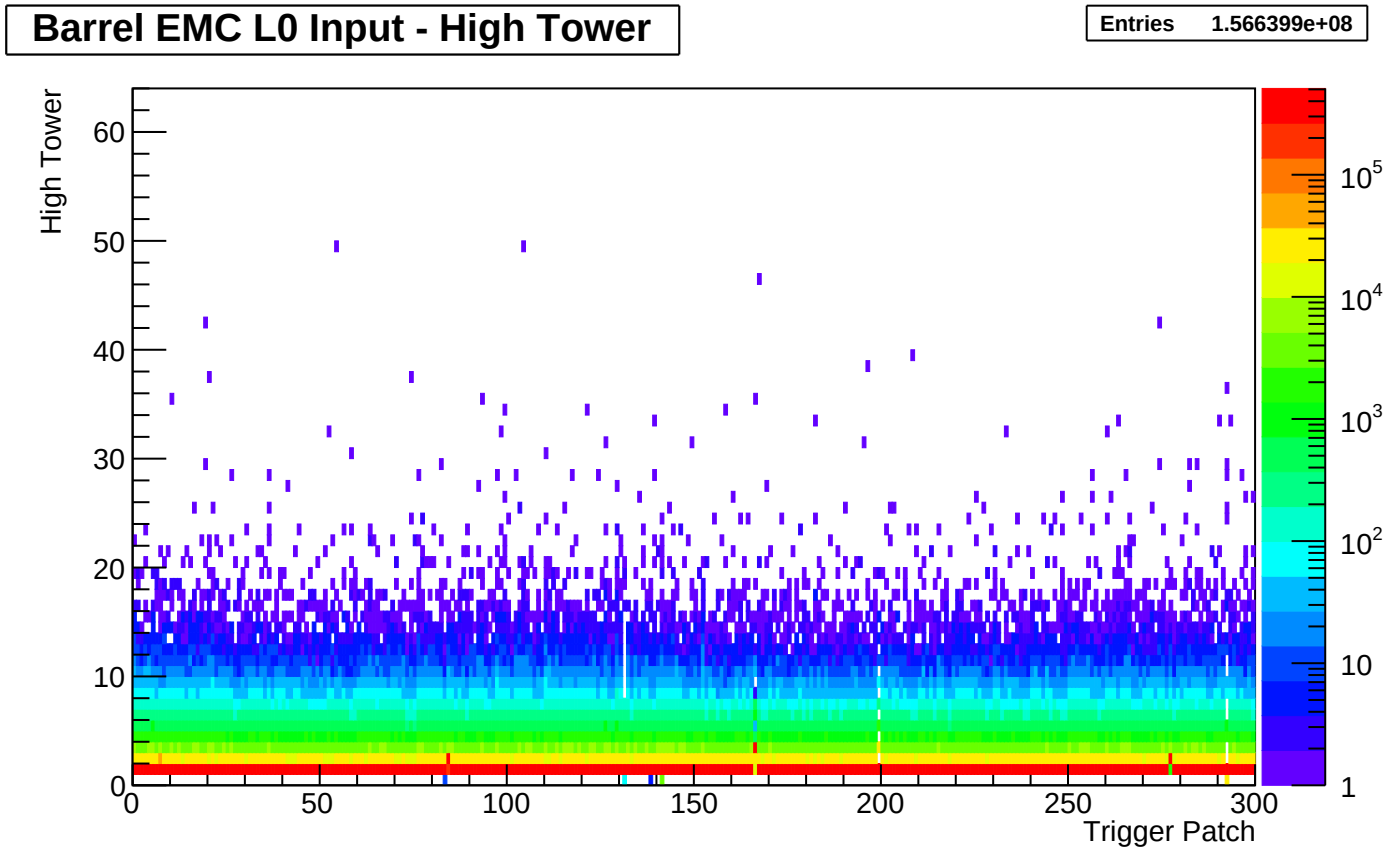
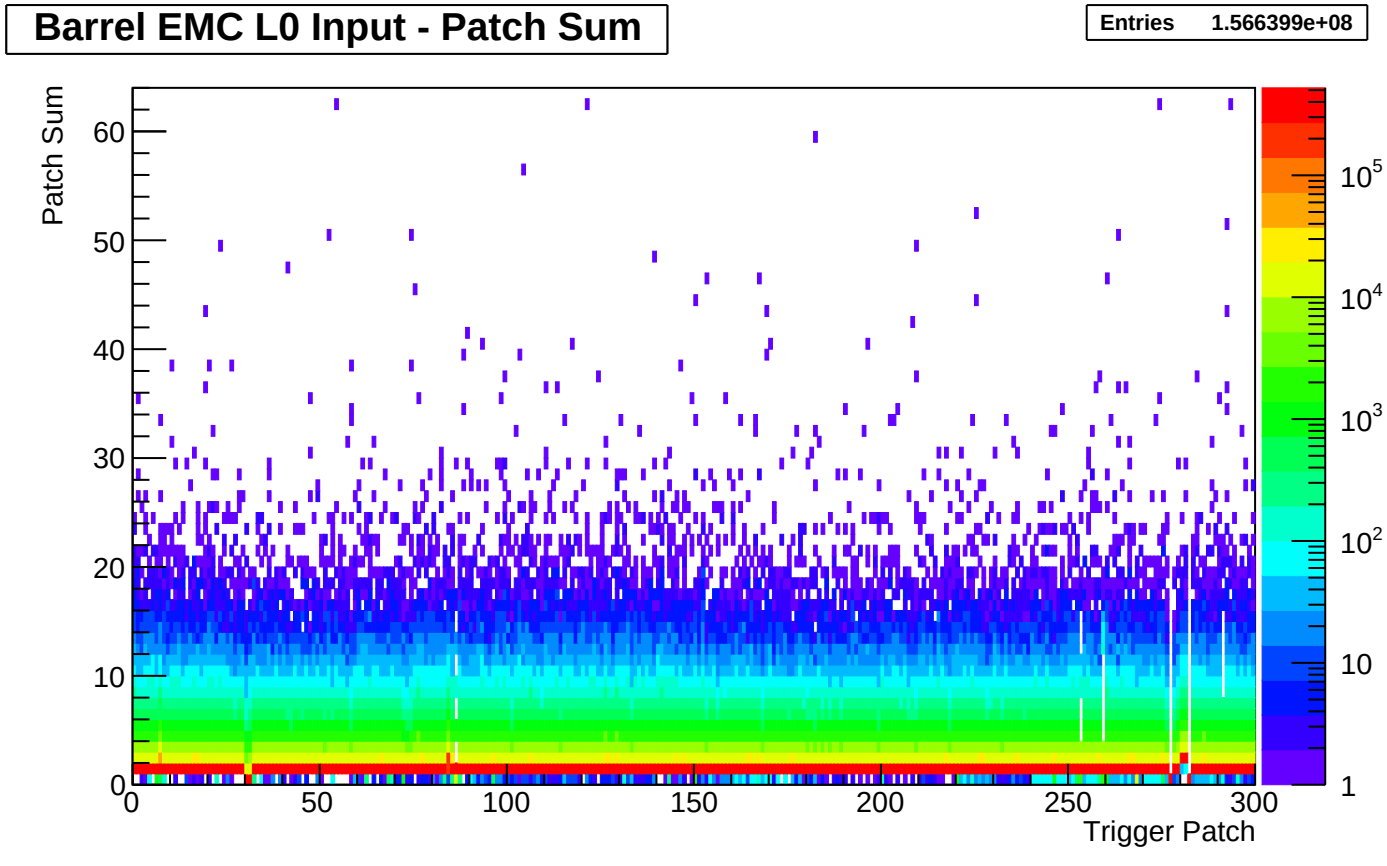
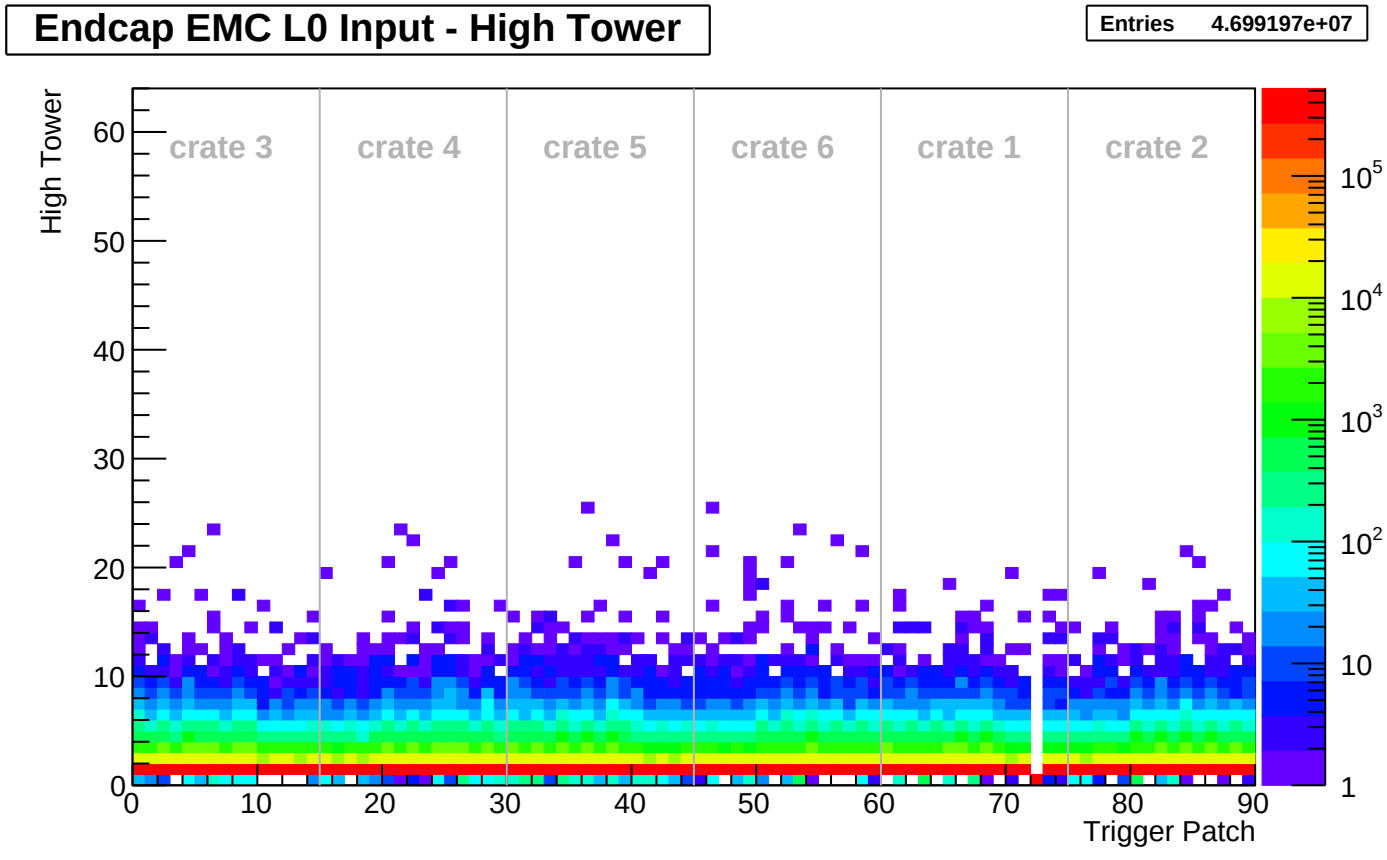
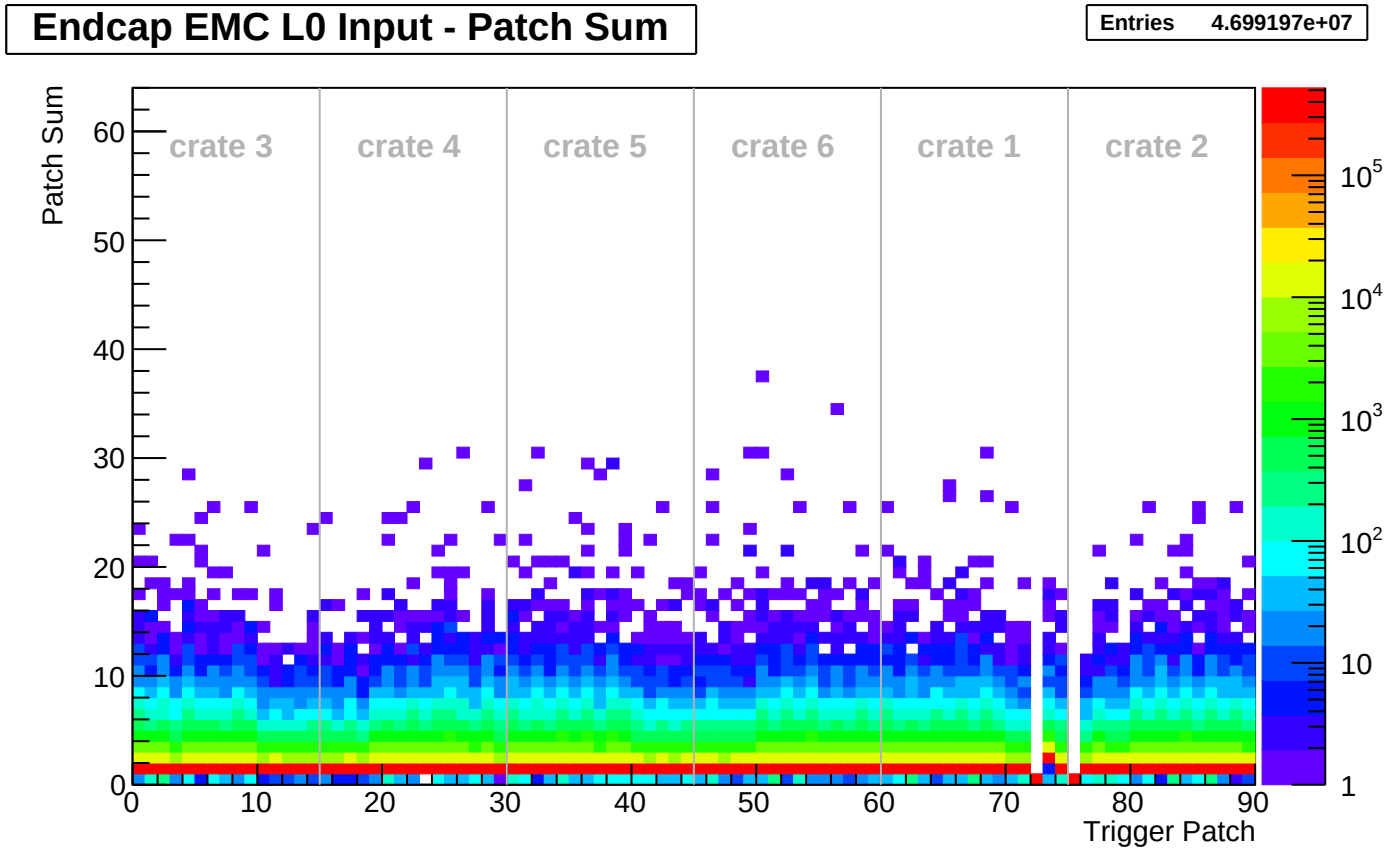
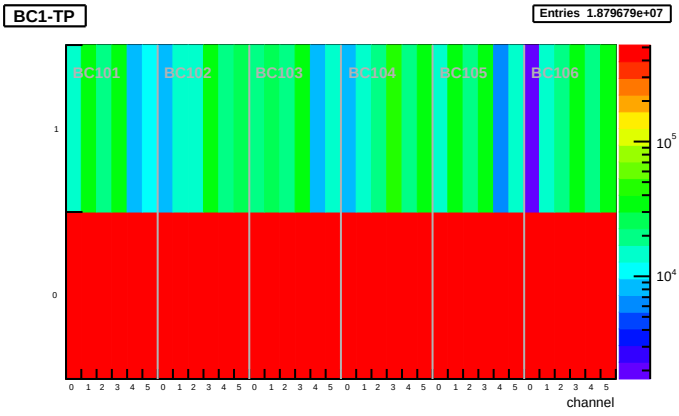
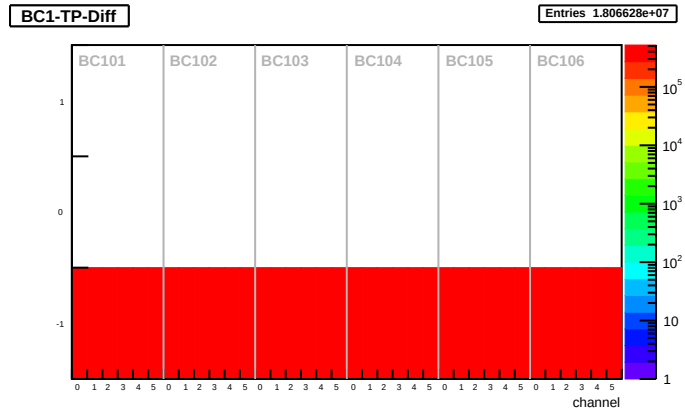

Barrel EMC L0 Input - High Tower
Entries 1.566399e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

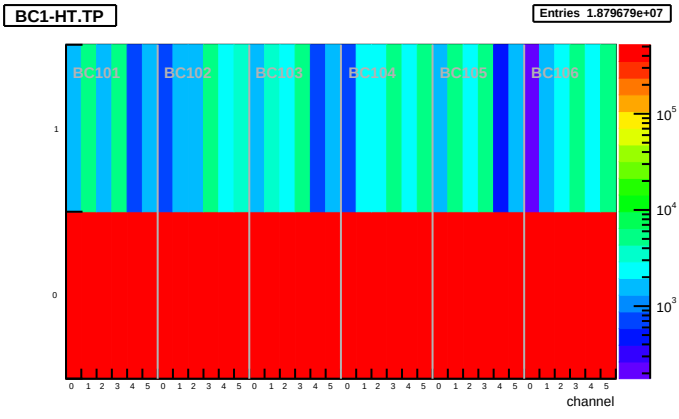

Barrel EMC L0 Input - Patch Sum
Entries 1.566399e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

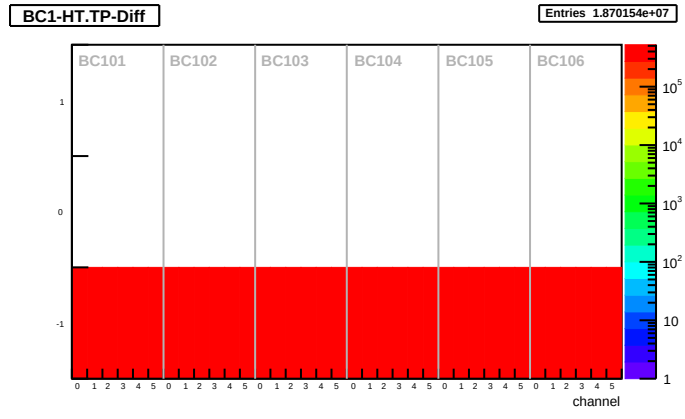

Endcap EMC L0 Input - High Tower
Entries 4.699197e+07
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

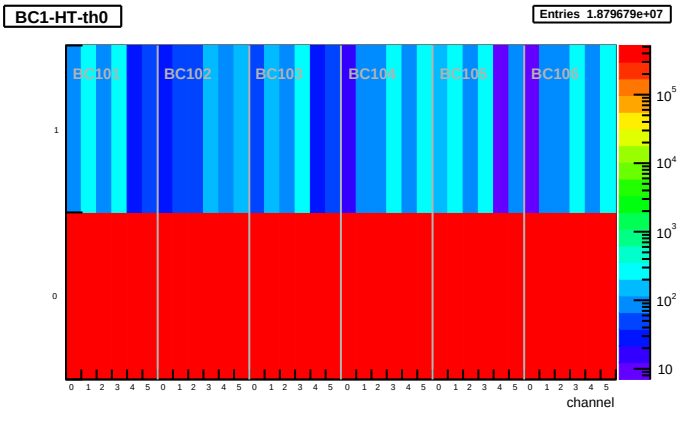

Endcap EMC L0 Input - Patch Sum
Entries 4.699197e+07
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

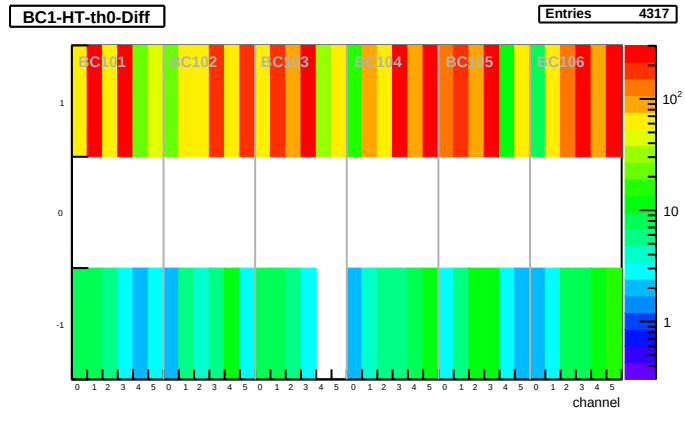

BC1-TP
Entries 1.879679e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

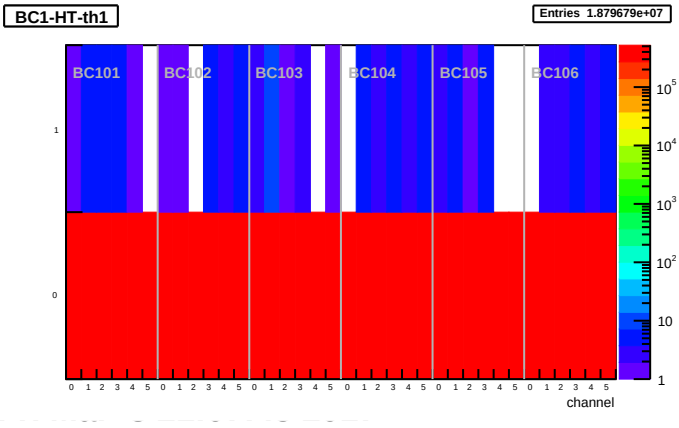

BC1-TP-Diff
Entries 1.806628e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

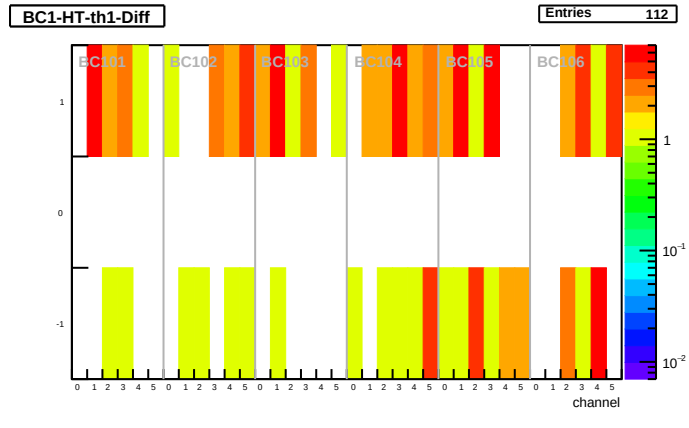

BC1-HT.TP
Entries 1.879679e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

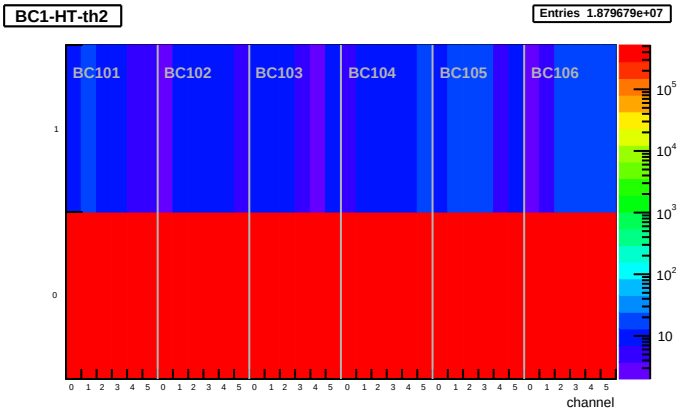

BC1-HT.TP-Diff
Entries 1.870154e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

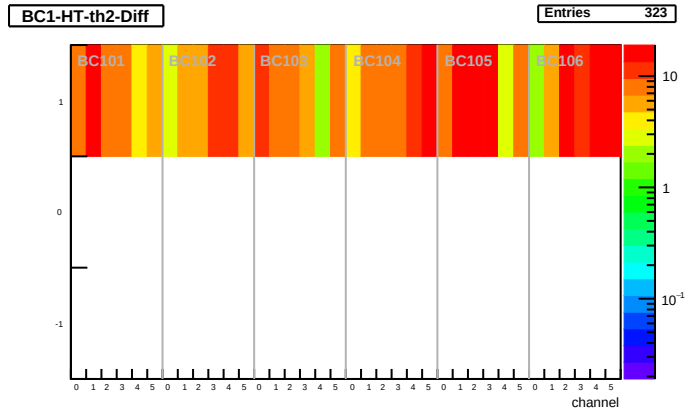

BC1-HT-th0
Entries 1.879679e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

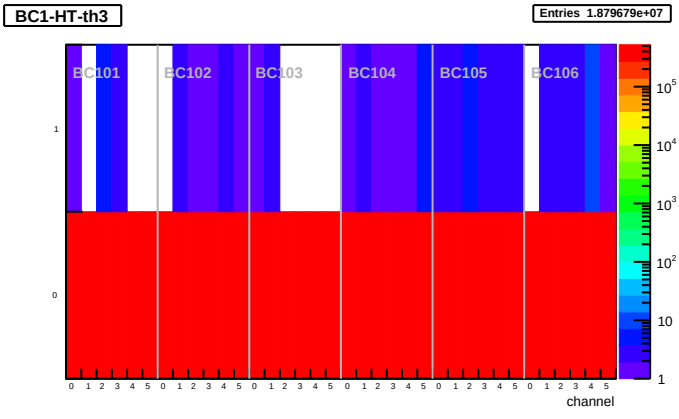

BC1-HT-th0-Diff
Entries 4317
BC101
BC102
BC103
BC104
BC105
BC106
channel

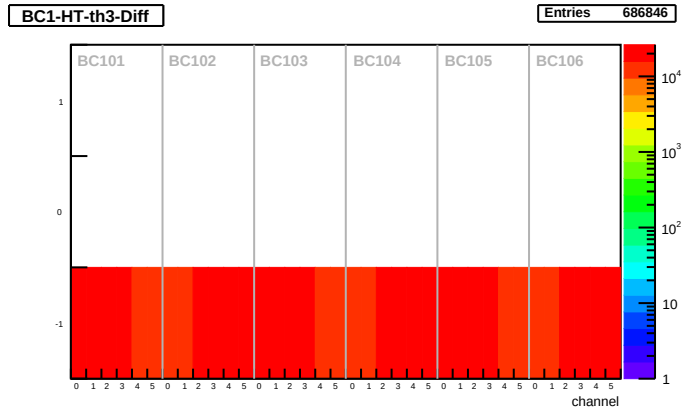

BC1-HT-th1
Entries 1.879679e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

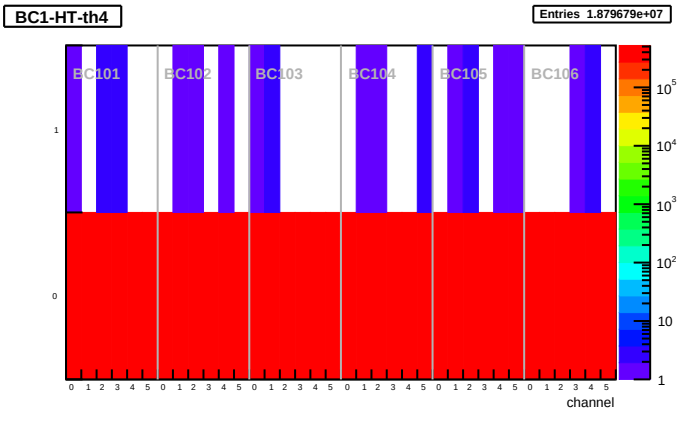

BC1-HT-th1-Diff
Entries 112
BC101
BC102
BC103
BC104
BC105
BC106
channel

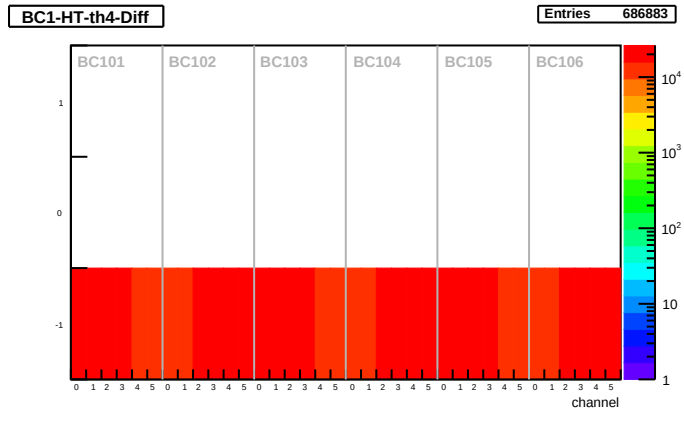

BC1-HT-th2
Entries 1.879679e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

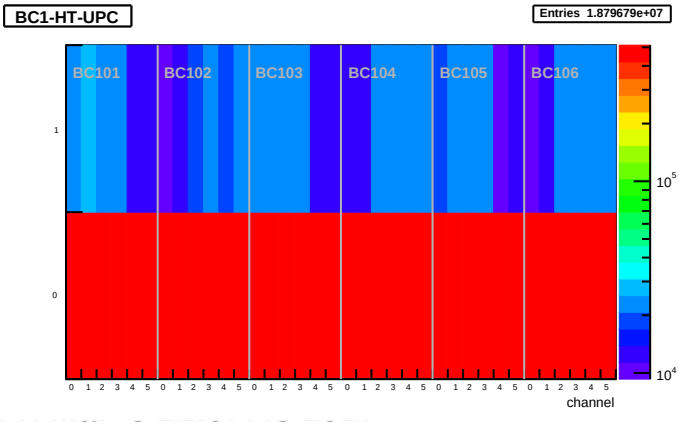

BC1-HT-th2-Diff
Entries 323
BC101
BC102
BC103
BC104
BC105
BC106
channel

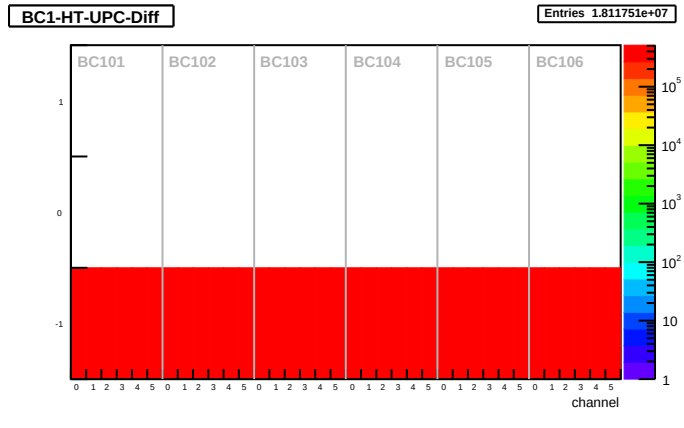

BC1-HT-th3
Entries 1.879679e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

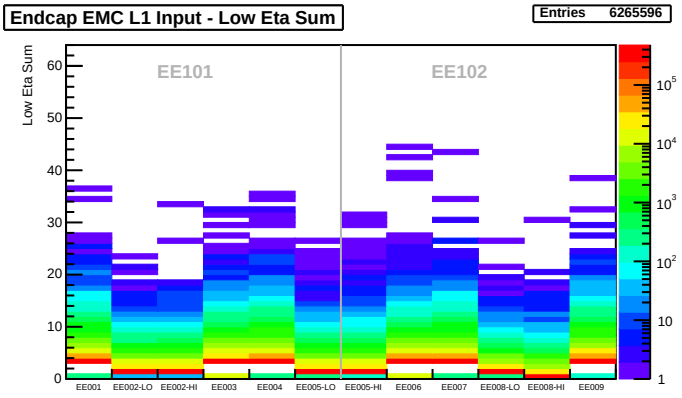

BC1-HT-th3-Diff
Entries 686846
BC101
BC102
BC103
BC104
BC105
BC106
channel

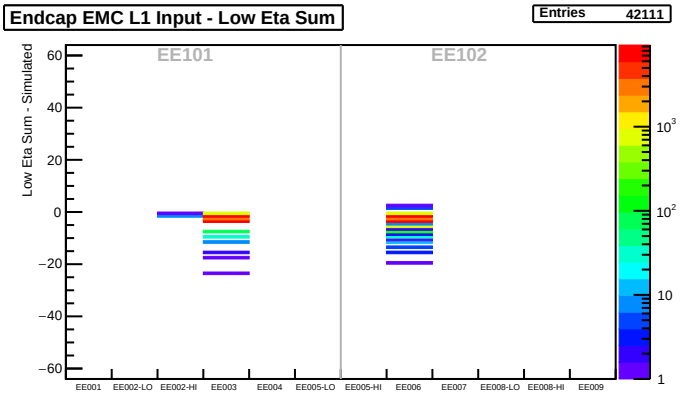

BC1-HT-th4
Entries 1.879679e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

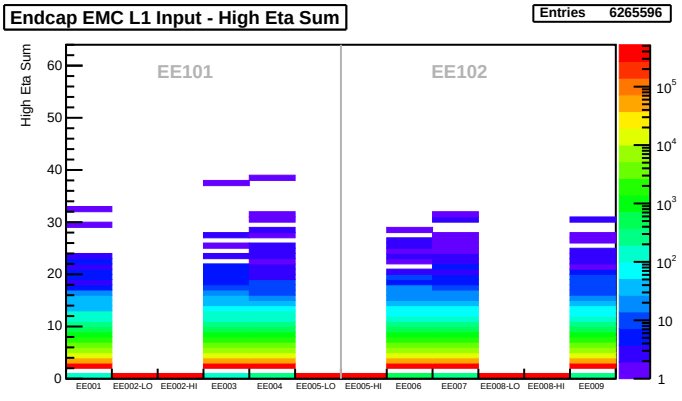

BC1-HT-th4-Diff
Entries 686883
BC101
BC102
BC103
BC104
BC105
BC106
channel

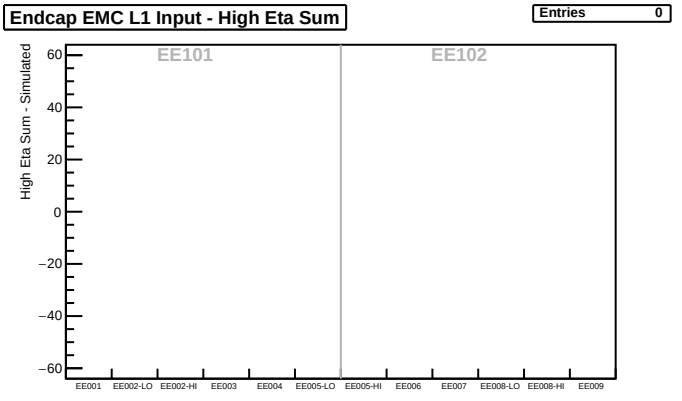

BC1-HT-UPC
Entries 1.879679e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

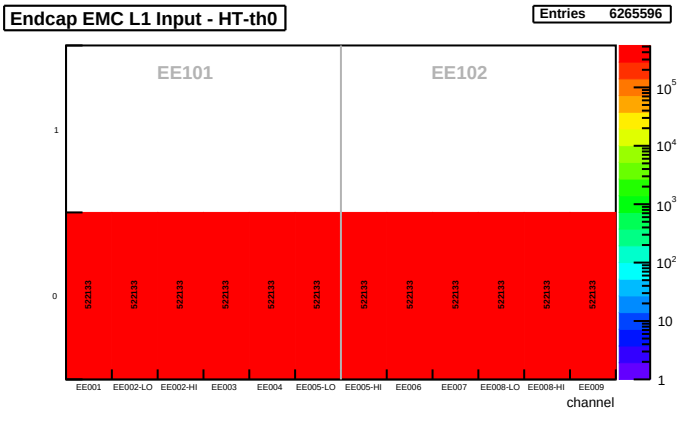

BC1-HT-UPC-Diff
Entries 1.811751e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

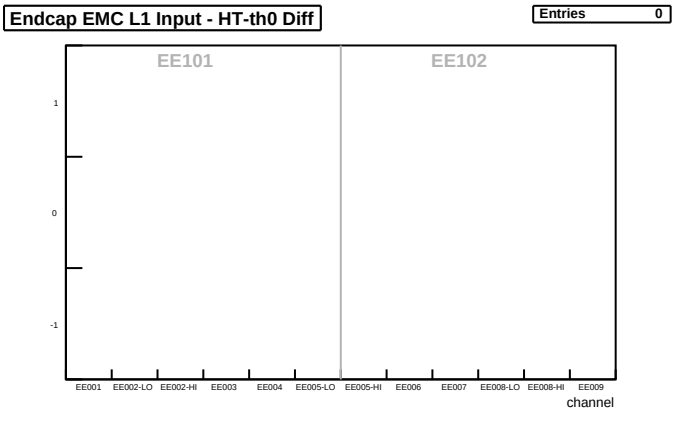

Endcap EMC L1 Input - Low Eta Sum
Entries 6265596
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

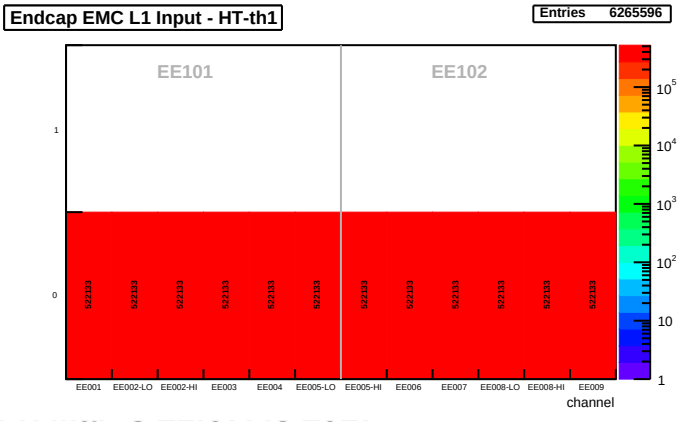

Endcap EMC L1 Input - Low Eta Sum
Entries 42111
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

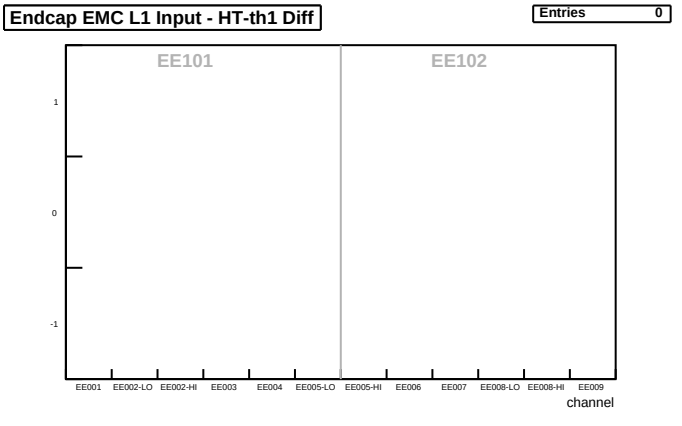

Endcap EMC L1 Input - High Eta Sum
Entries 6265596
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

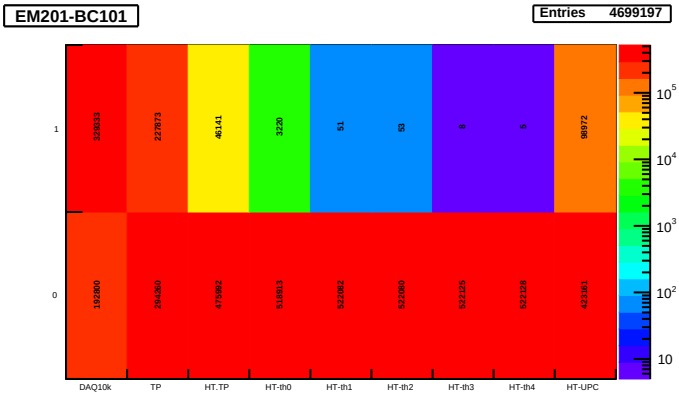

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

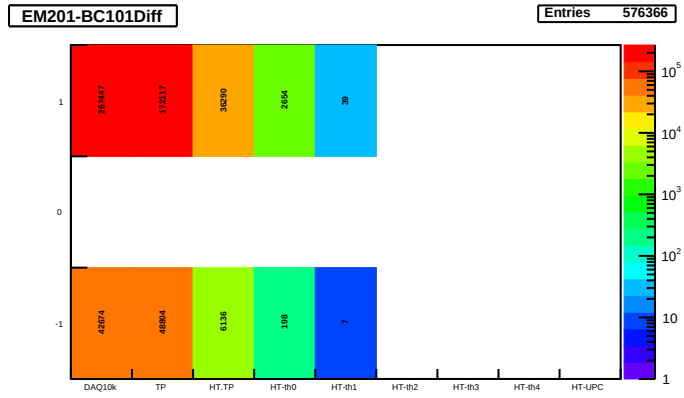

Endcap EMC L1 Input - HT-th0
Entries 6265596
EE101
EE102
522133
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

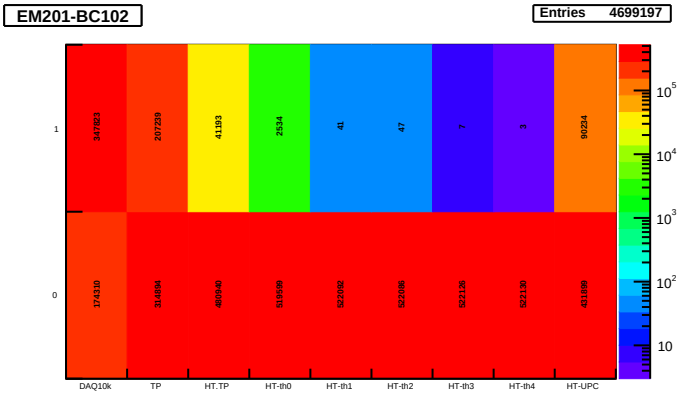

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

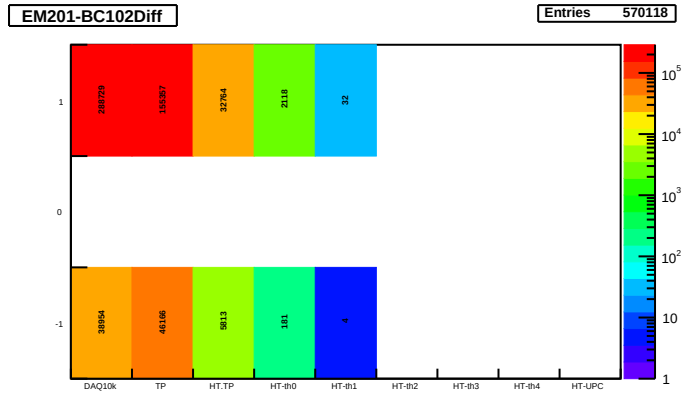

Endcap EMC L1 Input - HT-th1
Entries 6265596
EE101
EE102
522133
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

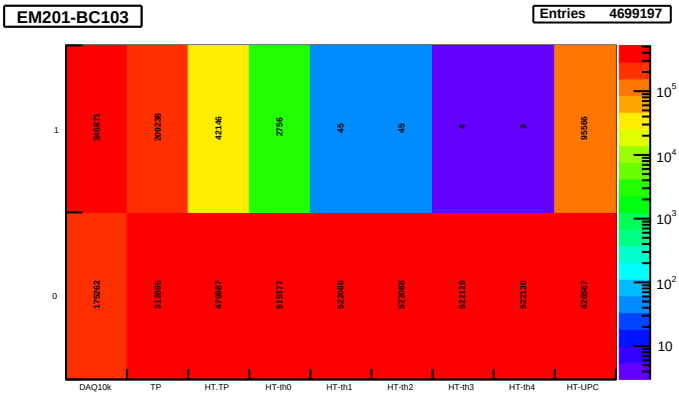

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

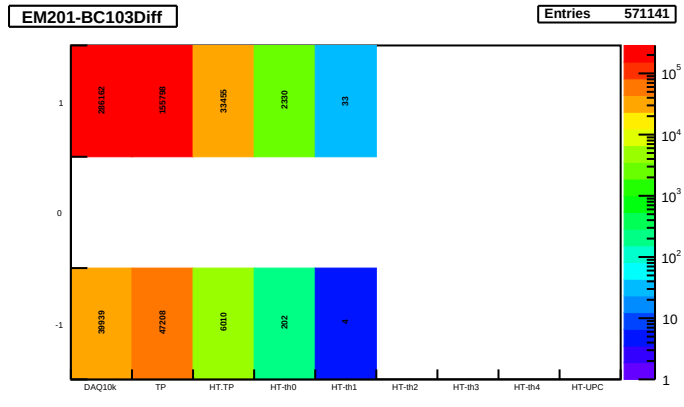

EM201-BC101
Entries 4699197
1
0
329333
227873
46141
3220
51
53
8
5
99972
192800
294260
475292
518913
522082
522080
522125
522128
423161
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10

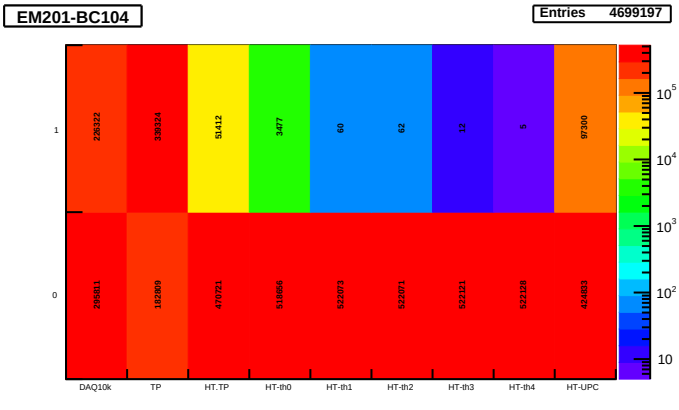

EM201-BC101Diff
Entries 576366
1
0
-1
287447
172117
36290
2654
39
42674
48804
6136
198
7
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

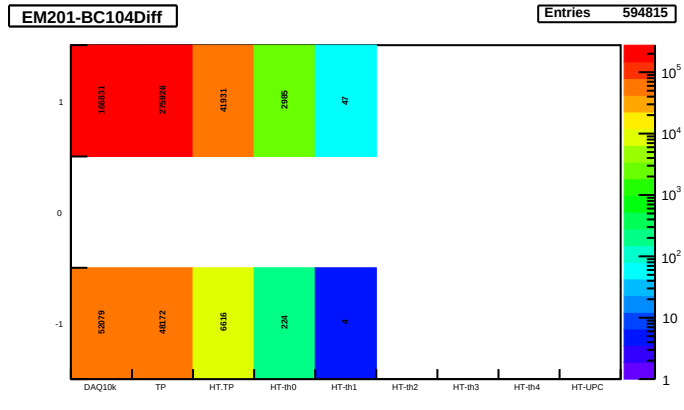

EM201-BC102
Entries 4699197
1
0
347823
207239
41193
2534
41
47
7
3
90234
174310
314494
480940
519599
522092
522086
522126
522130
431839
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10


EM201-BC102Diff
Entries 570118
1
0
-1
288729
155357
32764
2118
32
38954
46166
5813
181
4
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

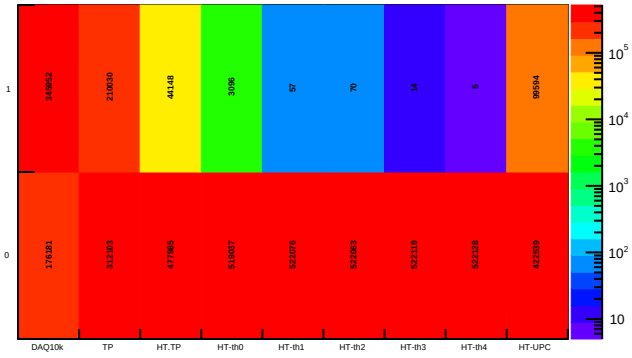

EM201-BC103
Entries 4699197
1
0
346871
209238
42146
2756
45
45
4
3
95566
175262
318395
479887
519377
522088
522088
522129
522130
426567
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10


EM201-BC103Diff
Entries 571141
1
0
-1
286102
155798
33455
2330
33
39939
47208
6010
202
4
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

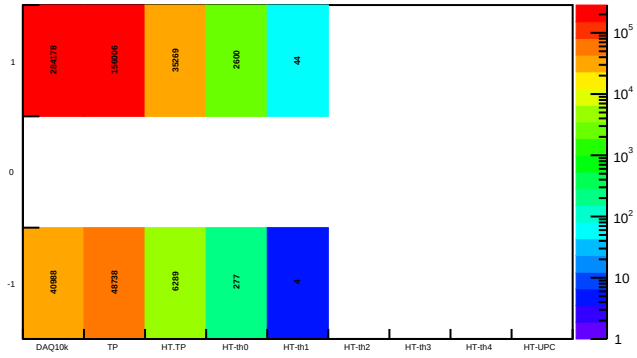

EM201-BC104
Entries 4699197
1
0
226322
339324
51412
3477
60
62
12
5
97300
295811
182869
470721
518656
522073
522071
522121
522128
424833
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10


EM201-BC104Diff
Entries 594815
1
0
-1
166831
275926
41921
2985
47
52079
48172
6616
224
4
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

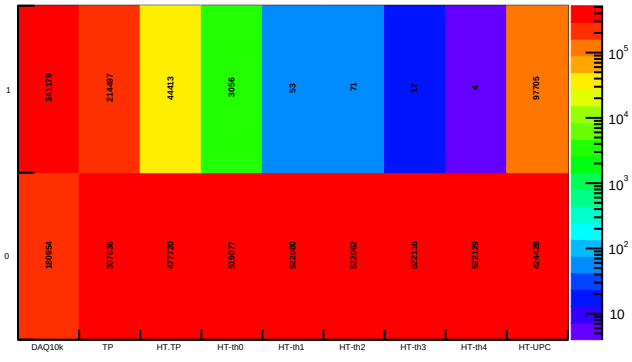
EM201-BC105 Entries 4699197



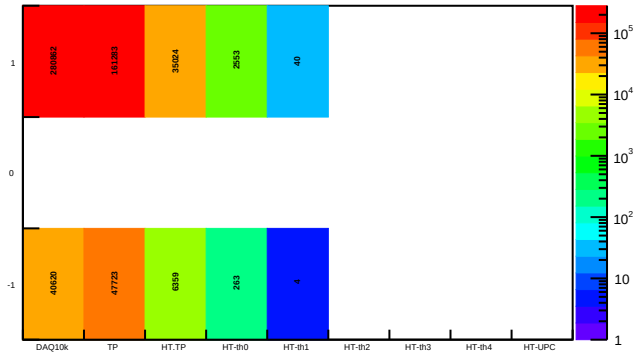
EM201-BC105Diff Entries 574393



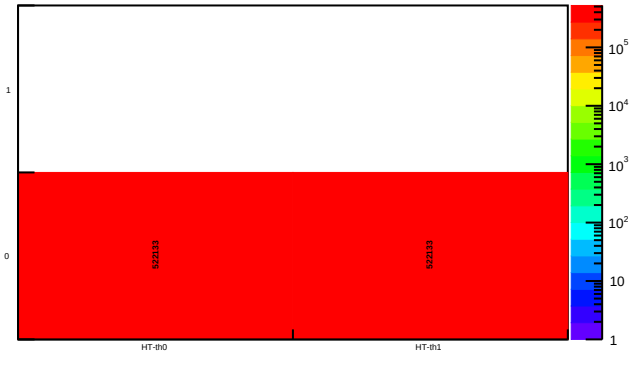
EM201-BC106 Entries 4699197



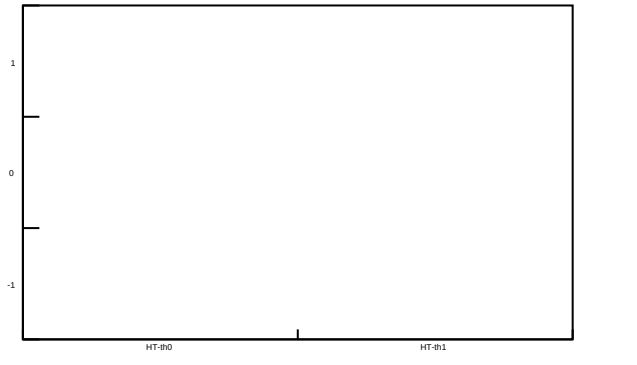
EM201-BC106Diff Entries 574731



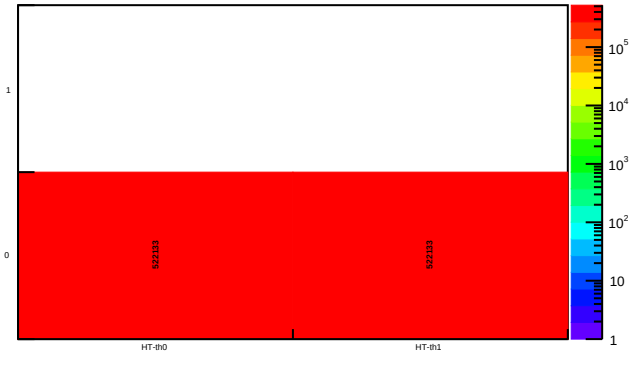
EM201-EE101 Entries 1044266



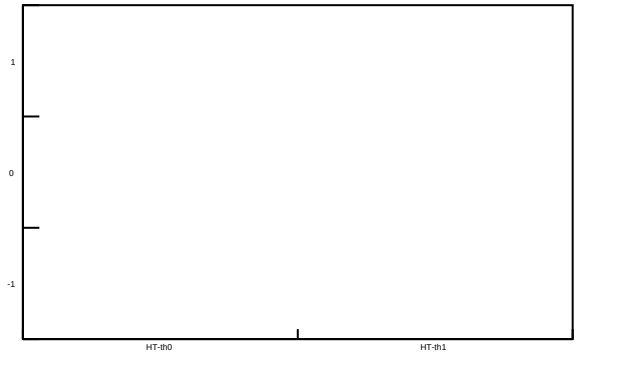
EM201-EE101Diff Entries 0

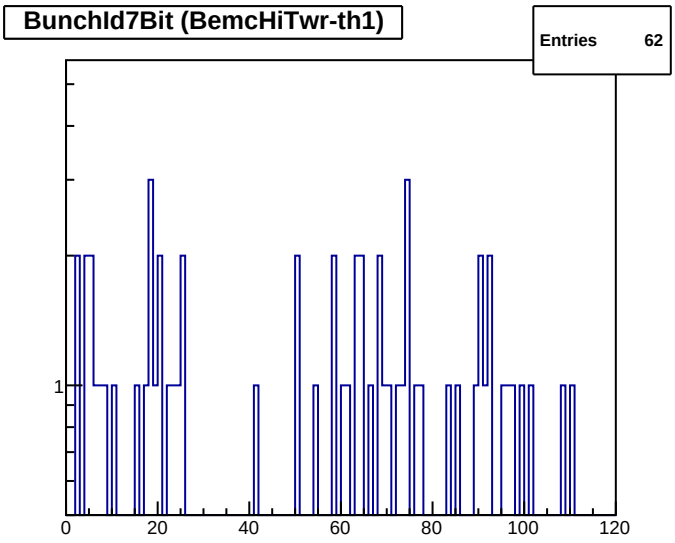


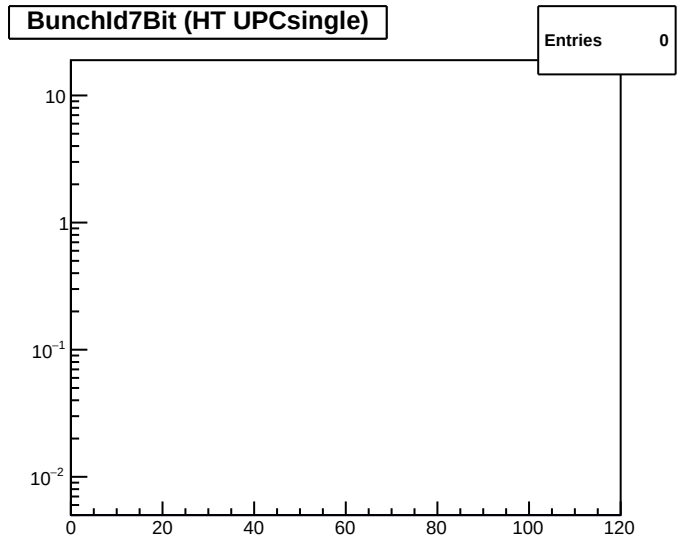
EM201-EE102 Entries 1044266

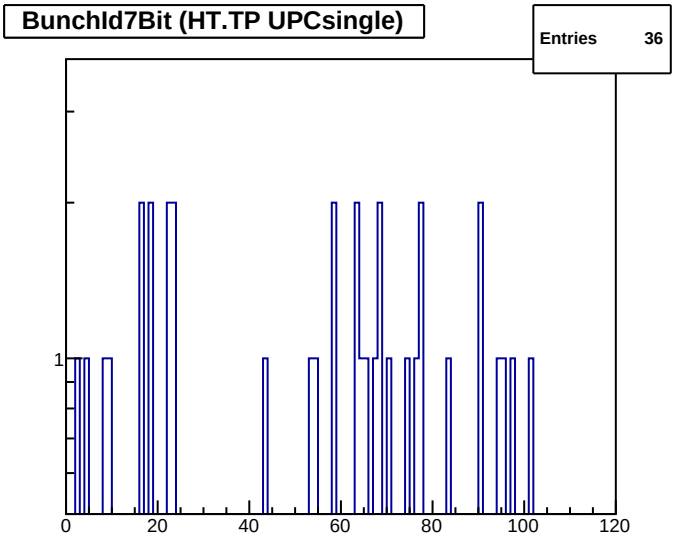


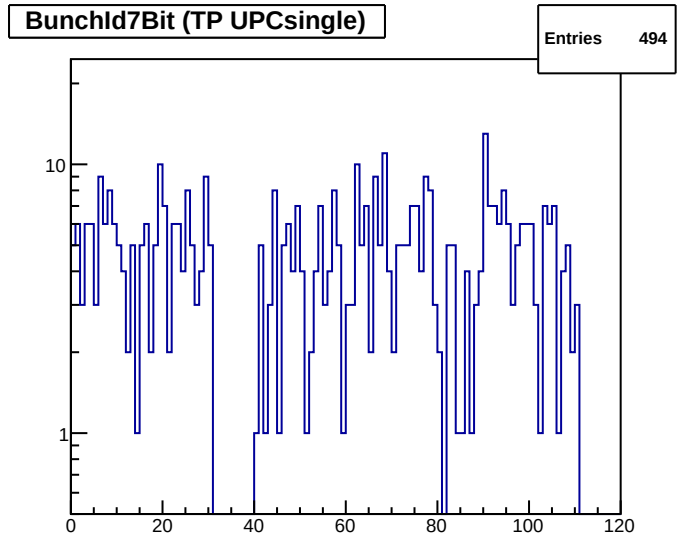
EM201-EE102Diff Entries 0

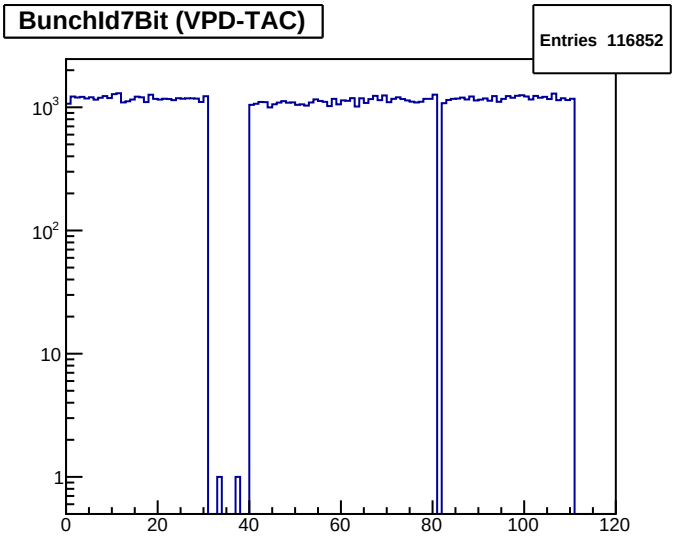


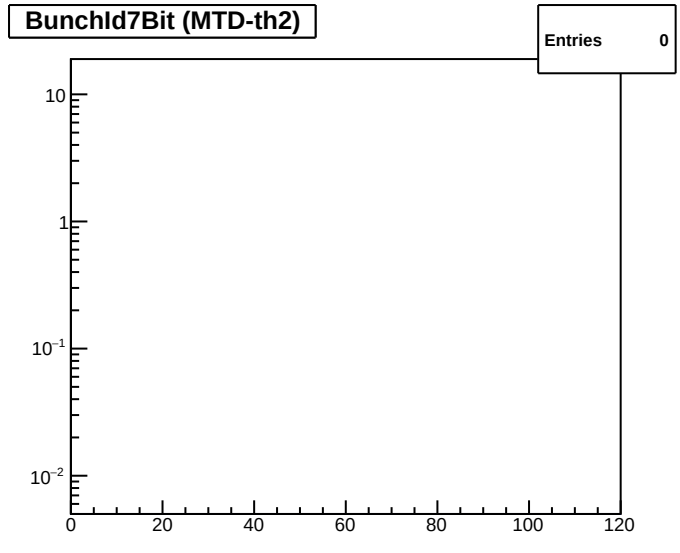

BunchId7Bit (BemcHiTwr-th1)
Entries 62
1
0 20 40 60 80 100 120

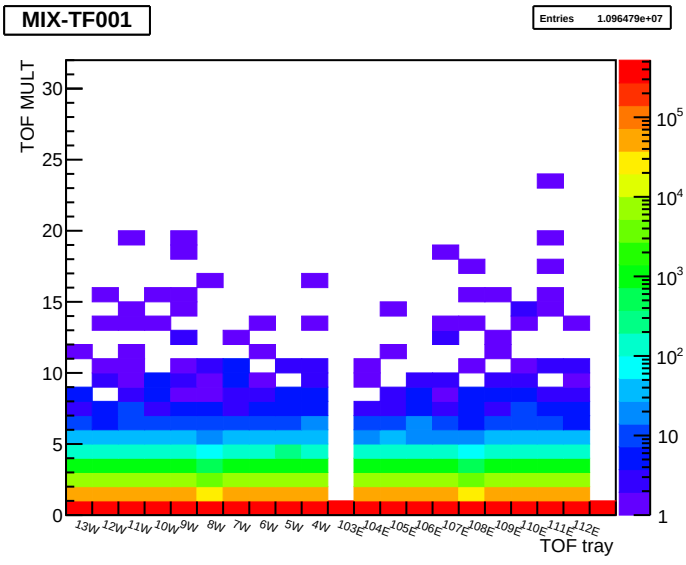

BunchId7Bit (HT UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

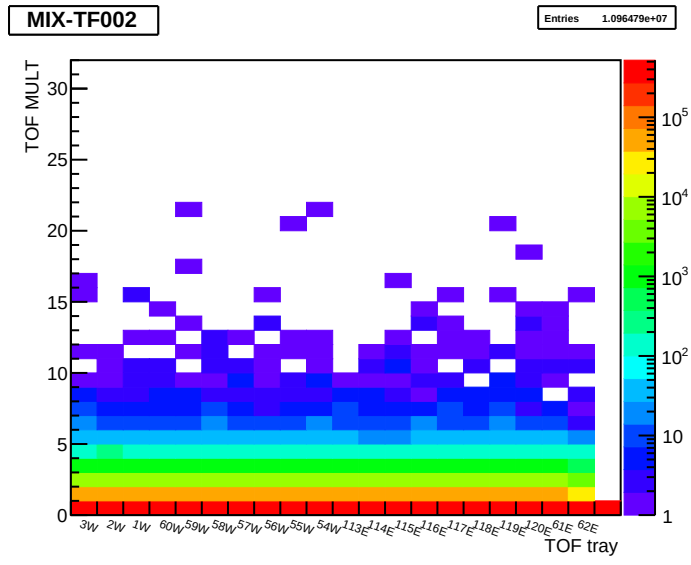

BunchId7Bit (HT.TP UPCsingle)
Entries 36
1
0 20 40 60 80 100 120

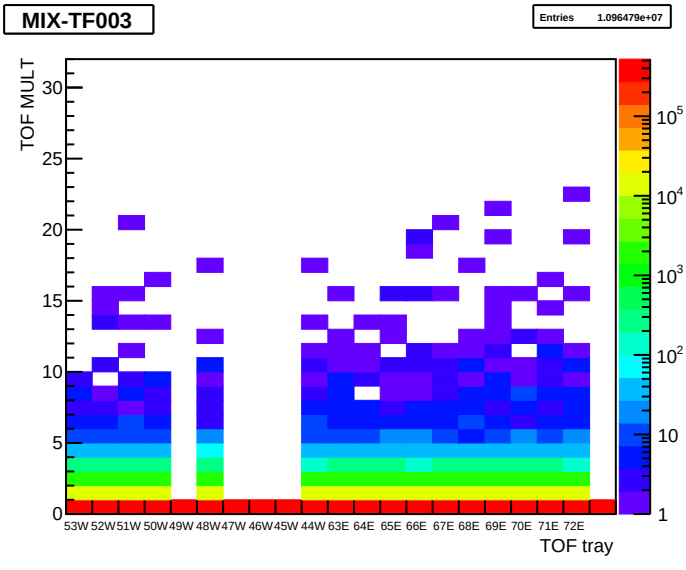

BunchId7Bit (TP UPCsingle)
Entries 494
10
1
0 20 40 60 80 100 120

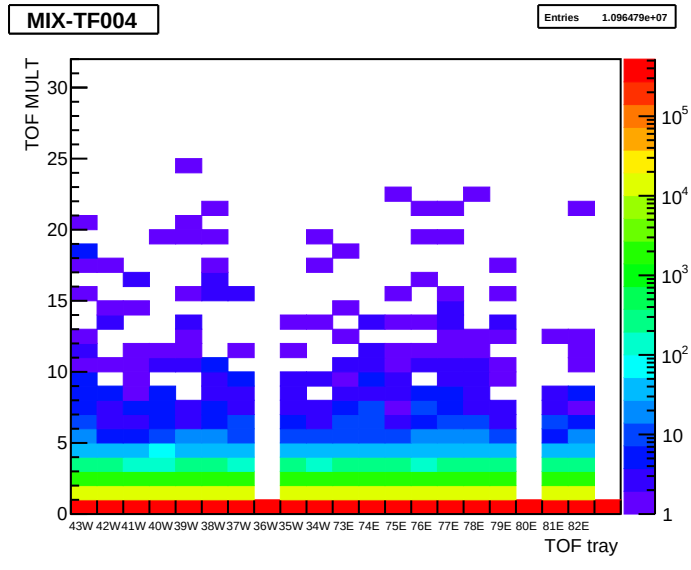

BunchId7Bit (VPD-TAC)
Entries 116852
10^3
10^2
10
1
0 20 40 60 80 100 120

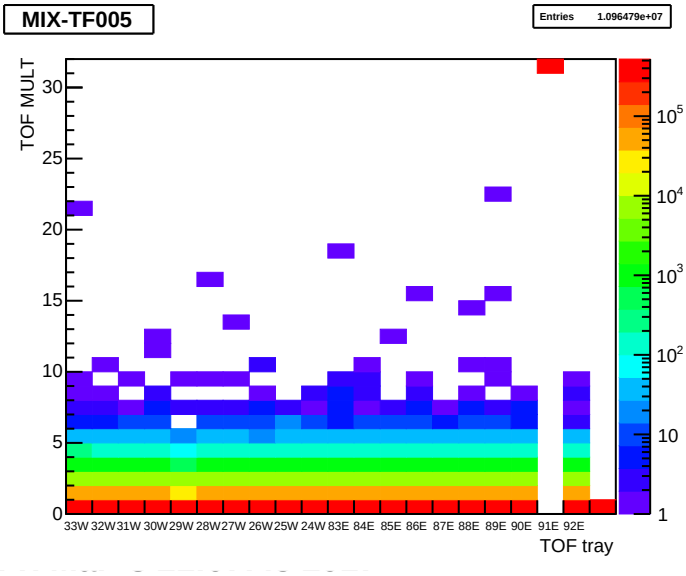

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

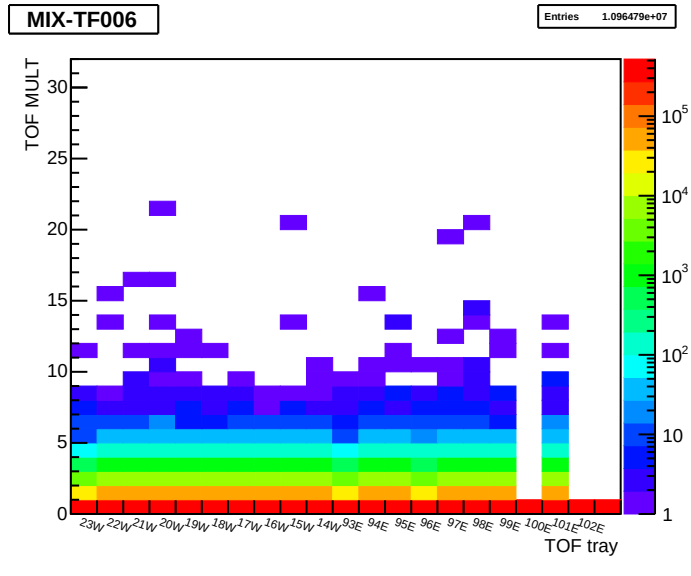

MIX-TF001
Entries 1.096479e+07
TOF MULT
TOF tray

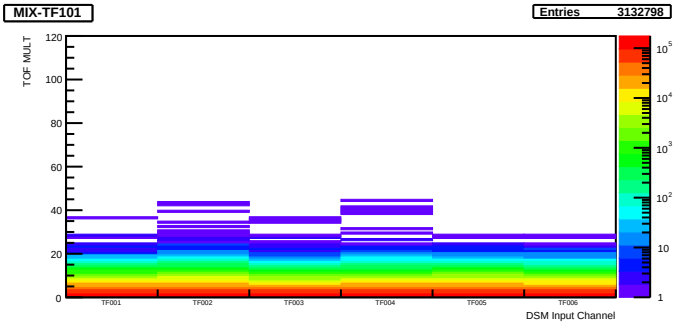

MIX-TF002
Entries 1.096479e+07
TOF MULT
TOF tray

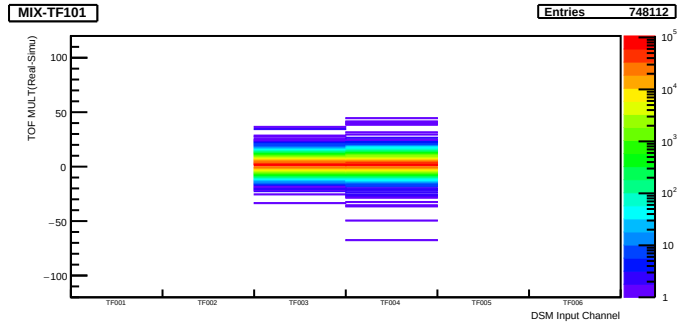

MIX-TF003
Entries 1.096479e+07
TOF MULT
TOF tray

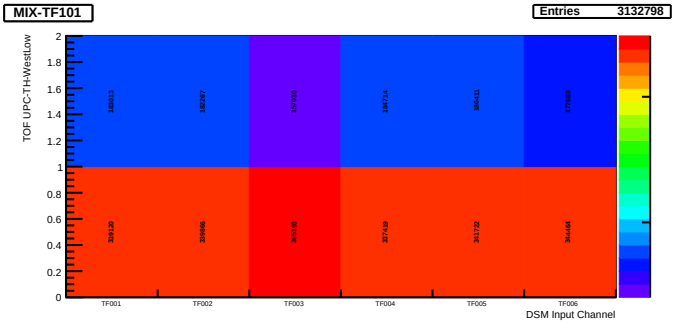

MIX-TF004
Entries 1.096479e+07
TOF MULT
TOF tray

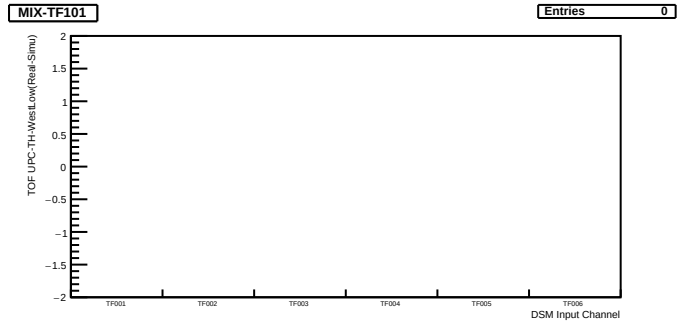

MIX-TF005
Entries 1.096479e+07
TOF MULT
TOF tray

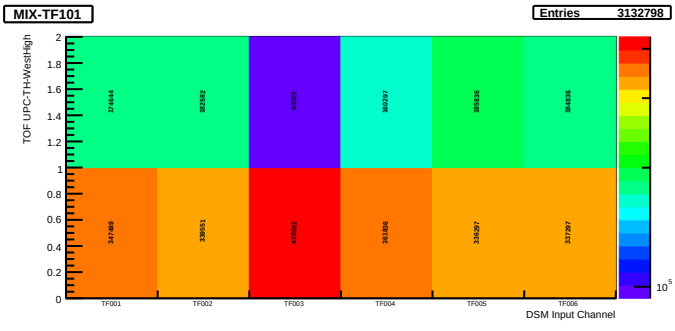

MIX-TF006
Entries 1.096479e+07
TOF MULT
TOF tray

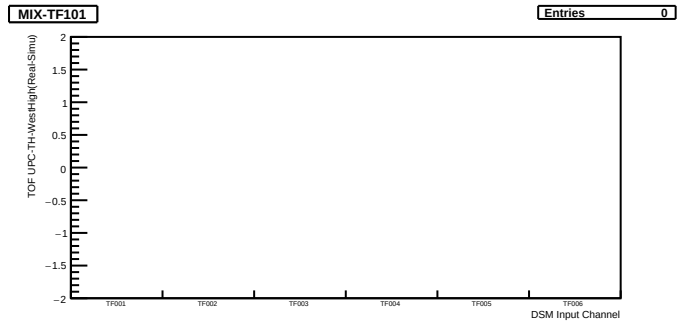

MIX-TF101
Entries 3132798
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

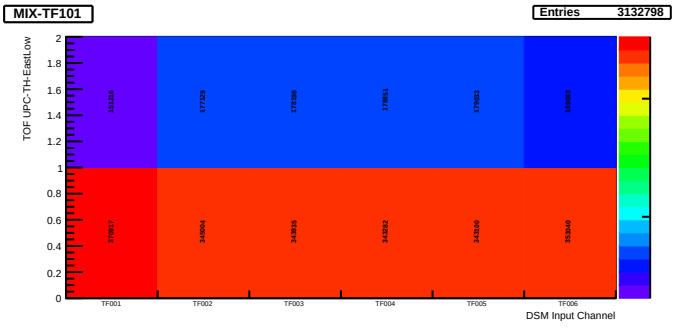

MIX-TF101
Entries 748112
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

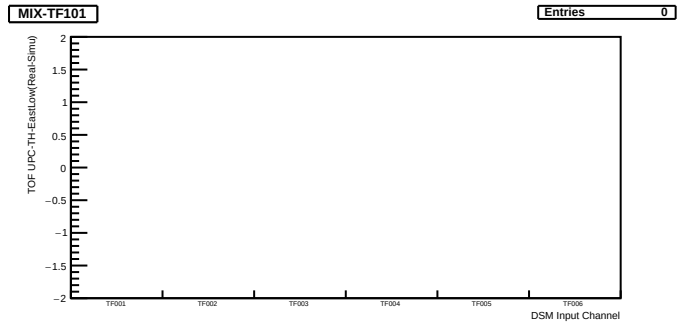

MIX-TF101
Entries 3132798
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

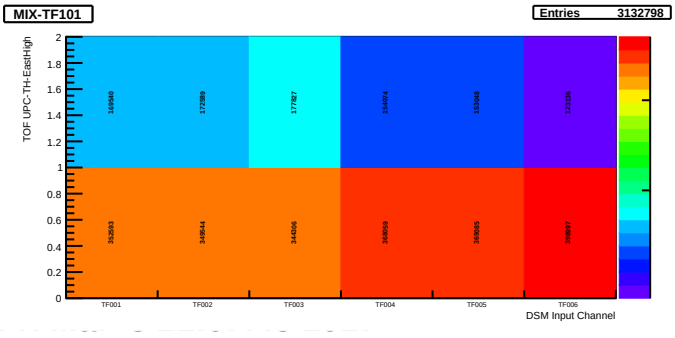

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

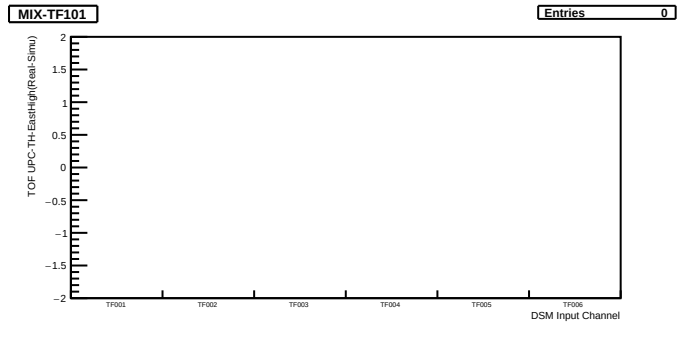

MIX-TF101
Entries 3132798
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

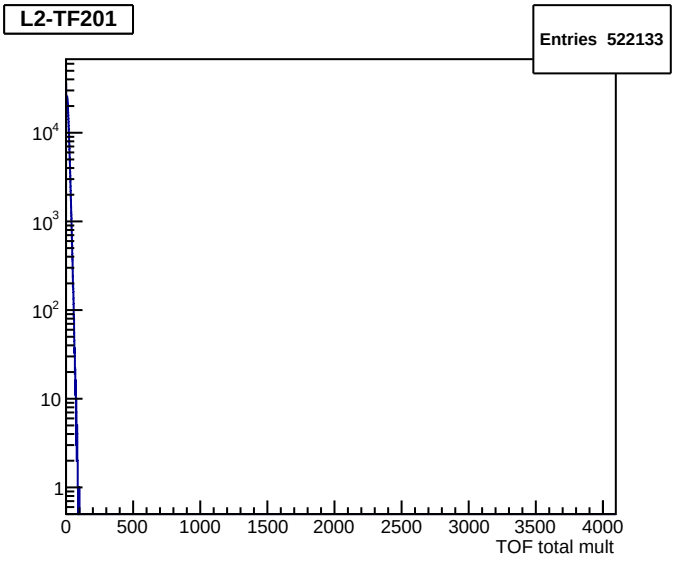

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

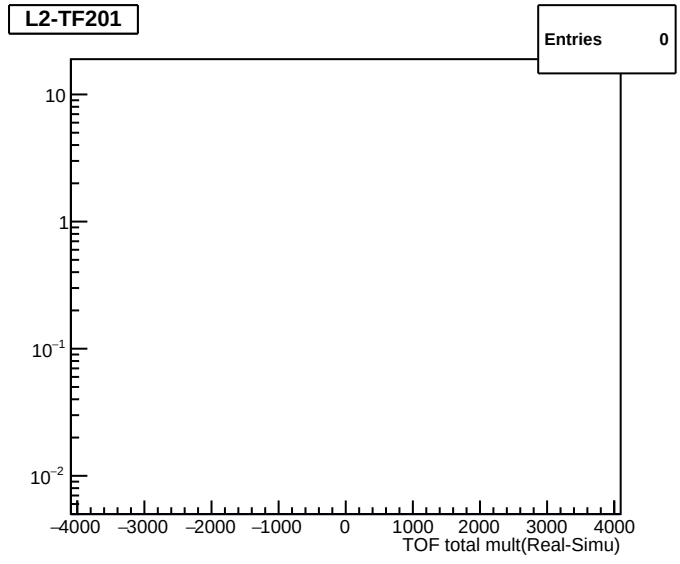

MIX-TF101
Entries 3132798
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

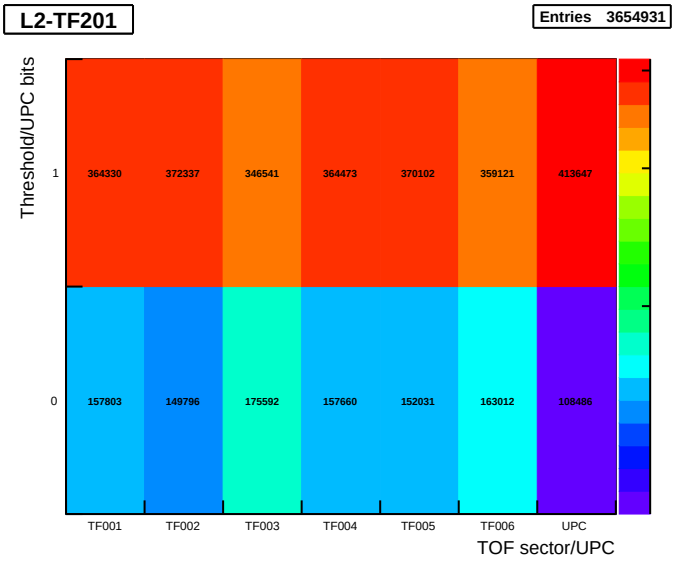

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

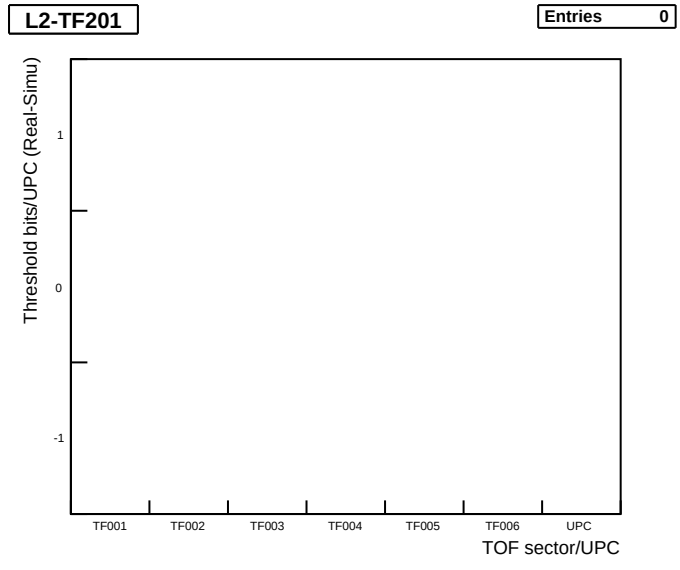

MIX-TF101
Entries 3132798
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

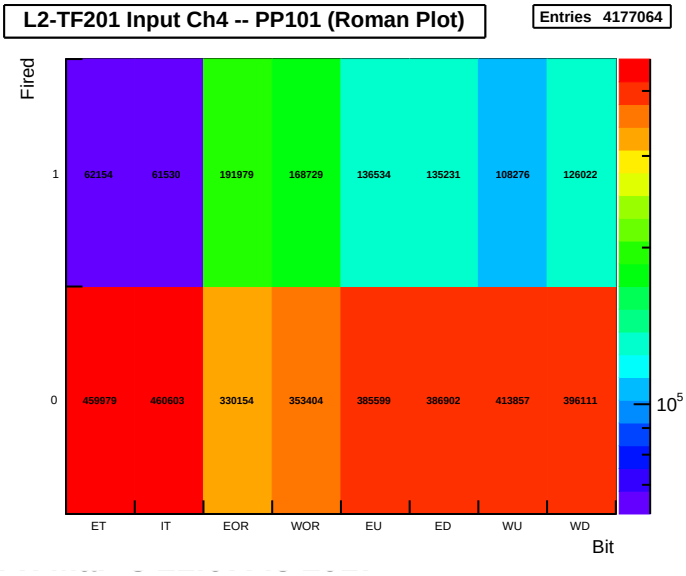

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

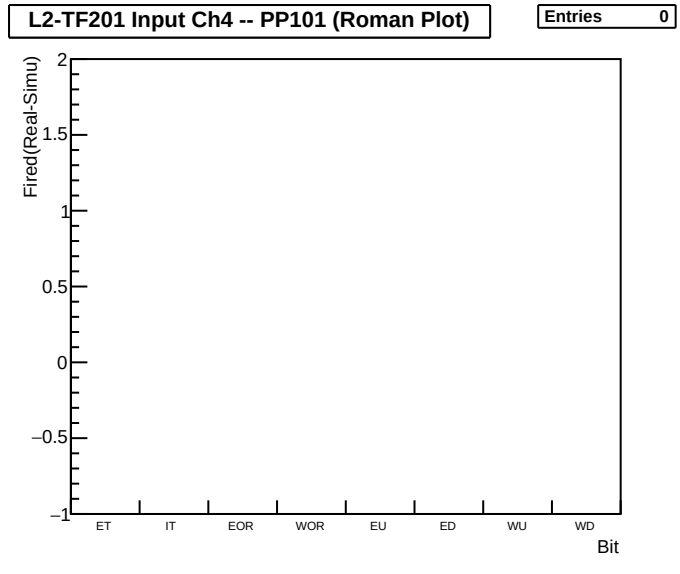

L2-TF201
Entries 522133
TOF total mult

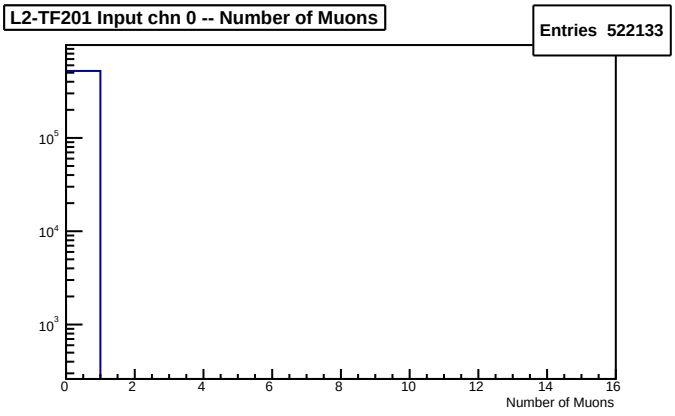

L2-TF201
Entries 0
TOF total mult(Real-Simu)

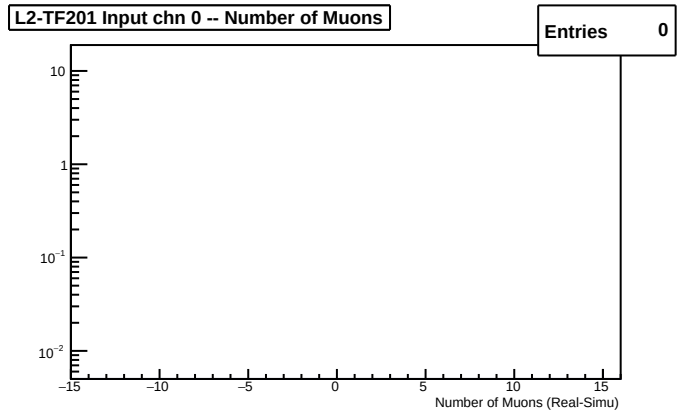

L2-TF201
Entries 3654931
Threshold/UPC bits
364330 372337 346541 364473 370102 359121 413647
157803 149796 175592 157660 152031 163012 108486
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

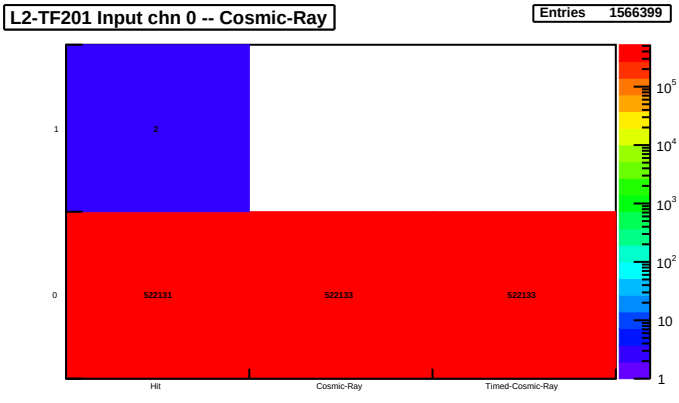

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

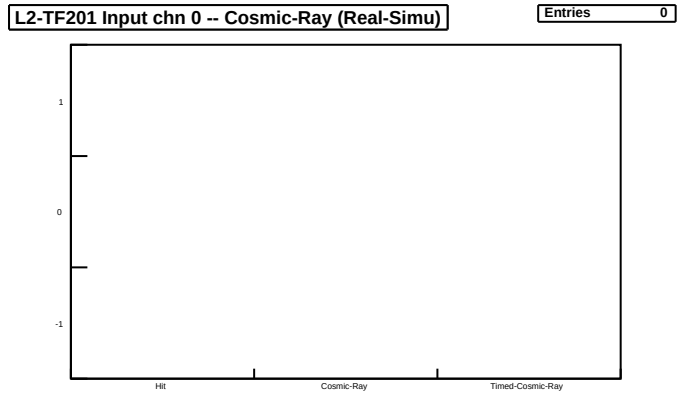

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4177064
Fired
62154 61530 191979 168729 136534 135231 108276 126022
459979 460603 330154 353404 385599 386902 413857 396111
ET IT EOR WOR EU ED WU WD
Bit

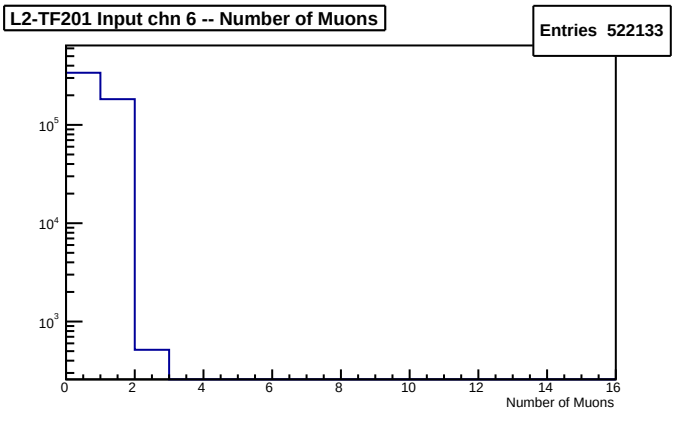

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

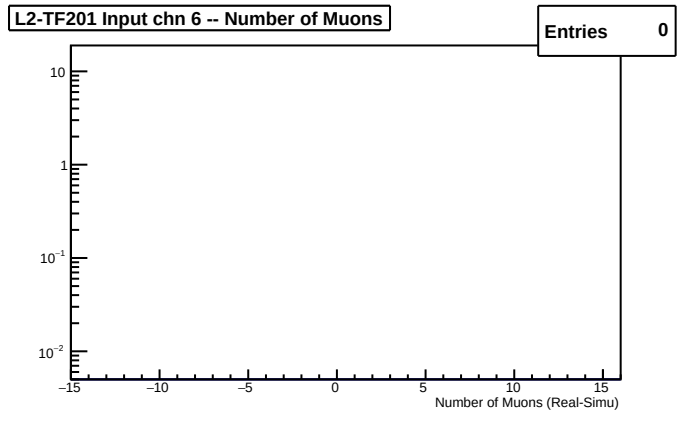

L2-TF201 Input chn 0 -- Number of Muons
Entries 522133
Number of Muons

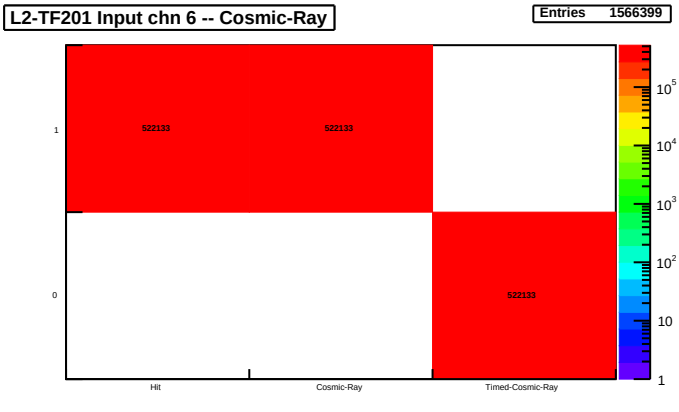

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

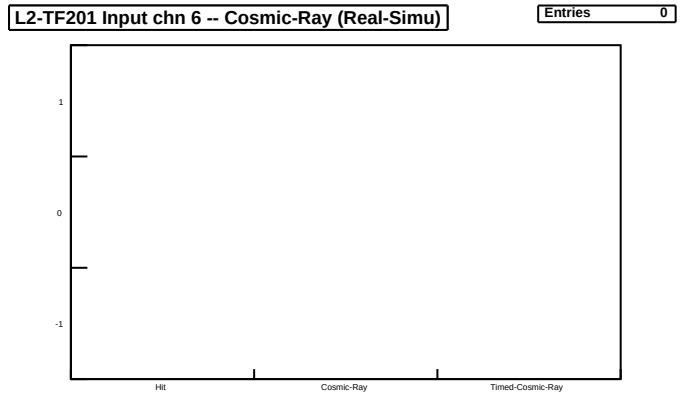

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1566399
2
522131
522133
522133
Hit
Cosmic-Ray
Timed-Cosmic-Ray

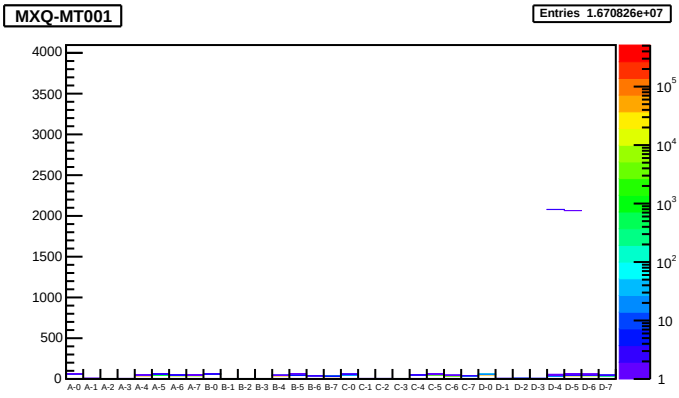

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

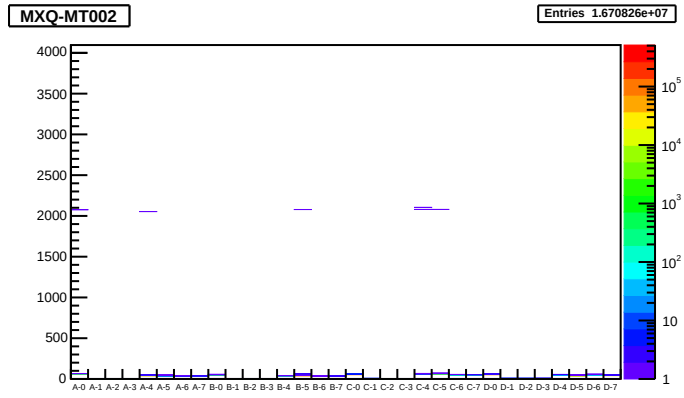

L2-TF201 Input chn 6 -- Number of Muons
Entries 522133
Number of Muons

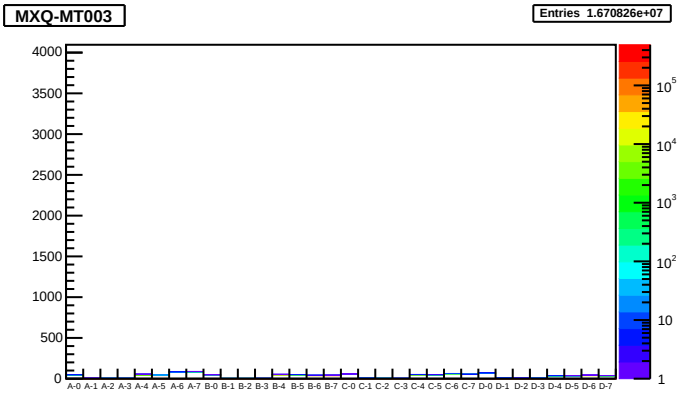

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

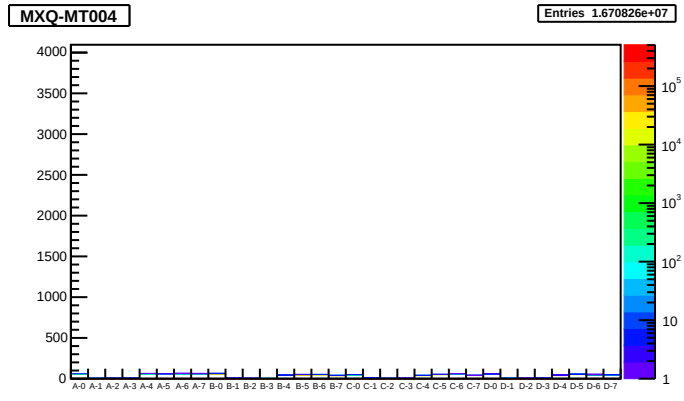

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1566399
522133
522133
522133
Hit
Cosmic-Ray
Timed-Cosmic-Ray

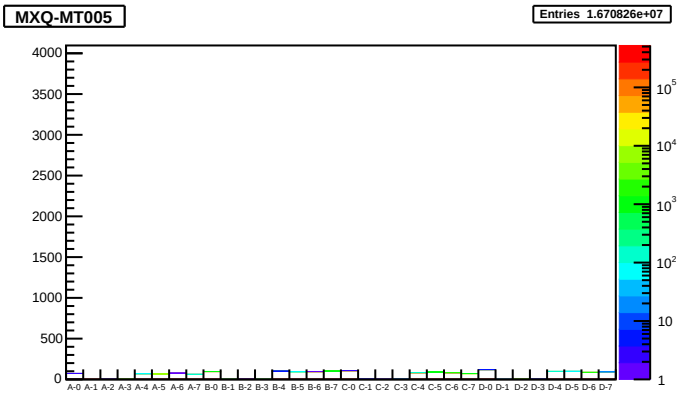

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

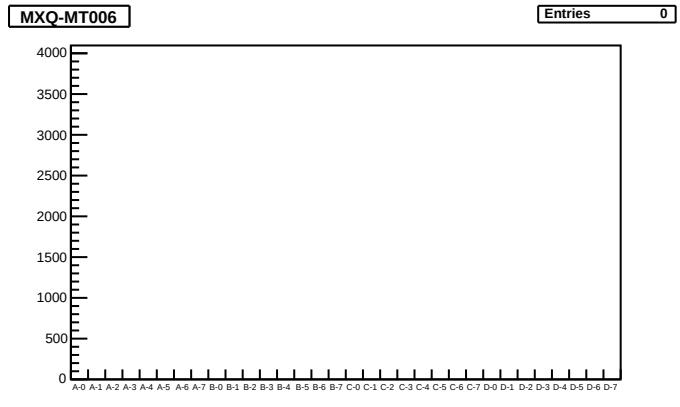

MXQ-MT001
Entries 1.670826e+07

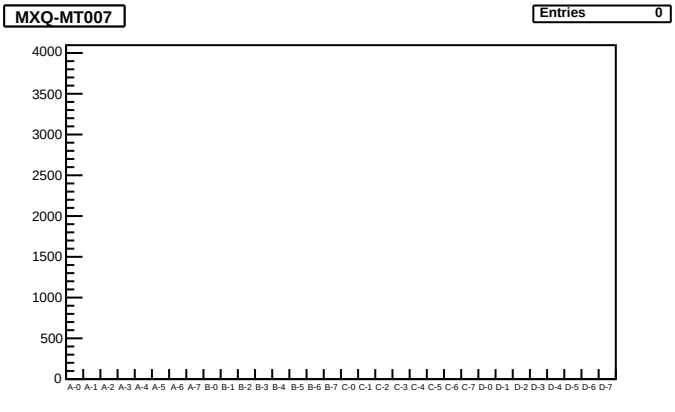

MXQ-MT002
Entries 1.670826e+07

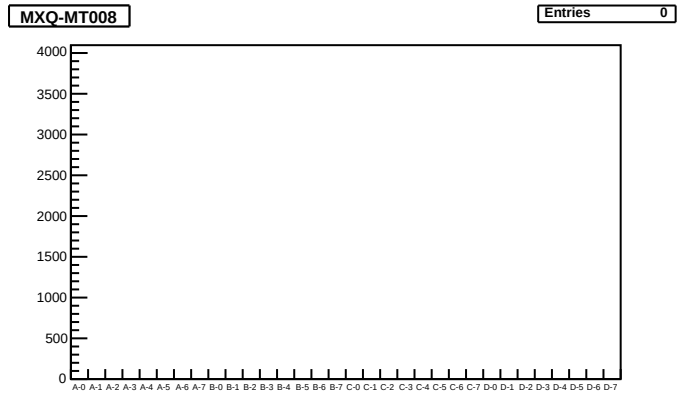

MXQ-MT003
Entries 1.670826e+07

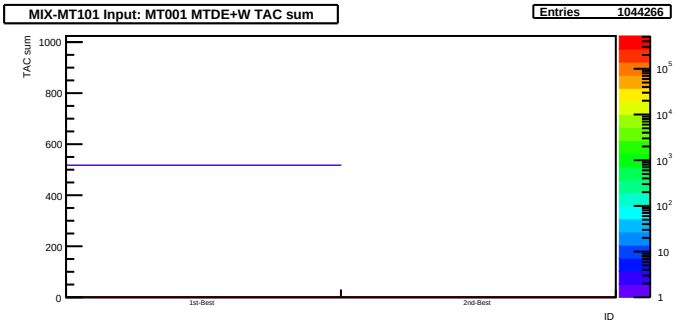

MXQ-MT004
Entries 1.670826e+07

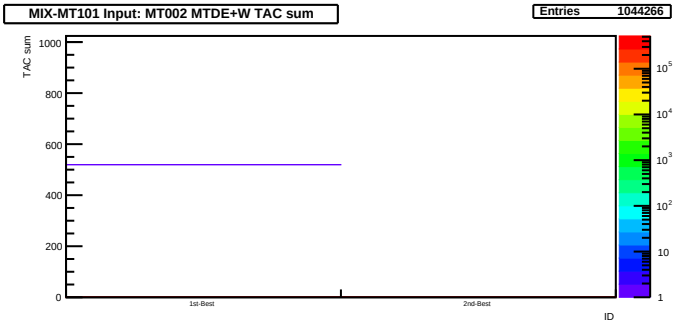

MXQ-MT005
Entries 1.670826e+07

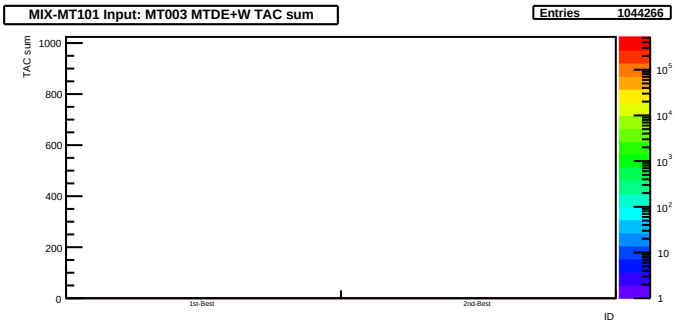

MXQ-MT006
Entries 0

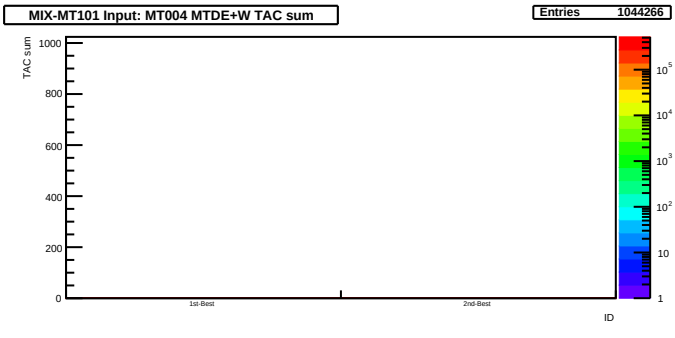

MXQ-MT007
Entries 0

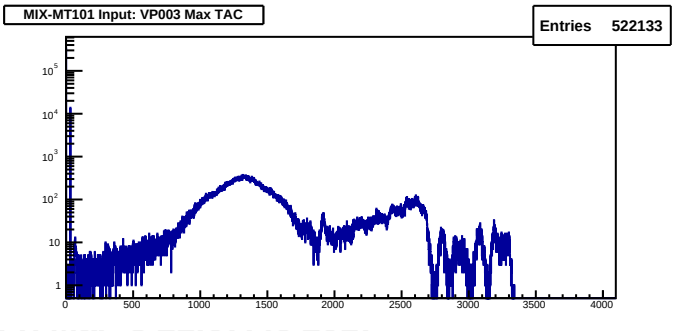

MXQ-MT008
Entries 0

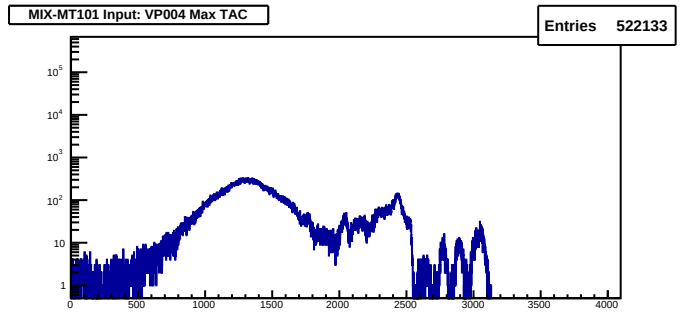

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1044266
TAC sum
1st-Best
2nd-Best
ID

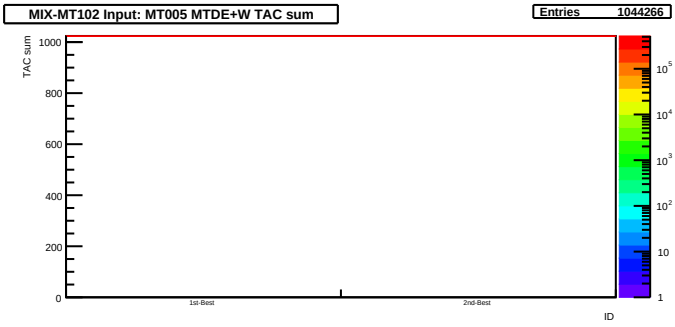

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1044266
TAC sum
1st-Best
2nd-Best
ID

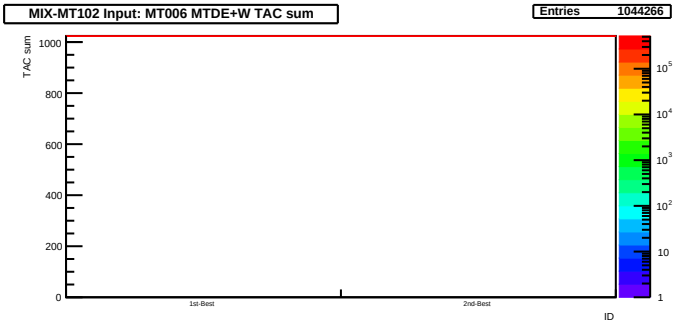

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1044266
TAC sum
1st-Best
2nd-Best
ID

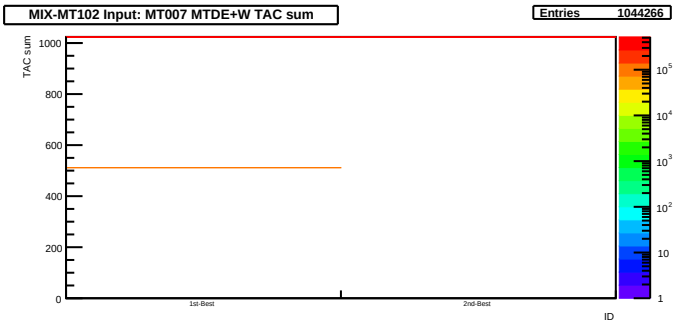

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1044266
TAC sum
1st-Best
2nd-Best
ID

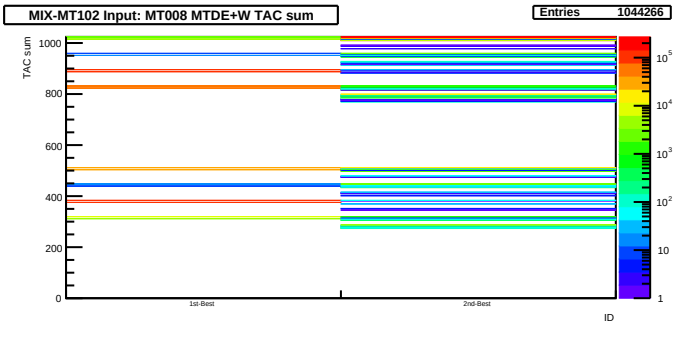

MIX-MT101 Input: VP003 Max TAC
Entries 522133

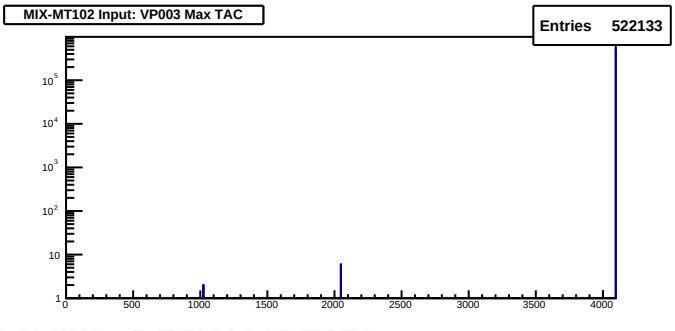

MIX-MT101 Input: VP004 Max TAC
Entries 522133

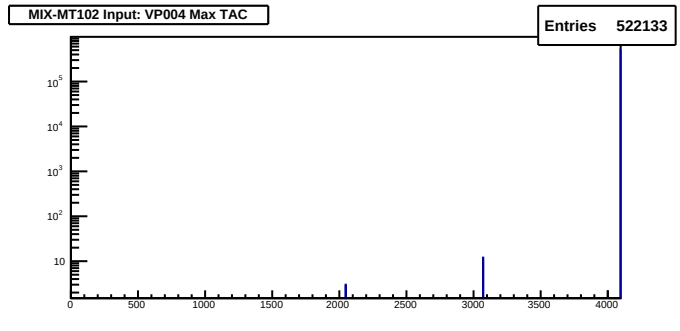

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1044266
TAC sum
1st-Best
2nd-Best
ID

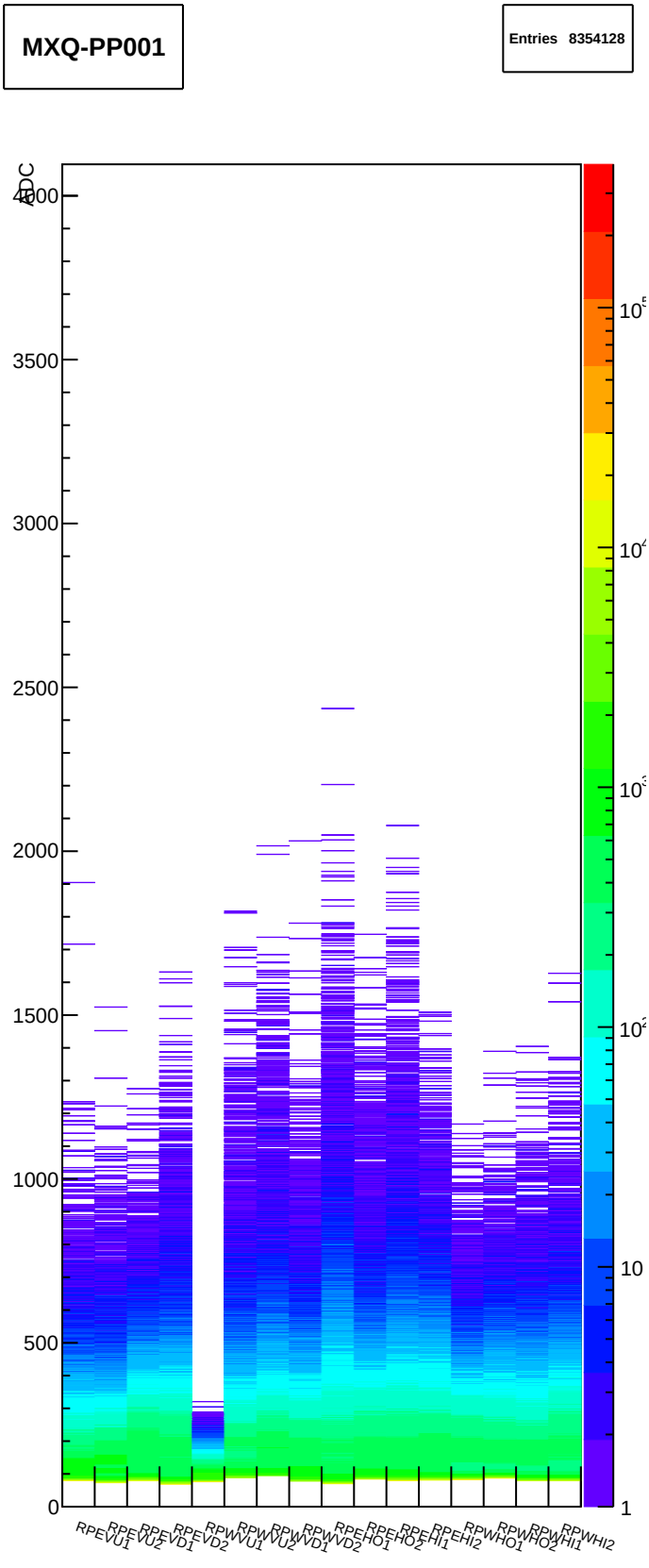

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1044266
TAC sum
1st-Best
2nd-Best
ID

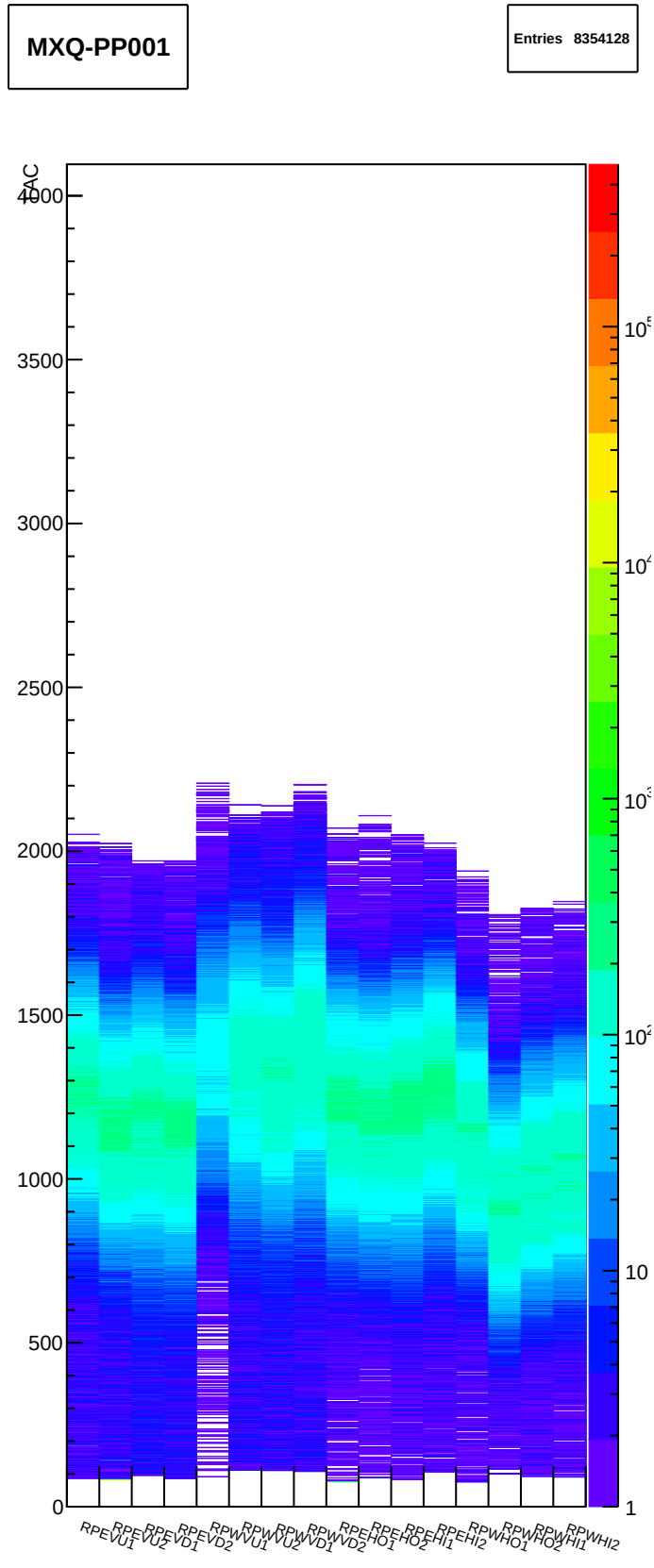

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1044266
TAC sum
1st-Best
2nd-Best
ID

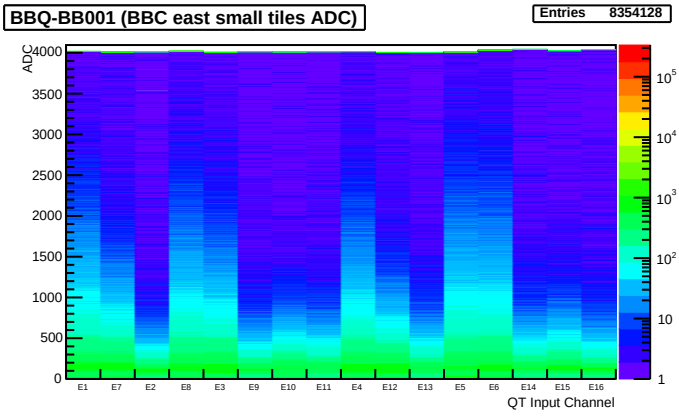

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1044266
TAC sum
1st-Best
2nd-Best
ID

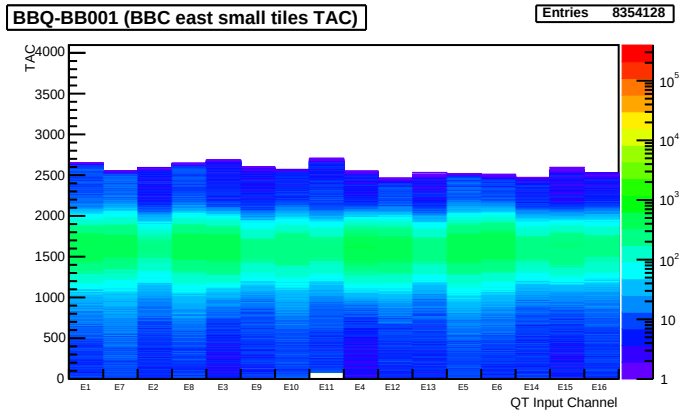

MIX-MT102 Input: VP003 Max TAC
Entries 522133

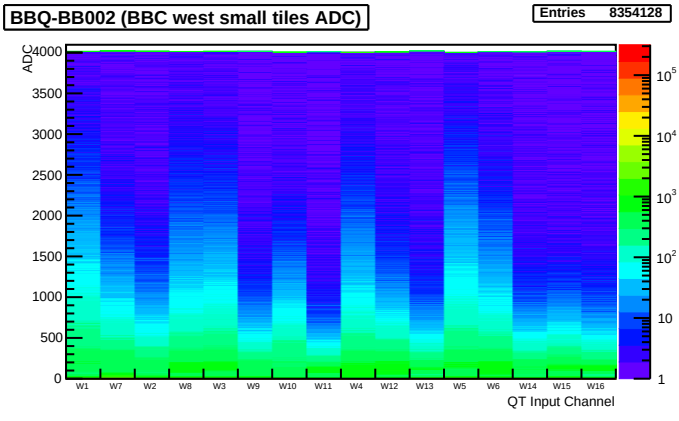

MIX-MT102 Input: VP004 Max TAC
Entries 522133

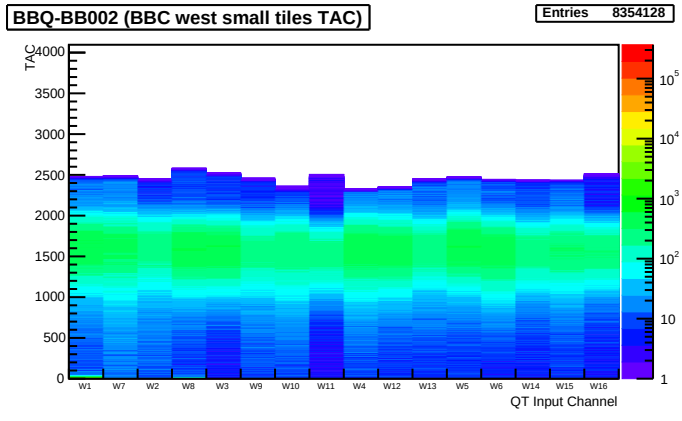

MXQ-PP001
Entries 8354128
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

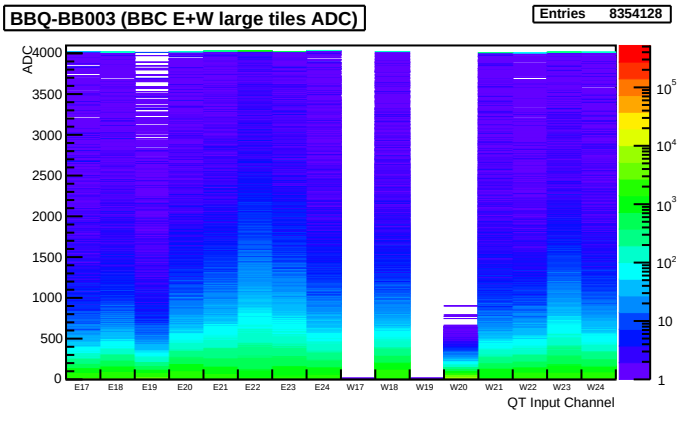

MXQ-PP001
Entries 8354128
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

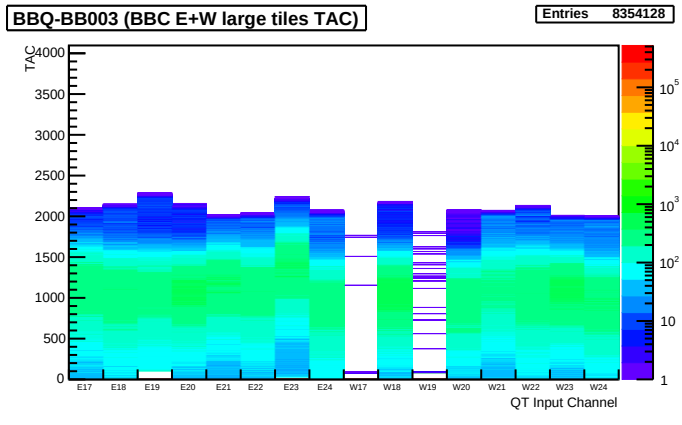

BBQ-BB001 (BBC east small tiles ADC)
Entries 8354128
ADC
QT Input Channel

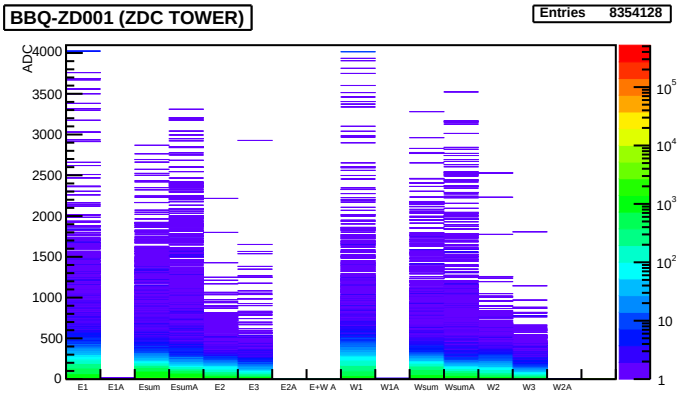

BBQ-BB001 (BBC east small tiles TAC)
Entries 8354128
TAC
QT Input Channel

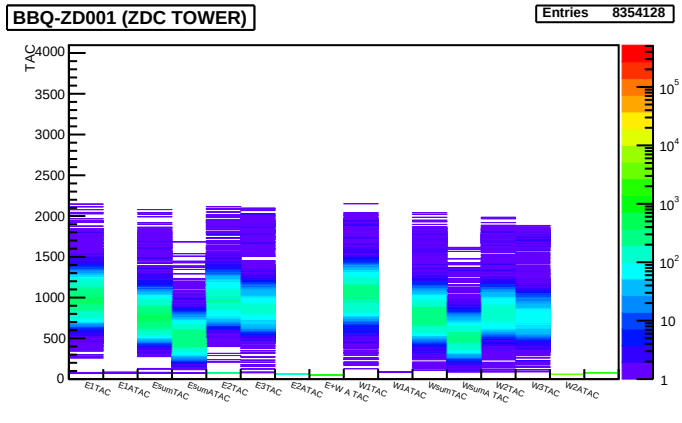

BBQ-BB002 (BBC west small tiles ADC)
Entries 8354128
ADC
QT Input Channel

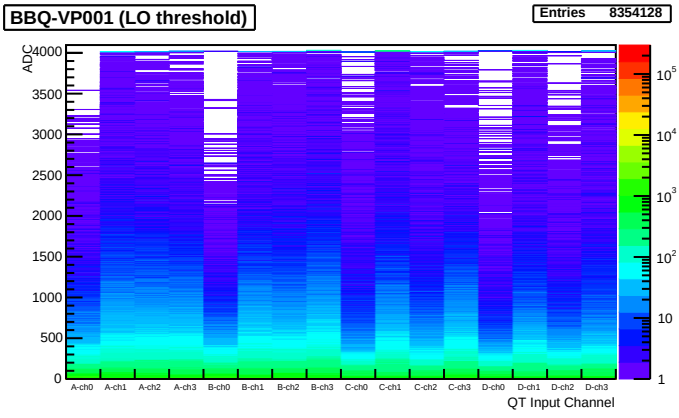

BBQ-BB002 (BBC west small tiles TAC)
Entries 8354128
TAC
QT Input Channel

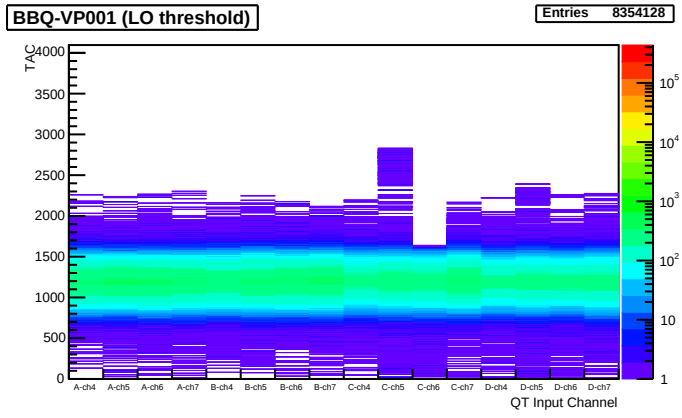

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8354128
ADC
QT Input Channel

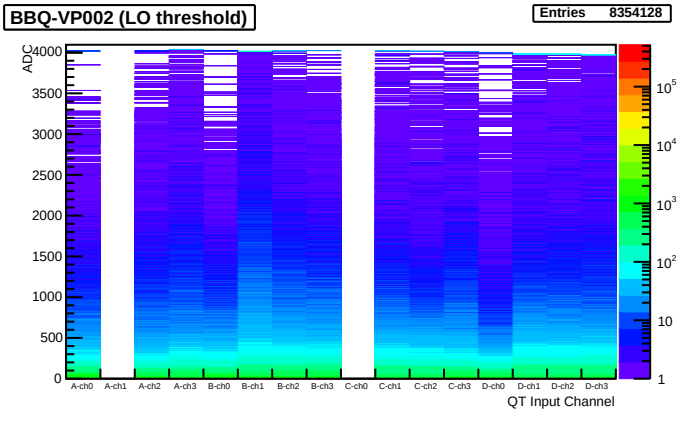

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8354128
TAC
QT Input Channel

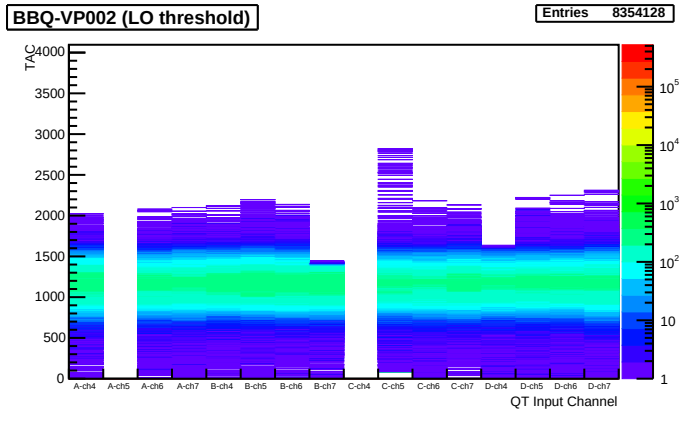

BBQ-ZD001 (ZDC TOWER)
Entries 8354128
ADC

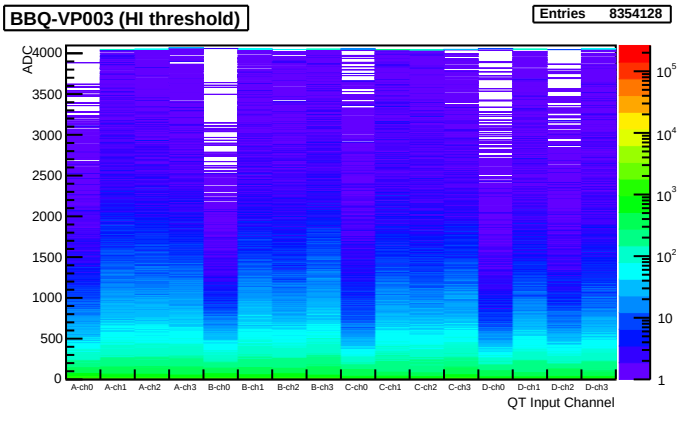

BBQ-ZD001 (ZDC TOWER)
Entries 8354128
TAC

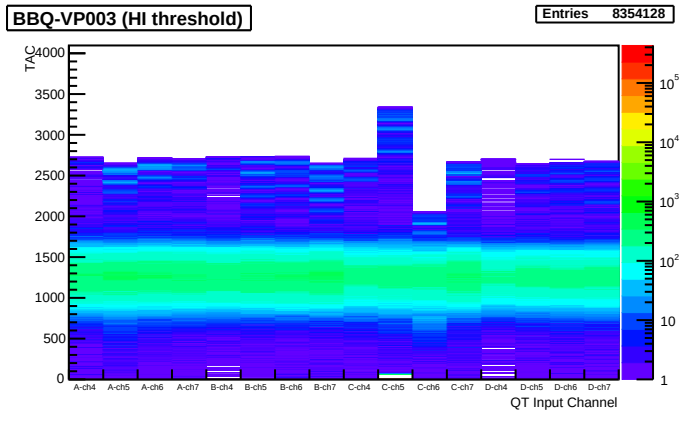

BBQ-VP001 (LO threshold)
Entries 8354128
ADC
QT Input Channel

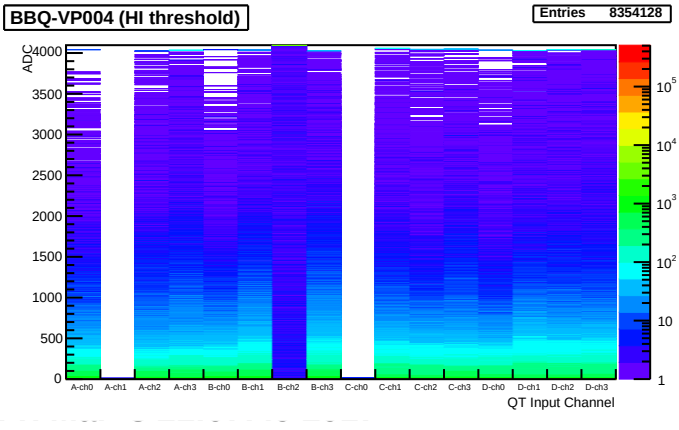

BBQ-VP001 (LO threshold)
Entries 8354128
TAC
QT Input Channel

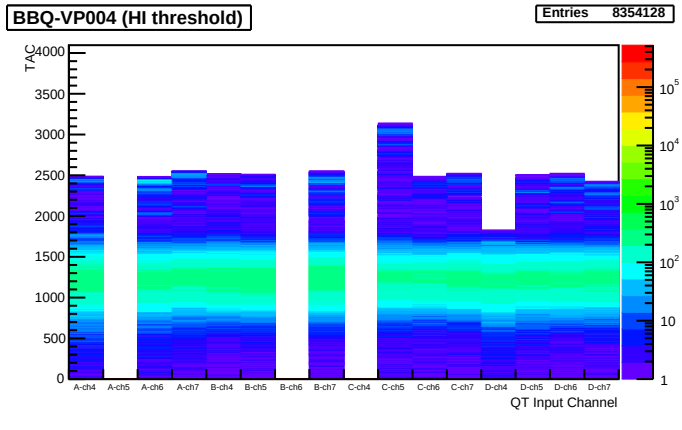

BBQ-VP002 (LO threshold)
Entries 8354128
ADC
QT Input Channel

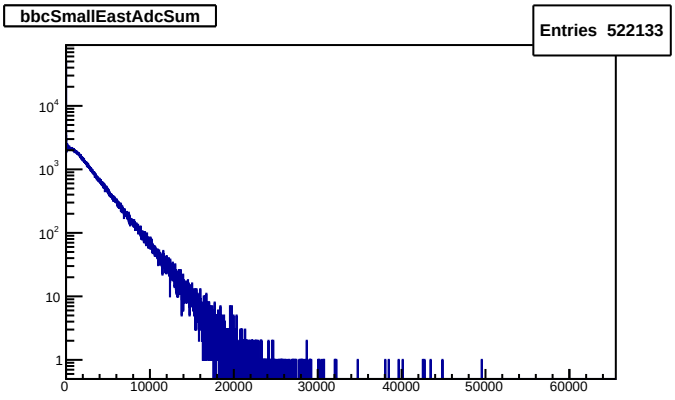

BBQ-VP002 (LO threshold)
Entries 8354128
TAC
QT Input Channel

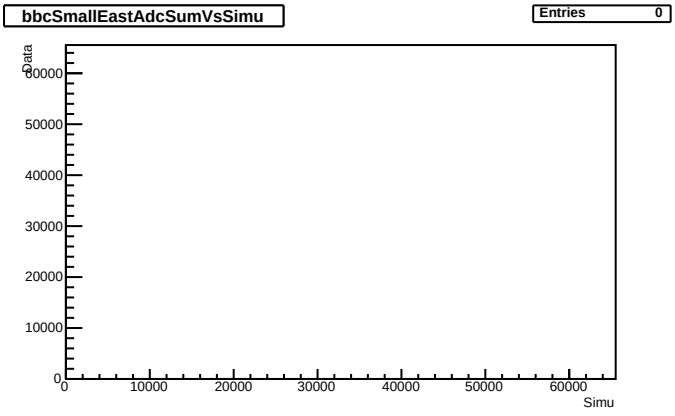

BBQ-VP003 (HI threshold)
Entries 8354128
ADC
QT Input Channel

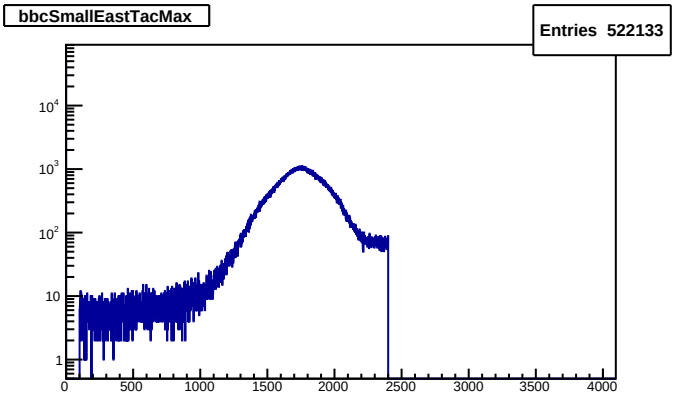

BBQ-VP003 (HI threshold)
Entries 8354128
TAC
QT Input Channel

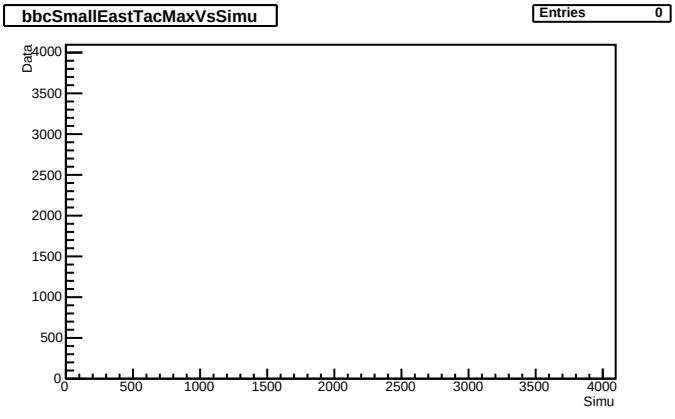

BBQ-VP004 (HI threshold)
Entries 8354128
ADC
QT Input Channel

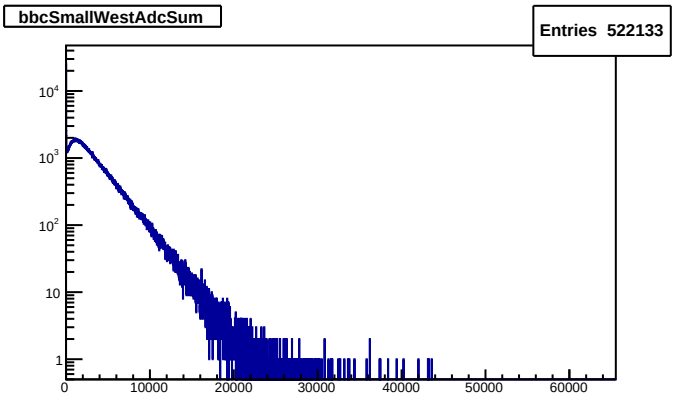

BBQ-VP004 (HI threshold)
Entries 8354128
TAC
QT Input Channel

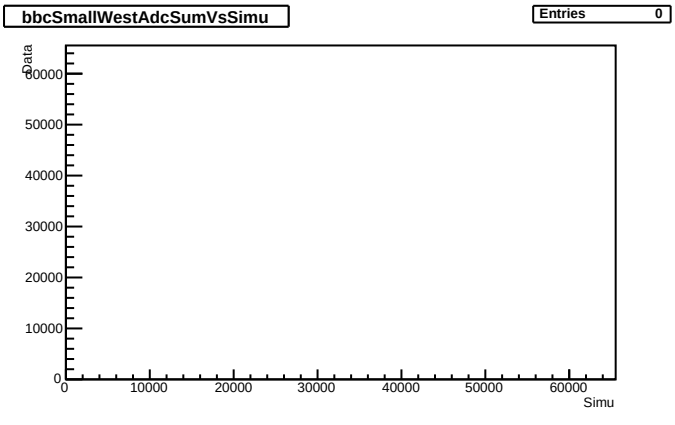

bbcSmallEastAdcSum
Entries 522133

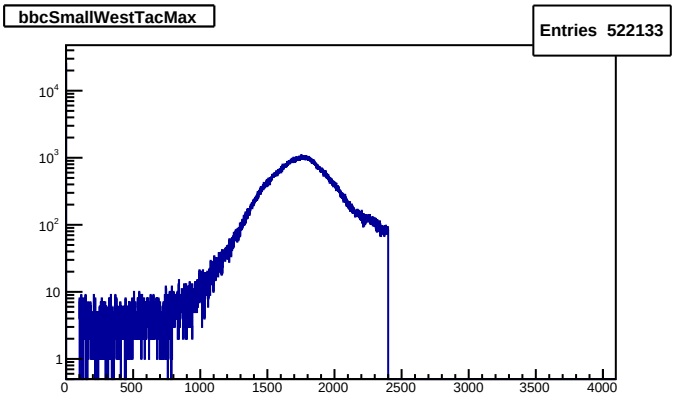

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

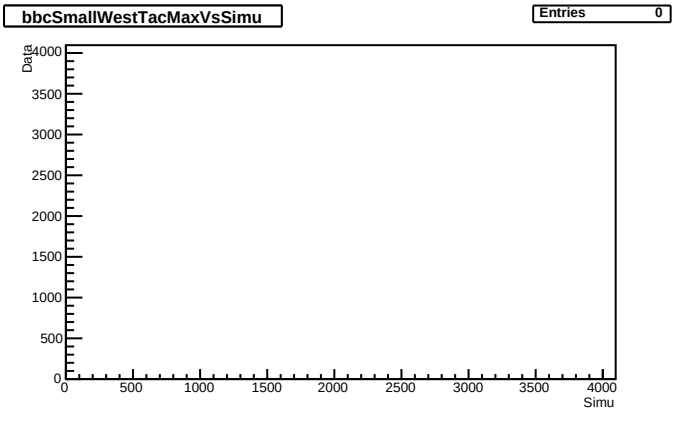

bbcSmallEastTacMax
Entries 522133

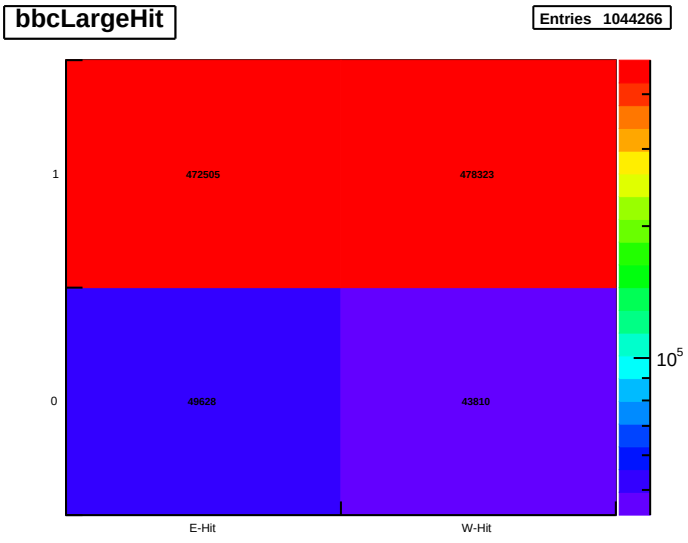

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

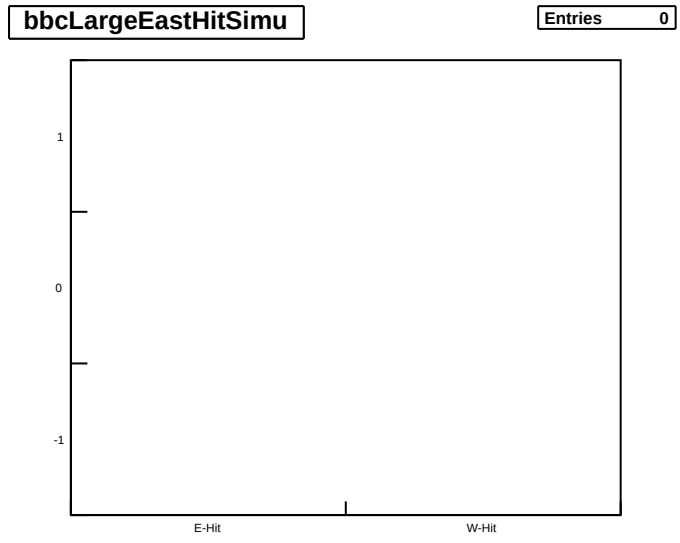

bbcSmallWestAdcSum
Entries 522133

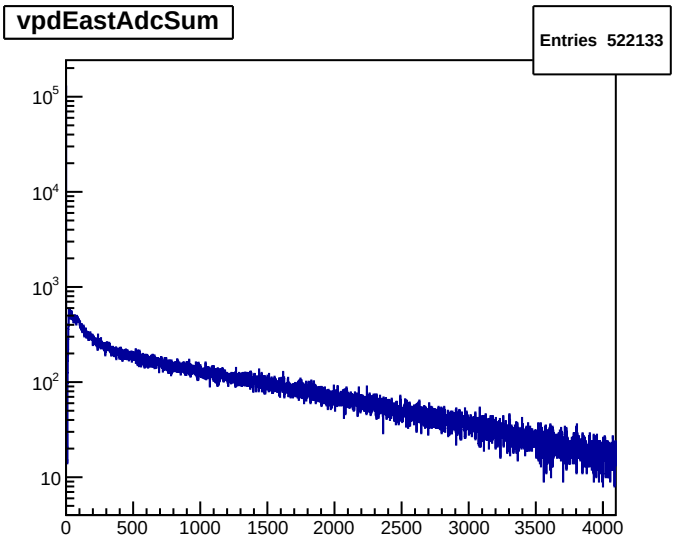

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

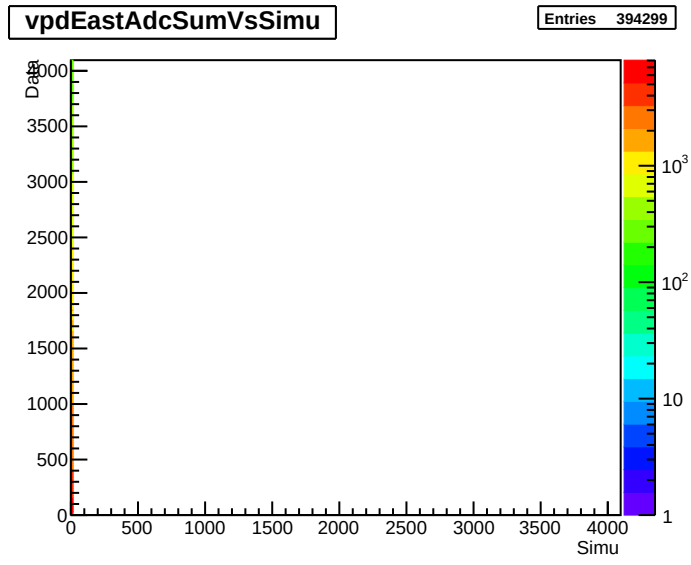

bbcSmallWestTacMax
Entries 522133

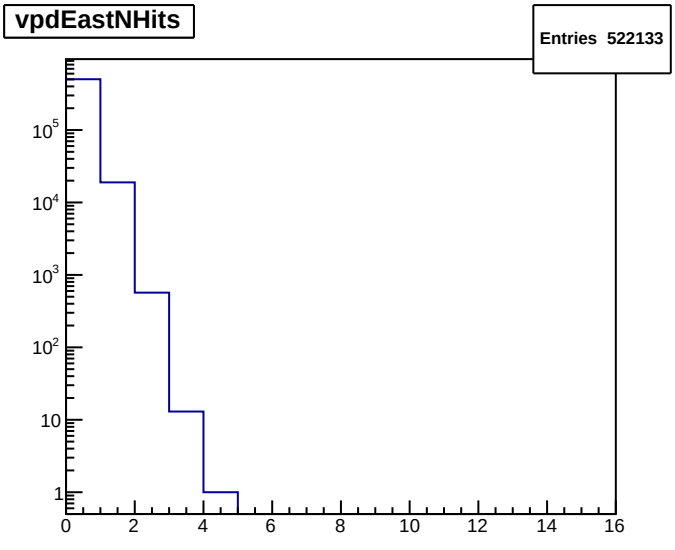

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

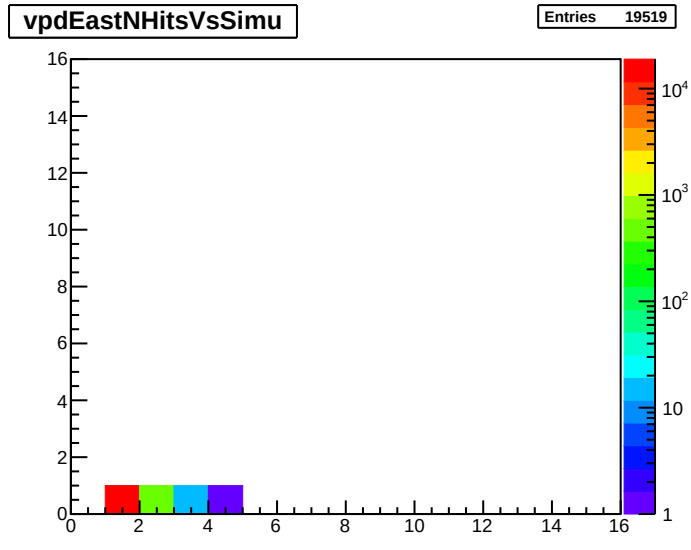

bbcLargeHit
Entries 1044266
472505
478323
49628
43810
1
0
E-Hit
W-Hit
10^5

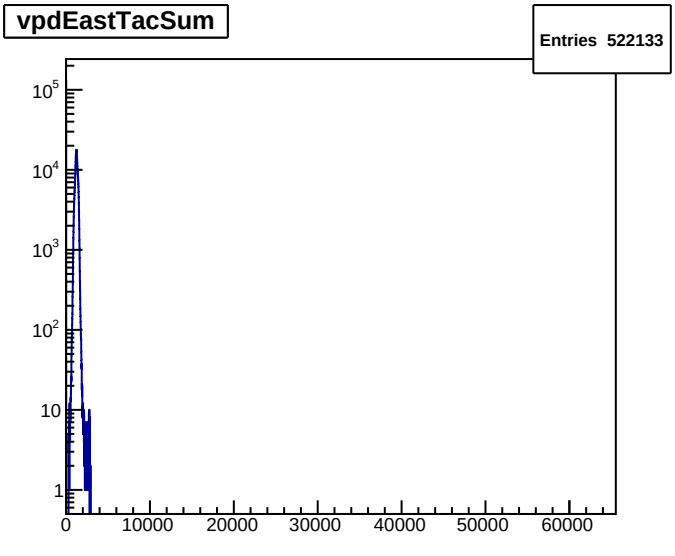

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

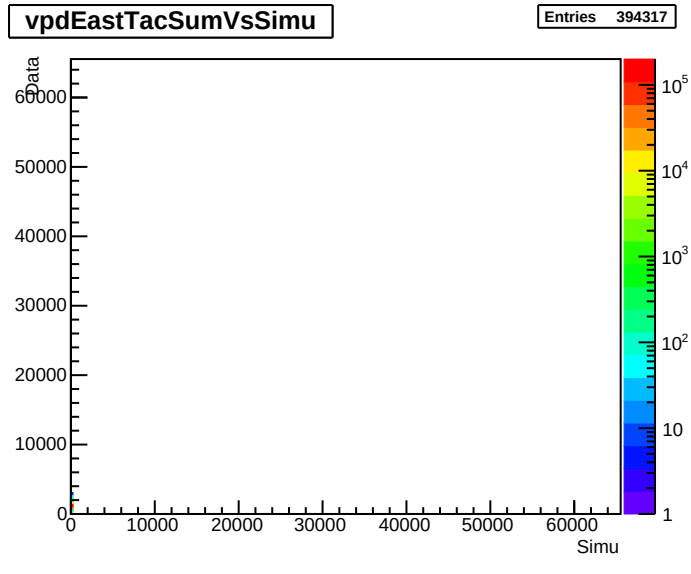

vpdEastAdcSum
Entries 522133

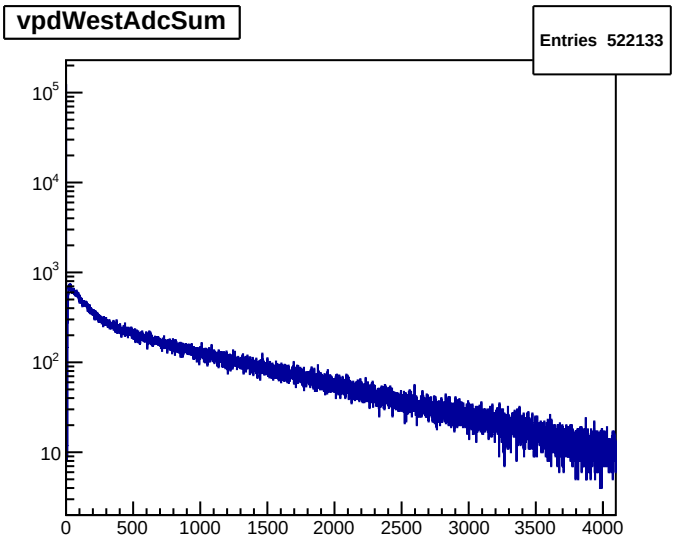

vpdEastAdcSumVsSimu
Entries 394299
Data
Simu

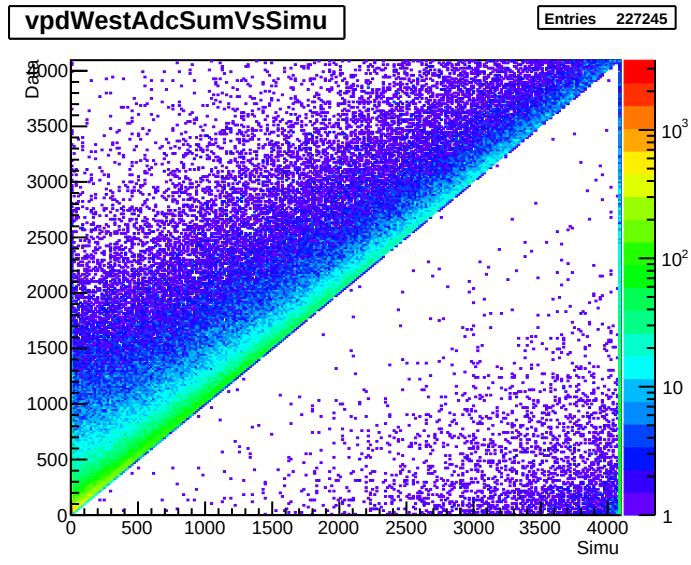

vpdEastNHits
Entries 522133

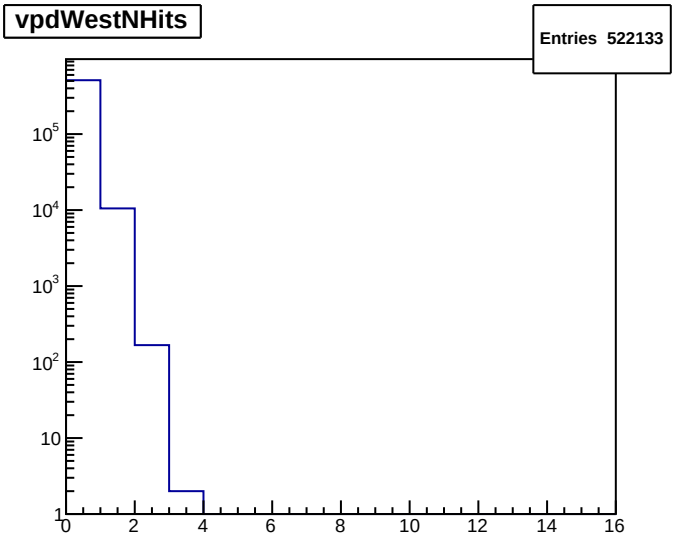

vpdEastNHitsVsSimu
Entries 19519

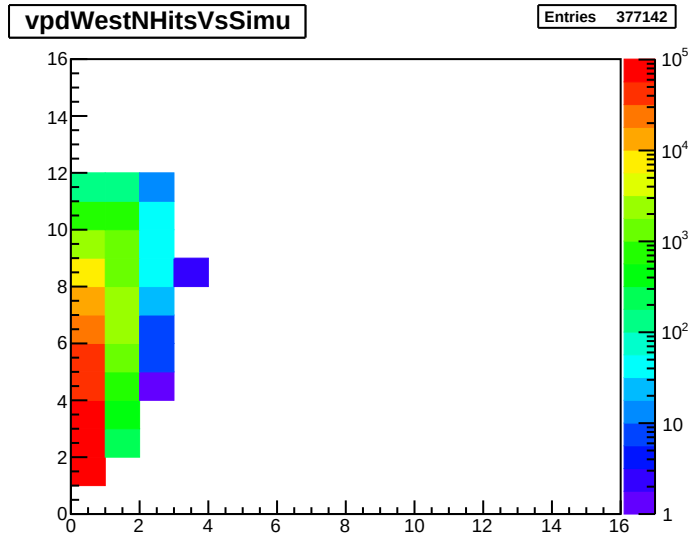

vpdEastTacSum
Entries 522133

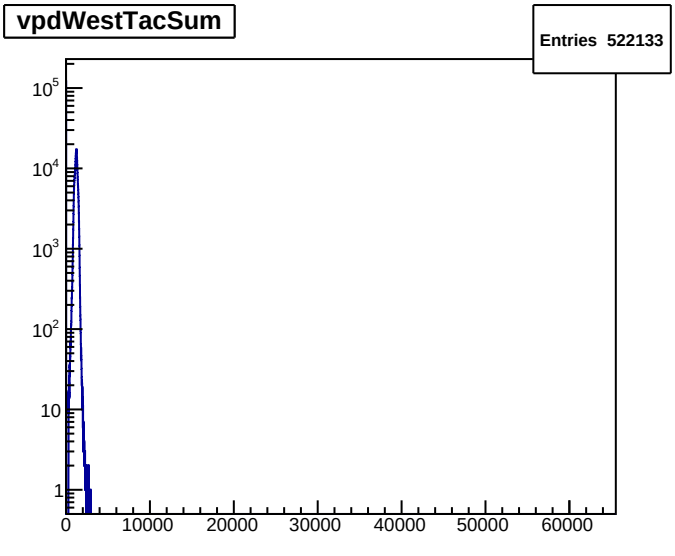

vpdEastTacSumVsSimu
Entries 394317
Data
Simu

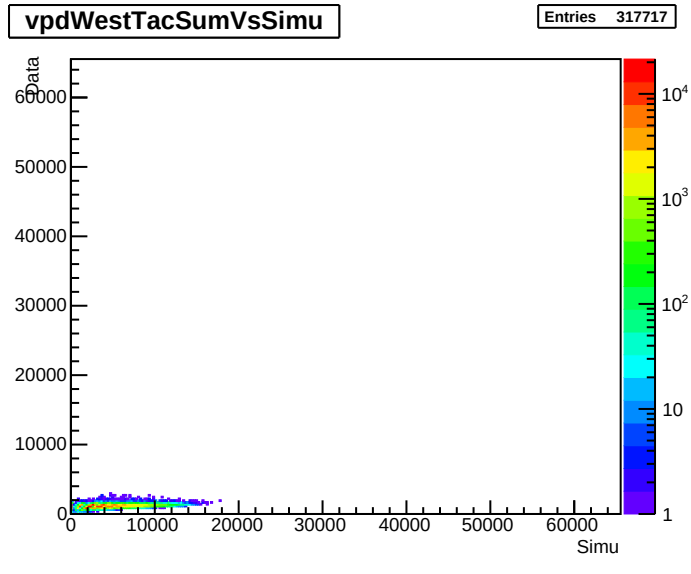

vpdWestAdcSum
Entries 522133

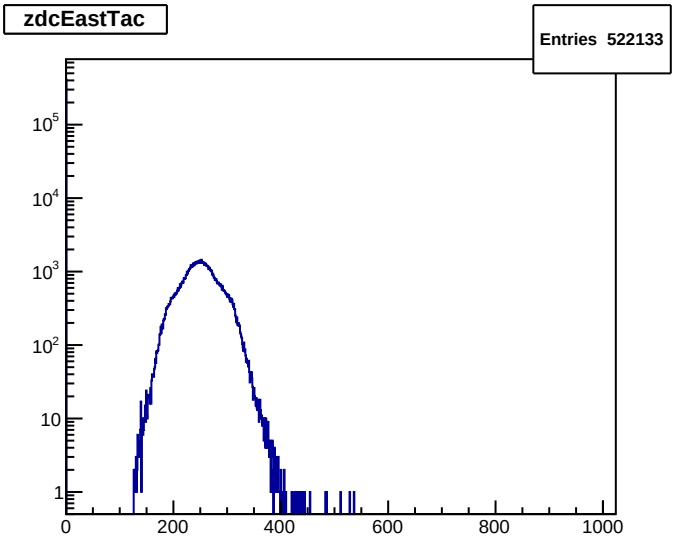

vpdWestAdcSumVsSimu
Entries 227245
Data
Simu

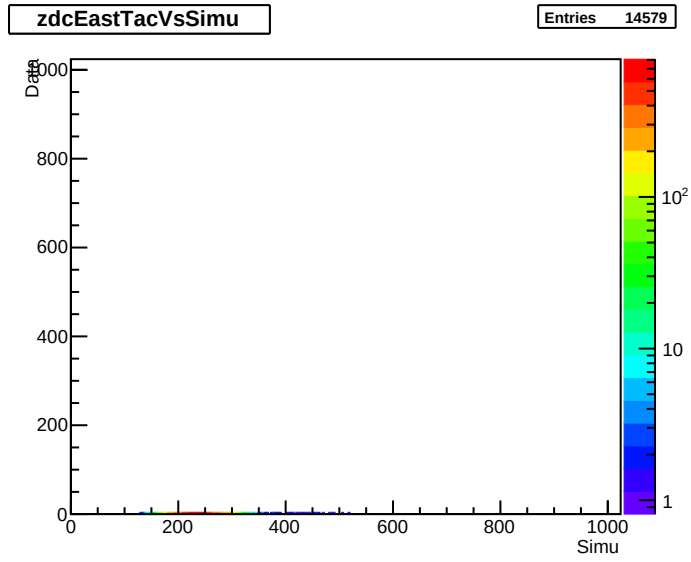

vpdWestNHits
Entries 522133

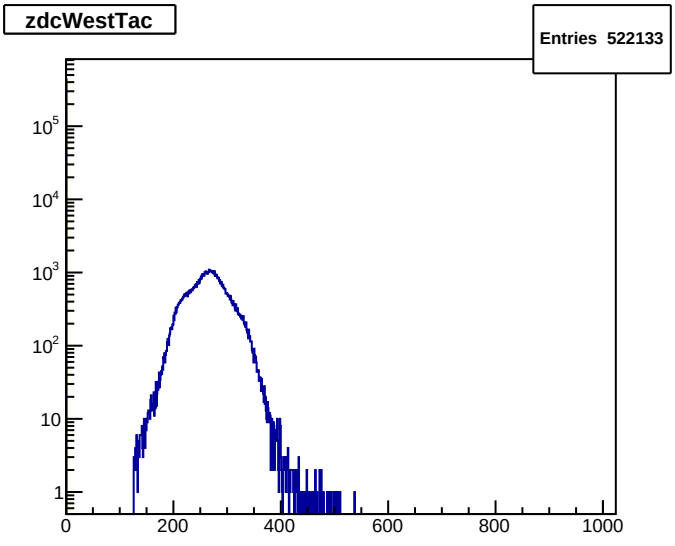

vpdWestNHitsVsSimu
Entries 377142

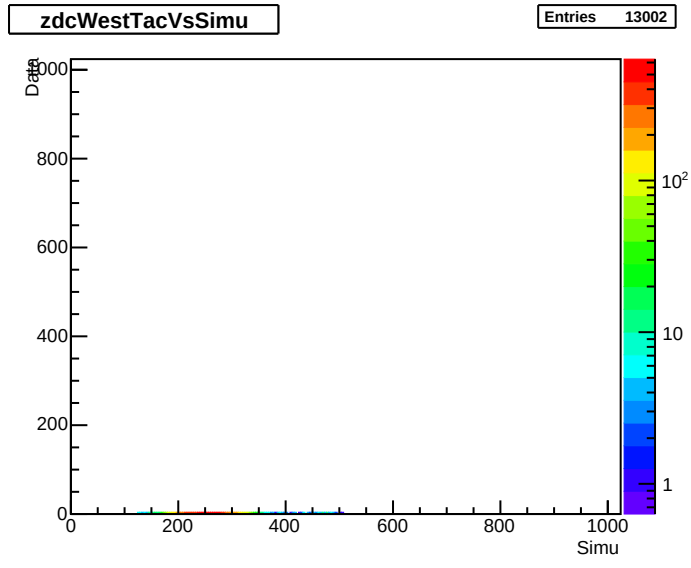

vpdWestTacSum
Entries 522133

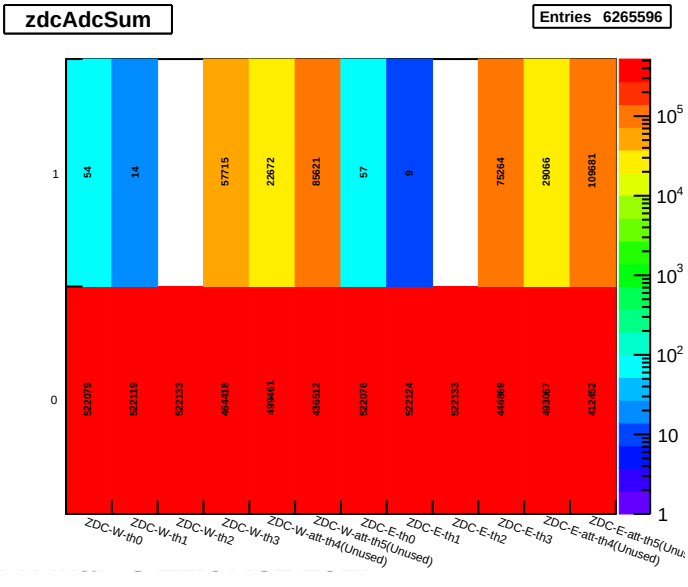

vpdWestTacSumVsSimu
Entries 317717
Data
Simu

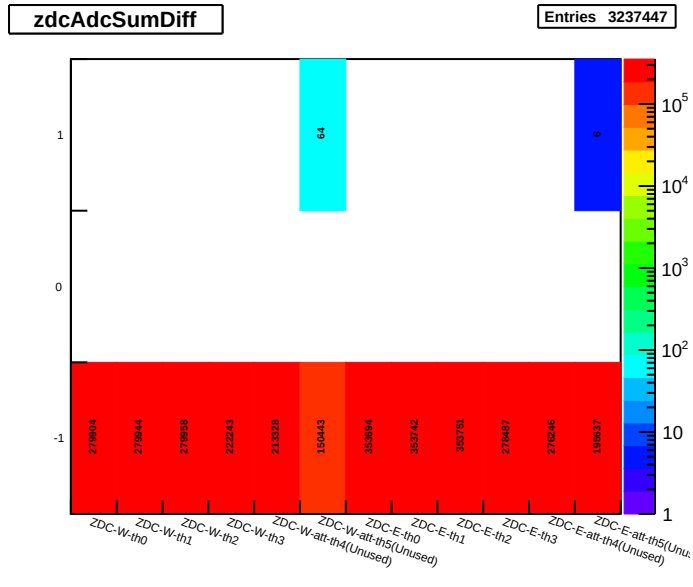

zdcEastTac
Entries 522133

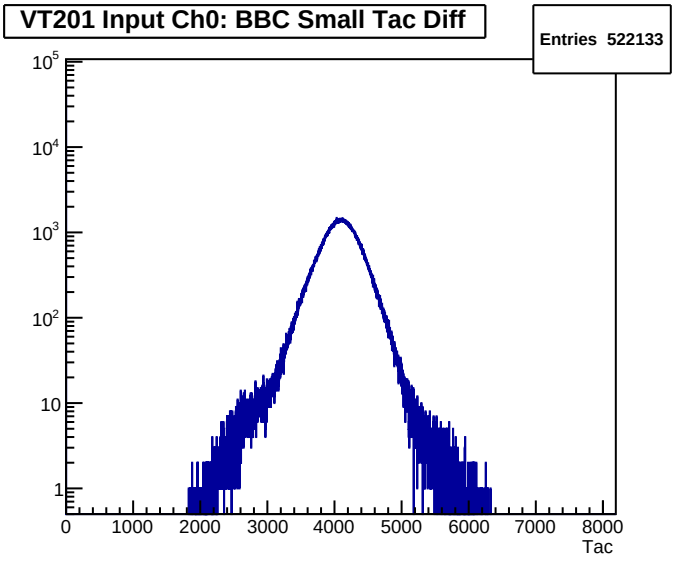

zdcEastTacVsSimu
Entries 14579
Data
Simu

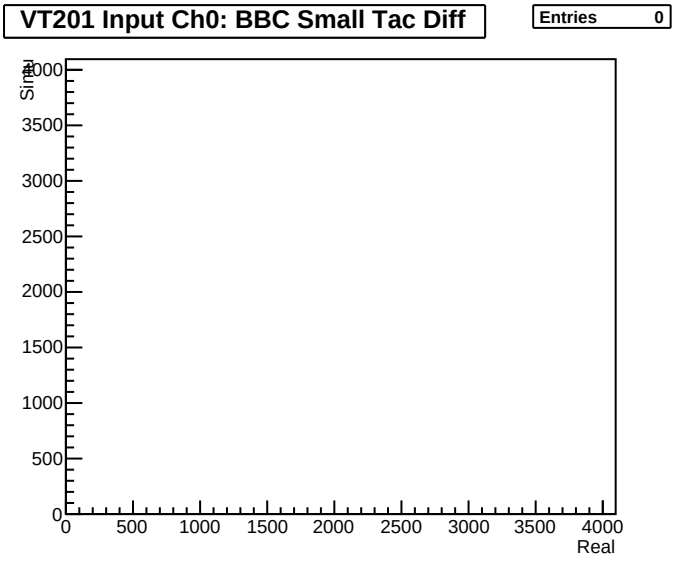

zdcWestTac
Entries 522133

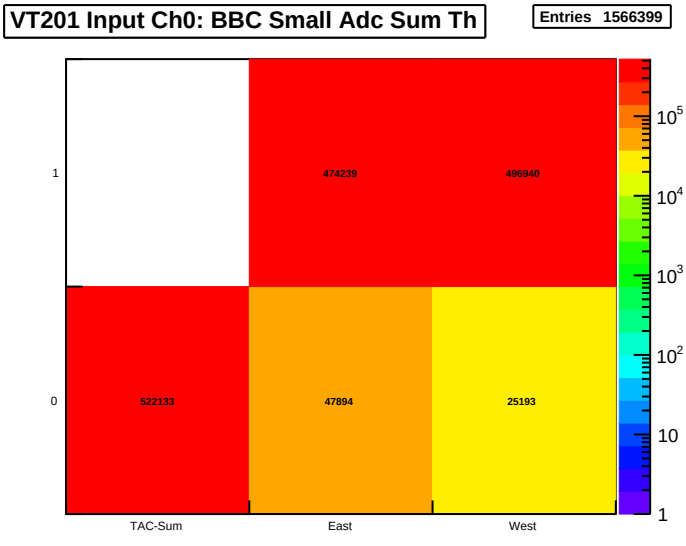

zdcWestTacVsSimu
Entries 13002
Data
Simu

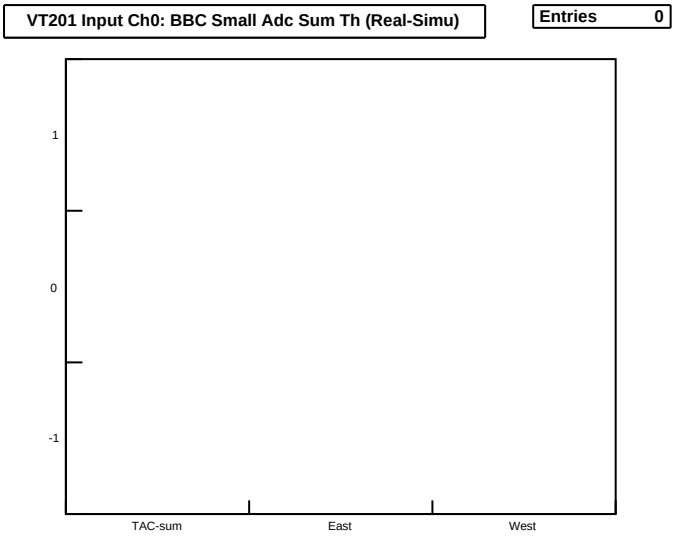

zdcAdcSum
Entries 6265596
54
14
57715
22672
85621
57
9
75264
29066
109681
522079
522119
522133
464418
499461
436512
522076
522124
522133
446869
493067
412452
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

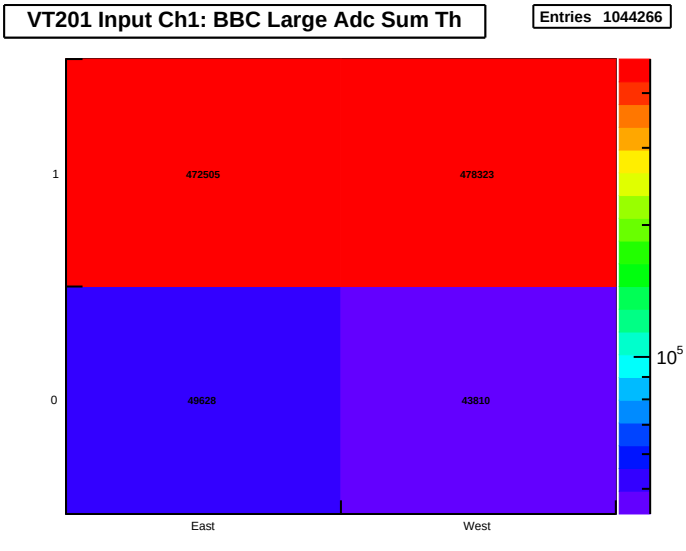

zdcAdcSumDiff
Entries 3237447
64
6
279904
279944
279958
222243
213328
150443
353694
353742
353751
279487
276246
195637
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

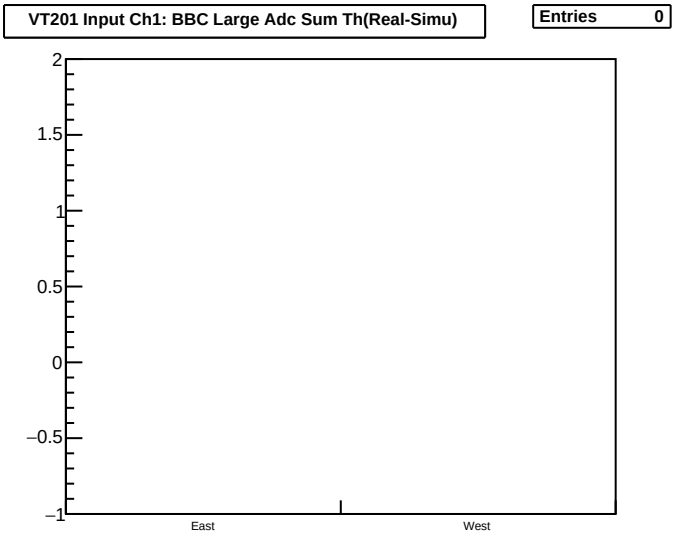

VT201 Input Ch0: BBC Small Tac Diff
Entries 522133
Tac


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

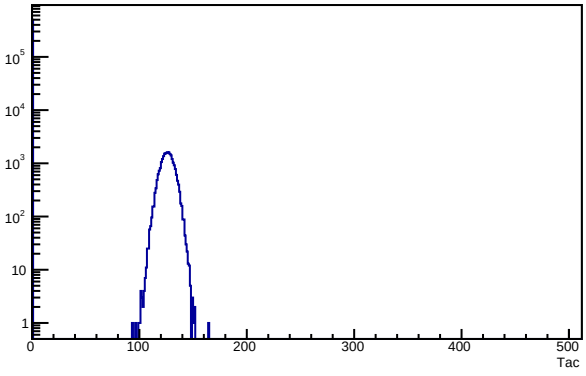

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1566399
474239
496940
522133
47894
25193
TAC-Sum
East
West


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

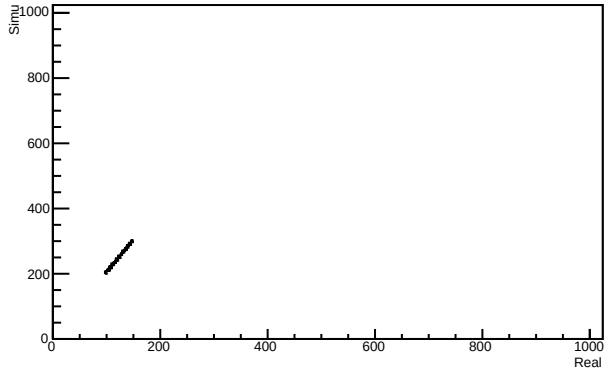

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1044266
472505
478323
49628
43810
East
West


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

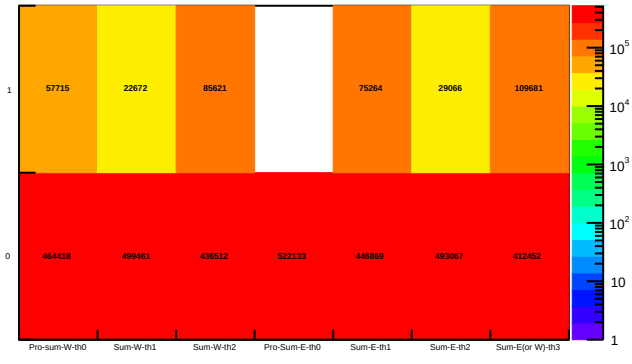
VT201 Input Ch2: ZDC Tac Diff



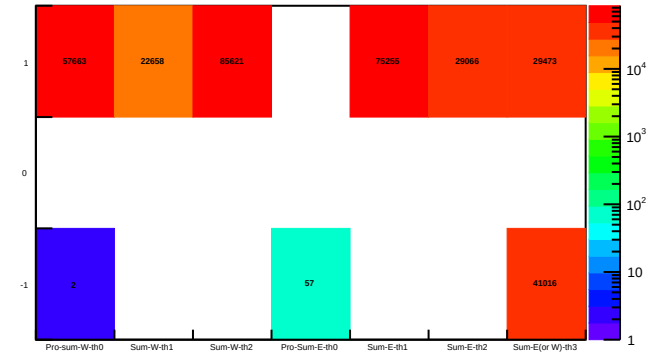
VT201 Input Ch2: ZDC Tac Diff



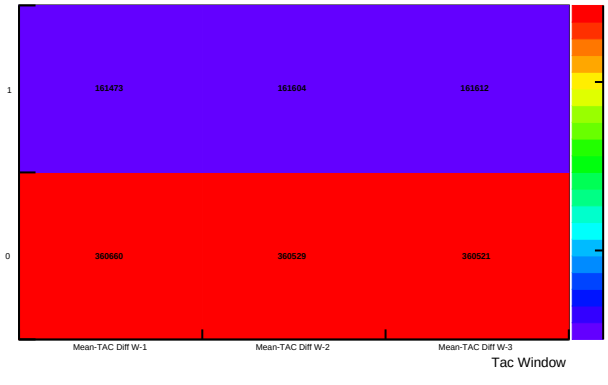
VT201 Input Ch2: ZDC Adc Sum Th



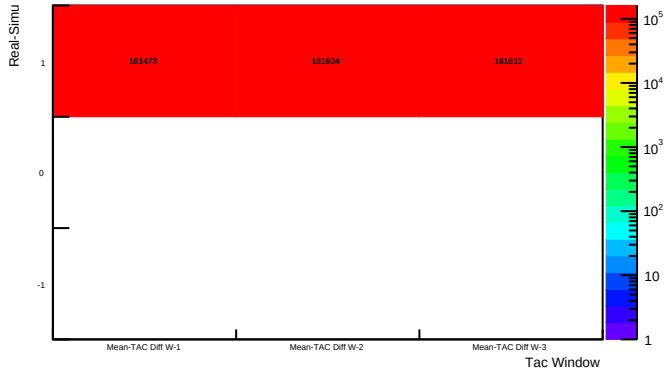
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



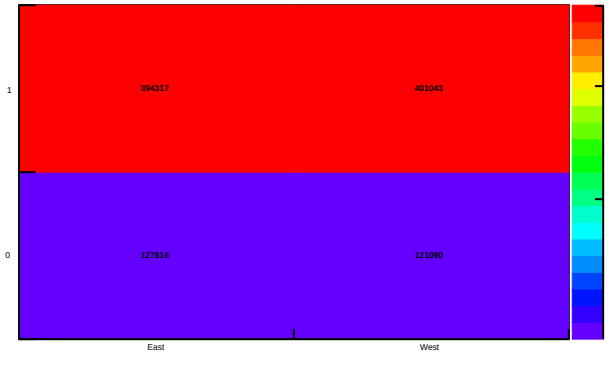
VT201 Input Ch4: VPD Tac Diff



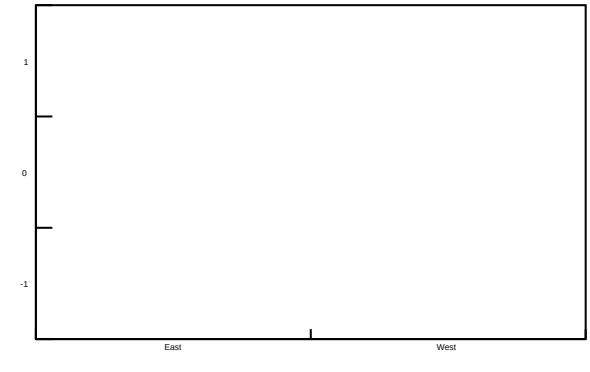
VT201 Input Ch4: VPD Tac Diff

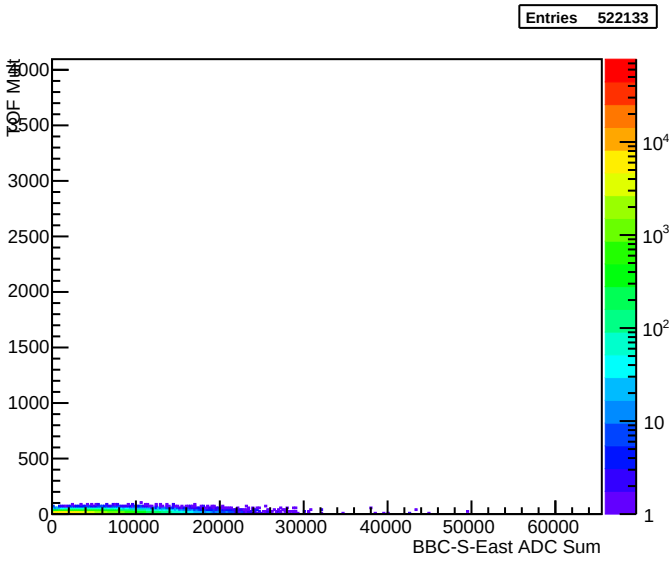


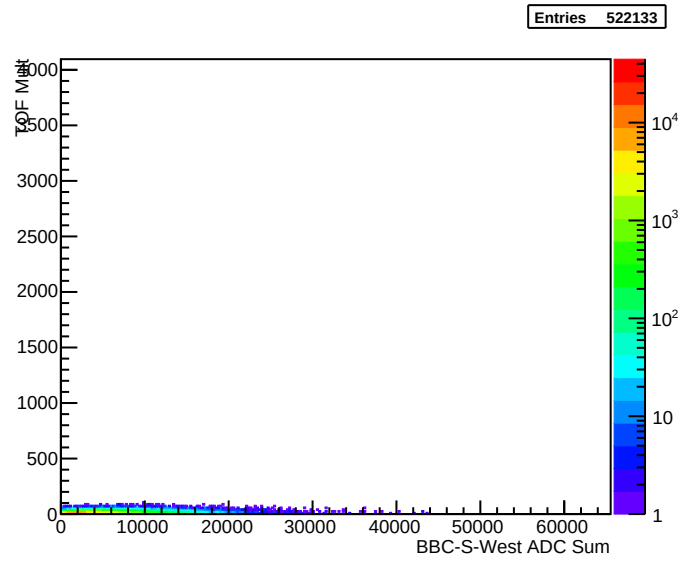
VT201 Input Ch4: VPD Adc Sum Th

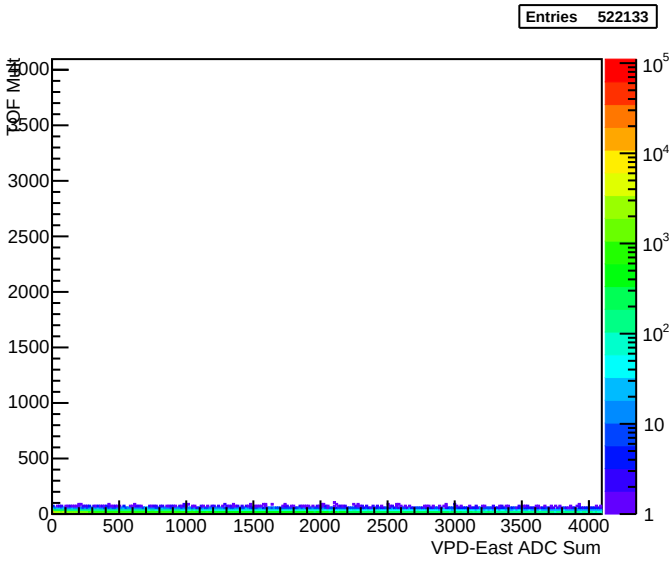


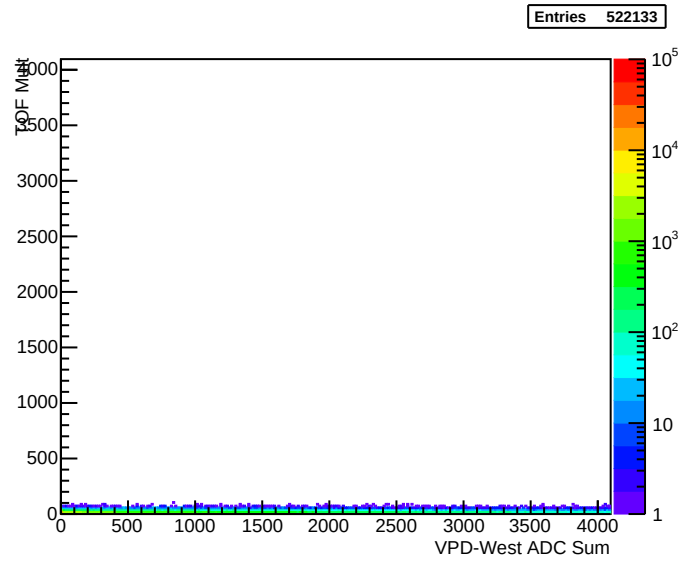
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

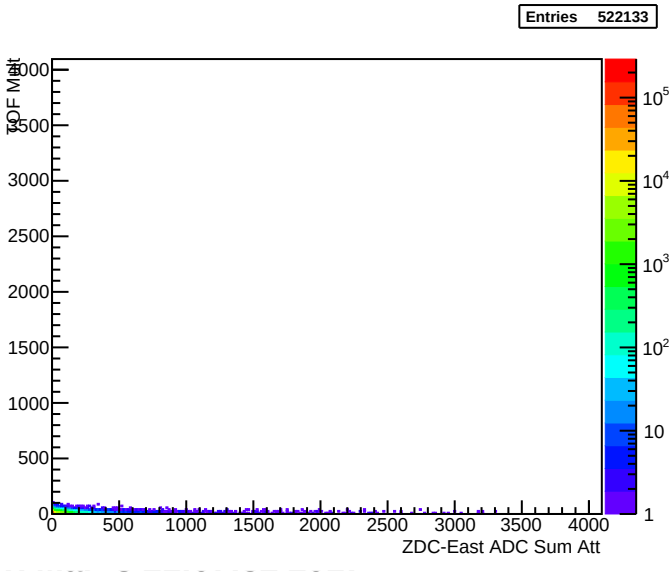


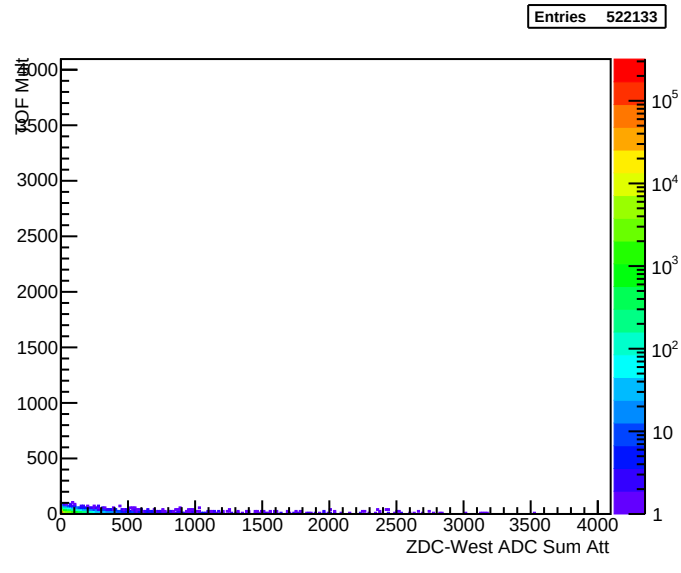

Entries 522133
TOF Mult
BBC-S-East ADC Sum

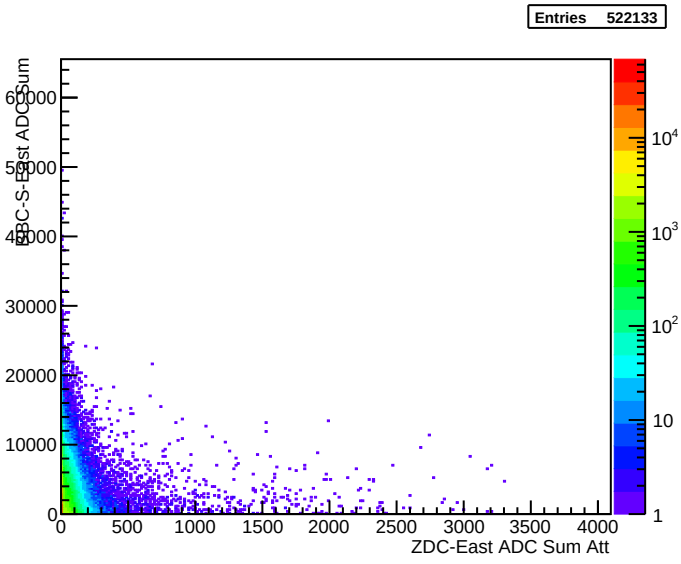

Entries 522133
TOF Mult
BBC-S-West ADC Sum

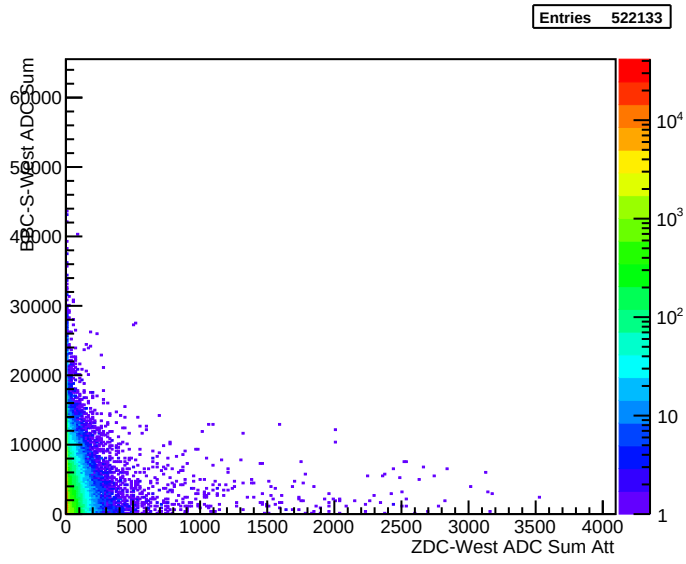

Entries 522133
TOF Mult
VPD-East ADC Sum

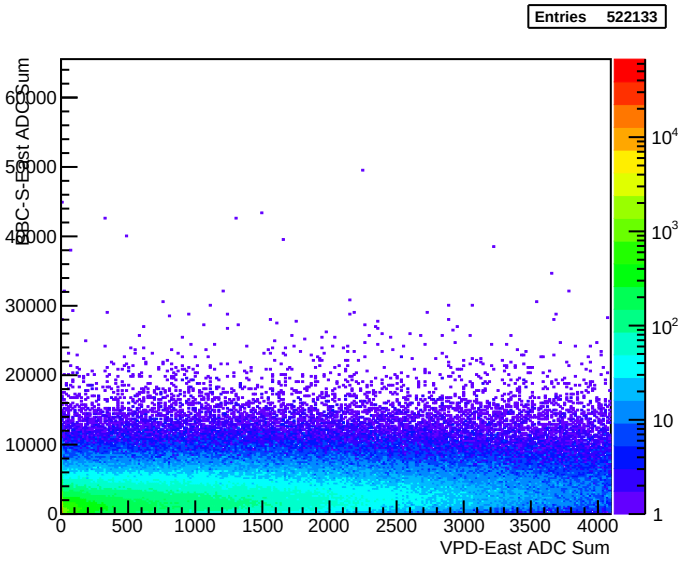

Entries 522133
TOF Mult
VPD-West ADC Sum

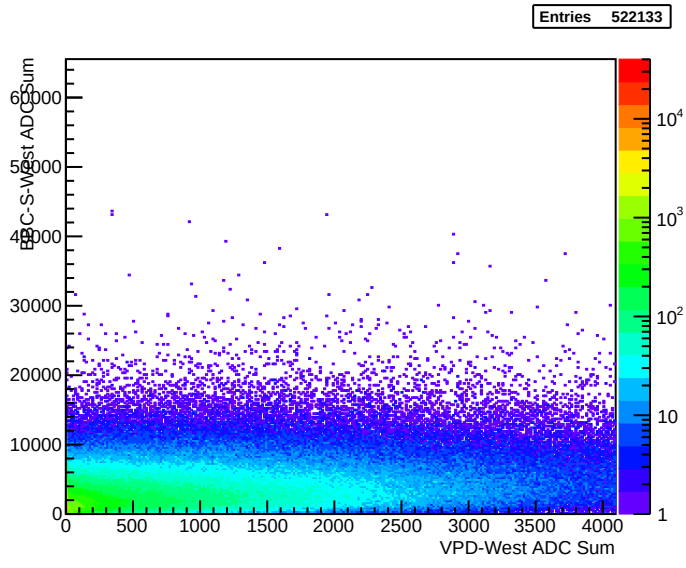

Entries 522133
TOF Mult
ZDC-East ADC Sum Att

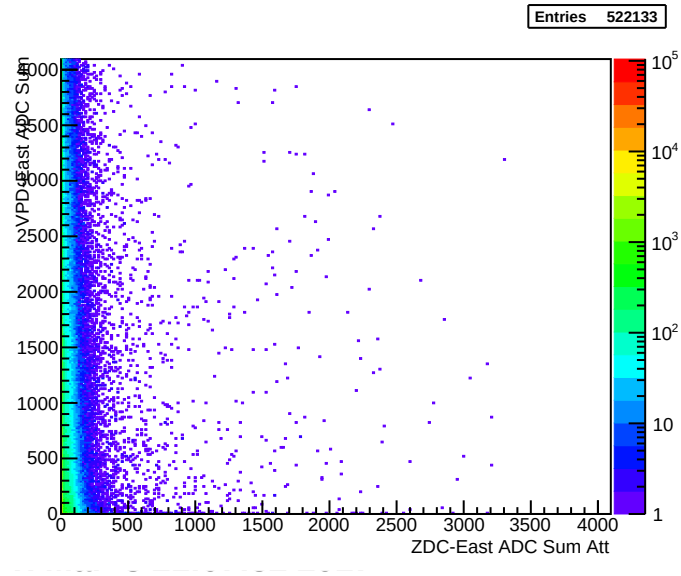

Entries 522133
TOF Mult
ZDC-West ADC Sum Att

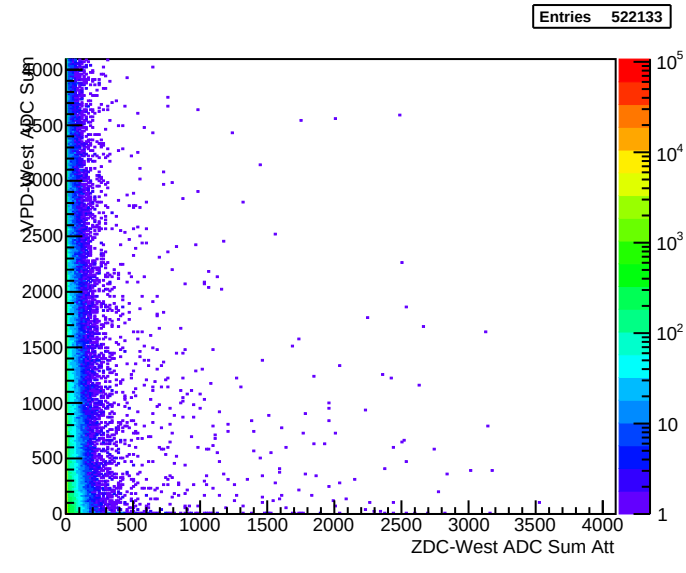

Entries 522133
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

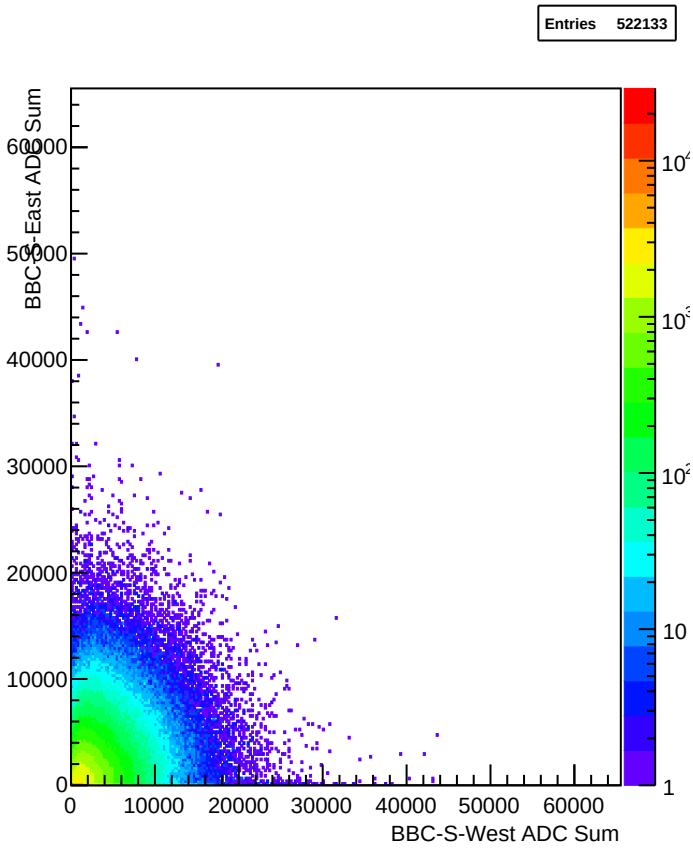

Entries 522133
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

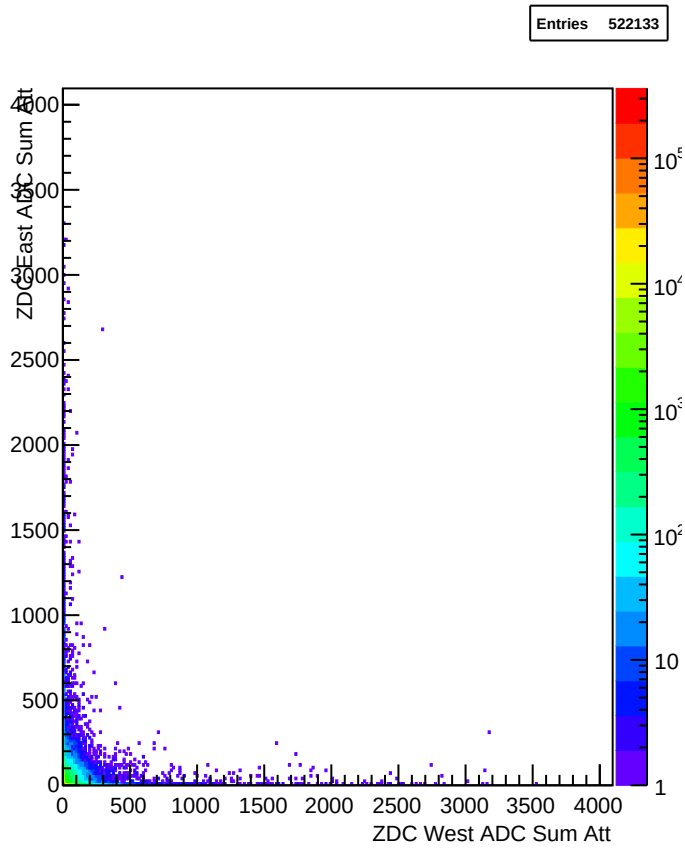

Entries 522133
BBC-S-East ADC Sum
VPD-East ADC Sum

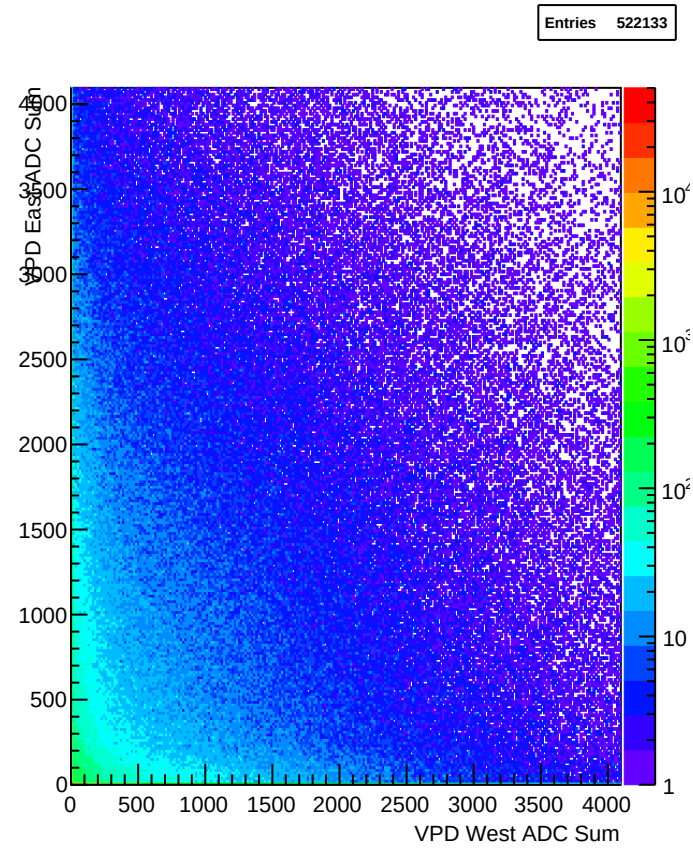

Entries 522133
BBC-S-West ADC Sum
VPD-West ADC Sum

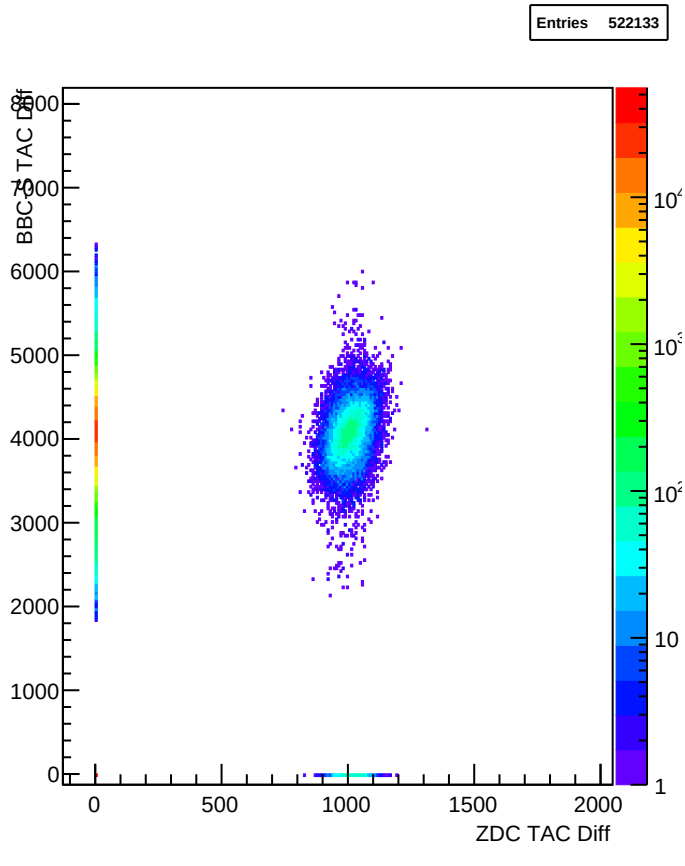

Entries 522133
VPD-East ADC Sum
ZDC-East ADC Sum Att

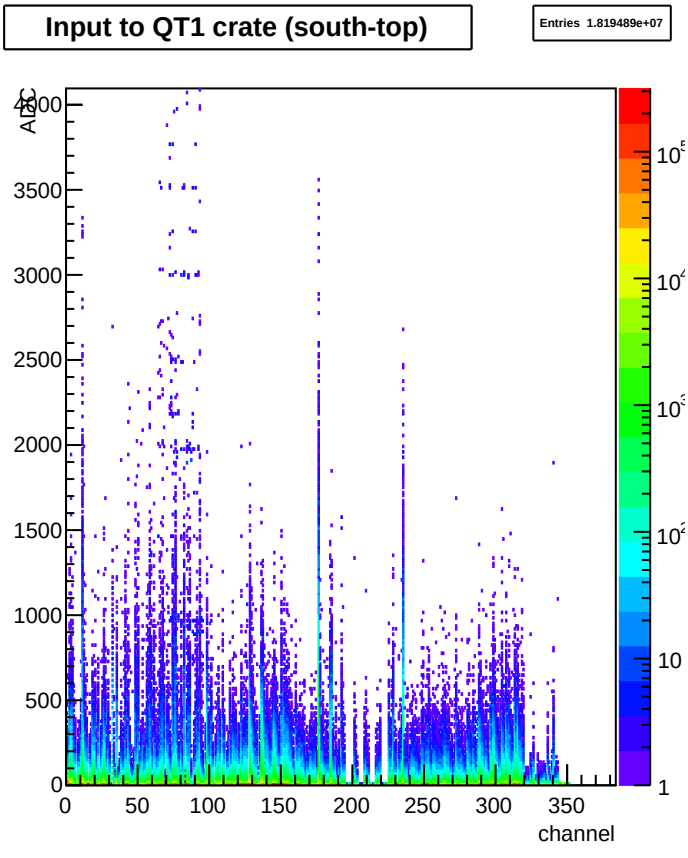

Entries 522133
VPD-West ADC Sum
ZDC-West ADC Sum Att

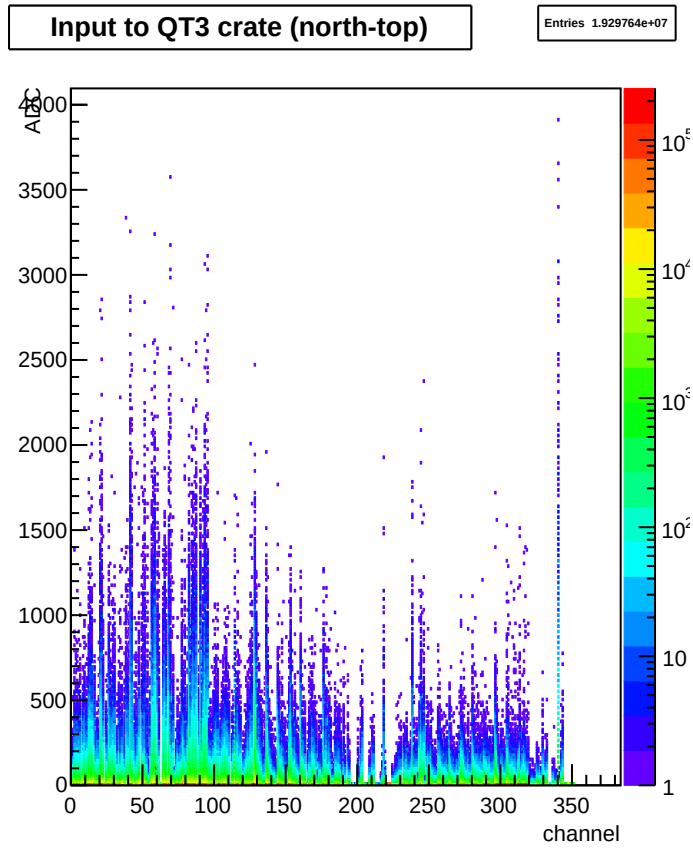

Entries 522133
BBC-S-East ADC Sum
BBC-S-West ADC Sum

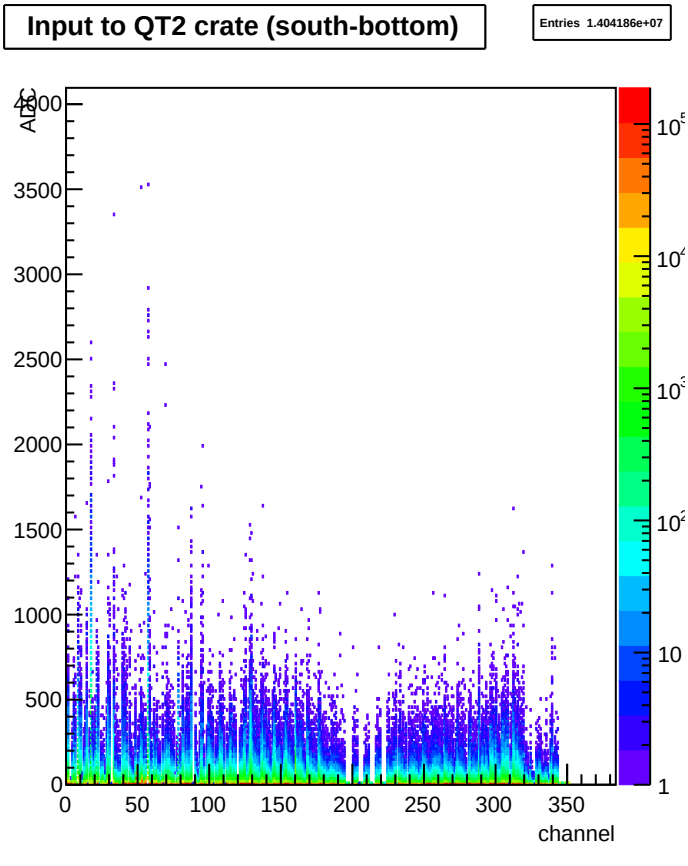

Entries 522133
ZDC East ADC Sum Att
ZDC West ADC Sum Att

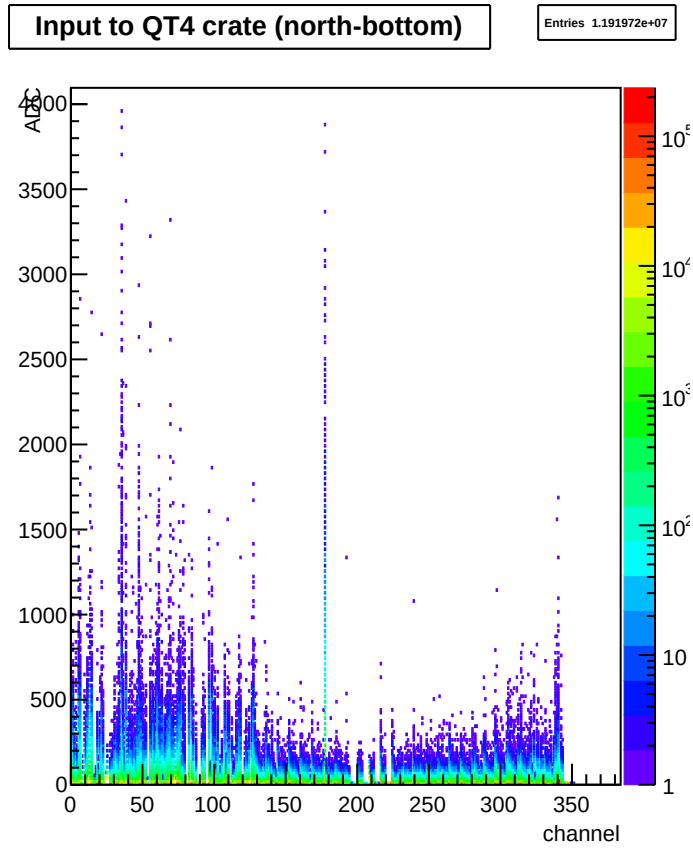

Entries 522133
VPD East ADC Sum
VPD West ADC Sum

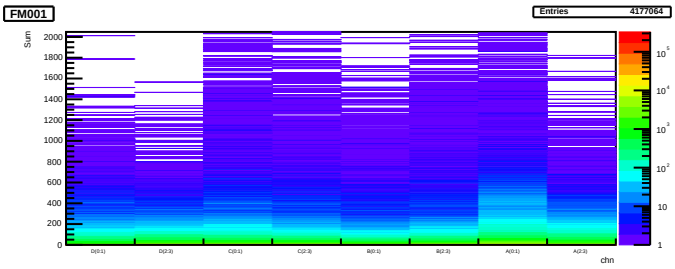

Entries 522133
BBC-S TAC Diff
ZDC TAC Diff

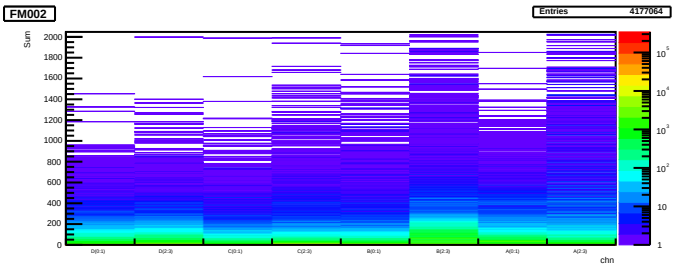

Input to QT1 crate (south-top)
Entries 1.819489e+07
ADC
channel

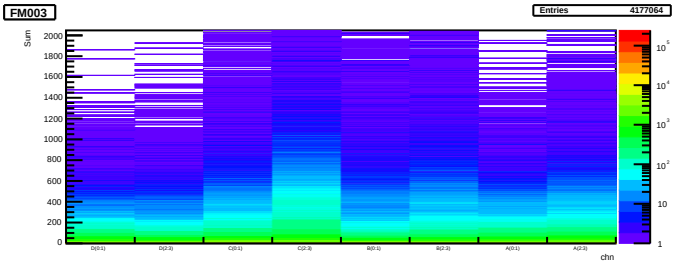

Input to QT3 crate (north-top)
Entries 1.929764e+07
ADC
channel

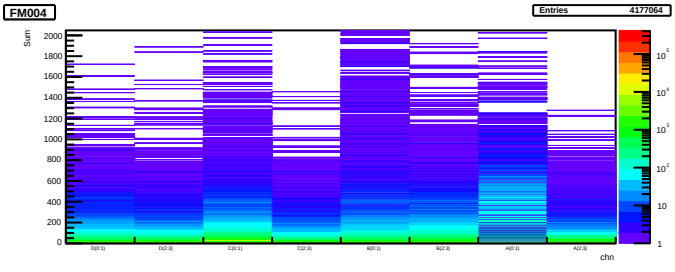

Input to QT2 crate (south-bottom)
Entries 1.404186e+07
ADC
channel

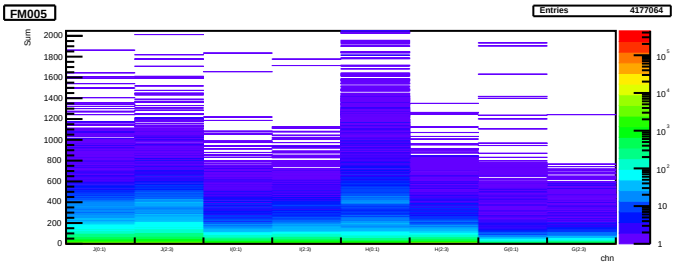

Input to QT4 crate (north-bottom)
Entries 1.191972e+07
ADC
channel

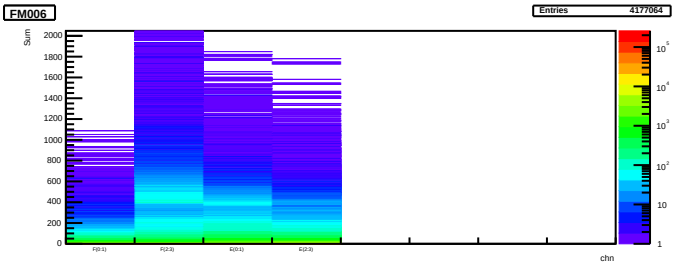

FM001
Entries 4177064
Sum
chn

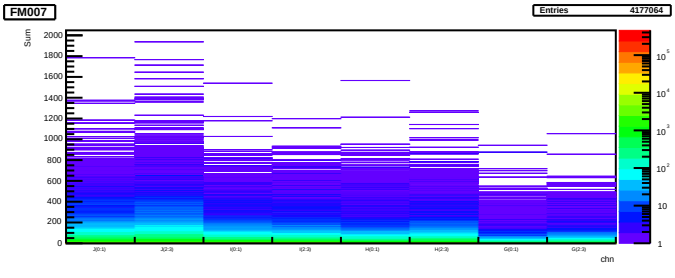

FM002
Entries 4177064
Sum
chn

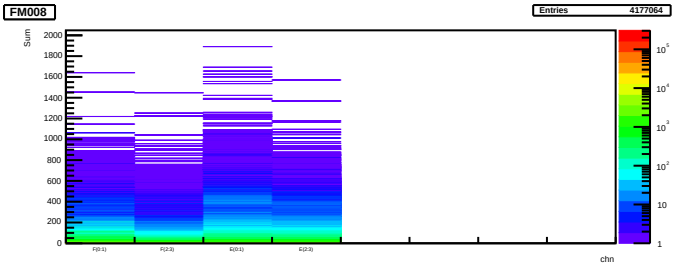

FM003
Entries 4177064
Sum
chn

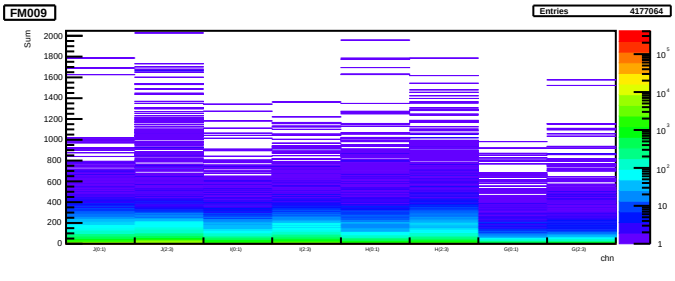

FM004
Entries 4177064
Sum
chn

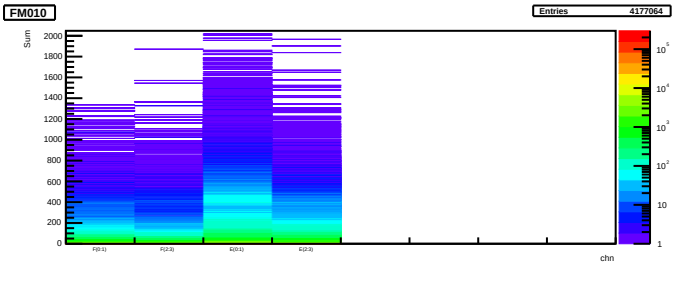

FM005
Entries 4177064
Sum
chn

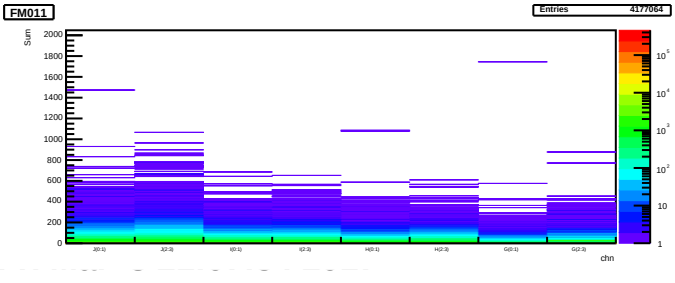

FM006
Entries 4177064
Sum
chn

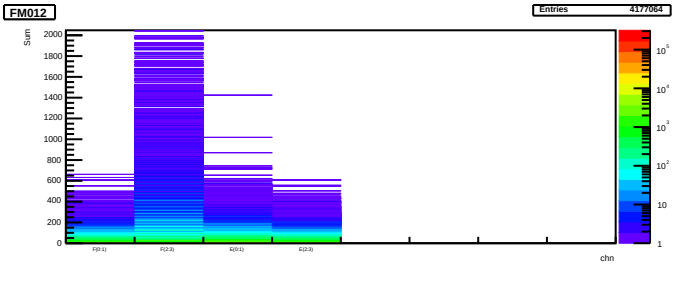

FM007
Entries 4177064
Sum
chn

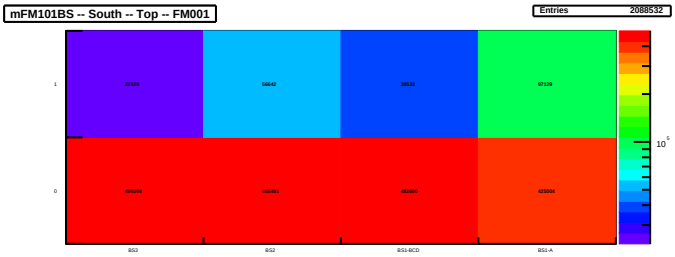

FM008
Entries 4177064
Sum
chn

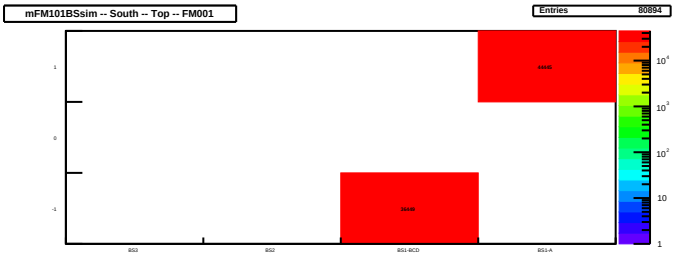

FM009
Entries 4177064
Sum
chn


FM010
Entries 4177064
Sum
chn


FM011
Entries 4177064
Sum
chn


FM012
Entries 4177064
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 2088532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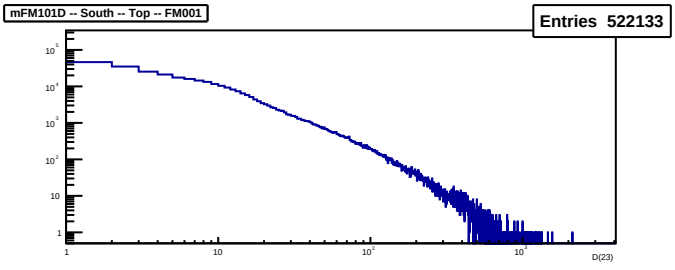
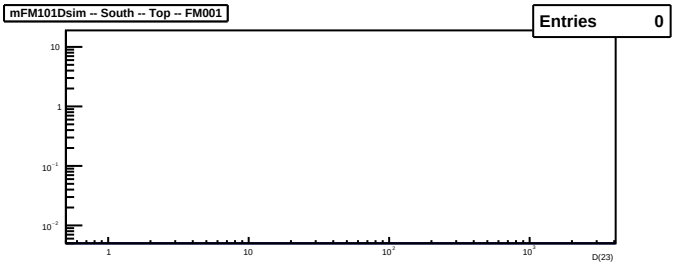

mFM101D -- South -- Top -- FM001
Entries 522133
D(23)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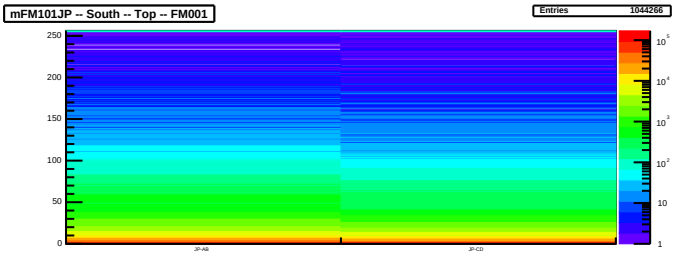
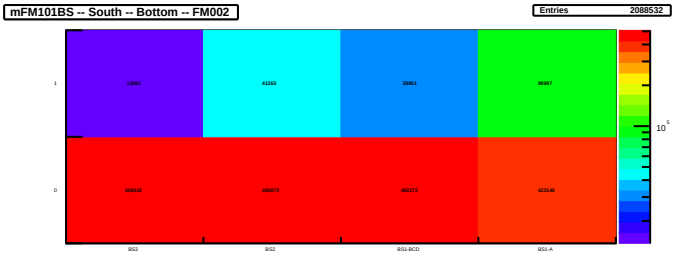
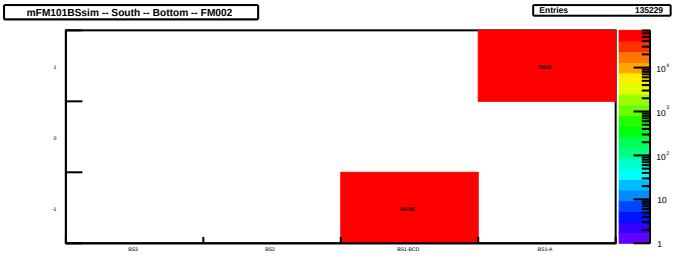
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 1044266

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


mFM101BS -- South -- Bottom -- FM002
Entries 2088532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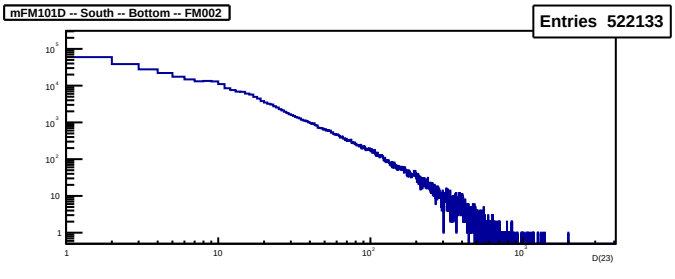
Entries 135229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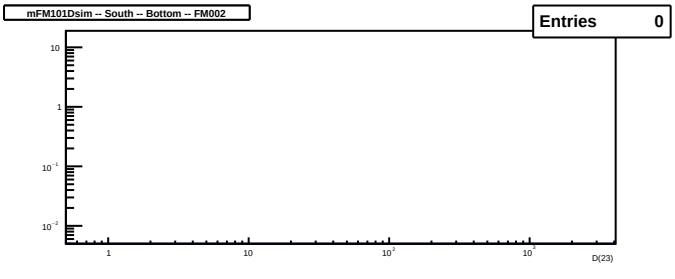
Entries 522133
D(23)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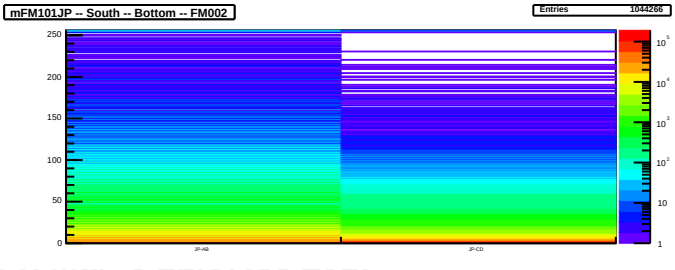
Entries 0
D(23)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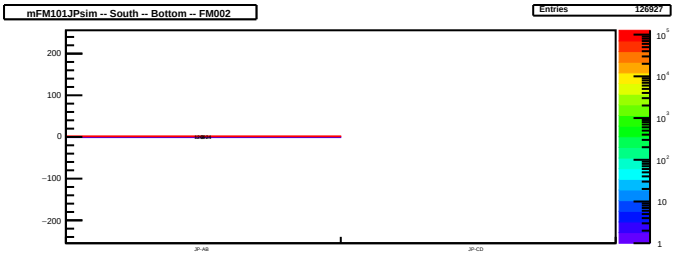
Entries 1044266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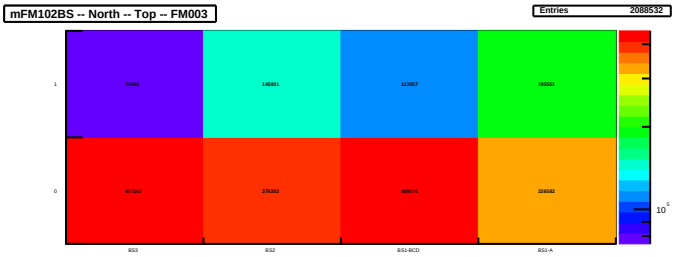
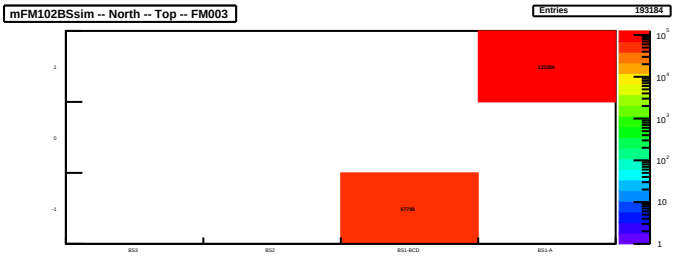
Entries 126927


mFM102BS -- North -- Top -- FM003
Entries 2088532
BS3
BS2
BS1-BCD
BS1-A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Entries 193184
BS3
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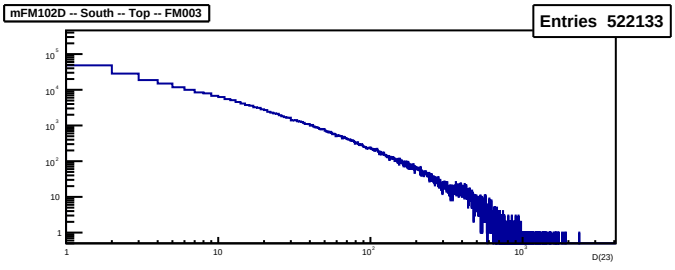
BS1-A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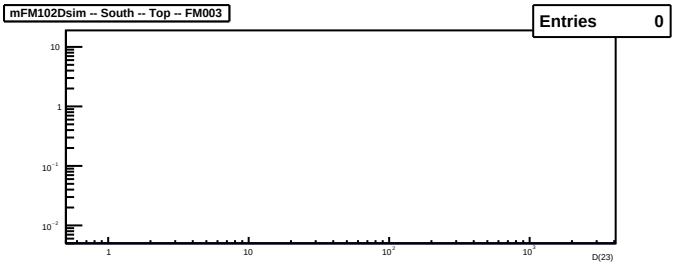
Entries 522133
D(23)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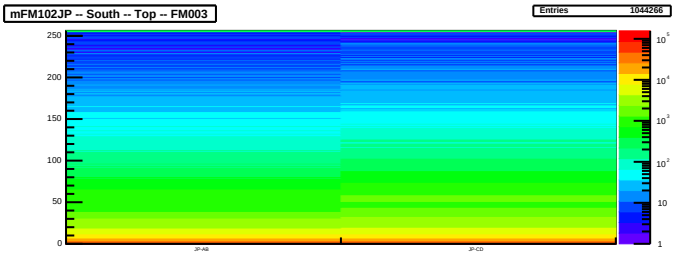
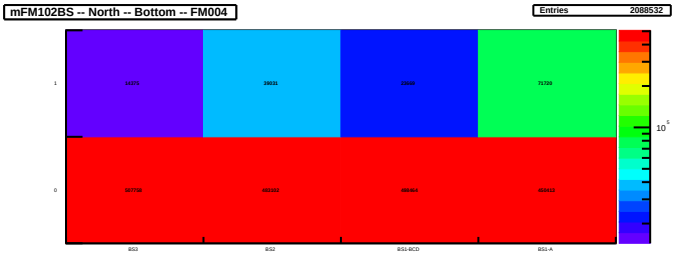
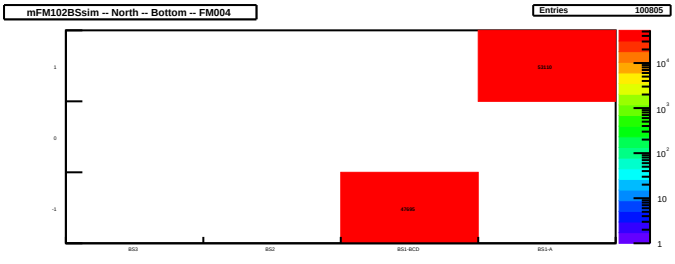
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 1044266
JP-AB
JP-CD

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


mFM102BS -- North -- Bottom -- FM004
Entries 2088532
BS3
BS2
BS1-BCD
BS1-A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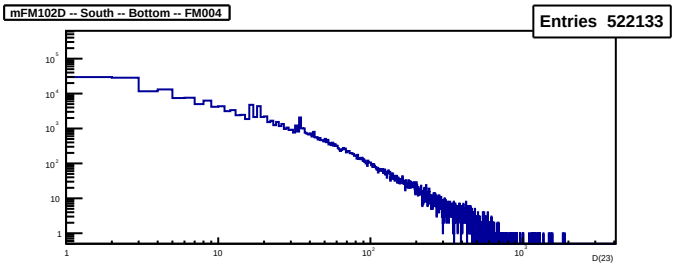
Entries 100805
BS3
BS2
BS1-BCD
BS1-A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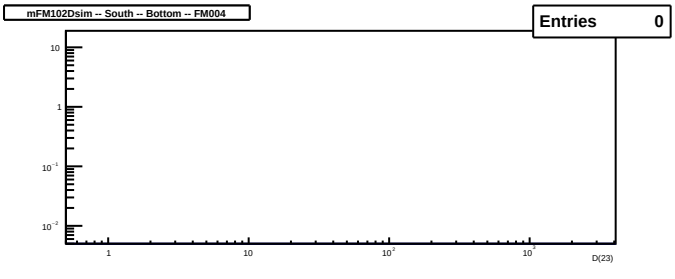
Entries 522133
D(23)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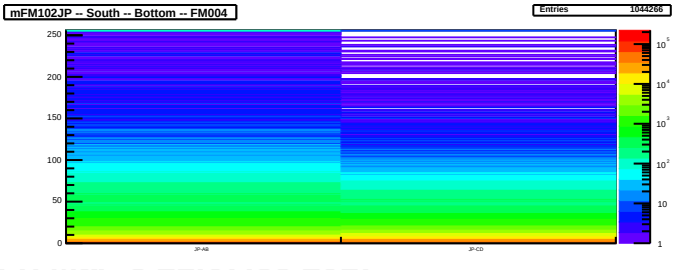
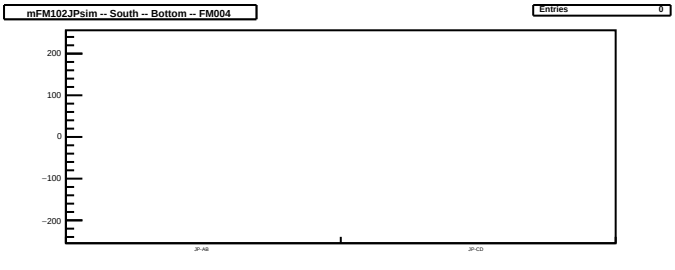
Entries 0
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 1044266
JP-AB
JP-CD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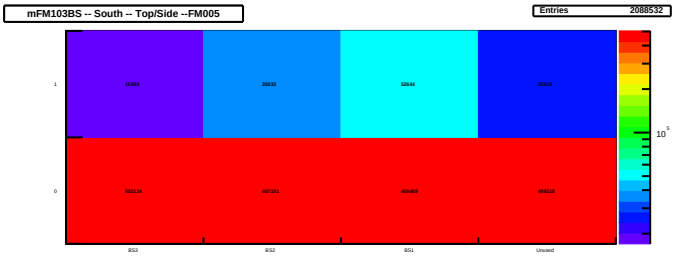
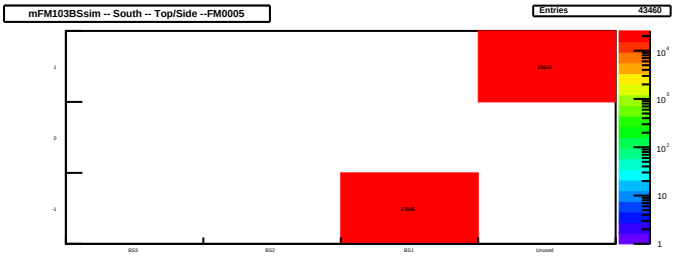
Entries 0
JP-AB
JP-CD


mFM103BS -- South -- Top/Side --FM005
Entries 2088532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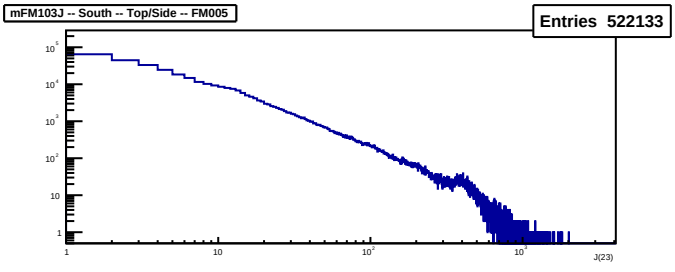
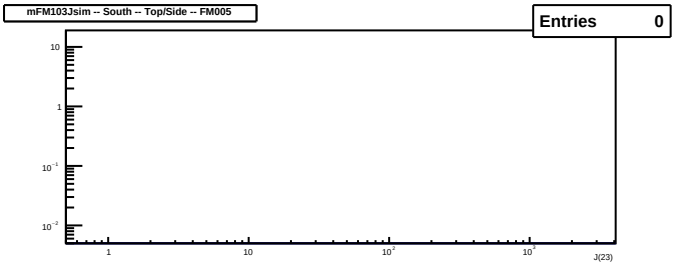
Entries 43460


mFM103J -- South -- Top/Side -- FM005
Entries 522133
J(23)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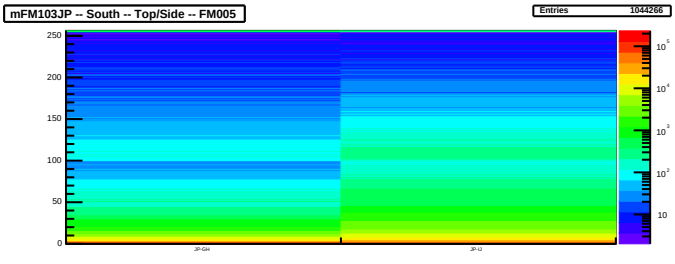
Entries 0
J(23)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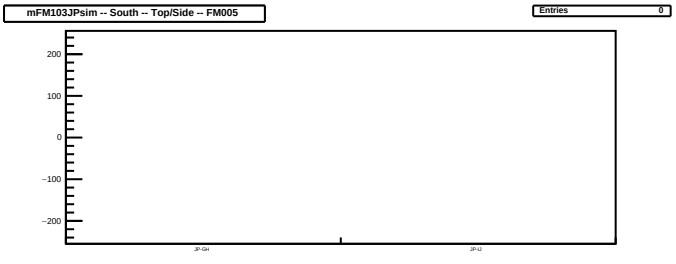
Entries 1044266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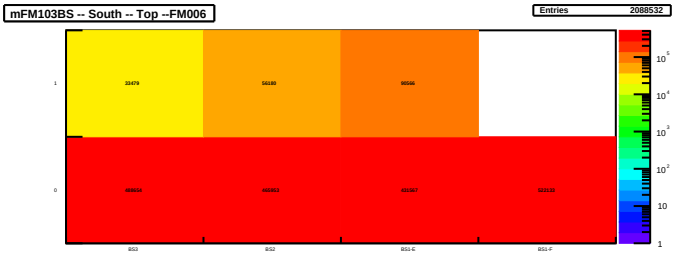
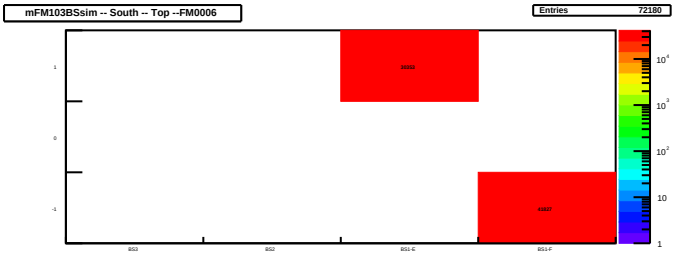
Entries 0


mFM103BS -- South -- Top --FM006
Entries 2088532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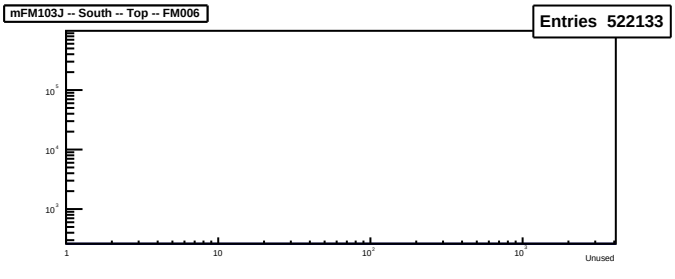
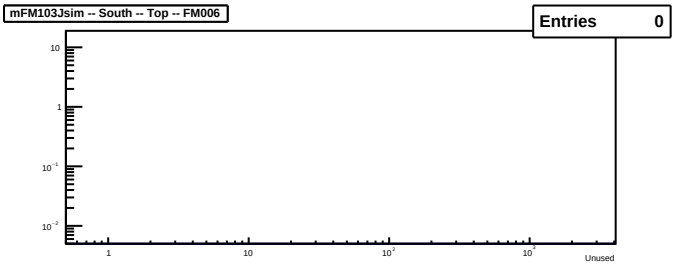
Entries 72180


mFM103J -- South -- Top -- FM006
Entries 522133
Unused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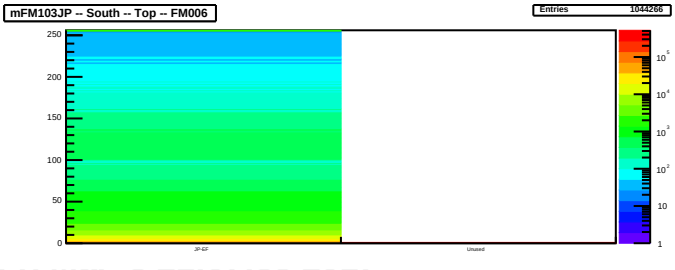
Entries 0
Unused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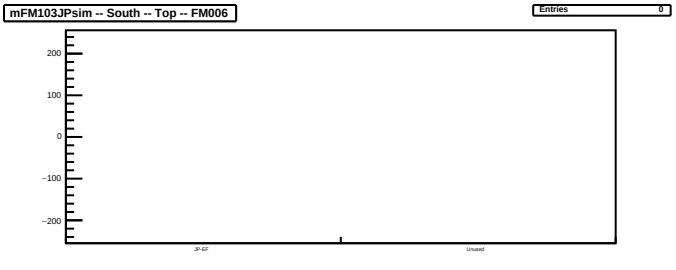
Entries 1044266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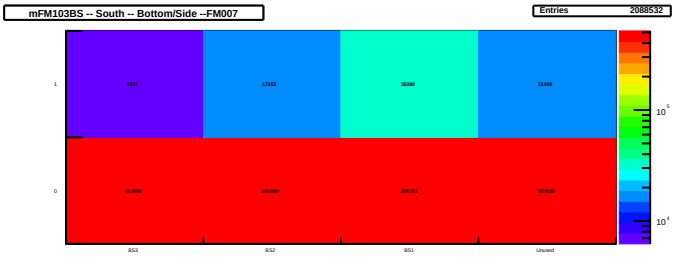
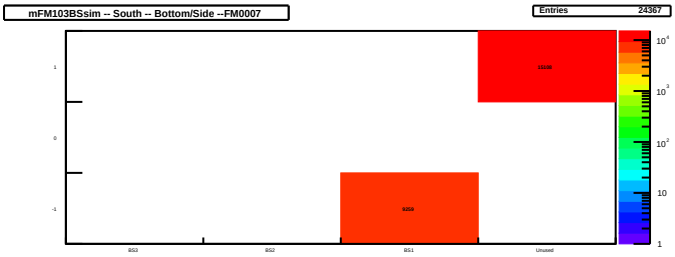
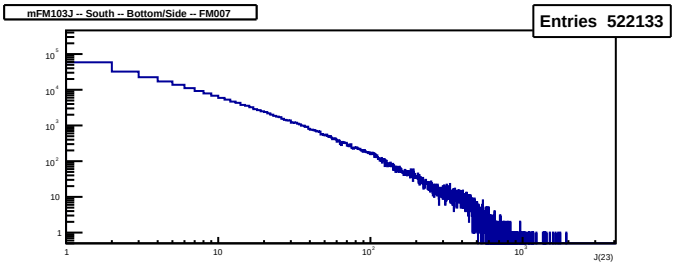
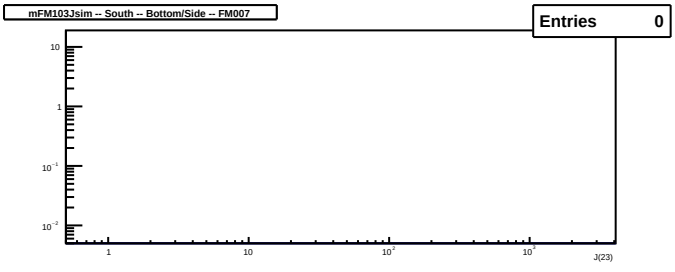
Entries 0


mFM103BS -- South -- Bottom/Side --FM007
Entries 2088532
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 24367
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 522133
J(23)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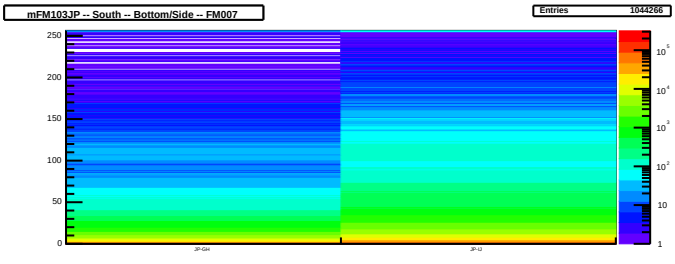
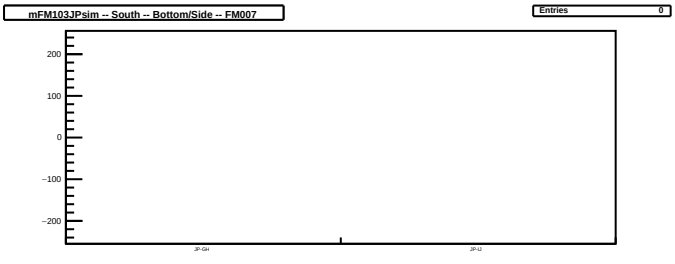
Entries 0
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 1044266
JP-GH
JP-IJ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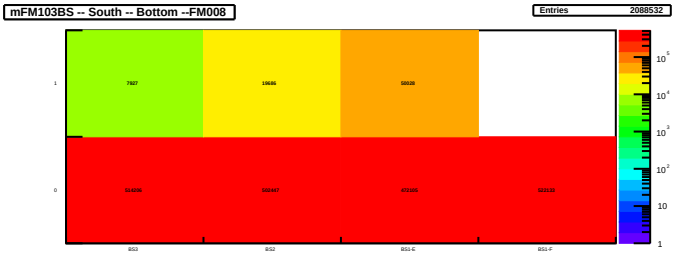
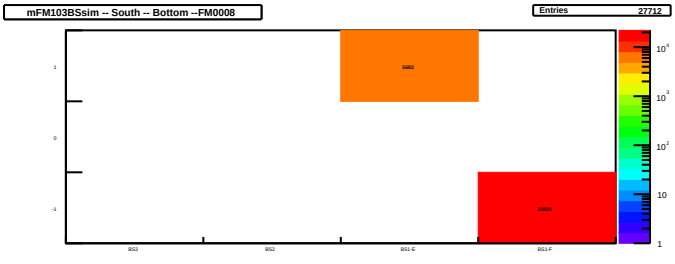
Entries 0
JP-GH
JP-IJ


mFM103BS -- South -- Bottom --FM008
Entries 2088532
BS3
BS2
BS1-E
BS1-F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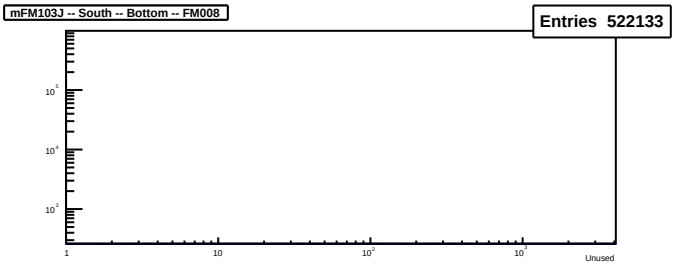
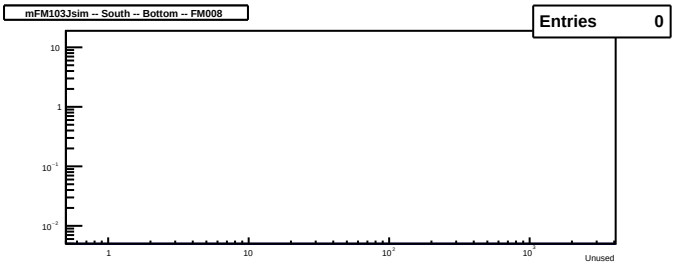
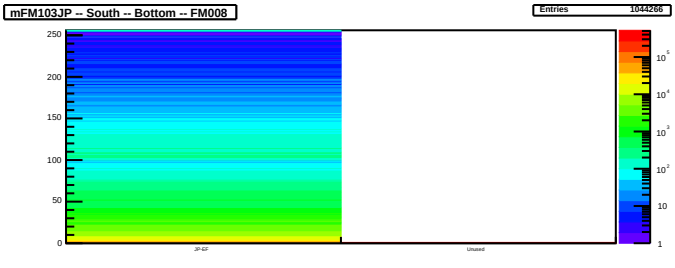
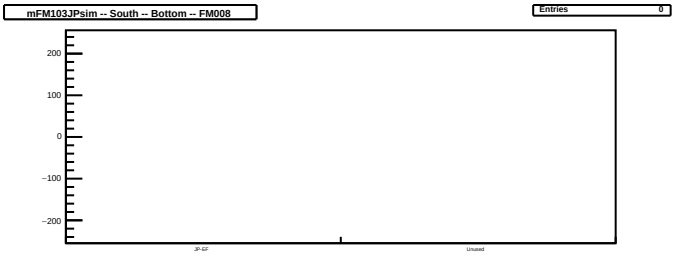
Entries 27712
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 522133
Unused


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


mFM103JP -- South -- Bottom -- FM008
Entries 1044266
JP-EF
Unused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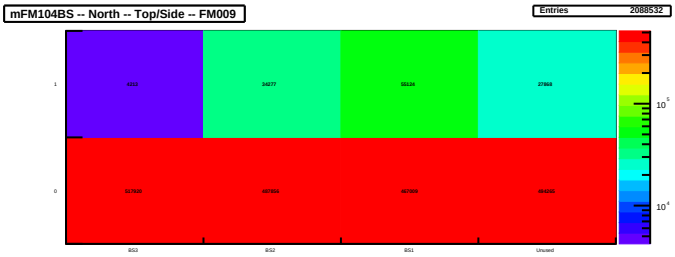
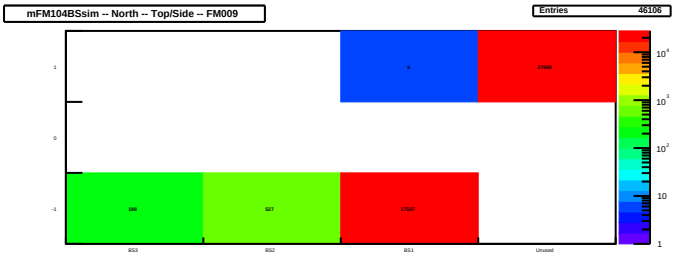
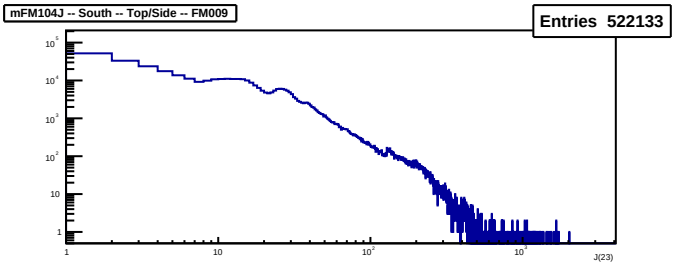
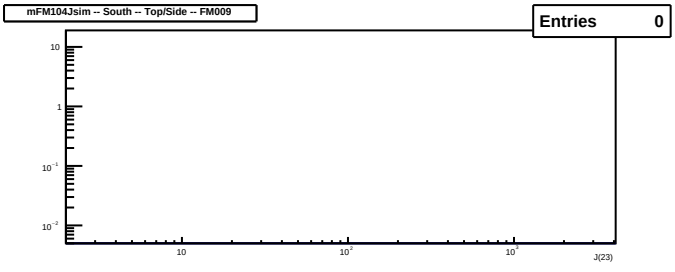
Entries 0
JP-EF
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 2088532


mFM104BSsim -- North -- Top/Side -- FM009
Entries 46106


mFM104J -- South -- Top/Side -- FM009
Entries 522133
J(23)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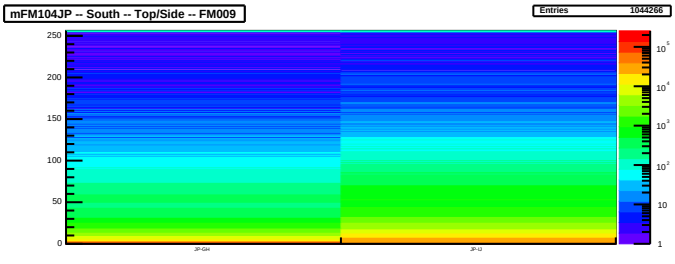
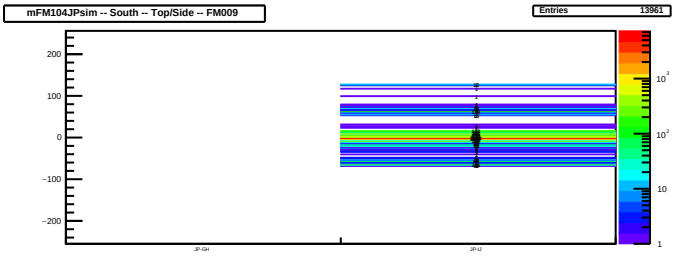
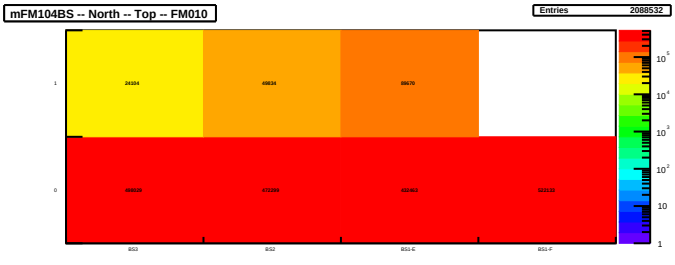
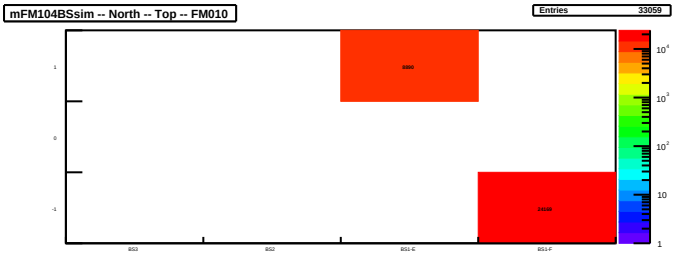
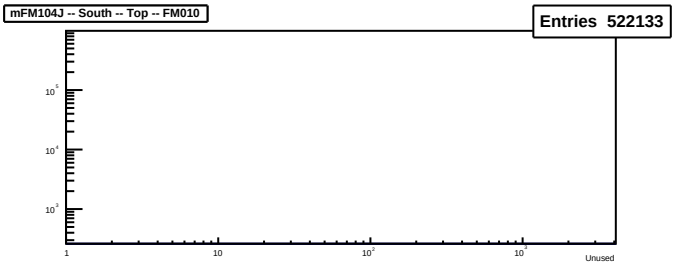
Entries 0
J(23)

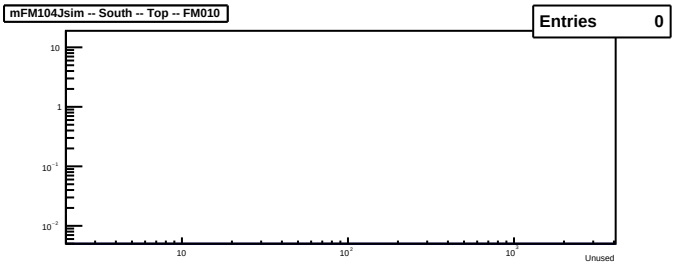

mFM104JP -- South -- Top/Side -- FM009
Entries 1044266

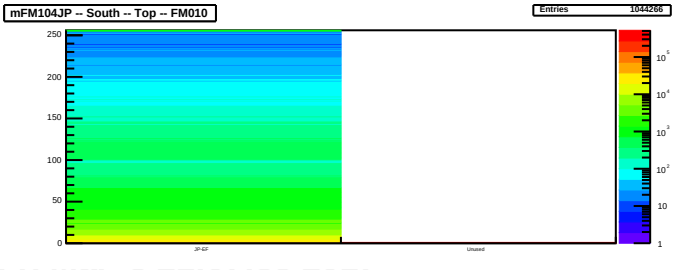

mFM104JPsim -- South -- Top/Side -- FM009
Entries 13961

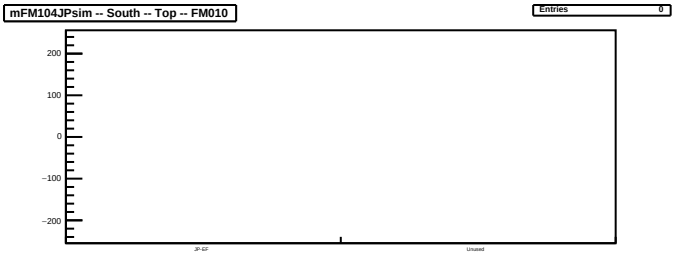

mFM104BS -- North -- Top -- FM010
Entries 2088532

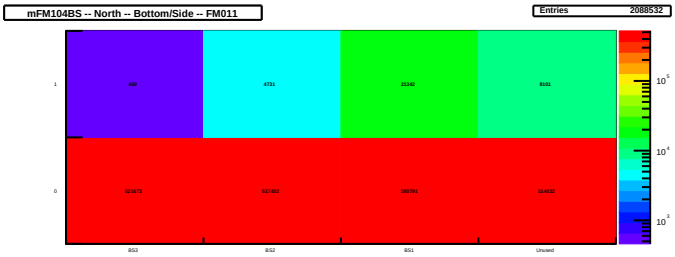

mFM104BSsim -- North -- Top -- FM010
Entries 33059

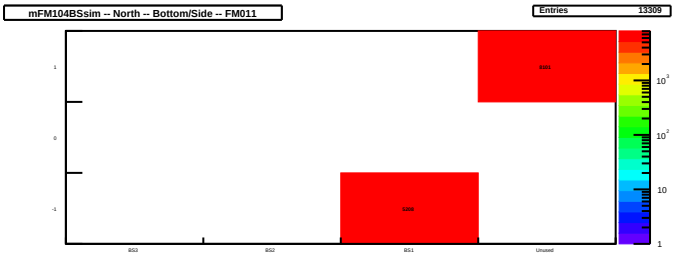

mFM104J -- South -- Top -- FM010
Entries 522133
Unused

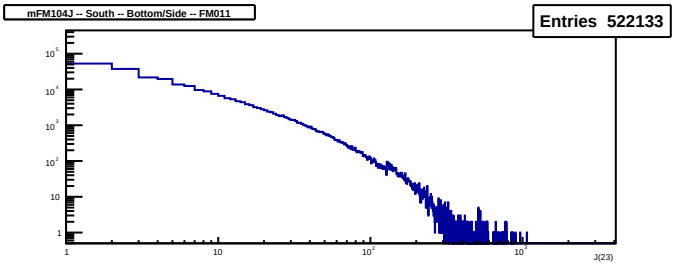

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

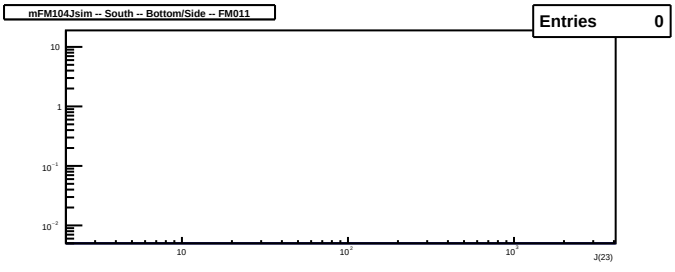

mFM104JP -- South -- Top -- FM010
Entries 1044266

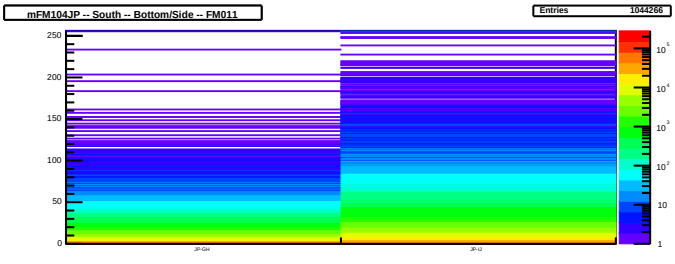

mFM104JPsim -- South -- Top -- FM010
Entries 0

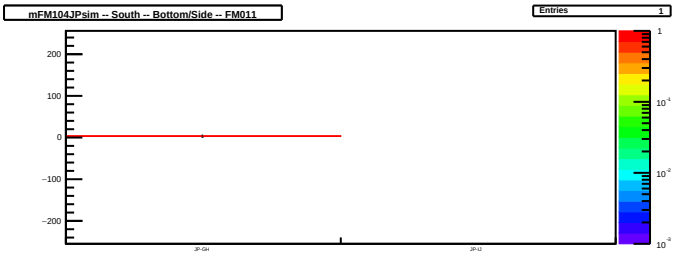

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2088532
450
4731
21340
8101
521673
517492
500791
514032
BS3
BS2
BS1
Unused

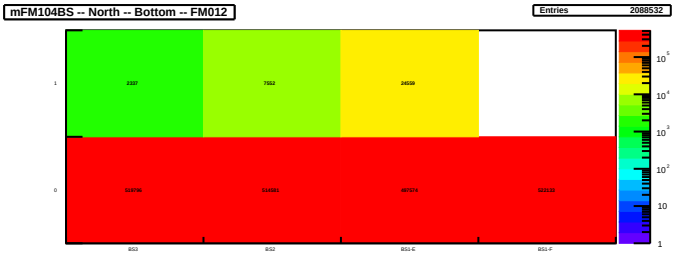

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 13309
8101
5208
BS3
BS2
BS1
Unused

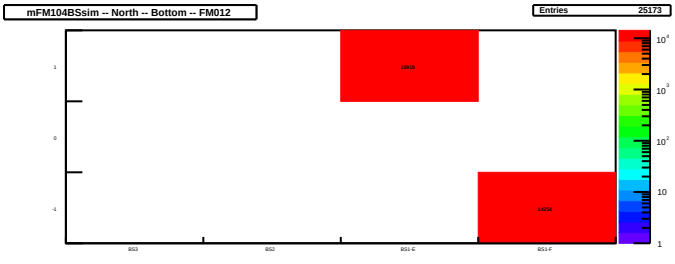

mFM104J -- South -- Bottom/Side -- FM011
Entries 522133
J(23)

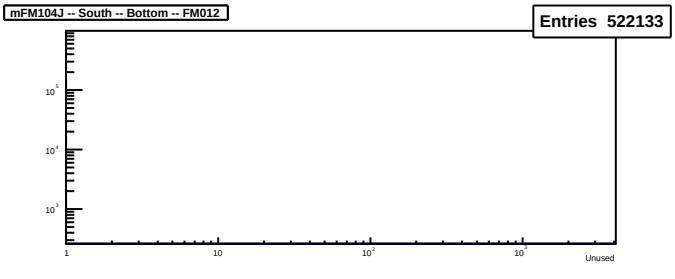

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

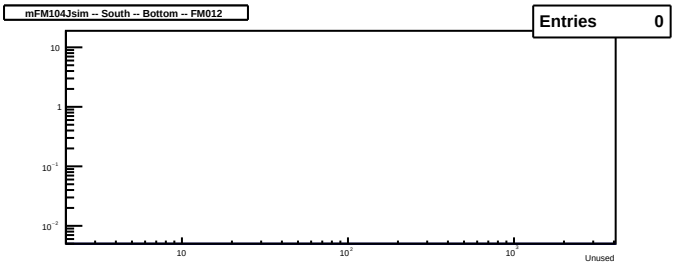

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1044266
JP-GH
JP-IJ

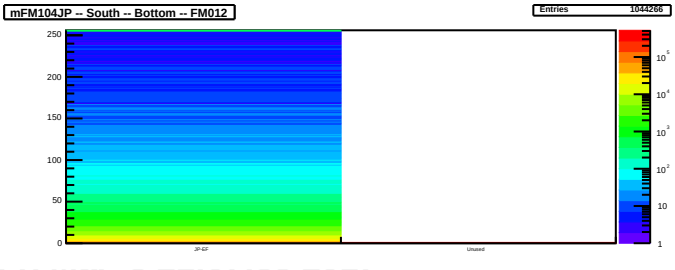

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1
JP-GH
JP-IJ

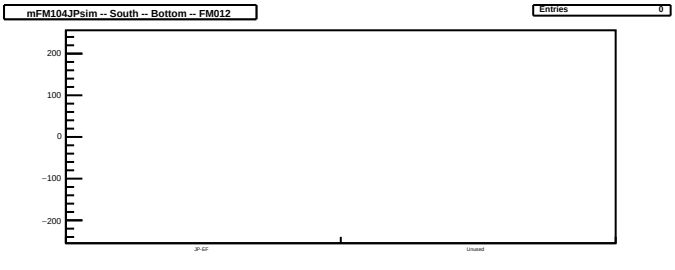

mFM104BS -- North -- Bottom -- FM012
Entries 2088532
2337
7552
24559
519706
514591
497574
522133
BS3
BS2
BS1-E
BS1-F

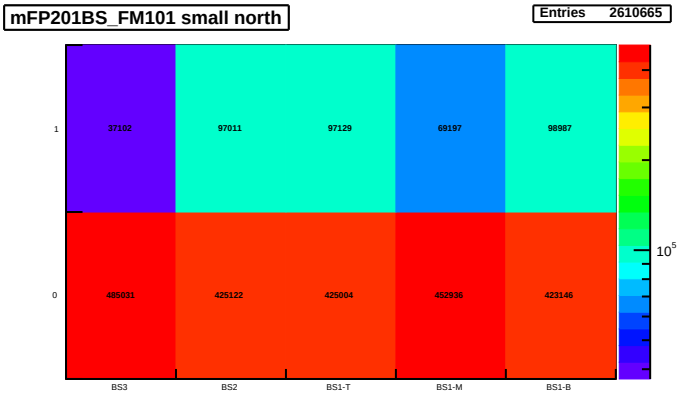

mFM104BSsim -- North -- Bottom -- FM012
Entries 25173
19919
5254
BS3
BS2
BS1-E
BS1-F

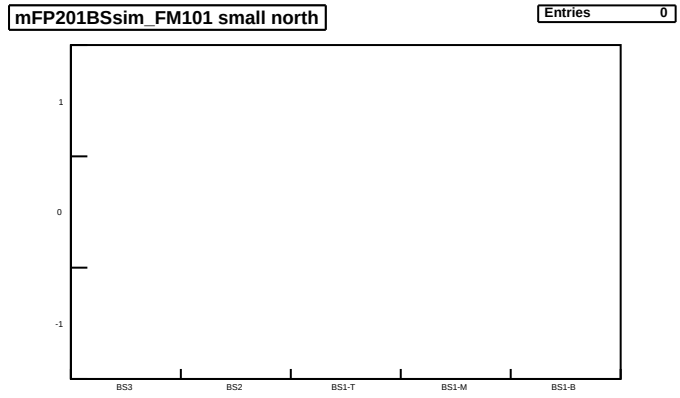

mFM104J -- South -- Bottom -- FM012
Entries 522133
Unused

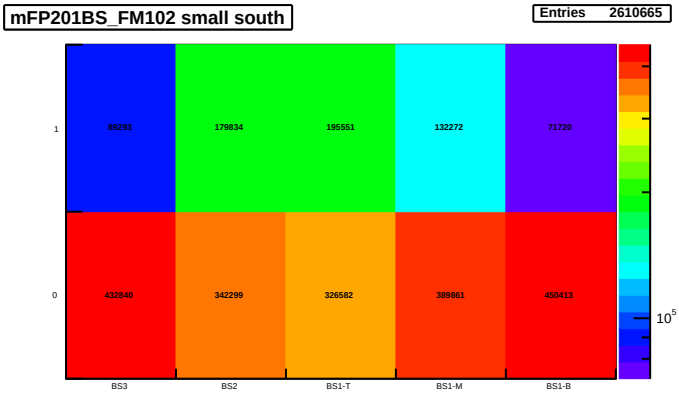

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

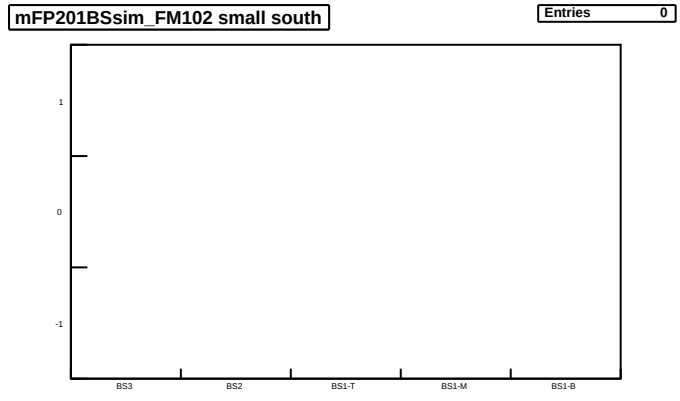

mFM104JP -- South -- Bottom -- FM012
Entries 1044266
JP-EF
Unused

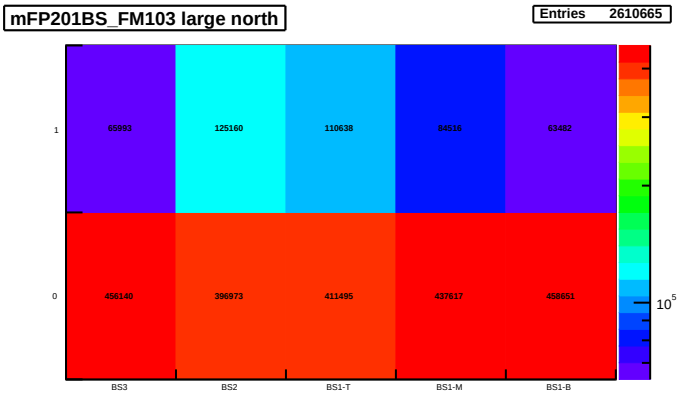

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

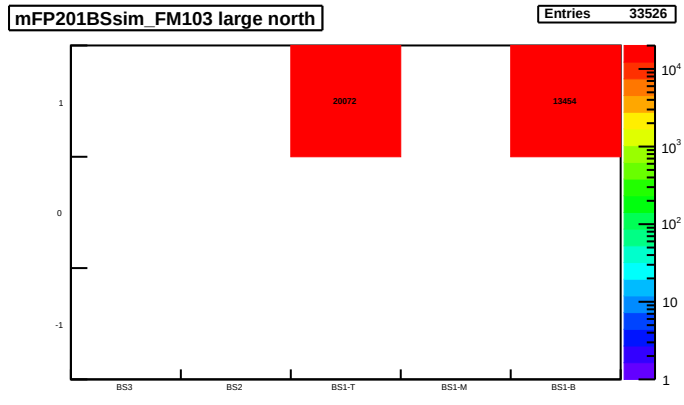

mFP201BS_FM101 small north
Entries 2610665
37102
97011
97129
69197
98987
485031
425122
425004
452936
423146
BS3
BS2
BS1-T
BS1-M
BS1-B

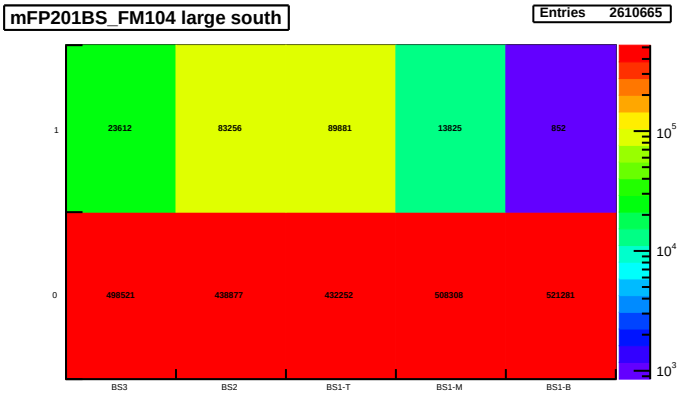

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

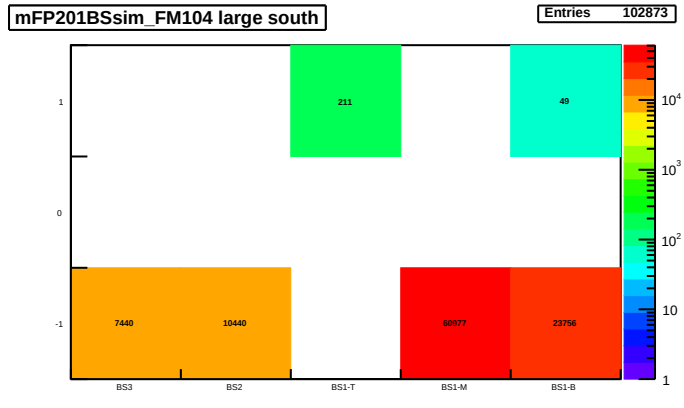

mFP201BS_FM102 small south
Entries 2610665
89293
179834
195551
132272
71720
432840
342299
326582
389861
450413
BS3
BS2
BS1-T
BS1-M
BS1-B

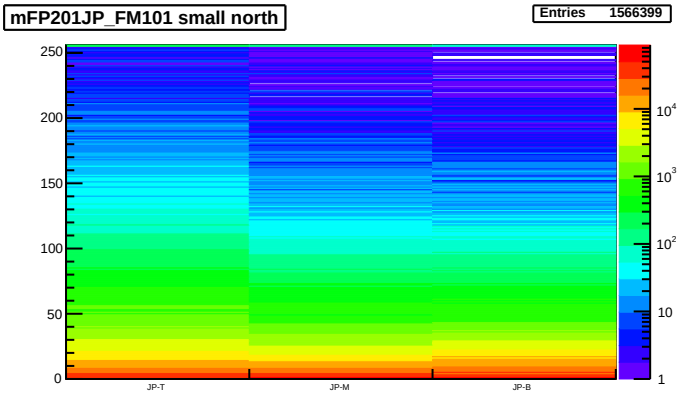

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

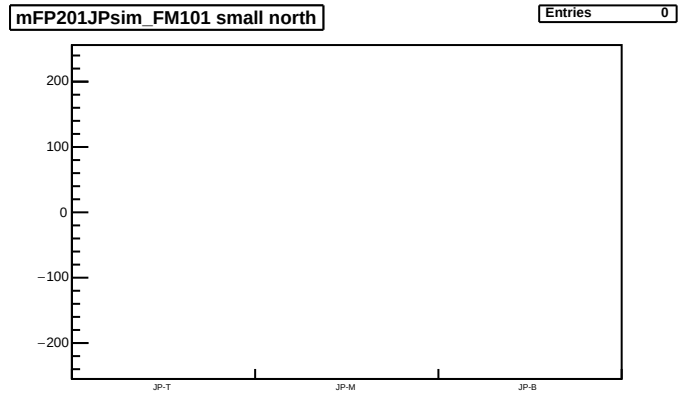

mFP201BS_FM103 large north
Entries 2610665
65993
125160
110638
84516
63482
456140
396973
411495
437617
458651
BS3
BS2
BS1-T
BS1-M
BS1-B

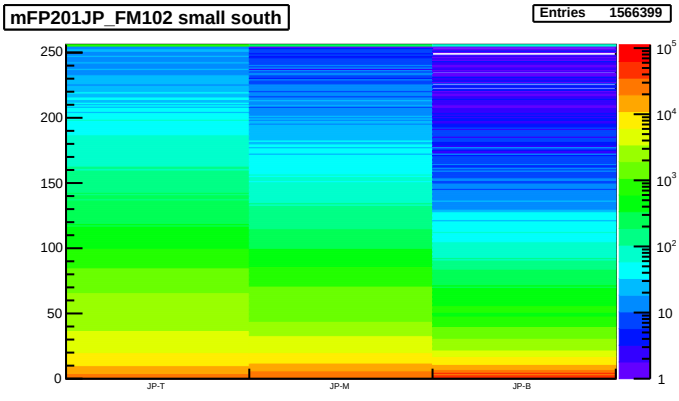

mFP201BSsim_FM103 large north
Entries 33526
20072
13454
BS3
BS2
BS1-T
BS1-M
BS1-B

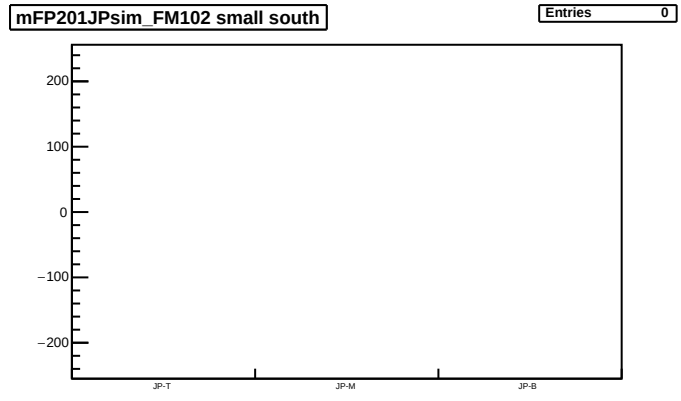

mFP201BS_FM104 large south
Entries 2610665
23612
83256
89881
13825
852
498521
438877
432252
508308
521281
BS3
BS2
BS1-T
BS1-M
BS1-B

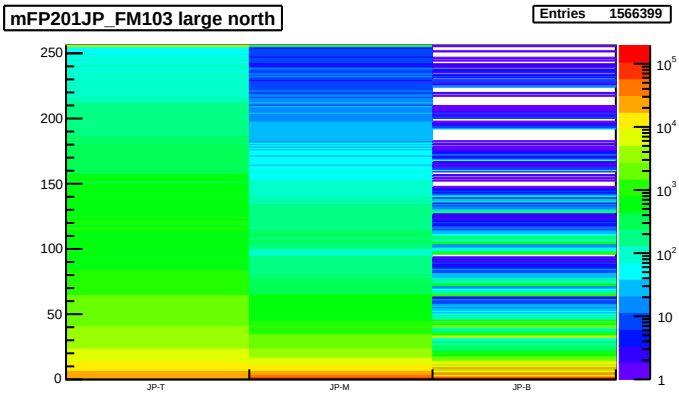

mFP201BSsim_FM104 large south
Entries 102873
211
49
7440
10440
60977
23756
BS3
BS2
BS1-T
BS1-M
BS1-B

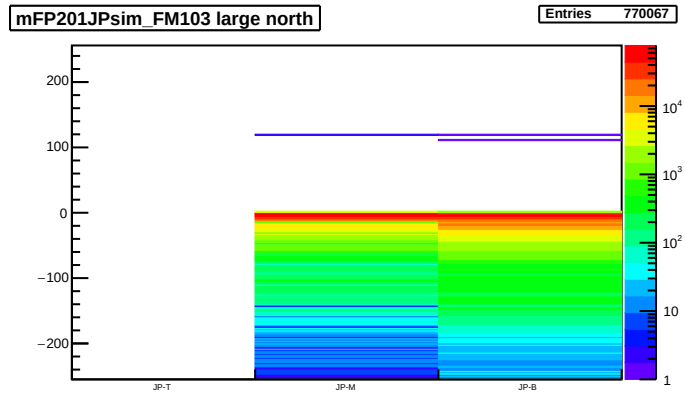

mFP201JP_FM101 small north
Entries 1566399
JP-T
JP-M
JP-B

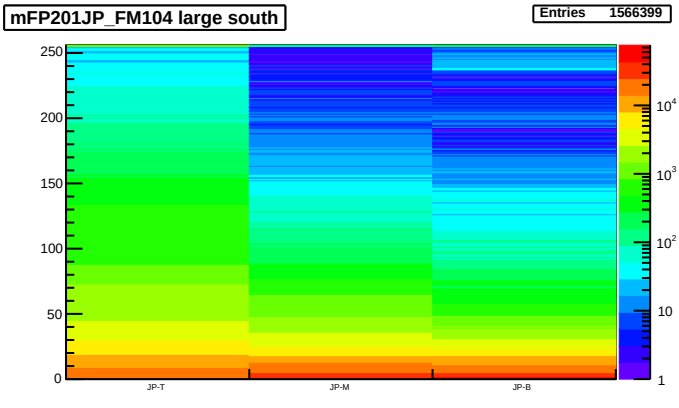

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

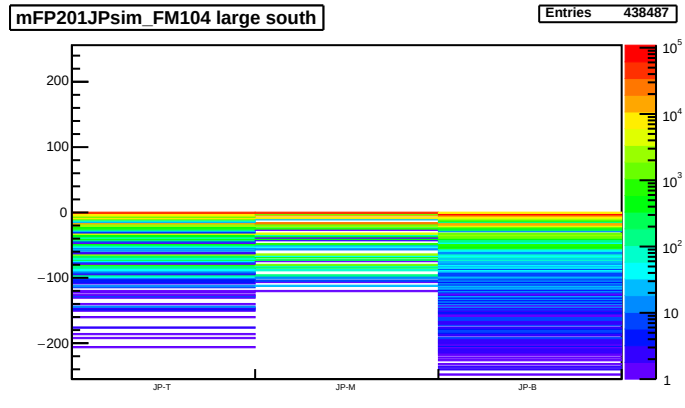

mFP201JP_FM102 small south
Entries 1566399
JP-T
JP-M
JP-B

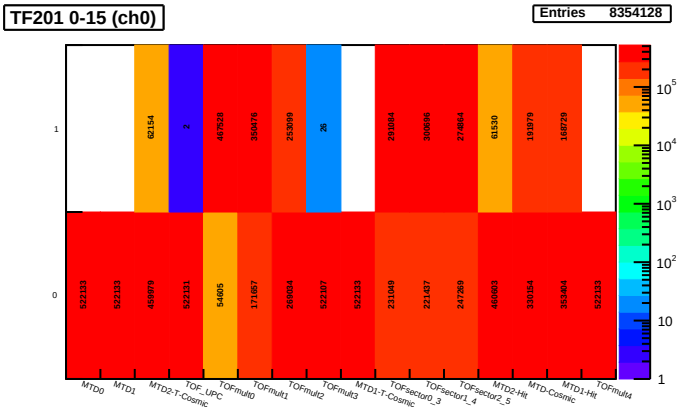

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

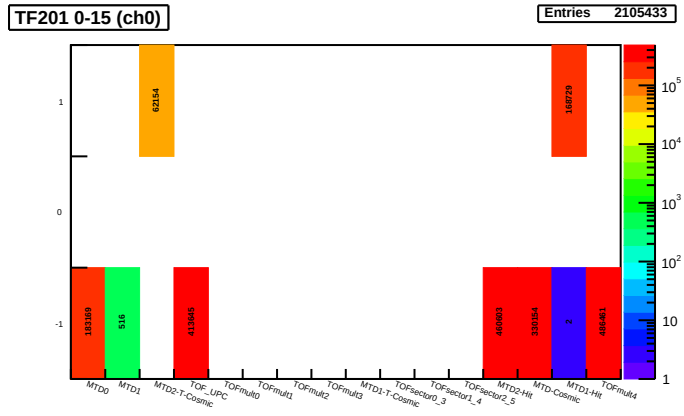

mFP201JP_FM103 large north
Entries 1566399
JP-T
JP-M
JP-B

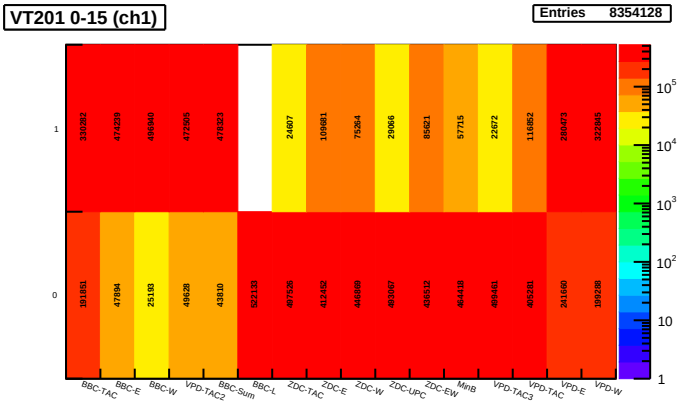

mFP201JPsim_FM103 large north
Entries 770067
JP-T
JP-M
JP-B

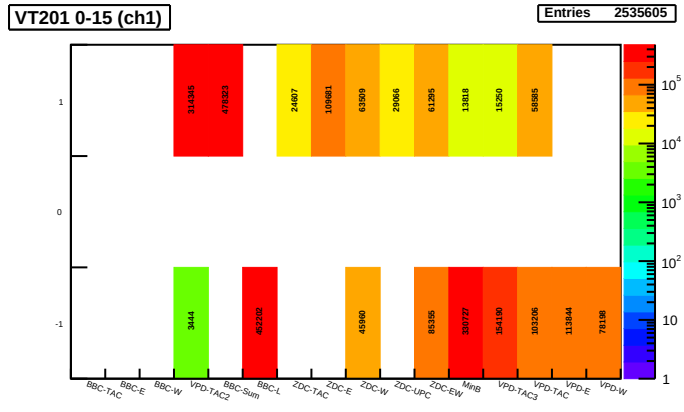

mFP201JP_FM104 large south
Entries 1566399
JP-T
JP-M
JP-B

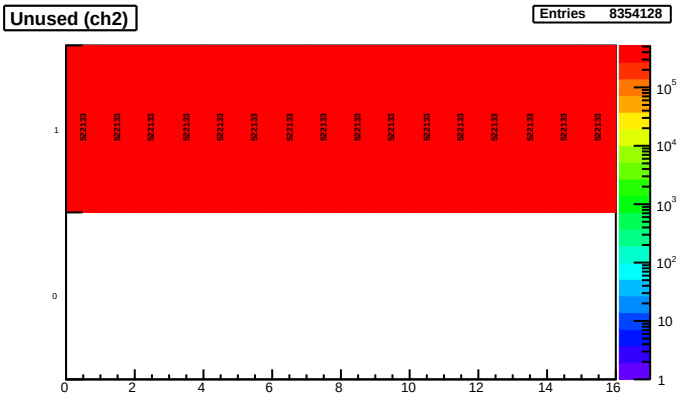

mFP201JPsim_FM104 large south
Entries 438487
JP-T
JP-M
JP-B

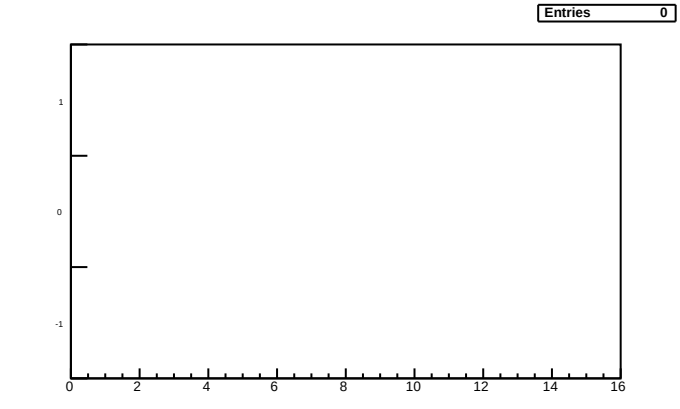

TF201 0-15 (ch0)
Entries 8354128
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

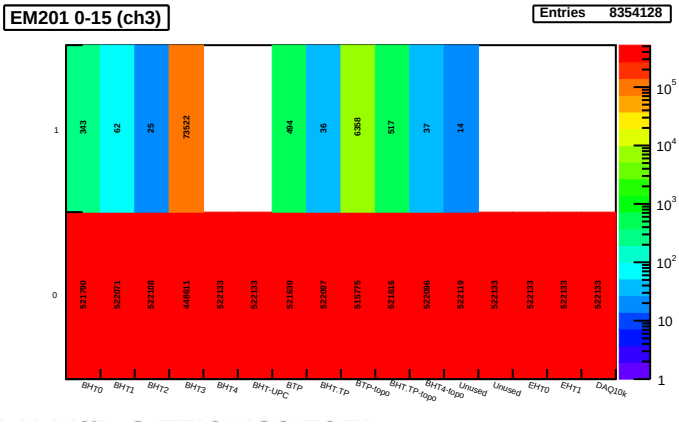

TF201 0-15 (ch0)
Entries 2105433
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

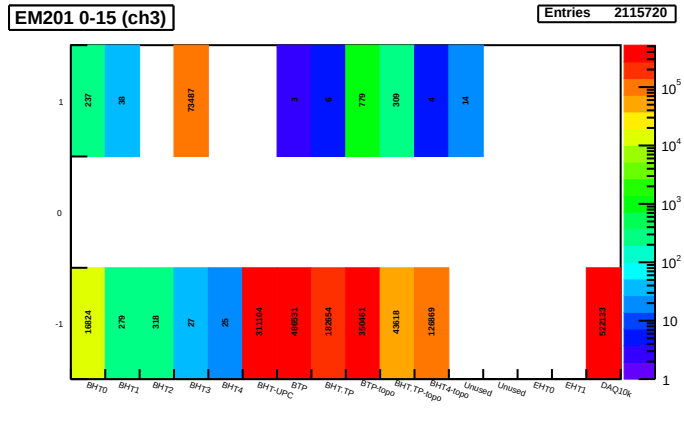

VT201 0-15 (ch1)
Entries 8354128
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

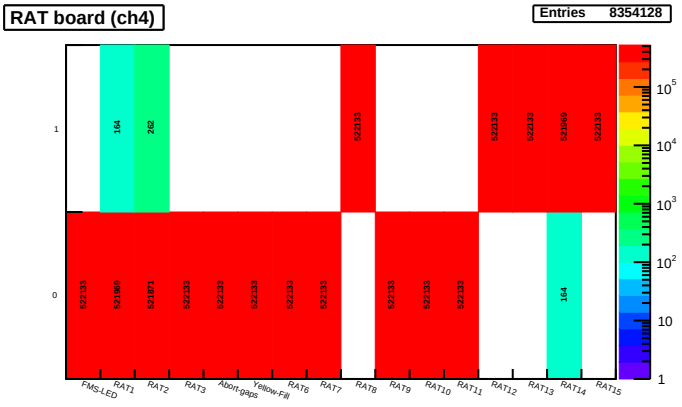

VT201 0-15 (ch1)
Entries 2535605
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

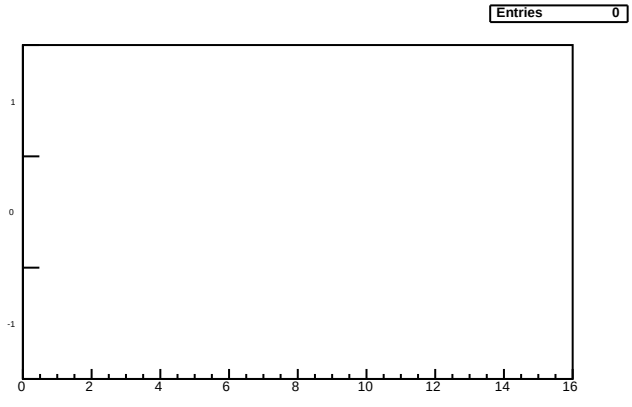

Unused (ch2)
Entries 8354128

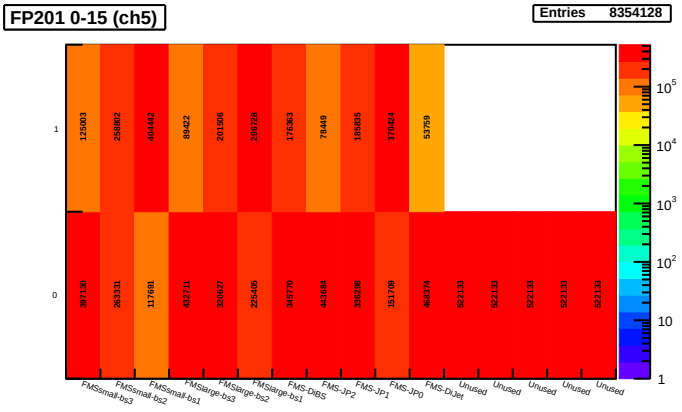

Entries 0

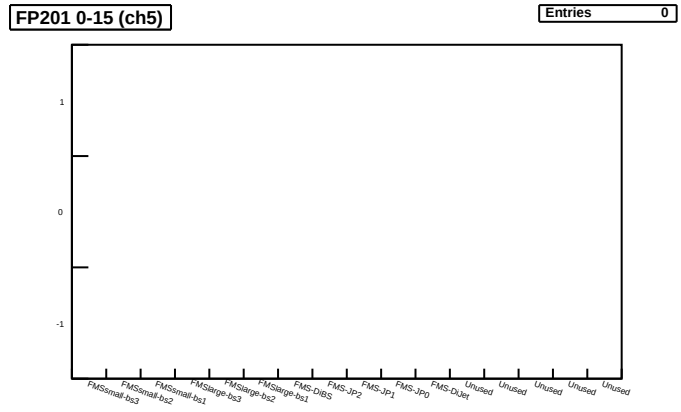

EM201 0-15 (ch3)
Entries 8354128
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

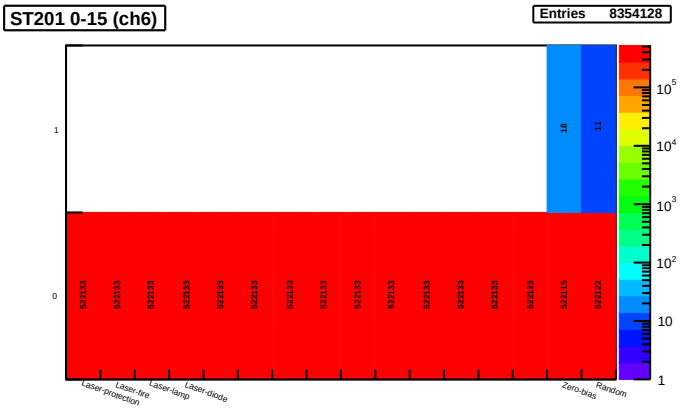

EM201 0-15 (ch3)
Entries 2115720
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

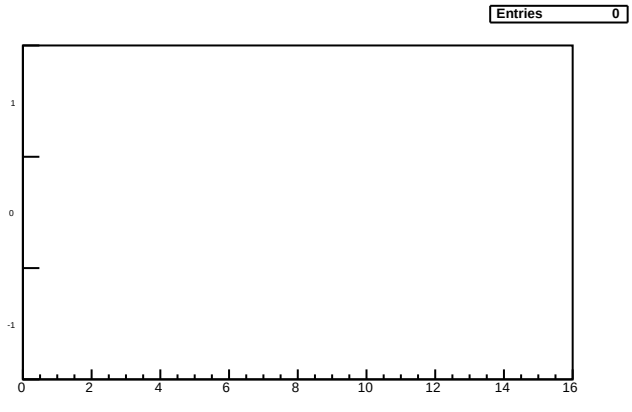

RAT board (ch4)
Entries 8354128
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

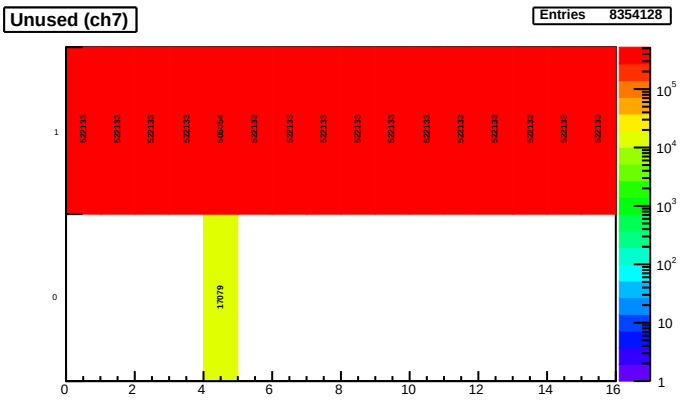

Entries 0

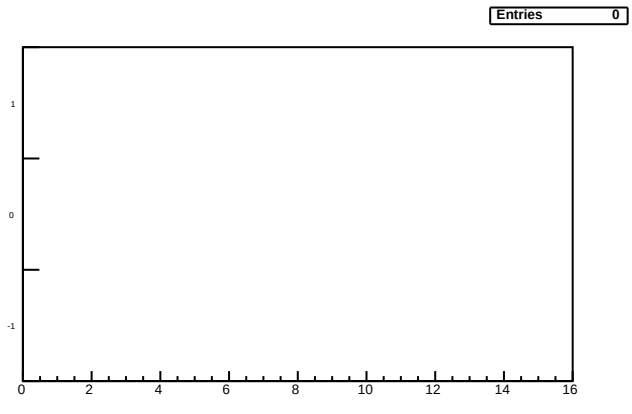

FP201 0-15 (ch5)
Entries 8354128
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 8354128
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 8354128


Entries 0