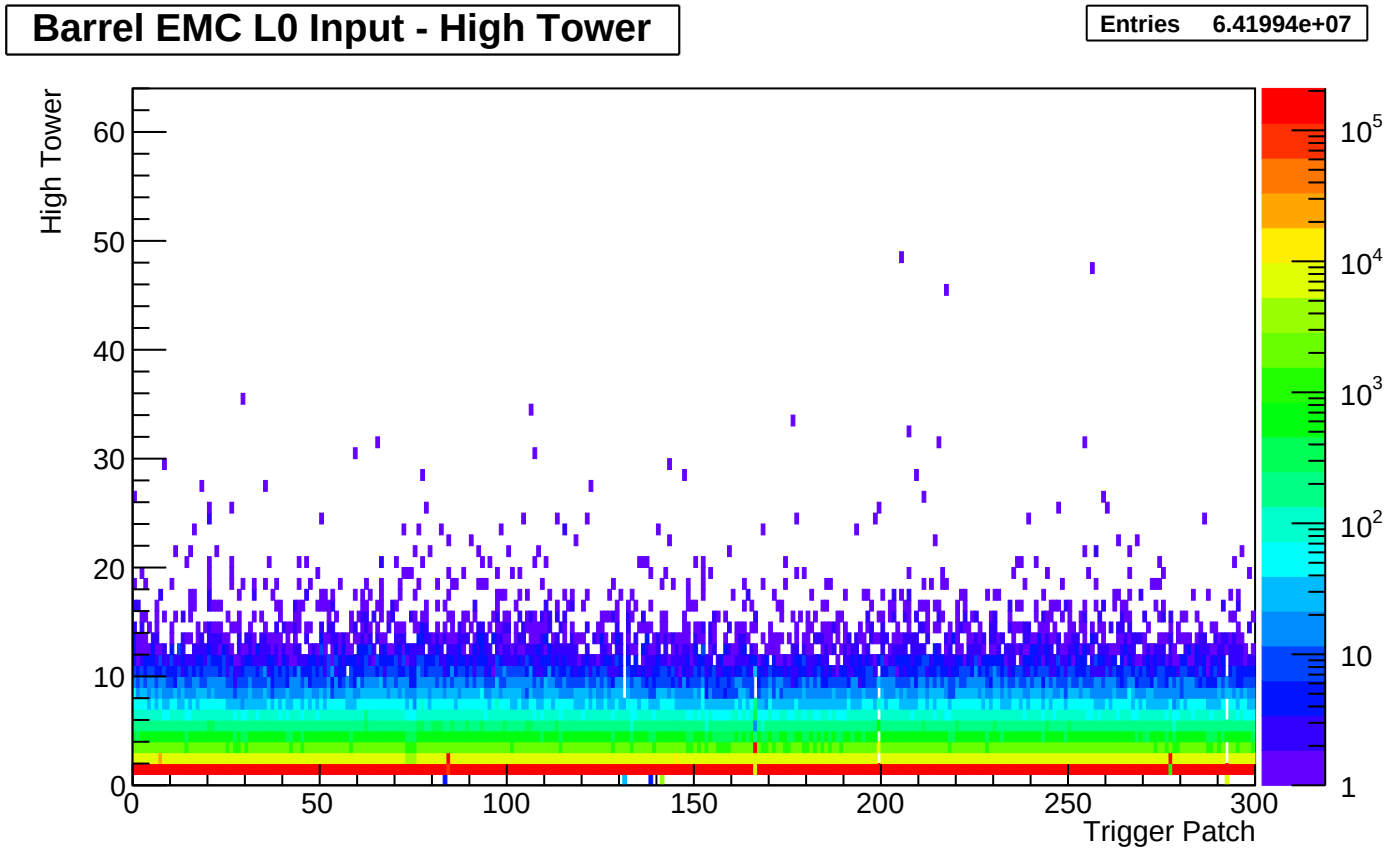
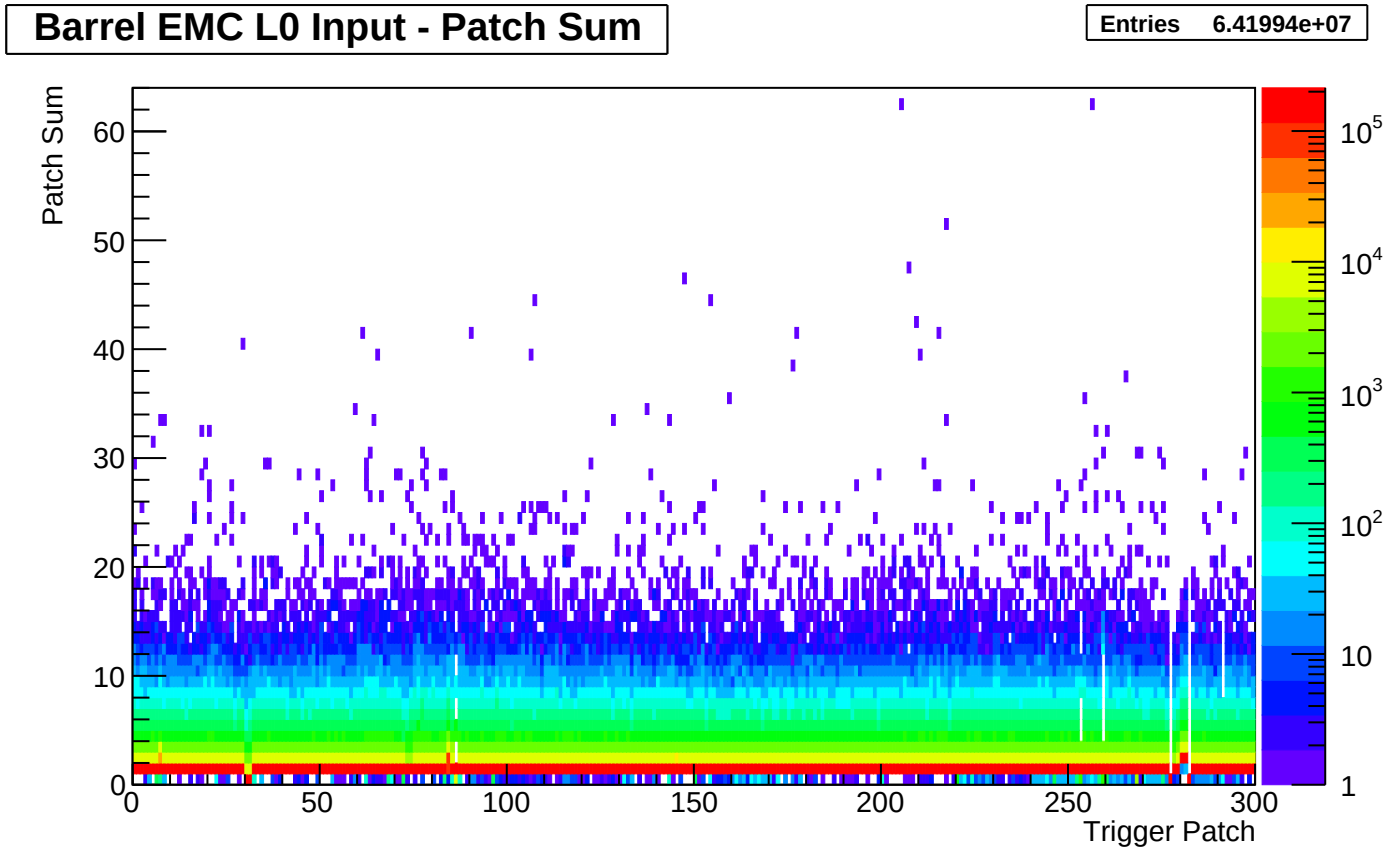
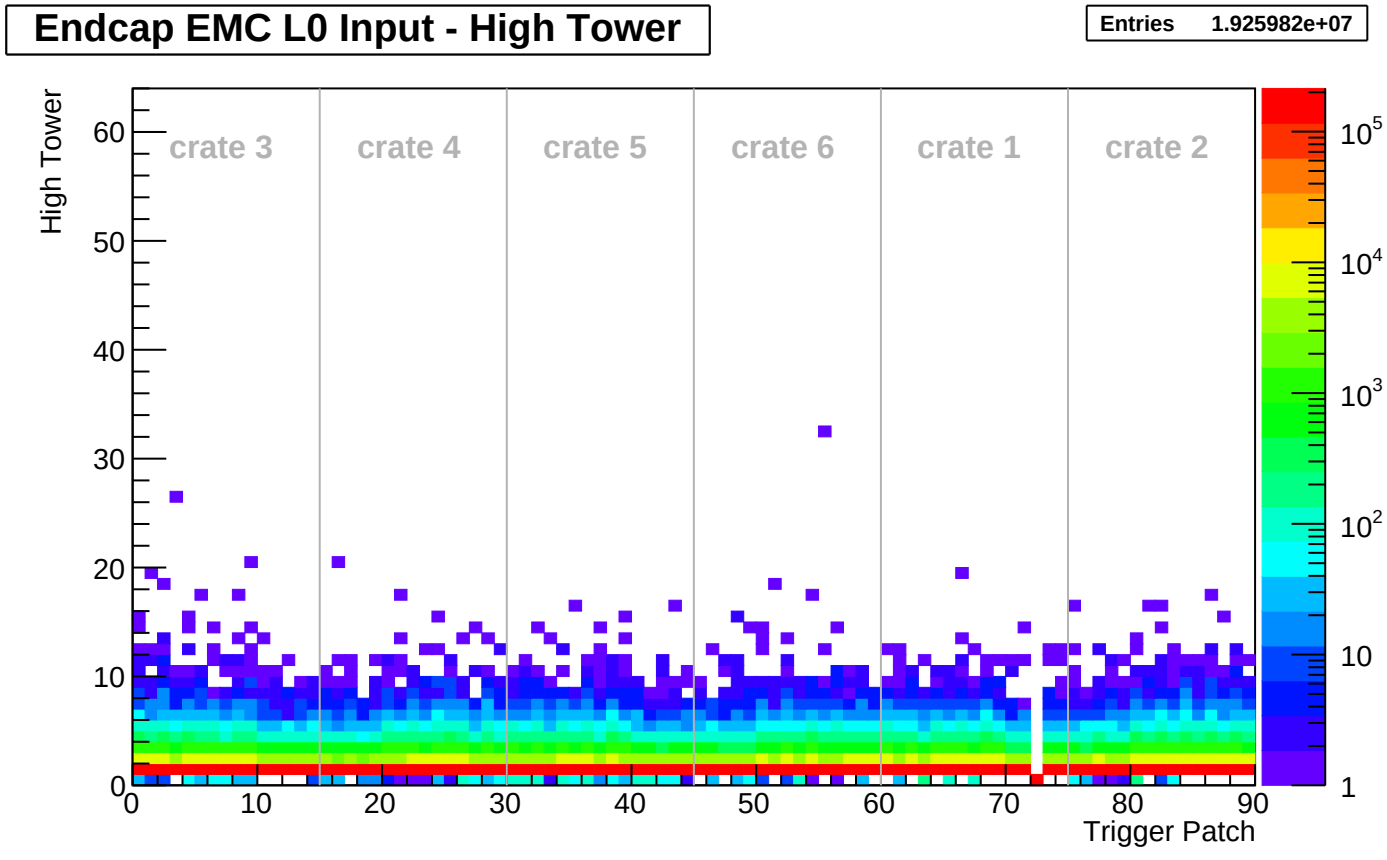
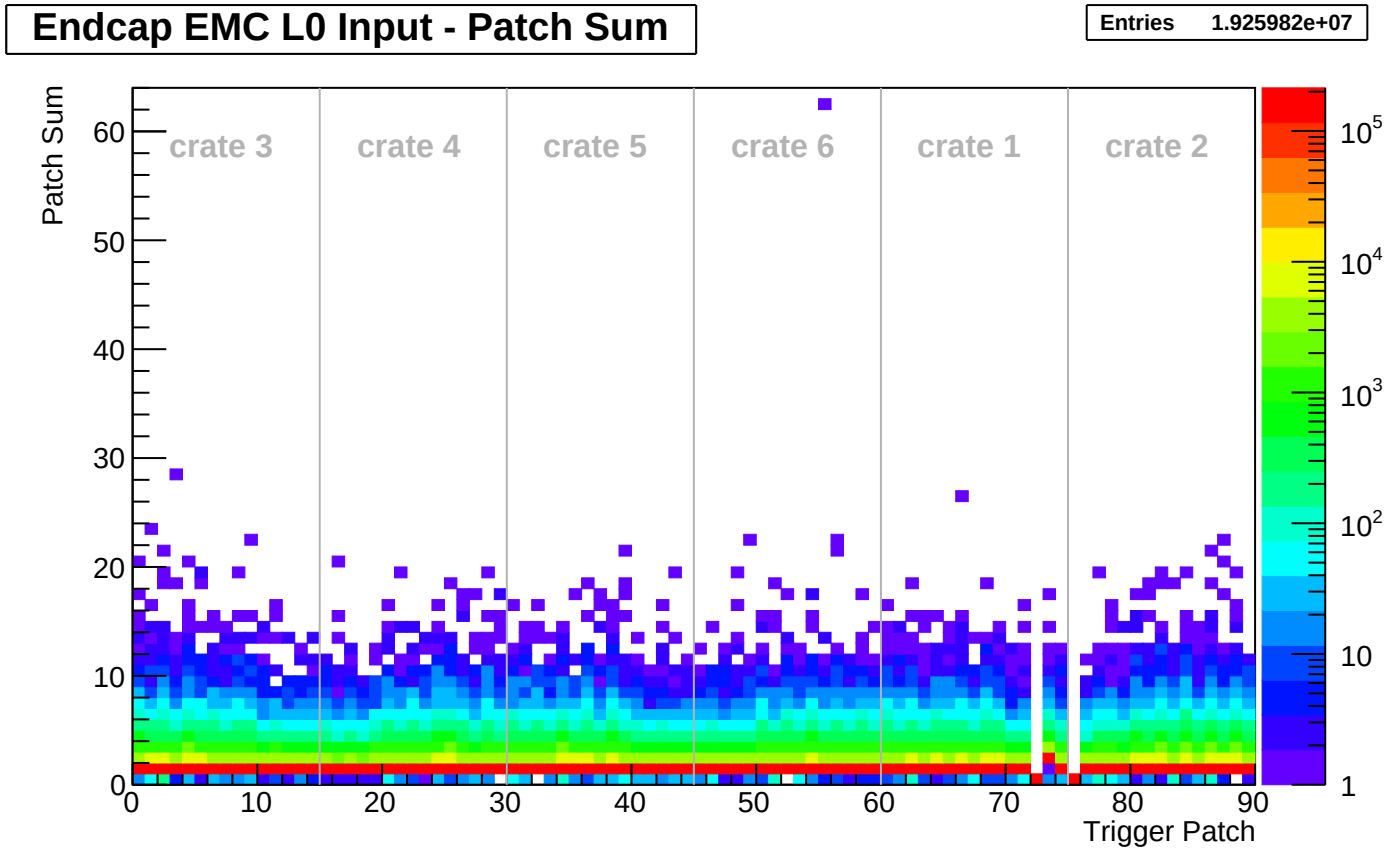
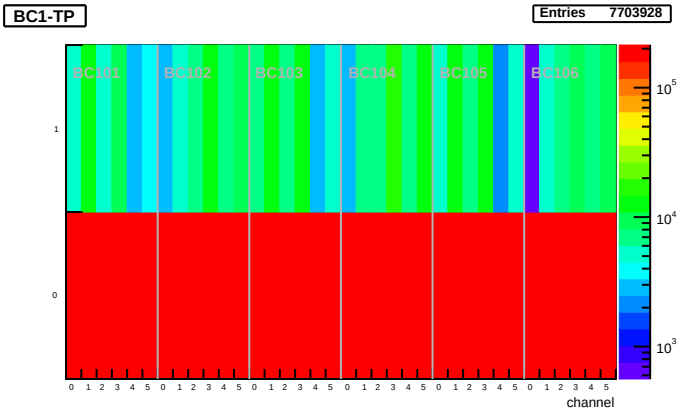
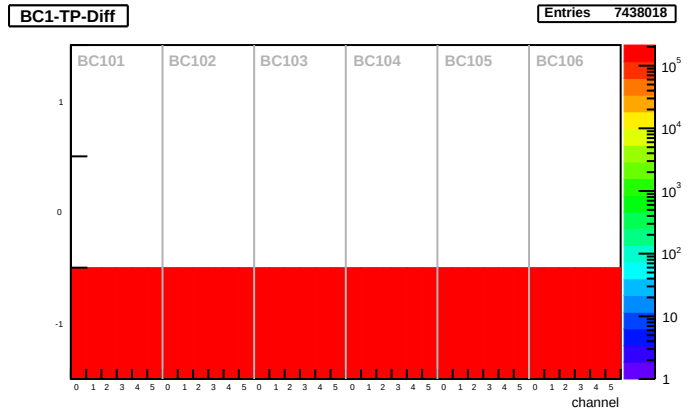

Barrel EMC L0 Input - High Tower
Entries 6.41994e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$

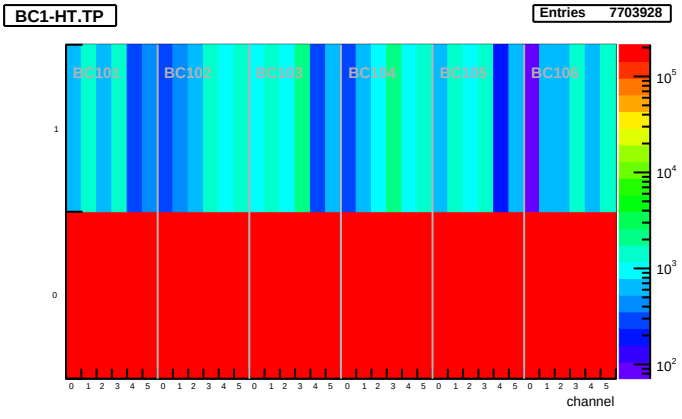

Barrel EMC L0 Input - Patch Sum
Entries 6.41994e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$

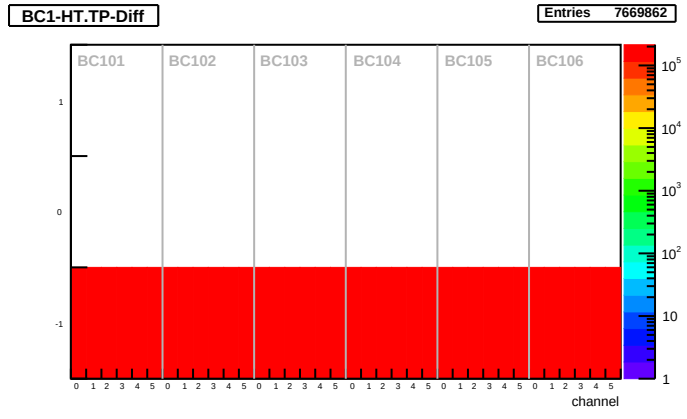

Endcap EMC L0 Input - High Tower
Entries 1.925982e+07
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

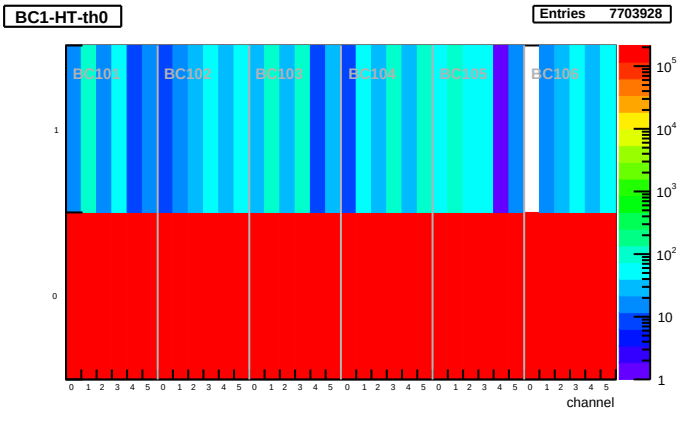

Endcap EMC L0 Input - Patch Sum
Entries 1.925982e+07
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

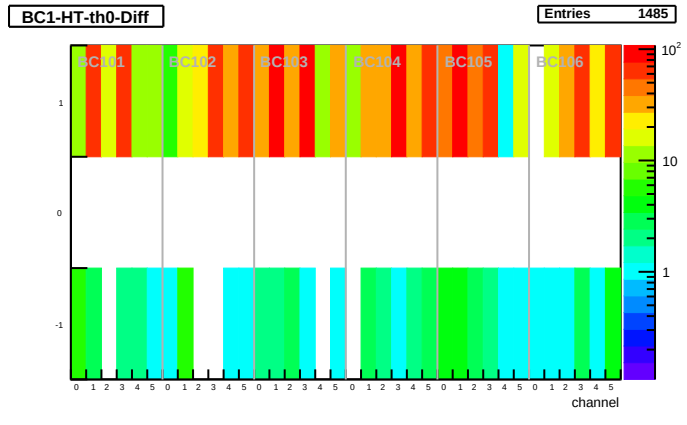

BC1-TP
Entries 7703928
BC101
BC102
BC103
BC104
BC105
BC106
channel

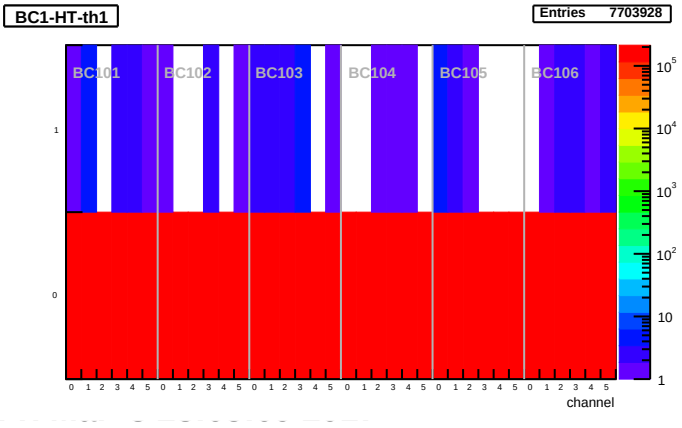

BC1-TP-Diff
Entries 7438018
BC101
BC102
BC103
BC104
BC105
BC106
channel

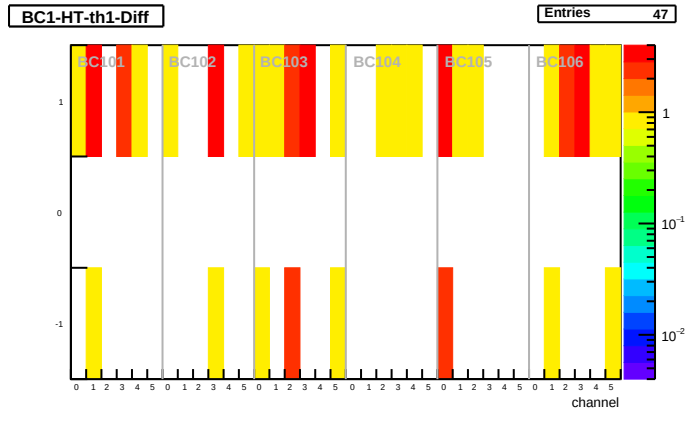

BC1-HT.TP
Entries 7703928
BC101
BC102
BC103
BC104
BC105
BC106
channel

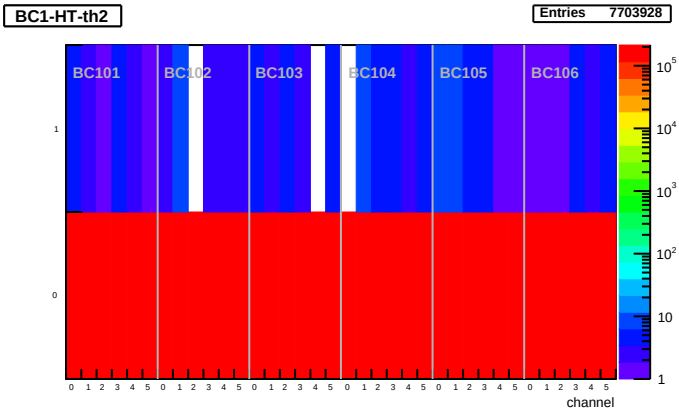

BC1-HT.TP-Diff
Entries 7669862
BC101
BC102
BC103
BC104
BC105
BC106
channel

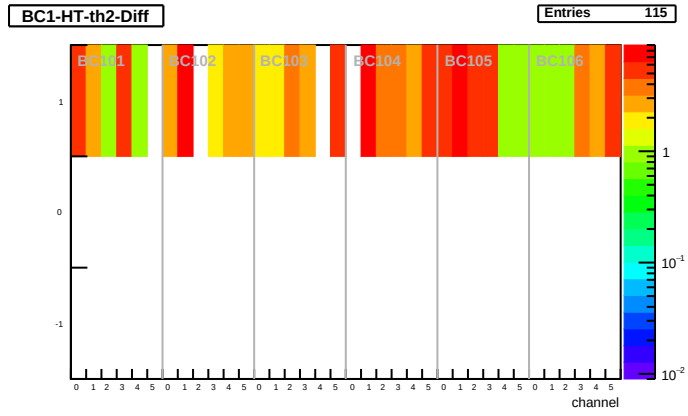

BC1-HT-th0
Entries 7703928
BC101
BC102
BC103
BC104
BC105
BC106
channel

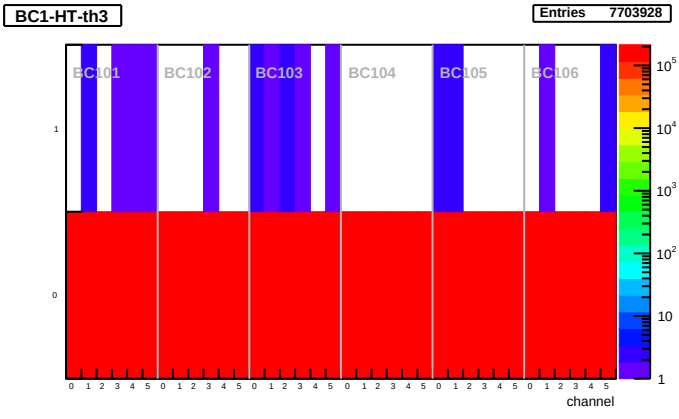

BC1-HT-th0-Diff
Entries 1485
BC101
BC102
BC103
BC104
BC105
BC106
channel

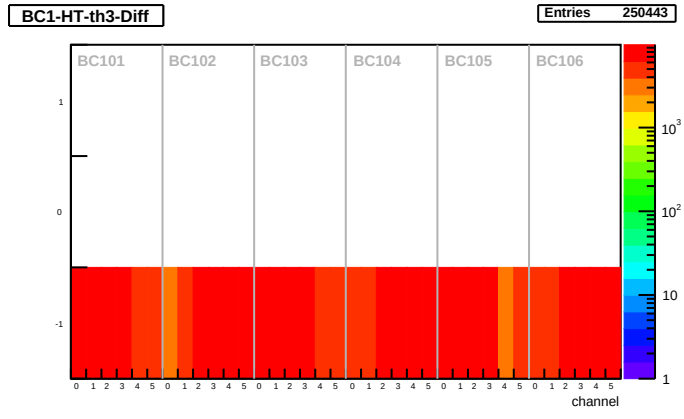

BC1-HT-th1
Entries 7703928
BC101
BC102
BC103
BC104
BC105
BC106
channel

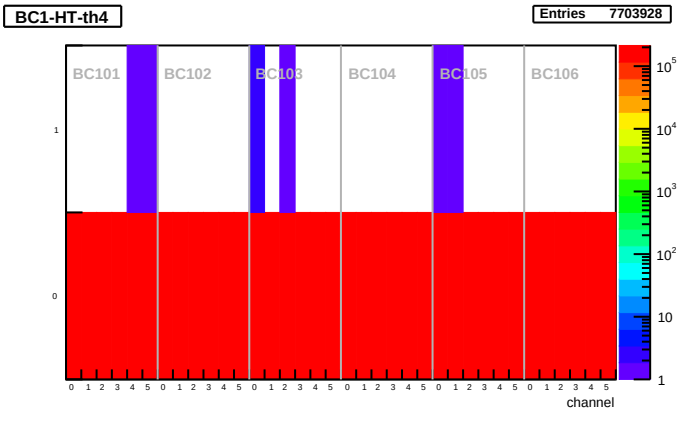

BC1-HT-th1-Diff
Entries 47
BC101
BC102
BC103
BC104
BC105
BC106
channel

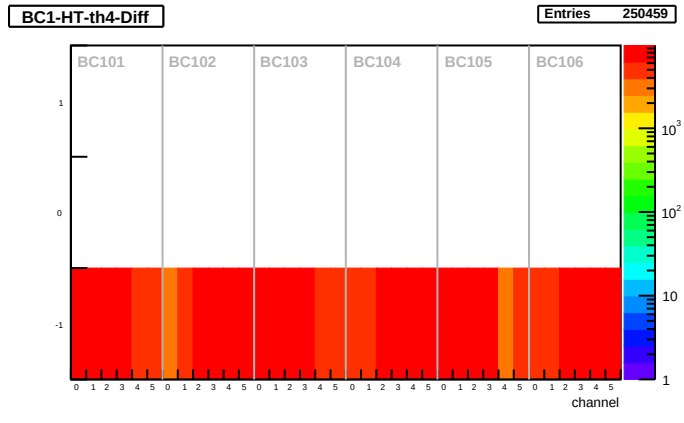

BC1-HT-th2
Entries 7703928
BC101
BC102
BC103
BC104
BC105
BC106
channel

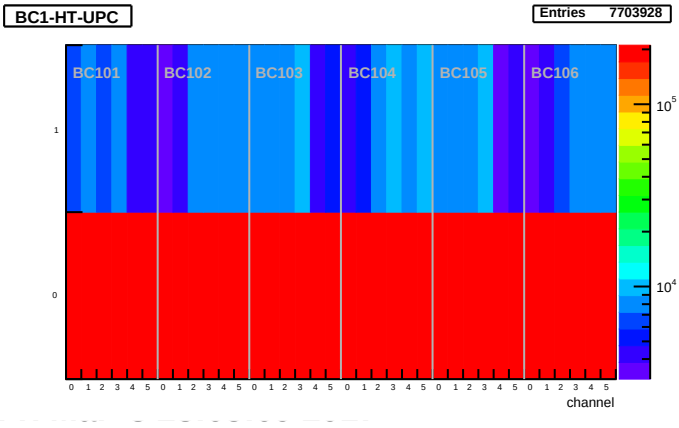

BC1-HT-th2-Diff
Entries 115
BC101
BC102
BC103
BC104
BC105
BC106
channel

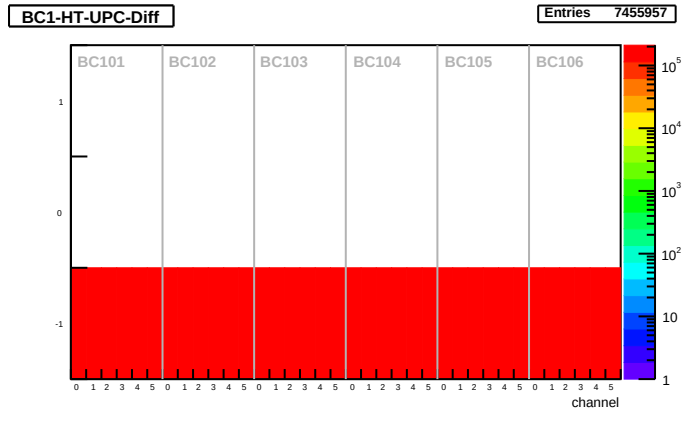

BC1-HT-th3
Entries 7703928
BC101
BC102
BC103
BC104
BC105
BC106
channel

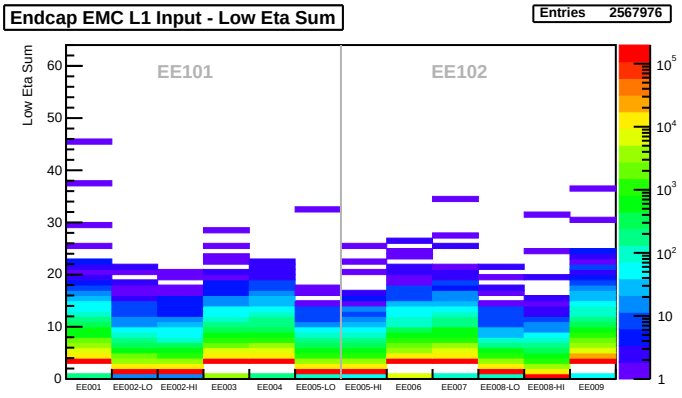

BC1-HT-th3-Diff
Entries 250443
BC101
BC102
BC103
BC104
BC105
BC106
channel

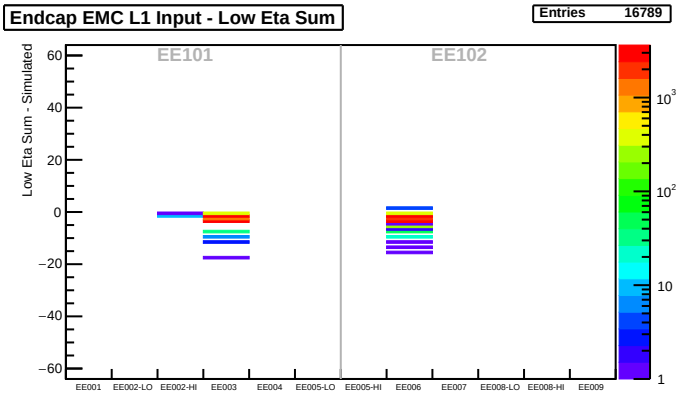

BC1-HT-th4
Entries 7703928
BC101
BC102
BC103
BC104
BC105
BC106
channel

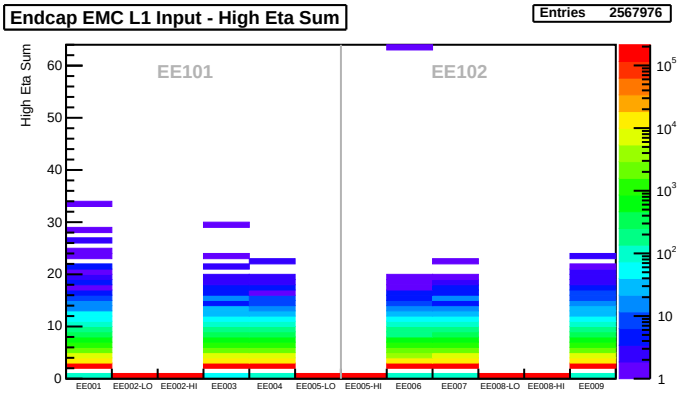

BC1-HT-th4-Diff
Entries 250459
BC101
BC102
BC103
BC104
BC105
BC106
channel

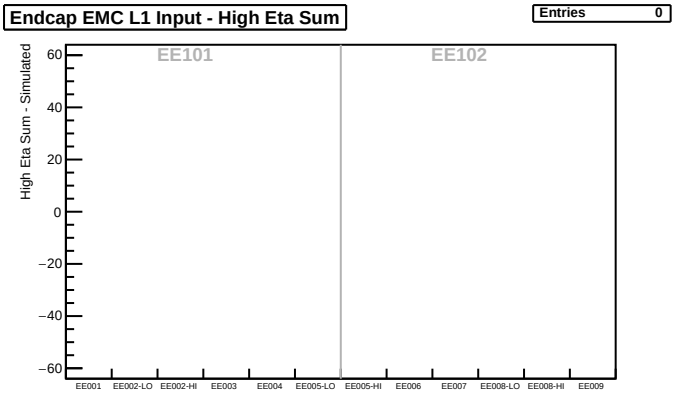

BC1-HT-UPC
Entries 7703928
BC101
BC102
BC103
BC104
BC105
BC106
channel

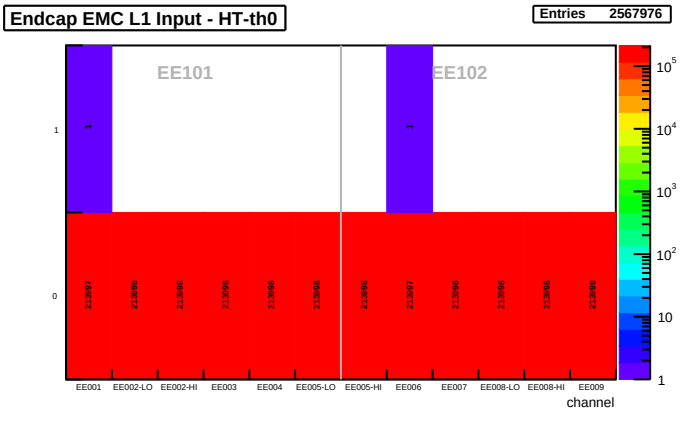

BC1-HT-UPC-Diff
Entries 7455957
BC101
BC102
BC103
BC104
BC105
BC106
channel

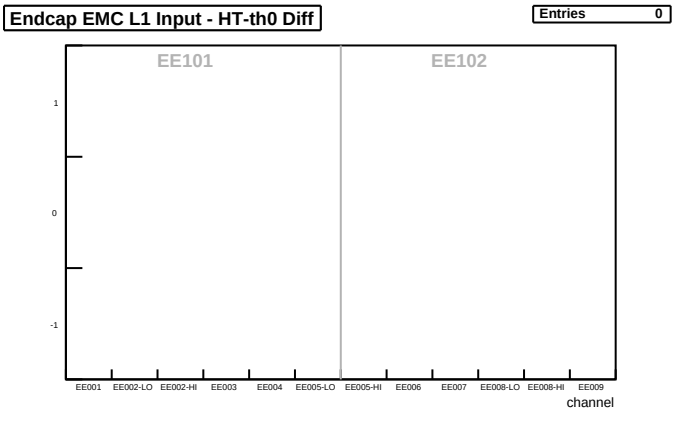

Endcap EMC L1 Input - Low Eta Sum
Entries 2567976
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

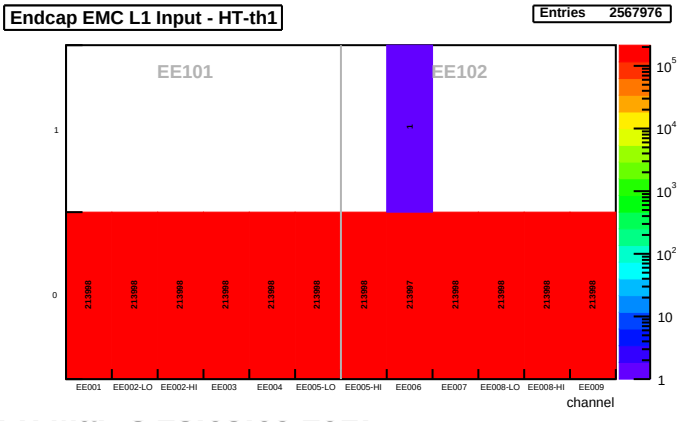

Endcap EMC L1 Input - Low Eta Sum
Entries 16789
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

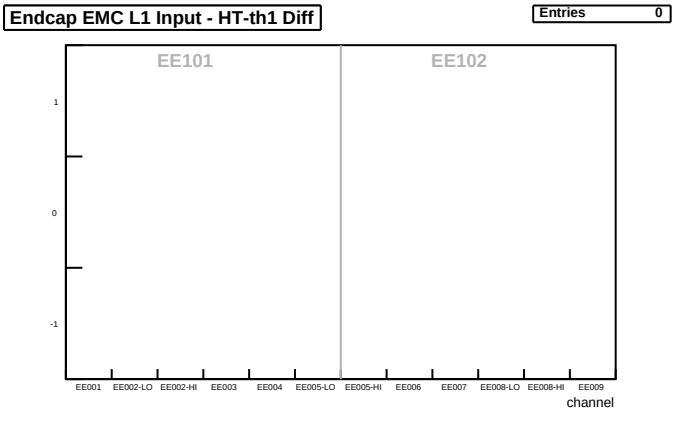

Endcap EMC L1 Input - High Eta Sum
Entries 2567976
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

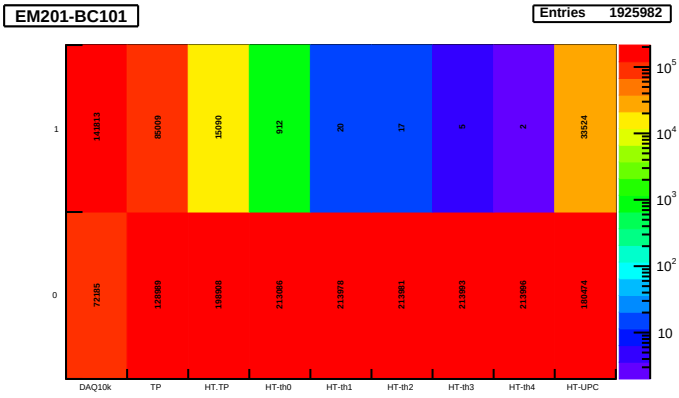

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

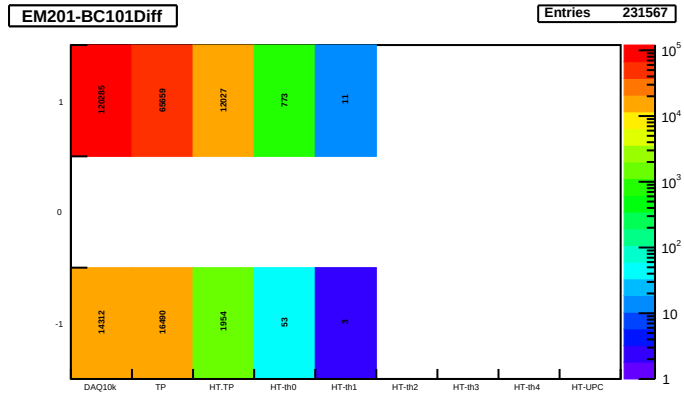

Endcap EMC L1 Input - HT-th0
Entries 2567976
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

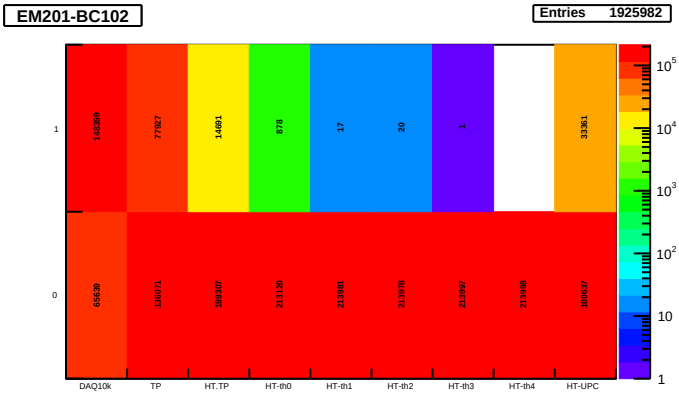

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

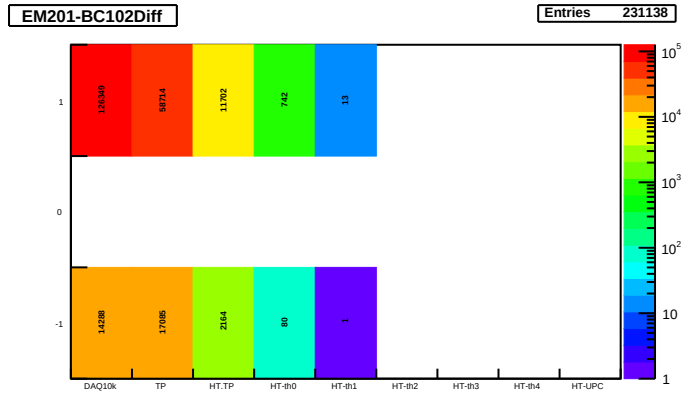

Endcap EMC L1 Input - HT-th1
Entries 2567976
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

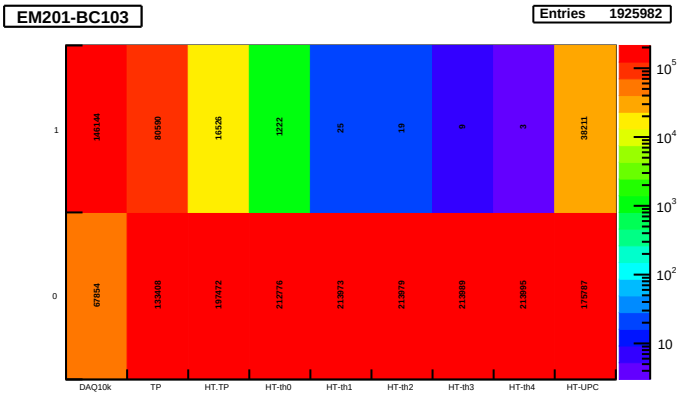

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

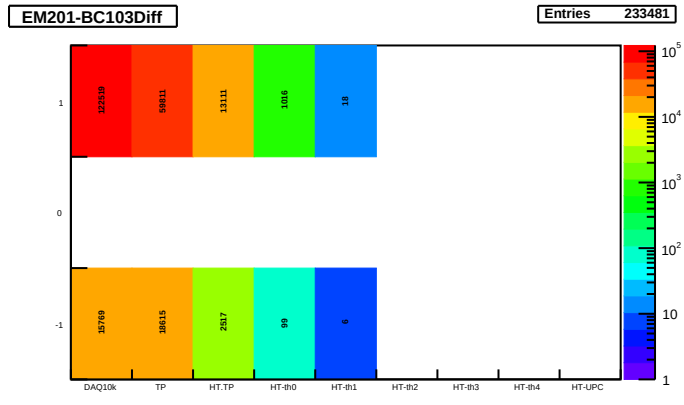

EM201-BC101
Entries 1925982
1
0
141513
85009
15090
912
20
17
5
2
33524
72185
128989
199303
213066
213978
213981
213993
213996
180474
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^5$
$10^4$
$10^3$
$10^2$
10

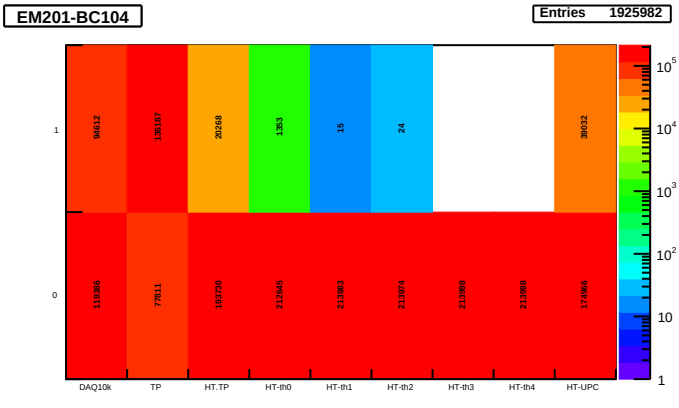

EM201-BC101Diff
Entries 231567
1
0
-1
120285
65659
12027
773
11
14312
16480
1964
53
3
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^5$
$10^4$
$10^3$
$10^2$
10
1

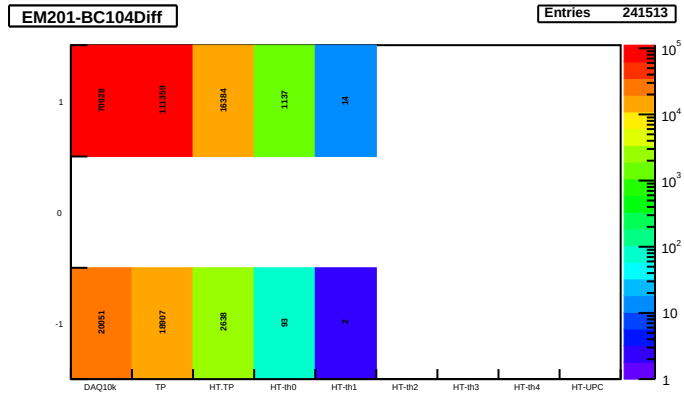

EM201-BC102
Entries 1925982
1
0
148359
77327
14091
878
17
20
1
33361
65639
136671
199307
213120
213981
213978
213997
213998
180637
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^5$
$10^4$
$10^3$
$10^2$
10
1


EM201-BC102Diff
Entries 231138
1
0
-1
125349
59714
11702
742
13
14288
17095
2164
80
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^5$
$10^4$
$10^3$
$10^2$
10
1

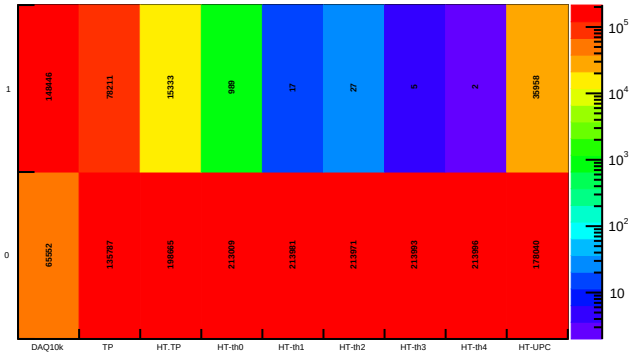

EM201-BC103
Entries 1925982
1
0
146144
80590
16526
1222
25
19
9
3
38211
67854
133408
197472
212776
213973
213979
213989
213995
175787
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^5$
$10^4$
$10^3$
$10^2$
10


EM201-BC103Diff
Entries 233481
1
0
-1
122519
59811
13111
1016
18
15769
18615
2517
99
6
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^5$
$10^4$
$10^3$
$10^2$
10
1

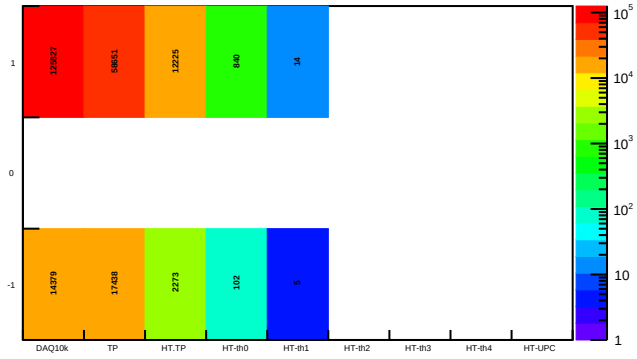

EM201-BC104
Entries 1925982
1
0
94612
136187
20268
1353
15
24
39032
119386
77811
193720
212045
213983
213974
213988
213988
174966
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^5$
$10^4$
$10^3$
$10^2$
10
1


EM201-BC104Diff
Entries 241513
1
0
-1
70928
111359
16384
1137
14
20051
18907
2638
93
2
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^5$
$10^4$
$10^3$
$10^2$
10
1

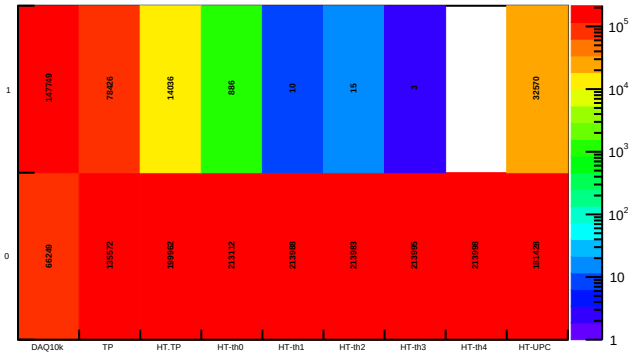
**EM201-BC105** Entries 1925982



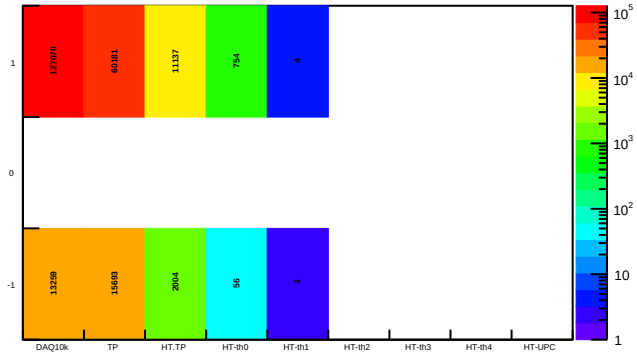

**EM201-BC105Diff** Entries 231754



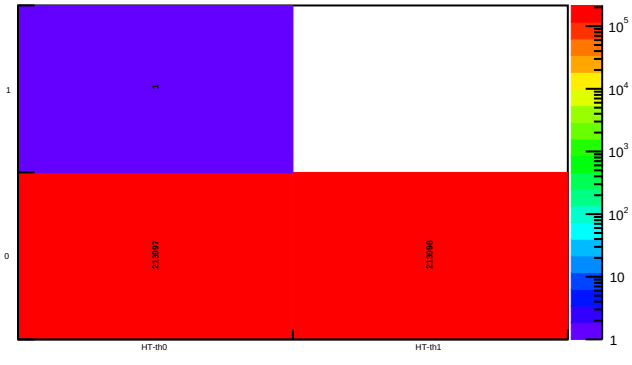

**EM201-BC106** Entries 1925982



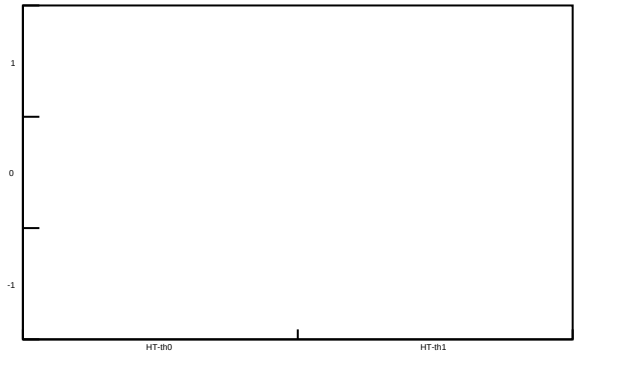

**EM201-BC106Diff** Entries 230161



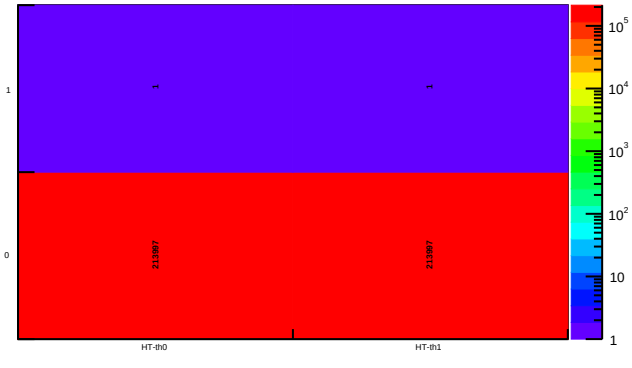

**EM201-EE101** Entries 427996



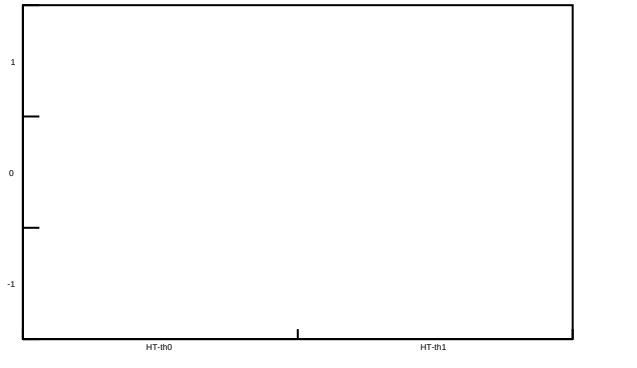

**EM201-EE101Diff** Entries 0

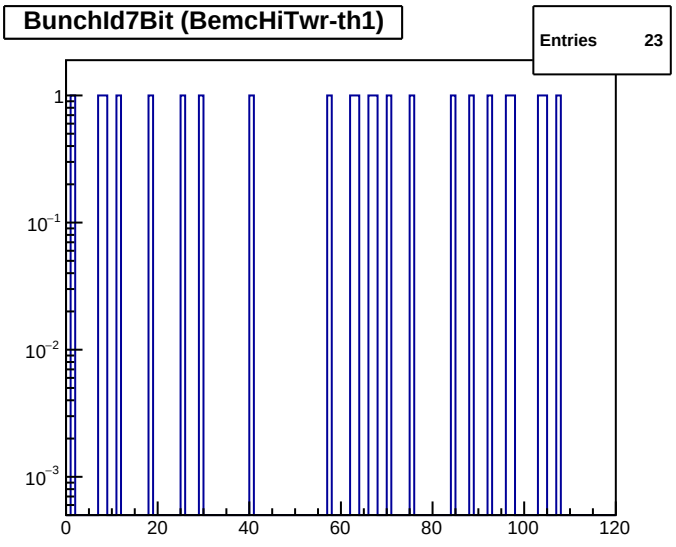


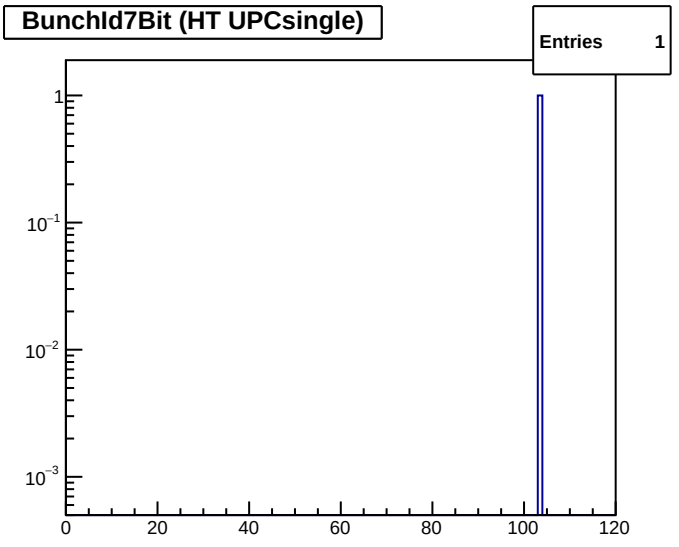

**EM201-EE102** Entries 427996

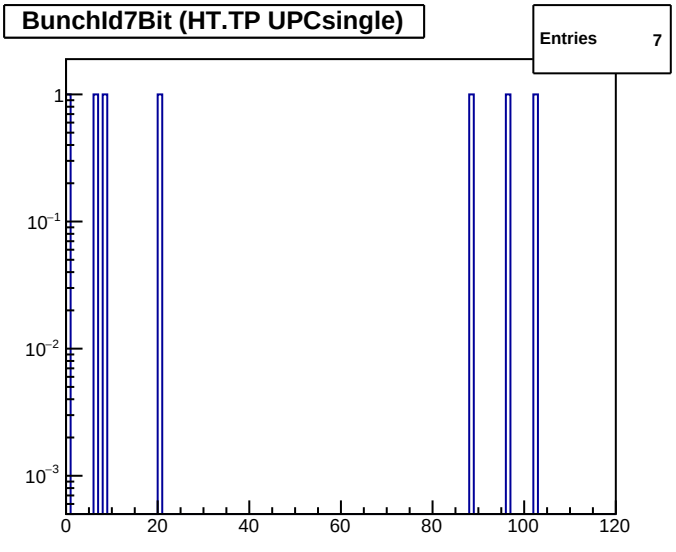


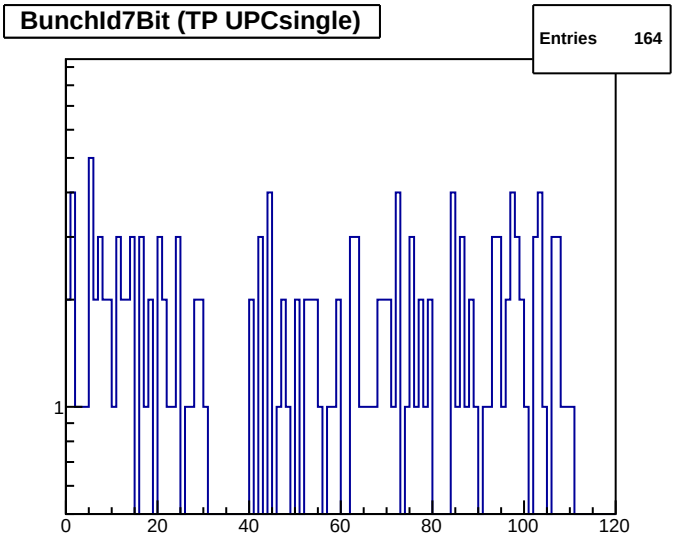

**EM201-EE102Diff** Entries 0

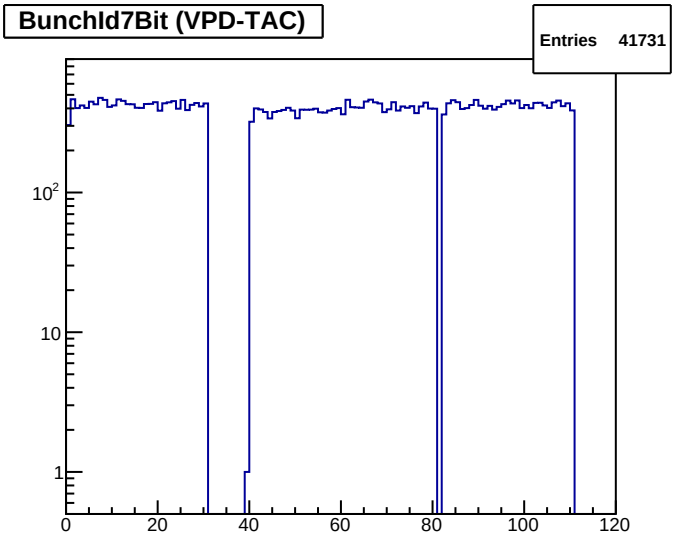


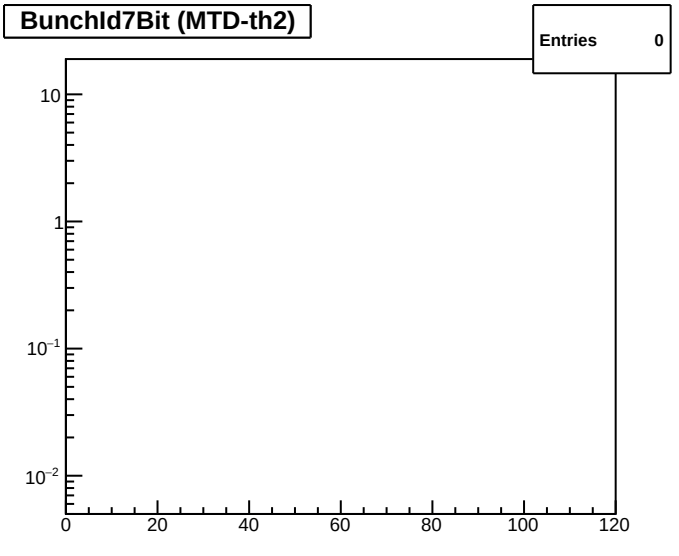

BunchId7Bit (BemcHiTwr-th1)
Entries 23

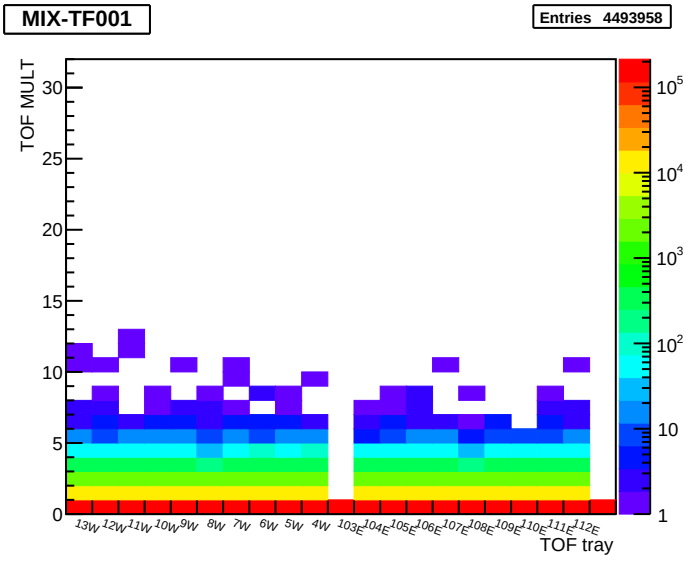

BunchId7Bit (HT UPCsingle)
Entries 1

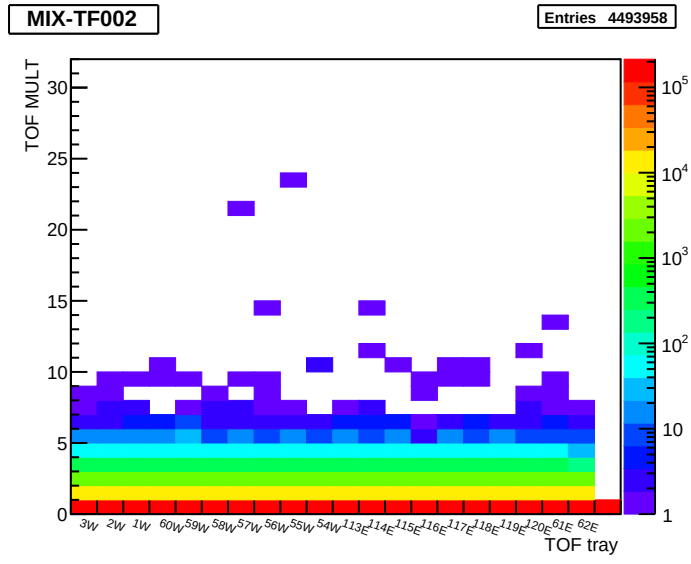

BunchId7Bit (HT.TP UPCsingle)
Entries 7

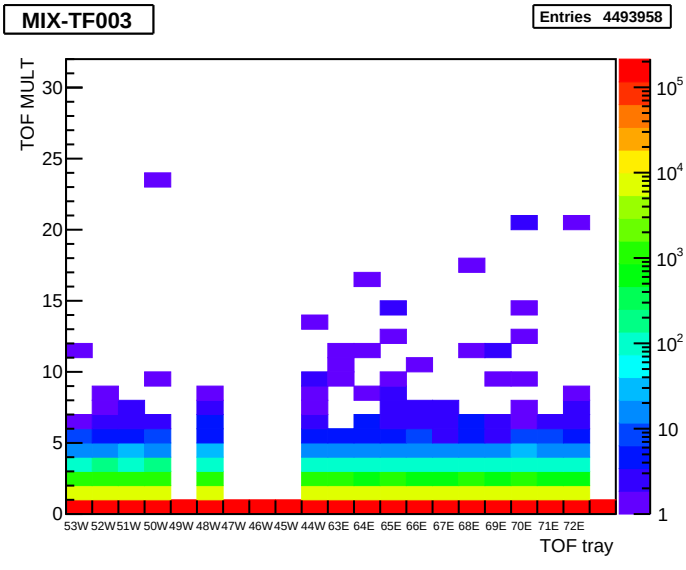

BunchId7Bit (TP UPCsingle)
Entries 164

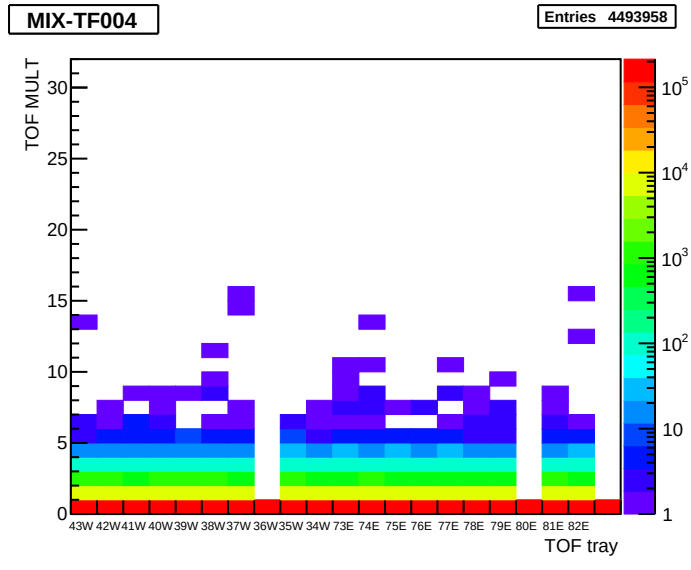

BunchId7Bit (VPD-TAC)
Entries 41731

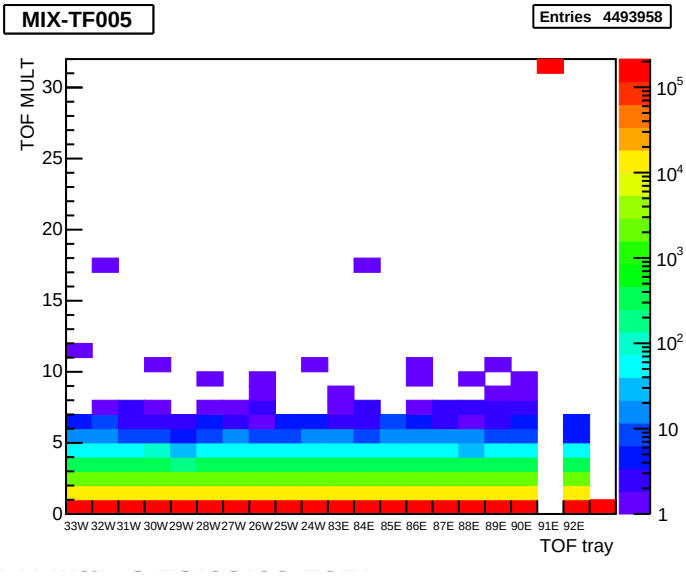

BunchId7Bit (MTD-th2)
Entries 0

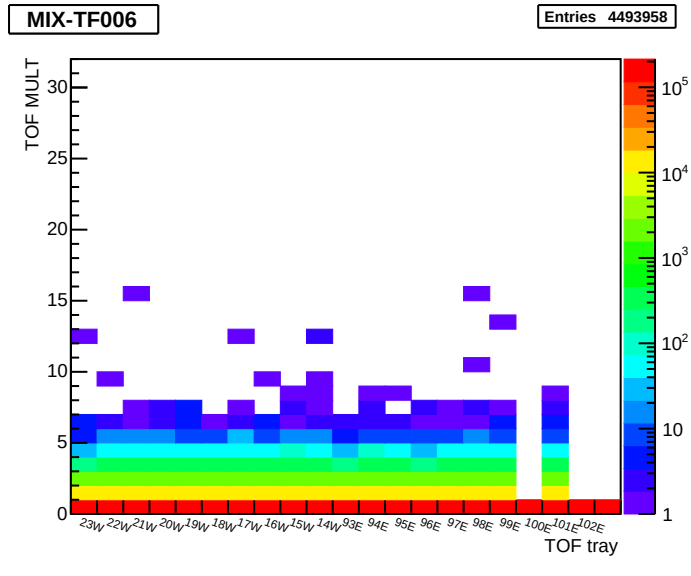

MIX-TF001
Entries 4493958
TOF MULT
TOF tray

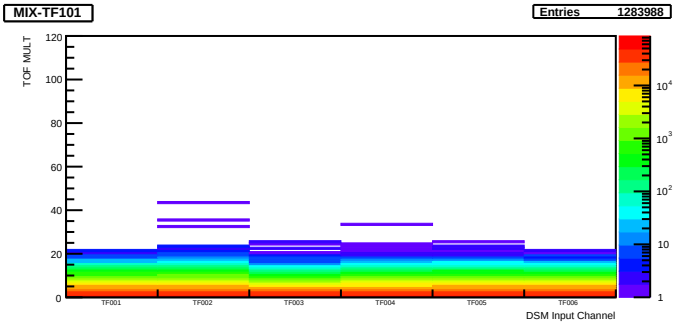

MIX-TF002
Entries 4493958
TOF MULT
TOF tray

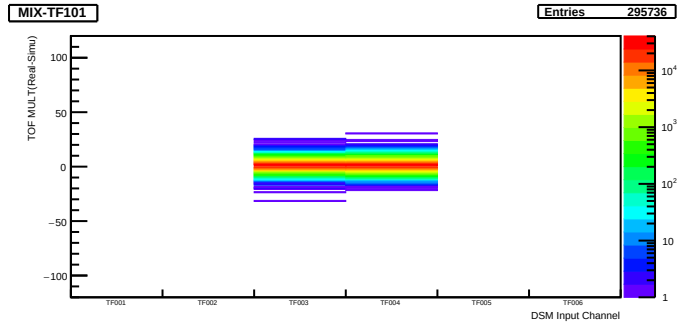

MIX-TF003
Entries 4493958
TOF MULT
TOF tray

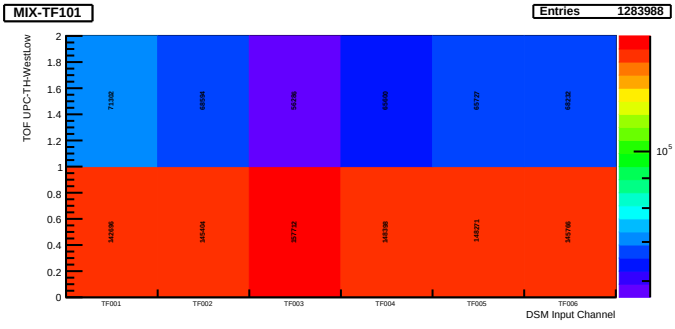

MIX-TF004
Entries 4493958
TOF MULT
TOF tray

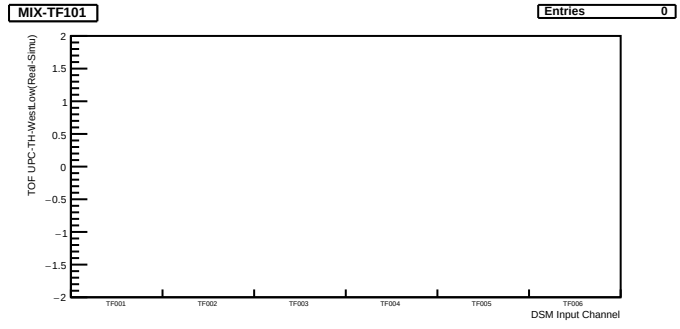

MIX-TF005
Entries 4493958
TOF MULT
TOF tray

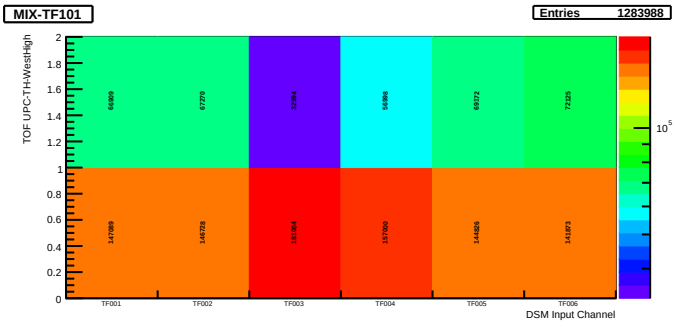

MIX-TF006
Entries 4493958
TOF MULT
TOF tray

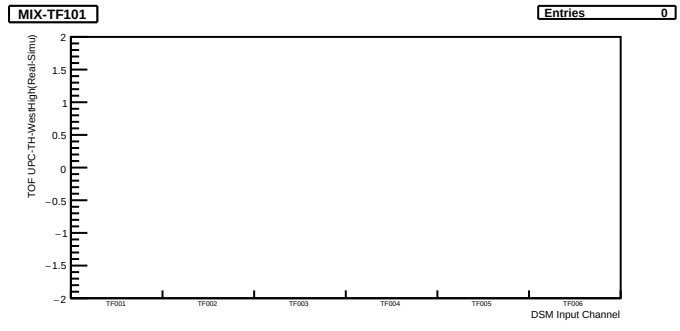

MIX-TF101
Entries 1283988
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

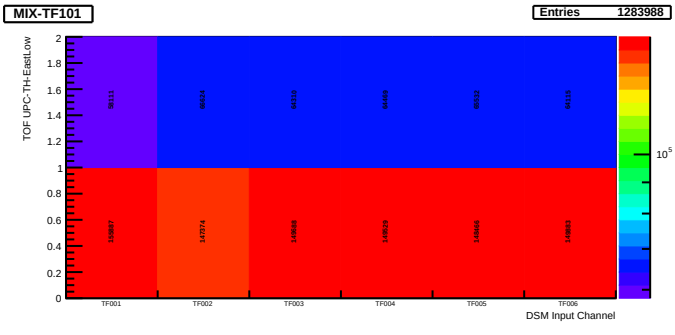

MIX-TF101
Entries 295736
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

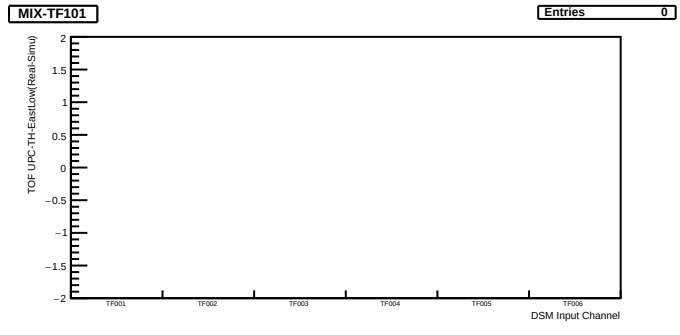

MIX-TF101
Entries 1283988
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

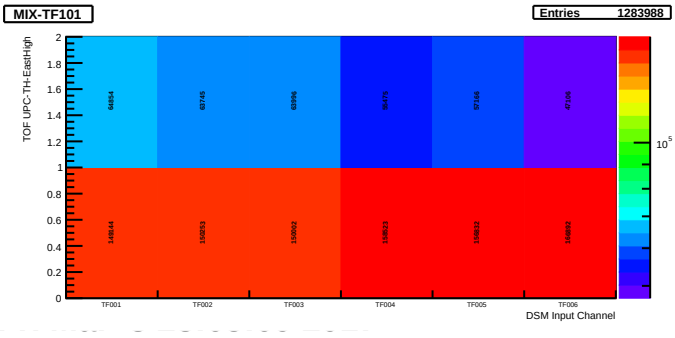

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

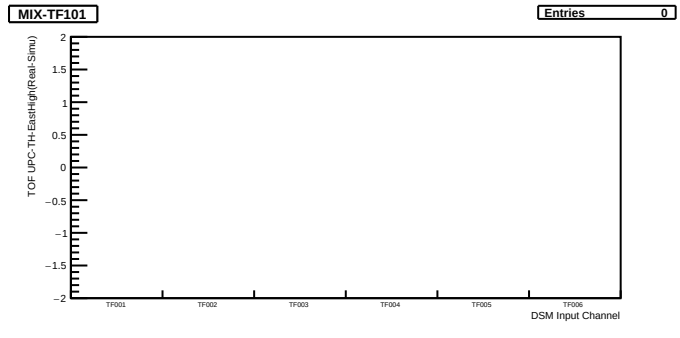

MIX-TF101
Entries 1283988
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

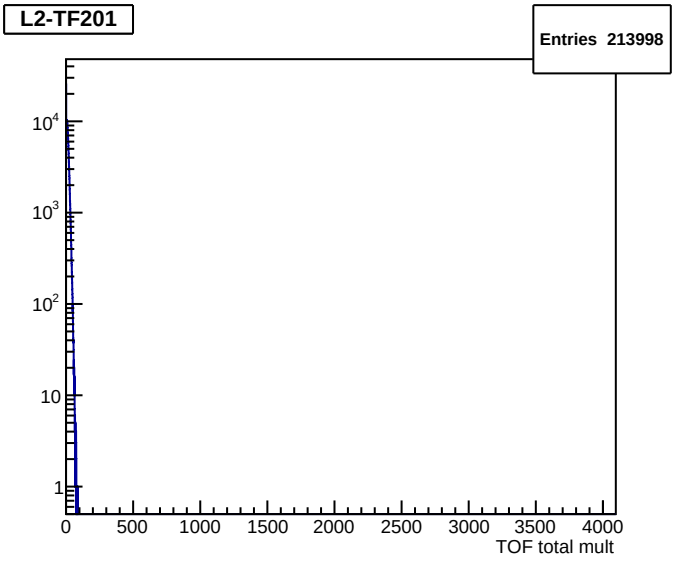

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

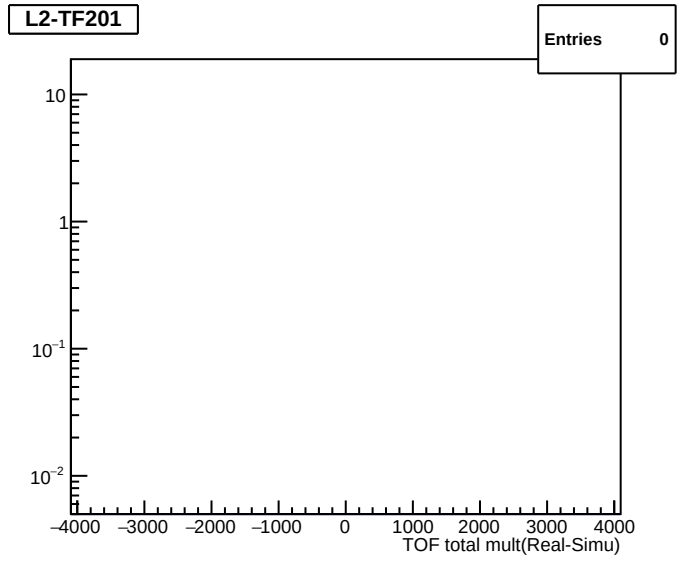

MIX-TF101
Entries 1283988
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

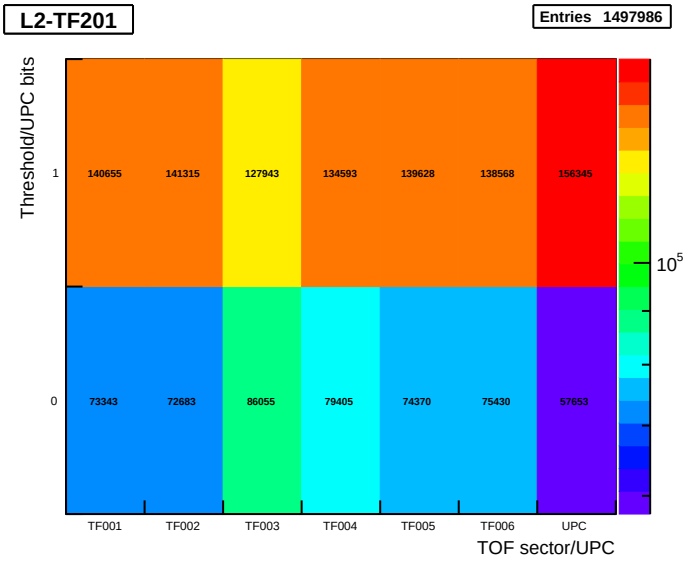

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

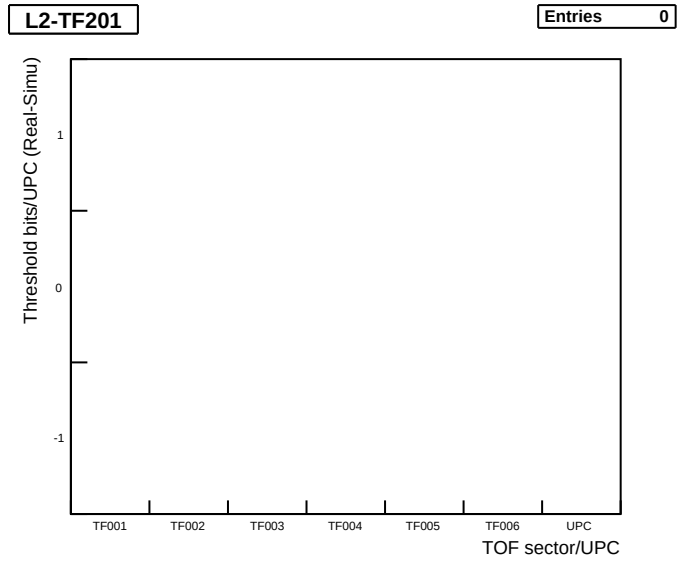

MIX-TF101
Entries 1283988
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

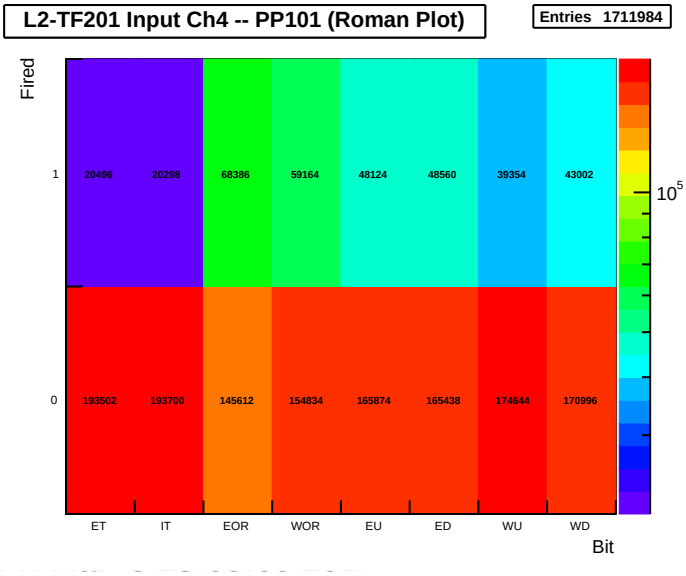

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

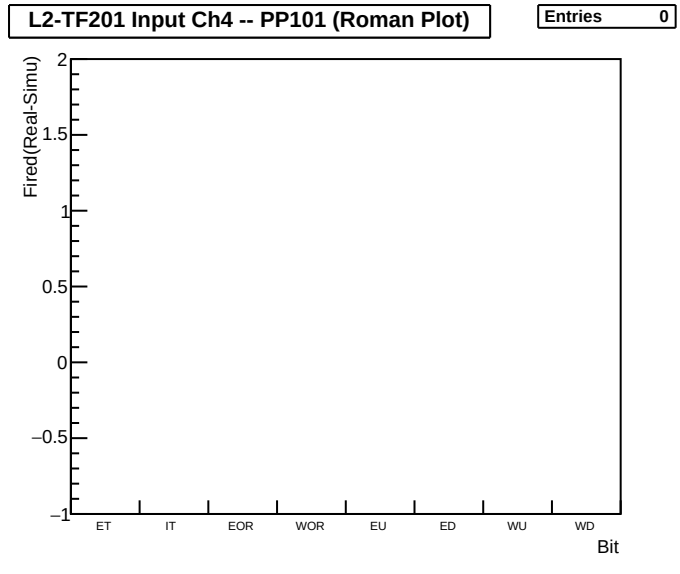

L2-TF201
Entries 213998
TOF total mult

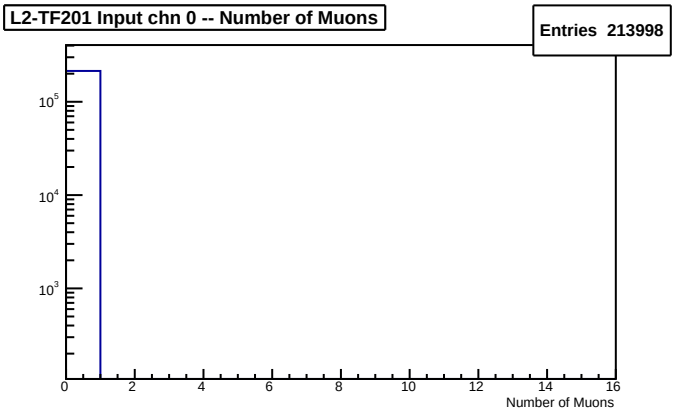

L2-TF201
Entries 0
TOF total mult(Real-Simu)

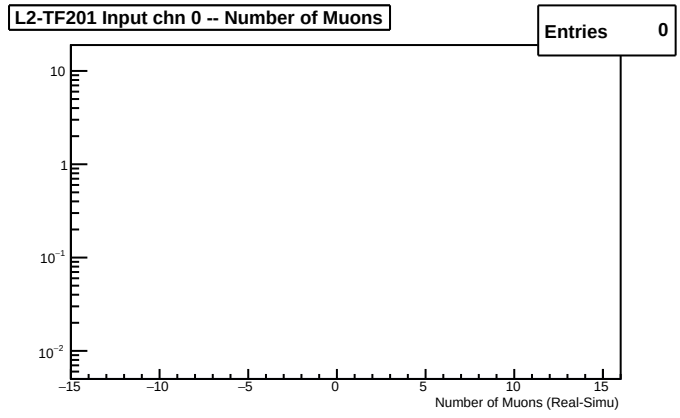

L2-TF201
Entries 1497986
Threshold/UPC bits
140655
141315
127943
134593
139628
138568
156345
73343
72683
86055
79405
74370
75430
57653
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

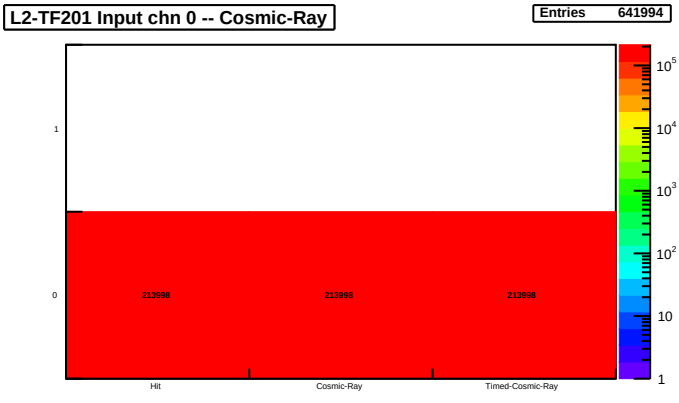

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

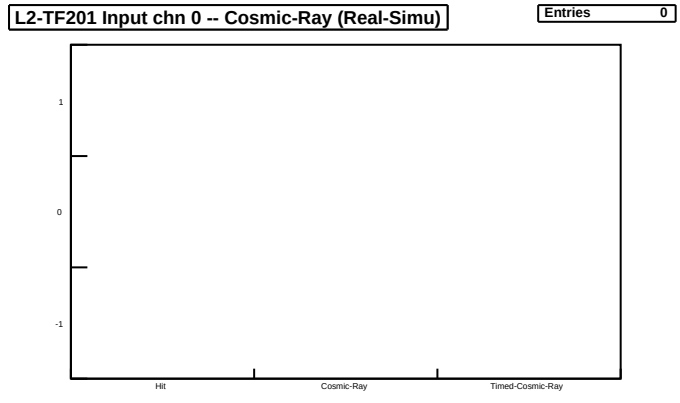

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1711984
Fired
20496
20298
68386
59164
48124
48560
39354
43002
193502
193700
145612
154834
165874
165438
174644
170996
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

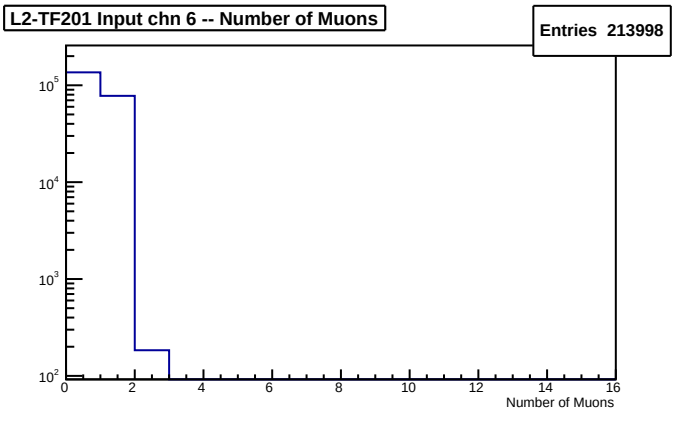

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

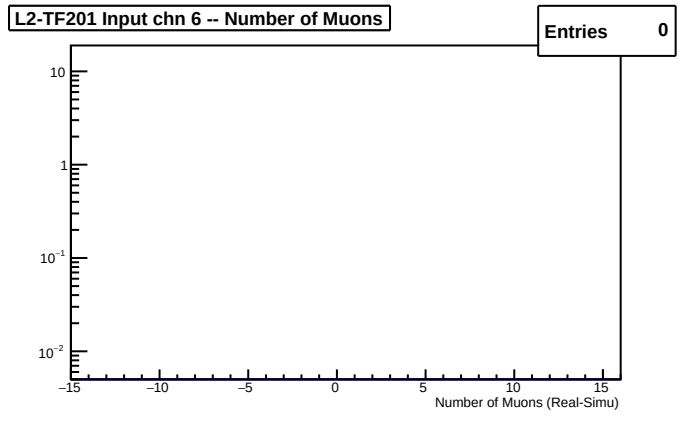

L2-TF201 Input chn 0 -- Number of Muons
Entries 213998
Number of Muons

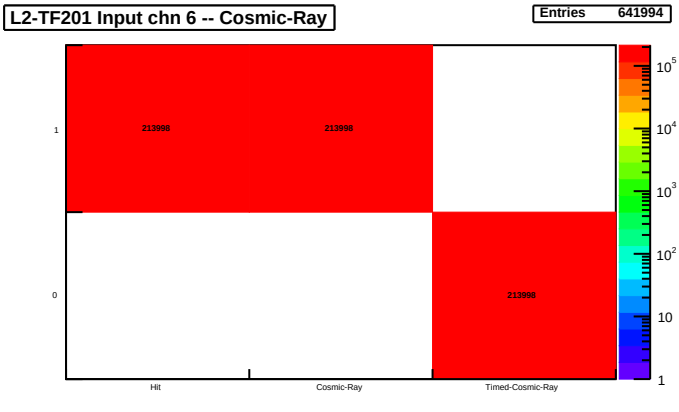

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

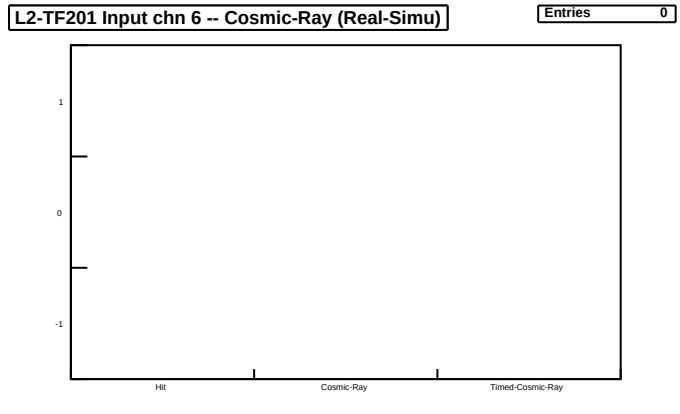

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 641994
213998
213998
213998
Hit
Cosmic-Ray
Timed-Cosmic-Ray

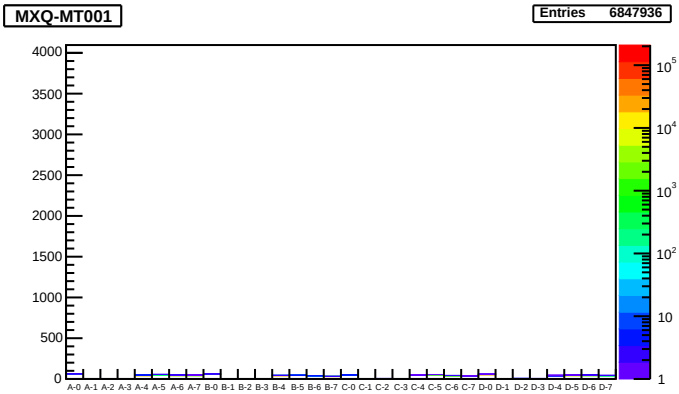

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

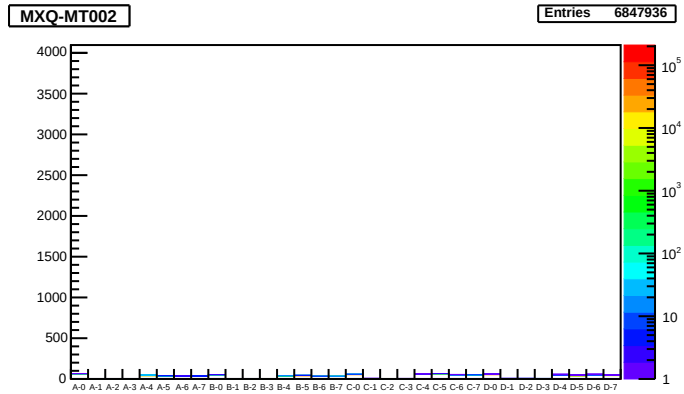

L2-TF201 Input chn 6 -- Number of Muons
Entries 213998
Number of Muons

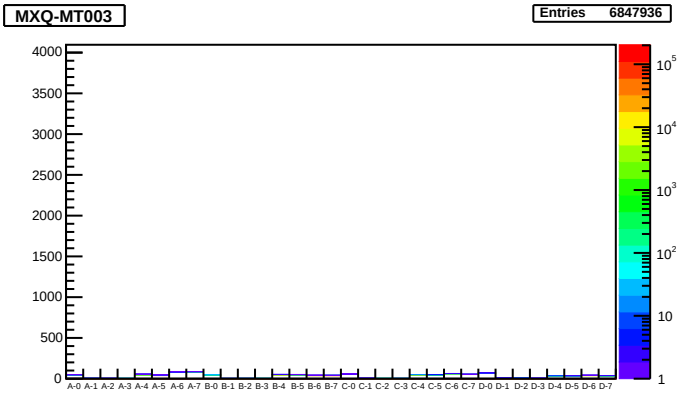

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

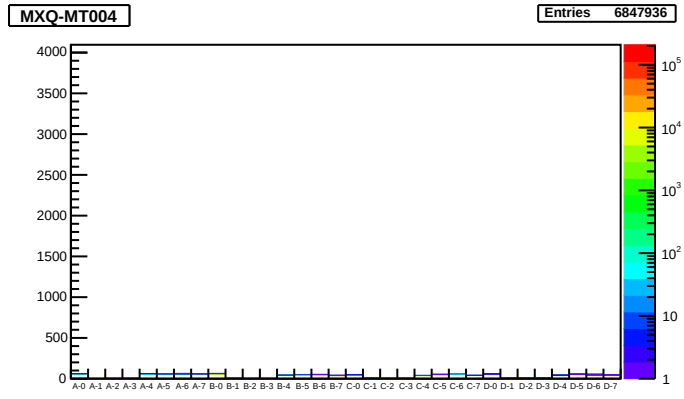

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 641994
213998
213998
213998
Hit
Cosmic-Ray
Timed-Cosmic-Ray

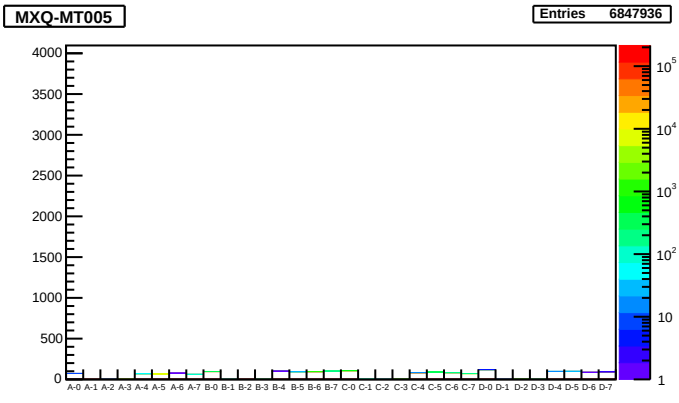

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

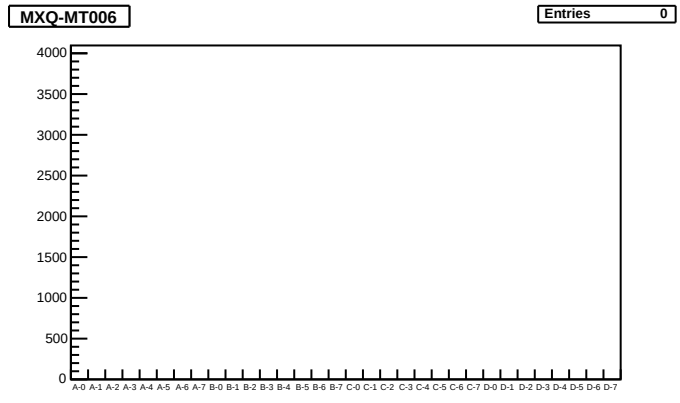

MXQ-MT001
Entries 6847936

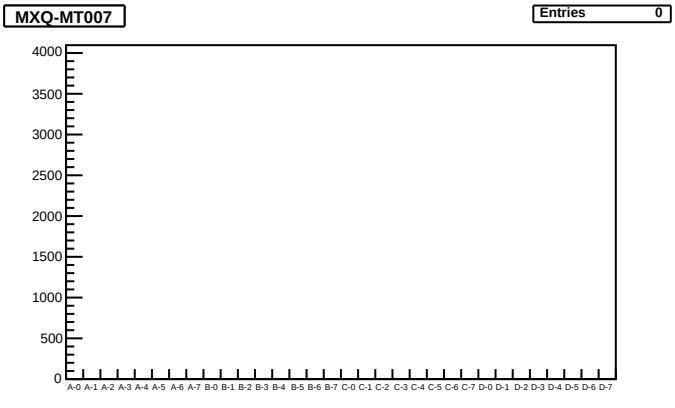

MXQ-MT002
Entries 6847936

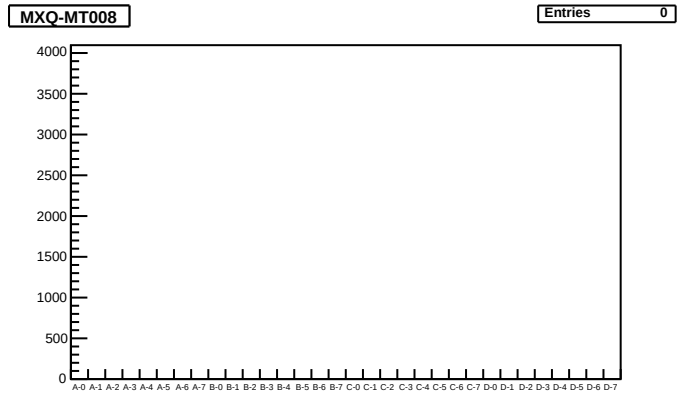

MXQ-MT003
Entries 6847936

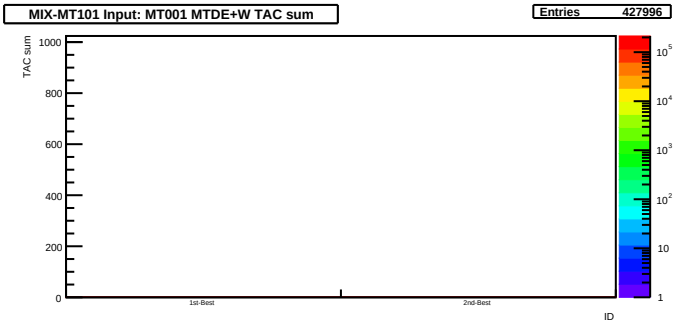

MXQ-MT004
Entries 6847936

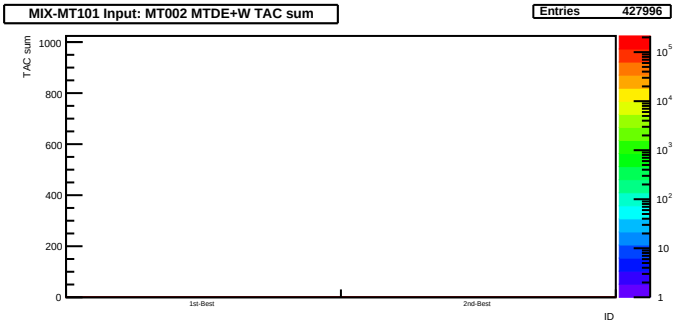

MXQ-MT005
Entries 6847936

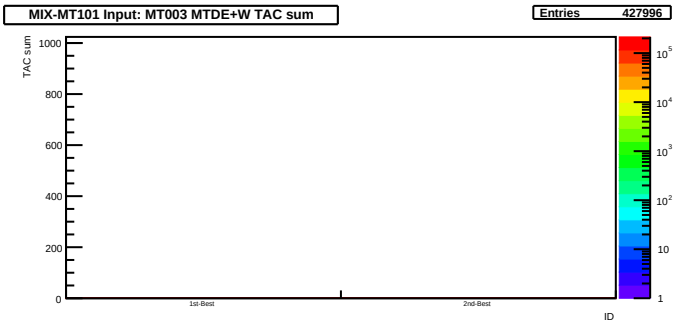

MXQ-MT006
Entries 0

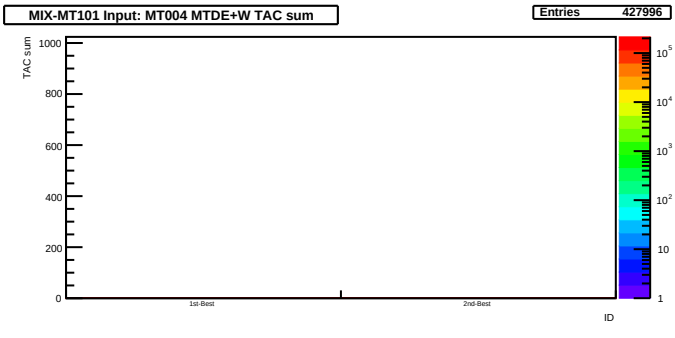

MXQ-MT007
Entries 0

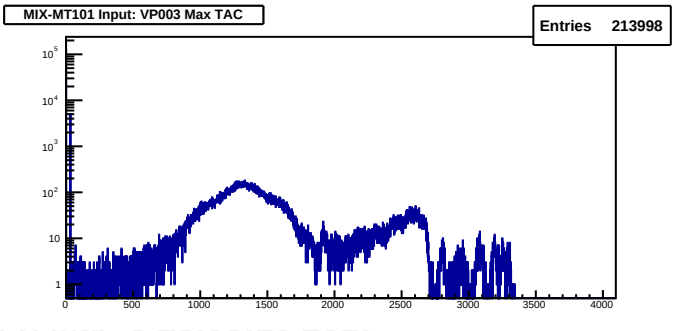

MXQ-MT008
Entries 0

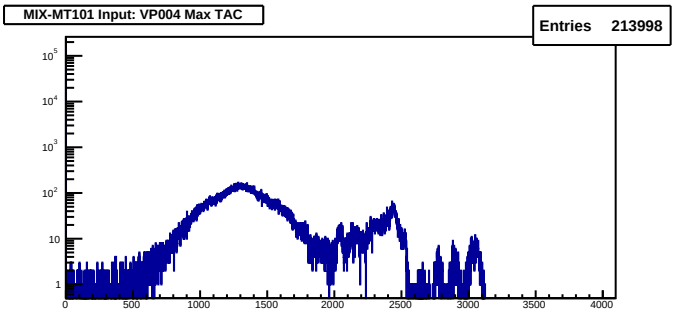

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 427996
TAC sum
1st-Best
2nd-Best
ID

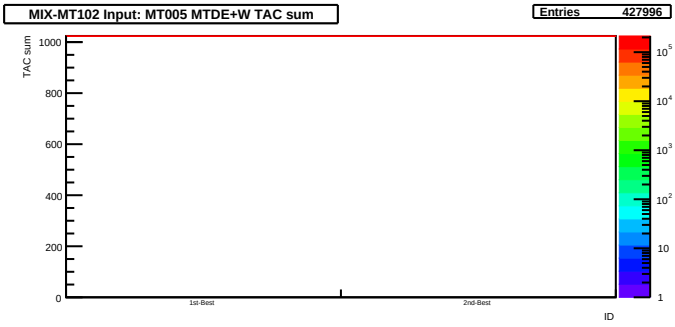

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 427996
TAC sum
1st-Best
2nd-Best
ID

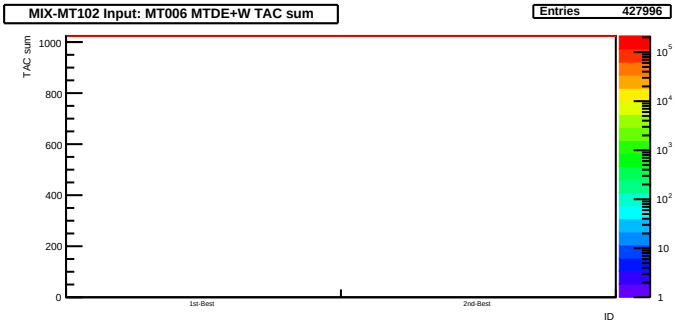

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 427996
TAC sum
1st-Best
2nd-Best
ID

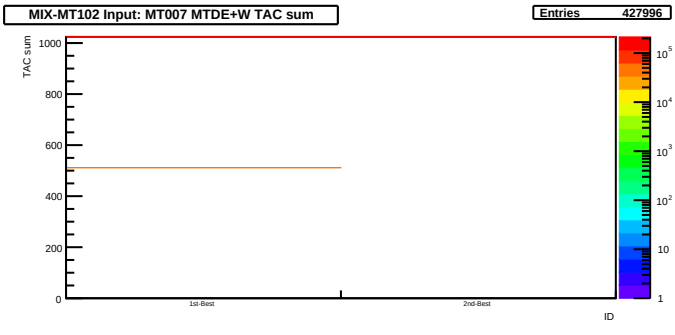

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 427996
TAC sum
1st-Best
2nd-Best
ID

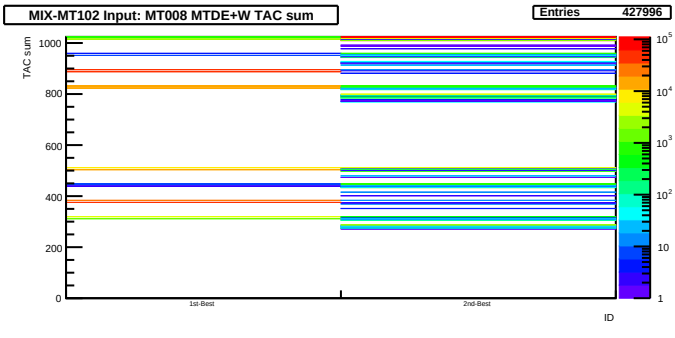

MIX-MT101 Input: VP003 Max TAC
Entries 213998

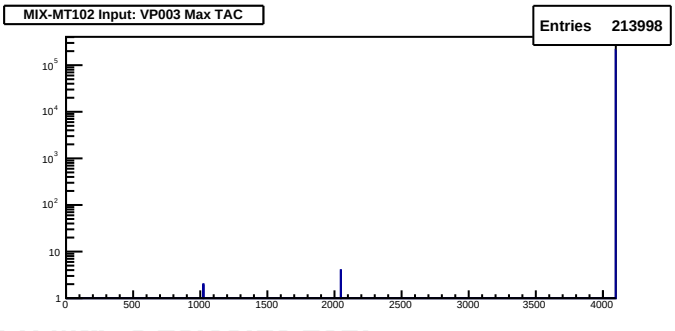

MIX-MT101 Input: VP004 Max TAC
Entries 213998

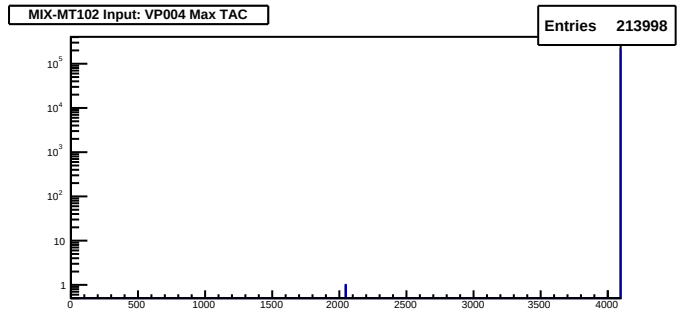

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 427996
TAC sum
1st-Best
2nd-Best
ID

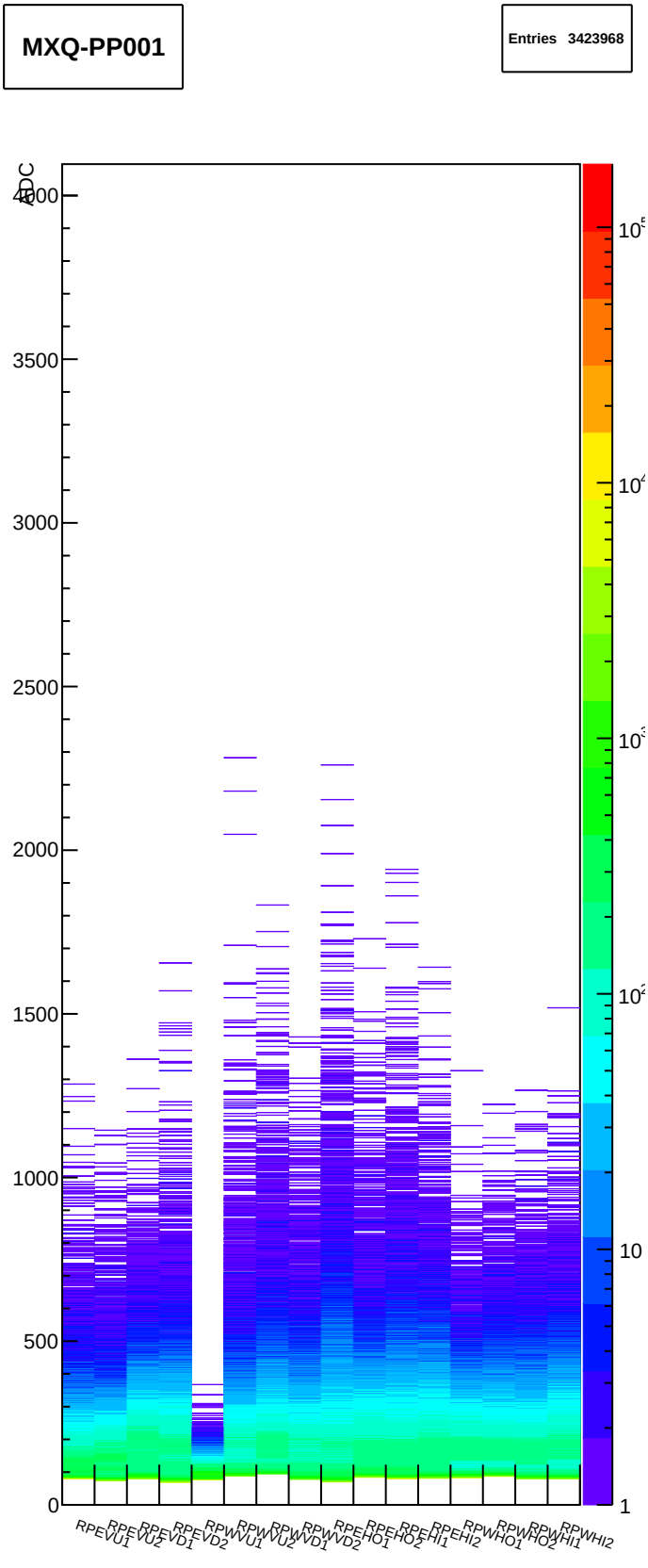

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 427996
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 427996
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 427996
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 213998


MIX-MT102 Input: VP004 Max TAC
Entries 213998


MXQ-PP001
Entries 3423968
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
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RPEHO2
RPEHI1
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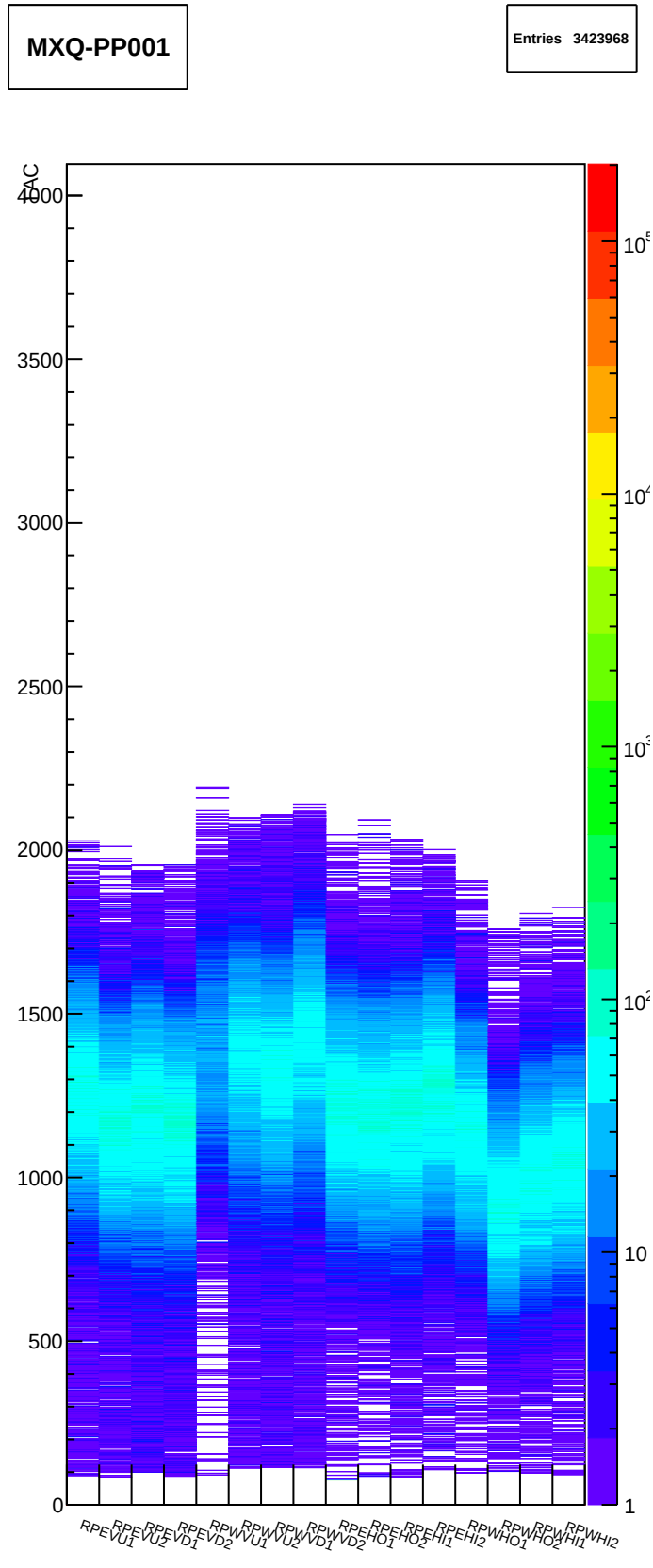
RPWHO2
RPWHI1
RPWHI2
10
1


MXQ-PP001
Entries 3423968
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
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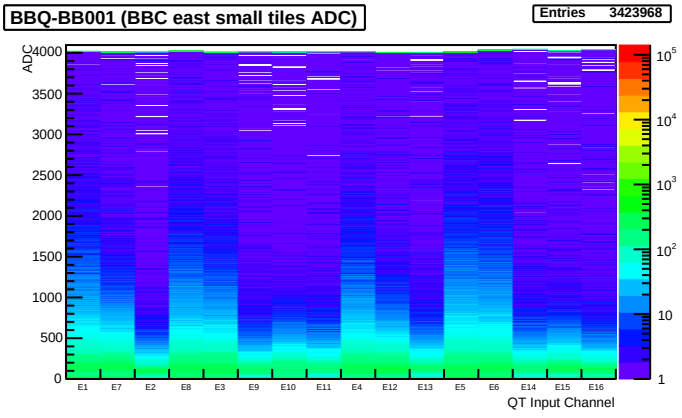
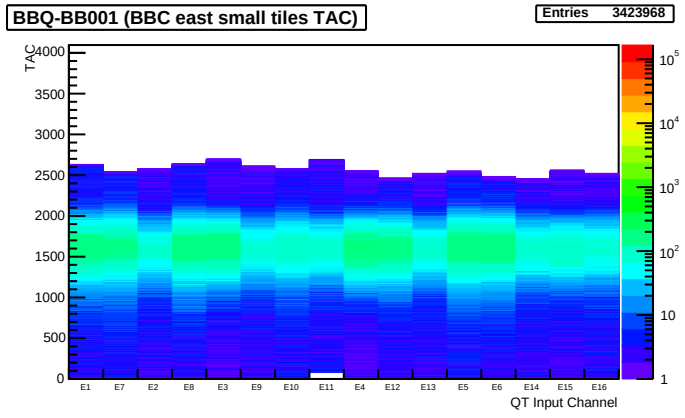
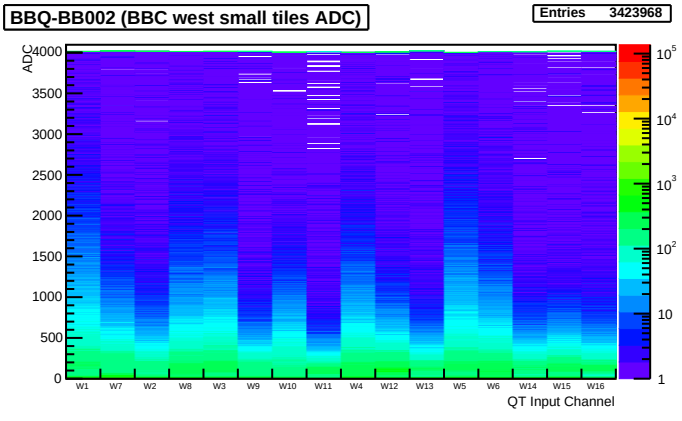
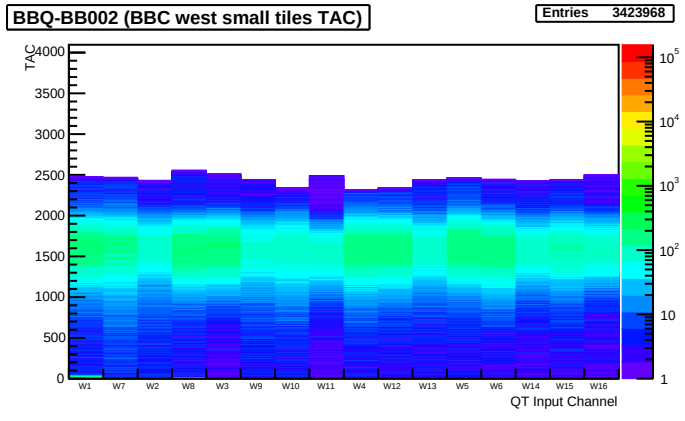
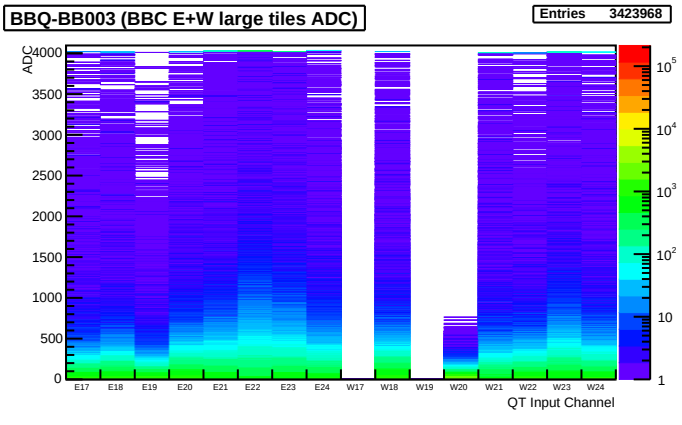
RPWHO2
RPWHI1
RPWHI2
10
1

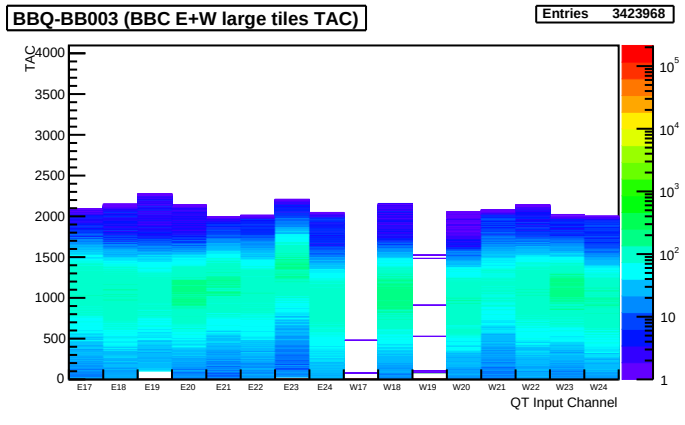

BBQ-BB001 (BBC east small tiles ADC)
Entries 3423968
ADC
QT Input Channel

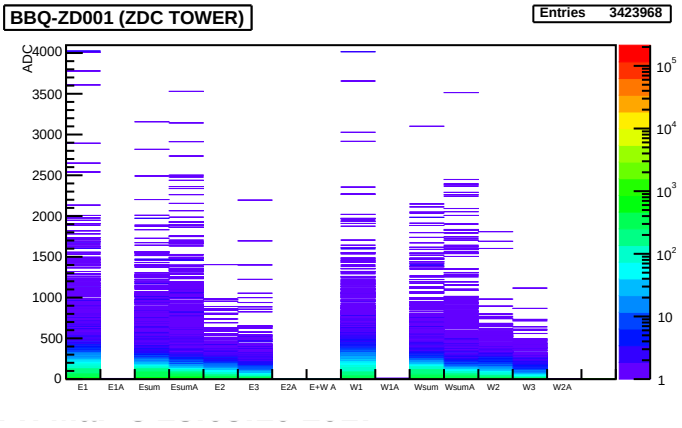

BBQ-BB001 (BBC east small tiles TAC)
Entries 3423968
TAC
QT Input Channel

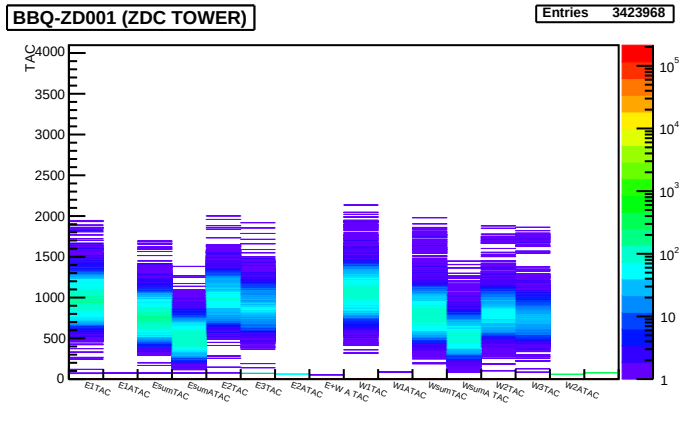

BBQ-BB002 (BBC west small tiles ADC)
Entries 3423968
ADC
QT Input Channel

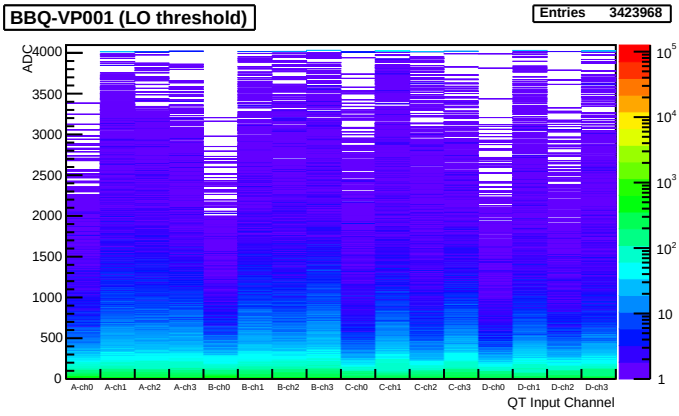

BBQ-BB002 (BBC west small tiles TAC)
Entries 3423968
TAC
QT Input Channel

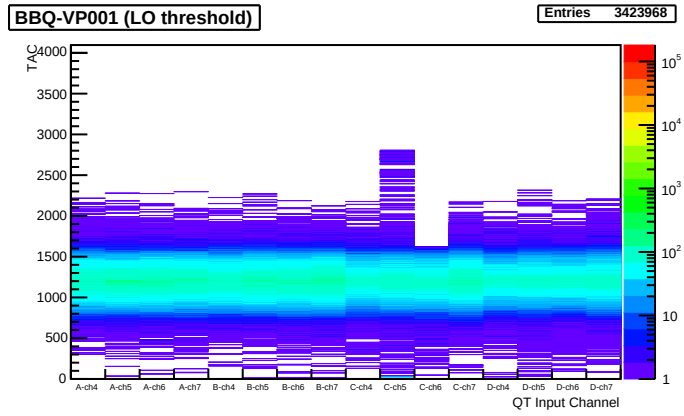

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3423968
ADC
QT Input Channel

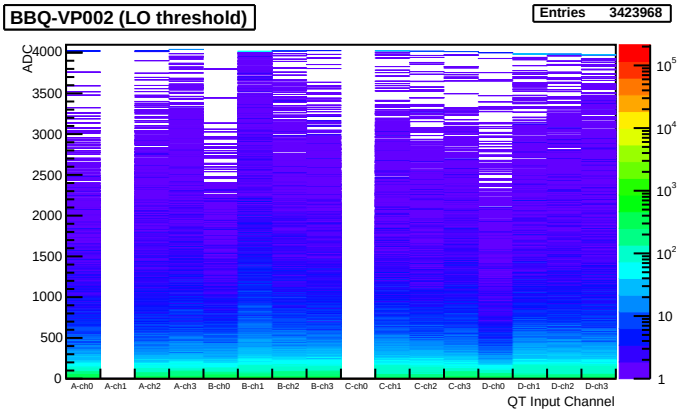

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3423968
TAC
QT Input Channel

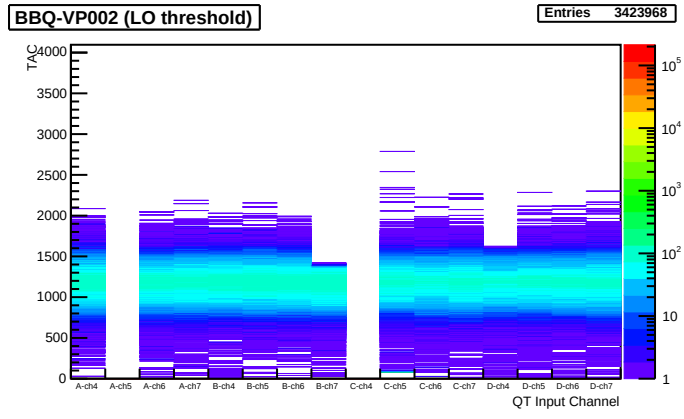

BBQ-ZD001 (ZDC TOWER)
Entries 3423968
ADC

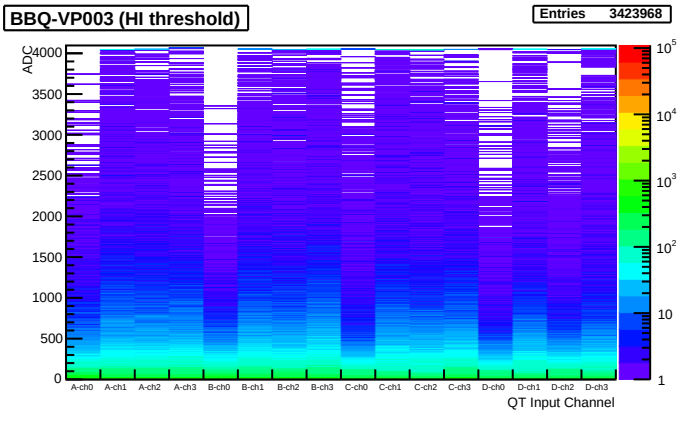

BBQ-ZD001 (ZDC TOWER)
Entries 3423968
TAC

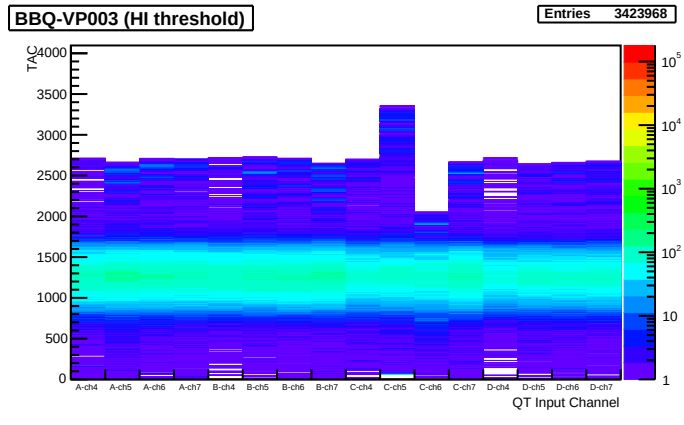

BBQ-VP001 (LO threshold)
Entries 3423968
ADC
QT Input Channel

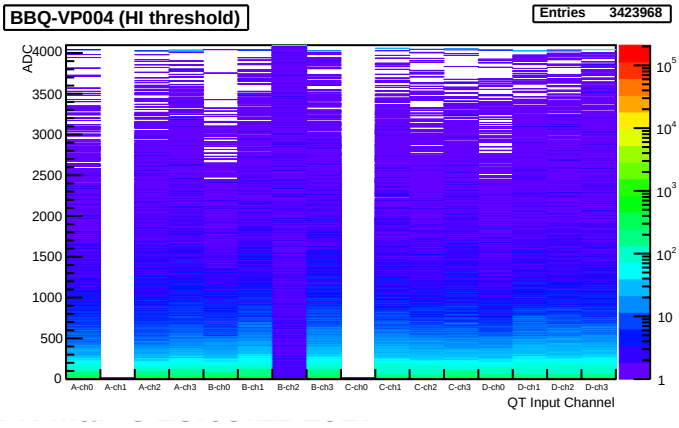

BBQ-VP001 (LO threshold)
Entries 3423968
TAC
QT Input Channel

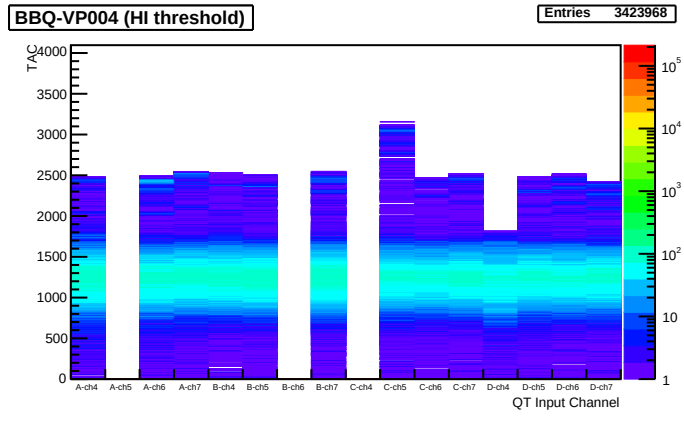

BBQ-VP002 (LO threshold)
Entries 3423968
ADC
QT Input Channel

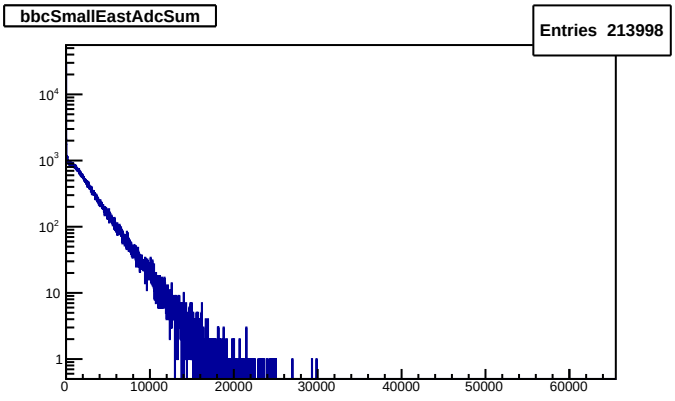

BBQ-VP002 (LO threshold)
Entries 3423968
TAC
QT Input Channel

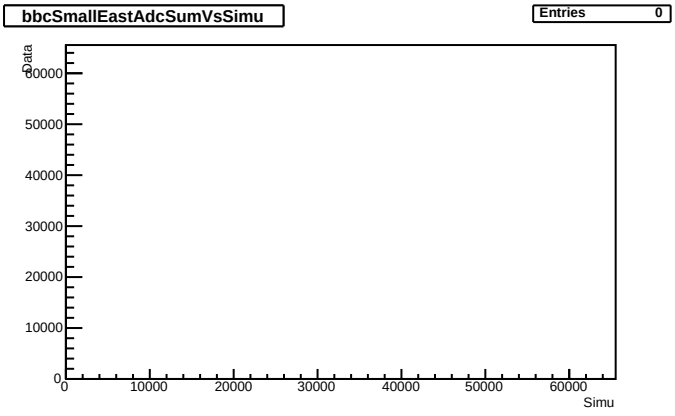

BBQ-VP003 (HI threshold)
Entries 3423968
ADC
QT Input Channel

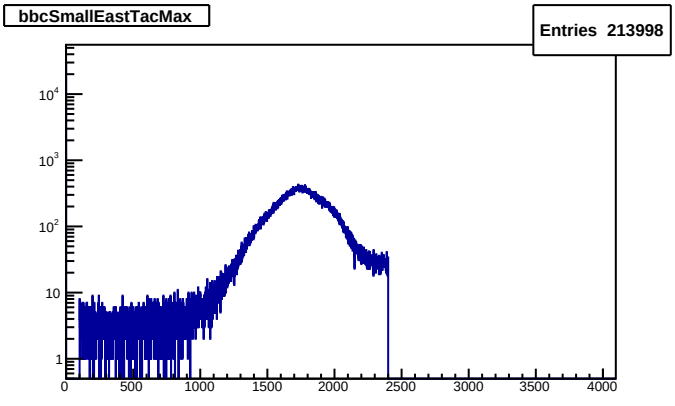

BBQ-VP003 (HI threshold)
Entries 3423968
TAC
QT Input Channel

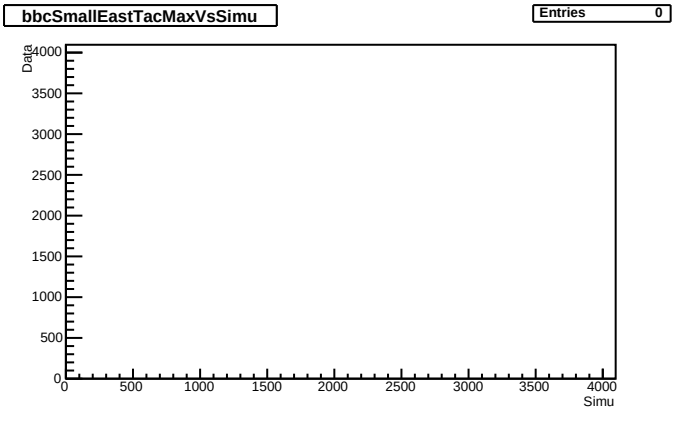

BBQ-VP004 (HI threshold)
Entries 3423968
ADC
QT Input Channel

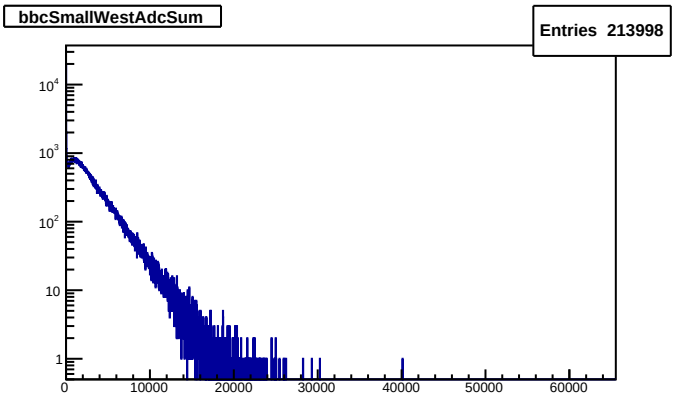

BBQ-VP004 (HI threshold)
Entries 3423968
TAC
QT Input Channel

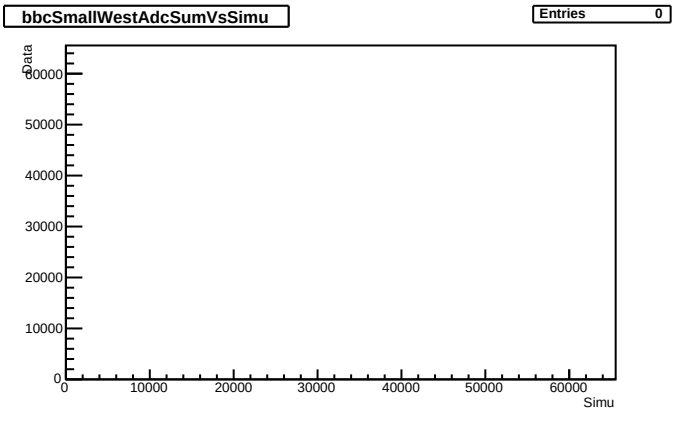

bbcSmallEastAdcSum
Entries 213998

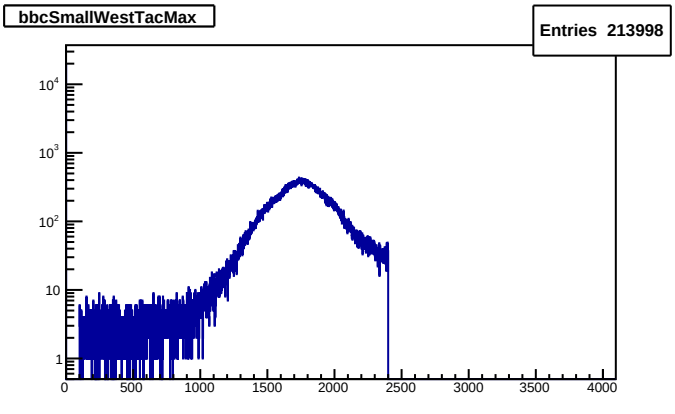

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

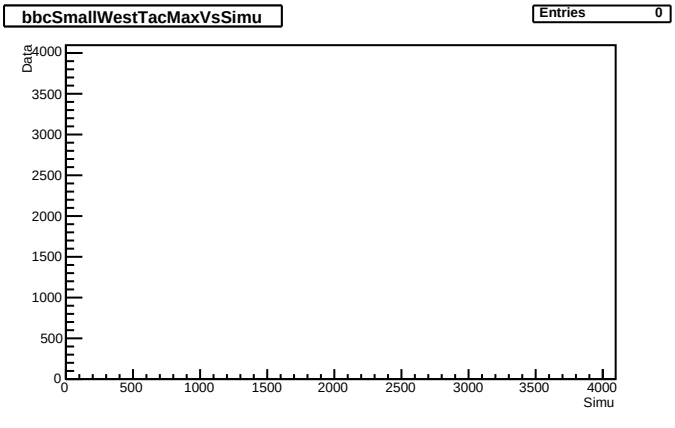

bbcSmallEastTacMax
Entries 213998

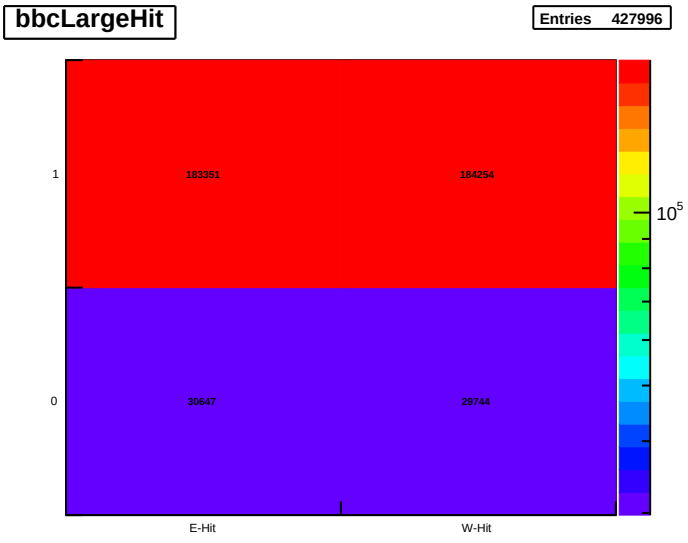

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

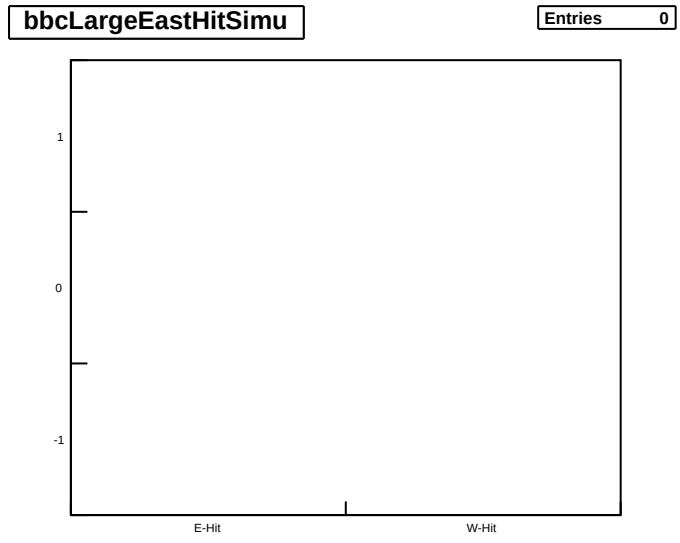

bbcSmallWestAdcSum
Entries 213998

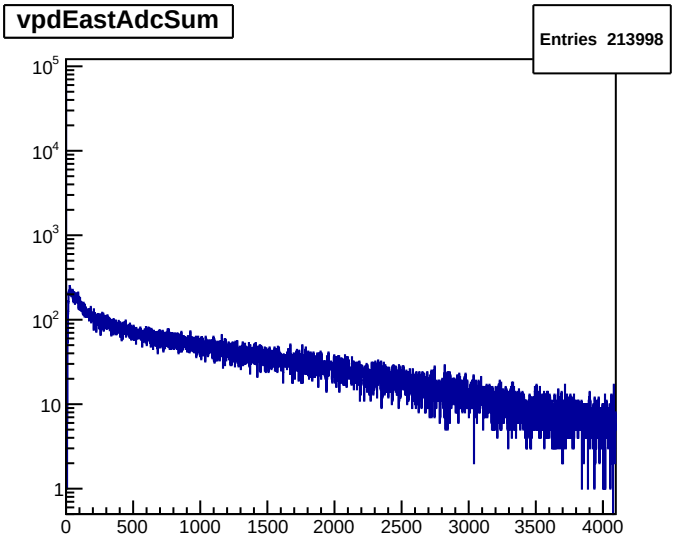

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

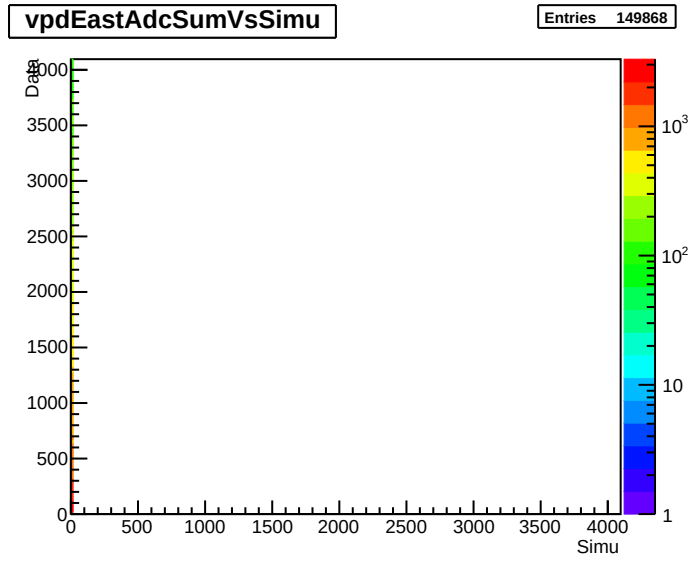

bbcSmallWestTacMax
Entries 213998

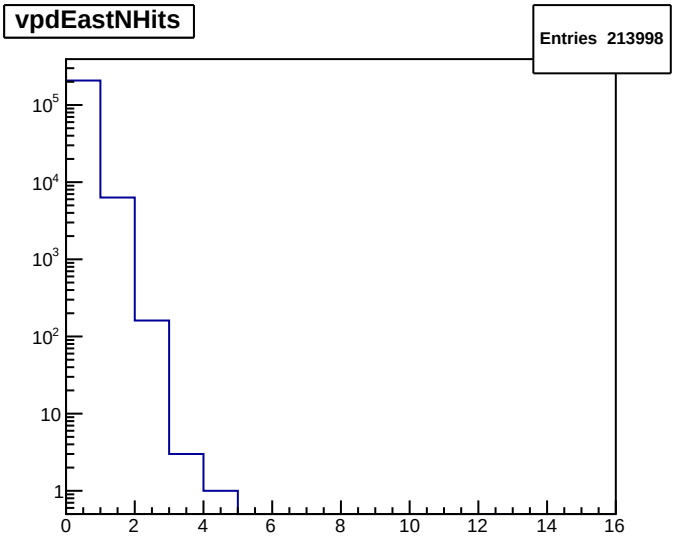

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

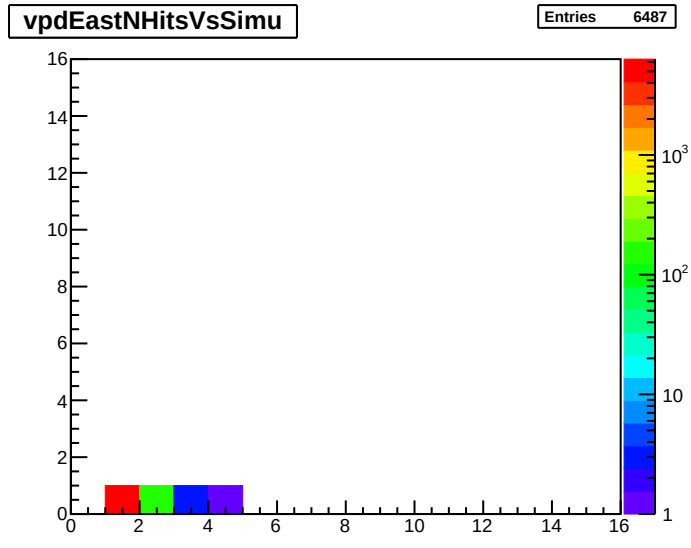

bbcLargeHit
Entries 427996
1
0
183351
184254
30647
29744
$10^5$
E-Hit
W-Hit

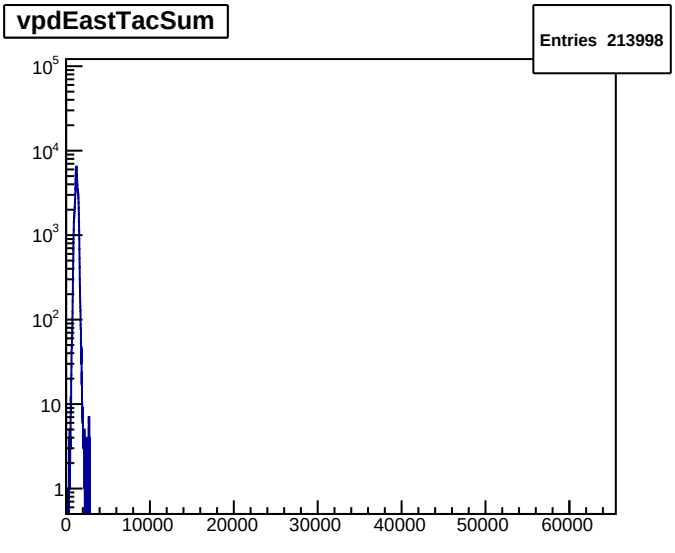

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

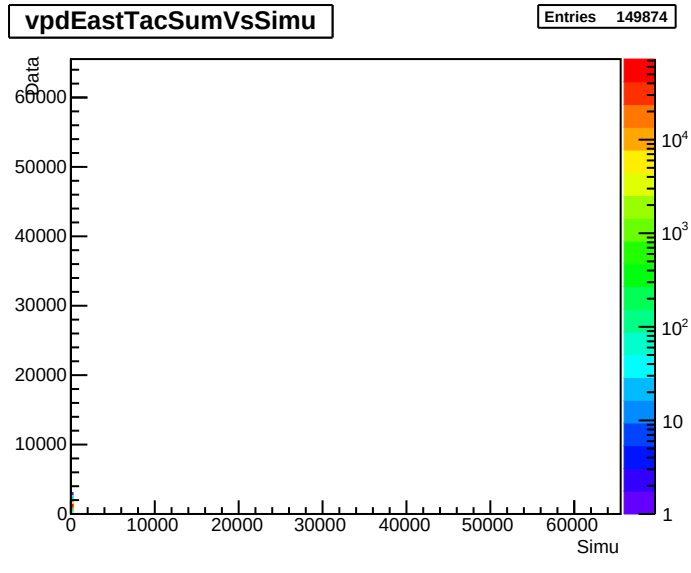

vpdEastAdcSum
Entries 213998

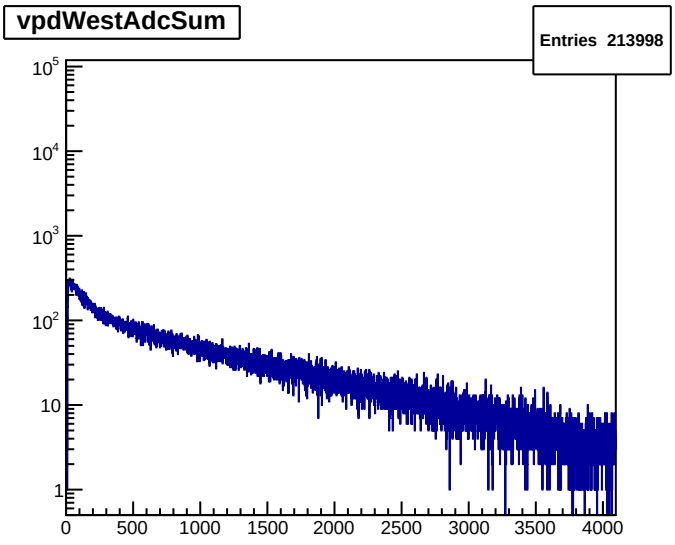

vpdEastAdcSumVsSimu
Entries 149868
Data
Simu

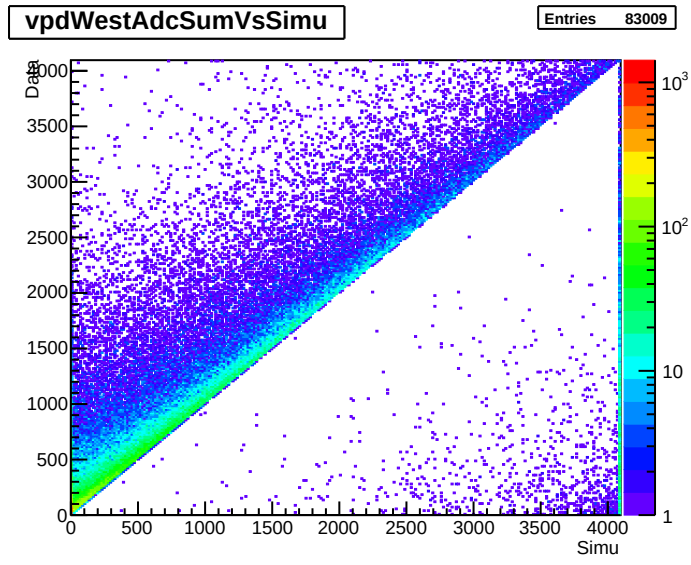

vpdEastNHits
Entries 213998

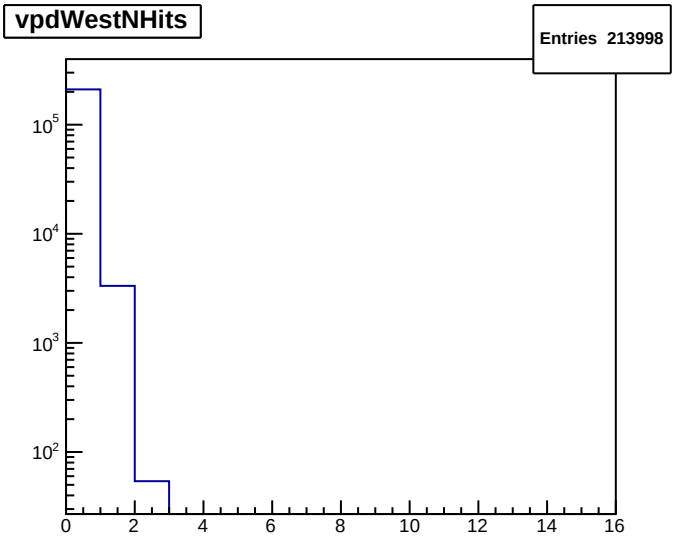

vpdEastNHitsVsSimu
Entries 6487

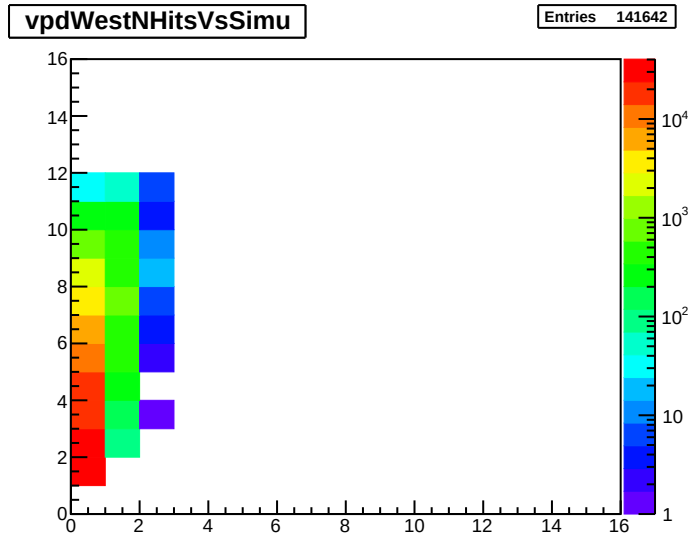

vpdEastTacSum
Entries 213998

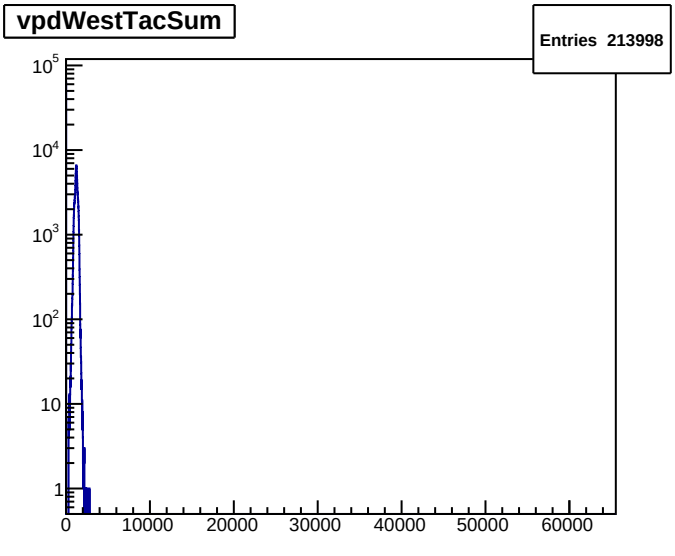

vpdEastTacSumVsSimu
Entries 149874
Data
Simu

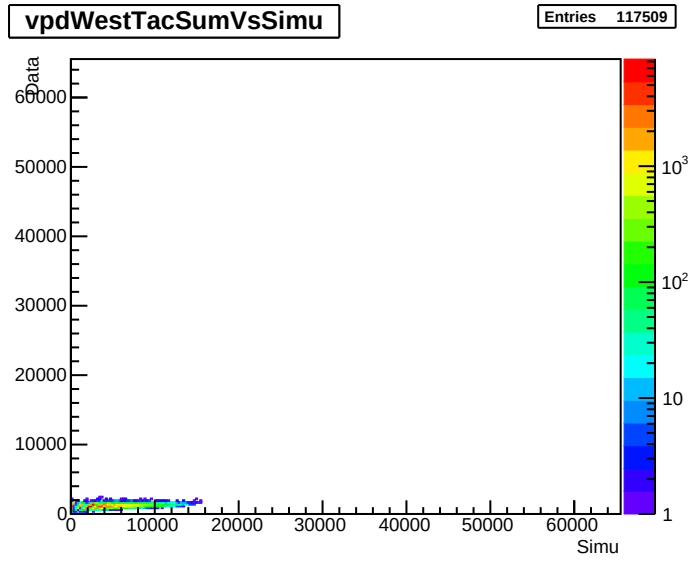

vpdWestAdcSum
Entries 213998

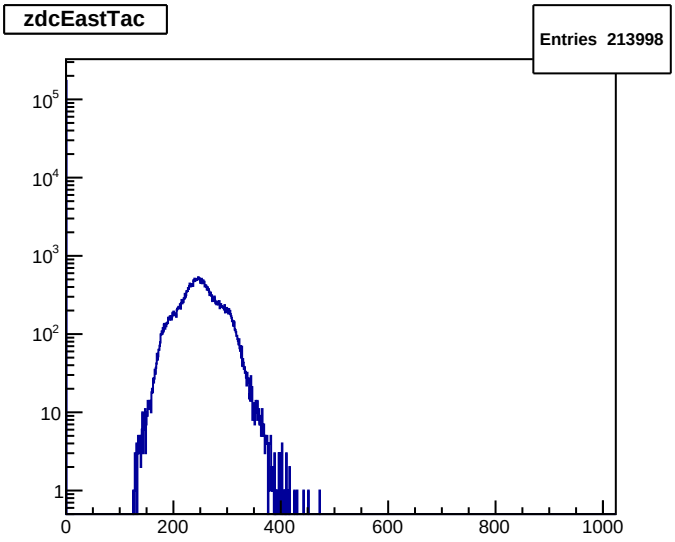

vpdWestAdcSumVsSimu
Entries 83009
Data
Simu

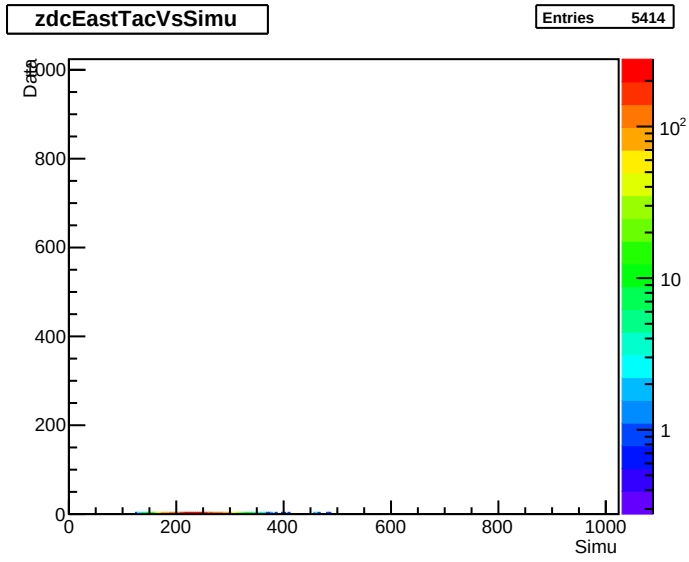

vpdWestNHits
Entries 213998

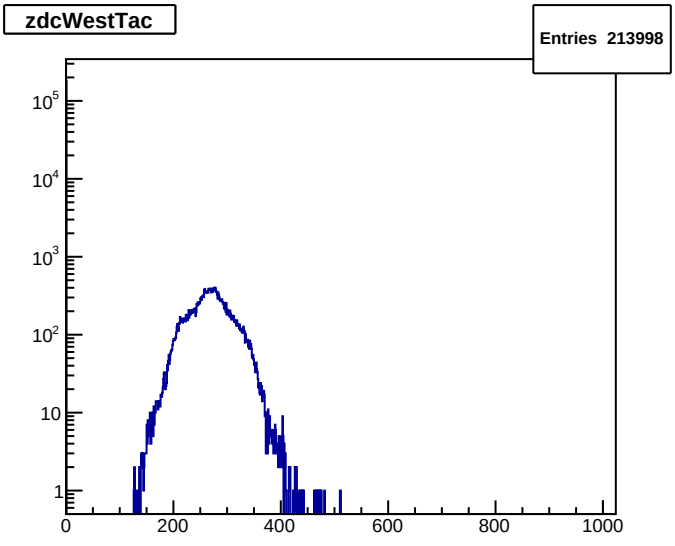

vpdWestNHitsVsSimu
Entries 141642

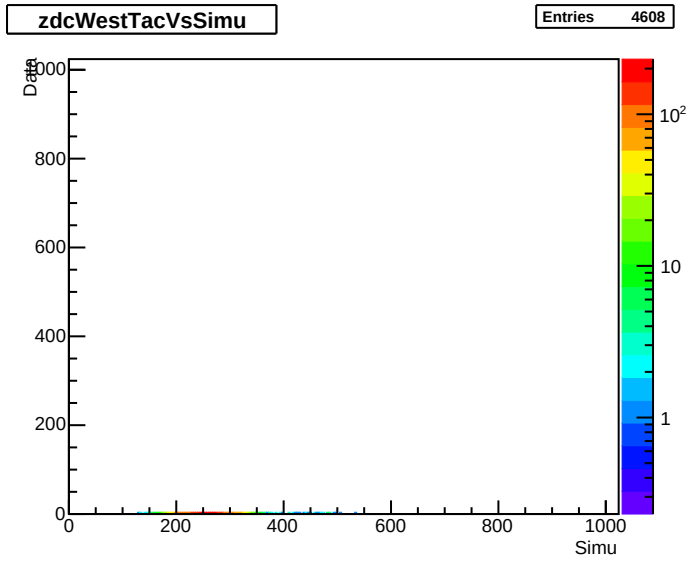

vpdWestTacSum
Entries 213998

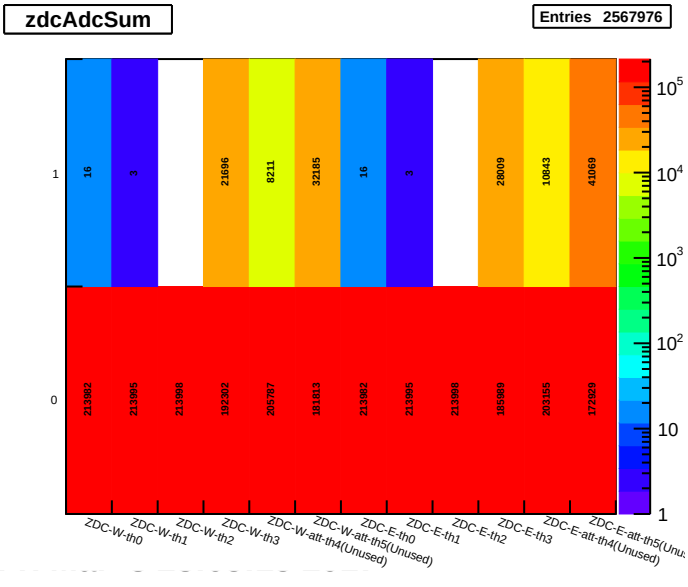

vpdWestTacSumVsSimu
Entries 117509
Data
Simu

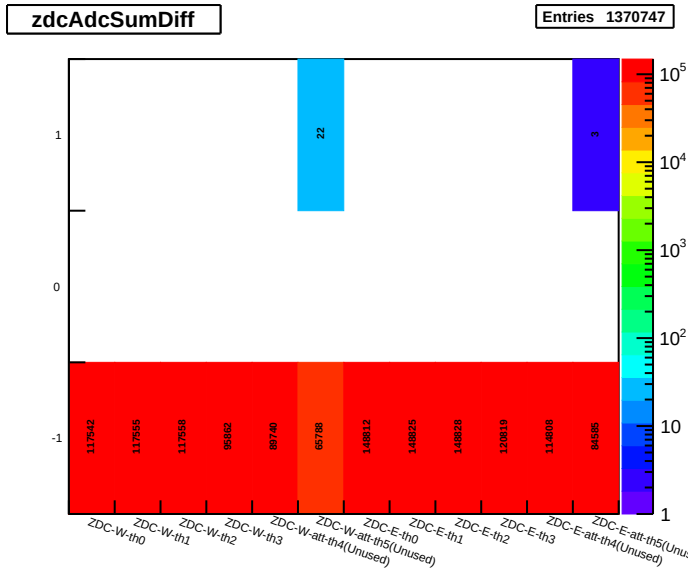

zdcEastTac
Entries 213998

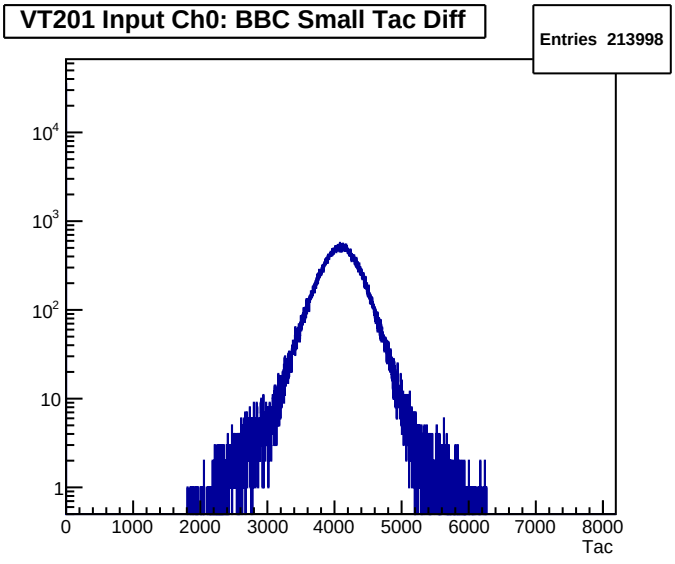

zdcEastTacVsSimu
Entries 5414
Data
Simu

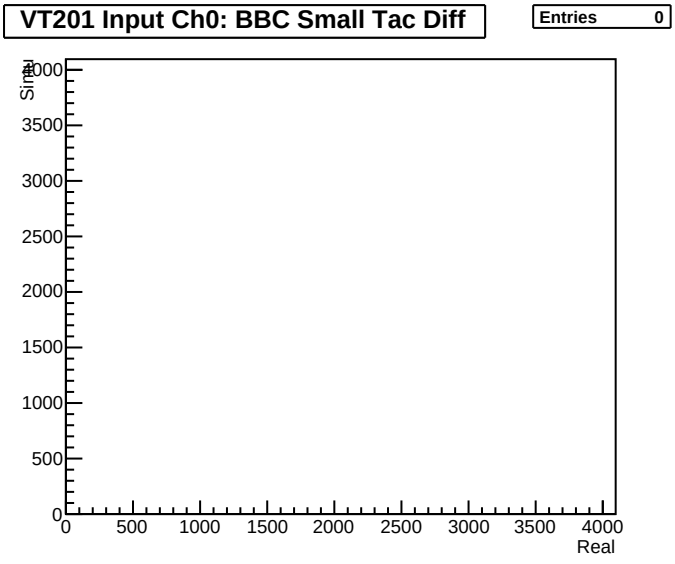

zdcWestTac
Entries 213998

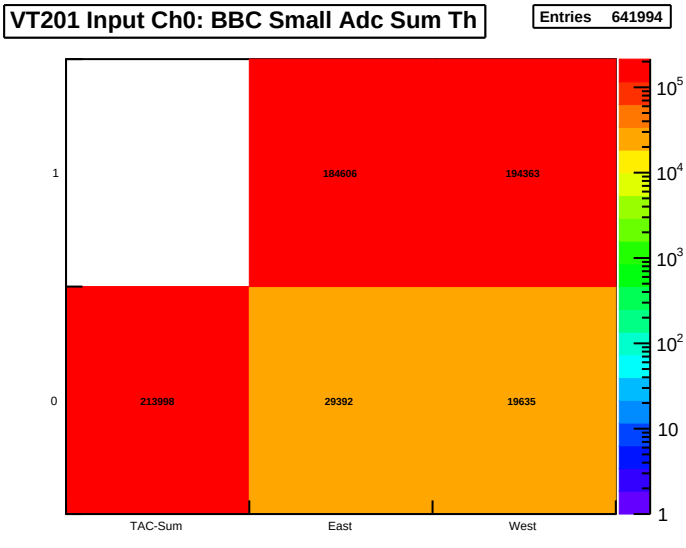

zdcWestTacVsSimu
Entries 4608
Data
Simu

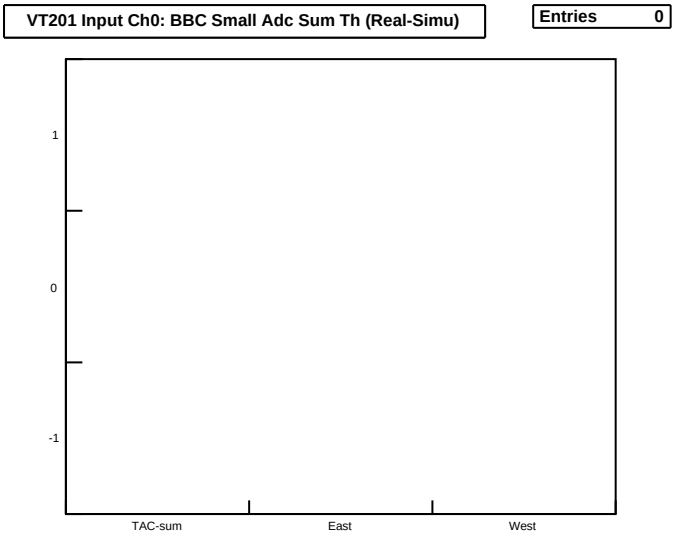

zdcAdcSum
Entries 2567976
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

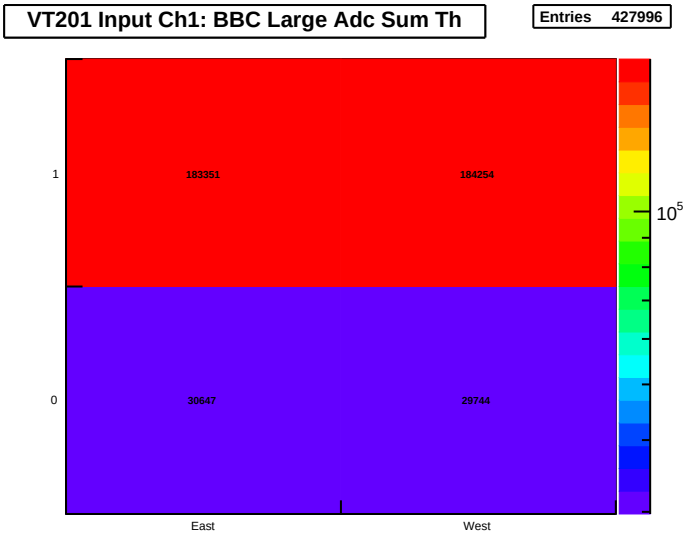

zdcAdcSumDiff
Entries 1370747
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

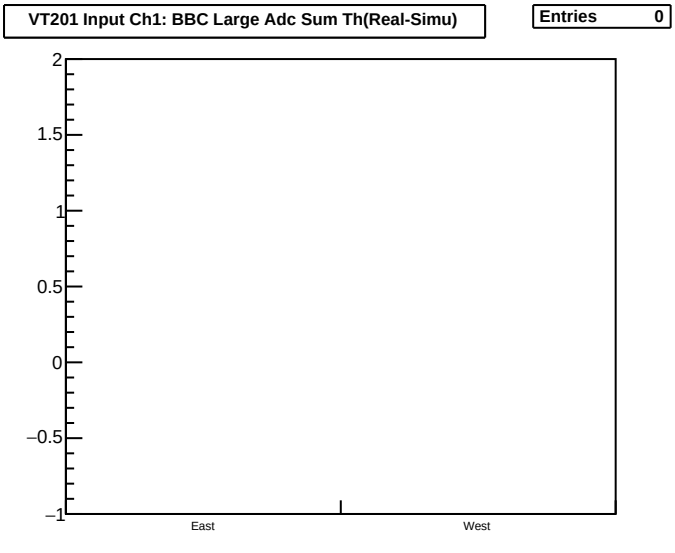

VT201 Input Ch0: BBC Small Tac Diff
Entries 213998
Tac


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

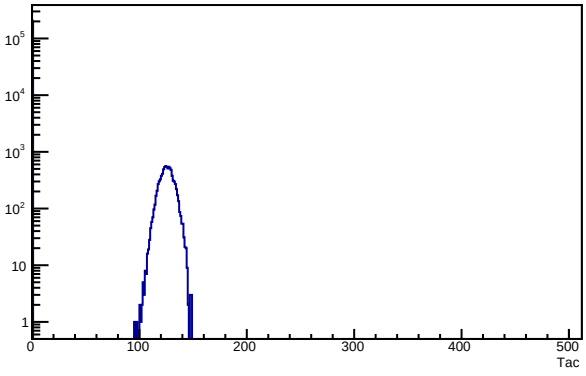

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 641994
184606
194363
213998
29392
19635
TAC-Sum
East
West


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

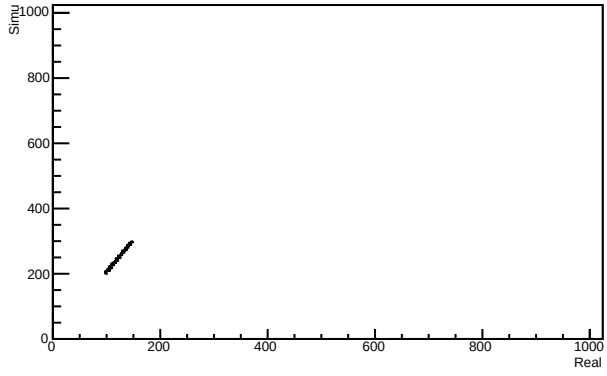

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 427996
183351
184254
30647
29744
East
West


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

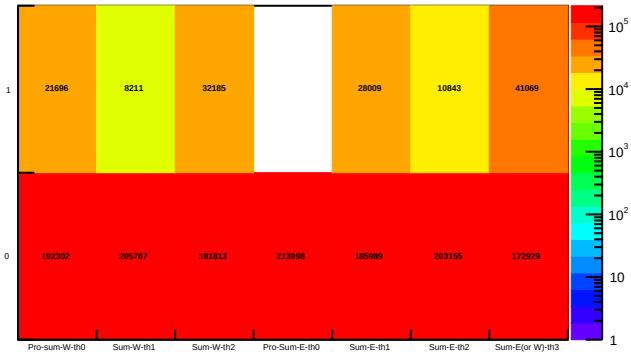
**VT201 Input Ch2: ZDC Tac Diff**



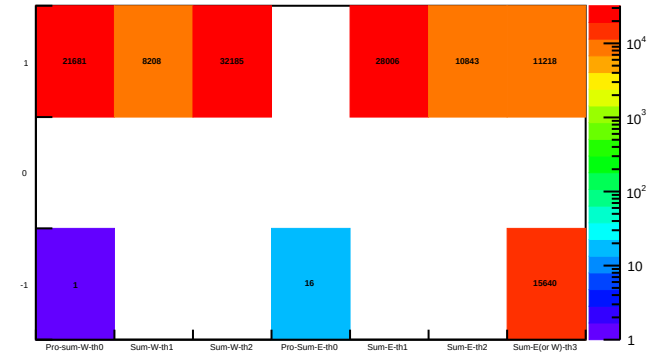

**VT201 Input Ch2: ZDC Tac Diff**



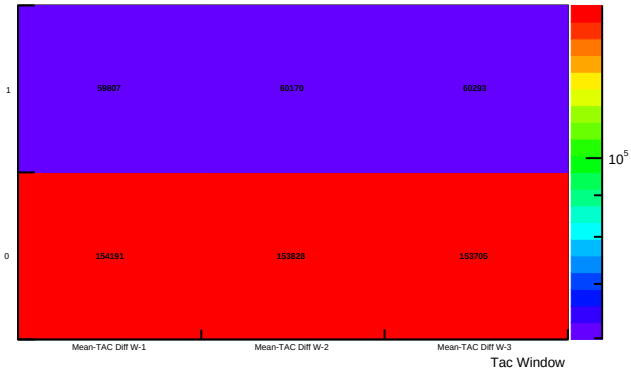

**VT201 Input Ch2: ZDC Adc Sum Th**



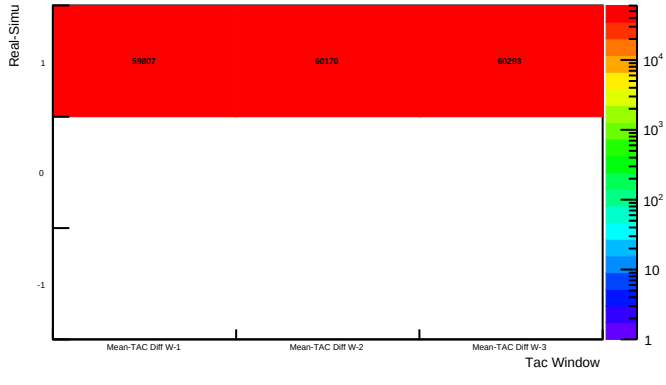

**VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)**



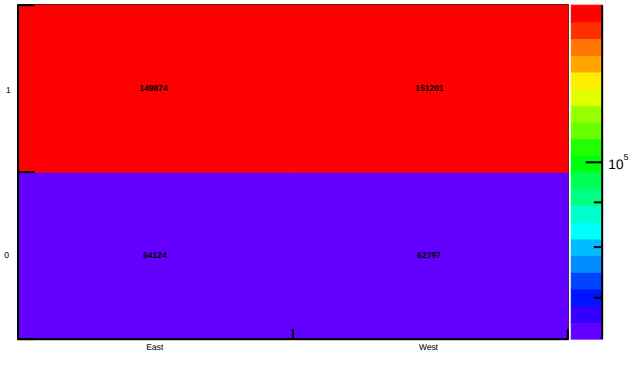

**VT201 Input Ch4: VPD Tac Diff**



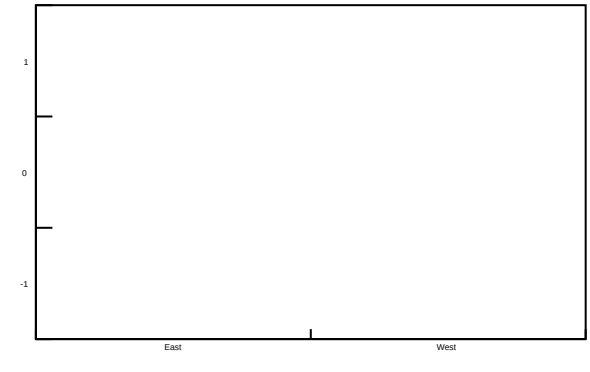

**VT201 Input Ch4: VPD Tac Diff**

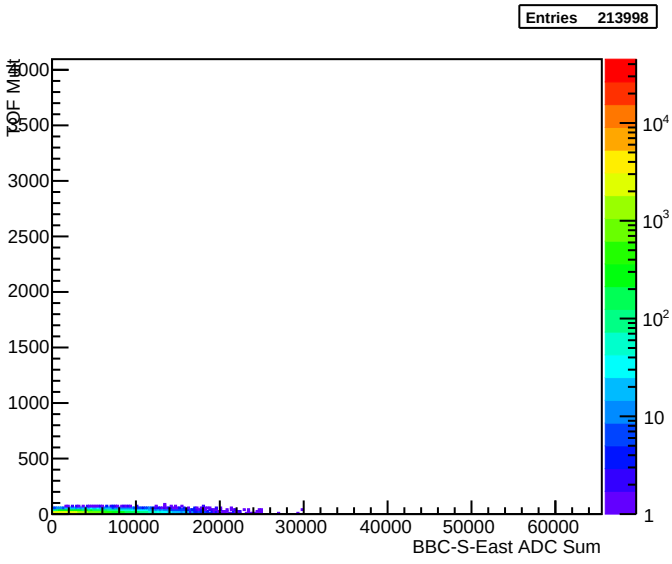


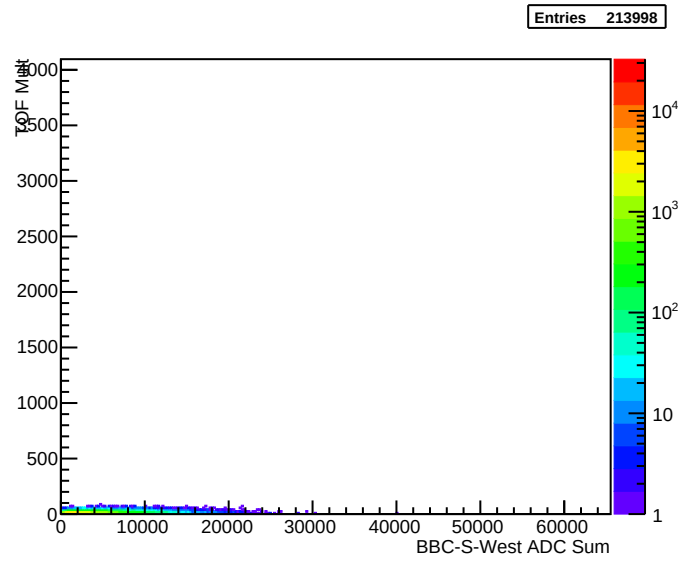

**VT201 Input Ch4: VPD Adc Sum Th**

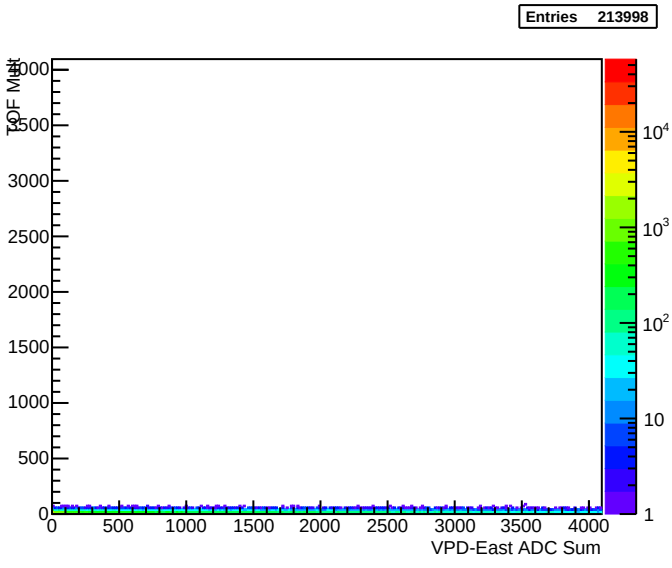


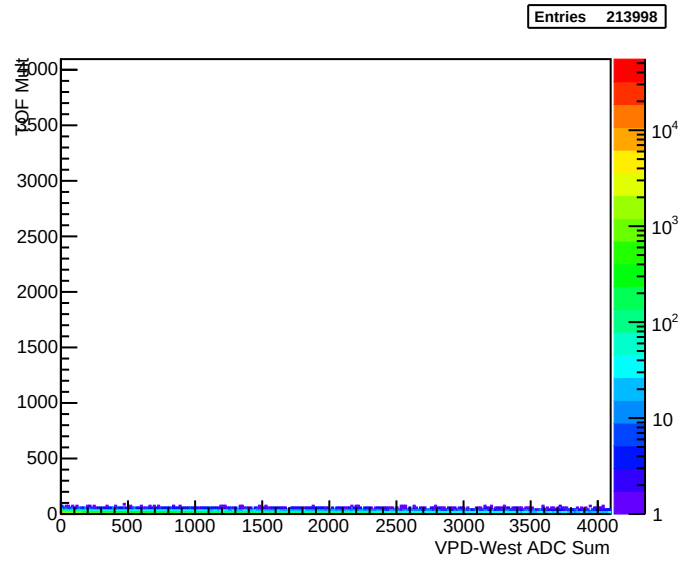

**VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)**

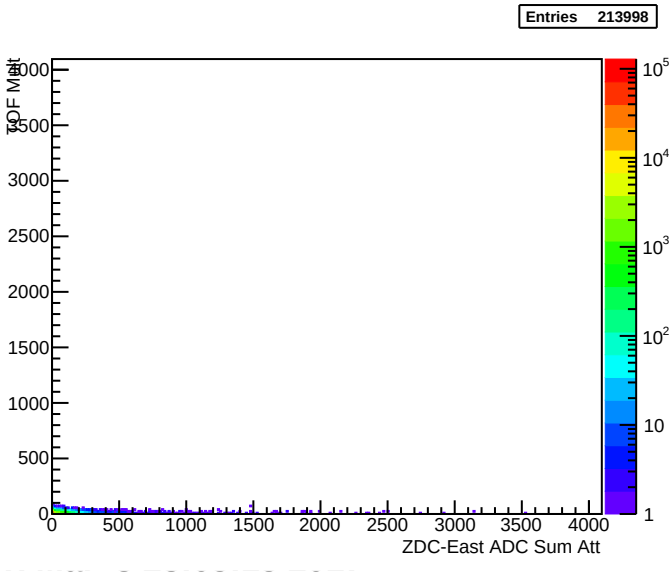


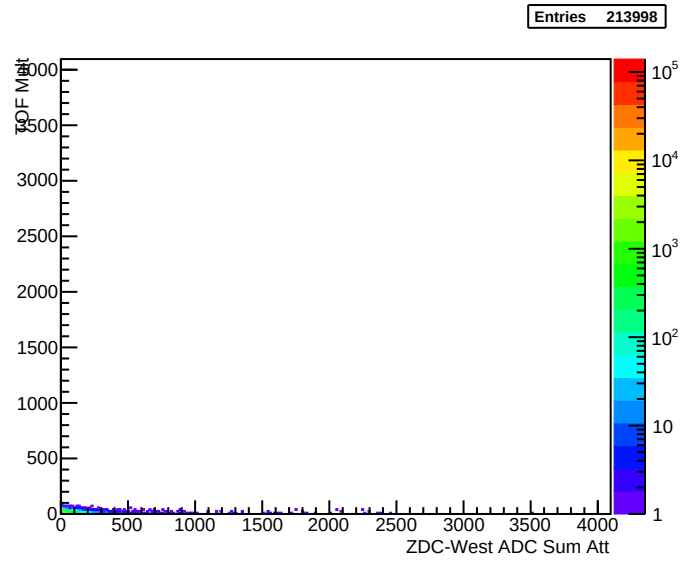

Entries 213998
TOF Mult
BBC-S-East ADC Sum

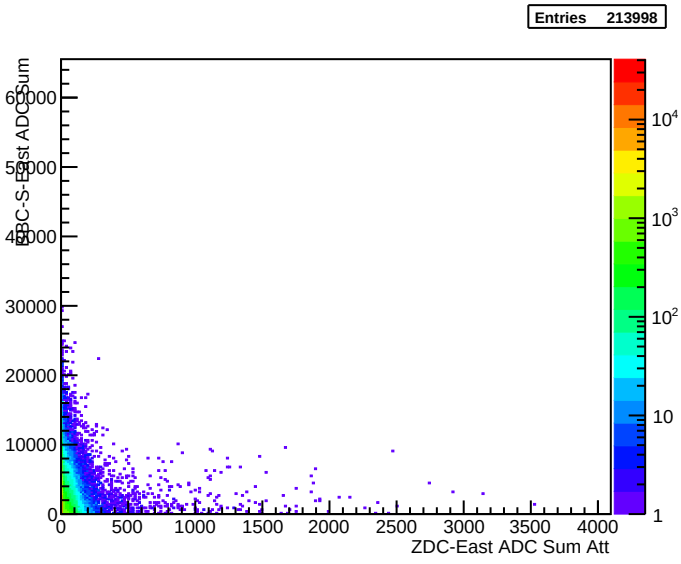

Entries 213998
TOF Mult
BBC-S-West ADC Sum

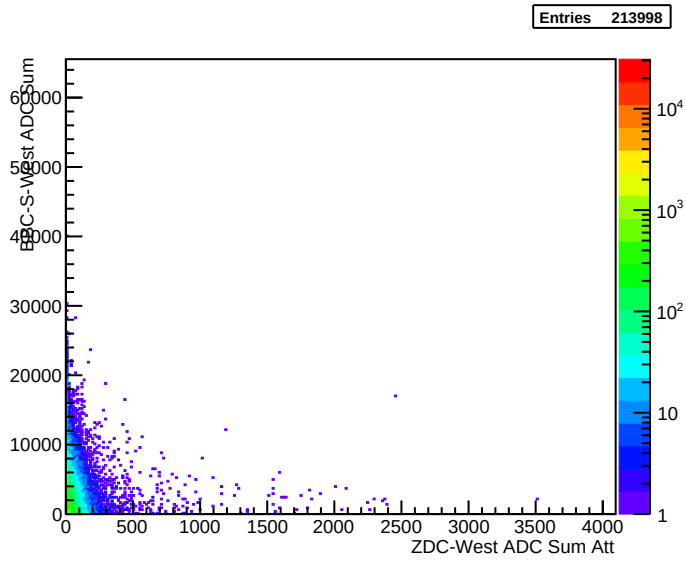

Entries 213998
TOF Mult
VPD-East ADC Sum

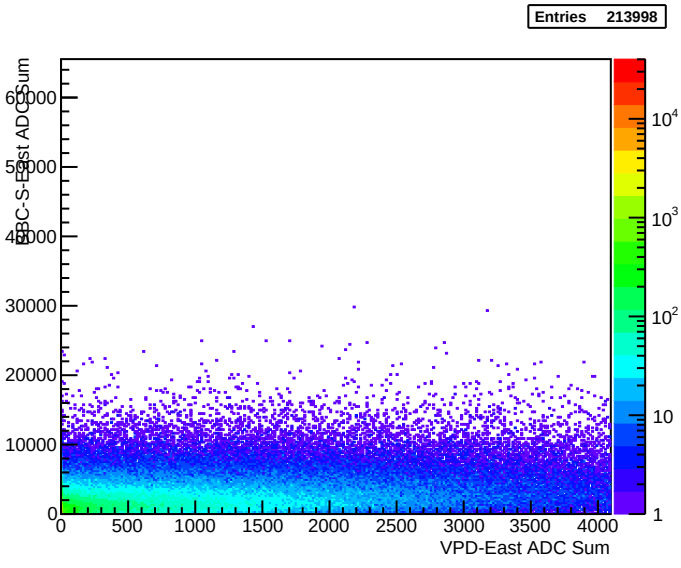

Entries 213998
TOF Mult
VPD-West ADC Sum

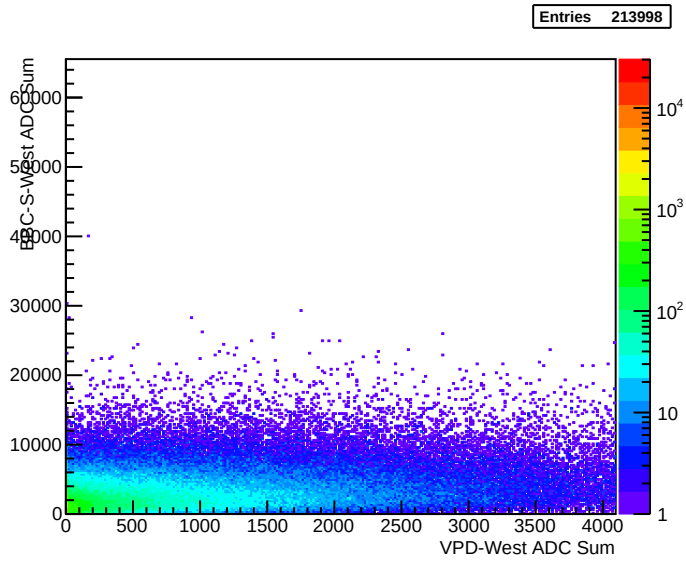

Entries 213998
TOF Mult
ZDC-East ADC Sum Att

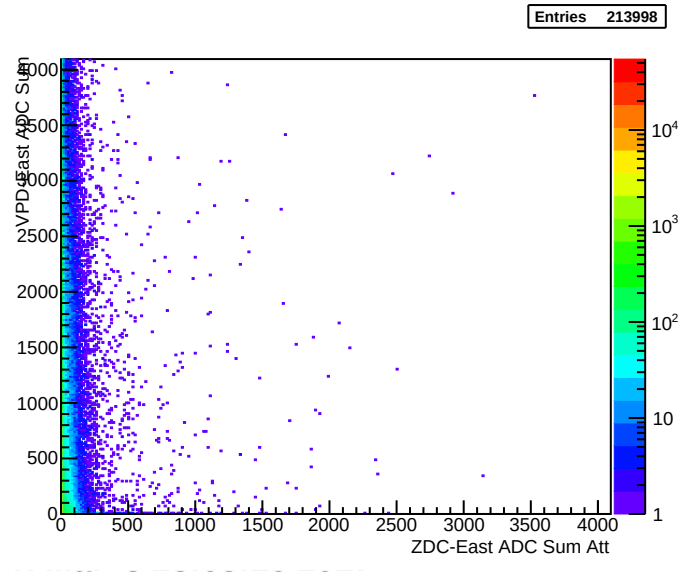

Entries 213998
TOF Mult
ZDC-West ADC Sum Att

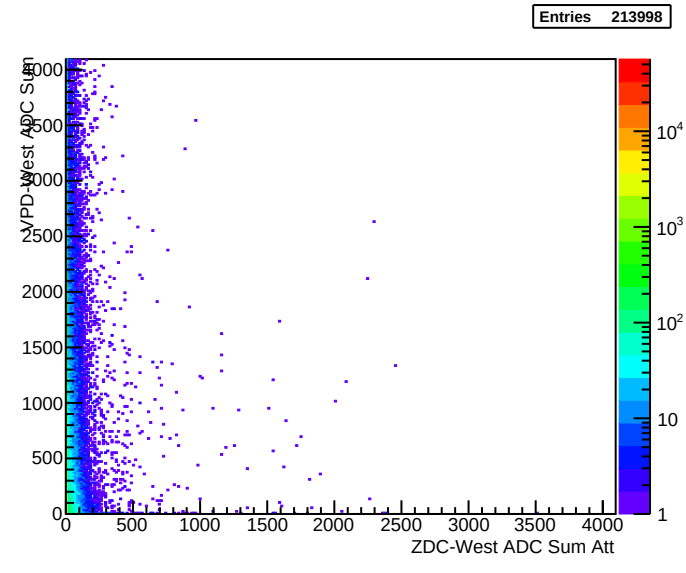

Entries 213998
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

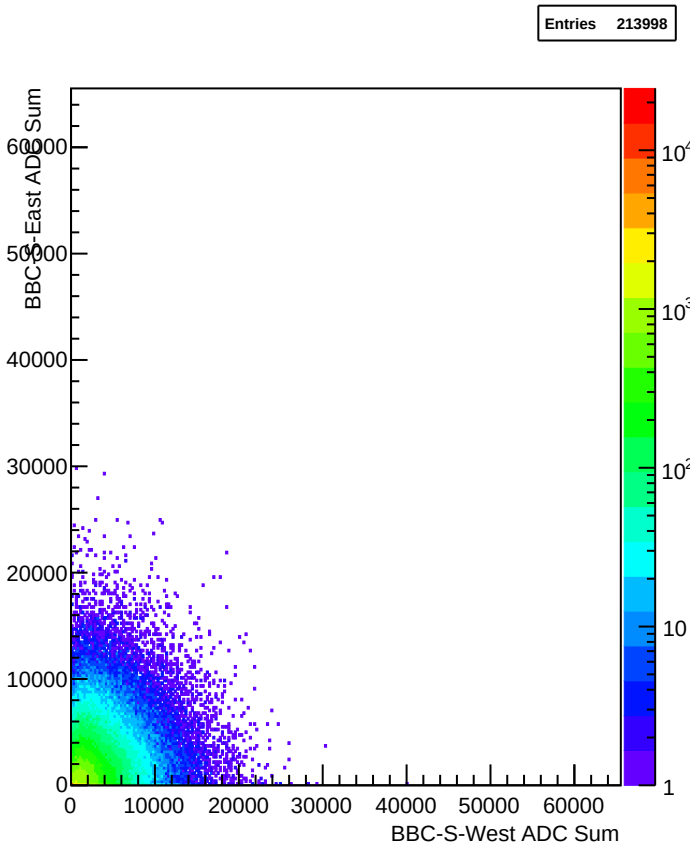

Entries 213998
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

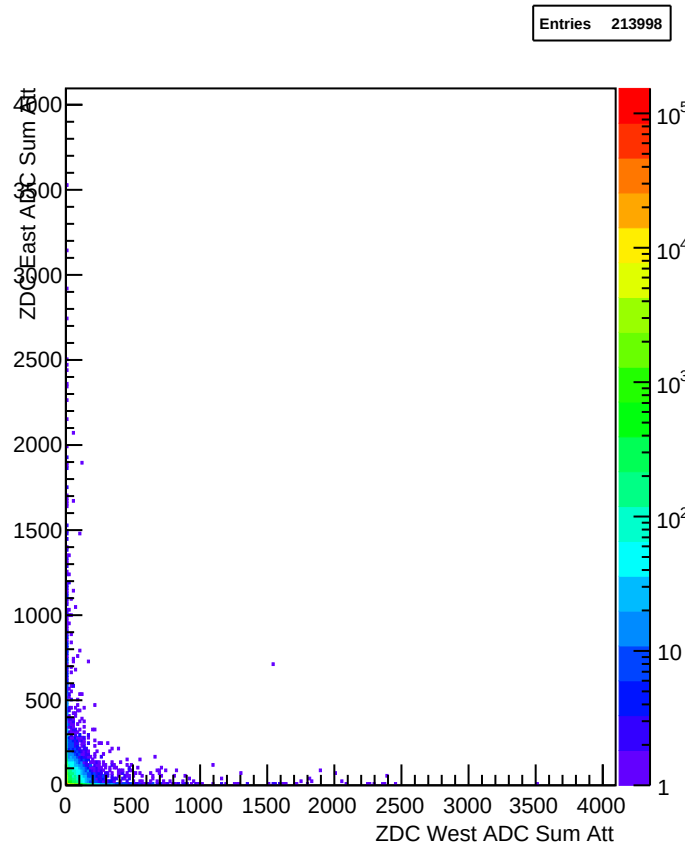

Entries 213998
BBC-S-East ADC Sum
VPD-East ADC Sum

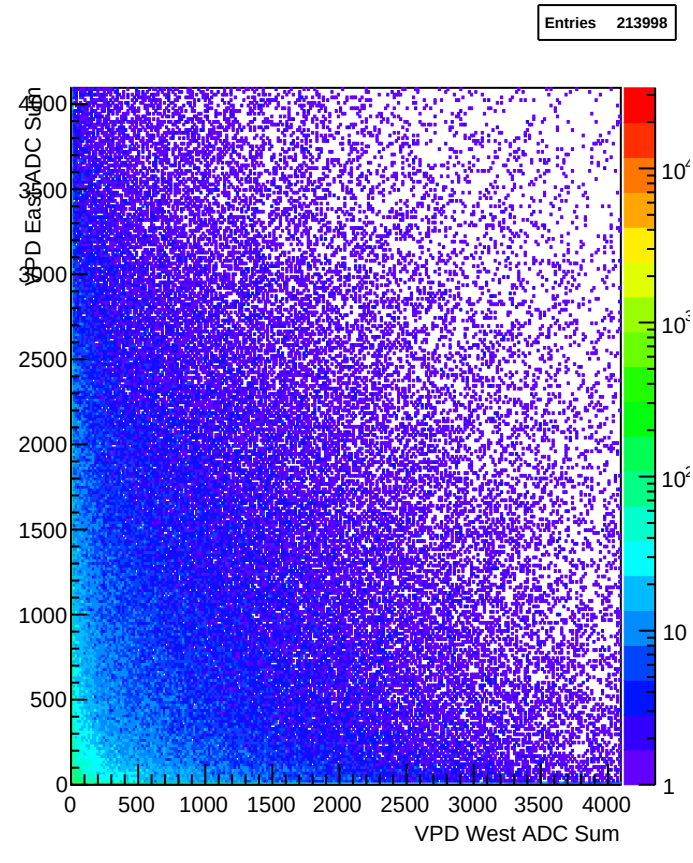

Entries 213998
BBC-S-West ADC Sum
VPD-West ADC Sum

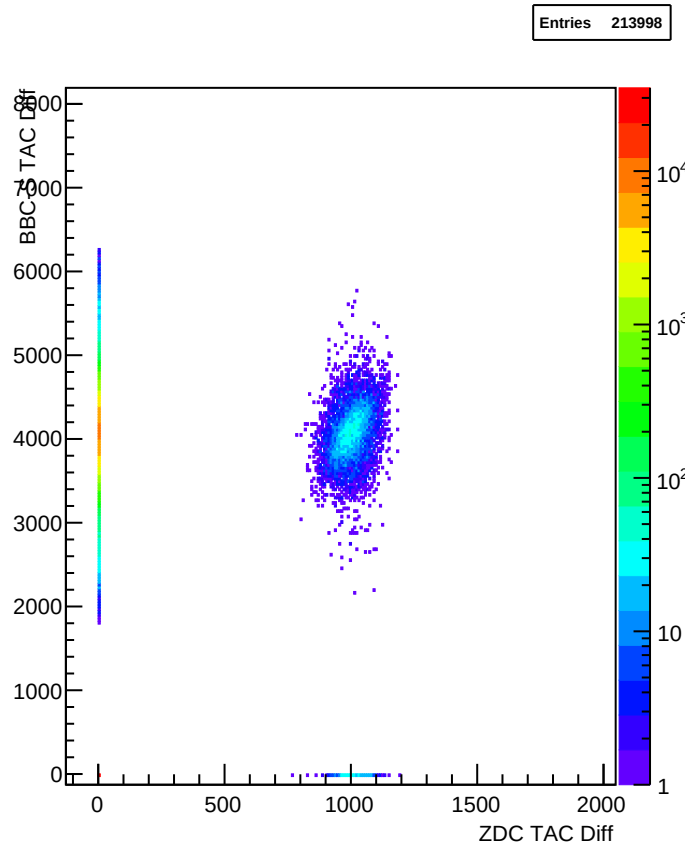

Entries 213998
VPD-East ADC Sum
ZDC-East ADC Sum Att

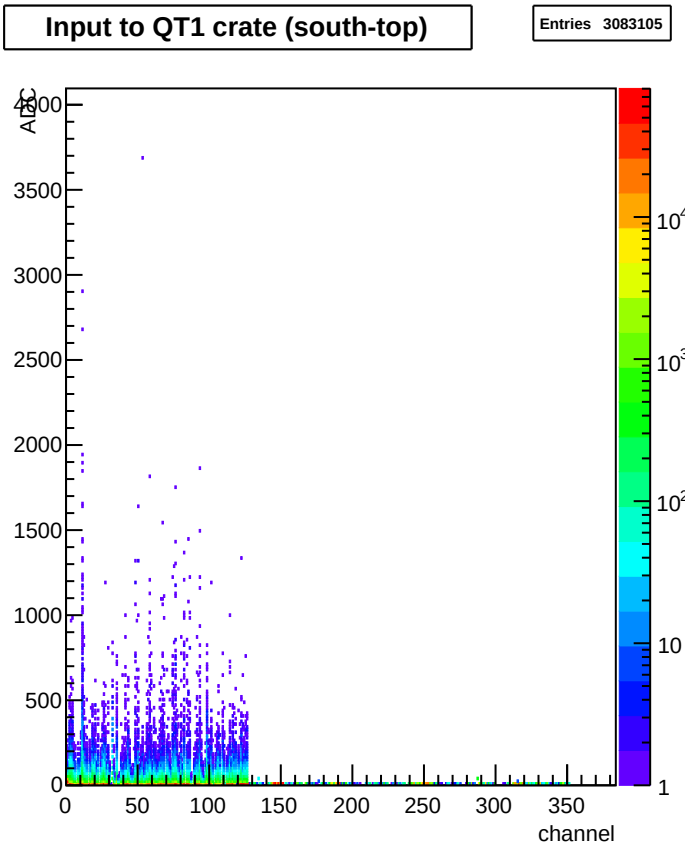

Entries 213998
VPD-West ADC Sum
ZDC-West ADC Sum Att

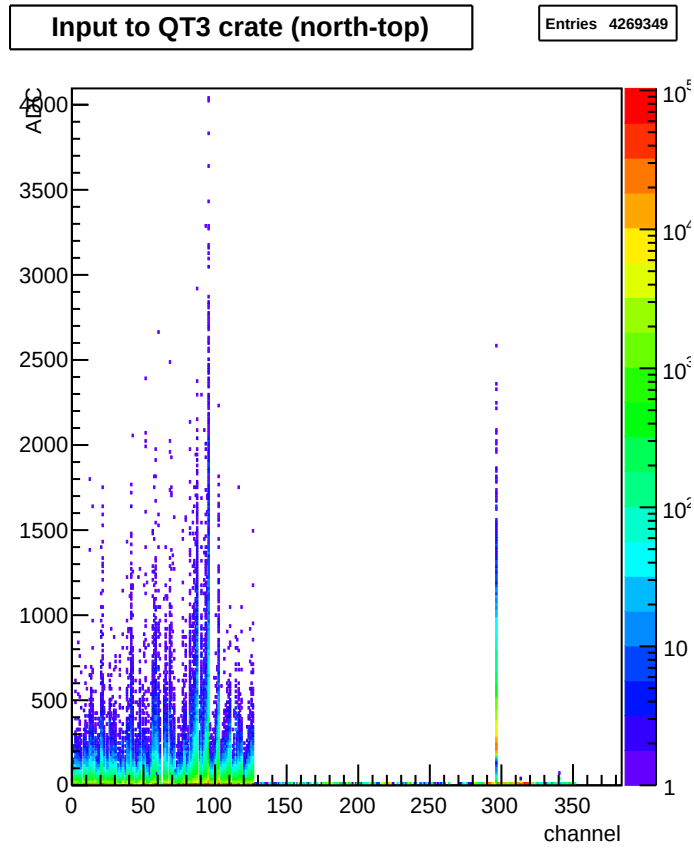

Entries 213998
BBC-S-East ADC Sum
BBC-S-West ADC Sum

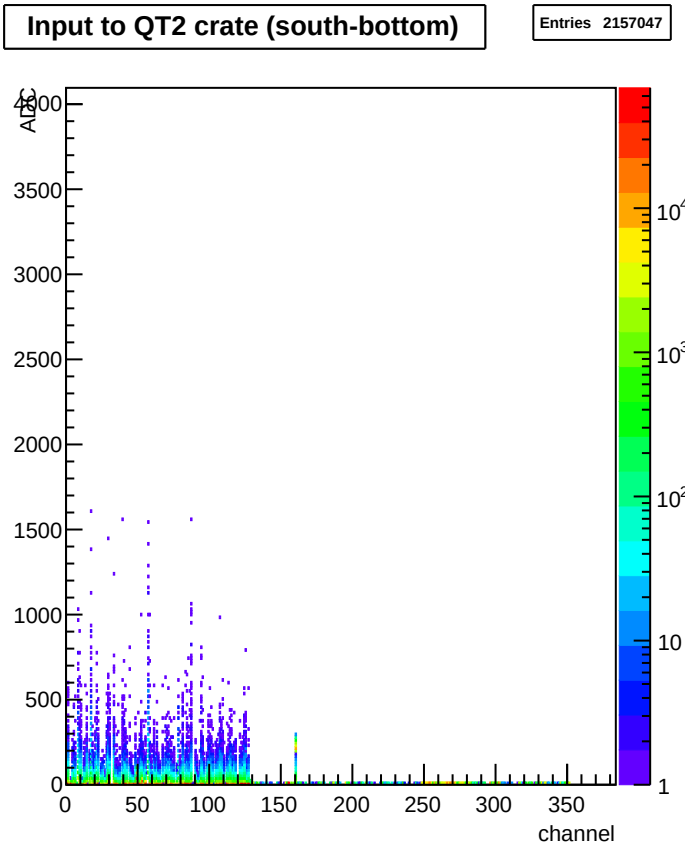

Entries 213998
ZDC East ADC Sum Att
ZDC West ADC Sum Att

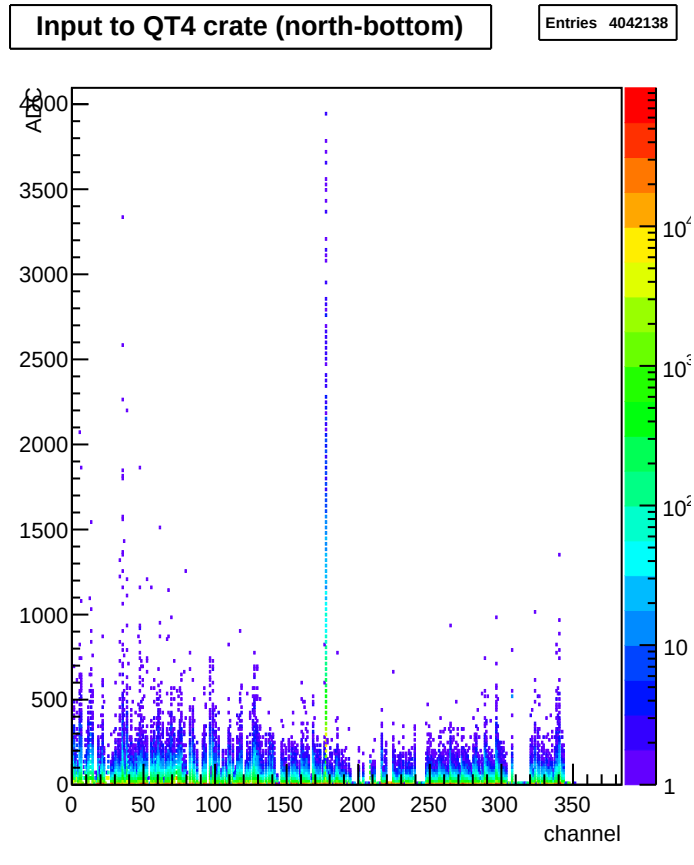

Entries 213998
VPD East ADC Sum
VPD West ADC Sum

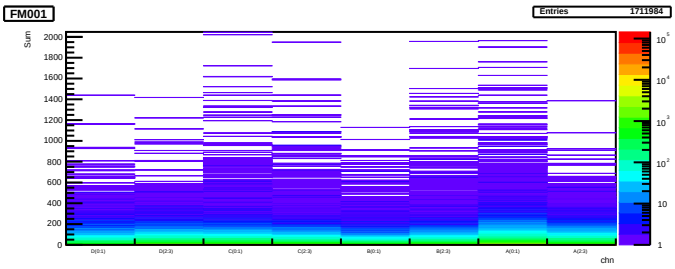

Entries 213998
BBC-S TAC Diff
ZDC TAC Diff

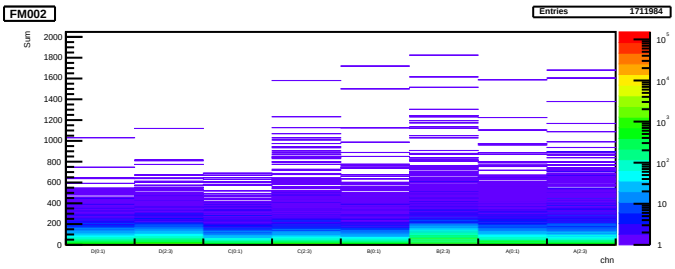

Input to QT1 crate (south-top)
Entries 3083105
ADC
channel

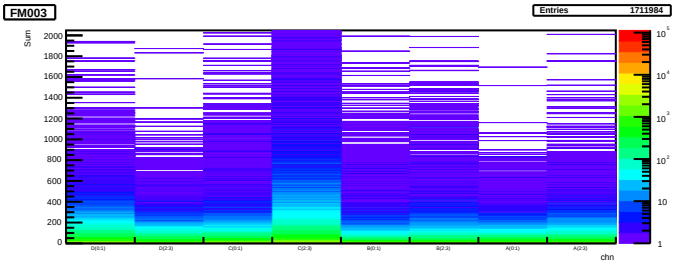

Input to QT3 crate (north-top)
Entries 4269349
ADC
channel

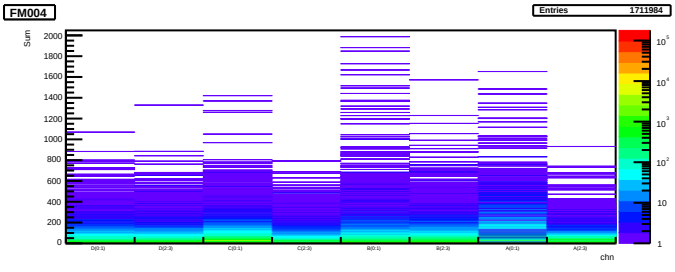

Input to QT2 crate (south-bottom)
Entries 2157047
ADC
channel

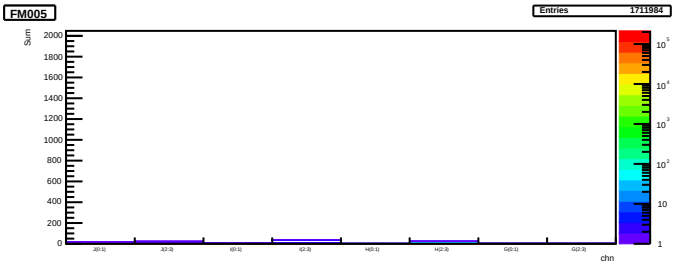

Input to QT4 crate (north-bottom)
Entries 4042138
ADC
channel

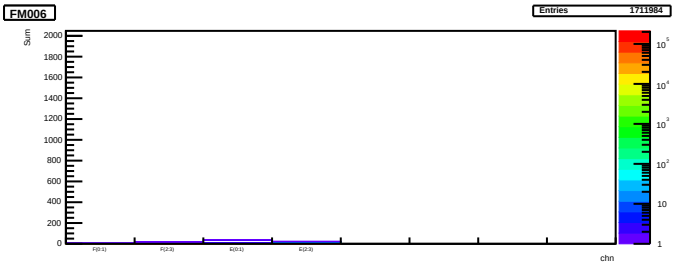

FM001
Entries 1711984
Sum
chn

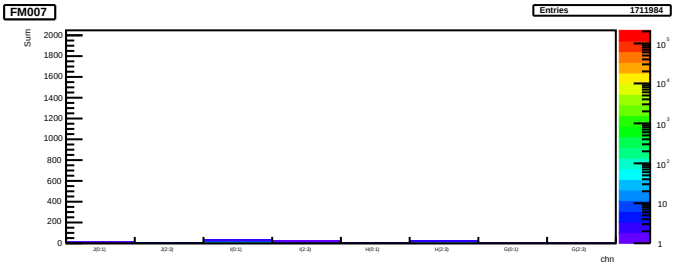

FM002
Entries 1711984
Sum
chn

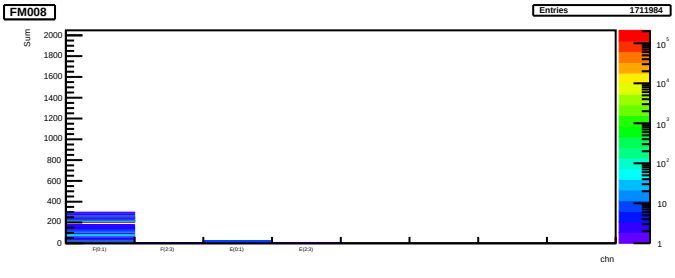

FM003
Entries 1711984
Sum
chn

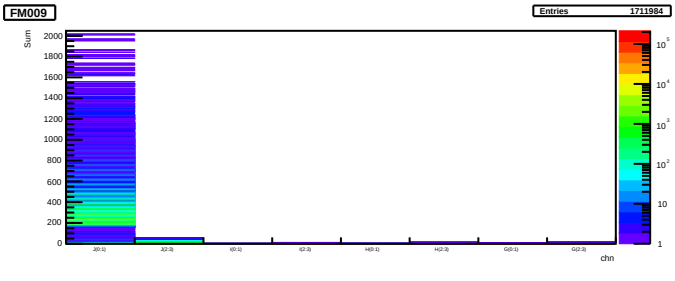

FM004
Entries 1711984
Sum
chn

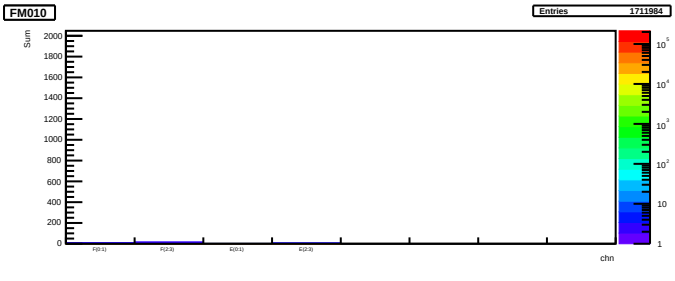

FM005
Entries 1711984
Sum
chn

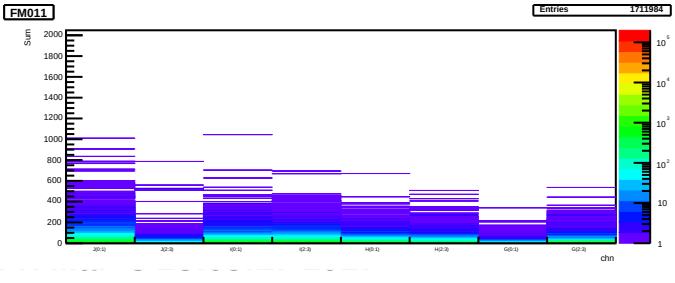

FM006
Entries 1711984
Sum
chn

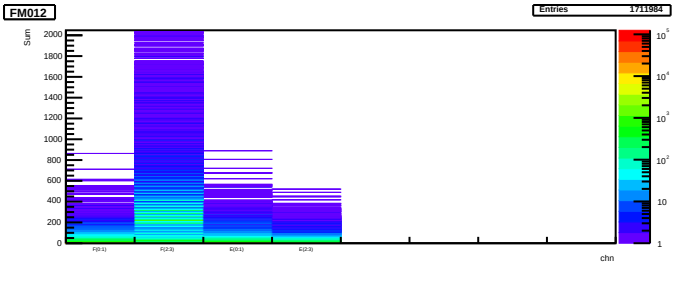

FM007
Entries 1711984
Sum
chn

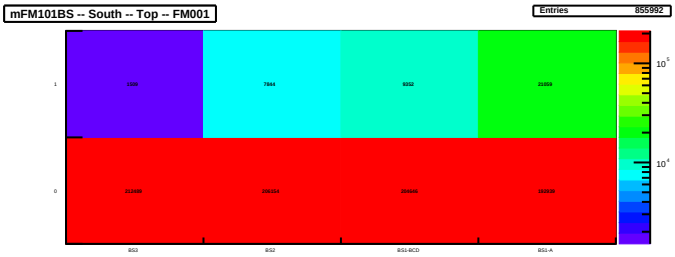

FM008
Entries 1711984
Sum
chn

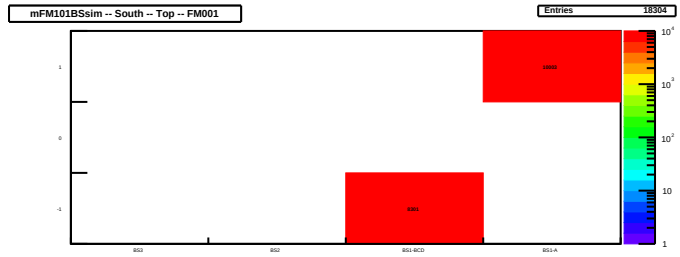

FM009
Entries 1711984
Sum
chn

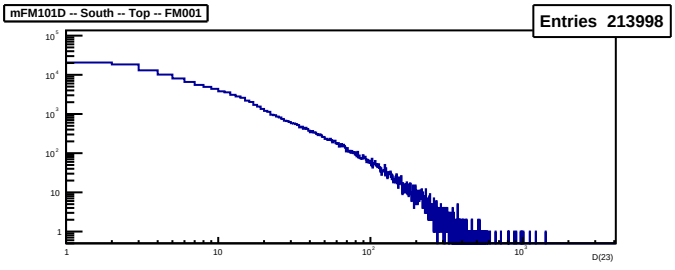

FM010
Entries 1711984
Sum
chn

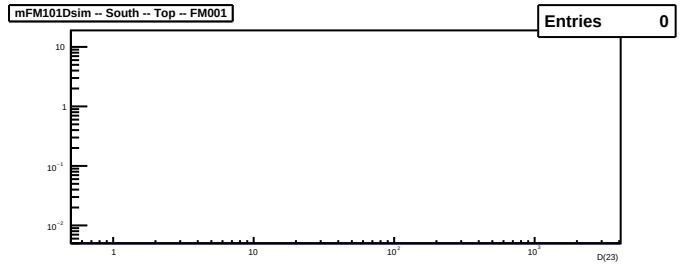

FM011
Entries 1711984
Sum
chn

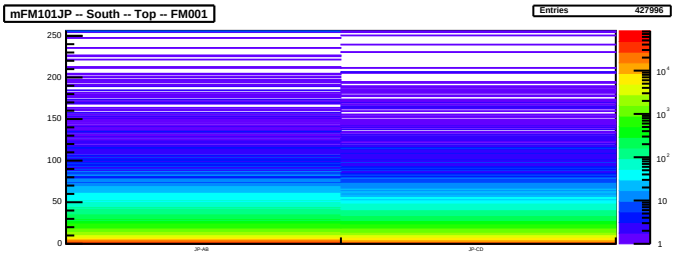

FM012
Entries 1711984
Sum
chn

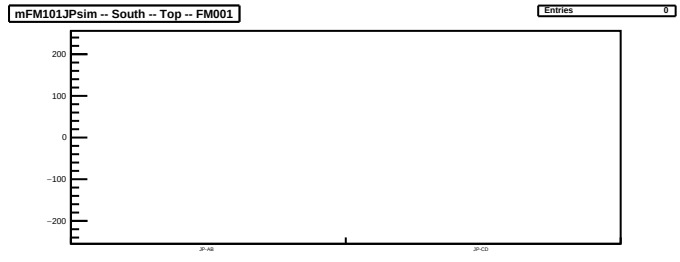

mFM101BS -- South -- Top -- FM001
Entries 855992
BS3
BS2
BS1-BCD
BS1-A

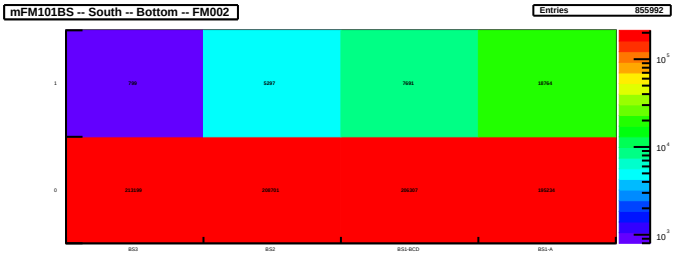

mFM101BSsim -- South -- Top -- FM001
Entries 18304
BS3
BS2
BS1-BCD
BS1-A

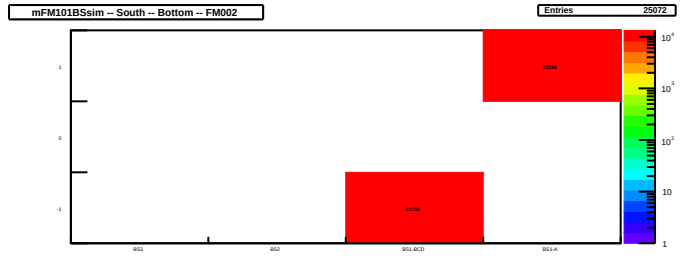

mFM101D -- South -- Top -- FM001
Entries 213998
D(23)

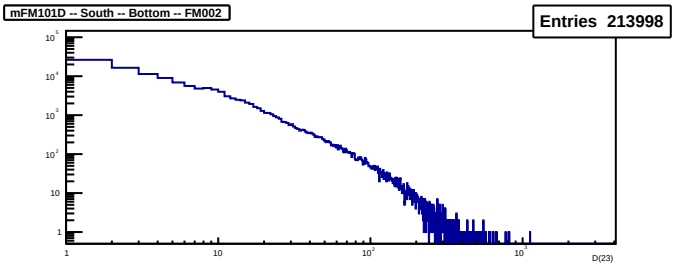

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

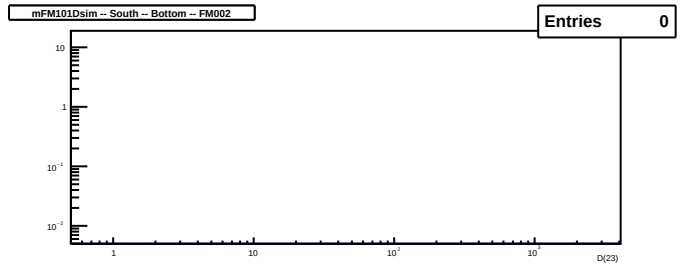

mFM101JP -- South -- Top -- FM001
Entries 427996
JP-AB
JP-CD


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


mFM101BS -- South -- Bottom -- FM002
Entries 855992
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Bottom -- FM002
Entries 25072
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 213998
D(23)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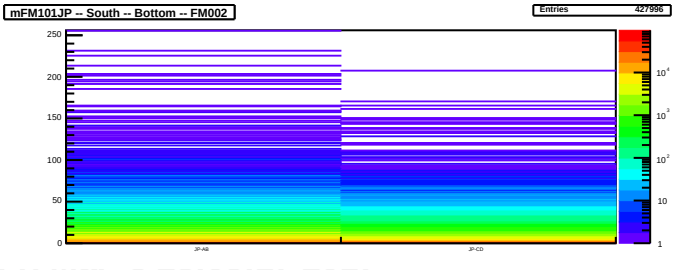
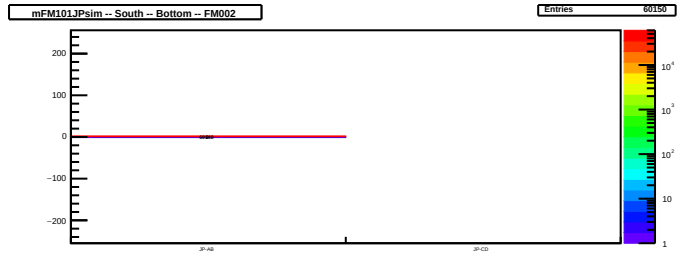
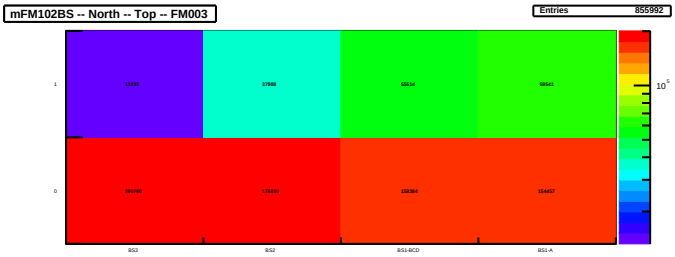
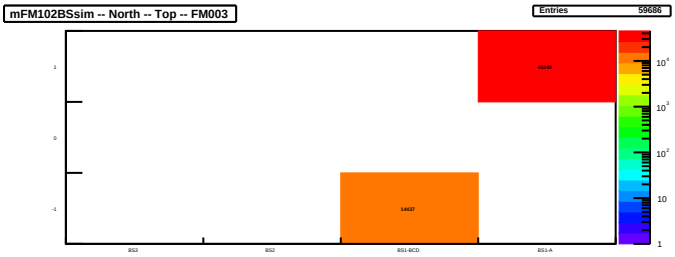
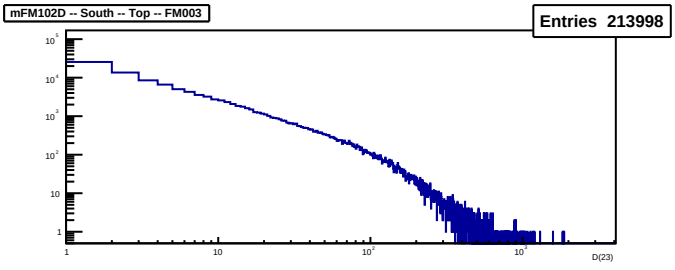
Entries 0
D(23)

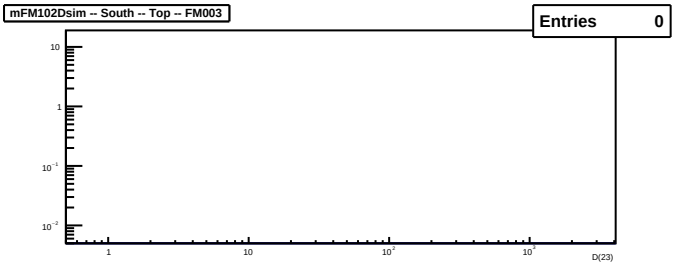

mFM101JP -- South -- Bottom -- FM002
Entries 427996
JP-AB
JP-CD

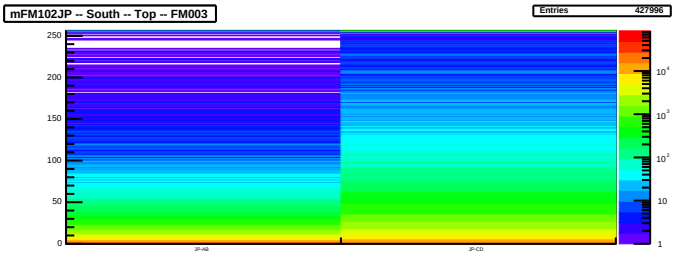

mFM101JPsim -- South -- Bottom -- FM002
Entries 60150
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 855992
BS3
BS2
BS1-BCD
BS1-A

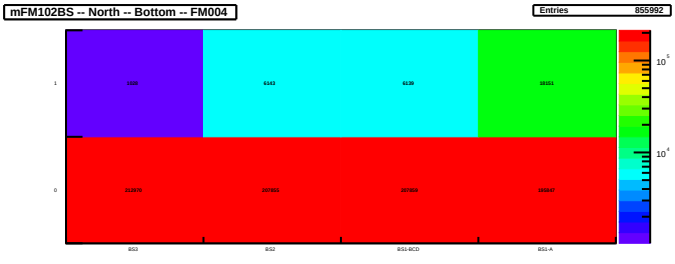

mFM102BSsim -- North -- Top -- FM003
Entries 59686
BS3
BS2
BS1-BCD
BS1-A

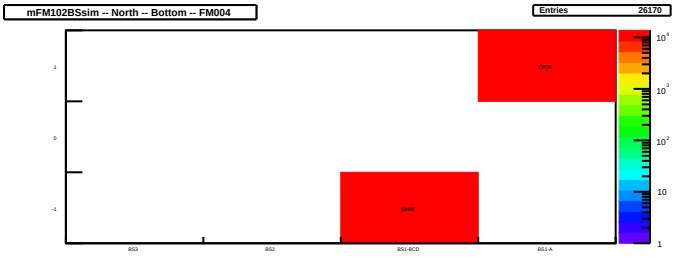

mFM102D -- South -- Top -- FM003
Entries 213998
D(23)

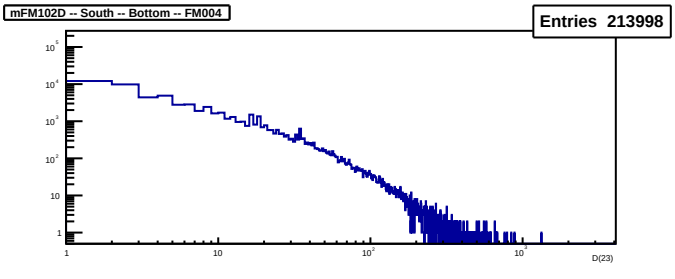

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

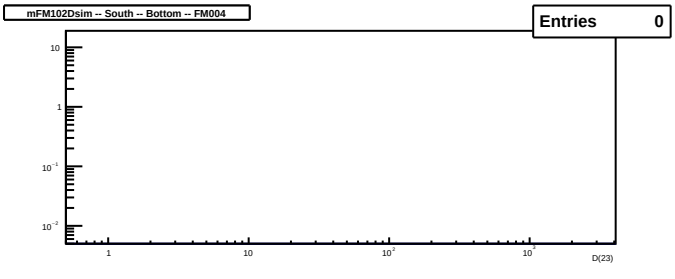

mFM102JP -- South -- Top -- FM003
Entries 427996
JP-AB
JP-CD

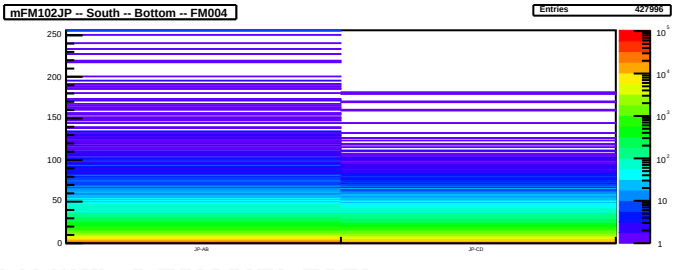
mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD

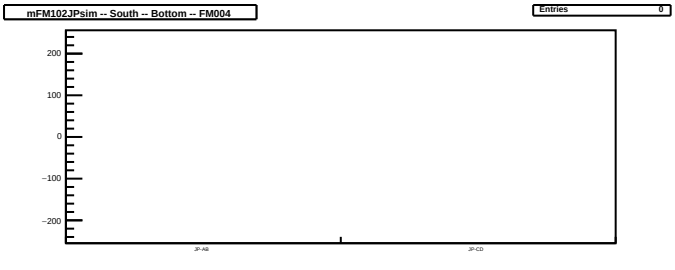

mFM102BS -- North -- Bottom -- FM004
Entries 855992
BS3
BS2
BS1-BCD
BS1-A

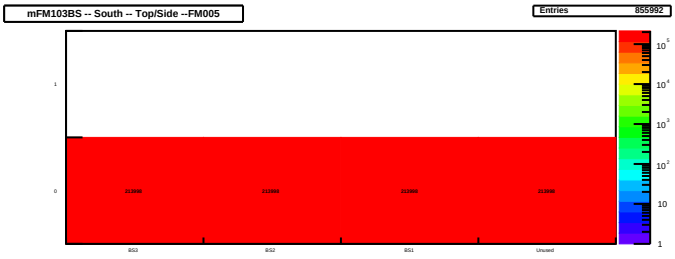

mFM102BSsim -- North -- Bottom -- FM004
Entries 26170
BS3
BS2
BS1-BCD
BS1-A

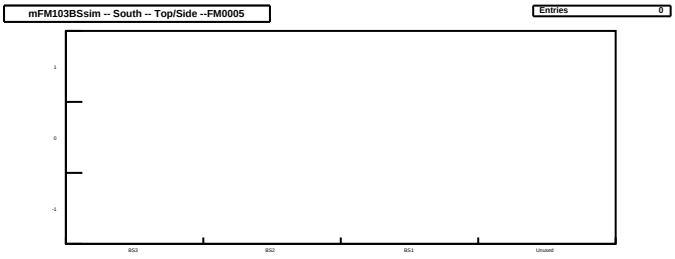

mFM102D -- South -- Bottom -- FM004
Entries 213998
D(23)

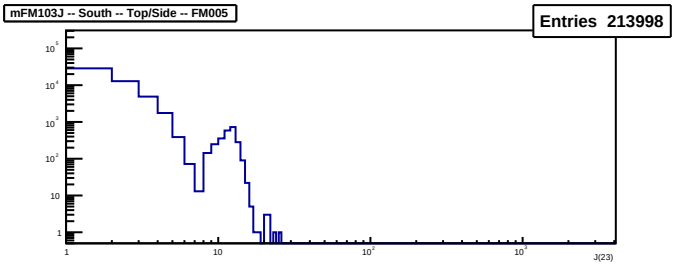

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

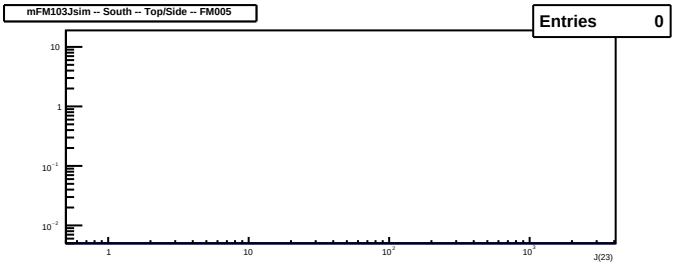

mFM102JP -- South -- Bottom -- FM004
Entries 427996
JP-AB
JP-CD

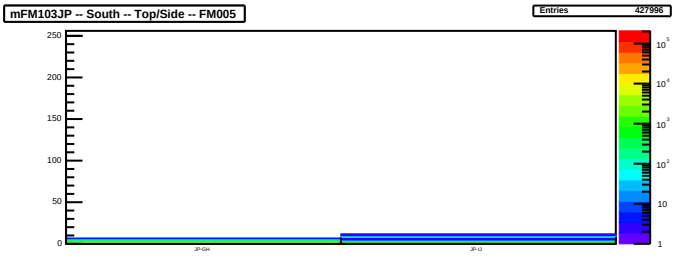

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

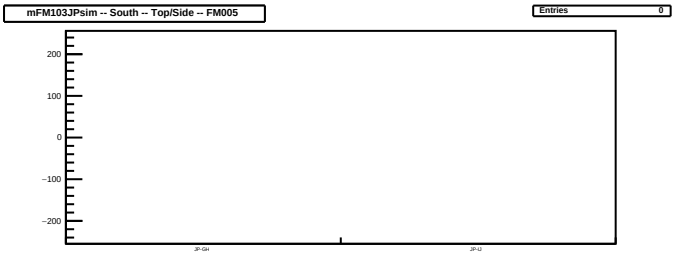

mFM103BS -- South -- Top/Side --FM005
Entries 855992
BS3
BS2
BS1
Unused

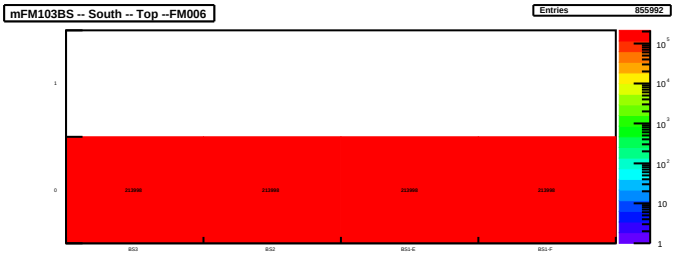

mFM103BSsim -- South -- Top/Side --FM0005
Entries 0
BS3
BS2
BS1
Unused

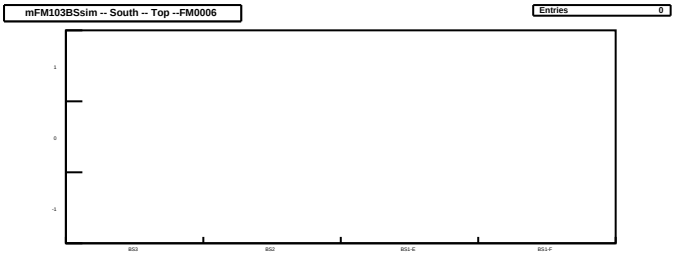

mFM103J -- South -- Top/Side -- FM005
Entries 213998
J(23)

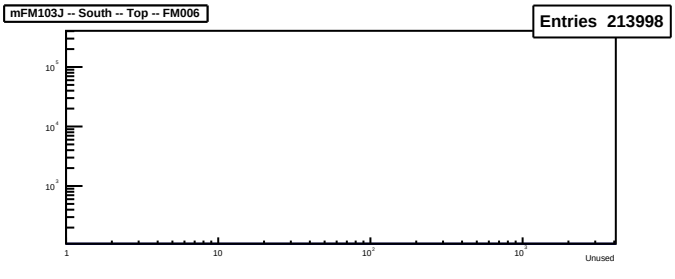

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

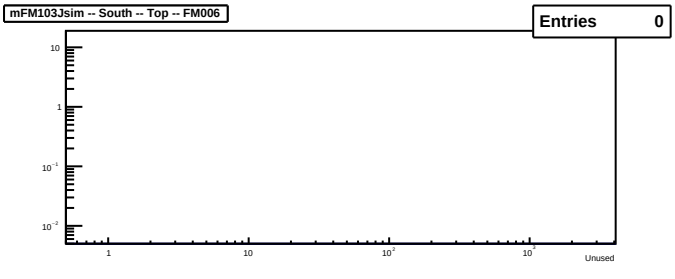

mFM103JP -- South -- Top/Side -- FM005
Entries 427996
JP-GH
JP-U

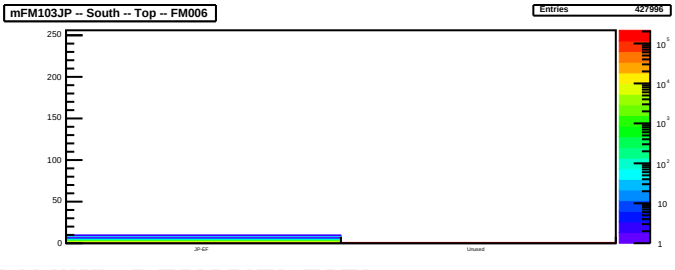

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-U

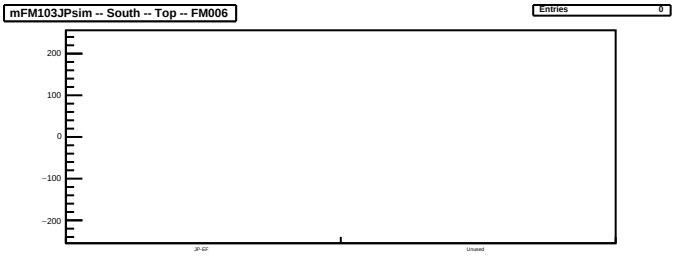

mFM103BS -- South -- Top --FM006
Entries 855992
BS3
BS2
BS1-E
BS1-F

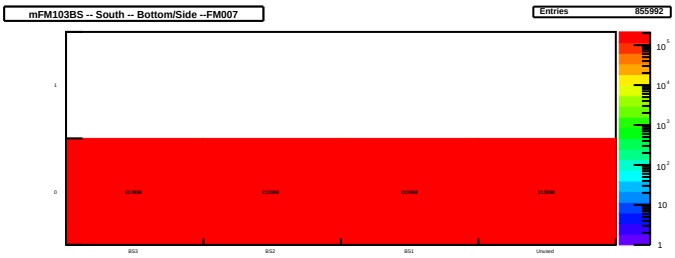

mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F

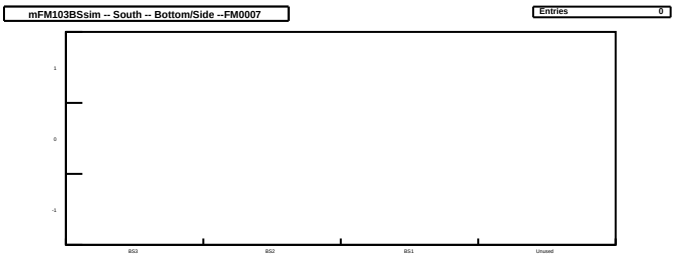

mFM103J -- South -- Top -- FM006
Entries 213998
Unused

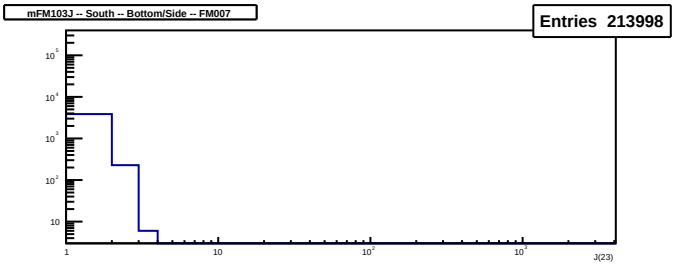

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

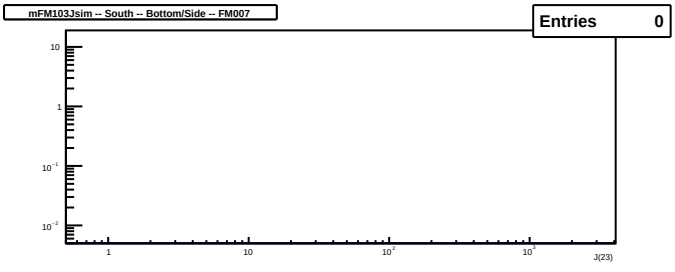

mFM103JP -- South -- Top -- FM006
Entries 427996
JP-EF
Unused


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


mFM103BS -- South -- Bottom/Side --FM007
Entries 855992
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 0
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 213998
J(23)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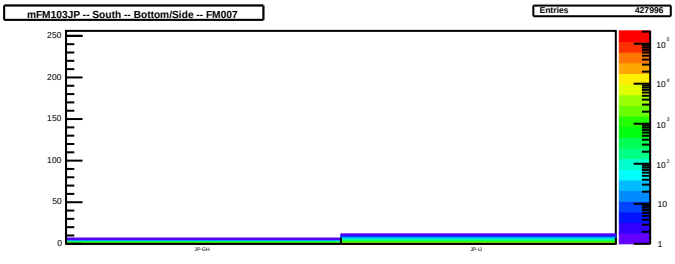
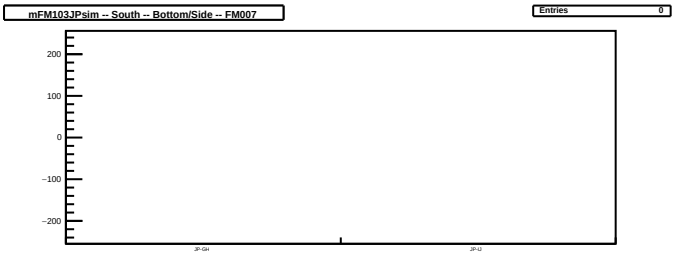
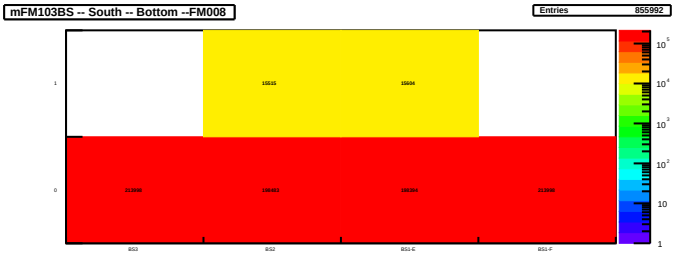
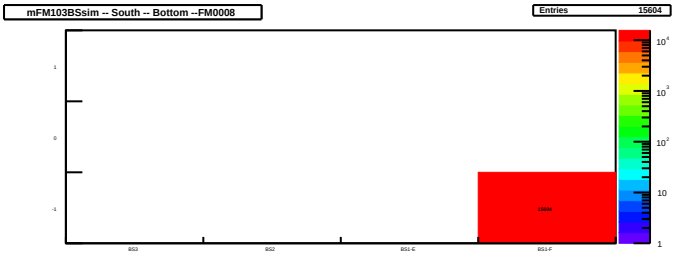
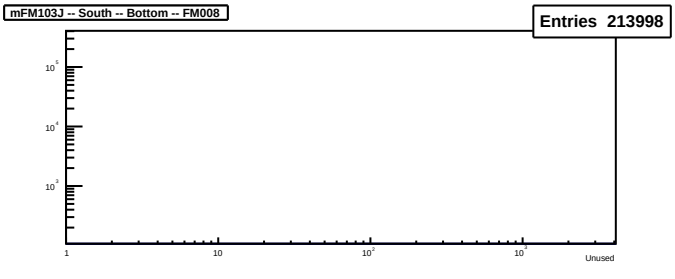
Entries 0
J(23)

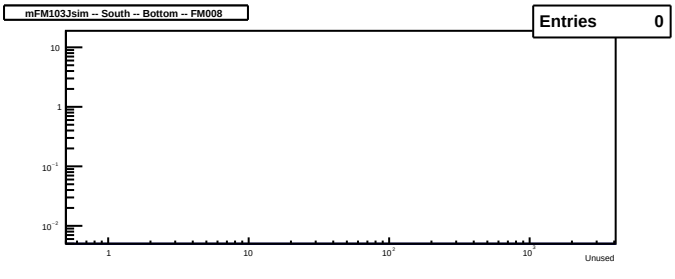

mFM103JP -- South -- Bottom/Side -- FM007
Entries 427996
JP-GH
JP-U

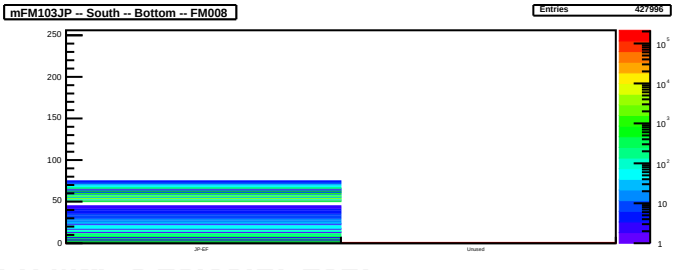

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-U

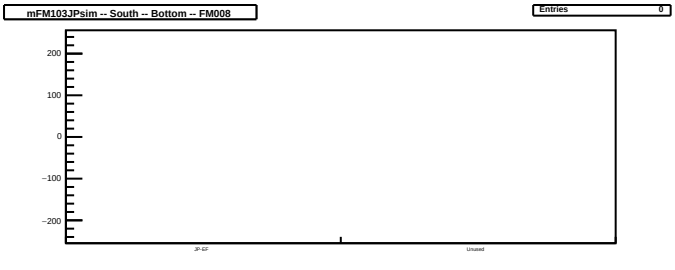

mFM103BS -- South -- Bottom --FM008
Entries 855992
BS3
BS2
BS1-E
BS1-F

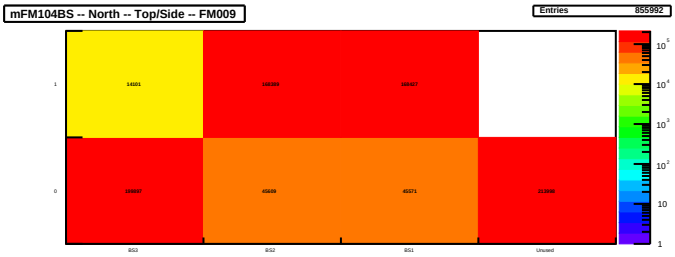

mFM103BSsim -- South -- Bottom --FM0008
Entries 15604
BS3
BS2
BS1-E
BS1-F

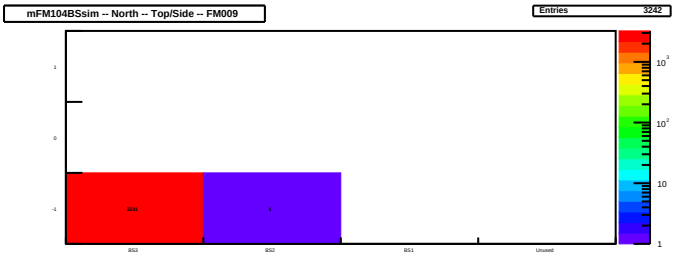

mFM103J -- South -- Bottom -- FM008
Entries 213998
Unused

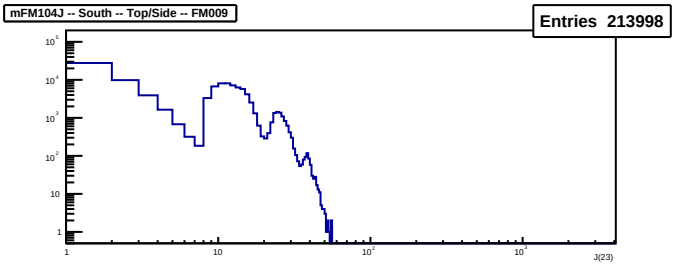

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

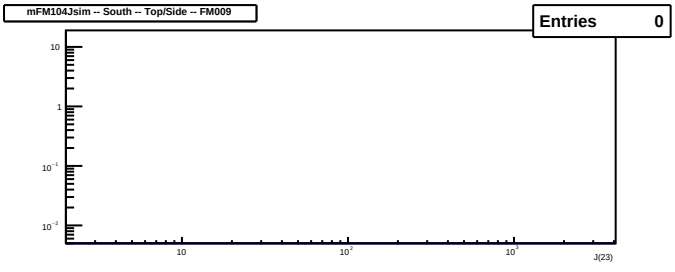

mFM103JP -- South -- Bottom -- FM008
Entries 427996
JP-EF
Unused

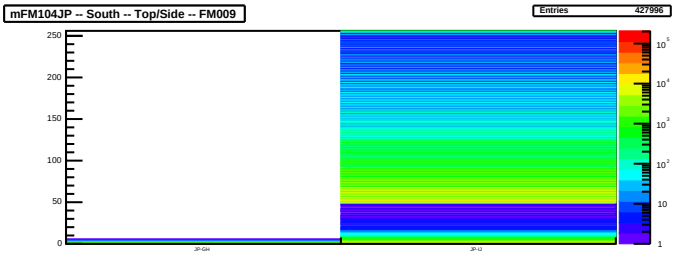

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

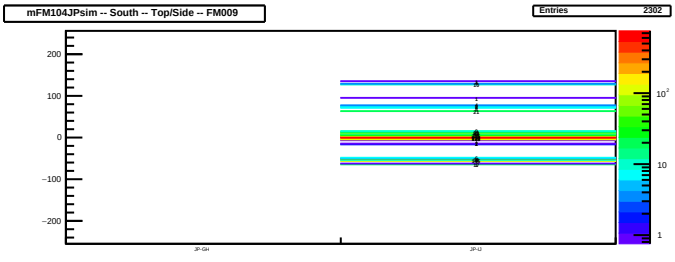

mFM104BS -- North -- Top/Side -- FM009
Entries 855992
14401
168399
168427
199997
45609
45571
213998
BS3
BS2
BS1
Unused

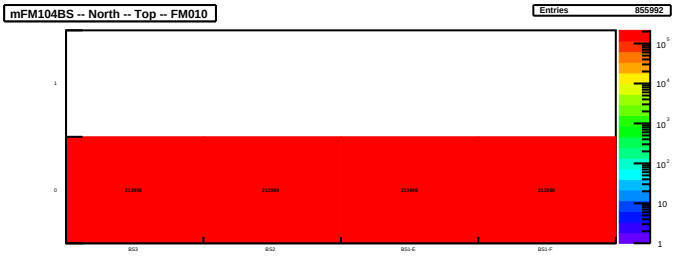

mFM104BSsim -- North -- Top/Side -- FM009
Entries 3242
3241
1
BS3
BS2
BS1
Unused

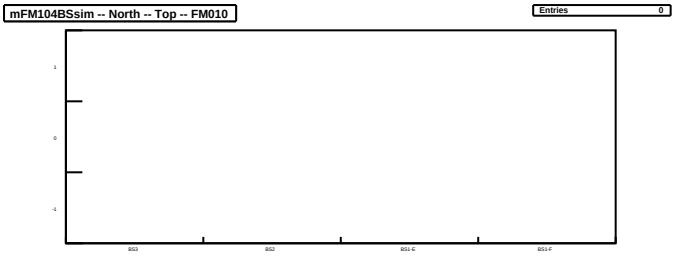

mFM104J -- South -- Top/Side -- FM009
Entries 213998
J(23)

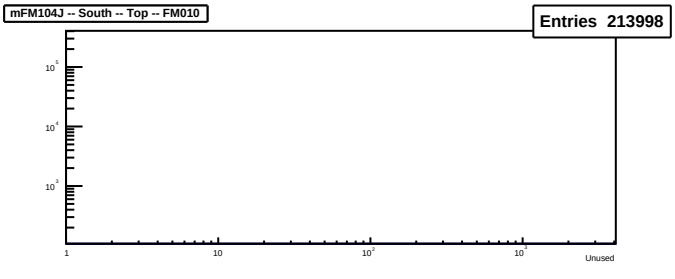

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

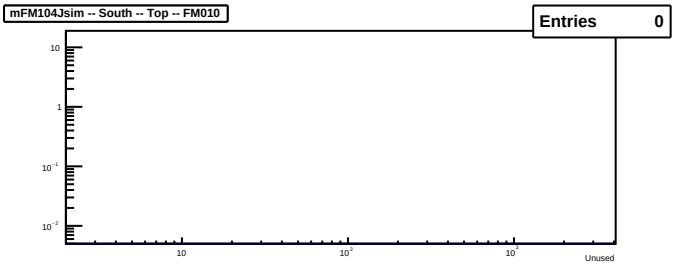

mFM104JP -- South -- Top/Side -- FM009
Entries 427996
JP-GH
JP-IJ

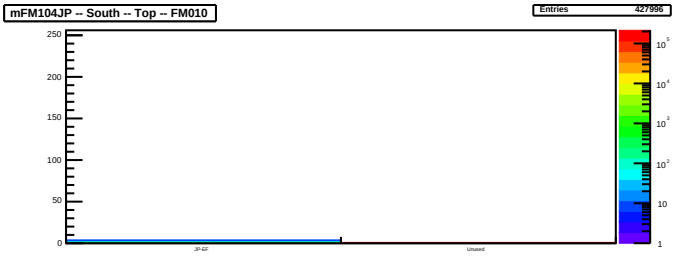

mFM104JPsim -- South -- Top/Side -- FM009
Entries 2302
JP-GH
JP-IJ

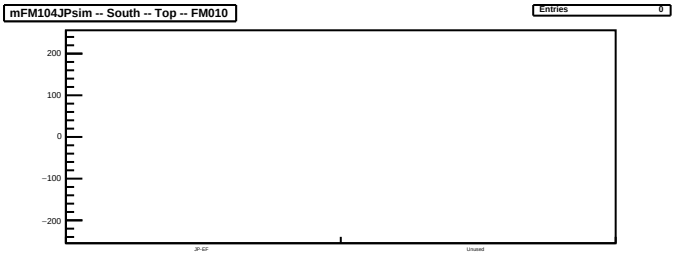

mFM104BS -- North -- Top -- FM010
Entries 855992
213998
213998
213998
213998
BS3
BS2
BS1-E
BS1-F

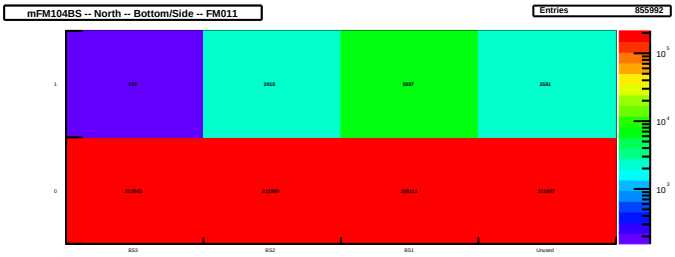

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

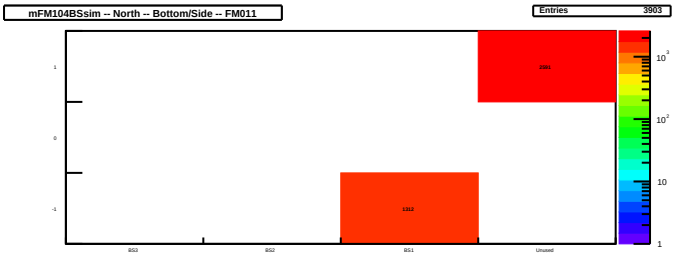

mFM104J -- South -- Top -- FM010
Entries 213998
Unused

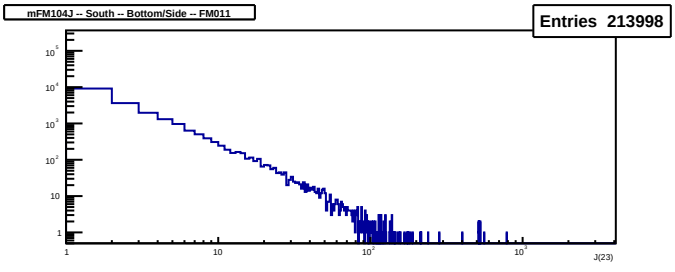

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

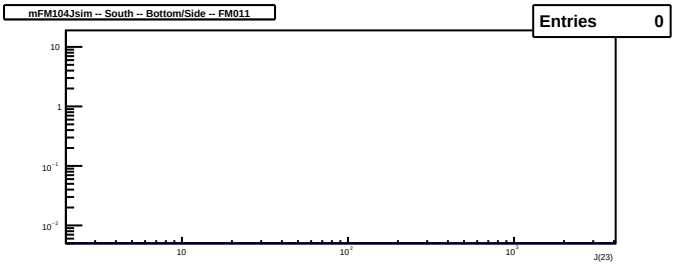

mFM104JP -- South -- Top -- FM010
Entries 427996
JP-EF
Unused

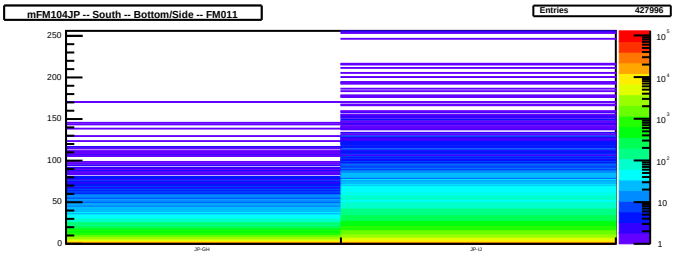

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

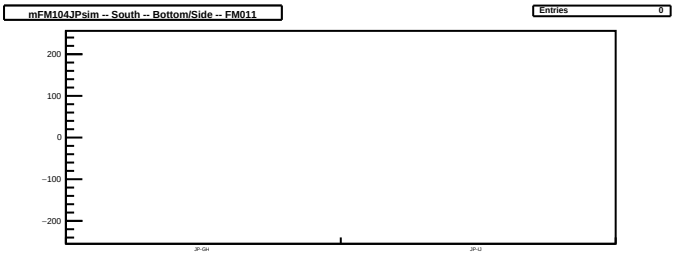

mFM104BS -- North -- Bottom/Side -- FM011
Entries 855992
BS3
BS2
BS1
Unused

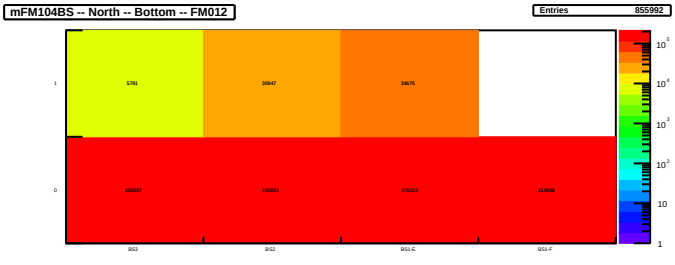

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 3903
BS3
BS2
BS1
Unused

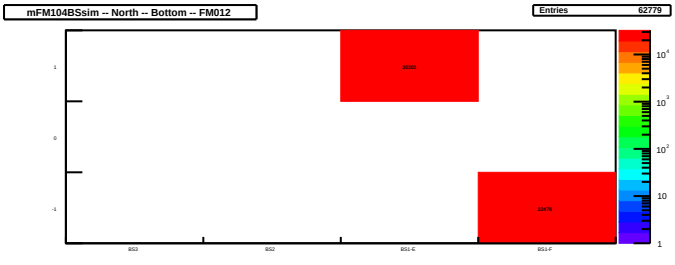

mFM104J -- South -- Bottom/Side -- FM011
Entries 213998
J(23)

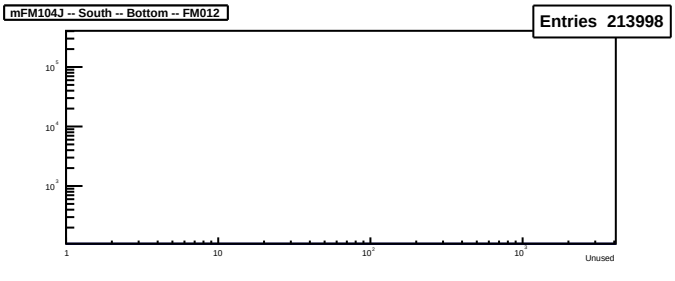

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

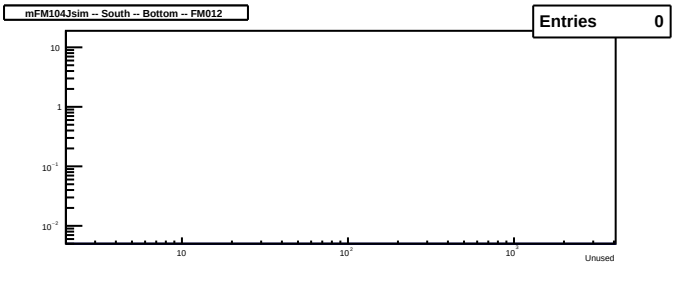

mFM104JP -- South -- Bottom/Side -- FM011
Entries 427996
JP-GH
JP-IJ

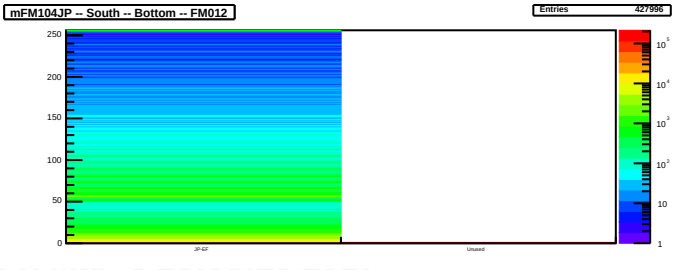

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ

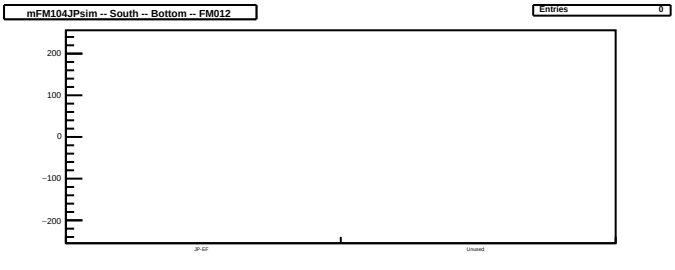

mFM104BS -- North -- Bottom -- FM012
Entries 855992
BS3
BS2
BS1-E
BS1-F

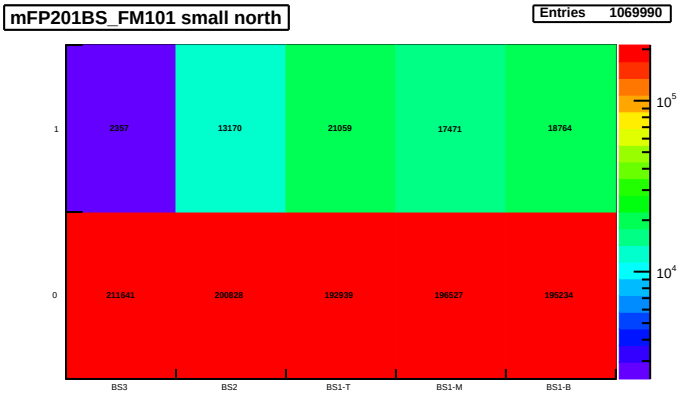

mFM104BSsim -- North -- Bottom -- FM012
Entries 62779
BS3
BS2
BS1-E
BS1-F

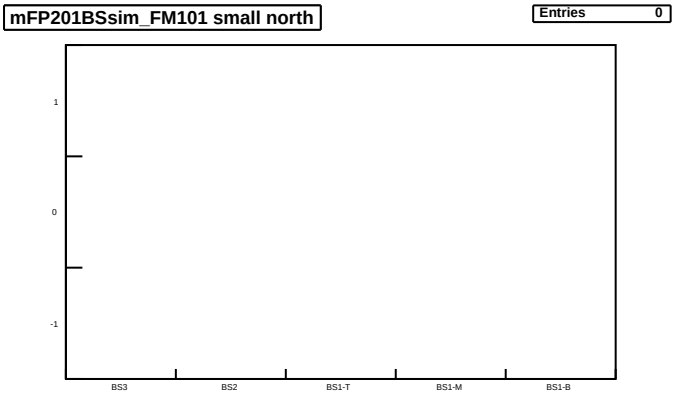

mFM104J -- South -- Bottom -- FM012
Entries 213998
Unused

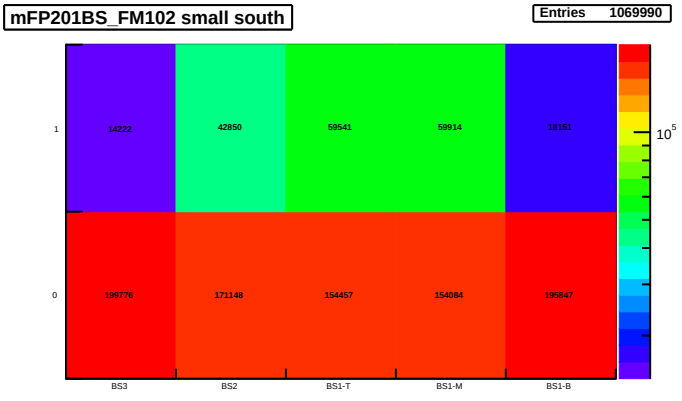

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

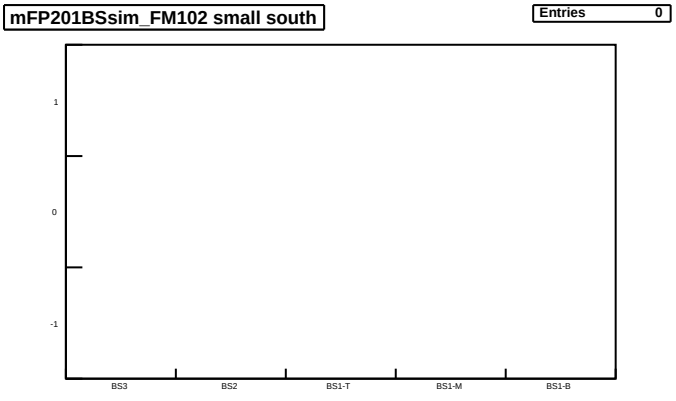

mFM104JP -- South -- Bottom -- FM012
Entries 427996
JP-EF
Unused

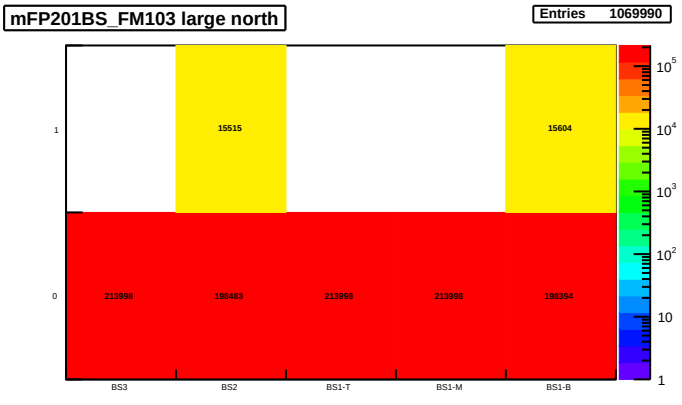

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

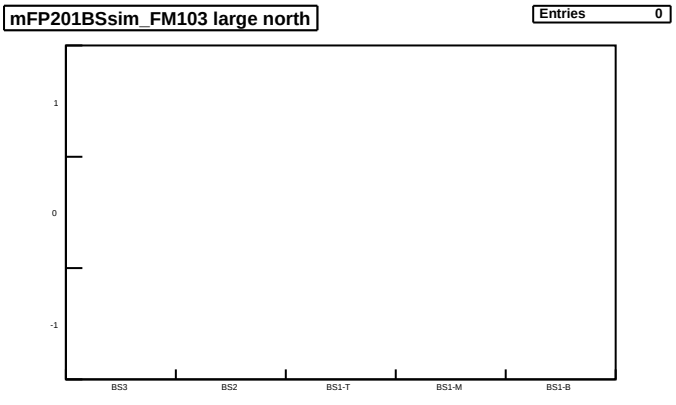

mFP201BS_FM101 small north
Entries 1069990
2357
13170
21059
17471
18764
211641
200828
192939
196527
195234
BS3
BS2
BS1-T
BS1-M
BS1-B

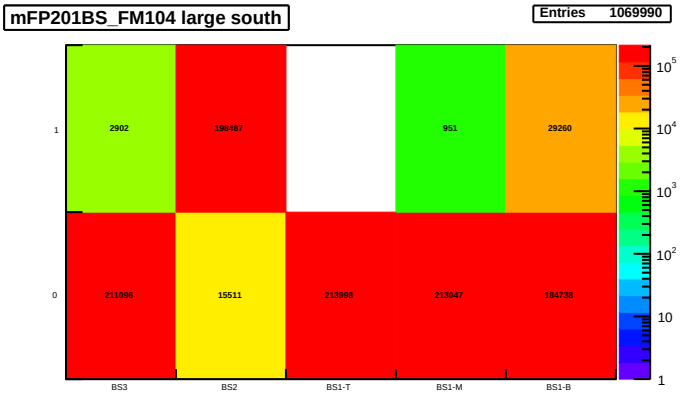

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

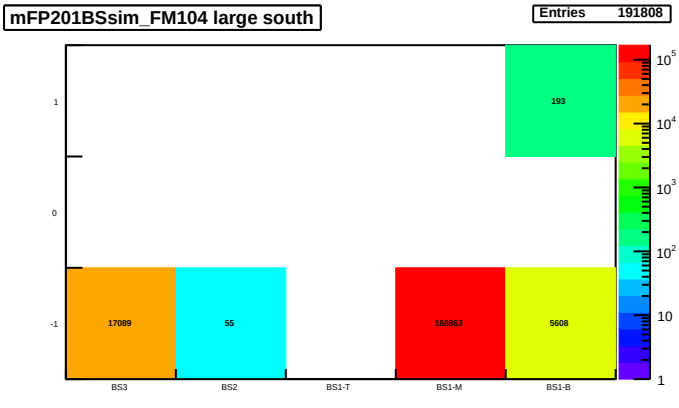

mFP201BS_FM102 small south
Entries 1069990
14222
42850
59541
59914
18151
199776
171148
154457
154084
195847
BS3
BS2
BS1-T
BS1-M
BS1-B

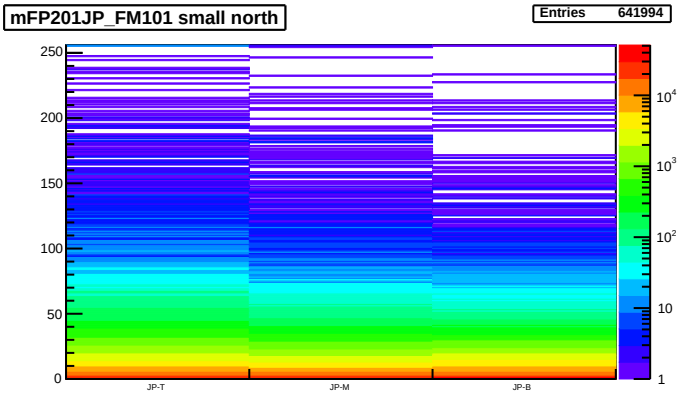

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

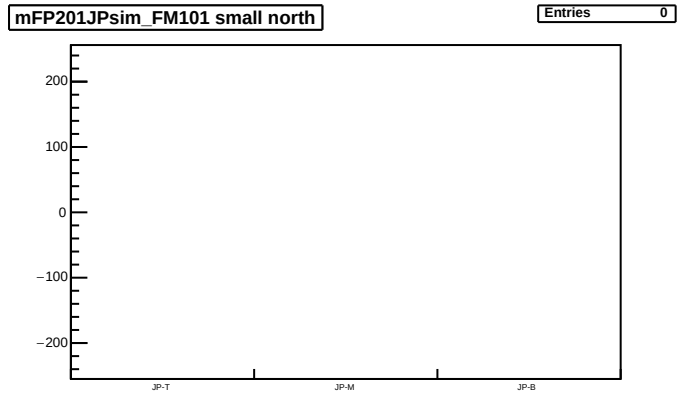

mFP201BS_FM103 large north
Entries 1069990
15515
15604
213998
198483
213998
213998
198394
BS3
BS2
BS1-T
BS1-M
BS1-B

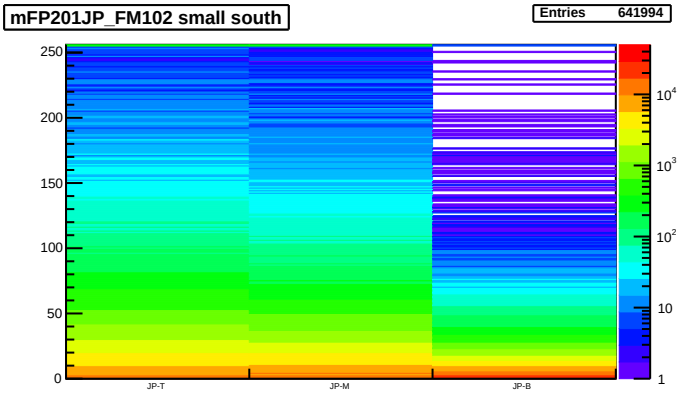

mFP201BSsim_FM103 large north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

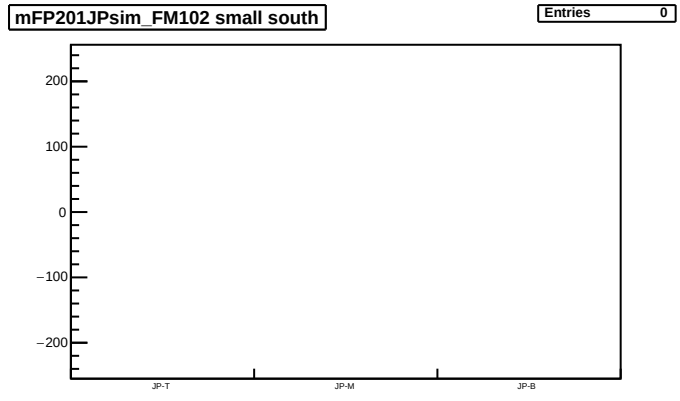

mFP201BS_FM104 large south
Entries 1069990
2902
198487
951
29260
211096
15511
213998
213047
184738
BS3
BS2
BS1-T
BS1-M
BS1-B

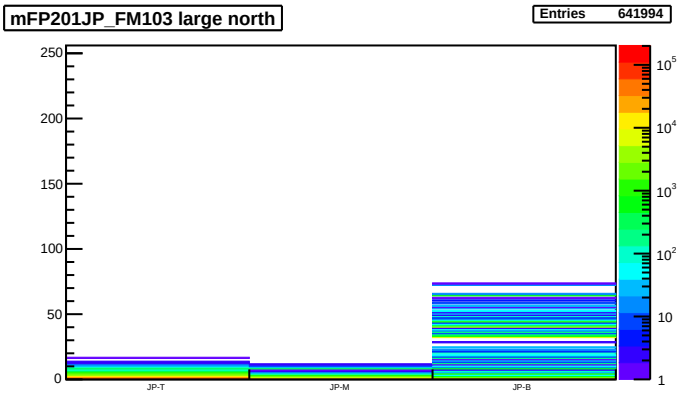

mFP201BSsim_FM104 large south
Entries 191808
193
17089
55
168863
5608
BS3
BS2
BS1-T
BS1-M
BS1-B

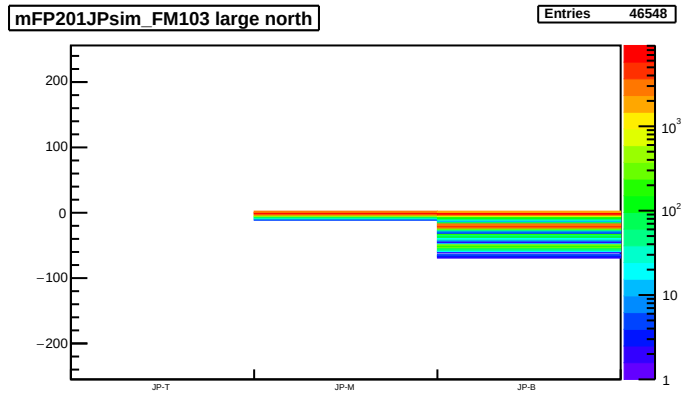

mFP201JP_FM101 small north
Entries 641994
JP-T
JP-M
JP-B

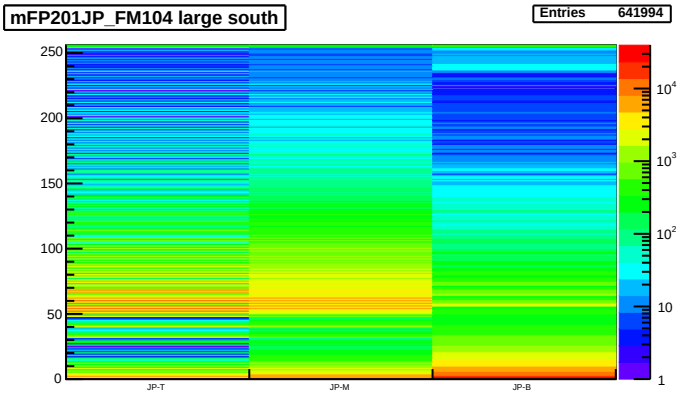

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

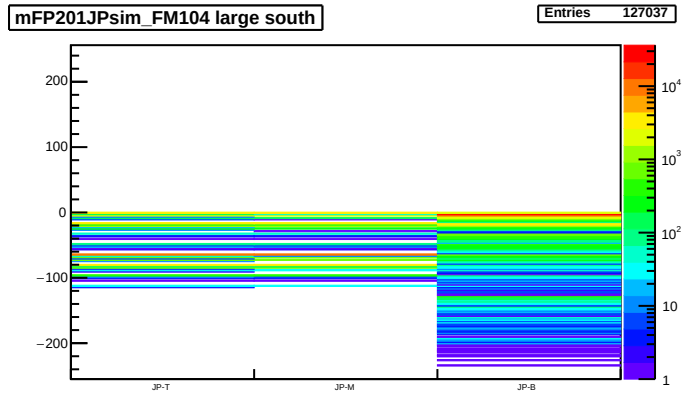

mFP201JP_FM102 small south
Entries 641994
JP-T
JP-M
JP-B

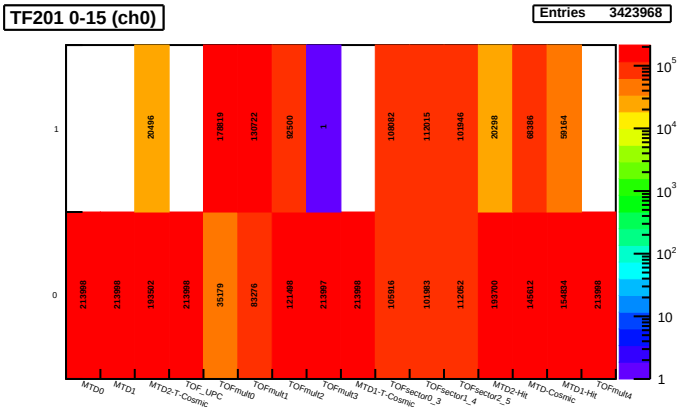

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

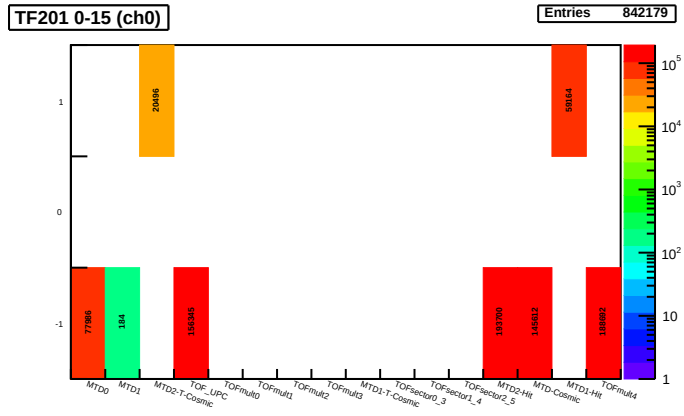

mFP201JP_FM103 large north
Entries 641994
JP-T
JP-M
JP-B

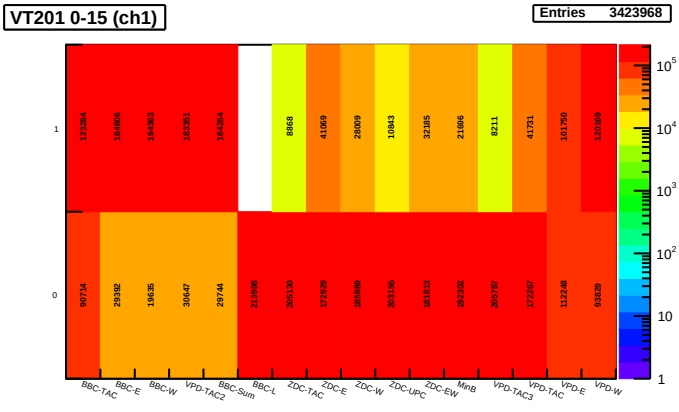

mFP201JPsim_FM103 large north
Entries 46548
JP-T
JP-M
JP-B

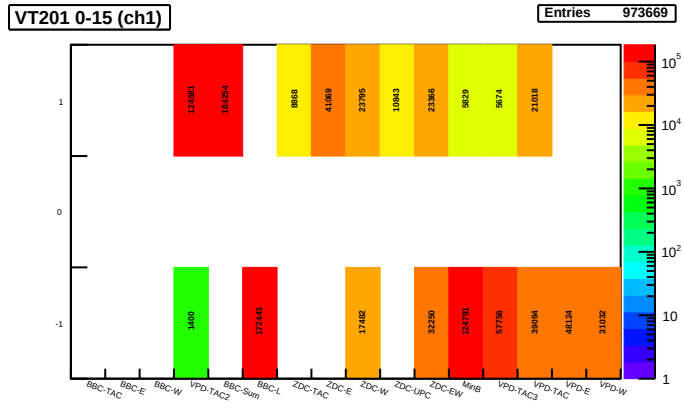

mFP201JP_FM104 large south
Entries 641994
JP-T
JP-M
JP-B

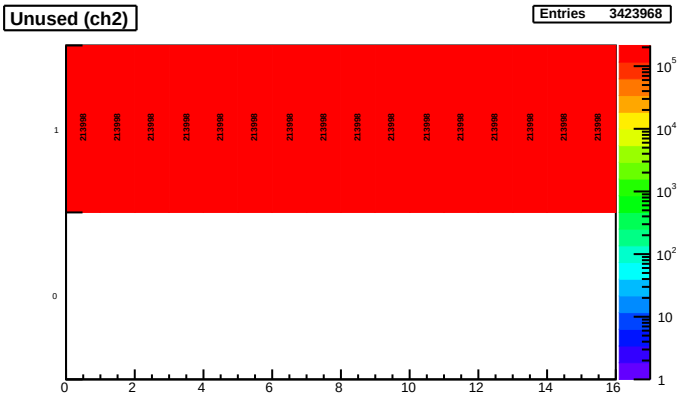

mFP201JPsim_FM104 large south
Entries 127037
JP-T
JP-M
JP-B

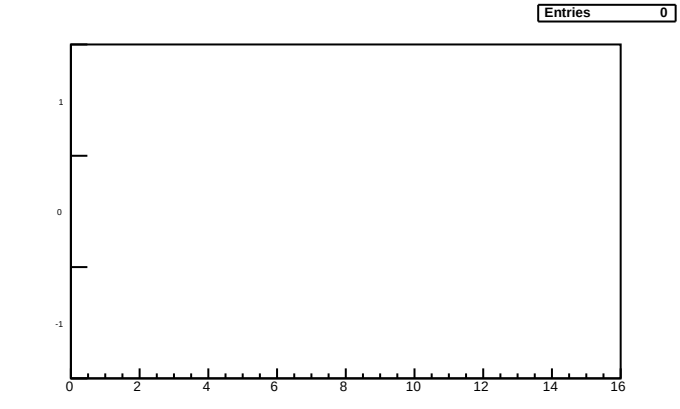

TF201 0-15 (ch0)
Entries 3423968
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

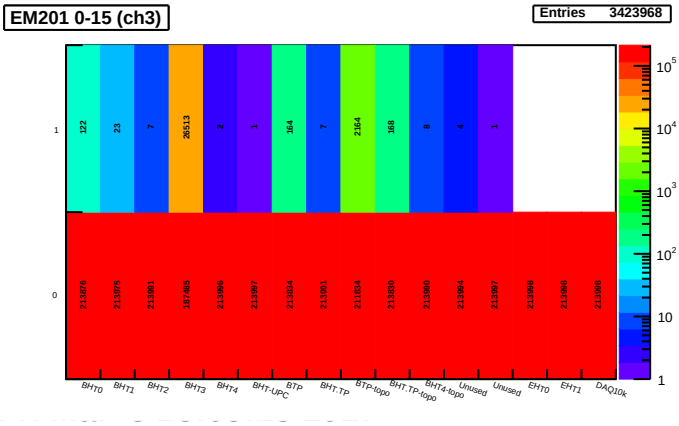

TF201 0-15 (ch0)
Entries 842179
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

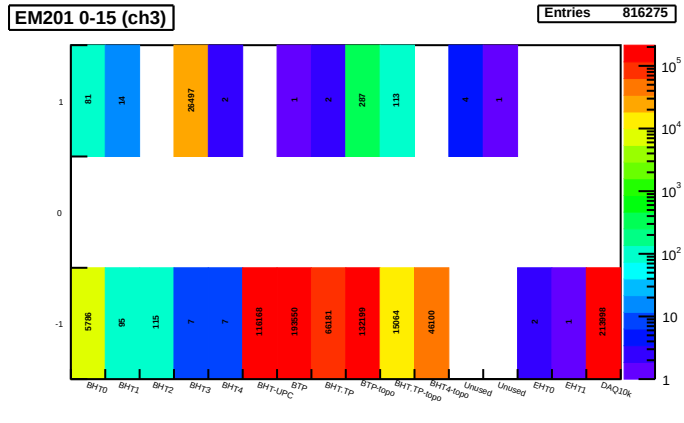

VT201 0-15 (ch1)
Entries 3423968
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

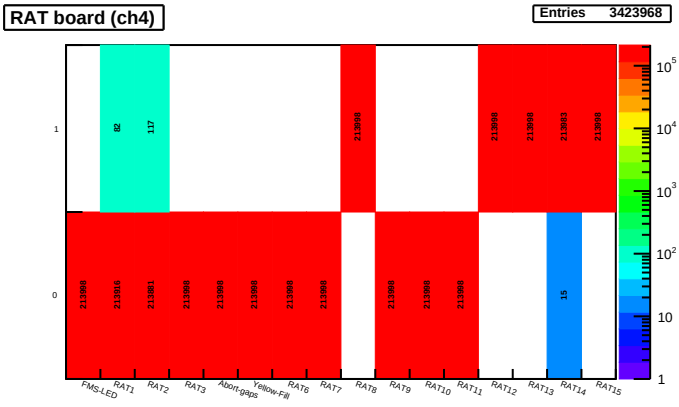

VT201 0-15 (ch1)
Entries 973669
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

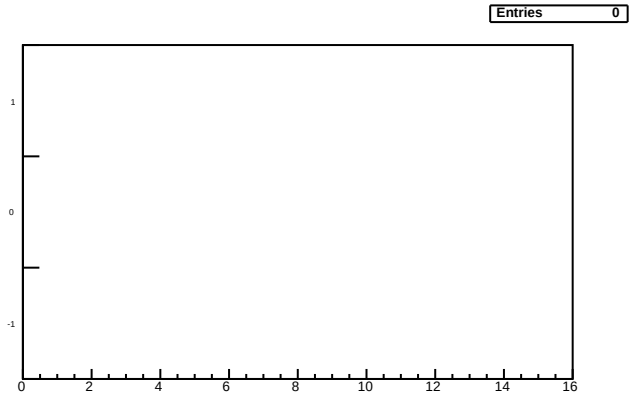

Unused (ch2)
Entries 3423968

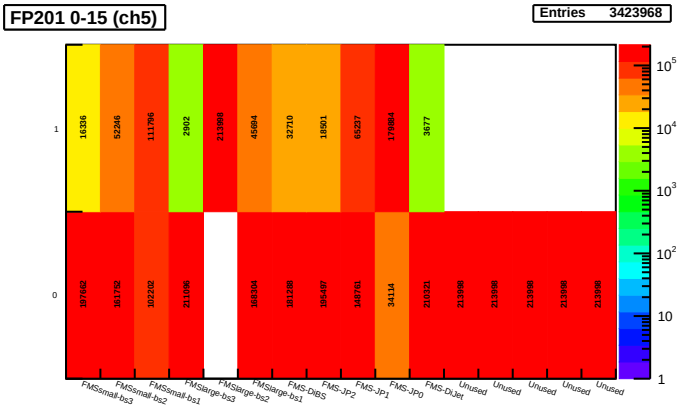

Entries 0

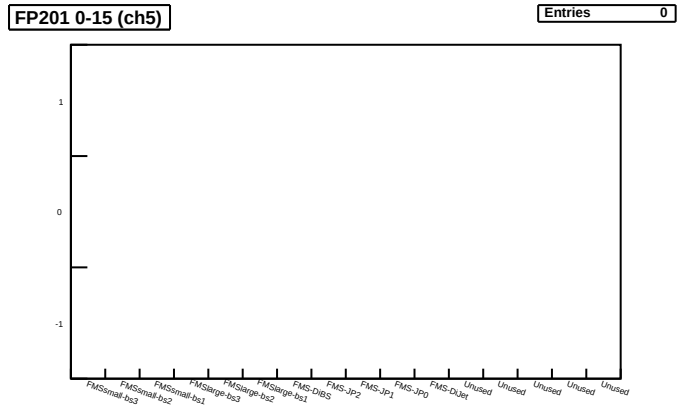

EM201 0-15 (ch3)
Entries 3423968
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

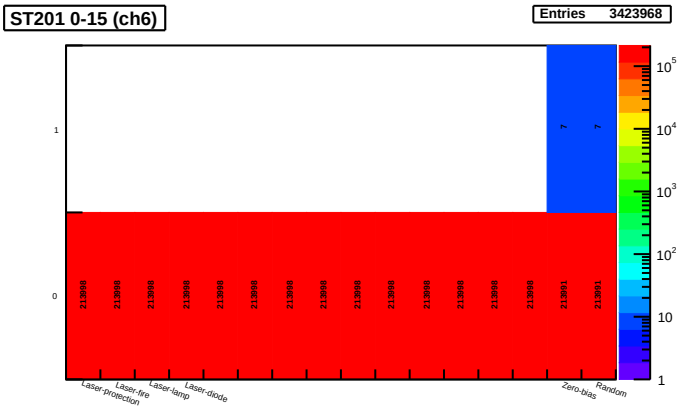

EM201 0-15 (ch3)
Entries 816275
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

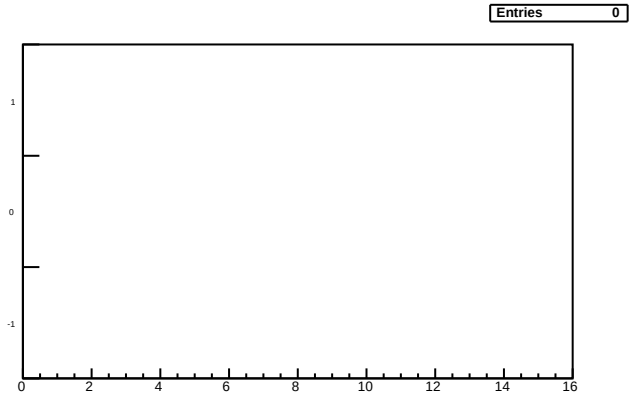

RAT board (ch4)
Entries 3423968
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15


Entries 0


FP201 0-15 (ch5)
Entries 3423968
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 3423968
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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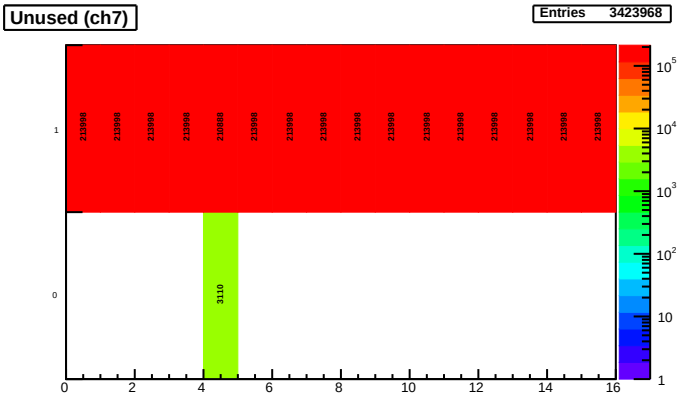
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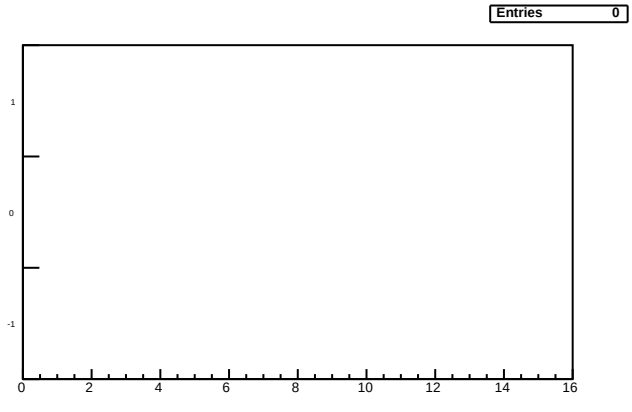
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