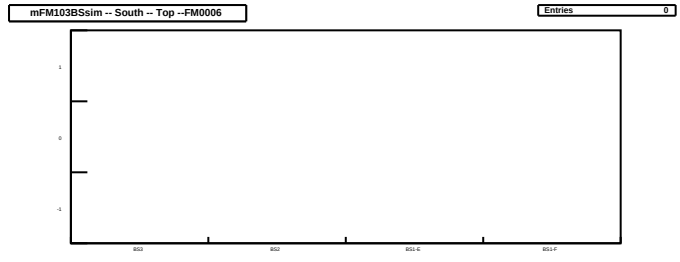
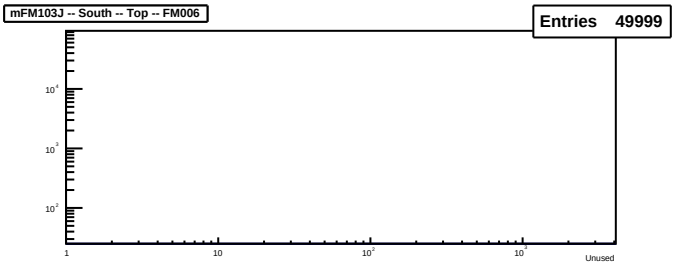
Entries 0
J(23)

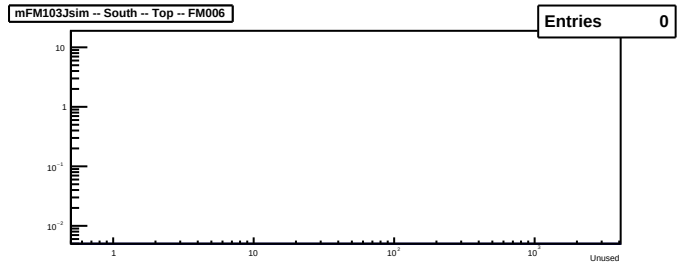

mFM103JP -- South -- Top/Side -- FM005
Entries 99998
JP-GH
JP-IJ

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


mFM103BS -- South -- Top --FM006
Entries 199996
BS3
BS2
BS1-E
BS1-F


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


mFM103J -- South -- Top -- FM006
Entries 49999
Unused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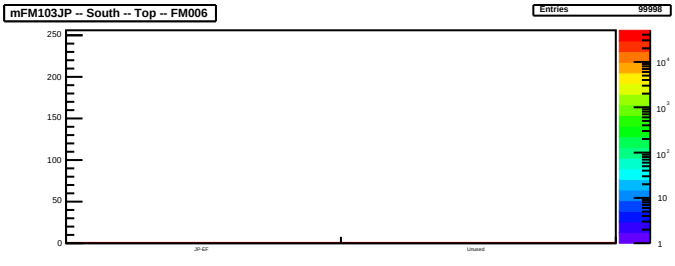
Entries 0
Unused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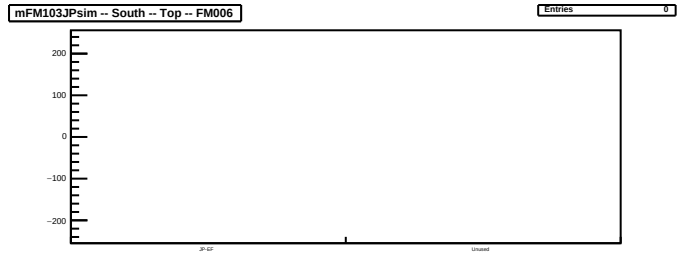
Entries 99998
JP-EF
Unused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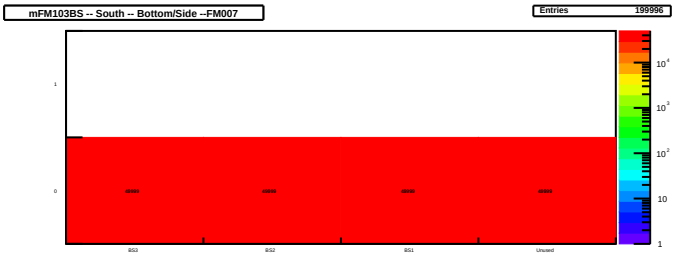
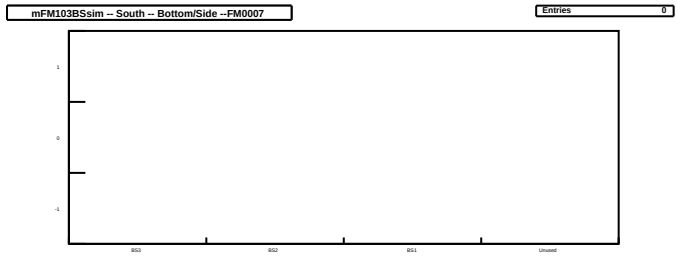
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 199996
BS3
BS2
BS1
Unused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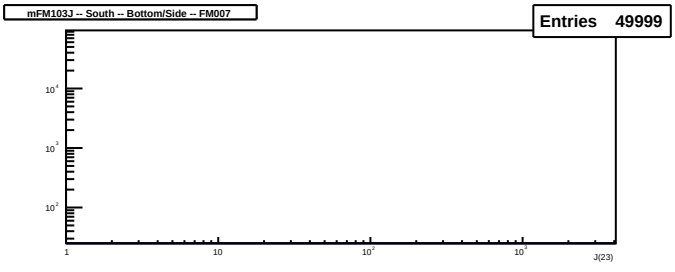
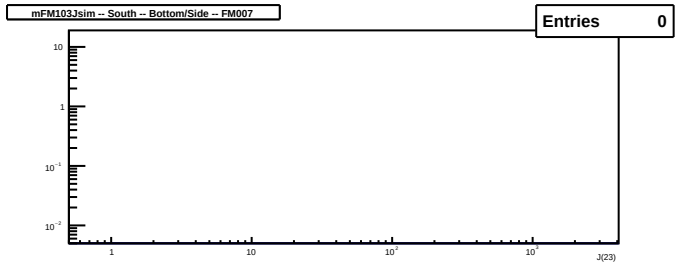
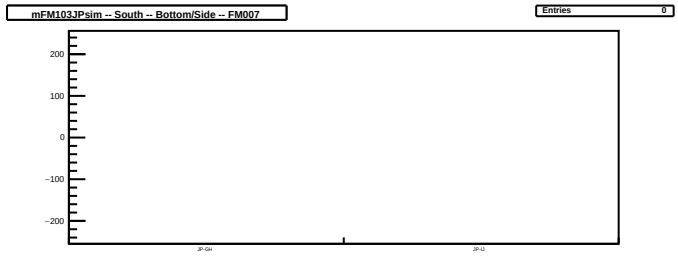
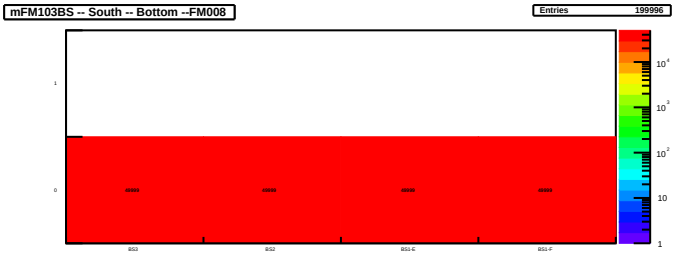
Entries 0
BS3
BS2
BS1
Unused

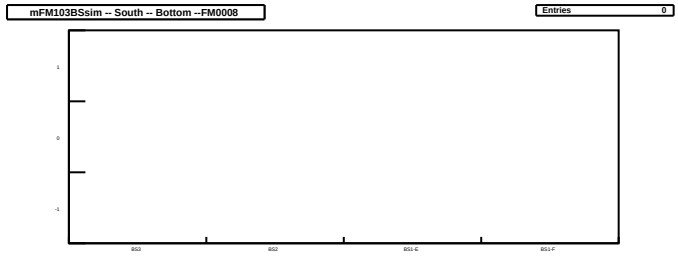

mFM103J -- South -- Bottom/Side -- FM007
Entries 49999
J(23)

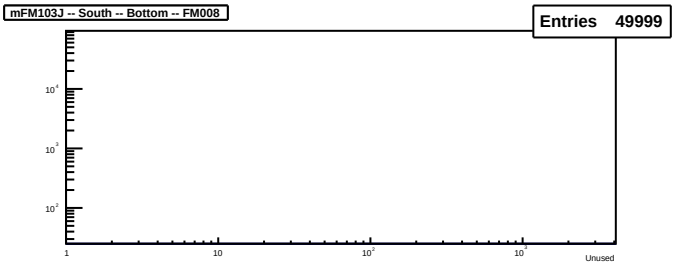

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

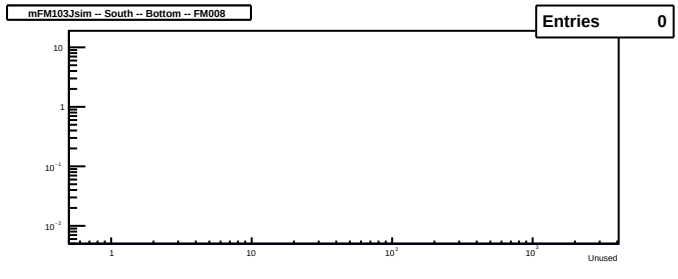
mFM103JP -- South -- Bottom/Side -- FM007
Entries 99998
JP-GH
JP-IJ


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


mFM103BS -- South -- Bottom --FM008
Entries 199996
BS3
BS2
BS1-E
BS1-F


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


mFM103J -- South -- Bottom -- FM008
Entries 49999
Unused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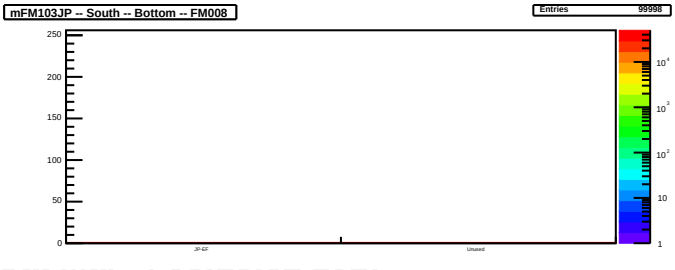
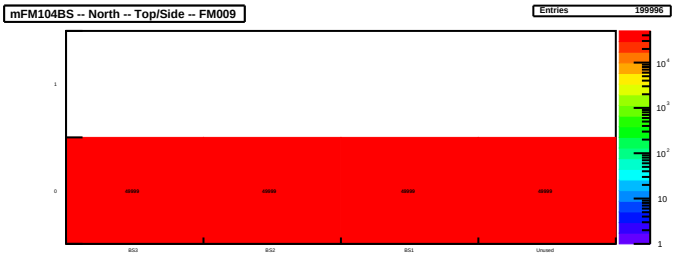
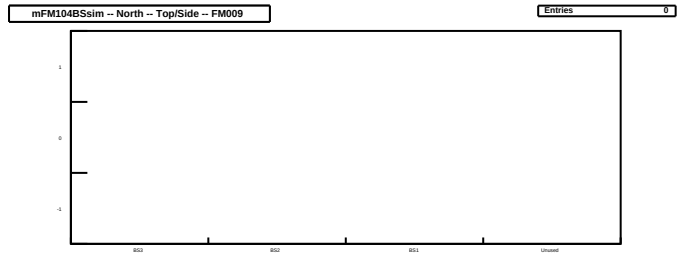
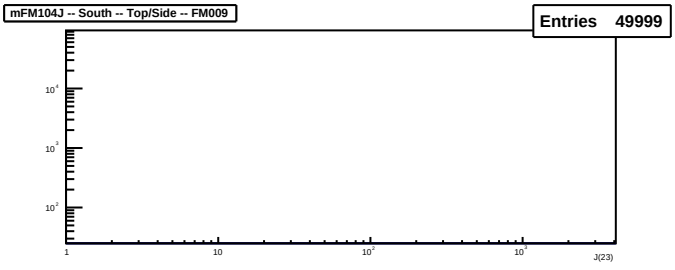
Entries 0
Unused

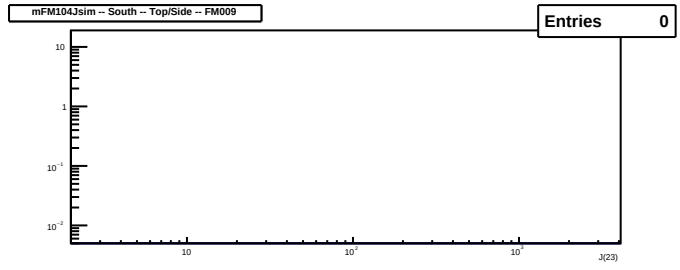

mFM103JP -- South -- Bottom -- FM008
Entries 99998
JP-EF
Unused

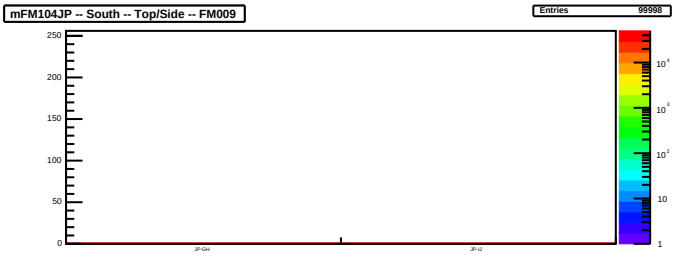
mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 199996
BS3
BS2
BS1
Unused

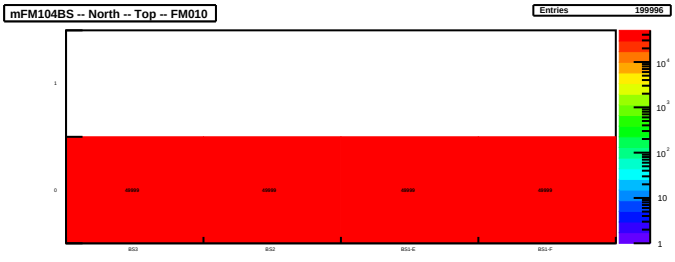

mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused

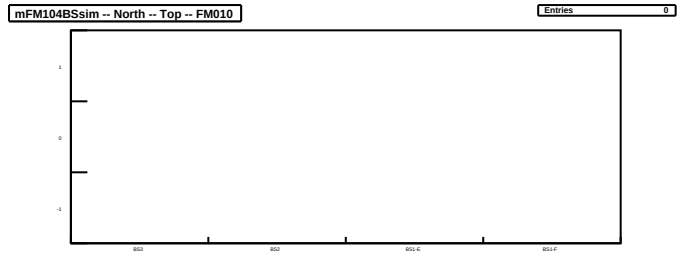

mFM104J -- South -- Top/Side -- FM009
Entries 49999
J(23)

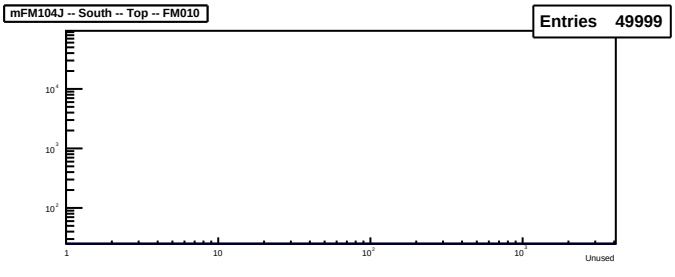

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

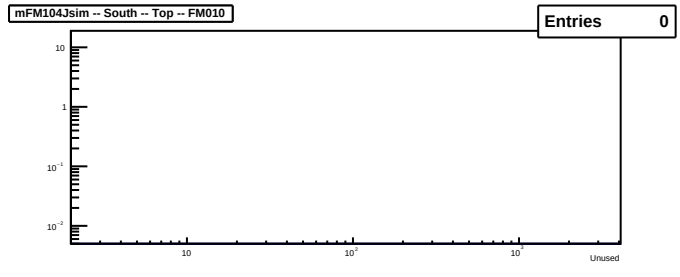

mFM104JP -- South -- Top/Side -- FM009
Entries 99998
JP-GH
JP-IJ

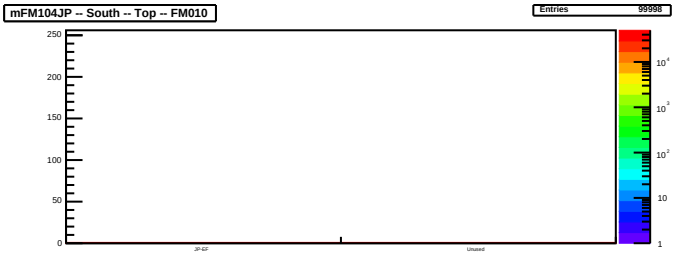
mFM104JPsim -- South -- Top/Side -- FM009
Entries 0
JP-GH
JP-IJ


mFM104BS -- North -- Top -- FM010
Entries 199996
BS3
BS2
BS1-E
BS1-F

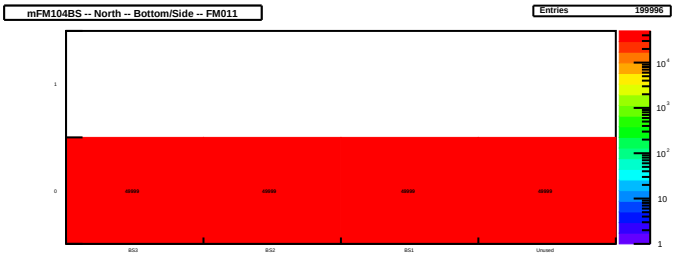

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

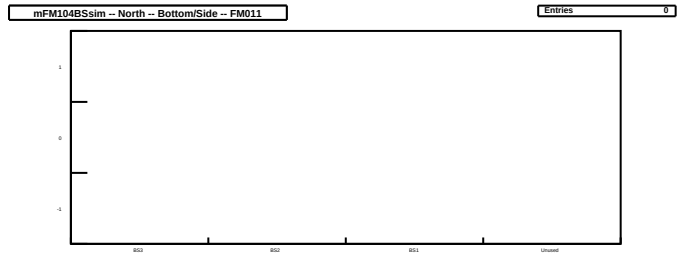

mFM104J -- South -- Top -- FM010
Entries 49999
Unused

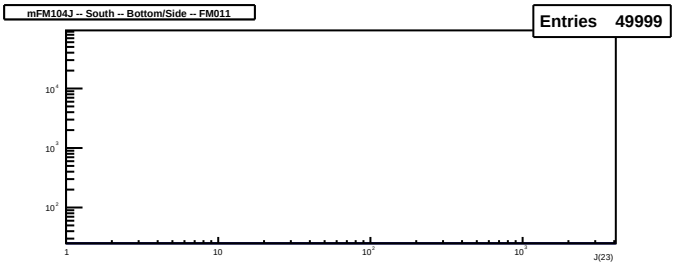

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

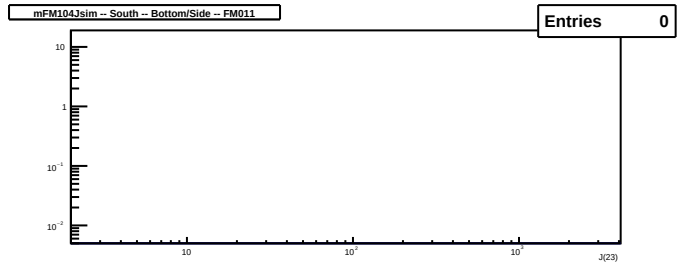

mFM104JP -- South -- Top -- FM010
Entries 99998
JP-EF
Unused

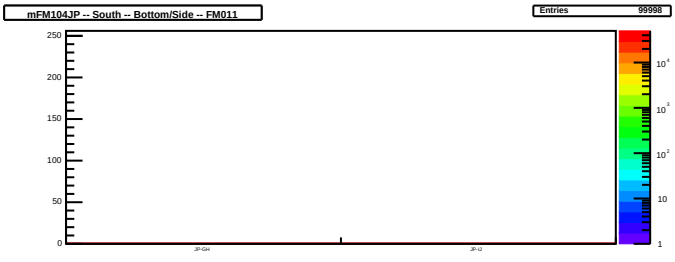
mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

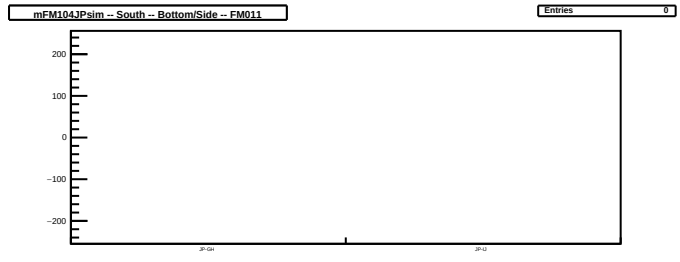

mFM104BS -- North -- Bottom/Side -- FM011
Entries 199996
49999
49999
49999
49999
BS3
BS2
BS1
Unused

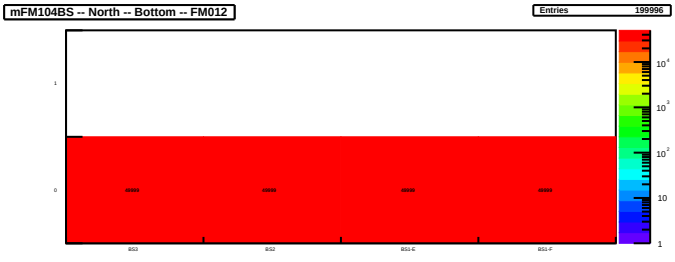

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

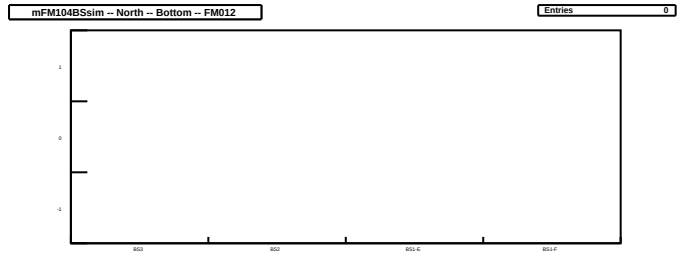

mFM104J -- South -- Bottom/Side -- FM011
Entries 49999
J(23)

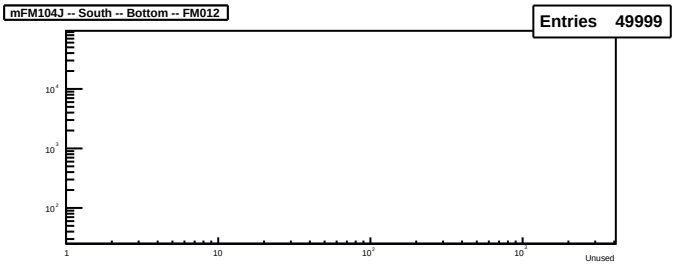

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

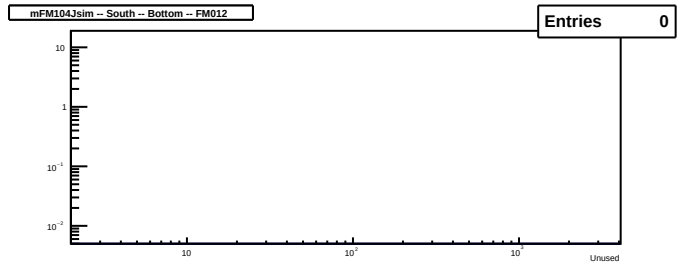

mFM104JP -- South -- Bottom/Side -- FM011
Entries 99998
JP-GH
JP-IJ


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

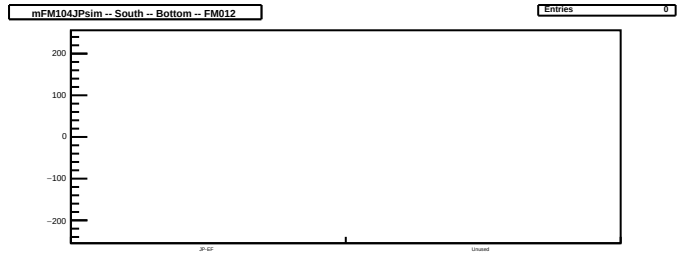

mFM104BS -- North -- Bottom -- FM012
Entries 199996
49999
49999
49999
49999
BS3
BS2
BS1-E
BS1-F

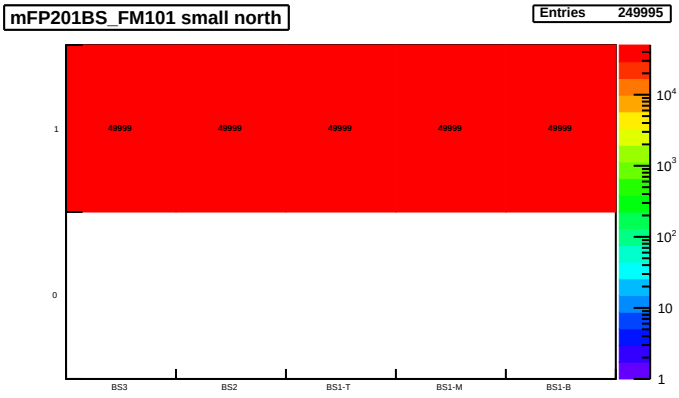

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

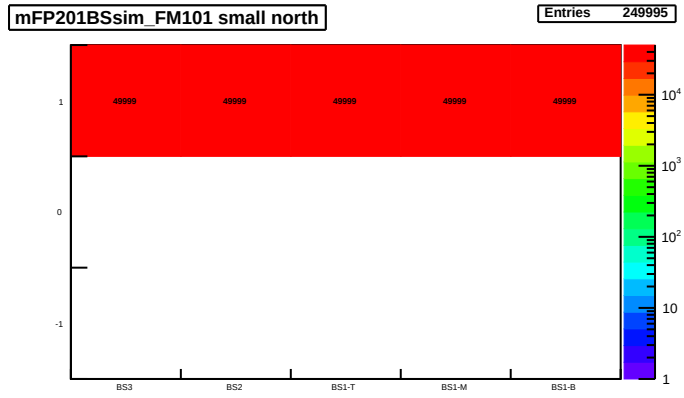

mFM104J -- South -- Bottom -- FM012
Entries 49999
Unused

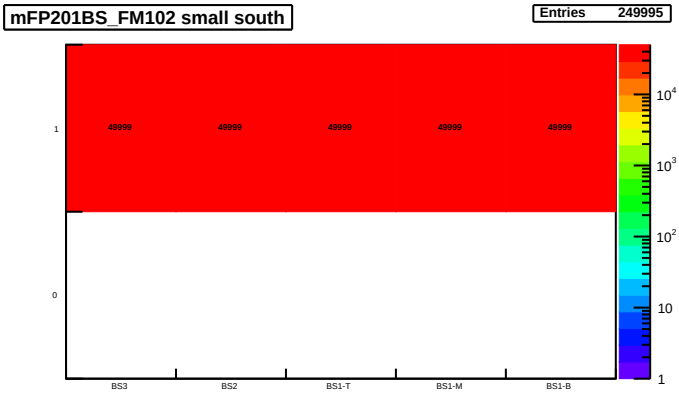

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

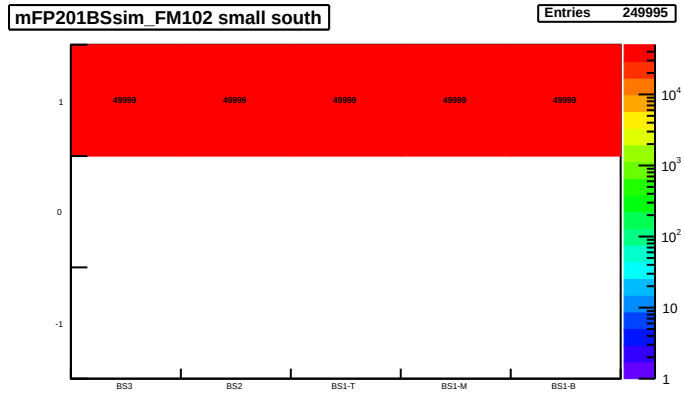
mFM104JP -- South -- Bottom -- FM012
Entries 99998
JP-EF
Unused

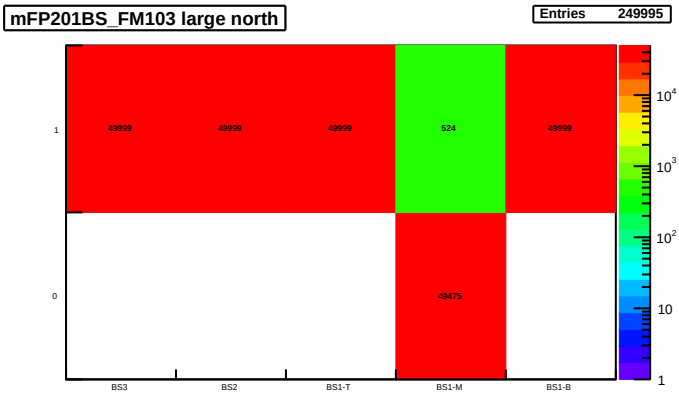

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

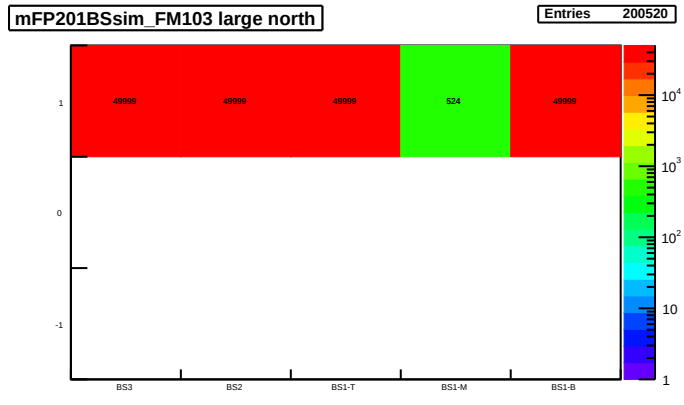

mFP201BS_FM101 small north
Entries 249995
49999
BS3
BS2
BS1-T
BS1-M
BS1-B

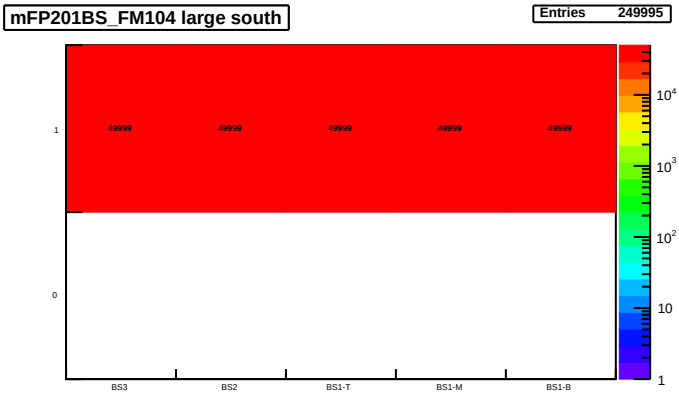

mFP201BSsim_FM101 small north
Entries 249995
49999
BS3
BS2
BS1-T
BS1-M
BS1-B

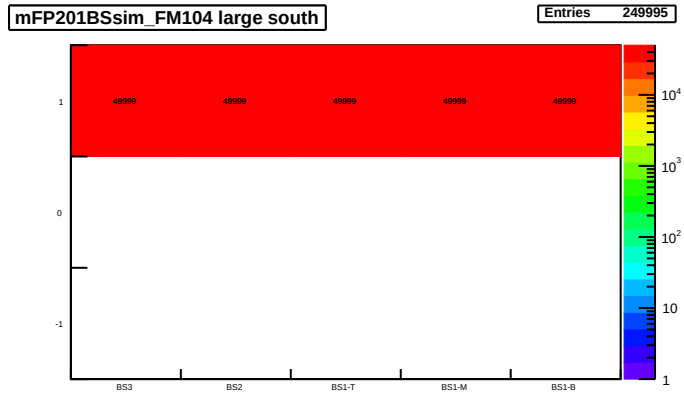

mFP201BS_FM102 small south
Entries 249995
49999
BS3
BS2
BS1-T
BS1-M
BS1-B

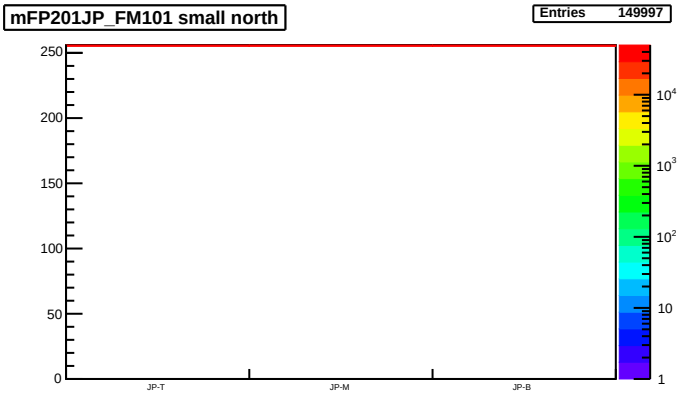

mFP201BSsim_FM102 small south
Entries 249995
49999
BS3
BS2
BS1-T
BS1-M
BS1-B

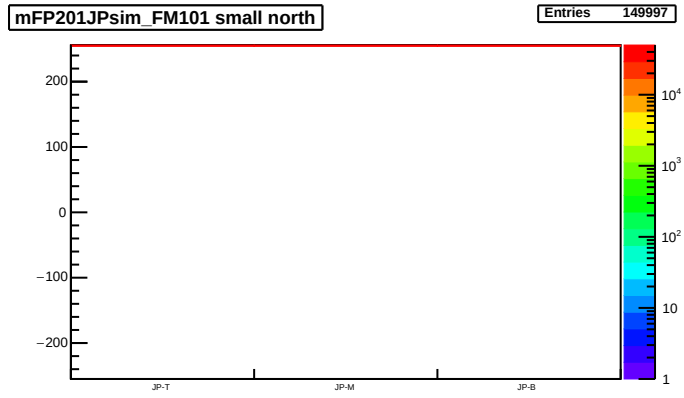

mFP201BS_FM103 large north
Entries 249995
49999
524
49475
BS3
BS2
BS1-T
BS1-M
BS1-B

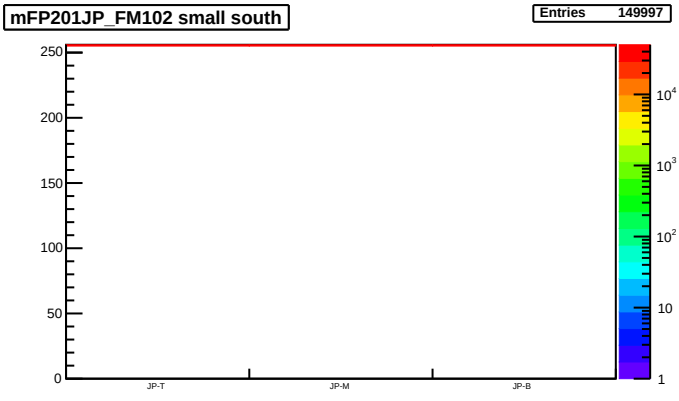

mFP201BSsim_FM103 large north
Entries 200520
49999
524
BS3
BS2
BS1-T
BS1-M
BS1-B

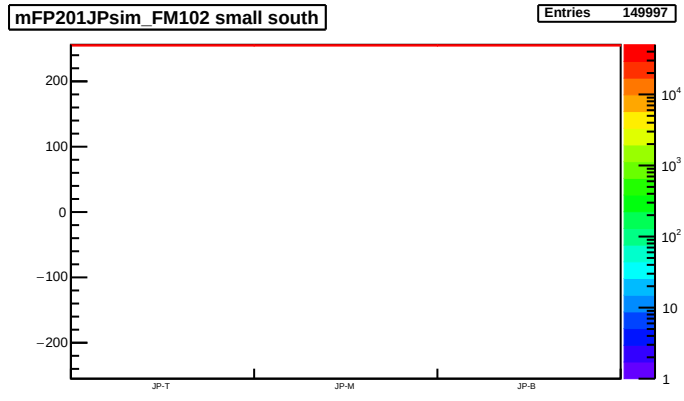

mFP201BS_FM104 large south
Entries 249995
49999
BS3
BS2
BS1-T
BS1-M
BS1-B

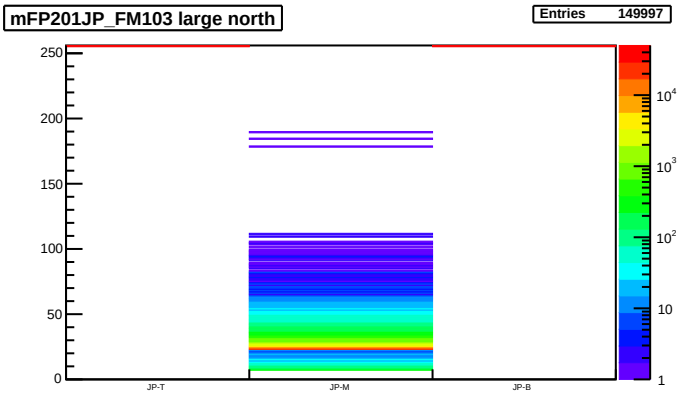

mFP201BSsim_FM104 large south
Entries 249995
49999
BS3
BS2
BS1-T
BS1-M
BS1-B

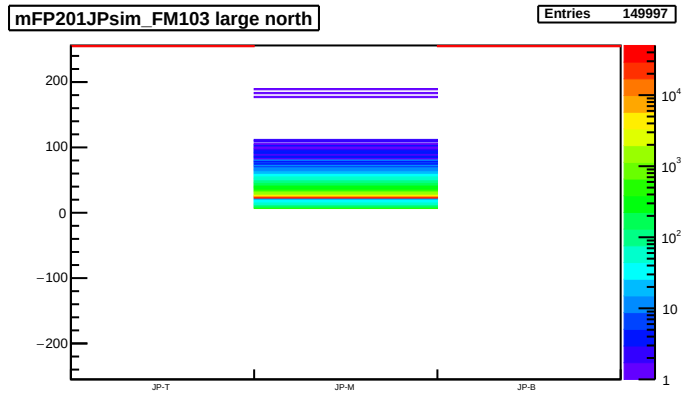

mFP201JP_FM101 small north
Entries 149997
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

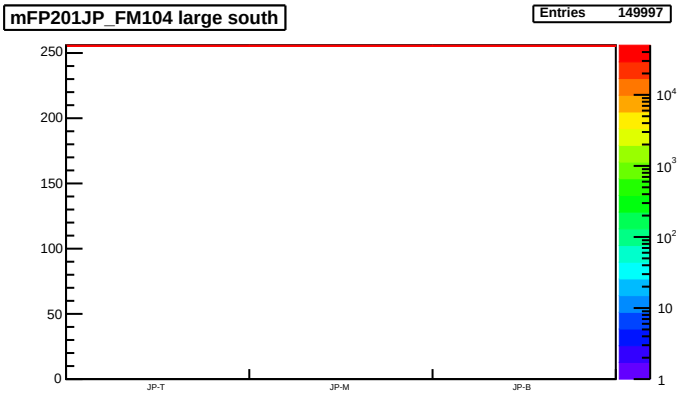

mFP201JPsim_FM101 small north
Entries 149997
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

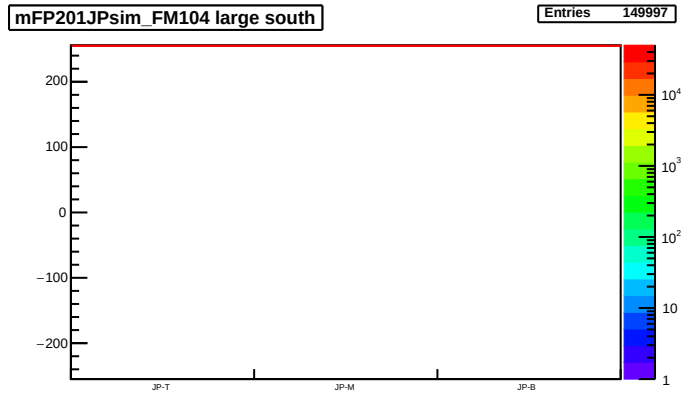

mFP201JP_FM102 small south
Entries 149997
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

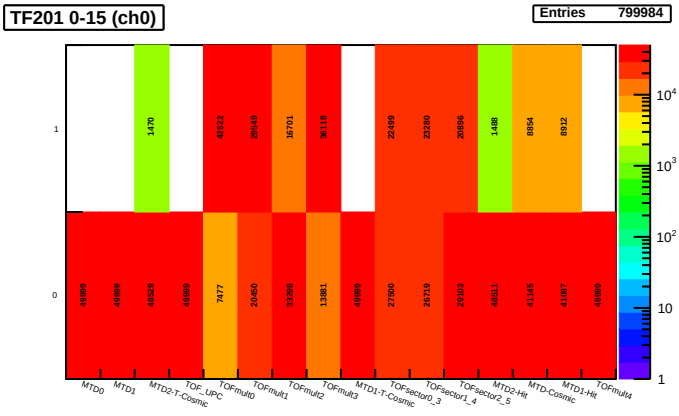

mFP201JPsim_FM102 small south
Entries 149997
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

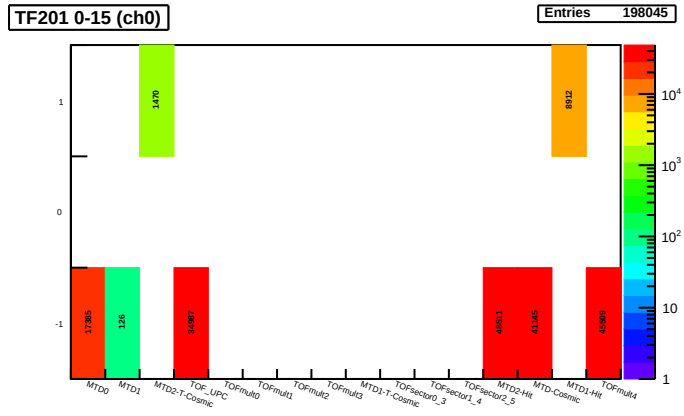

mFP201JP_FM103 large north
Entries 149997
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

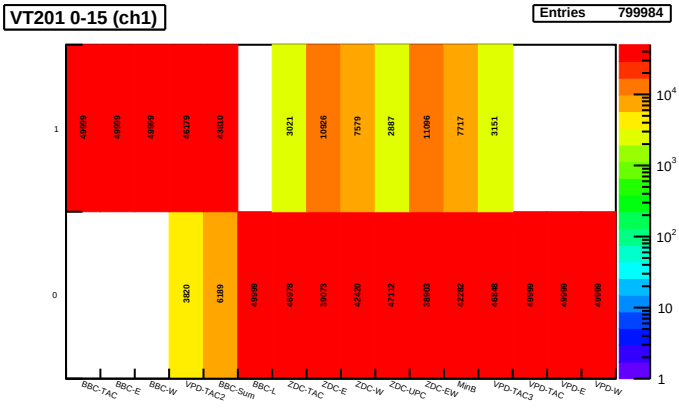

mFP201JPsim_FM103 large north
Entries 149997
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

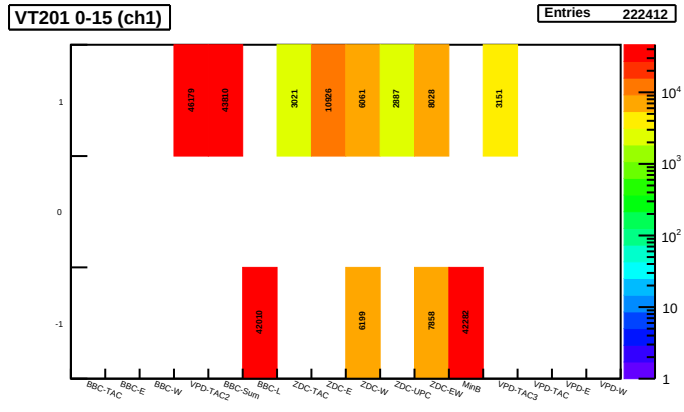

mFP201JP_FM104 large south
Entries 149997
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

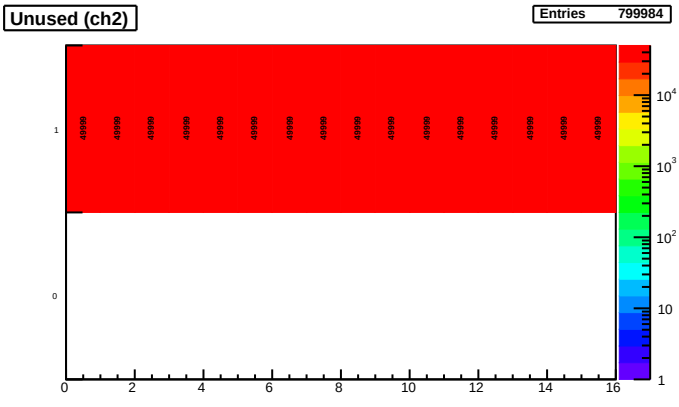

mFP201JPsim_FM104 large south
Entries 149997
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

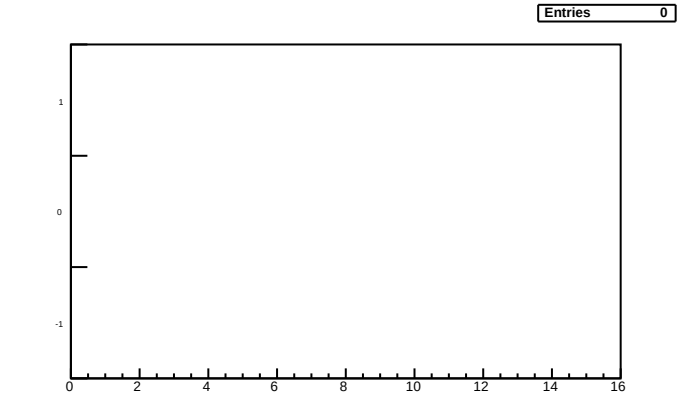

TF201 0-15 (ch0)
Entries 799984
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

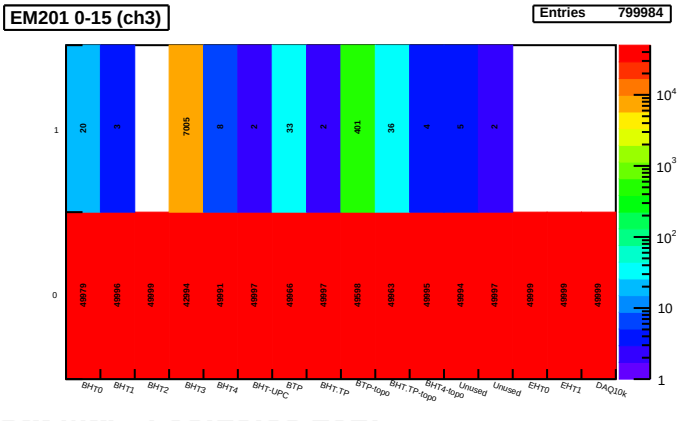

TF201 0-15 (ch0)
Entries 198045
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

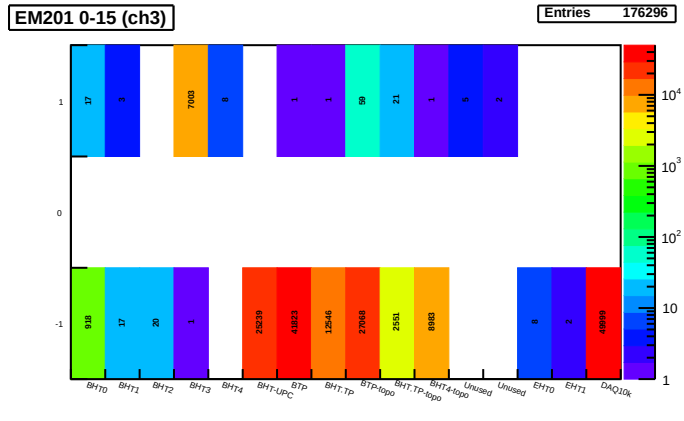

VT201 0-15 (ch1)
Entries 799984
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

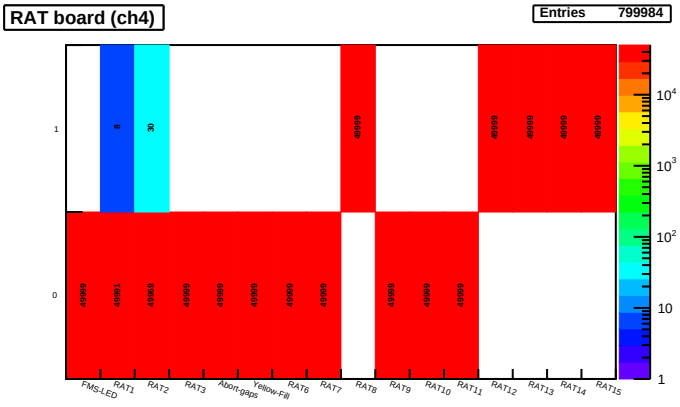

VT201 0-15 (ch1)
Entries 222412
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

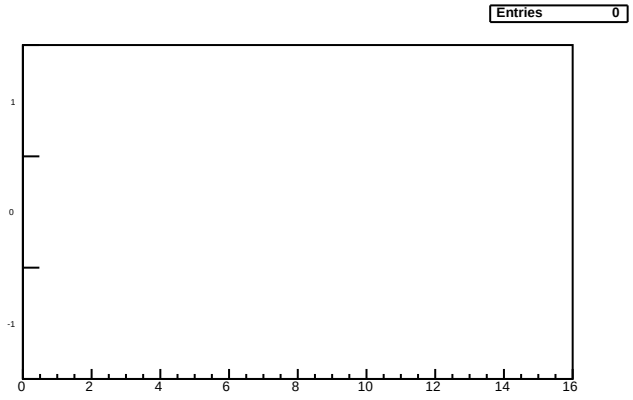

Unused (ch2)
Entries 799984

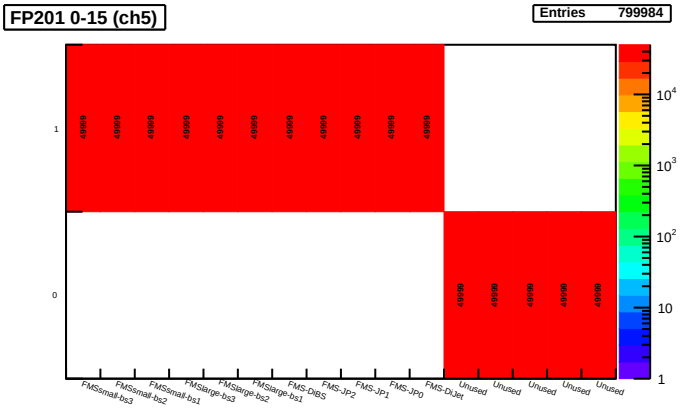

Entries 0

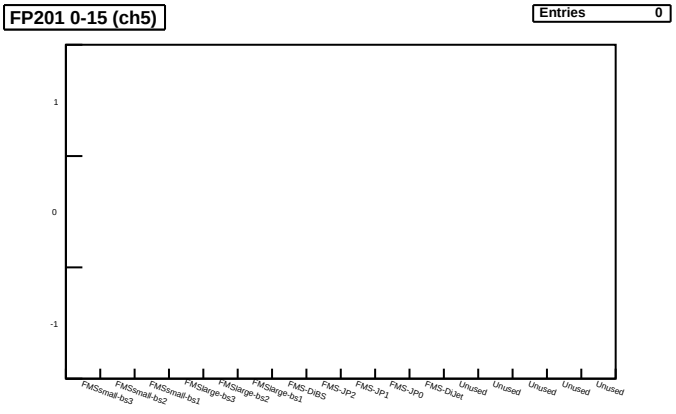

EM201 0-15 (ch3)
Entries 799984
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

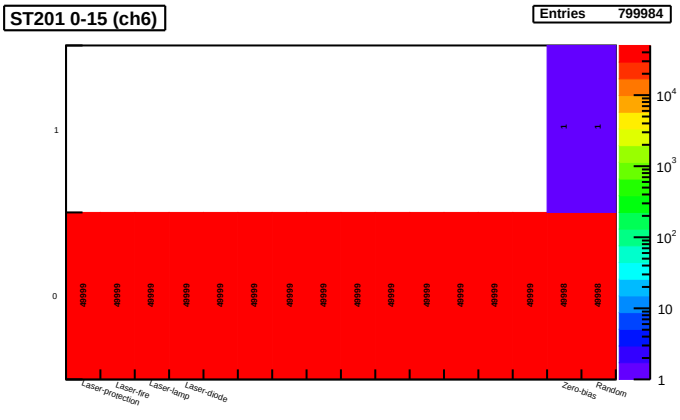

EM201 0-15 (ch3)
Entries 176296
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

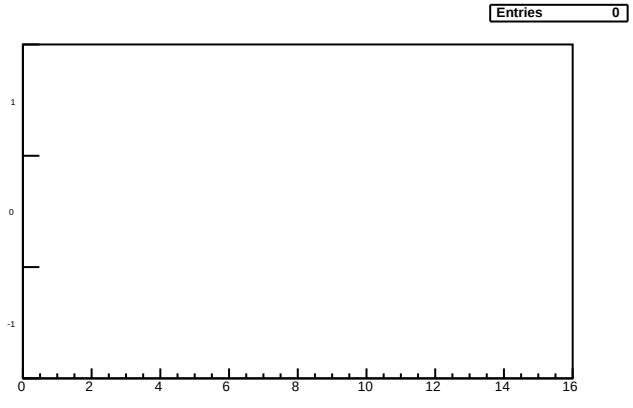

RAT board (ch4)
Entries 799984
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

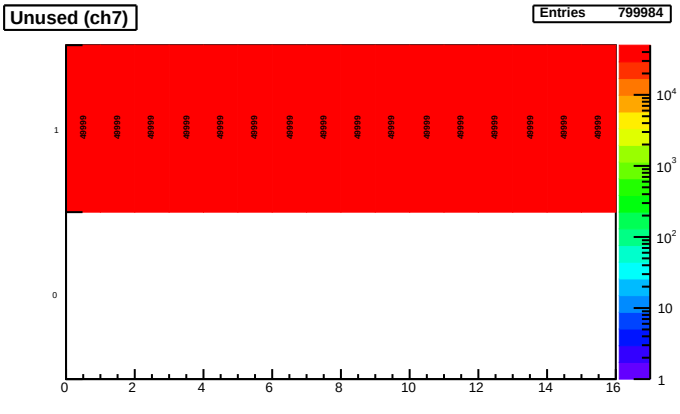

Entries 0


FP201 0-15 (ch5)
Entries 799984
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 799984
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0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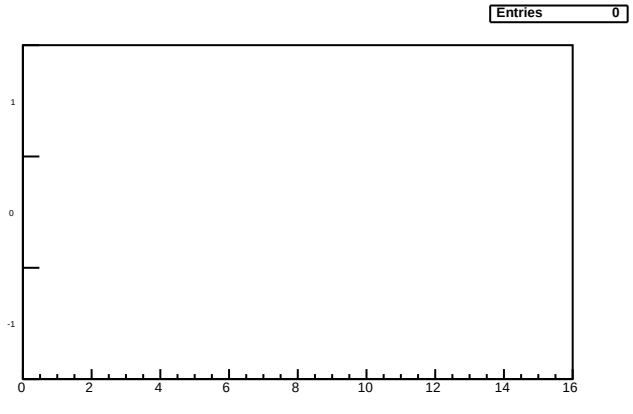
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