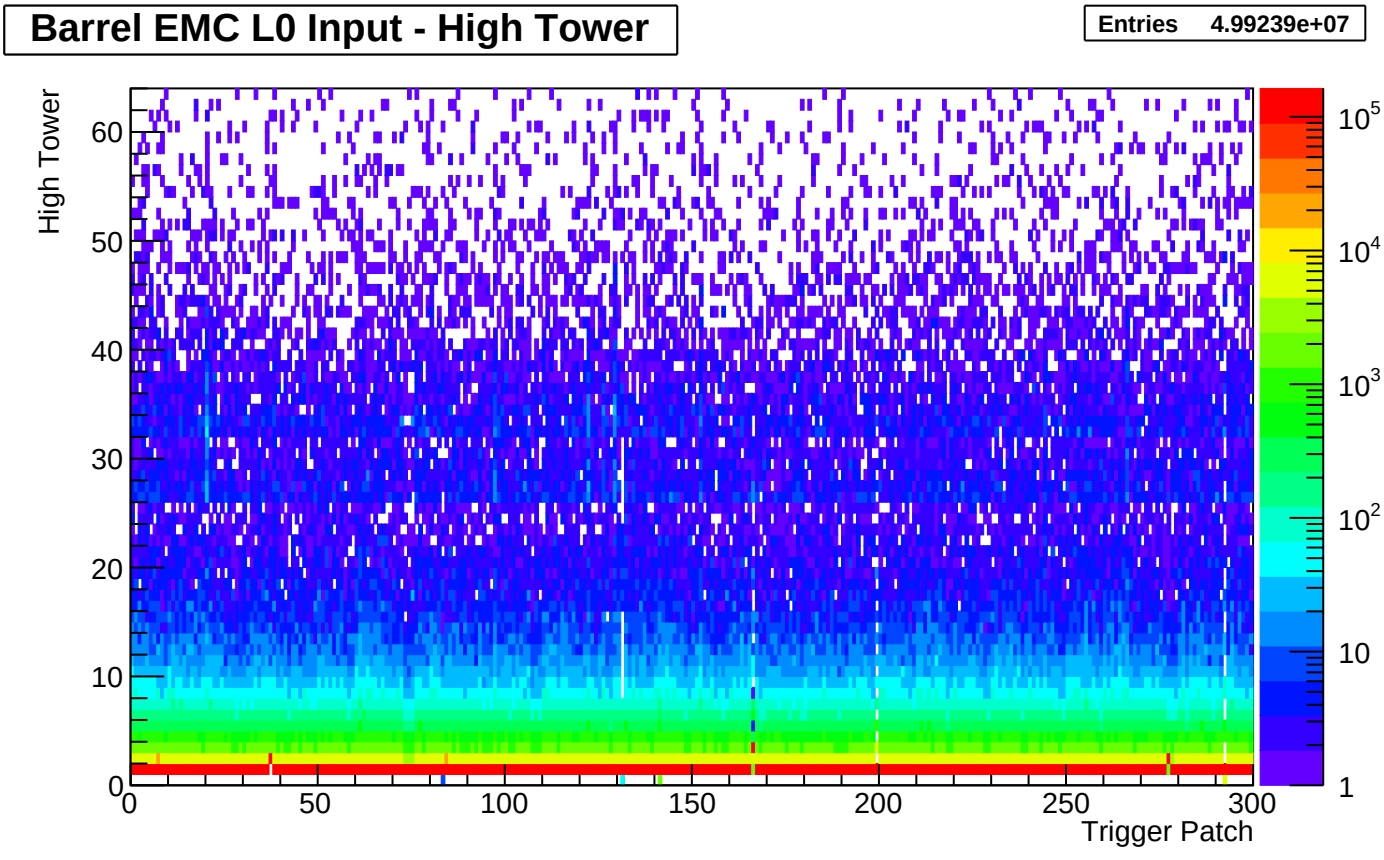
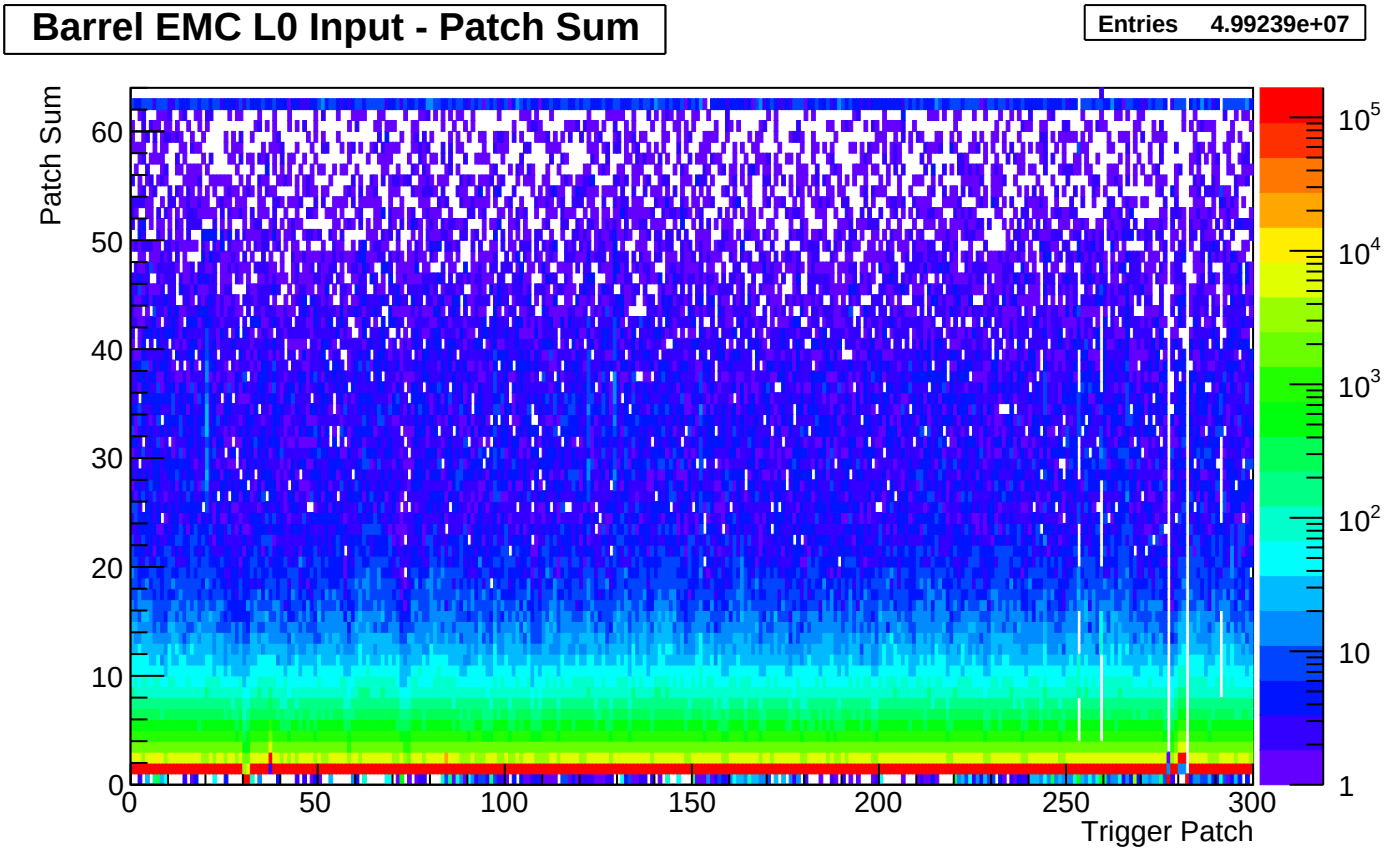
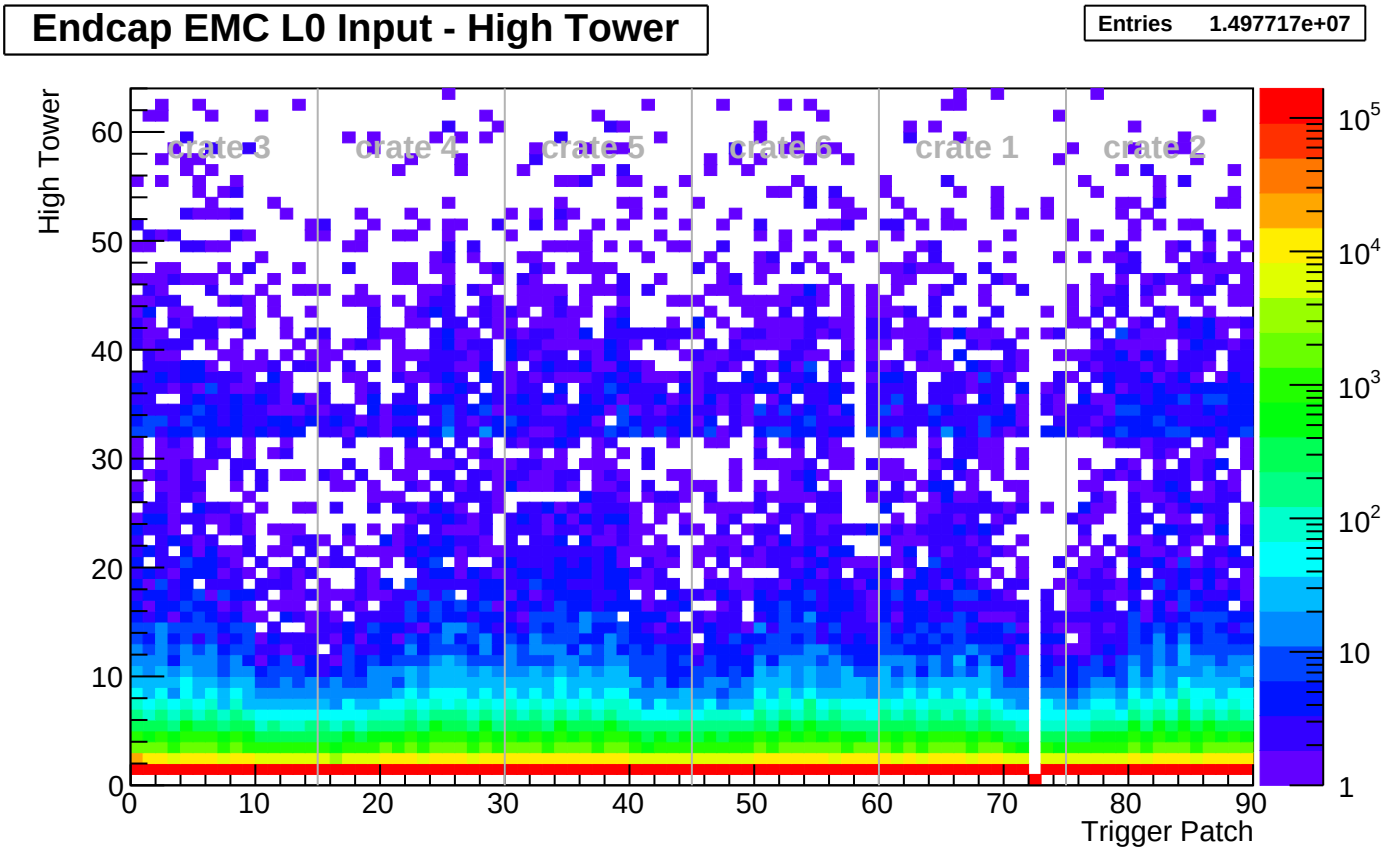
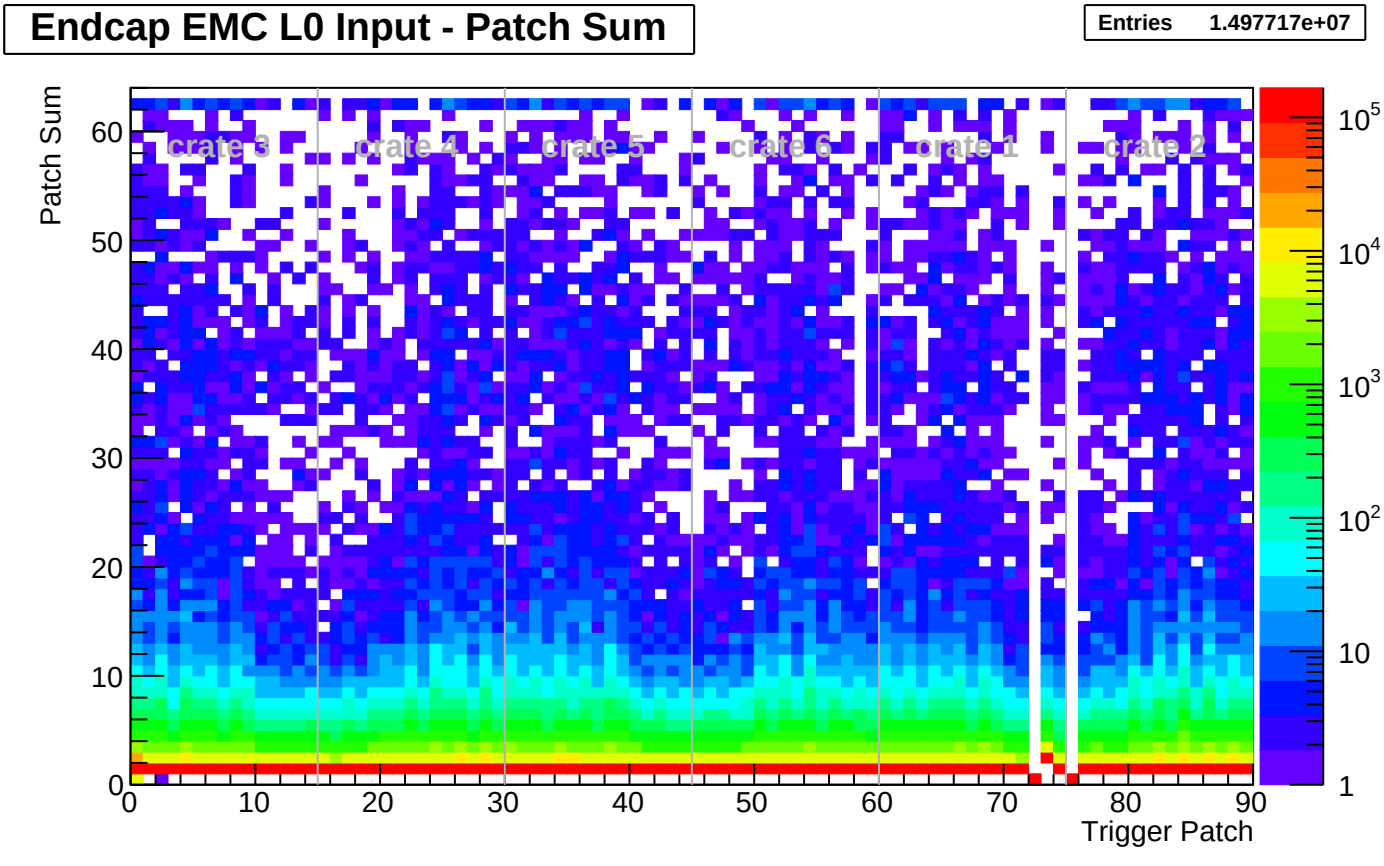
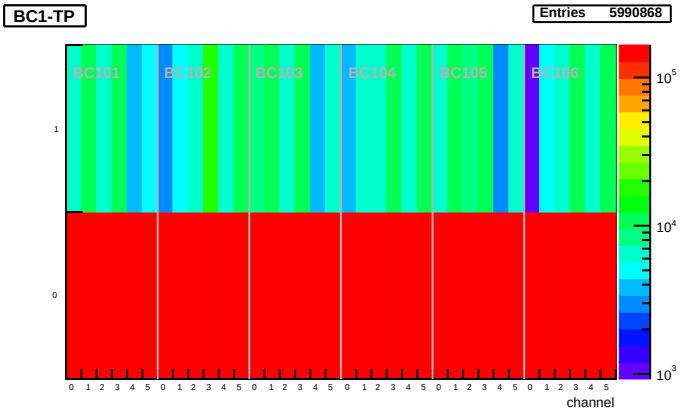
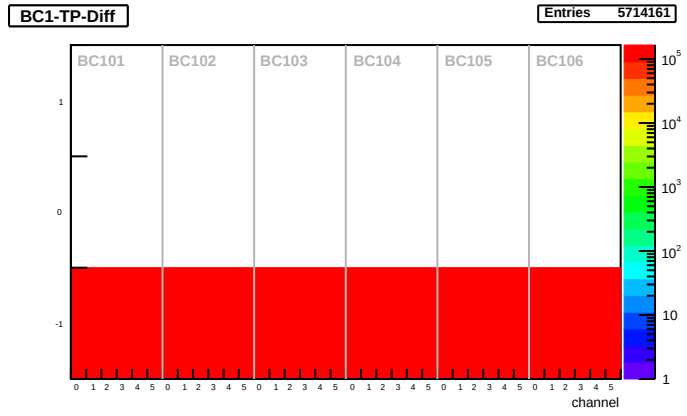

Barrel EMC L0 Input - High Tower
Entries 4.99239e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

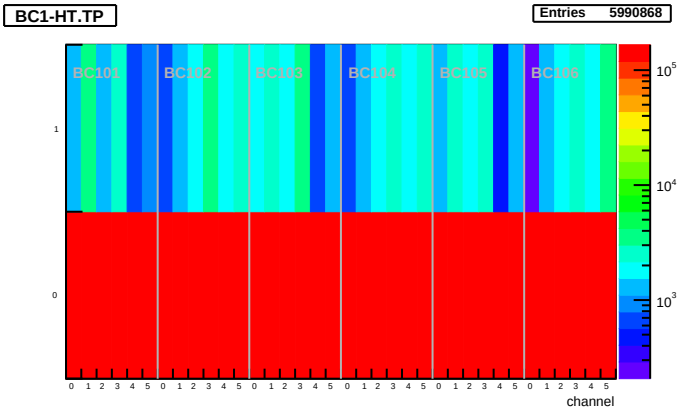

Barrel EMC L0 Input - Patch Sum
Entries 4.99239e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

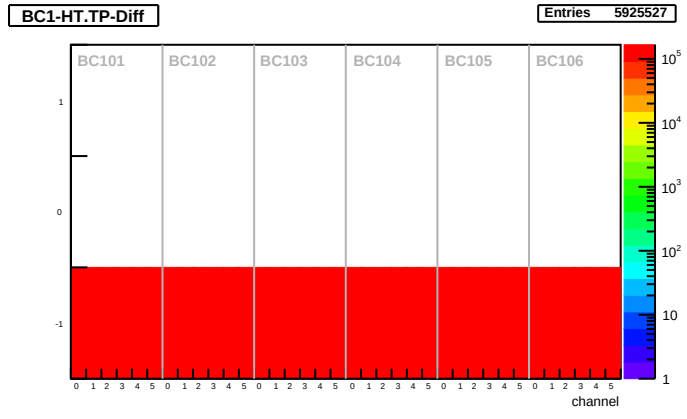

Endcap EMC L0 Input - High Tower
Entries 1.497717e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

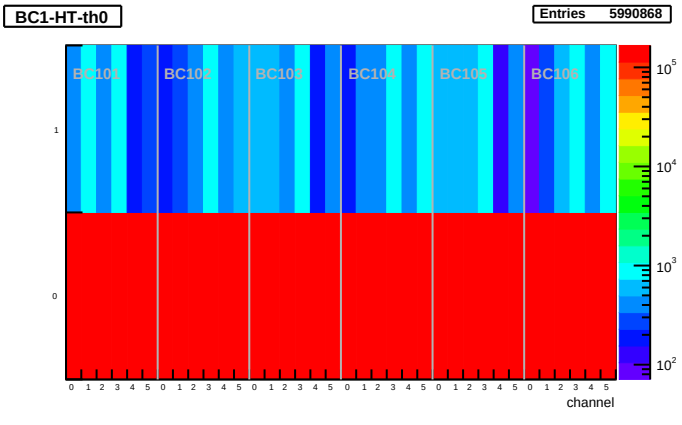

Endcap EMC L0 Input - Patch Sum
Entries 1.497717e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

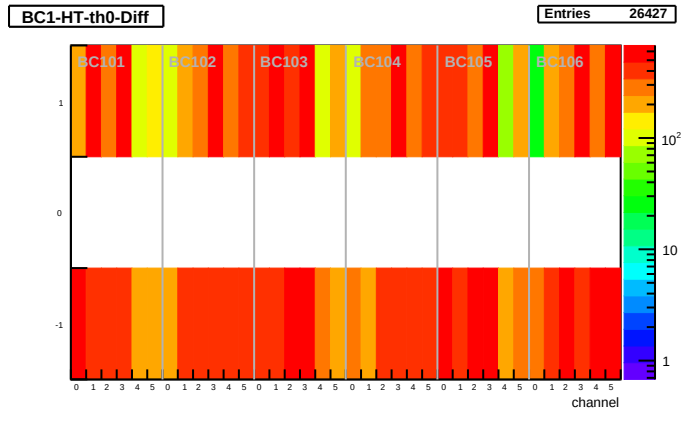

BC1-TP
Entries 5990868
BC101
BC102
BC103
BC104
BC105
BC106
channel

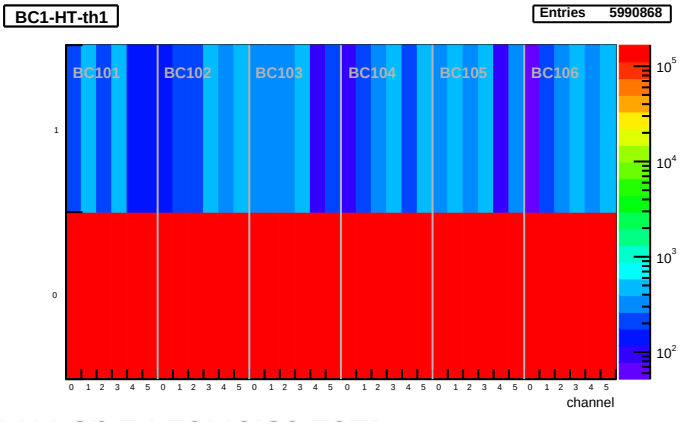

BC1-TP-Diff
Entries 5714161
BC101
BC102
BC103
BC104
BC105
BC106
channel

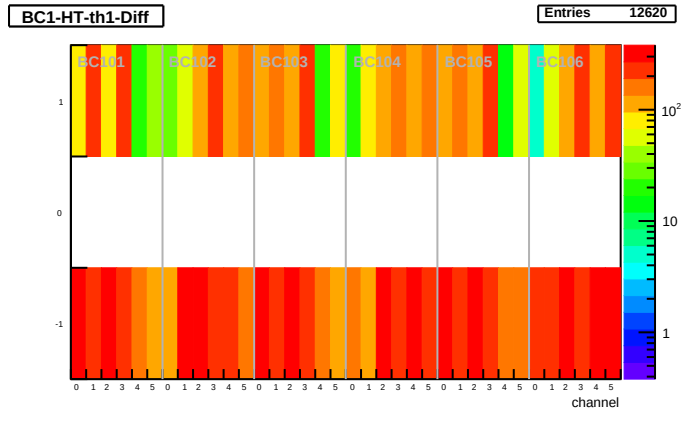

BC1-HT.TP
Entries 5990868
BC101
BC102
BC103
BC104
BC105
BC106
channel

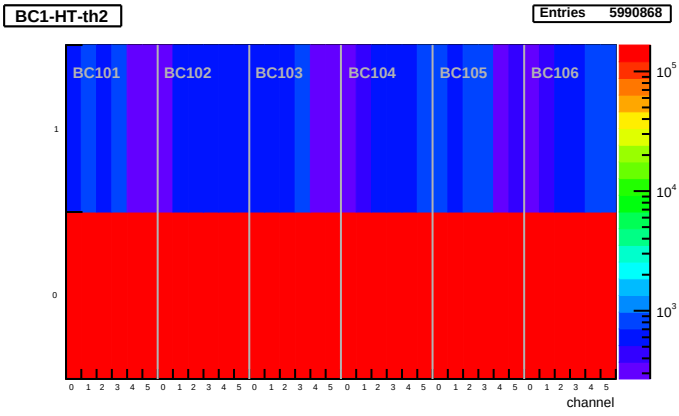

BC1-HT.TP-Diff
Entries 5925527
BC101
BC102
BC103
BC104
BC105
BC106
channel

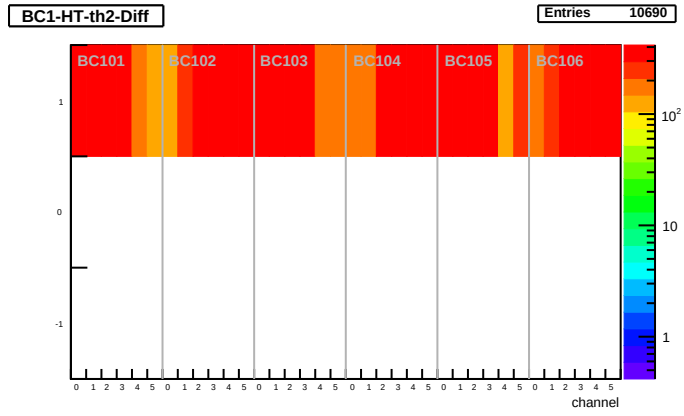

BC1-HT-th0
Entries 5990868
BC101
BC102
BC103
BC104
BC105
BC106
channel

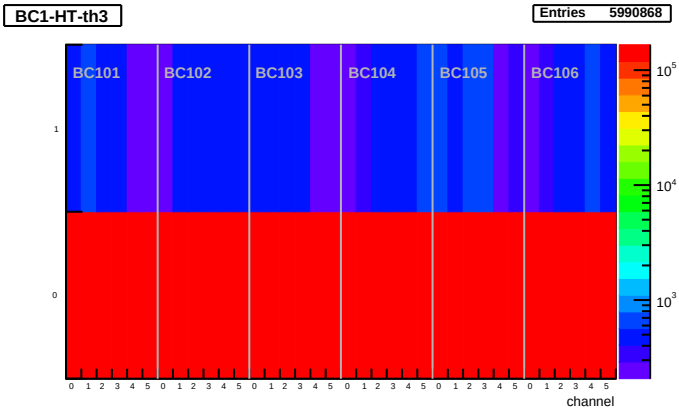

BC1-HT-th0-Diff
Entries 26427
BC101
BC102
BC103
BC104
BC105
BC106
channel

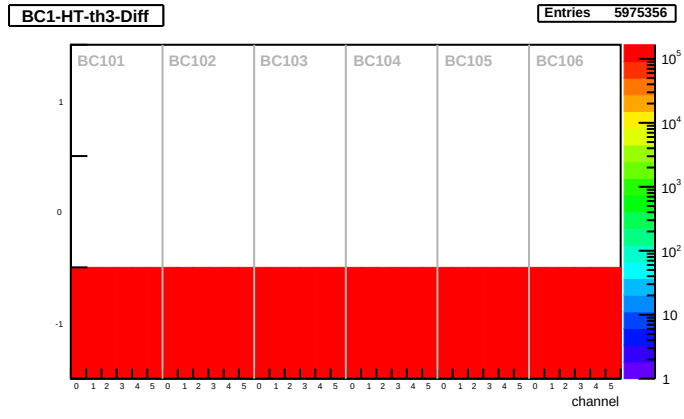

BC1-HT-th1
Entries 5990868
BC101
BC102
BC103
BC104
BC105
BC106
channel

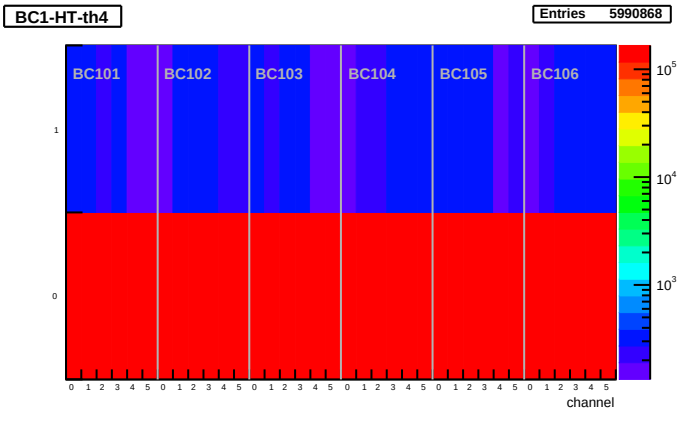

BC1-HT-th1-Diff
Entries 12620
BC101
BC102
BC103
BC104
BC105
BC106
channel

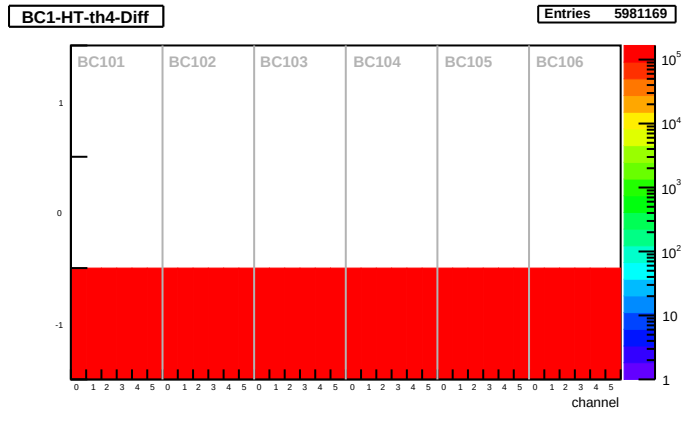

BC1-HT-th2
Entries 5990868
BC101
BC102
BC103
BC104
BC105
BC106
channel

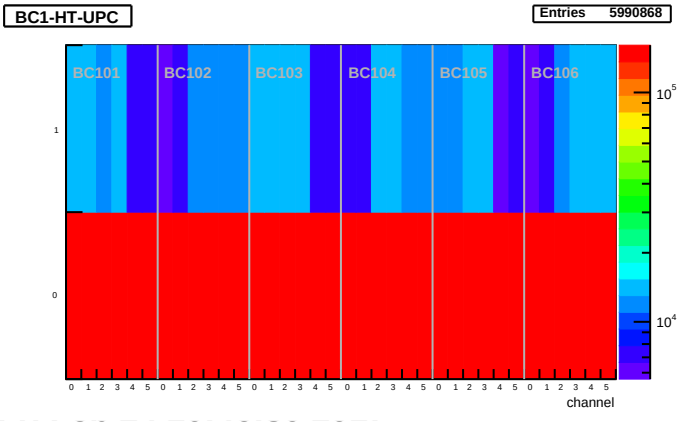

BC1-HT-th2-Diff
Entries 10690
BC101
BC102
BC103
BC104
BC105
BC106
channel

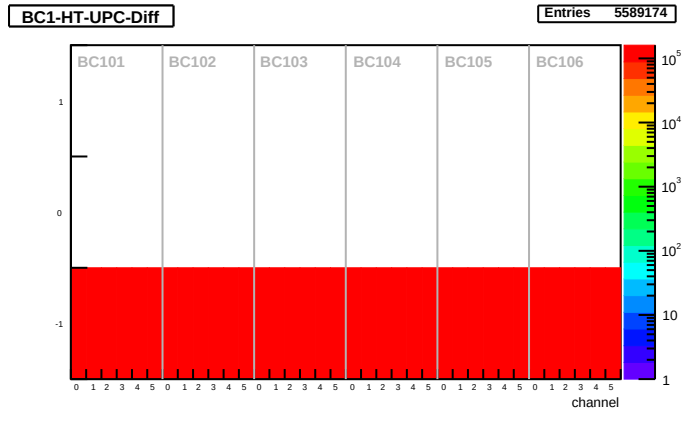

BC1-HT-th3
Entries 5990868
BC101
BC102
BC103
BC104
BC105
BC106
channel

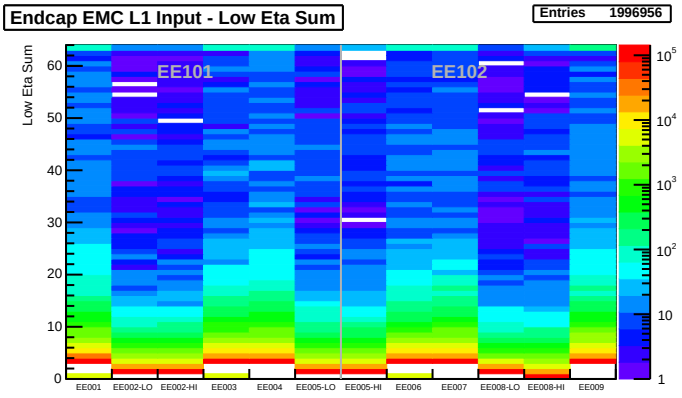

BC1-HT-th3-Diff
Entries 5975356
BC101
BC102
BC103
BC104
BC105
BC106
channel

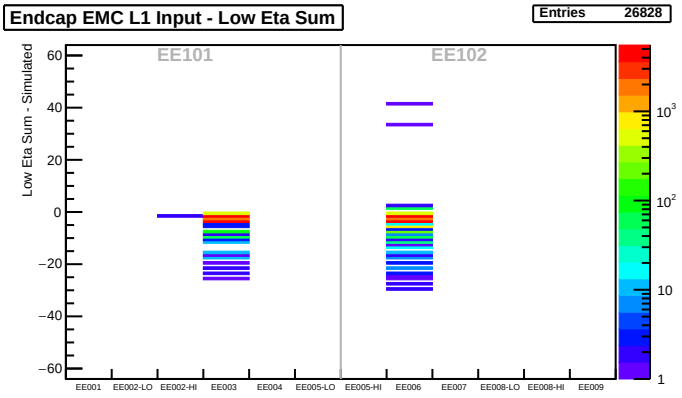

BC1-HT-th4
Entries 5990868
BC101
BC102
BC103
BC104
BC105
BC106
channel

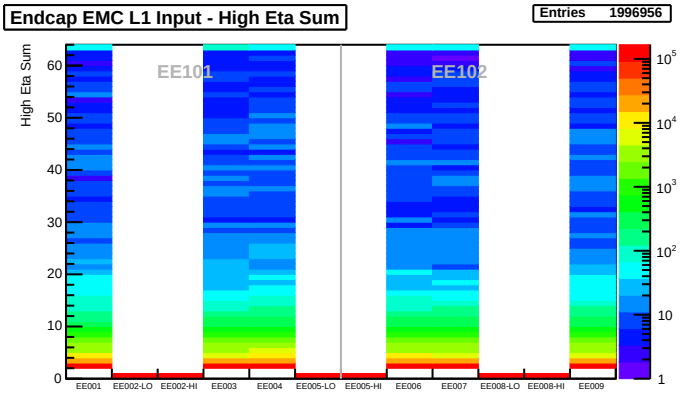

BC1-HT-th4-Diff
Entries 5981169
BC101
BC102
BC103
BC104
BC105
BC106
channel

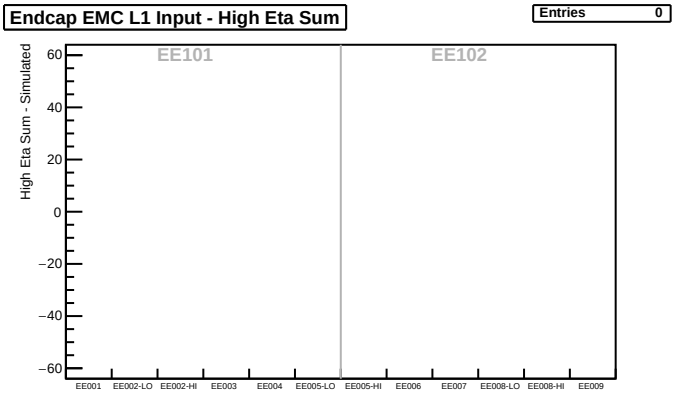

BC1-HT-UPC
Entries 5990868
BC101
BC102
BC103
BC104
BC105
BC106
channel

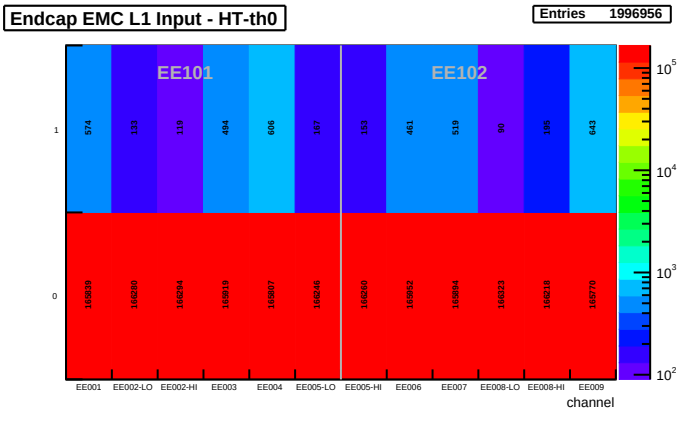

BC1-HT-UPC-Diff
Entries 5589174
BC101
BC102
BC103
BC104
BC105
BC106
channel

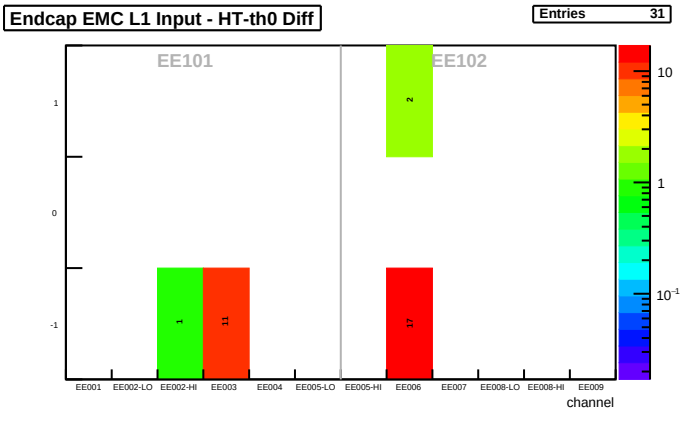

Endcap EMC L1 Input - Low Eta Sum
Entries 1996956
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

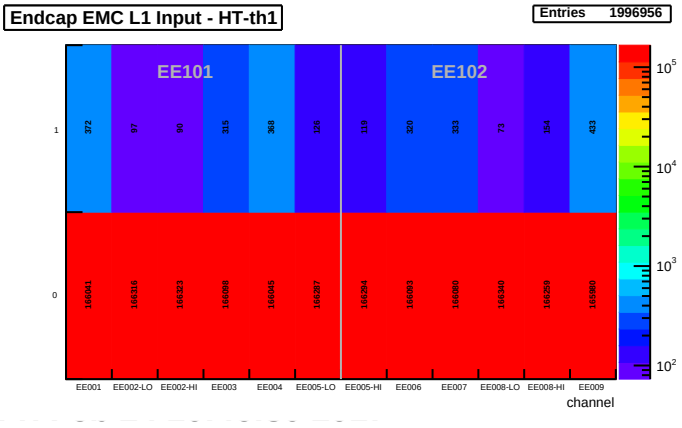

Endcap EMC L1 Input - Low Eta Sum
Entries 26828
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

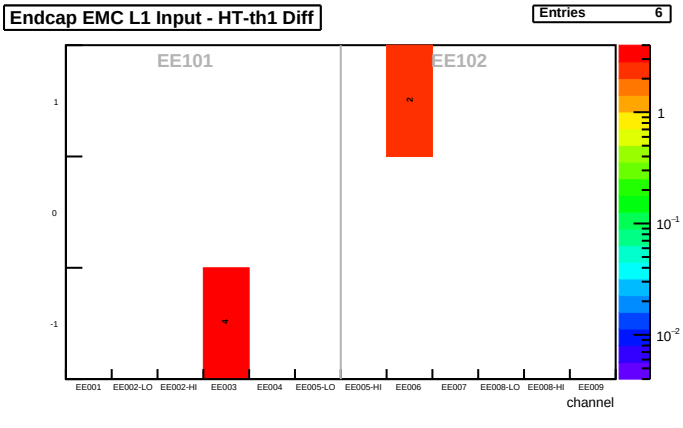

Endcap EMC L1 Input - High Eta Sum
Entries 1996956
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

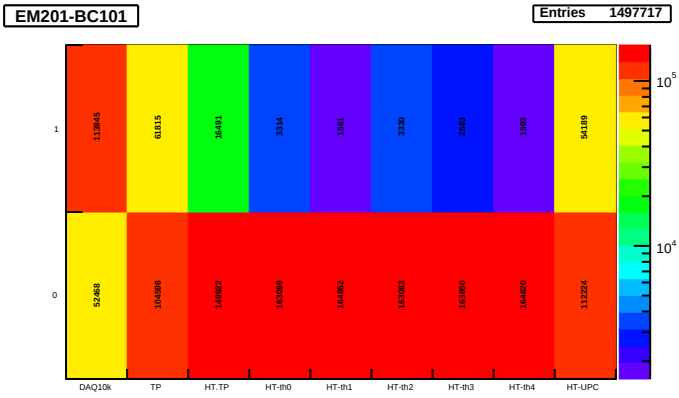

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

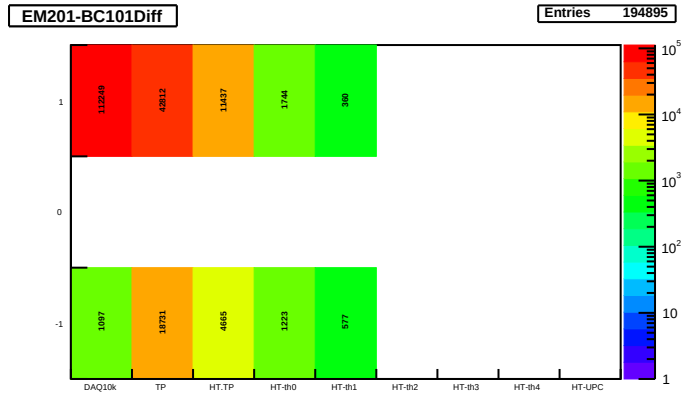

Endcap EMC L1 Input - HT-th0
Entries 1996956
EE101
EE102
574 133 119 494 606 167 153 461 519 90 195 643
166339 166280 166294 166919 166907 166246 166290 166952 166994 166323 166218 166770
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

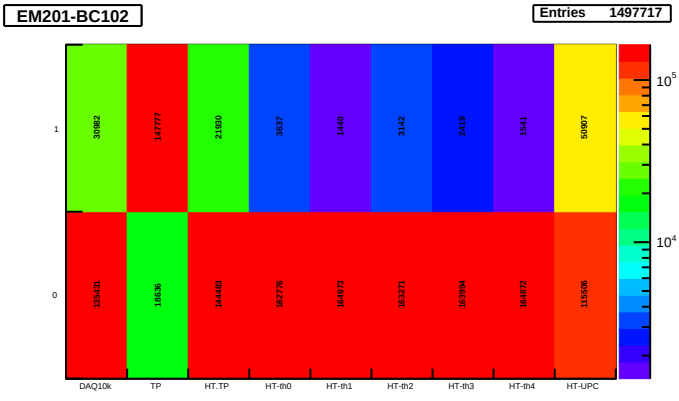

Endcap EMC L1 Input - HT-th0 Diff
Entries 31
EE101
EE102
1 11 2 17
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

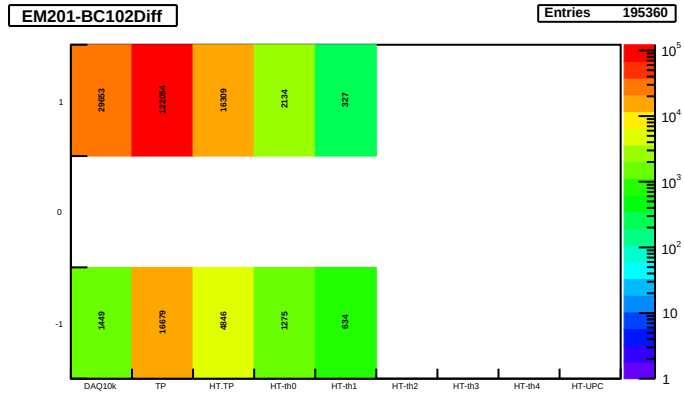

Endcap EMC L1 Input - HT-th1
Entries 1996956
EE101
EE102
372 97 90 315 368 126 119 320 333 73 154 433
166041 166316 166323 166098 166045 166287 166294 166603 166680 166340 166259 166980
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

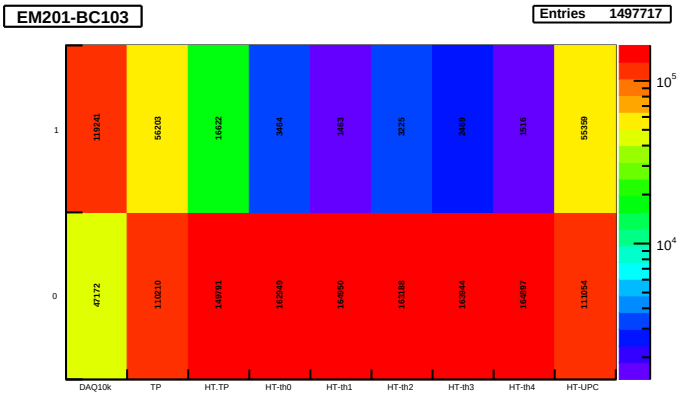

Endcap EMC L1 Input - HT-th1 Diff
Entries 6
EE101
EE102
2 4
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

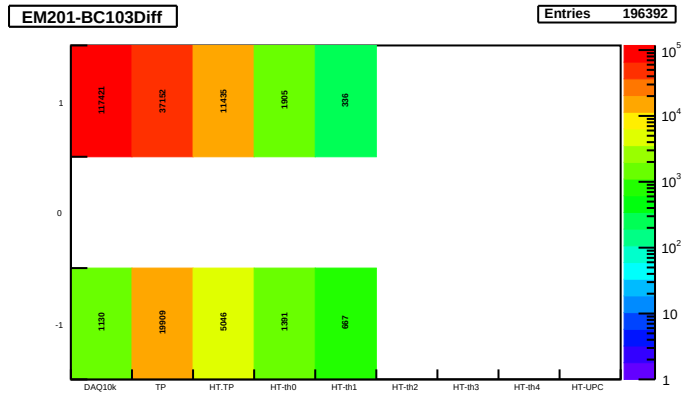

EM201-BC101
Entries 1497717
1
0
113945
61815
16491
3314
1501
3330
2563
1593
54189
52468
104598
149922
163099
164862
163083
163860
164820
112224
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4

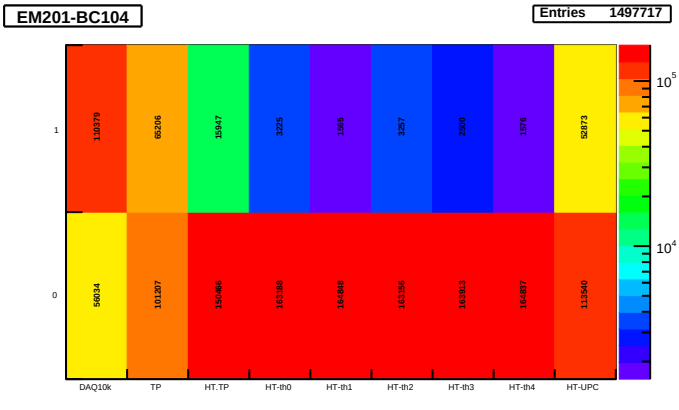

EM201-BC101Diff
Entries 194895
1
0
-1
112249
42812
11437
1744
360
1097
18721
4665
1223
577
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

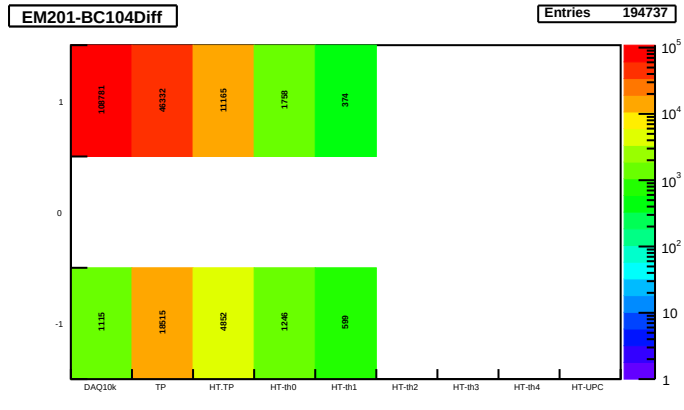

EM201-BC102
Entries 1497717
1
0
30862
147777
21930
3837
1440
3142
2419
1541
50907
135431
18636
144483
162776
164973
163271
163994
164872
115508
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC102Diff
Entries 195360
1
0
-1
29653
122054
16309
2134
327
1449
16679
4846
1275
634
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

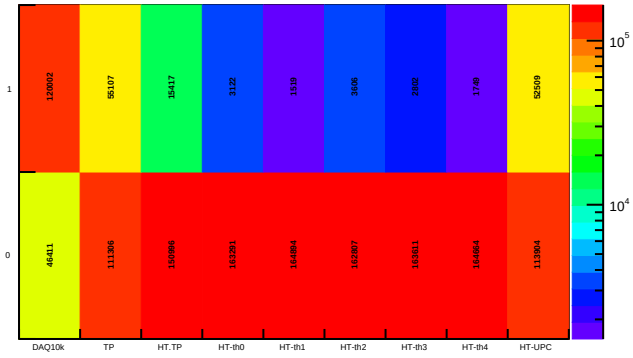

EM201-BC103
Entries 1497717
1
0
119241
56203
16622
3464
1463
3225
2459
1516
55399
47172
110210
149731
162949
164950
163188
163944
164897
113054
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC103Diff
Entries 196392
1
0
-1
117421
37152
11435
1905
336
1130
19909
5046
1391
667
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

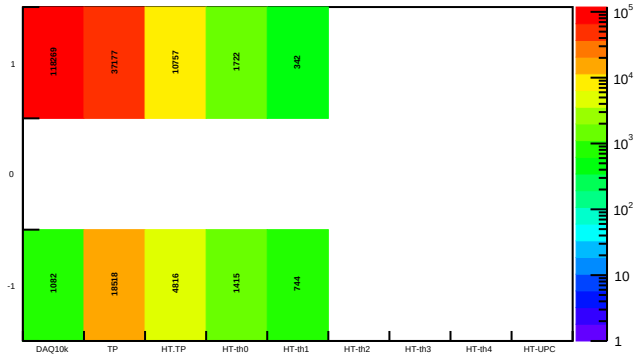

EM201-BC104
Entries 1497717
1
0
110379
65206
15947
3225
1565
3257
2500
1576
52873
56034
101507
150466
163388
164848
163156
163913
164837
113540
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC104Diff
Entries 194737
1
0
-1
103781
46332
11165
1798
374
1115
18515
4852
1246
599
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

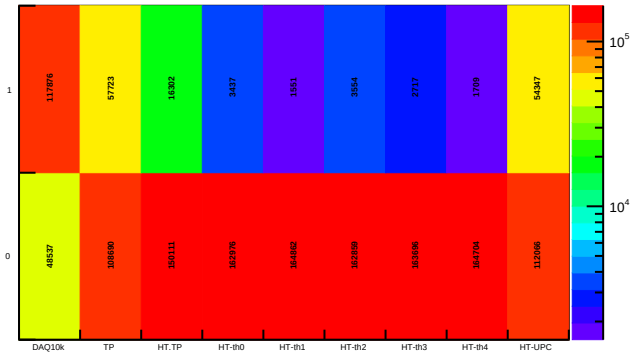
EM201-BC105 Entries 1497717



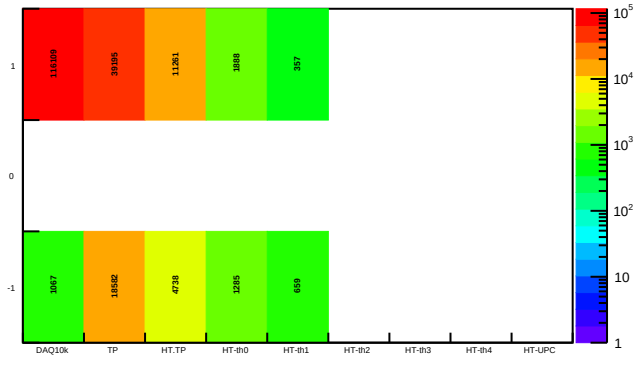
EM201-BC105Diff Entries 194842



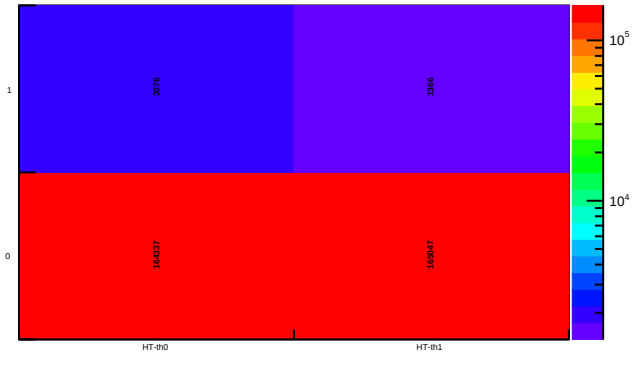
EM201-BC106 Entries 1497717



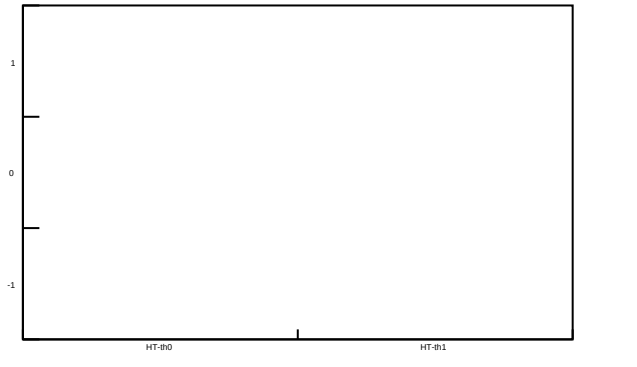
EM201-BC106Diff Entries 195141



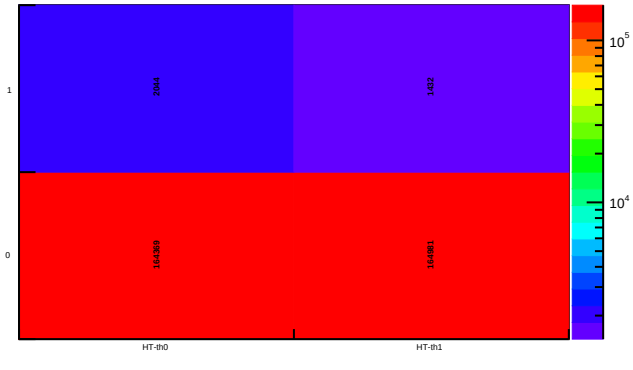
EM201-EE101 Entries 332826



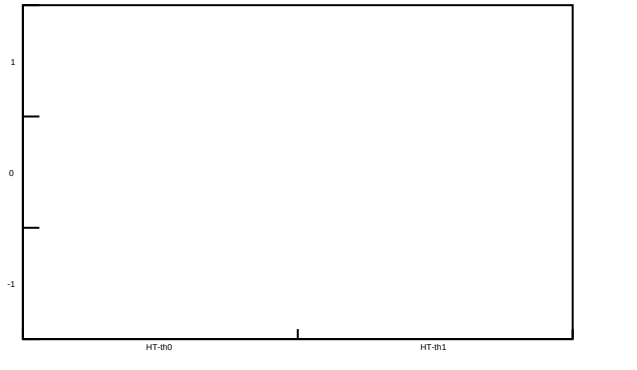
EM201-EE101Diff Entries 0

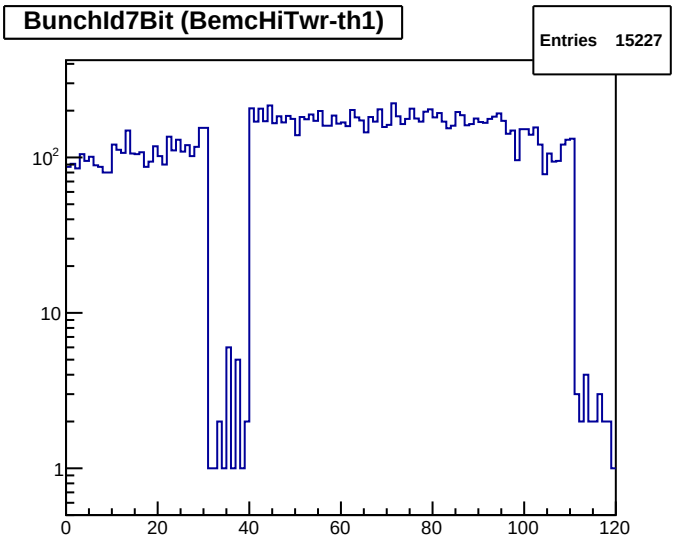


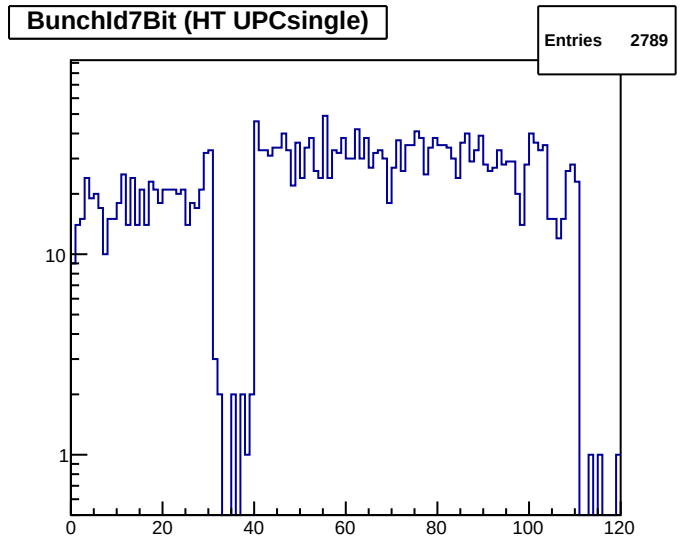
EM201-EE102 Entries 332826

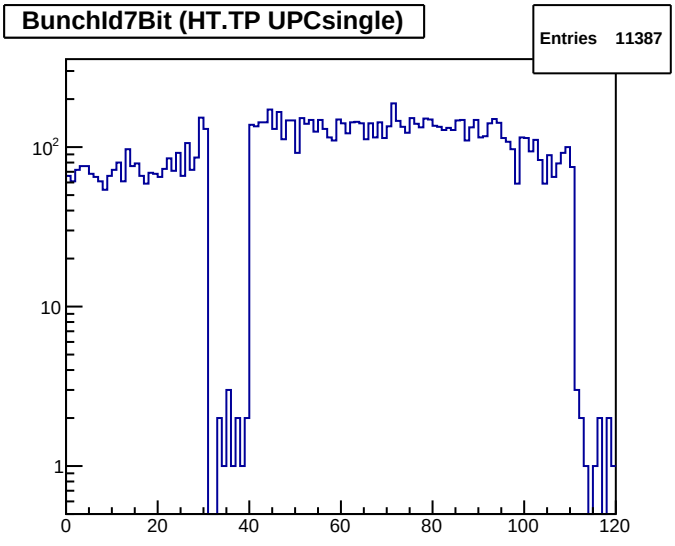


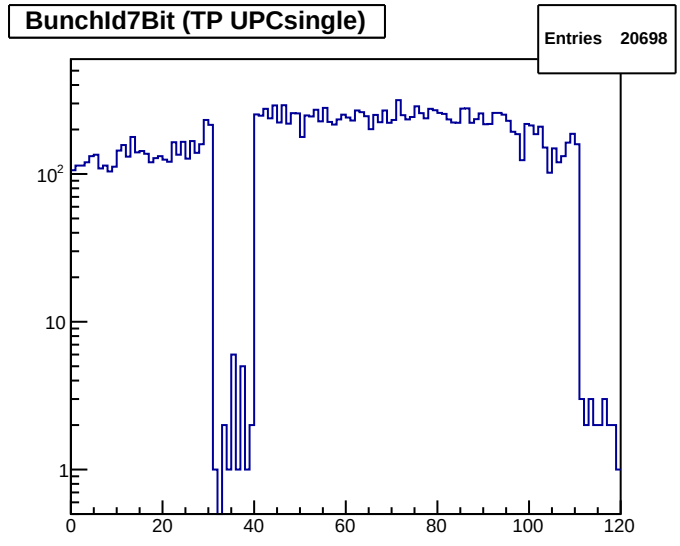
EM201-EE102Diff Entries 0

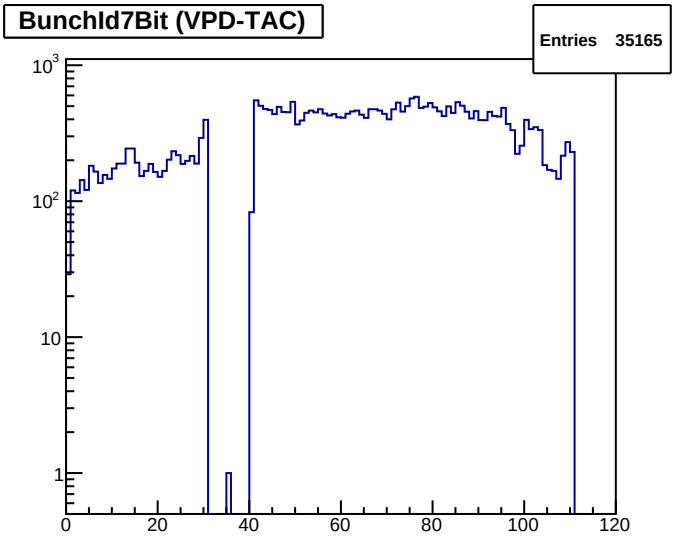


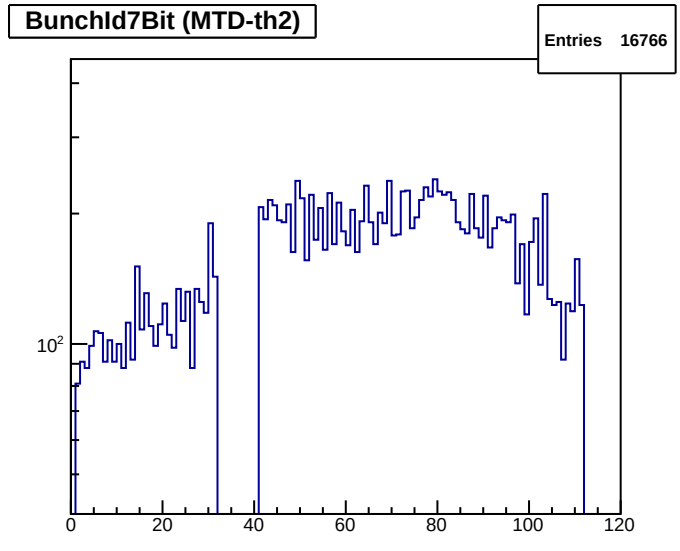

BunchId7Bit (BemcHiTwr-th1)
Entries 15227

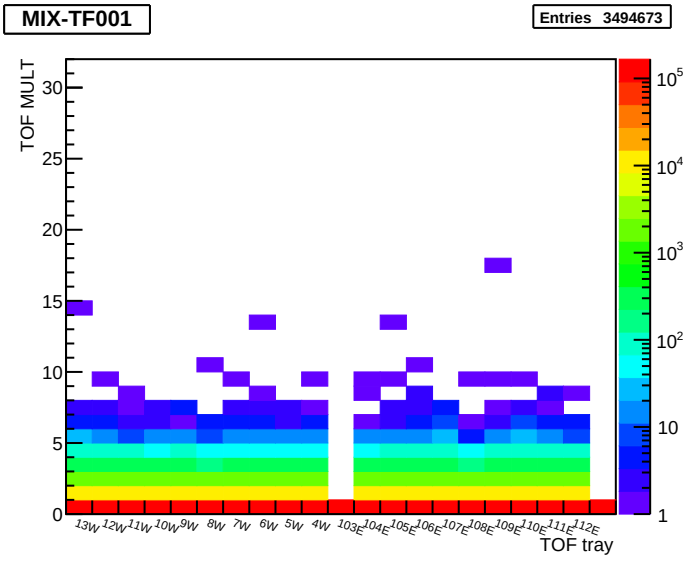

BunchId7Bit (HT UPCsingle)
Entries 2789

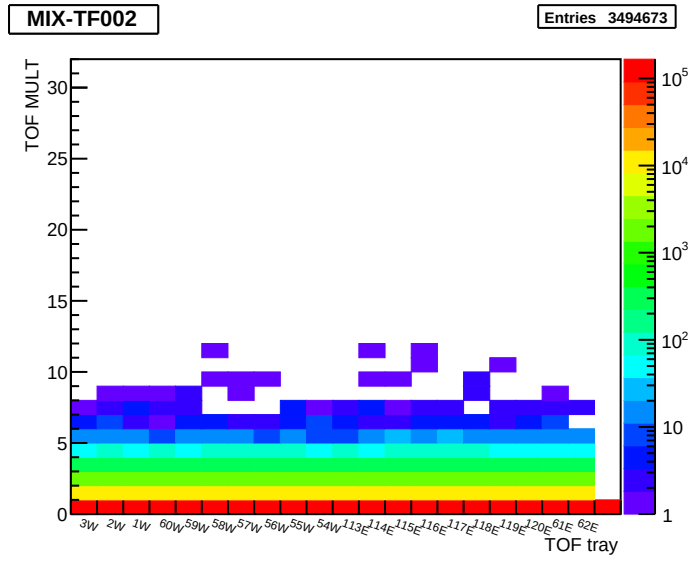

BunchId7Bit (HT.TP UPCsingle)
Entries 11387

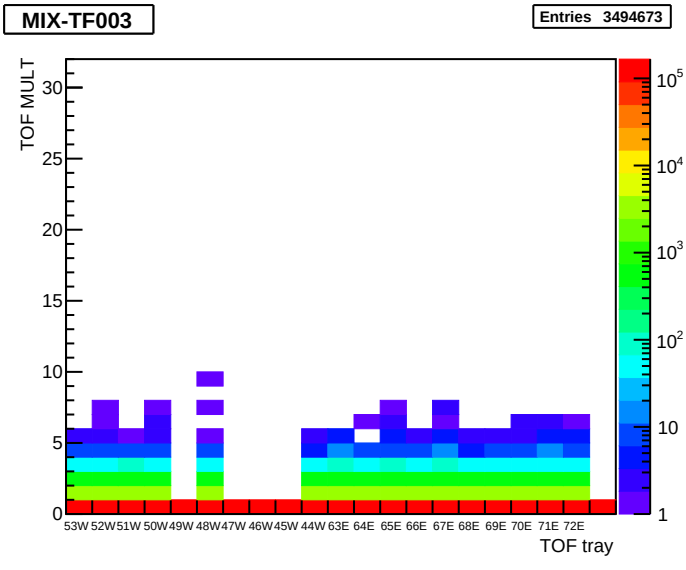

BunchId7Bit (TP UPCsingle)
Entries 20698

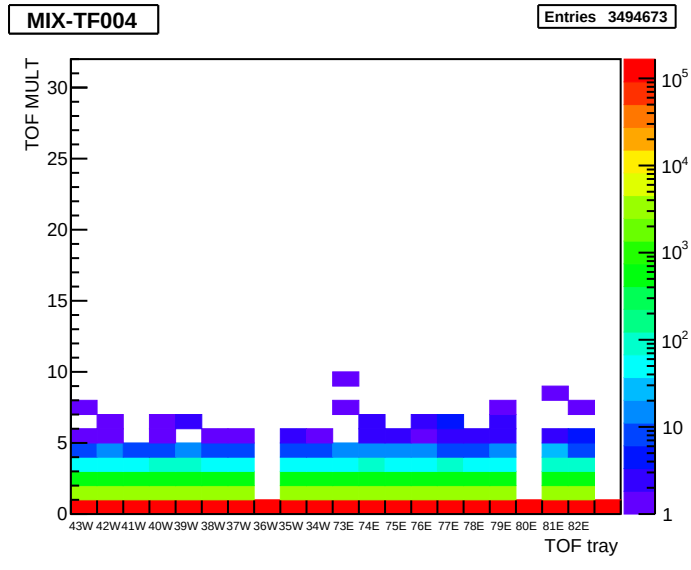

BunchId7Bit (VPD-TAC)
Entries 35165

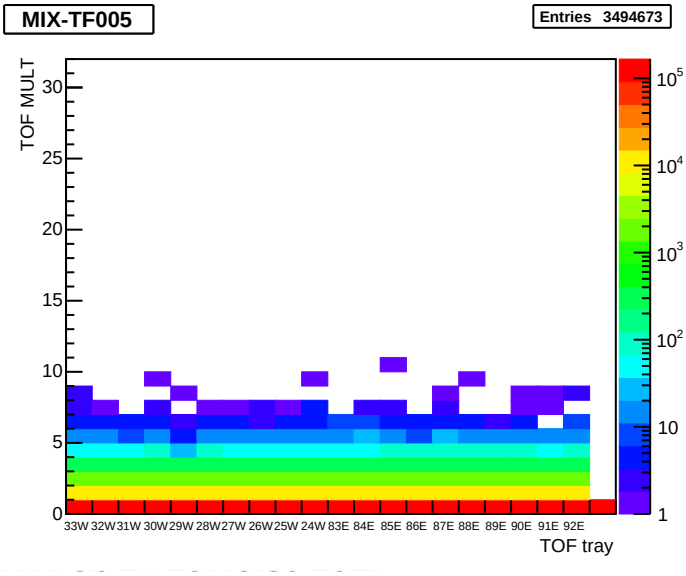

BunchId7Bit (MTD-th2)
Entries 16766

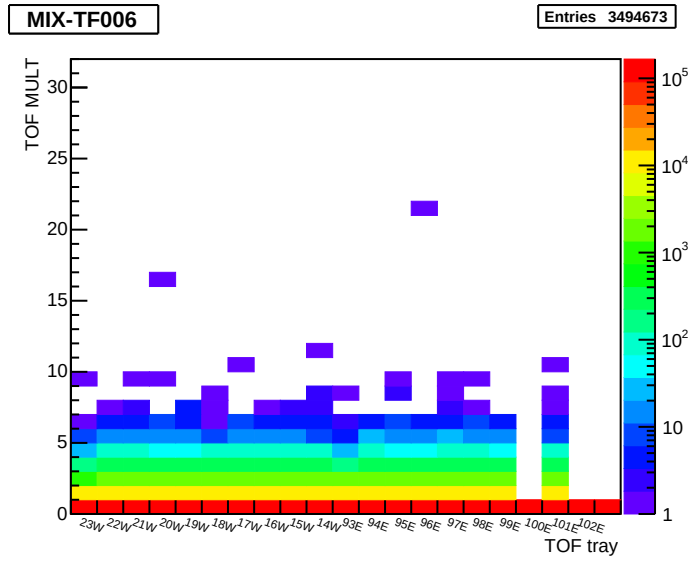

MIX-TF001
Entries 3494673
TOF MULT
TOF tray

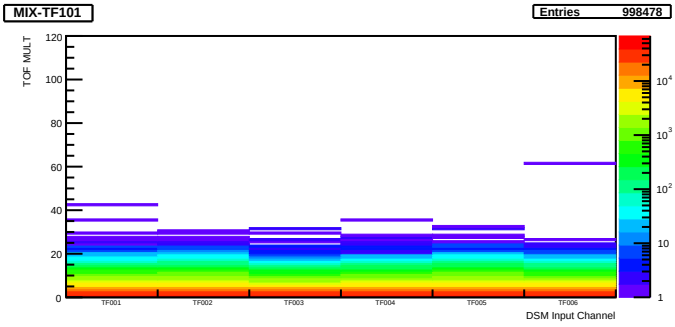

MIX-TF002
Entries 3494673
TOF MULT
TOF tray

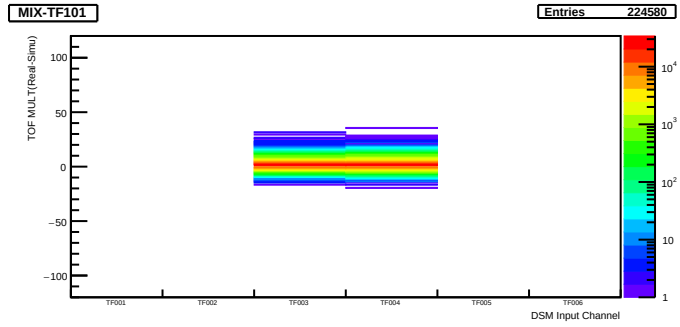

MIX-TF003
Entries 3494673
TOF MULT
TOF tray

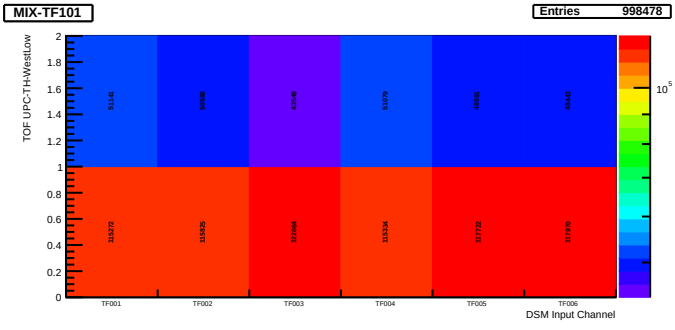

MIX-TF004
Entries 3494673
TOF MULT
TOF tray

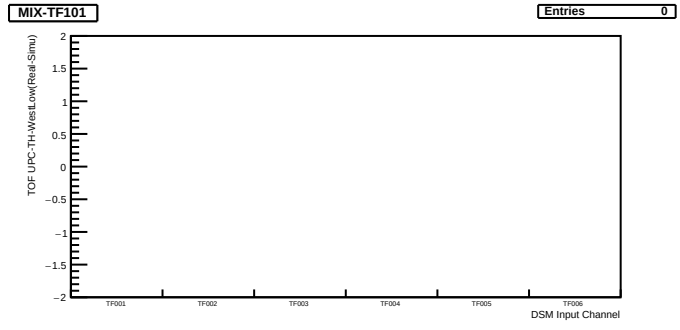

MIX-TF005
Entries 3494673
TOF MULT
TOF tray

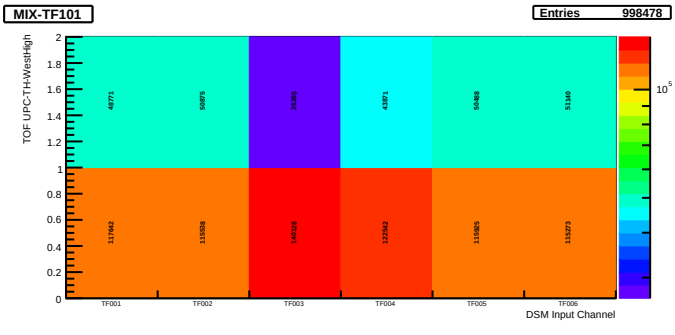

MIX-TF006
Entries 3494673
TOF MULT
TOF tray

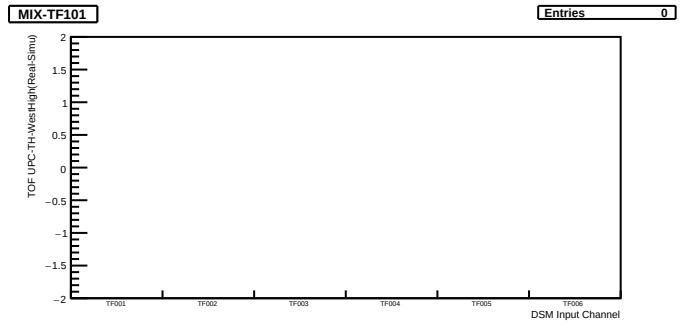

MIX-TF101
Entries 998478
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

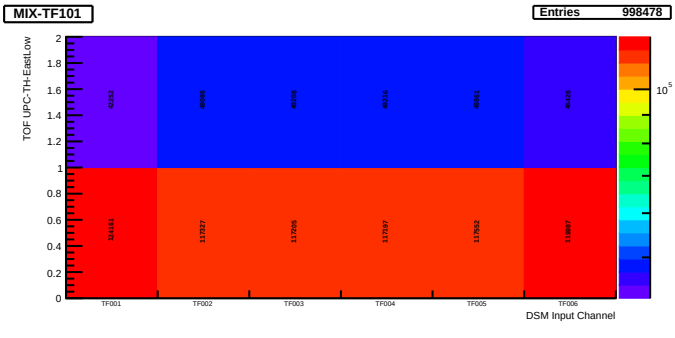

MIX-TF101
Entries 224580
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

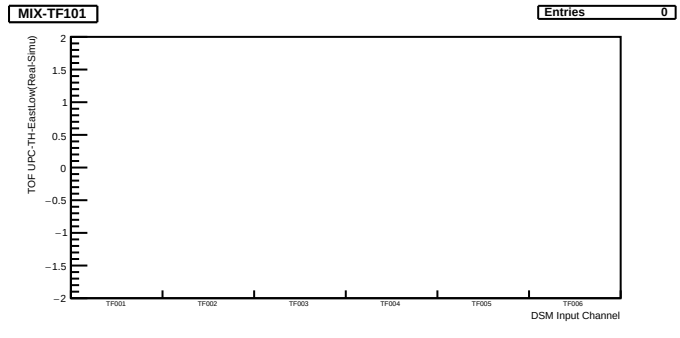

MIX-TF101
Entries 998478
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

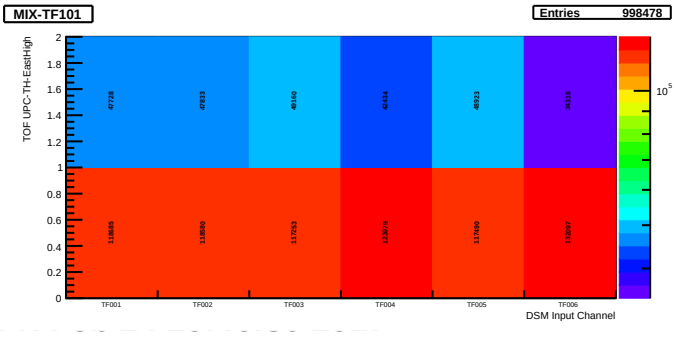

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

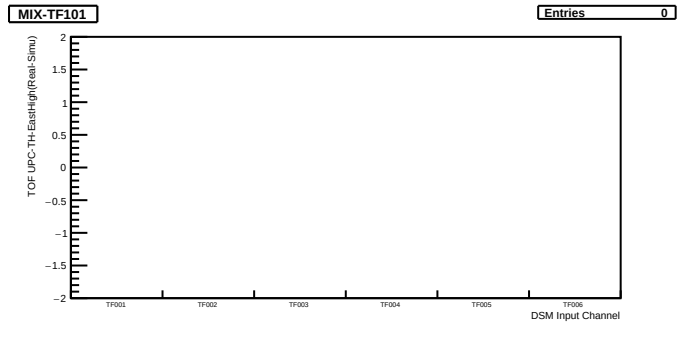

MIX-TF101
Entries 998478
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

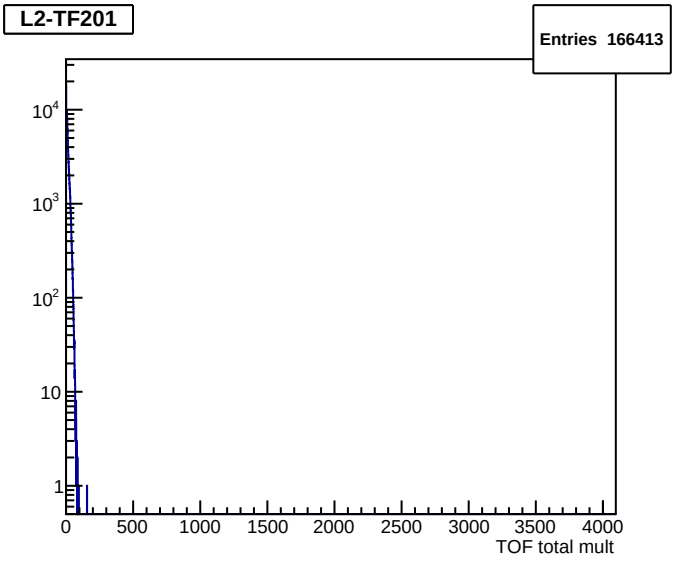

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

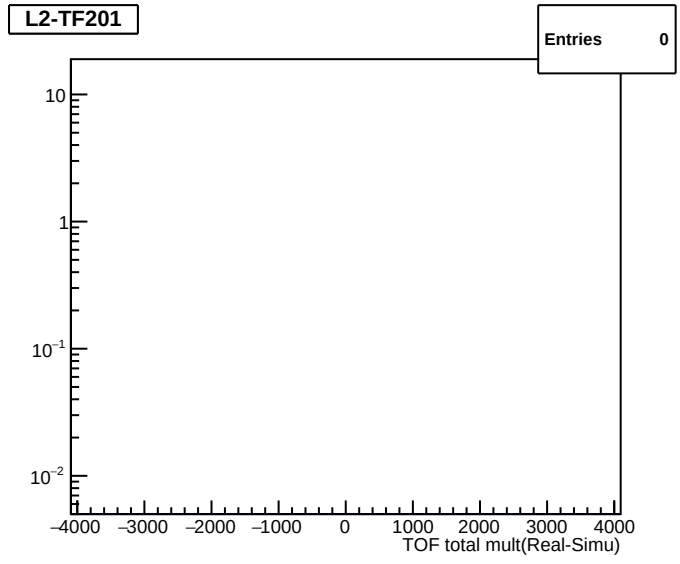

MIX-TF101
Entries 998478
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

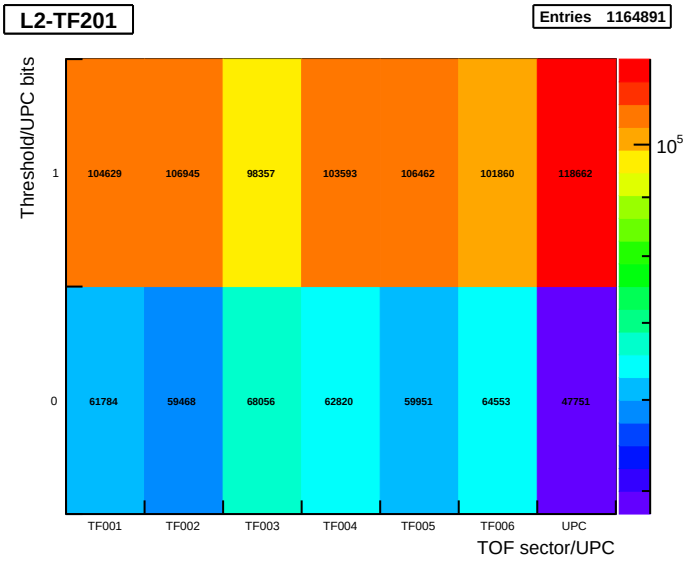

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

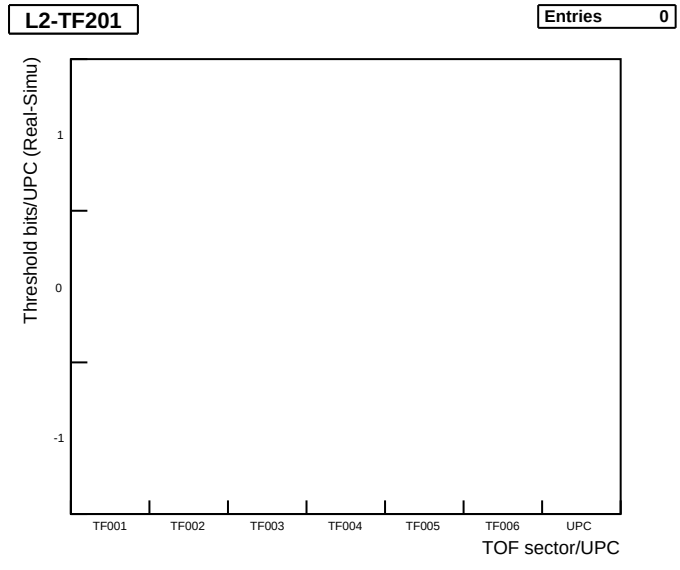

MIX-TF101
Entries 998478
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

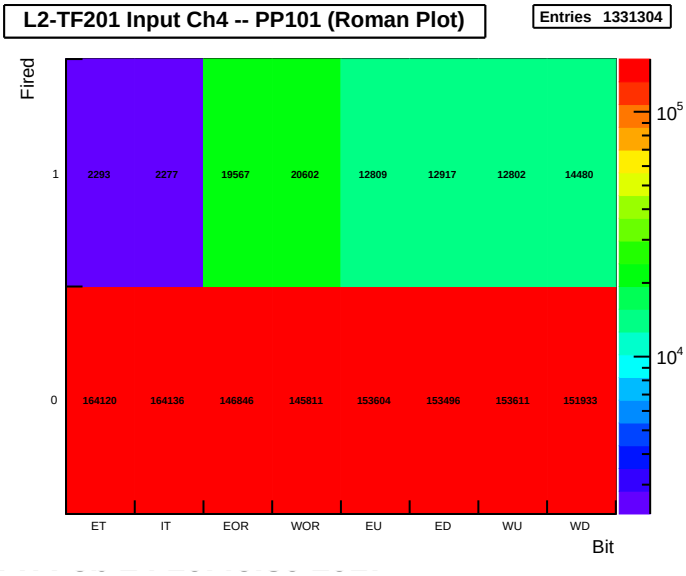

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

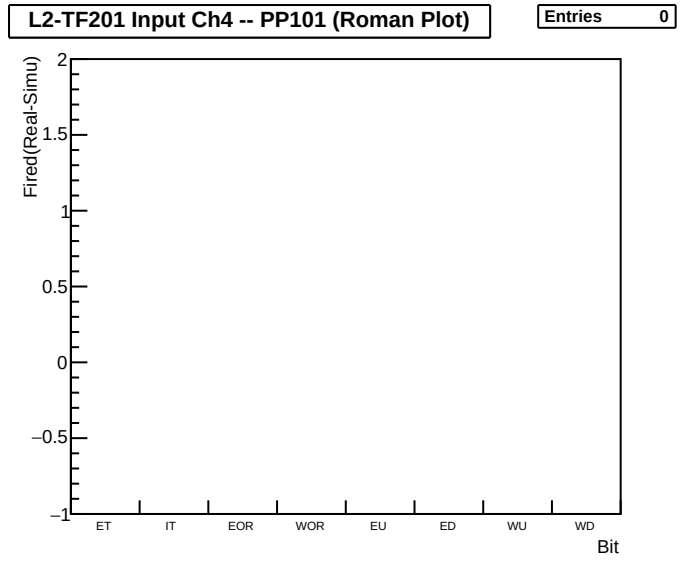

L2-TF201
Entries 166413
TOF total mult

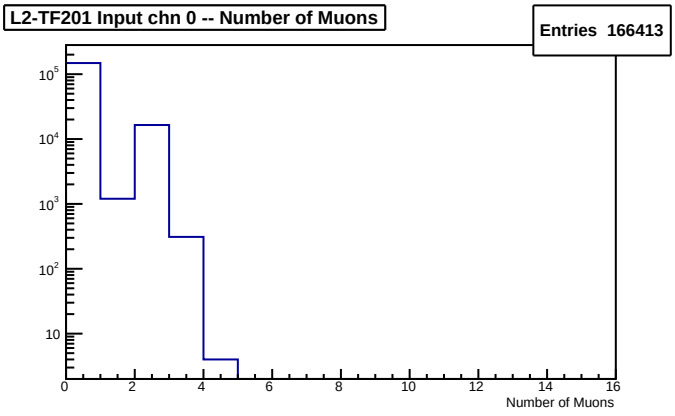

L2-TF201
Entries 0
TOF total mult(Real-Simu)

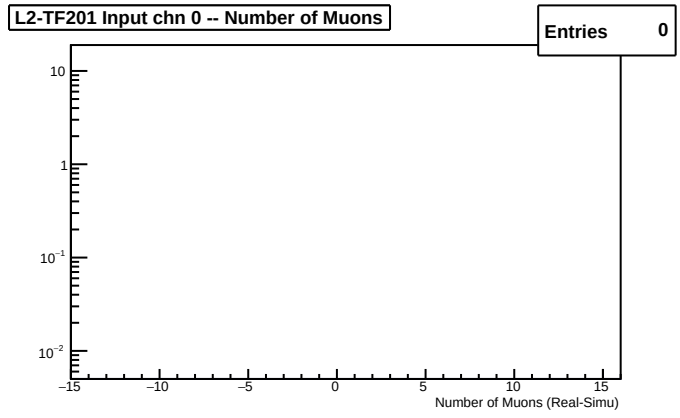

L2-TF201
Entries 1164891
Threshold/UPC bits
104629
106945
98357
103593
106462
101860
118662
61784
59468
68056
62820
59951
64553
47751
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

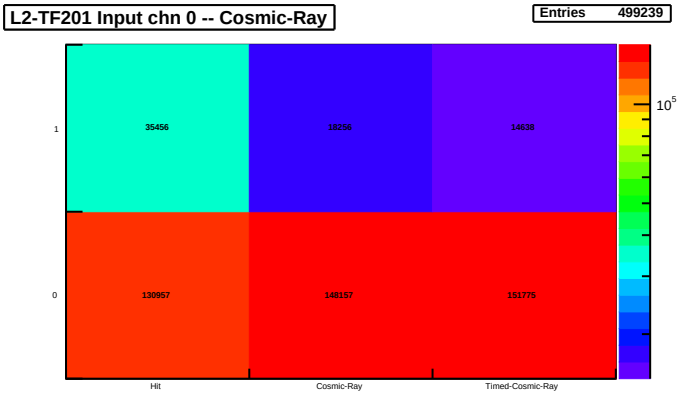

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

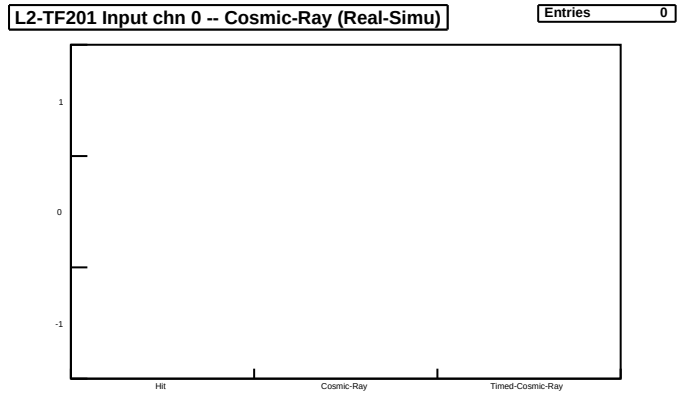

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1331304
Fired
2293
2277
19567
20602
12809
12917
12802
14480
164120
164136
146846
145811
153604
153496
153611
151933
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

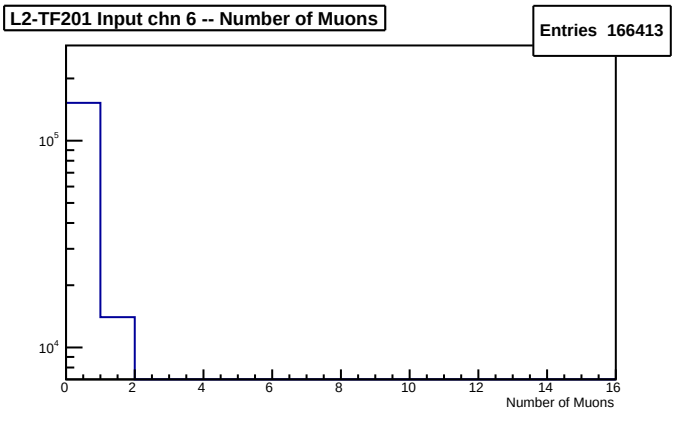

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

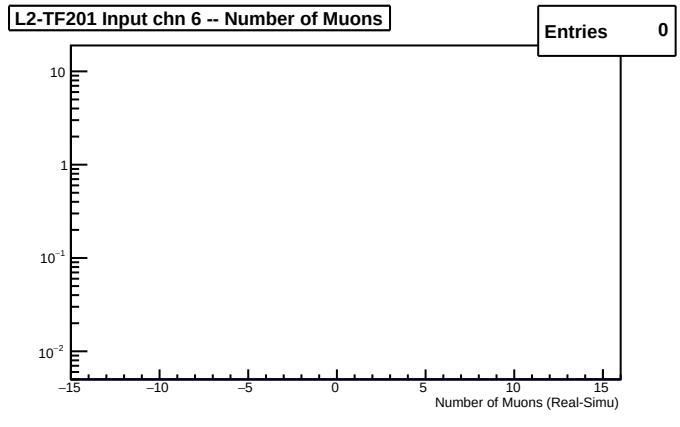

L2-TF201 Input chn 0 -- Number of Muons
Entries 166413
Number of Muons

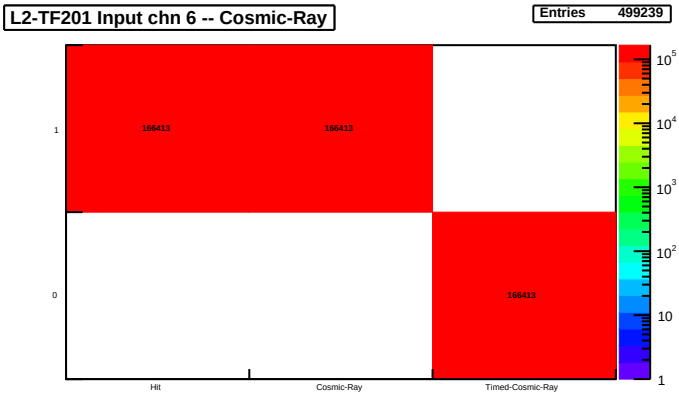

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

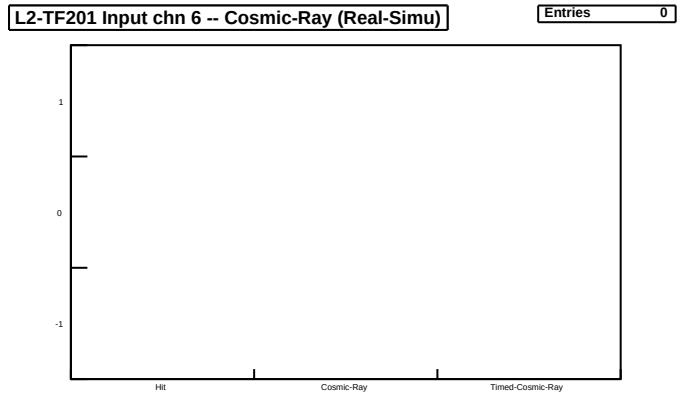

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 499239
35456
18256
14638
130957
148157
151775
Hit
Cosmic-Ray
Timed-Cosmic-Ray

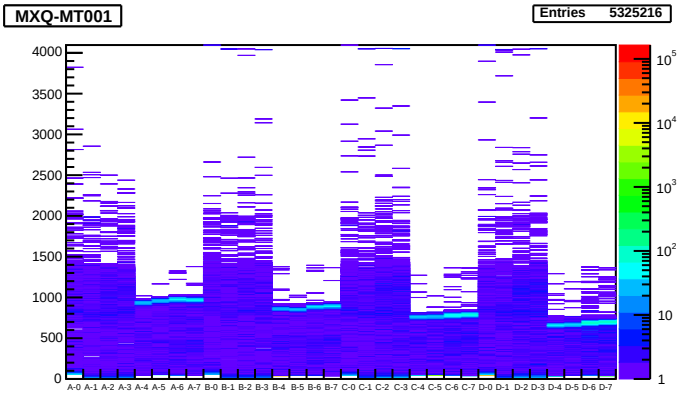

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

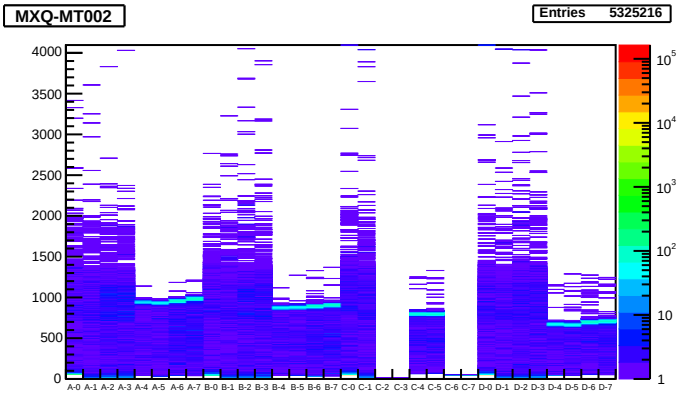

L2-TF201 Input chn 6 -- Number of Muons
Entries 166413
Number of Muons

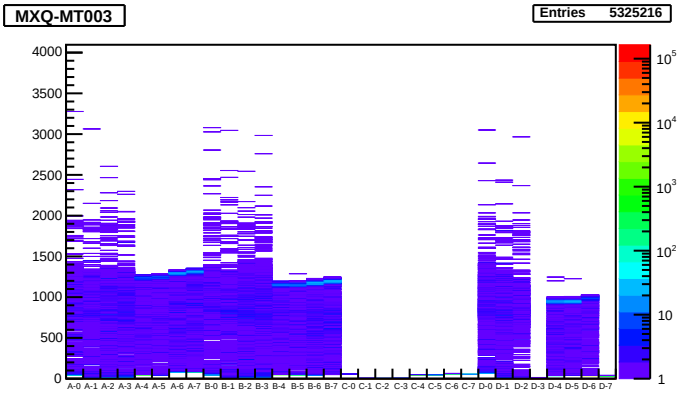

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

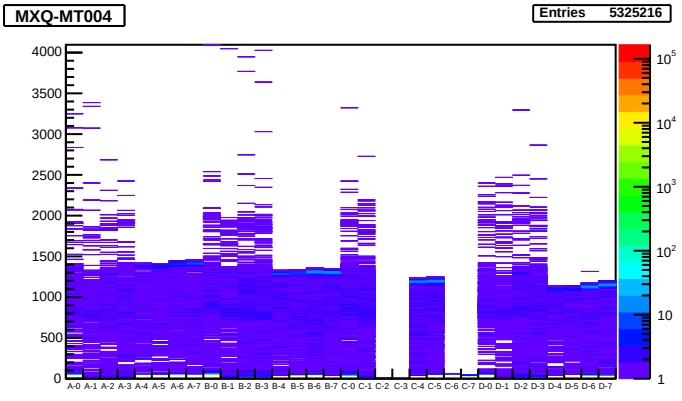

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 499239
166413
166413
166413
Hit
Cosmic-Ray
Timed-Cosmic-Ray

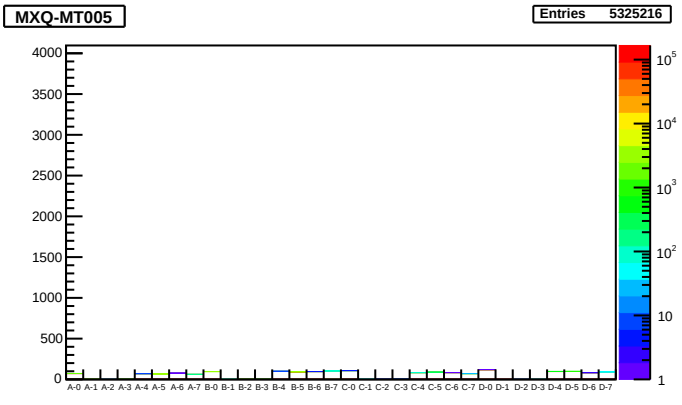

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

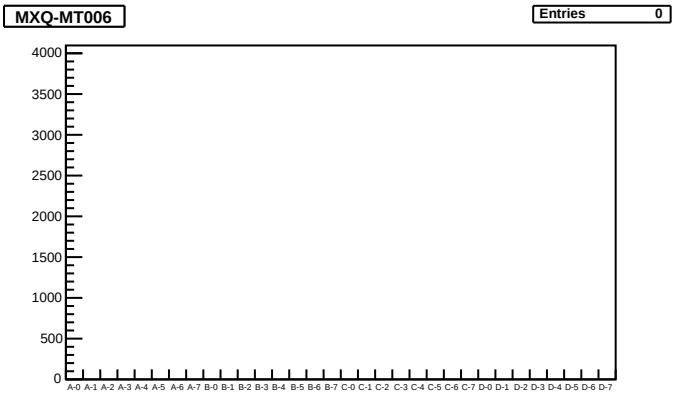

MXQ-MT001
Entries 5325216

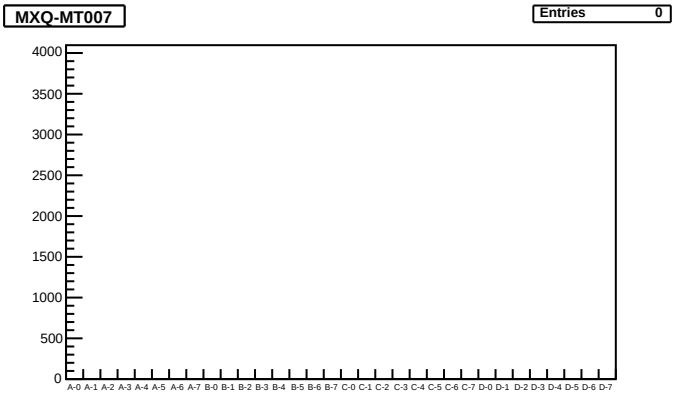

MXQ-MT002
Entries 5325216

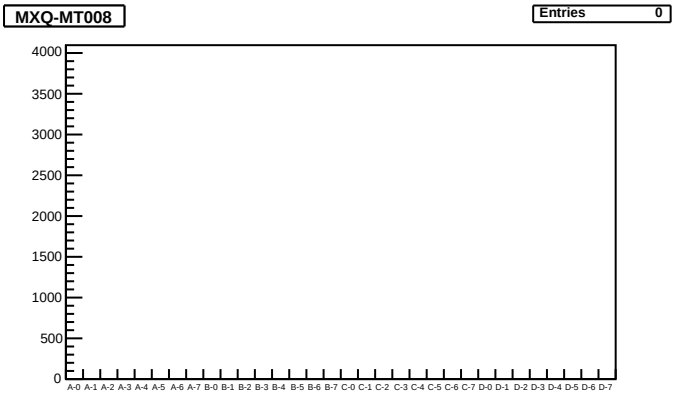

MXQ-MT003
Entries 5325216

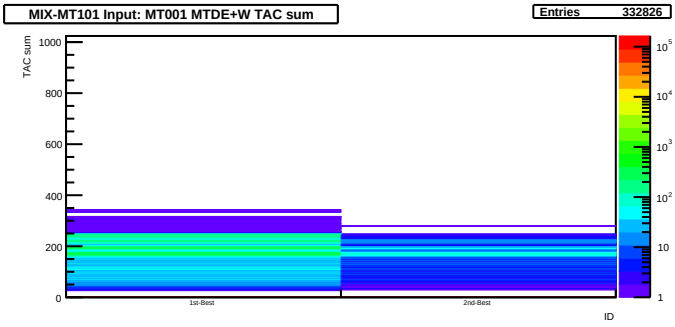

MXQ-MT004
Entries 5325216

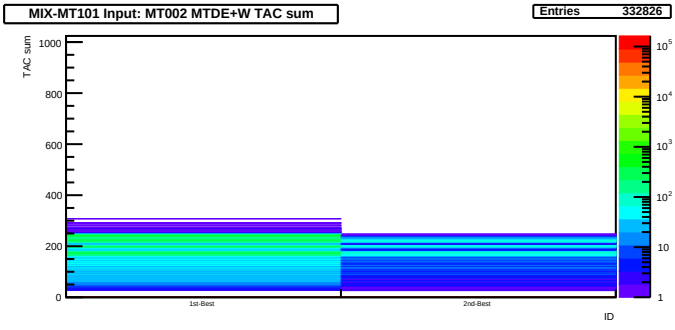

MXQ-MT005
Entries 5325216

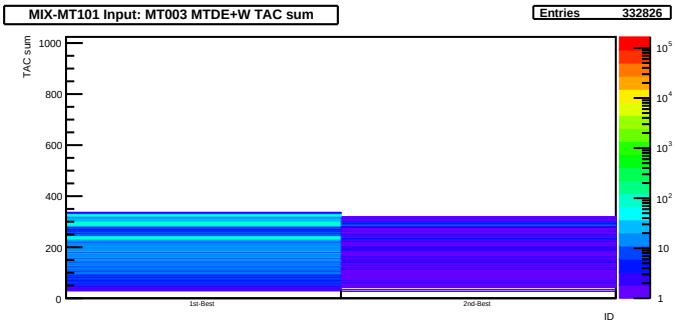

MXQ-MT006
Entries 0

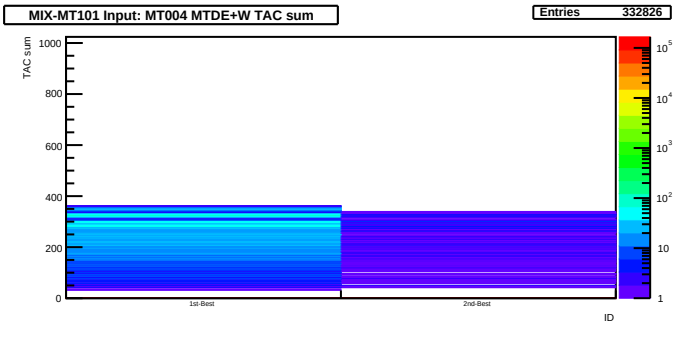

MXQ-MT007
Entries 0

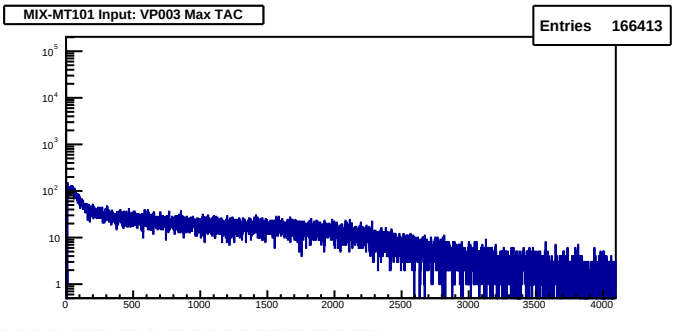

MXQ-MT008
Entries 0

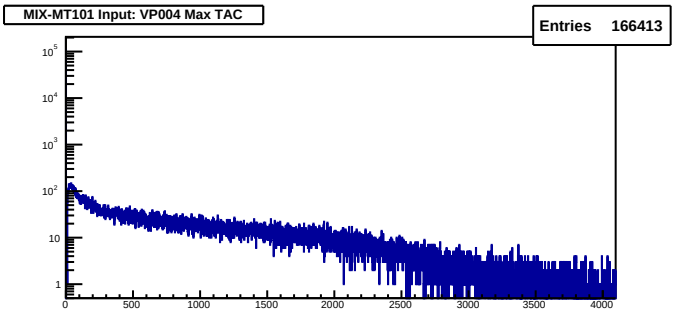

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 332826
TAC sum
1st-Best
2nd-Best
ID

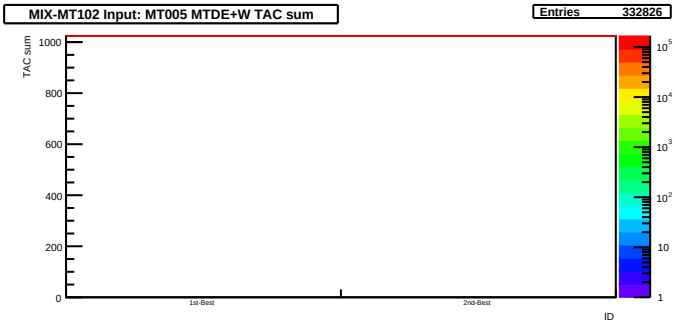

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 332826
TAC sum
1st-Best
2nd-Best
ID

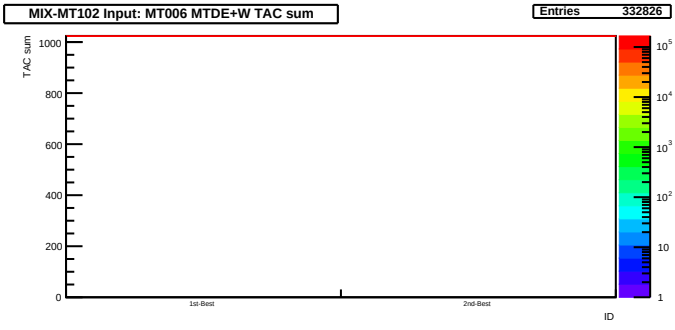

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 332826
TAC sum
1st-Best
2nd-Best
ID

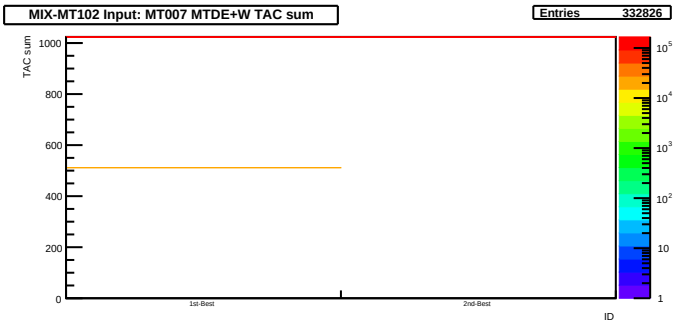

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 332826
TAC sum
1st-Best
2nd-Best
ID

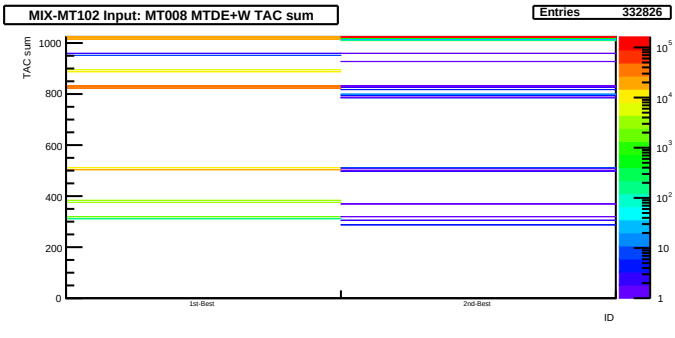

MIX-MT101 Input: VP003 Max TAC
Entries 166413

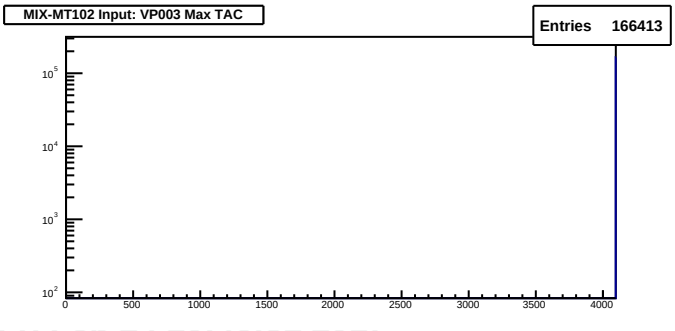

MIX-MT101 Input: VP004 Max TAC
Entries 166413

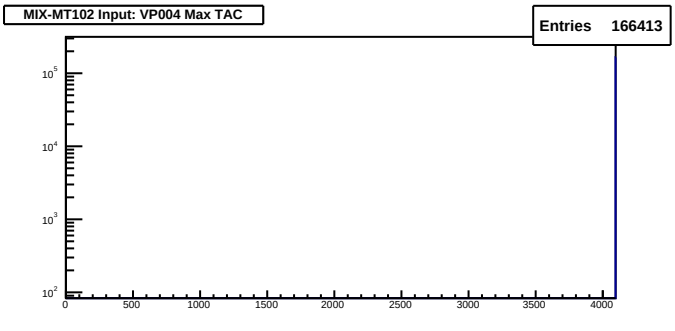

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 332826
TAC sum
1st-Best
2nd-Best
ID

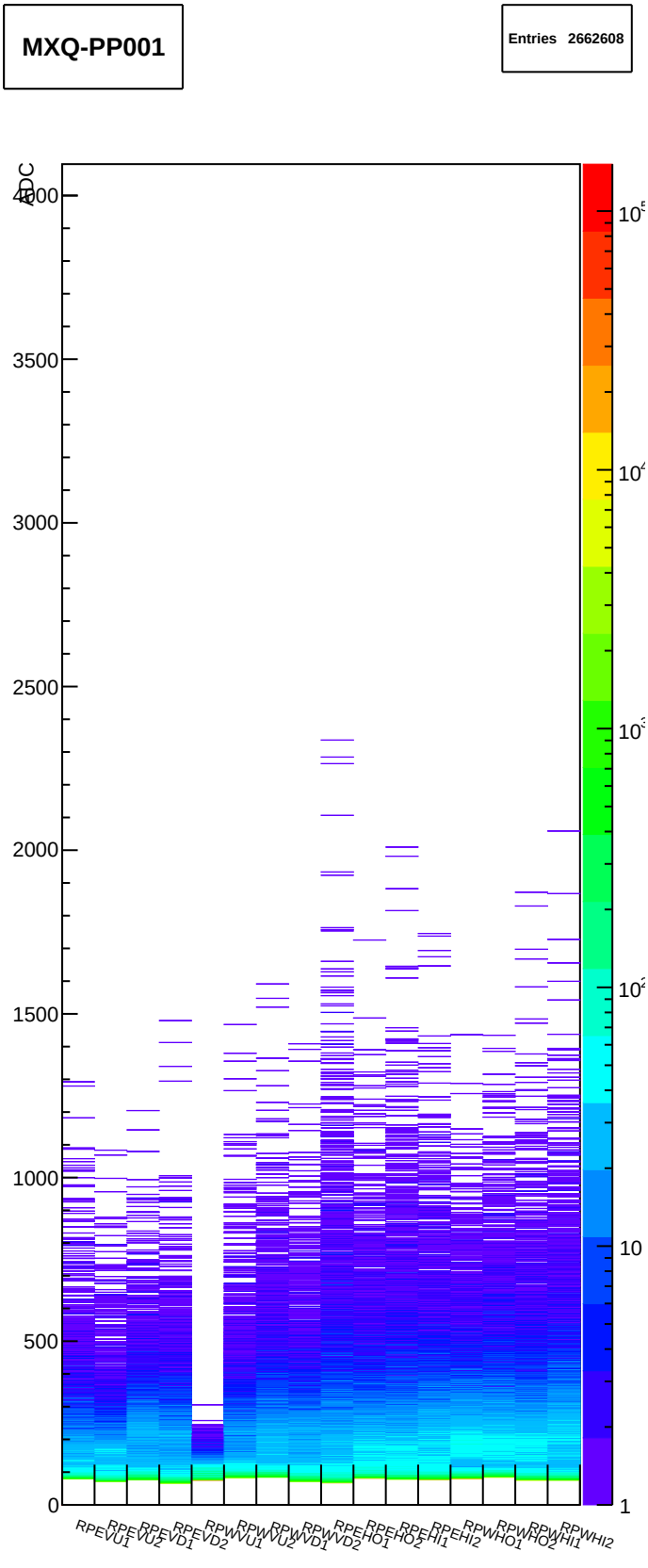

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 332826
TAC sum
1st-Best
2nd-Best
ID

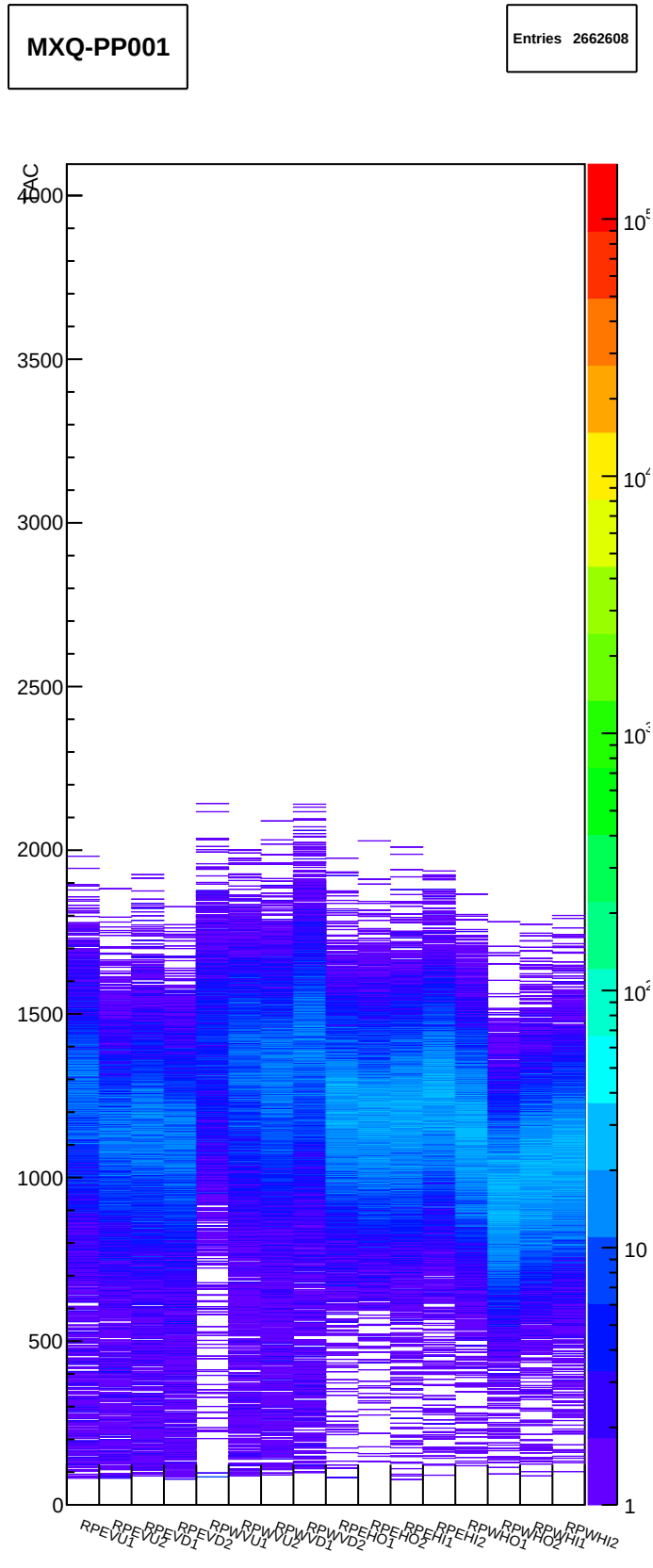

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 332826
TAC sum
1st-Best
2nd-Best
ID

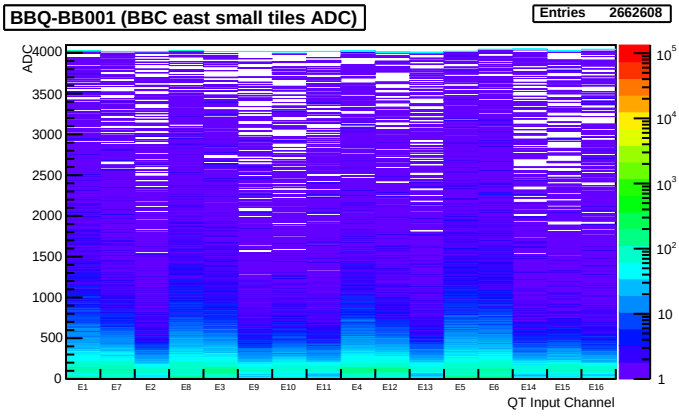

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 332826
TAC sum
1st-Best
2nd-Best
ID

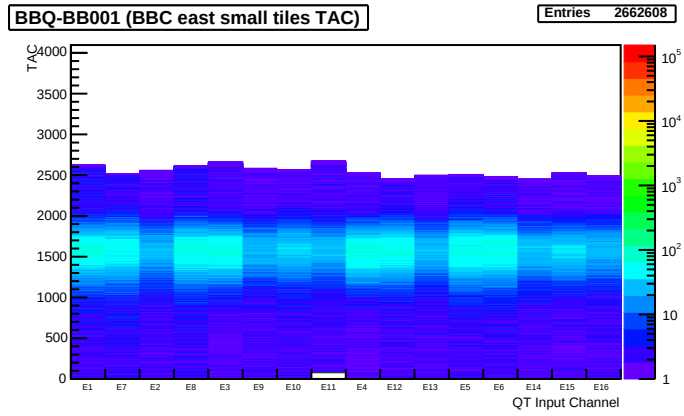

MIX-MT102 Input: VP003 Max TAC
Entries 166413

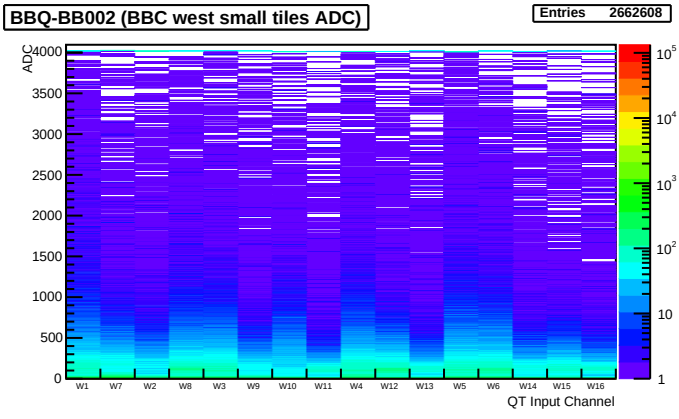

MIX-MT102 Input: VP004 Max TAC
Entries 166413

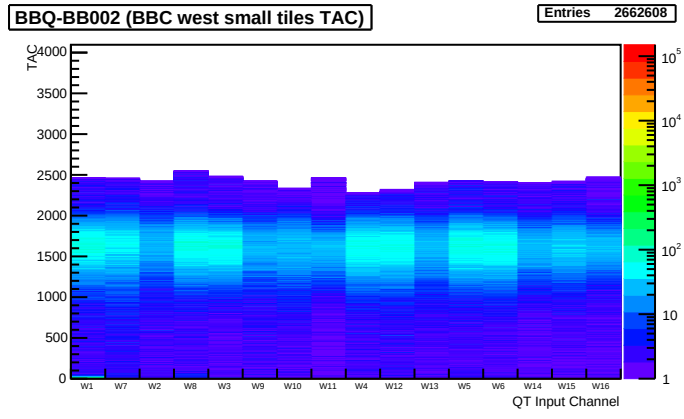

MXQ-PP001
Entries 2662608
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

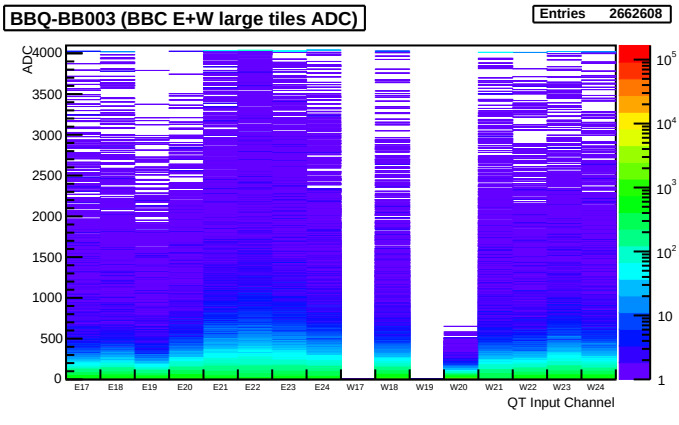

MXQ-PP001
Entries 2662608
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

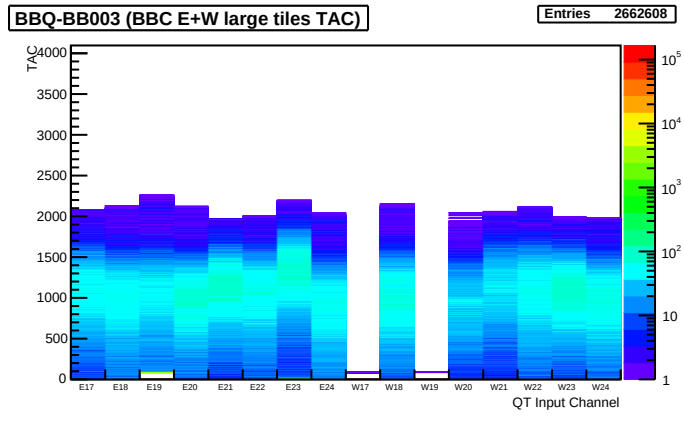

BBQ-BB001 (BBC east small tiles ADC)
Entries 2662608
ADC
QT Input Channel

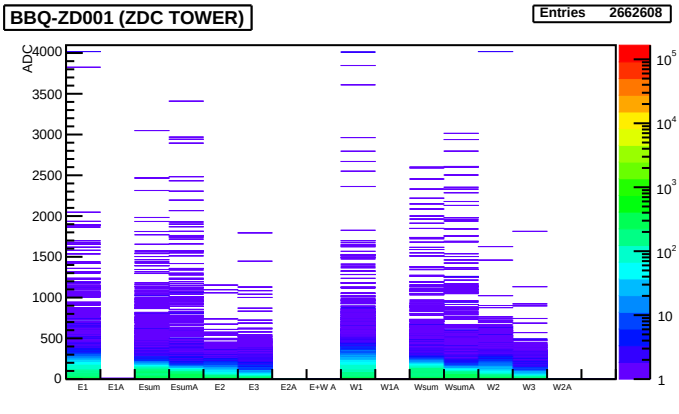

BBQ-BB001 (BBC east small tiles TAC)
Entries 2662608
TAC
QT Input Channel

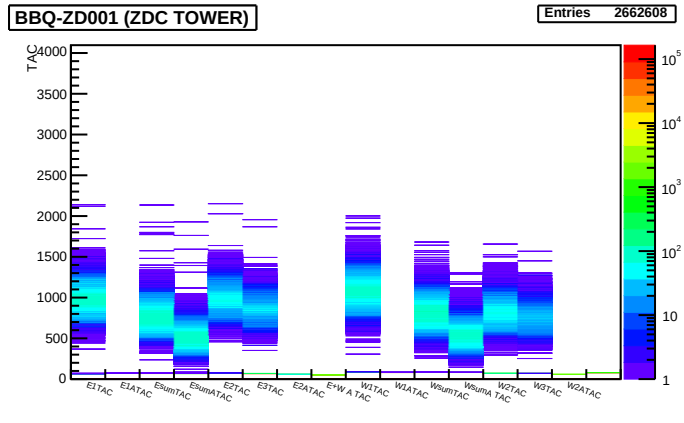

BBQ-BB002 (BBC west small tiles ADC)
Entries 2662608
ADC
QT Input Channel

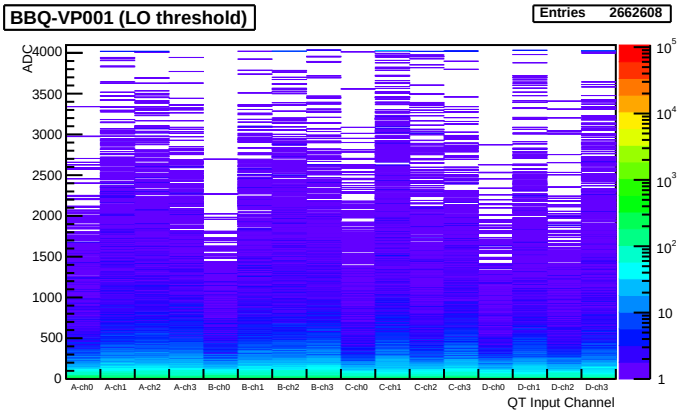

BBQ-BB002 (BBC west small tiles TAC)
Entries 2662608
TAC
QT Input Channel

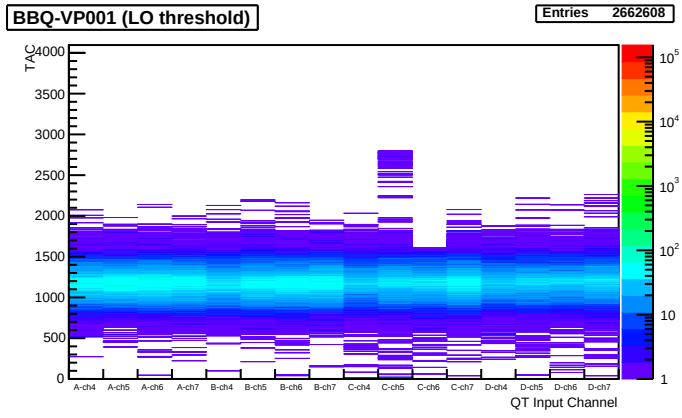

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2662608
ADC
QT Input Channel

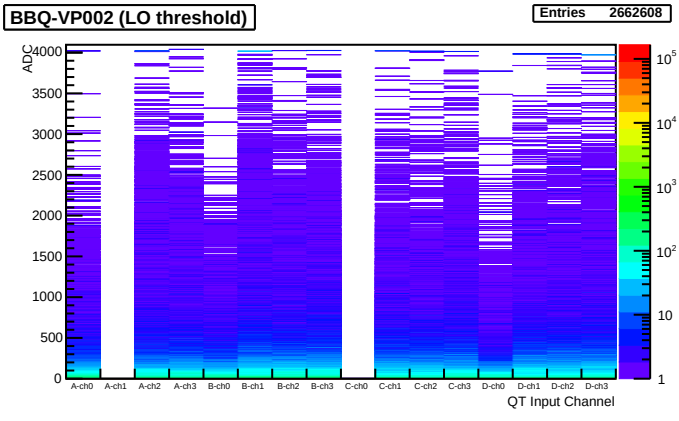

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2662608
TAC
QT Input Channel

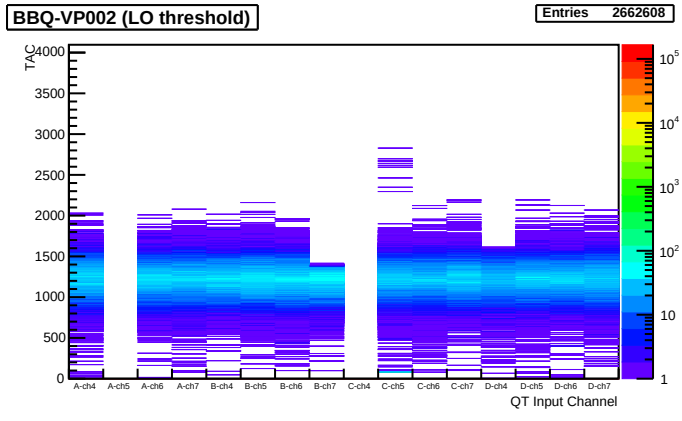

BBQ-ZD001 (ZDC TOWER)
Entries 2662608
ADC

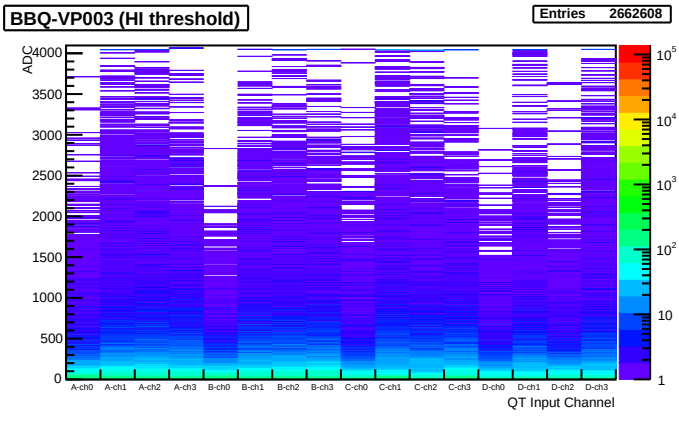

BBQ-ZD001 (ZDC TOWER)
Entries 2662608
TAC

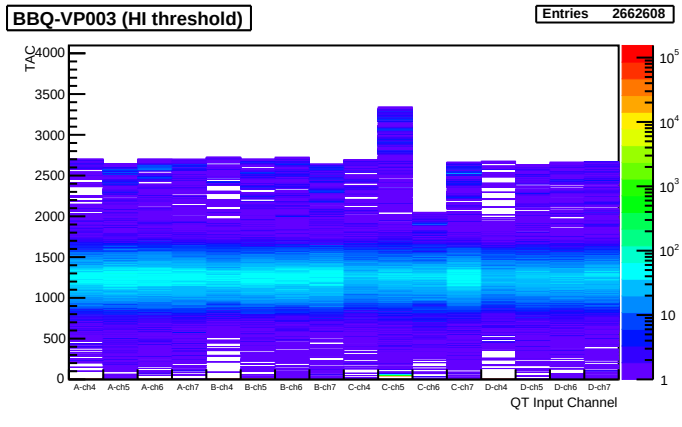

BBQ-VP001 (LO threshold)
Entries 2662608
ADC
QT Input Channel

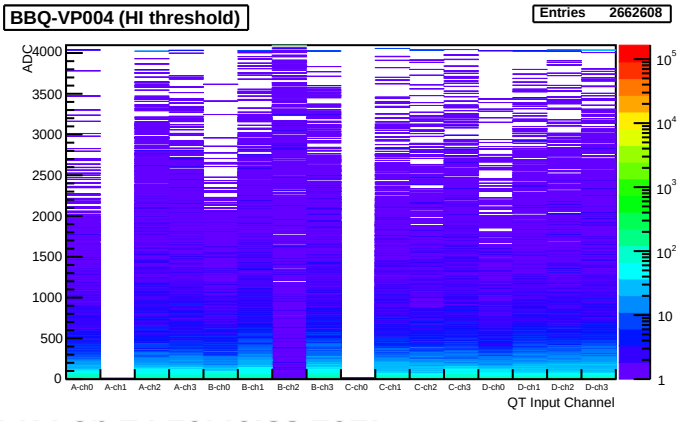

BBQ-VP001 (LO threshold)
Entries 2662608
TAC
QT Input Channel

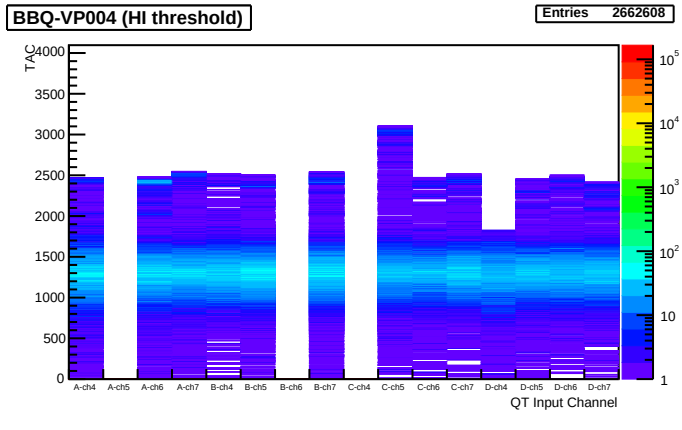

BBQ-VP002 (LO threshold)
Entries 2662608
ADC
QT Input Channel

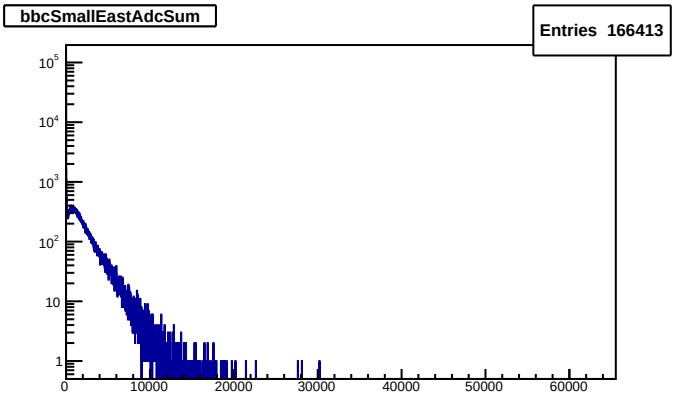

BBQ-VP002 (LO threshold)
Entries 2662608
TAC
QT Input Channel

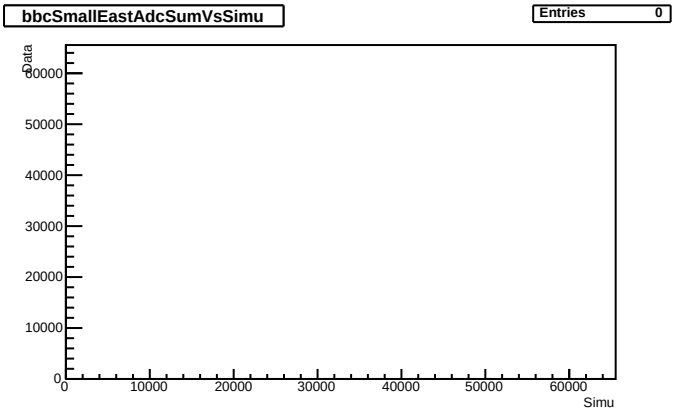

BBQ-VP003 (HI threshold)
Entries 2662608
ADC
QT Input Channel

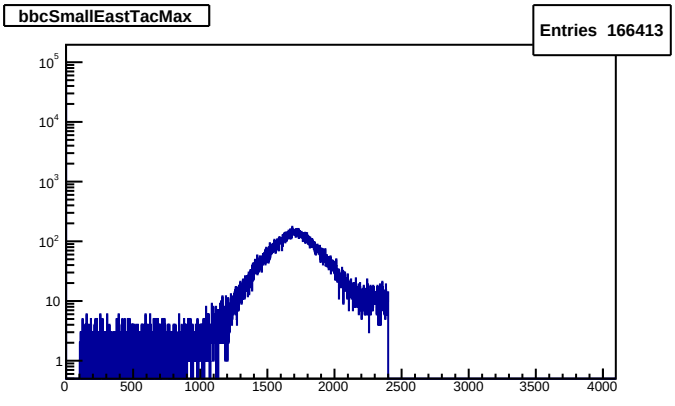

BBQ-VP003 (HI threshold)
Entries 2662608
TAC
QT Input Channel

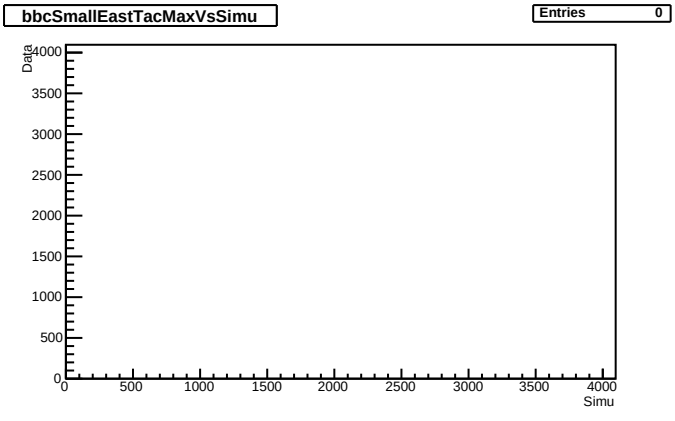

BBQ-VP004 (HI threshold)
Entries 2662608
ADC
QT Input Channel

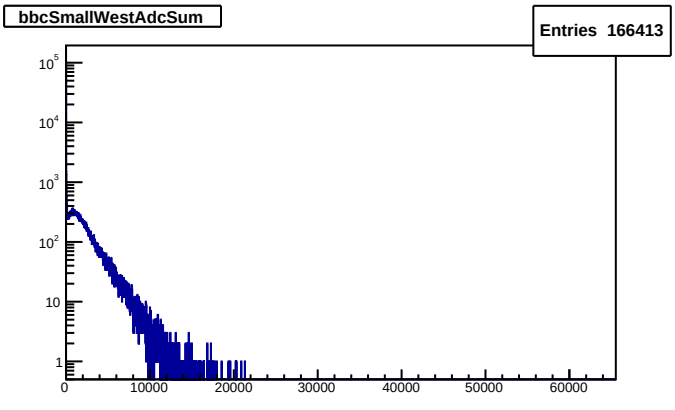

BBQ-VP004 (HI threshold)
Entries 2662608
TAC
QT Input Channel

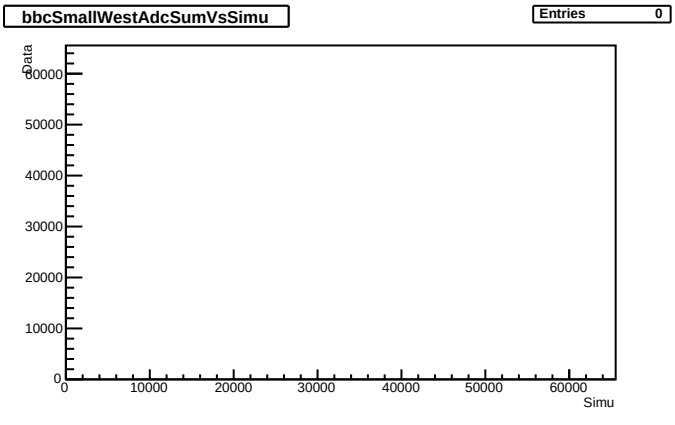

bbcSmallEastAdcSum
Entries 166413

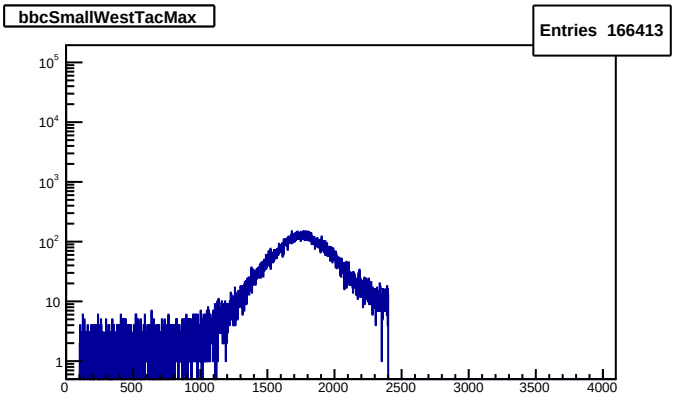

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

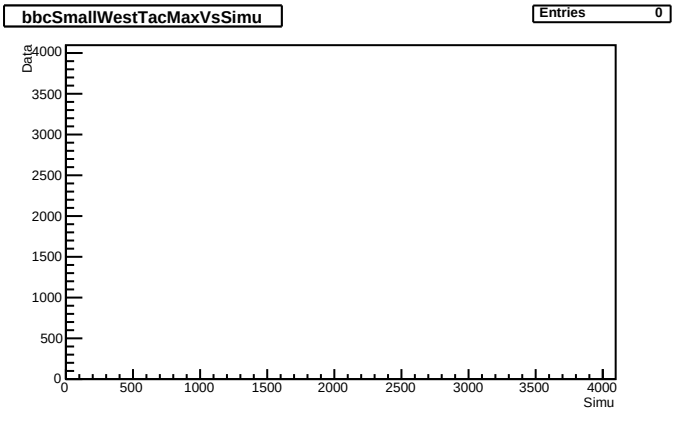

bbcSmallEastTacMax
Entries 166413

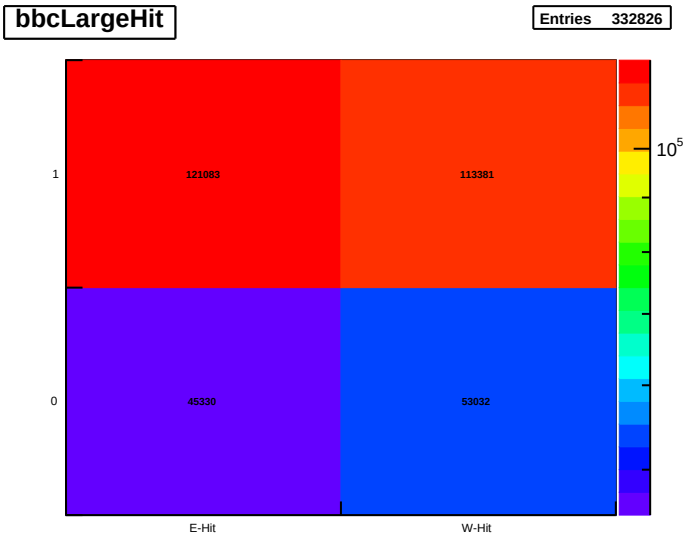

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

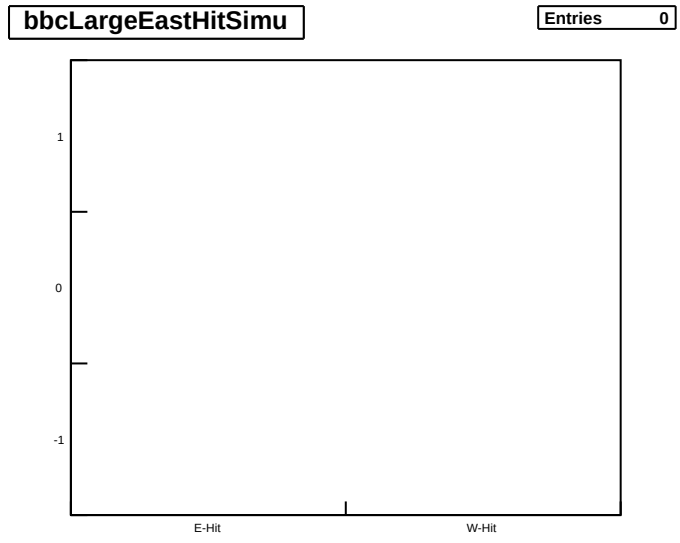

bbcSmallWestAdcSum
Entries 166413

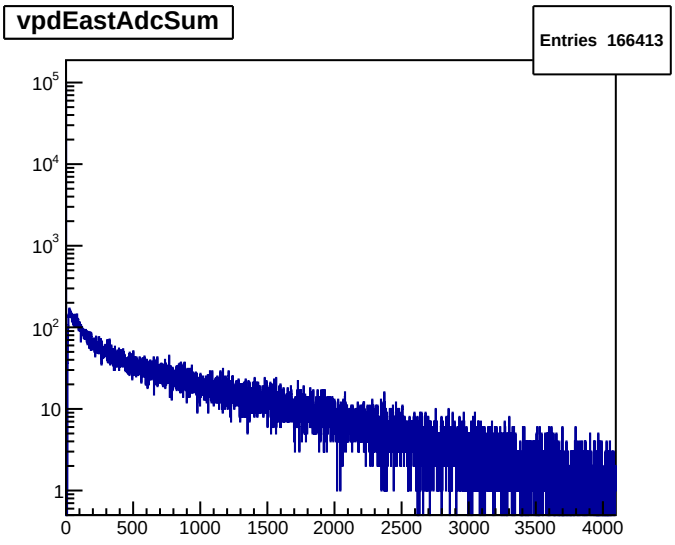

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

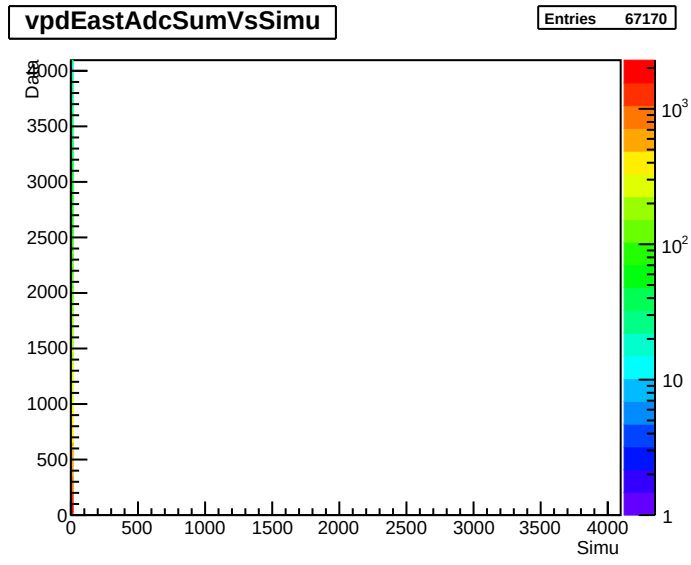

bbcSmallWestTacMax
Entries 166413

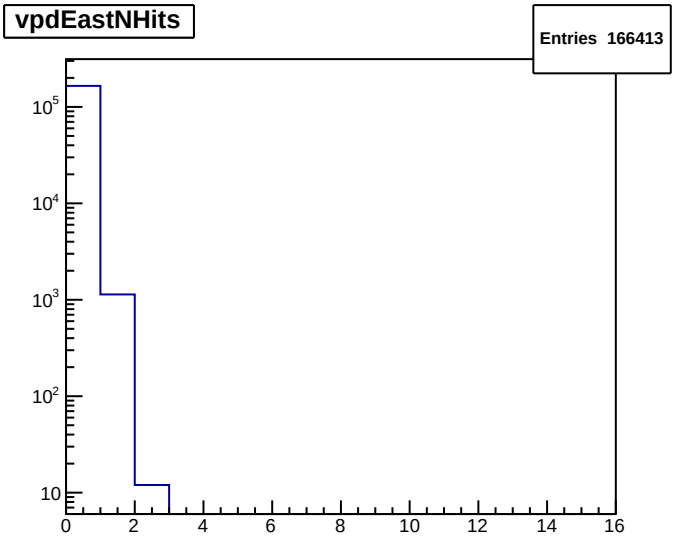

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

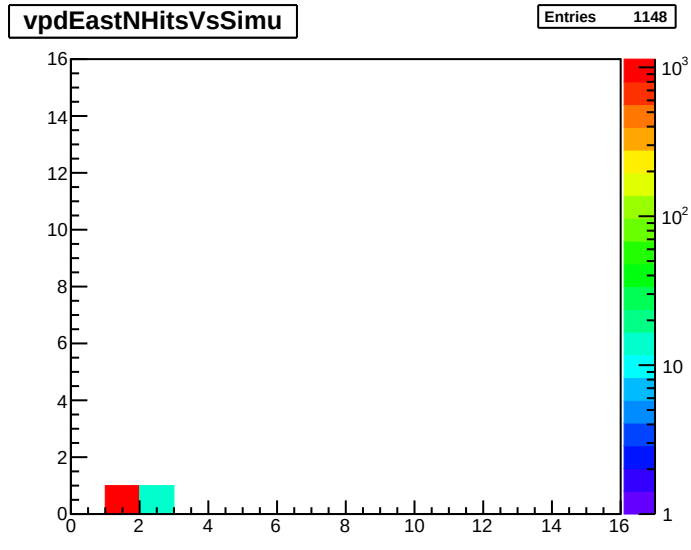

bbcLargeHit
Entries 332826
121083
113381
45330
53032
1
0
E-Hit
W-Hit
10^5

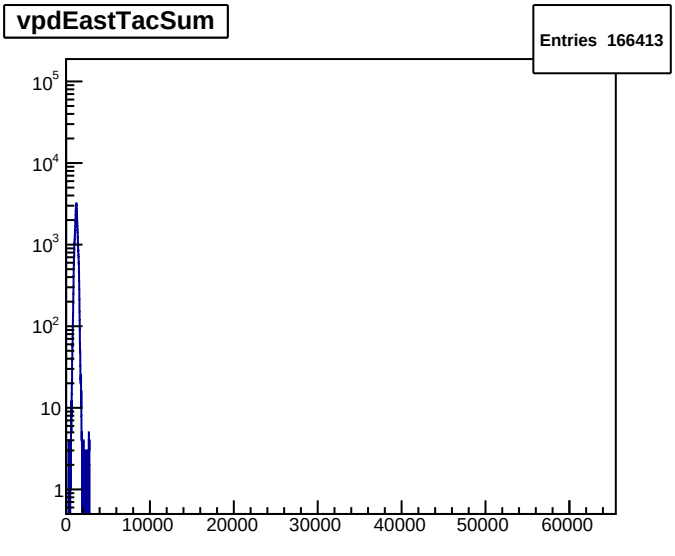

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

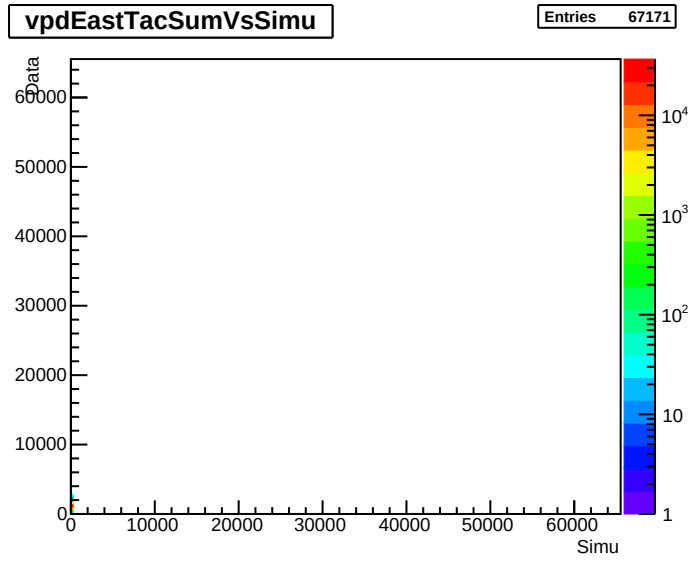

vpdEastAdcSum
Entries 166413

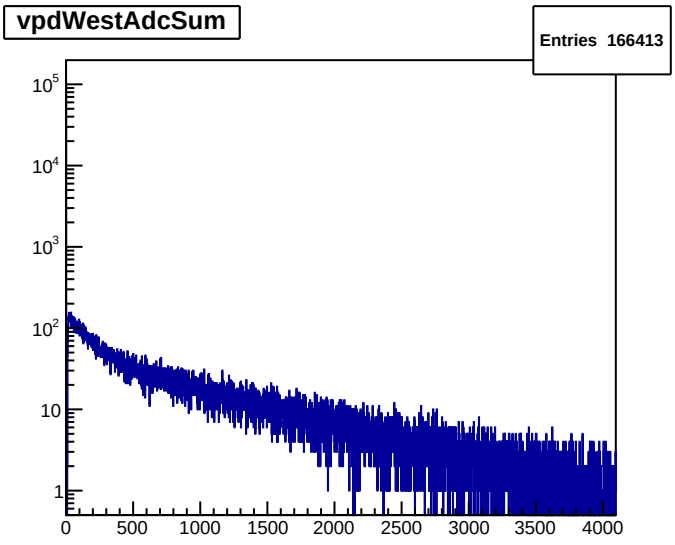

vpdEastAdcSumVsSimu
Entries 67170
Data
Simu

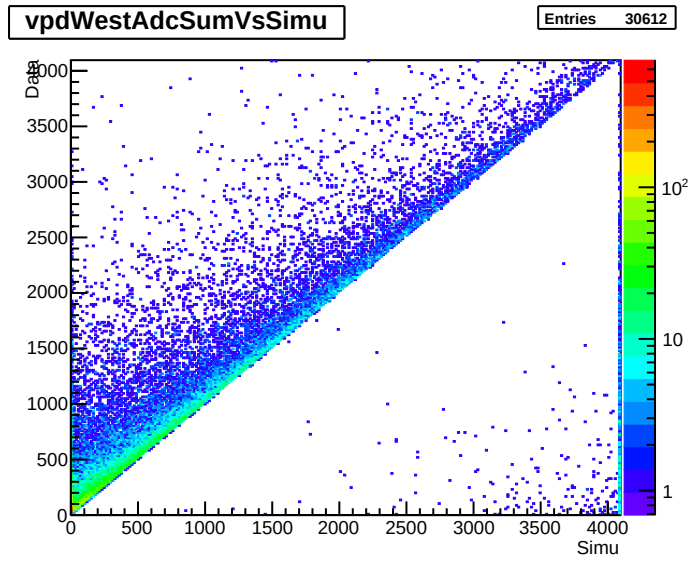

vpdEastNHits
Entries 166413

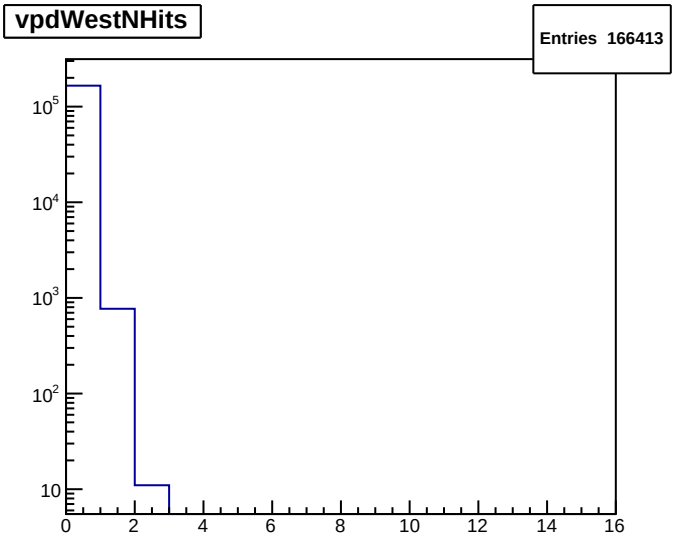

vpdEastNHitsVsSimu
Entries 1148

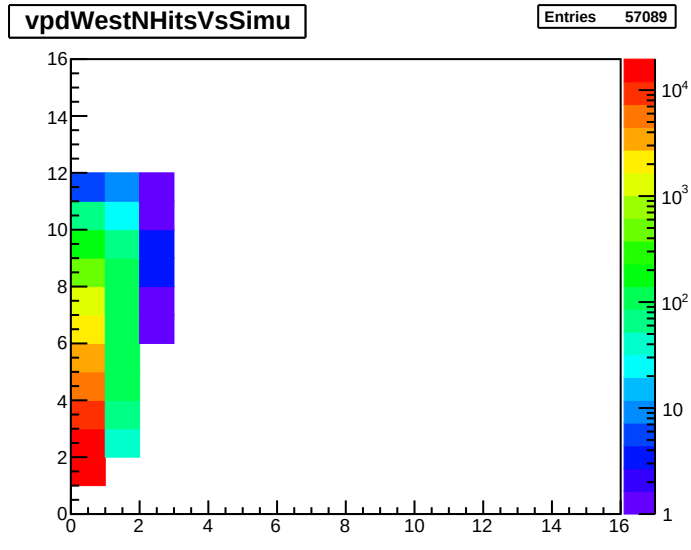

vpdEastTacSum
Entries 166413

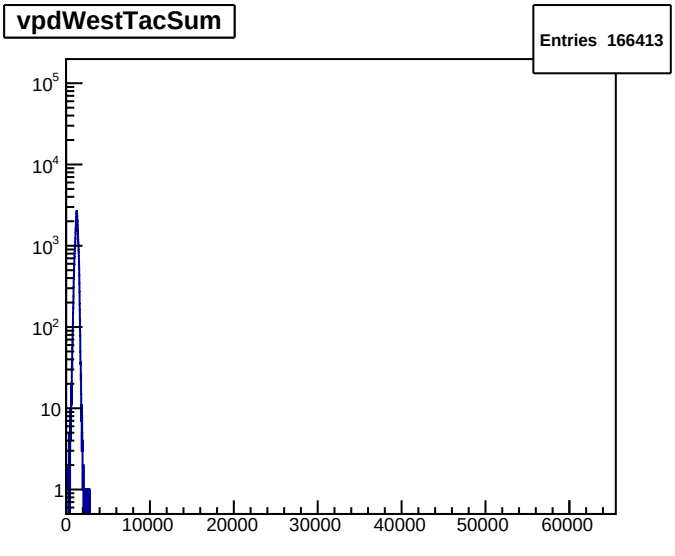

vpdEastTacSumVsSimu
Entries 67171
Data
Simu

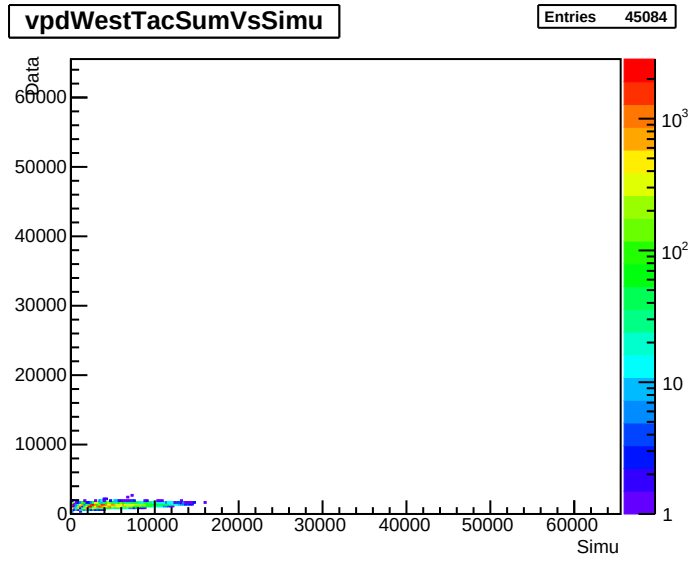

vpdWestAdcSum
Entries 166413

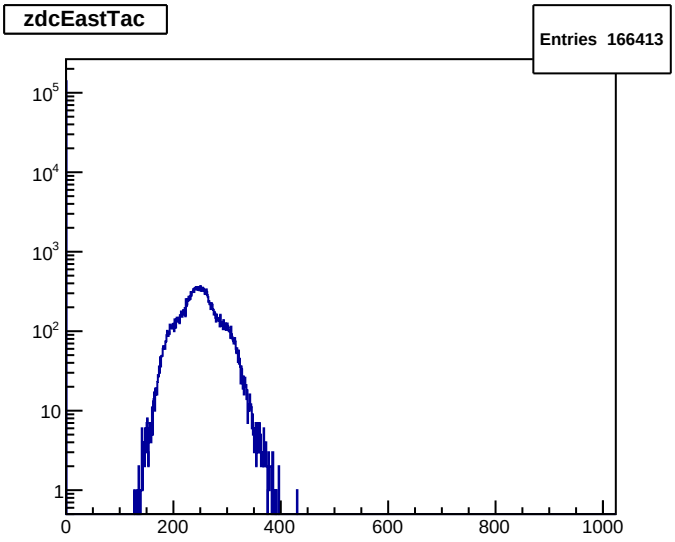

vpdWestAdcSumVsSimu
Entries 30612
Data
Simu

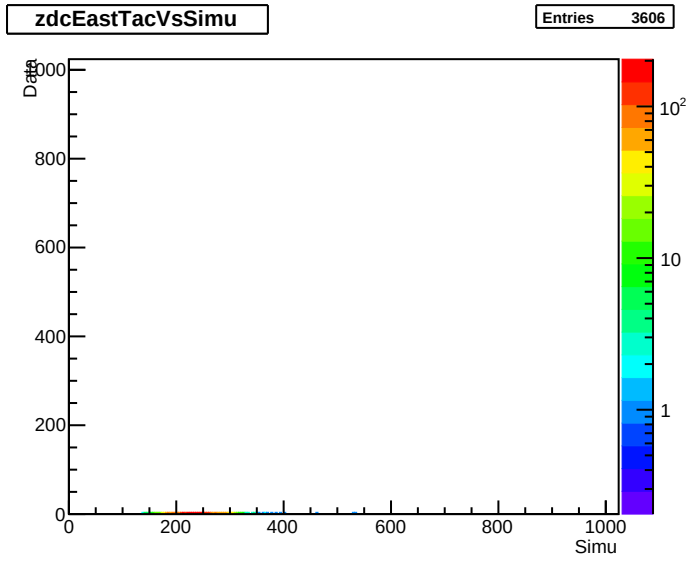

vpdWestNHits
Entries 166413

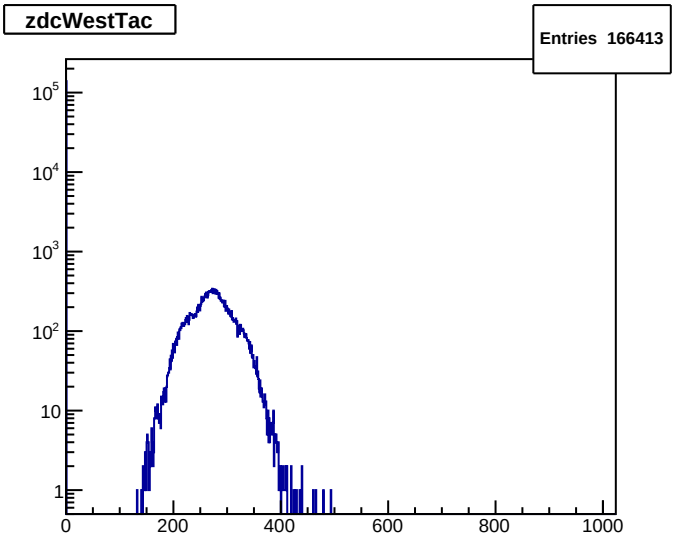

vpdWestNHitsVsSimu
Entries 57089

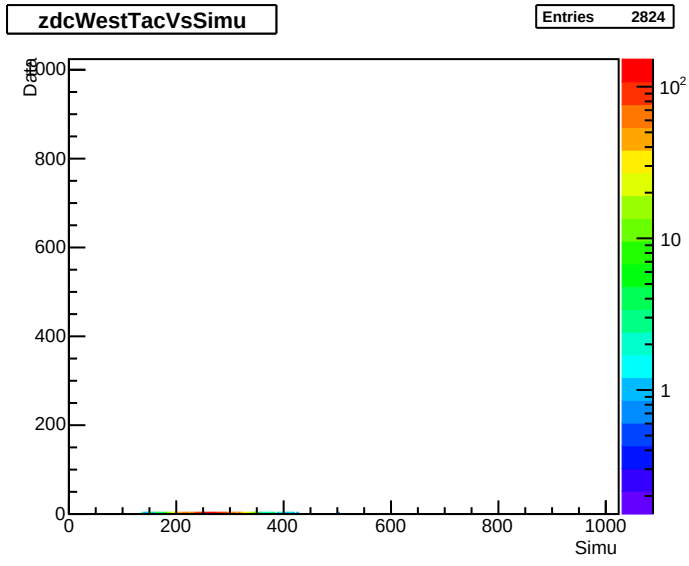

vpdWestTacSum
Entries 166413

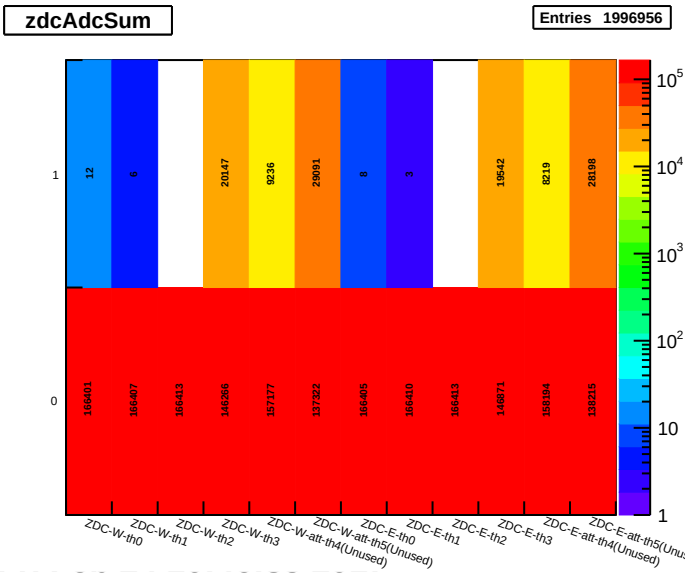

vpdWestTacSumVsSimu
Entries 45084
Data
Simu

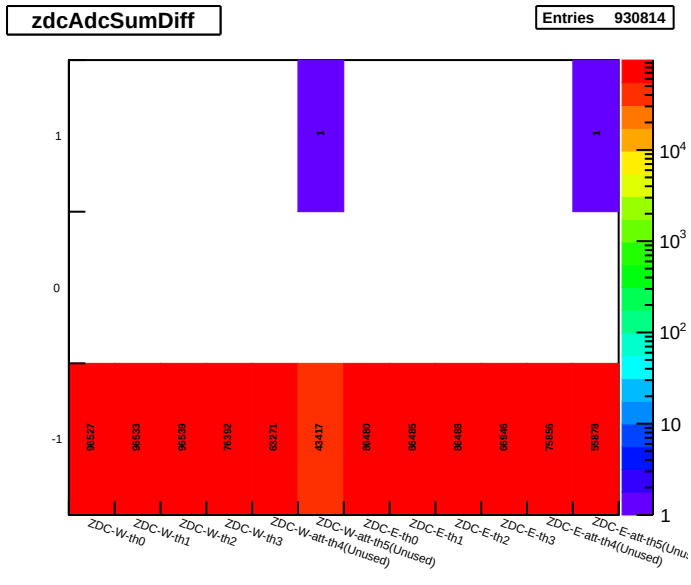

zdcEastTac
Entries 166413

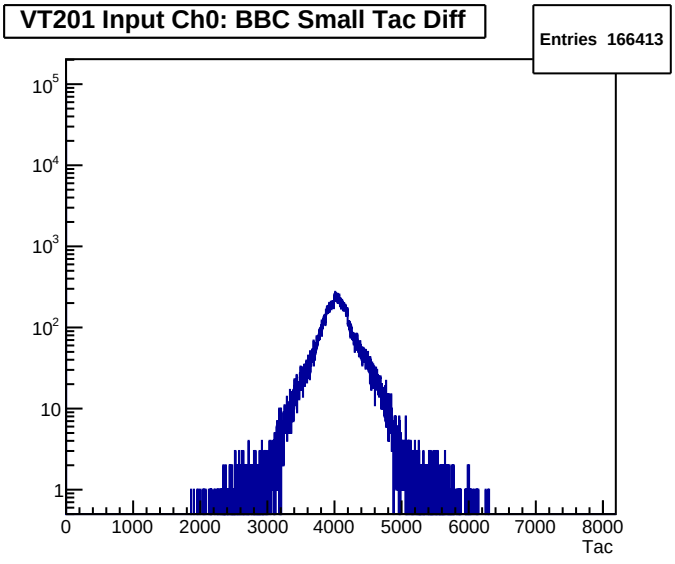

zdcEastTacVsSimu
Entries 3606
Data
Simu

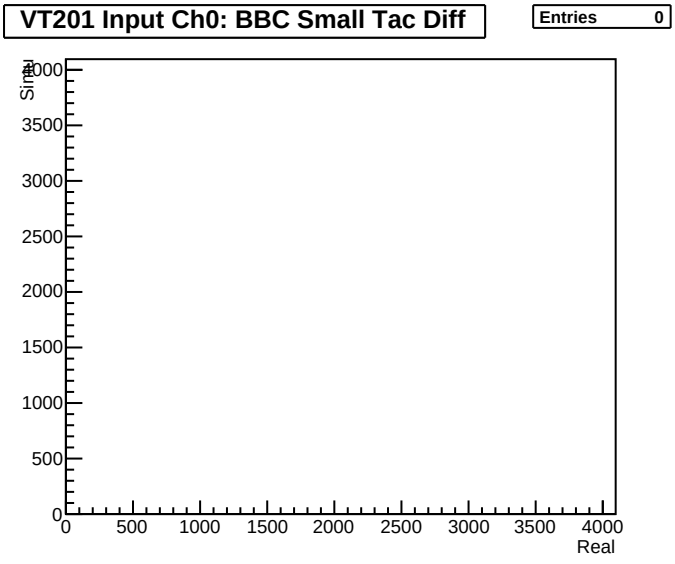

zdcWestTac
Entries 166413

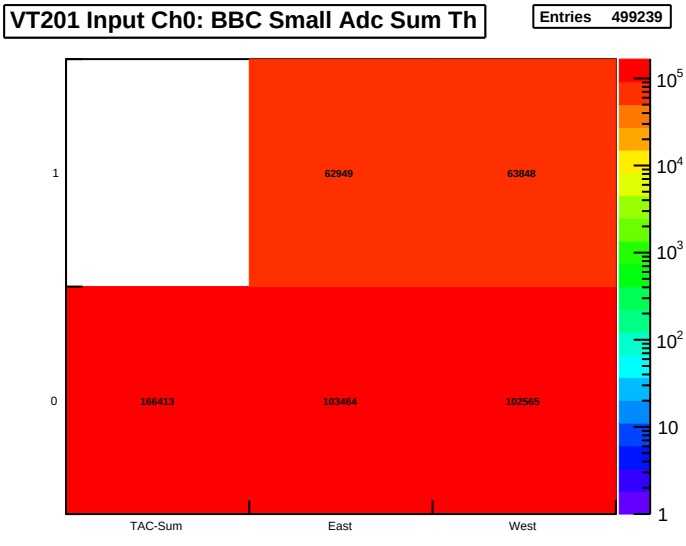

zdcWestTacVsSimu
Entries 2824
Data
Simu

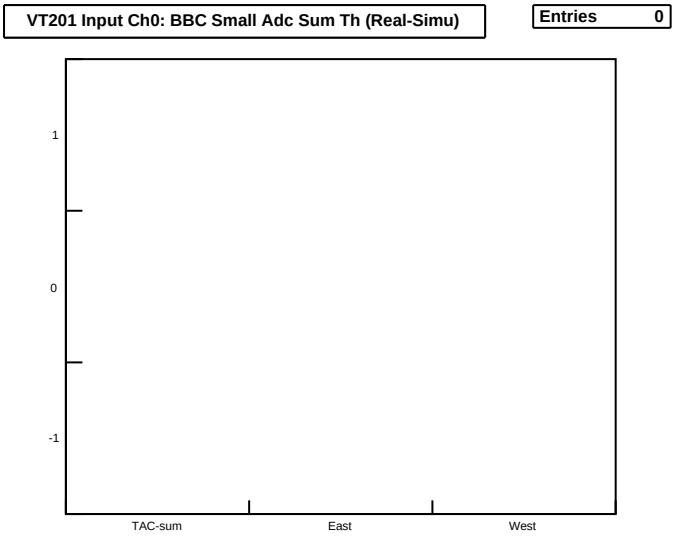

zdcAdcSum
Entries 1996956
12
6
20147
9236
29091
8
3
19542
8219
28198
166401
166407
166413
146266
157177
137322
166405
166410
166413
146871
158194
138215
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

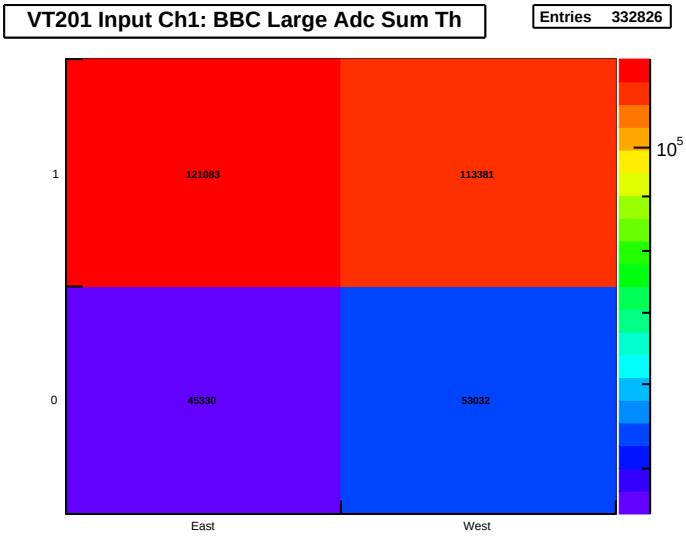

zdcAdcSumDiff
Entries 930814
1
1
96527
96533
96539
76392
63271
43417
86480
86485
86488
66946
75856
55878
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

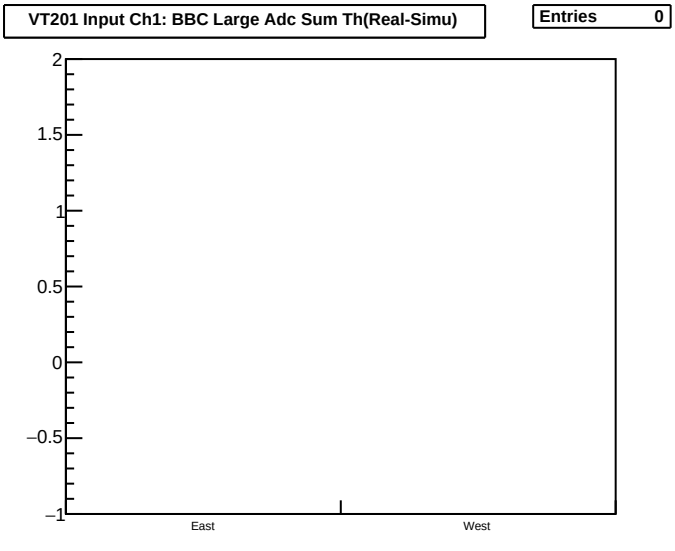

VT201 Input Ch0: BBC Small Tac Diff
Entries 166413
Tac


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

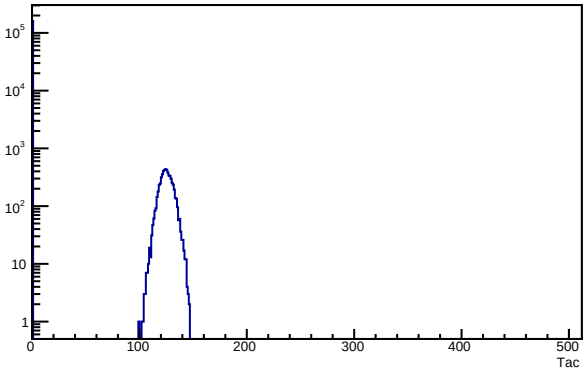

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 499239
62949
63848
166413
103464
102565
TAC-Sum
East
West


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

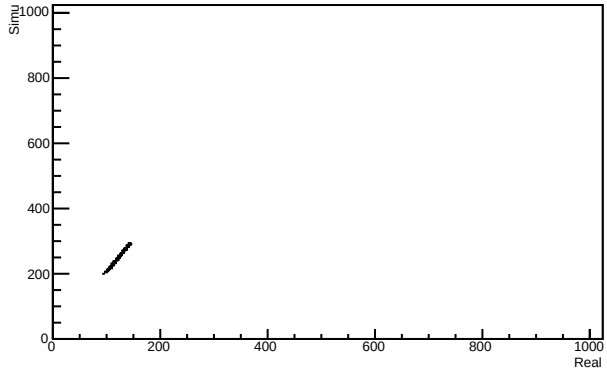

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 332826
121083
113381
45330
53032
East
West


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

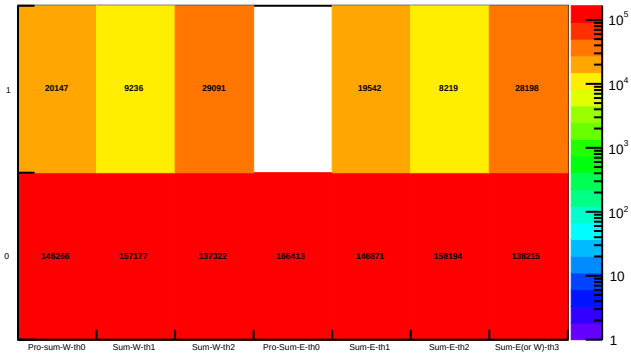
VT201 Input Ch2: ZDC Tac Diff



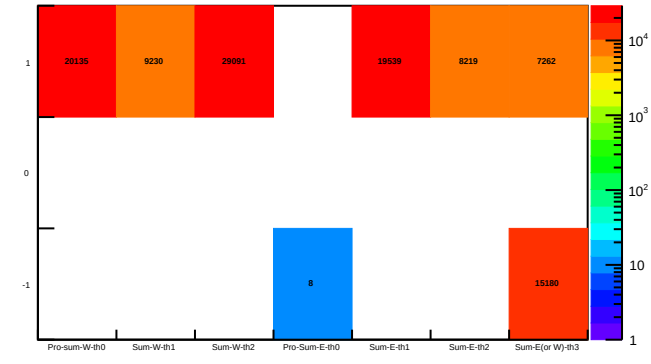
VT201 Input Ch2: ZDC Tac Diff



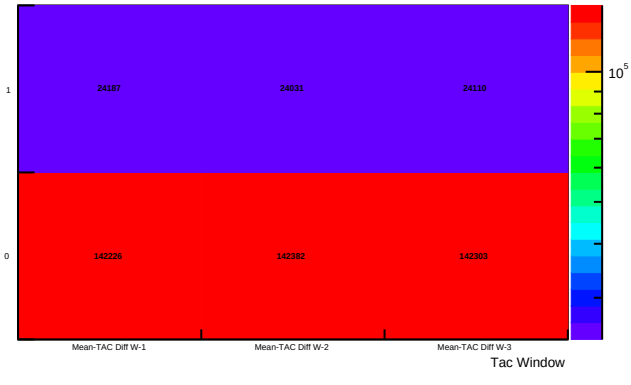
VT201 Input Ch2: ZDC Adc Sum Th



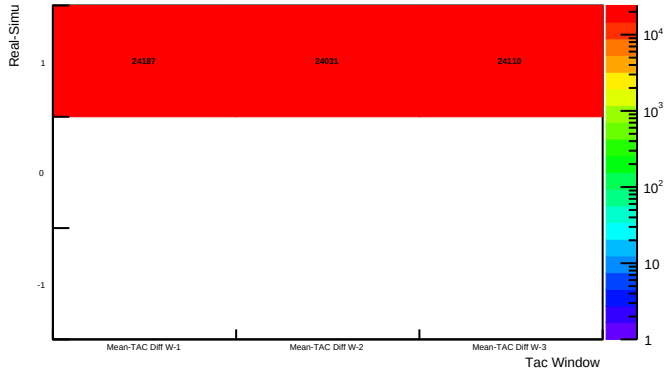
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



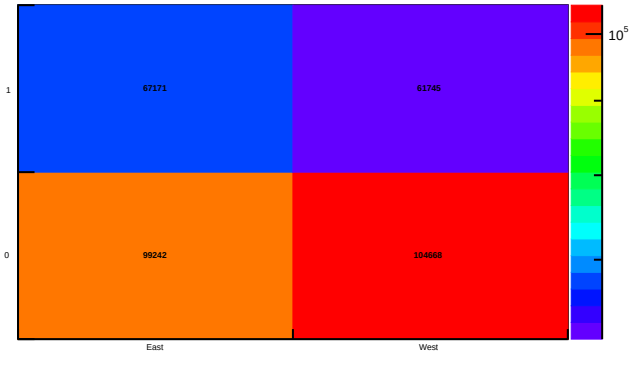
VT201 Input Ch4: VPD Tac Diff



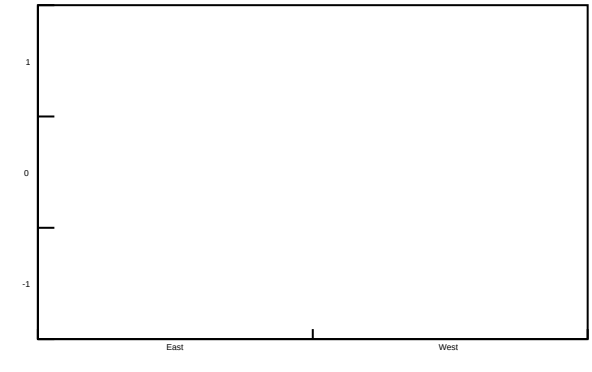
VT201 Input Ch4: VPD Tac Diff

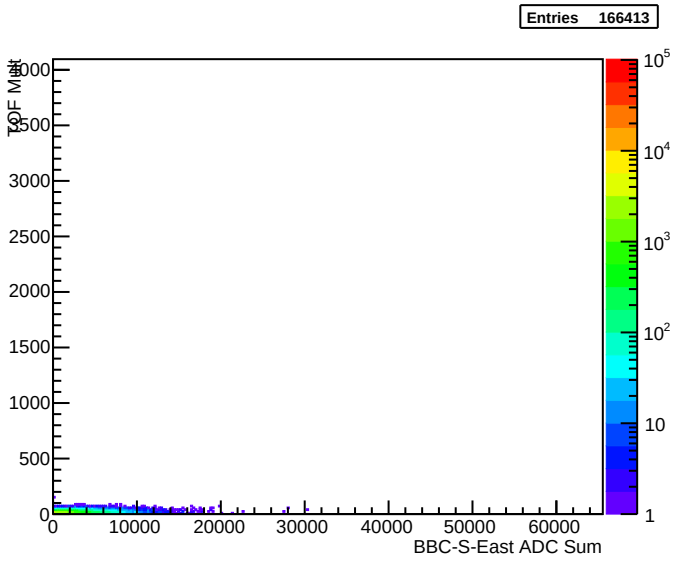


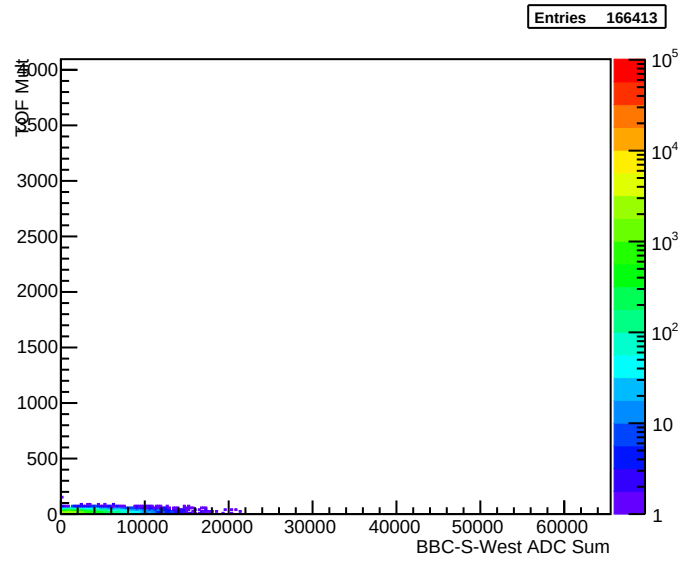
VT201 Input Ch4: VPD Adc Sum Th

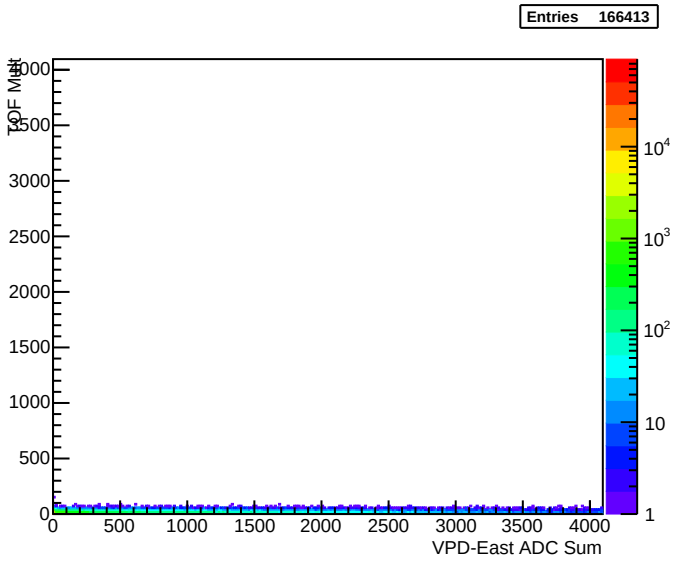


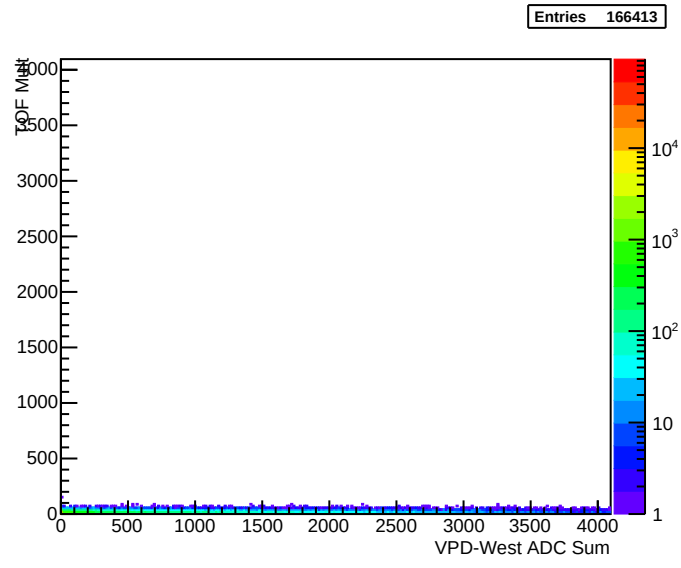
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

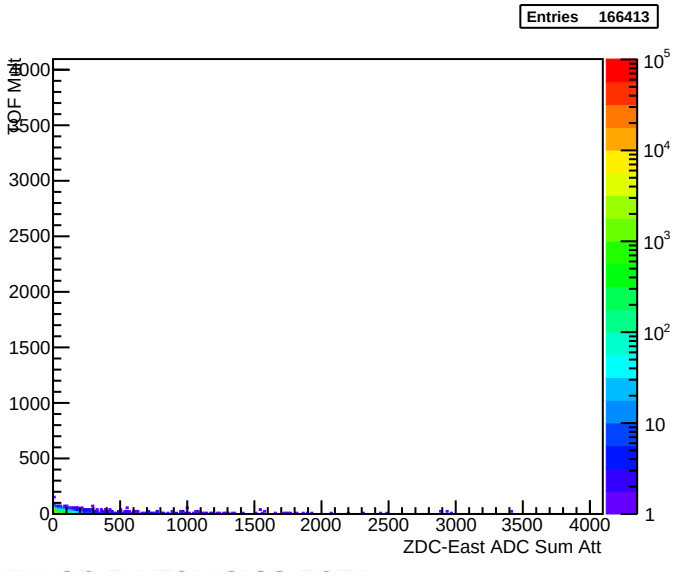


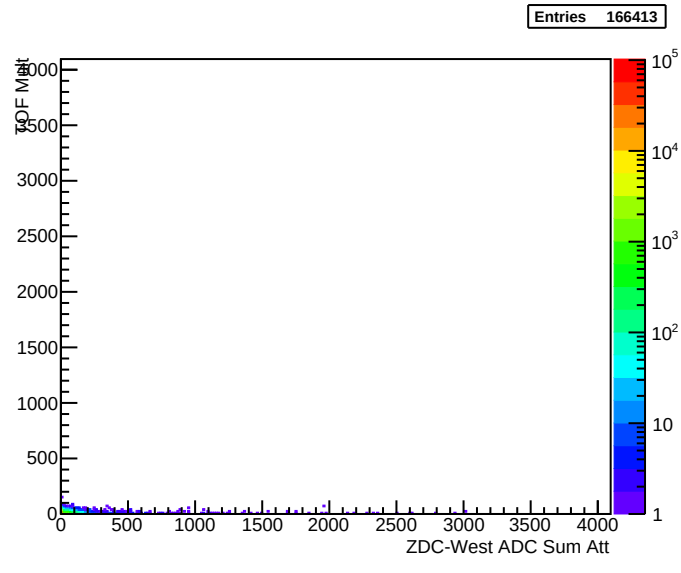

Entries 166413
TOF Mult
BBC-S-East ADC Sum

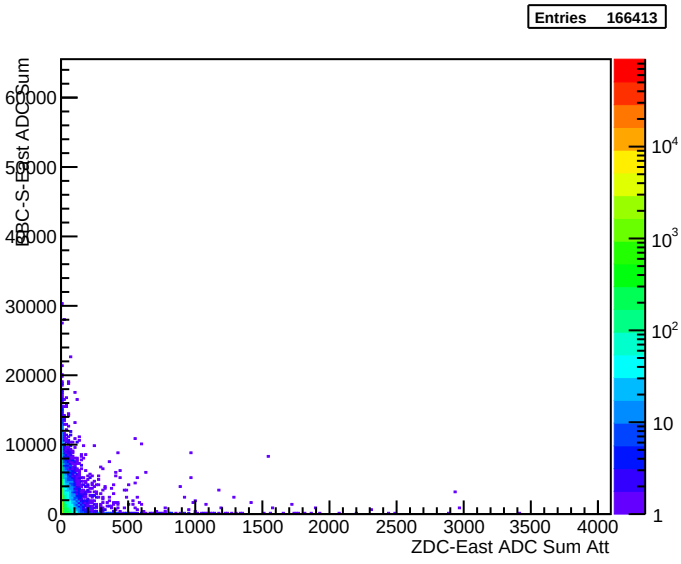

Entries 166413
TOF Mult
BBC-S-West ADC Sum

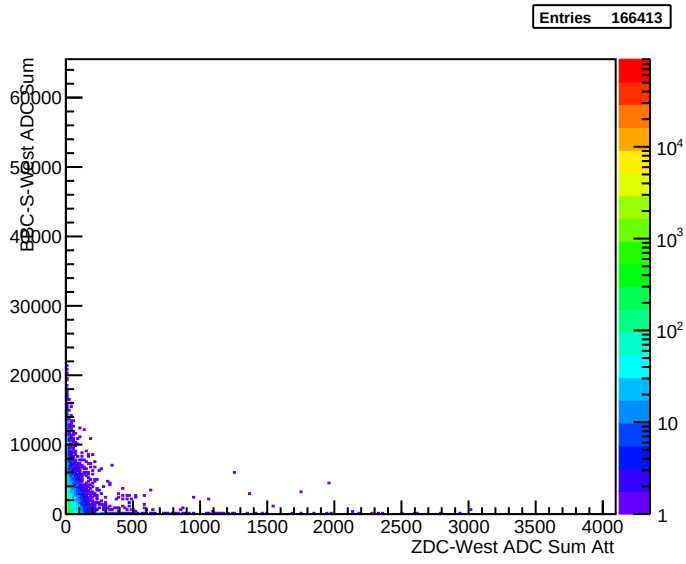

Entries 166413
TOF Mult
VPD-East ADC Sum

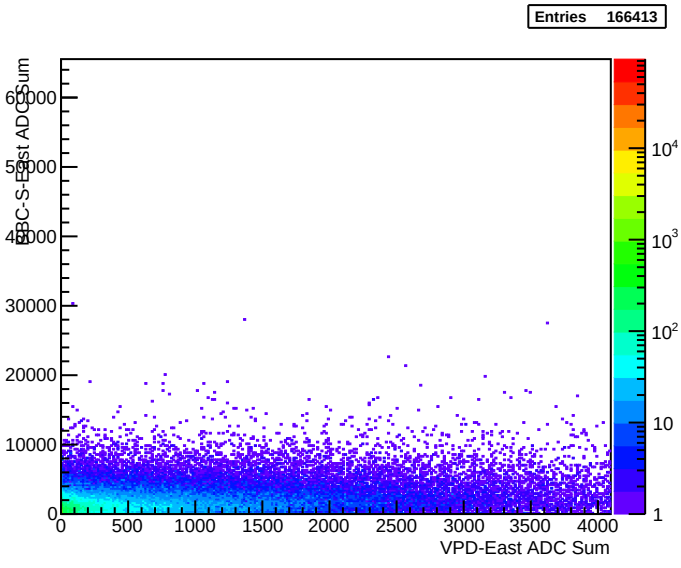

Entries 166413
TOF Mult
VPD-West ADC Sum

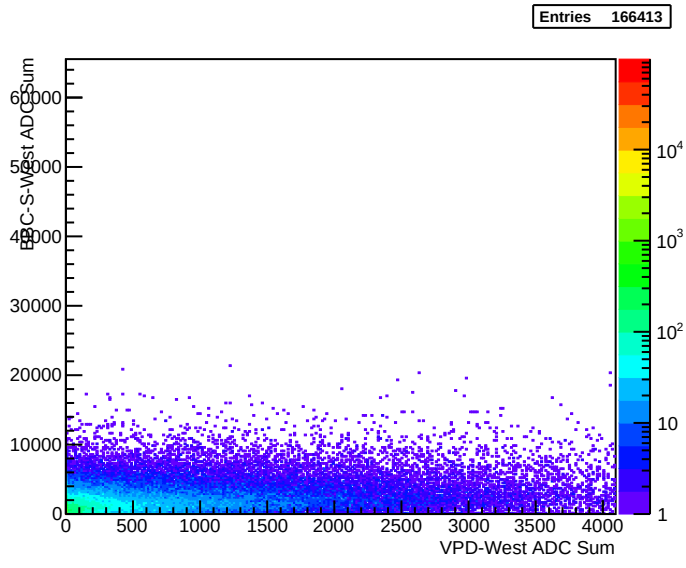

Entries 166413
TOF Mult
ZDC-East ADC Sum Att

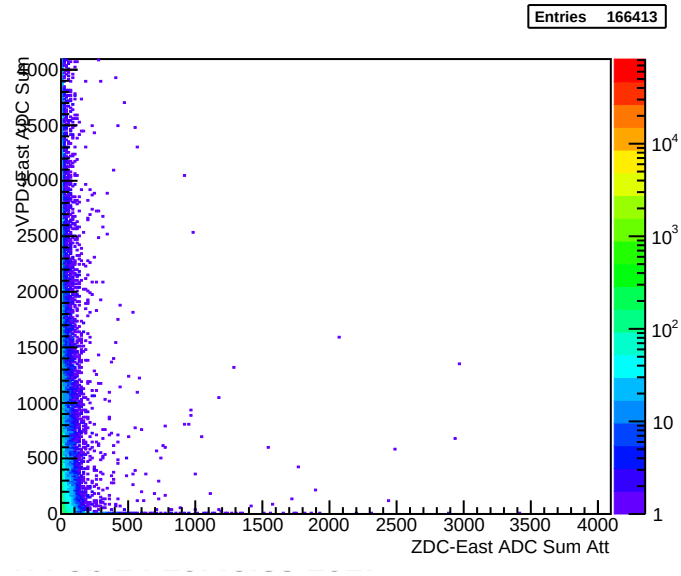

Entries 166413
TOF Mult
ZDC-West ADC Sum Att

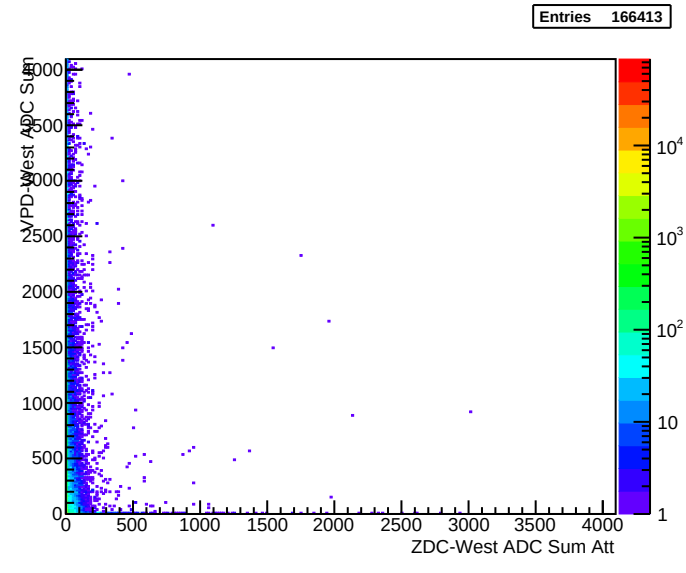

Entries 166413
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

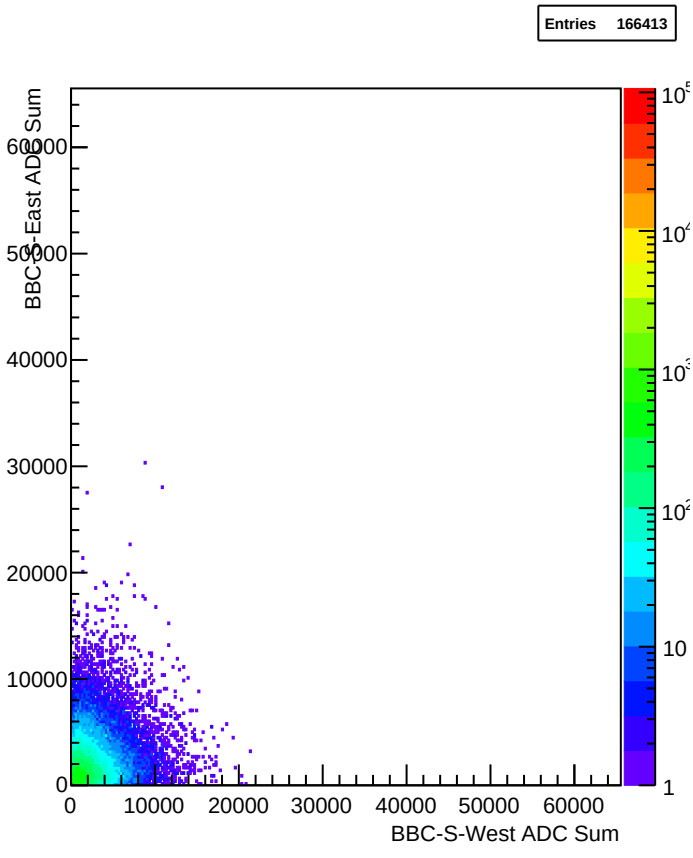

Entries 166413
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

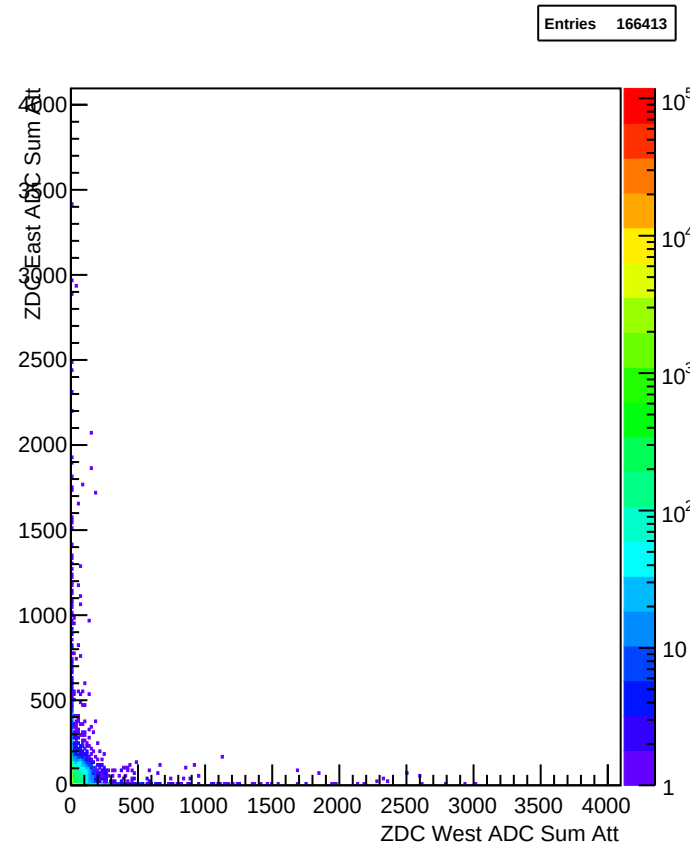

Entries 166413
BBC-S-East ADC Sum
VPD-East ADC Sum

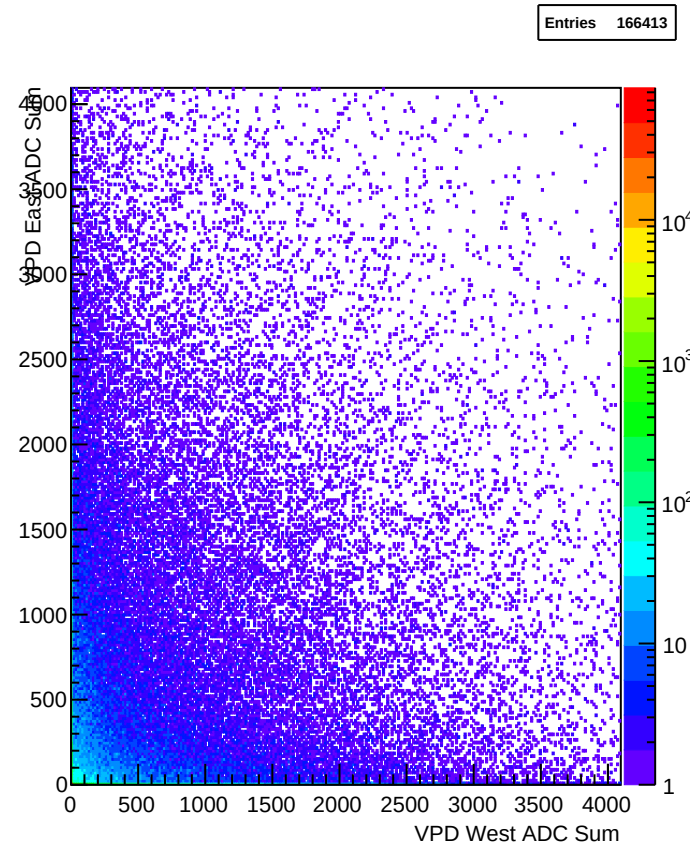

Entries 166413
BBC-S-West ADC Sum
VPD-West ADC Sum

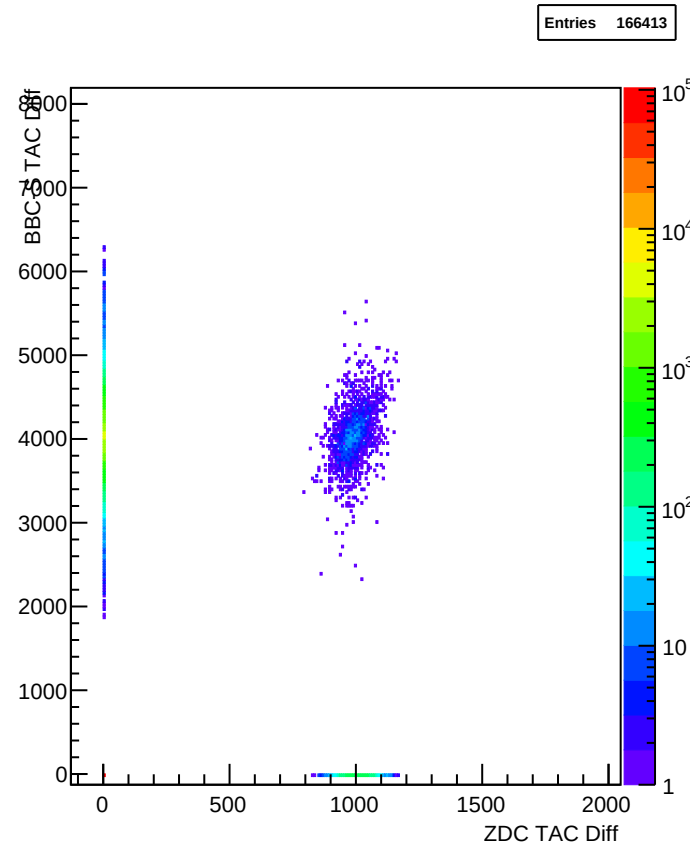

Entries 166413
VPD-East ADC Sum
ZDC-East ADC Sum Att

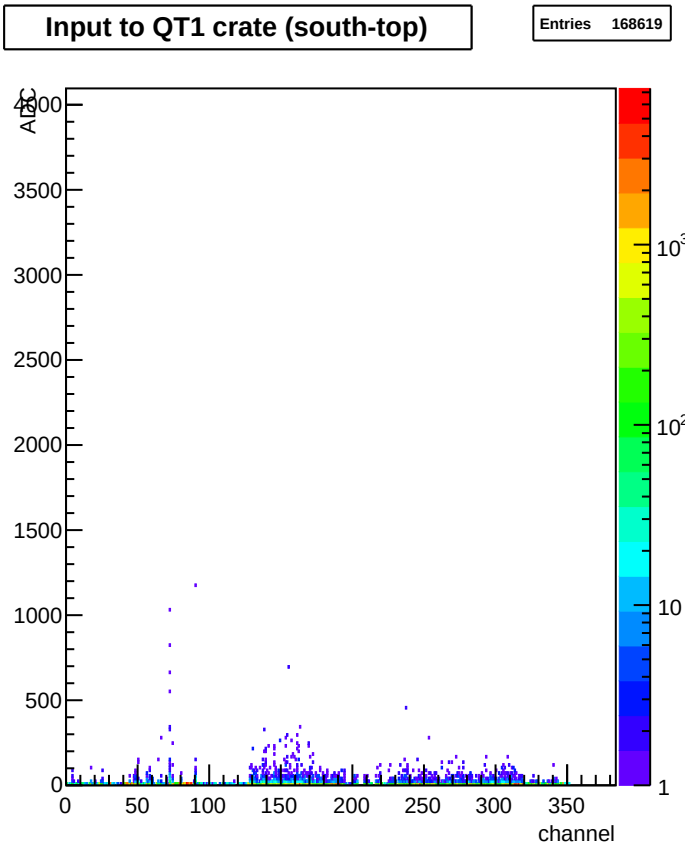

Entries 166413
VPD-West ADC Sum
ZDC-West ADC Sum Att

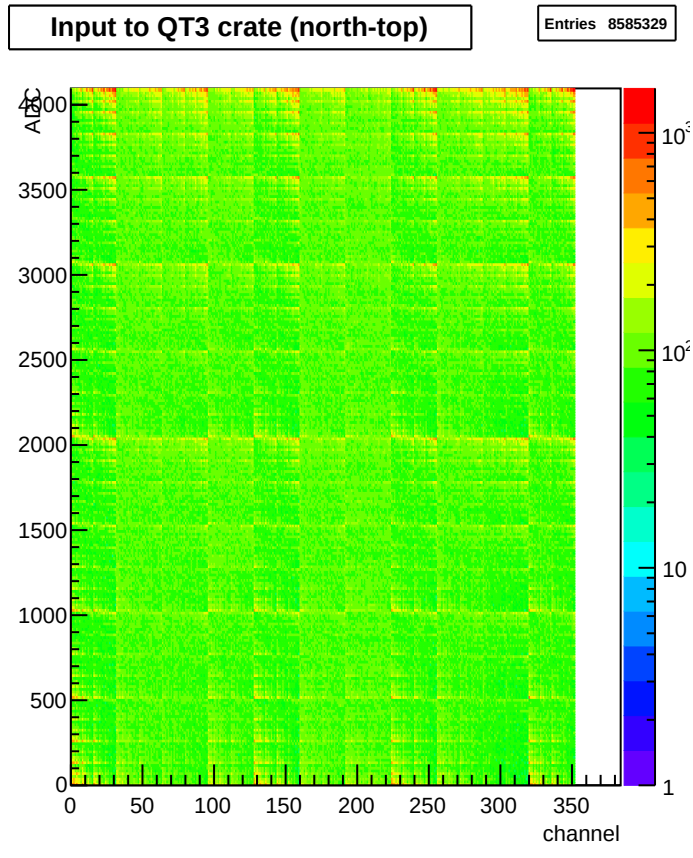

Entries 166413
BBC-S-East ADC Sum
BBC-S-West ADC Sum

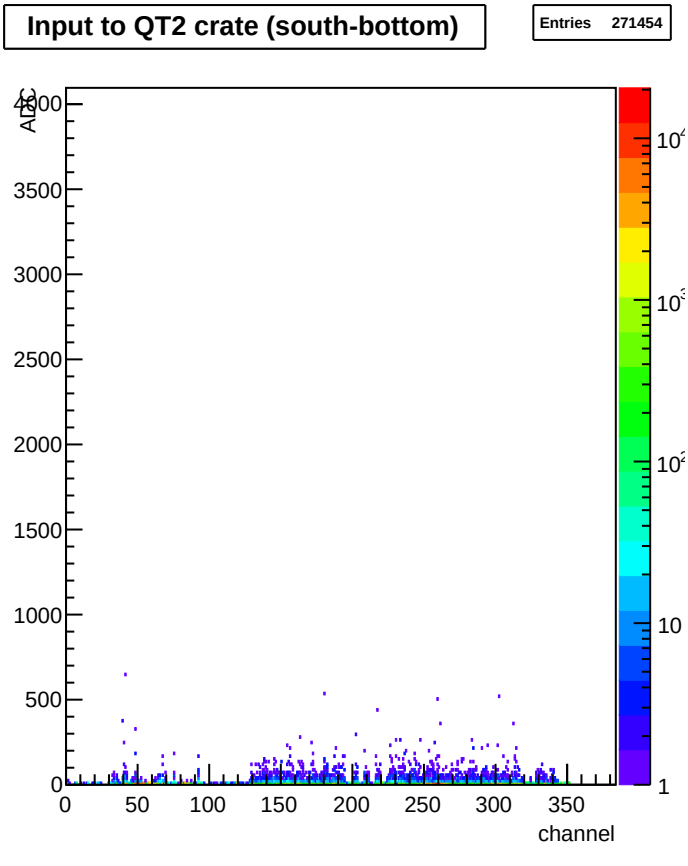

Entries 166413
ZDC East ADC Sum Att
ZDC West ADC Sum Att

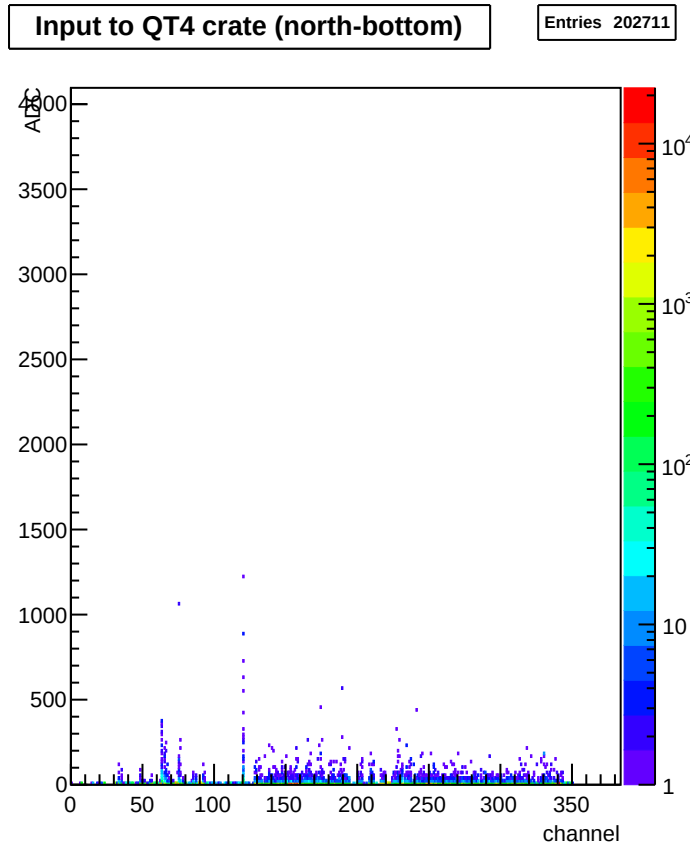

Entries 166413
VPD East ADC Sum
VPD West ADC Sum

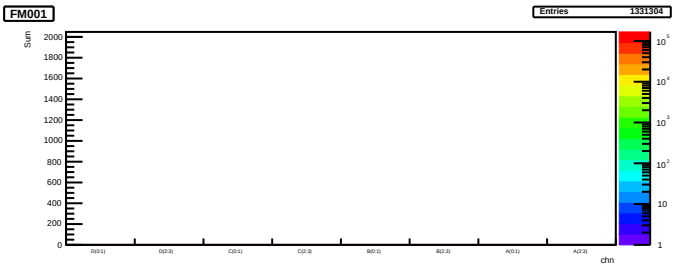

Entries 166413
BBC-S TAC Diff
ZDC TAC Diff

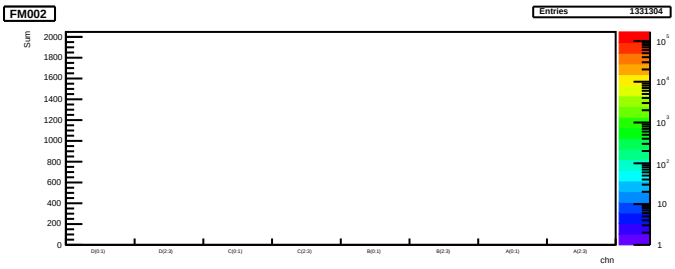

Input to QT1 crate (south-top)
Entries 168619
ADC
channel

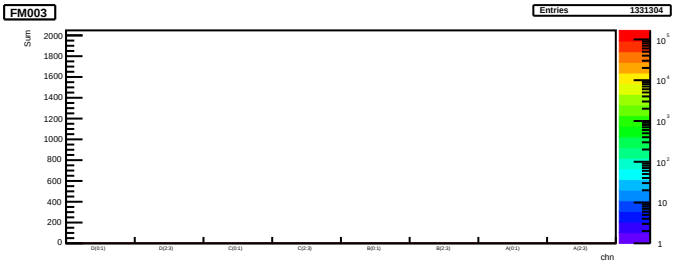

Input to QT3 crate (north-top)
Entries 8585329
ADC
channel

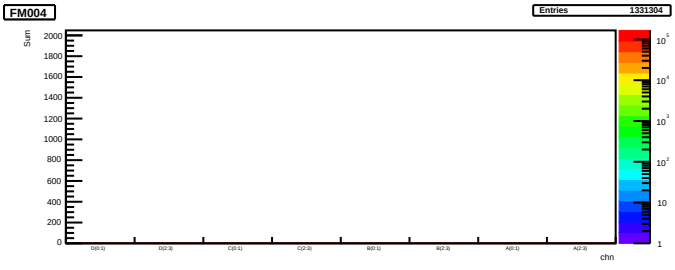

Input to QT2 crate (south-bottom)
Entries 271454
ADC
channel

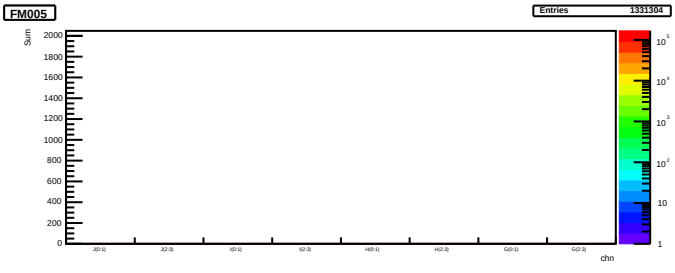

Input to QT4 crate (north-bottom)
Entries 202711
ADC
channel

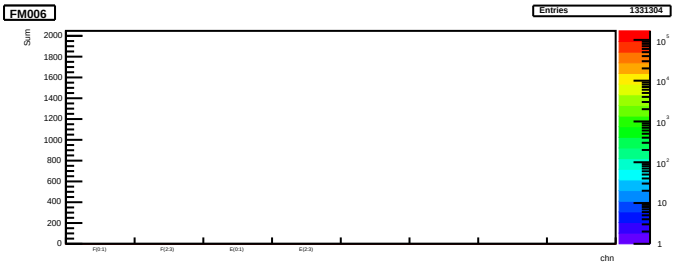

FM001
Entries 1331304
Sum
chn

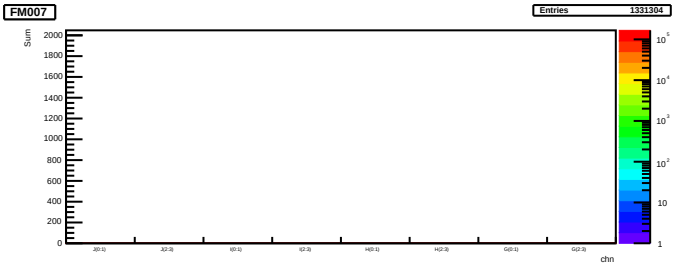

FM002
Entries 1331304
Sum
chn

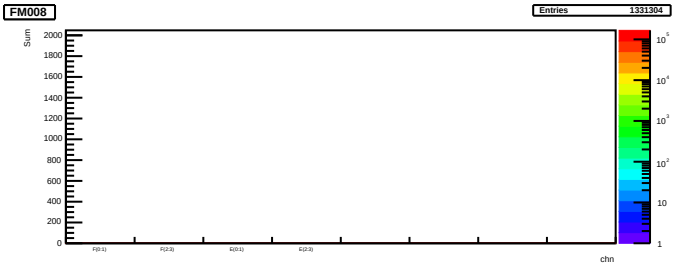

FM003
Entries 1331304
Sum
chn

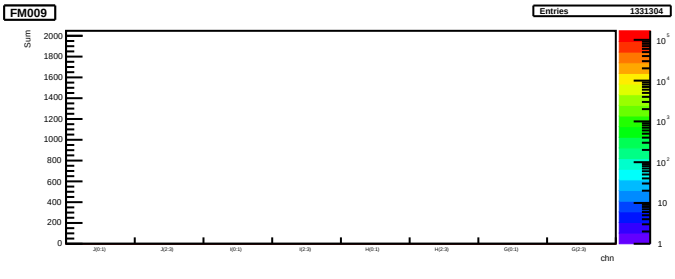

FM004
Entries 1331304
Sum
chn

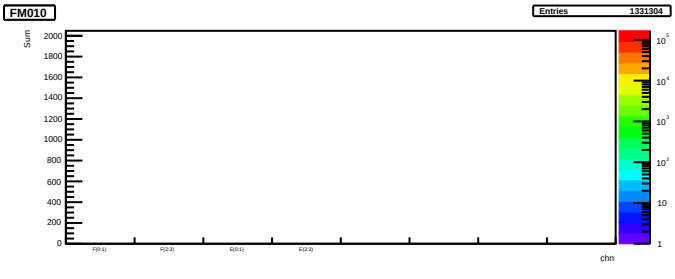

FM005
Entries 1331304
Sum
chn

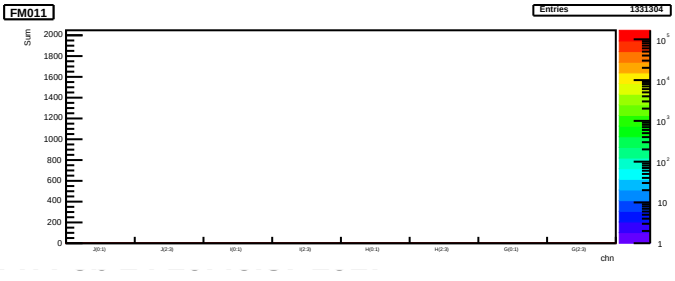

FM006
Entries 1331304
Sum
chn

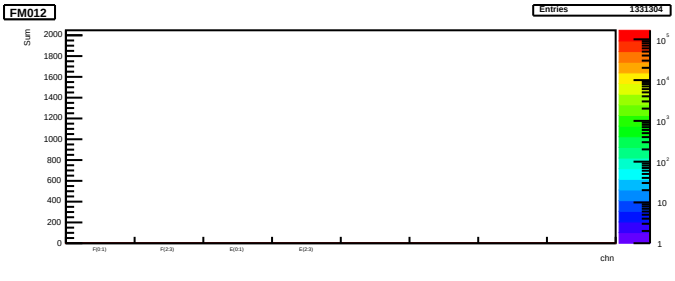

FM007
Entries 1331304
Sum
chn

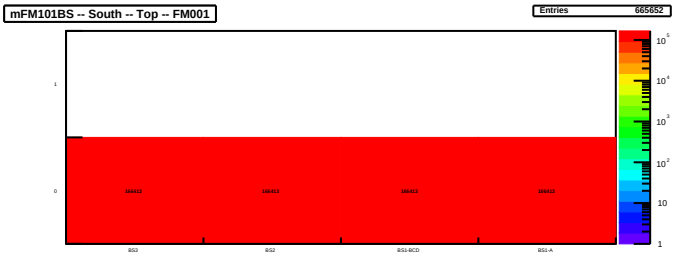

FM008
Entries 1331304
Sum
chn

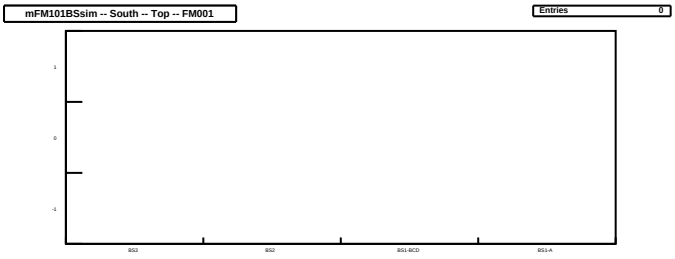

FM009
Entries 1331304
Sum
chn

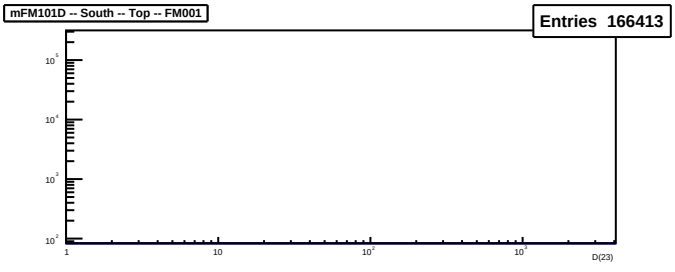

FM010
Entries 1331304
Sum
chn

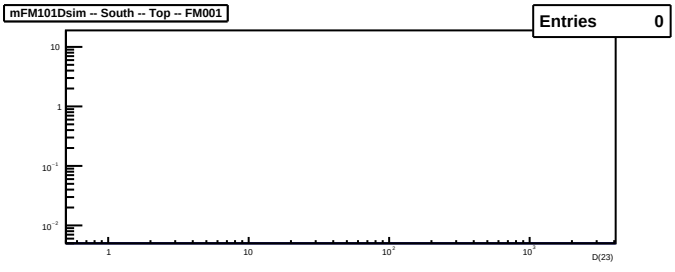

FM011
Entries 1331304
Sum
chn

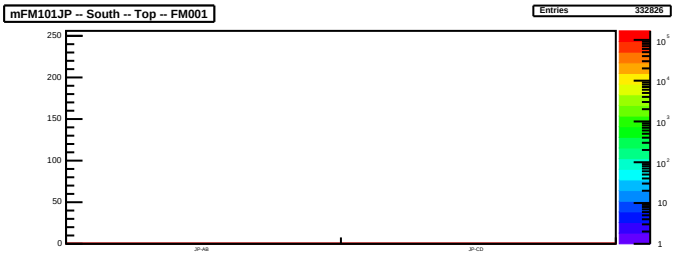

FM012
Entries 1331304
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 665652
166413
166413
166413
166413
BS3
BS2
BS1-BCD
BS1-A

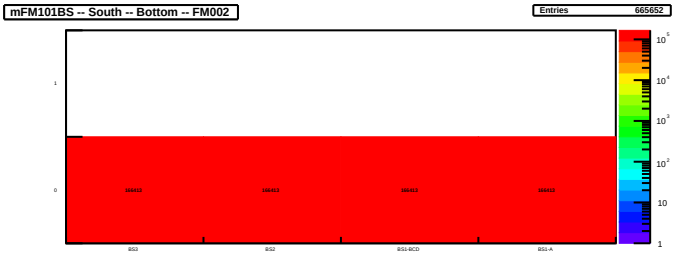

mFM101BSsim -- South -- Top -- FM001
Entries 0
BS3
BS2
BS1-BCD
BS1-A

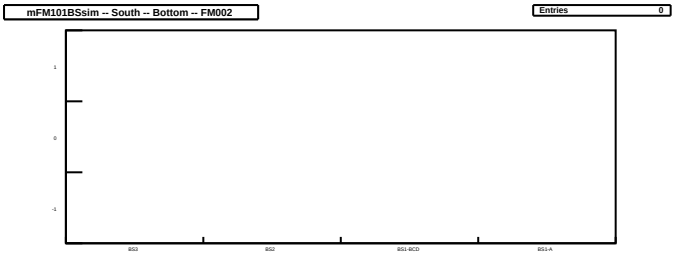

mFM101D -- South -- Top -- FM001
Entries 166413
D(23)

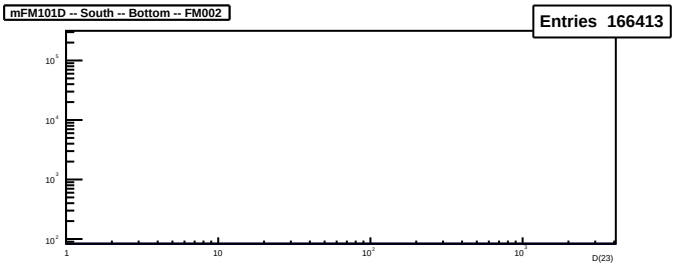

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

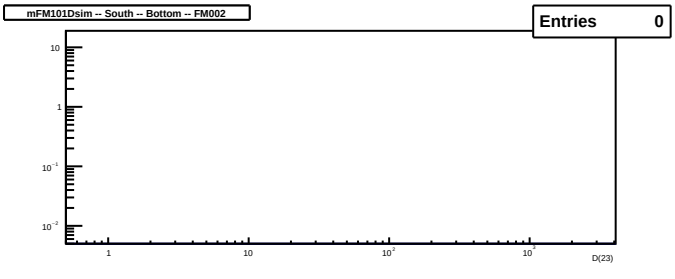

mFM101JP -- South -- Top -- FM001
Entries 332826
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 665652
166413
166413
166413
166413
BS3
BS2
BS1-BCD
BS1-A

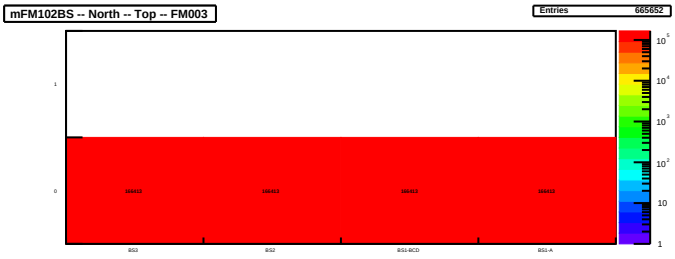

mFM101BSsim -- South -- Bottom -- FM002
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 166413
D(23)

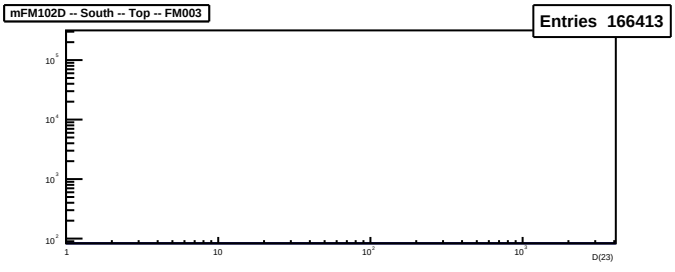

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

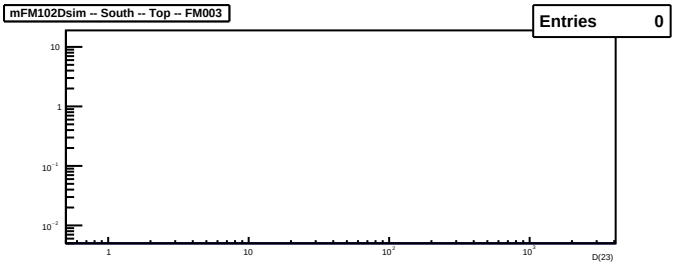
mFM101JP -- South -- Bottom -- FM002
Entries 332826
JP-AB
JP-CD

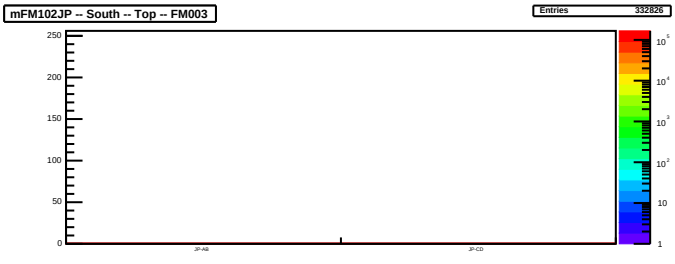
mFM101JPsim -- South -- Bottom -- FM002
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 665652
166413
166413
166413
166413
BS3
BS2
BS1-BCD
BS1-A

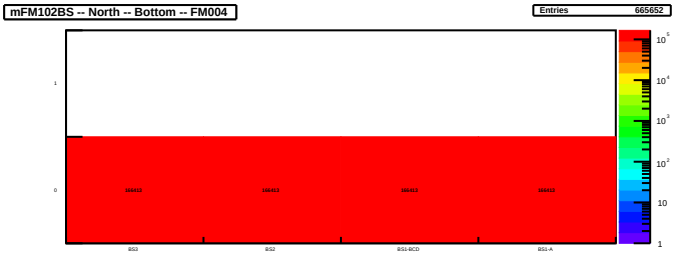
mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Top -- FM003
Entries 166413
D(23)

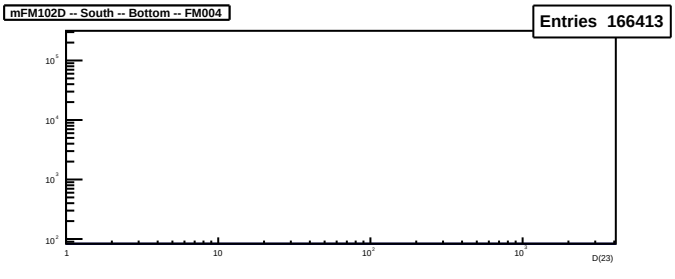

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

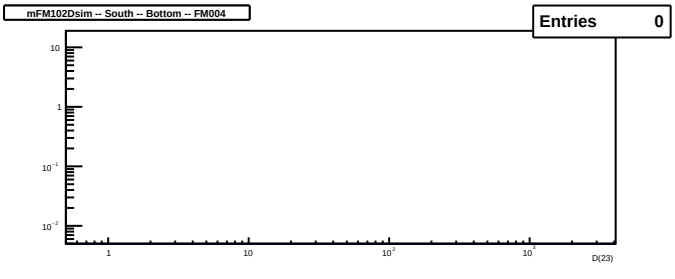

mFM102JP -- South -- Top -- FM003
Entries 332826
JP-AB
JP-CD

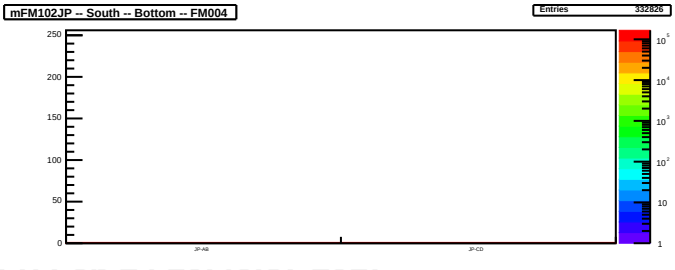
mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD

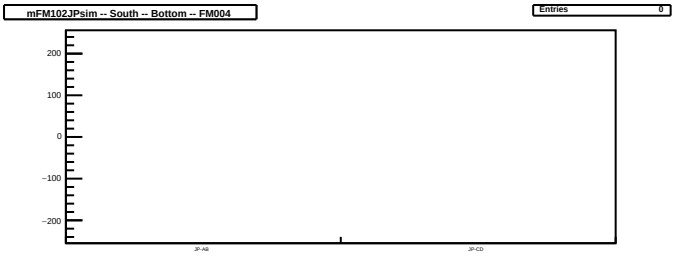

mFM102BS -- North -- Bottom -- FM004
Entries 665652
166413
166413
166413
166413
BS3
BS2
BS1-BCD
BS1-A

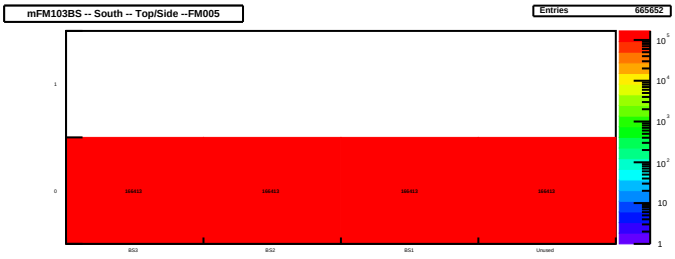
mFM102BSsim -- North -- Bottom -- FM004
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 166413
D(23)


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


mFM102JP -- South -- Bottom -- FM004
Entries 332826
JP-AB
JP-CD


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


mFM103BS -- South -- Top/Side --FM005
Entries 665652
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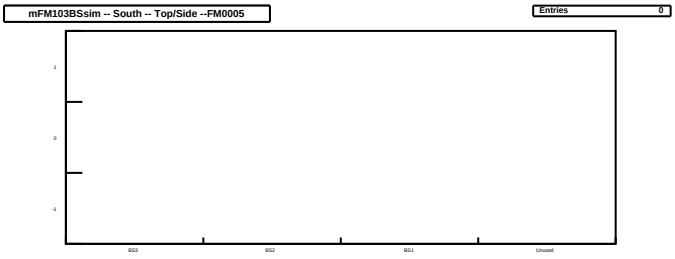
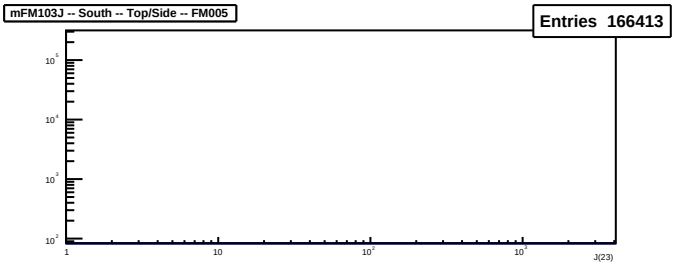
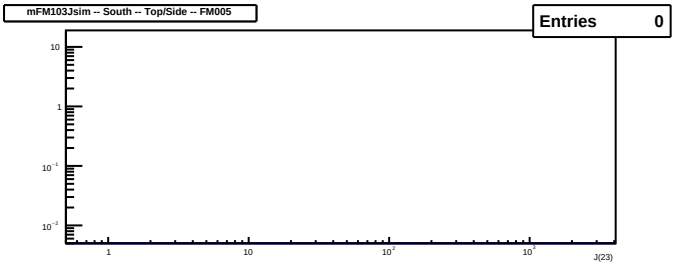
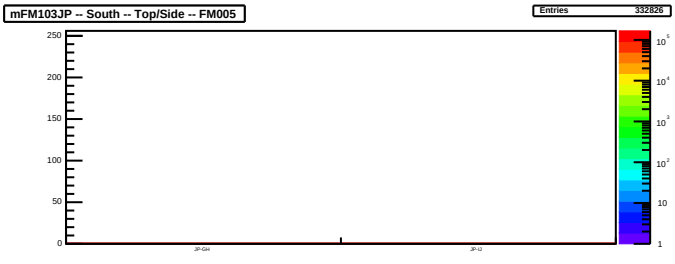
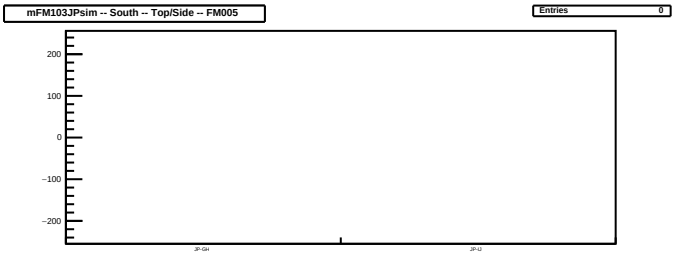
166413
166413
166413
BS3
BS2
BS1
Unused

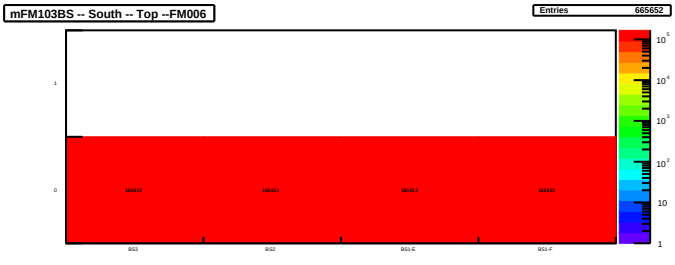

mFM103BSsim -- South -- Top/Side --FM0005
Entries 0
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 166413
J(23)


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


mFM103JP -- South -- Top/Side -- FM005
Entries 332826
JP-GH
JP-U


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


mFM103BS -- South -- Top --FM006
Entries 665652
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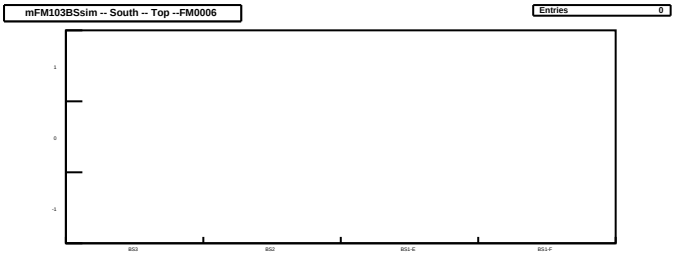
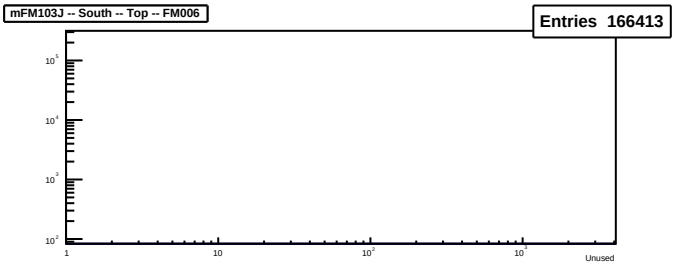
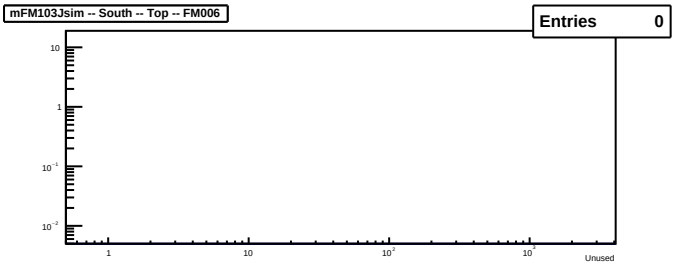
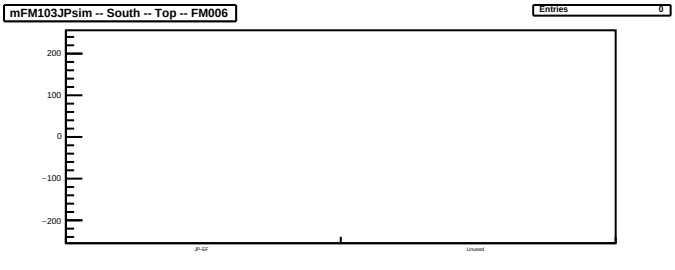
166413
166413
166413
BS3
BS2
BS1-E
BS1-F

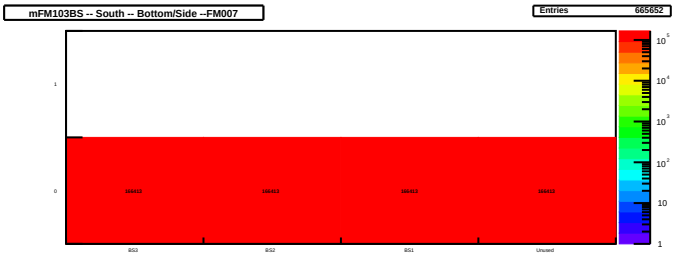

mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F

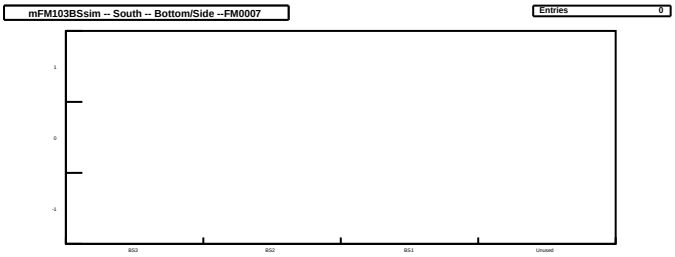

mFM103J -- South -- Top -- FM006
Entries 166413
Unused

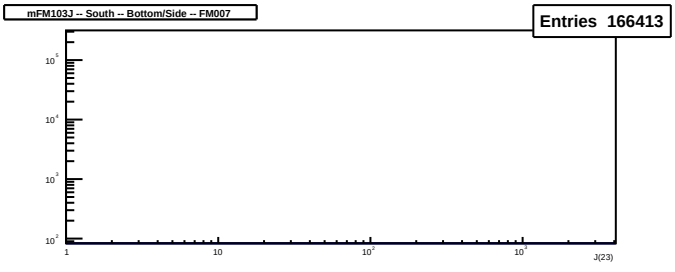

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

mFM103JP -- South -- Top -- FM006
Entries 332826
JP-EF
Unused


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


mFM103BS -- South -- Bottom/Side --FM007
Entries 665652
166413
166413
166413
166413
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 0
BS3
BS2
BS1
Unused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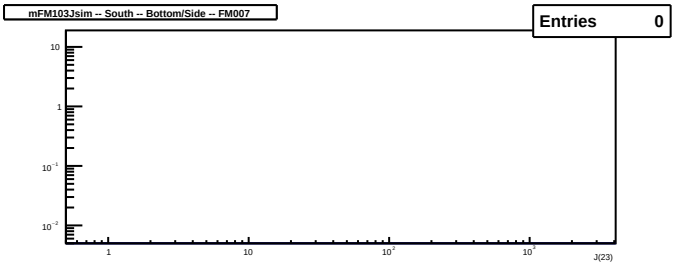
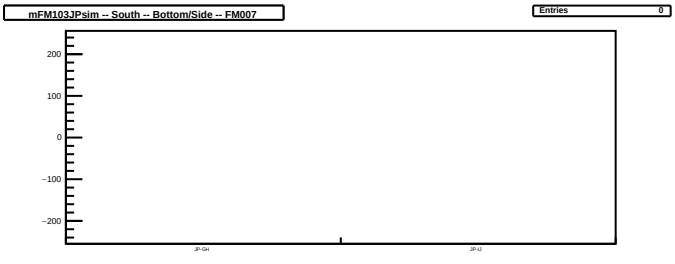
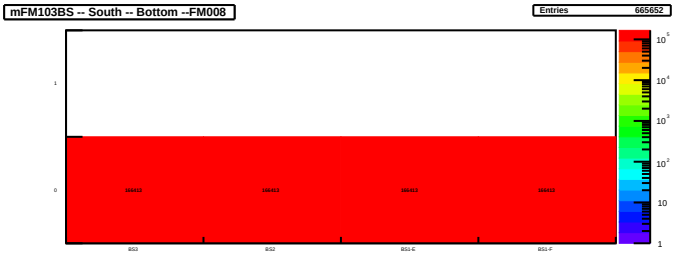
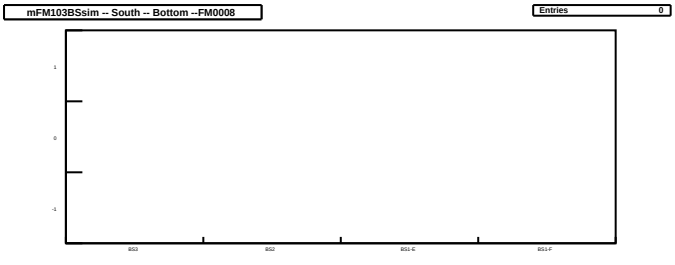
Entries 166413
J(23)

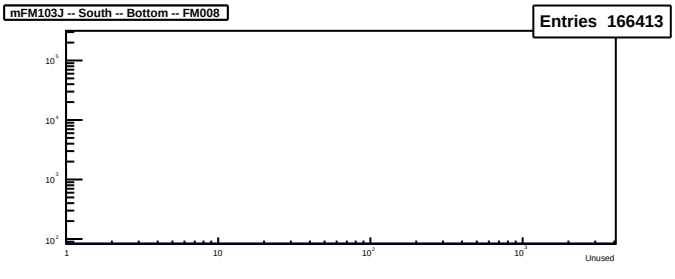

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

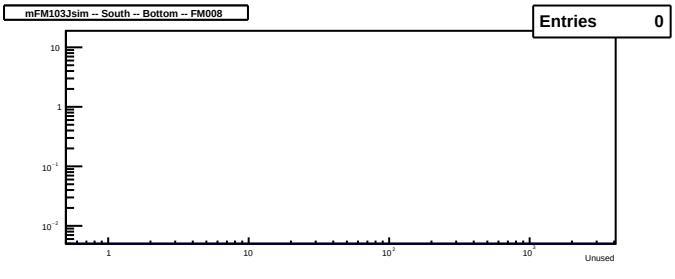
mFM103JP -- South -- Bottom/Side -- FM007
Entries 332826
JP-GH
JP-IJ

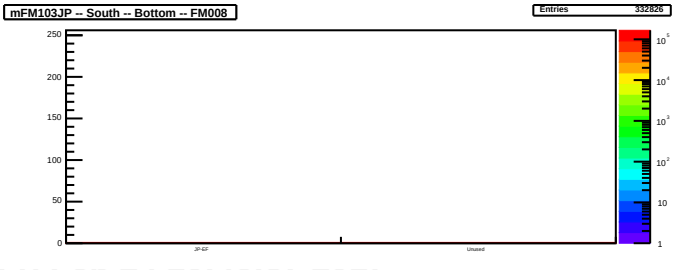

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ

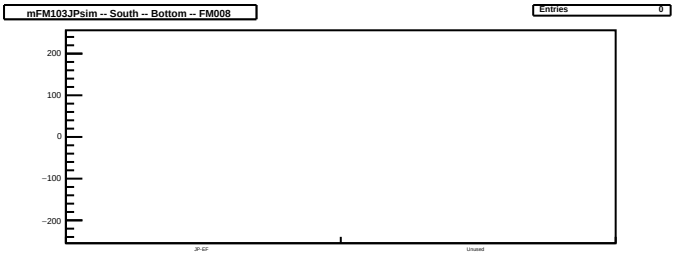

mFM103BS -- South -- Bottom --FM008
Entries 665652
166413
166413
166413
166413
BS3
BS2
BS1-E
BS1-F

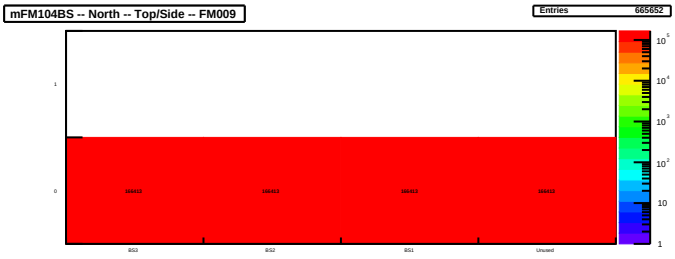

mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 166413
Unused


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


mFM103JP -- South -- Bottom -- FM008
Entries 332826
JP-EF
Unused


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


mFM104BS -- North -- Top/Side -- FM009
Entries 665652
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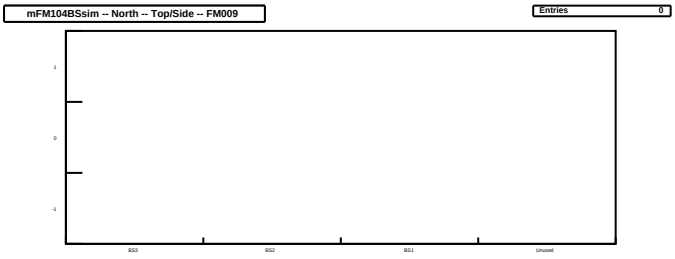
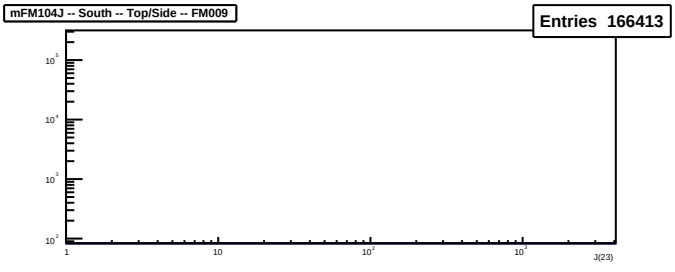
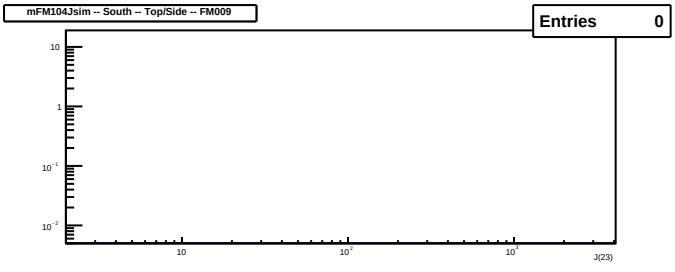
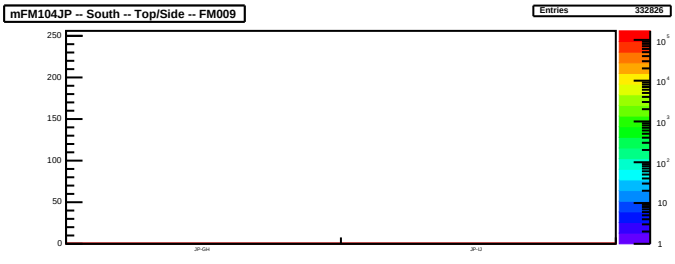
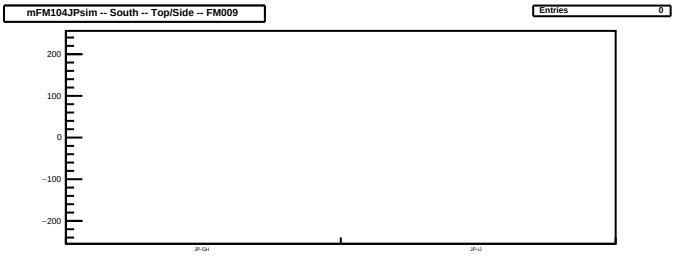
166413
166413
166413
BS3
BS2
BS1
Unused

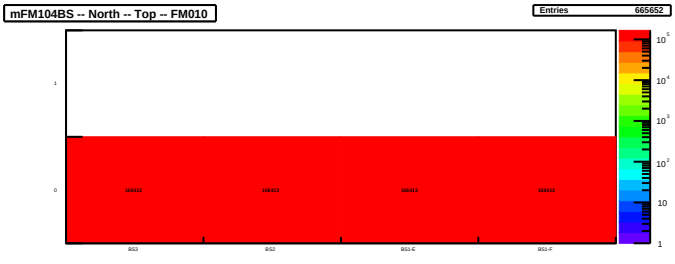

mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused

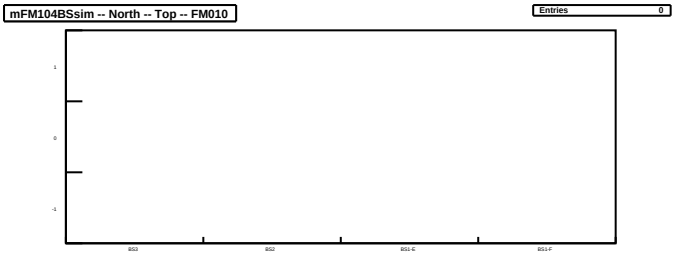

mFM104J -- South -- Top/Side -- FM009
Entries 166413
J(23)

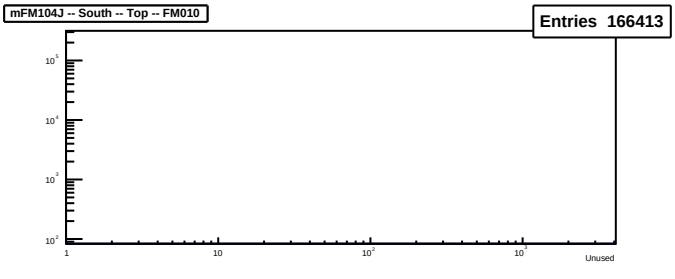

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

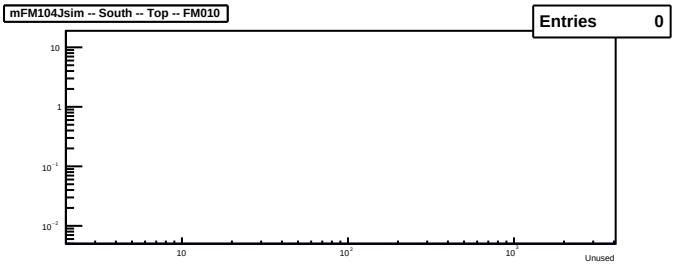

mFM104JP -- South -- Top/Side -- FM009
Entries 332826
JP-GH
JP-IJ


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

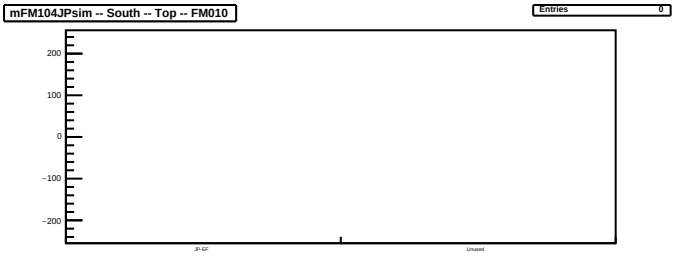

mFM104BS -- North -- Top -- FM010
Entries 665652
166413
166413
166413
166413
BS3
BS2
BS1-E
BS1-F

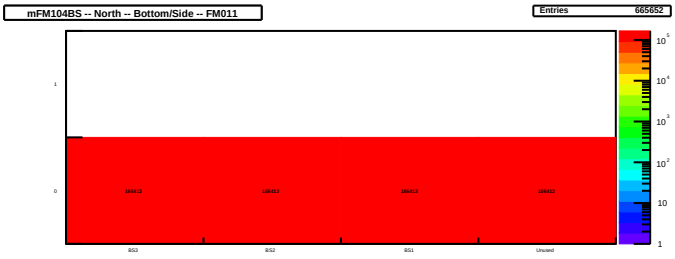

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

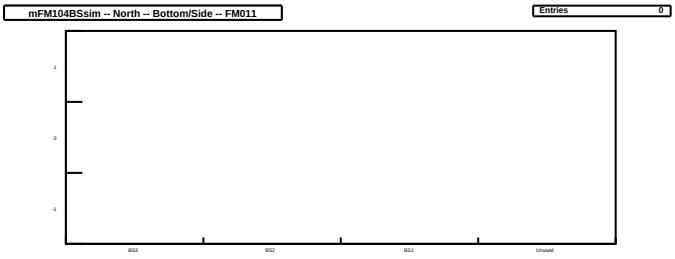

mFM104J -- South -- Top -- FM010
Entries 166413
Unused

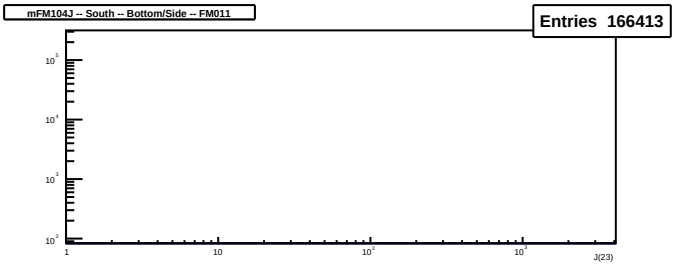

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

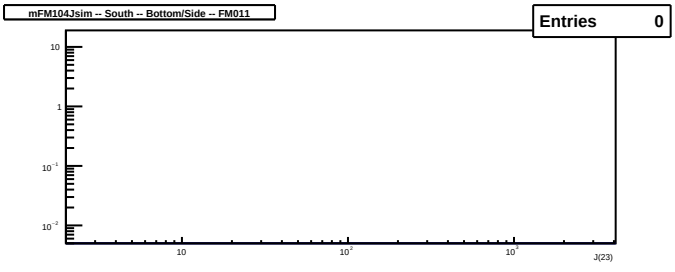
mFM104JP -- South -- Top -- FM010
Entries 332826
JP-EF
Unused

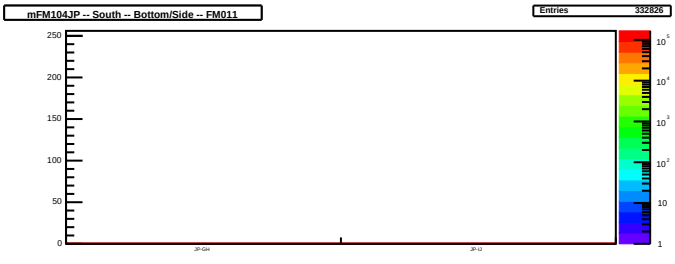

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

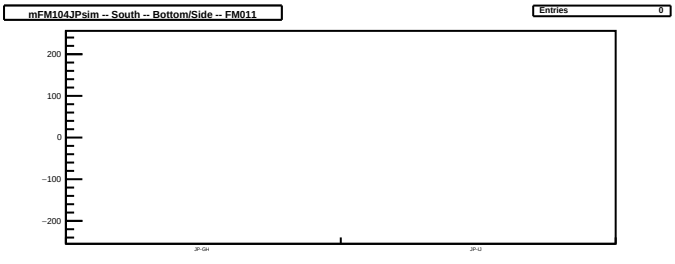

mFM104BS -- North -- Bottom/Side -- FM011
Entries 665652
166413
166413
166413
166413
BS3
BS2
BS1
Unused

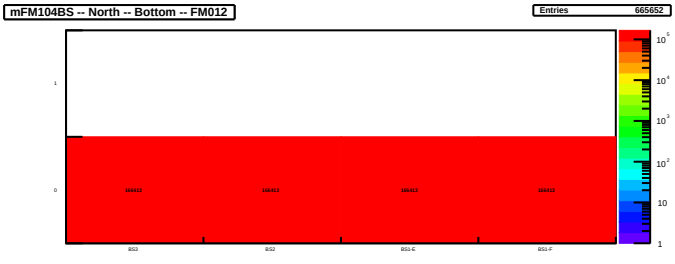

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

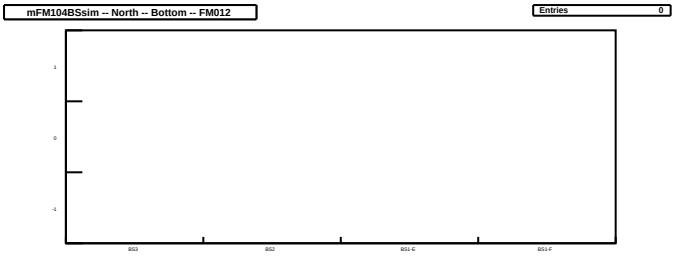

mFM104J -- South -- Bottom/Side -- FM011
Entries 166413
J(23)

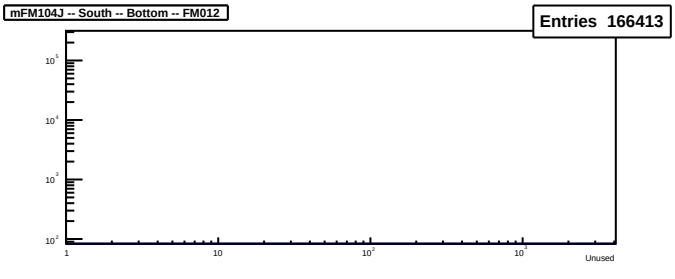

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

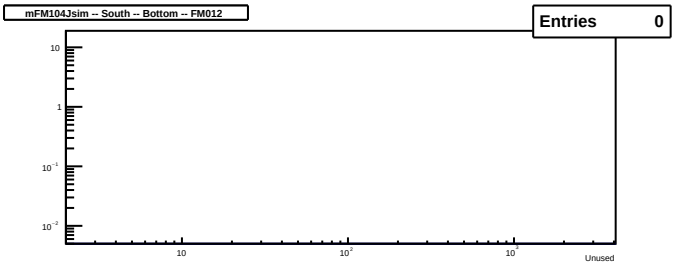

mFM104JP -- South -- Bottom/Side -- FM011
Entries 332826
JP-GH
JP-U


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

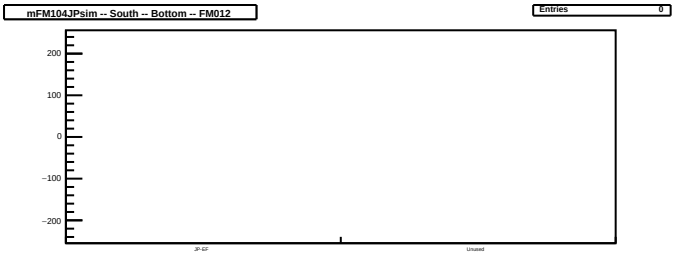

mFM104BS -- North -- Bottom -- FM012
Entries 665652
166413
166413
166413
166413
BS3
BS2
BS1-E
BS1-F

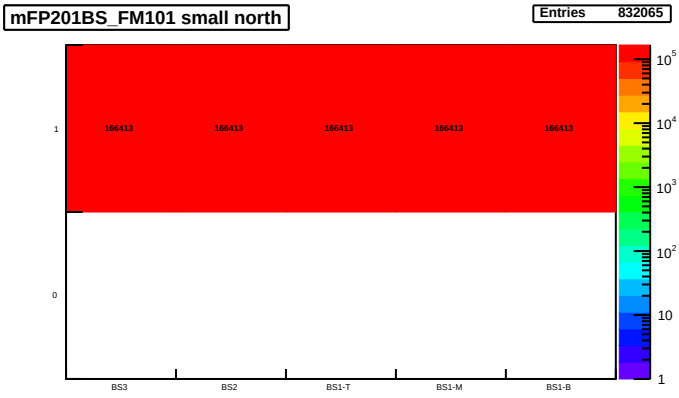

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

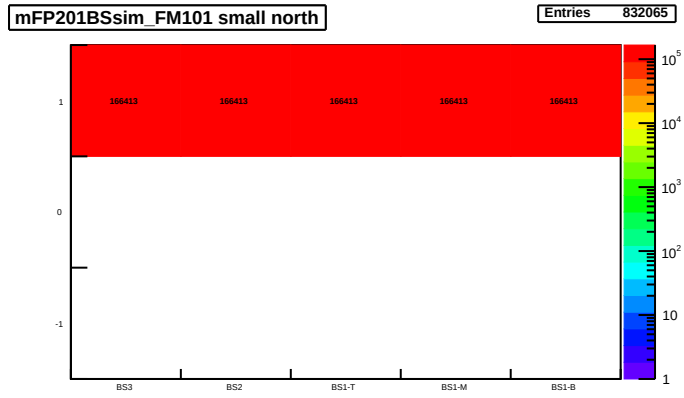

mFM104J -- South -- Bottom -- FM012
Entries 166413
Unused

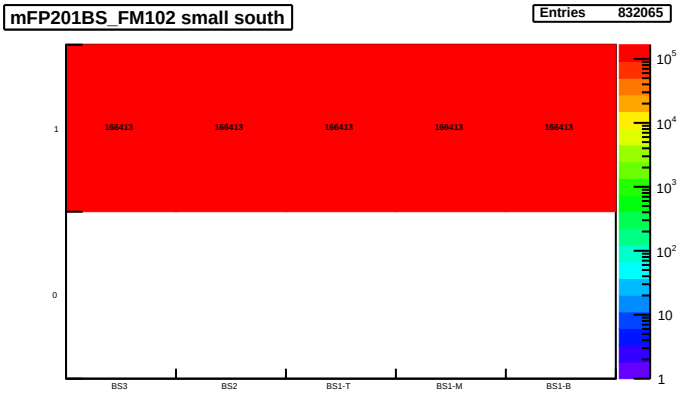

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

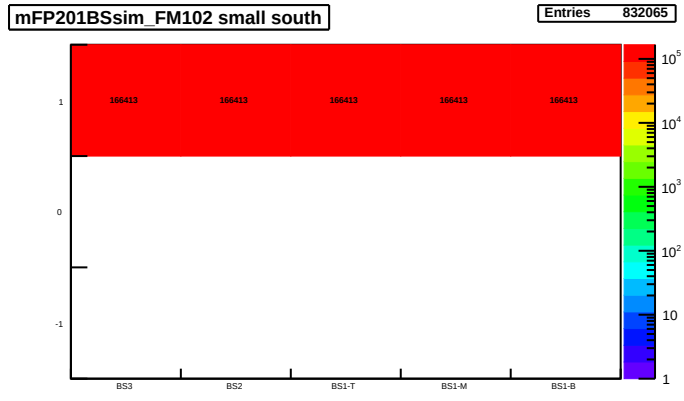
mFM104JP -- South -- Bottom -- FM012
Entries 332826
JP-EF
Unused

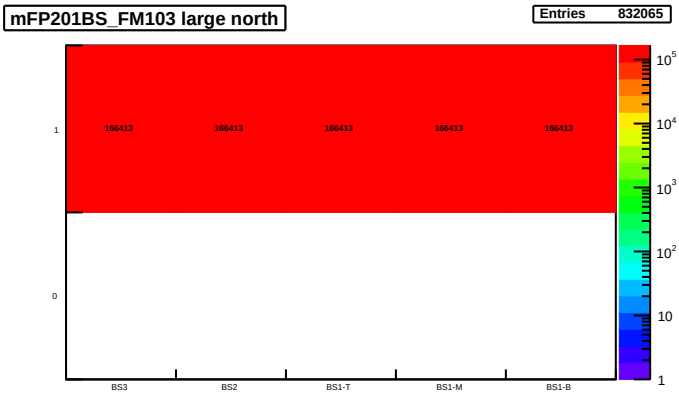

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

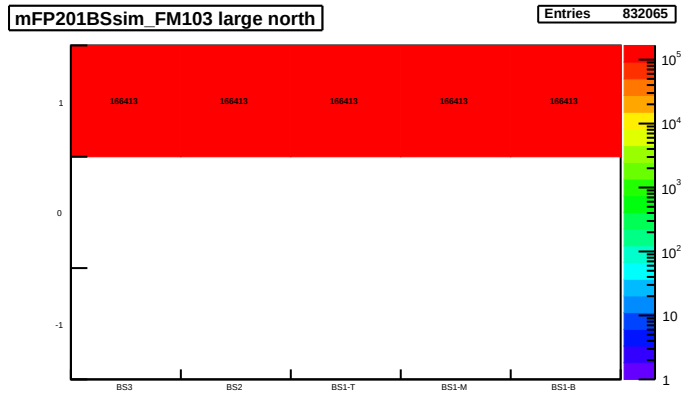

mFP201BS_FM101 small north
Entries 832065
166413
BS3
BS2
BS1-T
BS1-M
BS1-B

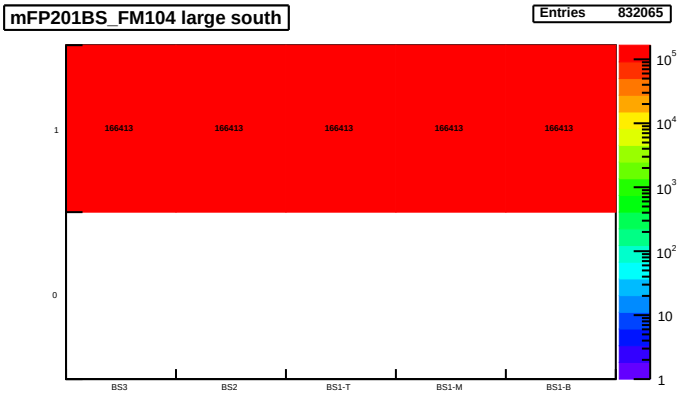

mFP201BSsim_FM101 small north
Entries 832065
166413
BS3
BS2
BS1-T
BS1-M
BS1-B

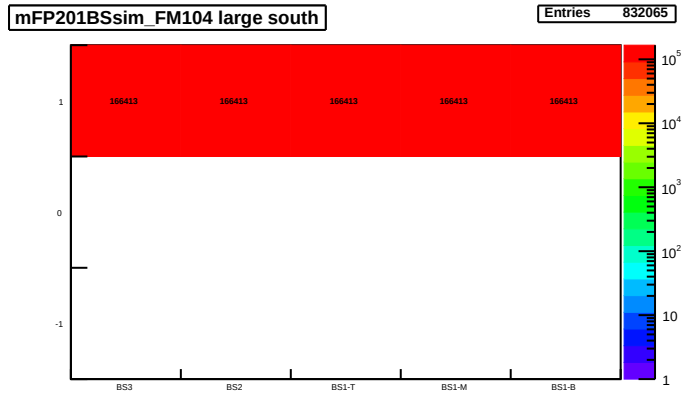

mFP201BS_FM102 small south
Entries 832065
166413
BS3
BS2
BS1-T
BS1-M
BS1-B

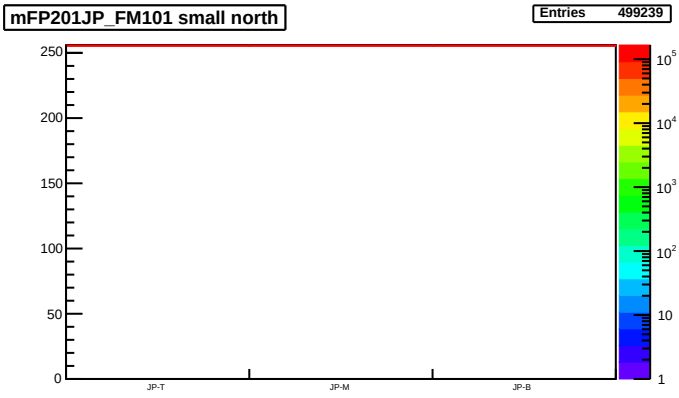

mFP201BSsim_FM102 small south
Entries 832065
166413
BS3
BS2
BS1-T
BS1-M
BS1-B

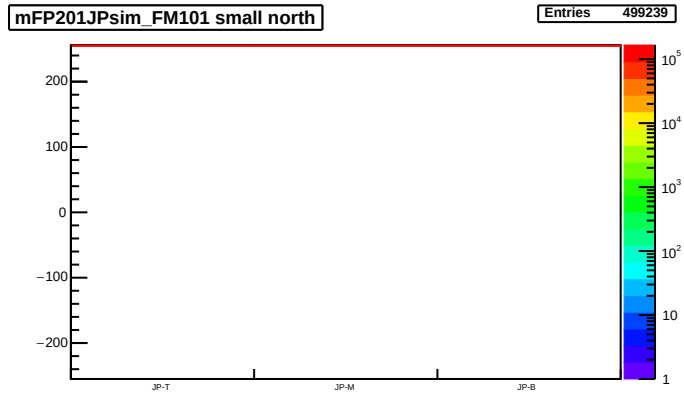

mFP201BS_FM103 large north
Entries 832065
166413
BS3
BS2
BS1-T
BS1-M
BS1-B

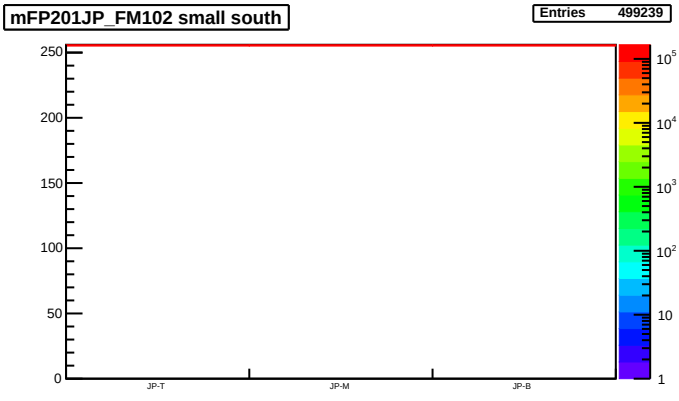

mFP201BSsim_FM103 large north
Entries 832065
166413
BS3
BS2
BS1-T
BS1-M
BS1-B

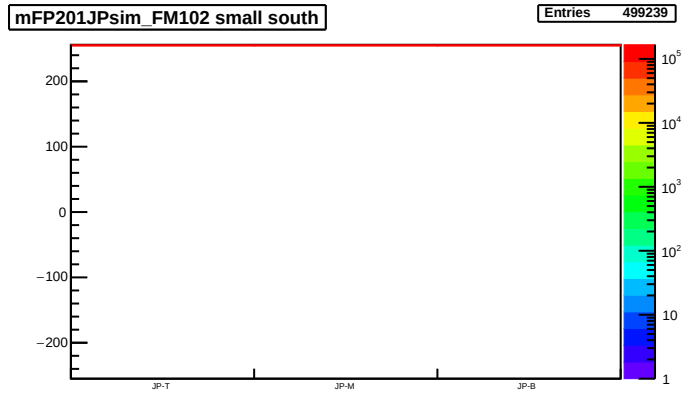

mFP201BS_FM104 large south
Entries 832065
166413
BS3
BS2
BS1-T
BS1-M
BS1-B

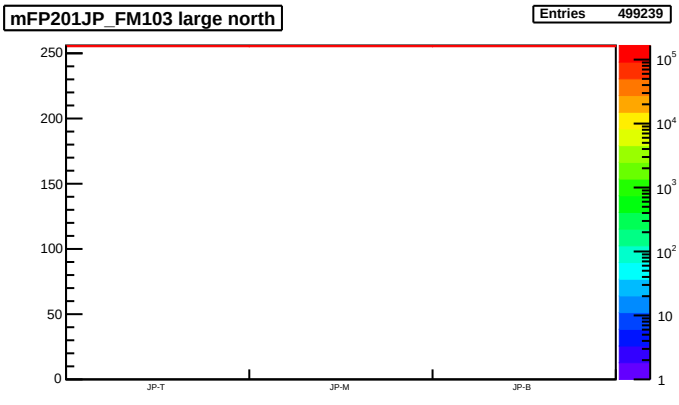

mFP201BSsim_FM104 large south
Entries 832065
166413
BS3
BS2
BS1-T
BS1-M
BS1-B

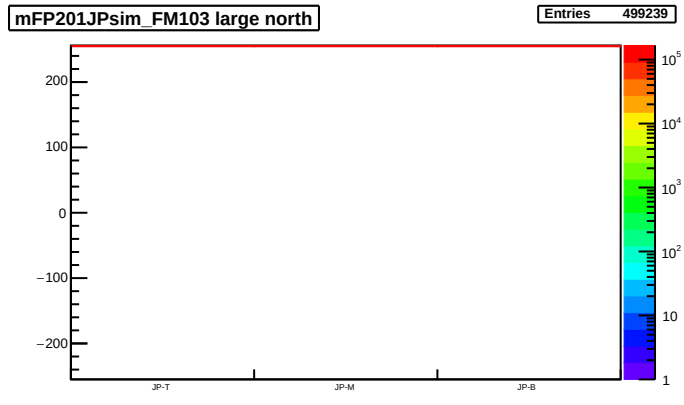

mFP201JP_FM101 small north
Entries 499239
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

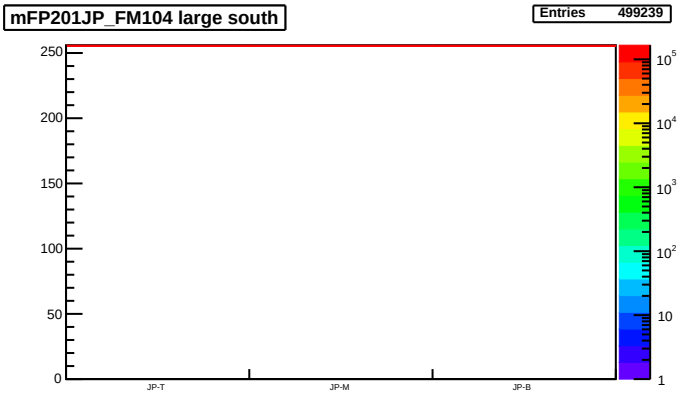

mFP201JPsim_FM101 small north
Entries 499239
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

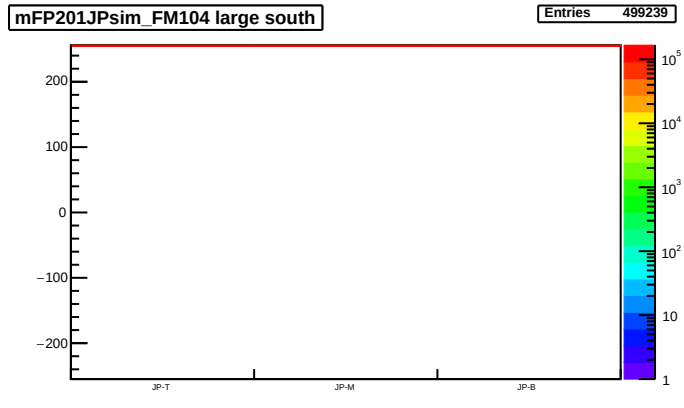

mFP201JP_FM102 small south
Entries 499239
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

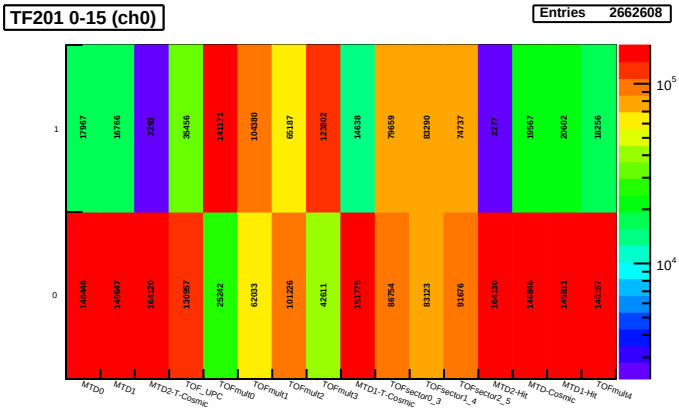

mFP201JPsim_FM102 small south
Entries 499239
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

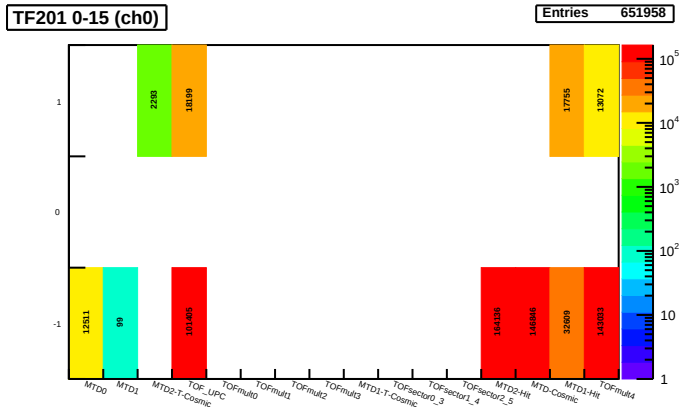

mFP201JP_FM103 large north
Entries 499239
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

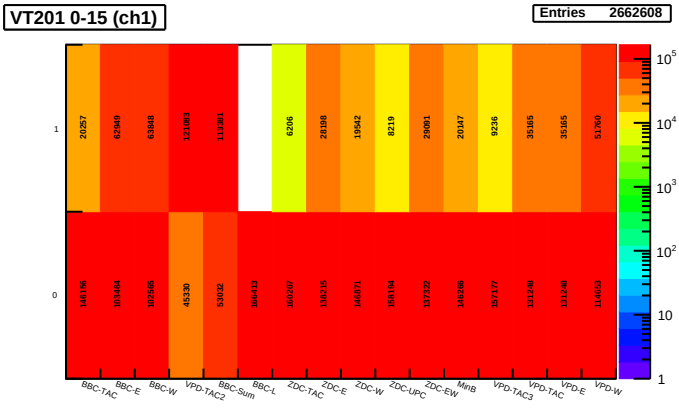

mFP201JPsim_FM103 large north
Entries 499239
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

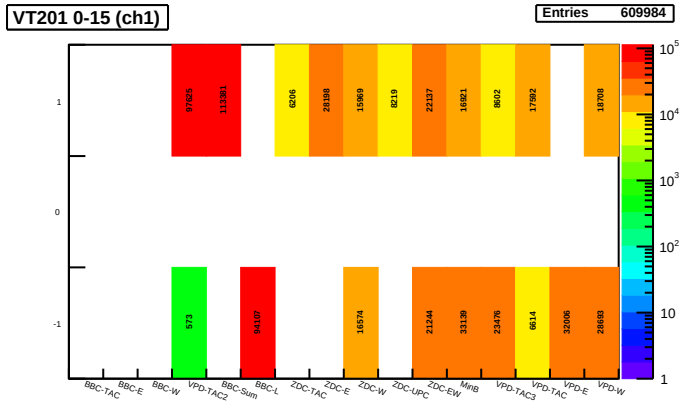

mFP201JP_FM104 large south
Entries 499239
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

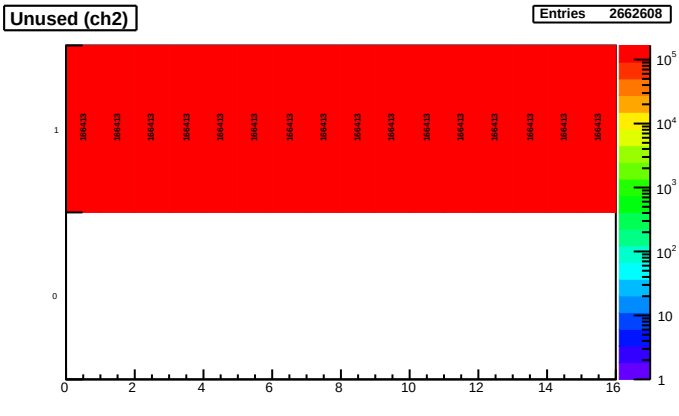

mFP201JPsim_FM104 large south
Entries 499239
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

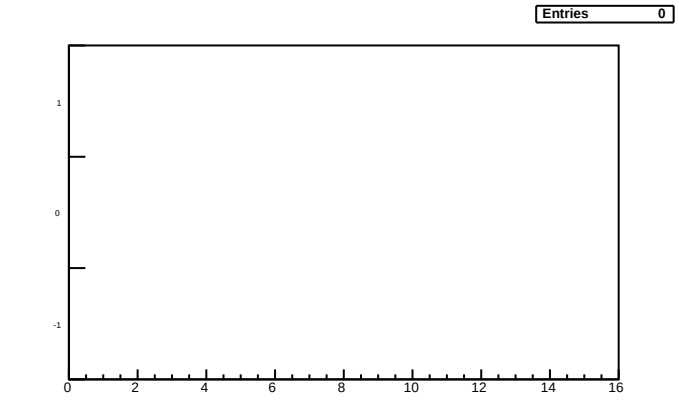

TF201 0-15 (ch0)
Entries 2662608
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

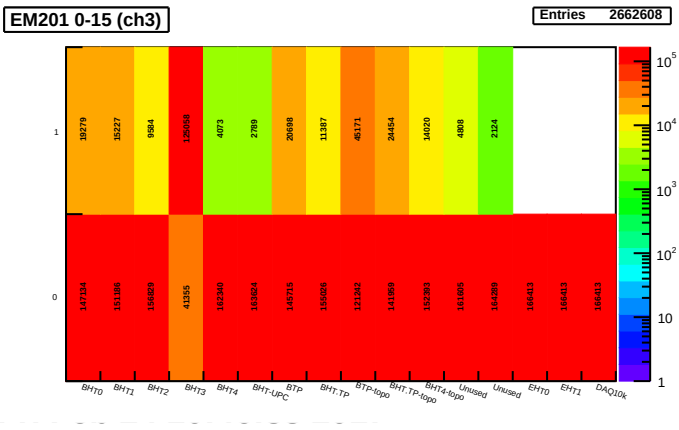

TF201 0-15 (ch0)
Entries 651958
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

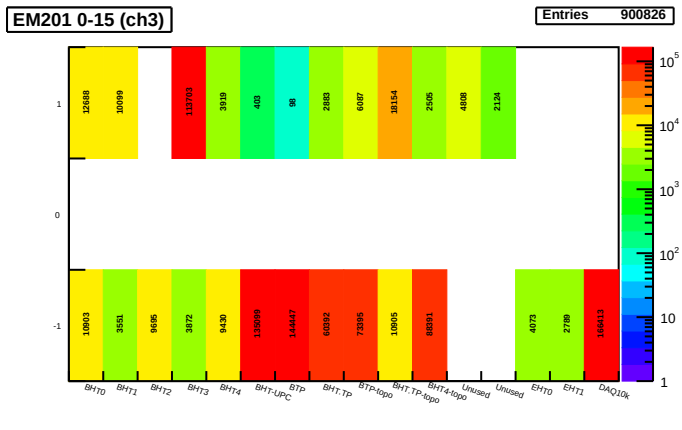

VT201 0-15 (ch1)
Entries 2662608
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

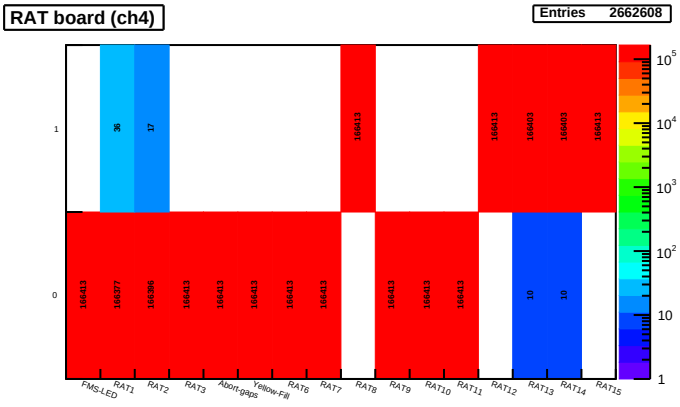

VT201 0-15 (ch1)
Entries 609984
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

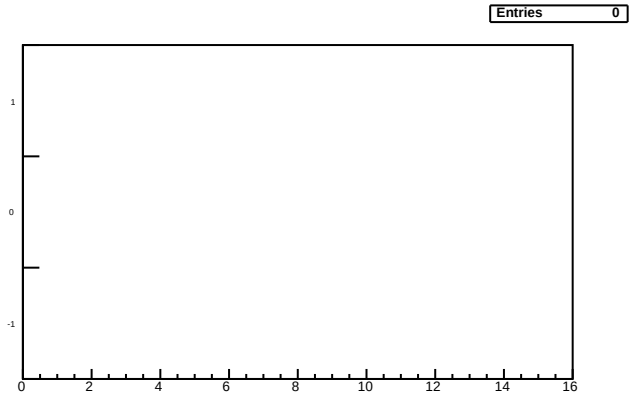

Unused (ch2)
Entries 2662608

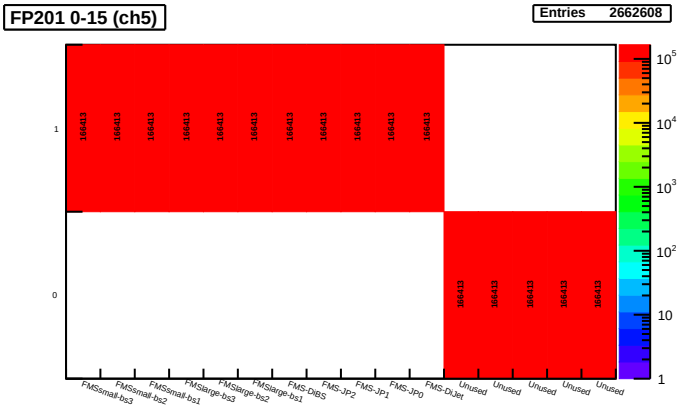

Entries 0

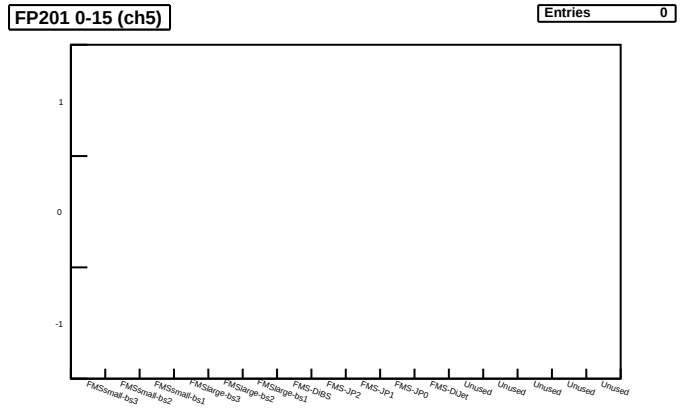

EM201 0-15 (ch3)
Entries 2662608
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

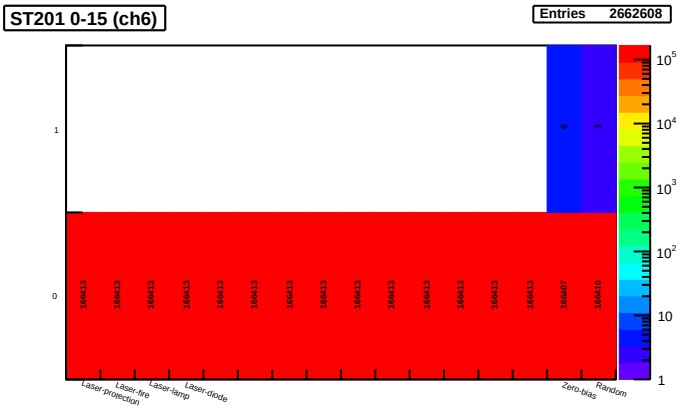

EM201 0-15 (ch3)
Entries 900826
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

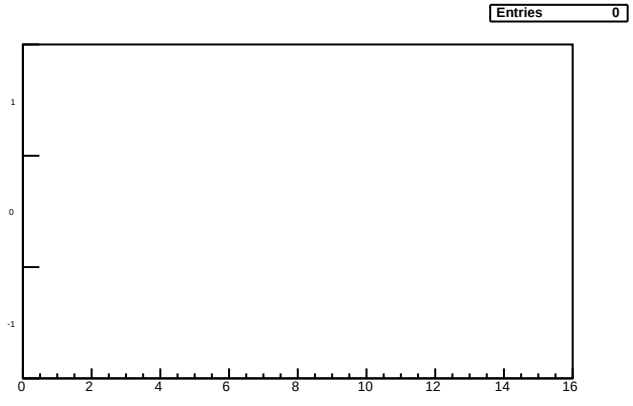

RAT board (ch4)
Entries 2662608
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

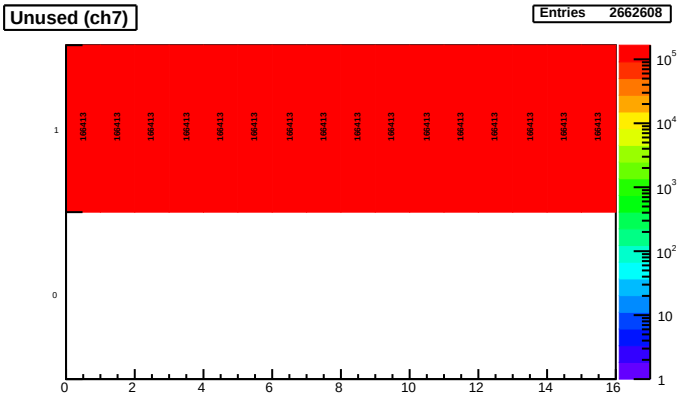

Entries 0

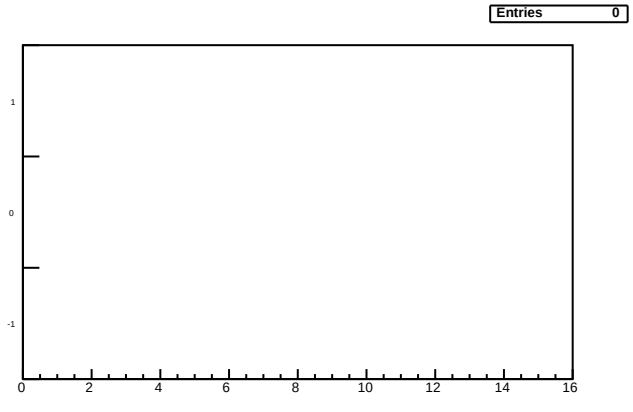

FP201 0-15 (ch5)
Entries 2662608
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


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


ST201 0-15 (ch6)
Entries 2662608
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 2662608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