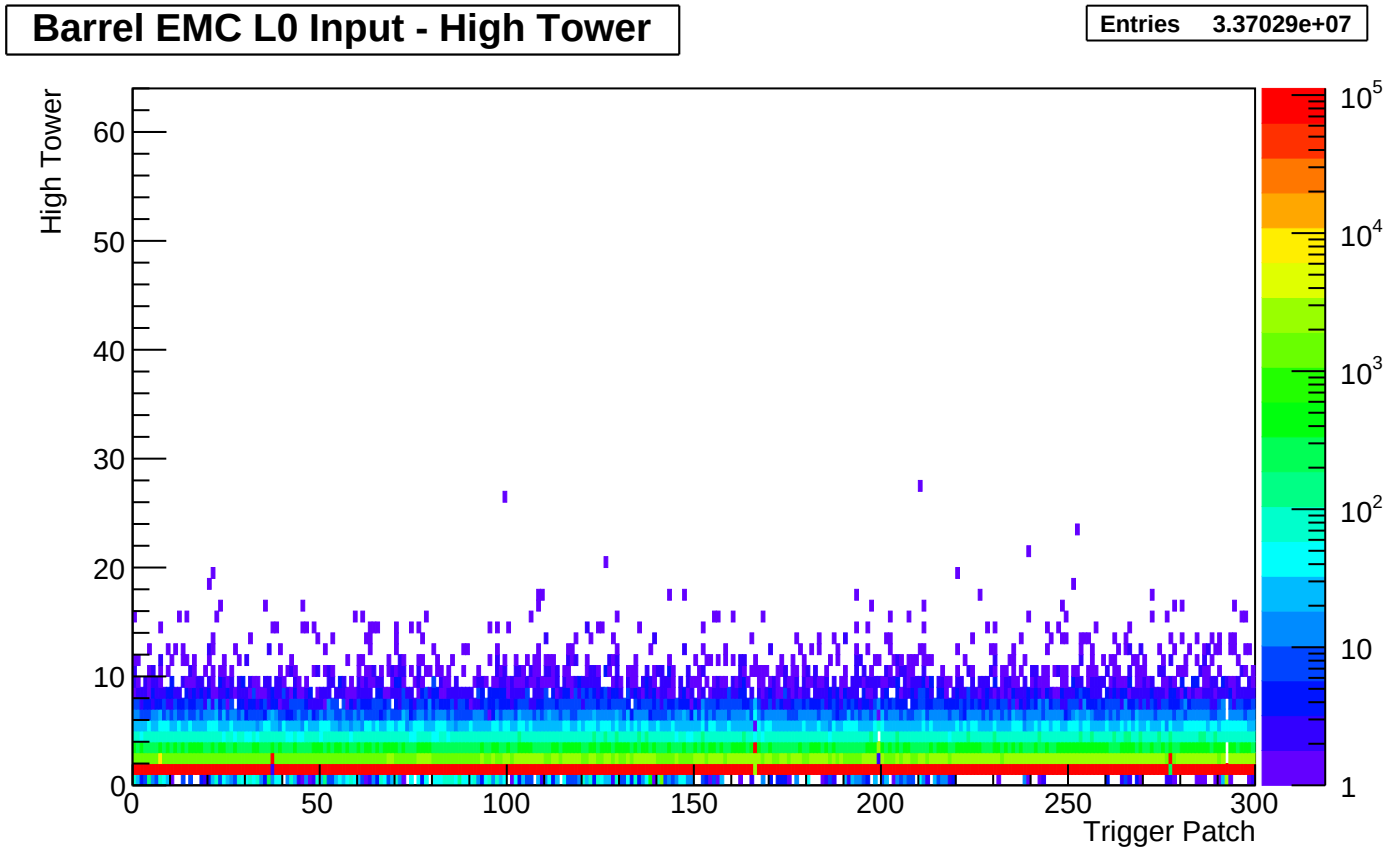
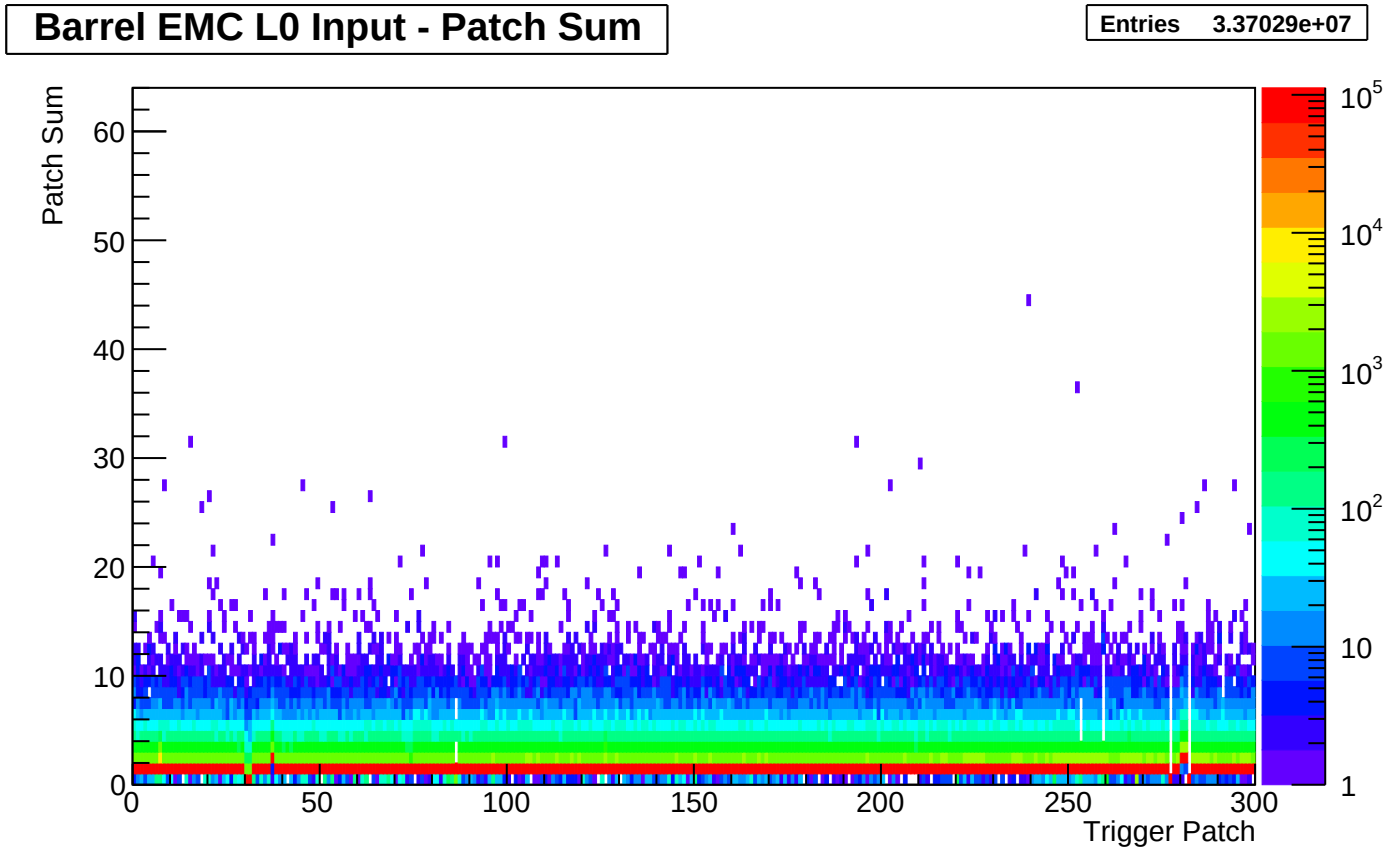
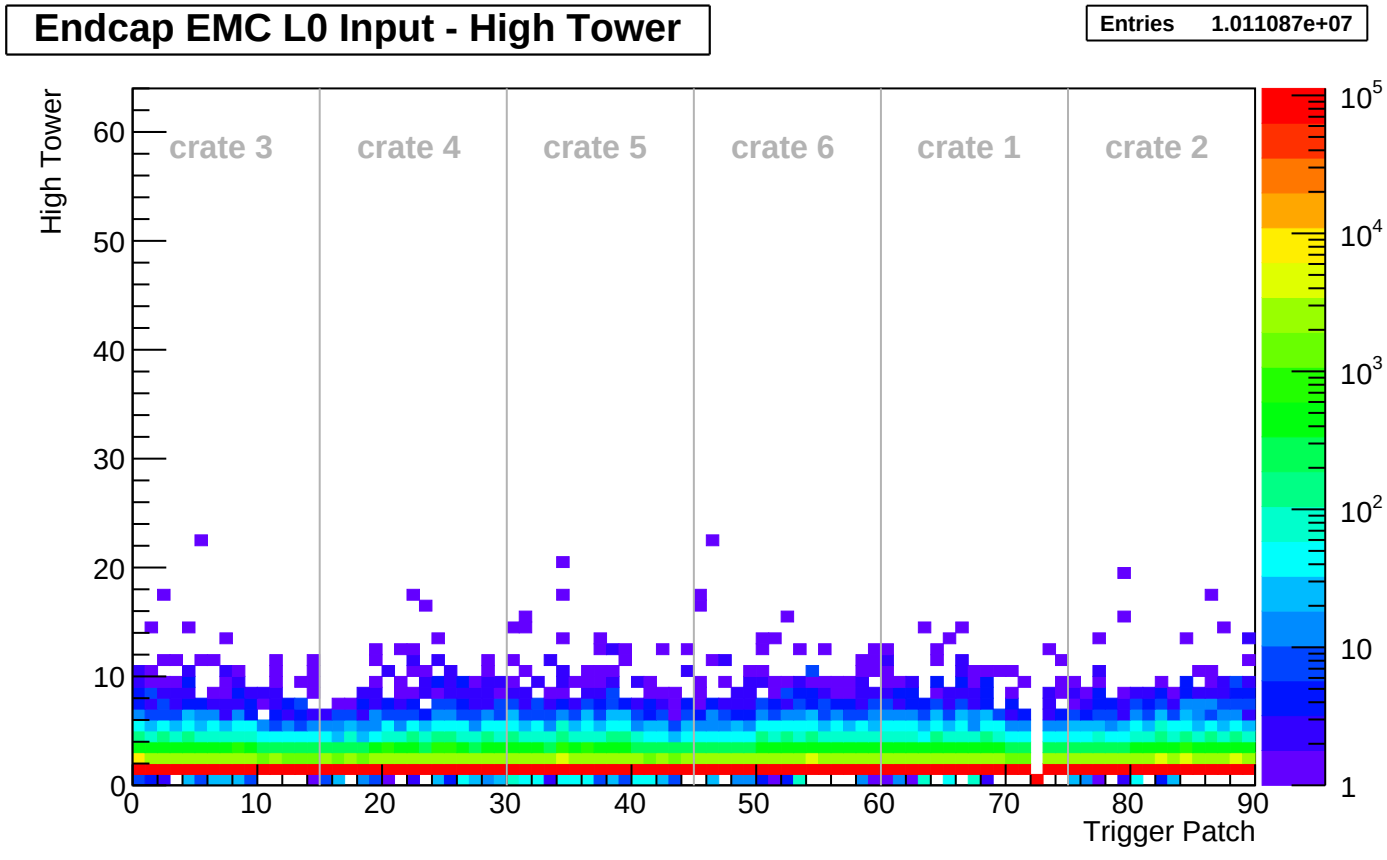
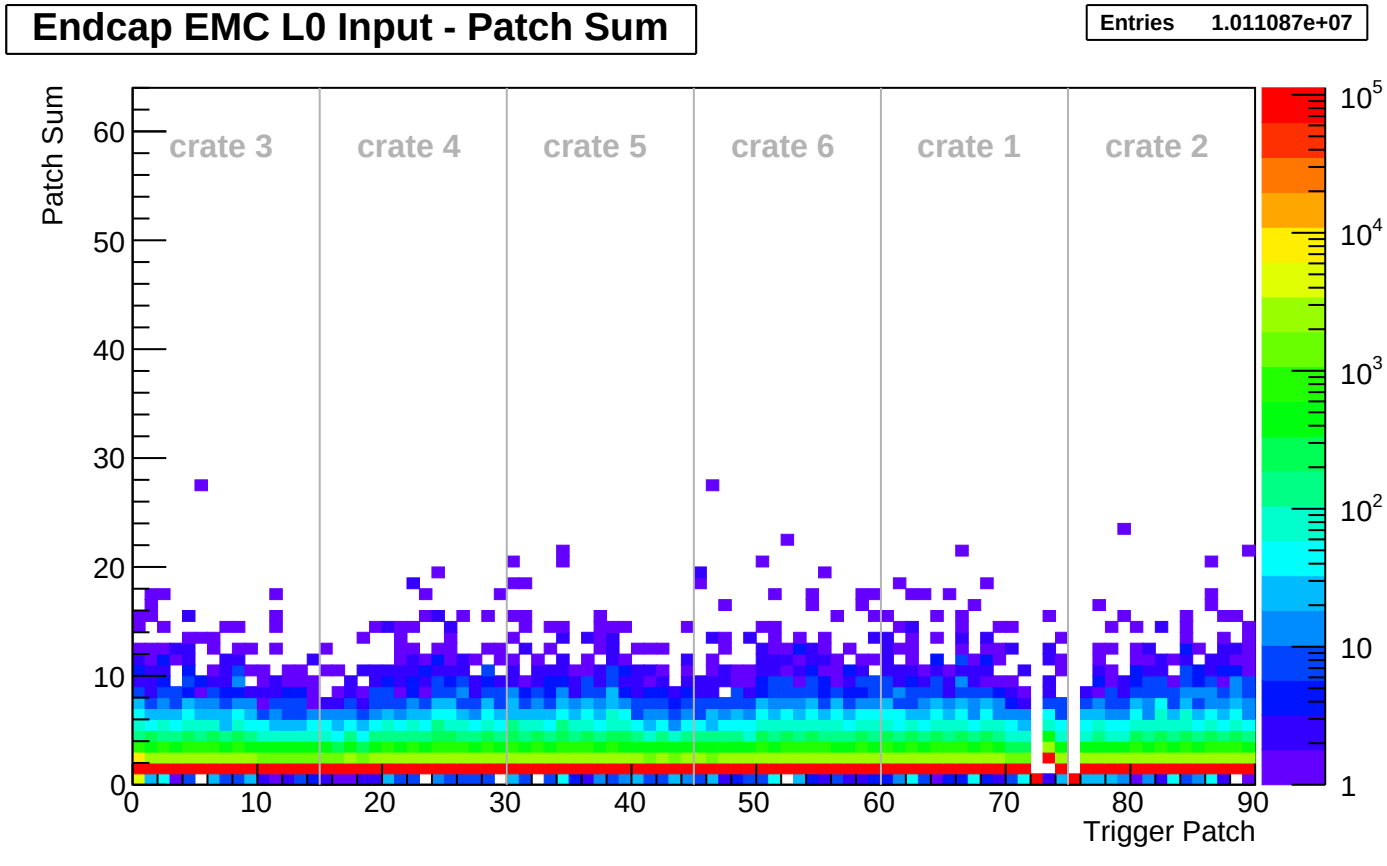
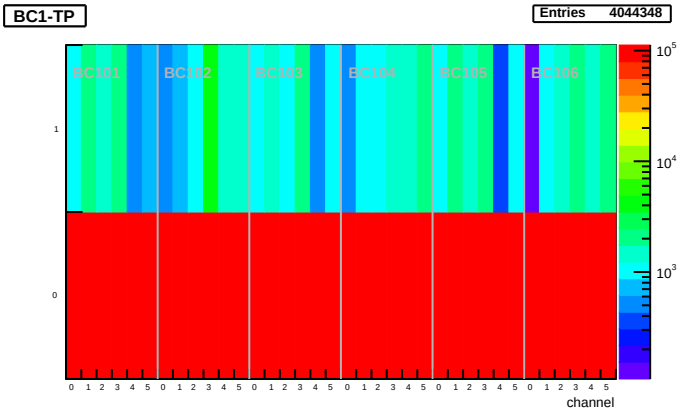
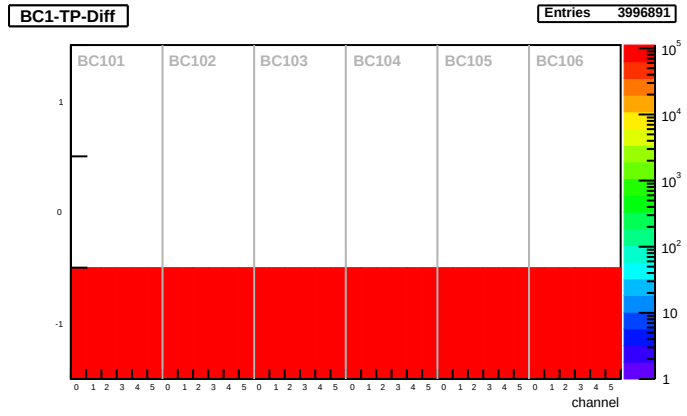

Barrel EMC L0 Input - High Tower
Entries 3.37029e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

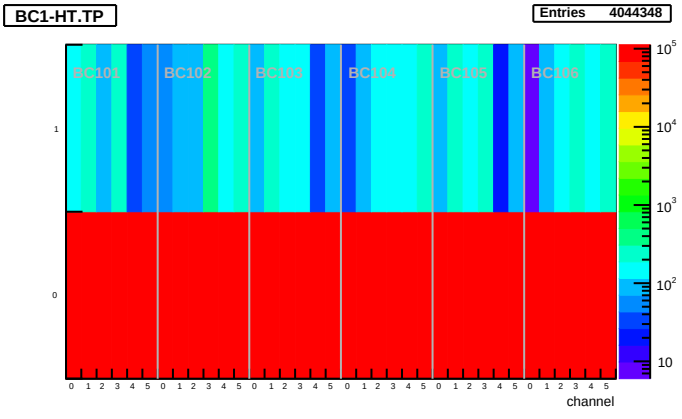

Barrel EMC L0 Input - Patch Sum
Entries 3.37029e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

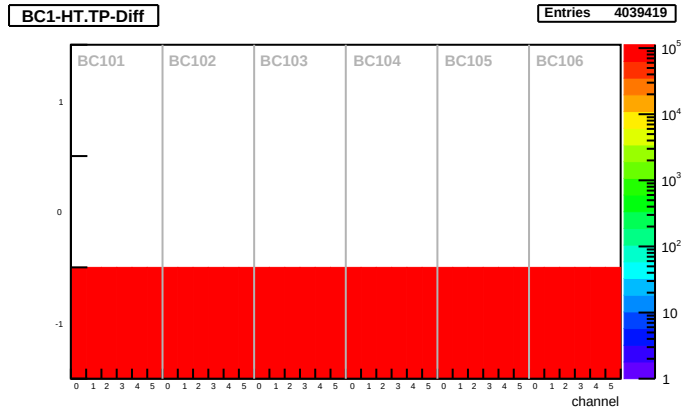

Endcap EMC L0 Input - High Tower
Entries 1.011087e+07
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

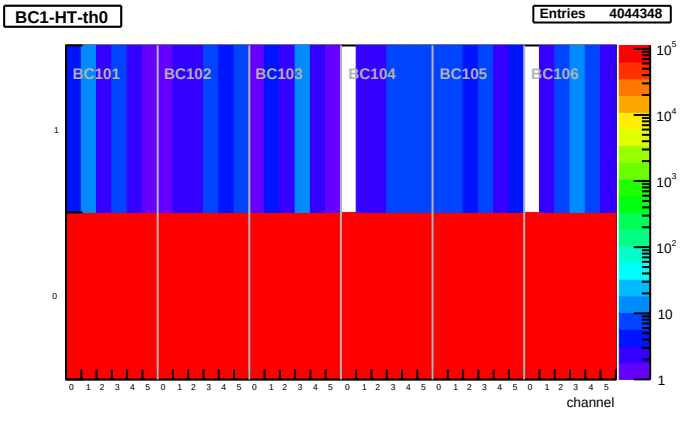

Endcap EMC L0 Input - Patch Sum
Entries 1.011087e+07
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

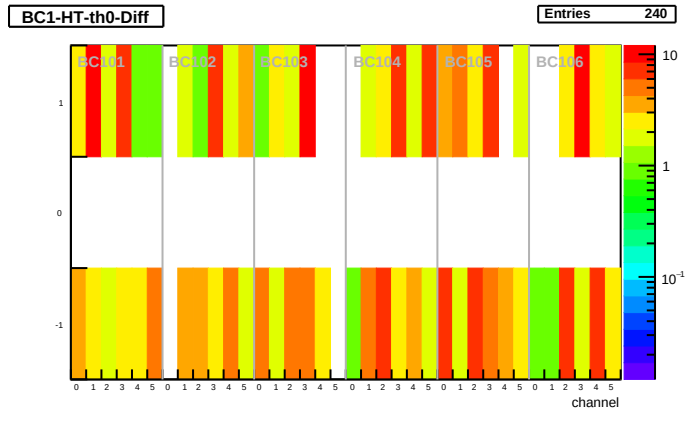

BC1-TP
Entries 4044348
BC101
BC102
BC103
BC104
BC105
BC106
channel

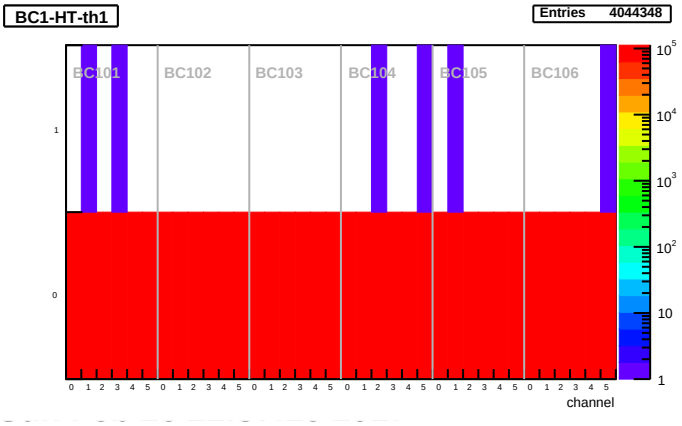

BC1-TP-Diff
Entries 3996891
BC101
BC102
BC103
BC104
BC105
BC106
channel

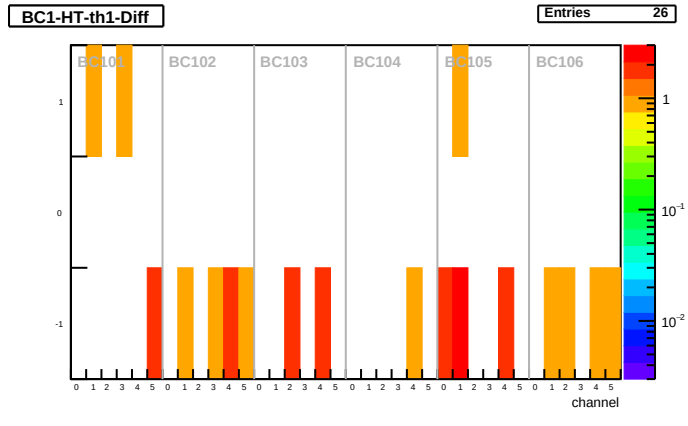

BC1-HT.TP
Entries 4044348
BC101
BC102
BC103
BC104
BC105
BC106
channel

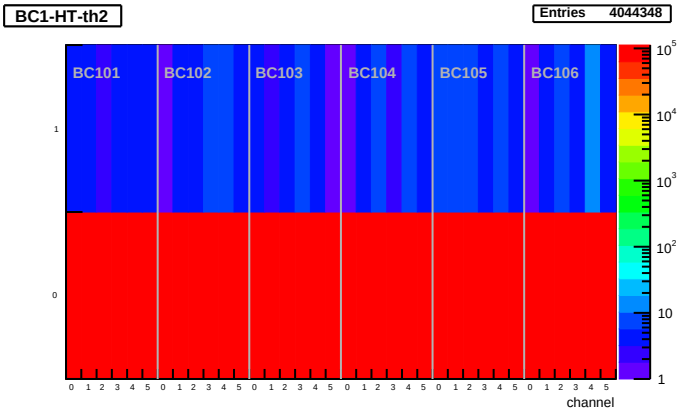

BC1-HT.TP-Diff
Entries 4039419
BC101
BC102
BC103
BC104
BC105
BC106
channel

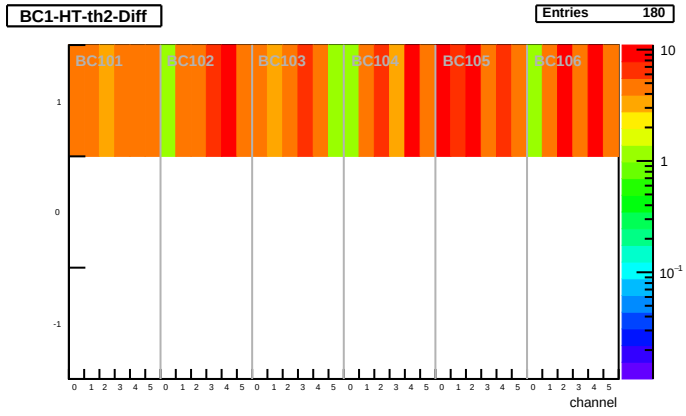

BC1-HT-th0
Entries 4044348
BC101
BC102
BC103
BC104
BC105
BC106
channel

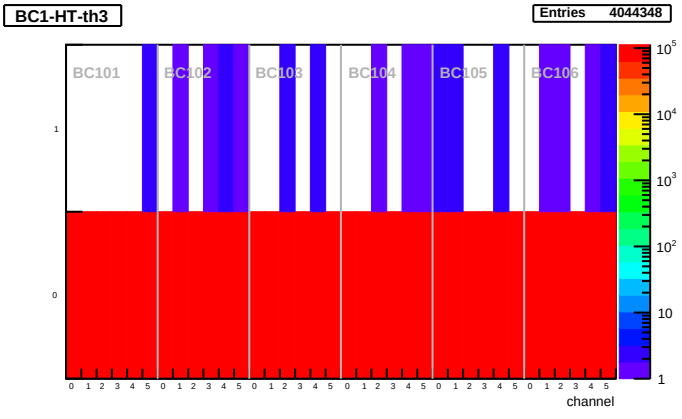

BC1-HT-th0-Diff
Entries 240
BC101
BC102
BC103
BC104
BC105
BC106
channel

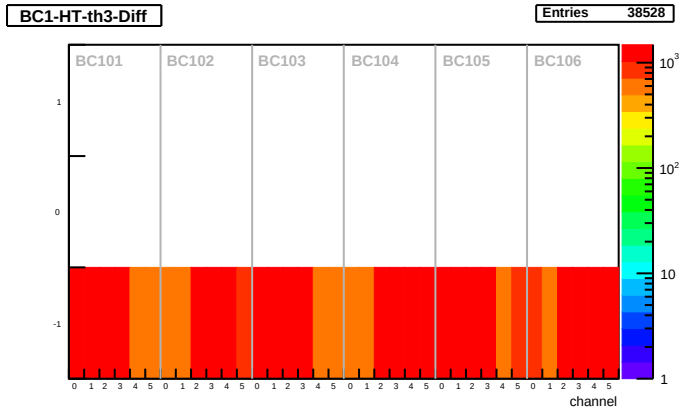

BC1-HT-th1
Entries 4044348
BC101
BC102
BC103
BC104
BC105
BC106
channel

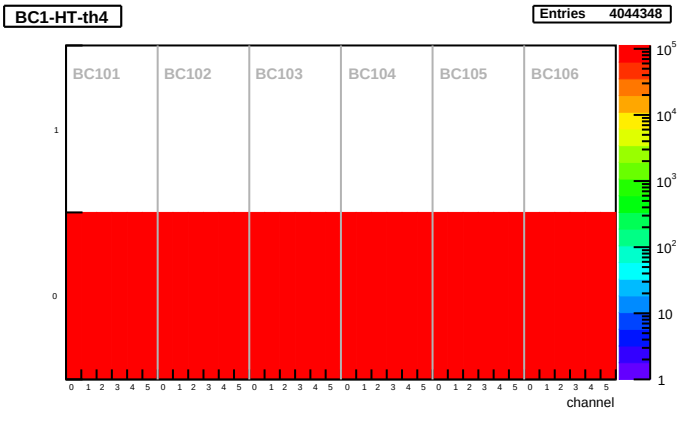

BC1-HT-th1-Diff
Entries 26
BC101
BC102
BC103
BC104
BC105
BC106
channel

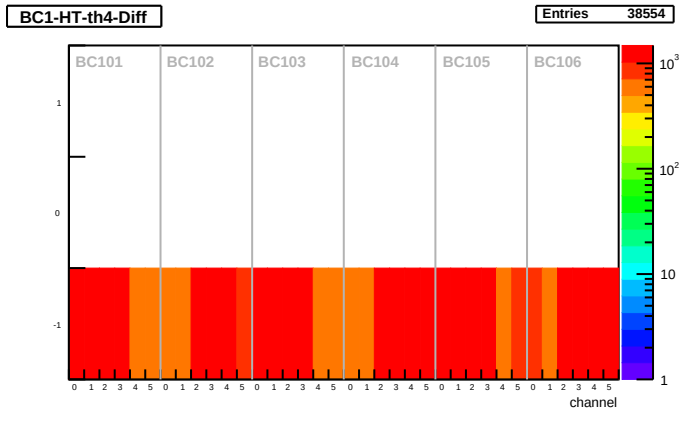

BC1-HT-th2
Entries 4044348
BC101
BC102
BC103
BC104
BC105
BC106
channel

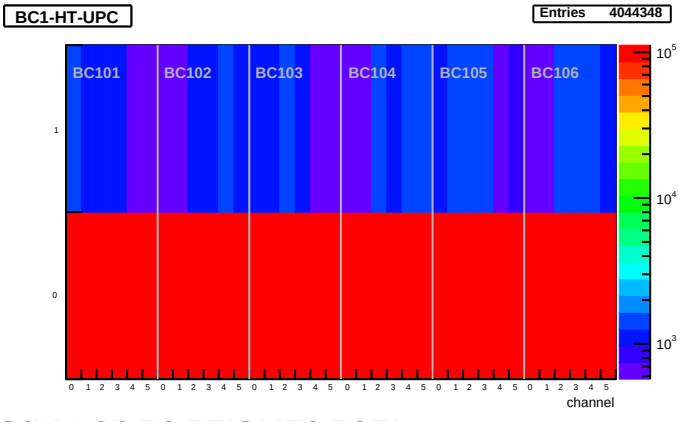

BC1-HT-th2-Diff
Entries 180
BC101
BC102
BC103
BC104
BC105
BC106
channel

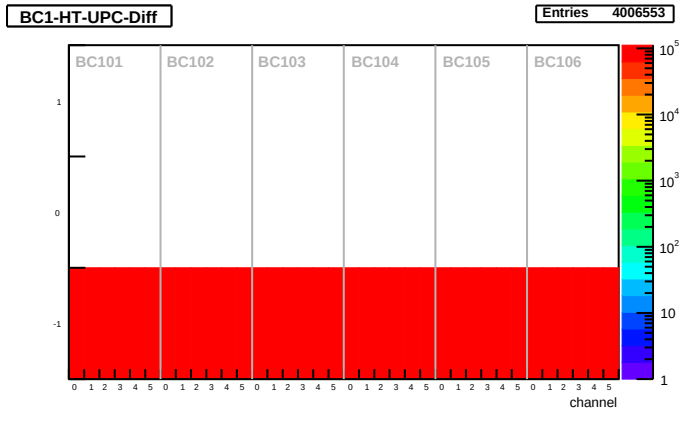

BC1-HT-th3
Entries 4044348
BC101
BC102
BC103
BC104
BC105
BC106
channel

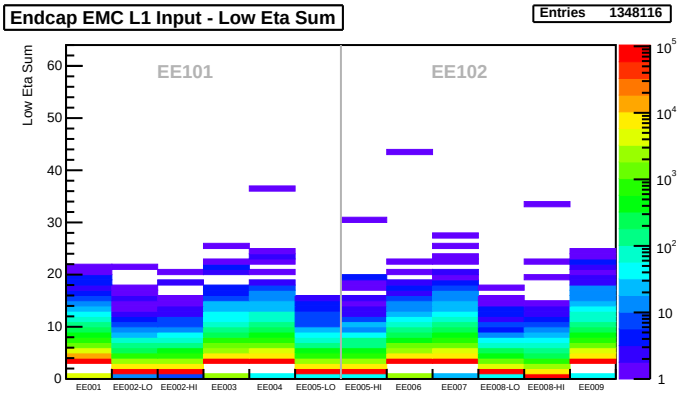

BC1-HT-th3-Diff
Entries 38528
BC101
BC102
BC103
BC104
BC105
BC106
channel

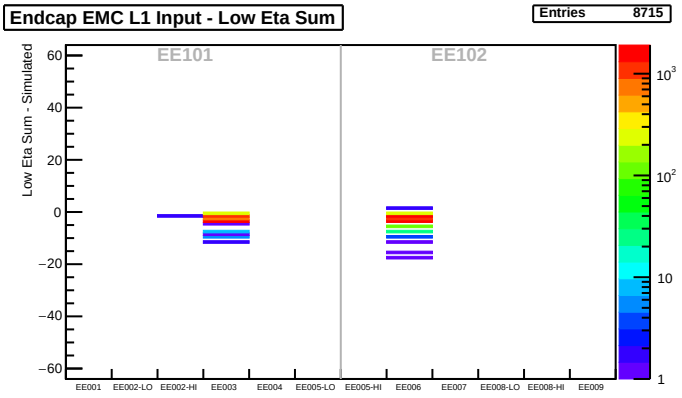

BC1-HT-th4
Entries 4044348
BC101
BC102
BC103
BC104
BC105
BC106
channel

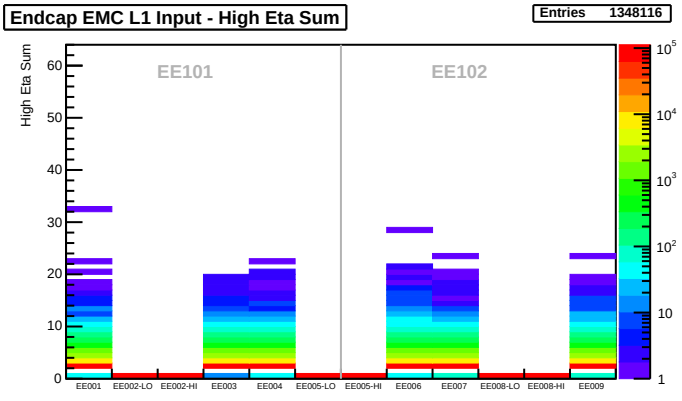

BC1-HT-th4-Diff
Entries 38554
BC101
BC102
BC103
BC104
BC105
BC106
channel

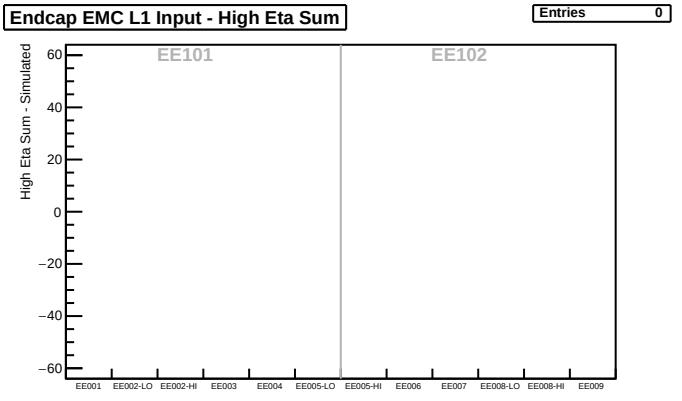

BC1-HT-UPC
Entries 4044348
BC101
BC102
BC103
BC104
BC105
BC106
channel

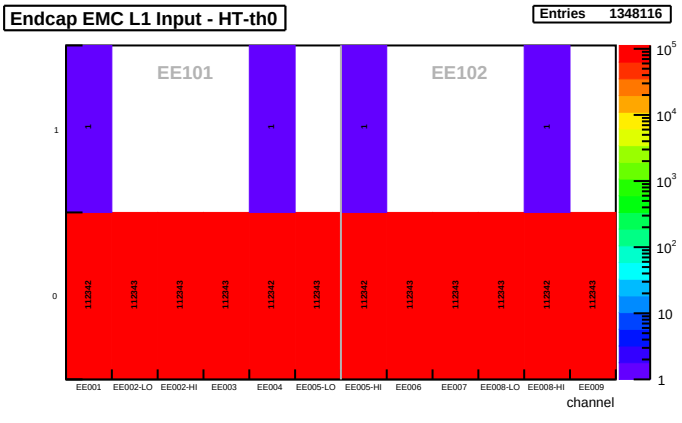

BC1-HT-UPC-Diff
Entries 4006553
BC101
BC102
BC103
BC104
BC105
BC106
channel

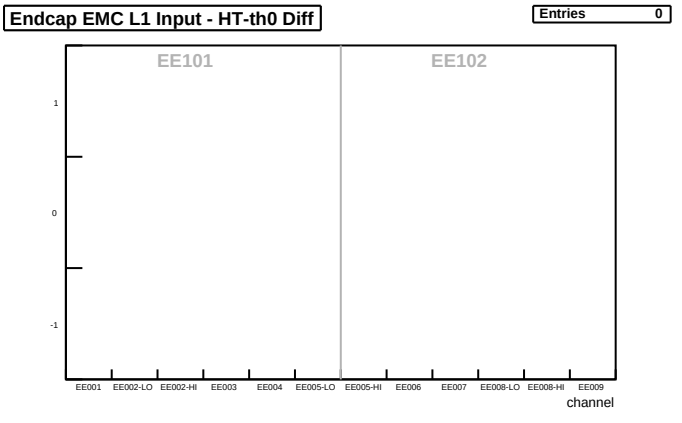

Endcap EMC L1 Input - Low Eta Sum
Entries 1348116
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

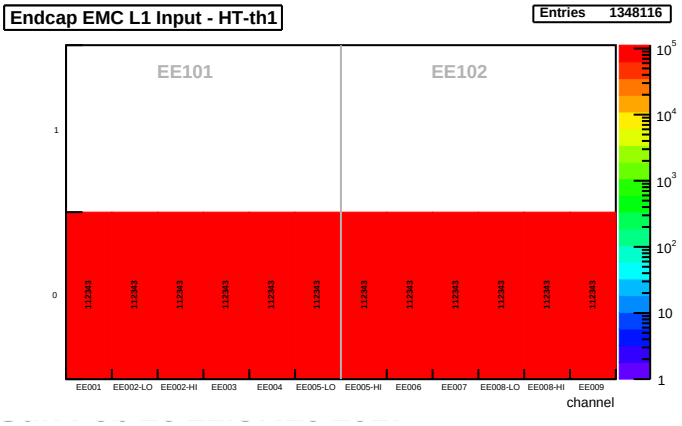

Endcap EMC L1 Input - Low Eta Sum
Entries 8715
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

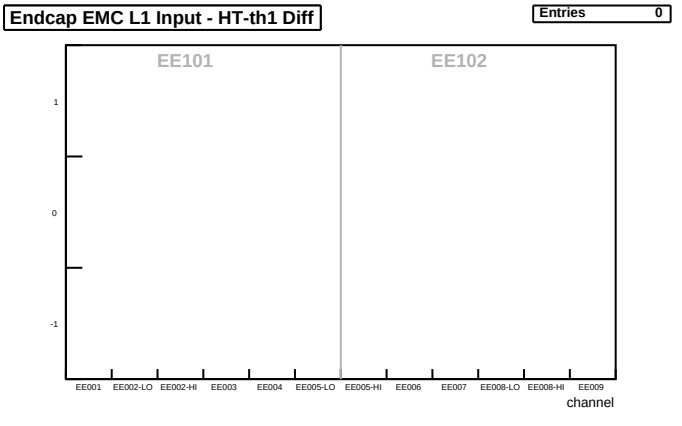

Endcap EMC L1 Input - High Eta Sum
Entries 1348116
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

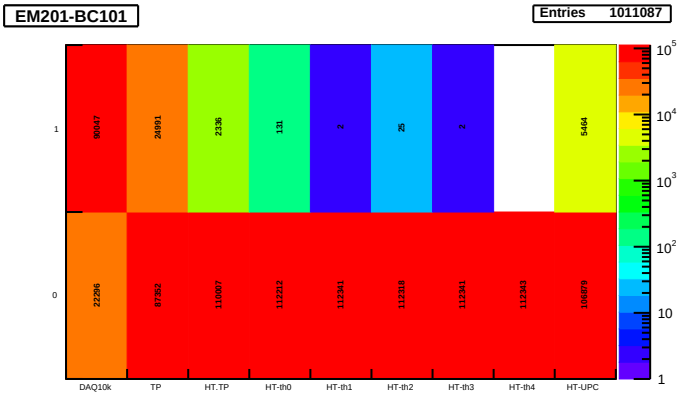

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

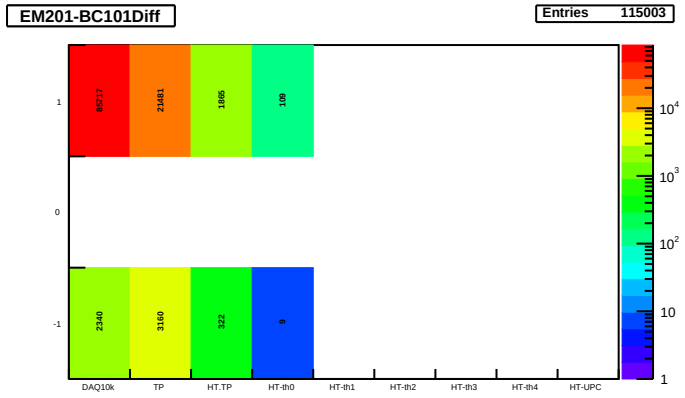

Endcap EMC L1 Input - HT-th0
Entries 1348116
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

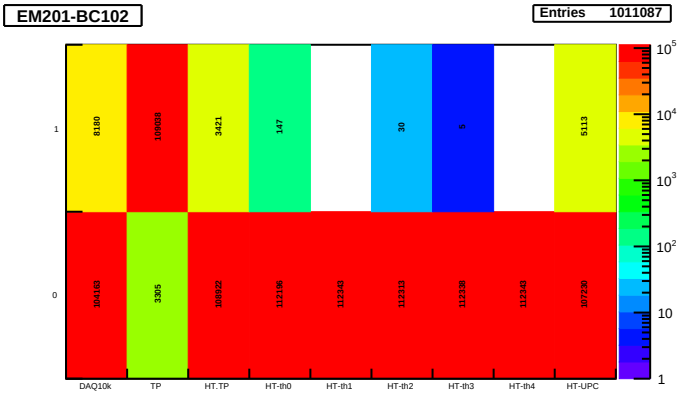

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

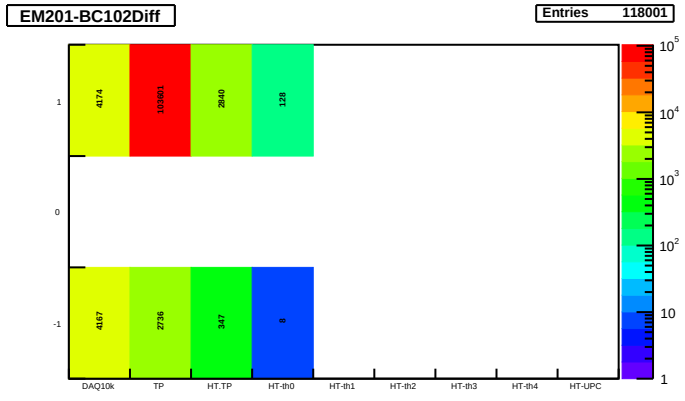

Endcap EMC L1 Input - HT-th1
Entries 1348116
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

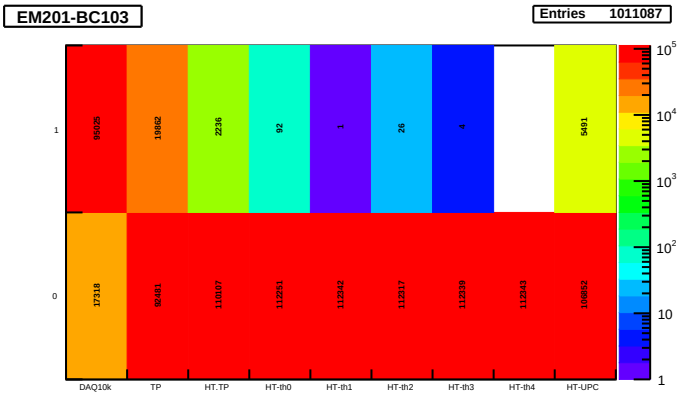

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

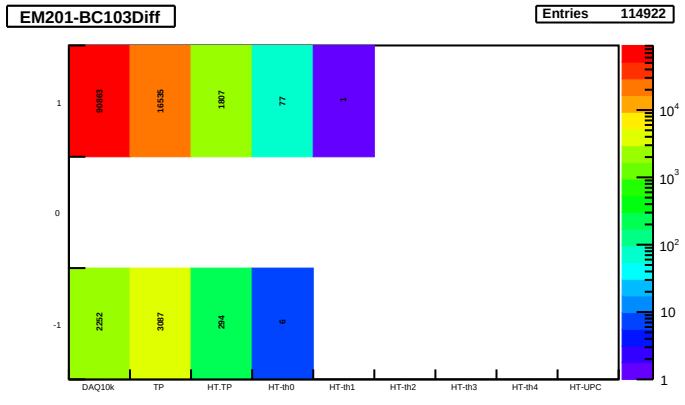

EM201-BC101
Entries 1011087
1
0
90047
24991
2336
131
2
25
2
5464
22596
87352
110007
112212
112341
112218
112341
112343
106879
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

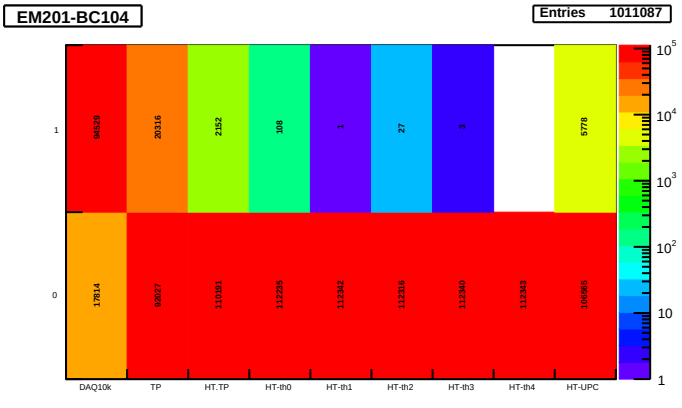

EM201-BC101Diff
Entries 115003
1
0
-1
85717
21481
1865
109
2340
3160
322
9
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

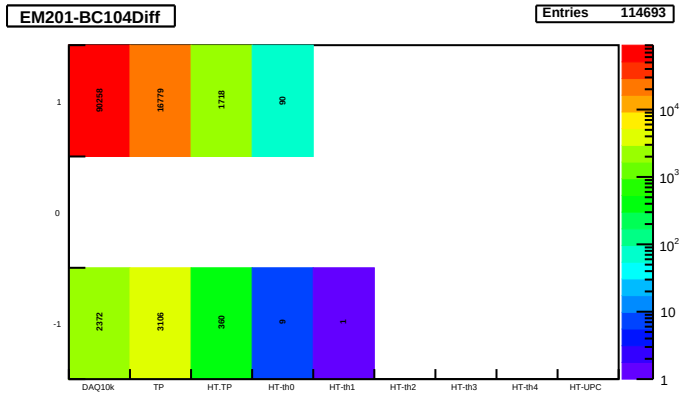

EM201-BC102
Entries 1011087
1
0
8180
109938
3421
147
30
5
5113
104163
3305
109922
112196
112343
112313
112338
112343
107230
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC102Diff
Entries 118001
1
0
-1
4174
103801
2840
128
4167
2736
347
8
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 1011087
1
0
95025
19862
2236
92
1
26
4
5491
17318
92481
110107
112251
112342
112317
112339
112343
106852
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

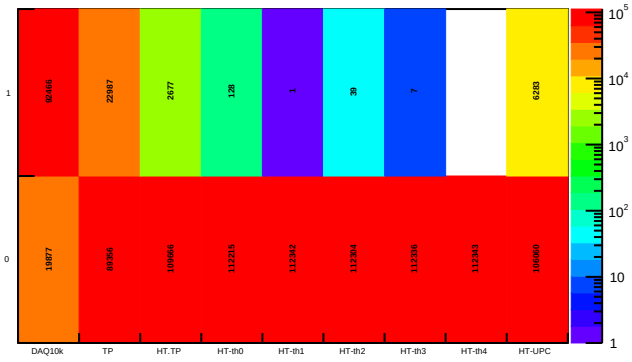

EM201-BC103Diff
Entries 114922
1
0
-1
90983
16535
1807
77
1
2252
3087
284
6
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC104
Entries 1011087
1
0
94529
20316
2152
108
1
27
3
5778
17614
92027
110191
112255
112342
112316
112340
112343
106565
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 114693
1
0
-1
90258
16779
1718
90
2372
3106
360
9
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

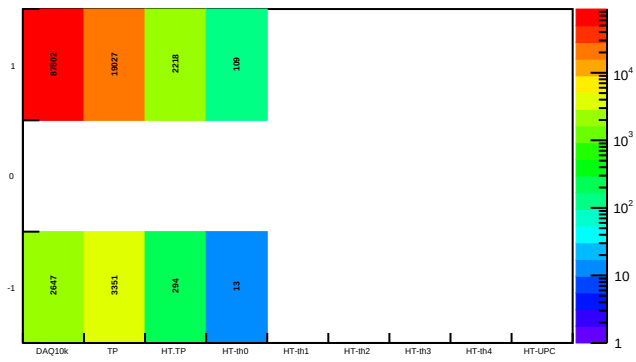
EM201-BC105

Entries 1011087



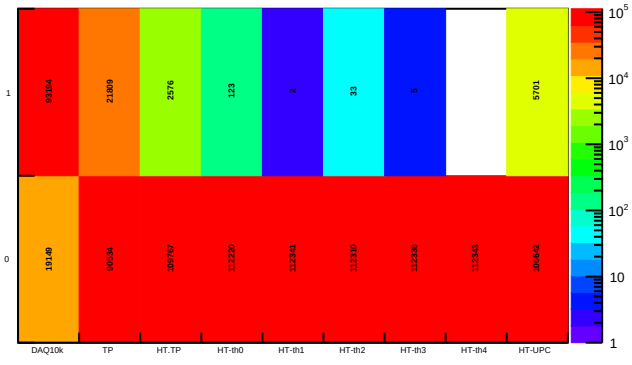
EM201-BC105Diff

Entries 115461



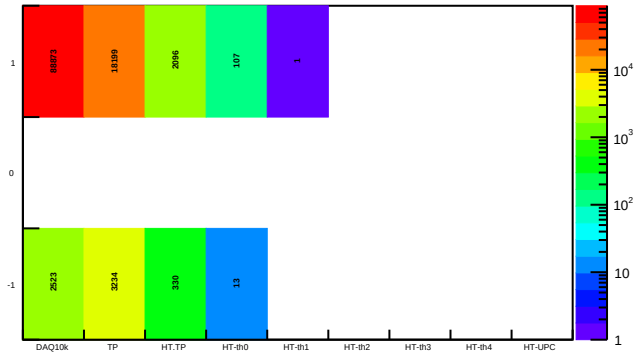
EM201-BC106

Entries 1011087



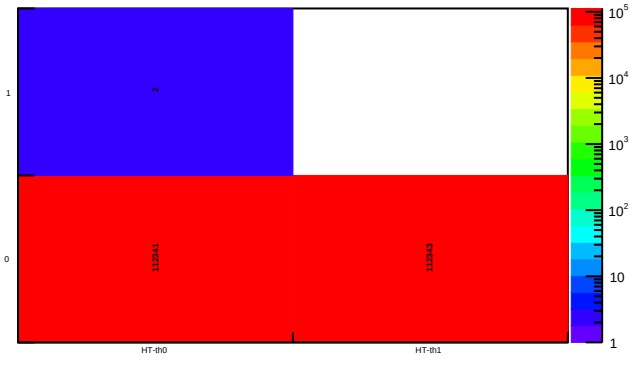
EM201-BC106Diff

Entries 115376



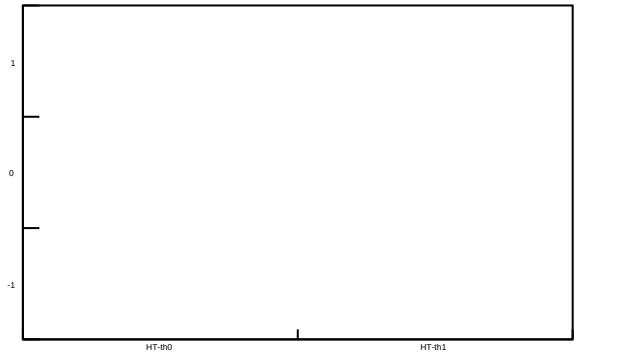
EM201-EE101

Entries 224686



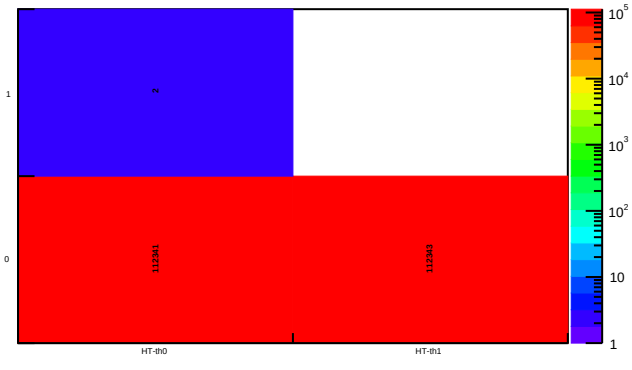
EM201-EE101Diff

Entries 0



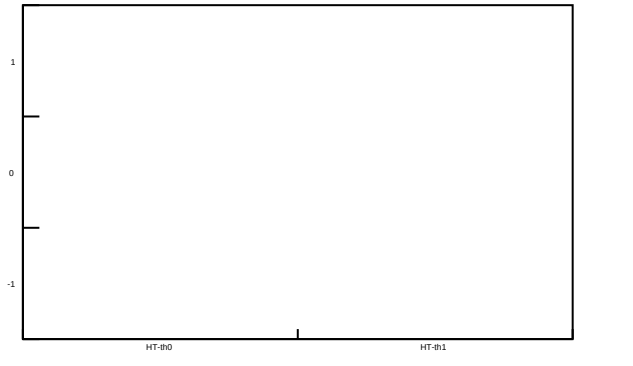
EM201-EE102

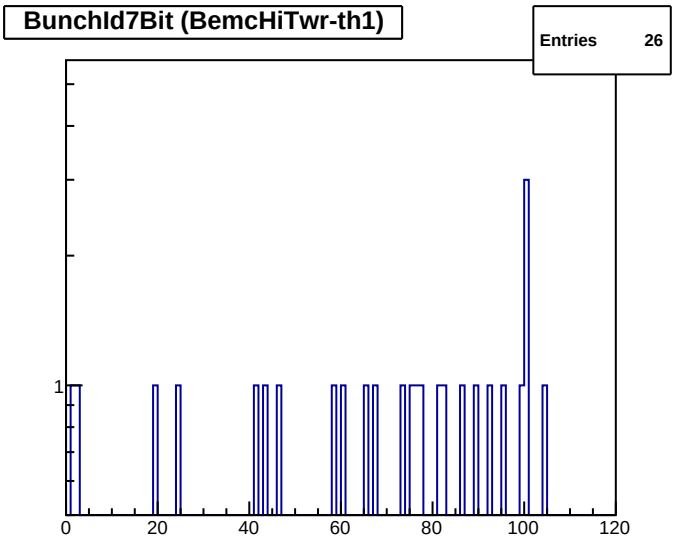
Entries 224686

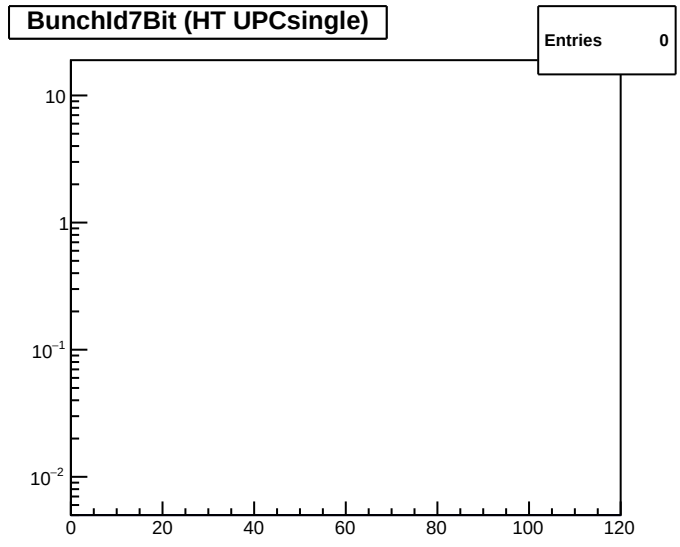


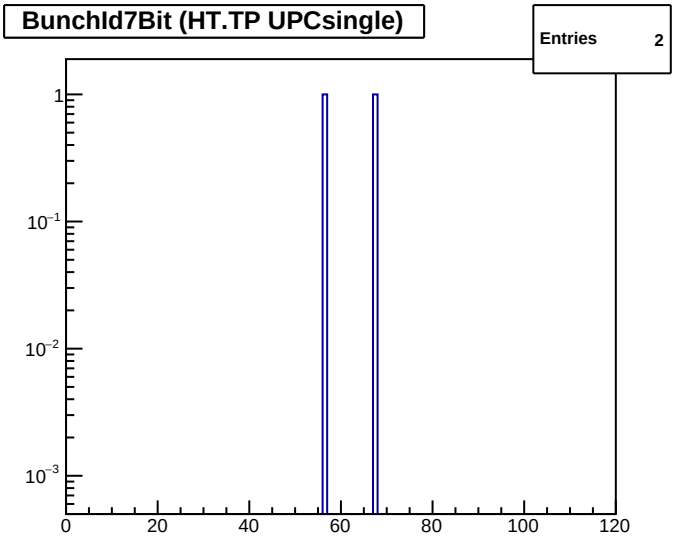
EM201-EE102Diff

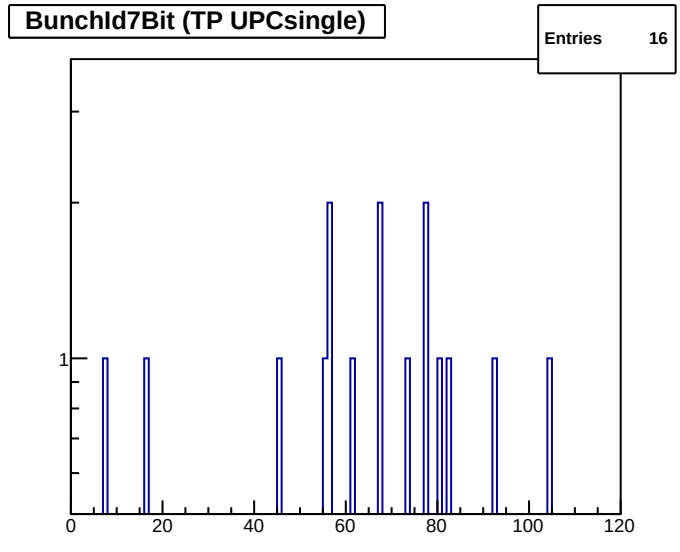
Entries 0

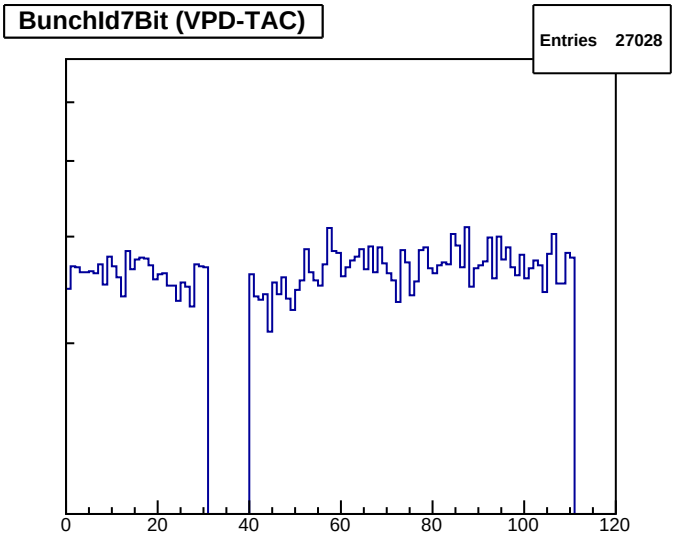


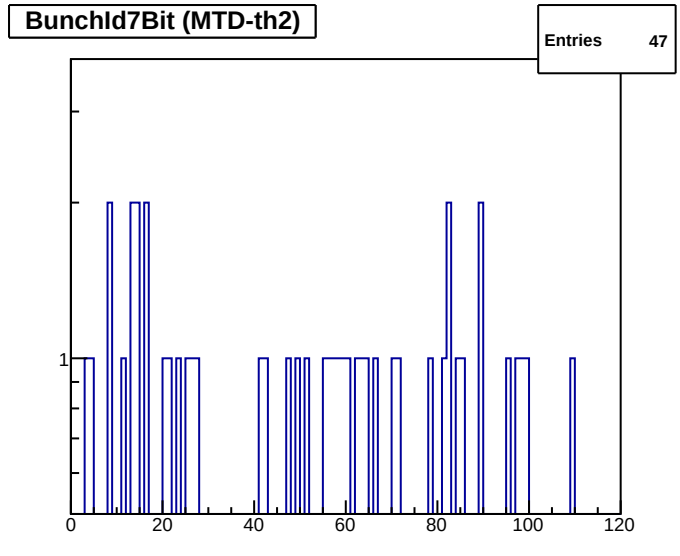

BunchId7Bit (BemcHiTwr-th1)
Entries 26
1
0
20
40
60
80
100
120

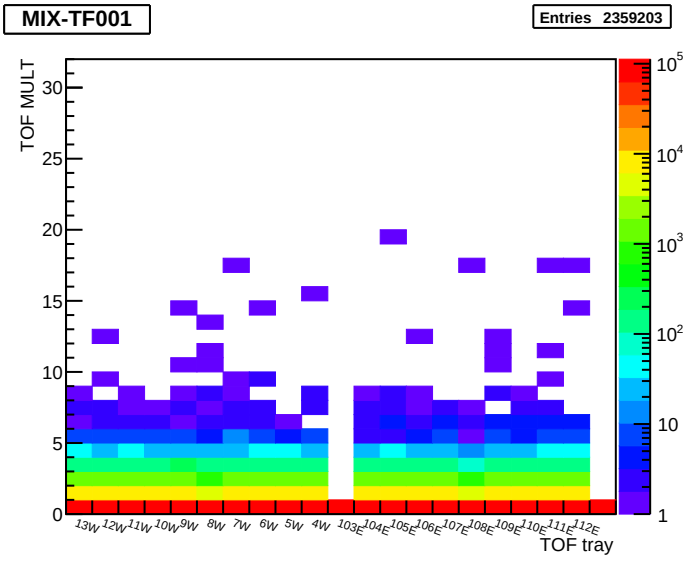

BunchId7Bit (HT UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0
20
40
60
80
100
120

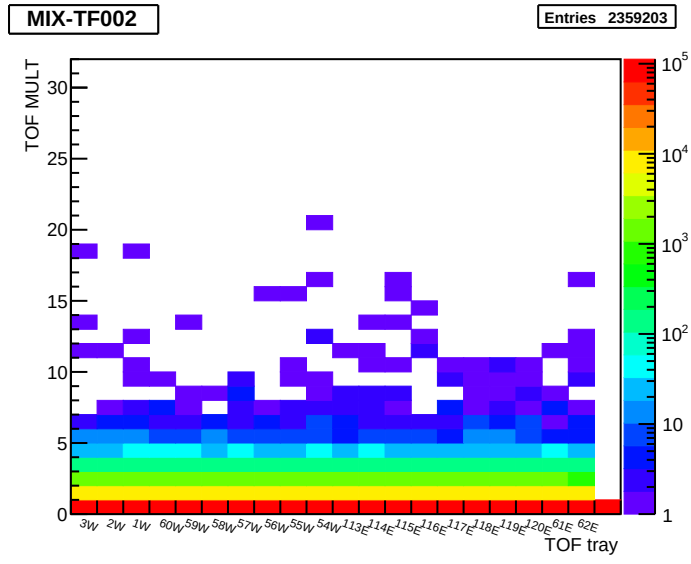

BunchId7Bit (HT.TP UPCsingle)
Entries 2
1
10^{-1}
10^{-2}
10^{-3}
0
20
40
60
80
100
120

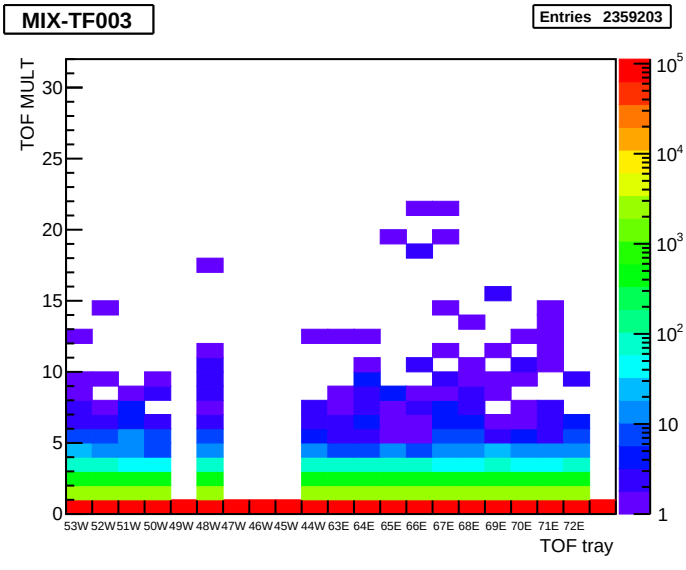

BunchId7Bit (TP UPCsingle)
Entries 16
1
0
20
40
60
80
100
120

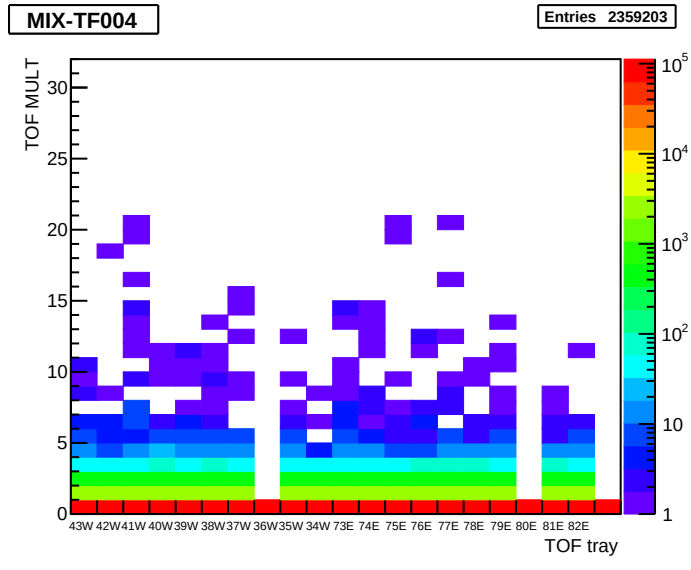

BunchId7Bit (VPD-TAC)
Entries 27028
0
20
40
60
80
100
120

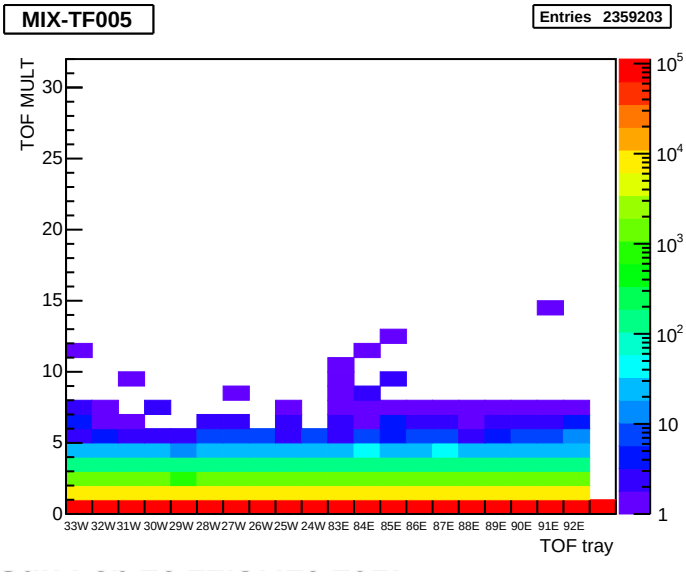

BunchId7Bit (MTD-th2)
Entries 47
1
0
20
40
60
80
100
120

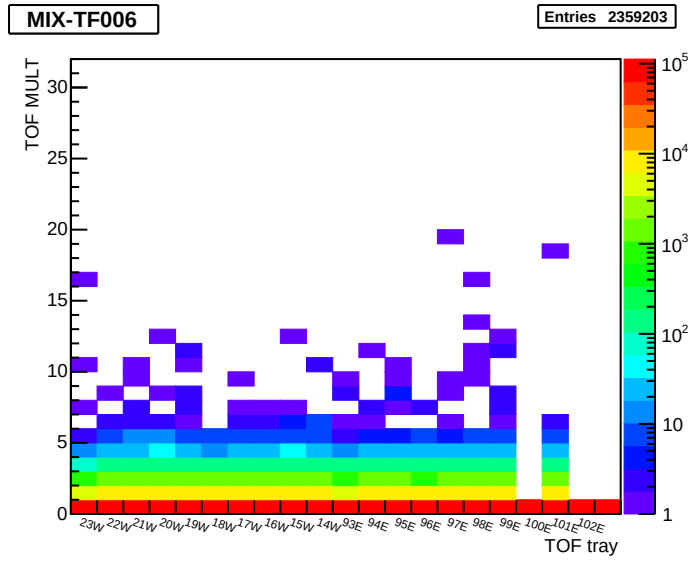

MIX-TF001
Entries 2359203
TOF MULT
TOF tray

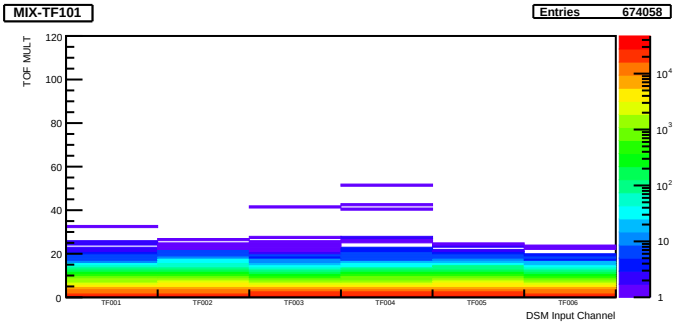

MIX-TF002
Entries 2359203
TOF MULT
TOF tray

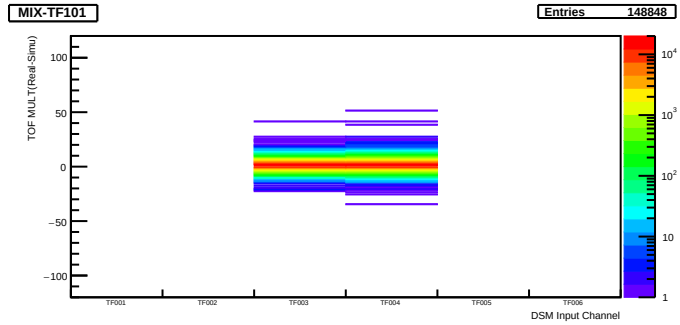

MIX-TF003
Entries 2359203
TOF MULT
TOF tray

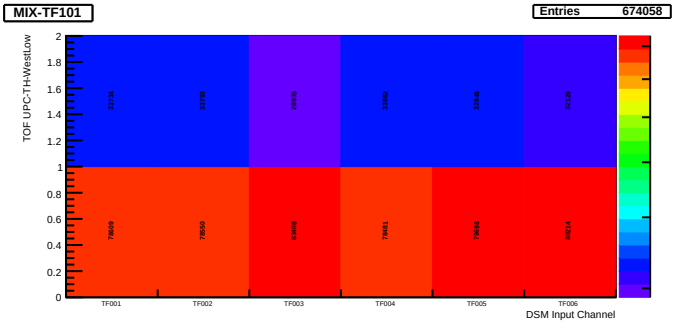

MIX-TF004
Entries 2359203
TOF MULT
TOF tray

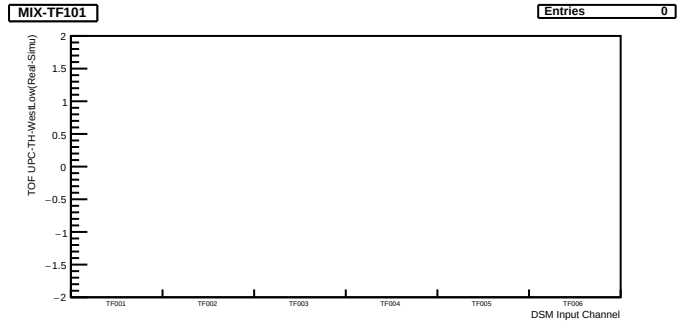

MIX-TF005
Entries 2359203
TOF MULT
TOF tray

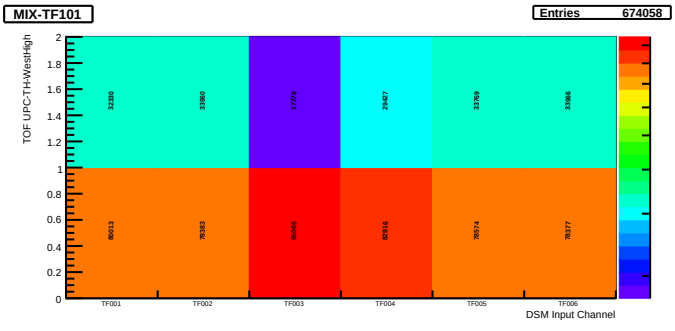

MIX-TF006
Entries 2359203
TOF MULT
TOF tray

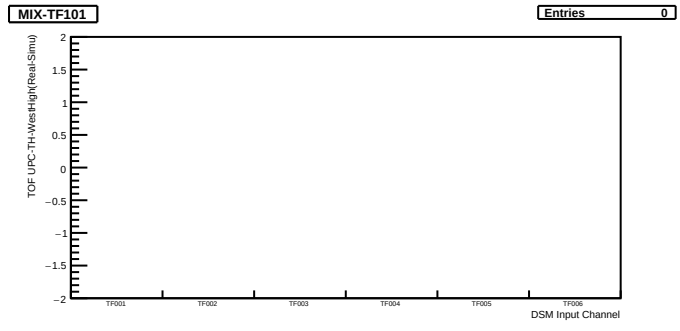

MIX-TF101
Entries 674058
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

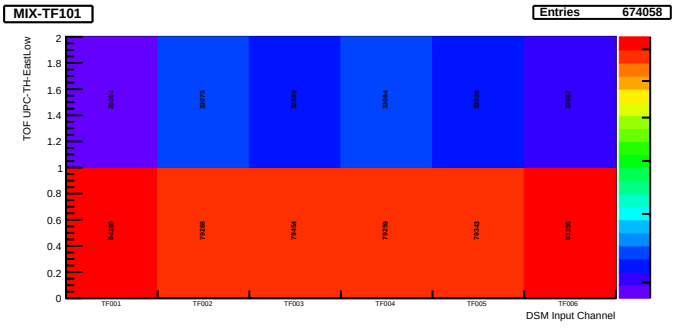

MIX-TF101
Entries 148848
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

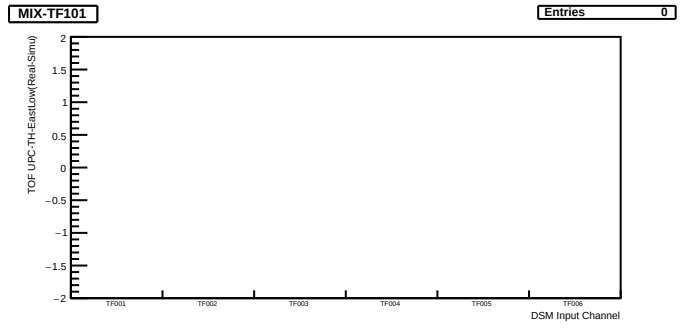

MIX-TF101
Entries 674058
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

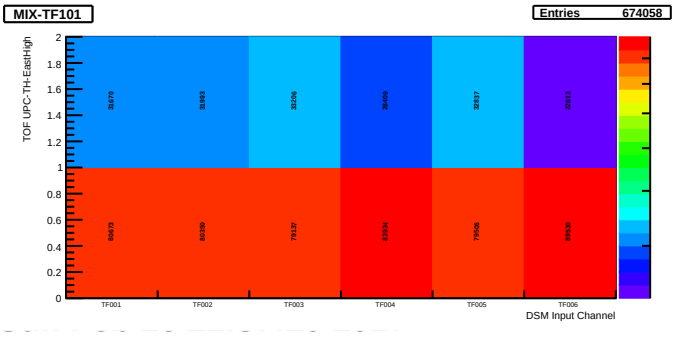

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

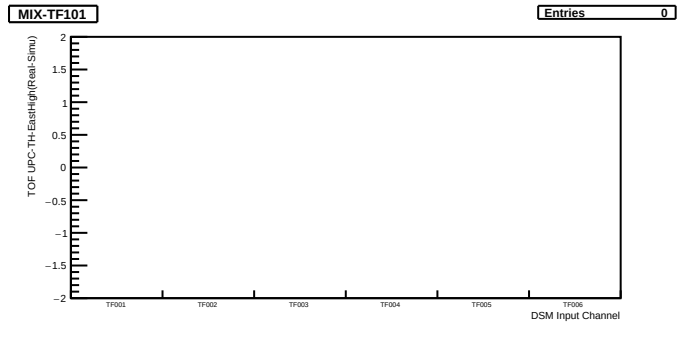

MIX-TF101
Entries 674058
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

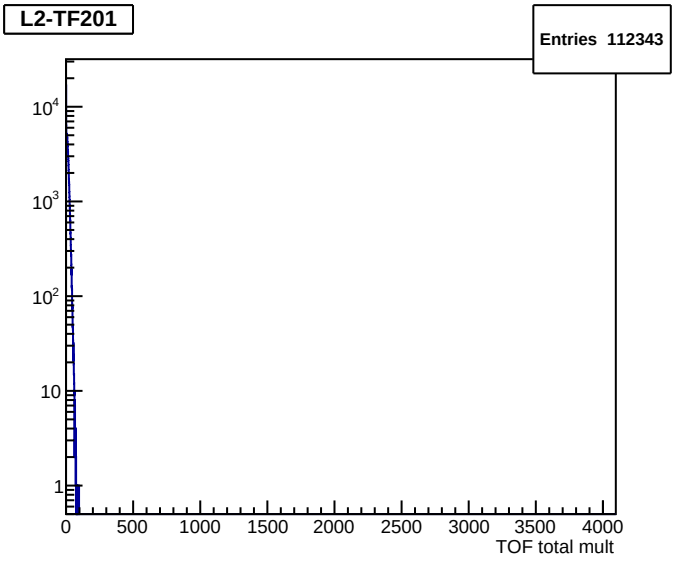

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

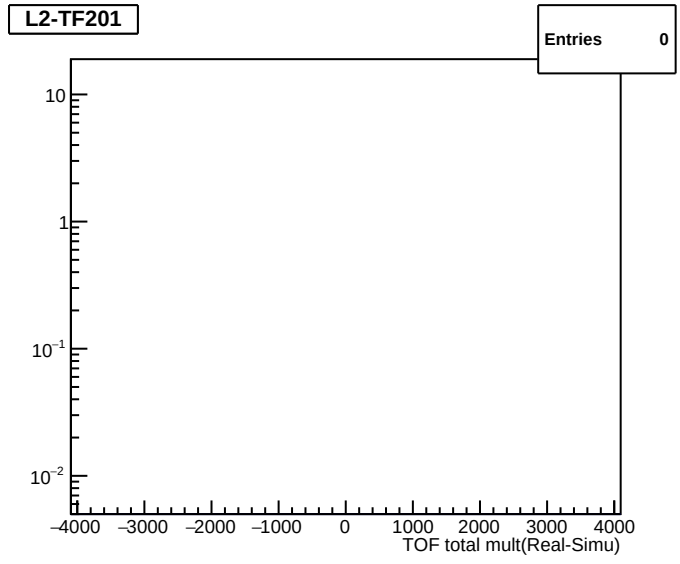

MIX-TF101
Entries 674058
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

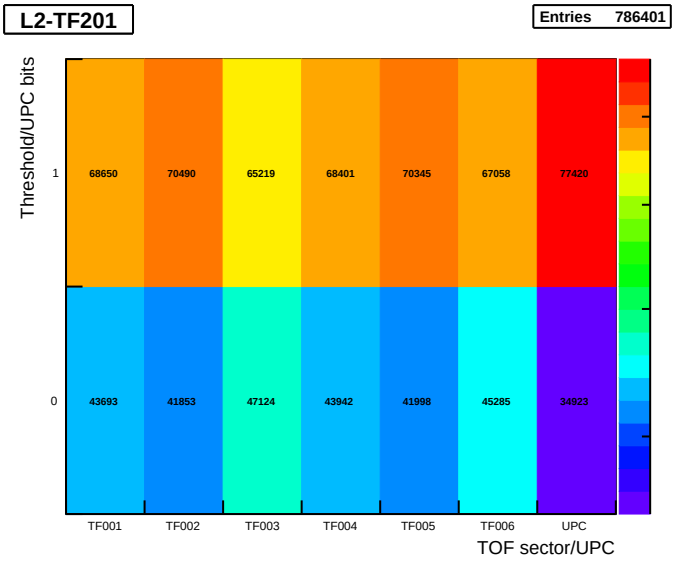

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

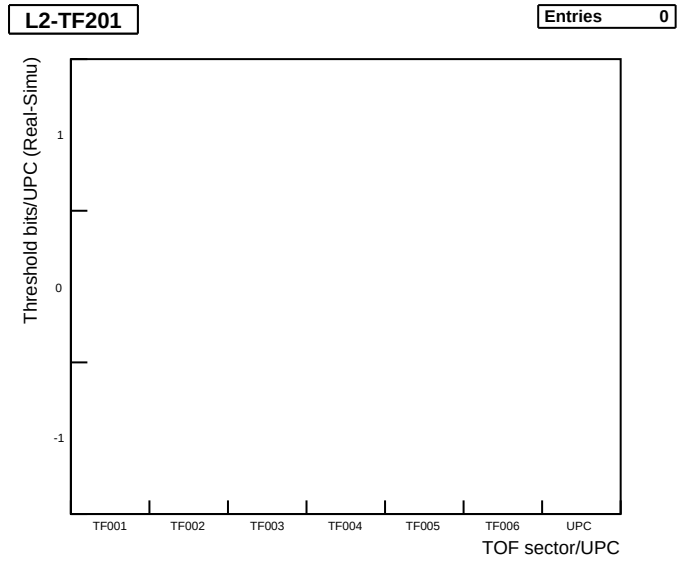

MIX-TF101
Entries 674058
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

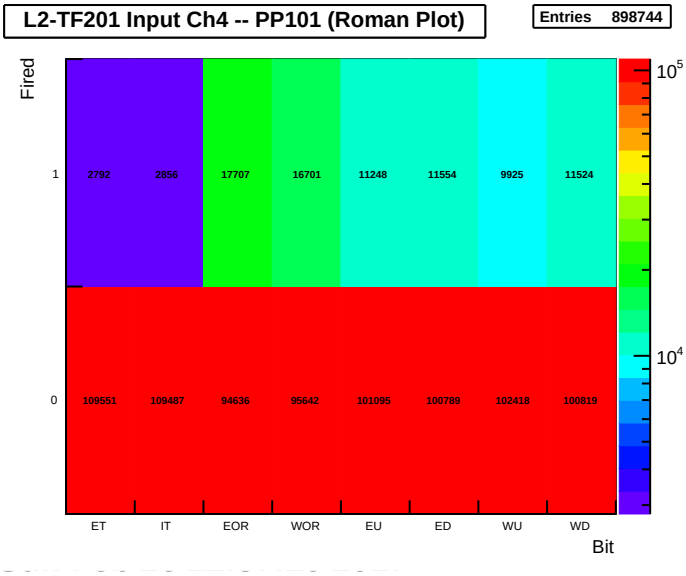

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

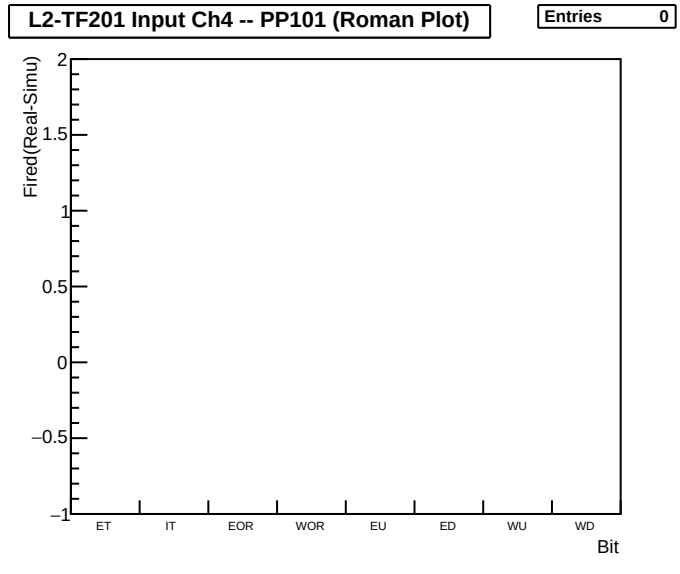

L2-TF201
Entries 112343
TOF total mult

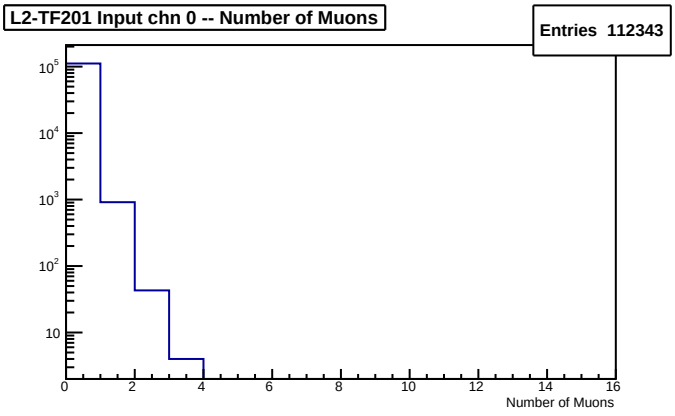

L2-TF201
Entries 0
TOF total mult(Real-Simu)

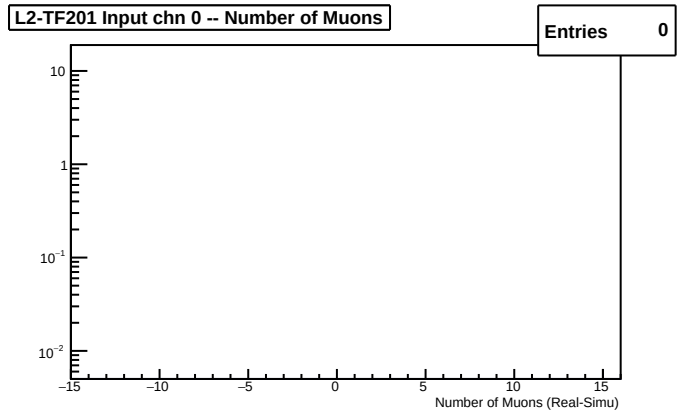

L2-TF201
Entries 786401
Threshold/UPC bits
68650 70490 65219 68401 70345 67058 77420
43693 41853 47124 43942 41998 45285 34923
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

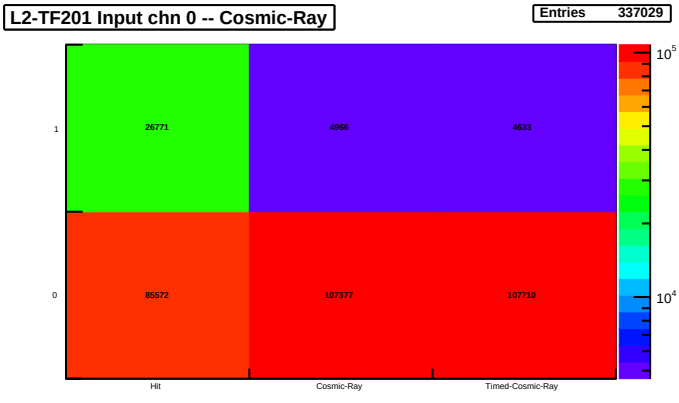

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

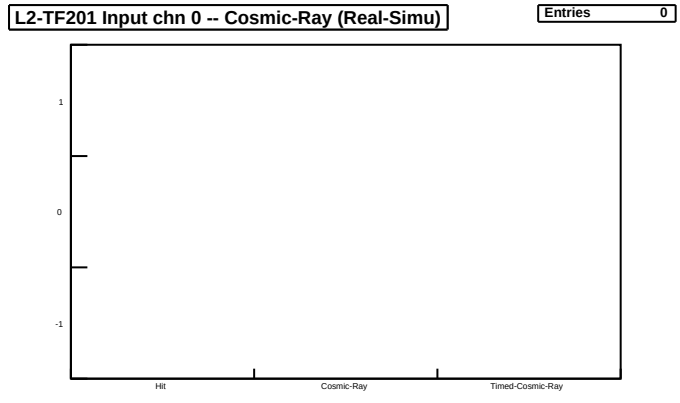

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 898744
Fired
2792 2856 17707 16701 11248 11554 9925 11524
109551 109487 94636 95642 101095 100789 102418 100819
ET IT EOR WOR EU ED WU WD
Bit

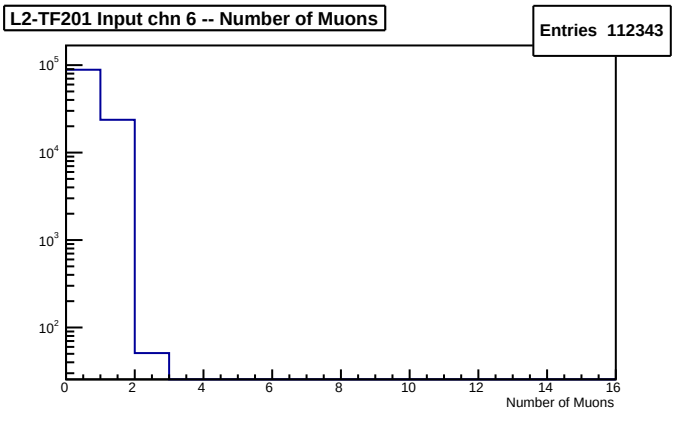

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

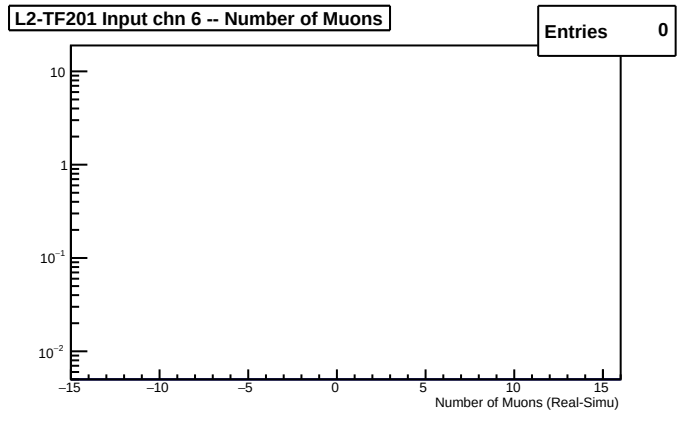

L2-TF201 Input chn 0 -- Number of Muons
Entries 112343
Number of Muons

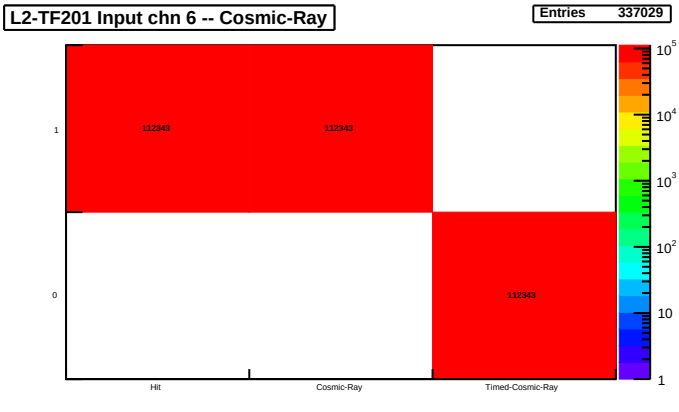

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

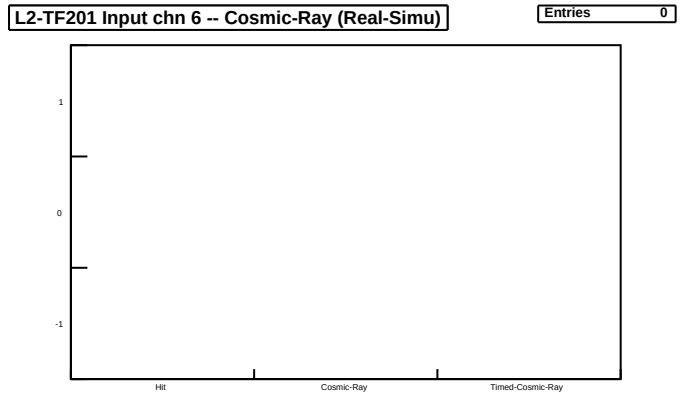

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 337029
26771
4966
4633
85572
107377
107710
Hit
Cosmic-Ray
Timed-Cosmic-Ray

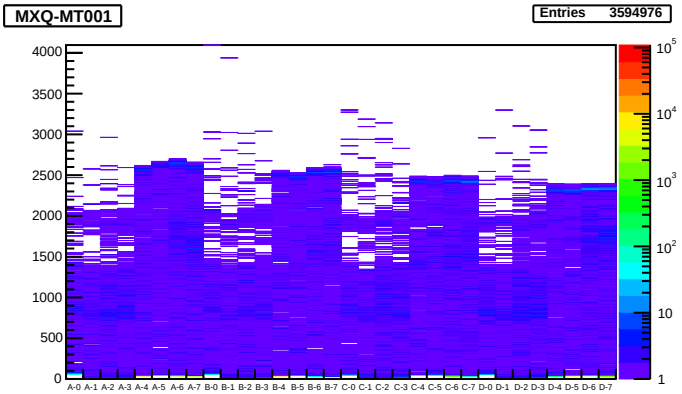

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

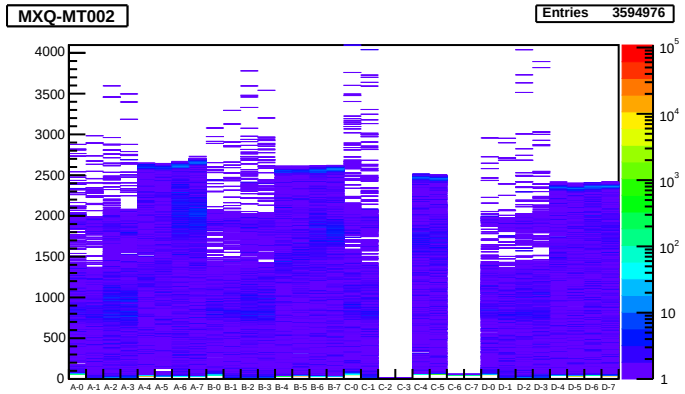

L2-TF201 Input chn 6 -- Number of Muons
Entries 112343
Number of Muons

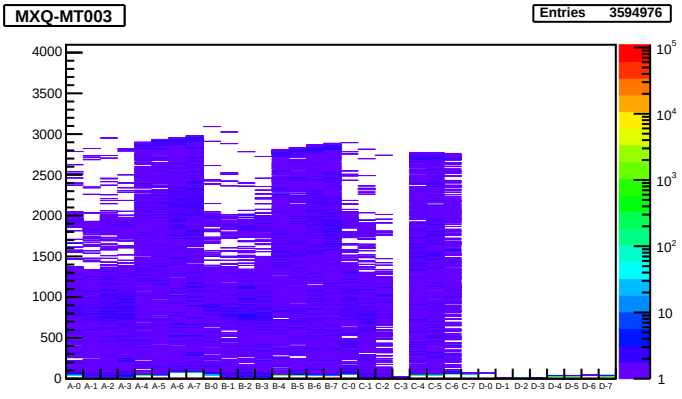

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

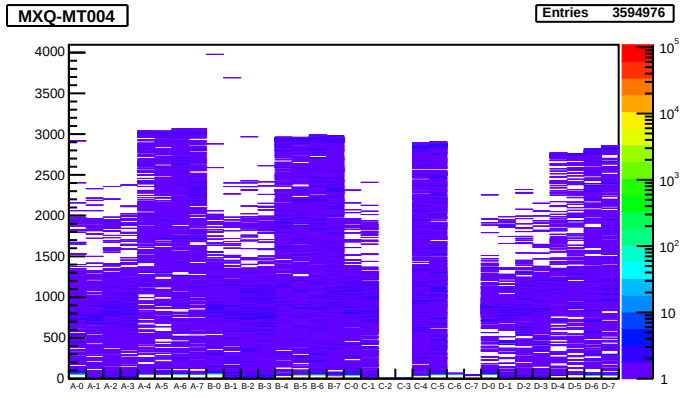

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 337029
112343
112343
112343
Hit
Cosmic-Ray
Timed-Cosmic-Ray

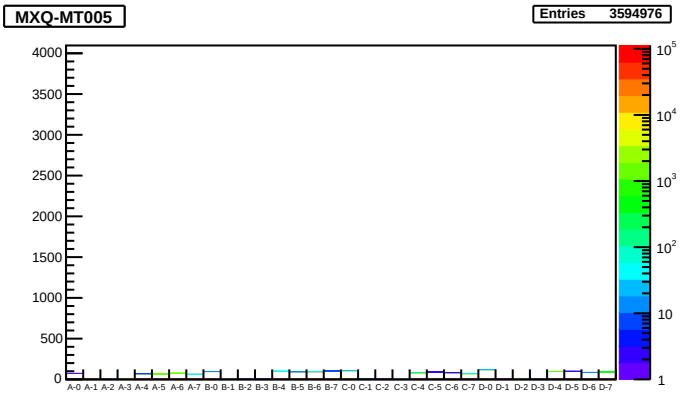

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

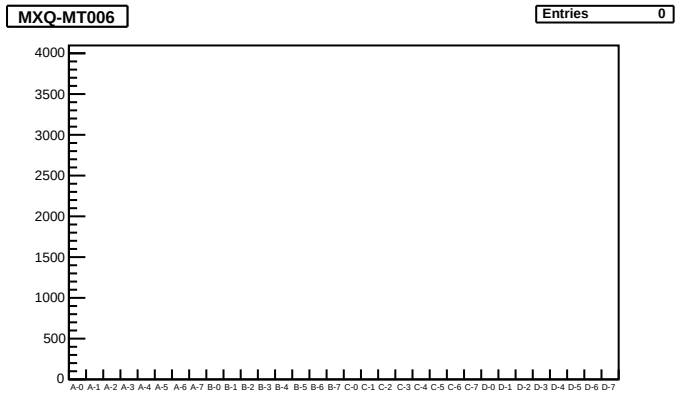

MXQ-MT001
Entries 3594976

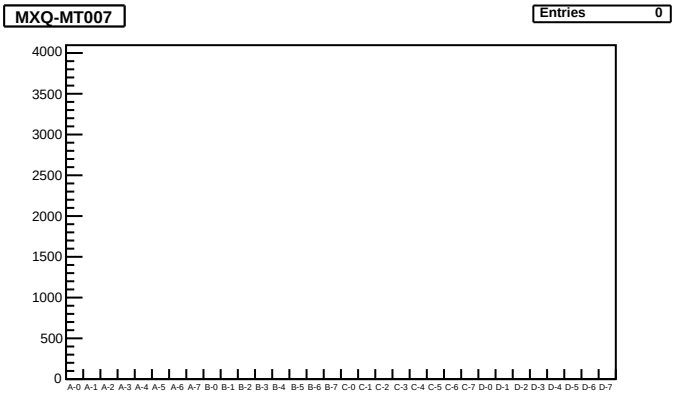

MXQ-MT002
Entries 3594976

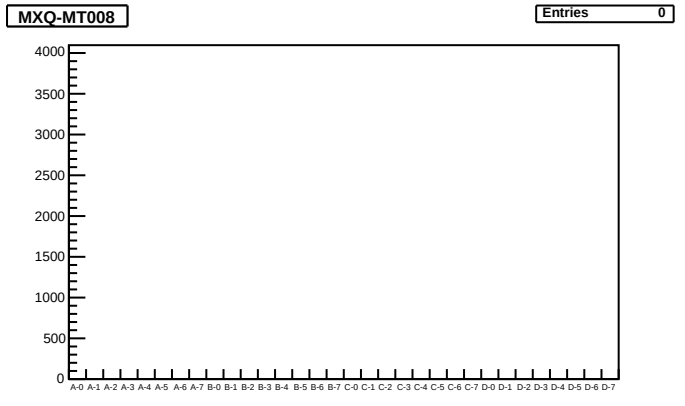

MXQ-MT003
Entries 3594976

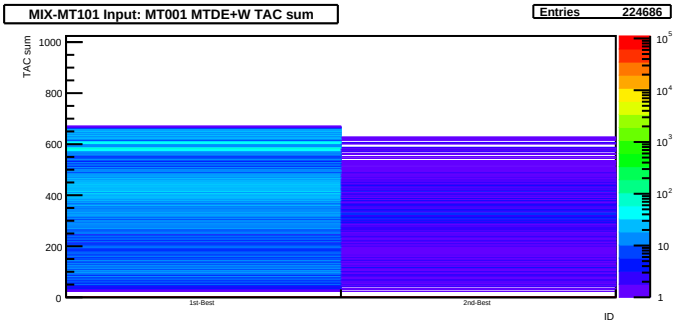

MXQ-MT004
Entries 3594976

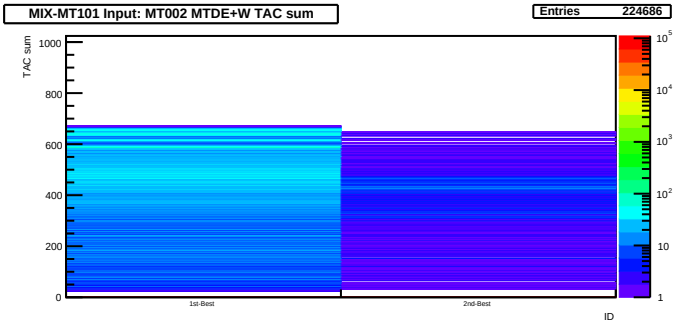

MXQ-MT005
Entries 3594976

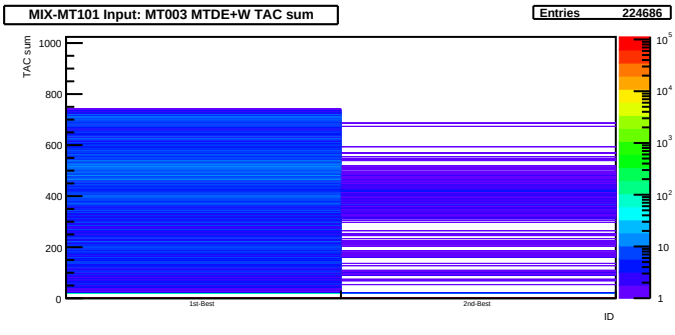

MXQ-MT006
Entries 0

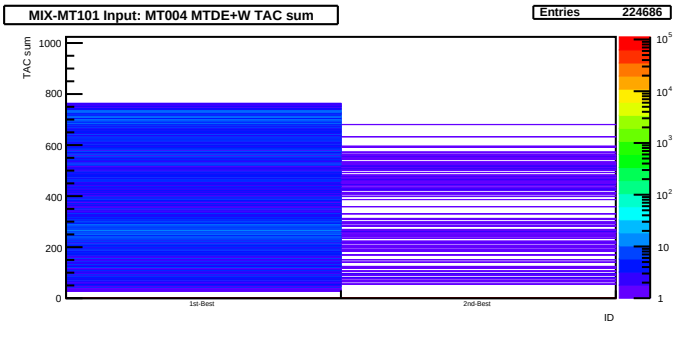

MXQ-MT007
Entries 0

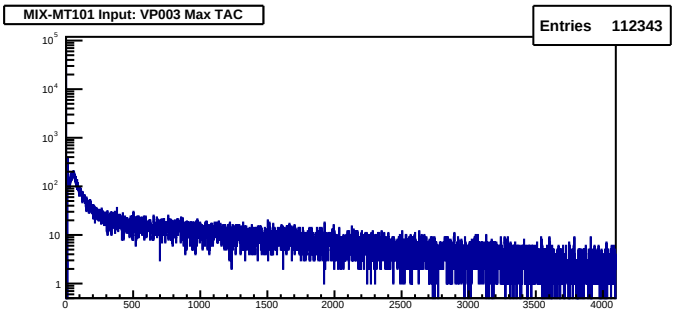

MXQ-MT008
Entries 0

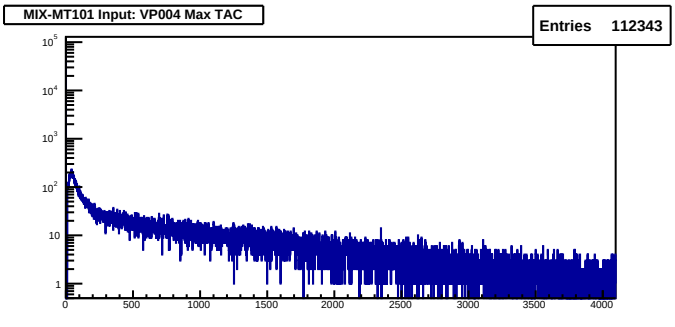

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 224686
TAC sum
1st-Best
2nd-Best
ID

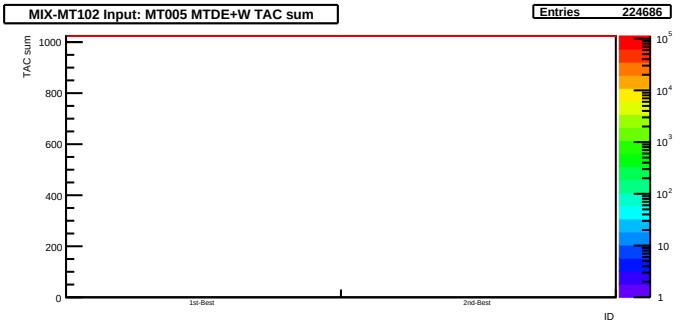

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 224686
TAC sum
1st-Best
2nd-Best
ID

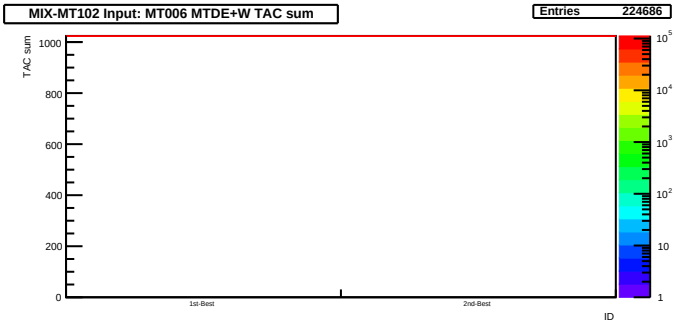

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 224686
TAC sum
1st-Best
2nd-Best
ID

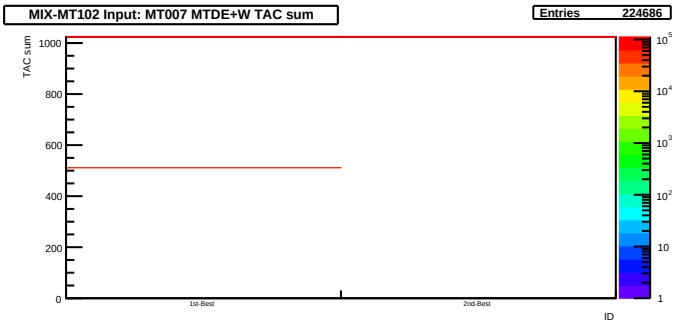

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 224686
TAC sum
1st-Best
2nd-Best
ID

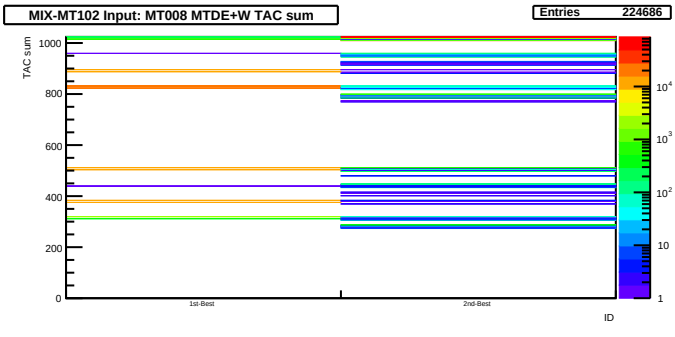

MIX-MT101 Input: VP003 Max TAC
Entries 112343

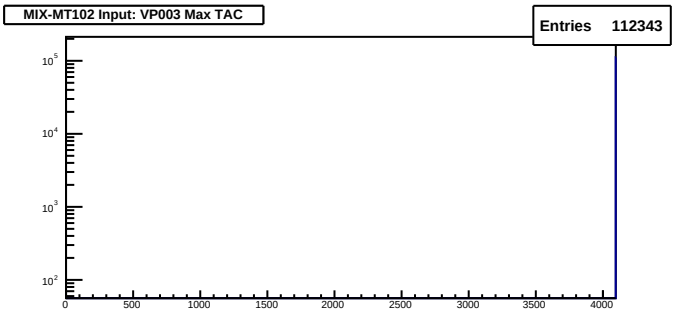

MIX-MT101 Input: VP004 Max TAC
Entries 112343

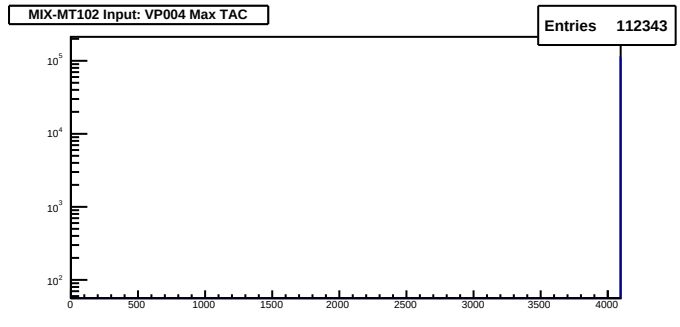

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 224686
TAC sum
1st-Best
2nd-Best
ID

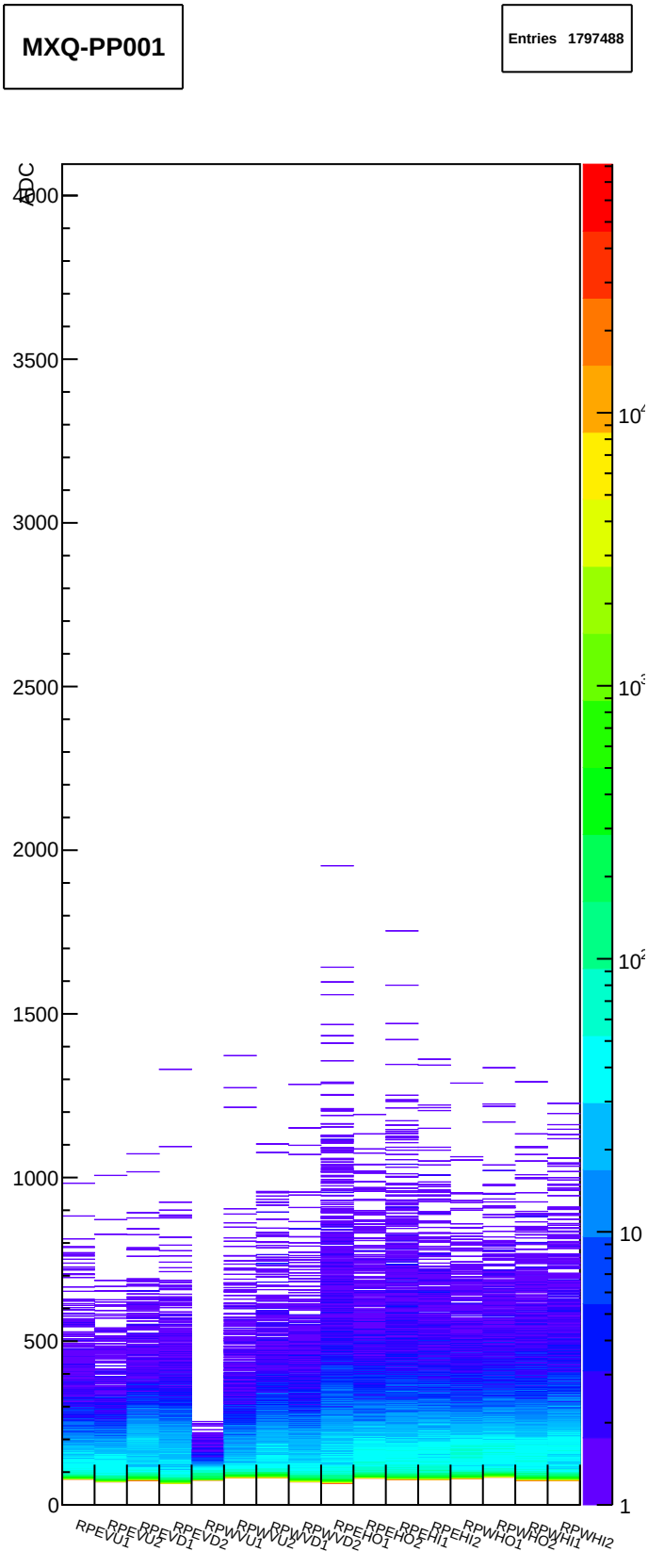

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 224686
TAC sum
1st-Best
2nd-Best
ID

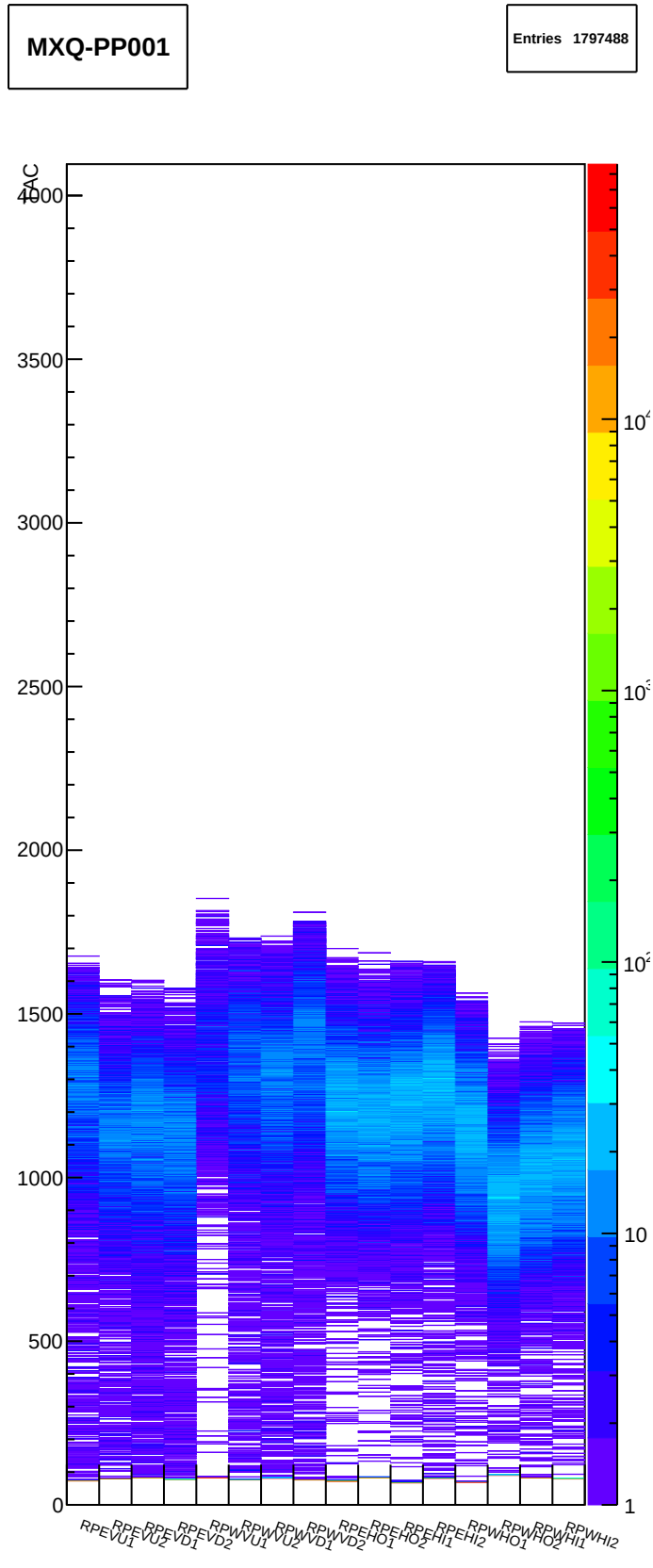

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 224686
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 224686
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 112343


MIX-MT102 Input: VP004 Max TAC
Entries 112343


MXQ-PP001
Entries 1797488
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1


MXQ-PP001
Entries 1797488
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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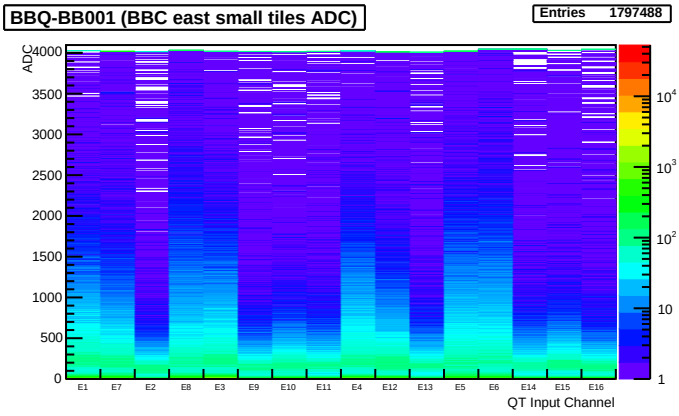
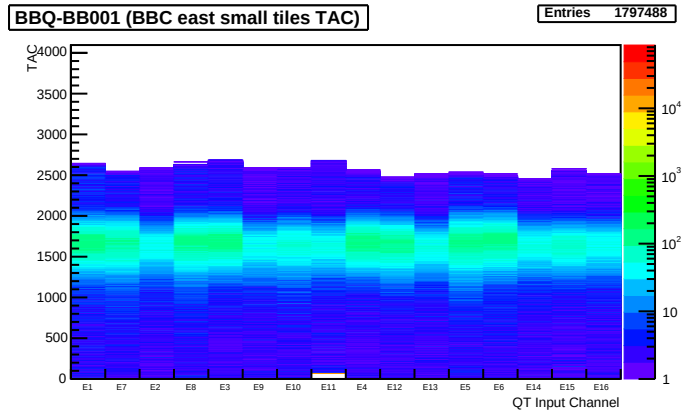
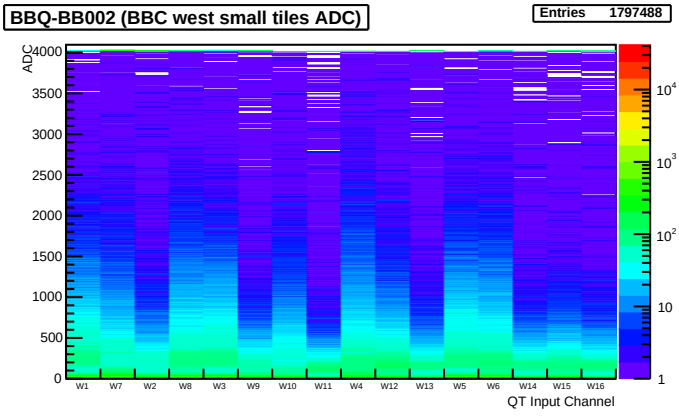
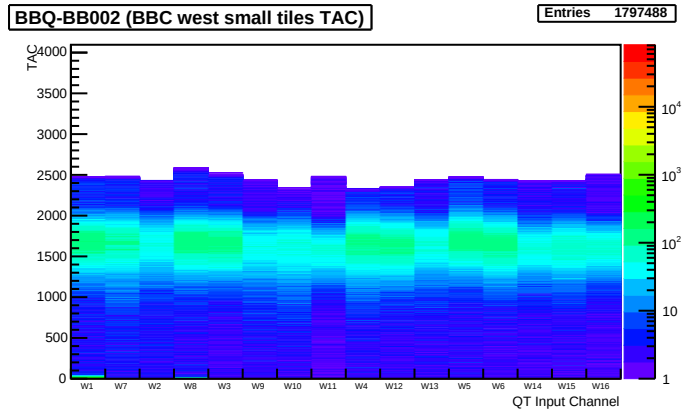
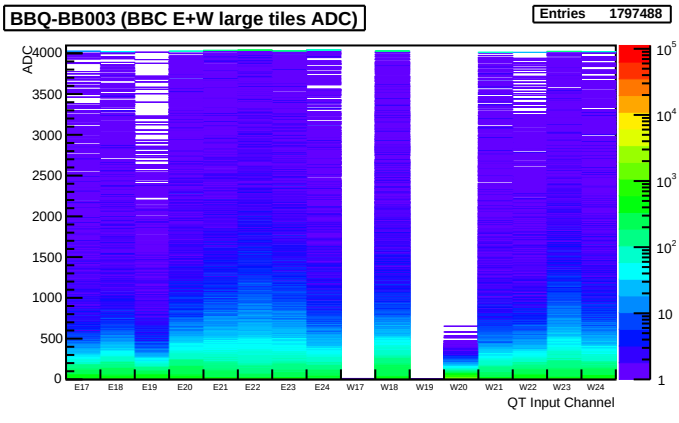
RPWHO2
RPWHI1
RPWHI2
10
1

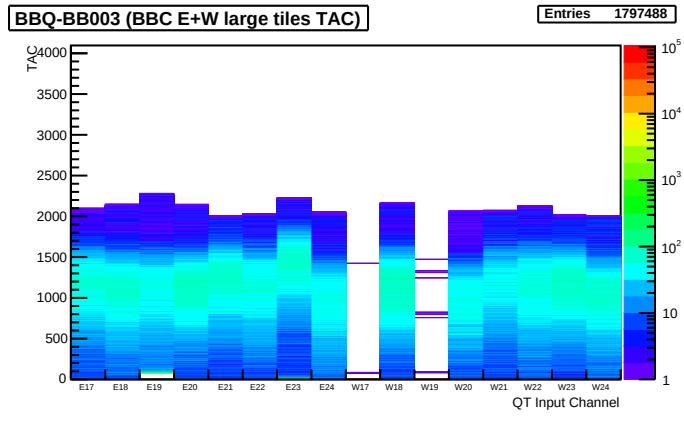

BBQ-BB001 (BBC east small tiles ADC)
Entries 1797488
ADC
QT Input Channel

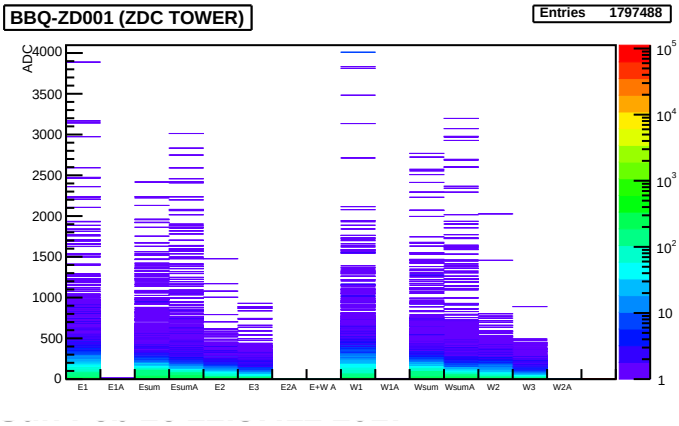

BBQ-BB001 (BBC east small tiles TAC)
Entries 1797488
TAC
QT Input Channel

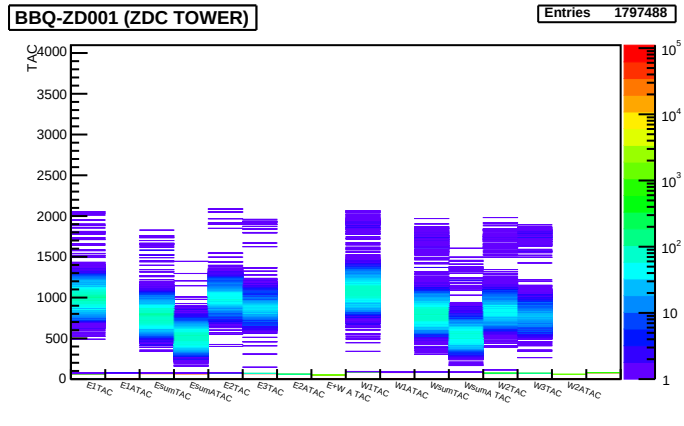

BBQ-BB002 (BBC west small tiles ADC)
Entries 1797488
ADC
QT Input Channel

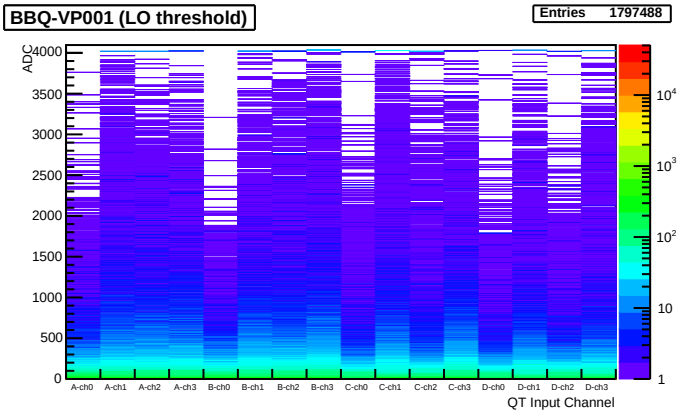

BBQ-BB002 (BBC west small tiles TAC)
Entries 1797488
TAC
QT Input Channel

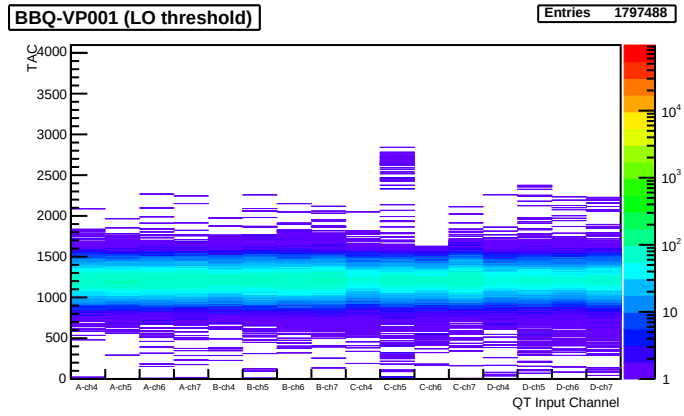

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1797488
ADC
QT Input Channel

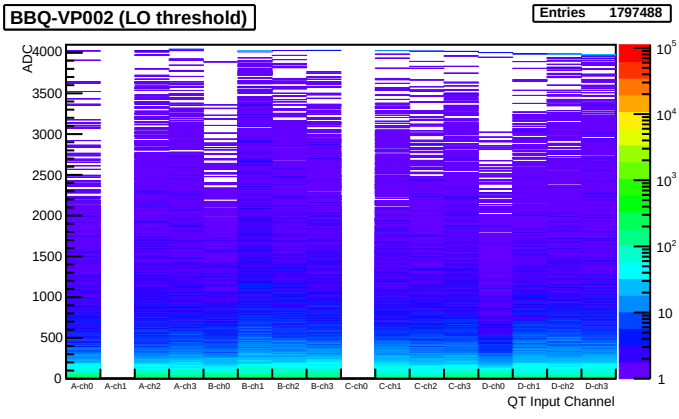

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1797488
TAC
QT Input Channel

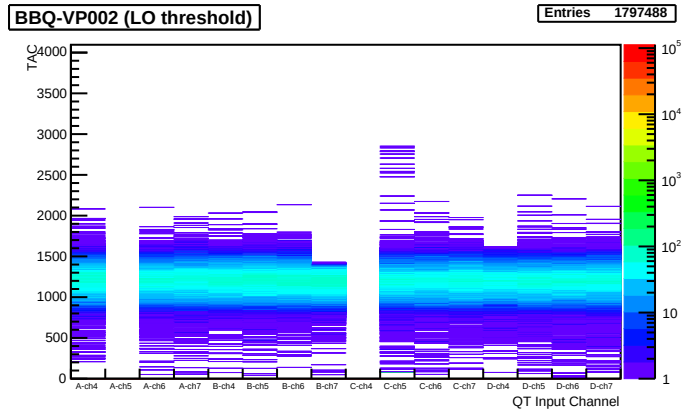

BBQ-ZD001 (ZDC TOWER)
Entries 1797488
ADC

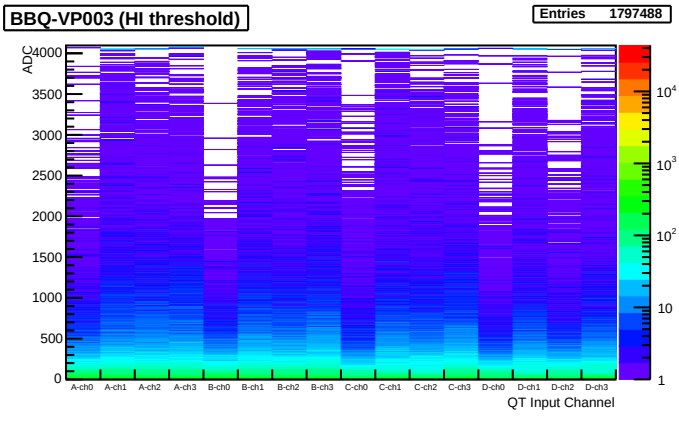

BBQ-ZD001 (ZDC TOWER)
Entries 1797488
TAC

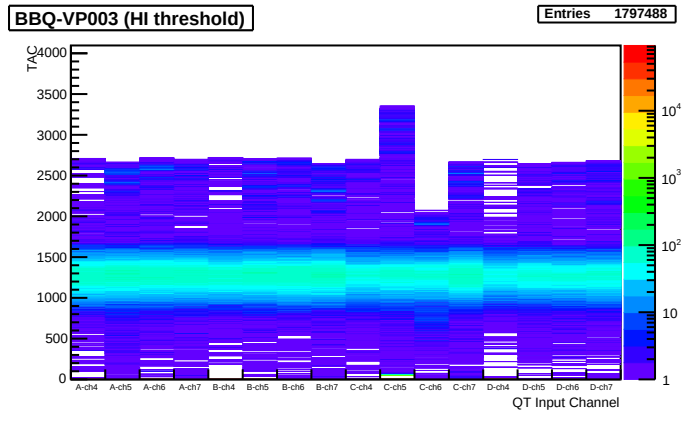

BBQ-VP001 (LO threshold)
Entries 1797488
ADC
QT Input Channel

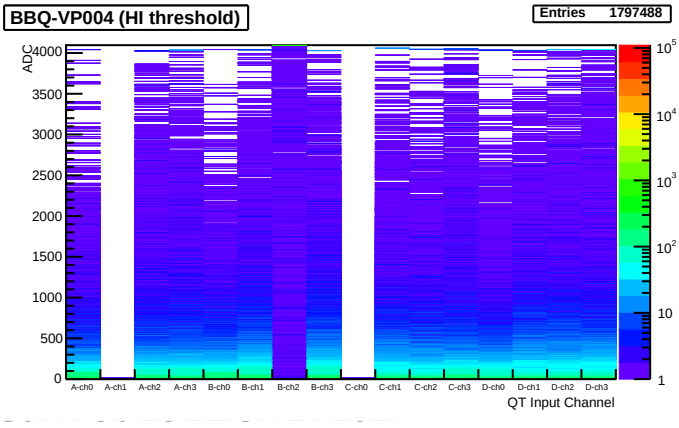

BBQ-VP001 (LO threshold)
Entries 1797488
TAC
QT Input Channel

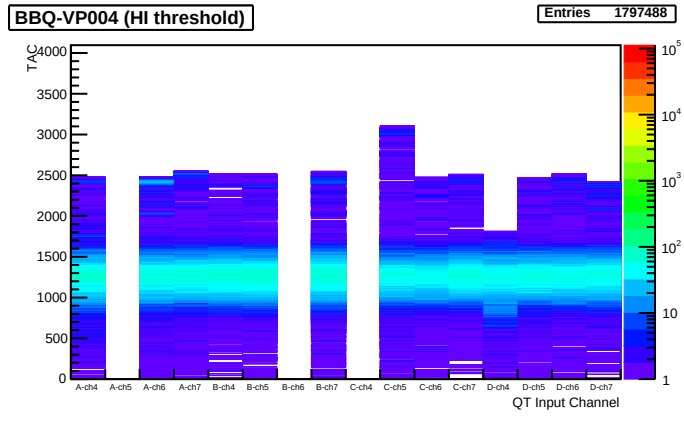

BBQ-VP002 (LO threshold)
Entries 1797488
ADC
QT Input Channel

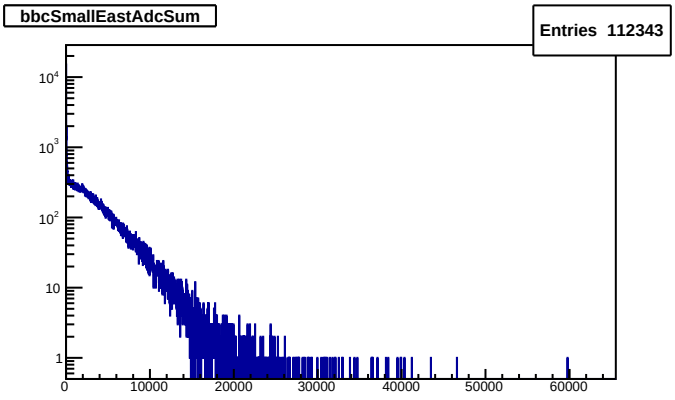

BBQ-VP002 (LO threshold)
Entries 1797488
TAC
QT Input Channel

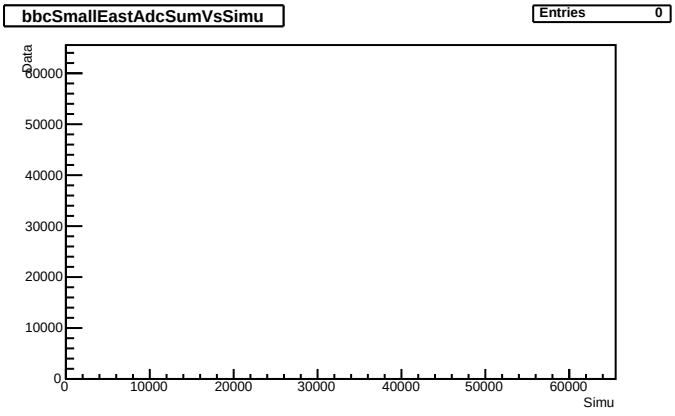

BBQ-VP003 (HI threshold)
Entries 1797488
ADC
QT Input Channel

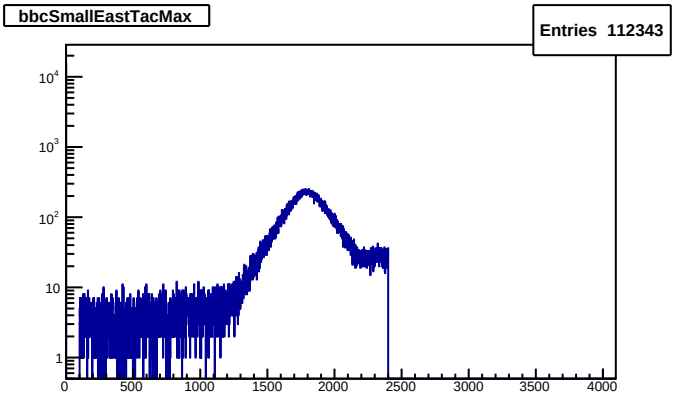

BBQ-VP003 (HI threshold)
Entries 1797488
TAC
QT Input Channel

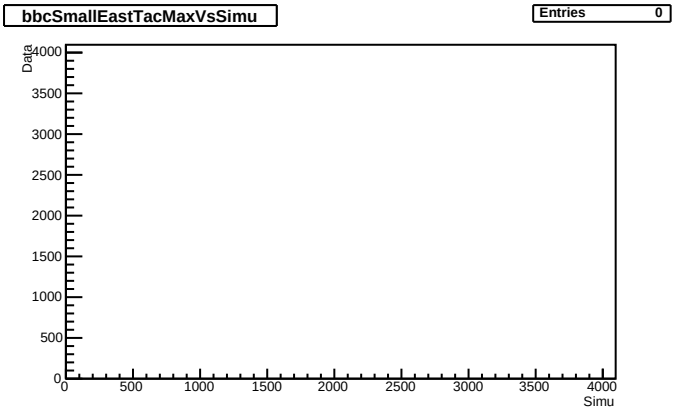

BBQ-VP004 (HI threshold)
Entries 1797488
ADC
QT Input Channel

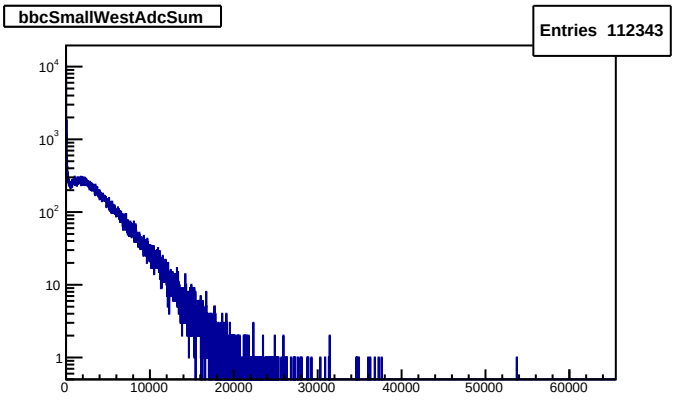

BBQ-VP004 (HI threshold)
Entries 1797488
TAC
QT Input Channel

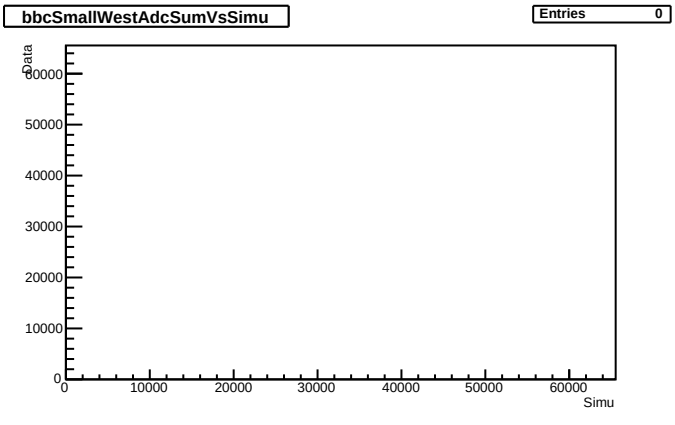

bbcSmallEastAdcSum
Entries 112343

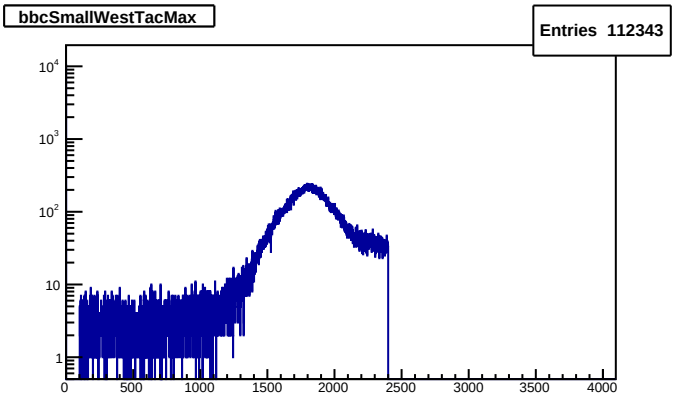

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

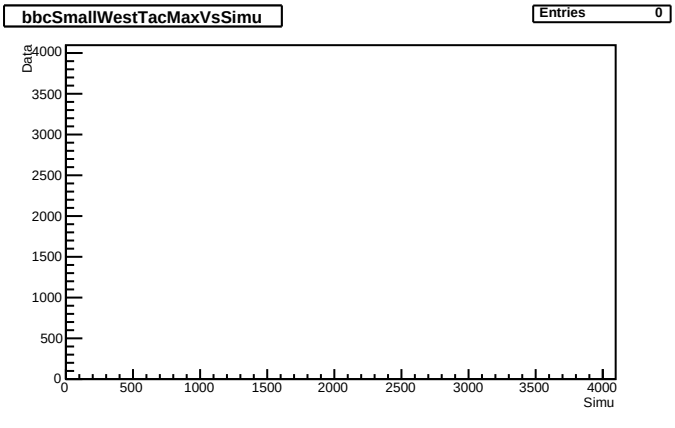

bbcSmallEastTacMax
Entries 112343

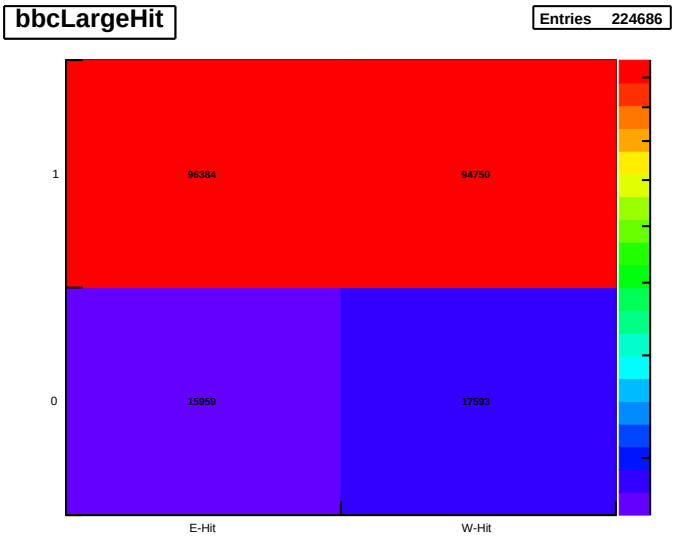

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

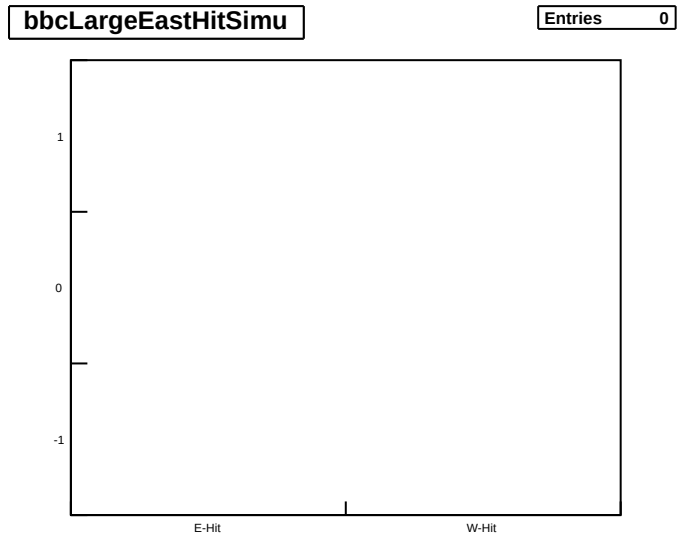

bbcSmallWestAdcSum
Entries 112343

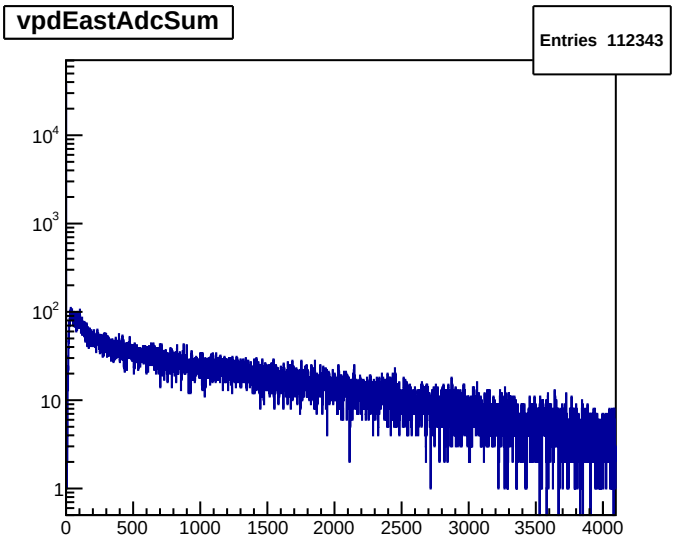

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

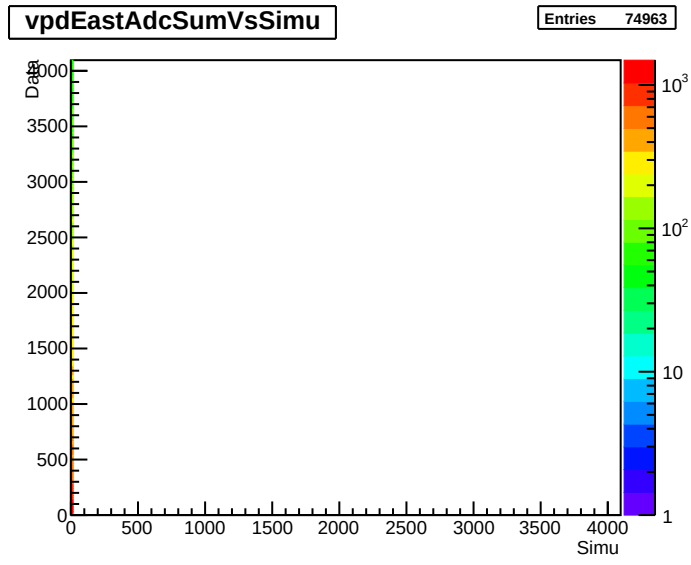

bbcSmallWestTacMax
Entries 112343

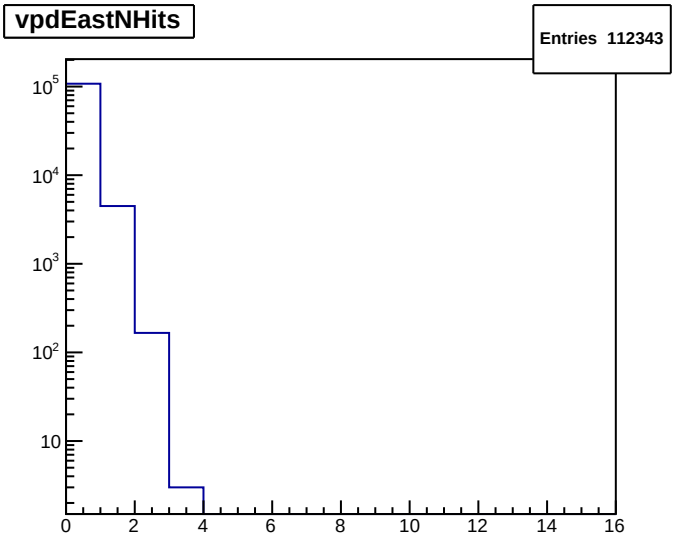

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

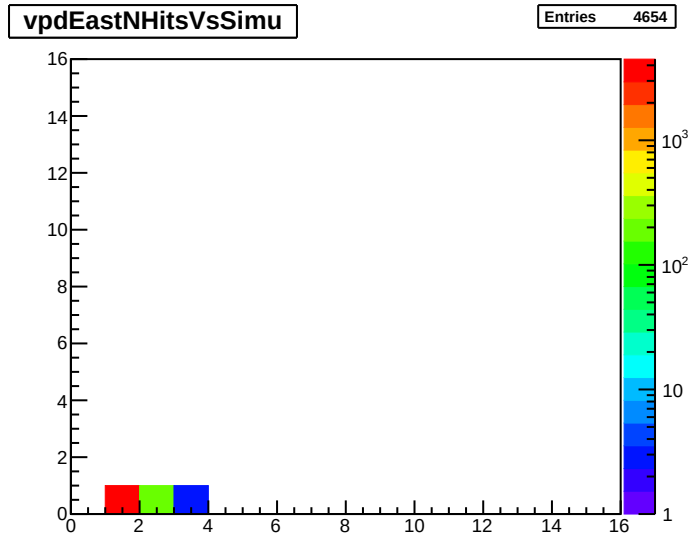

bbcLargeHit
Entries 224686
1
0
96384
94750
15959
17593
E-Hit
W-Hit

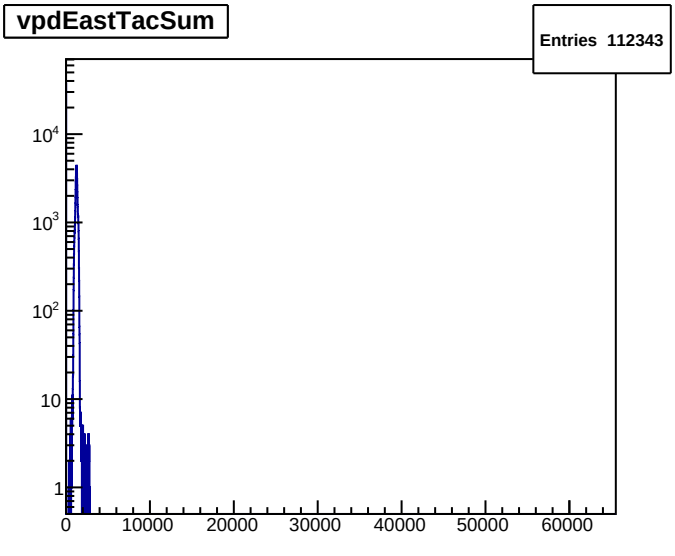

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

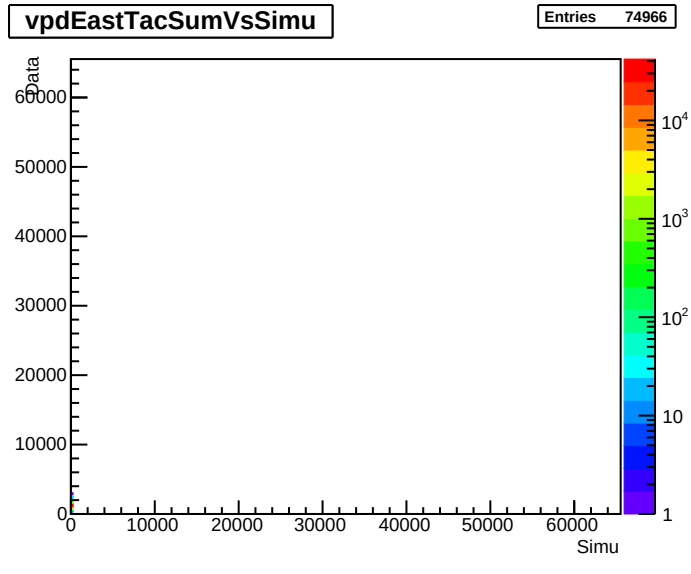

vpdEastAdcSum
Entries 112343

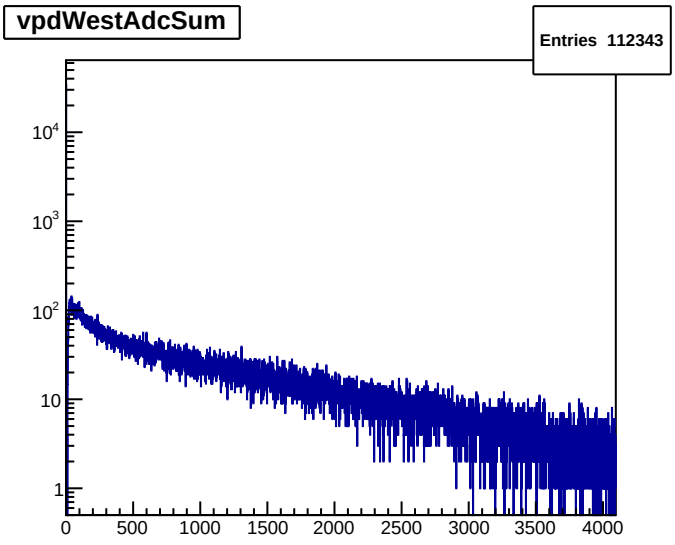

vpdEastAdcSumVsSimu
Entries 74963
Data
Simu

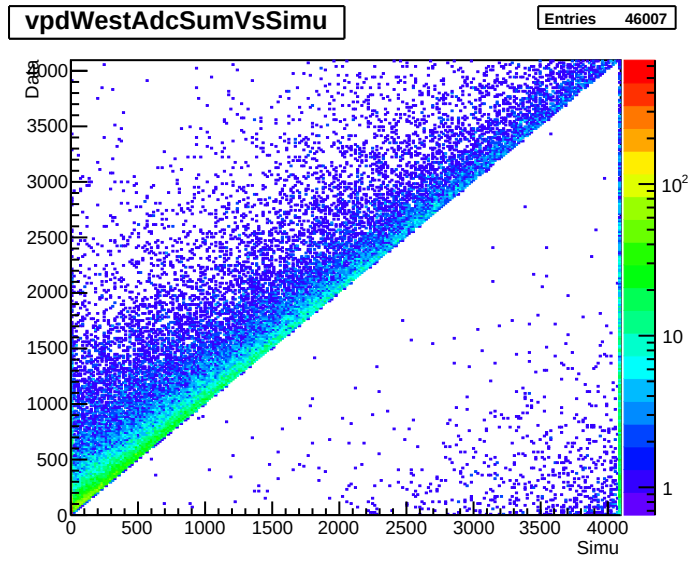

vpdEastNHits
Entries 112343

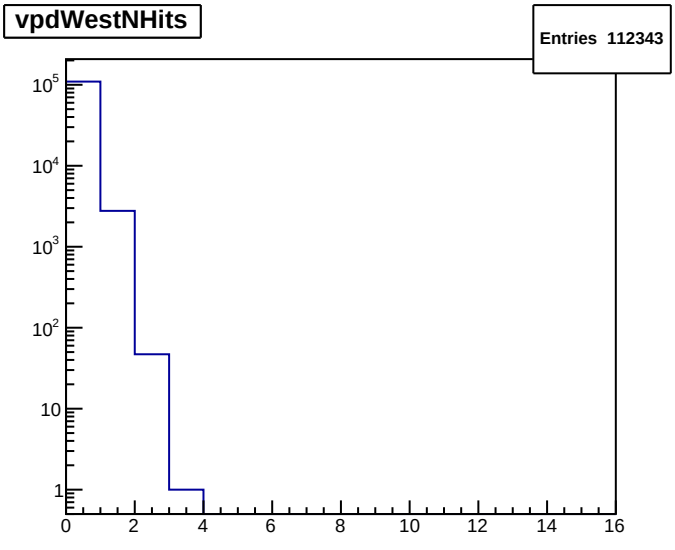

vpdEastNHitsVsSimu
Entries 4654

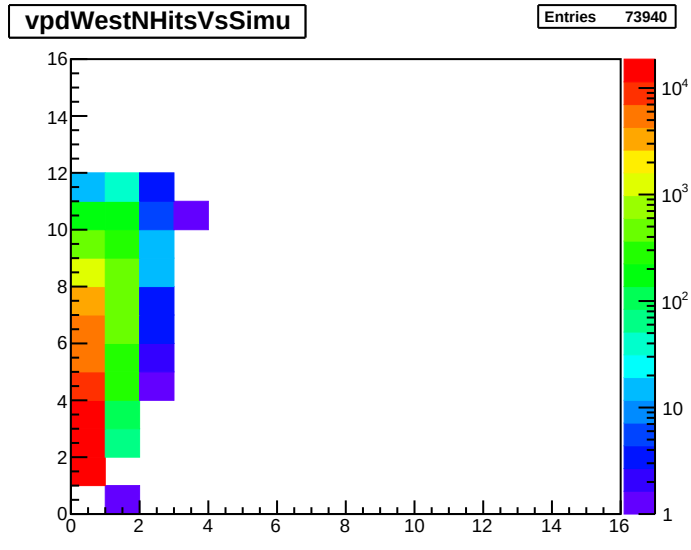

vpdEastTacSum
Entries 112343

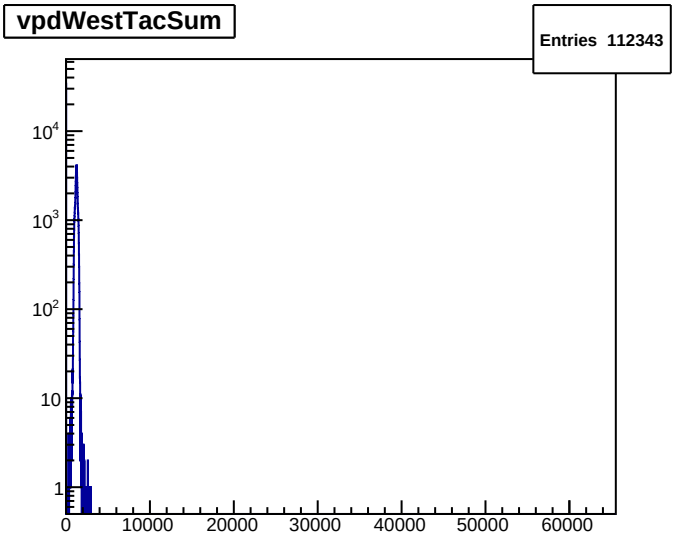

vpdEastTacSumVsSimu
Entries 74966
Data
Simu

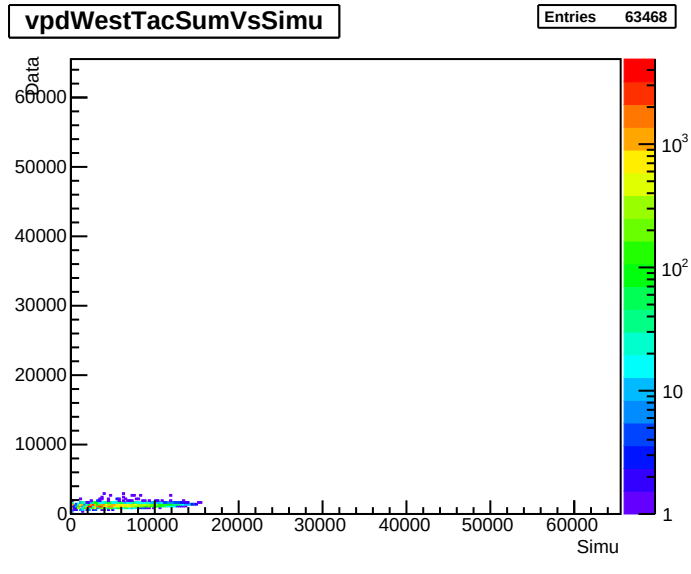

vpdWestAdcSum
Entries 112343

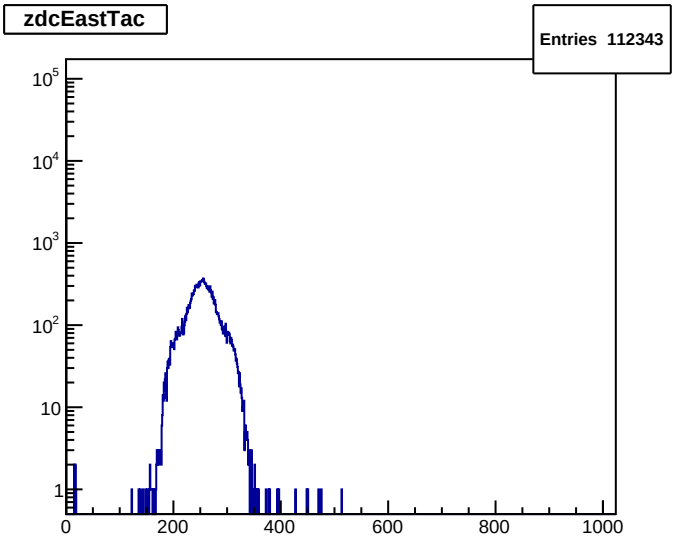

vpdWestAdcSumVsSimu
Entries 46007
Data
Simu

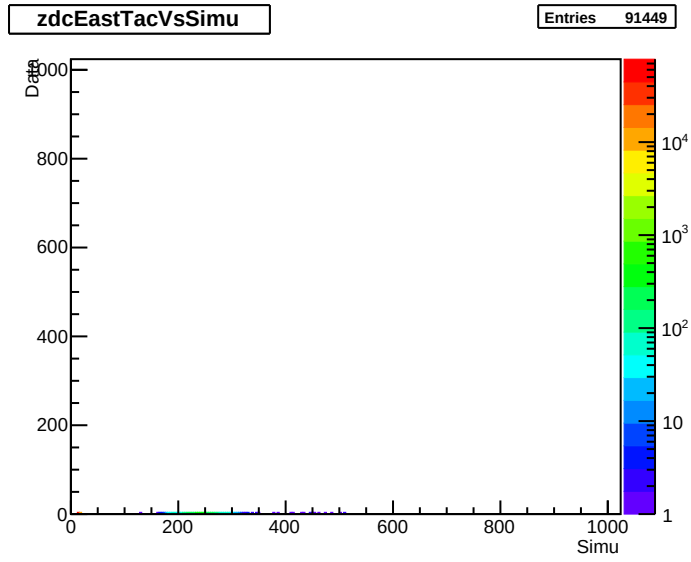

vpdWestNHits
Entries 112343

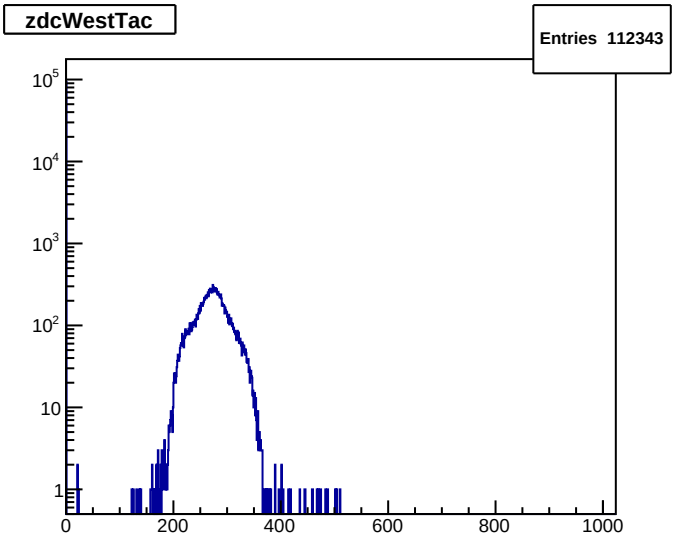

vpdWestNHitsVsSimu
Entries 73940

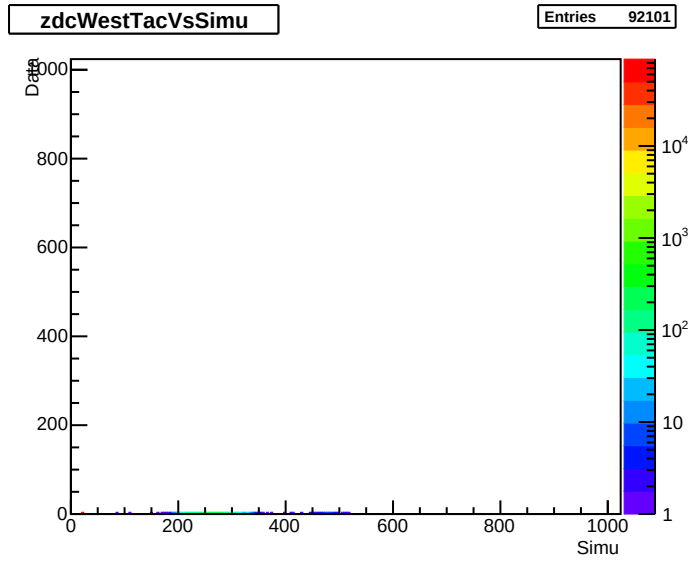

vpdWestTacSum
Entries 112343

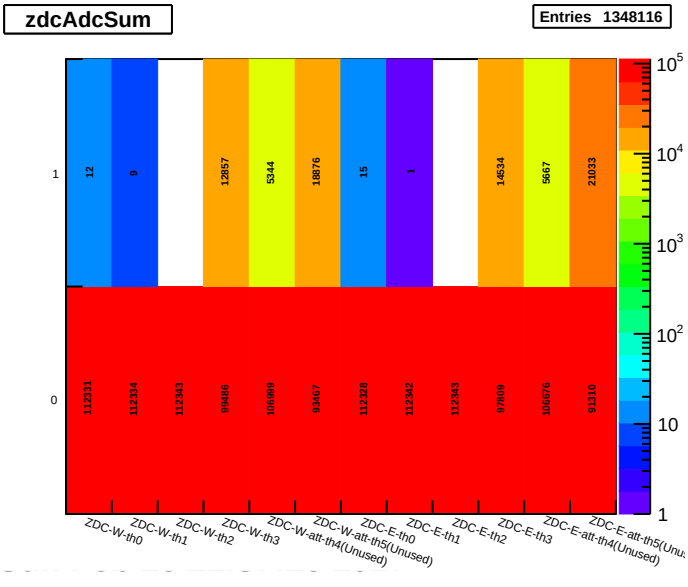

vpdWestTacSumVsSimu
Entries 63468
Data
Simu

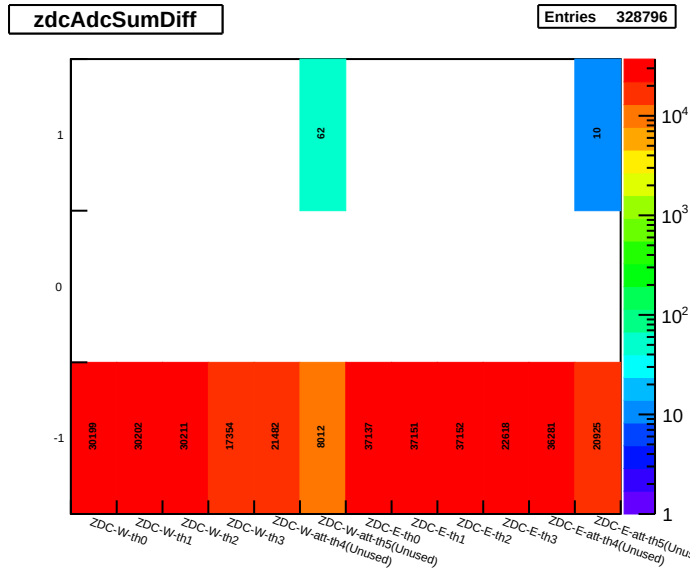

zdcEastTac
Entries 112343

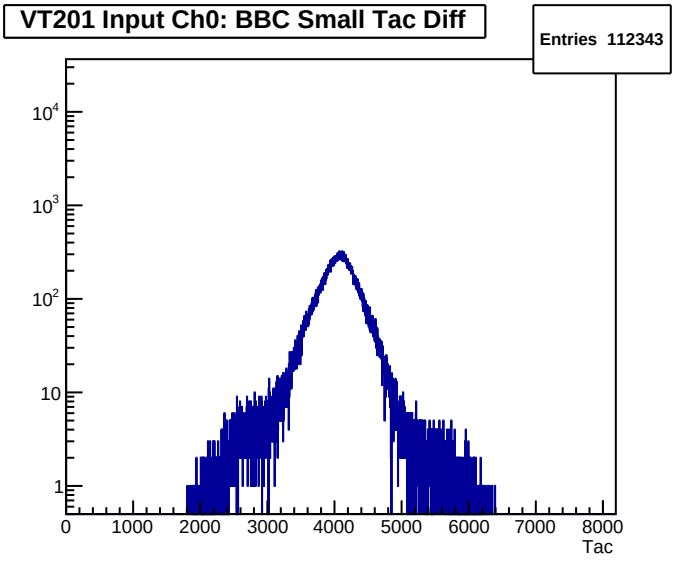

zdcEastTacVsSimu
Entries 91449
Data
Simu

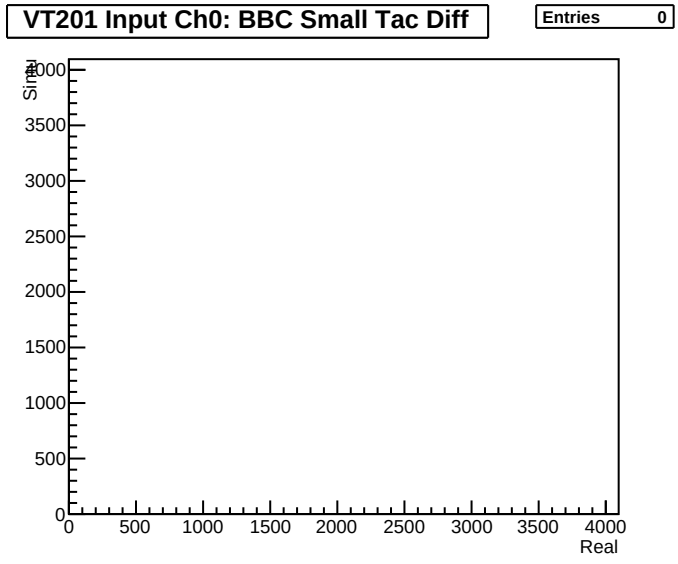

zdcWestTac
Entries 112343

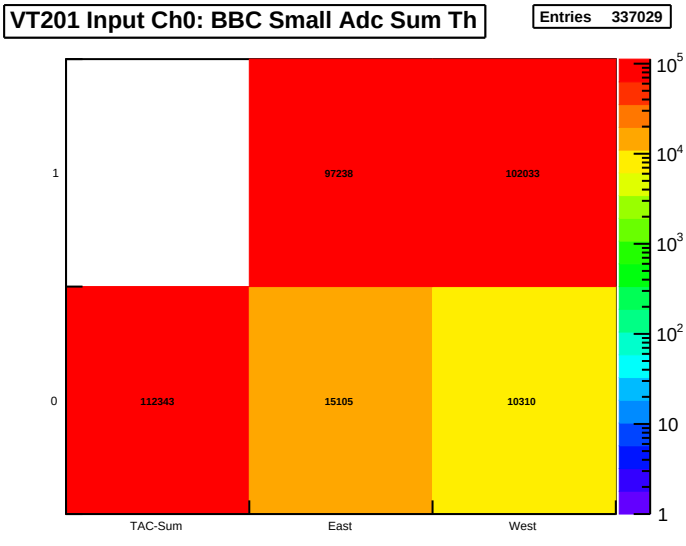

zdcWestTacVsSimu
Entries 92101
Data
Simu

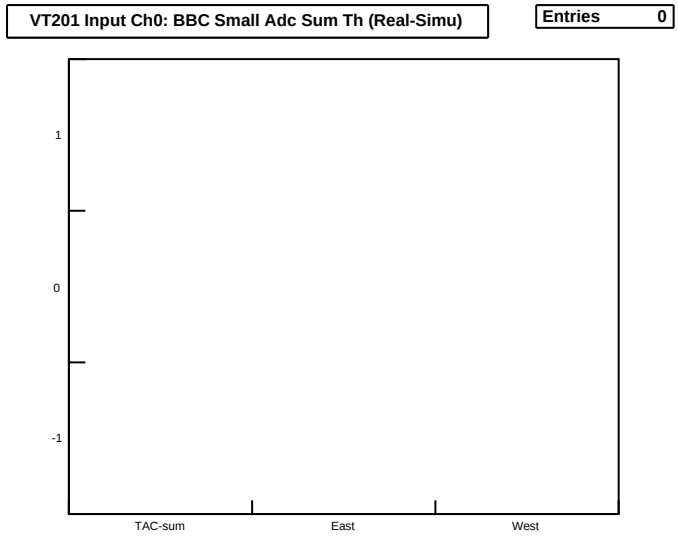

zdcAdcSum
Entries 1348116
12
9
12857
5344
18876
15
1
14634
5667
21033
112331
112334
112343
99486
106999
93467
112328
112342
112343
97809
106676
91310
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

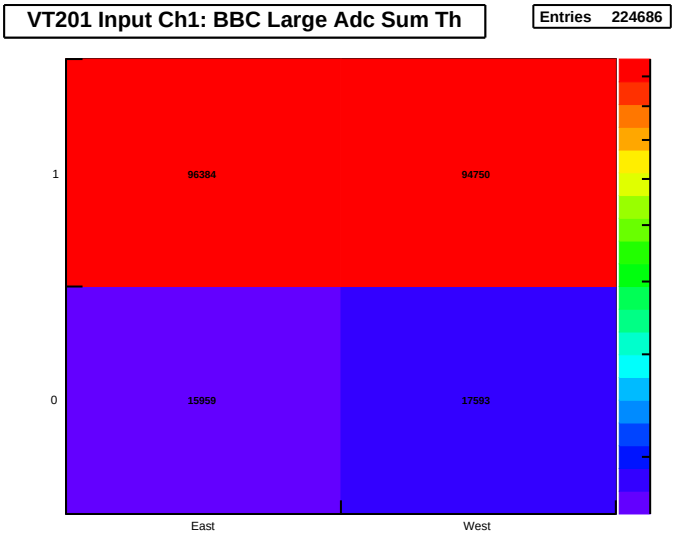

zdcAdcSumDiff
Entries 328796
62
10
30199
30202
30211
17354
21482
8012
37137
37151
37152
22618
36281
20925
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

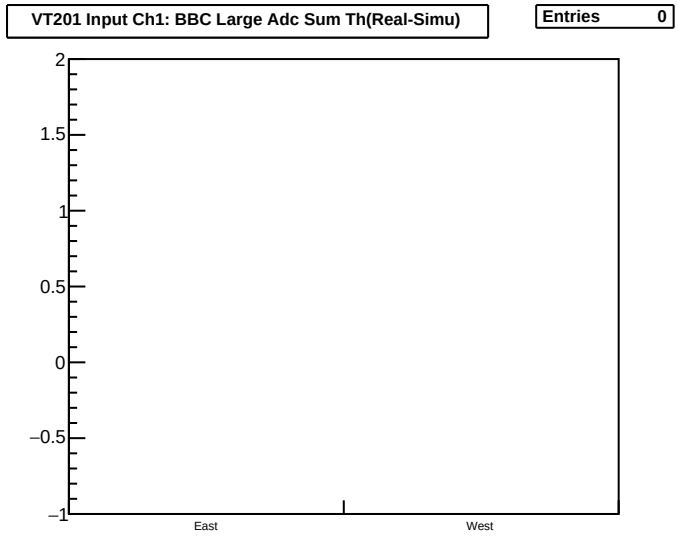

VT201 Input Ch0: BBC Small Tac Diff
Entries 112343
Tac


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

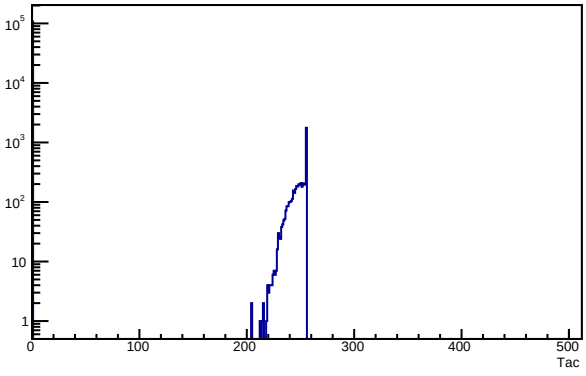

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 337029
97238
102033
112343
15105
10310
TAC-Sum
East
West


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

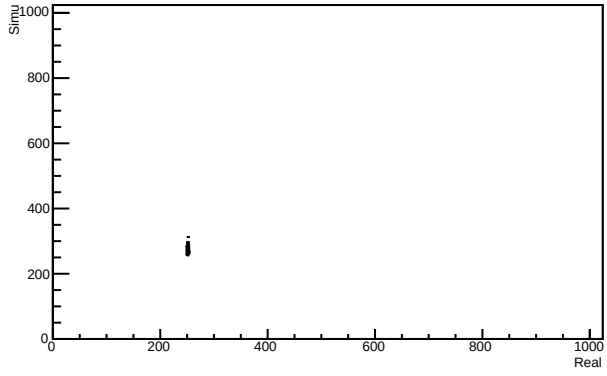

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 224686
96384
94750
15959
17593
East
West


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

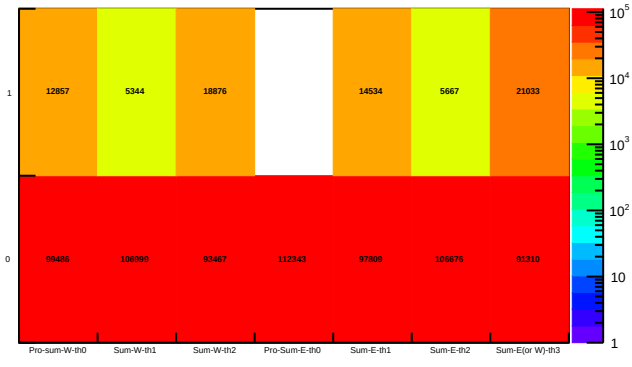
VT201 Input Ch2: ZDC Tac Diff



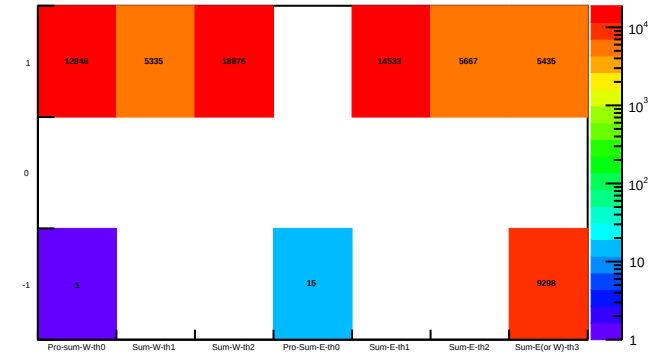
VT201 Input Ch2: ZDC Tac Diff



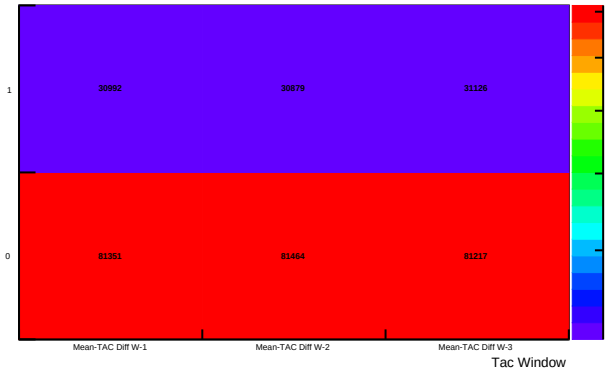
VT201 Input Ch2: ZDC Adc Sum Th



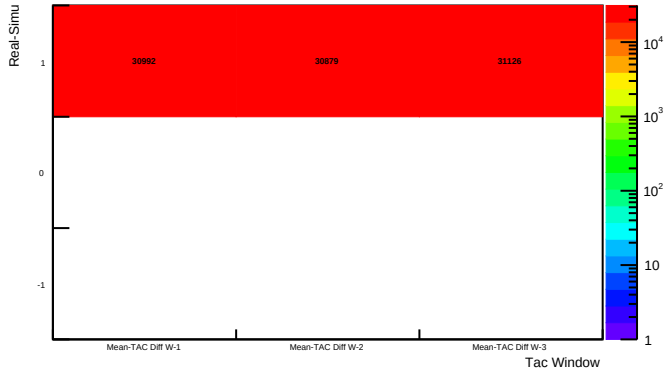
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



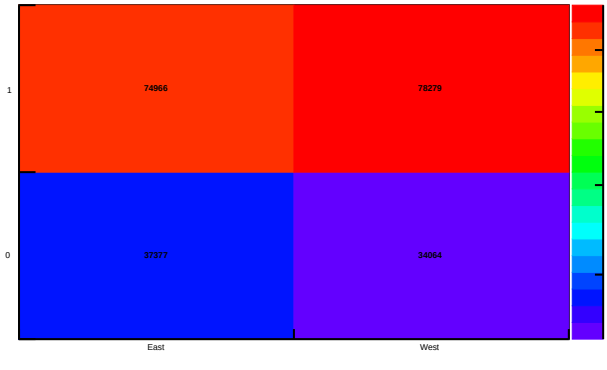
VT201 Input Ch4: VPD Tac Diff



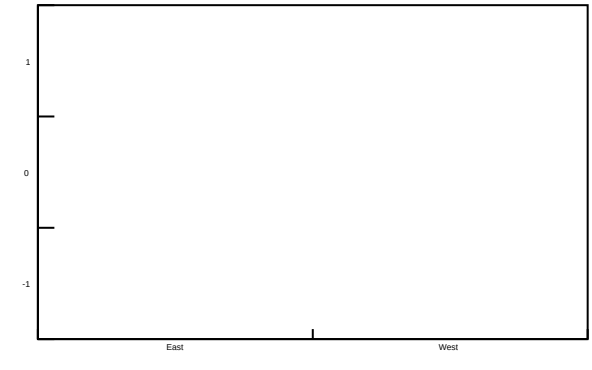
VT201 Input Ch4: VPD Tac Diff

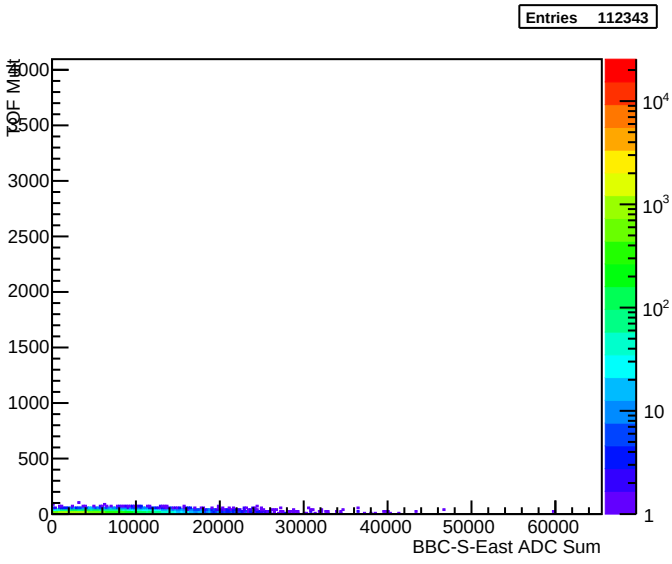


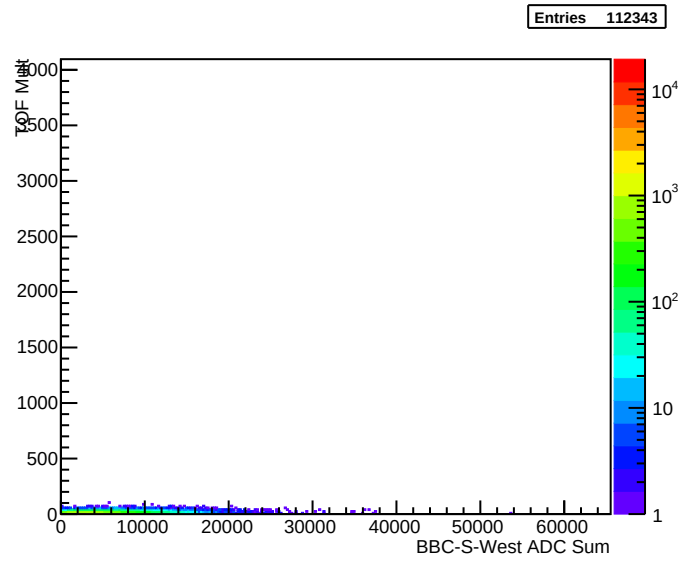
VT201 Input Ch4: VPD Adc Sum Th

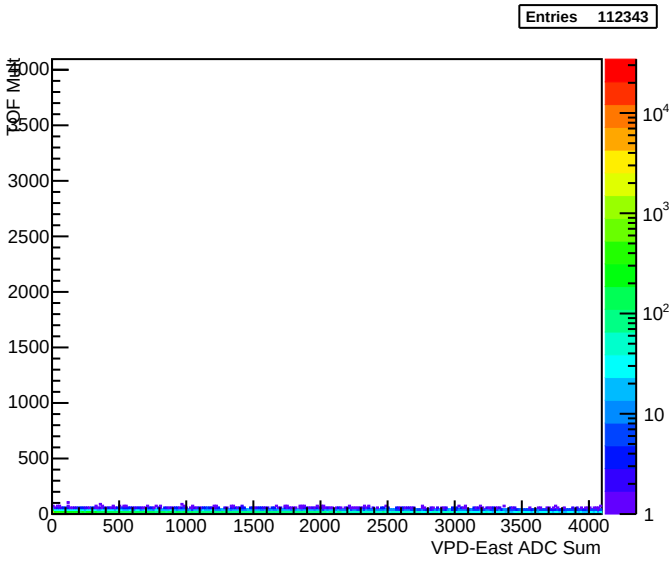


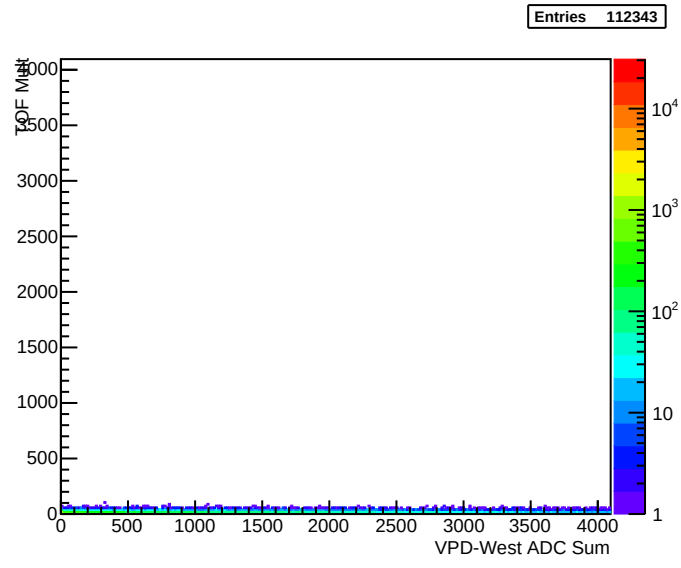
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

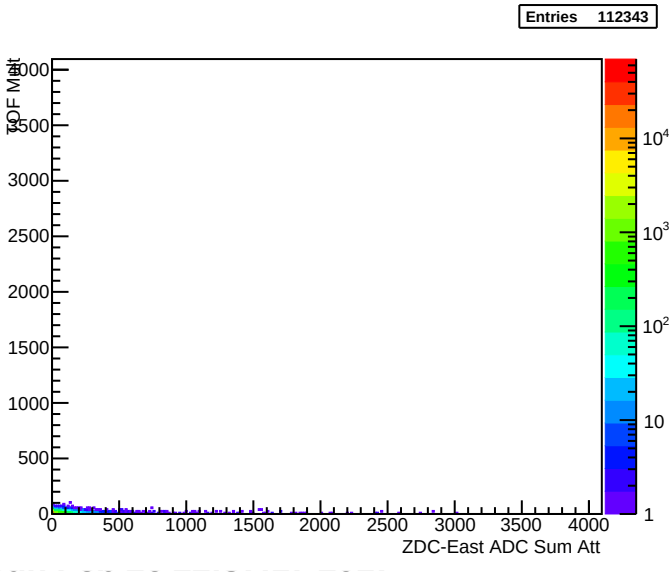


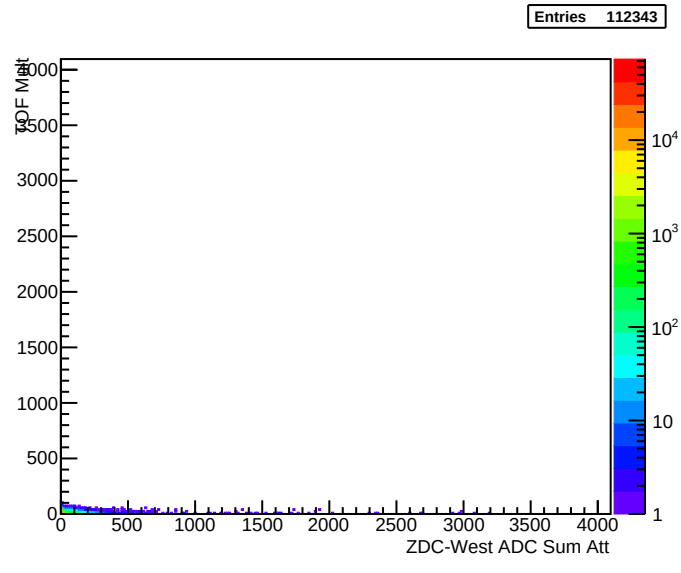

Entries 112343
TOF Mult
BBC-S-East ADC Sum

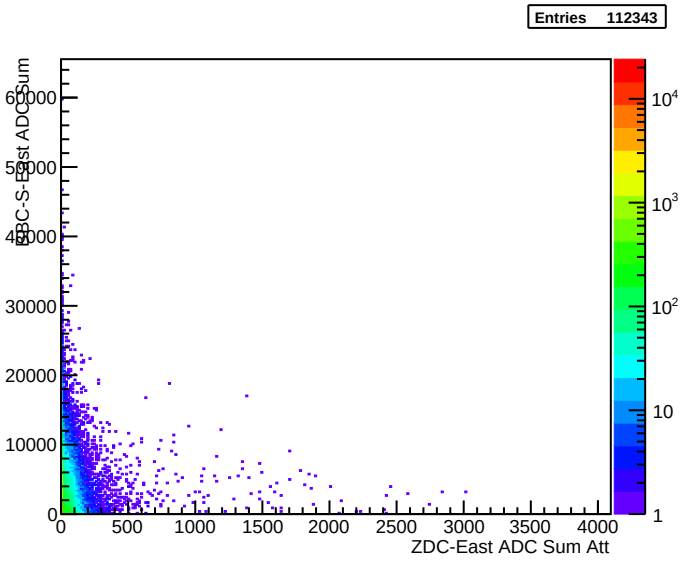

Entries 112343
TOF Mult
BBC-S-West ADC Sum

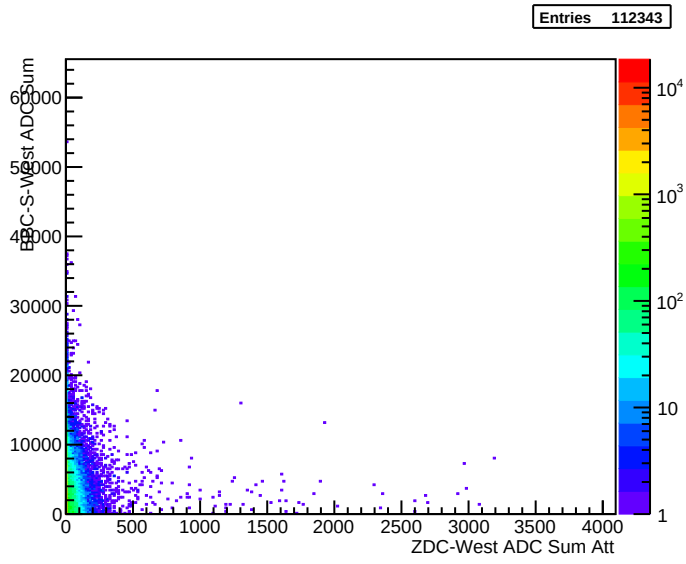

Entries 112343
TOF Mult
VPD-East ADC Sum

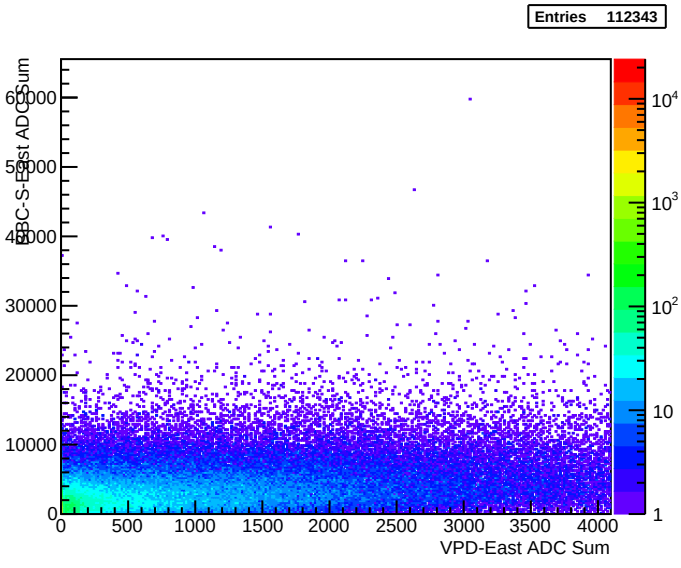

Entries 112343
TOF Mult
VPD-West ADC Sum

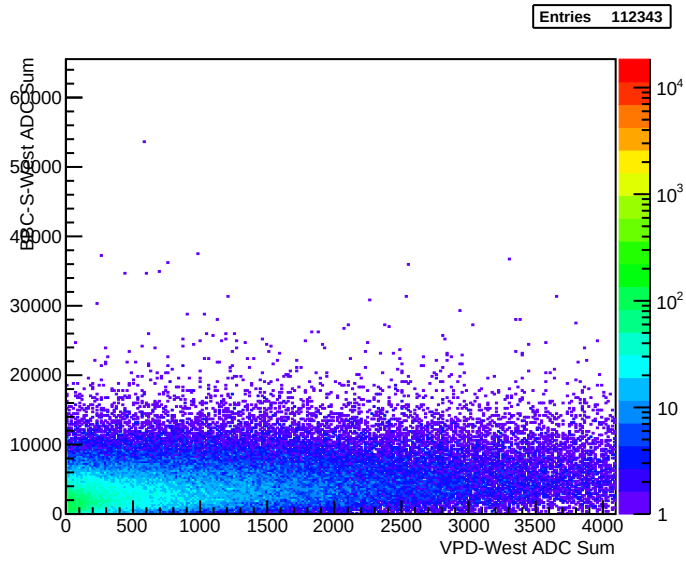

Entries 112343
TOF Mult
ZDC-East ADC Sum Att

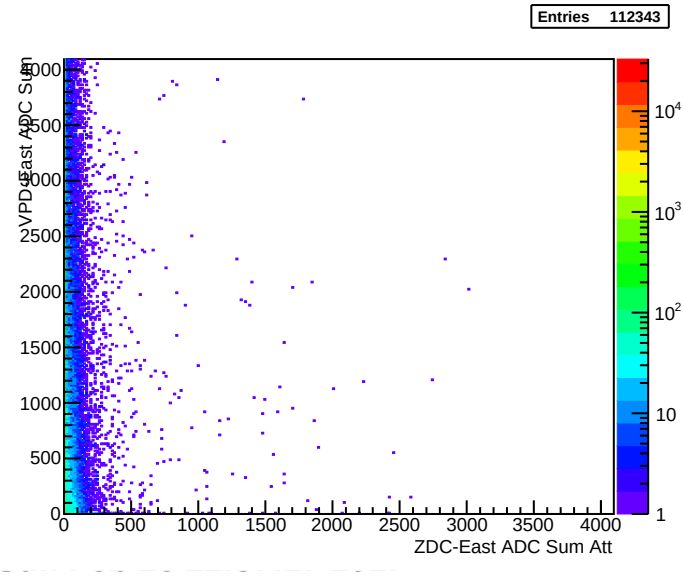

Entries 112343
TOF Mult
ZDC-West ADC Sum Att

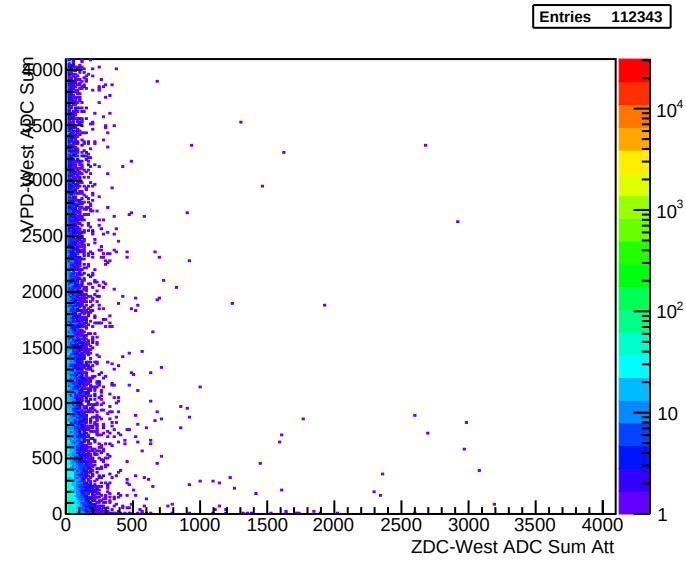

Entries 112343
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

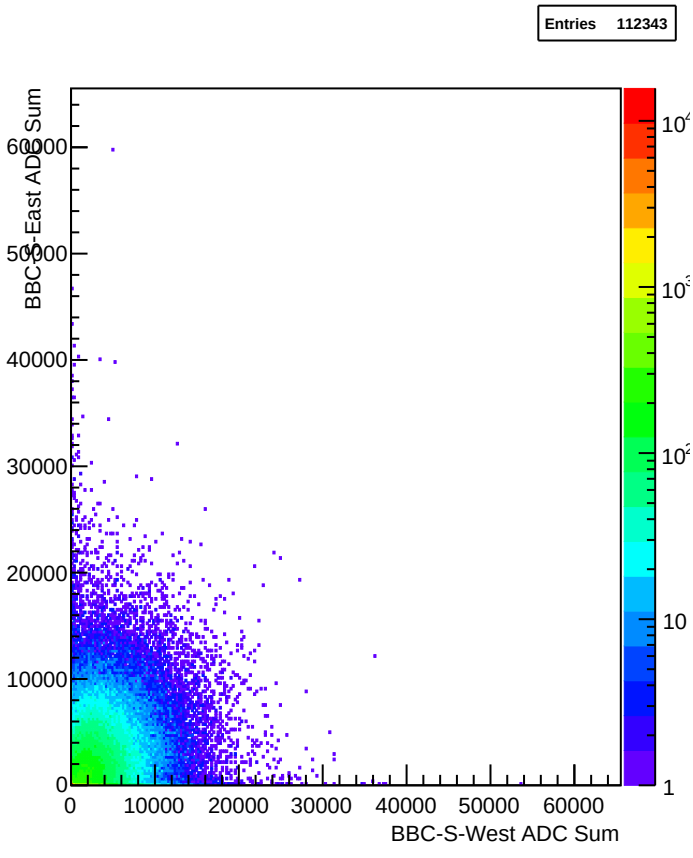

Entries 112343
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

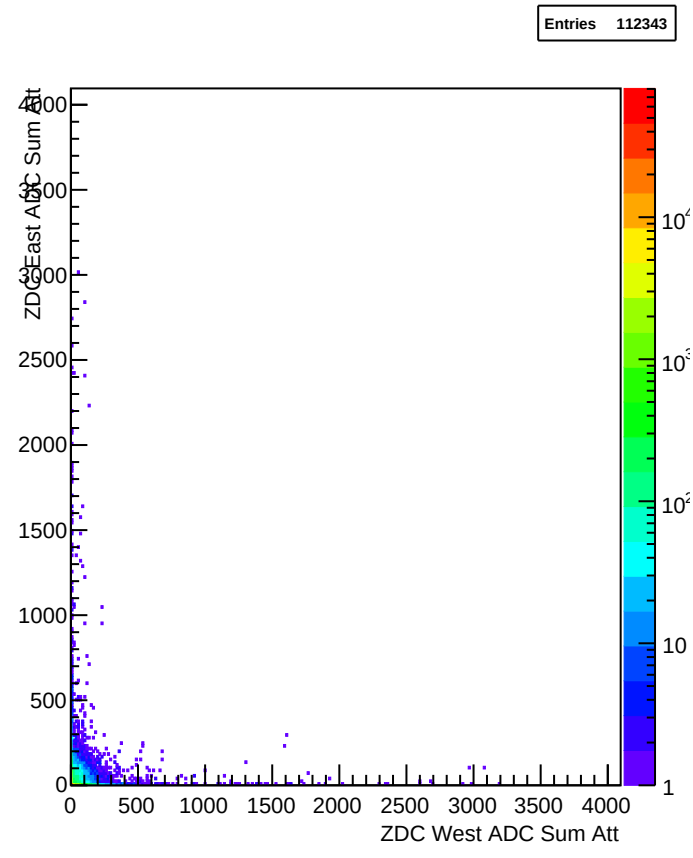

Entries 112343
BBC-S-East ADC Sum
VPD-East ADC Sum

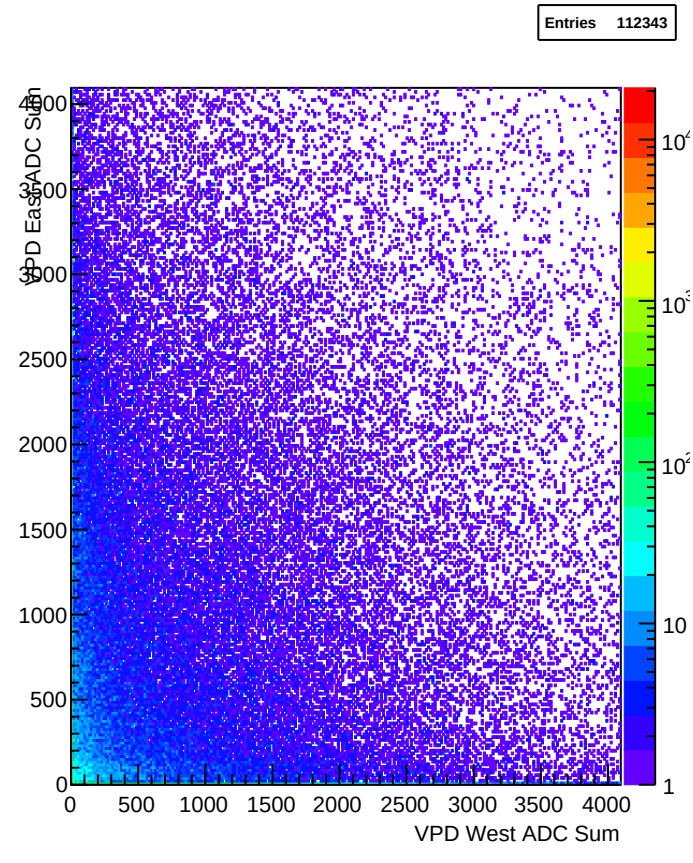

Entries 112343
BBC-S-West ADC Sum
VPD-West ADC Sum

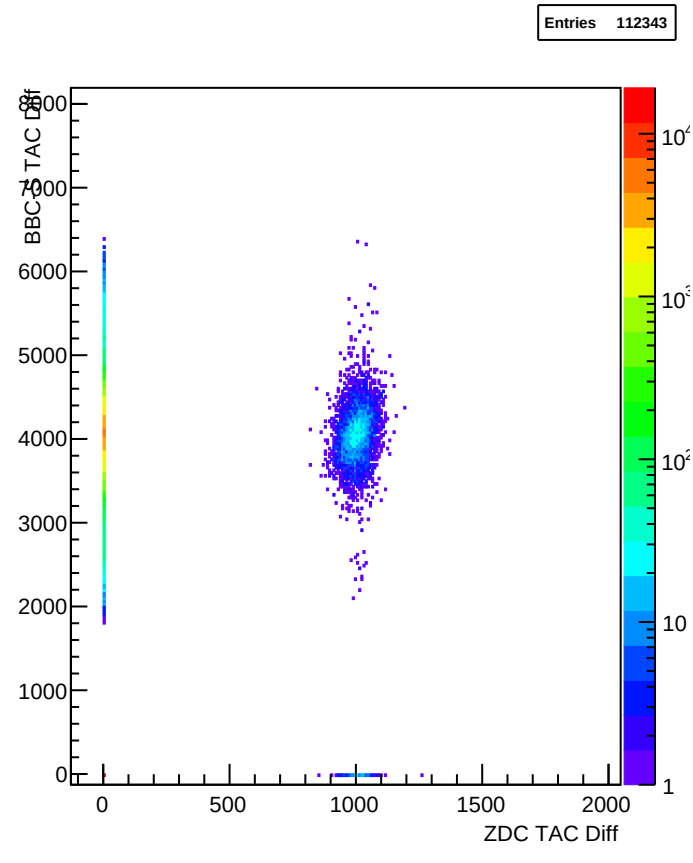

Entries 112343
VPD-East ADC Sum
ZDC-East ADC Sum Att

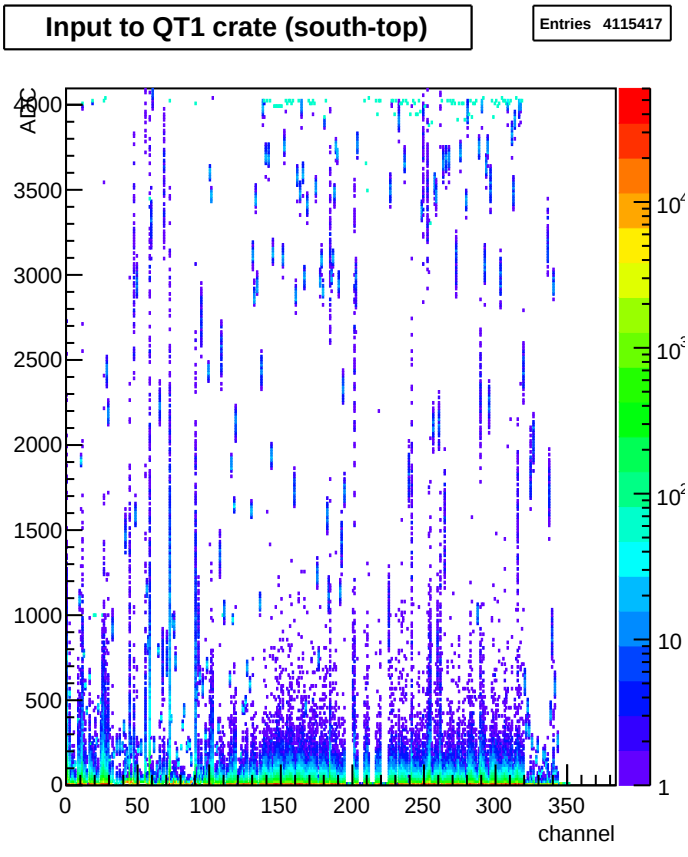

Entries 112343
VPD-West ADC Sum
ZDC-West ADC Sum Att

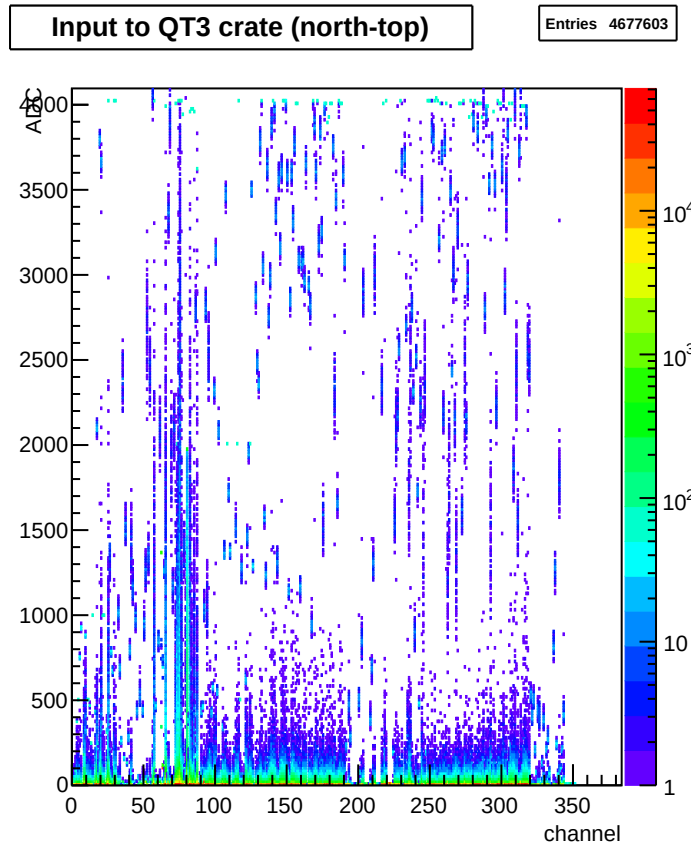

Entries 112343
BBC-S-East ADC Sum
BBC-S-West ADC Sum

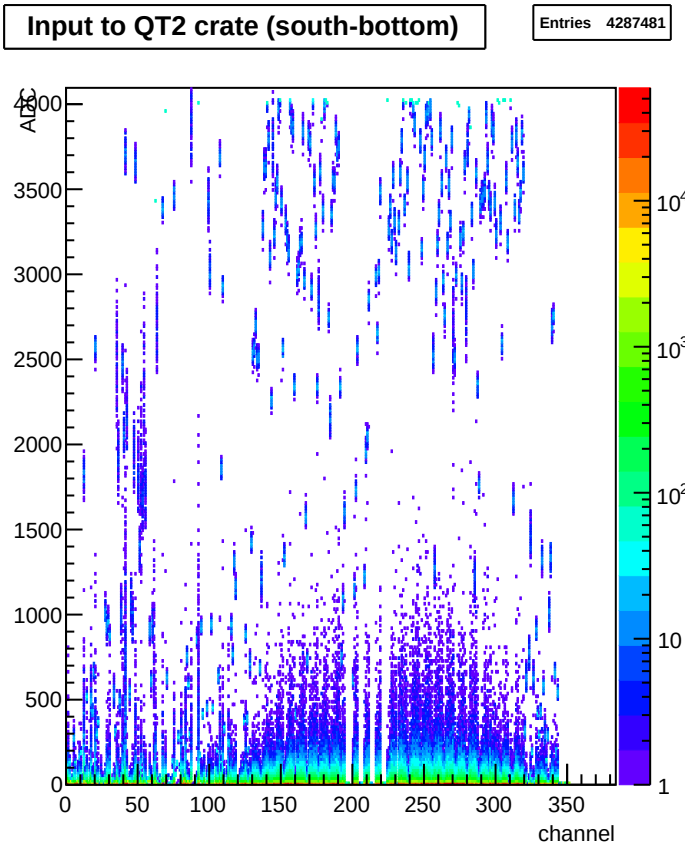

Entries 112343
ZDC East ADC Sum Att
ZDC West ADC Sum Att

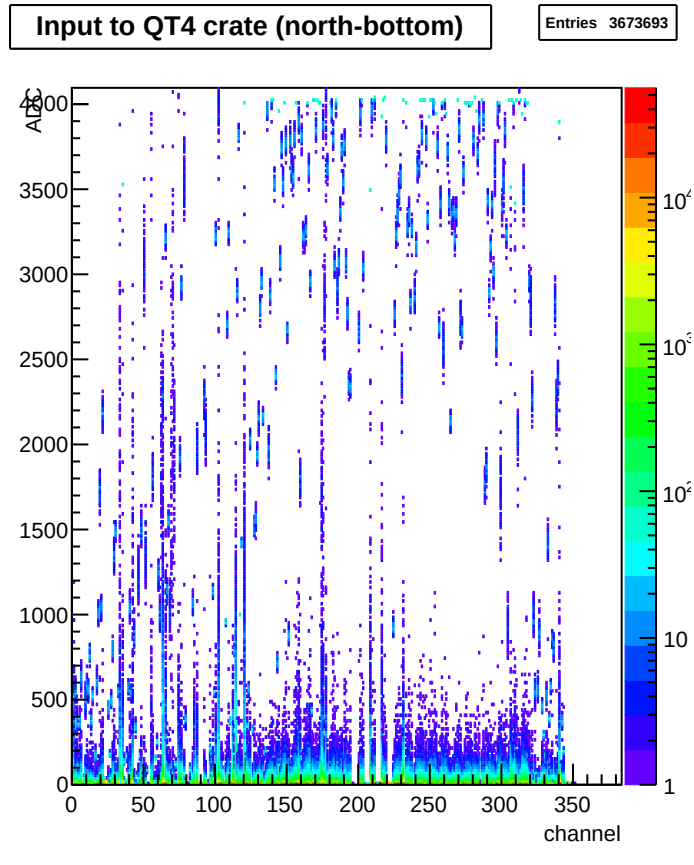

Entries 112343
VPD East ADC Sum
VPD West ADC Sum

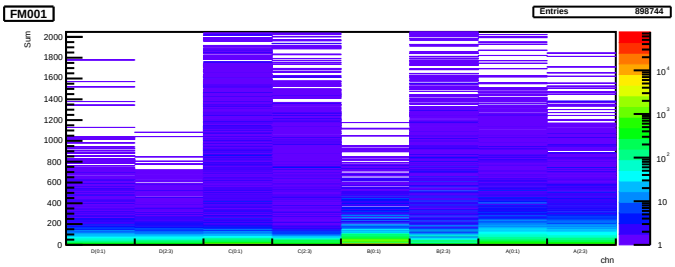

Entries 112343
BBC-S TAC Diff
ZDC TAC Diff

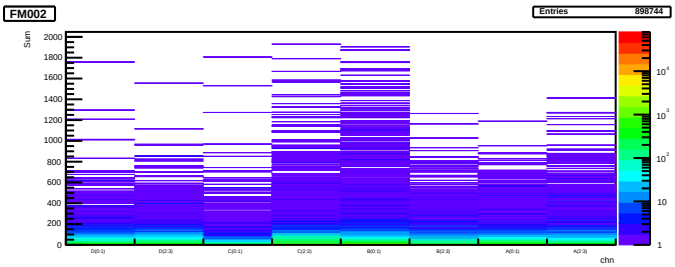

Input to QT1 crate (south-top)
Entries 4115417
ADC
channel

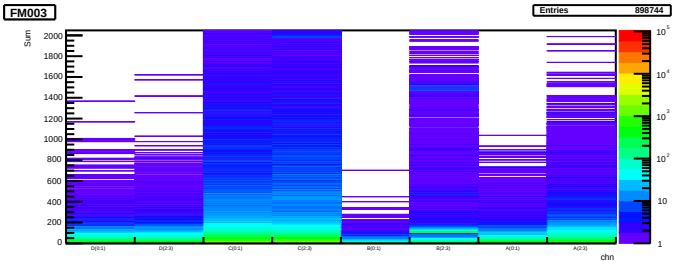

Input to QT3 crate (north-top)
Entries 4677603
ADC
channel

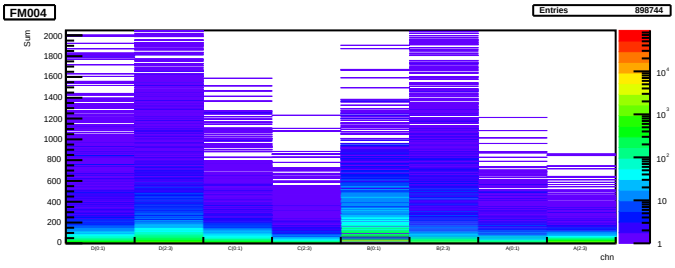

Input to QT2 crate (south-bottom)
Entries 4287481
ADC
channel

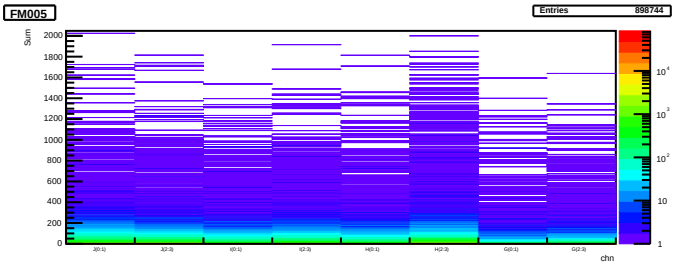

Input to QT4 crate (north-bottom)
Entries 3673693
ADC
channel

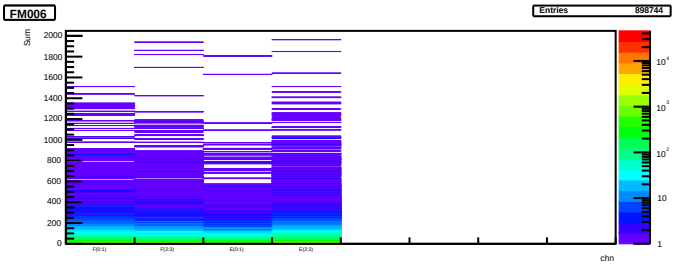

FM001
Entries 898744
Sum
chn

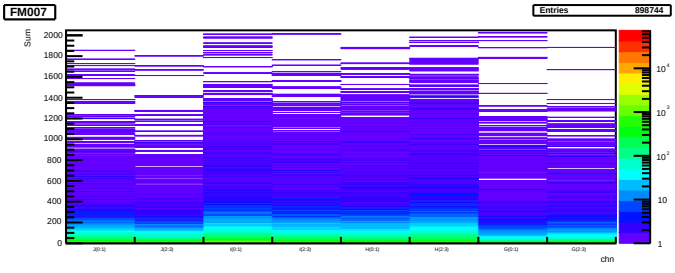

FM002
Entries 898744
Sum
chn

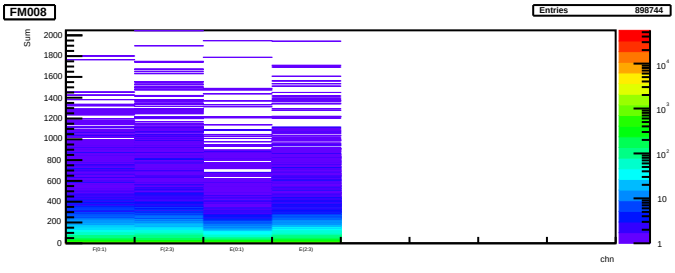

FM003
Entries 898744
Sum
chn

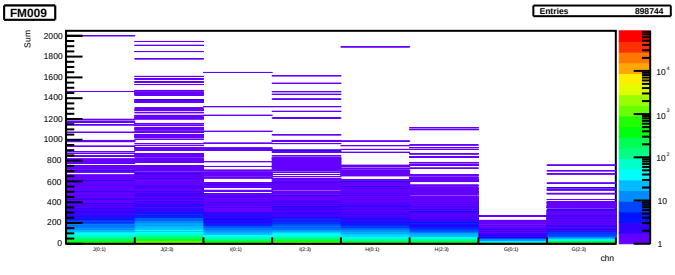

FM004
Entries 898744
Sum
chn

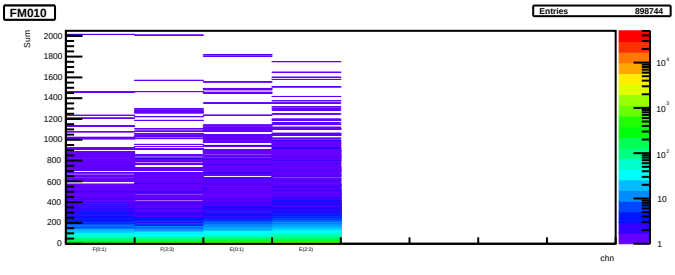

FM005
Entries 898744
Sum
chn

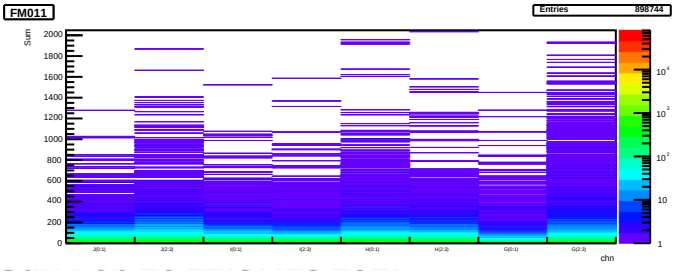

FM006
Entries 898744
Sum
chn

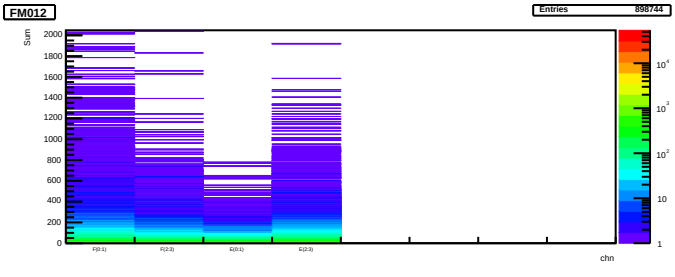

FM007
Entries 898744
Sum
chn

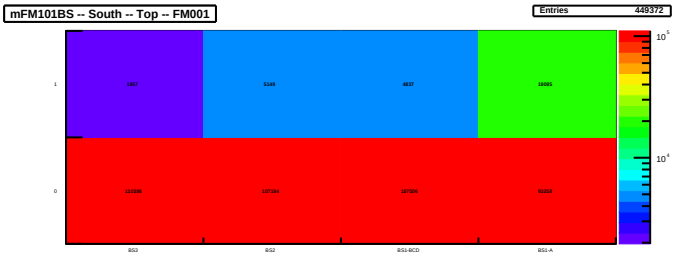

FM008
Entries 898744
Sum
chn

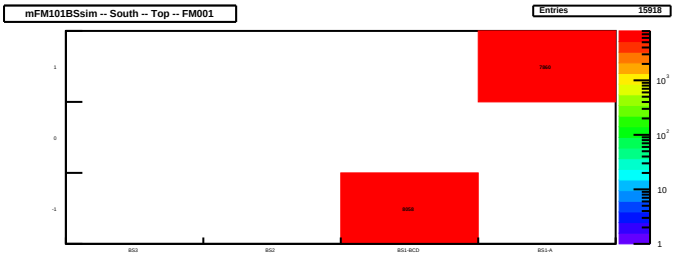

FM009
Entries 898744
Sum
chn

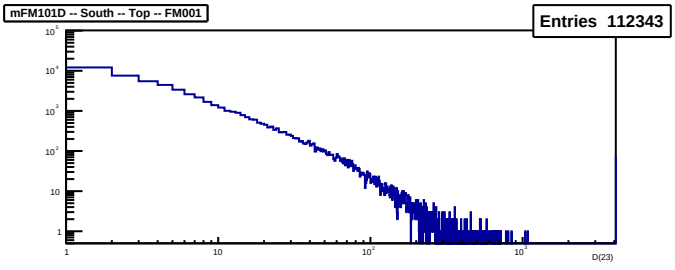

FM010
Entries 898744
Sum
chn

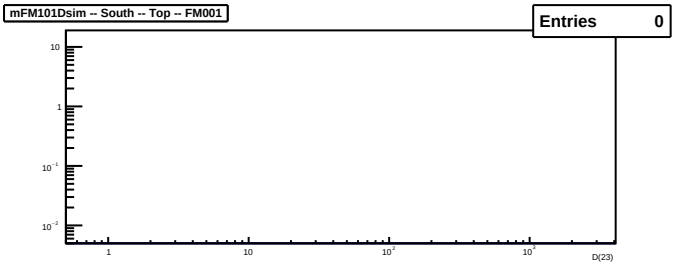

FM011
Entries 898744
Sum
chn

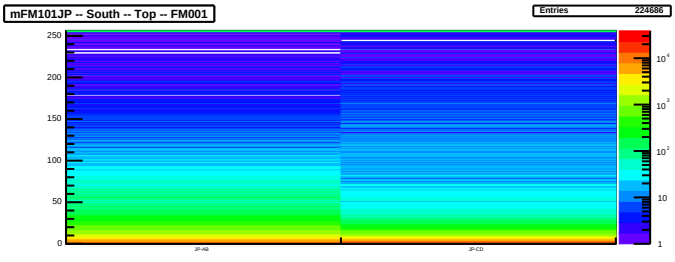

FM012
Entries 898744
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 449372
BS3
BS2
BS1-BCD
BS1-A

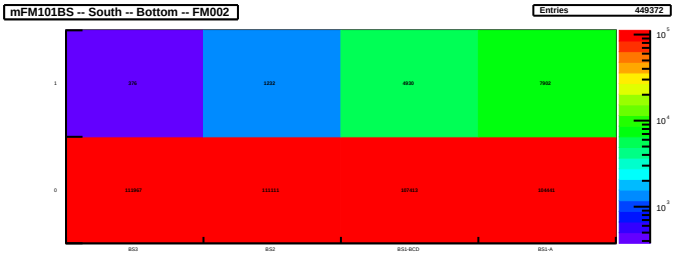

mFM101BSsim -- South -- Top -- FM001
Entries 15918
BS3
BS2
BS1-BCD
BS1-A

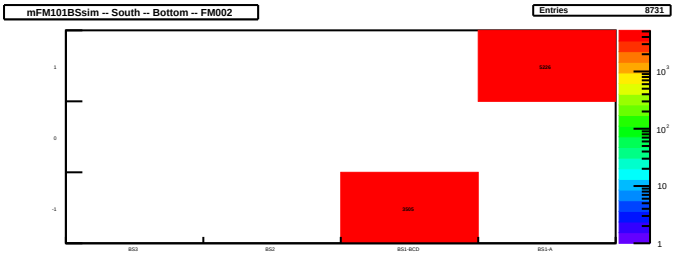

mFM101D -- South -- Top -- FM001
Entries 112343
D(23)

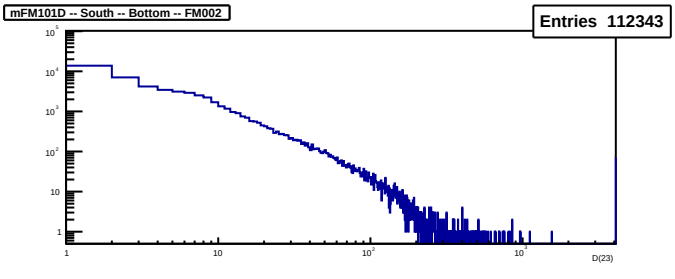

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

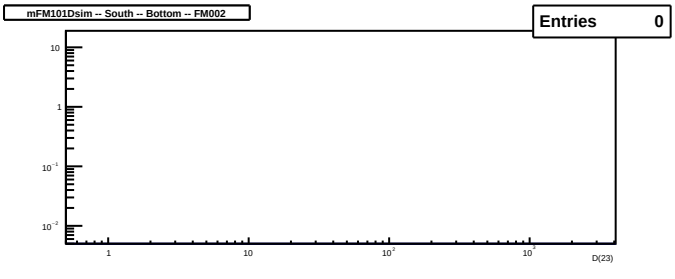

mFM101JP -- South -- Top -- FM001
Entries 224686
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 449372
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Bottom -- FM002
Entries 8731
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 112343
D(23)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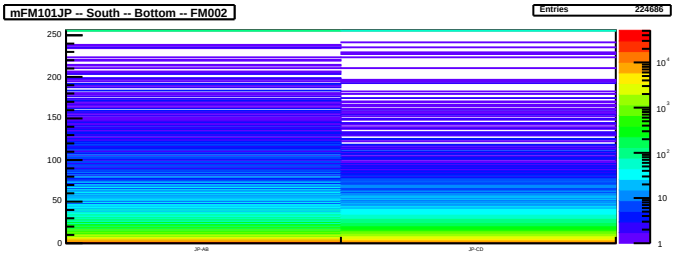
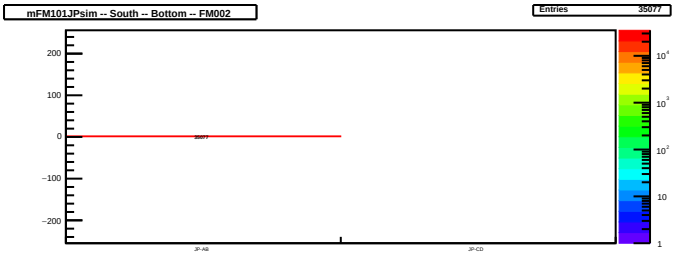
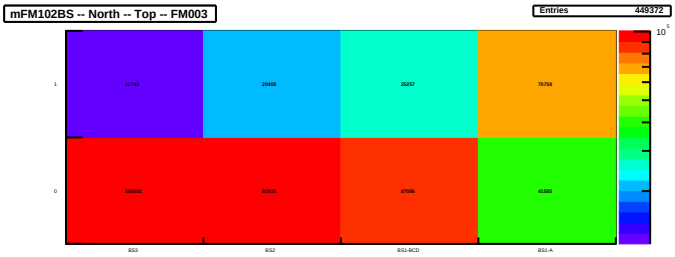
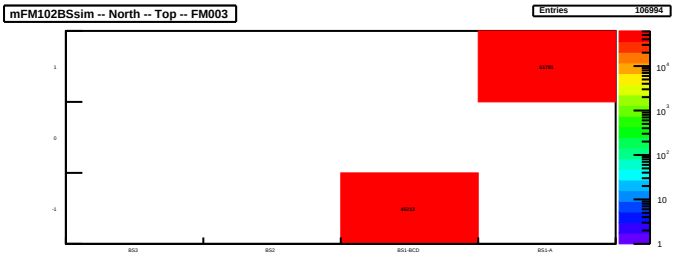
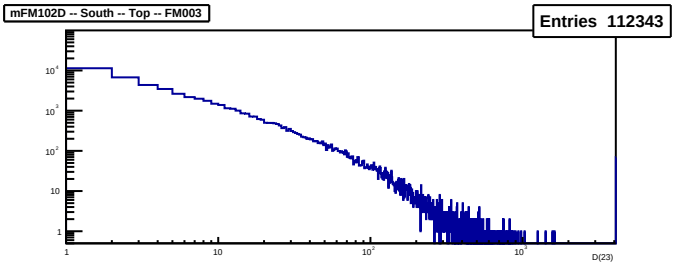
Entries 0
D(23)

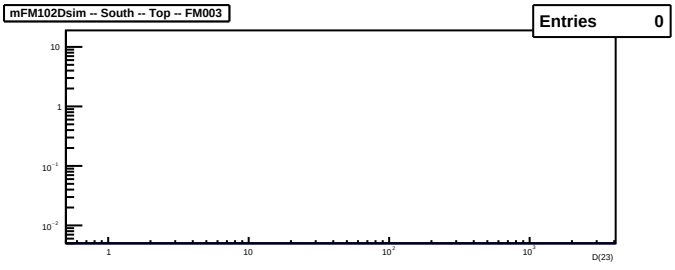

mFM101JP -- South -- Bottom -- FM002
Entries 224686
JP-AB
JP-CD

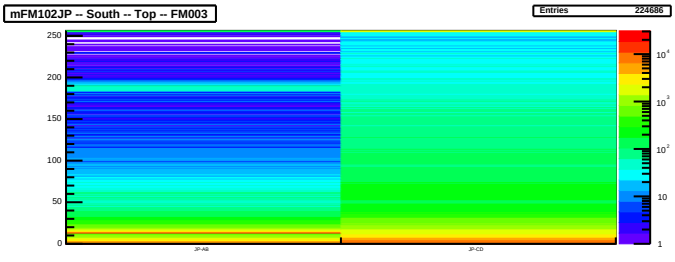

mFM101JPsim -- South -- Bottom -- FM002
Entries 35077
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 449372
BS3
BS2
BS1-BCD
BS1-A

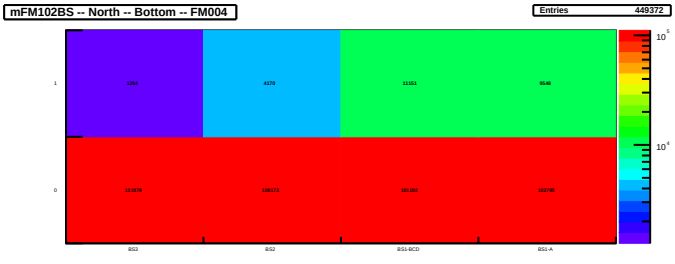

mFM102BSsim -- North -- Top -- FM003
Entries 106994
BS3
BS2
BS1-BCD
BS1-A

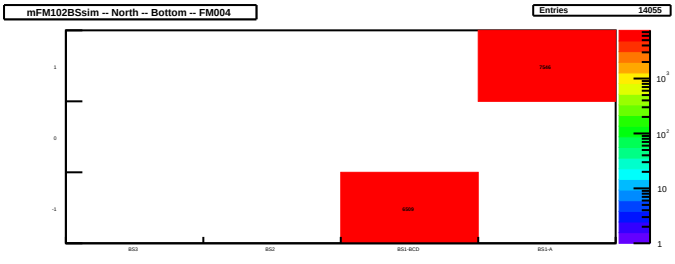

mFM102D -- South -- Top -- FM003
Entries 112343
D(23)

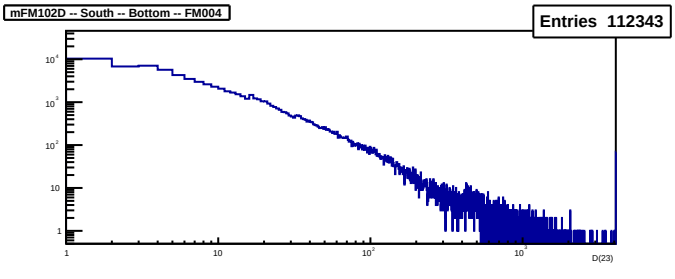

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

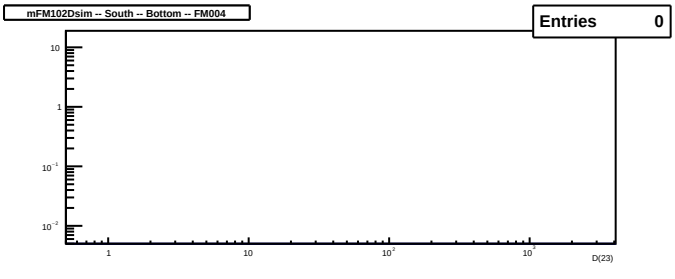

mFM102JP -- South -- Top -- FM003
Entries 224686
JP-AB
JP-CD

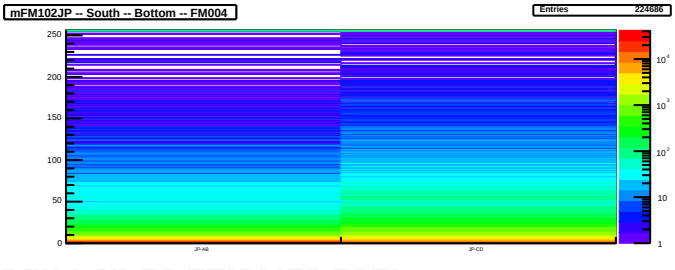
mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD

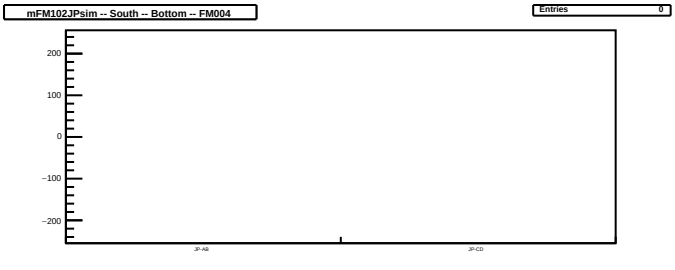

mFM102BS -- North -- Bottom -- FM004
Entries 449372
BS3
BS2
BS1-BCD
BS1-A

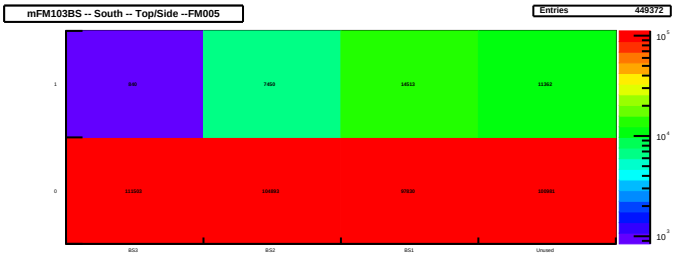

mFM102BSsim -- North -- Bottom -- FM004
Entries 14055
BS3
BS2
BS1-BCD
BS1-A

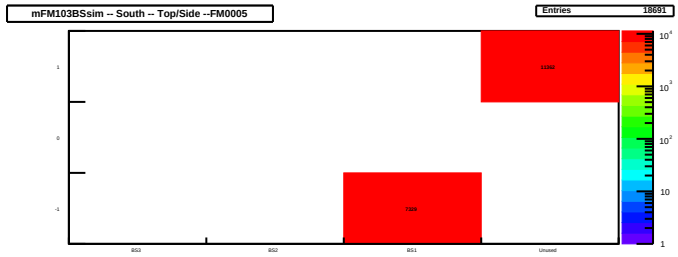

mFM102D -- South -- Bottom -- FM004
Entries 112343
D(23)

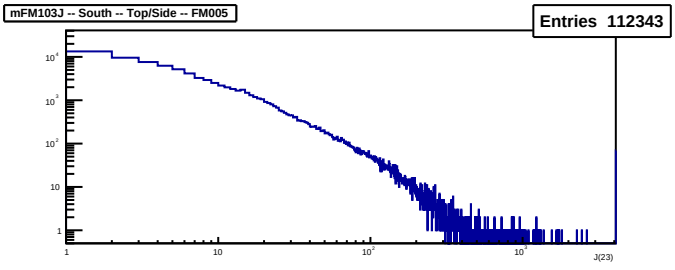

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

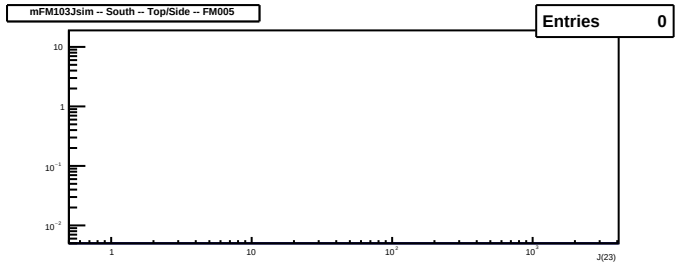

mFM102JP -- South -- Bottom -- FM004
Entries 224686
JP-AB
JP-CD

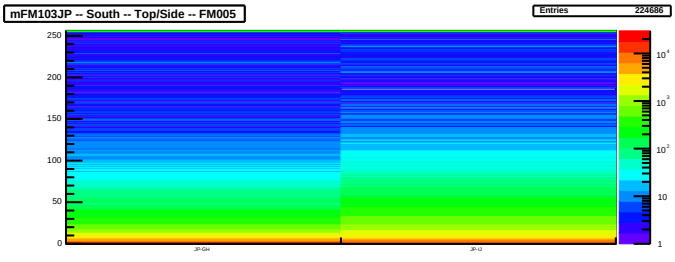

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

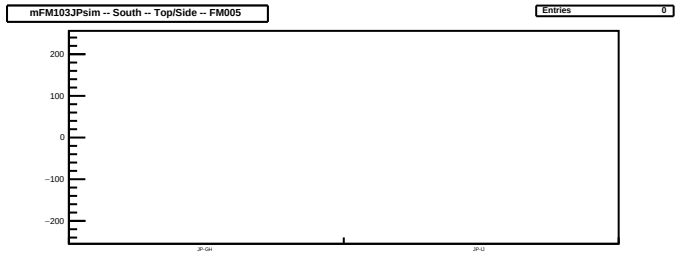

mFM103BS -- South -- Top/Side --FM005
Entries 449372
640
7456
14513
11363
111503
104693
67830
106091
BS3
BS2
BS1
Unused

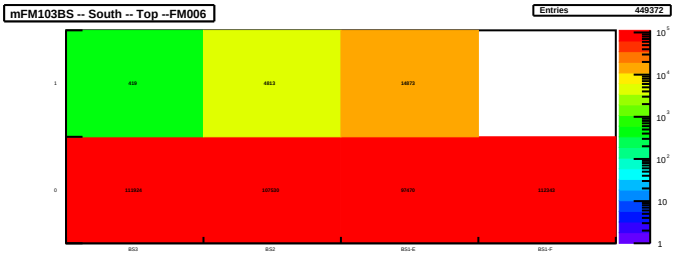

mFM103BSsim -- South -- Top/Side --FM0005
Entries 18691
11362
7329
BS3
BS2
BS1
Unused

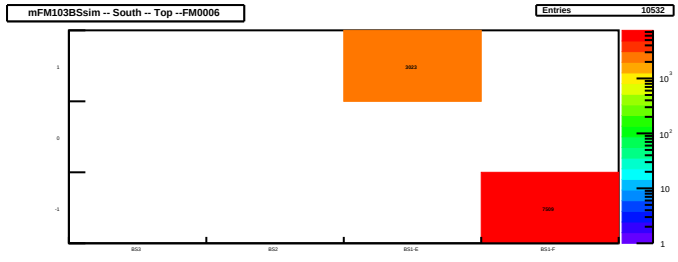

mFM103J -- South -- Top/Side -- FM005
Entries 112343
J(23)

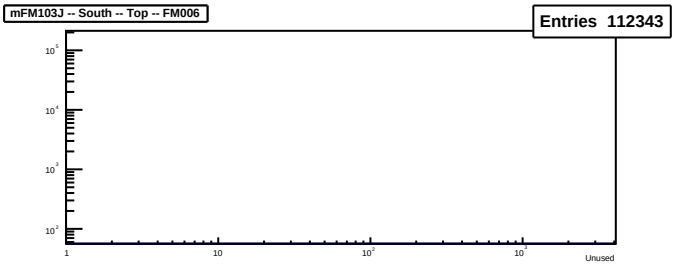

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

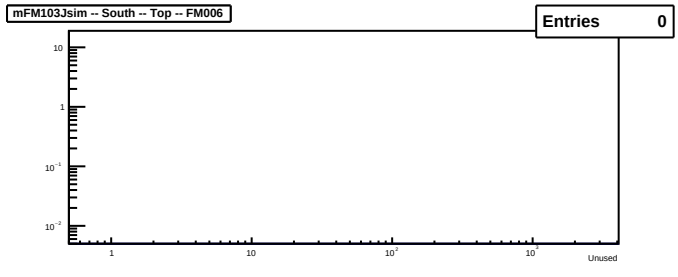

mFM103JP -- South -- Top/Side -- FM005
Entries 224686
JP-GH
JP-IJ

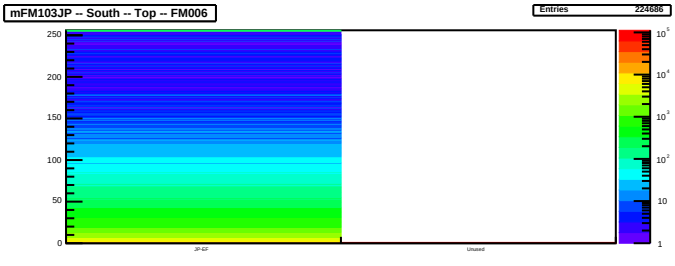

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ

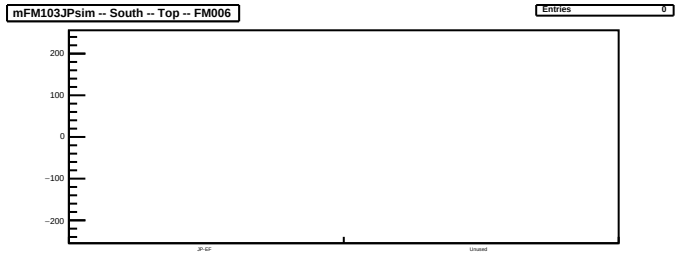

mFM103BS -- South -- Top --FM006
Entries 449372
415
4813
14872
111926
107530
67470
112343
BS3
BS2
BS1-E
BS1-F

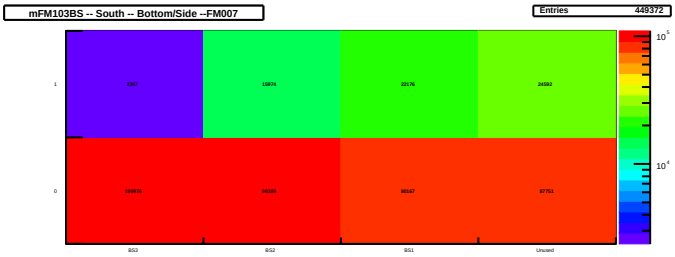

mFM103BSsim -- South -- Top --FM0006
Entries 10532
3023
7509
BS3
BS2
BS1-E
BS1-F

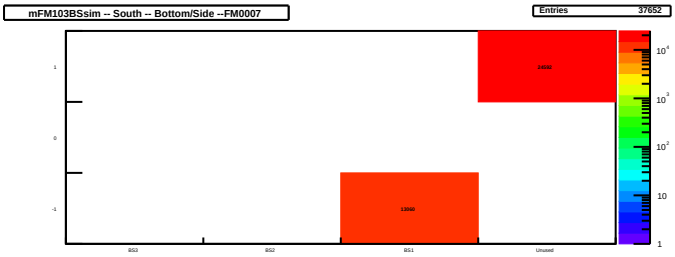

mFM103J -- South -- Top -- FM006
Entries 112343
Unused

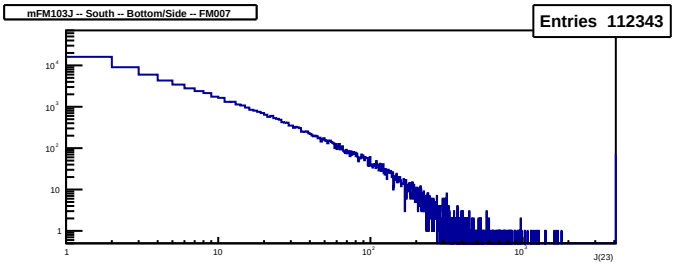

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

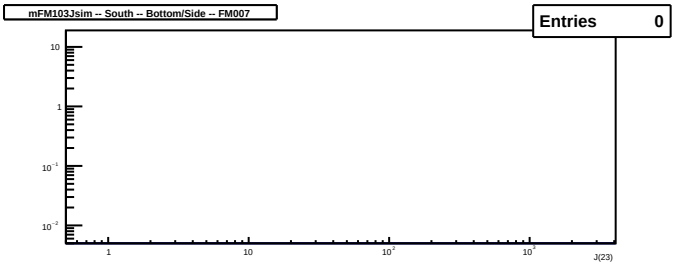

mFM103JP -- South -- Top -- FM006
Entries 224686
JP-EF
Unused

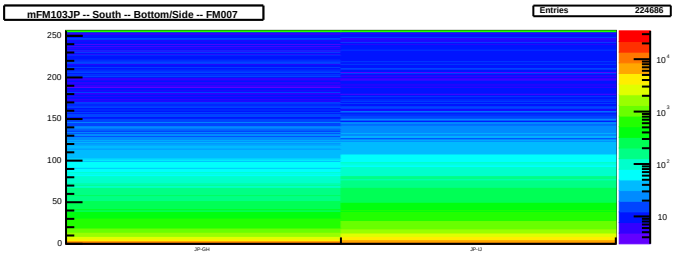

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

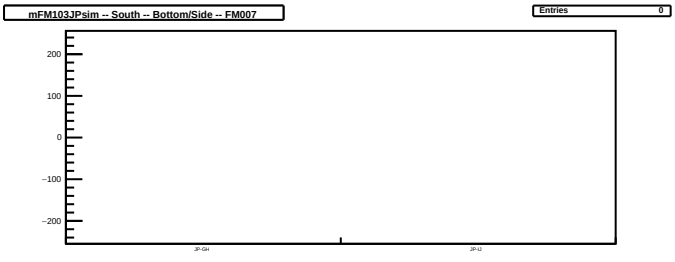

mFM103BS -- South -- Bottom/Side --FM007
Entries 449372
2367
15874
22176
24592
109976
96249
86167
87751
BS3
BS2
BS1
Unused

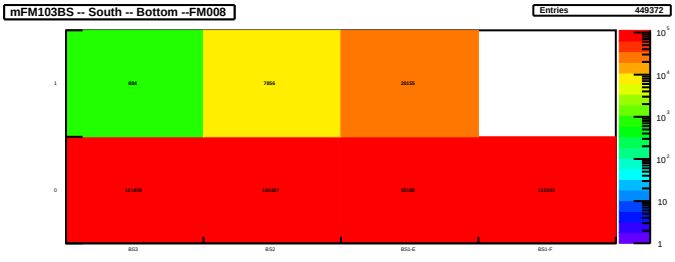

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 37652
24592
13060
BS3
BS2
BS1
Unused

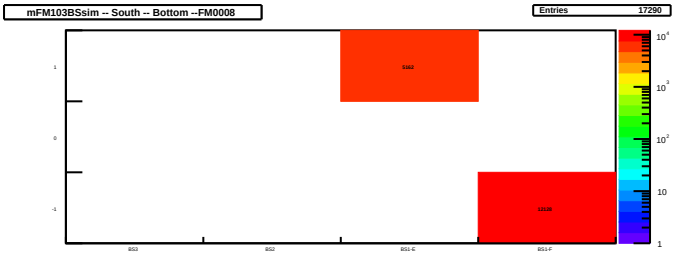

mFM103J -- South -- Bottom/Side -- FM007
Entries 112343
J(23)

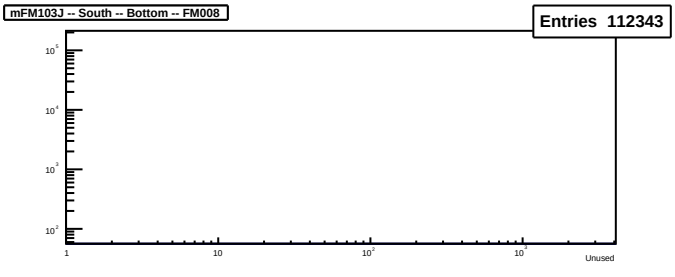

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

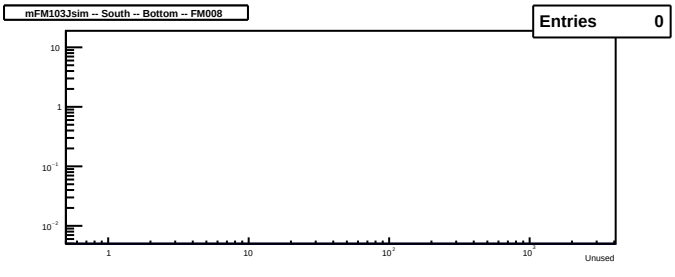

mFM103JP -- South -- Bottom/Side -- FM007
Entries 224686
JP-GH
JP-IJ


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


mFM103BS -- South -- Bottom --FM008
Entries 449372
886
7964
26155
114459
104487
92193
112343
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 17290
5162
12128
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 112343
Unused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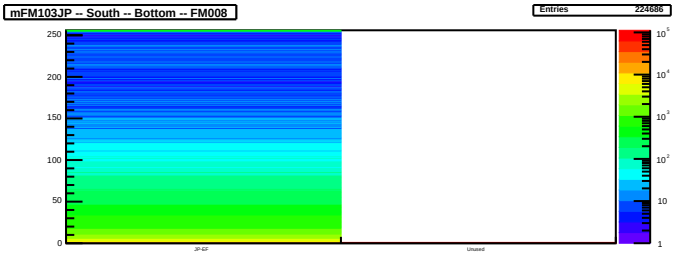
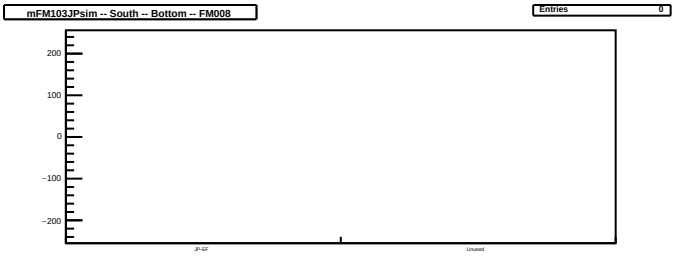
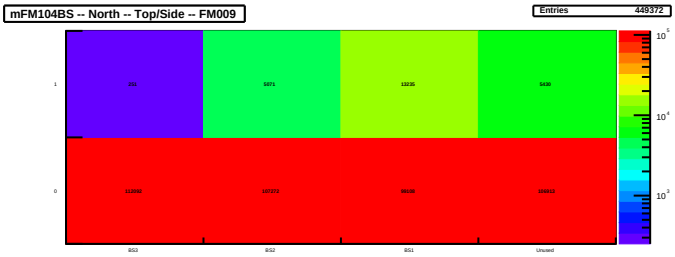
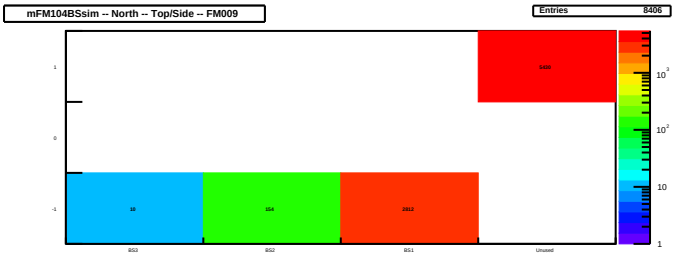
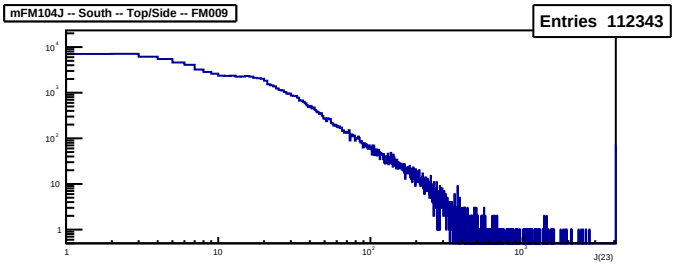
Entries 0
Unused

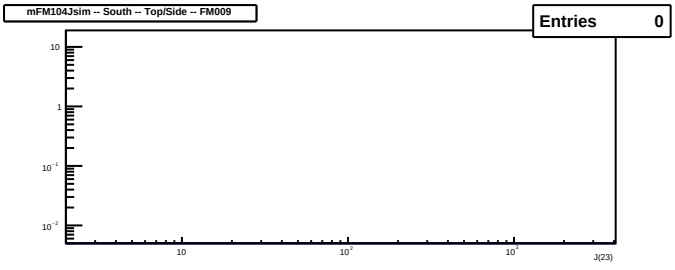

mFM103JP -- South -- Bottom -- FM008
Entries 224686
JP-EF
Unused

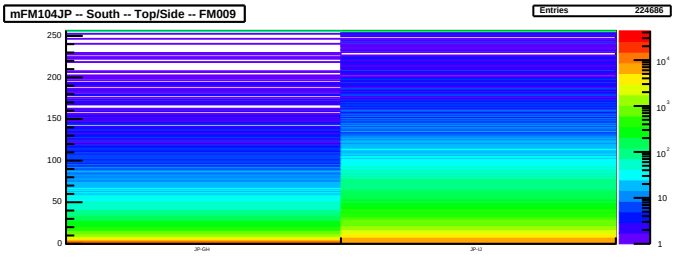

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

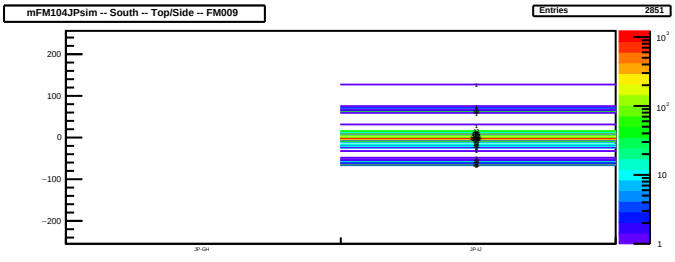

mFM104BS -- North -- Top/Side -- FM009
Entries 449372
251
5071
13235
5430
112092
107272
60108
106913
BS3
BS2
BS1
Unused

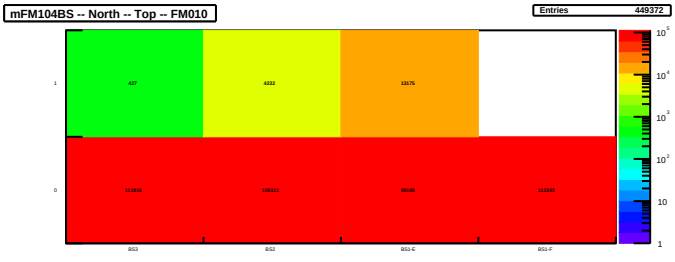

mFM104BSsim -- North -- Top/Side -- FM009
Entries 8406
5430
10
154
2812
BS3
BS2
BS1
Unused

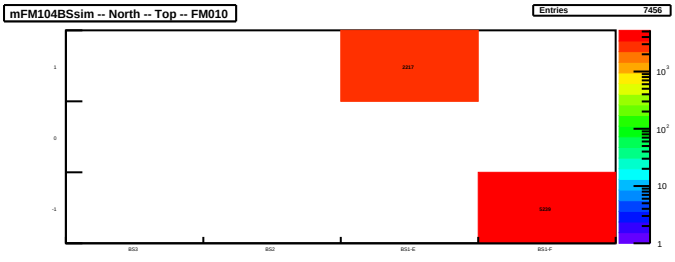

mFM104J -- South -- Top/Side -- FM009
Entries 112343
J(23)

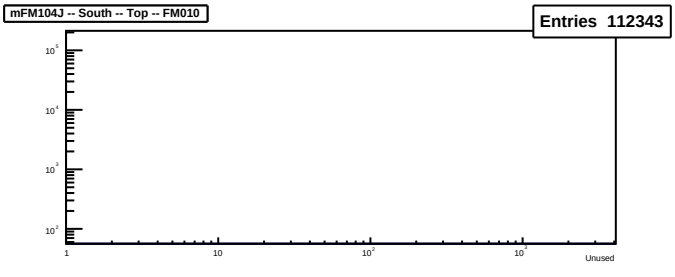

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

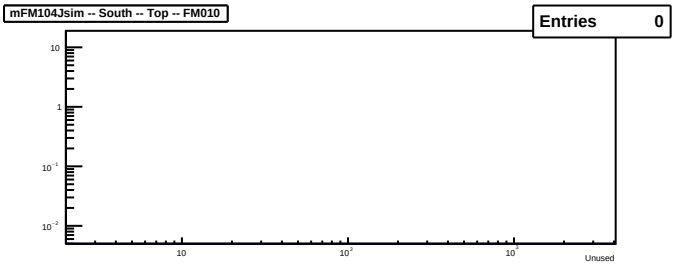

mFM104JP -- South -- Top/Side -- FM009
Entries 224686
JP-G4
JP-U

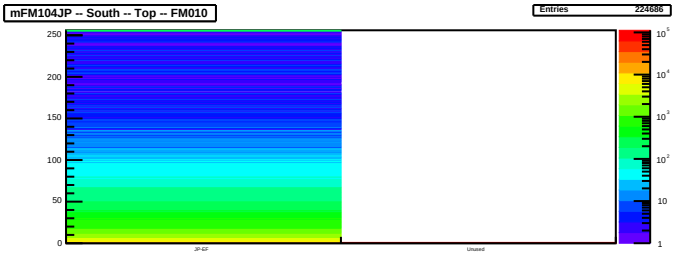

mFM104JPsim -- South -- Top/Side -- FM009
Entries 2851
JP-G4
JP-U

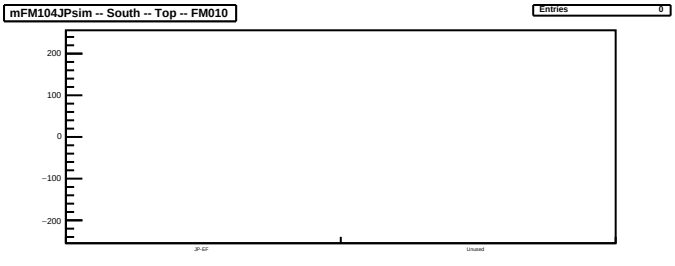

mFM104BS -- North -- Top -- FM010
Entries 449372
427
4232
13175
113916
108111
60108
112343
BS3
BS2
BS1-E
BS1-F

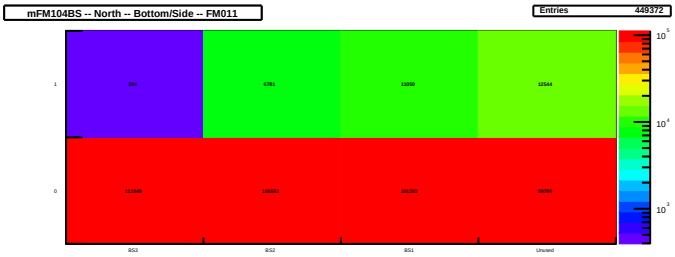

mFM104BSsim -- North -- Top -- FM010
Entries 7456
2217
5239
BS3
BS2
BS1-E
BS1-F

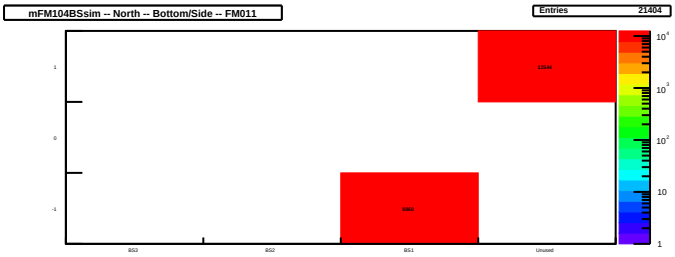

mFM104J -- South -- Top -- FM010
Entries 112343
Unused

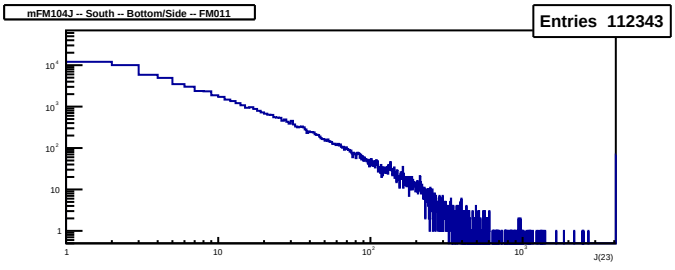

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

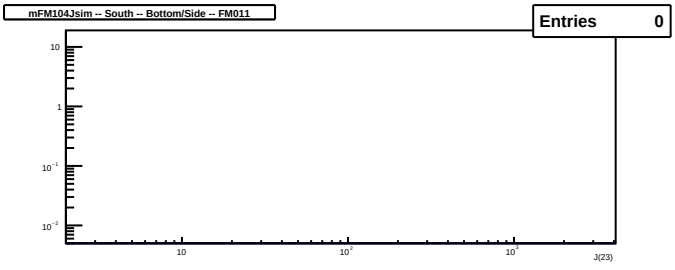

mFM104JP -- South -- Top -- FM010
Entries 224686
JP-EF
Unused

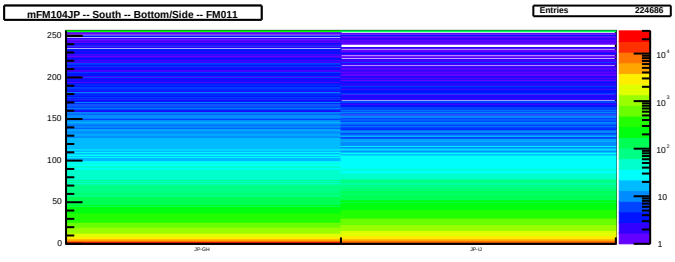

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

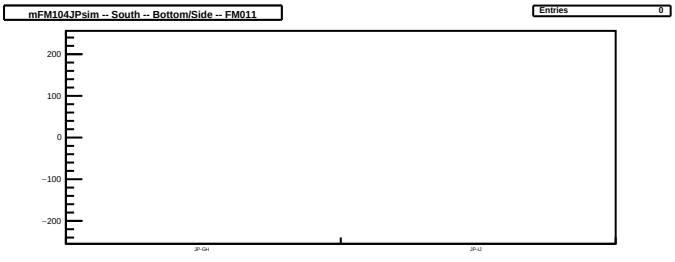

mFM104BS -- North -- Bottom/Side -- FM011
Entries 449372
254
6781
13050
12544
113949
105582
101293
96799
BS3
BS2
BS1
Unused

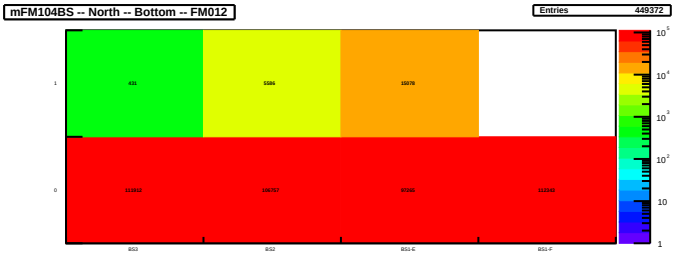

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 21404
12544
8860
BS3
BS2
BS1
Unused

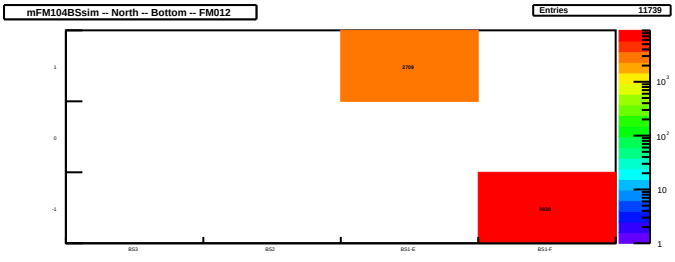

mFM104J -- South -- Bottom/Side -- FM011
Entries 112343
J(23)

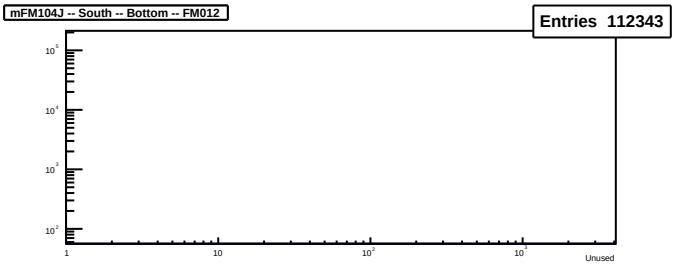

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

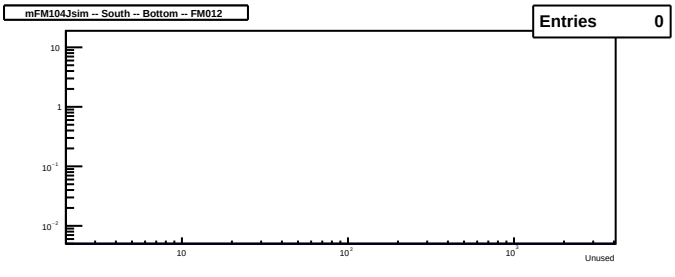

mFM104JP -- South -- Bottom/Side -- FM011
Entries 224686
JP-G4
JP-I1

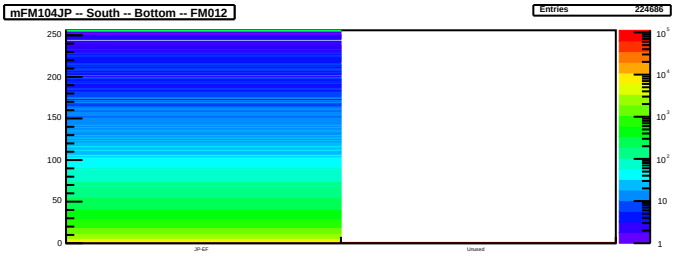

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-G4
JP-I1


mFM104BS -- North -- Bottom -- FM012
Entries 449372
431
5986
15978
119912
106757
97265
112343
BS3
BS2
BS1-E
BS1-F

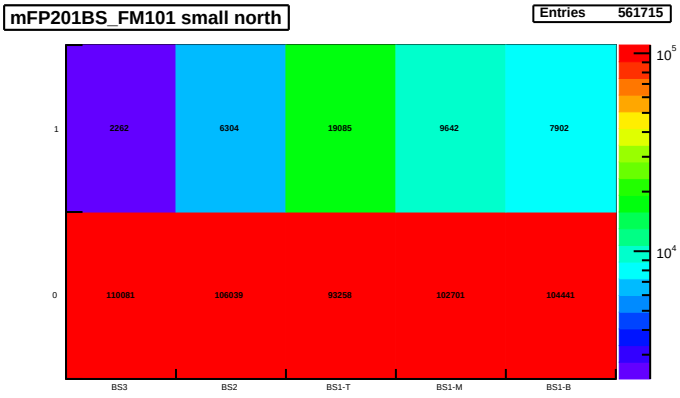

mFM104BSsim -- North -- Bottom -- FM012
Entries 11739
2769
9020
BS3
BS2
BS1-E
BS1-F

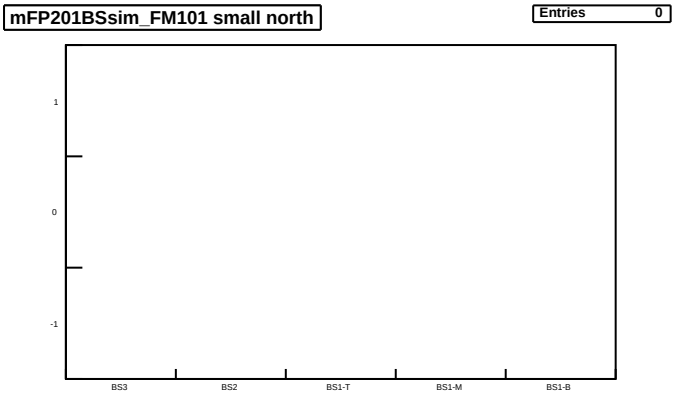

mFM104J -- South -- Bottom -- FM012
Entries 112343
Unused

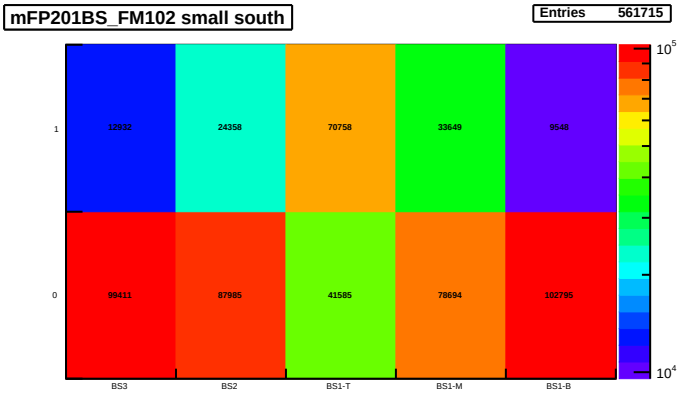

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

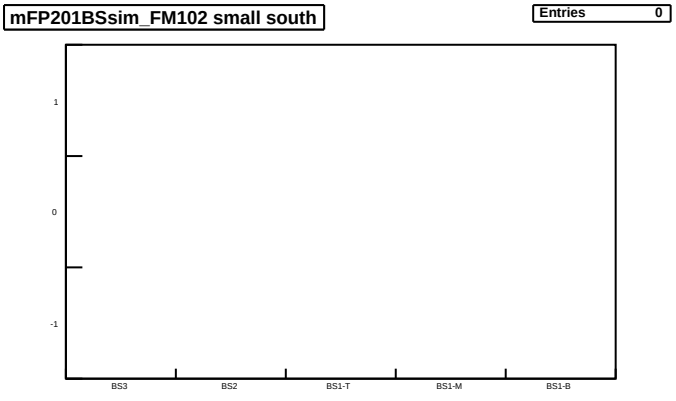

mFM104JP -- South -- Bottom -- FM012
Entries 224686
JP-E2F
Unused

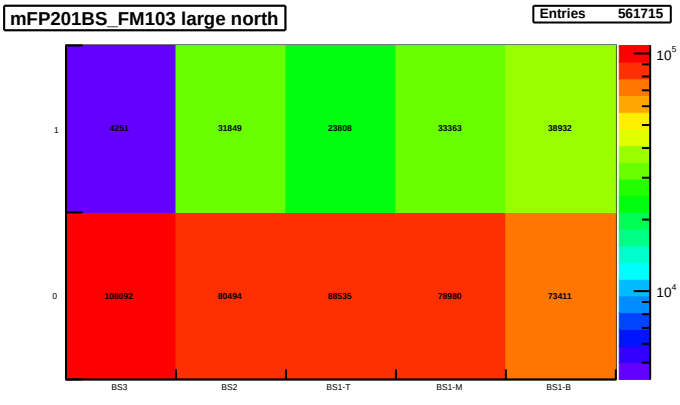
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-E2F
Unused

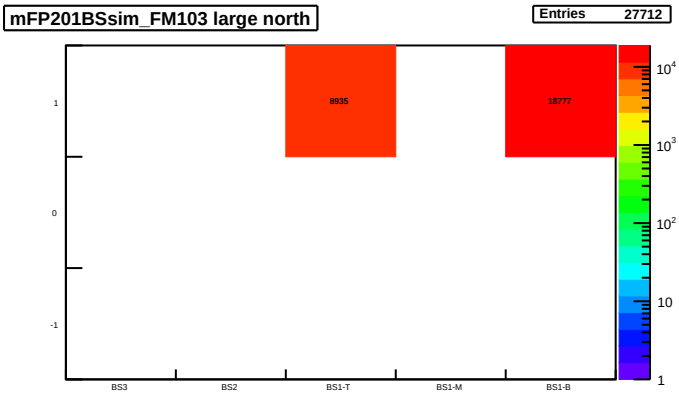

mFP201BS_FM101 small north
Entries 561715
2262
6304
19085
9642
7902
110081
106039
93258
102701
104441
BS3
BS2
BS1-T
BS1-M
BS1-B

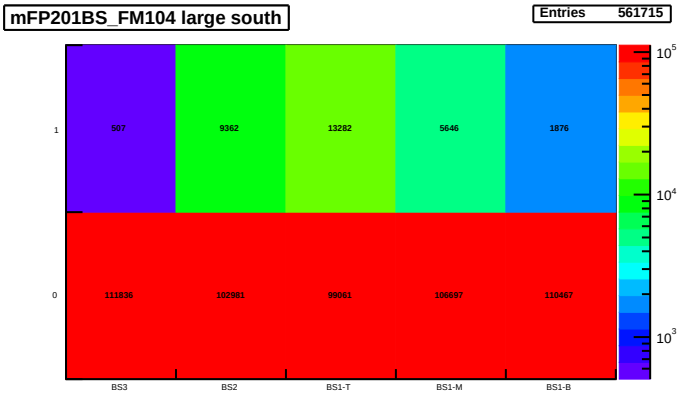

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

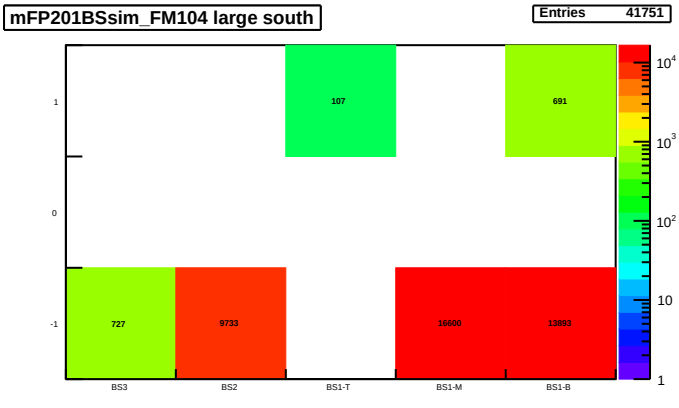

mFP201BS_FM102 small south
Entries 561715
12932
24358
70758
33649
9548
99411
87985
41585
78694
102795
BS3
BS2
BS1-T
BS1-M
BS1-B

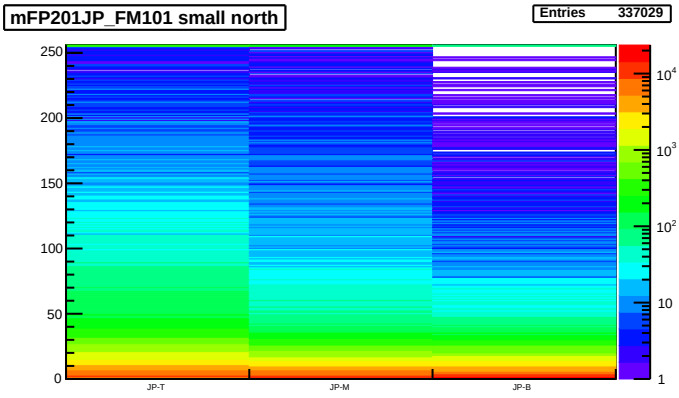

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

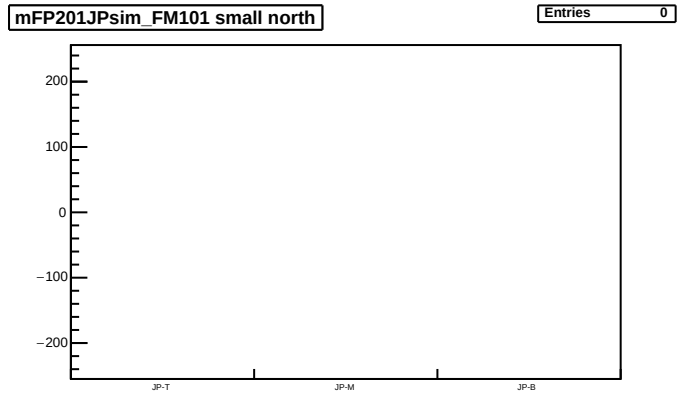

mFP201BS_FM103 large north
Entries 561715
4251
31849
23808
33363
38932
108092
80494
88535
78980
73411
BS3
BS2
BS1-T
BS1-M
BS1-B

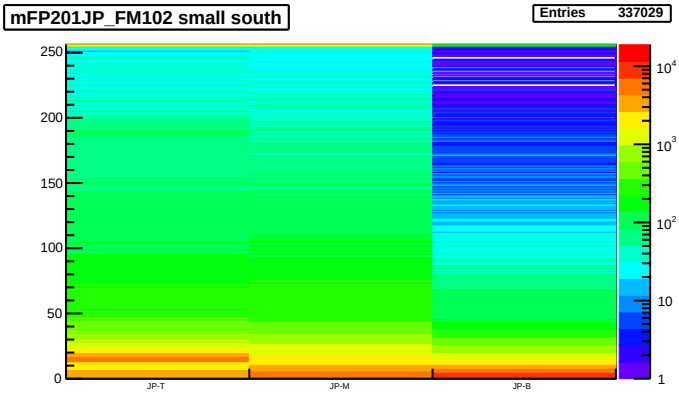

mFP201BSsim_FM103 large north
Entries 27712
8935
18777
BS3
BS2
BS1-T
BS1-M
BS1-B

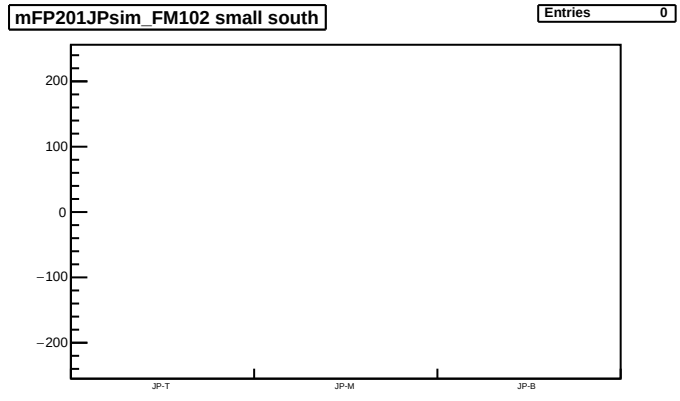

mFP201BS_FM104 large south
Entries 561715
507
9362
13282
5646
1876
111836
102981
99061
106697
110467
BS3
BS2
BS1-T
BS1-M
BS1-B

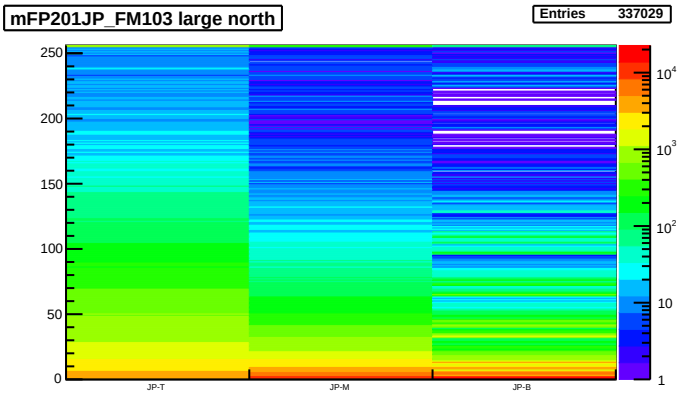

mFP201BSsim_FM104 large south
Entries 41751
107
691
727
9733
16600
13893
BS3
BS2
BS1-T
BS1-M
BS1-B

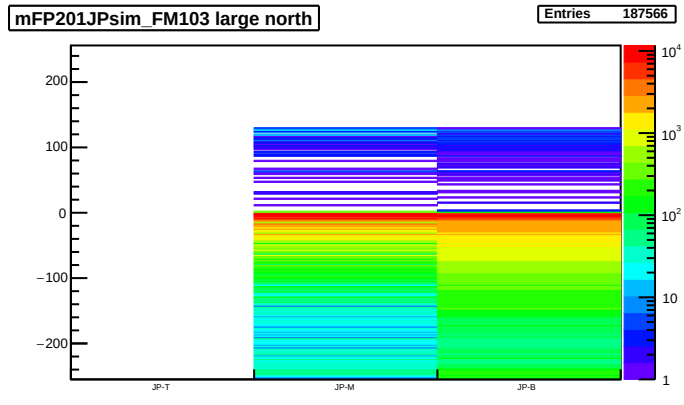

mFP201JP_FM101 small north
Entries 337029
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

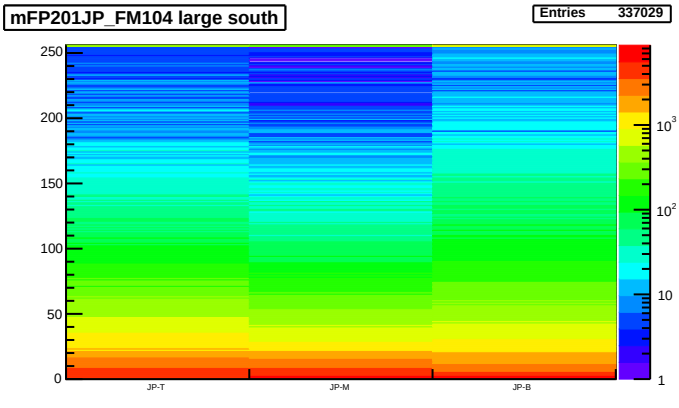

mFP201JPsim_FM101 small north
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

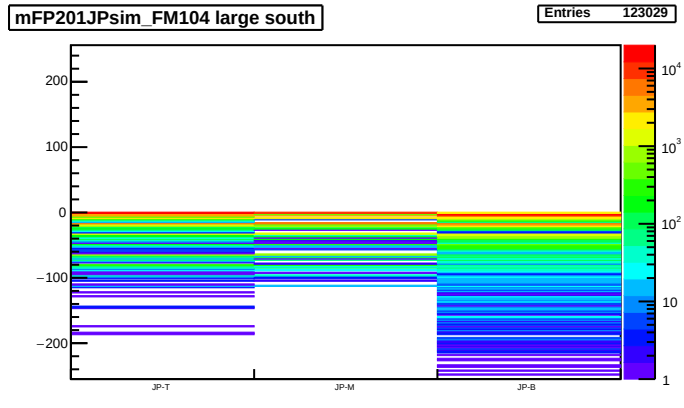

mFP201JP_FM102 small south
Entries 337029
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

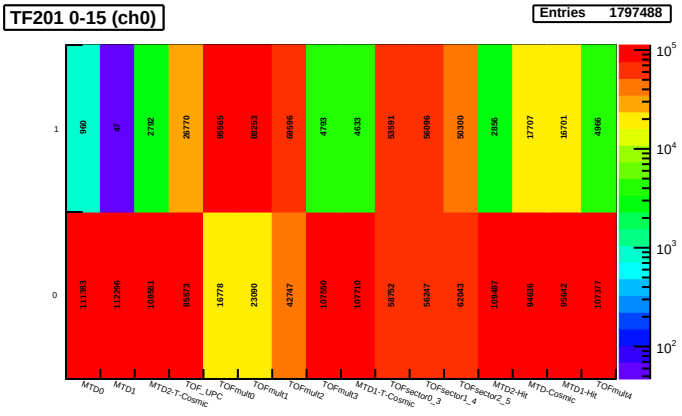

mFP201JPsim_FM102 small south
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

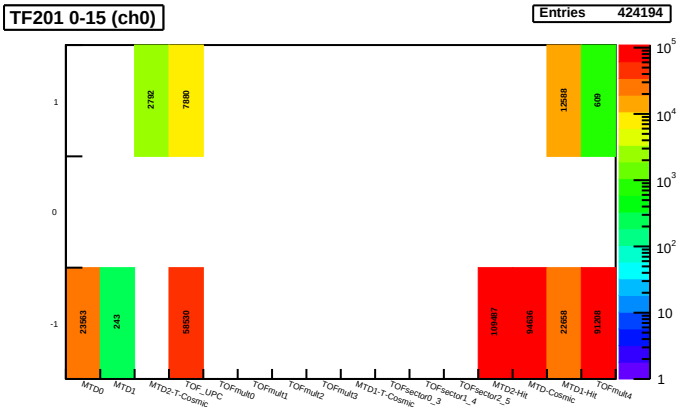

mFP201JP_FM103 large north
Entries 337029
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

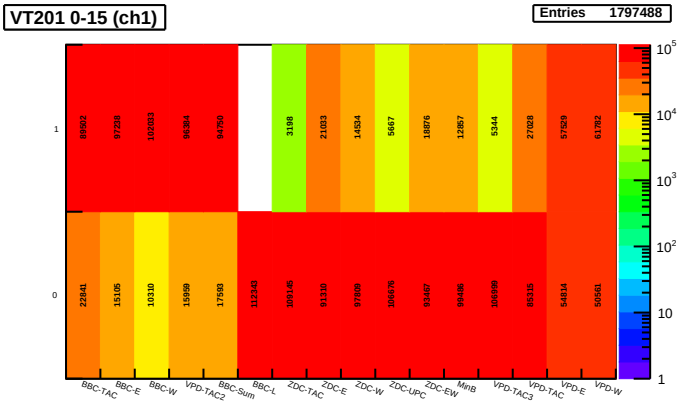

mFP201JPsim_FM103 large north
Entries 187566
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

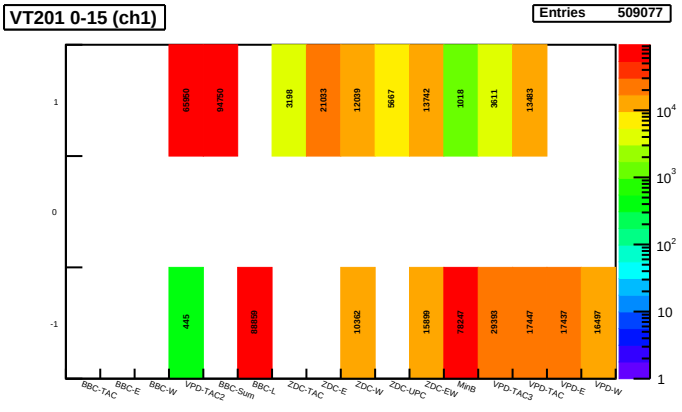

mFP201JP_FM104 large south
Entries 337029
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^3
10^2
10
1

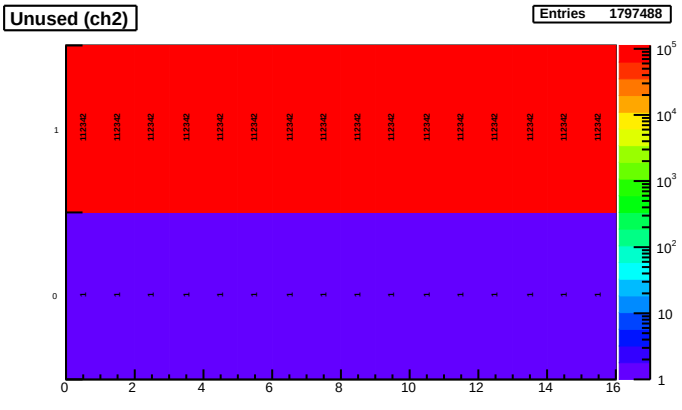

mFP201JPsim_FM104 large south
Entries 123029
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

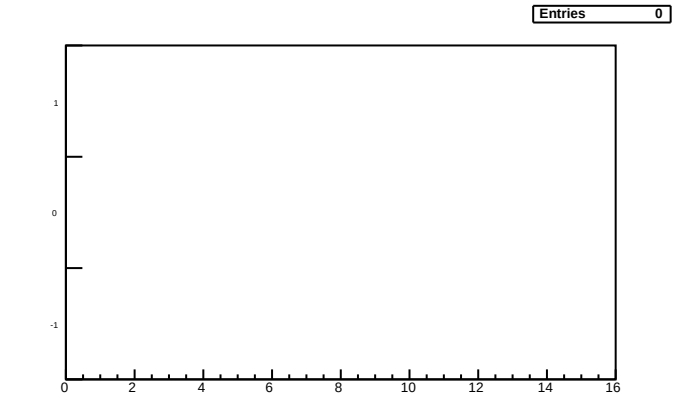

TF201 0-15 (ch0)
Entries 1797488
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

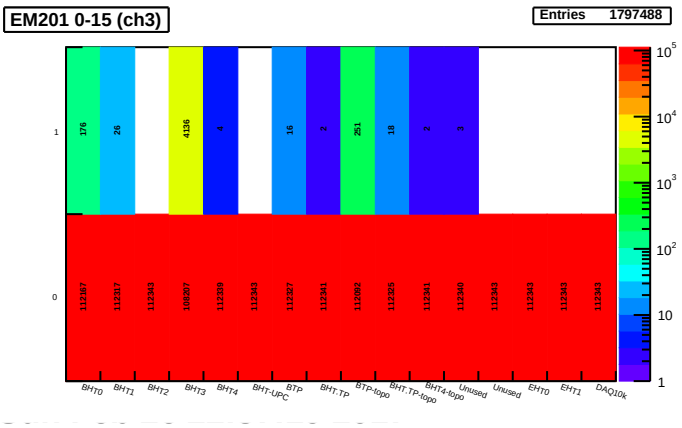

TF201 0-15 (ch0)
Entries 424194
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

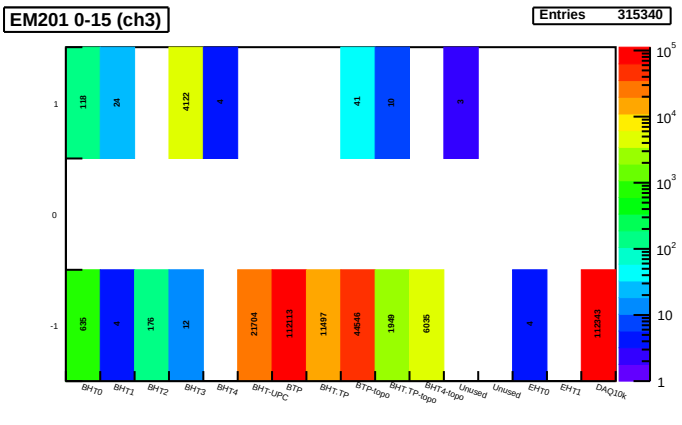

VT201 0-15 (ch1)
Entries 1797488
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

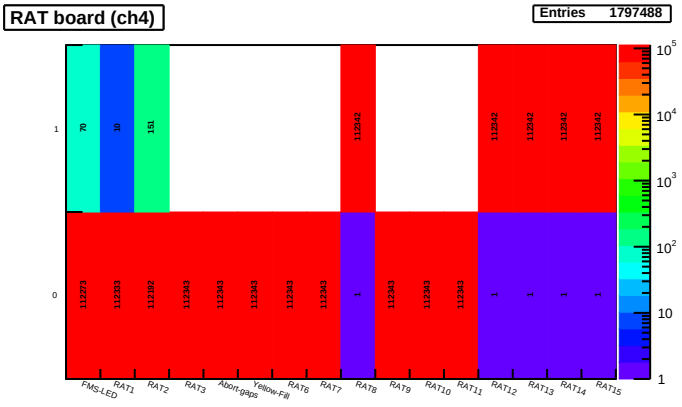

VT201 0-15 (ch1)
Entries 509077
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

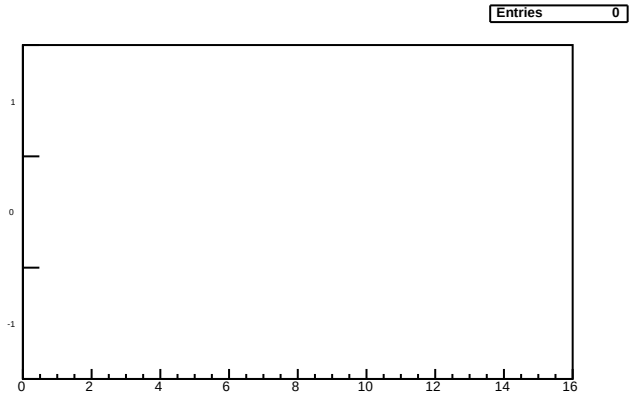

Unused (ch2)
Entries 1797488


Entries 0


EM201 0-15 (ch3)
Entries 1797488
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 315340
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 1797488
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15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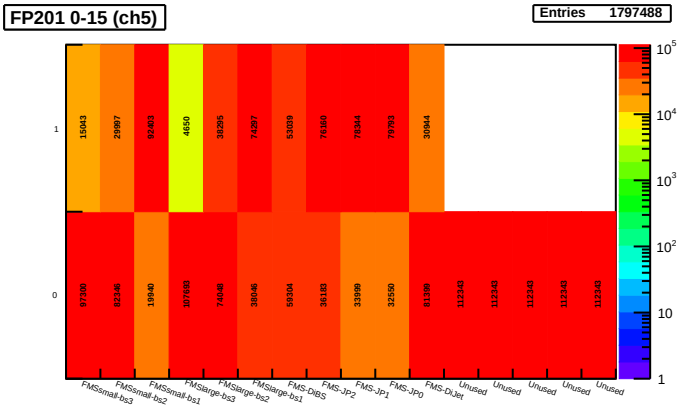
FP201 0-15 (ch5)
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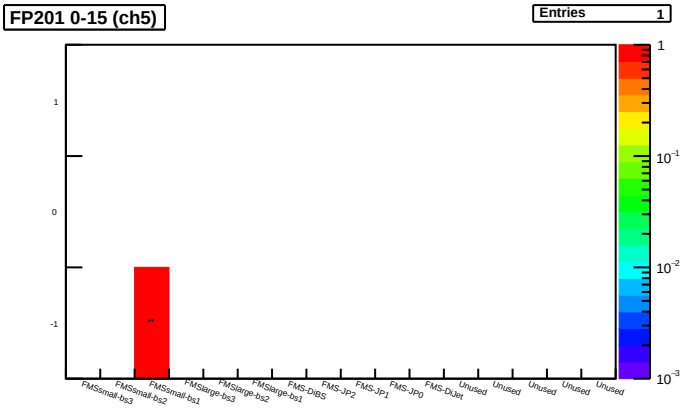
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused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FMS-Dijet
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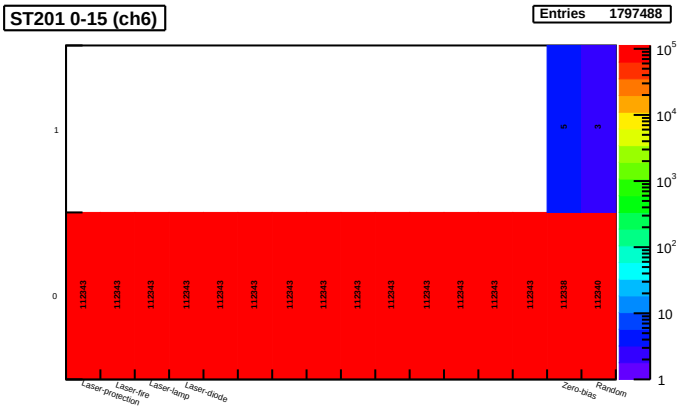
ST201 0-15 (ch6)
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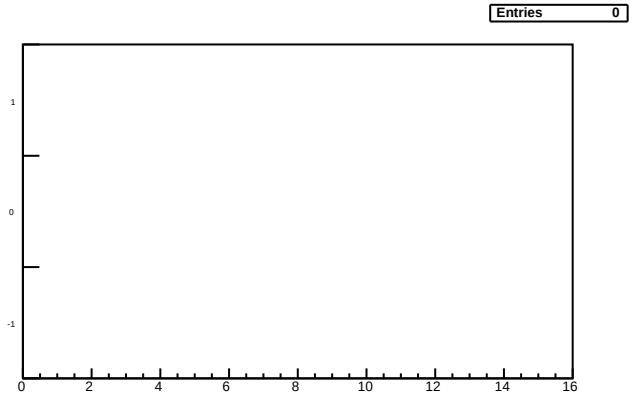
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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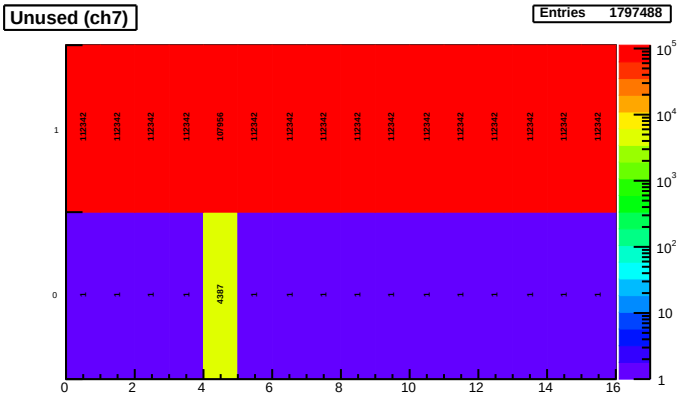
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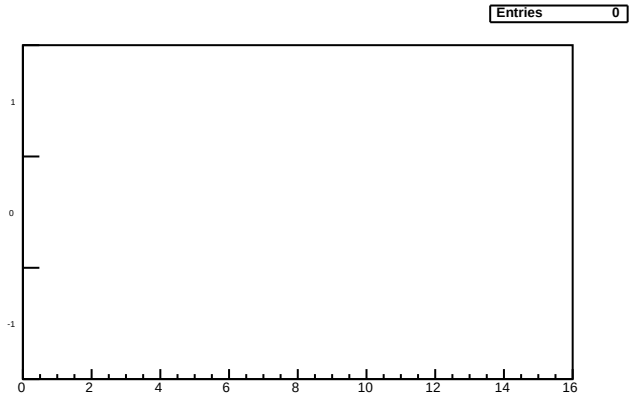
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