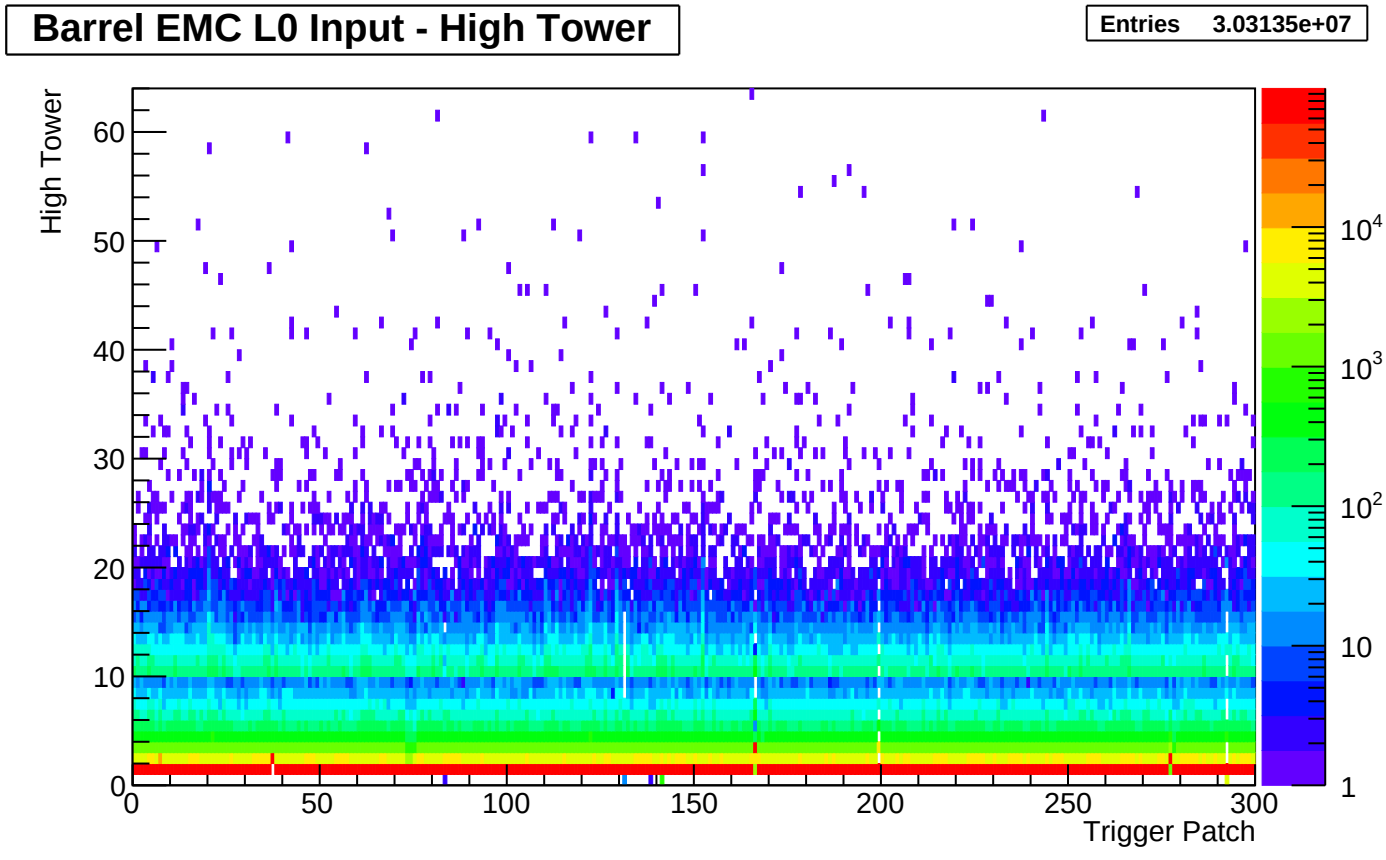
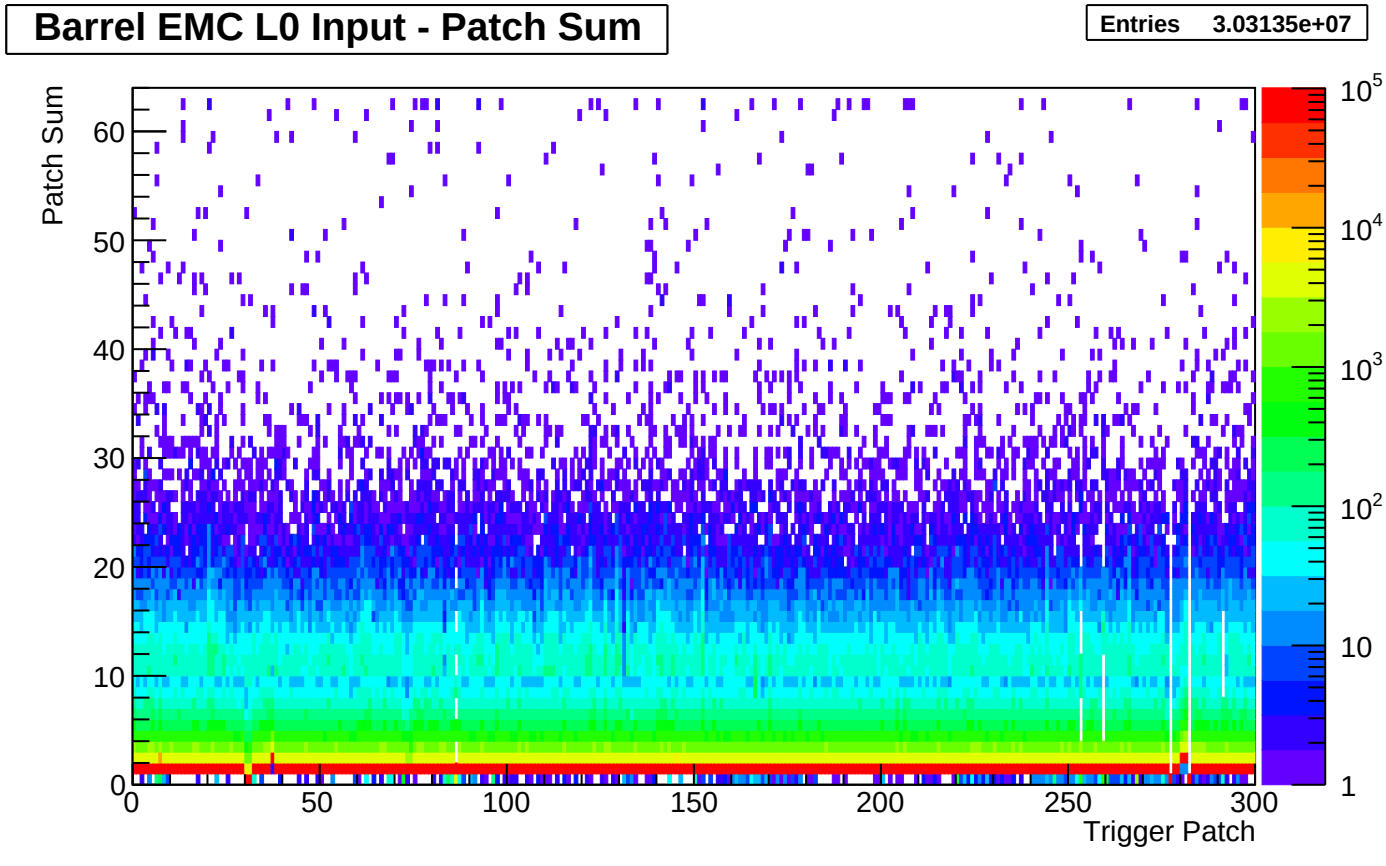
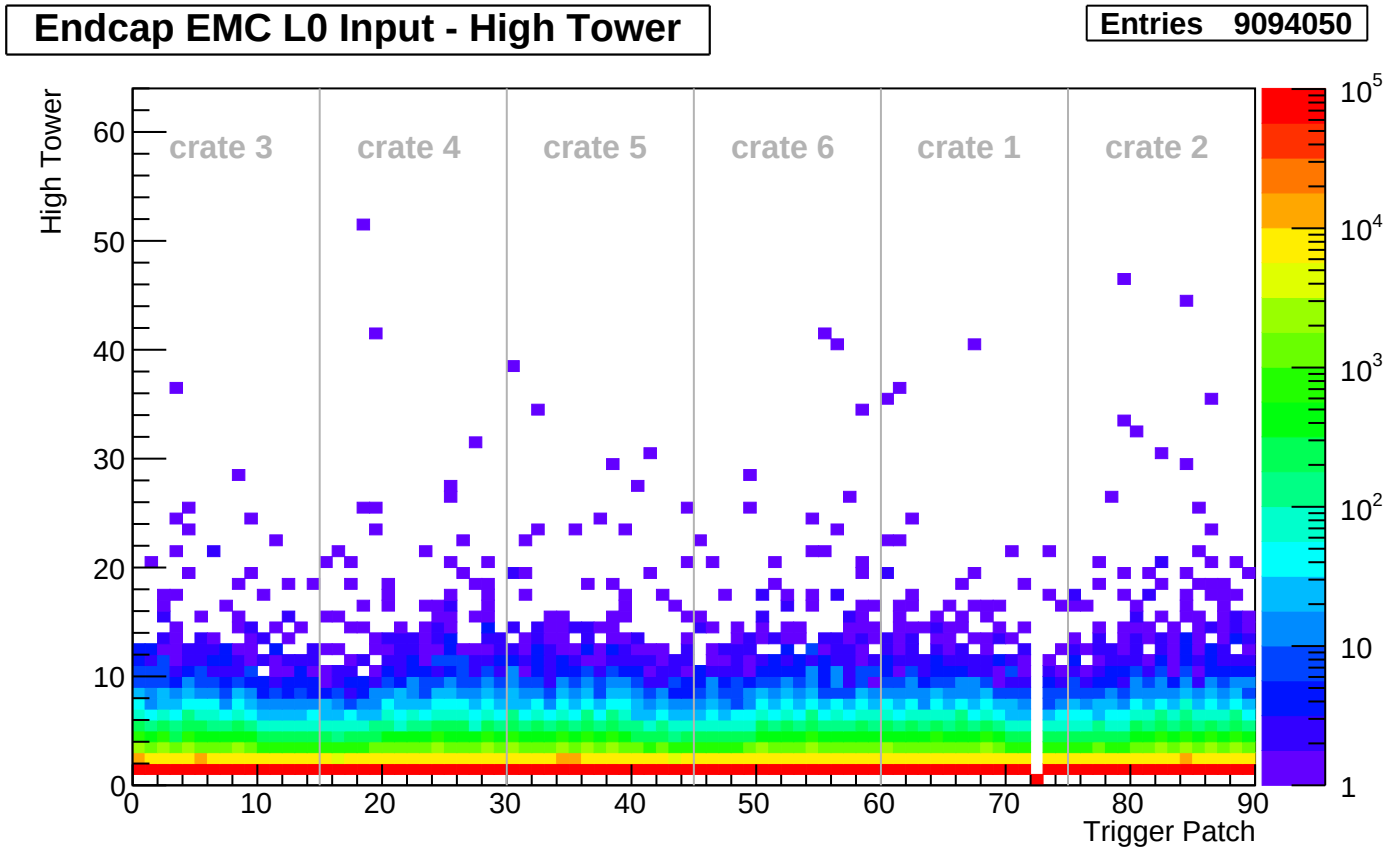
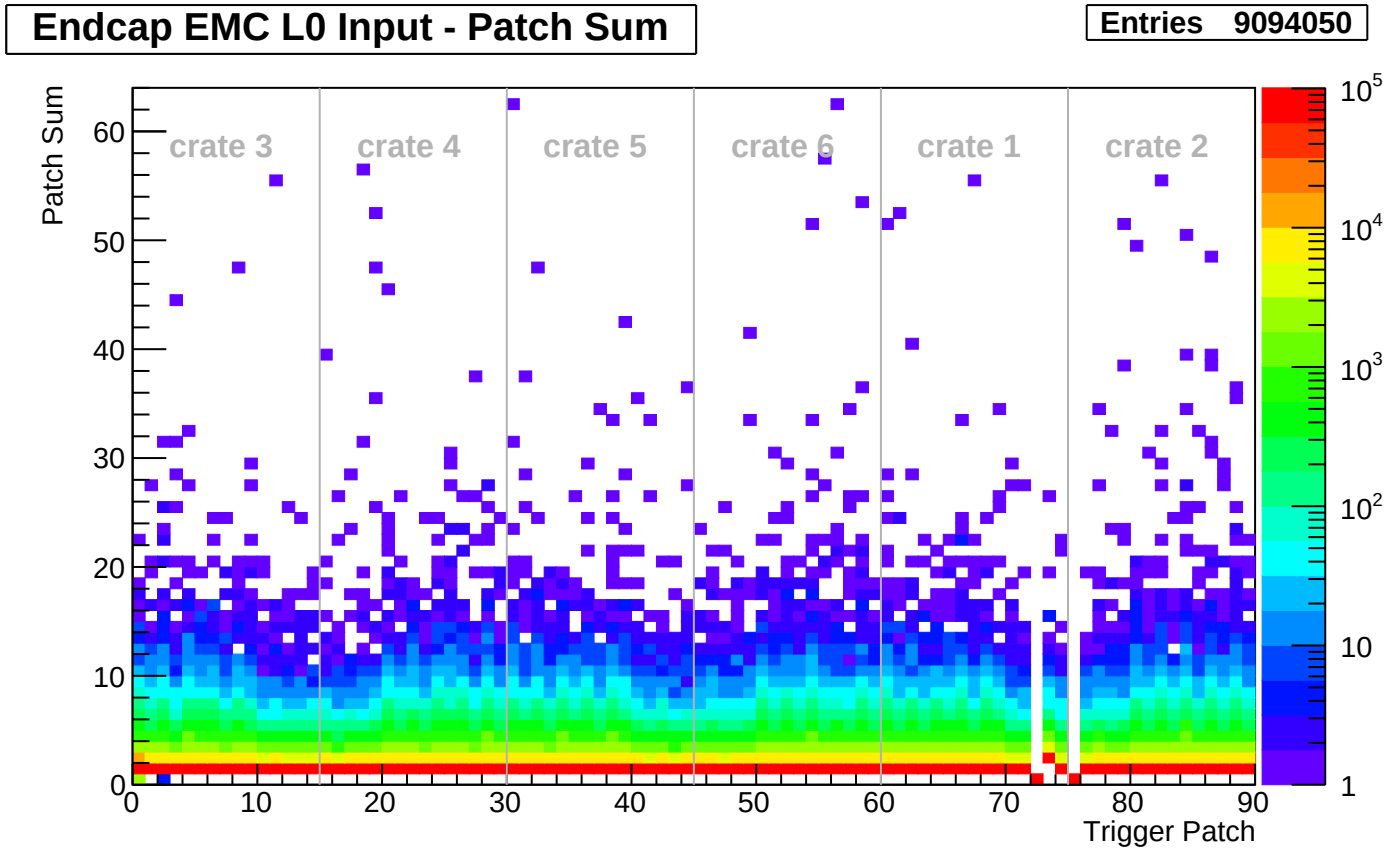
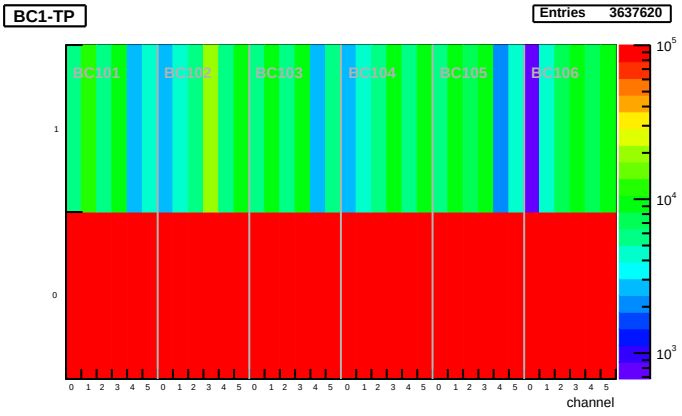
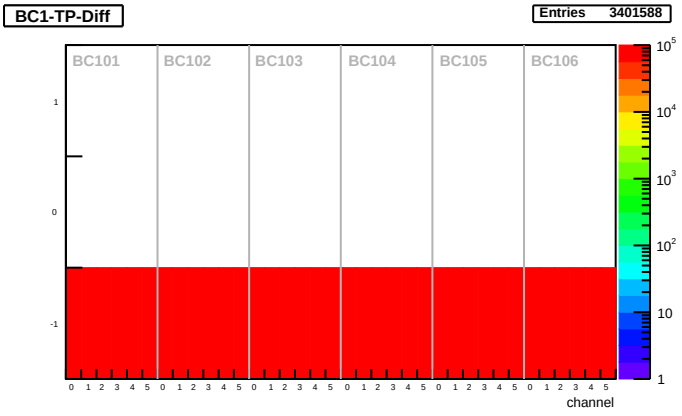

Barrel EMC L0 Input - High Tower
Entries 3.03135e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

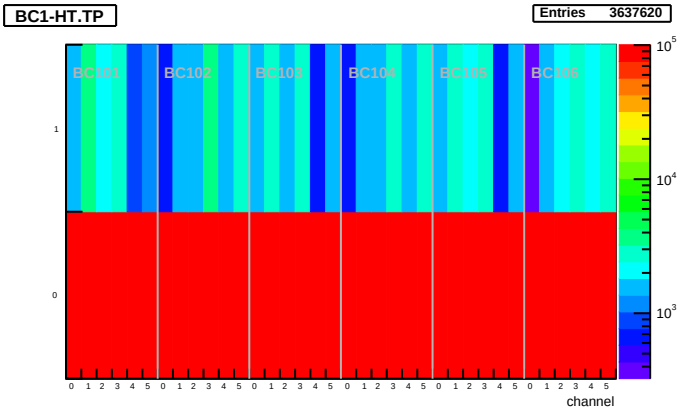

Barrel EMC L0 Input - Patch Sum
Entries 3.03135e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

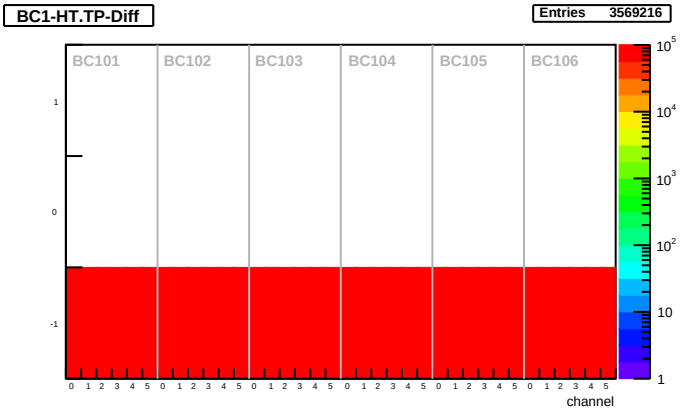

Endcap EMC L0 Input - High Tower
Entries 9094050
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

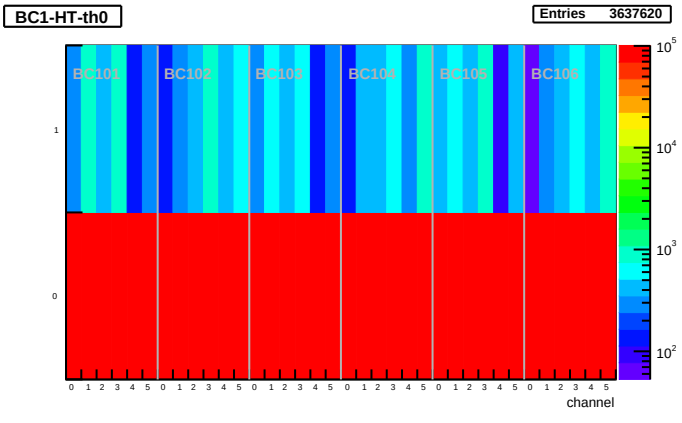

Endcap EMC L0 Input - Patch Sum
Entries 9094050
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

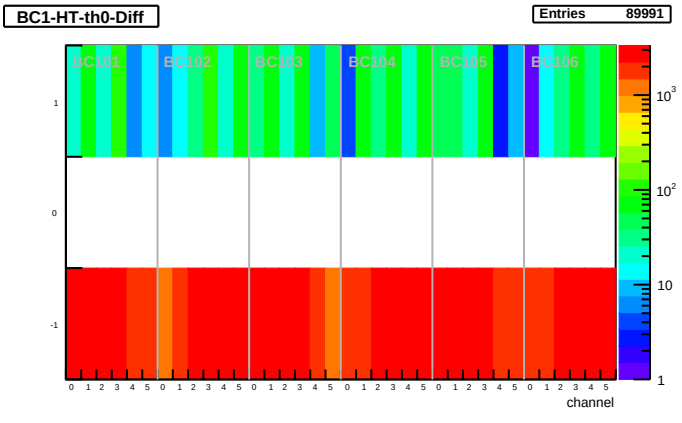

BC1-TP
Entries 3637620
BC101
BC102
BC103
BC104
BC105
BC106
channel

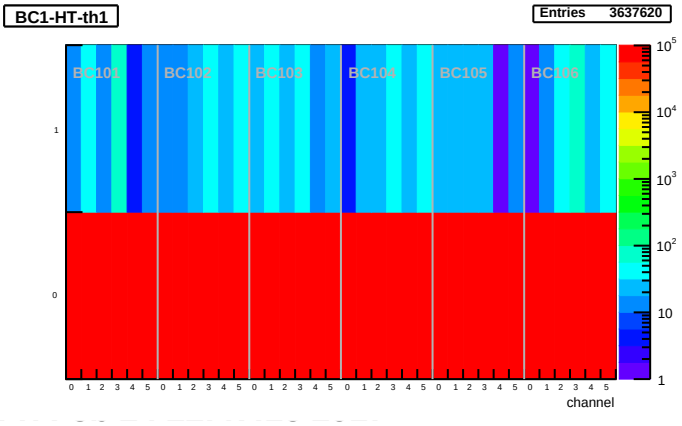

BC1-TP-Diff
Entries 3401588
BC101
BC102
BC103
BC104
BC105
BC106
channel

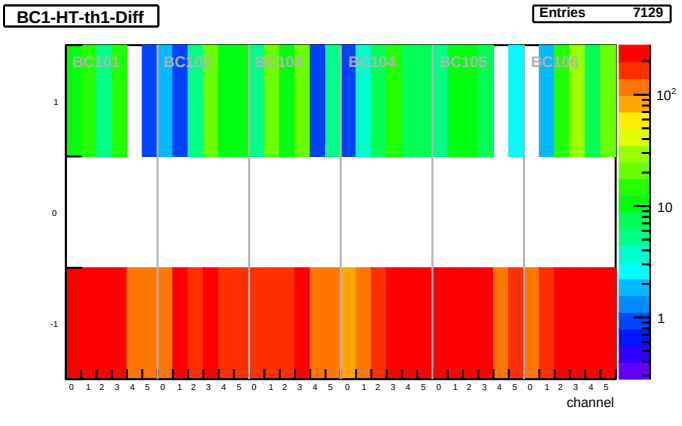

BC1-HT.TP
Entries 3637620
BC101
BC102
BC103
BC104
BC105
BC106
channel

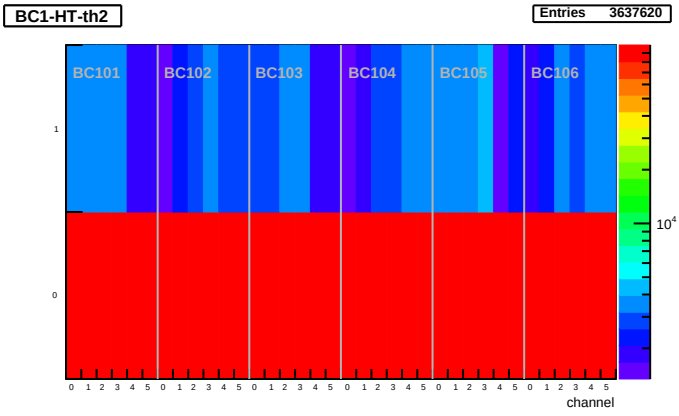

BC1-HT.TP-Diff
Entries 3569216
BC101
BC102
BC103
BC104
BC105
BC106
channel

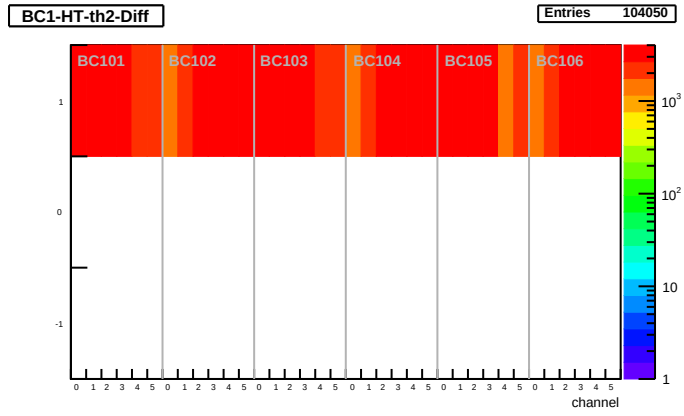

BC1-HT-th0
Entries 3637620
BC101
BC102
BC103
BC104
BC105
BC106
channel

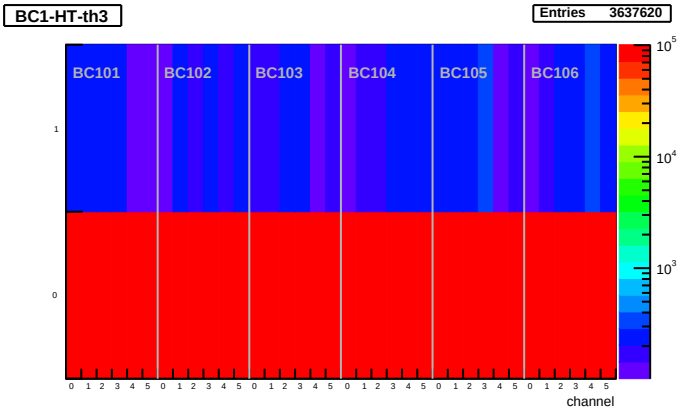

BC1-HT-th0-Diff
Entries 89991
BC101
BC102
BC103
BC104
BC105
BC106
channel

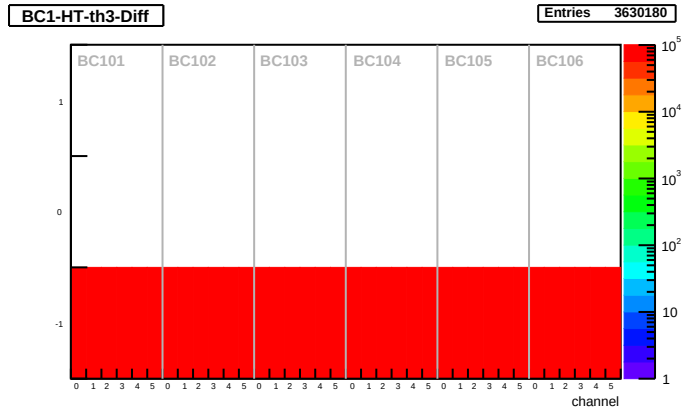

BC1-HT-th1
Entries 3637620
BC101
BC102
BC103
BC104
BC105
BC106
channel

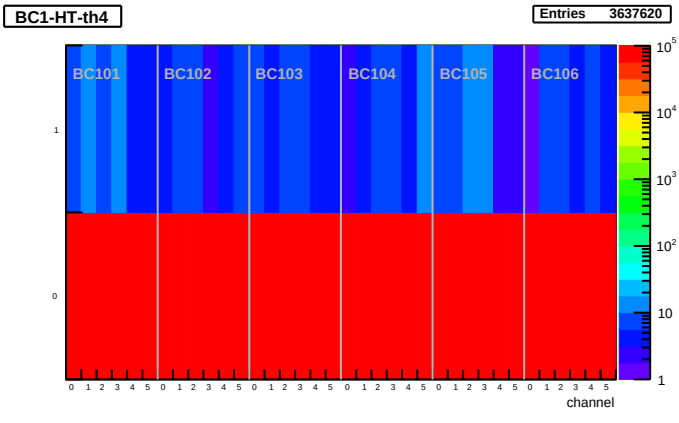

BC1-HT-th1-Diff
Entries 7129
BC101
BC102
BC103
BC104
BC105
BC106
channel

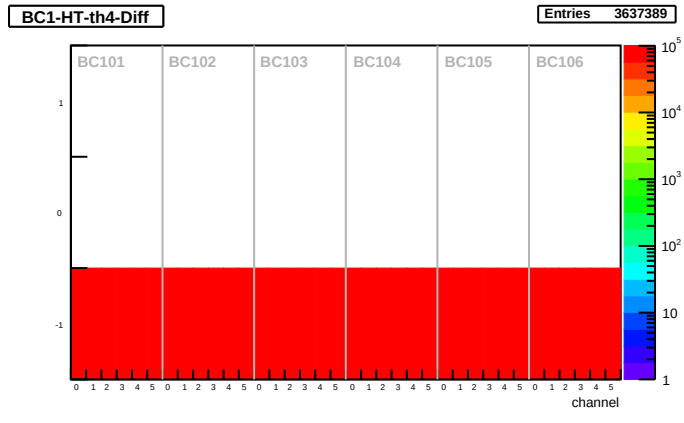

BC1-HT-th2
Entries 3637620
BC101
BC102
BC103
BC104
BC105
BC106
channel

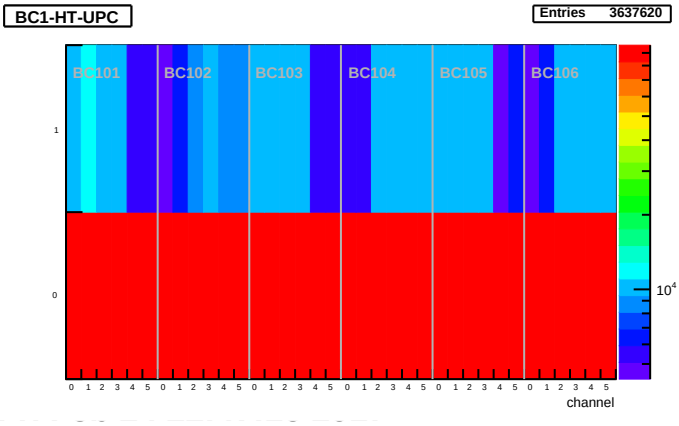

BC1-HT-th2-Diff
Entries 104050
BC101
BC102
BC103
BC104
BC105
BC106
channel

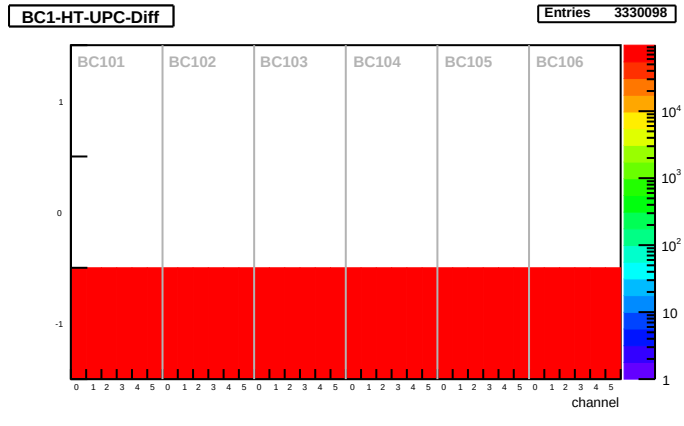

BC1-HT-th3
Entries 3637620
BC101
BC102
BC103
BC104
BC105
BC106
channel

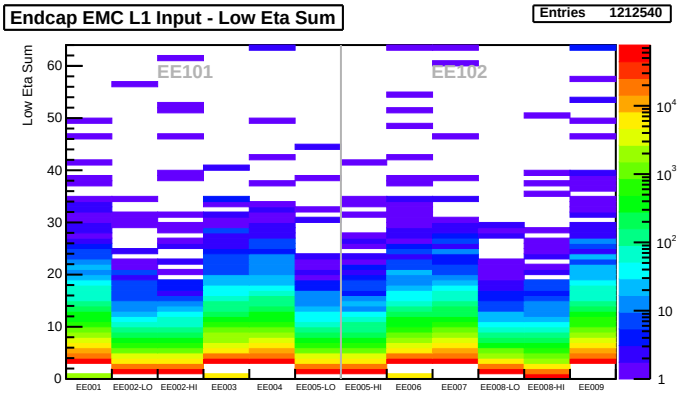

BC1-HT-th3-Diff
Entries 3630180
BC101
BC102
BC103
BC104
BC105
BC106
channel

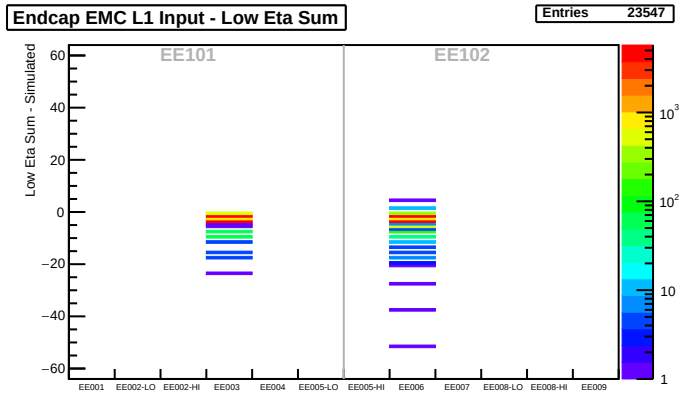

BC1-HT-th4
Entries 3637620
BC101
BC102
BC103
BC104
BC105
BC106
channel

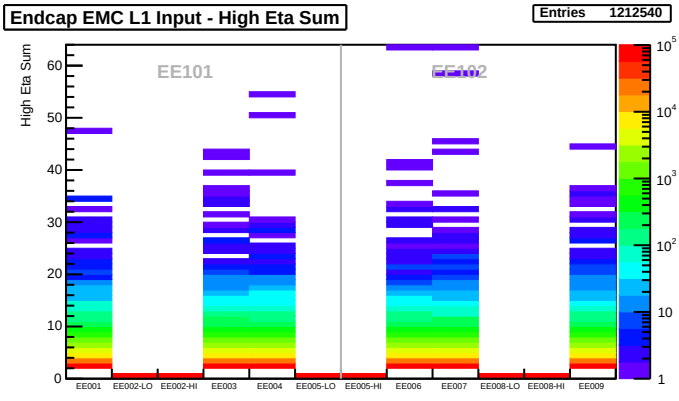

BC1-HT-th4-Diff
Entries 3637389
BC101
BC102
BC103
BC104
BC105
BC106
channel

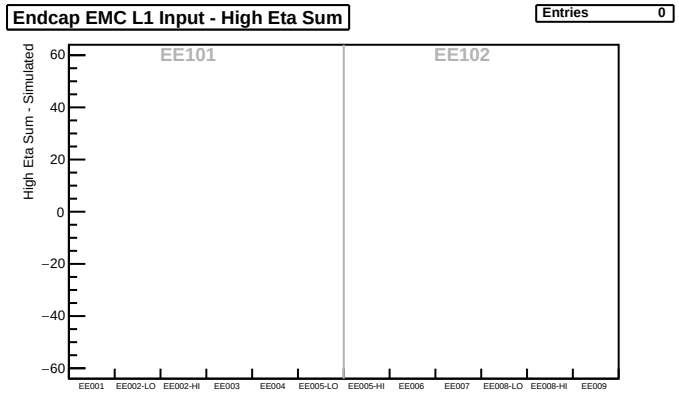

BC1-HT-UPC
Entries 3637620
BC101
BC102
BC103
BC104
BC105
BC106
channel

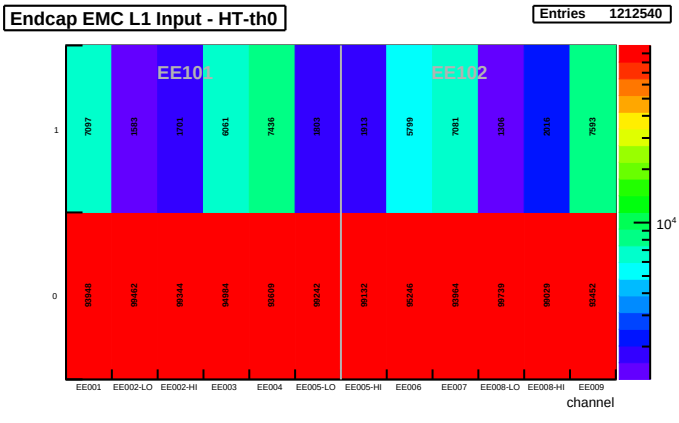

BC1-HT-UPC-Diff
Entries 3330098
BC101
BC102
BC103
BC104
BC105
BC106
channel

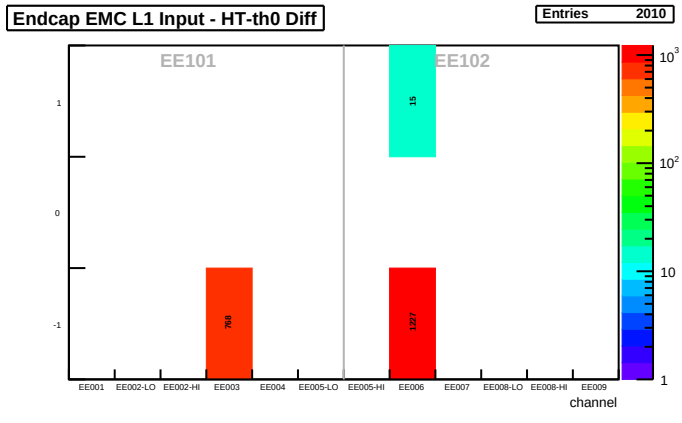

Endcap EMC L1 Input - Low Eta Sum
Entries 1212540
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

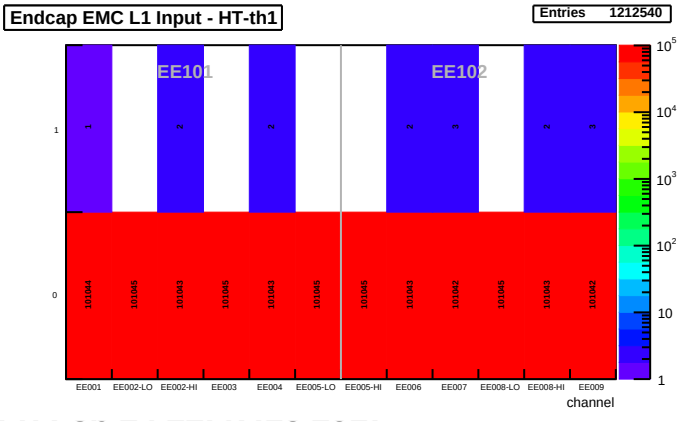

Endcap EMC L1 Input - Low Eta Sum
Entries 23547
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

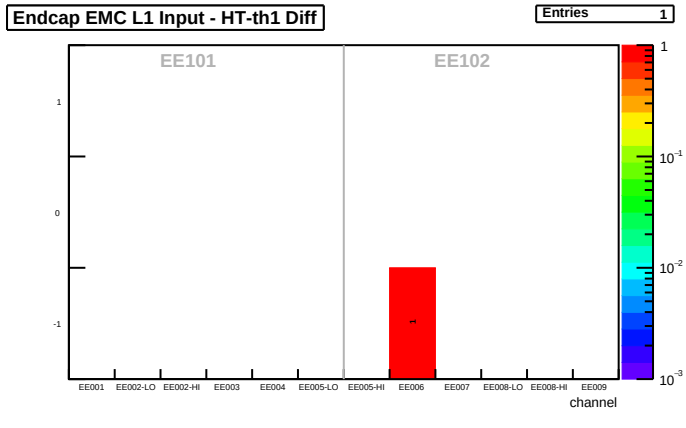

Endcap EMC L1 Input - High Eta Sum
Entries 1212540
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

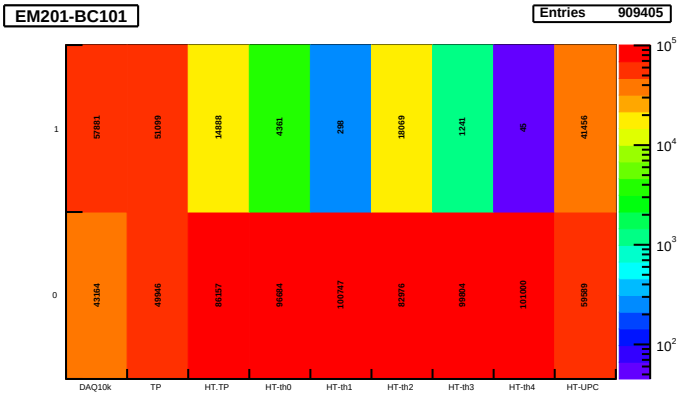

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

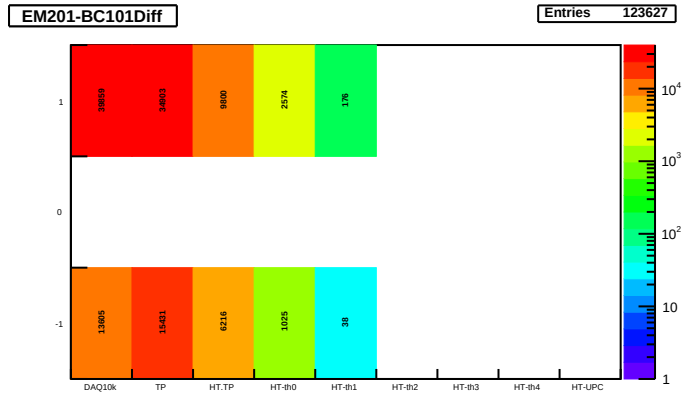

Endcap EMC L1 Input - HT-th0
Entries 1212540
EE101
EE102
7097 1583 1701 6061 7436 1803 1613 5799 7061 1306 2016 7593
93348 99462 99344 94984 93669 99242 99132 95246 93964 99739 99029 93452
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

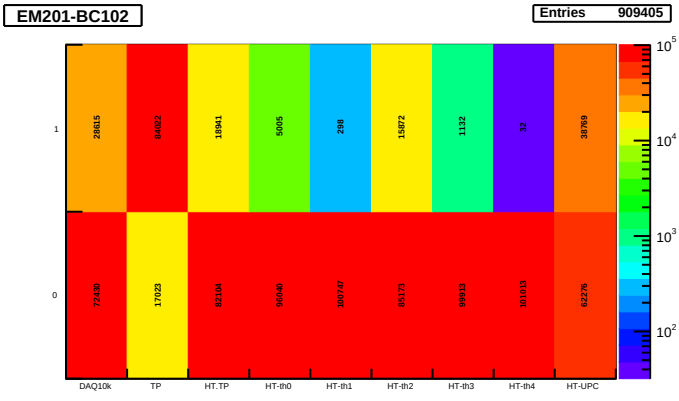

Endcap EMC L1 Input - HT-th0 Diff
Entries 2010
EE101
EE102
15
768
1227
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

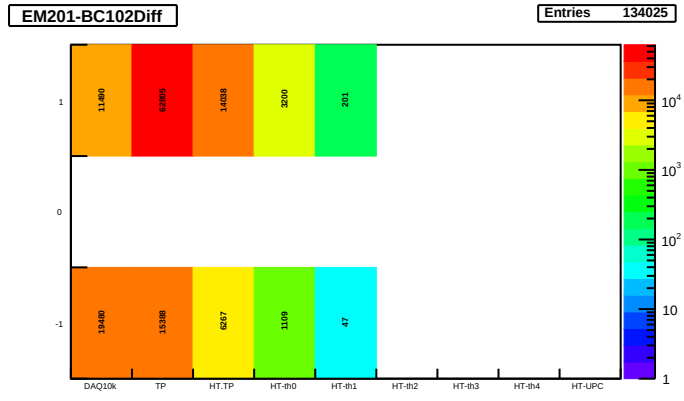

Endcap EMC L1 Input - HT-th1
Entries 1212540
EE101
EE102
1 2 2 2 3 2 3
101044 101045 101043 101045 101043 101045 101045 101043 101042 101045 101043 101042
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

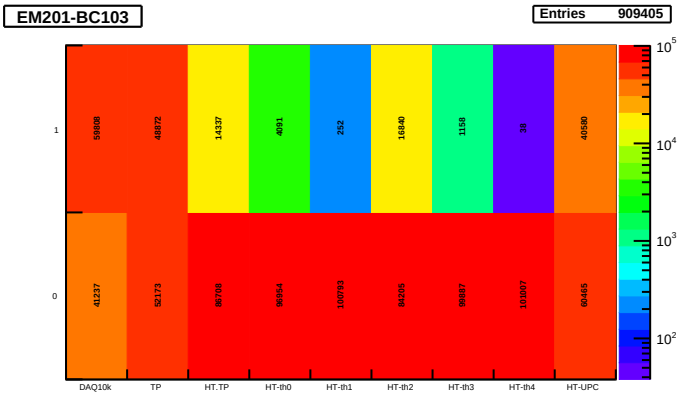

Endcap EMC L1 Input - HT-th1 Diff
Entries 1
EE101
EE102
1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

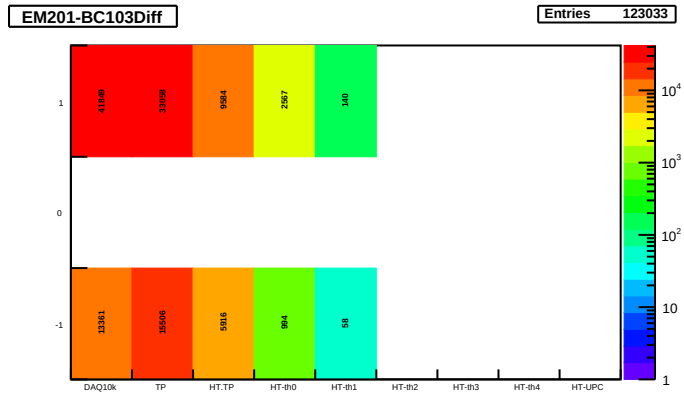

EM201-BC101
Entries 909405
1
0
57381 51099 14888 4381 298 18069 1241 45 41456
43164 49946 86157 96684 100747 82376 99804 101000 59389
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^5
10^4
10^3
10^2

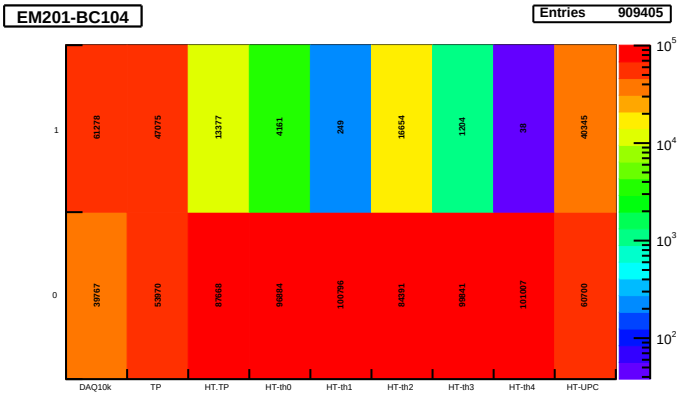

EM201-BC101Diff
Entries 123627
1
0
-1
39859 34803 9800 2574 176
13605 15431 6216 1025 38
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3
10^2
10
1

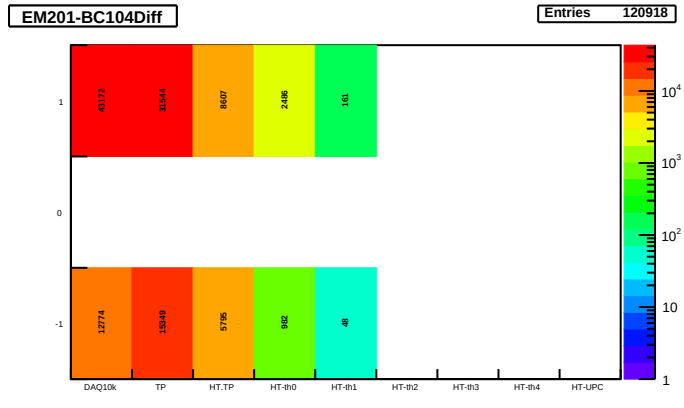

EM201-BC102
Entries 909405
1
0
29815 84022 18941 5005 298 15872 1132 32 38769
72430 17023 82104 96040 100747 85173 99913 101013 62276
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^5
10^4
10^3
10^2

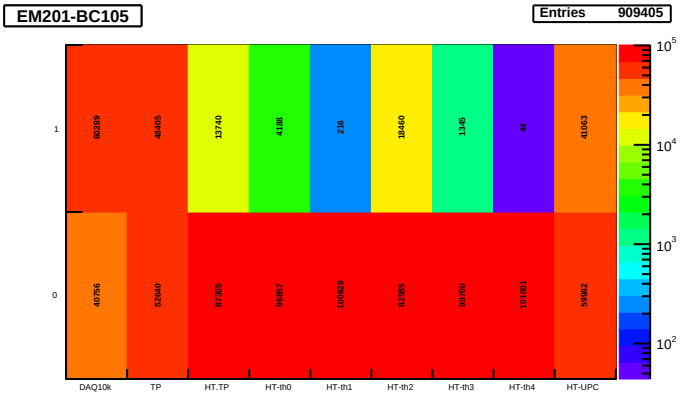

EM201-BC102Diff
Entries 134025
1
0
-1
11490 62895 14038 3200 201
19480 15398 6267 1109 47
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3
10^2
10
1

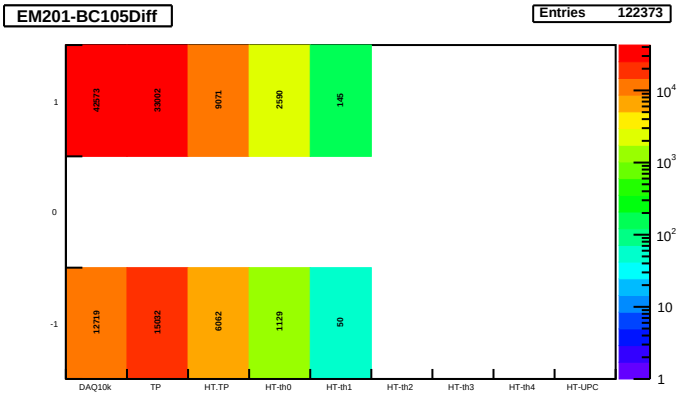

EM201-BC103
Entries 909405
1
0
59808 48872 14337 4091 252 16940 1158 38 40580
41237 52173 86708 96954 100793 84205 99837 101007 60465
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^5
10^4
10^3
10^2

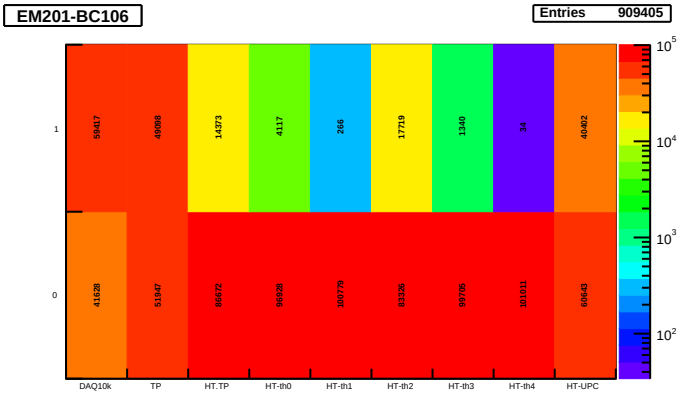

EM201-BC103Diff
Entries 123033
1
0
-1
41949 33958 9884 2567 140
13361 15506 5816 994 58
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3
10^2
10
1

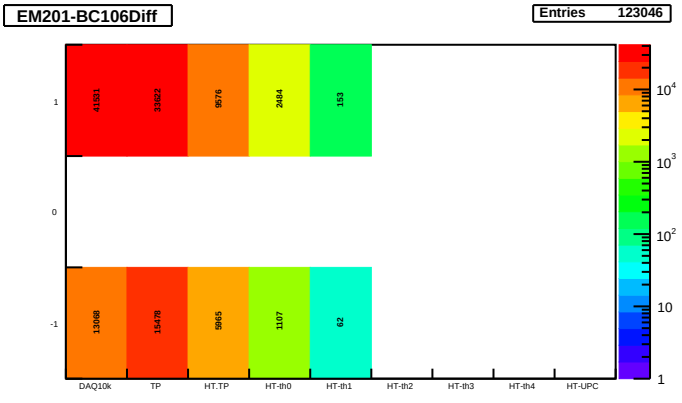

EM201-BC104
Entries 909405
1
0
61278 47075 13377 4161 249 16654 1204 38 40345
39767 53870 87658 96884 100796 84391 99841 101007 60700
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^5
10^4
10^3
10^2

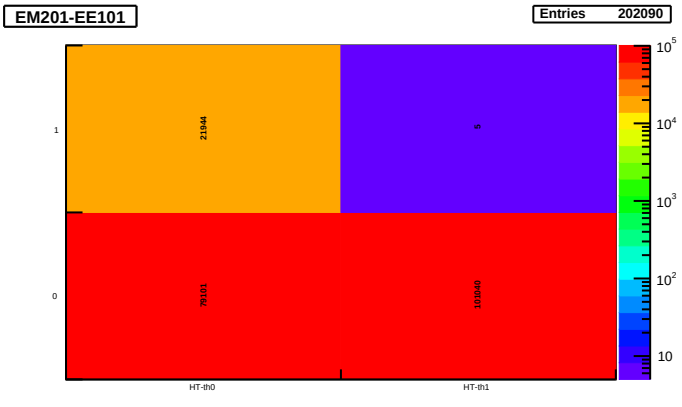

EM201-BC104Diff
Entries 120918
1
0
-1
43172 31544 8607 2486 161
12774 15349 5795 982 48
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3
10^2
10
1

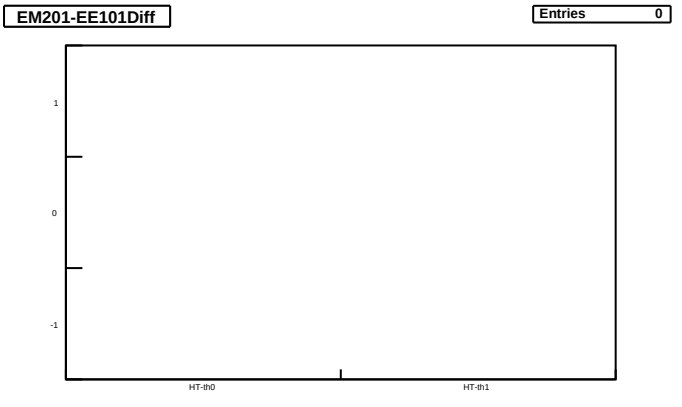

EM201-BC105
Entries 909405
1
0
60289
48405
13740
4188
236
18460
1345
44
41563
40756
52640
87305
96857
100829
82885
99700
101001
59982
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2

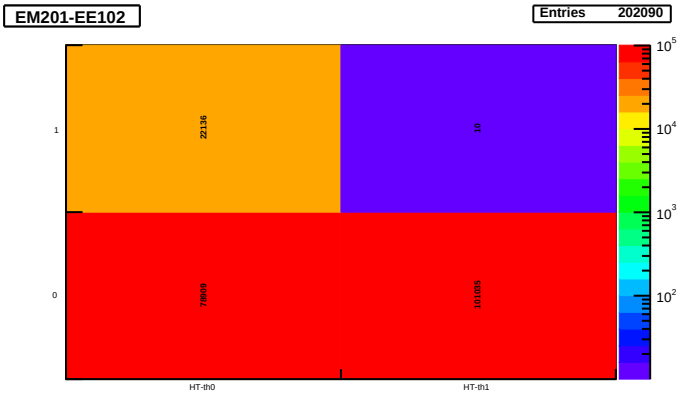

EM201-BC105Diff
Entries 122373
1
0
-1
42573
33002
9071
2590
145
12719
15632
6062
1129
50
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

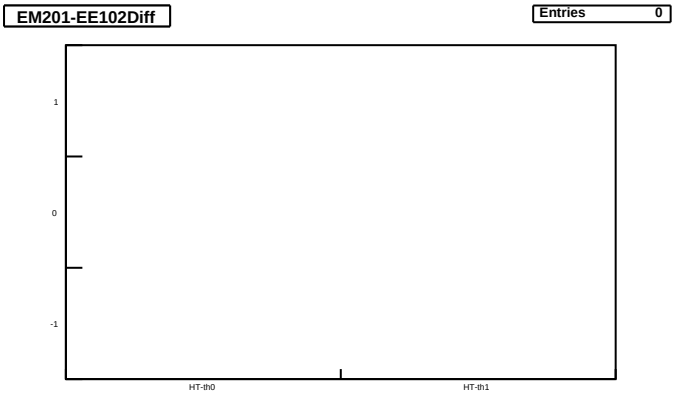

EM201-BC106
Entries 909405
1
0
59417
49098
14373
4117
266
17719
1340
34
40402
41628
51947
86672
96928
100779
83326
99705
101011
60643
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2

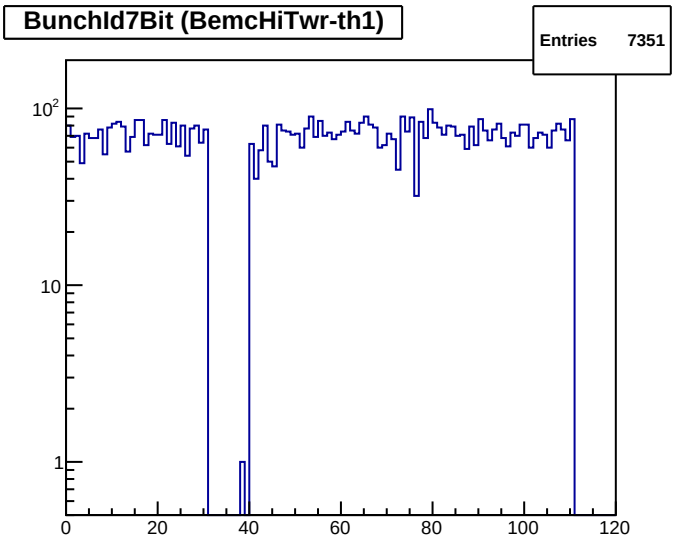

EM201-BC106Diff
Entries 123046
1
0
-1
41531
33622
9676
2484
153
13068
15478
9965
1107
62
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

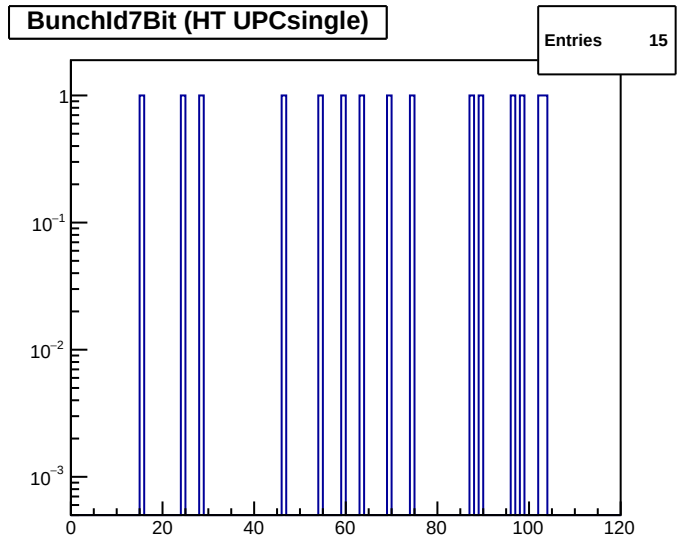

EM201-EE101
Entries 202090
1
0
21944
5
79101
103040
HT-th0
HT-th1
10^5
10^4
10^3
10^2
10

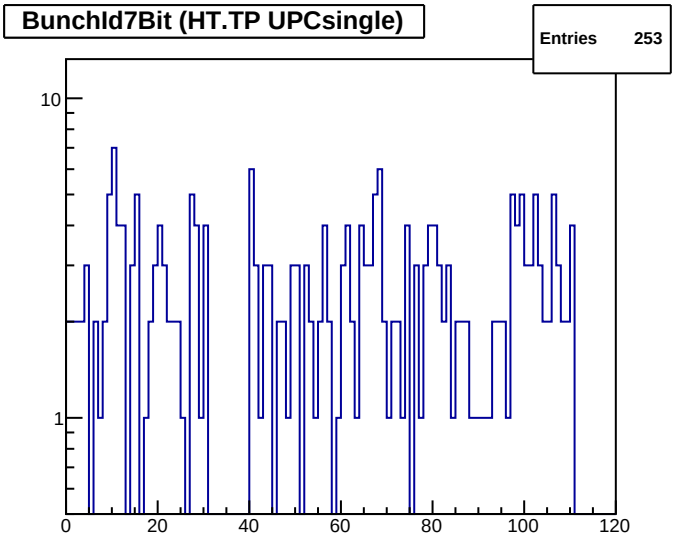

EM201-EE101Diff
Entries 0
1
0
-1
HT-th0
HT-th1

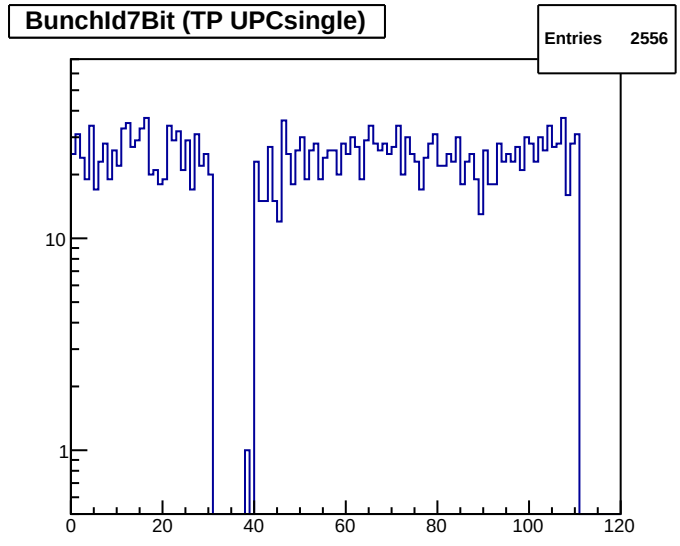

EM201-EE102
Entries 202090
1
0
22136
10
78899
101035
HT-th0
HT-th1
10^5
10^4
10^3
10^2

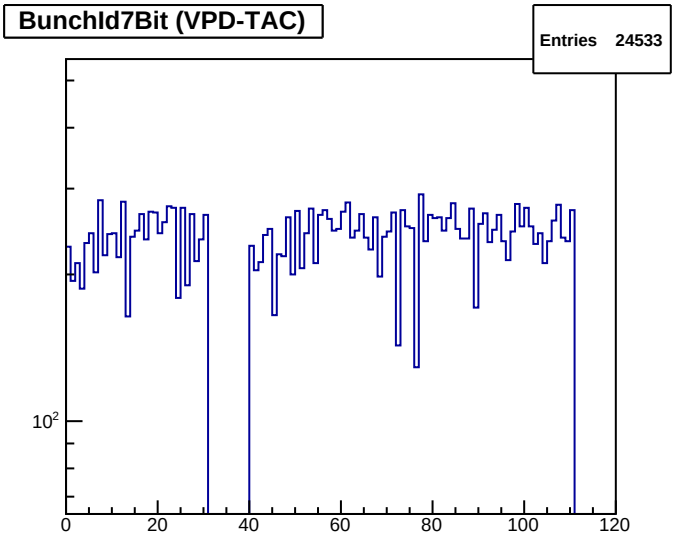

EM201-EE102Diff
Entries 0
1
0
-1
HT-th0
HT-th1

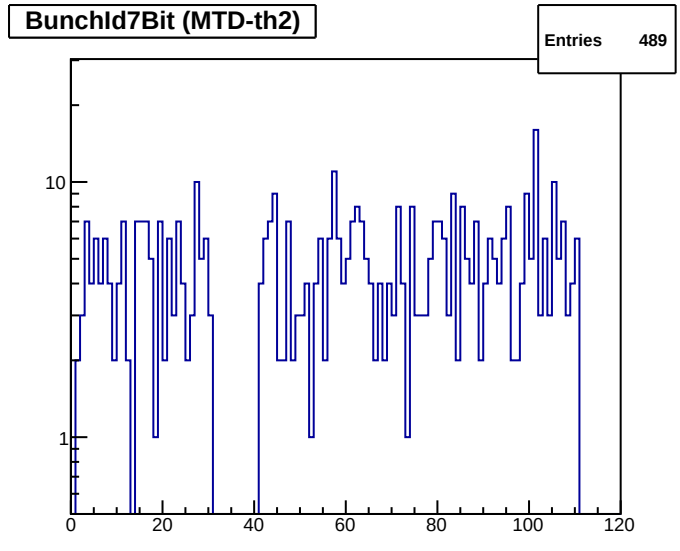

BunchId7Bit (BemcHiTwr-th1)
Entries 7351
10^2
10
1
0 20 40 60 80 100 120

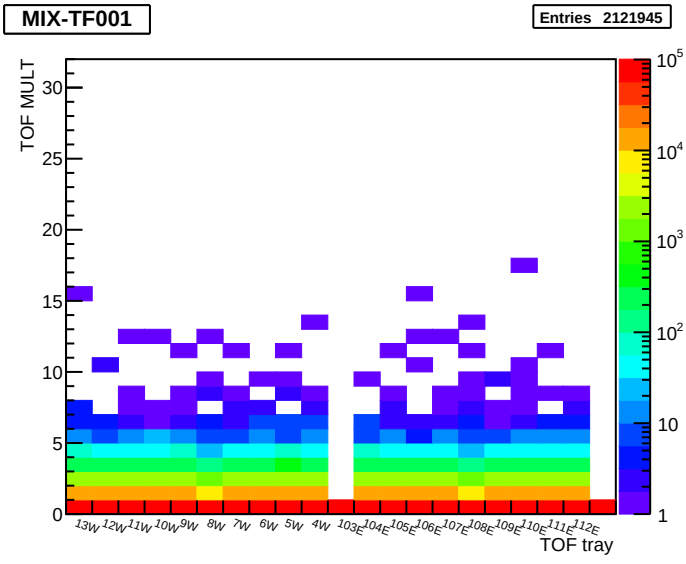

BunchId7Bit (HT UPCsingle)
Entries 15
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

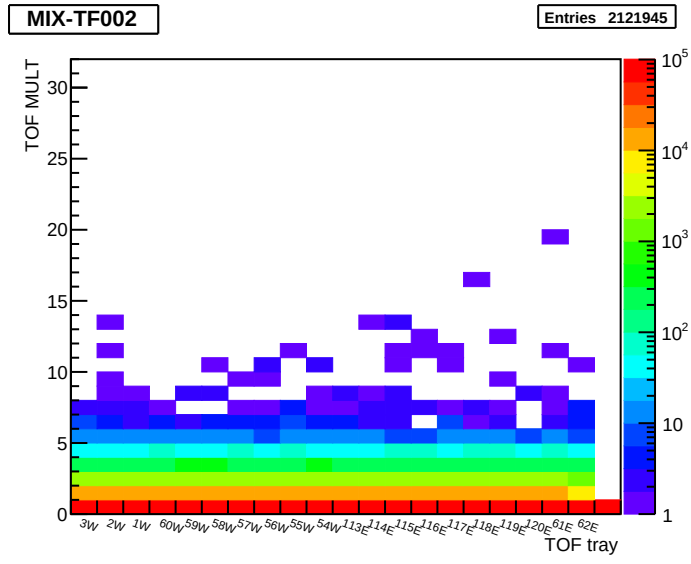

BunchId7Bit (HT.TP UPCsingle)
Entries 253
10
1
0 20 40 60 80 100 120

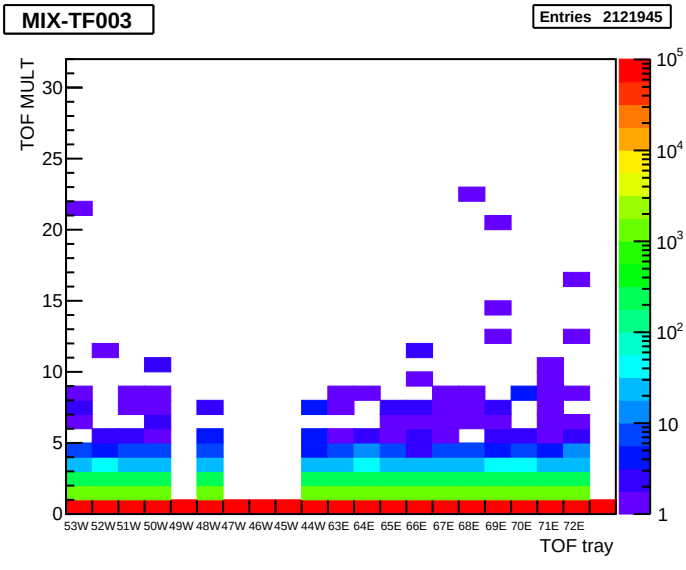

BunchId7Bit (TP UPCsingle)
Entries 2556
10
1
0 20 40 60 80 100 120

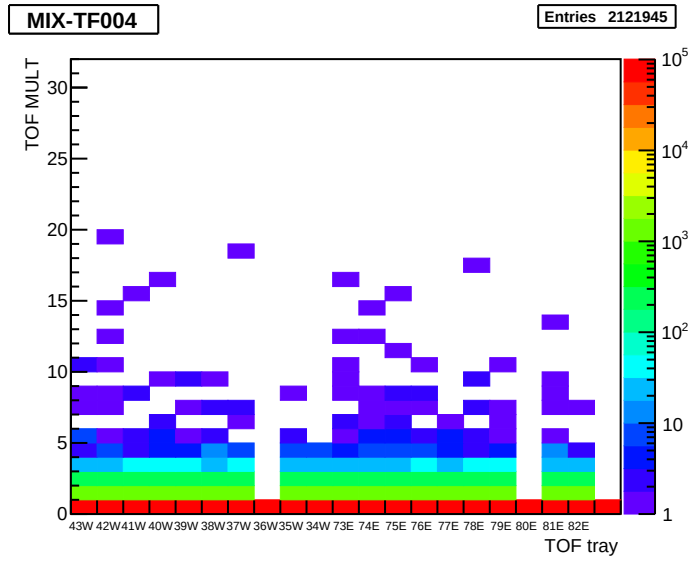

BunchId7Bit (VPD-TAC)
Entries 24533
10^2
0 20 40 60 80 100 120

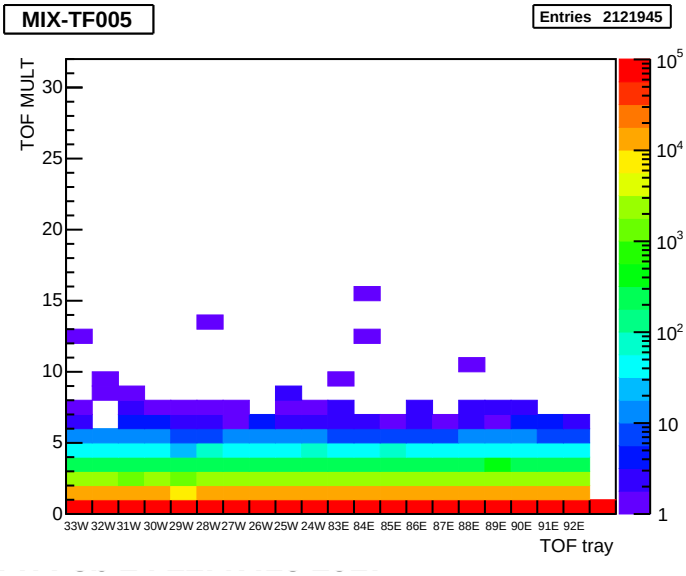

BunchId7Bit (MTD-th2)
Entries 489
10
1
0 20 40 60 80 100 120

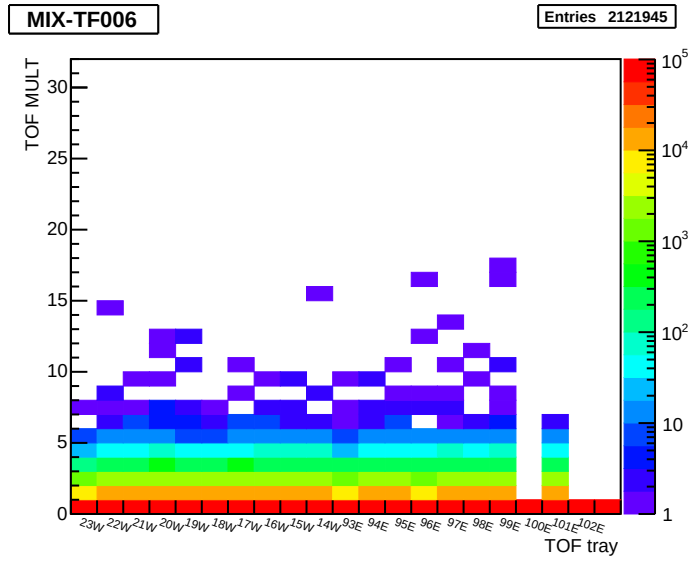

MIX-TF001
Entries 2121945
TOF MULT
TOF tray

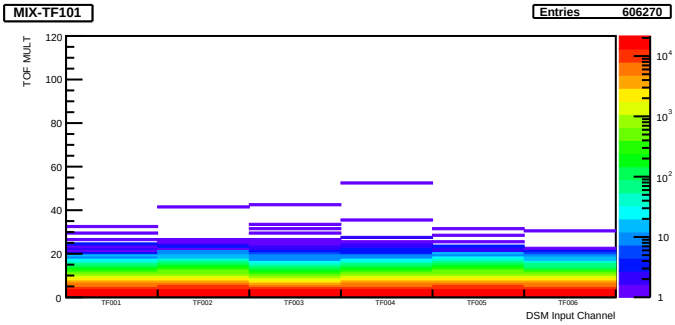

MIX-TF002
Entries 2121945
TOF MULT
TOF tray

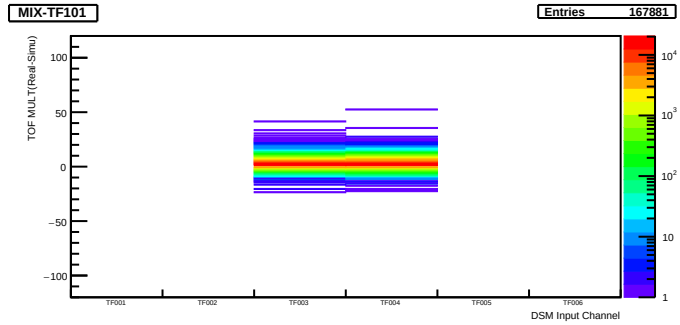

MIX-TF003
Entries 2121945
TOF MULT
TOF tray

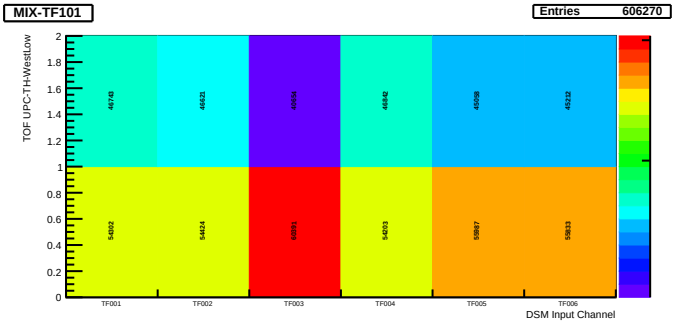

MIX-TF004
Entries 2121945
TOF MULT
TOF tray

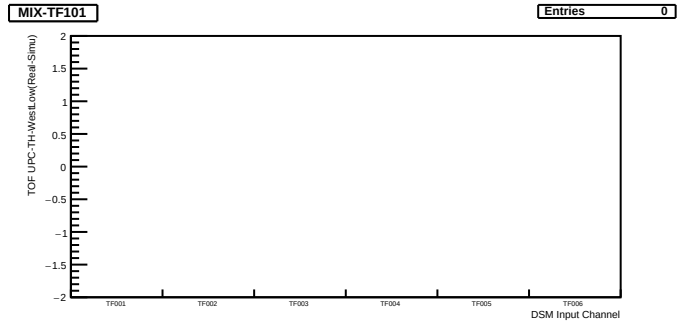

MIX-TF005
Entries 2121945
TOF MULT
TOF tray

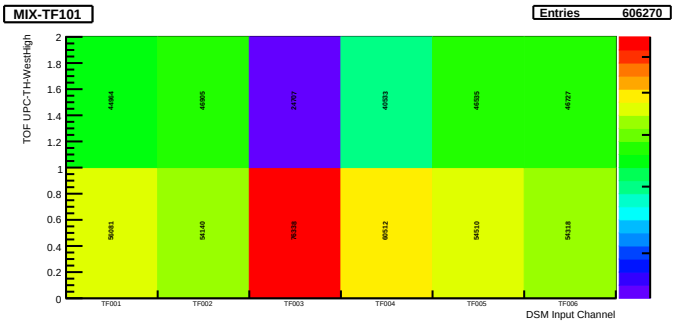

MIX-TF006
Entries 2121945
TOF MULT
TOF tray

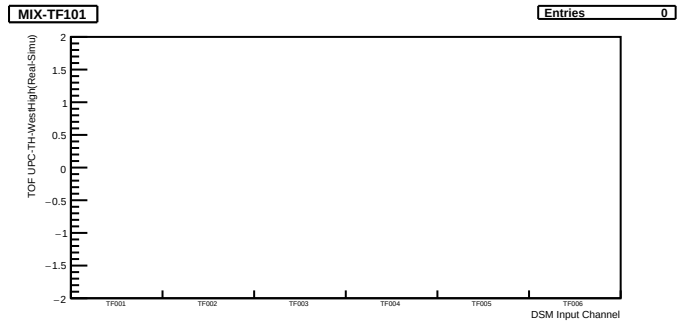

MIX-TF101
Entries 606270
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

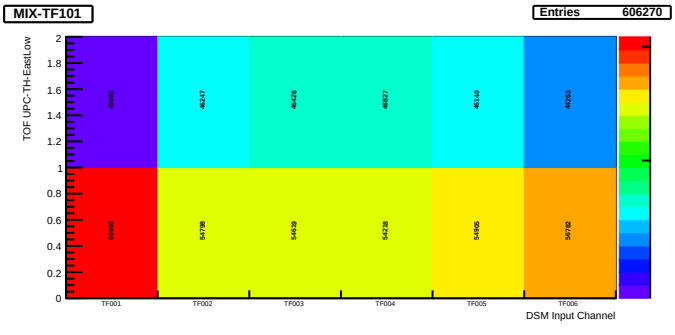

MIX-TF101
Entries 167881
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

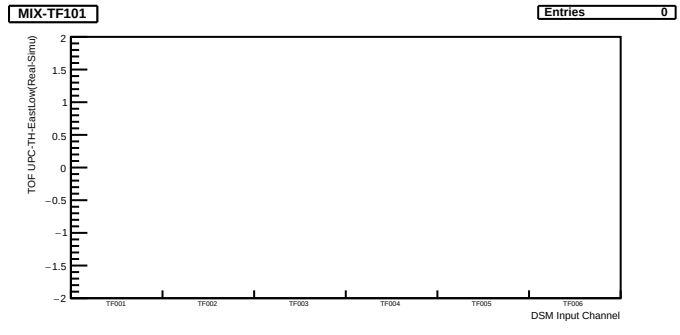

MIX-TF101
Entries 606270
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

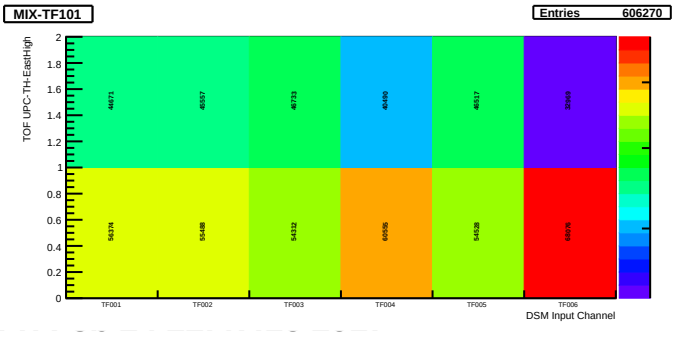

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

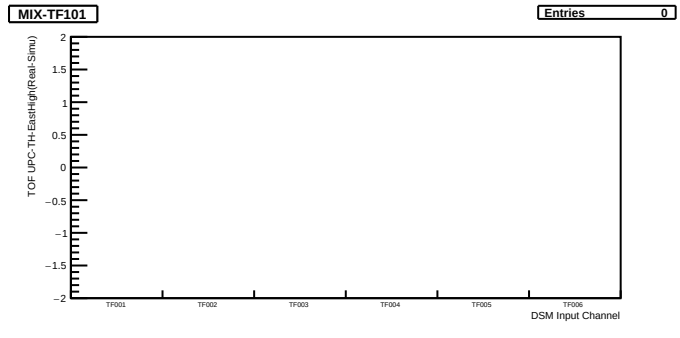

MIX-TF101
Entries 606270
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

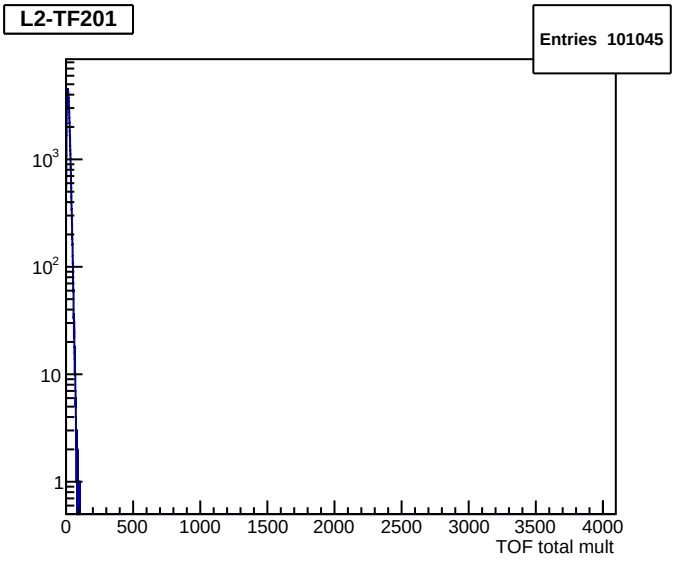

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

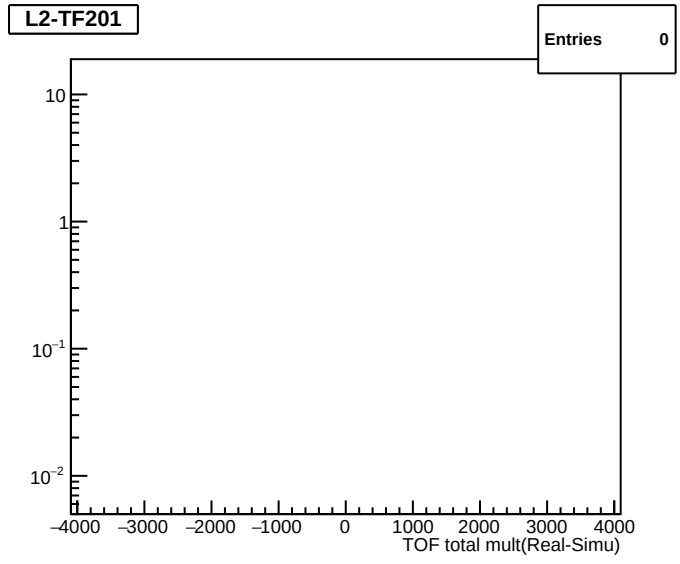

MIX-TF101
Entries 606270
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

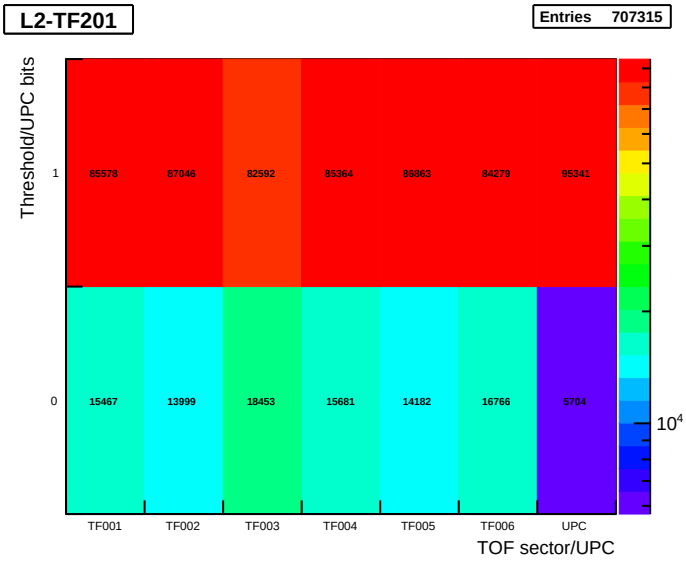

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

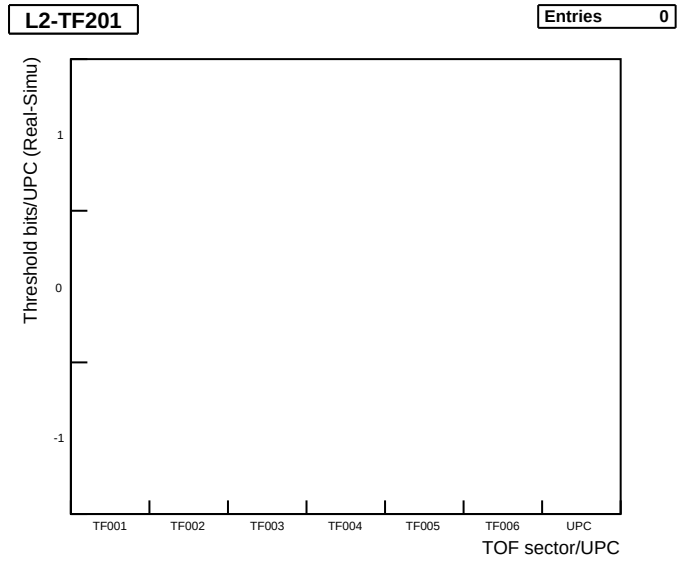

MIX-TF101
Entries 606270
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

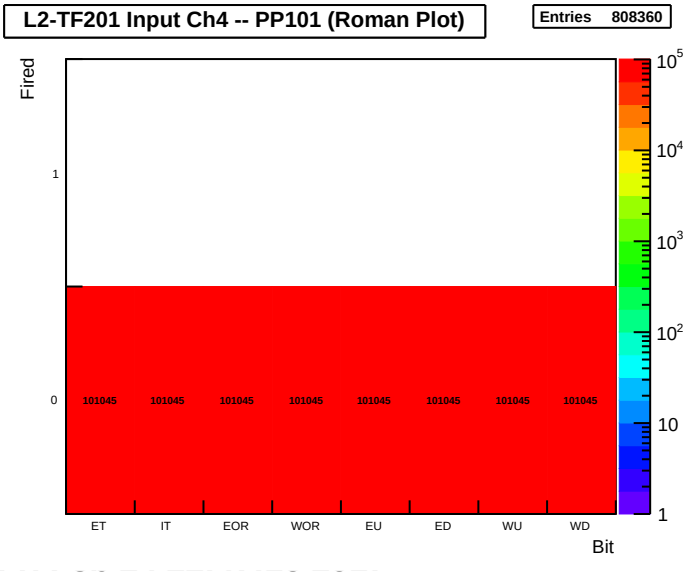

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

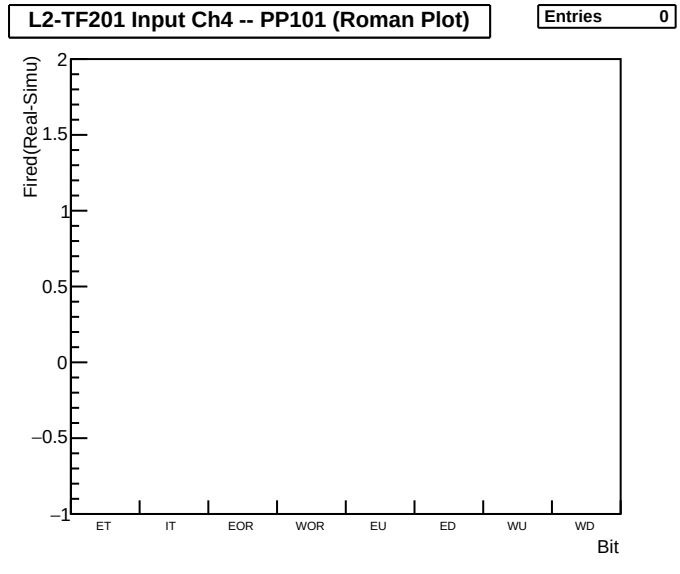

L2-TF201
Entries 101045
TOF total mult

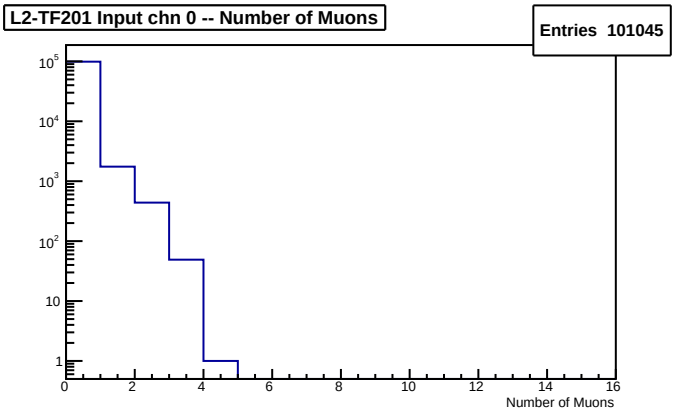

L2-TF201
Entries 0
TOF total mult(Real-Simu)

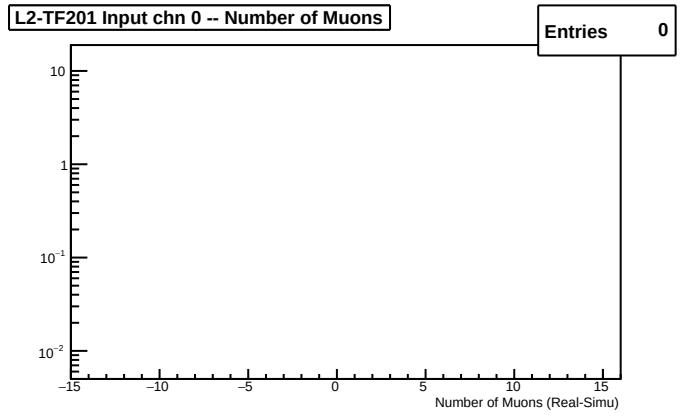

L2-TF201
Entries 707315
Threshold/UPC bits
85578 87046 82592 85364 86863 84279 95341
15467 13999 18453 15681 14182 16766 5704
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

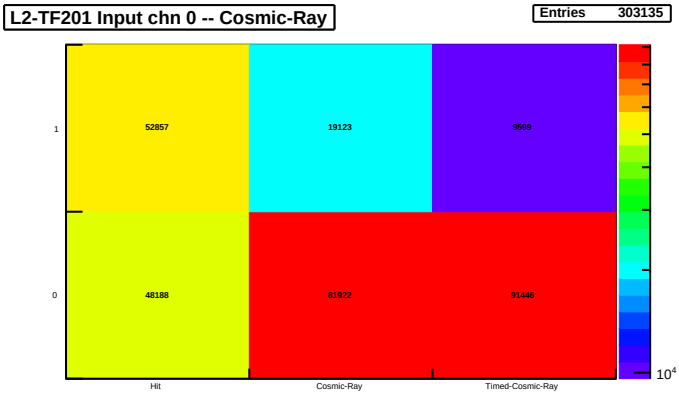

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

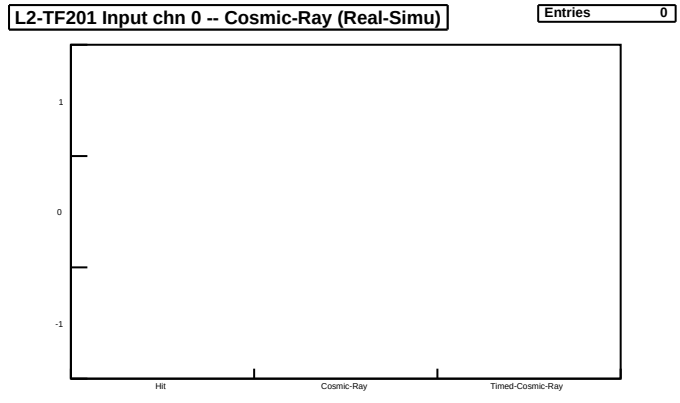

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 808360
Fired
101045 101045 101045 101045 101045 101045 101045 101045
ET IT EOR WOR EU ED WU WD
Bit

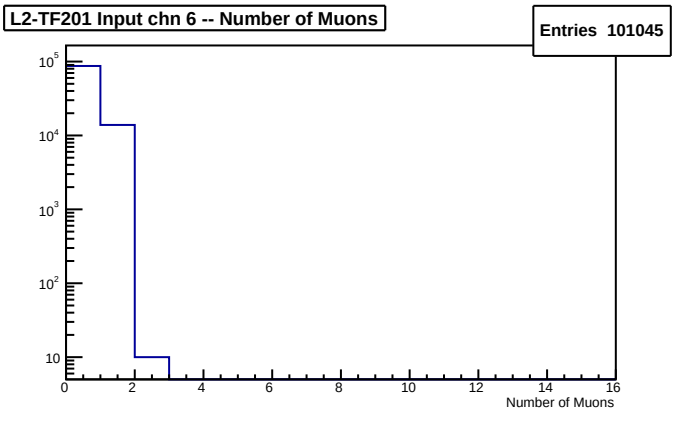

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

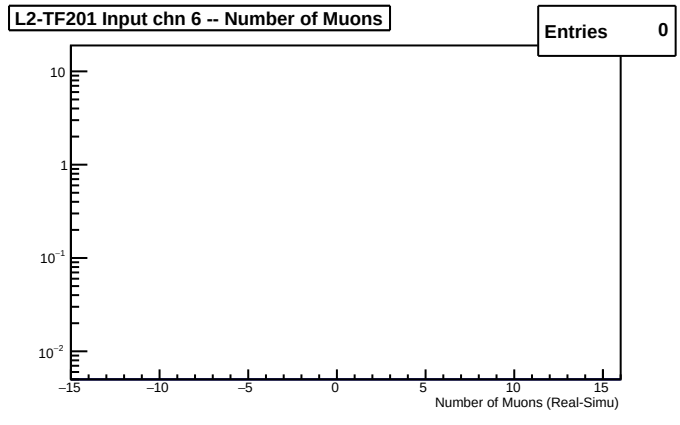

L2-TF201 Input chn 0 -- Number of Muons
Entries 101045
Number of Muons

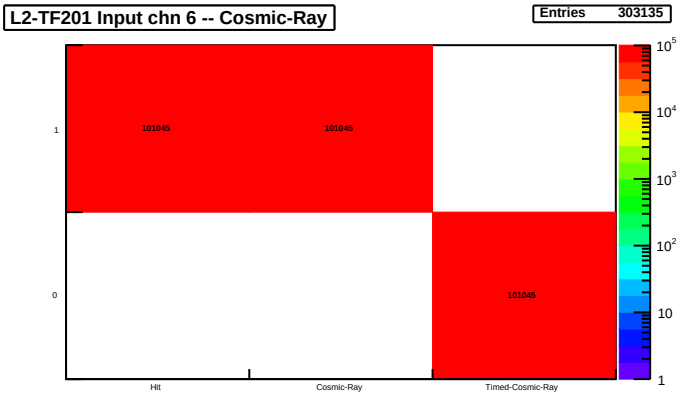

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

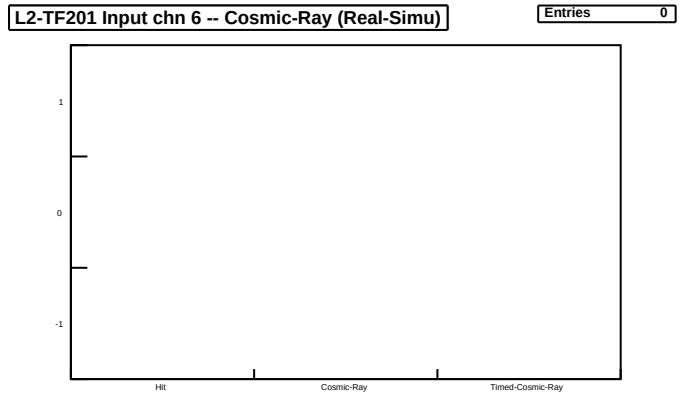

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 303135
52857
19123
9599
48188
81922
91446
Hit
Cosmic-Ray
Timed-Cosmic-Ray

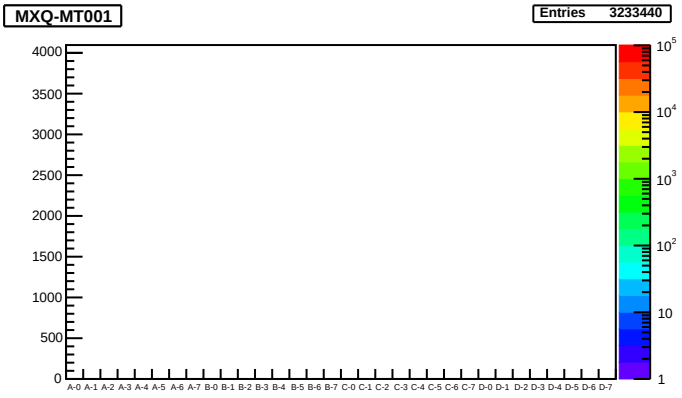

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

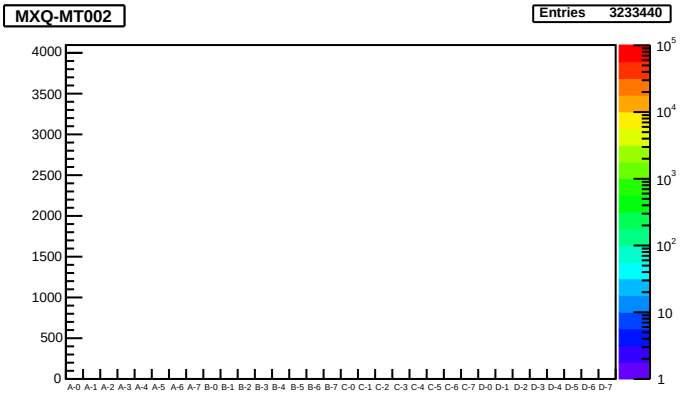

L2-TF201 Input chn 6 -- Number of Muons
Entries 101045
Number of Muons

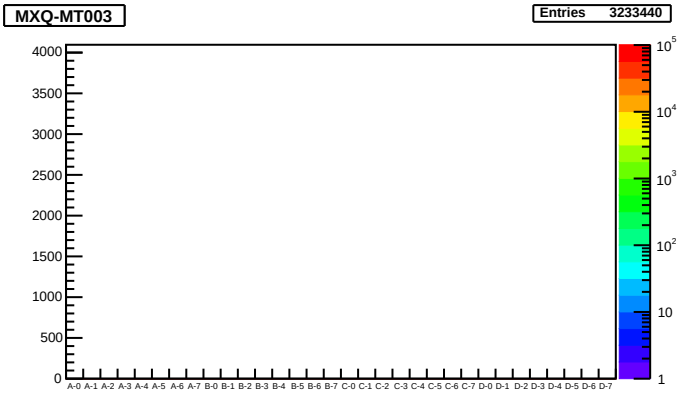

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

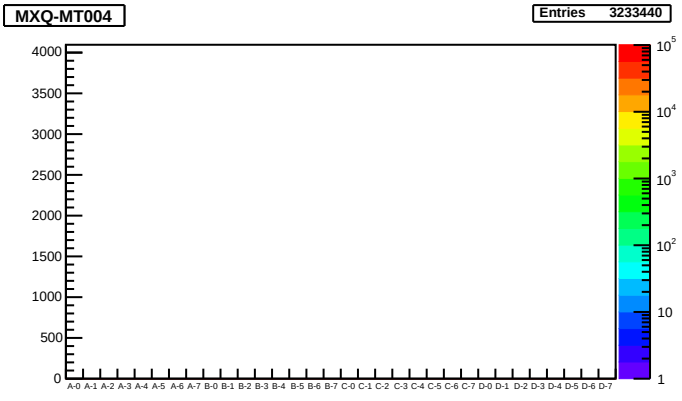

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 303135
101045
101045
101045
Hit
Cosmic-Ray
Timed-Cosmic-Ray

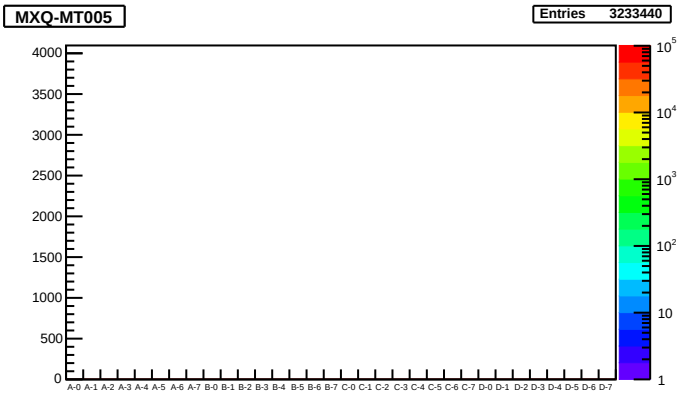

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

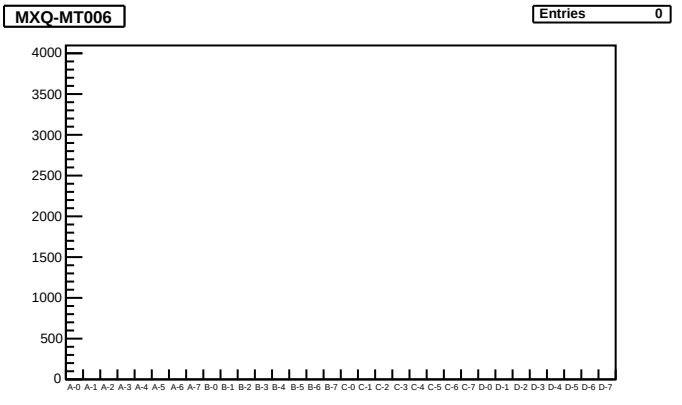

MXQ-MT001
Entries 3233440

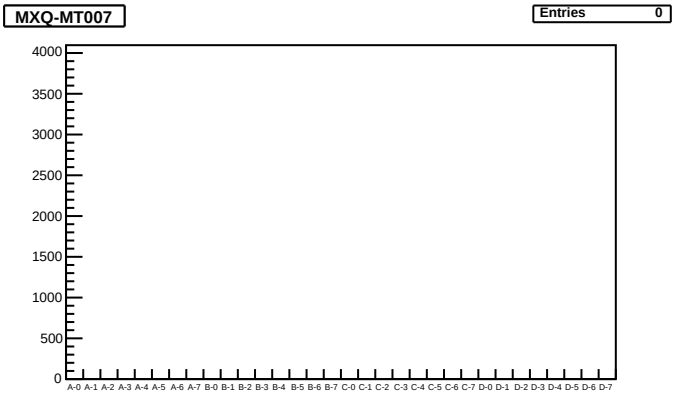

MXQ-MT002
Entries 3233440

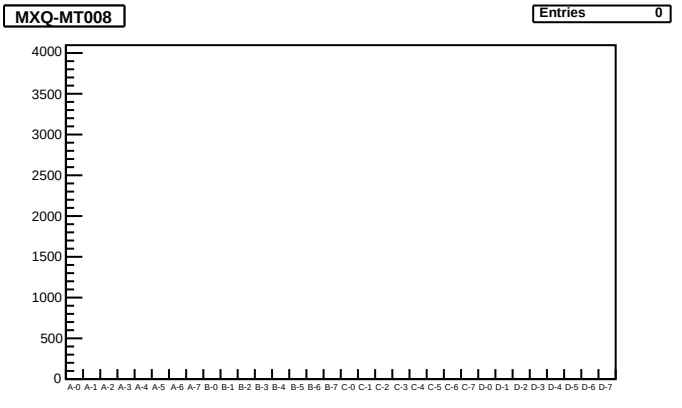

MXQ-MT003
Entries 3233440

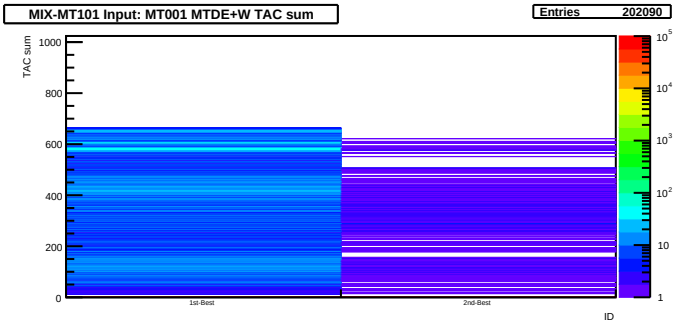

MXQ-MT004
Entries 3233440

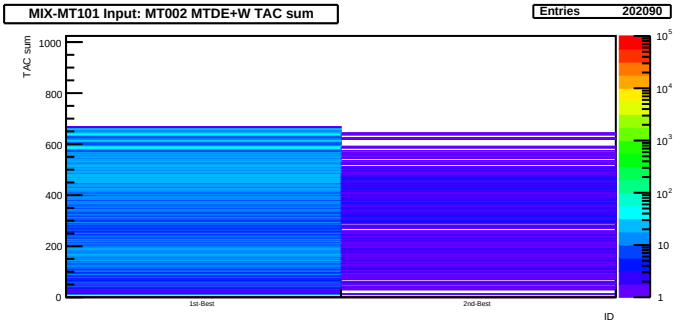

MXQ-MT005
Entries 3233440

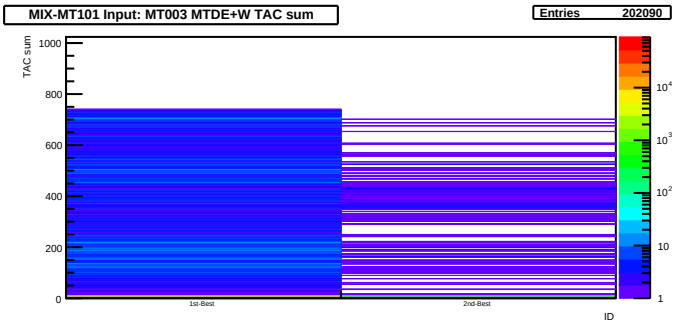

MXQ-MT006
Entries 0

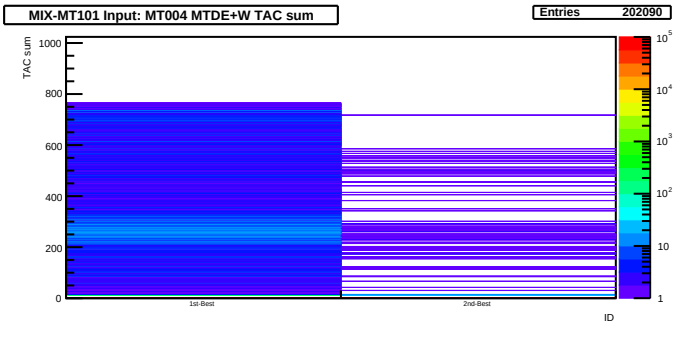

MXQ-MT007
Entries 0

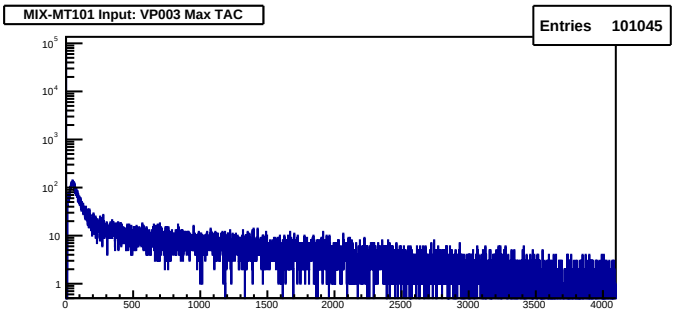

MXQ-MT008
Entries 0

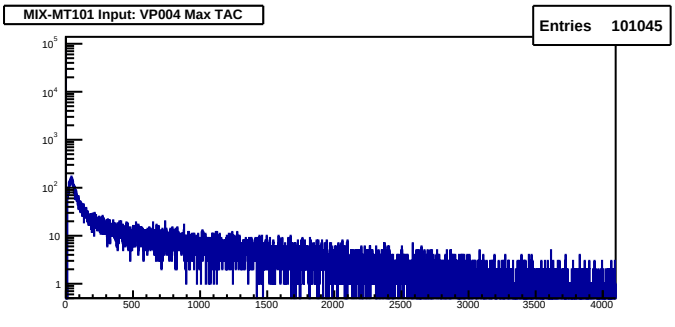

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 202090
TAC sum
1st-Best
2nd-Best
ID

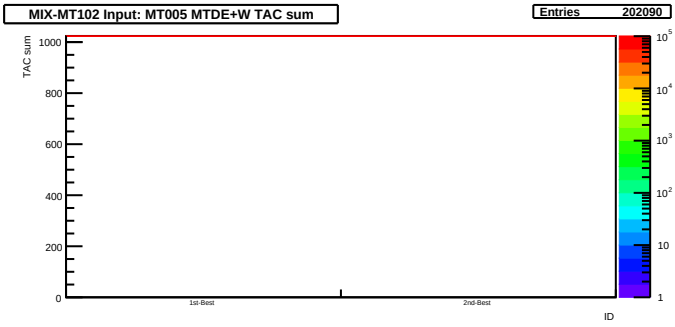

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 202090
TAC sum
1st-Best
2nd-Best
ID

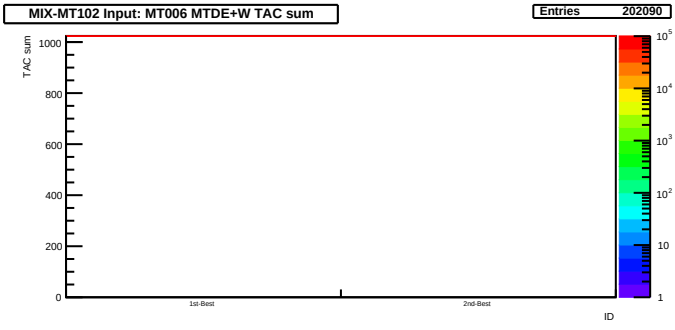

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 202090
TAC sum
1st-Best
2nd-Best
ID

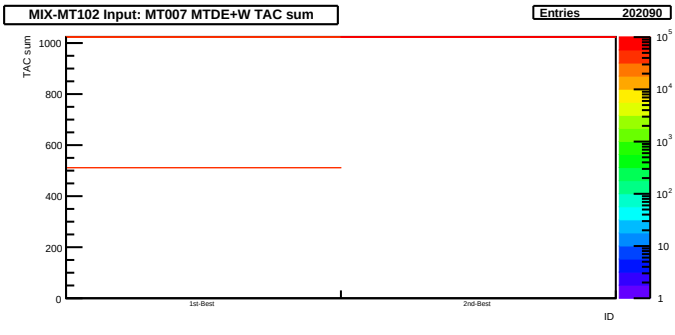

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 202090
TAC sum
1st-Best
2nd-Best
ID

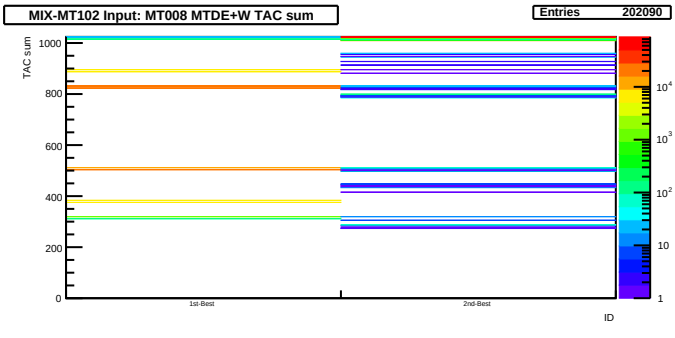

MIX-MT101 Input: VP003 Max TAC
Entries 101045

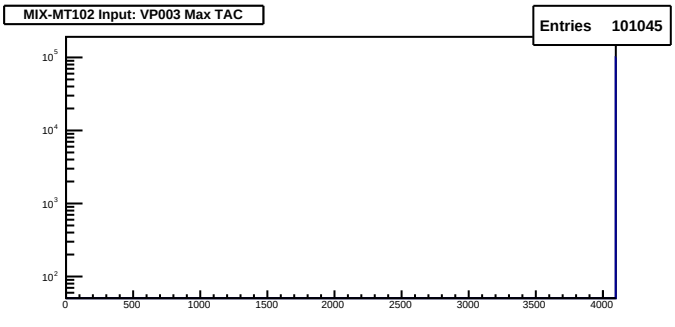

MIX-MT101 Input: VP004 Max TAC
Entries 101045

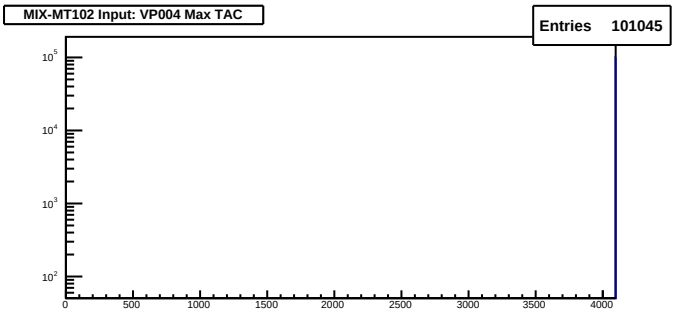

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 202090
TAC sum
1st-Best
2nd-Best
ID

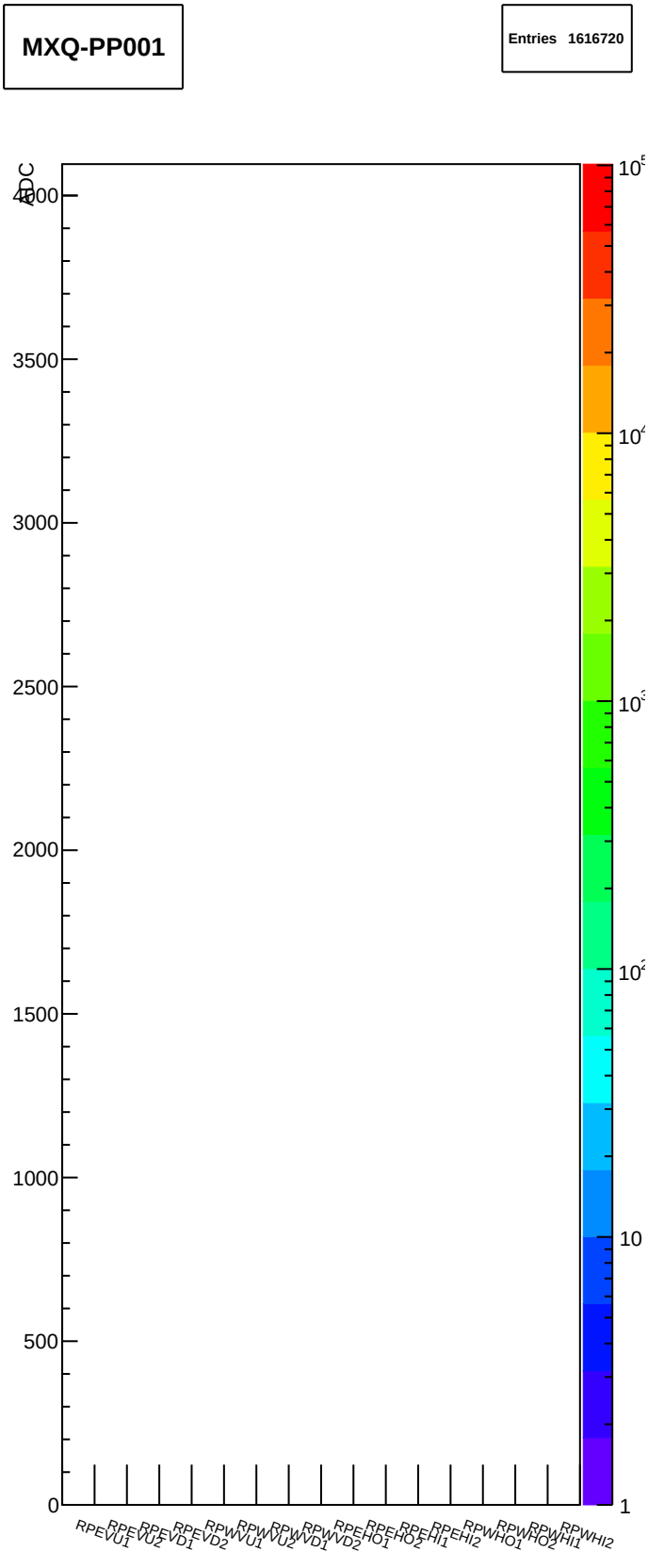

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 202090
TAC sum
1st-Best
2nd-Best
ID

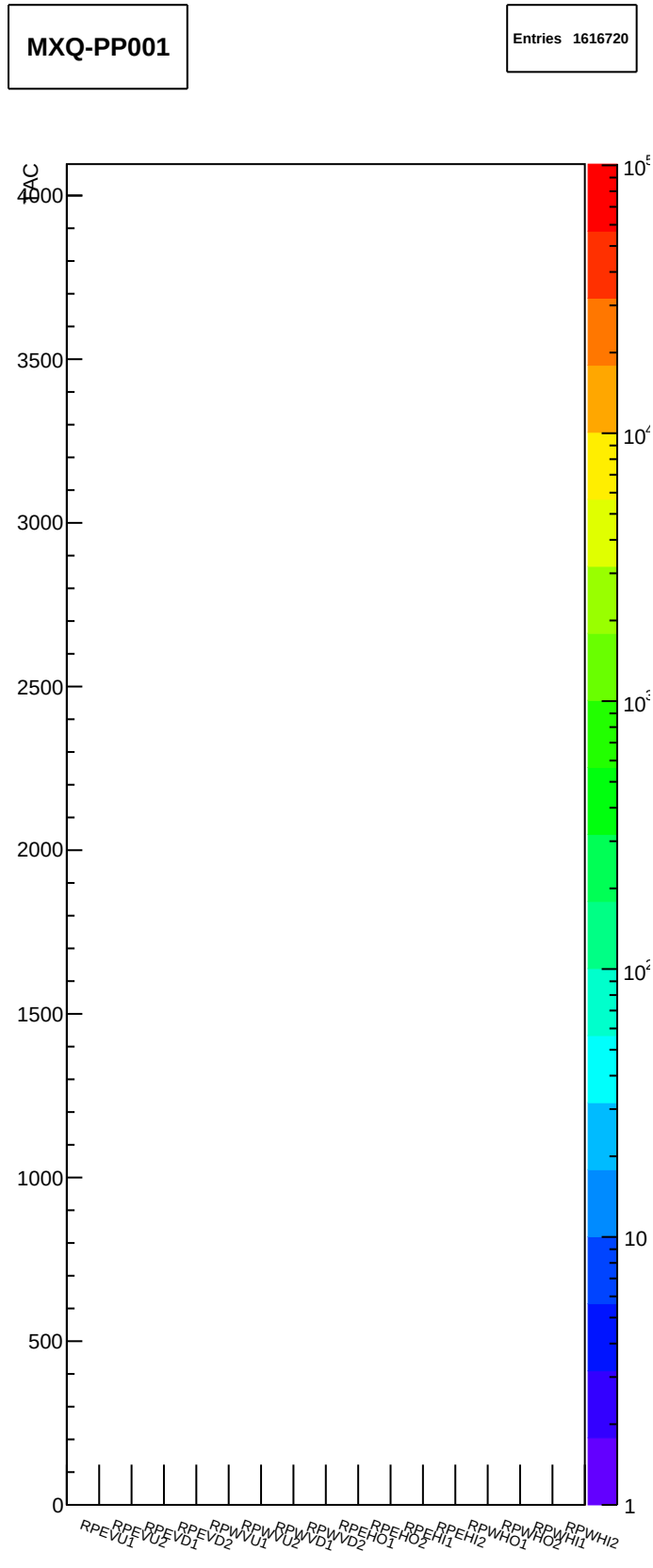

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 202090
TAC sum
1st-Best
2nd-Best
ID

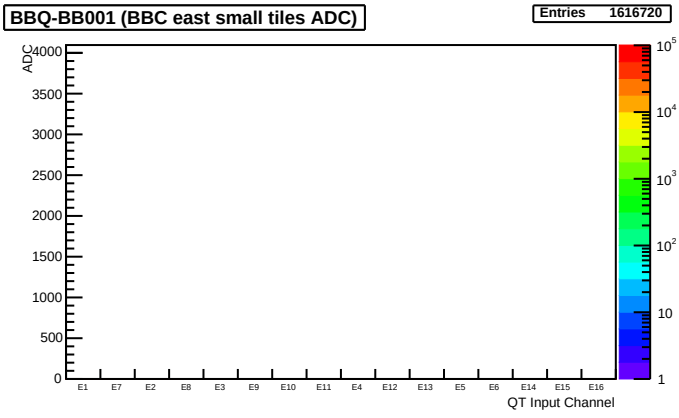

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 202090
TAC sum
1st-Best
2nd-Best
ID

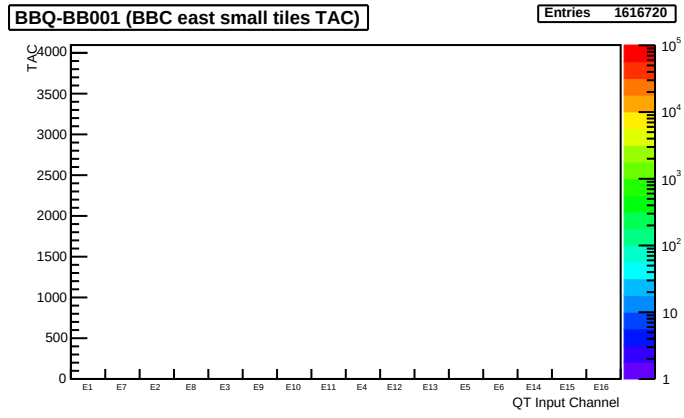

MIX-MT102 Input: VP003 Max TAC
Entries 101045

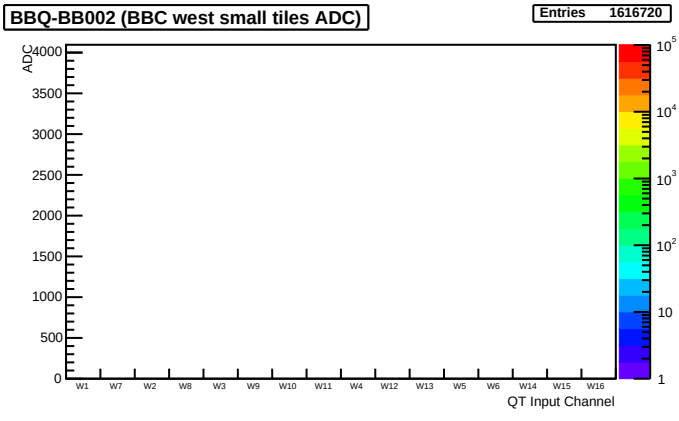

MIX-MT102 Input: VP004 Max TAC
Entries 101045

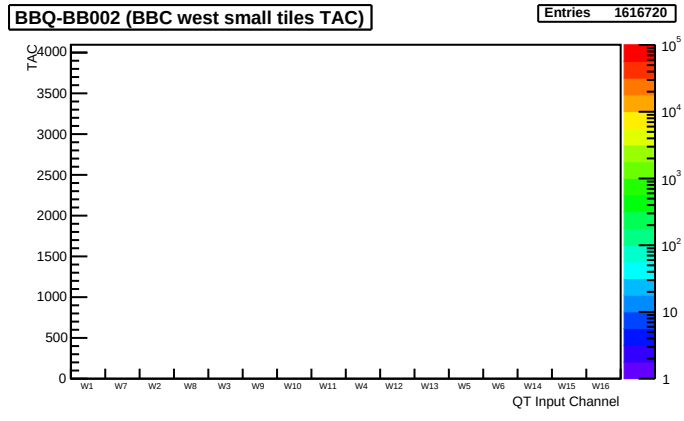

MXQ-PP001
Entries 1616720
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

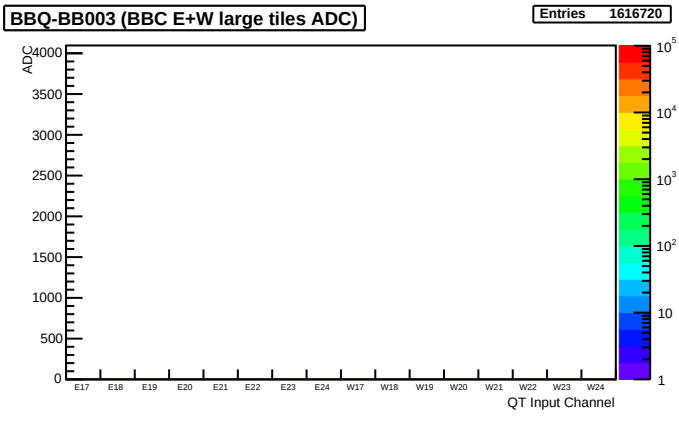

MXQ-PP001
Entries 1616720
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

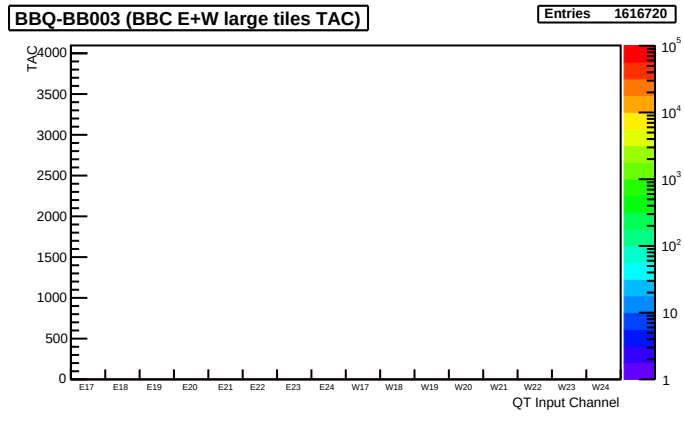

BBQ-BB001 (BBC east small tiles ADC)
Entries 1616720
ADC
QT Input Channel

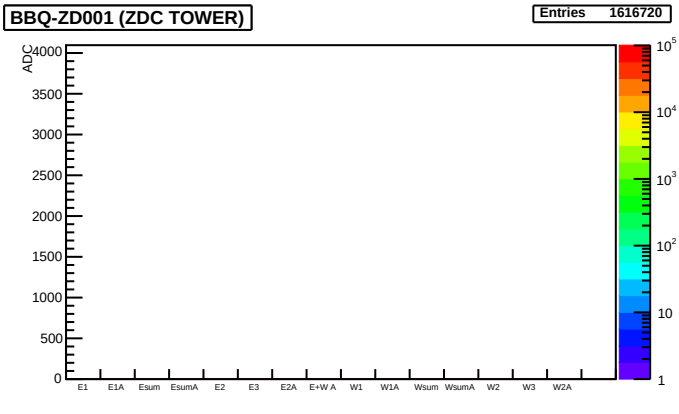

BBQ-BB001 (BBC east small tiles TAC)
Entries 1616720
TAC
QT Input Channel

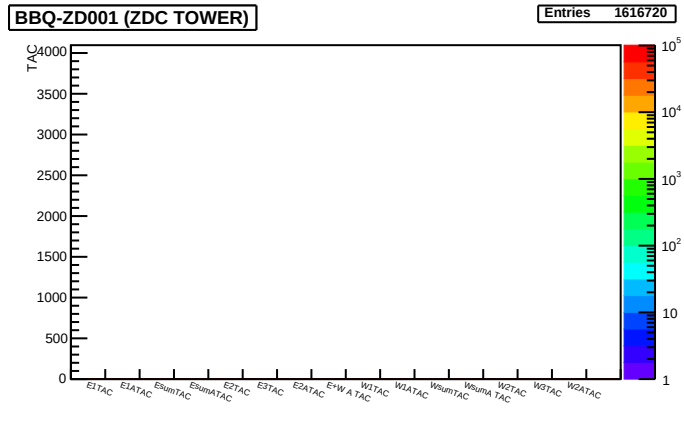

BBQ-BB002 (BBC west small tiles ADC)
Entries 1616720
ADC
QT Input Channel

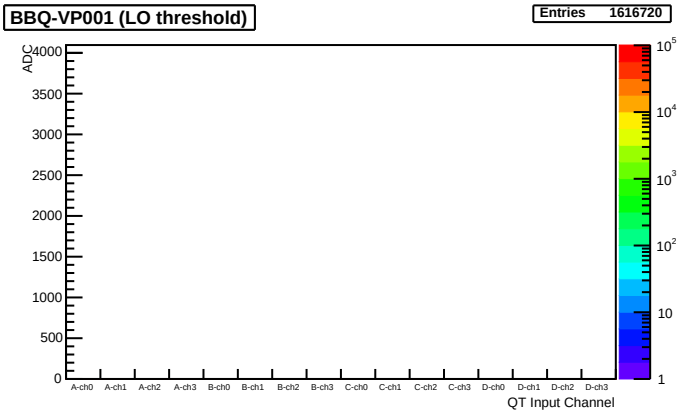

BBQ-BB002 (BBC west small tiles TAC)
Entries 1616720
TAC
QT Input Channel

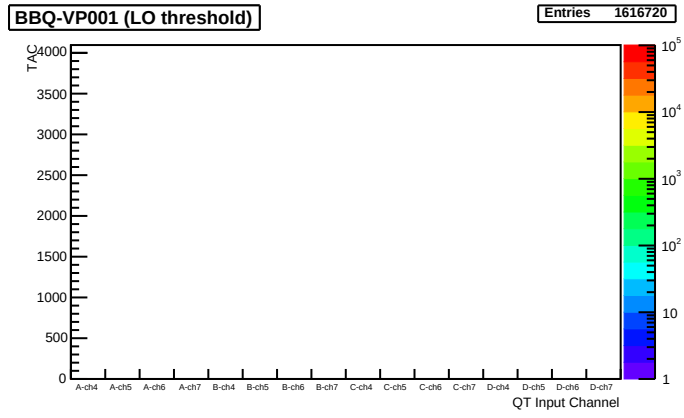

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1616720
ADC
QT Input Channel

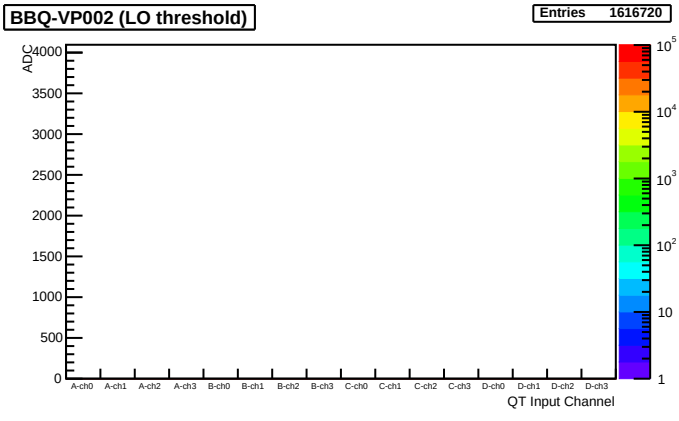

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1616720
TAC
QT Input Channel

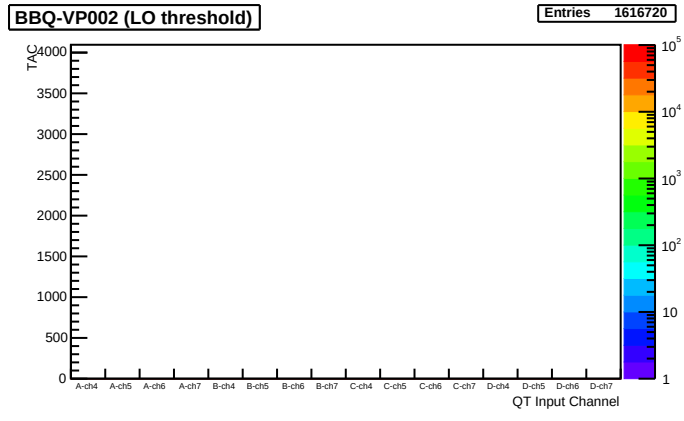

BBQ-ZD001 (ZDC TOWER)
Entries 1616720
ADC

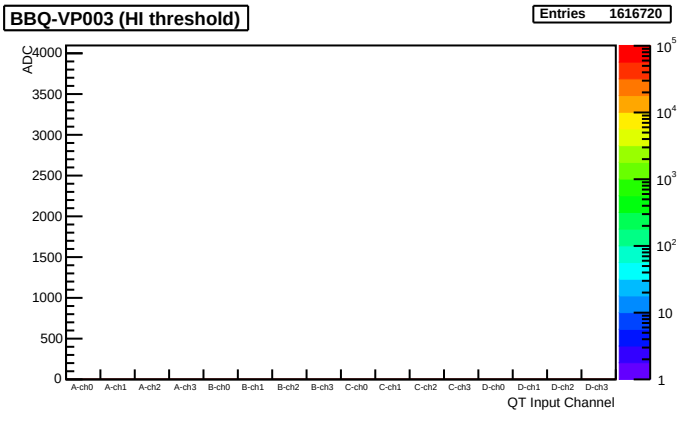

BBQ-ZD001 (ZDC TOWER)
Entries 1616720
TAC

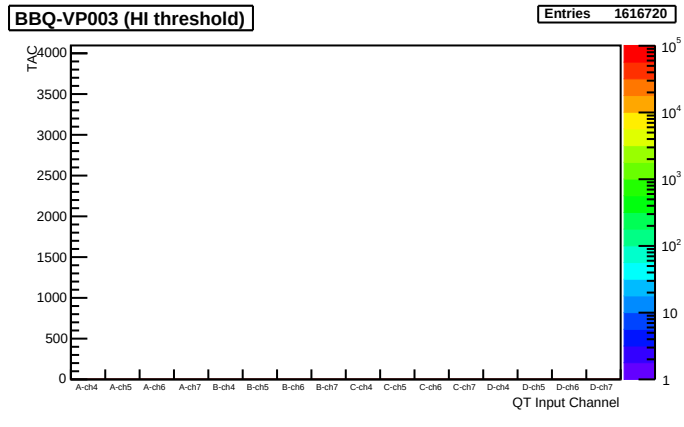

BBQ-VP001 (LO threshold)
Entries 1616720
ADC
QT Input Channel

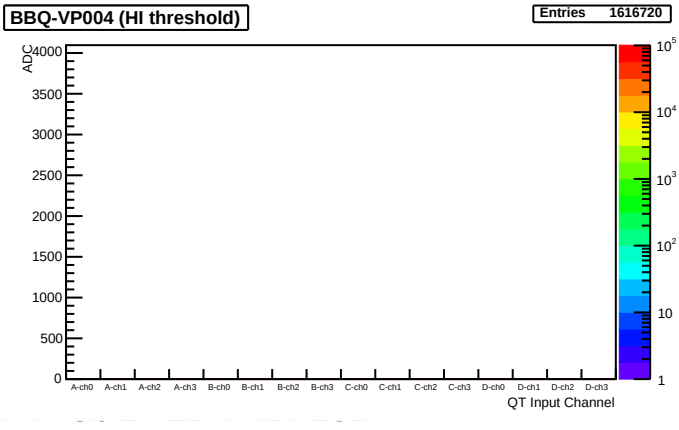

BBQ-VP001 (LO threshold)
Entries 1616720
TAC
QT Input Channel

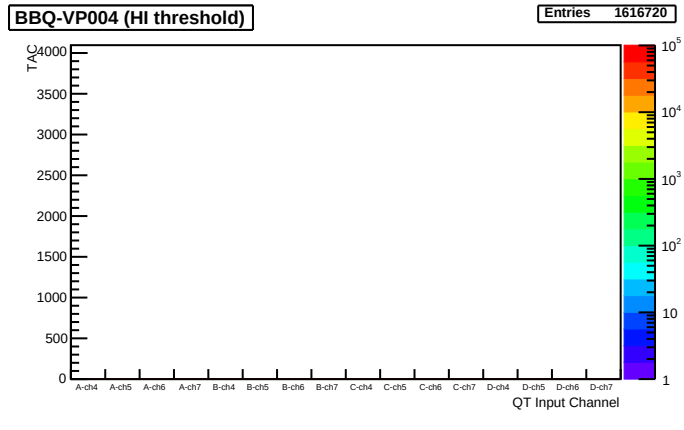

BBQ-VP002 (LO threshold)
Entries 1616720
ADC
QT Input Channel

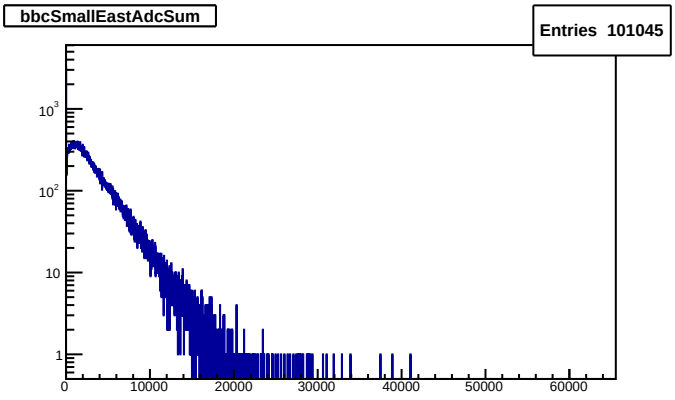

BBQ-VP002 (LO threshold)
Entries 1616720
TAC
QT Input Channel

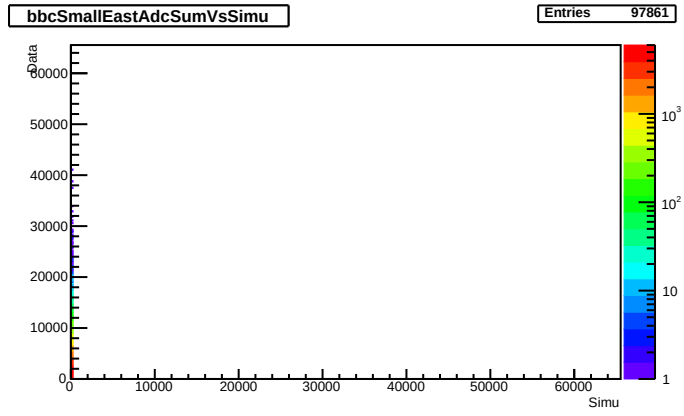

BBQ-VP003 (HI threshold)
Entries 1616720
ADC
QT Input Channel

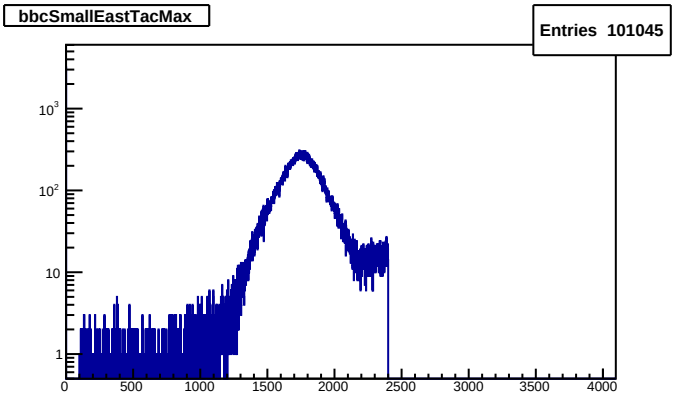

BBQ-VP003 (HI threshold)
Entries 1616720
TAC
QT Input Channel

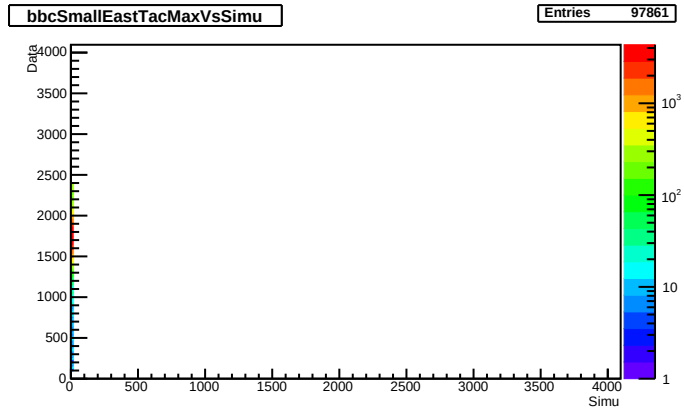

BBQ-VP004 (HI threshold)
Entries 1616720
ADC
QT Input Channel

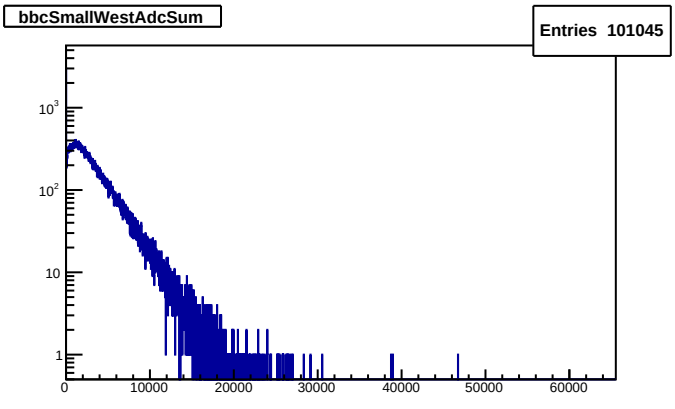

BBQ-VP004 (HI threshold)
Entries 1616720
TAC
QT Input Channel

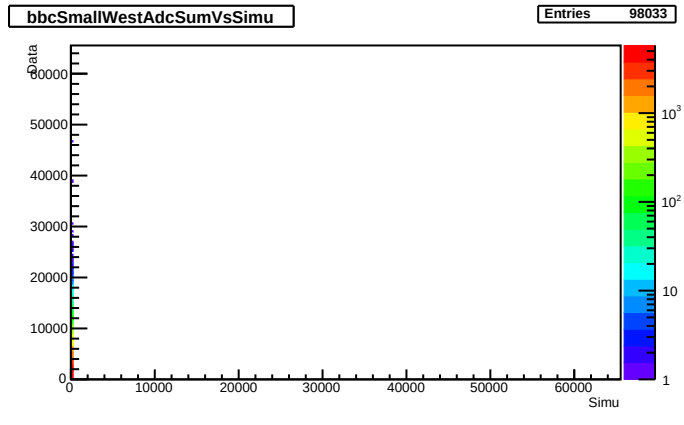

bbcSmallEastAdcSum
Entries 101045

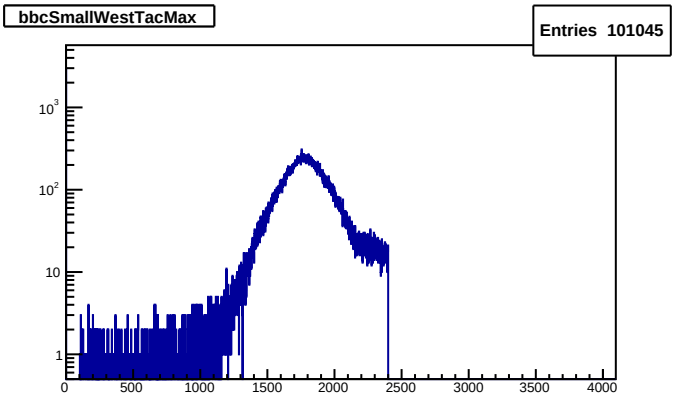

bbcSmallEastAdcSumVsSimu
Entries 97861
Data
Simu

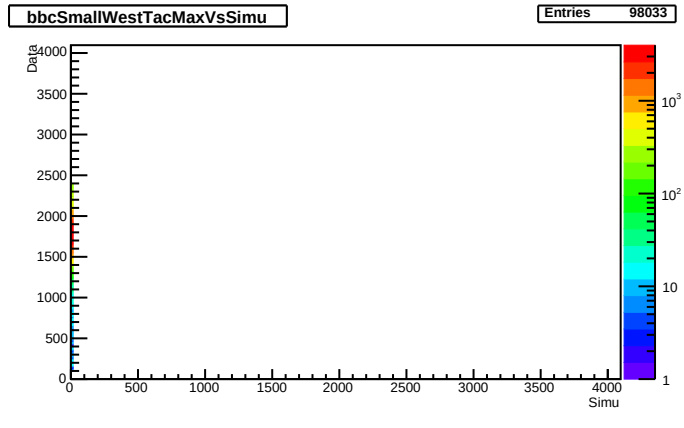

bbcSmallEastTacMax
Entries 101045

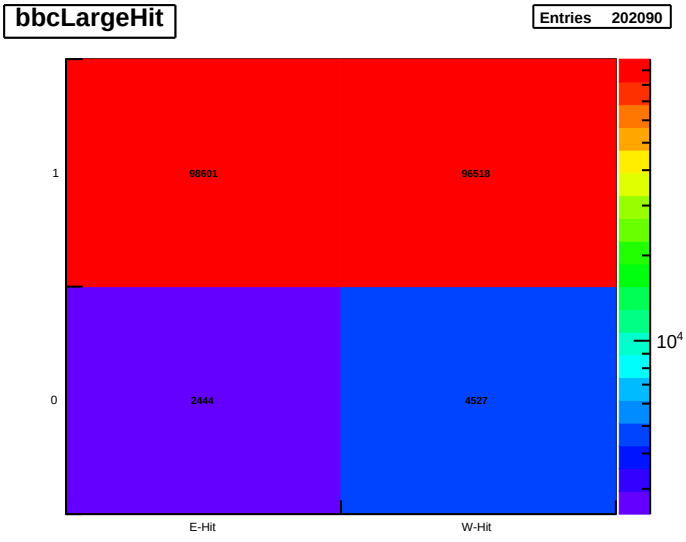

bbcSmallEastTacMaxVsSimu
Entries 97861
Data
Simu

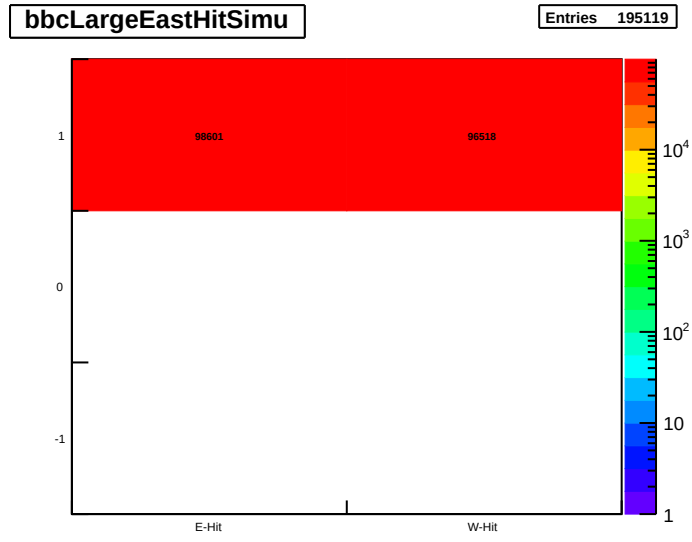

bbcSmallWestAdcSum
Entries 101045

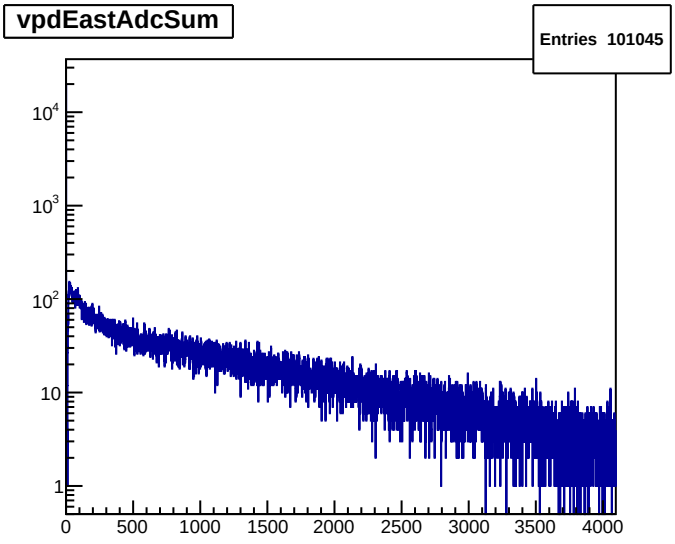

bbcSmallWestAdcSumVsSimu
Entries 98033
Data
Simu

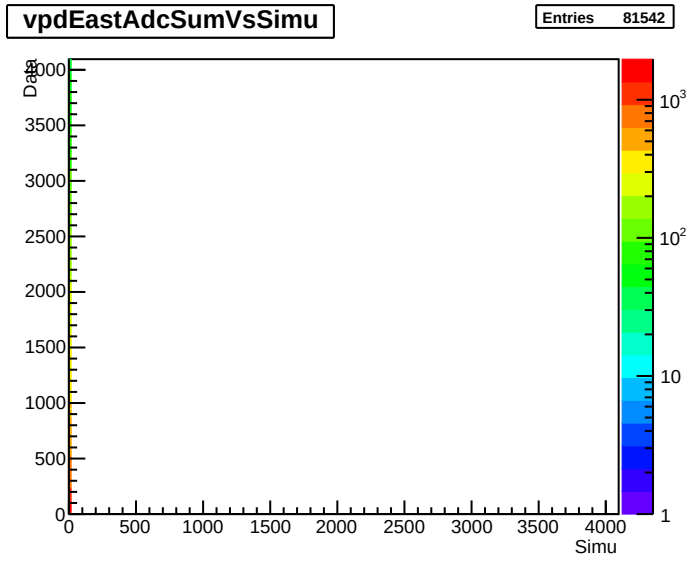

bbcSmallWestTacMax
Entries 101045

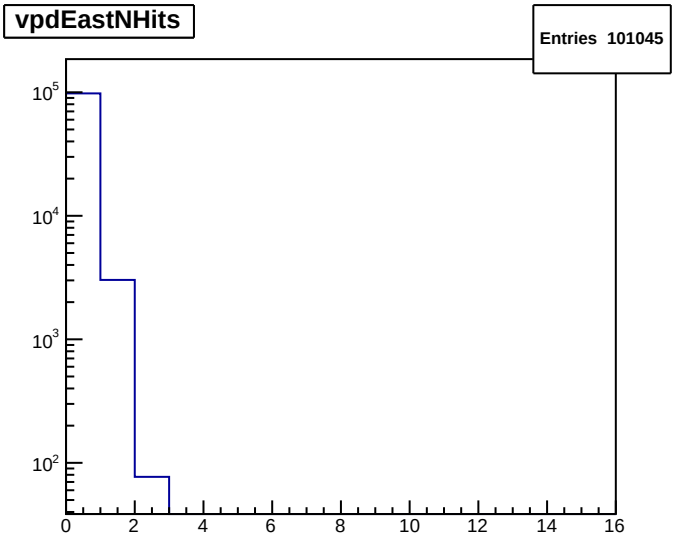

bbcSmallWestTacMaxVsSimu
Entries 98033
Data
Simu

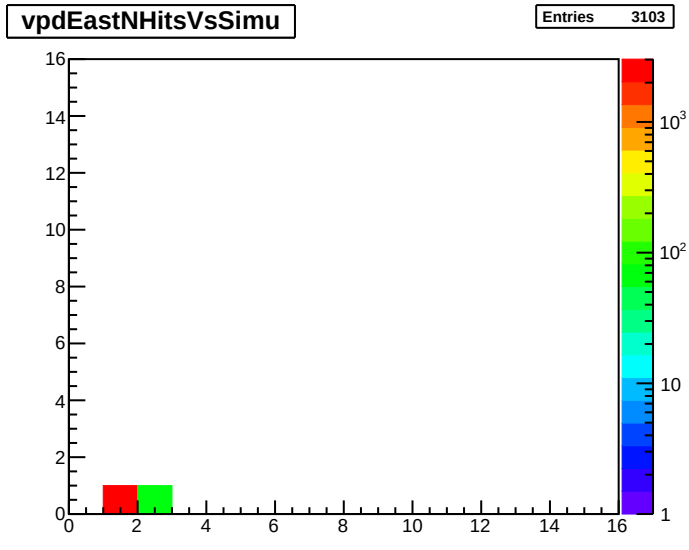

bbcLargeHit
Entries 202090
98601
96518
2444
4527
1
0
E-Hit
W-Hit
10^4

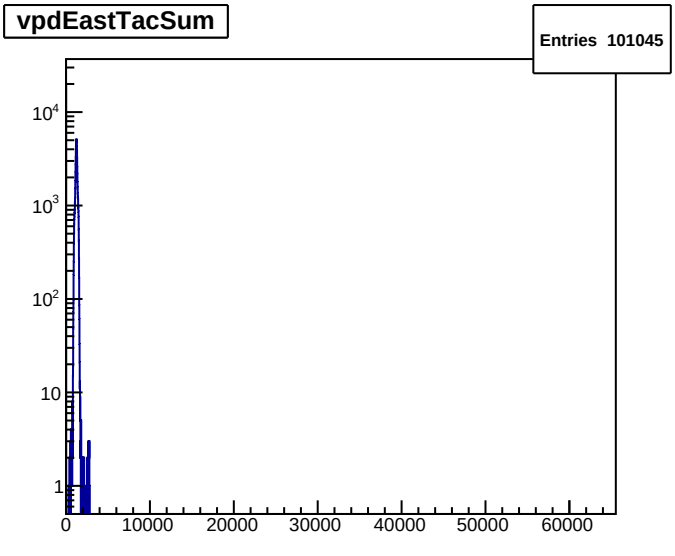

bbcLargeEastHitSimu
Entries 195119
98601
96518
1
0
-1
E-Hit
W-Hit
10^4
10^3
10^2
10
1

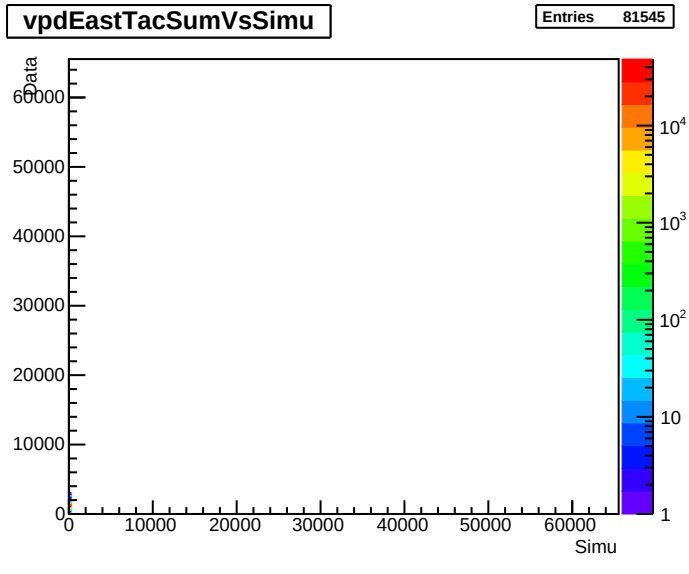

vpdEastAdcSum
Entries 101045

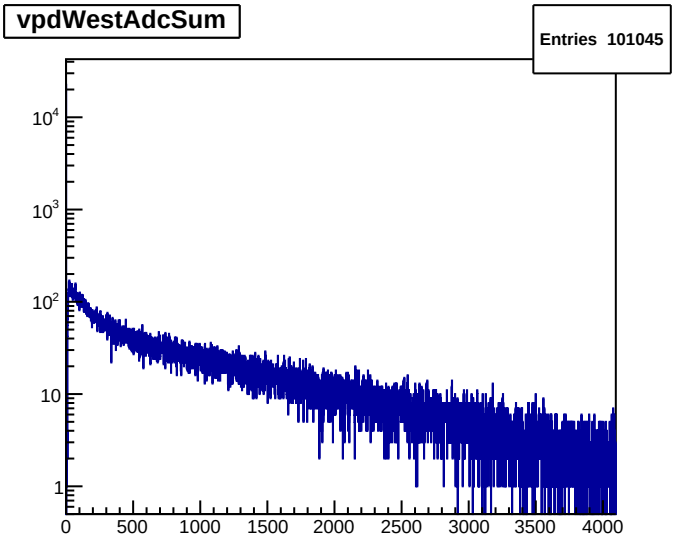

vpdEastAdcSumVsSimu
Entries 81542
Data
Simu

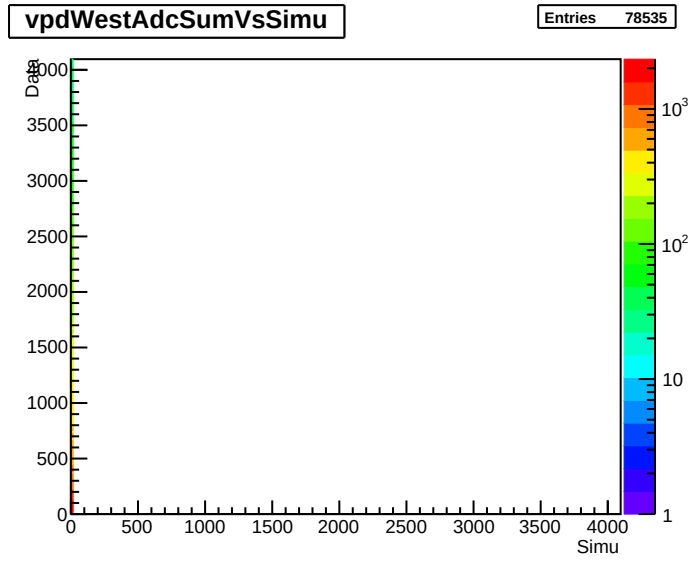

vpdEastNHits
Entries 101045

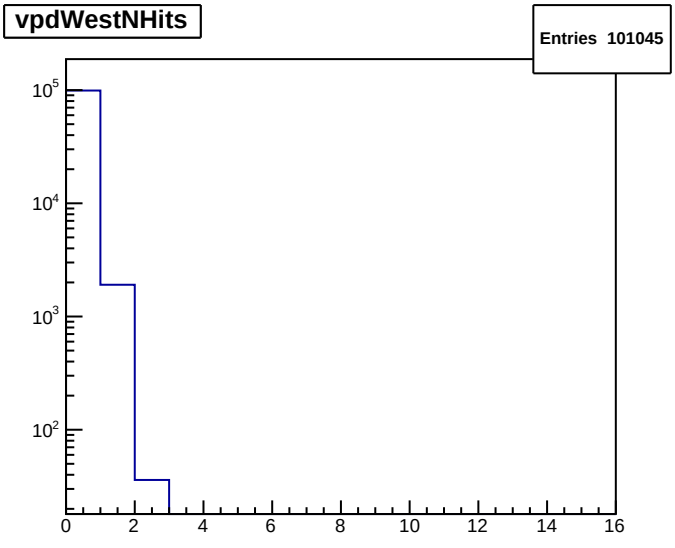

vpdEastNHitsVsSimu
Entries 3103

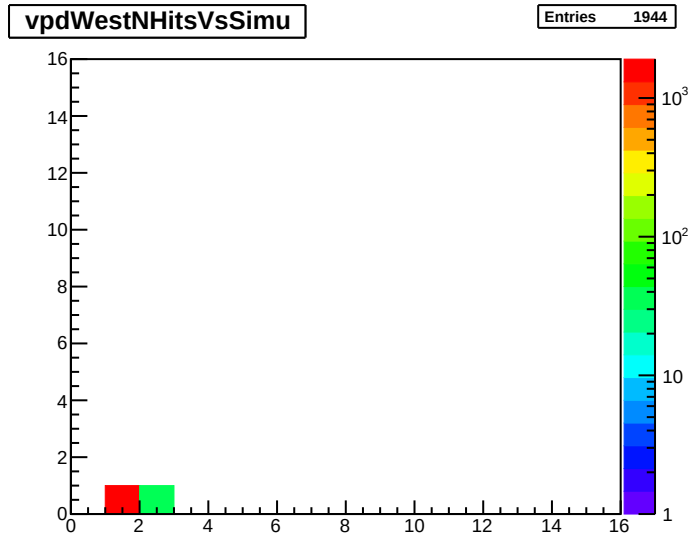

vpdEastTacSum
Entries 101045

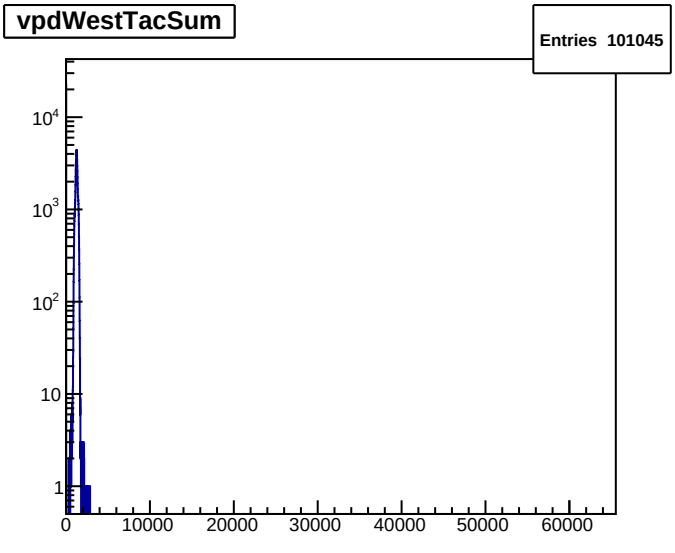

vpdEastTacSumVsSimu
Entries 81545
Data
Simu

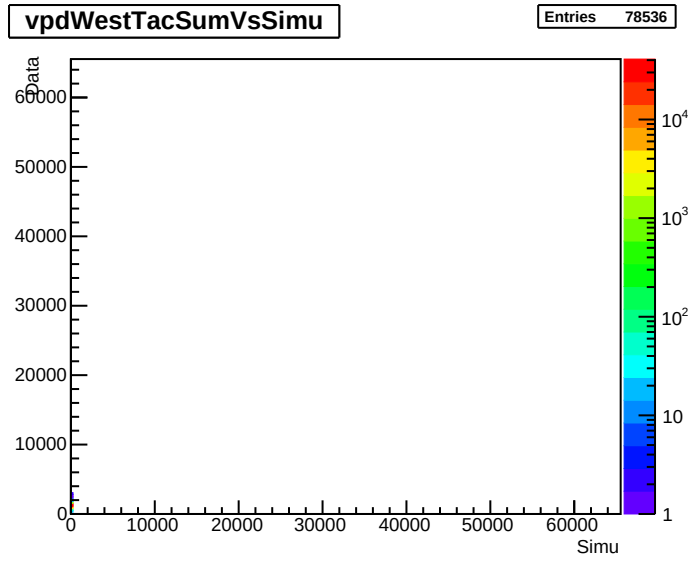

vpdWestAdcSum
Entries 101045

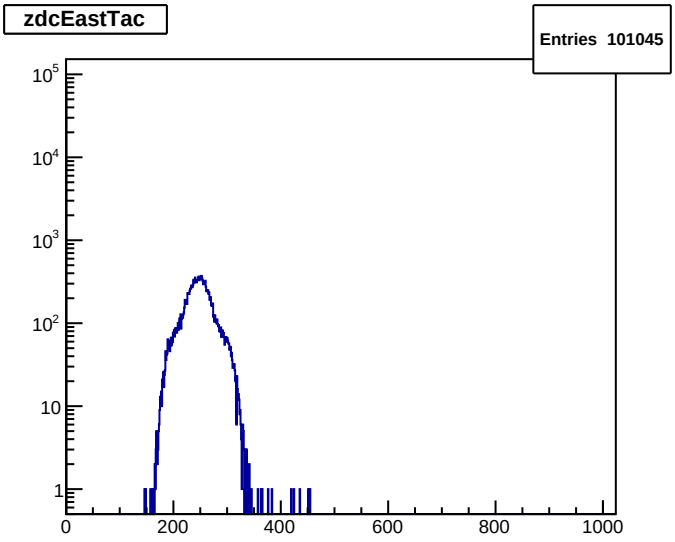

vpdWestAdcSumVsSimu
Entries 78535
Data
Simu

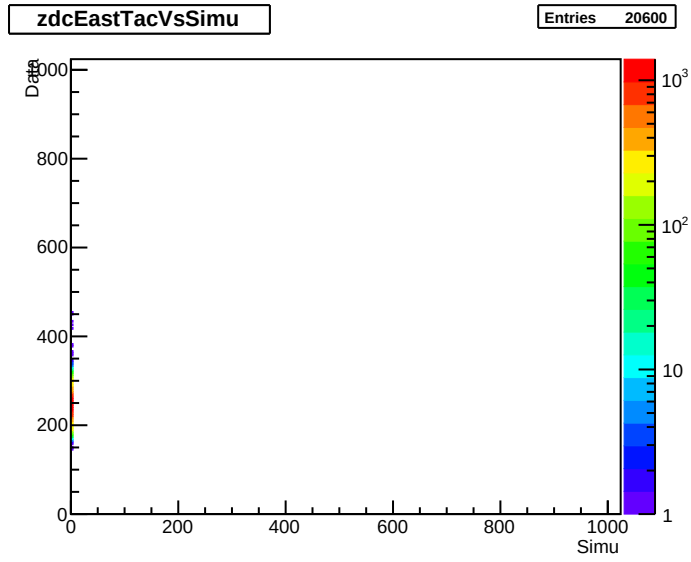

vpdWestNHits
Entries 101045

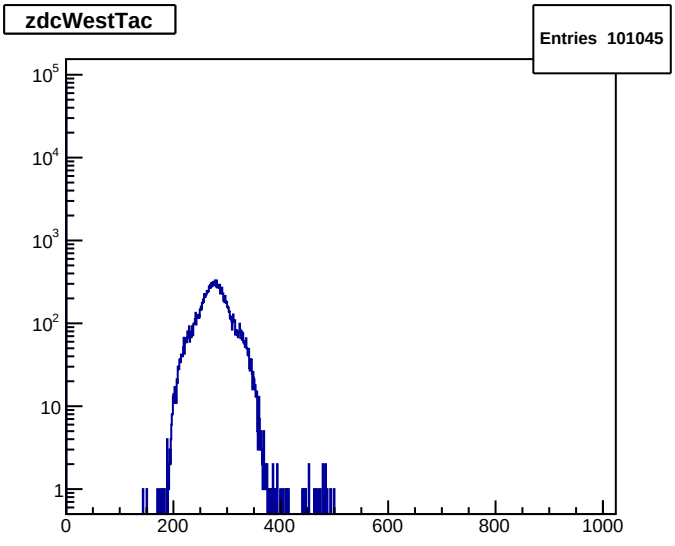

vpdWestNHitsVsSimu
Entries 1944

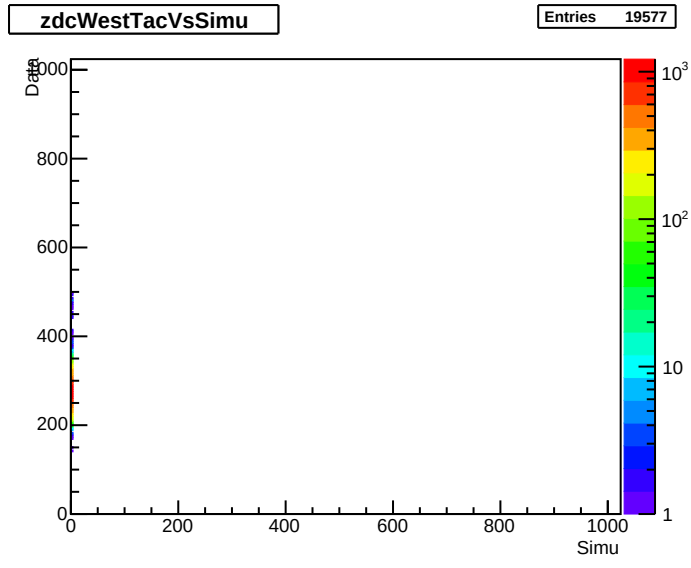

vpdWestTacSum
Entries 101045

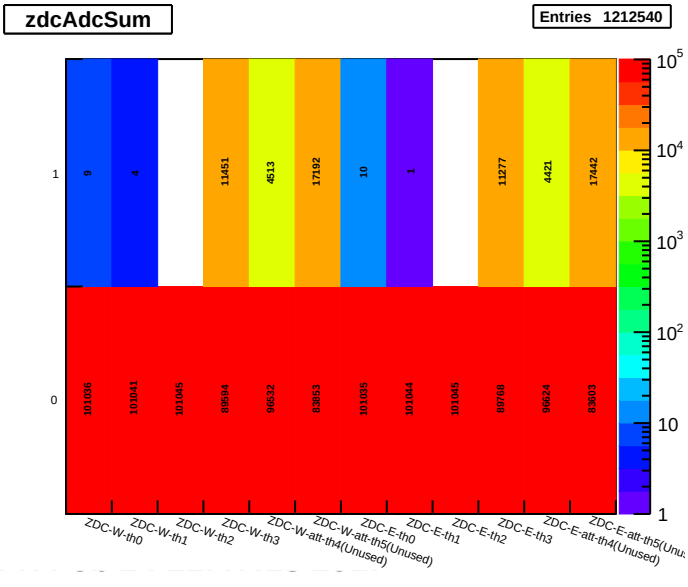

vpdWestTacSumVsSimu
Entries 78536
Data
Simu

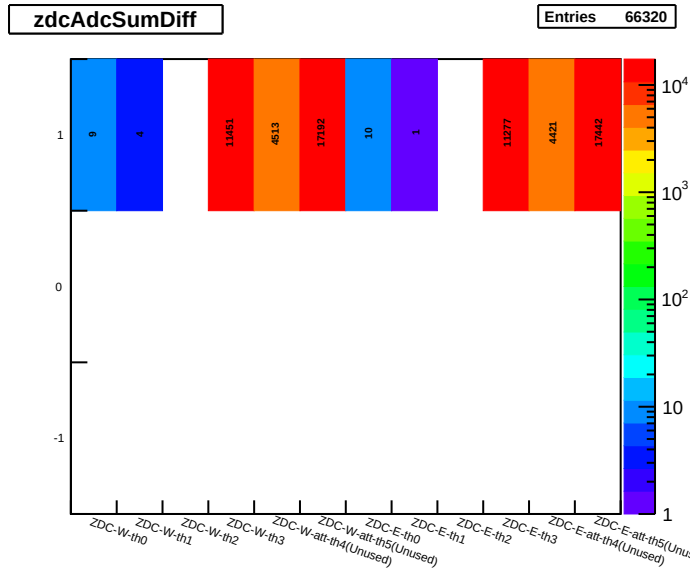

zdcEastTac
Entries 101045

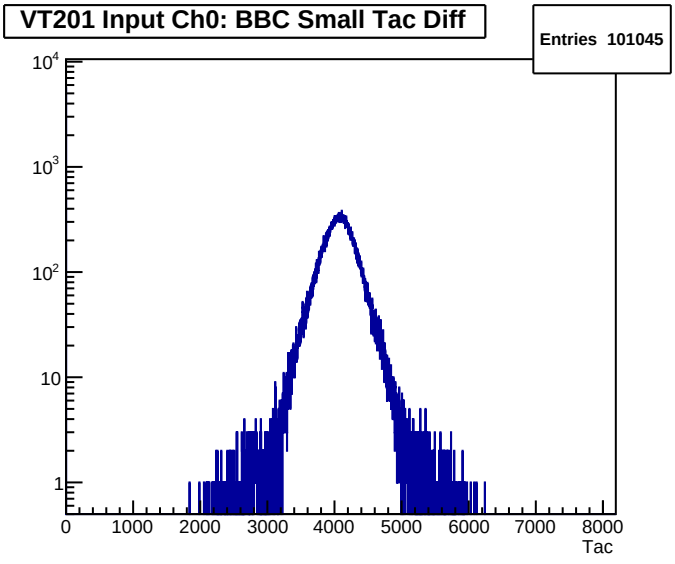

zdcEastTacVsSimu
Entries 20600
Data
Simu

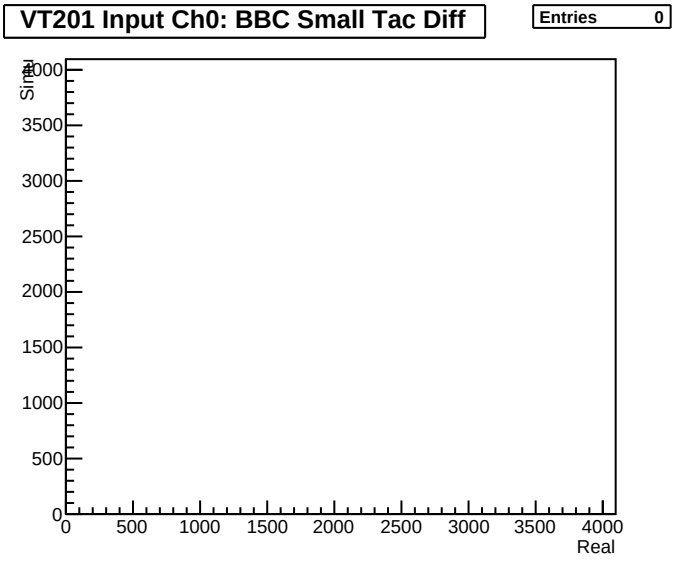

zdcWestTac
Entries 101045

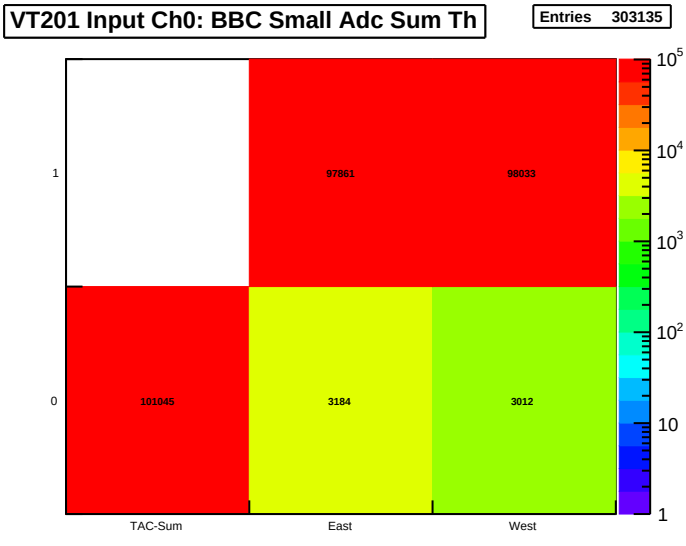

zdcWestTacVsSimu
Entries 19577
Data
Simu

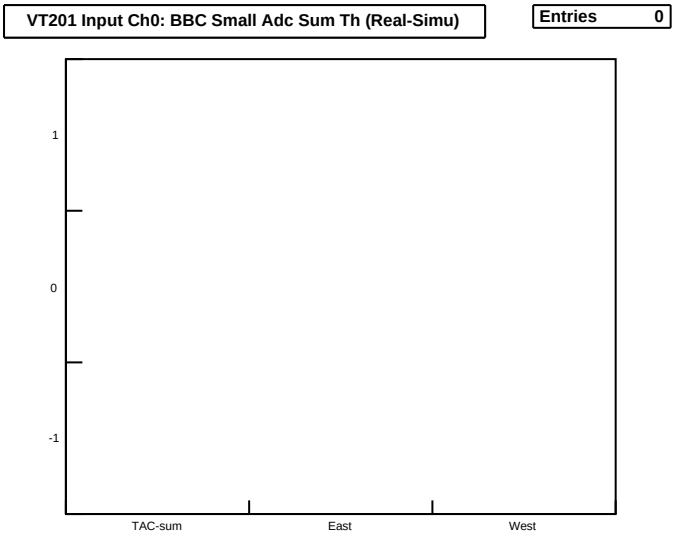

zdcAdcSum
Entries 1212540
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

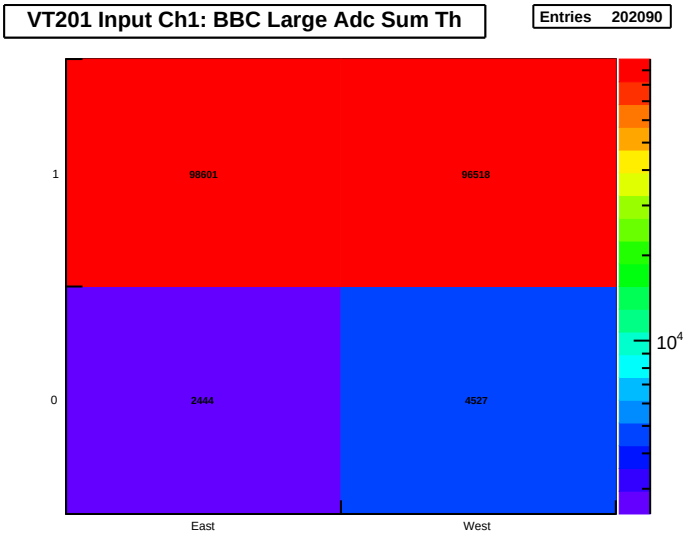

zdcAdcSumDiff
Entries 66320
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

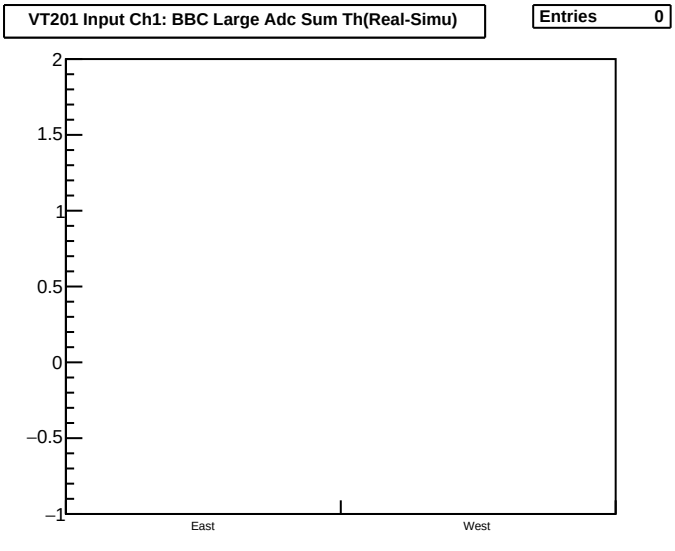

VT201 Input Ch0: BBC Small Tac Diff
Entries 101045
Tac


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

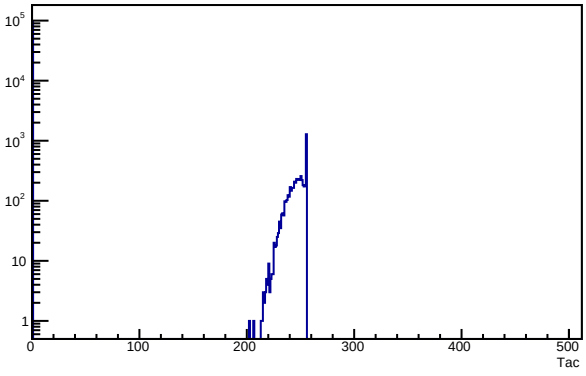

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 303135
97861
98033
101045
3184
3012
TAC-Sum
East
West


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

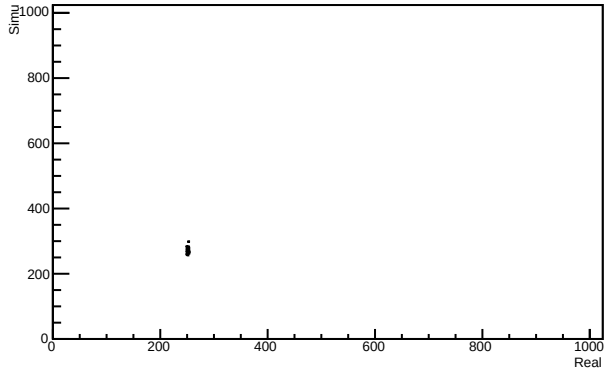

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 202090
98601
96518
2444
4527
East
West


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

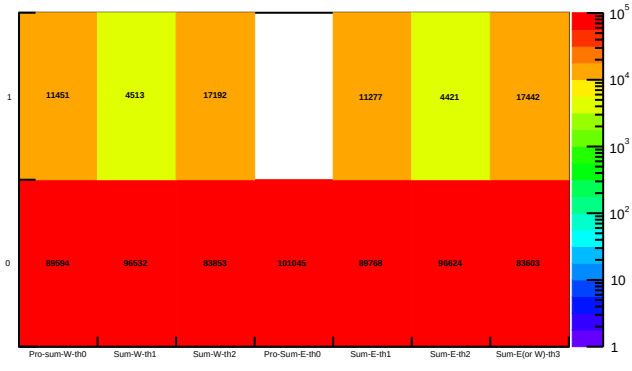
VT201 Input Ch2: ZDC Tac Diff



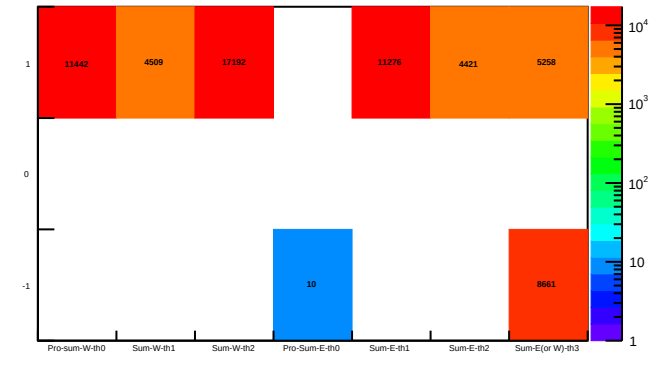
VT201 Input Ch2: ZDC Tac Diff



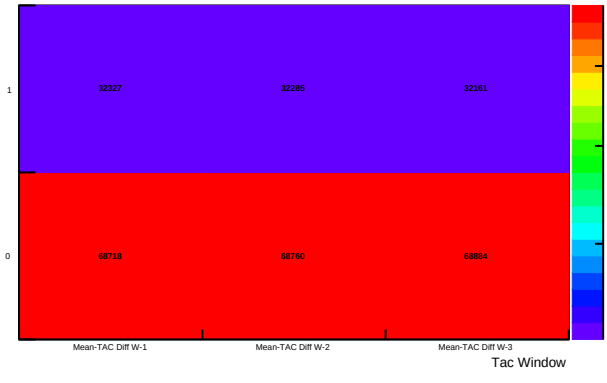
VT201 Input Ch2: ZDC Adc Sum Th



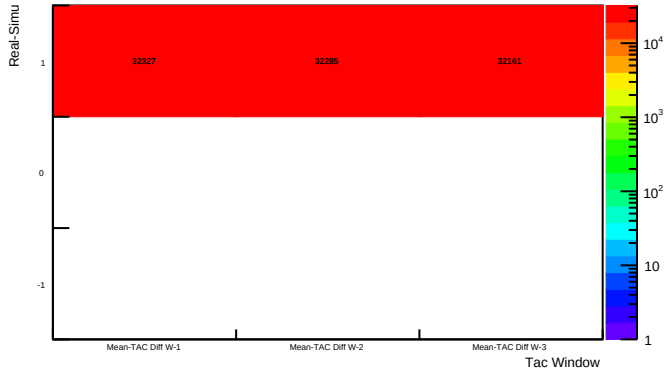
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



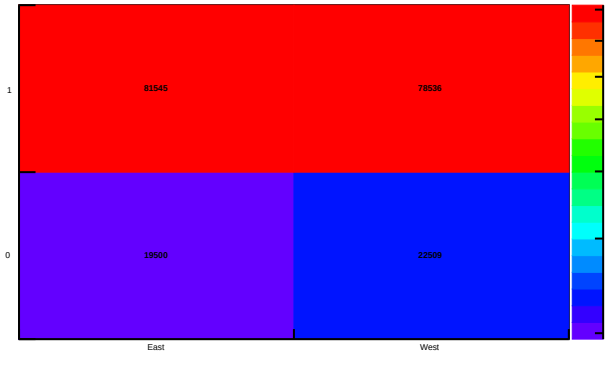
VT201 Input Ch4: VPD Tac Diff



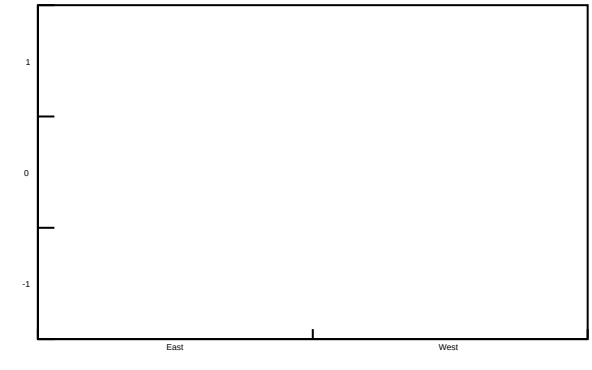
VT201 Input Ch4: VPD Tac Diff

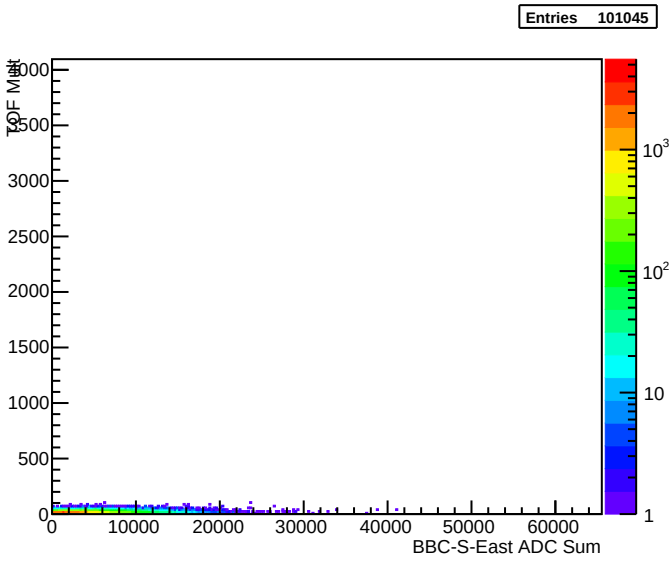


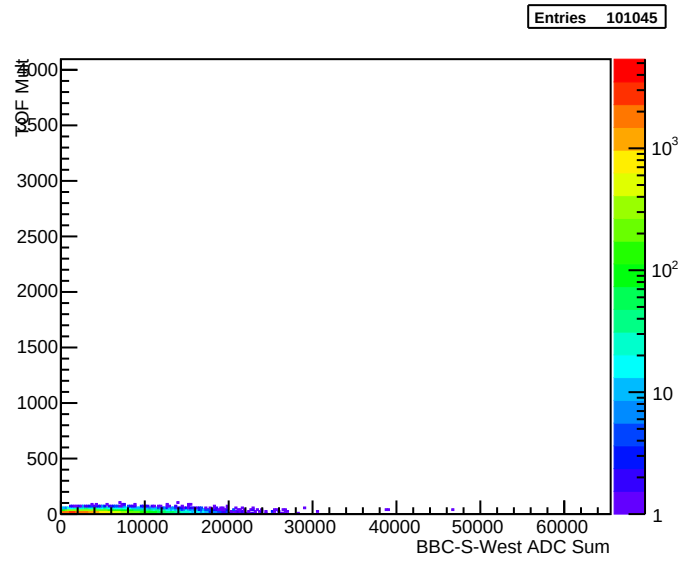
VT201 Input Ch4: VPD Adc Sum Th

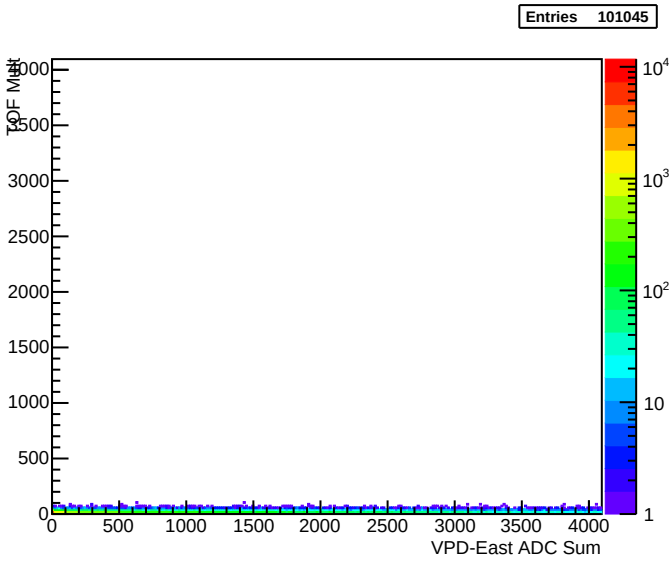


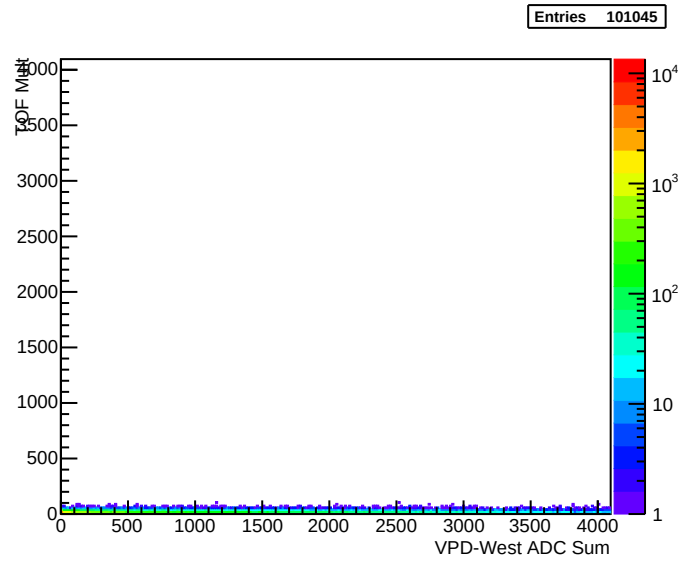
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

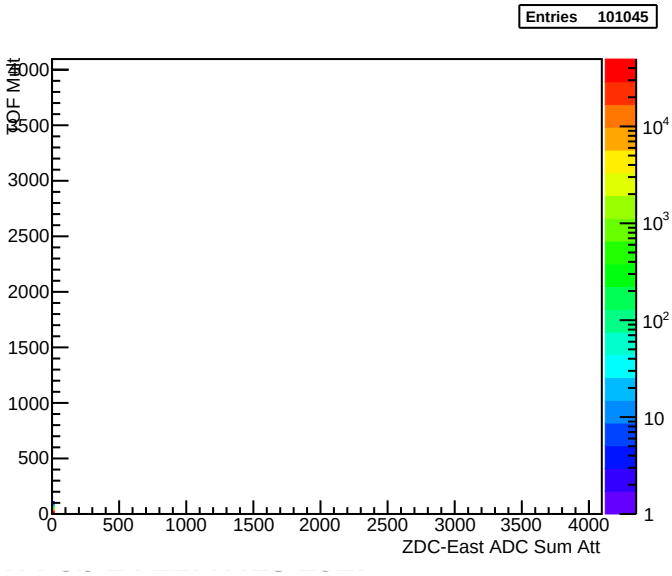


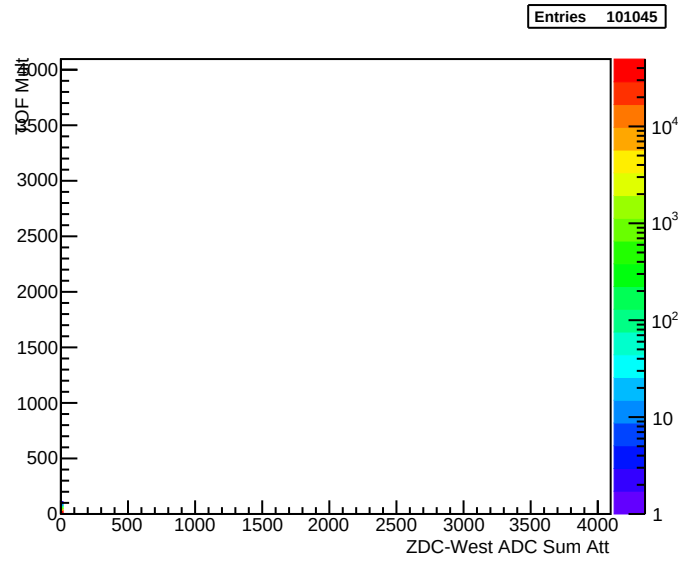

Entries 101045
TOF Mult
BBC-S-East ADC Sum

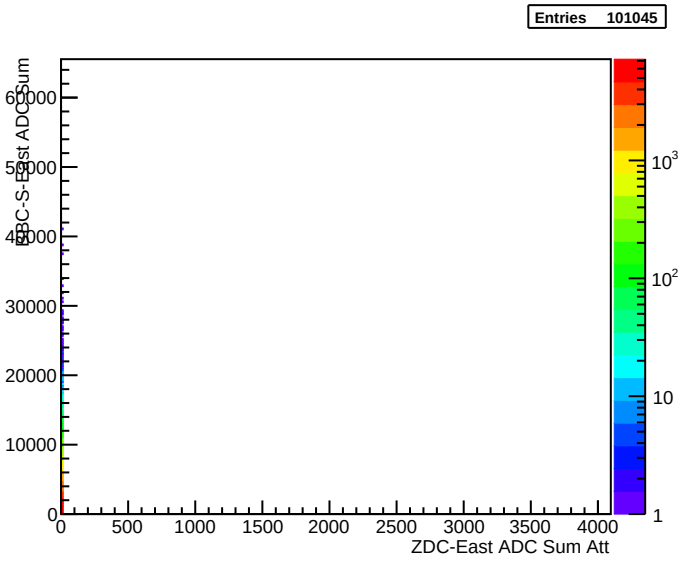

Entries 101045
TOF Mult
BBC-S-West ADC Sum

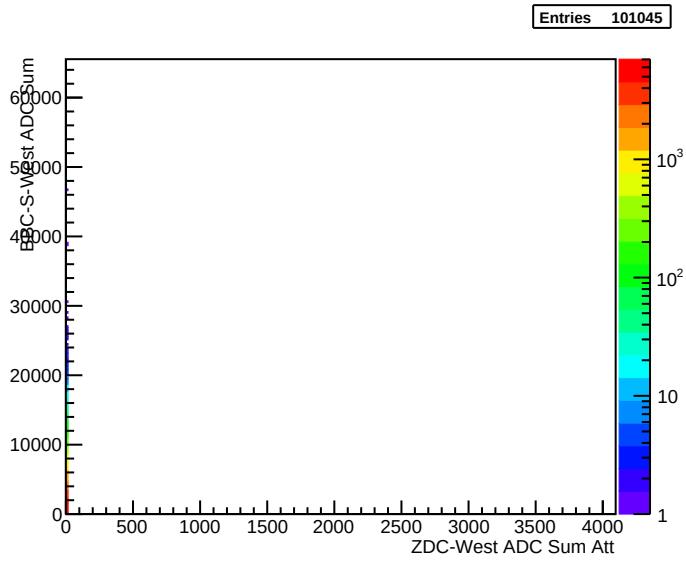

Entries 101045
TOF Mult
VPD-East ADC Sum

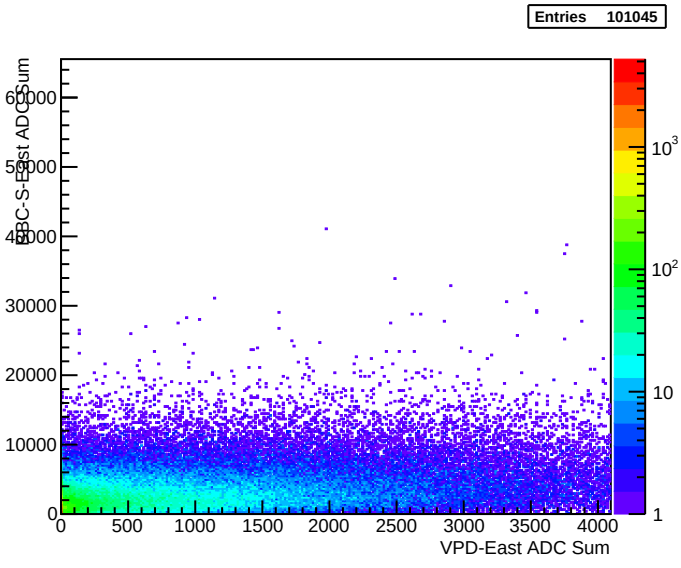

Entries 101045
TOF Mult
VPD-West ADC Sum

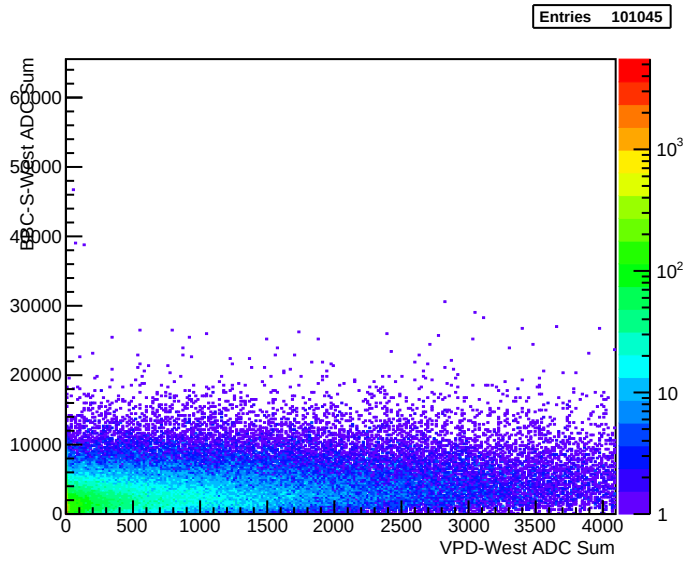

Entries 101045
TOF Mult
ZDC-East ADC Sum Att

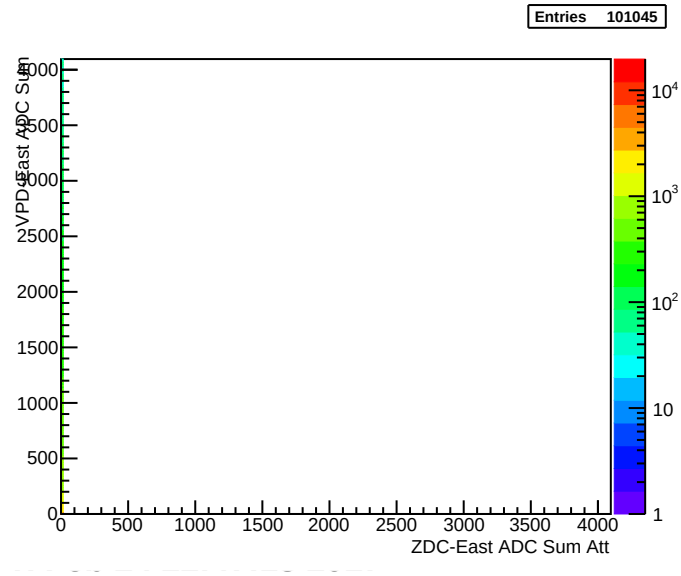

Entries 101045
TOF Mult
ZDC-West ADC Sum Att

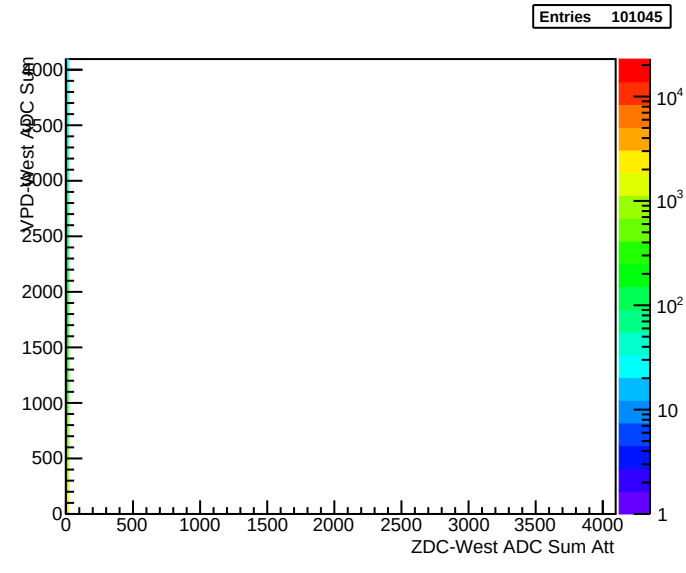

Entries 101045
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

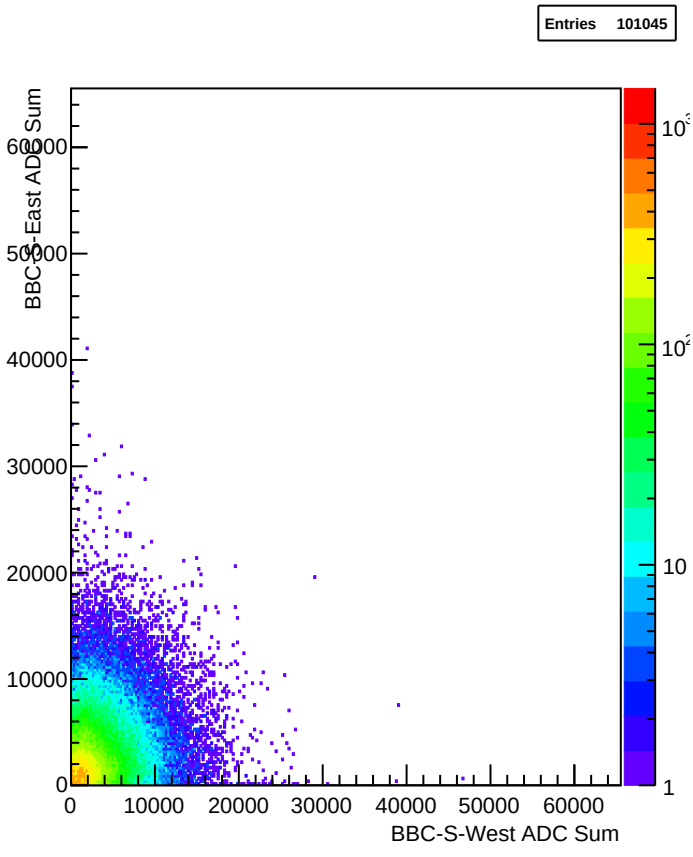

Entries 101045
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

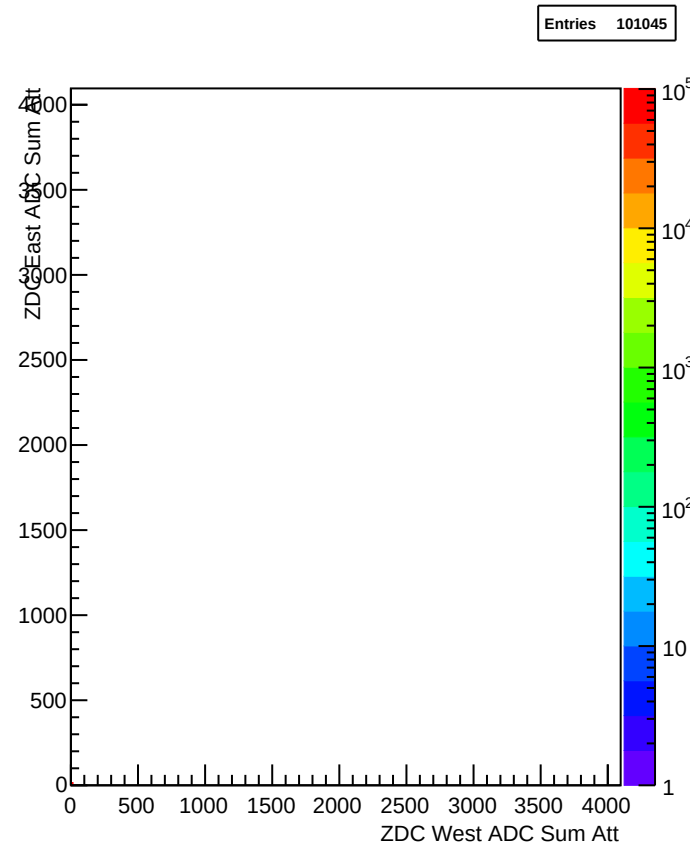

Entries 101045
BBC-S-East ADC Sum
VPD-East ADC Sum

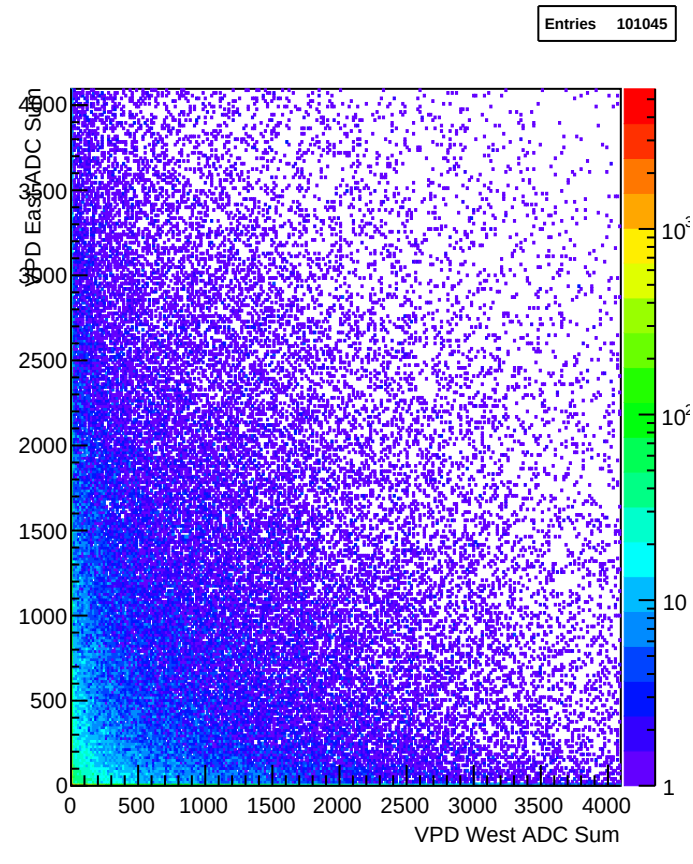

Entries 101045
BBC-S-West ADC Sum
VPD-West ADC Sum

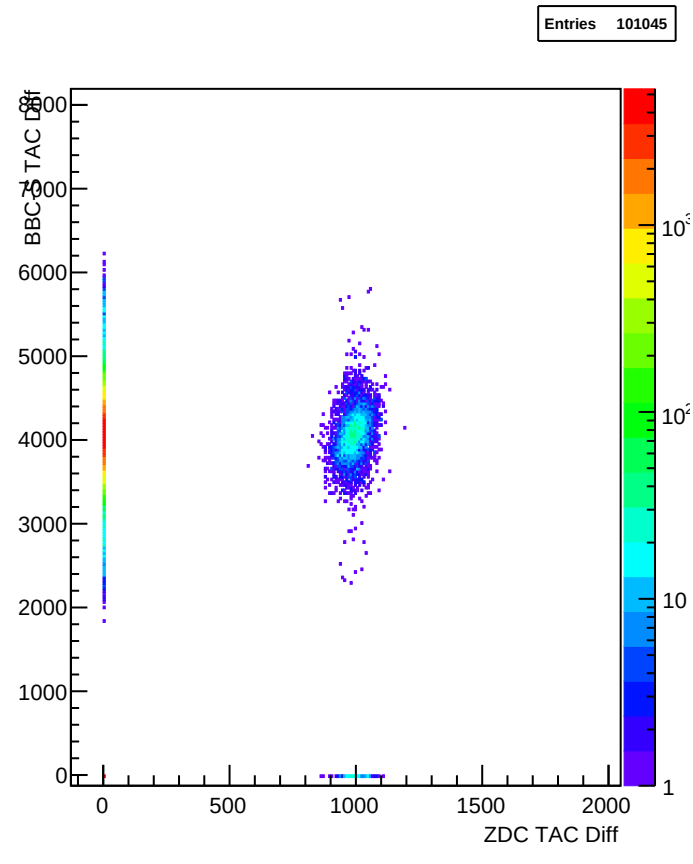

Entries 101045
VPD-East ADC Sum
ZDC-East ADC Sum Att

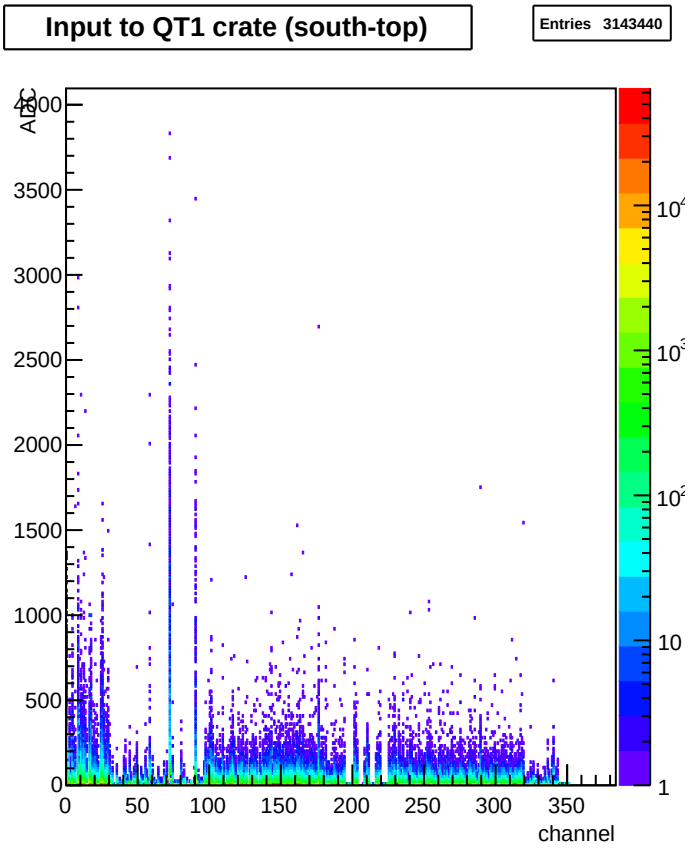

Entries 101045
VPD-West ADC Sum
ZDC-West ADC Sum Att

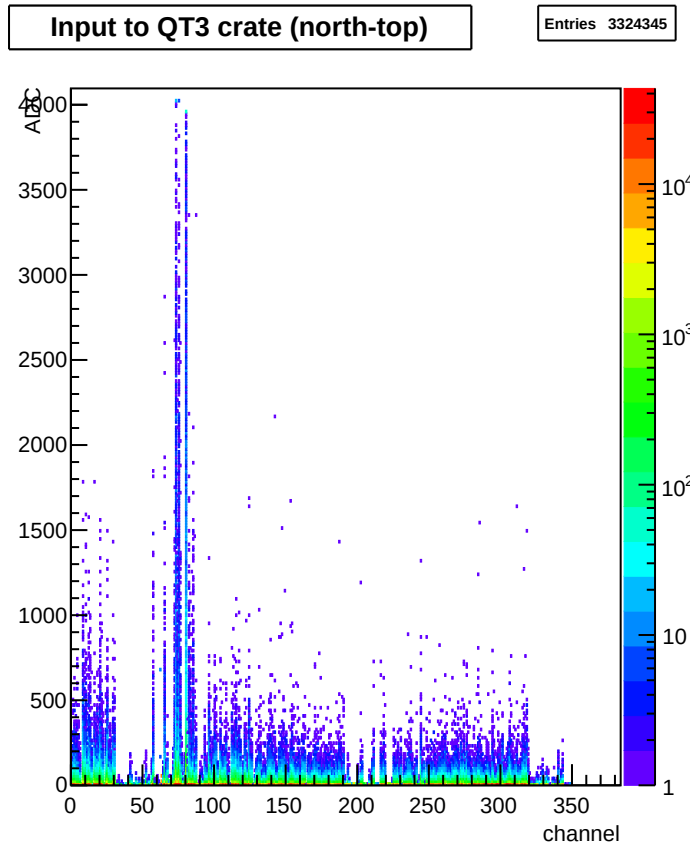

Entries 101045
BBC-S-East ADC Sum
BBC-S-West ADC Sum

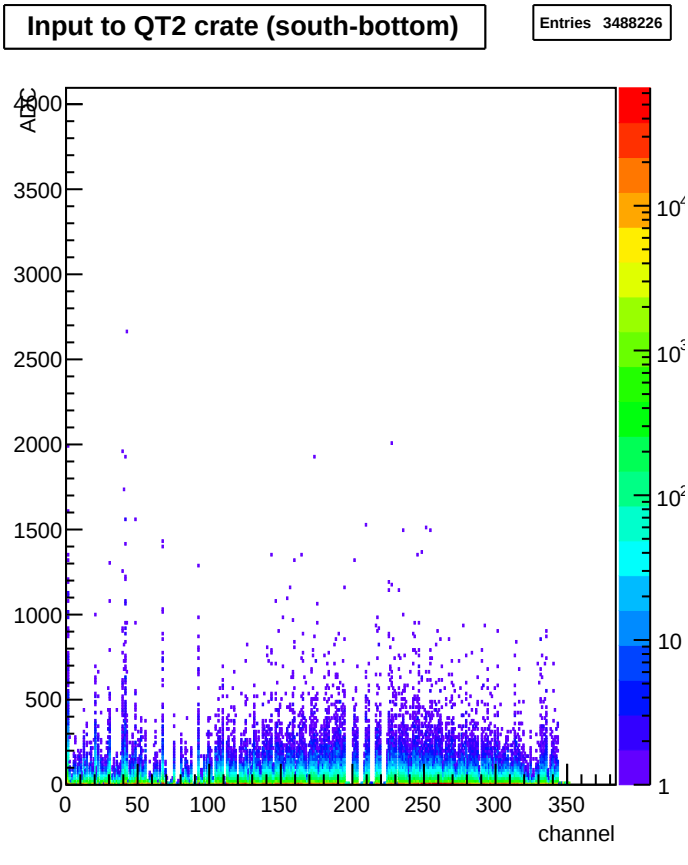

Entries 101045
ZDC East ADC Sum Att
ZDC West ADC Sum Att

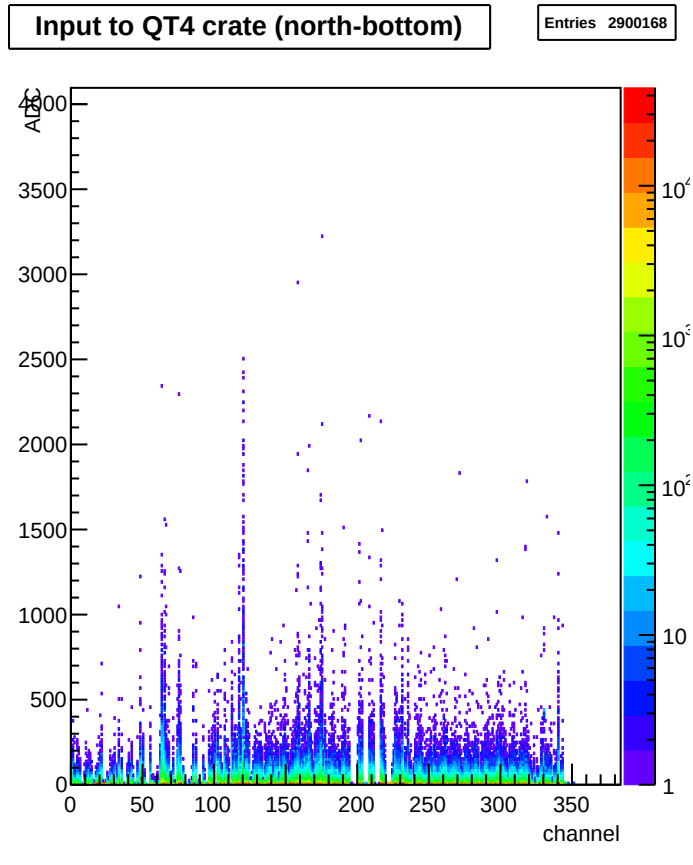

Entries 101045
VPD East ADC Sum
VPD West ADC Sum

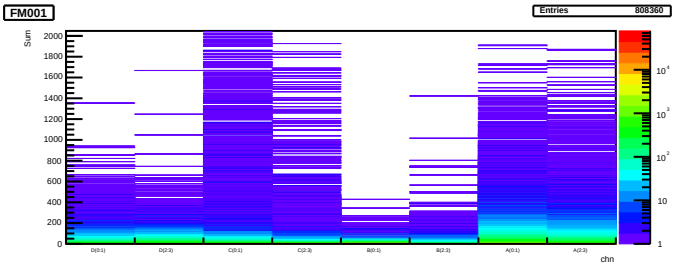

Entries 101045
BBC-S TAC Diff
ZDC TAC Diff

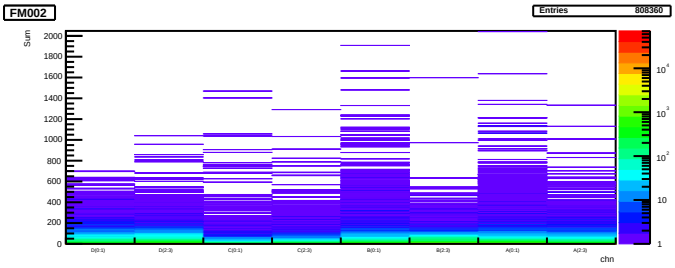

Input to QT1 crate (south-top)
Entries 3143440
ADC
channel

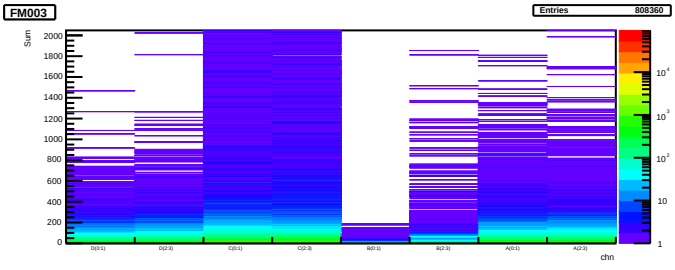

Input to QT3 crate (north-top)
Entries 3324345
ADC
channel

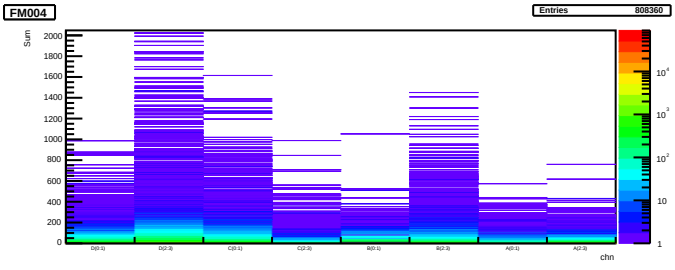

Input to QT2 crate (south-bottom)
Entries 3488226
ADC
channel

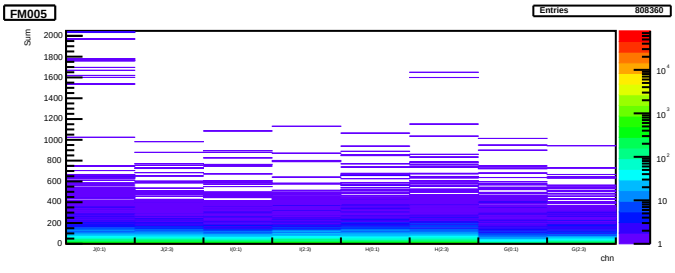

Input to QT4 crate (north-bottom)
Entries 2900168
ADC
channel

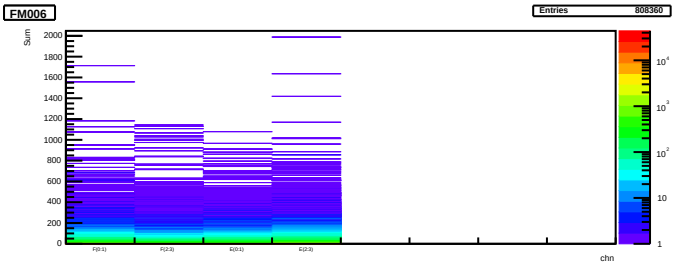

FM001
Entries 808360
Sum
chn

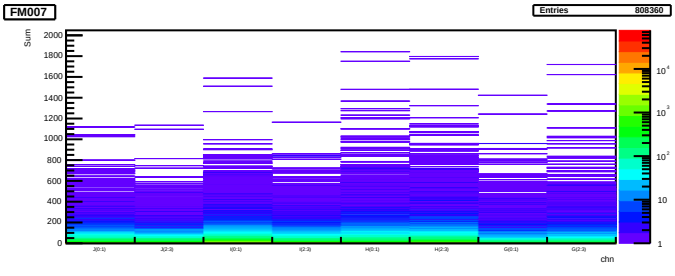

FM002
Entries 808360
Sum
chn

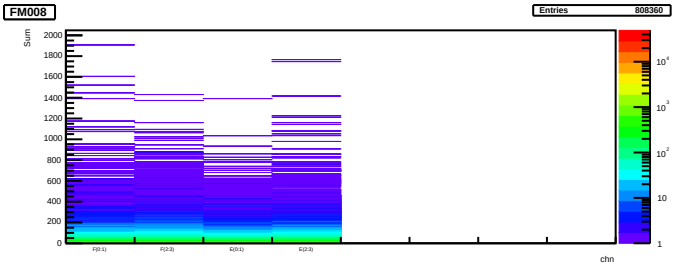

FM003
Entries 808360
Sum
chn

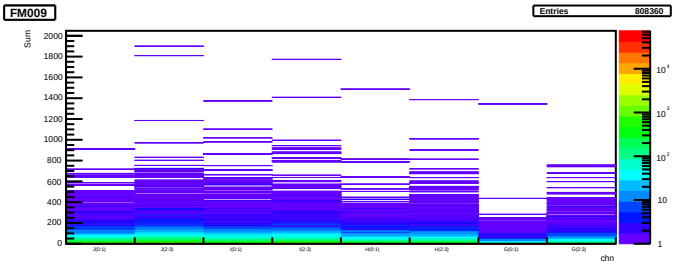

FM004
Entries 808360
Sum
chn

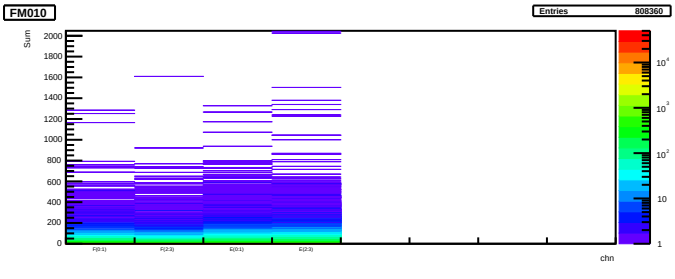

FM005
Entries 808360
Sum
chn

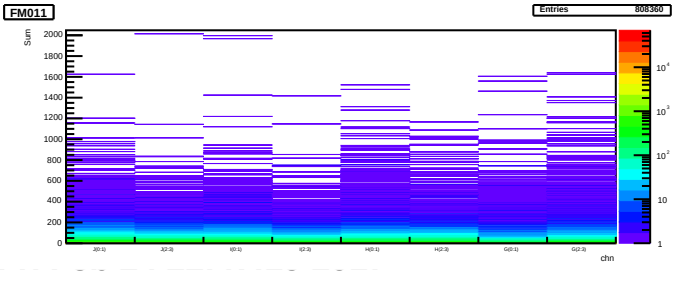

FM006
Entries 808360
Sum
chn

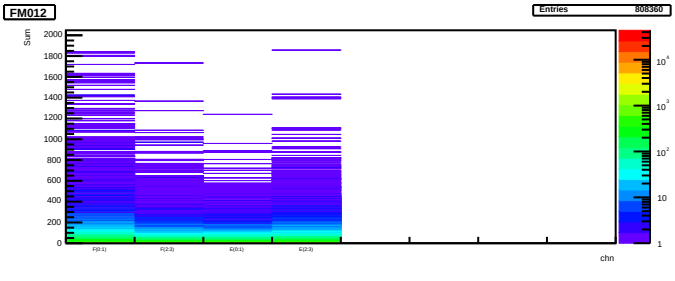

FM007
Entries 808360
Sum
chn

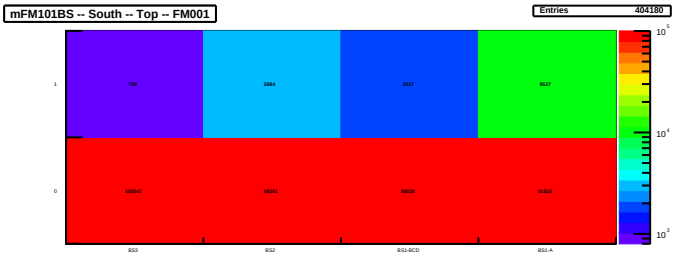

FM008
Entries 808360
Sum
chn

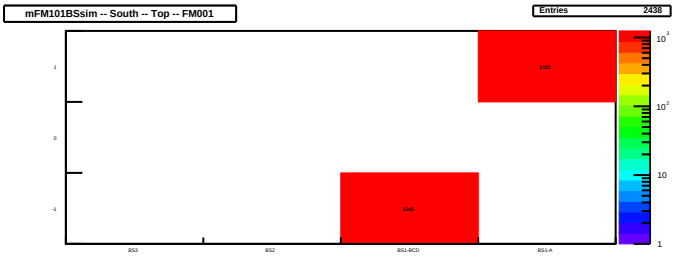

FM009
Entries 808360
Sum
chn

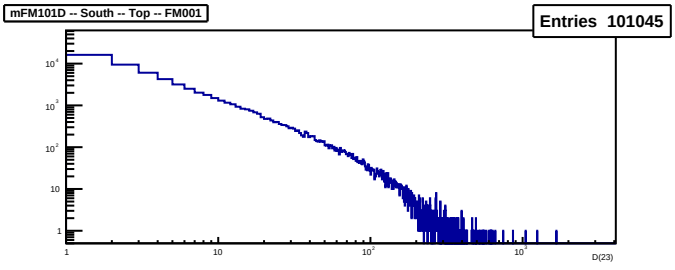

FM010
Entries 808360
Sum
chn

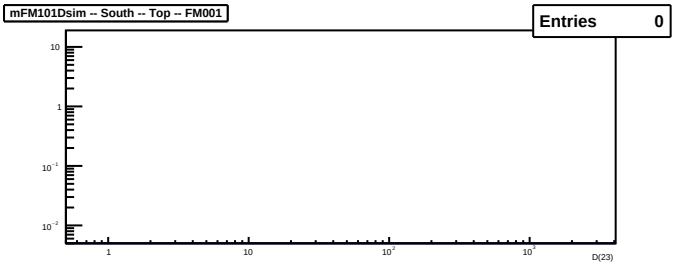

FM011
Entries 808360
Sum
chn

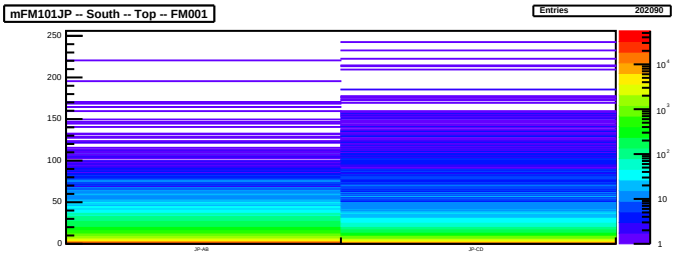

FM012
Entries 808360
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 404180
BS3
BS2
BS1-BCD
BS1-A

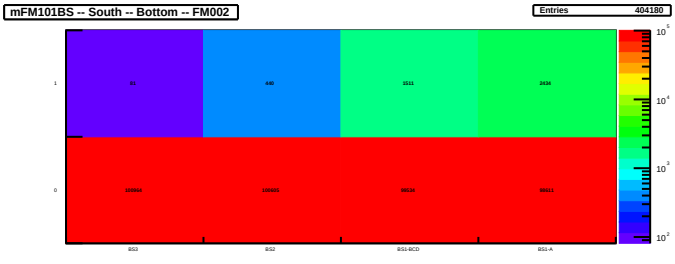

mFM101BSsim -- South -- Top -- FM001
Entries 2438
BS3
BS2
BS1-BCD
BS1-A

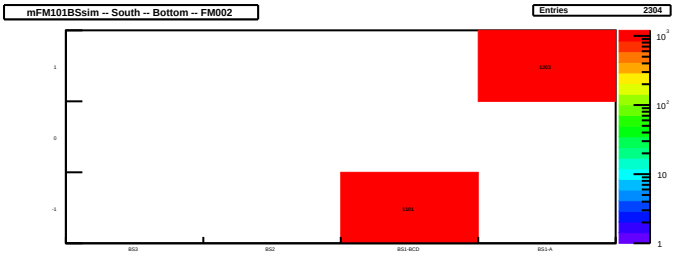

mFM101D -- South -- Top -- FM001
Entries 101045
D(23)

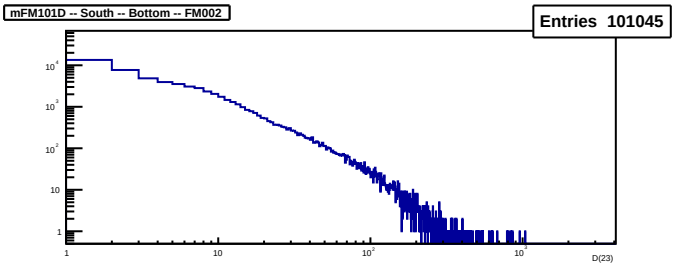

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

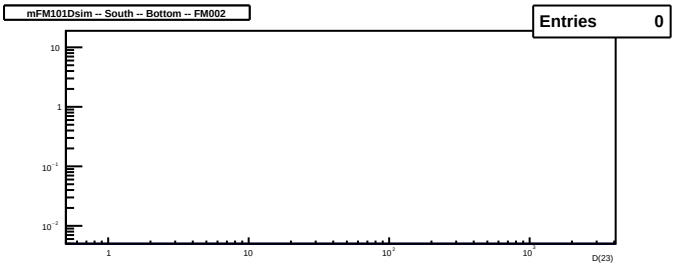

mFM101JP -- South -- Top -- FM001
Entries 202090
JP-AB
JP-CD

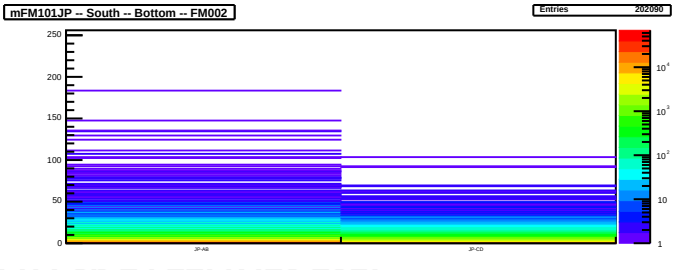
mFM101JPsim -- South -- Top -- FM001
Entries 0
JP-AB
JP-CD

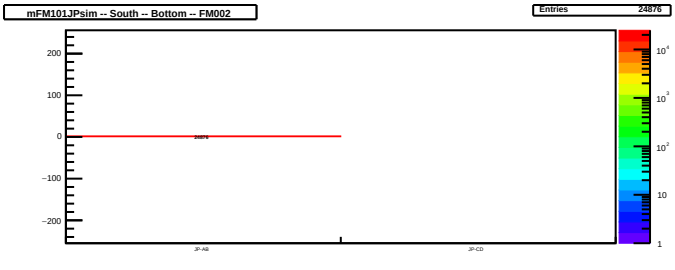

mFM101BS -- South -- Bottom -- FM002
Entries 404180
BS3
BS2
BS1-BCD
BS1-A

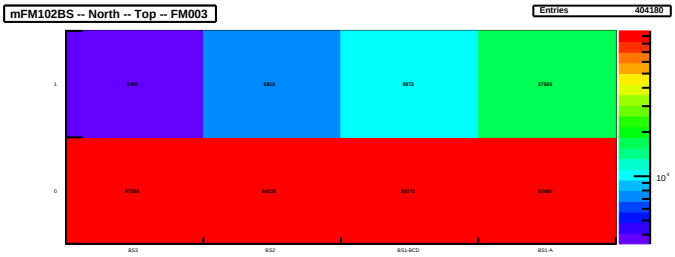

mFM101BSsim -- South -- Bottom -- FM002
Entries 2304
BS3
BS2
BS1-BCD
BS1-A

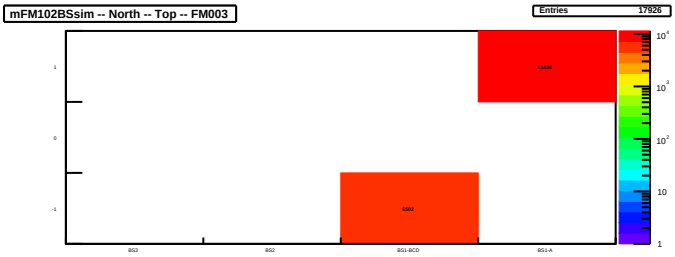

mFM101D -- South -- Bottom -- FM002
Entries 101045
D(23)

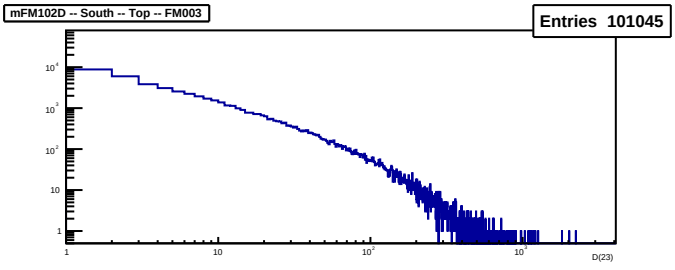

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

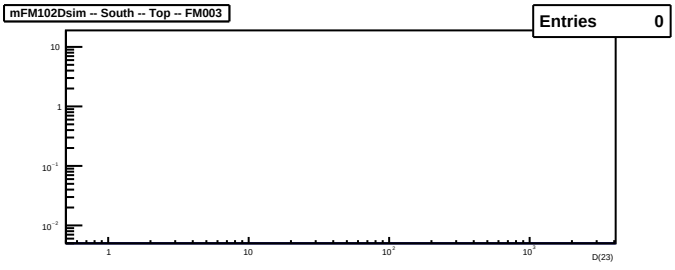

mFM101JP -- South -- Bottom -- FM002
Entries 202090
JP-AB
JP-CD

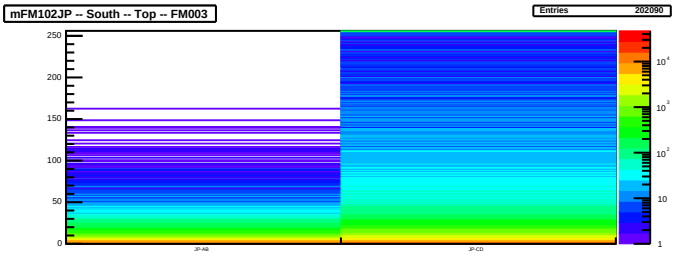

mFM101JPsim -- South -- Bottom -- FM002
Entries 24876
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 404180

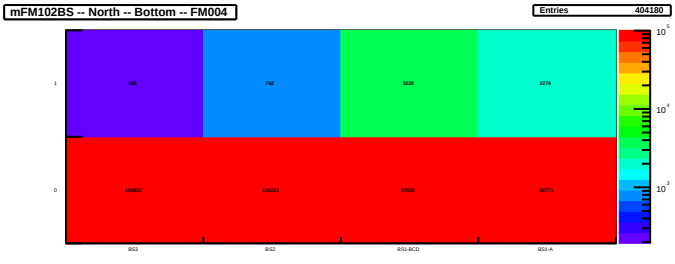

mFM102BSsim -- North -- Top -- FM003
Entries 17926

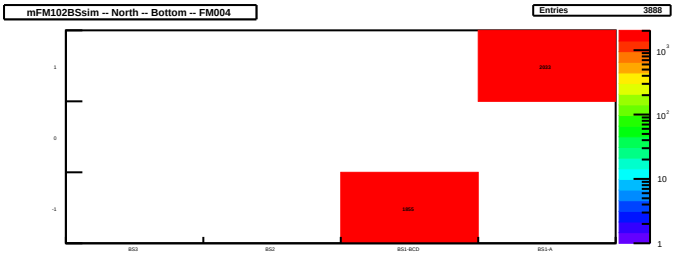

mFM102D -- South -- Top -- FM003
Entries 101045
D(23)

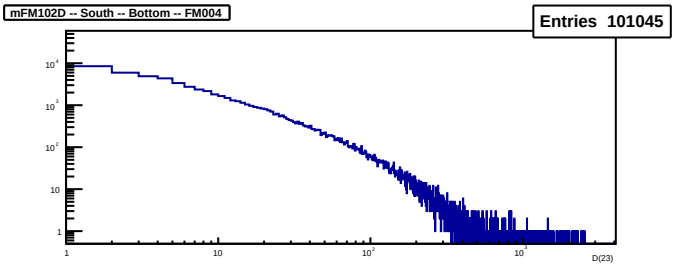

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

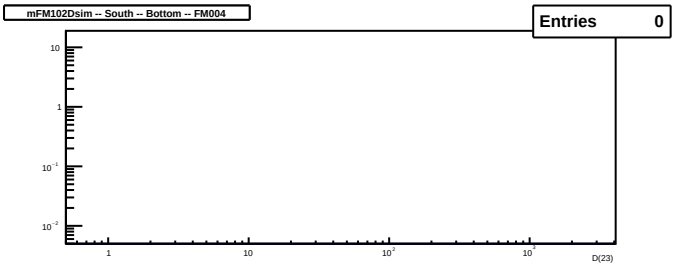

mFM102JP -- South -- Top -- FM003
Entries 202090

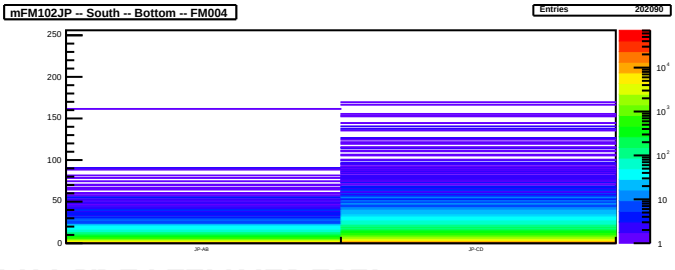
mFM102JPsim -- South -- Top -- FM003
Entries 0

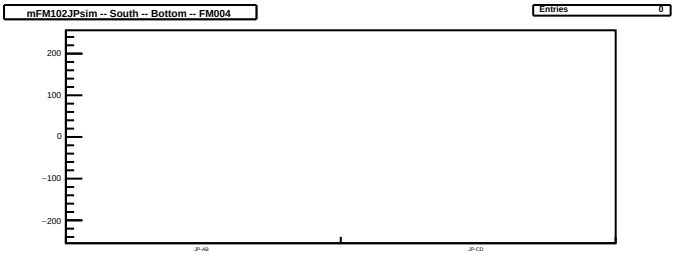

mFM102BS -- North -- Bottom -- FM004
Entries 404180

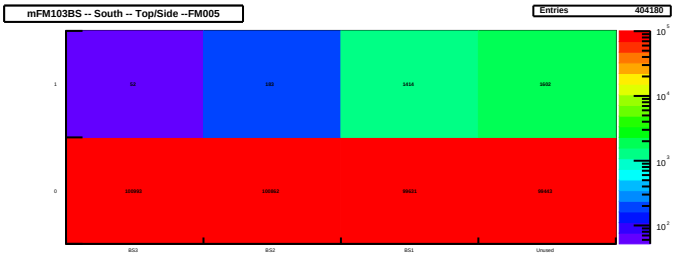

mFM102BSsim -- North -- Bottom -- FM004
Entries 3888

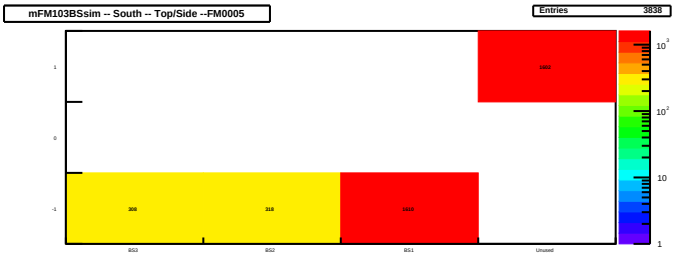

mFM102D -- South -- Bottom -- FM004
Entries 101045
D(23)

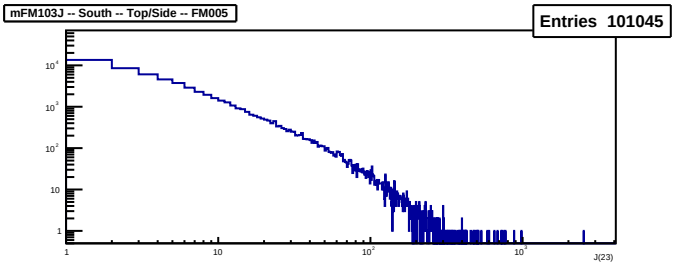

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

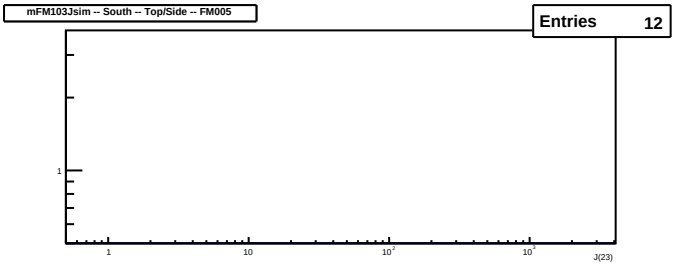

mFM102JP -- South -- Bottom -- FM004
Entries 202090

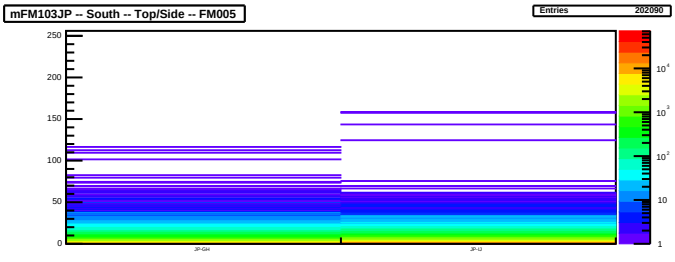

mFM102JPsim -- South -- Bottom -- FM004
Entries 0

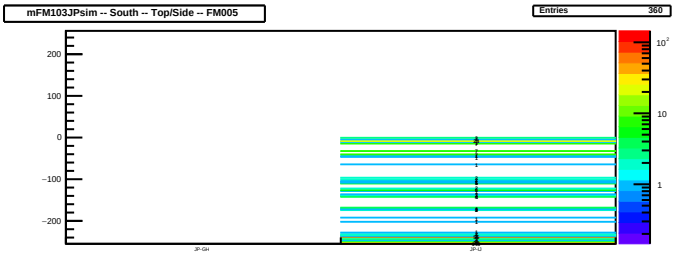

mFM103BS -- South -- Top/Side --FM005
Entries 404180
52
143
1414
1602
100993
100862
99921
99443
BS3
BS2
BS1
Unused

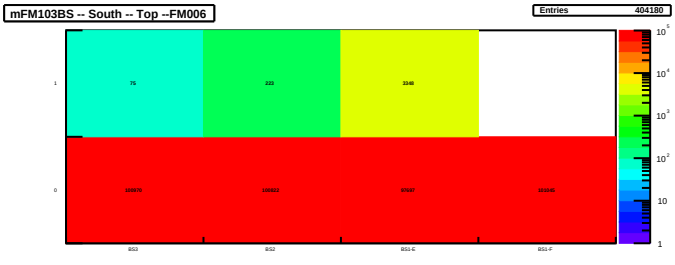

mFM103BSsim -- South -- Top/Side --FM0005
Entries 3838
1602
308
318
1510
BS3
BS2
BS1
Unused

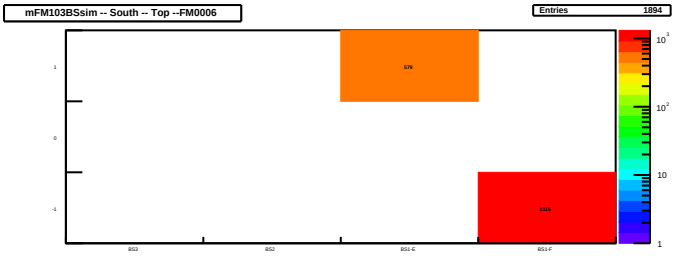

mFM103J -- South -- Top/Side -- FM005
Entries 101045
J(23)

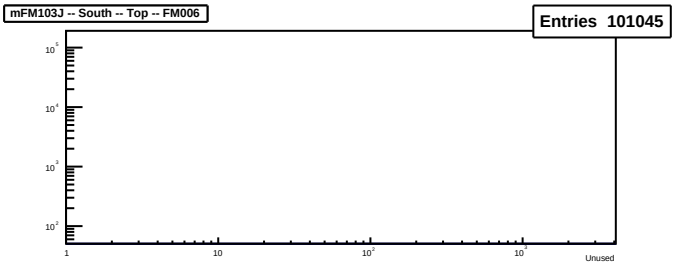

mFM103Jsim -- South -- Top/Side -- FM005
Entries 12
J(23)

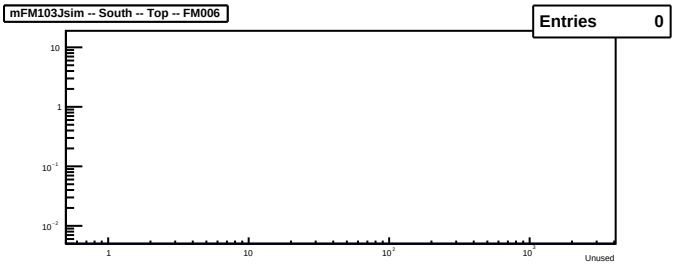

mFM103JP -- South -- Top/Side -- FM005
Entries 202090
JP-GH
JP-IJ

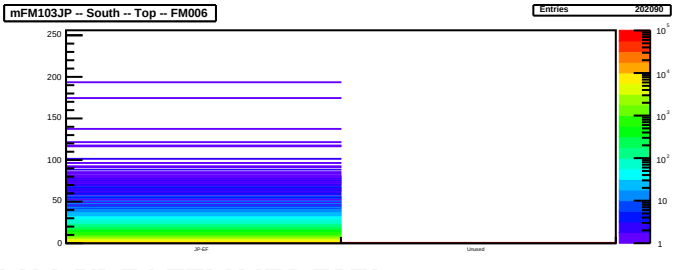

mFM103JPsim -- South -- Top/Side -- FM005
Entries 360
JP-GH
JP-IJ

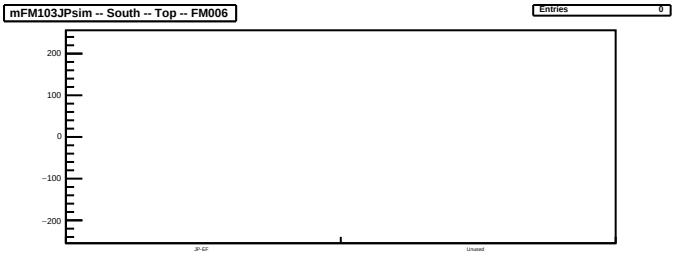

mFM103BS -- South -- Top --FM006
Entries 404180
75
222
3348
100970
100922
97037
103345
BS3
BS2
BS1-E
BS1-F

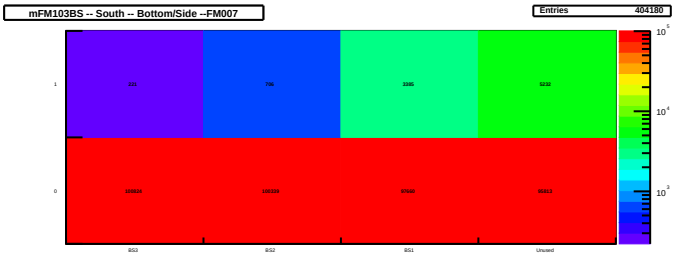

mFM103BSsim -- South -- Top --FM0006
Entries 1894
579
1315
BS3
BS2
BS1-E
BS1-F

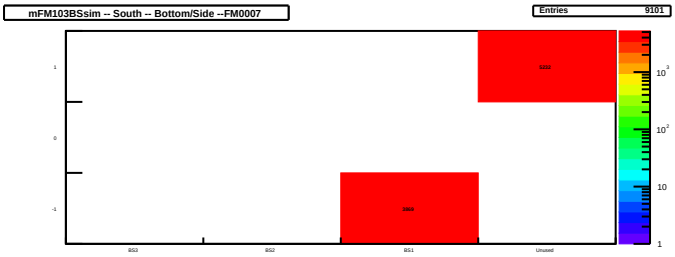

mFM103J -- South -- Top -- FM006
Entries 101045
Unused

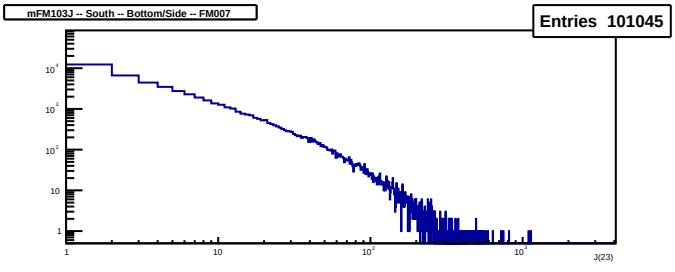

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

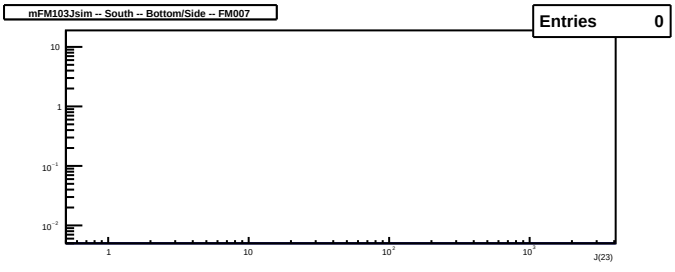

mFM103JP -- South -- Top -- FM006
Entries 202090
JP-EF
Unused


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


mFM103BS -- South -- Bottom/Side --FM007
Entries 404180
221
706
3285
5232
100926
100339
97660
95813
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 9101
5232
3869
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 101045
J(23)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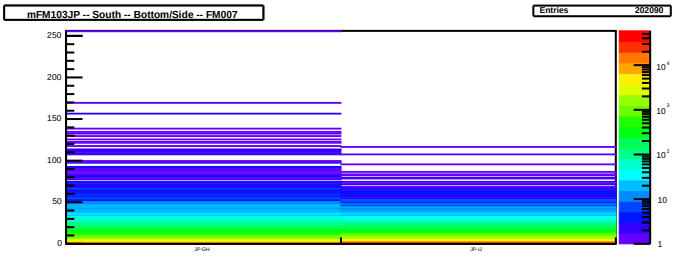
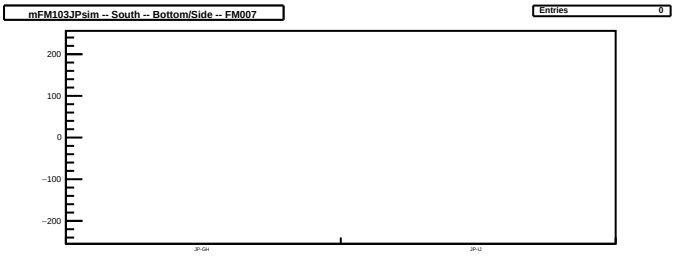
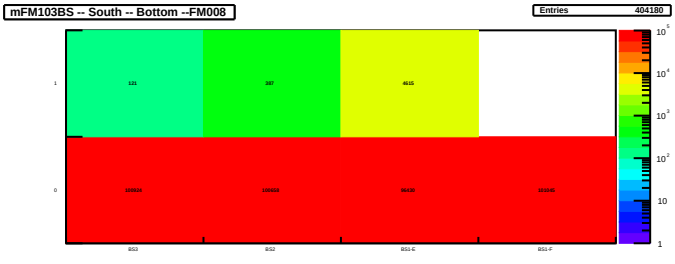
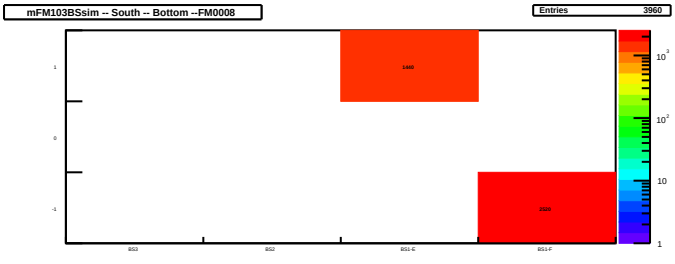
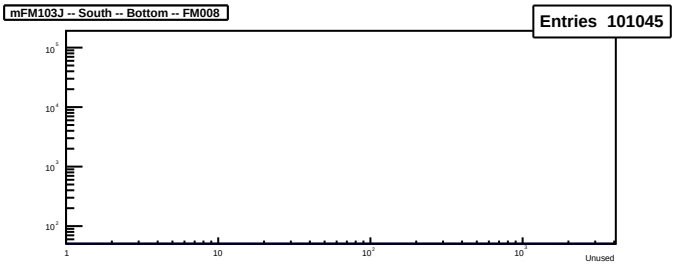
Entries 0
J(23)

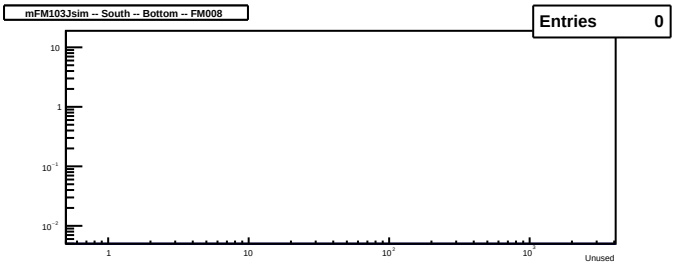

mFM103JP -- South -- Bottom/Side -- FM007
Entries 202090
JP-GH
JP-IJ

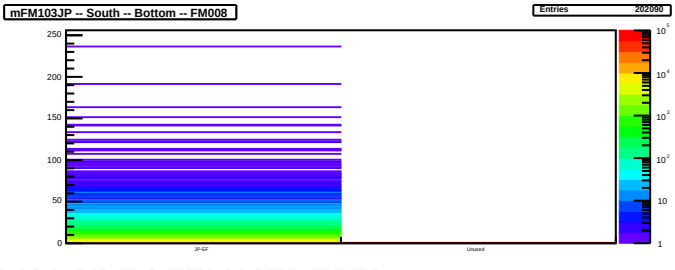

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ

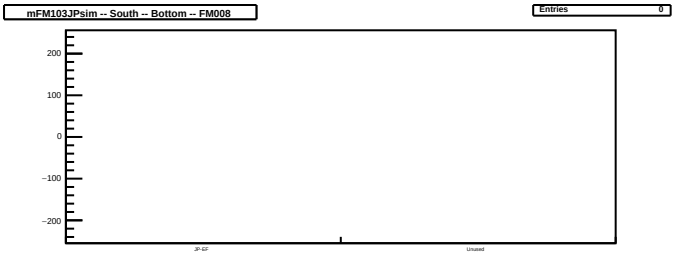

mFM103BS -- South -- Bottom --FM008
Entries 404180
121
387
4615
100926
100658
96430
103945
BS3
BS2
BS1-E
BS1-F

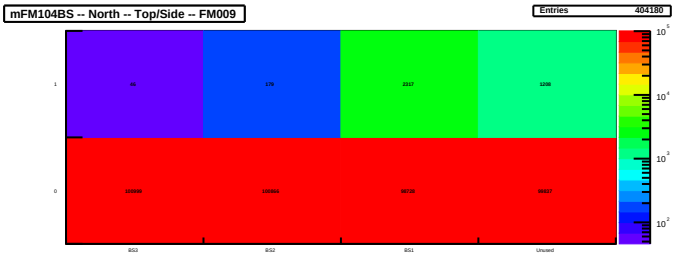

mFM103BSsim -- South -- Bottom --FM0008
Entries 3960
1440
2520
BS3
BS2
BS1-E
BS1-F

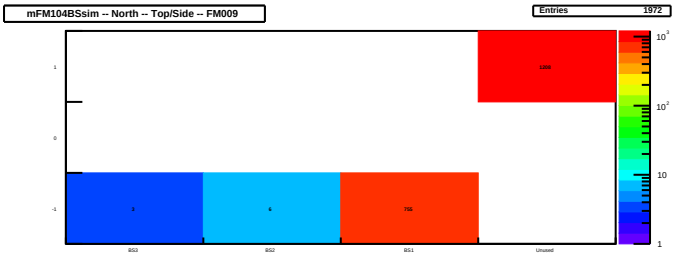

mFM103J -- South -- Bottom -- FM008
Entries 101045
Unused

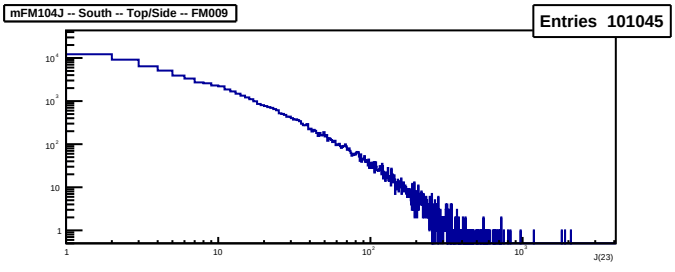

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

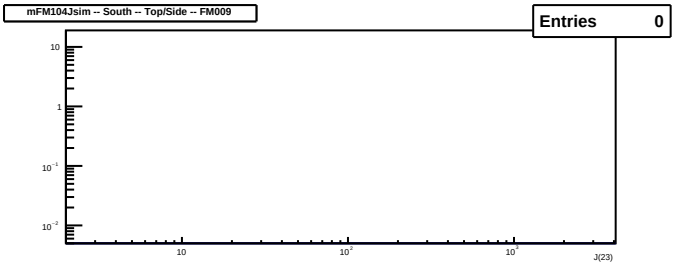

mFM103JP -- South -- Bottom -- FM008
Entries 202090
JP-EF
Unused

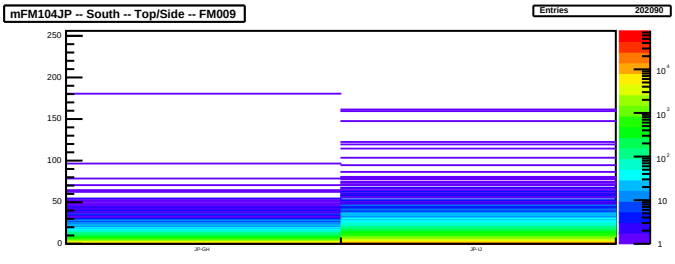

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

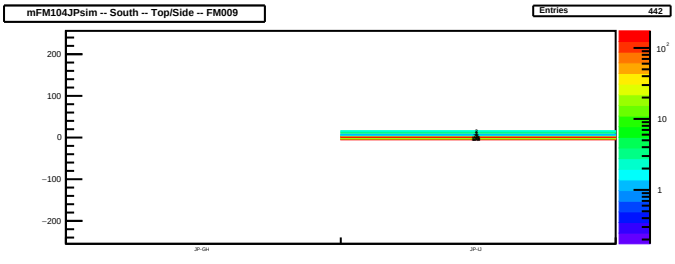

mFM104BS -- North -- Top/Side -- FM009
Entries 404180
BS3
BS2
BS1
Unused

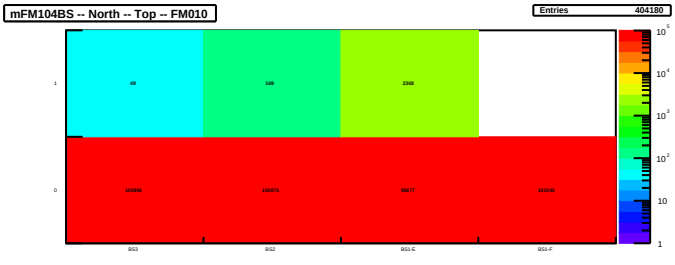

mFM104BSsim -- North -- Top/Side -- FM009
Entries 1972
BS3
BS2
BS1
Unused

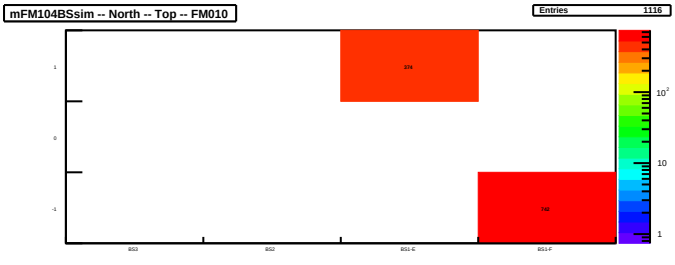

mFM104J -- South -- Top/Side -- FM009
Entries 101045
J(23)

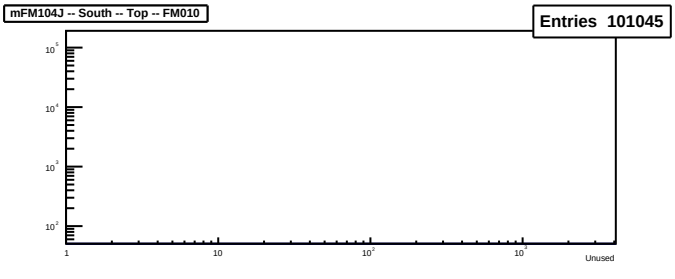

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

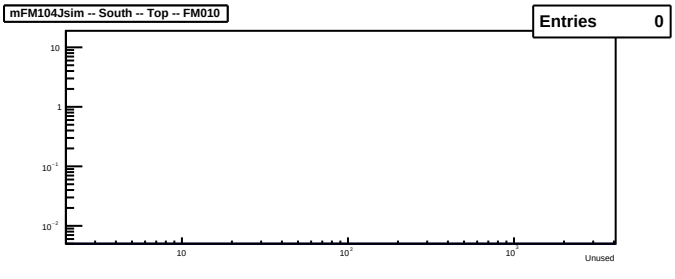

mFM104JP -- South -- Top/Side -- FM009
Entries 202090
JP-GH
JP-IJ

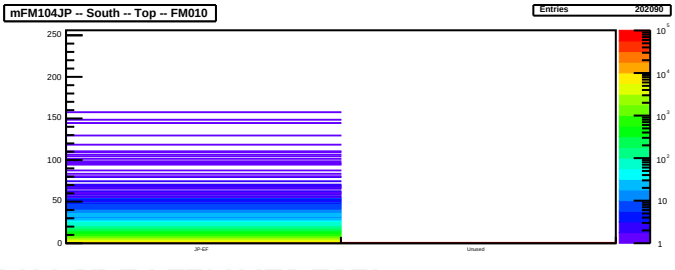

mFM104JPsim -- South -- Top/Side -- FM009
Entries 442
JP-GH
JP-IJ

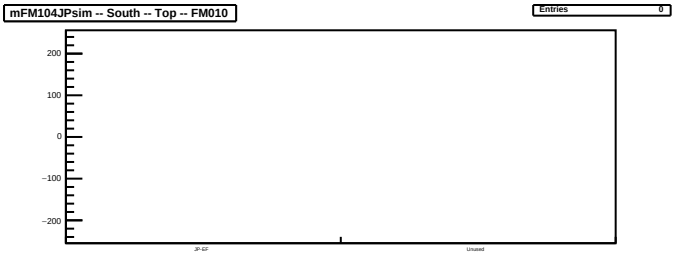

mFM104BS -- North -- Top -- FM010
Entries 404180
BS3
BS2
BS1-E
BS1-F

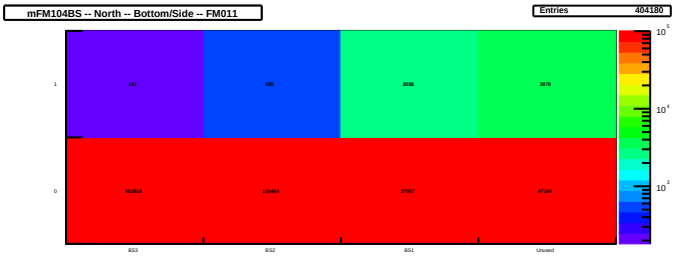

mFM104BSsim -- North -- Top -- FM010
Entries 1116
BS3
BS2
BS1-E
BS1-F

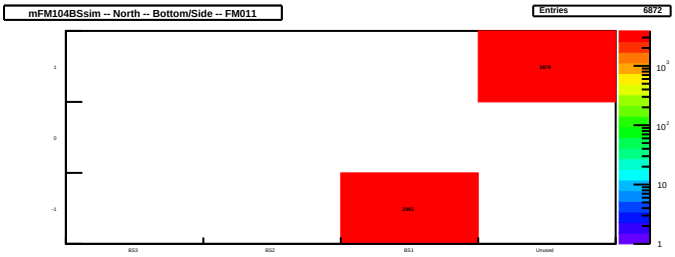

mFM104J -- South -- Top -- FM010
Entries 101045
Unused

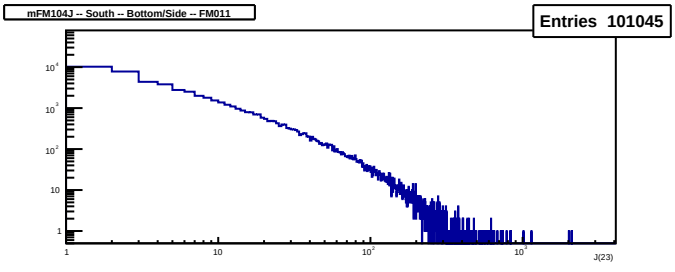

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

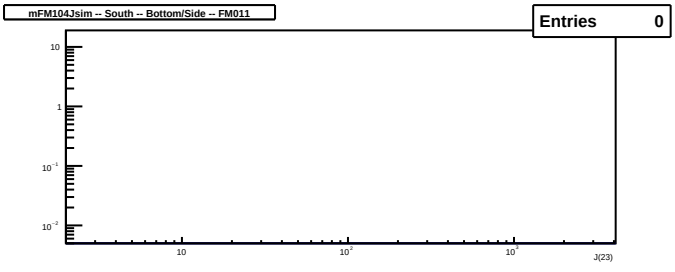

mFM104JP -- South -- Top -- FM010
Entries 202090
JP-EF
Unused

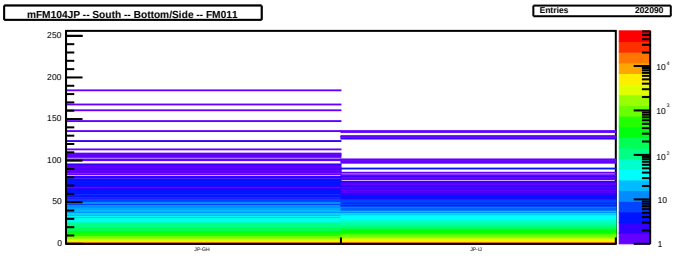

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

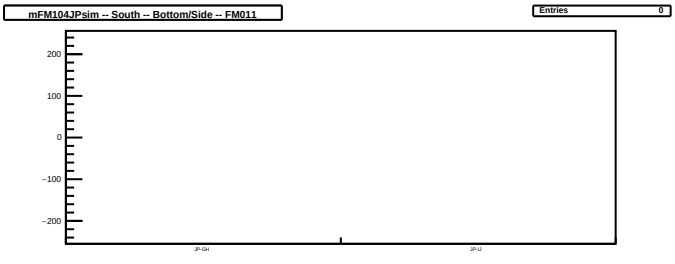

mFM104BS -- North -- Bottom/Side -- FM011
Entries 404180
BS3
BS2
BS1
Unused

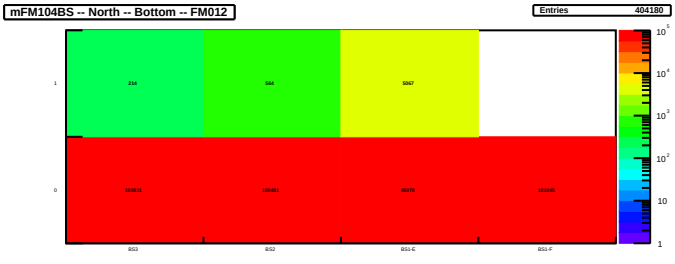

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 6872
BS3
BS2
BS1
Unused

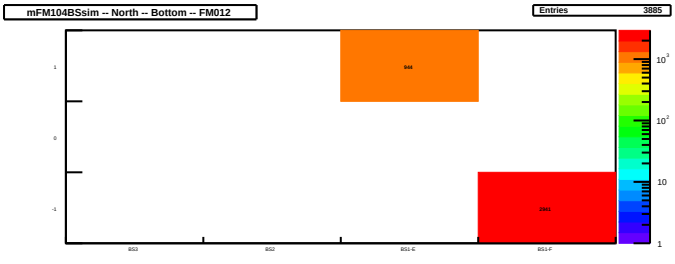

mFM104J -- South -- Bottom/Side -- FM011
Entries 101045
J(23)

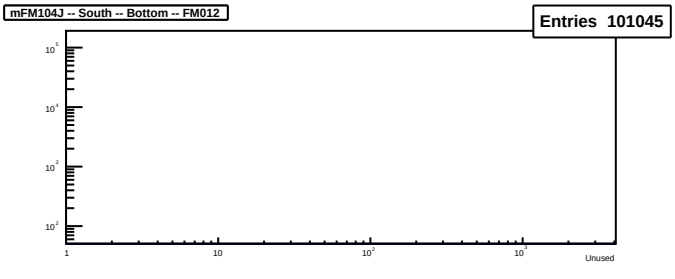

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

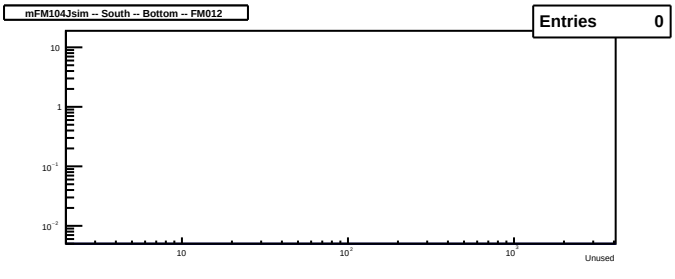

mFM104JP -- South -- Bottom/Side -- FM011
Entries 202090
JP-GH
JP-IJ

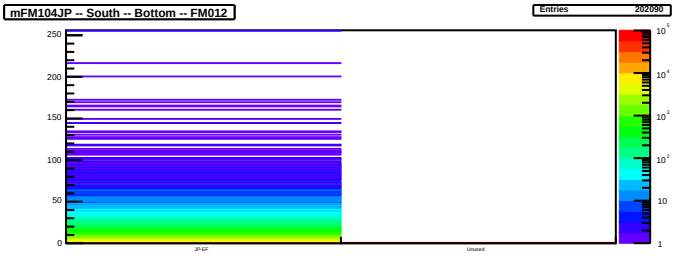

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ


mFM104BS -- North -- Bottom -- FM012
Entries 404180
BS3
BS2
BS1-E
BS1-F

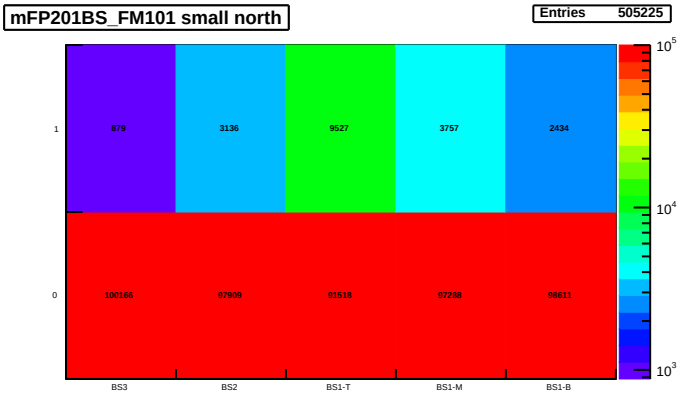

mFM104BSsim -- North -- Bottom -- FM012
Entries 3885
BS3
BS2
BS1-E
BS1-F

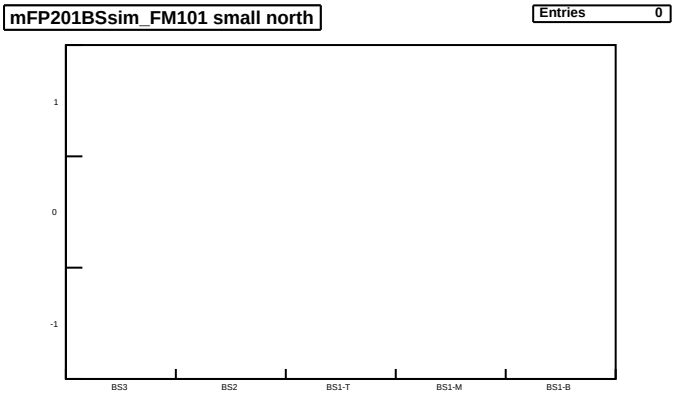

mFM104J -- South -- Bottom -- FM012
Entries 101045
Unused

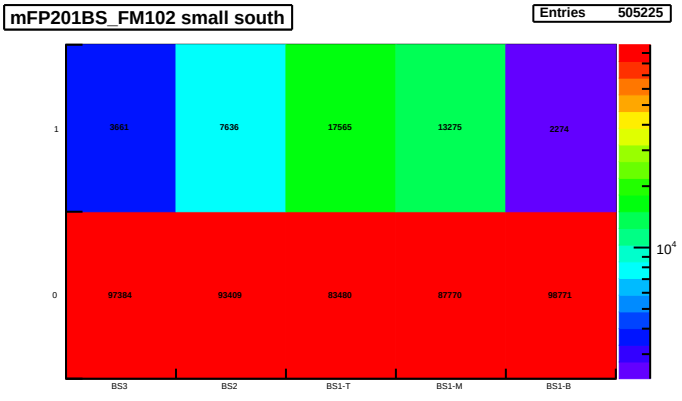

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

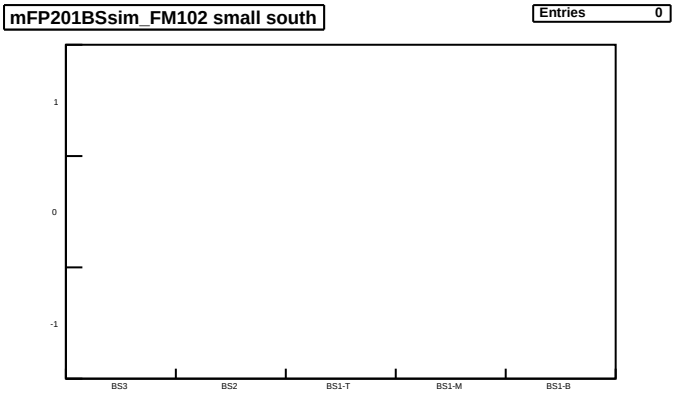

mFM104JP -- South -- Bottom -- FM012
Entries 202090
JP-EF
Unused

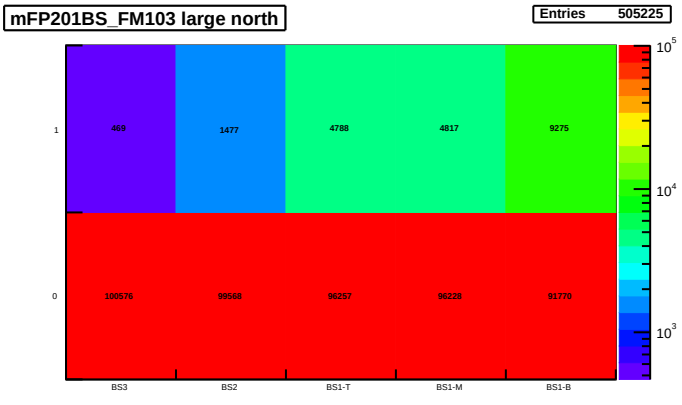
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

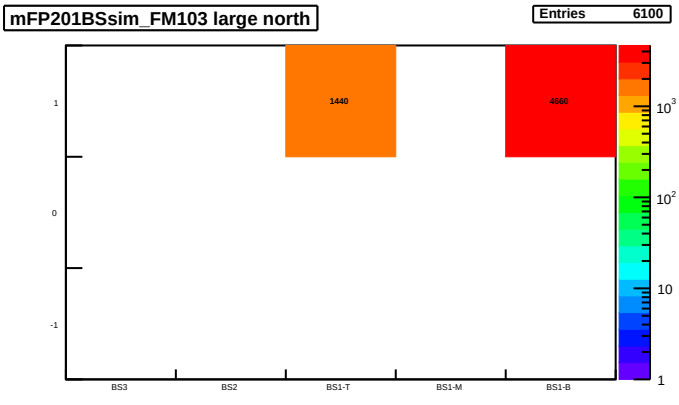

mFP201BS_FM101 small north
Entries 505225
879
3136
9527
3757
2434
100166
97909
91518
97288
98611
BS3
BS2
BS1-T
BS1-M
BS1-B

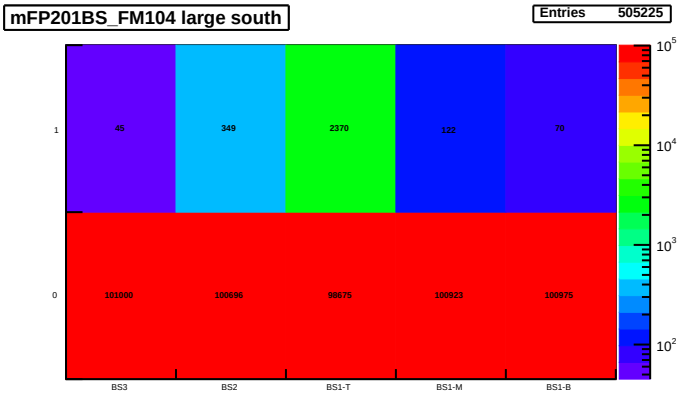

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

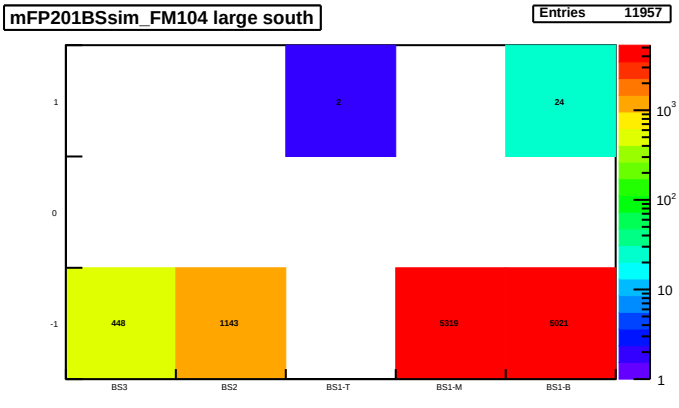

mFP201BS_FM102 small south
Entries 505225
3661
7636
17565
13275
2274
97384
93409
83480
87770
98771
BS3
BS2
BS1-T
BS1-M
BS1-B

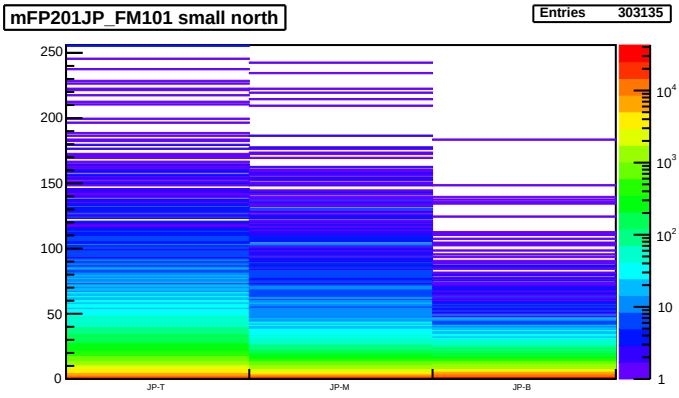

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

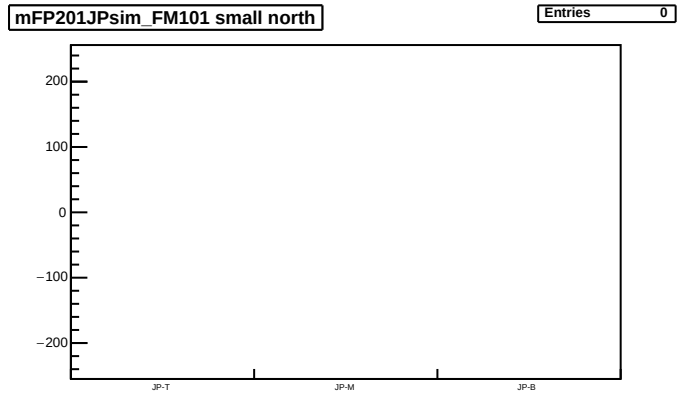

mFP201BS_FM103 large north
Entries 505225
469
1477
4788
4817
9275
100576
99568
96257
96228
91770
BS3
BS2
BS1-T
BS1-M
BS1-B

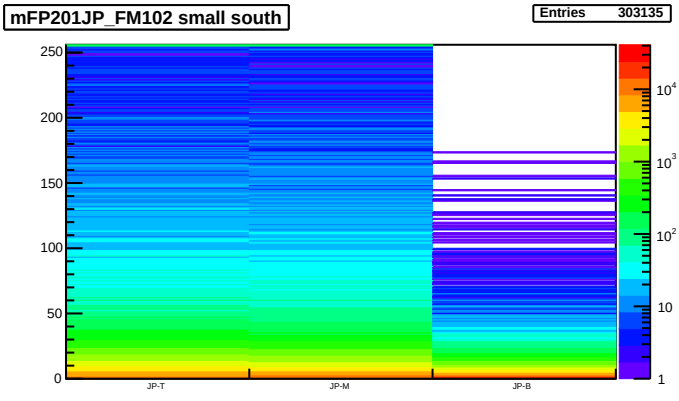

mFP201BSsim_FM103 large north
Entries 6100
1440
4660
BS3
BS2
BS1-T
BS1-M
BS1-B

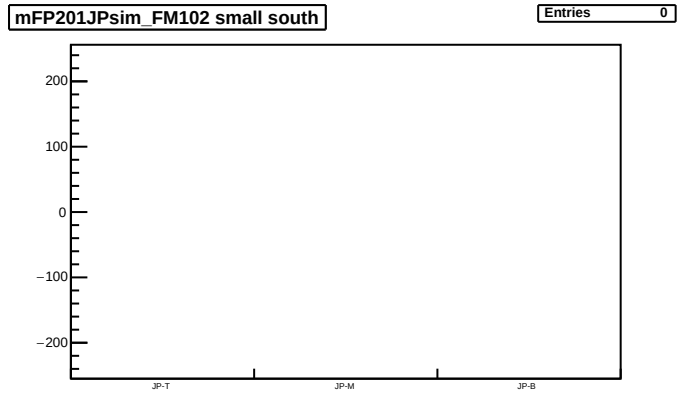

mFP201BS_FM104 large south
Entries 505225
45
349
2370
122
70
101000
100696
98675
100923
100975
BS3
BS2
BS1-T
BS1-M
BS1-B

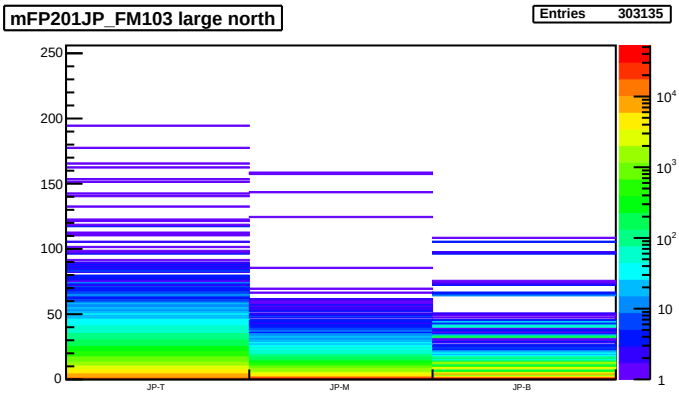

mFP201BSsim_FM104 large south
Entries 11957
2
24
448
1143
5319
5021
BS3
BS2
BS1-T
BS1-M
BS1-B

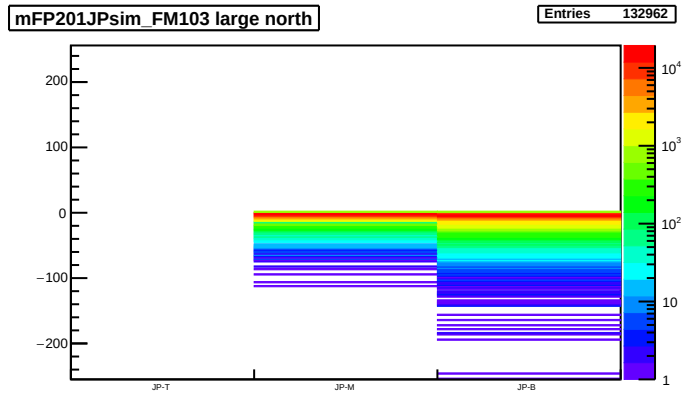

mFP201JP_FM101 small north
Entries 303135
JP-T
JP-M
JP-B

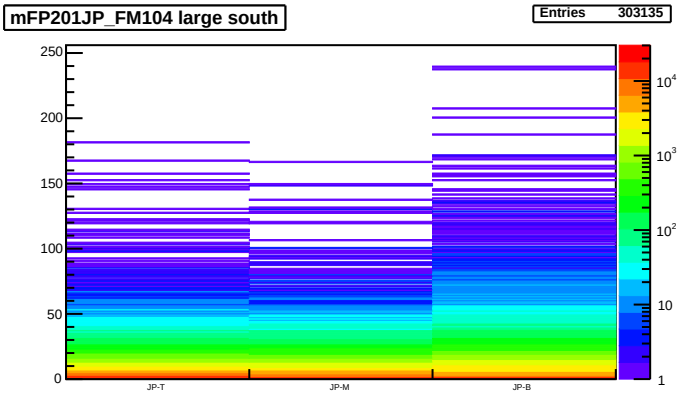

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

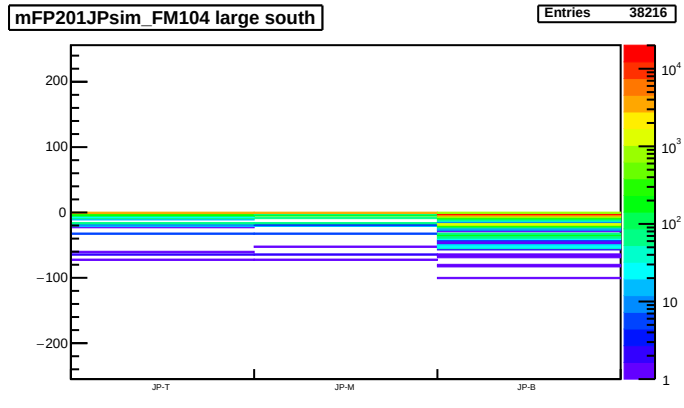

mFP201JP_FM102 small south
Entries 303135
JP-T
JP-M
JP-B

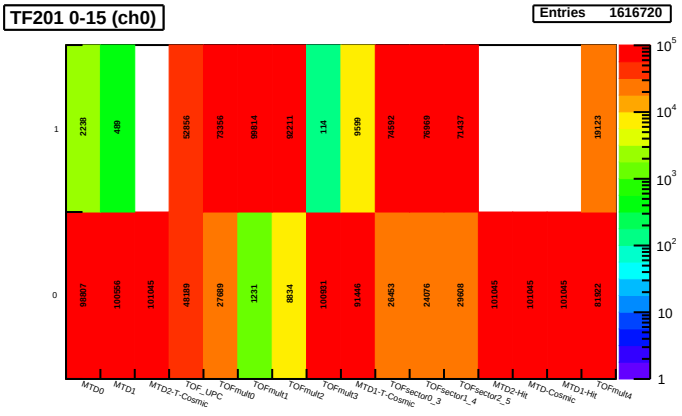

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

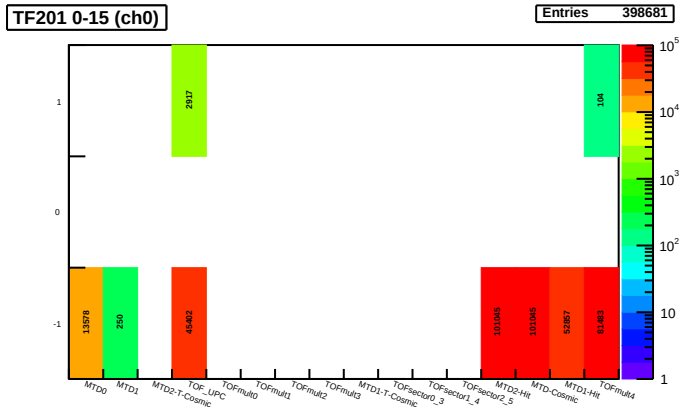

mFP201JP_FM103 large north
Entries 303135
JP-T
JP-M
JP-B

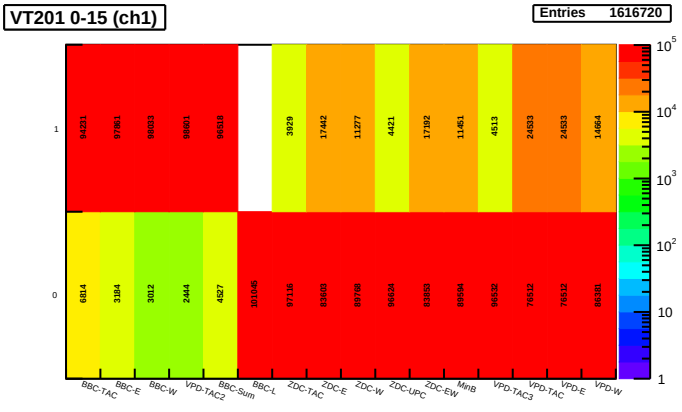

mFP201JPsim_FM103 large north
Entries 132962
JP-T
JP-M
JP-B

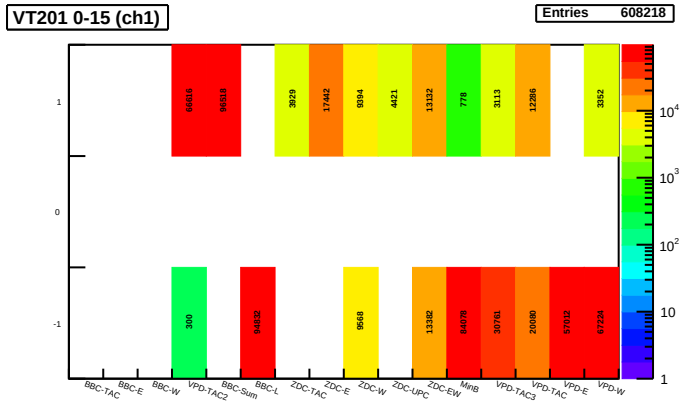

mFP201JP_FM104 large south
Entries 303135
JP-T
JP-M
JP-B

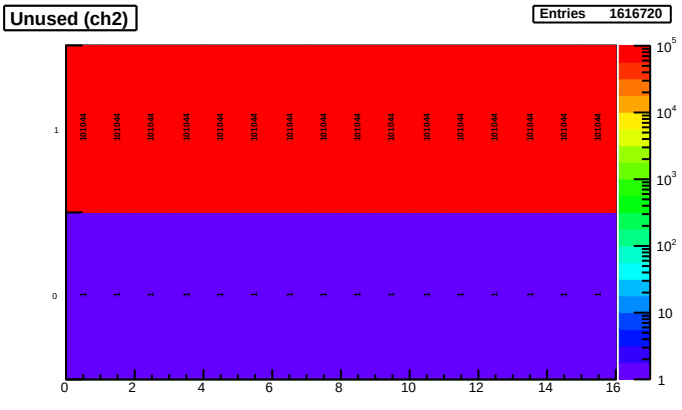

mFP201JPsim_FM104 large south
Entries 38216
JP-T
JP-M
JP-B

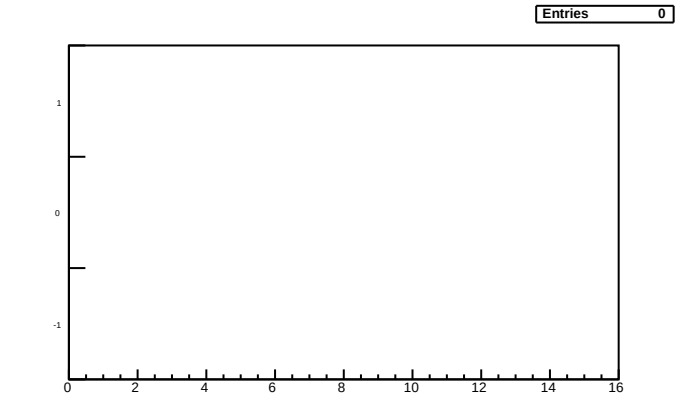

TF201 0-15 (ch0)
Entries 1616720
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

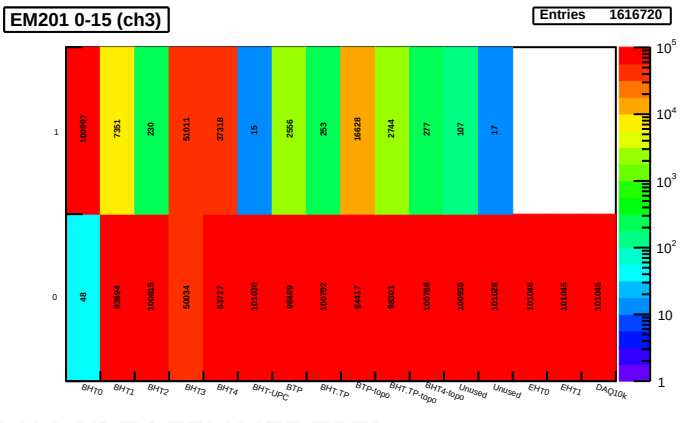

TF201 0-15 (ch0)
Entries 398681
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

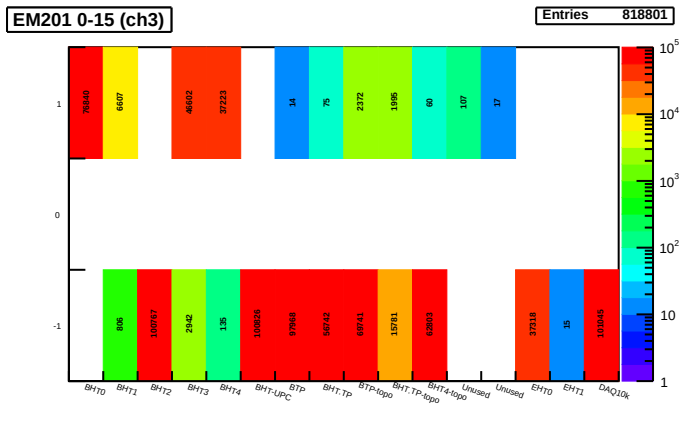

VT201 0-15 (ch1)
Entries 1616720
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

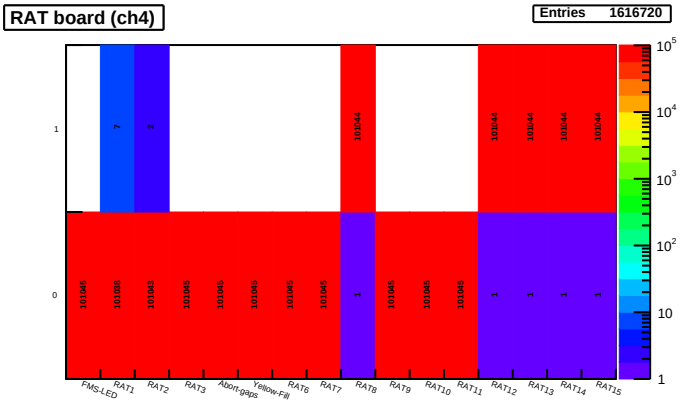

VT201 0-15 (ch1)
Entries 608218
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

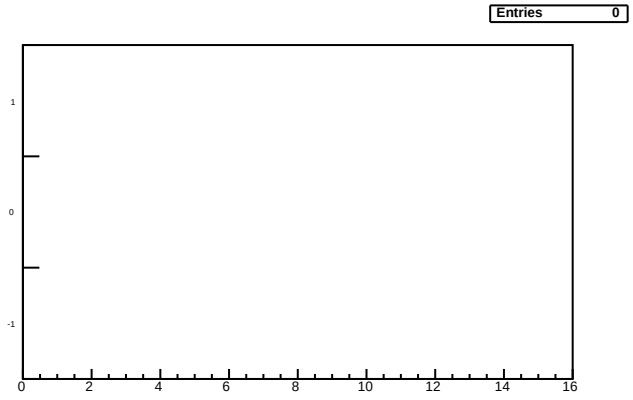

Unused (ch2)
Entries 1616720

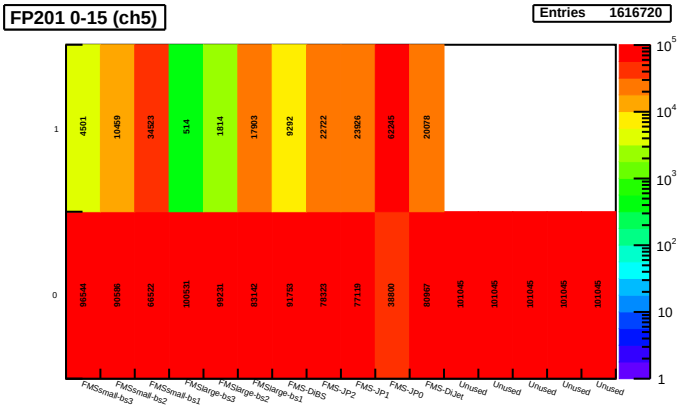

Entries 0

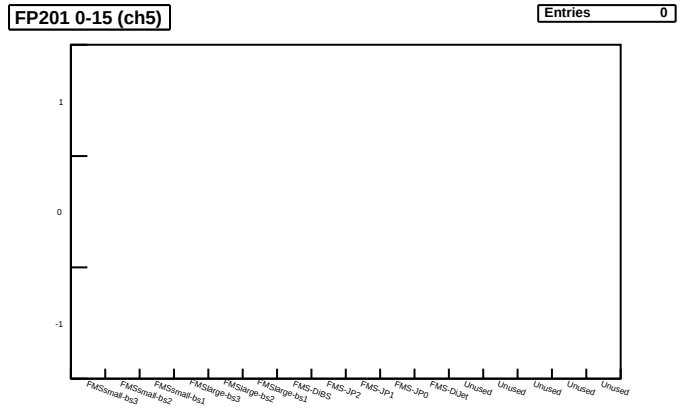

EM201 0-15 (ch3)
Entries 1616720
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

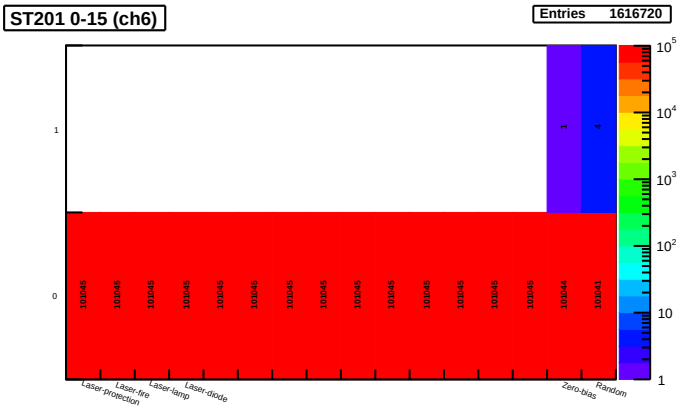

EM201 0-15 (ch3)
Entries 818801
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k


RAT board (ch4)
Entries 1616720
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15


Entries 0


FP201 0-15 (ch5)
Entries 1616720
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


FP201 0-15 (ch5)
Entries 0
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused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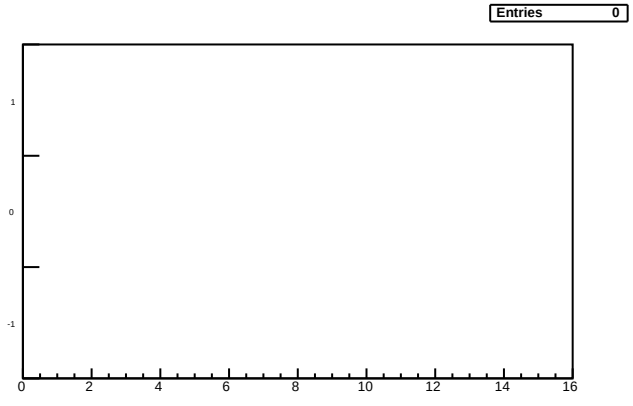
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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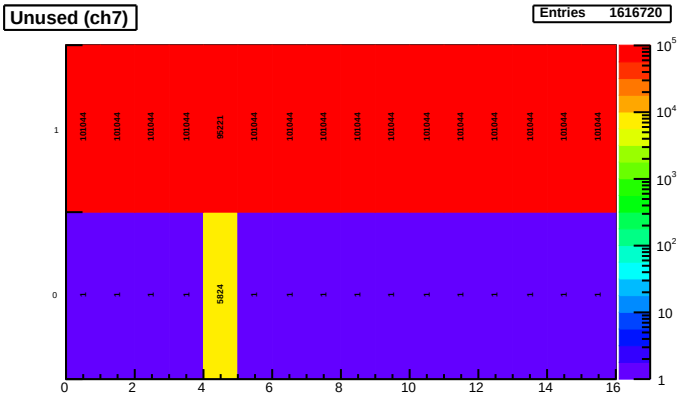
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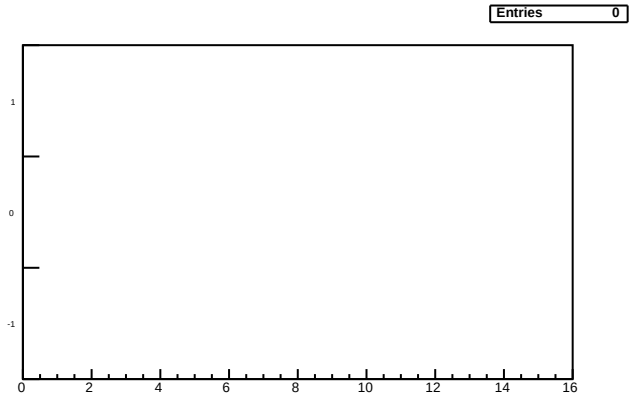
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