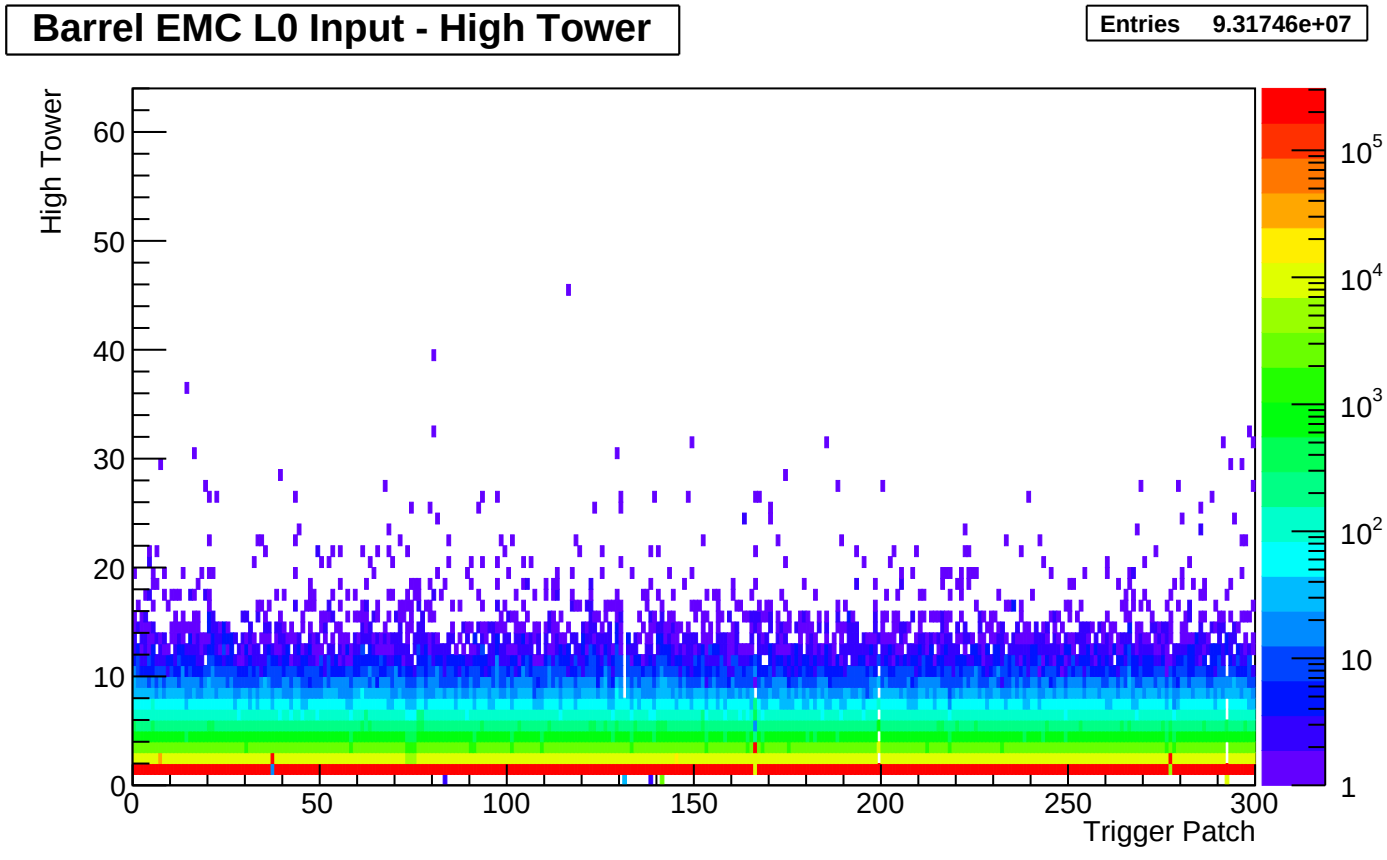
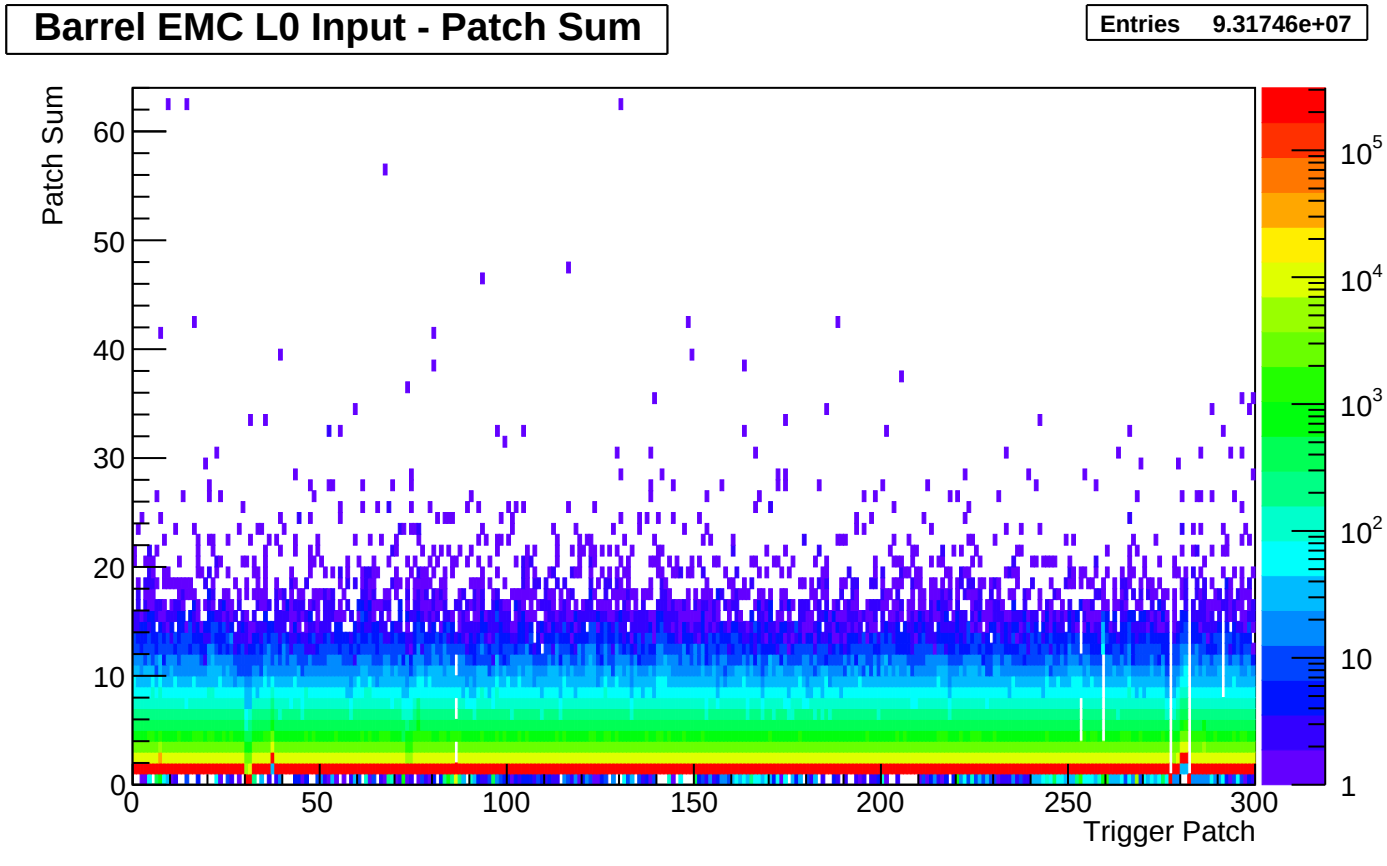
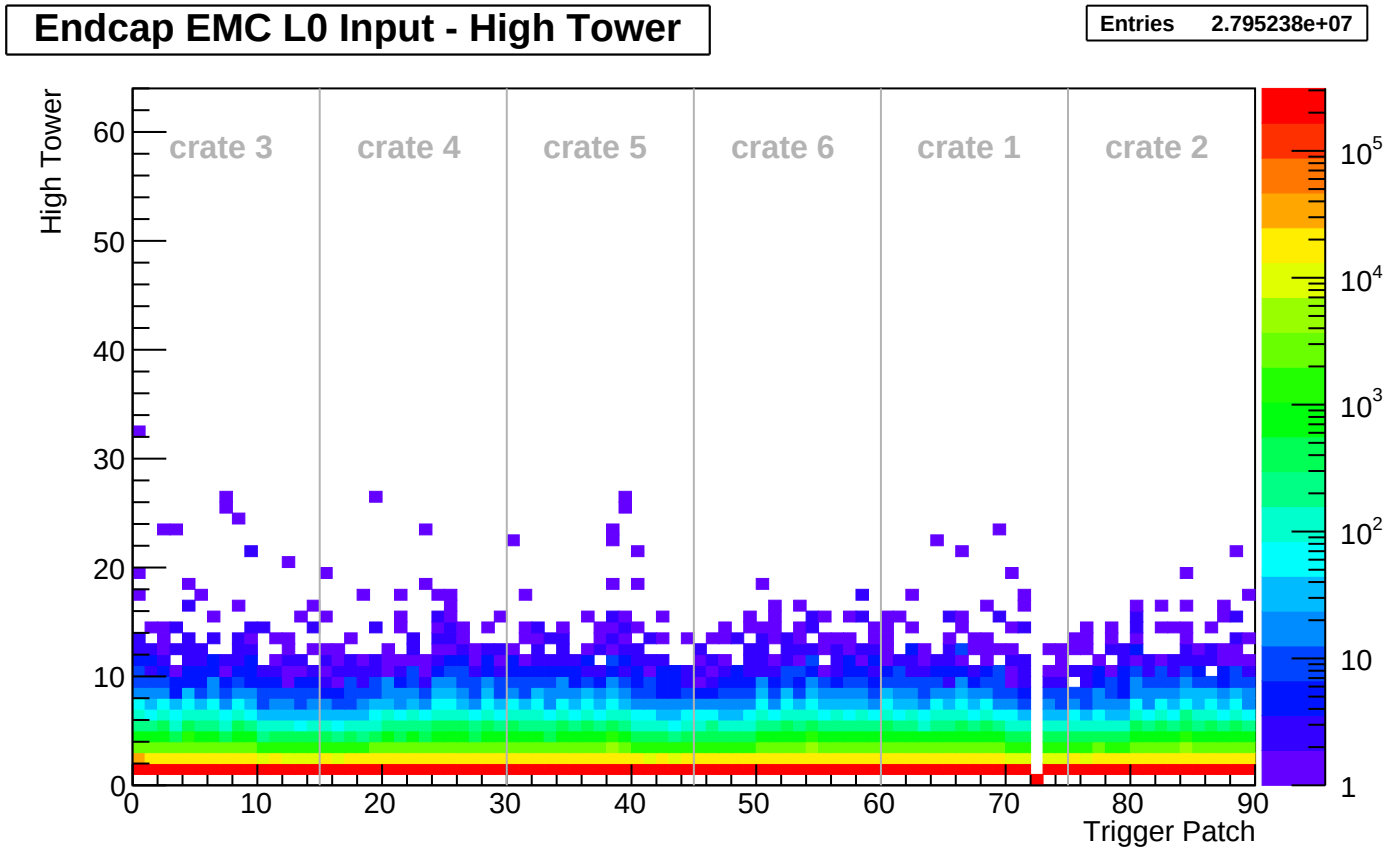
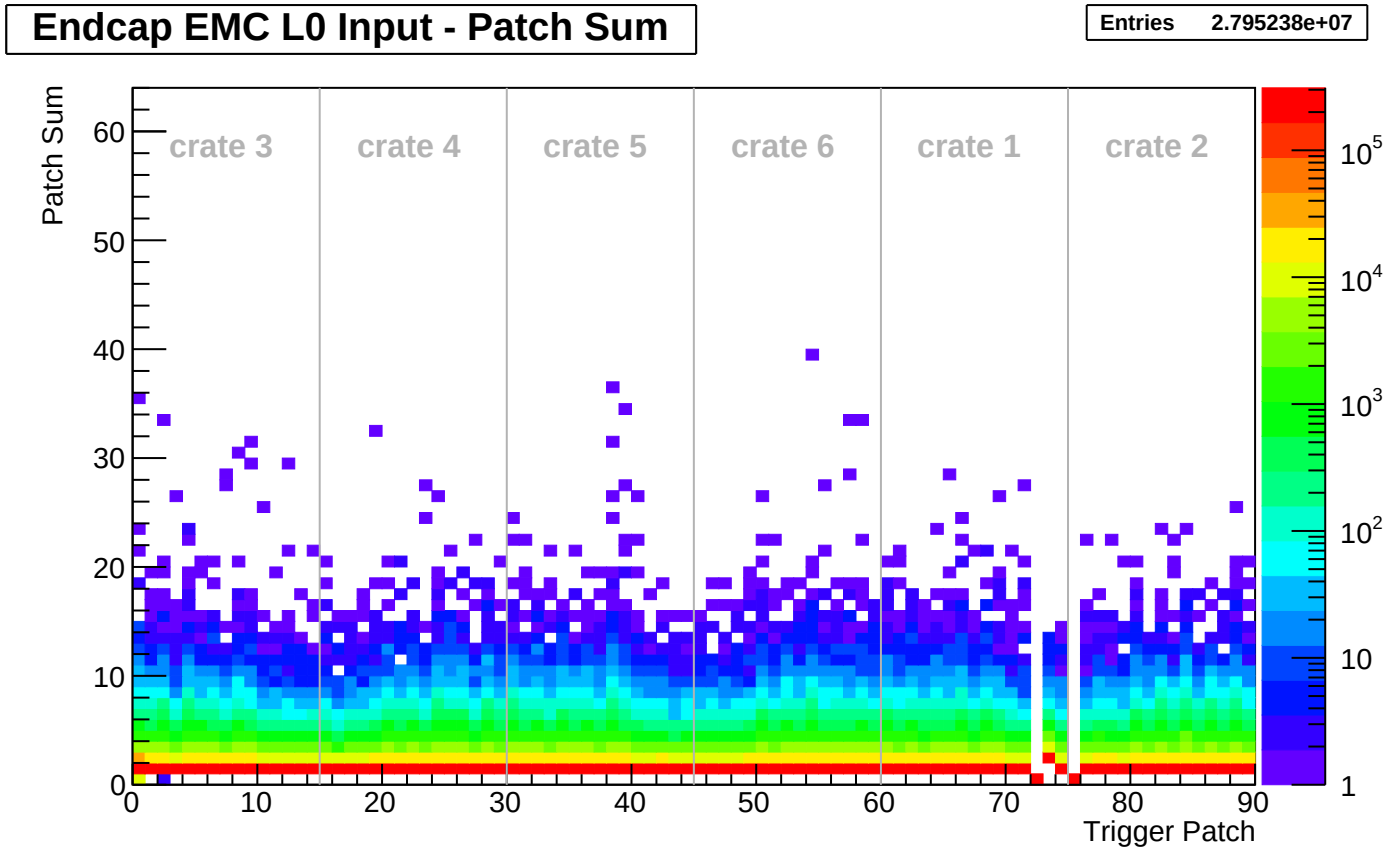
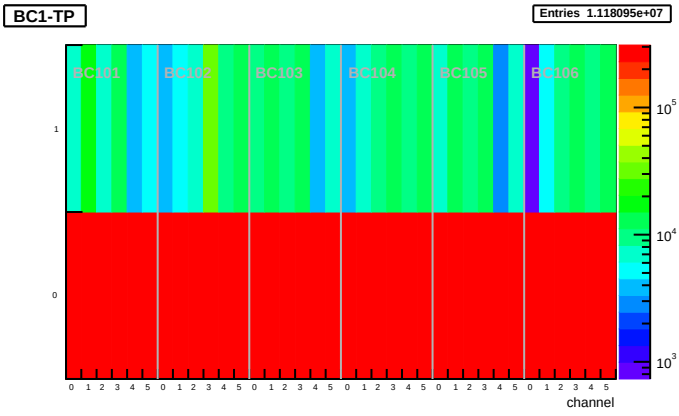
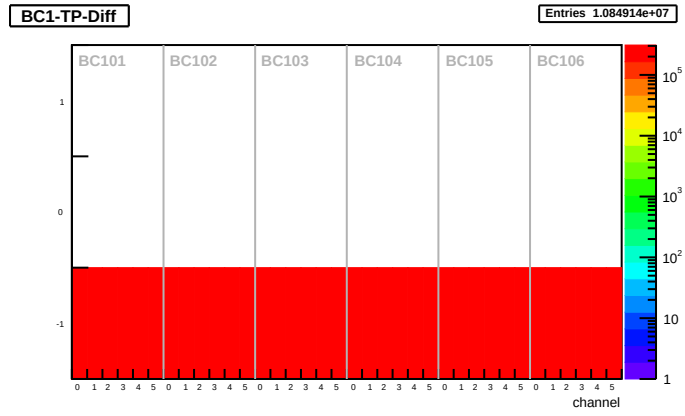

Barrel EMC L0 Input - High Tower
Entries 9.31746e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

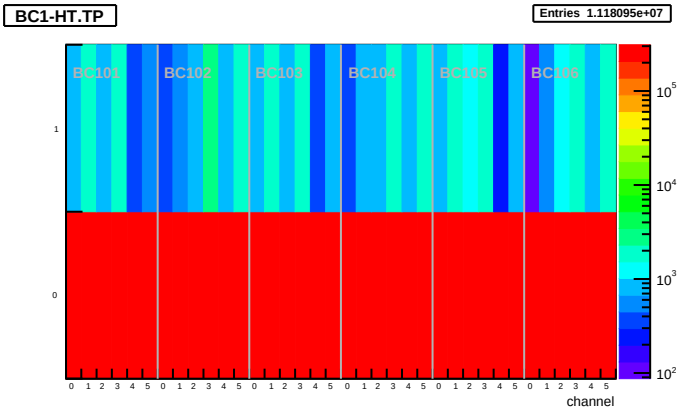

Barrel EMC L0 Input - Patch Sum
Entries 9.31746e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

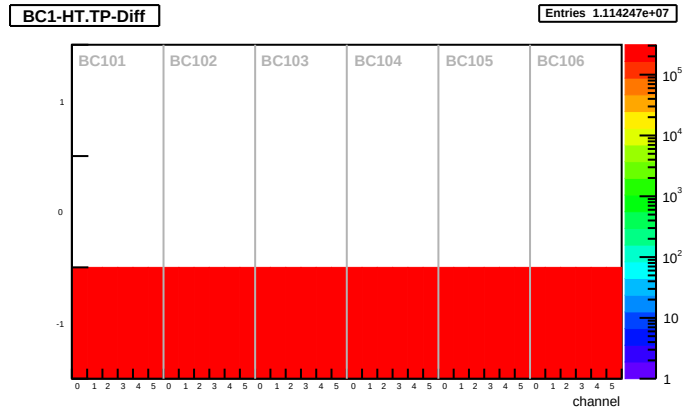

Endcap EMC L0 Input - High Tower
Entries 2.795238e+07
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

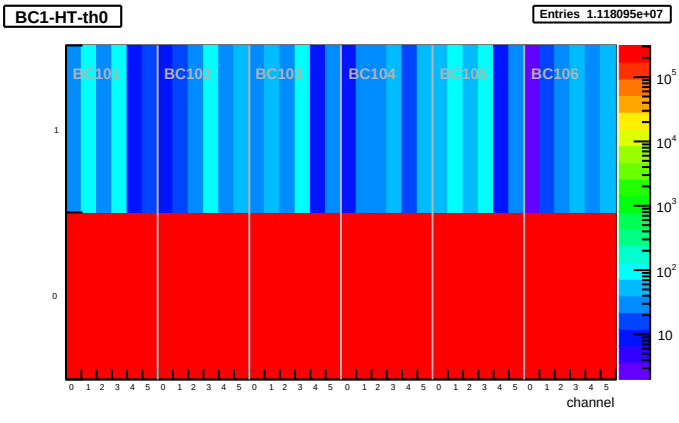

Endcap EMC L0 Input - Patch Sum
Entries 2.795238e+07
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

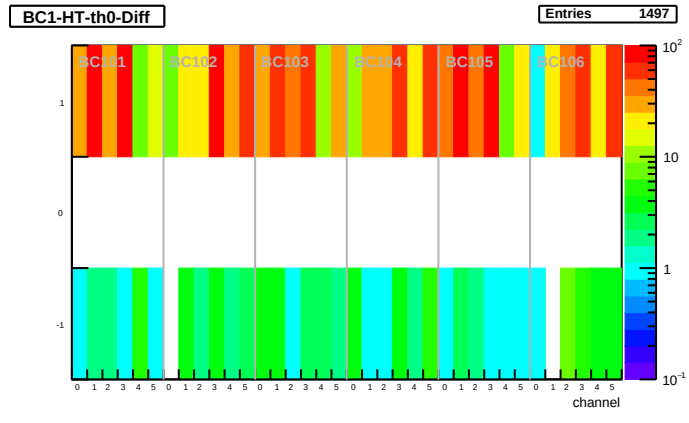

BC1-TP
Entries 1.118095e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

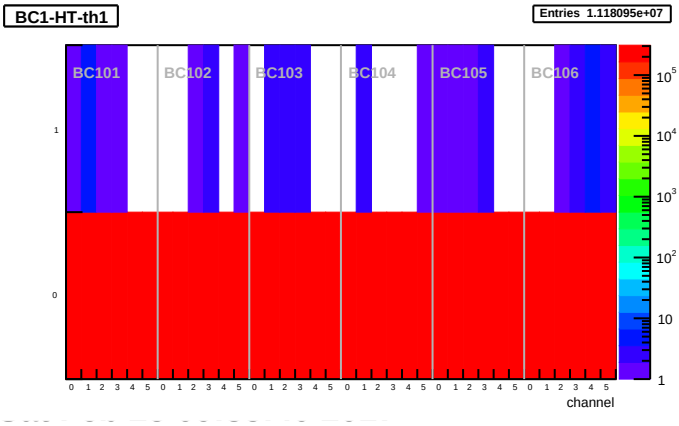

BC1-TP-Diff
Entries 1.084914e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

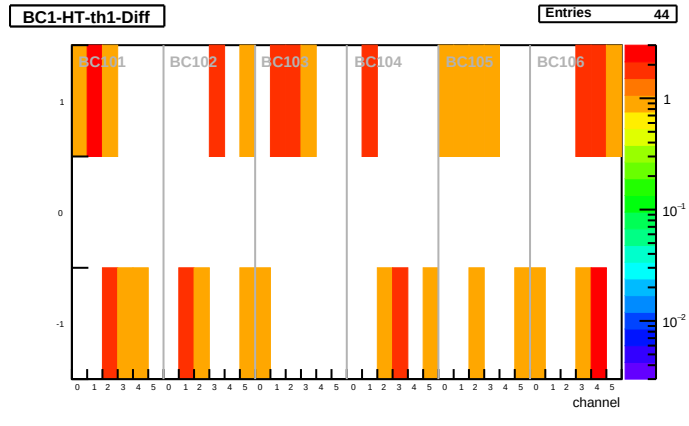

BC1-HT.TP
Entries 1.118095e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

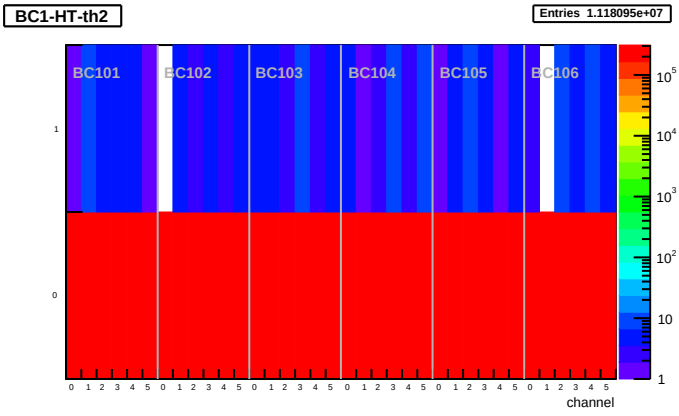

BC1-HT.TP-Diff
Entries 1.114247e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

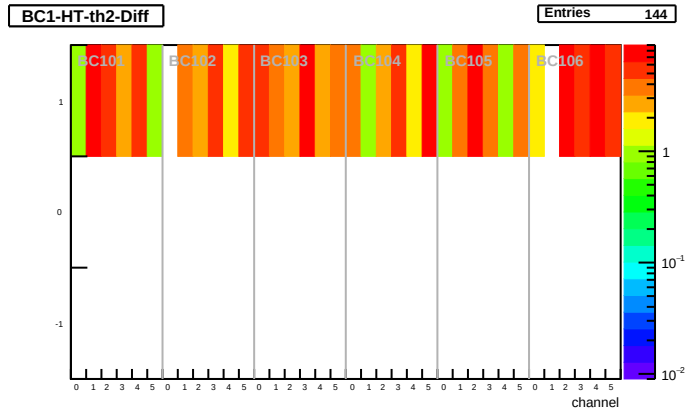

BC1-HT-th0
Entries 1.118095e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

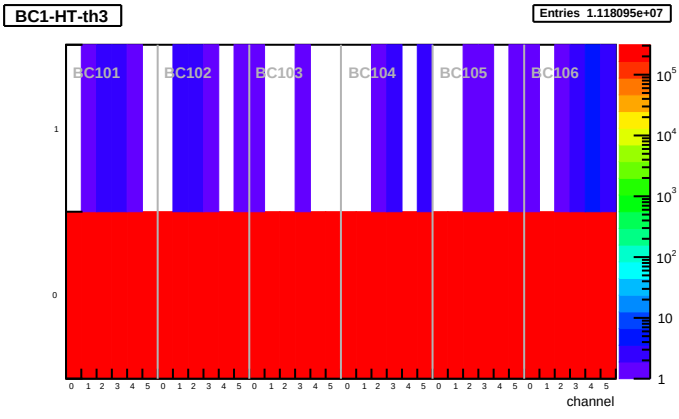

BC1-HT-th0-Diff
Entries 1497
BC101
BC102
BC103
BC104
BC105
BC106
channel

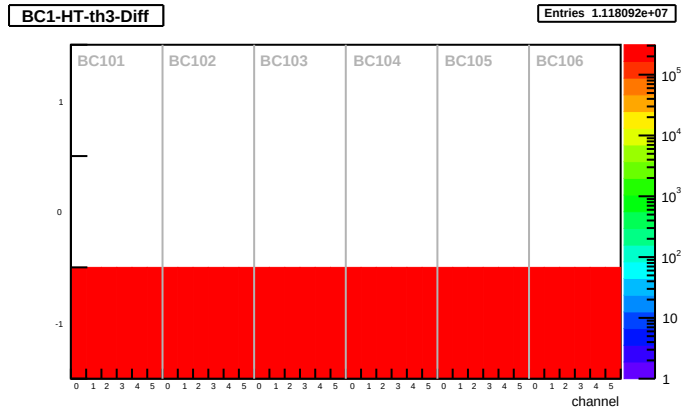

BC1-HT-th1
Entries 1.118095e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

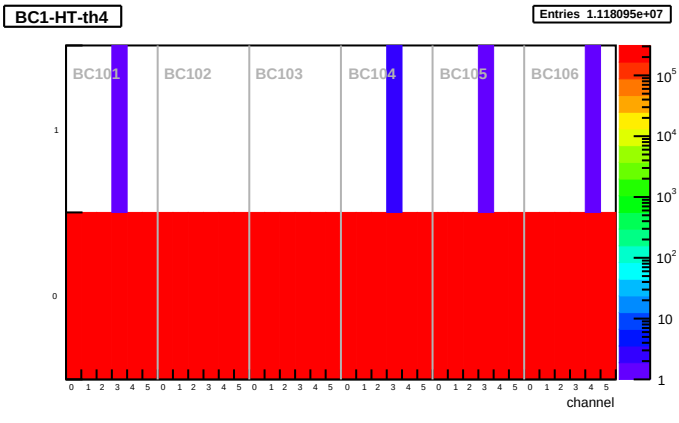

BC1-HT-th1-Diff
Entries 44
BC101
BC102
BC103
BC104
BC105
BC106
channel

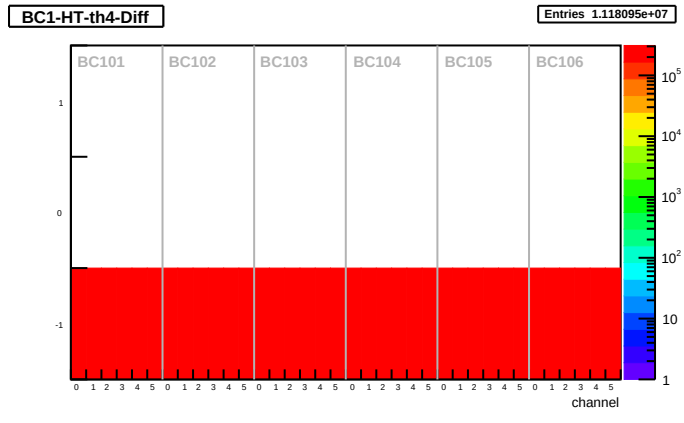

BC1-HT-th2
Entries 1.118095e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

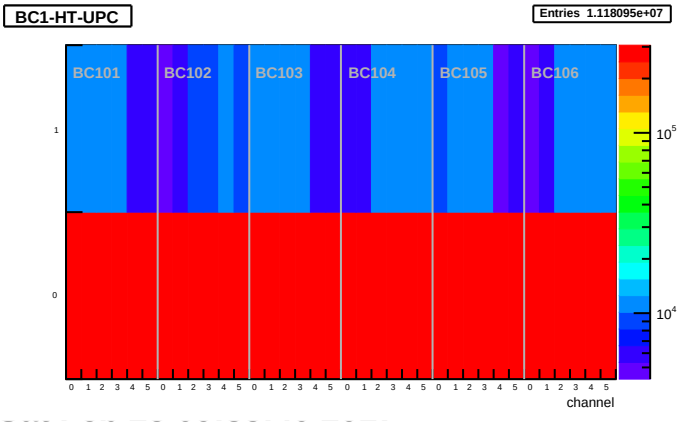

BC1-HT-th2-Diff
Entries 144
BC101
BC102
BC103
BC104
BC105
BC106
channel

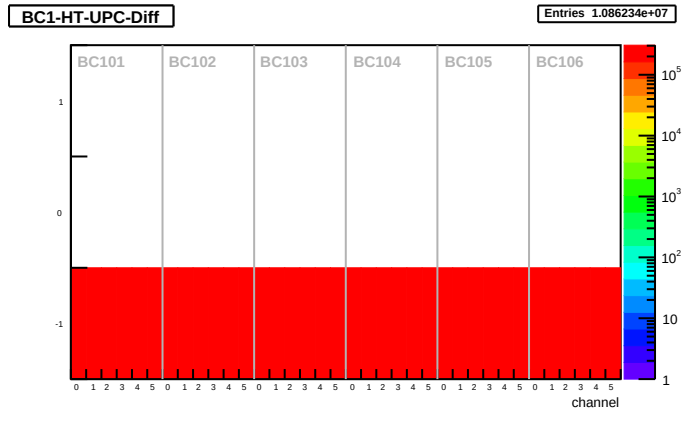

BC1-HT-th3
Entries 1.118095e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

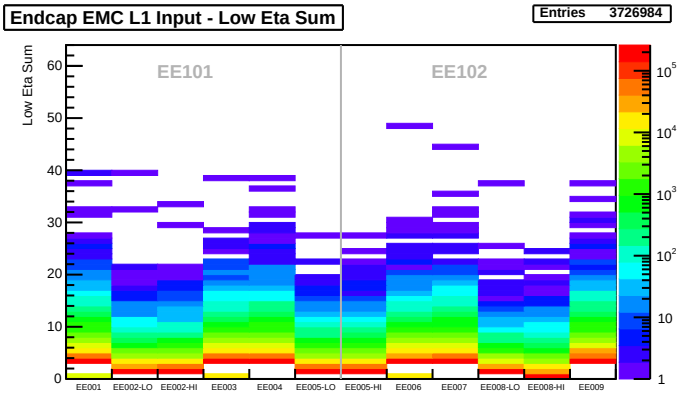

BC1-HT-th3-Diff
Entries 1.118092e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

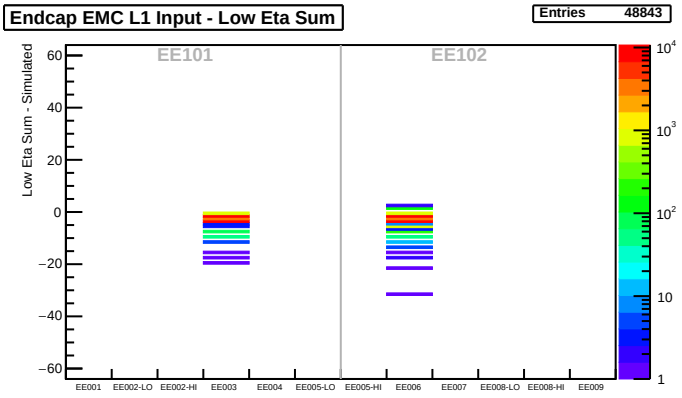

BC1-HT-th4
Entries 1.118095e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

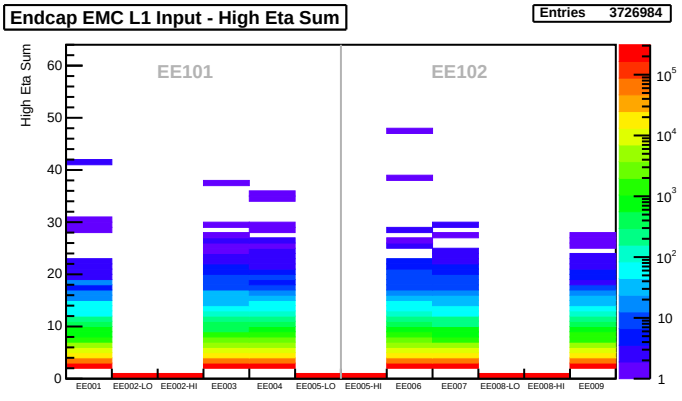

BC1-HT-th4-Diff
Entries 1.118095e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

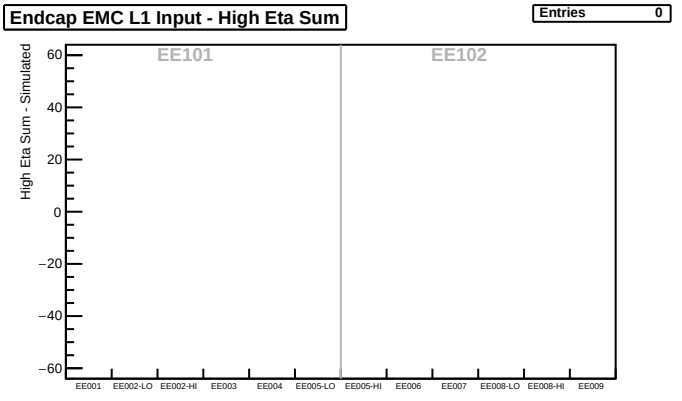

BC1-HT-UPC
Entries 1.118095e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

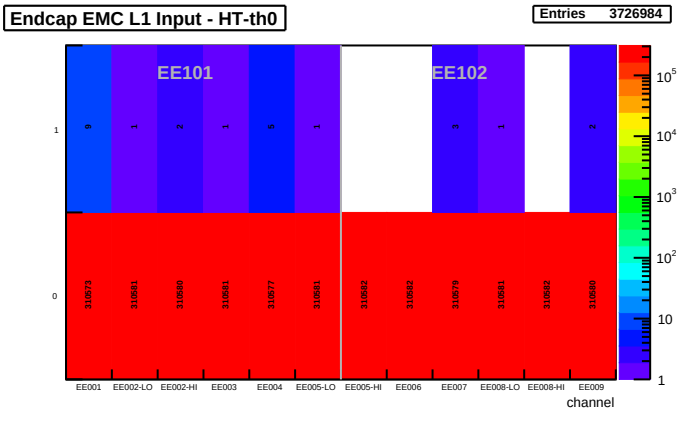

BC1-HT-UPC-Diff
Entries 1.086234e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

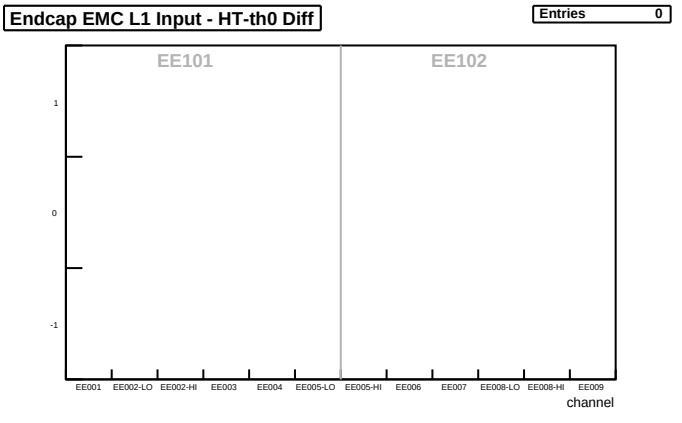

Endcap EMC L1 Input - Low Eta Sum
Entries 3726984
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

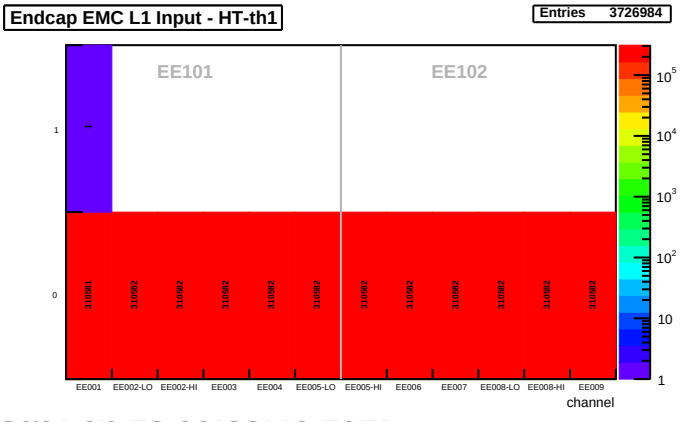

Endcap EMC L1 Input - Low Eta Sum
Entries 48843
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

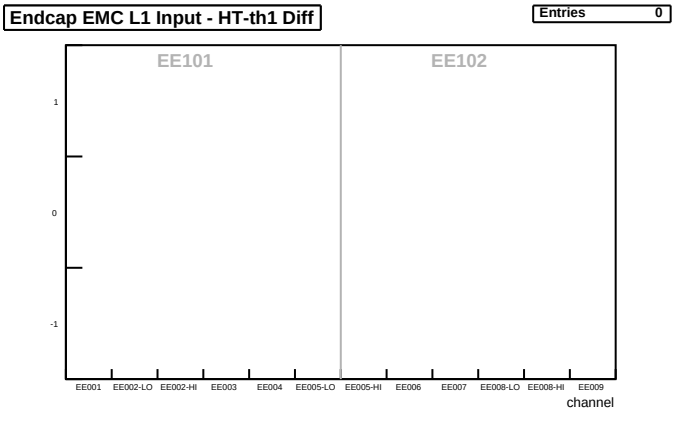

Endcap EMC L1 Input - High Eta Sum
Entries 3726984
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

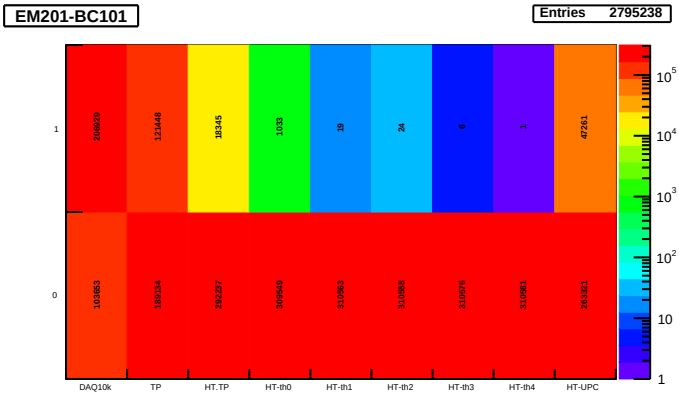

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

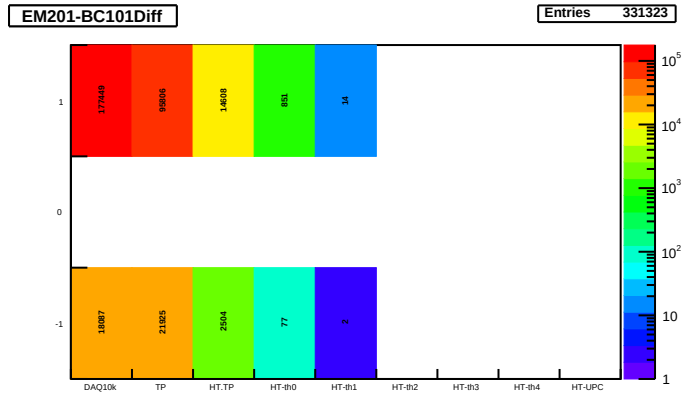

Endcap EMC L1 Input - HT-th0
Entries 3726984
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

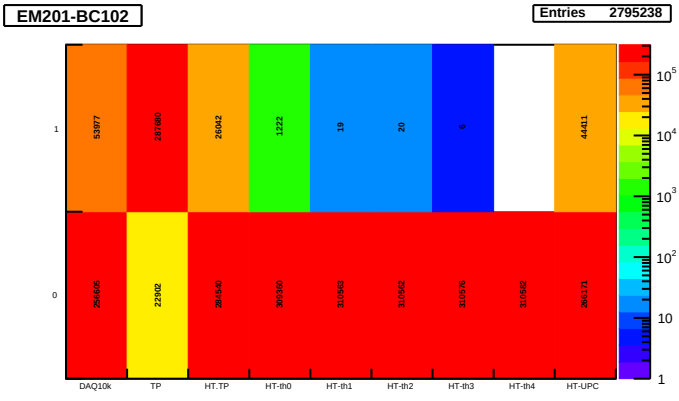

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

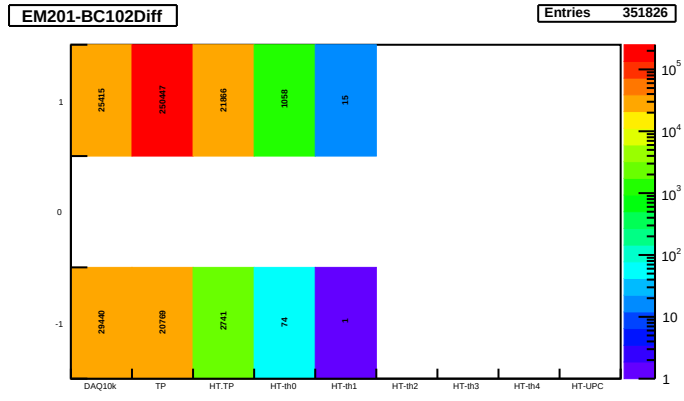

Endcap EMC L1 Input - HT-th1
Entries 3726984
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

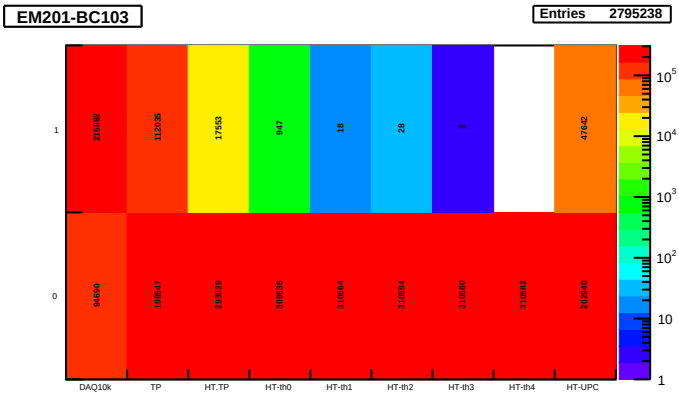

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

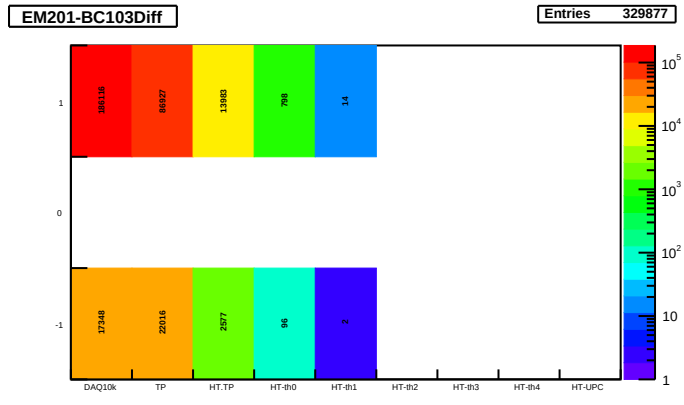

EM201-BC101
Entries 2795238
1
0
206929
121448
18345
1033
19
24
6
1
47261
103653
189134
292237
309549
310563
310558
310576
310581
263321
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

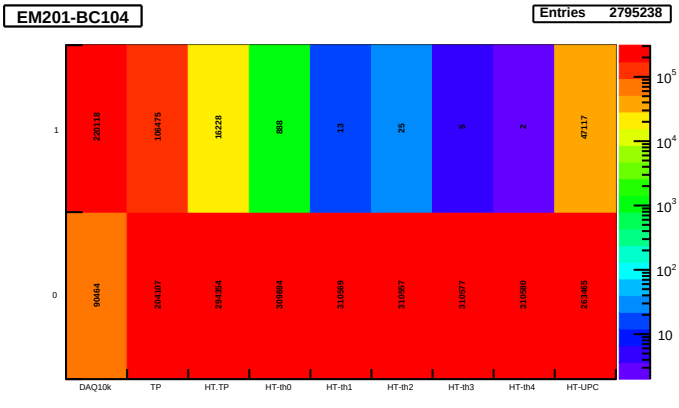

EM201-BC101Diff
Entries 331323
1
0
-1
177449
99806
14608
851
14
18987
21925
2504
77
2
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

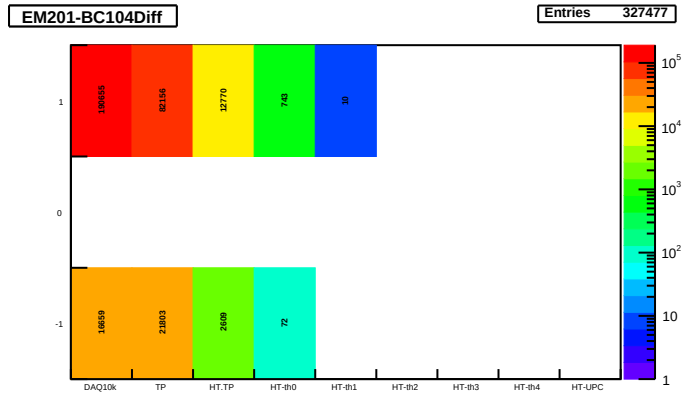

EM201-BC102
Entries 2795238
1
0
53977
287680
26942
1222
19
20
6
44411
256605
22902
284540
309360
310563
310562
310576
310582
266171
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC102Diff
Entries 351826
1
0
-1
25415
250447
21866
1058
15
29440
20769
2741
74
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

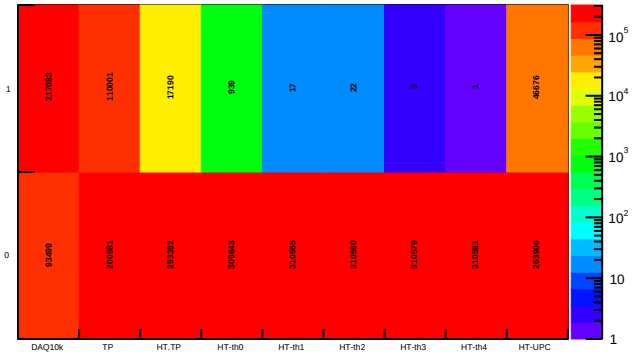

EM201-BC103
Entries 2795238
1
0
215382
112035
17593
947
18
28
2
47642
94590
198547
293229
309835
310564
310554
310580
310582
263240
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC103Diff
Entries 329877
1
0
-1
186116
86927
13983
798
14
17348
22016
2577
96
2
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

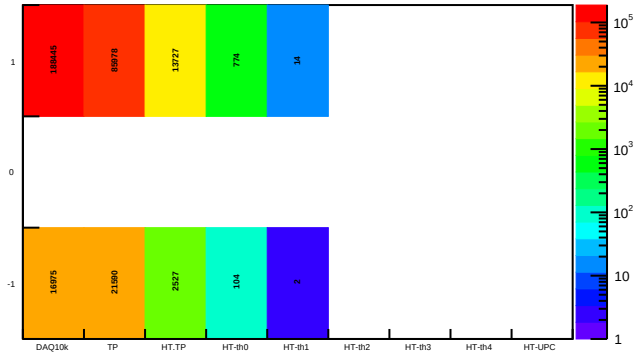

EM201-BC104
Entries 2795238
1
0
220118
106475
16228
888
13
25
5
2
47117
90464
204407
294354
309884
310569
310557
310577
310580
263465
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10


EM201-BC104Diff
Entries 327477
1
0
-1
190855
82156
12770
743
10
16659
21803
2609
72
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

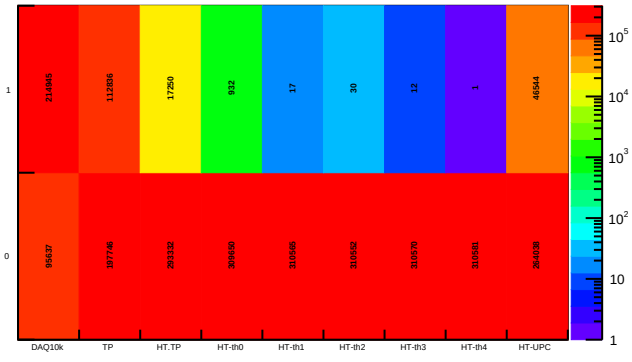
EM201-BC105 Entries 2795238



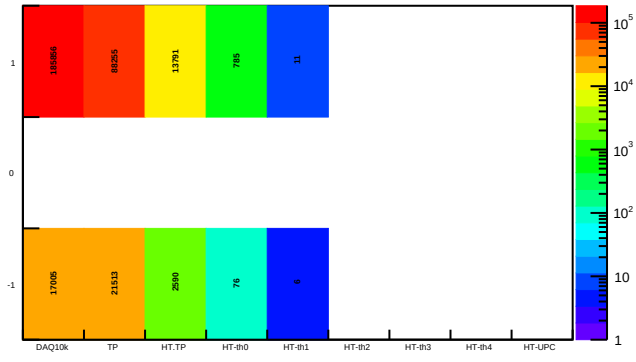
EM201-BC105Diff Entries 330136



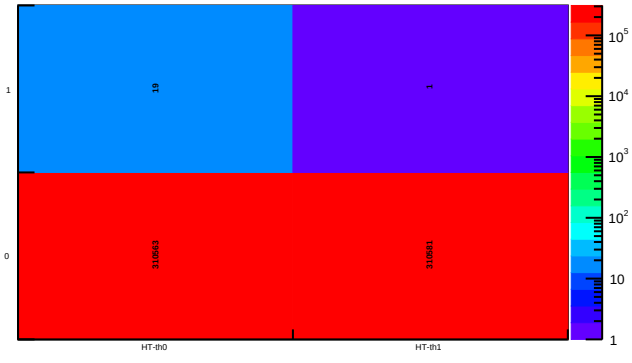
EM201-BC106 Entries 2795238



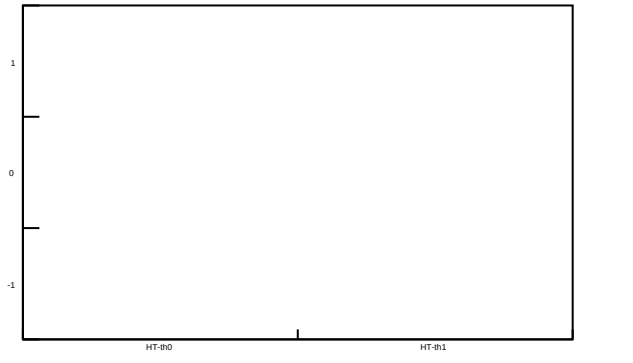
EM201-BC106Diff Entries 329888



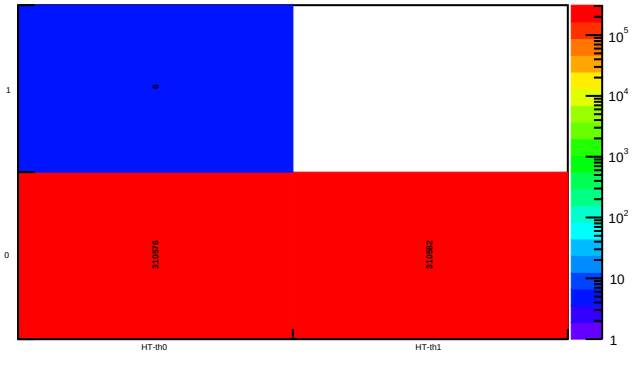
EM201-EE101 Entries 621164



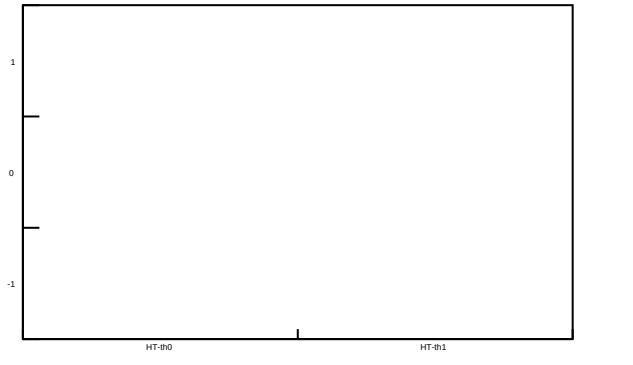
EM201-EE101Diff Entries 0

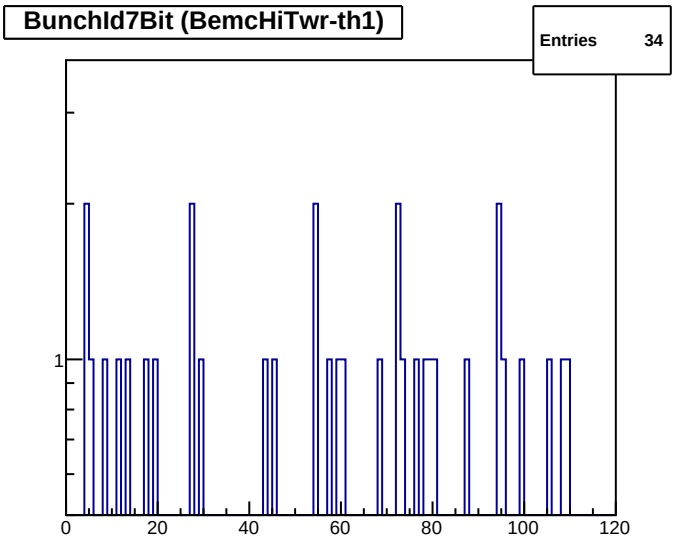


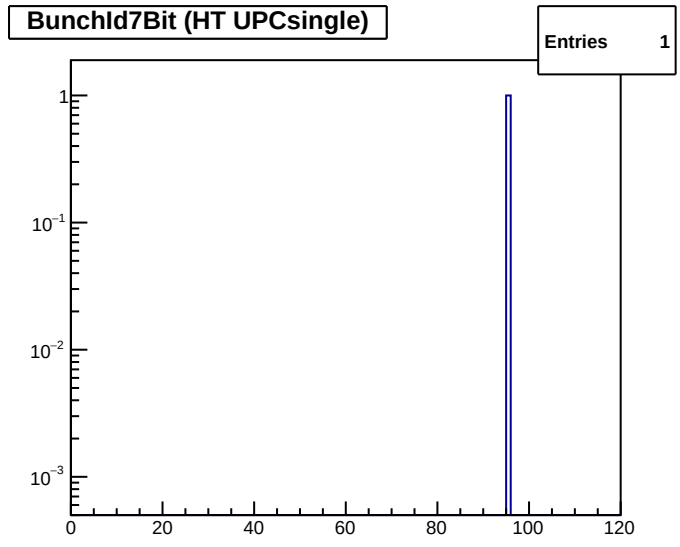
EM201-EE102 Entries 621164

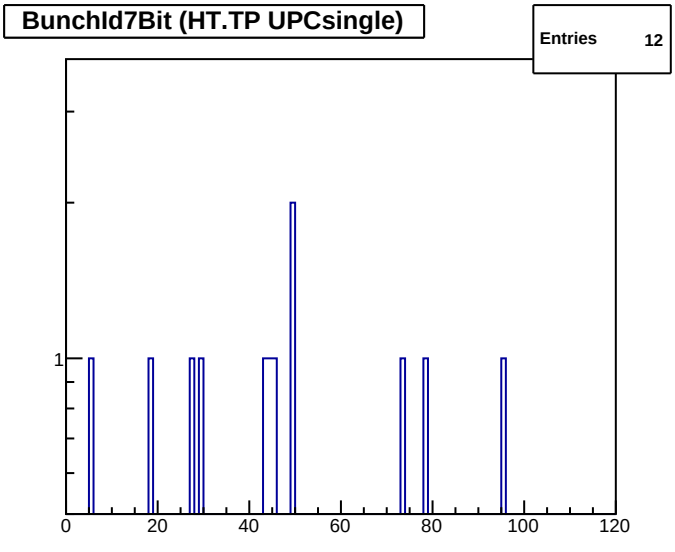


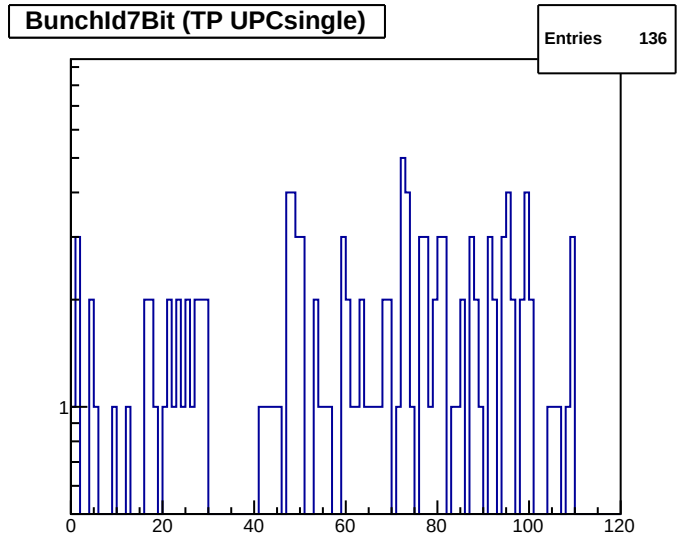
EM201-EE102Diff Entries 0

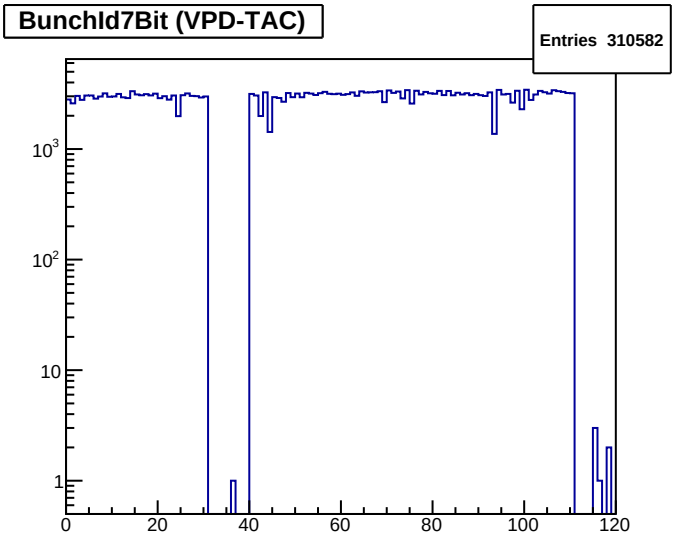


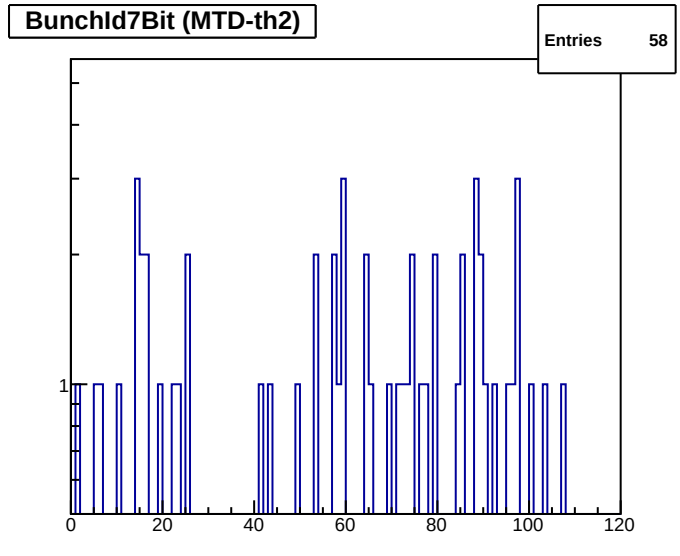

BunchId7Bit (BemcHiTwr-th1)
Entries 34
1
0 20 40 60 80 100 120

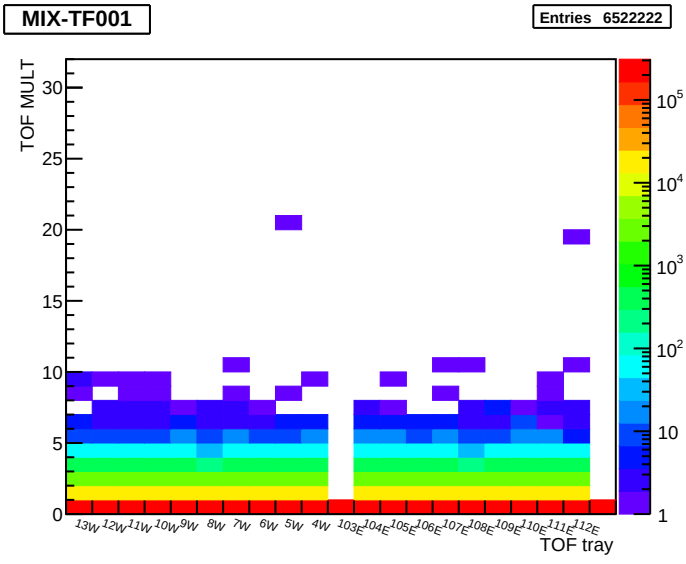

BunchId7Bit (HT UPCsingle)
Entries 1
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

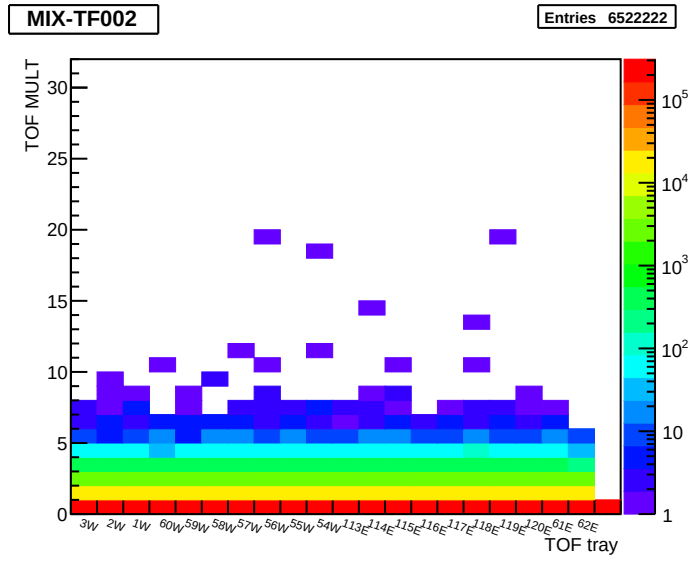

BunchId7Bit (HT.TP UPCsingle)
Entries 12
1
0 20 40 60 80 100 120

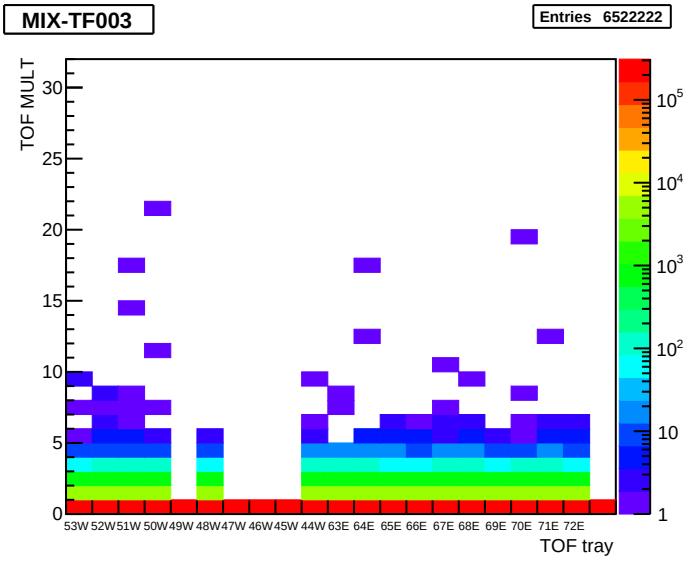

BunchId7Bit (TP UPCsingle)
Entries 136
1
0 20 40 60 80 100 120

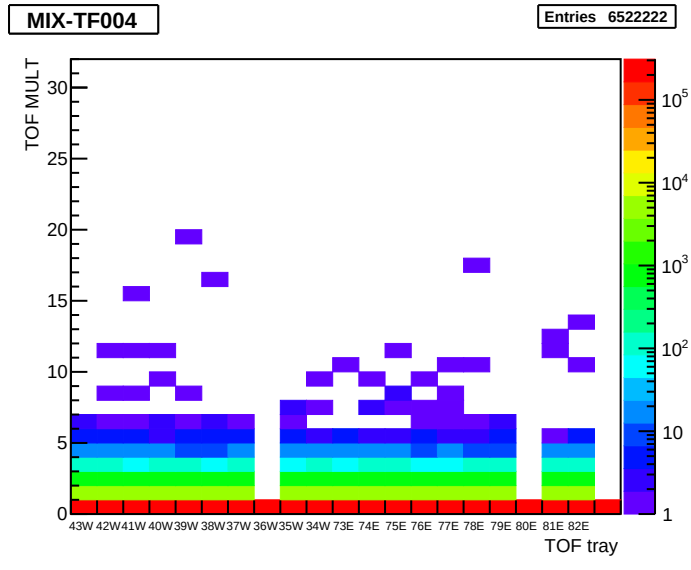

BunchId7Bit (VPD-TAC)
Entries 310582
10^3
10^2
10
1
0 20 40 60 80 100 120

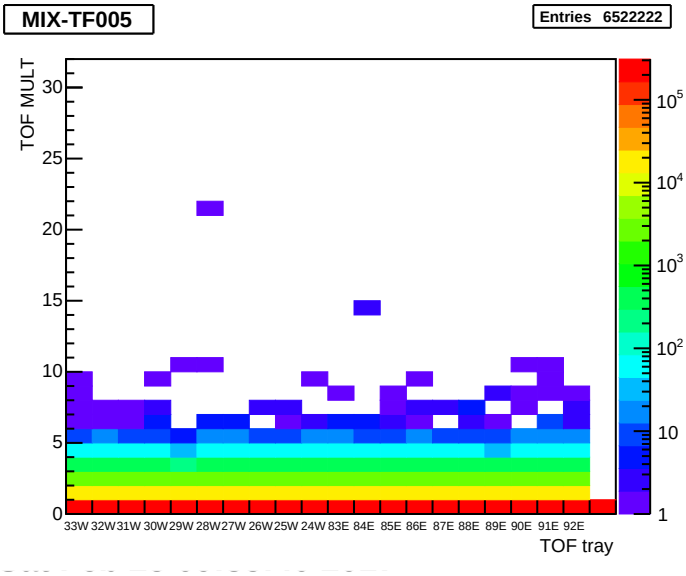

BunchId7Bit (MTD-th2)
Entries 58
1
0 20 40 60 80 100 120

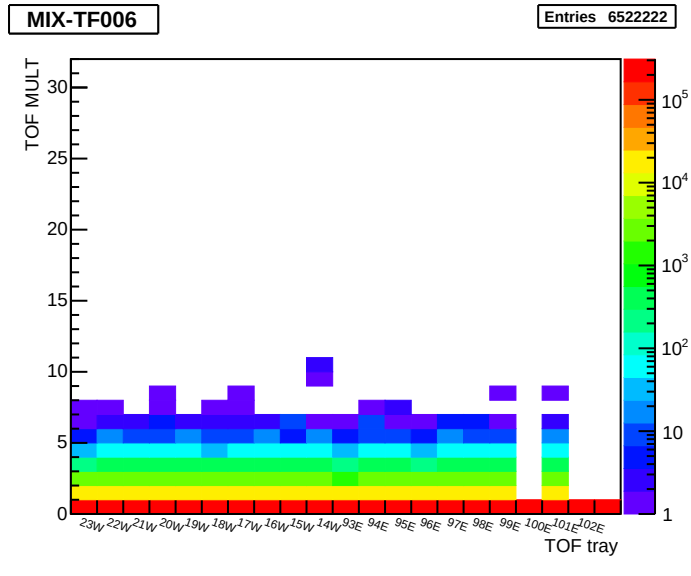

MIX-TF001
Entries 6522222
TOF MULT
TOF tray

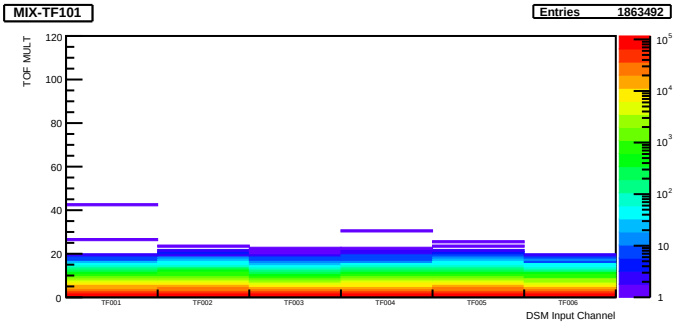

MIX-TF002
Entries 6522222
TOF MULT
TOF tray

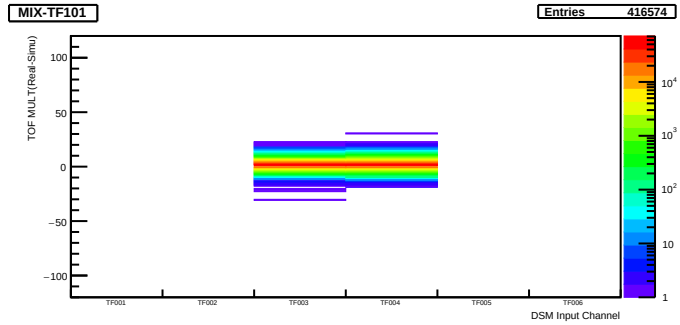

MIX-TF003
Entries 6522222
TOF MULT
TOF tray

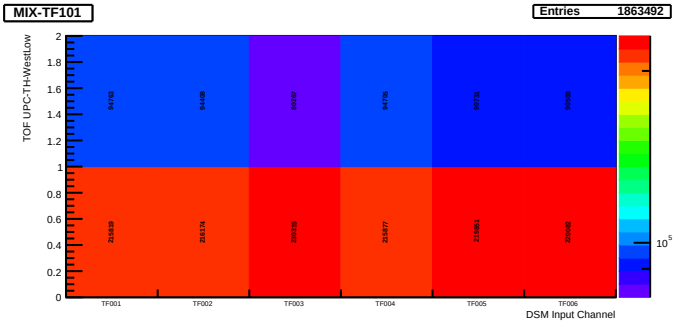

MIX-TF004
Entries 6522222
TOF MULT
TOF tray

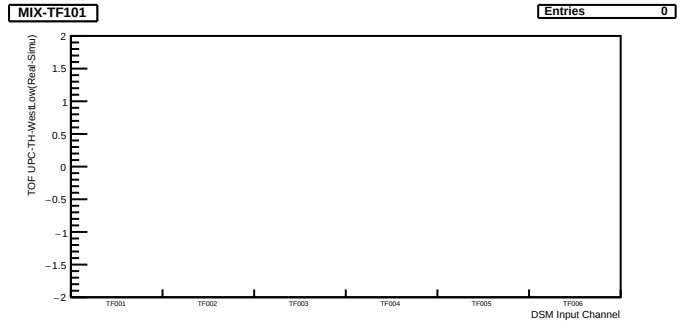

MIX-TF005
Entries 6522222
TOF MULT
TOF tray

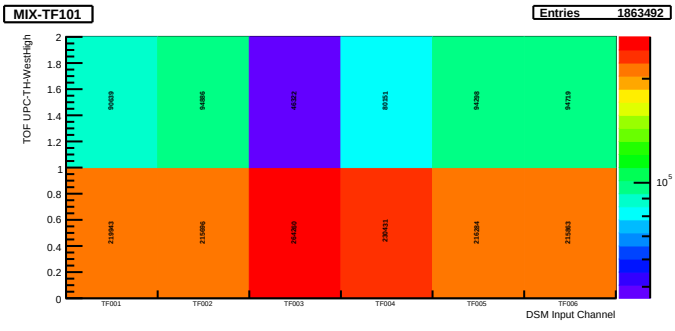

MIX-TF006
Entries 6522222
TOF MULT
TOF tray

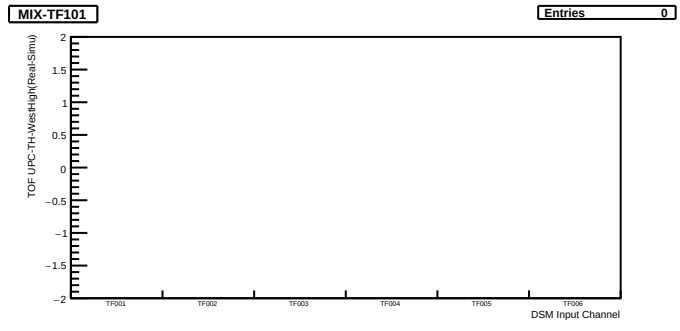

MIX-TF101
Entries 1863492
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

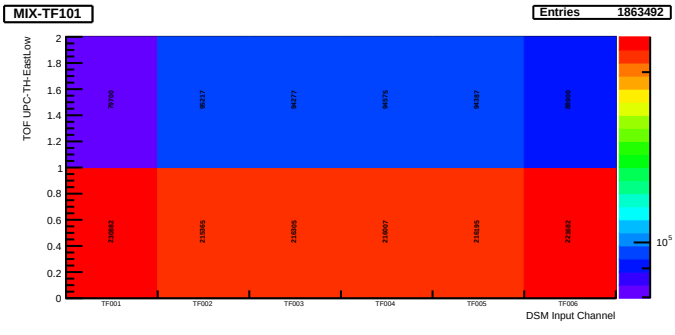

MIX-TF101
Entries 416574
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

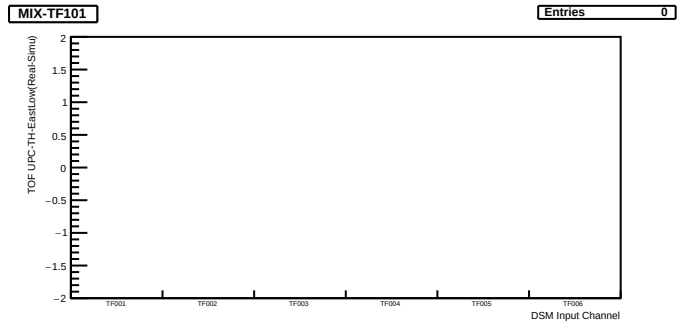

MIX-TF101
Entries 1863492
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

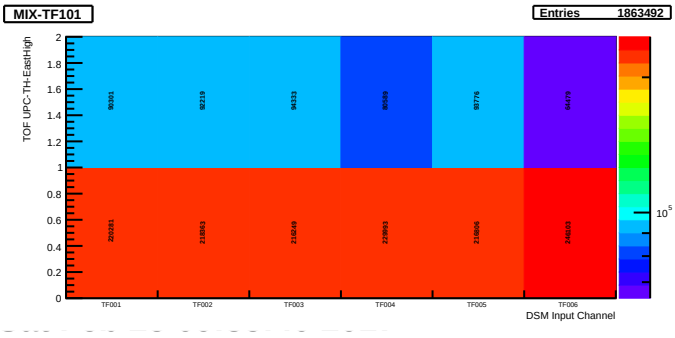

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

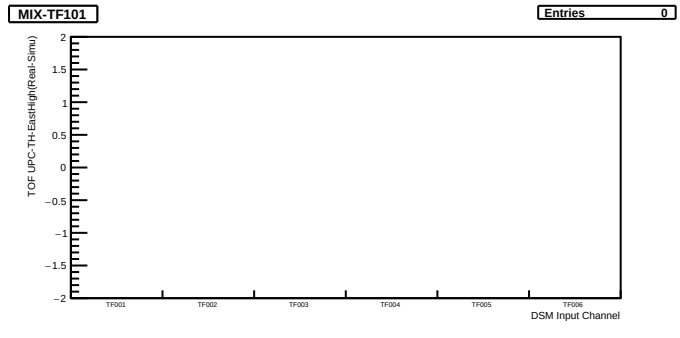

MIX-TF101
Entries 1863492
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

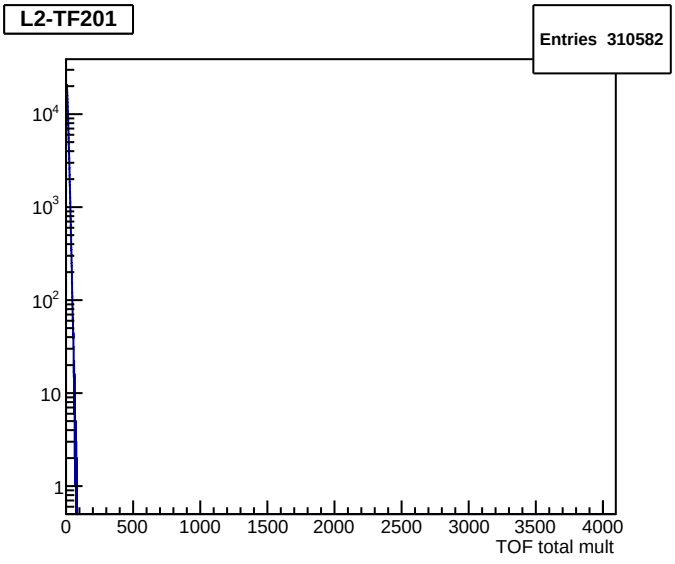

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

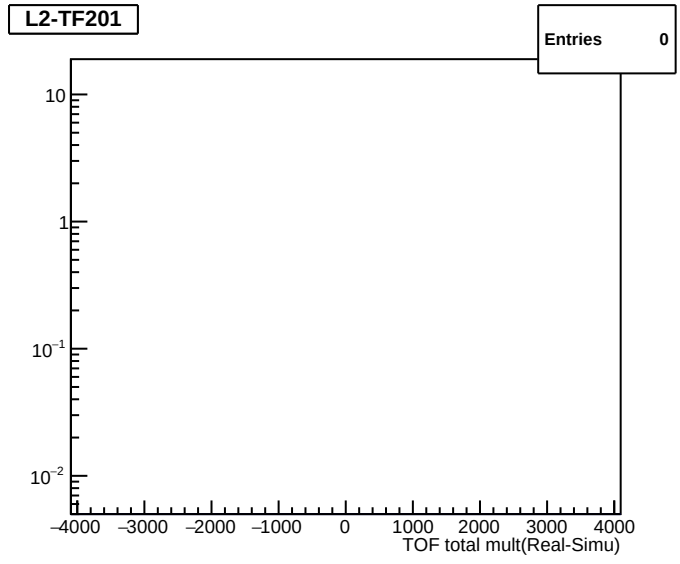

MIX-TF101
Entries 1863492
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

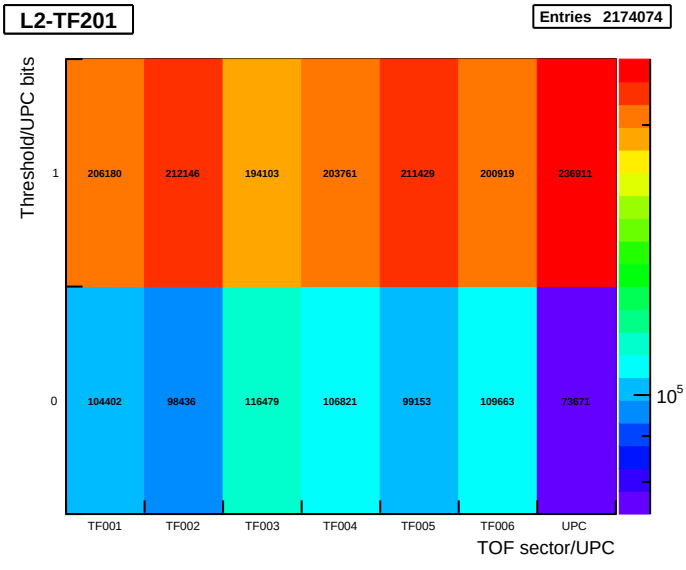

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

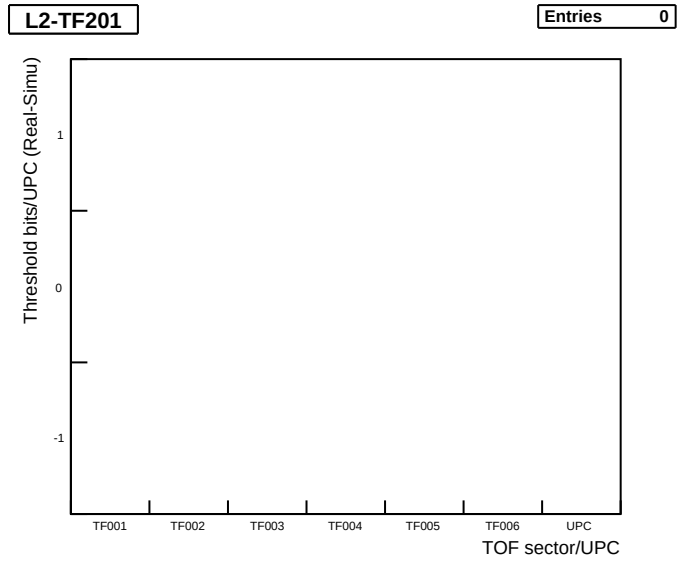

MIX-TF101
Entries 1863492
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

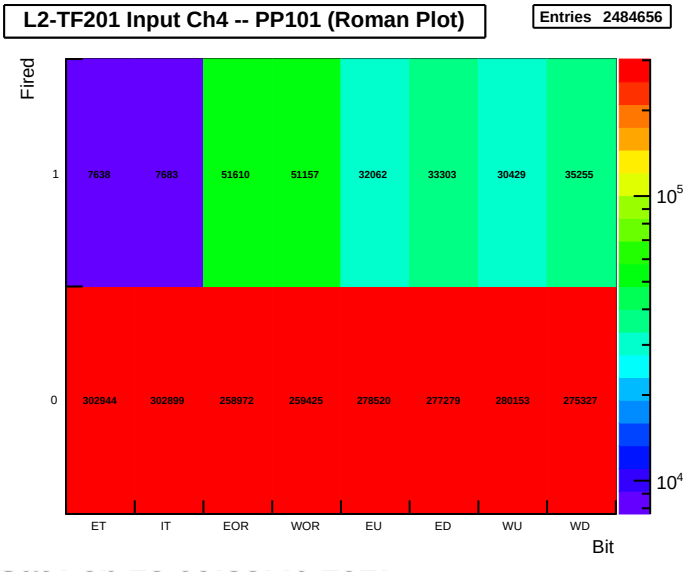

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

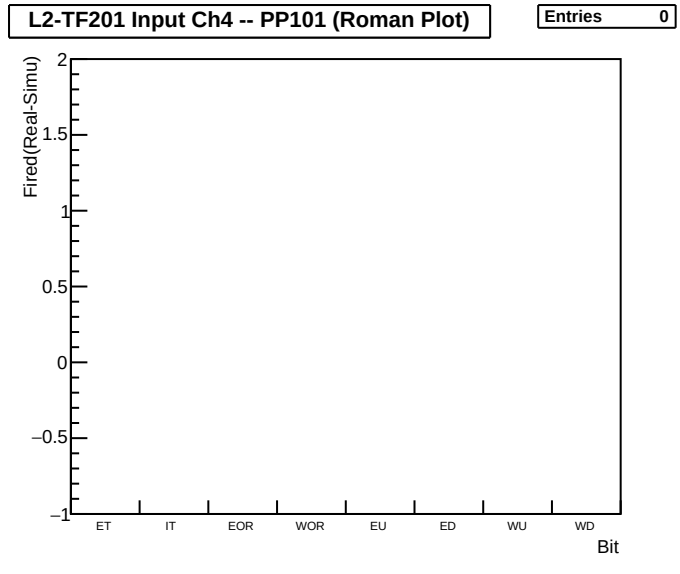

L2-TF201
Entries 310582
TOF total mult

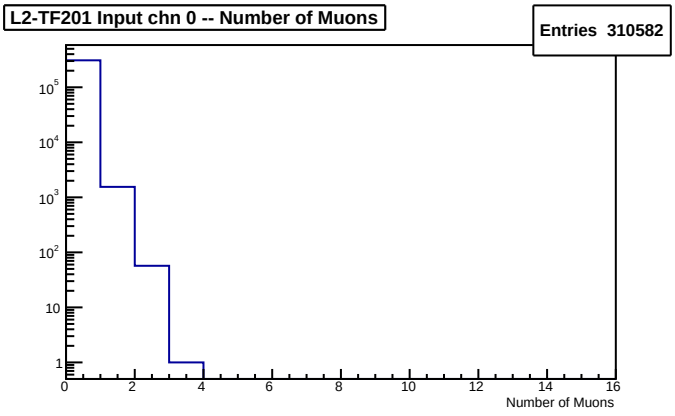

L2-TF201
Entries 0
TOF total mult(Real-Simu)

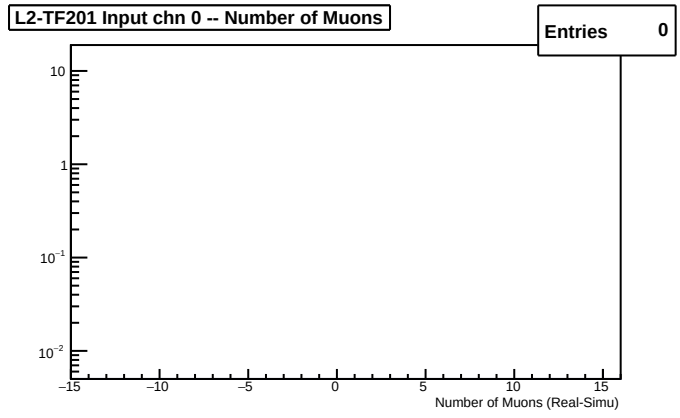

L2-TF201
Entries 2174074
Threshold/UPC bits
206180
212146
194103
203761
211429
200919
236911
104402
98436
116479
106821
99153
109663
73671
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

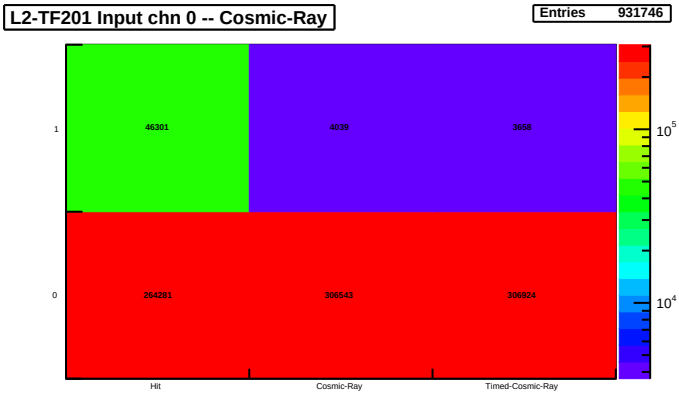

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

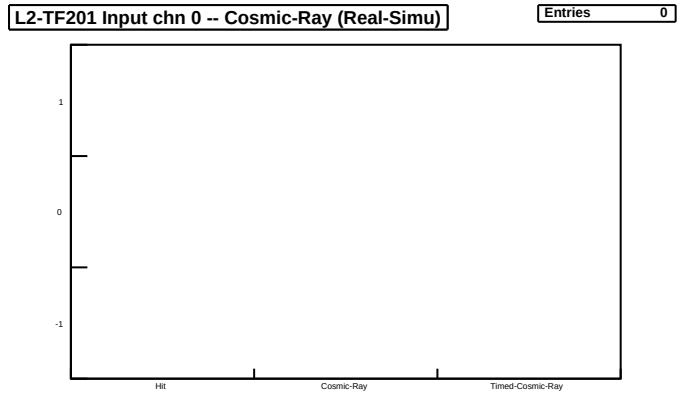

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2484656
Fired
7638
7683
51610
51157
32062
33303
30429
35255
302944
302899
258972
259425
278520
277279
280153
275327
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

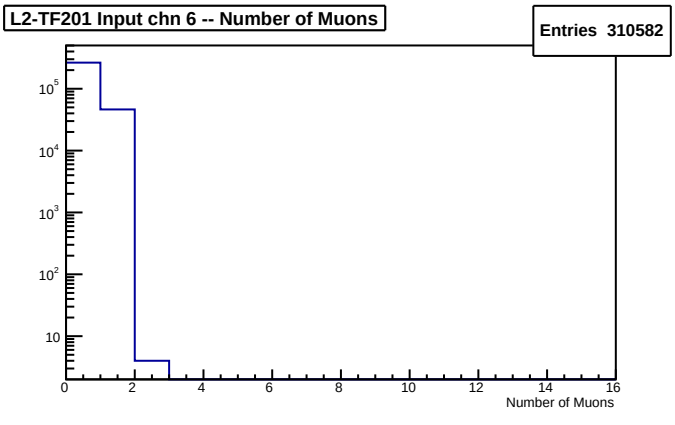

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

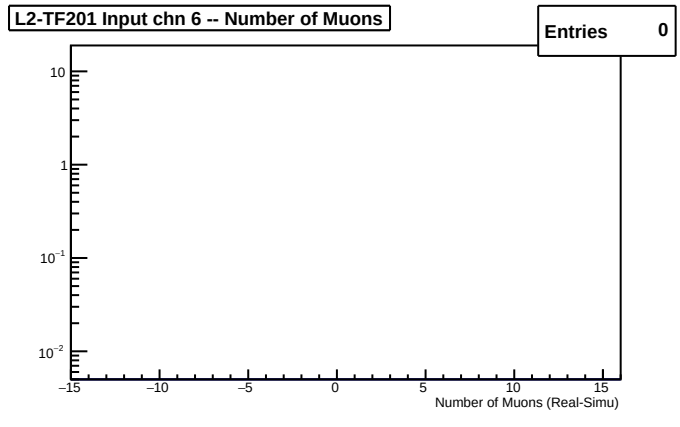

L2-TF201 Input chn 0 -- Number of Muons
Entries 310582
Number of Muons

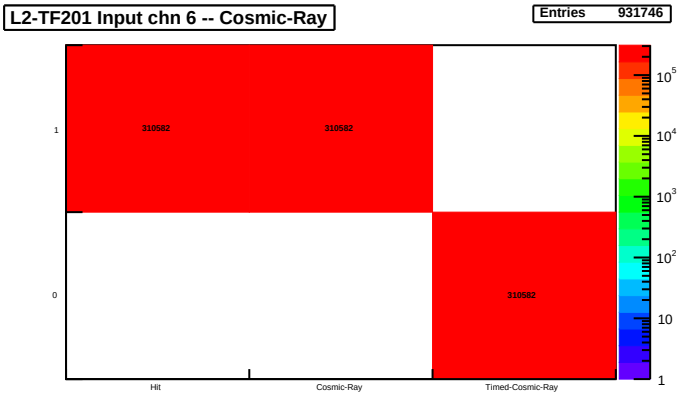

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

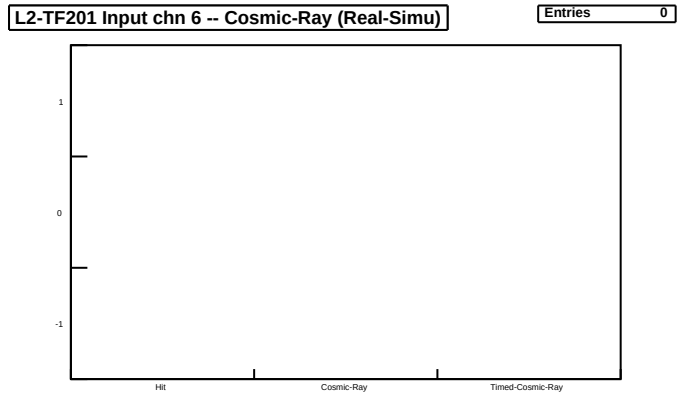

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 931746
46301
4039
3658
264281
306543
306924
Hit
Cosmic-Ray
Timed-Cosmic-Ray

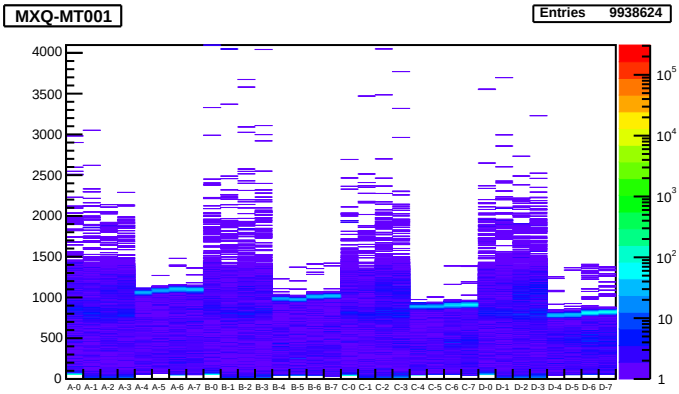

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

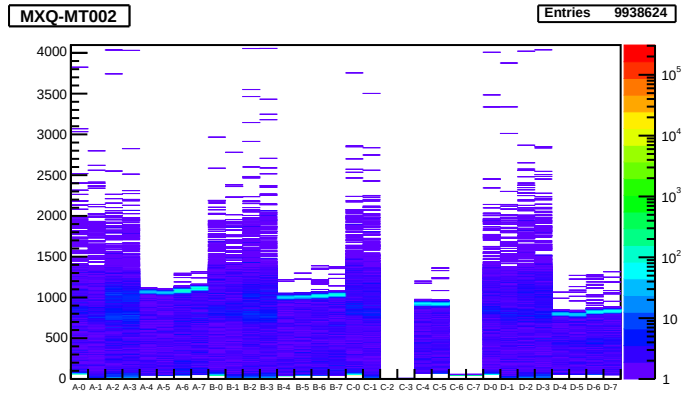

L2-TF201 Input chn 6 -- Number of Muons
Entries 310582
Number of Muons

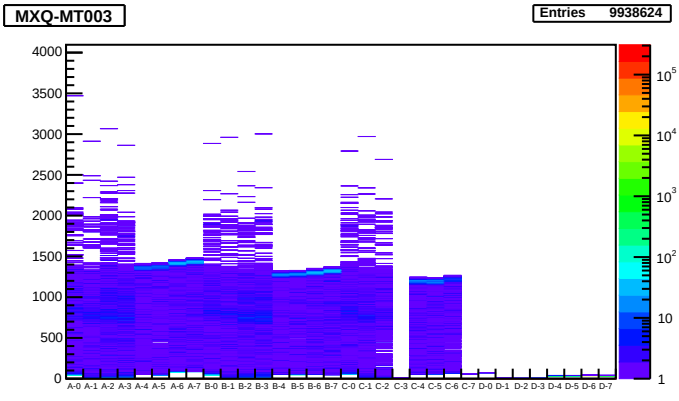

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

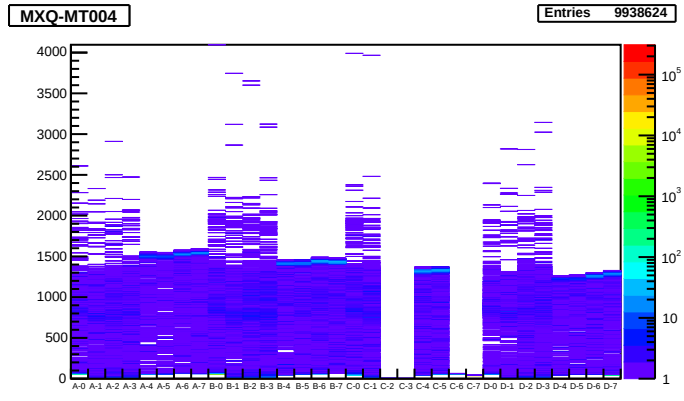

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 931746
310582
310582
310582
Hit
Cosmic-Ray
Timed-Cosmic-Ray

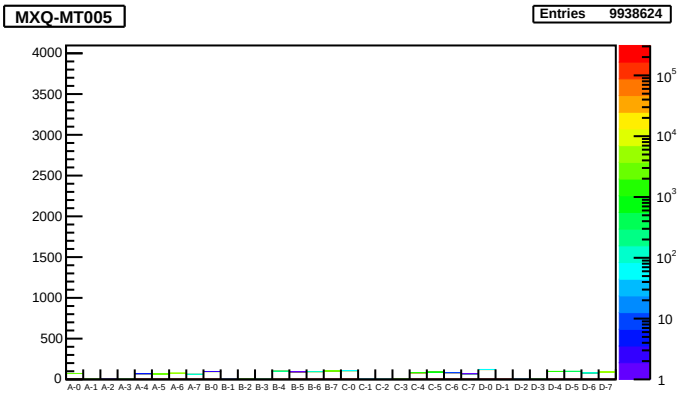

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

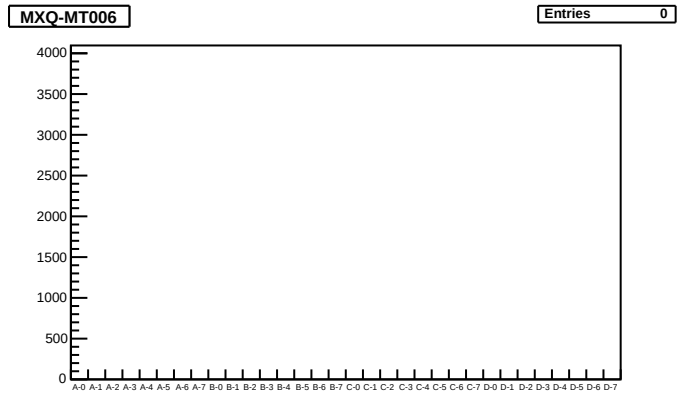

MXQ-MT001
Entries 9938624

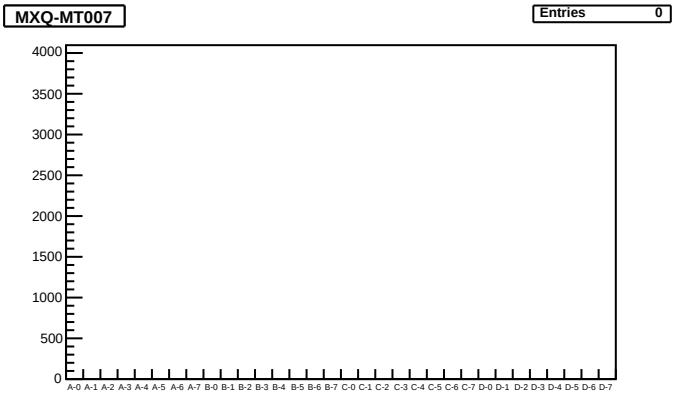

MXQ-MT002
Entries 9938624

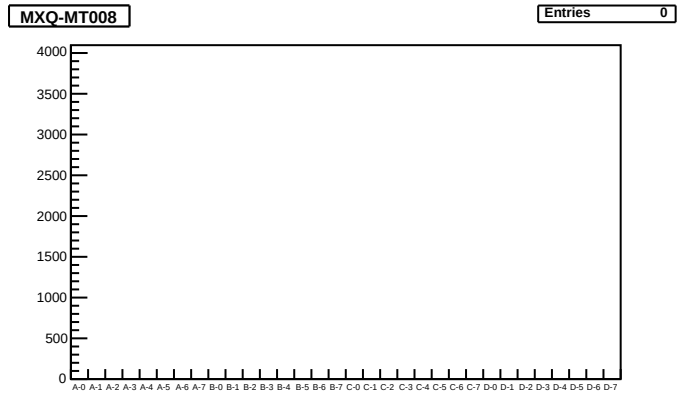

MXQ-MT003
Entries 9938624

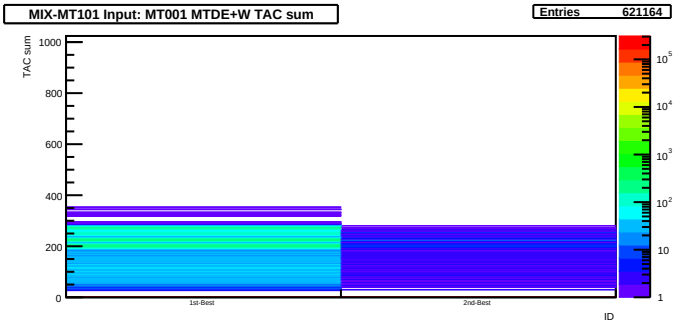

MXQ-MT004
Entries 9938624

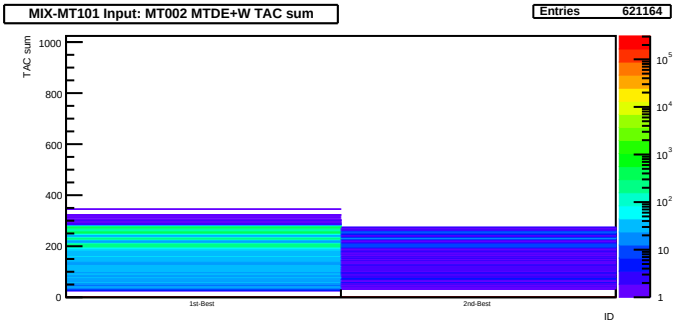

MXQ-MT005
Entries 9938624

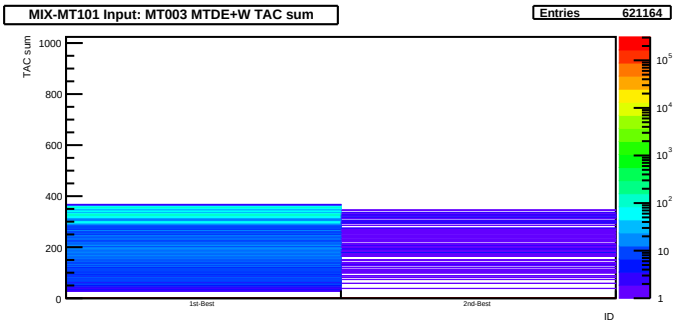

MXQ-MT006
Entries 0

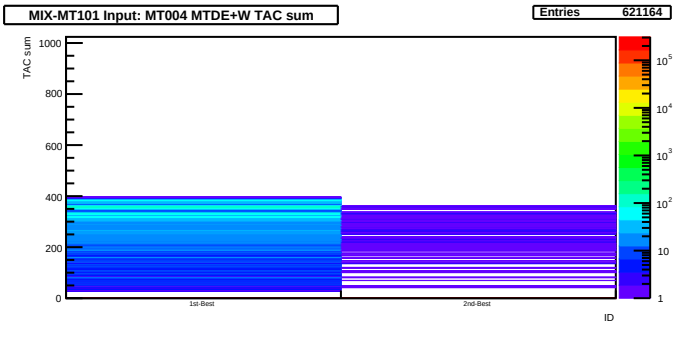

MXQ-MT007
Entries 0

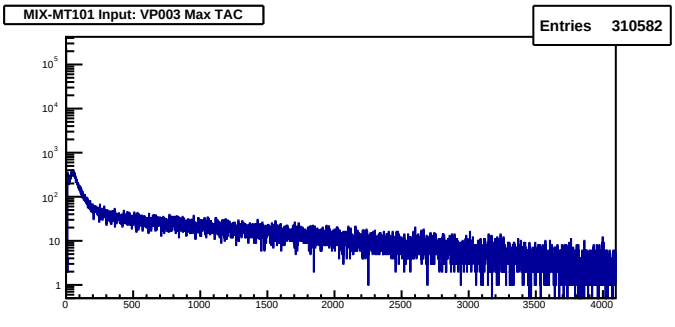

MXQ-MT008
Entries 0

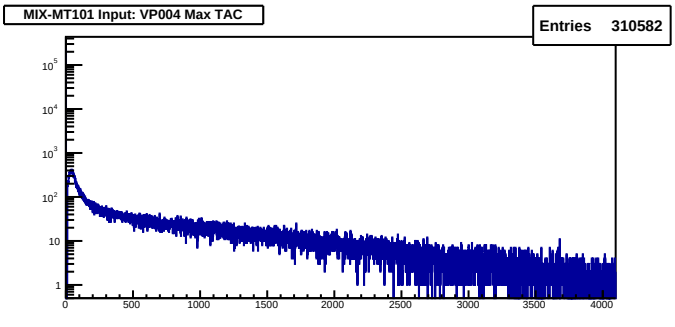

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 621164
TAC sum
1st-Best
2nd-Best
ID

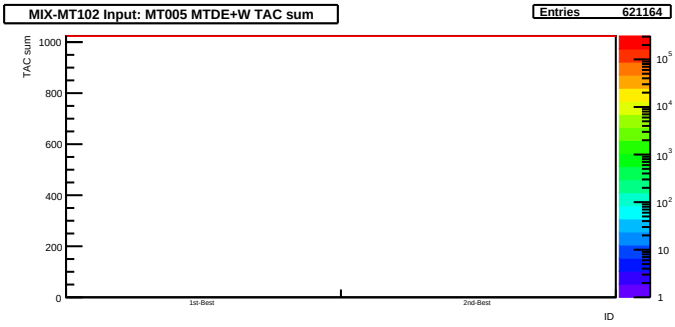

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 621164
TAC sum
1st-Best
2nd-Best
ID

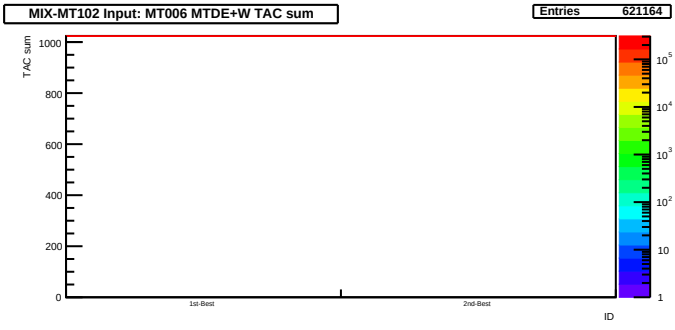

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 621164
TAC sum
1st-Best
2nd-Best
ID

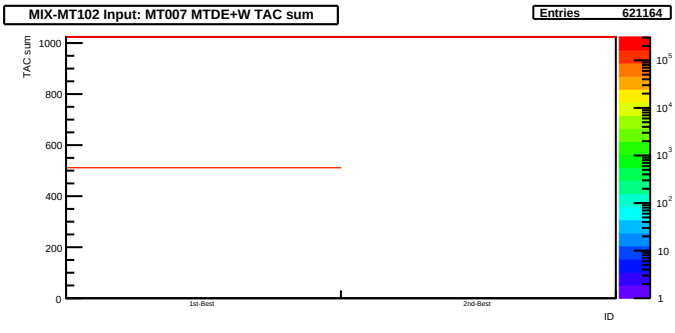

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 621164
TAC sum
1st-Best
2nd-Best
ID

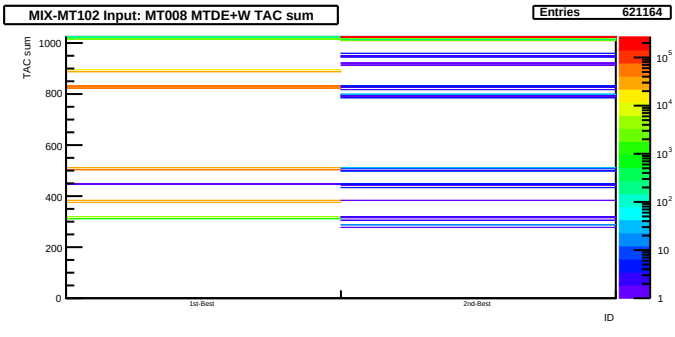

MIX-MT101 Input: VP003 Max TAC
Entries 310582

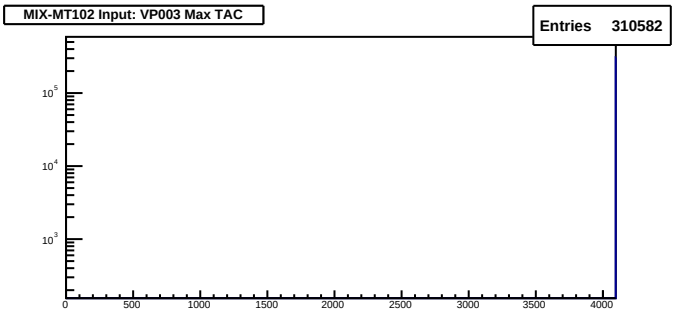

MIX-MT101 Input: VP004 Max TAC
Entries 310582

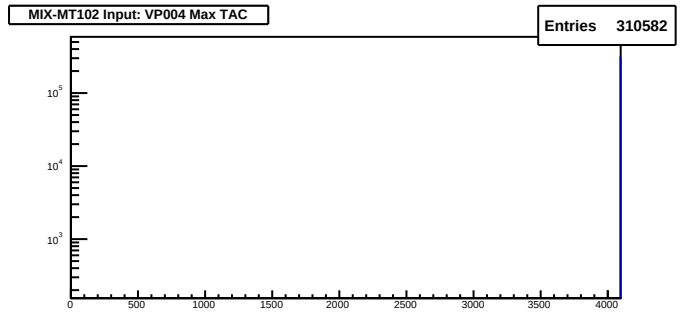

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 621164
TAC sum
1st-Best
2nd-Best
ID

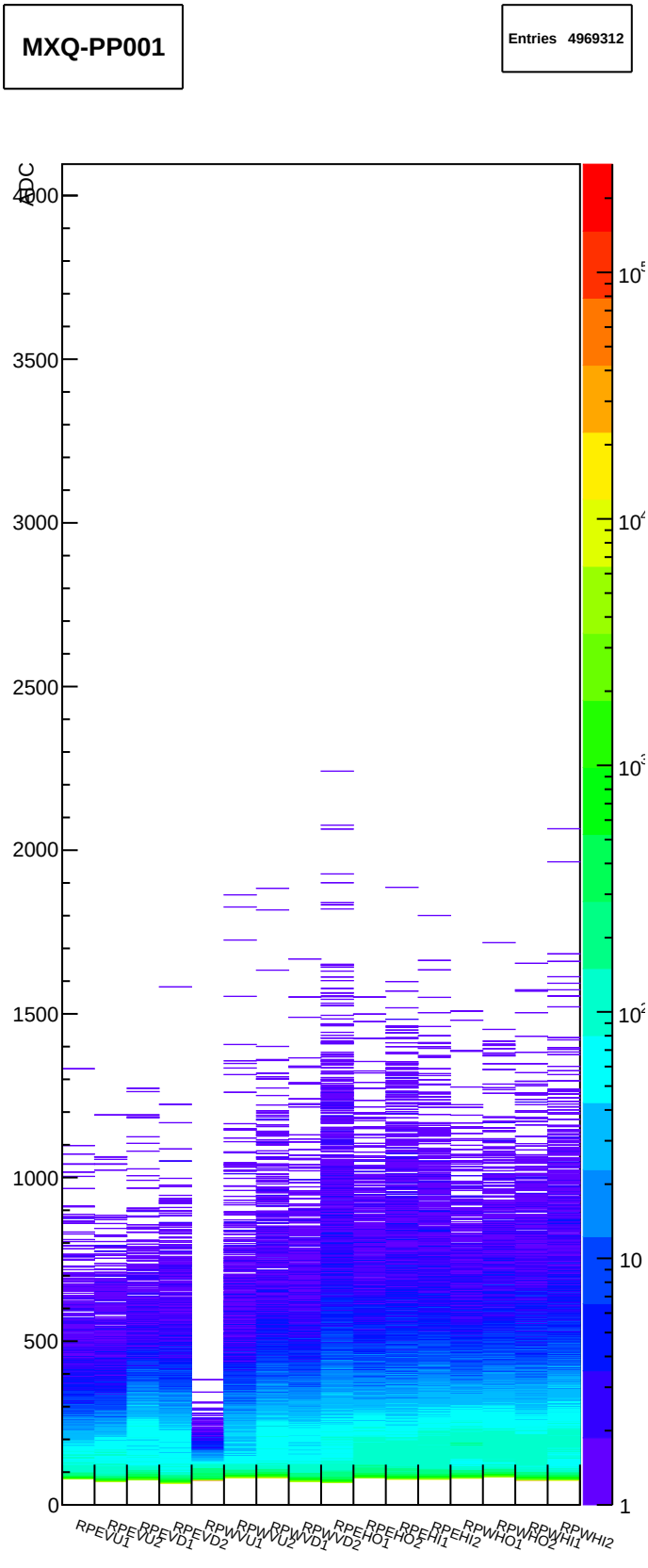

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 621164
TAC sum
1st-Best
2nd-Best
ID

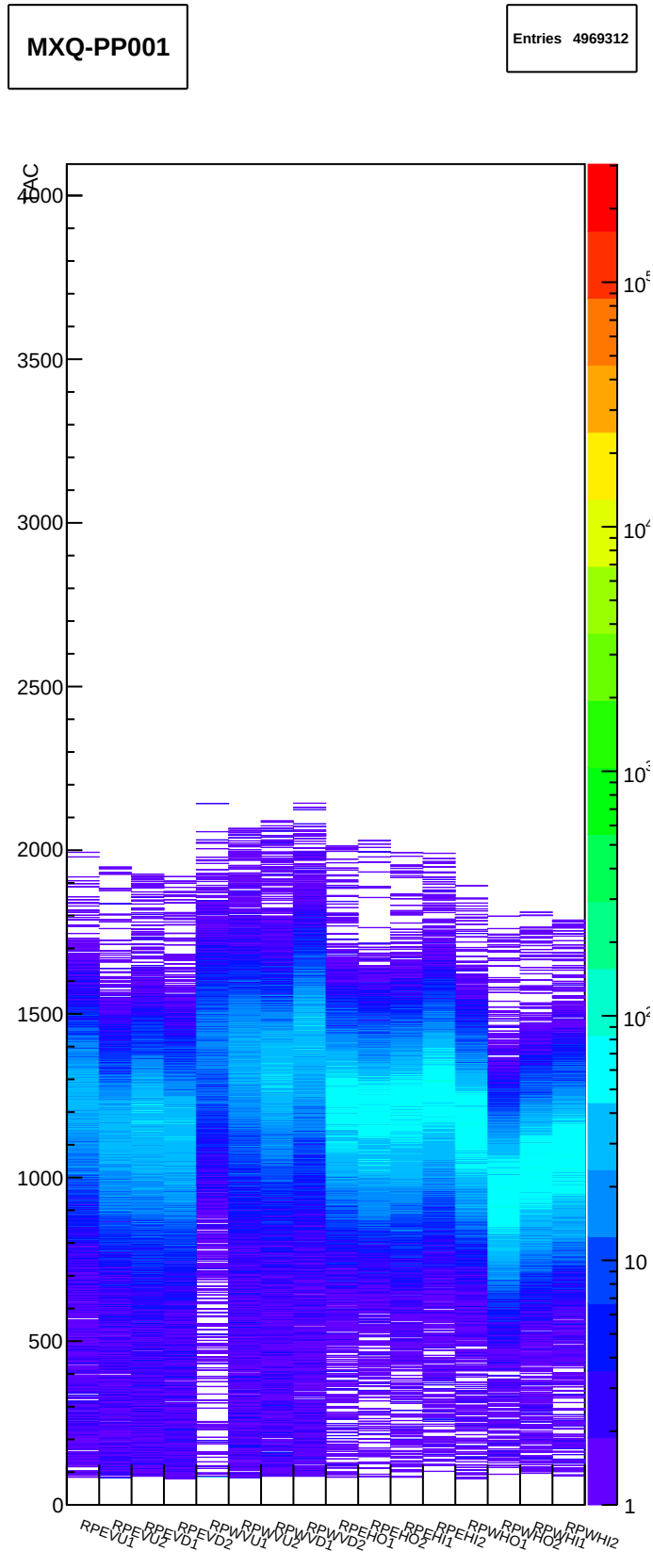

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 621164
TAC sum
1st-Best
2nd-Best
ID

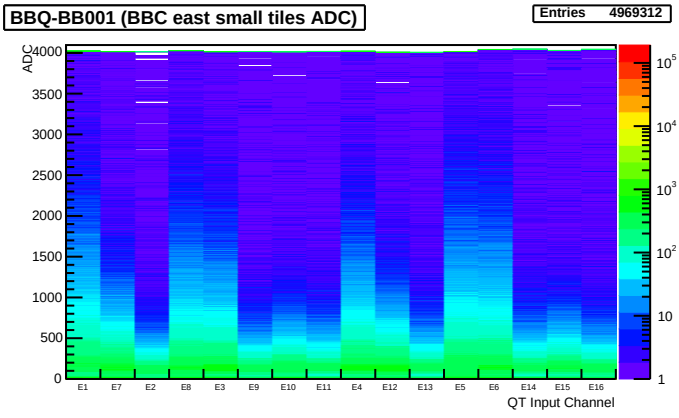

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 621164
TAC sum
1st-Best
2nd-Best
ID

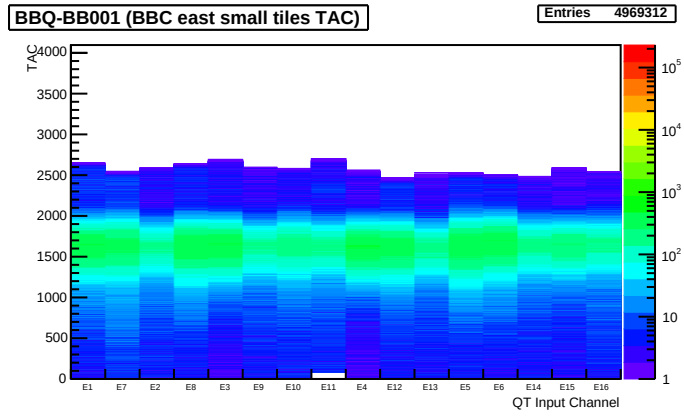

MIX-MT102 Input: VP003 Max TAC
Entries 310582

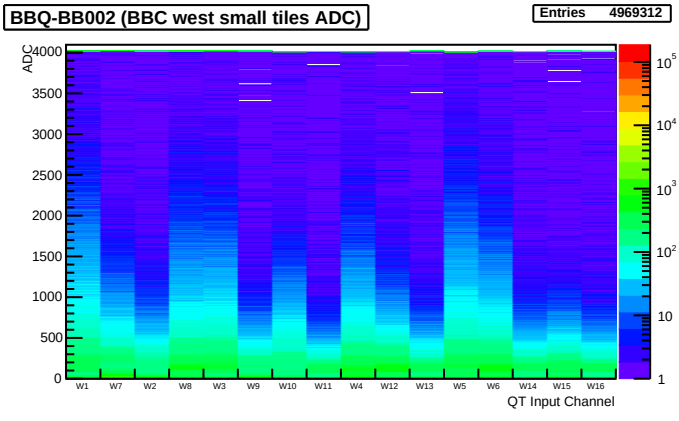

MIX-MT102 Input: VP004 Max TAC
Entries 310582

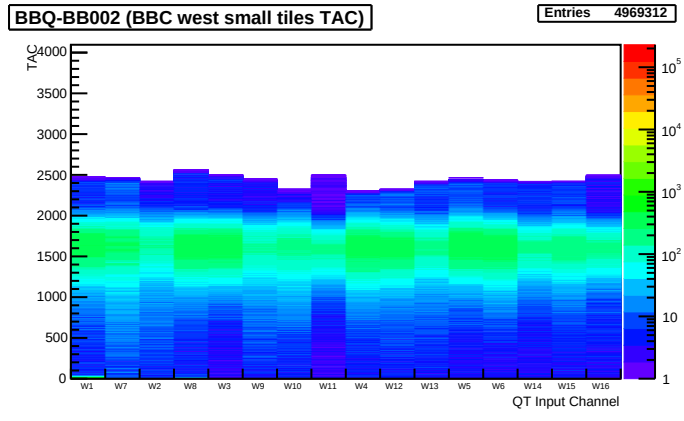

MXQ-PP001
Entries 4969312
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

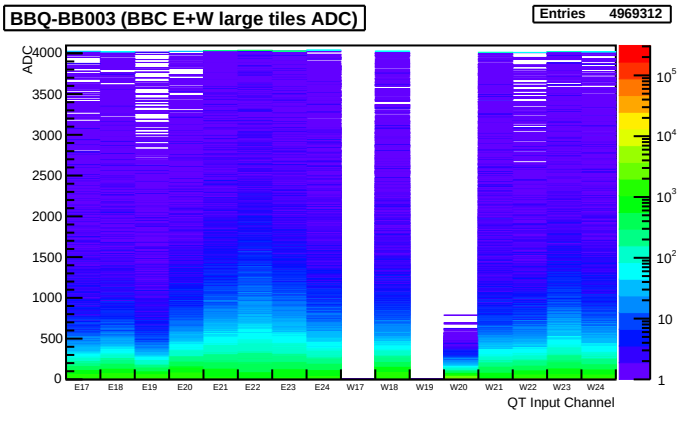

MXQ-PP001
Entries 4969312
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

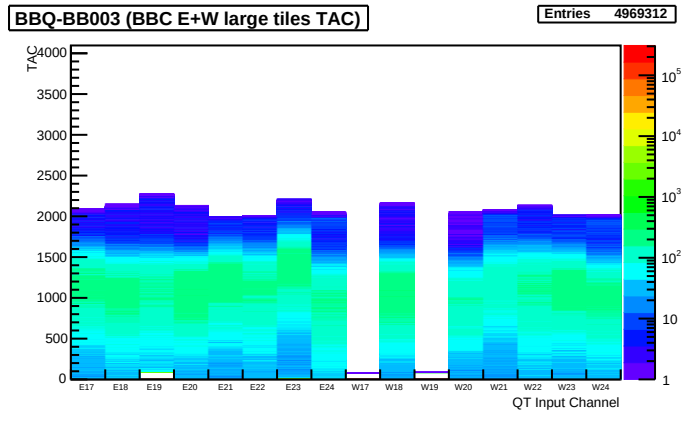

BBQ-BB001 (BBC east small tiles ADC)
Entries 4969312
ADC
QT Input Channel

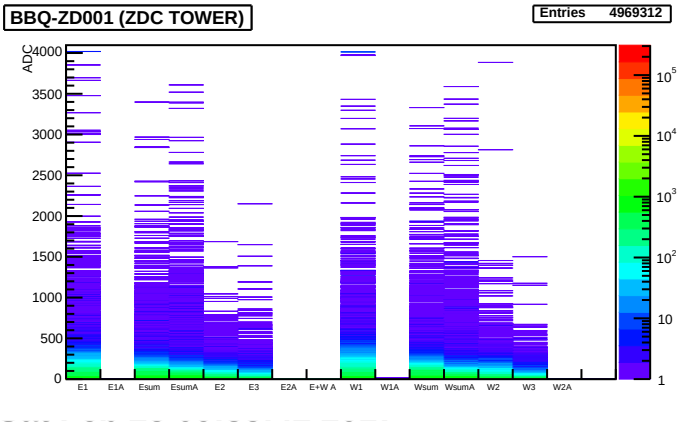

BBQ-BB001 (BBC east small tiles TAC)
Entries 4969312
TAC
QT Input Channel

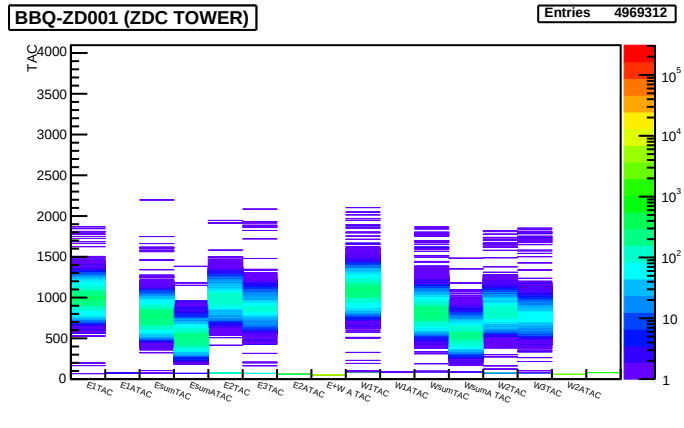

BBQ-BB002 (BBC west small tiles ADC)
Entries 4969312
ADC
QT Input Channel

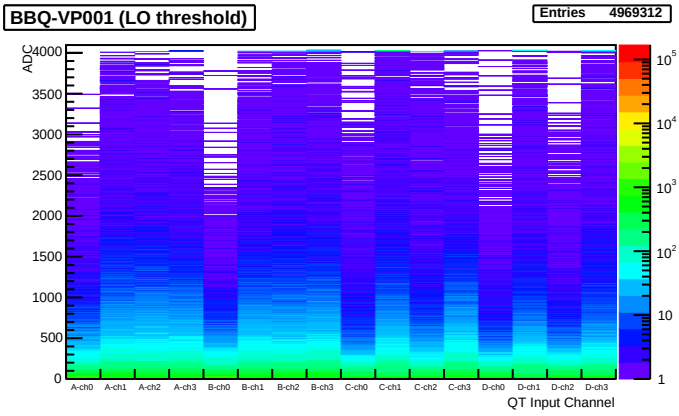

BBQ-BB002 (BBC west small tiles TAC)
Entries 4969312
TAC
QT Input Channel

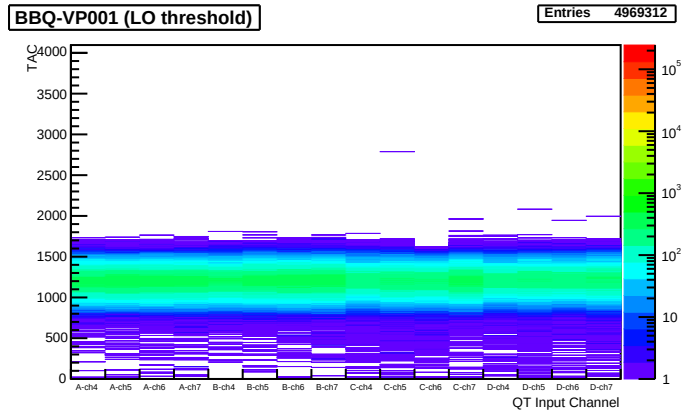

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4969312
ADC
QT Input Channel

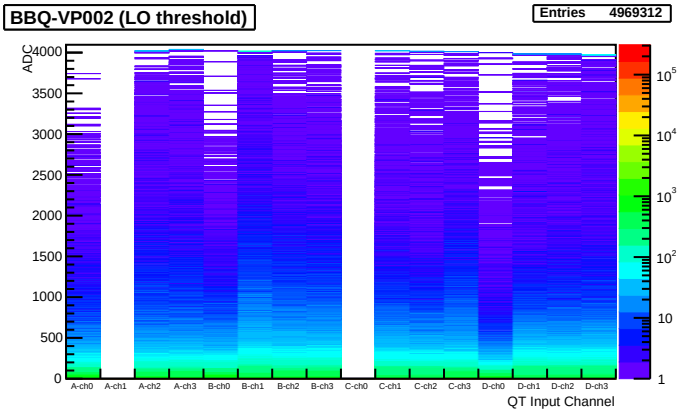

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4969312
TAC
QT Input Channel

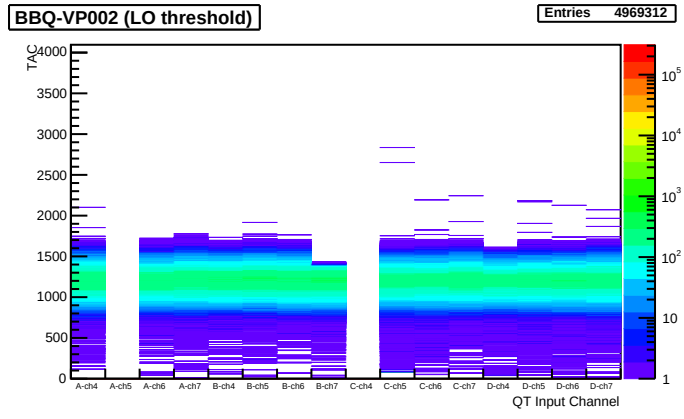

BBQ-ZD001 (ZDC TOWER)
Entries 4969312
ADC

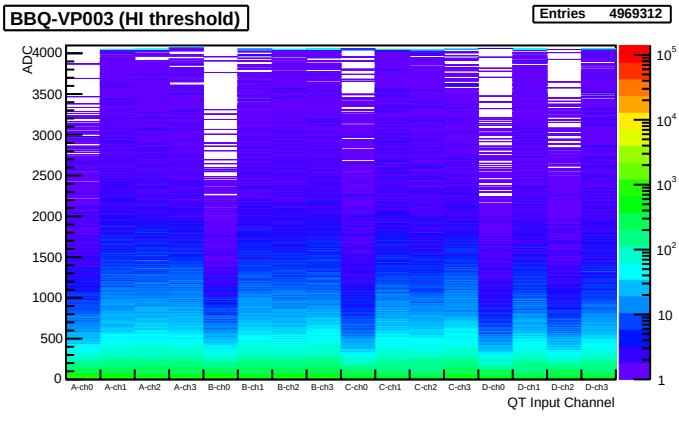

BBQ-ZD001 (ZDC TOWER)
Entries 4969312
TAC

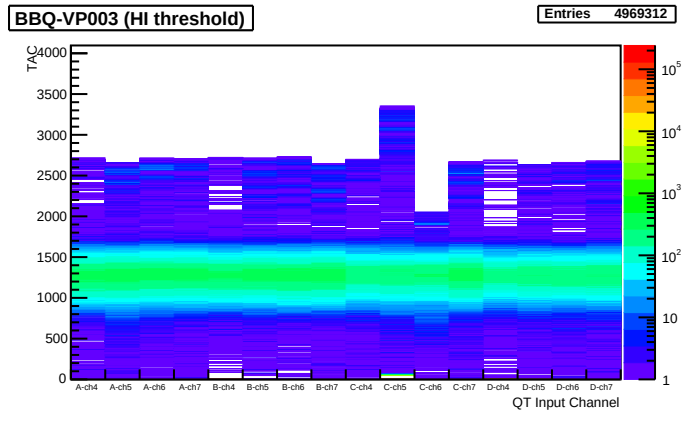

BBQ-VP001 (LO threshold)
Entries 4969312
ADC
QT Input Channel

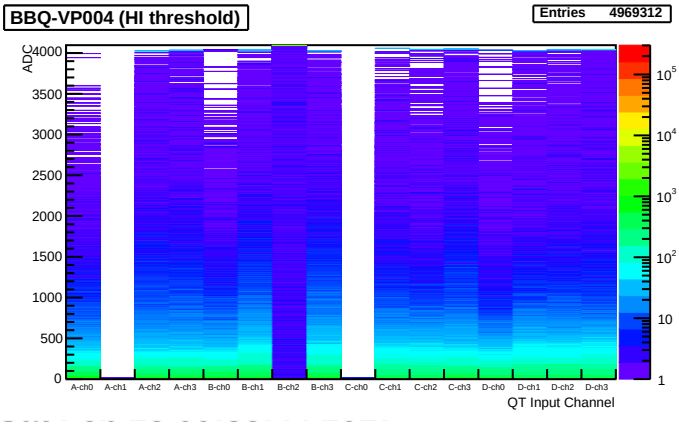

BBQ-VP001 (LO threshold)
Entries 4969312
TAC
QT Input Channel

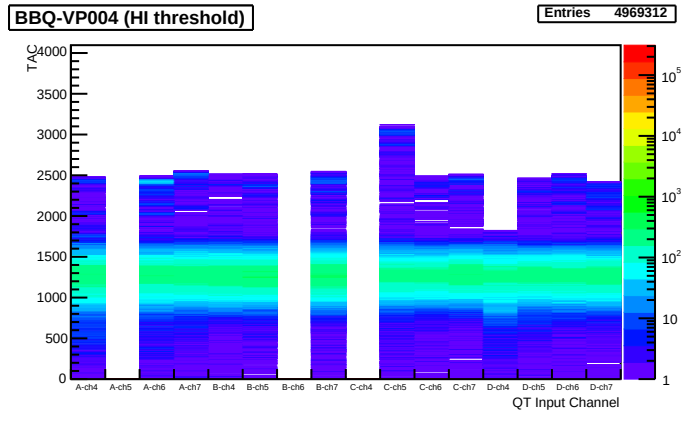

BBQ-VP002 (LO threshold)
Entries 4969312
ADC
QT Input Channel

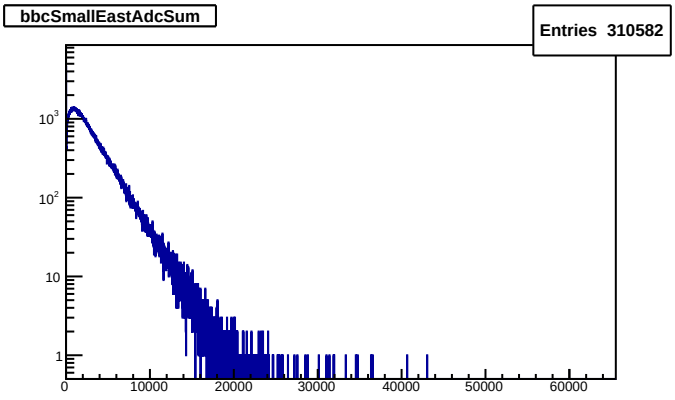

BBQ-VP002 (LO threshold)
Entries 4969312
TAC
QT Input Channel

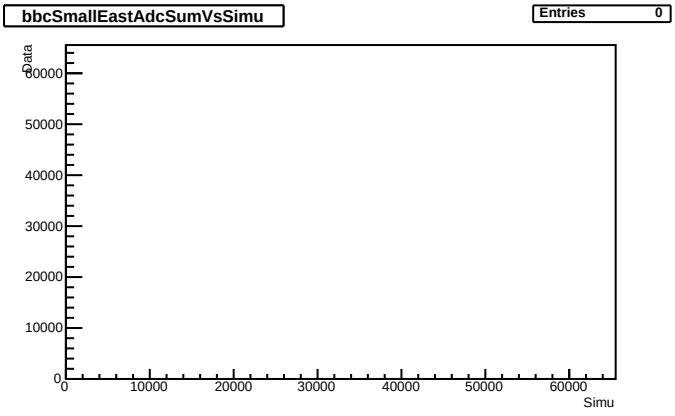

BBQ-VP003 (HI threshold)
Entries 4969312
ADC
QT Input Channel

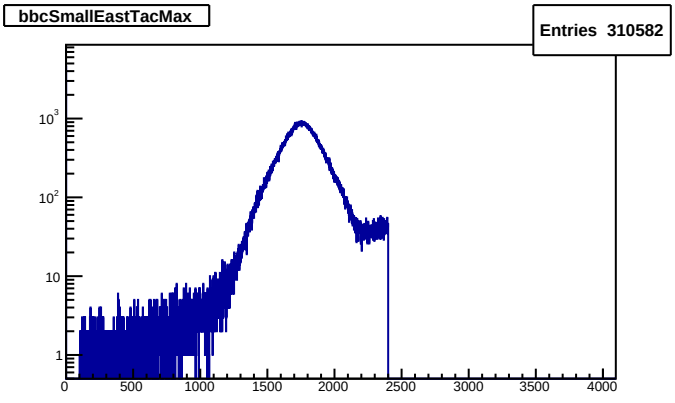

BBQ-VP003 (HI threshold)
Entries 4969312
TAC
QT Input Channel

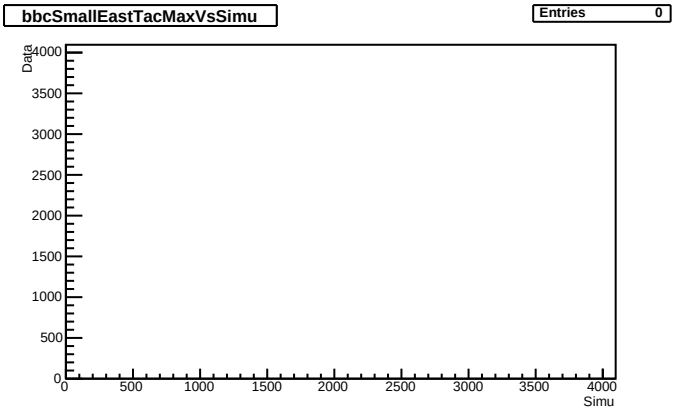

BBQ-VP004 (HI threshold)
Entries 4969312
ADC
QT Input Channel

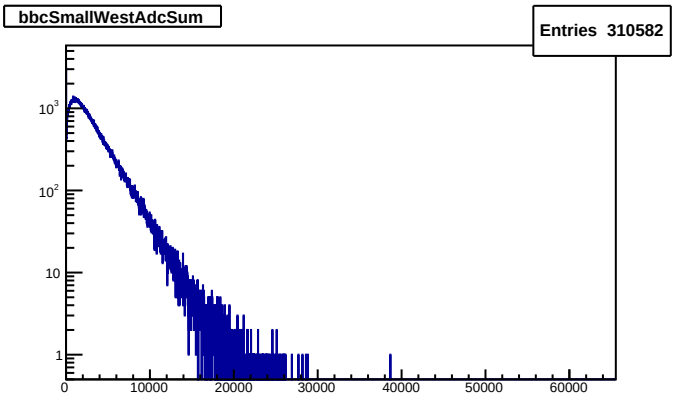

BBQ-VP004 (HI threshold)
Entries 4969312
TAC
QT Input Channel

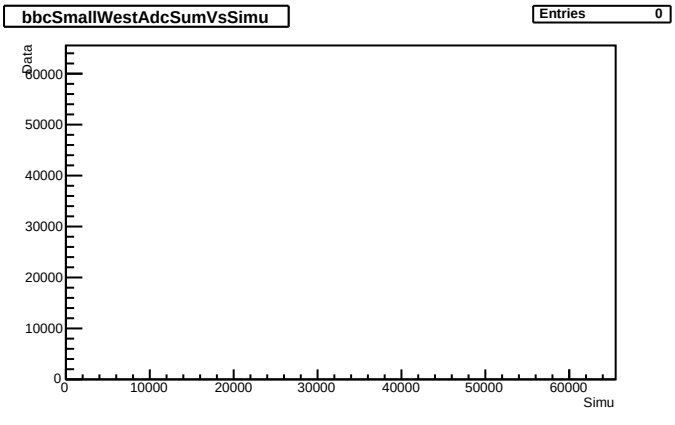

bbcSmallEastAdcSum
Entries 310582

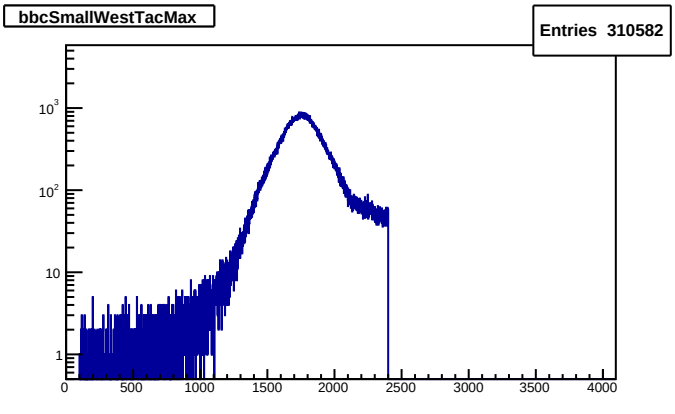

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

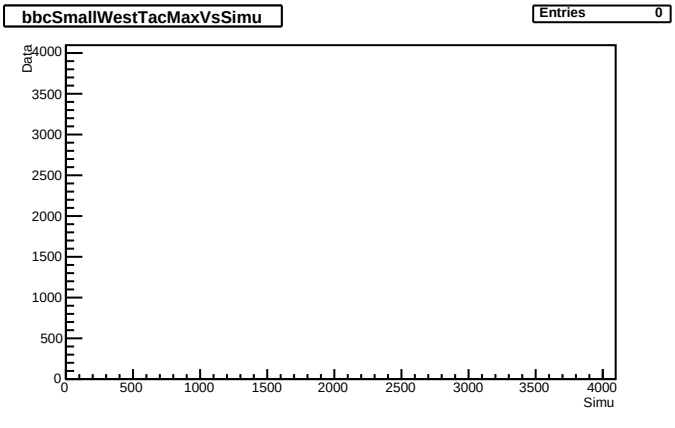

bbcSmallEastTacMax
Entries 310582

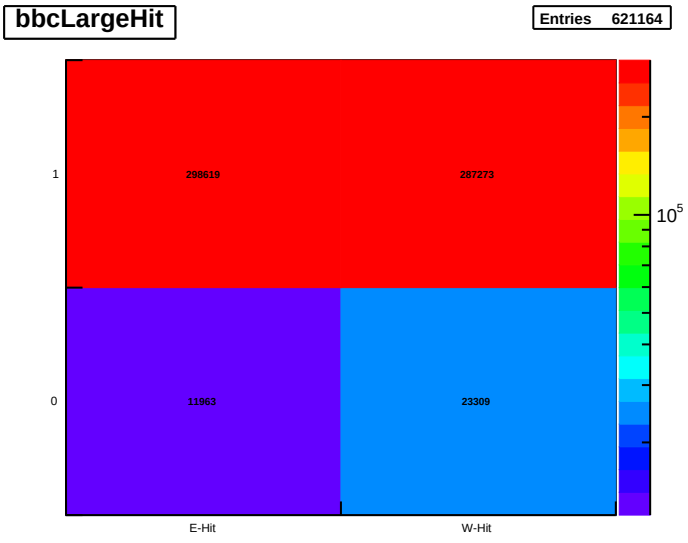

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

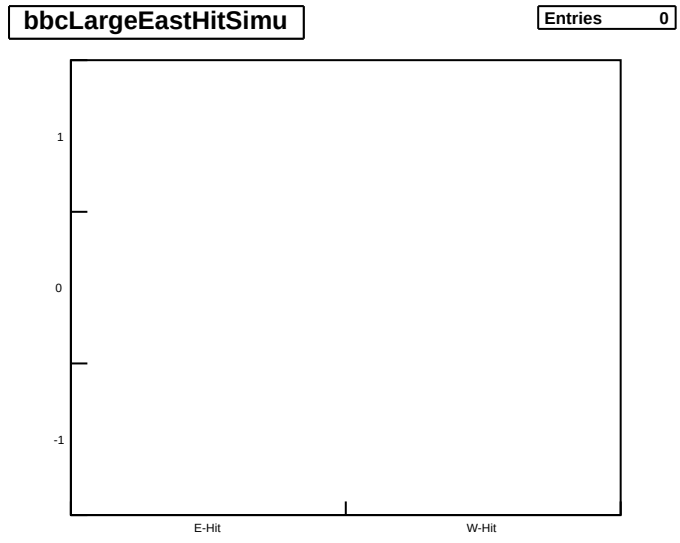

bbcSmallWestAdcSum
Entries 310582

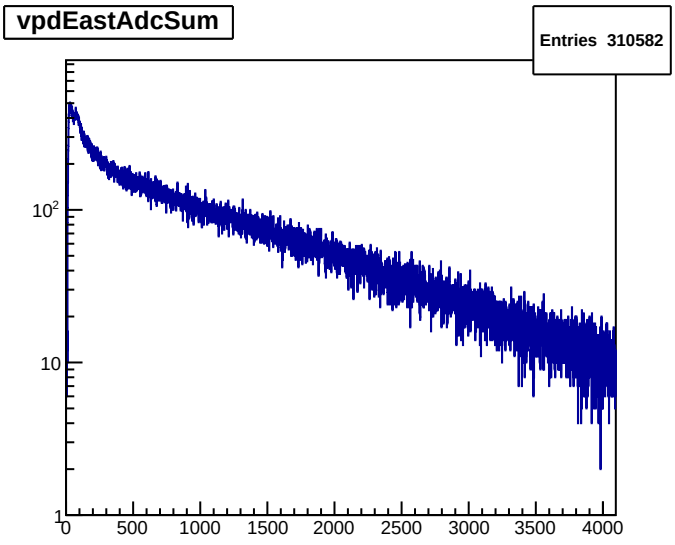

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

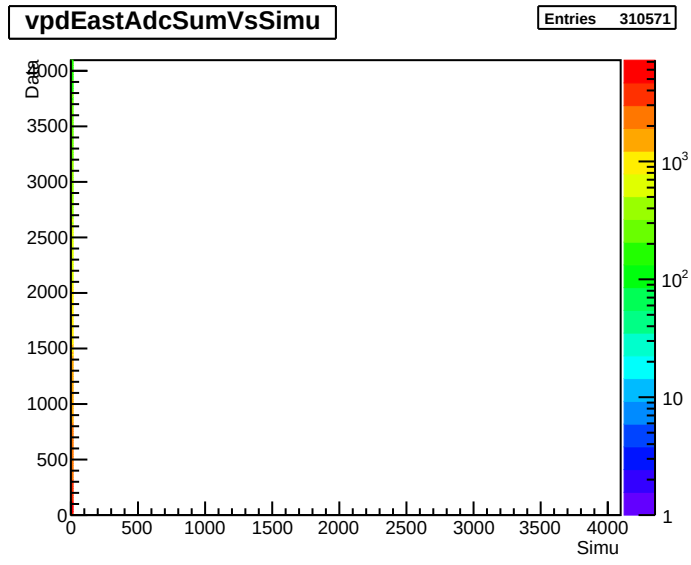

bbcSmallWestTacMax
Entries 310582

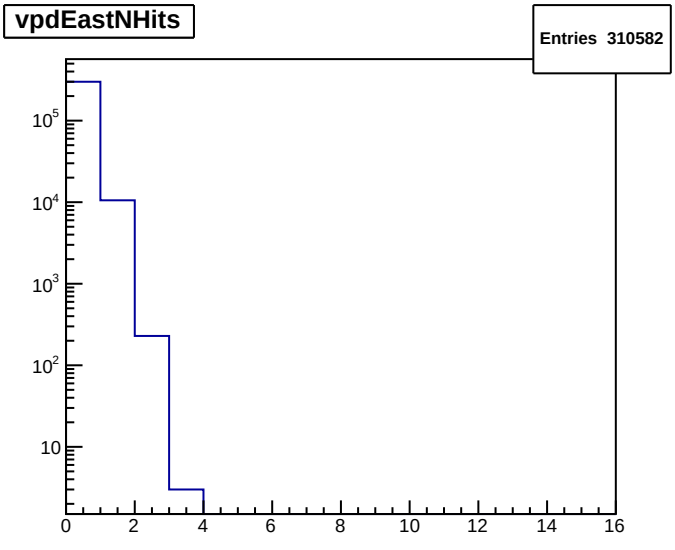

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

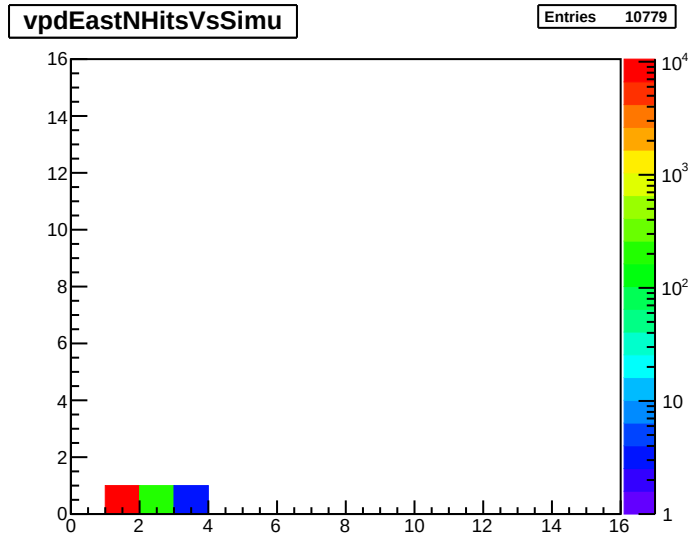

bbcLargeHit
Entries 621164
298619
287273
11963
23309
1
0
E-Hit
W-Hit
10^5

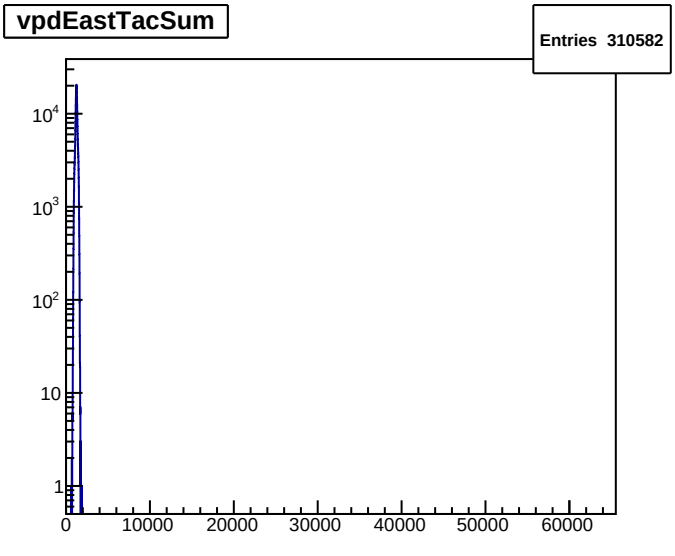

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

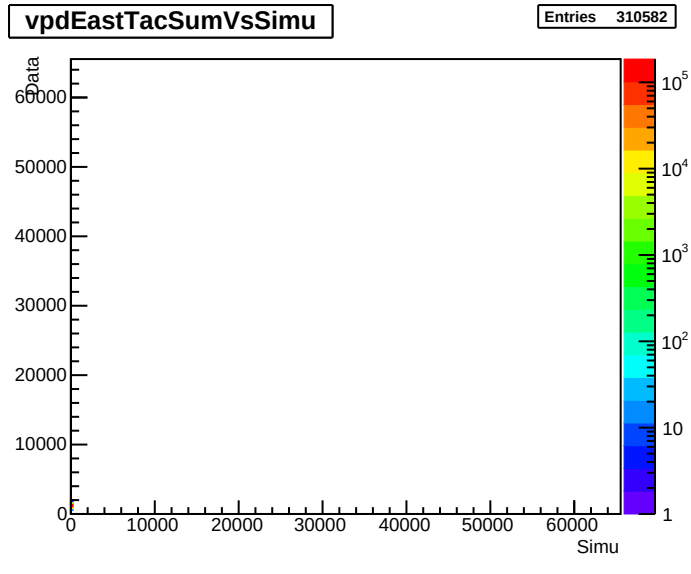

vpdEastAdcSum
Entries 310582

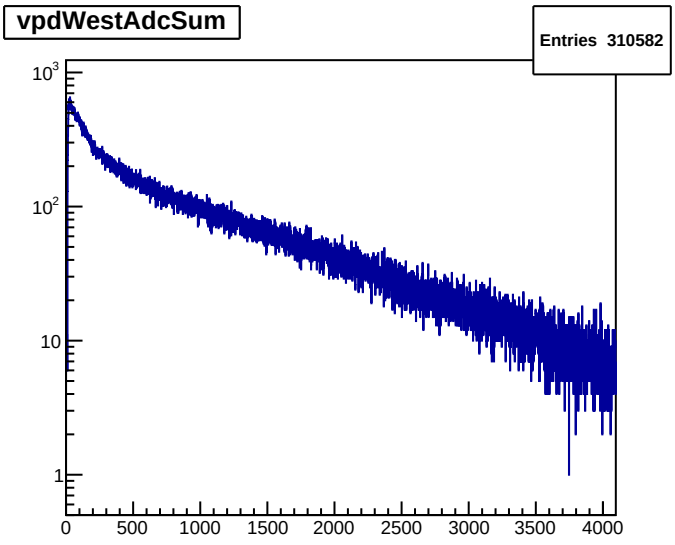

vpdEastAdcSumVsSimu
Entries 310571
Data
Simu

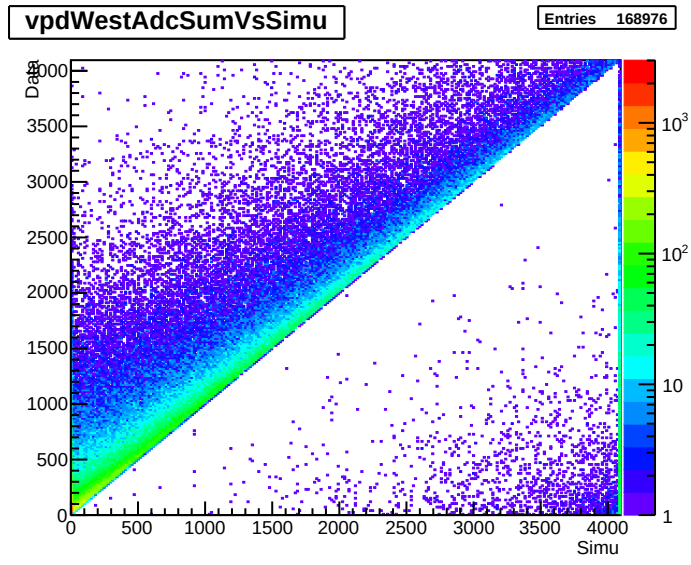

vpdEastNHits
Entries 310582

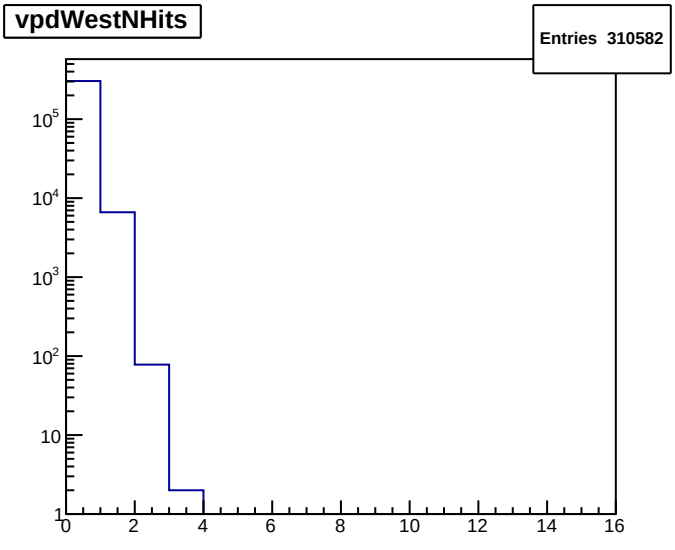

vpdEastNHitsVsSimu
Entries 10779

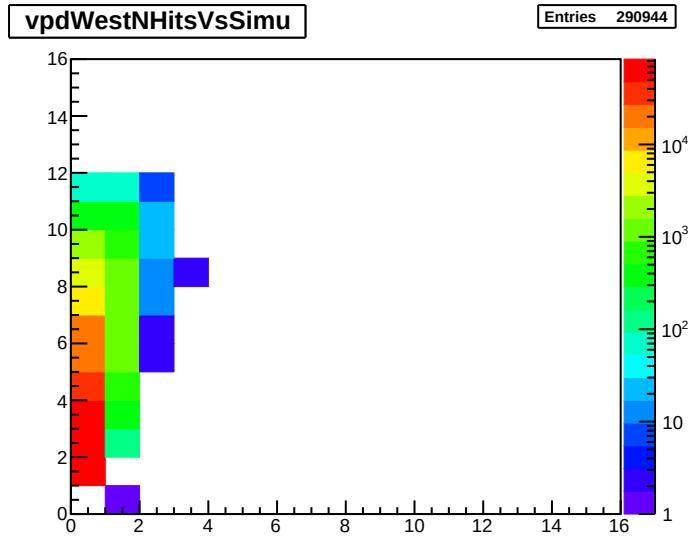

vpdEastTacSum
Entries 310582

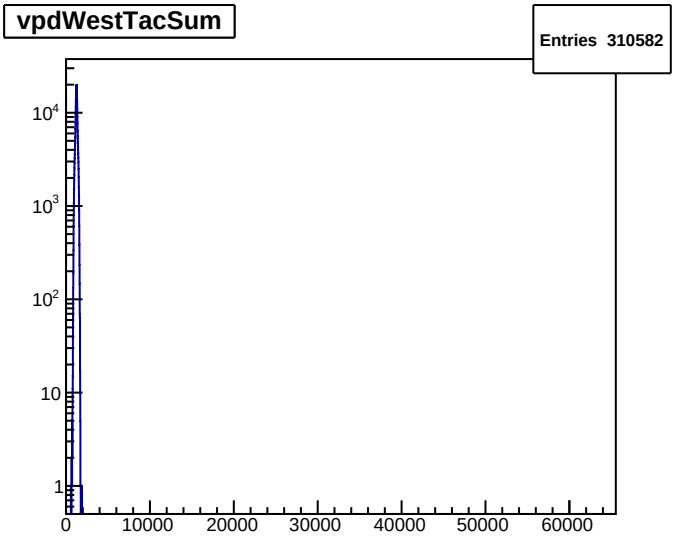

vpdEastTacSumVsSimu
Entries 310582
Data
Simu

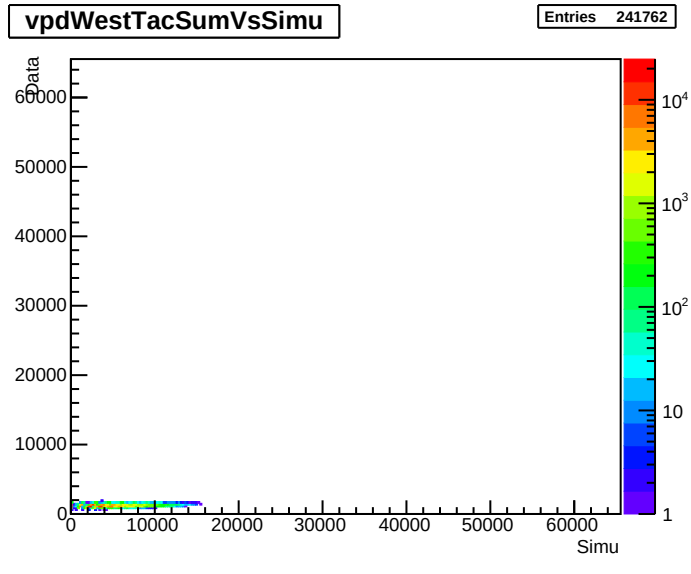

vpdWestAdcSum
Entries 310582

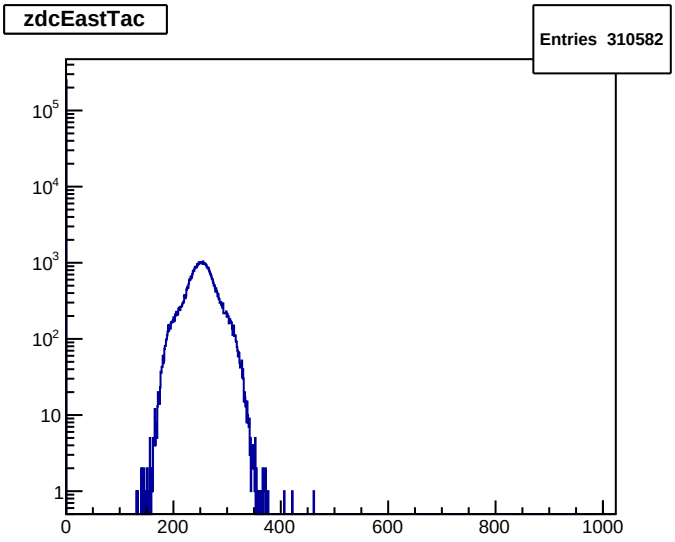

vpdWestAdcSumVsSimu
Entries 168976
Data
Simu

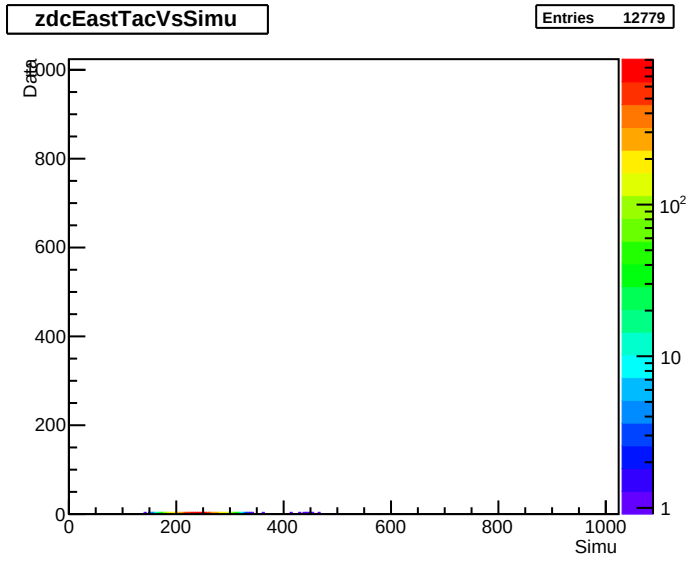

vpdWestNHits
Entries 310582

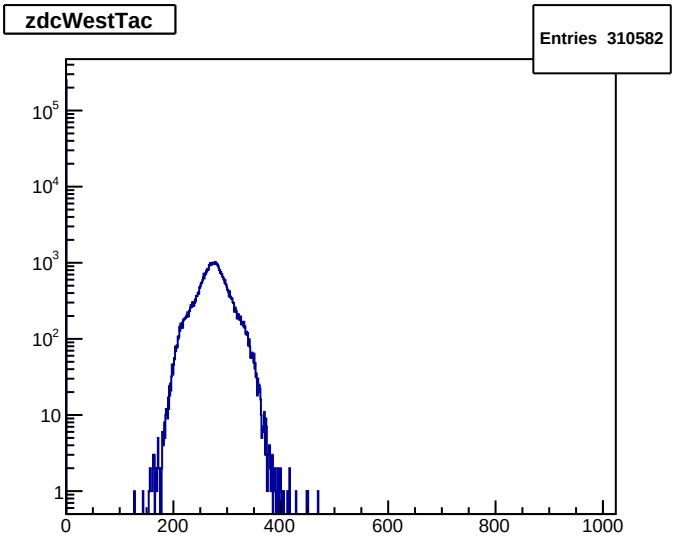

vpdWestNHitsVsSimu
Entries 290944

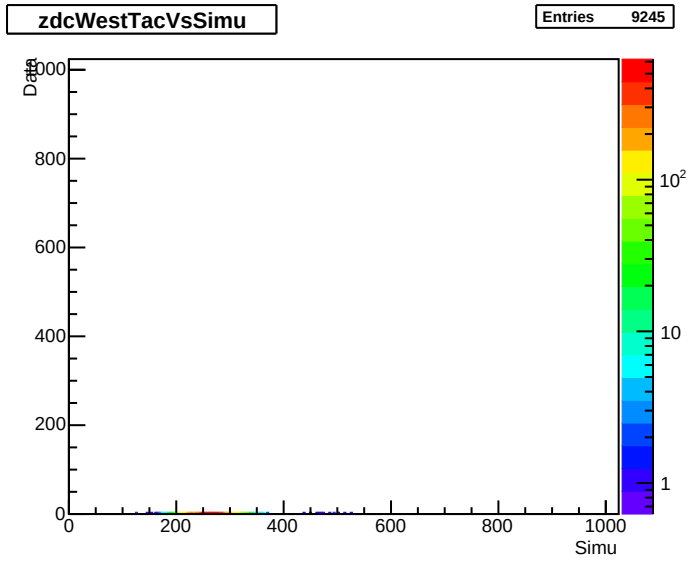

vpdWestTacSum
Entries 310582

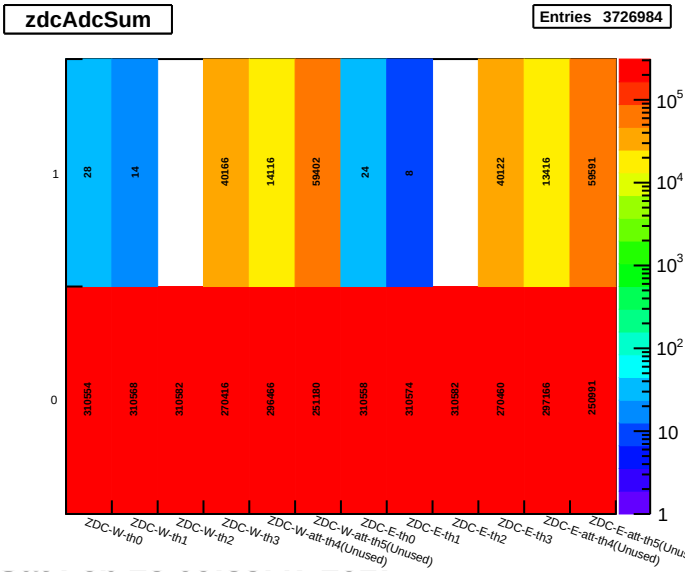

vpdWestTacSumVsSimu
Entries 241762
Data
Simu

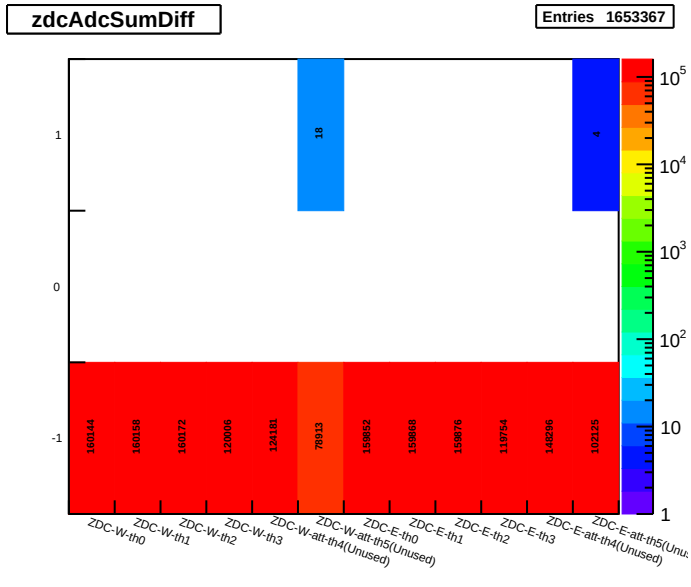

zdcEastTac
Entries 310582

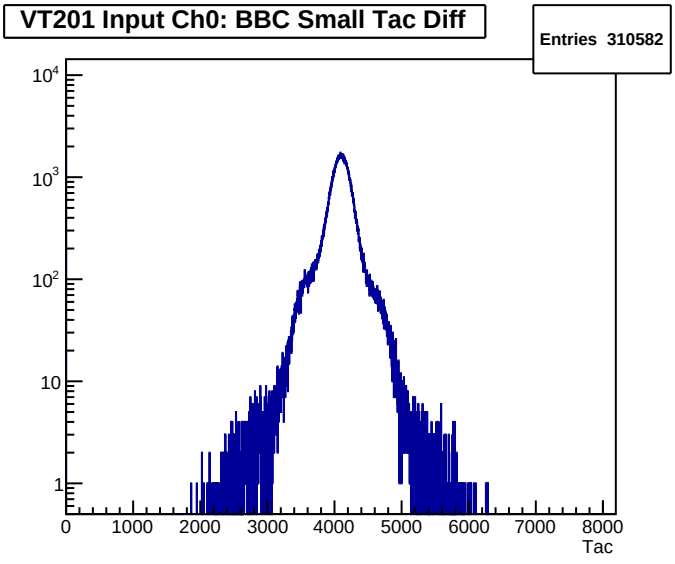

zdcEastTacVsSimu
Entries 12779
Data
Simu

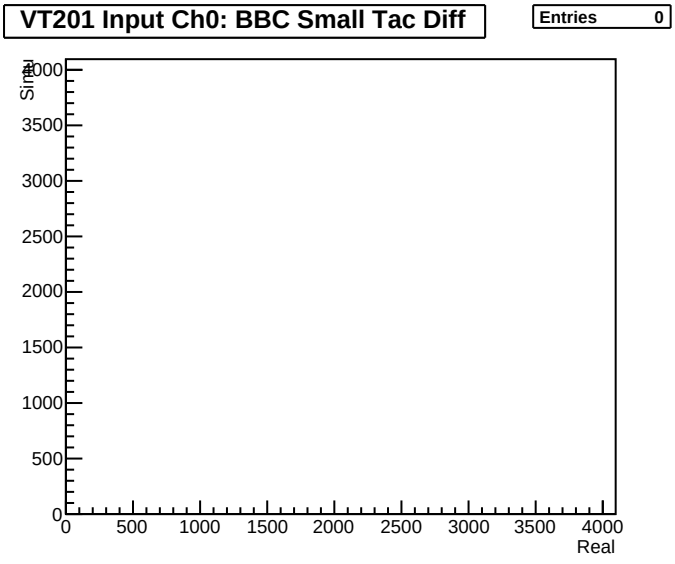

zdcWestTac
Entries 310582

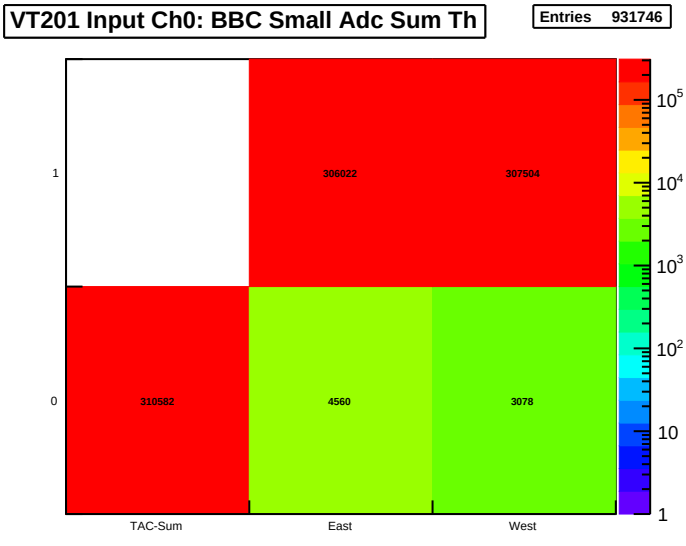

zdcWestTacVsSimu
Entries 9245
Data
Simu

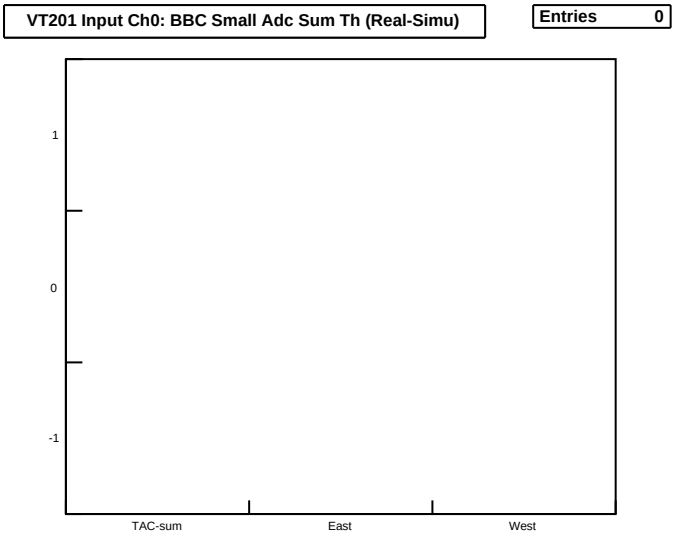

zdcAdcSum
Entries 3726984
28
14
40166
14116
59402
24
8
40122
13416
59591
310554
310568
310582
270416
296466
251180
310568
310574
310592
270460
297166
250991
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

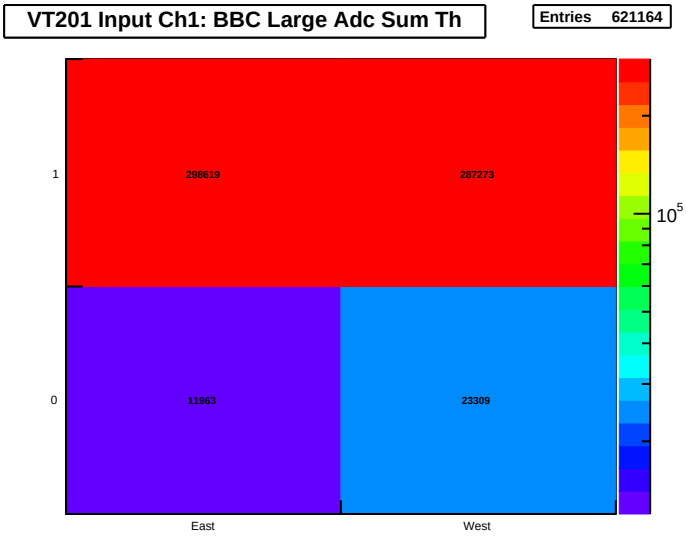

zdcAdcSumDiff
Entries 1653367
18
4
160144
160158
160172
120006
124181
78913
159852
158868
158876
119754
142296
102125
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

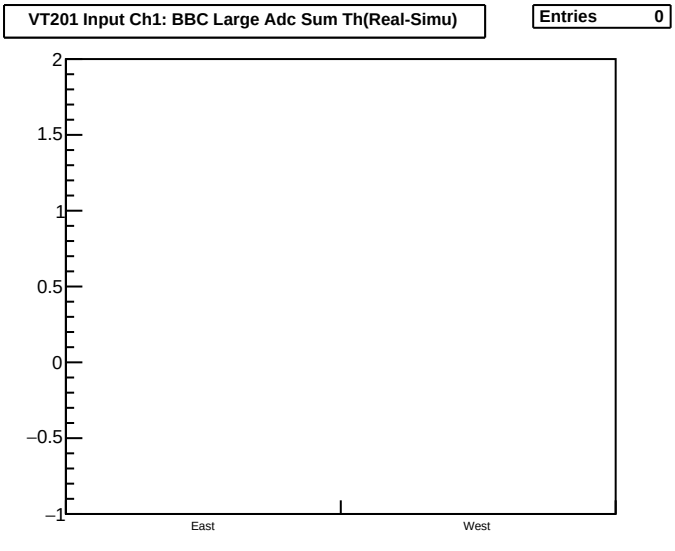

VT201 Input Ch0: BBC Small Tac Diff
Entries 310582
Tac


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

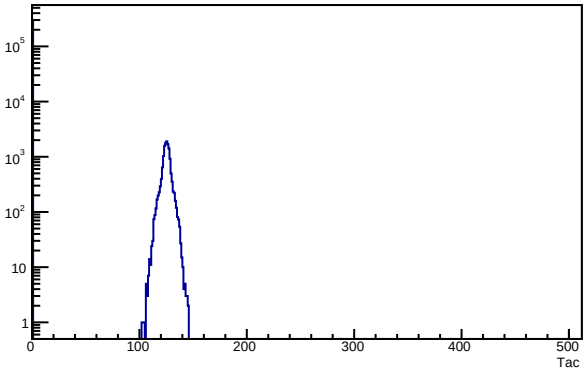

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 931746
306022
307504
310582
4560
3078
TAC-Sum
East
West


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

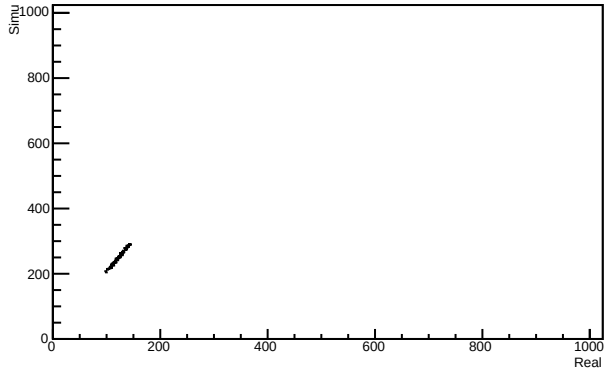

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 621164
298619
287273
11963
23309
East
West


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

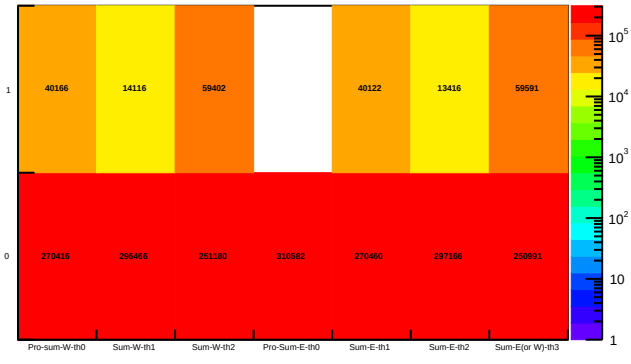
VT201 Input Ch2: ZDC Tac Diff



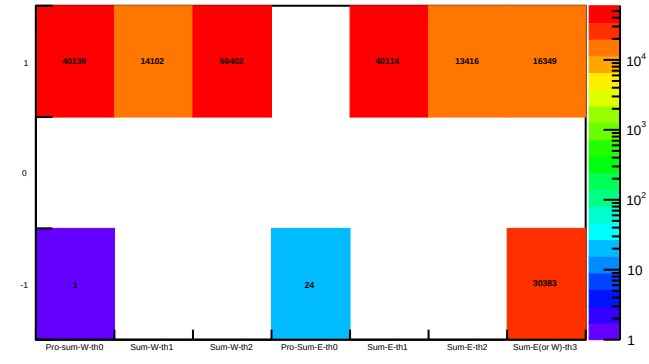
VT201 Input Ch2: ZDC Tac Diff



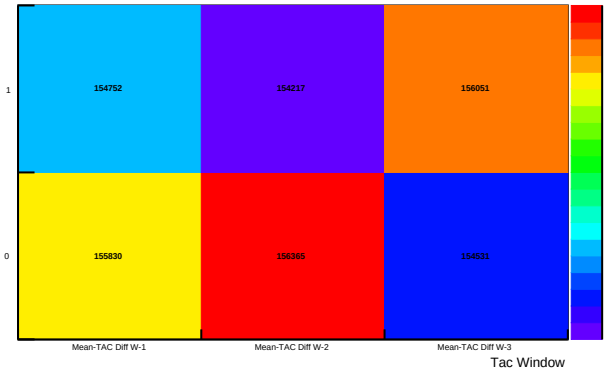
VT201 Input Ch2: ZDC Adc Sum Th



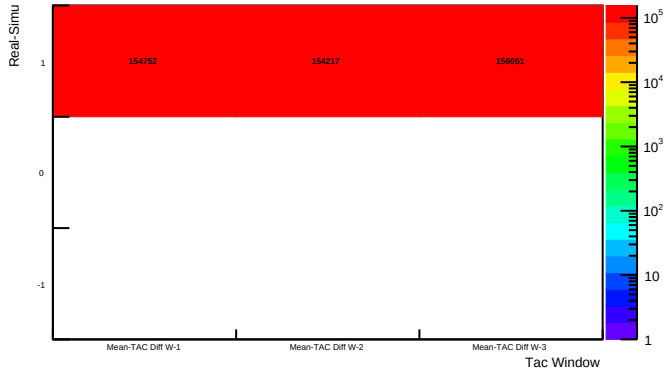
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



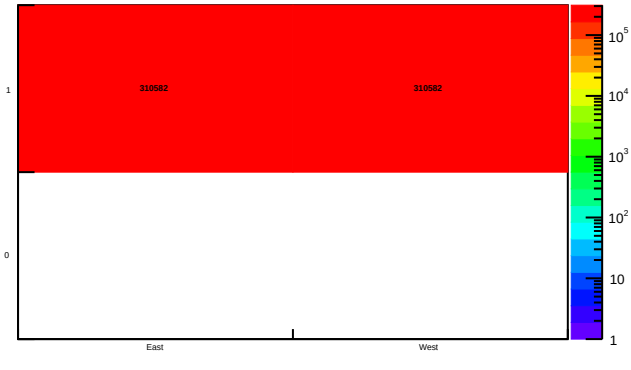
VT201 Input Ch4: VPD Tac Diff



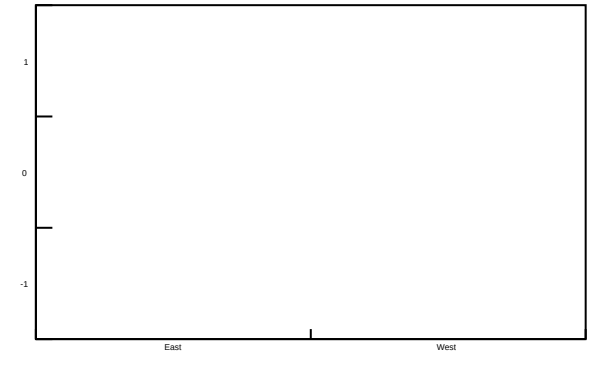
VT201 Input Ch4: VPD Tac Diff

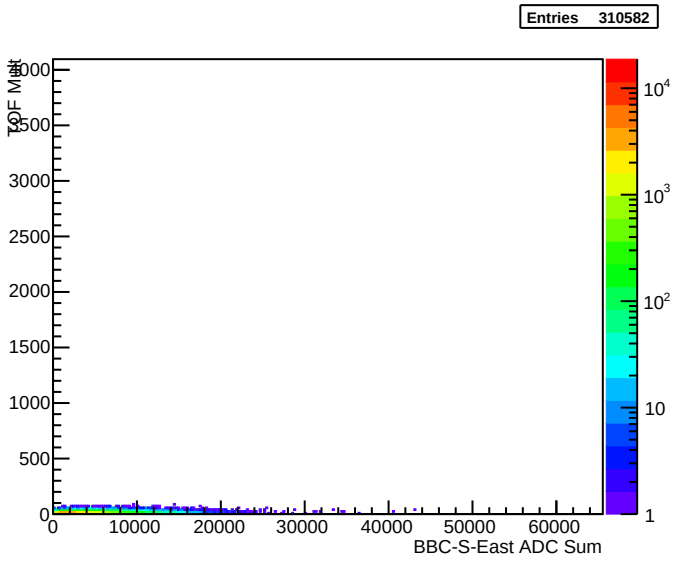


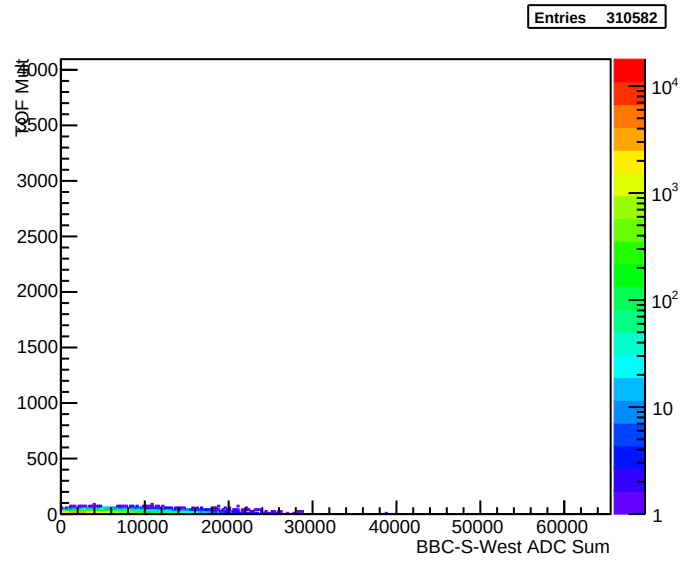
VT201 Input Ch4: VPD Adc Sum Th

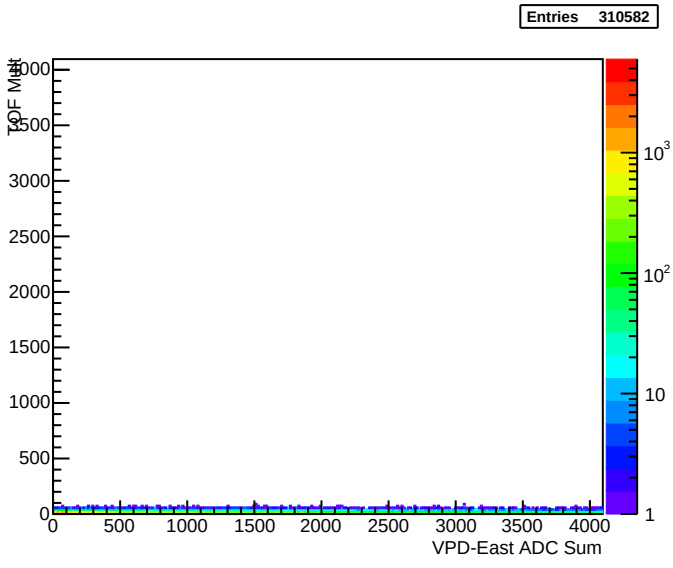


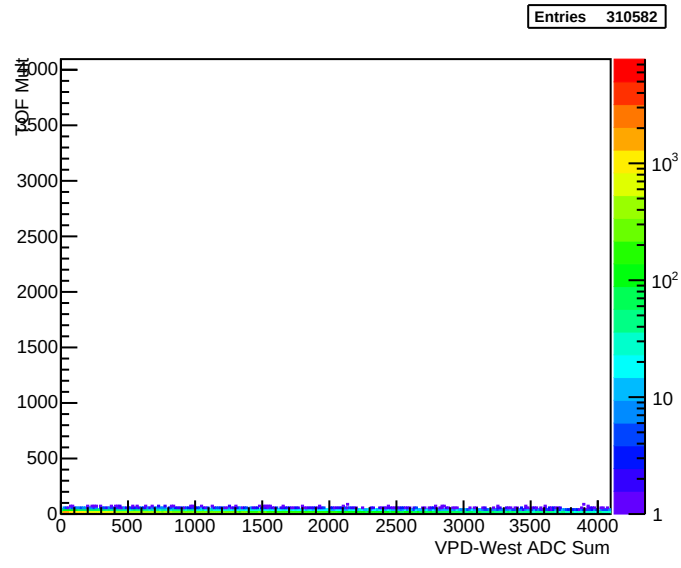
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

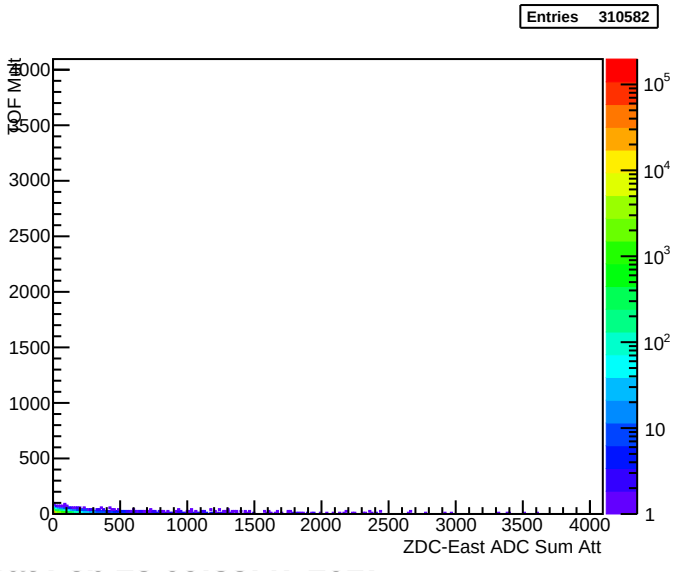


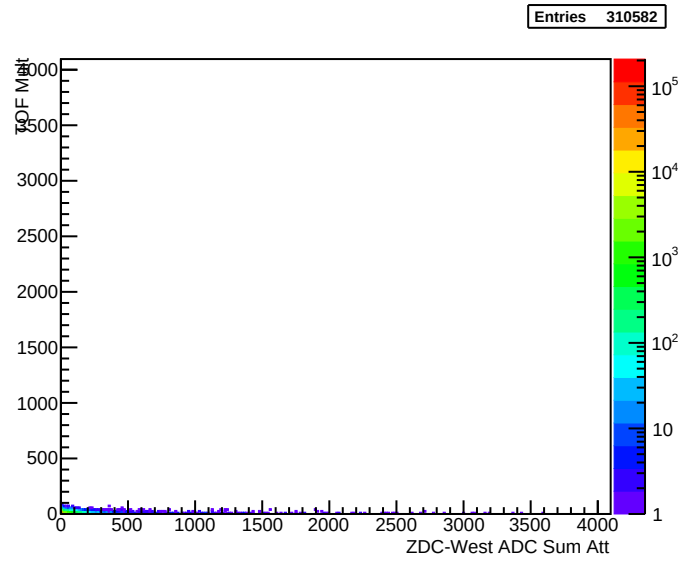

Entries 310582
TOF Mult
BBC-S-East ADC Sum

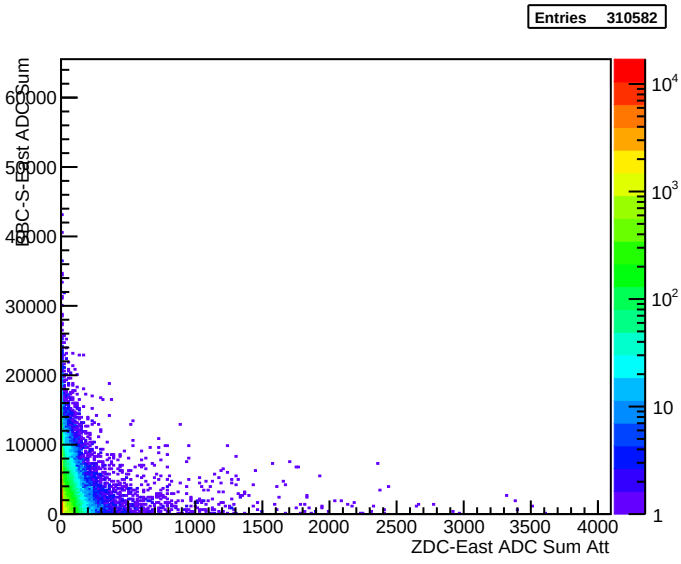

Entries 310582
TOF Mult
BBC-S-West ADC Sum

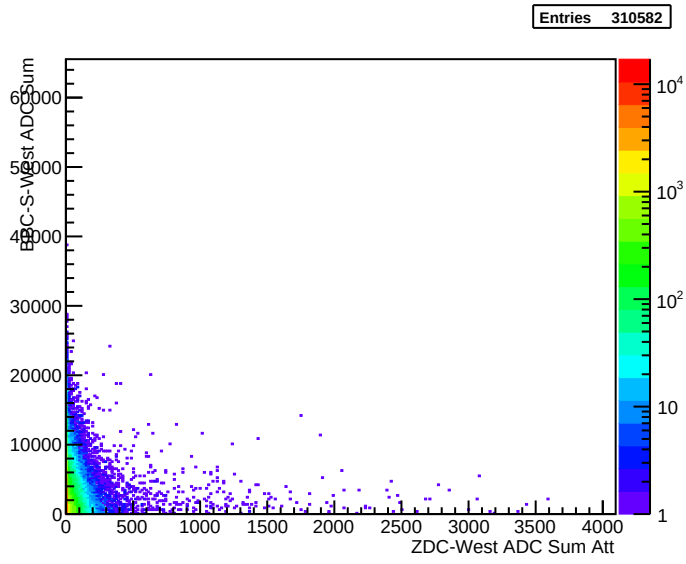

Entries 310582
TOF Mult
VPD-East ADC Sum

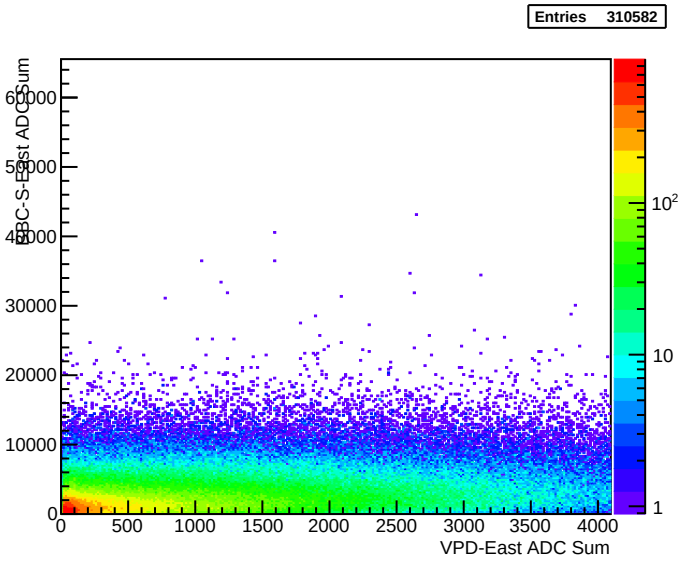

Entries 310582
TOF Mult
VPD-West ADC Sum

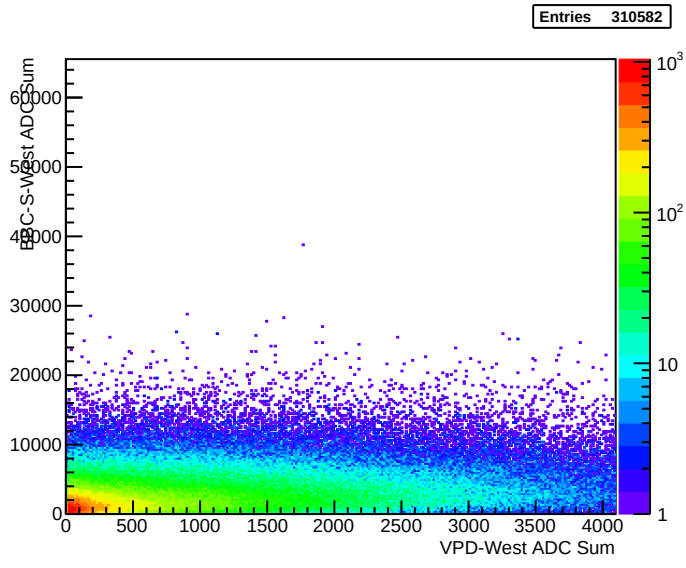

Entries 310582
TOF Mult
ZDC-East ADC Sum Att

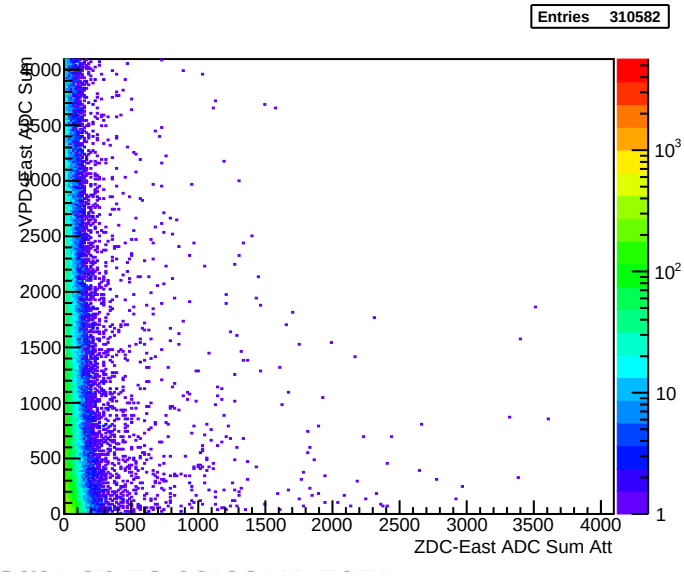

Entries 310582
TOF Mult
ZDC-West ADC Sum Att

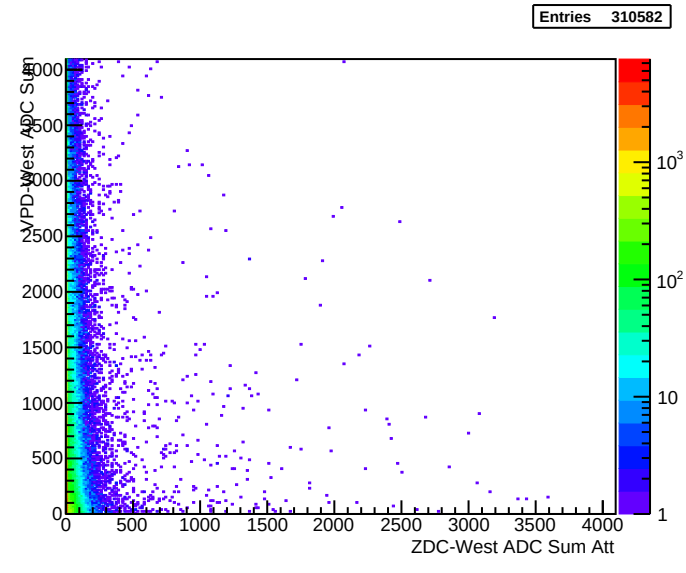

Entries 310582
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

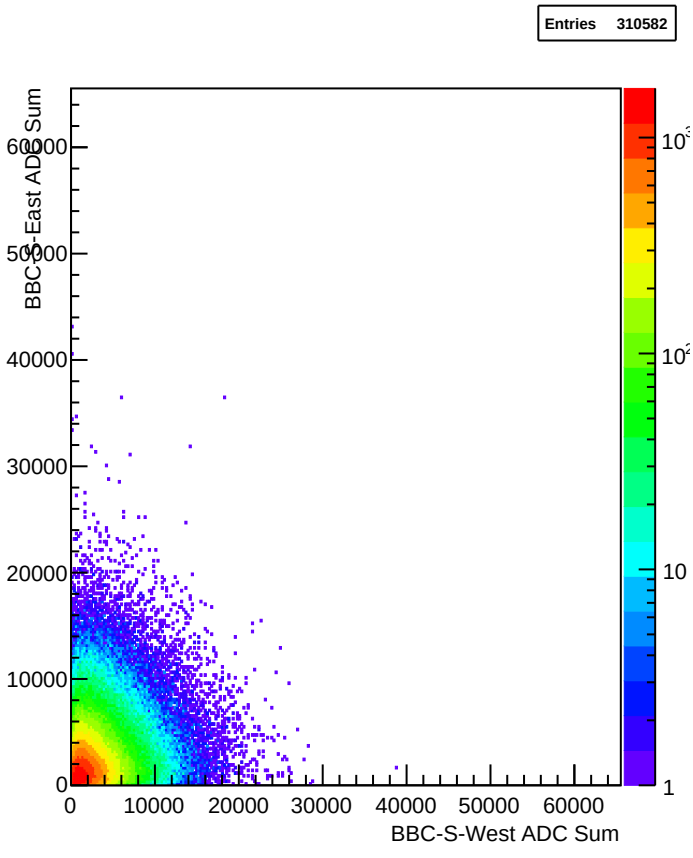

Entries 310582
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

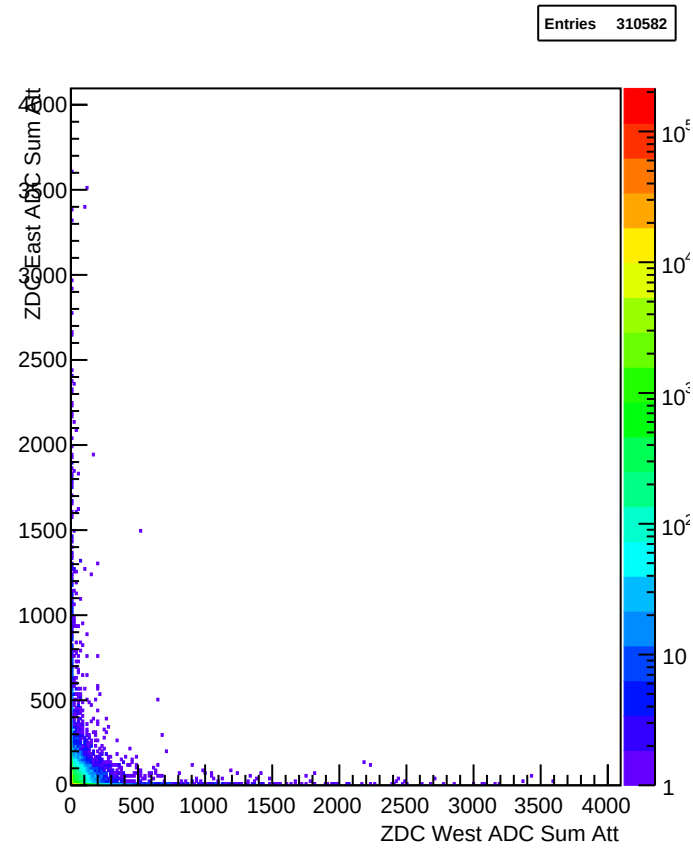

Entries 310582
BBC-S-East ADC Sum
VPD-East ADC Sum

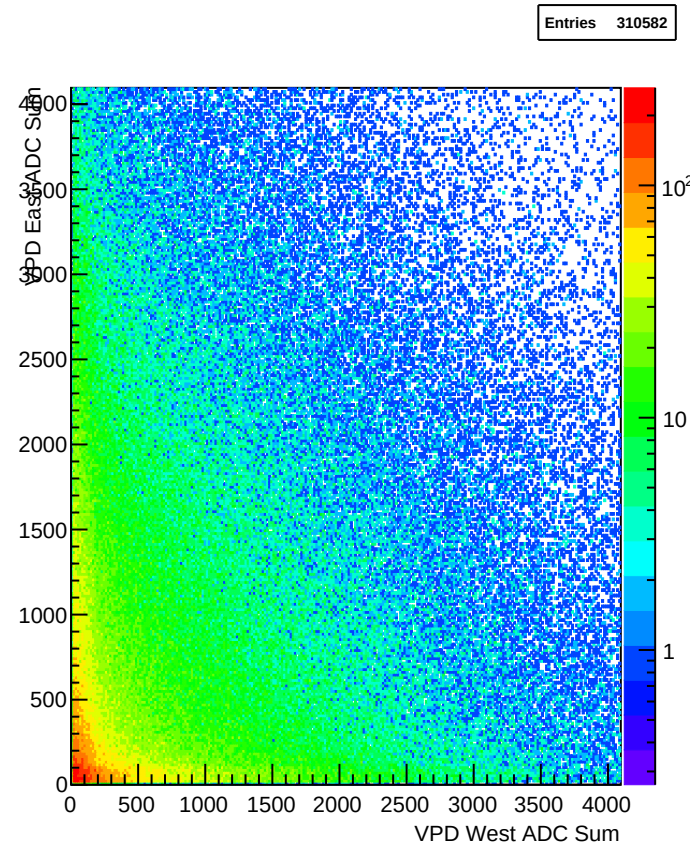

Entries 310582
BBC-S-West ADC Sum
VPD-West ADC Sum

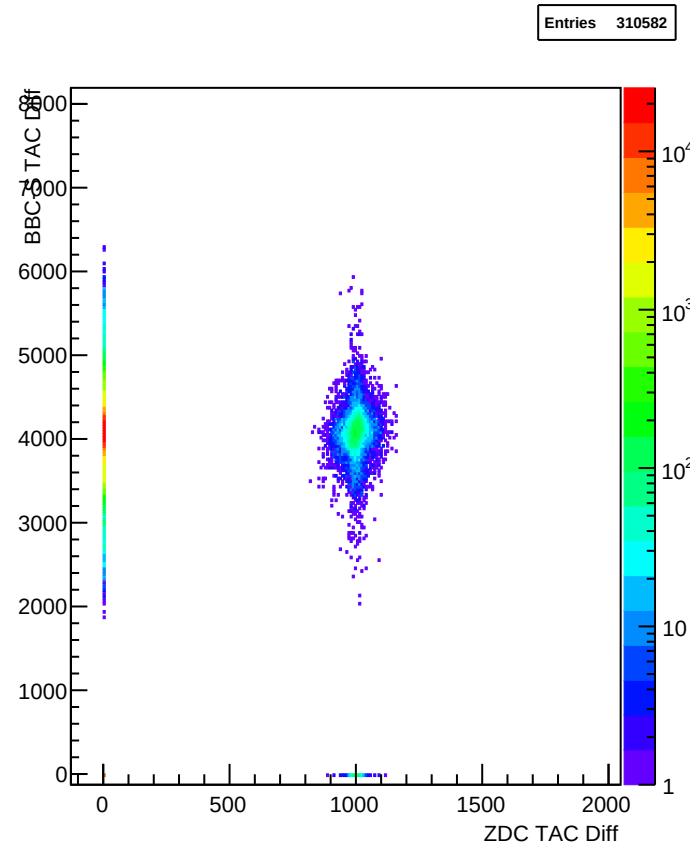

Entries 310582
VPD-East ADC Sum
ZDC-East ADC Sum Att

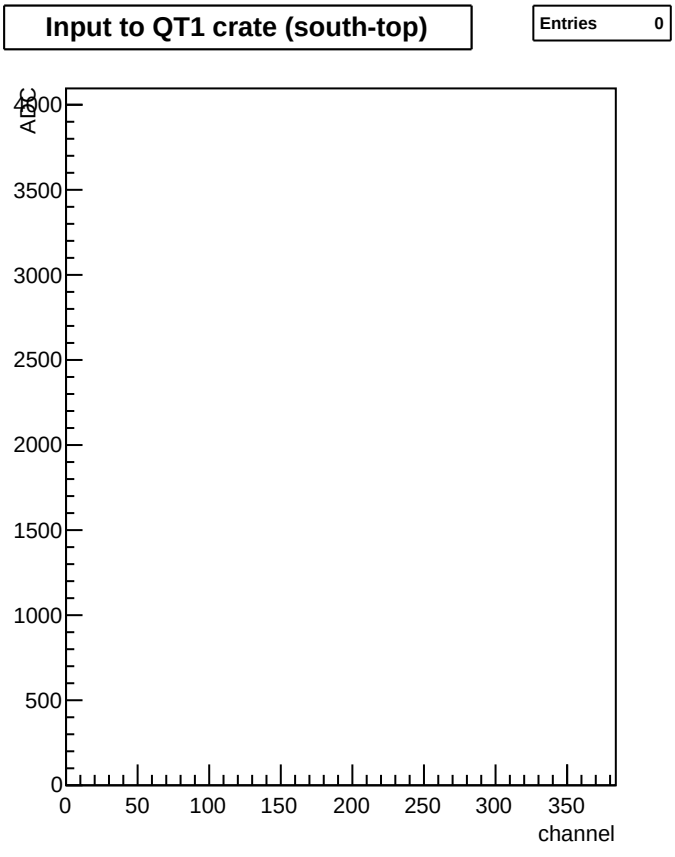

Entries 310582
VPD-West ADC Sum
ZDC-West ADC Sum Att

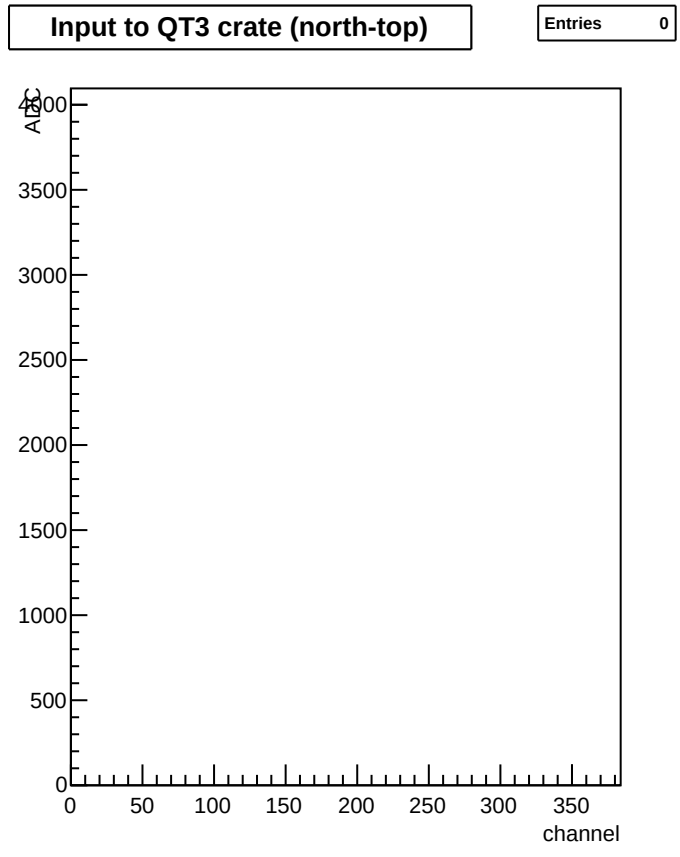

Entries 310582
BBC-S-East ADC Sum
BBC-S-West ADC Sum

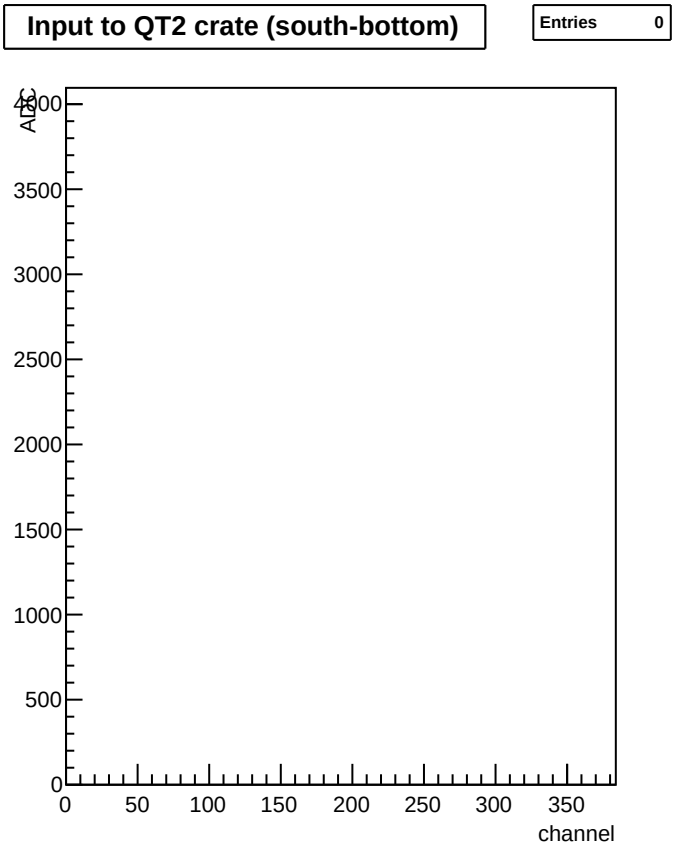

Entries 310582
ZDC East ADC Sum Att
ZDC West ADC Sum Att

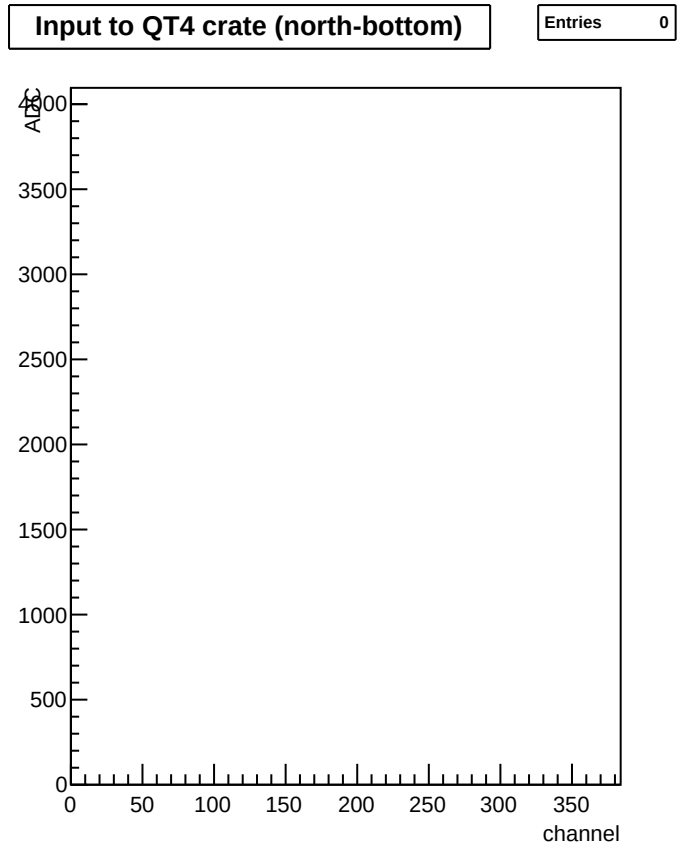

Entries 310582
VPD East ADC Sum
VPD West ADC Sum

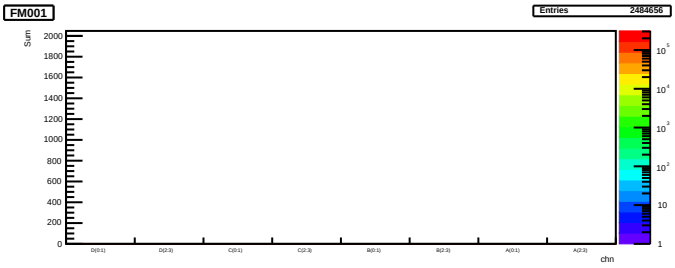

Entries 310582
BBC-S TAC Diff
ZDC TAC Diff

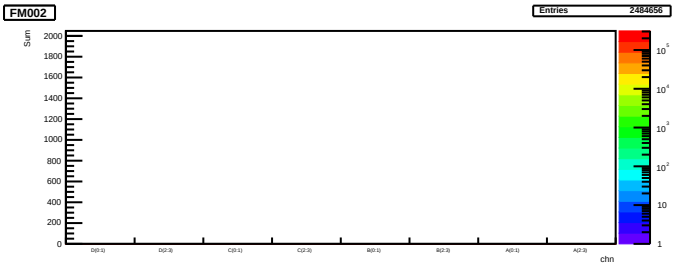

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

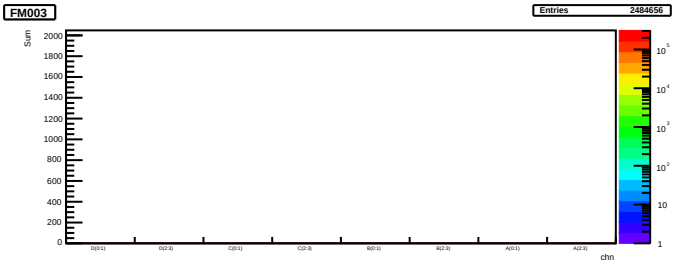

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

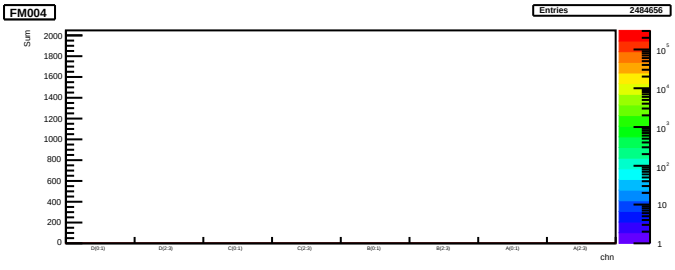

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

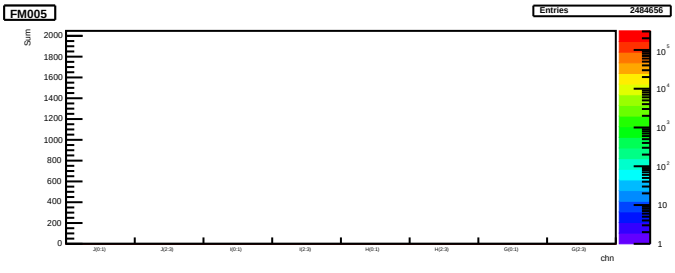

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

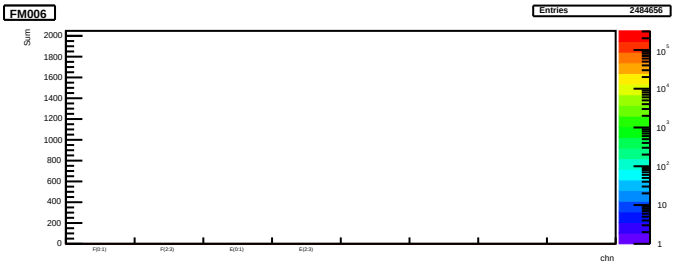

FM001
Entries 2484656
Sum
chn

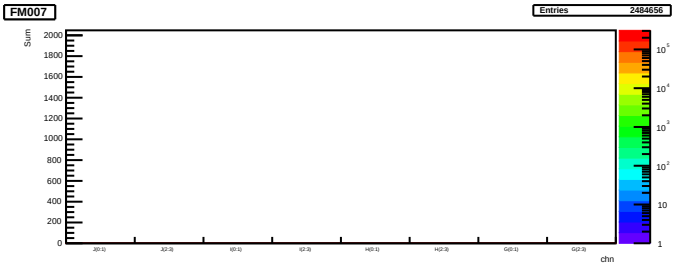

FM002
Entries 2484656
Sum
chn

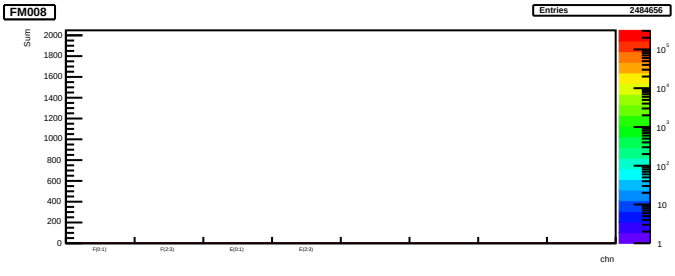

FM003
Entries 2484656
Sum
chn

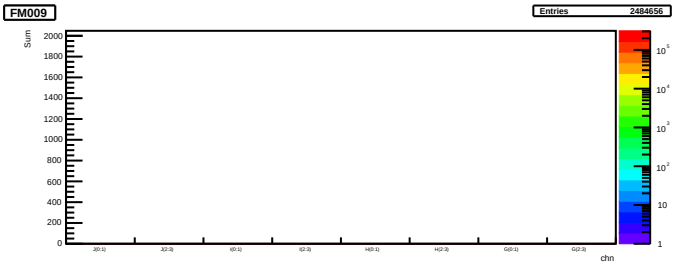

FM004
Entries 2484656
Sum
chn

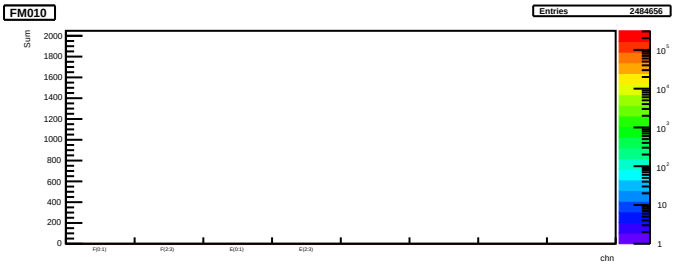

FM005
Entries 2484656
Sum
chn

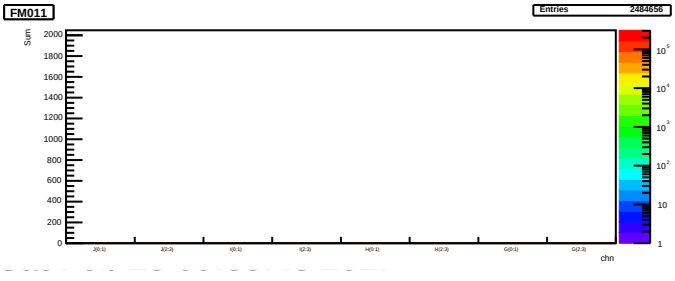

FM006
Entries 2484656
Sum
chn

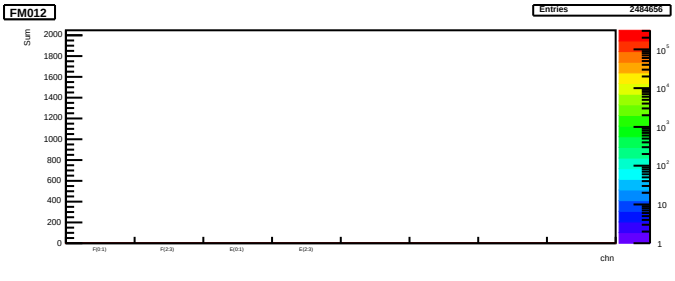

FM007
Entries 2484656
Sum
chn


FM008
Entries 2484656
Sum
chn


FM009
Entries 2484656
Sum
chn


FM010
Entries 2484656
Sum
chn


FM011
Entries 2484656
Sum
chn


FM012
Entries 2484656
Sum
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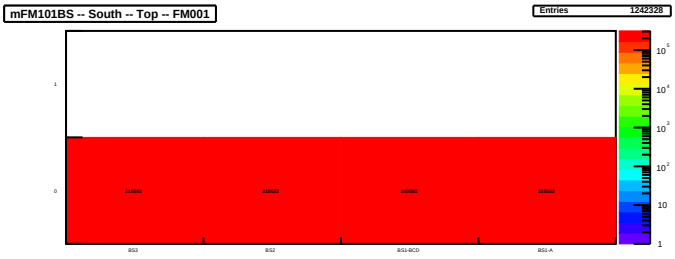
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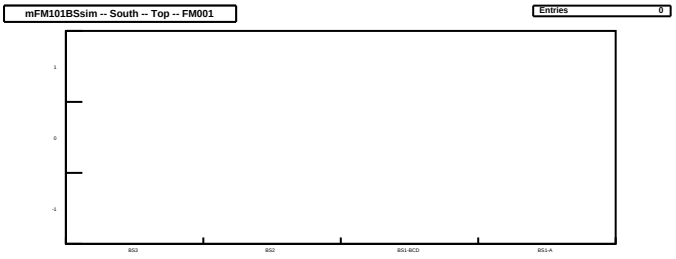
BS3
BS2
BS1-BCD
BS1-A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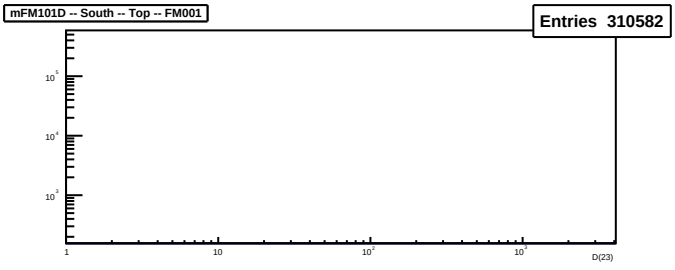
Entries 0
BS3
BS2
BS1-BCD
BS1-A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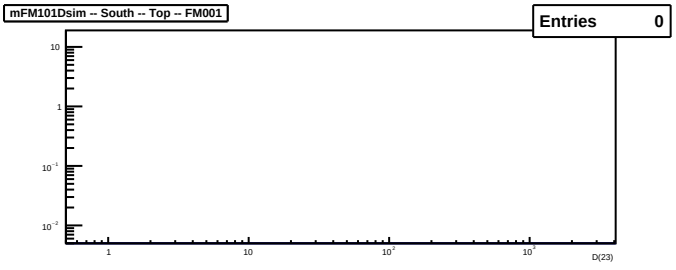
Entries 310582
D(23)


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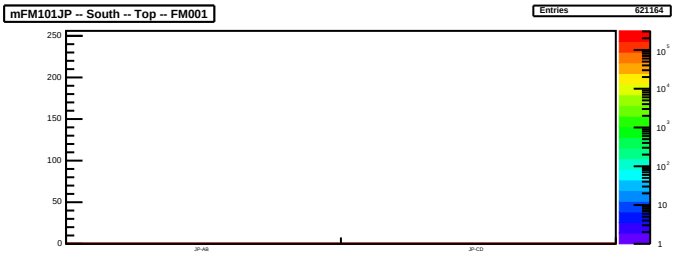
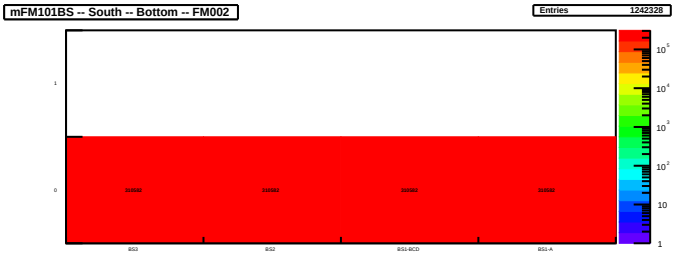
D(23)


mFM101JP -- South -- Top -- FM001
Entries 621164
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 1242328
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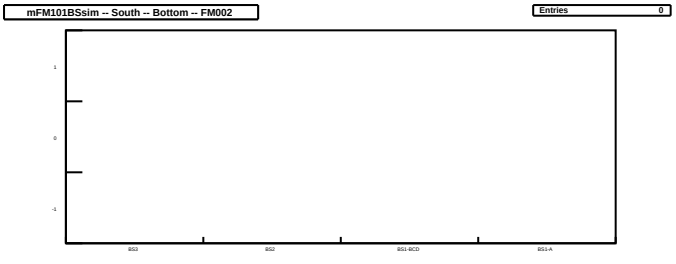
310582
BS3
BS2
BS1-BCD
BS1-A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Entries 0
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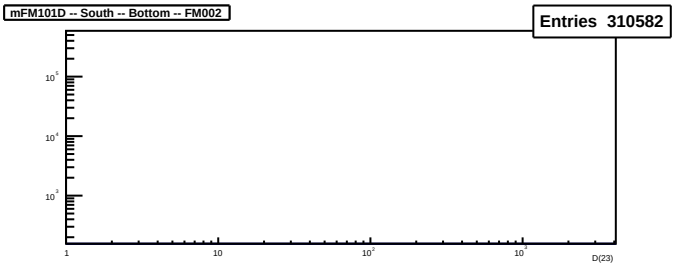
BS2
BS1-BCD
BS1-A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Entries 310582
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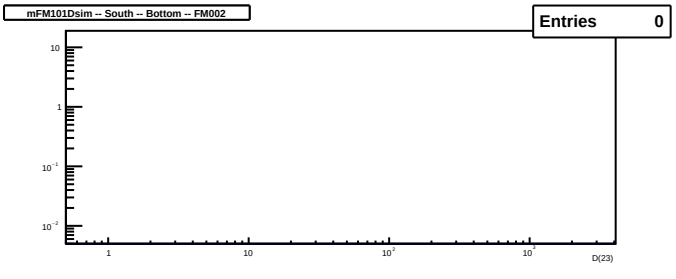
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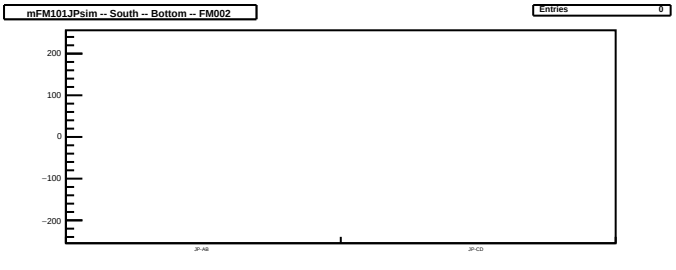
Entries 0
D(23)

mFM101JP -- South -- Bottom -- FM002
Entries 621164
JP-AB
JP-CD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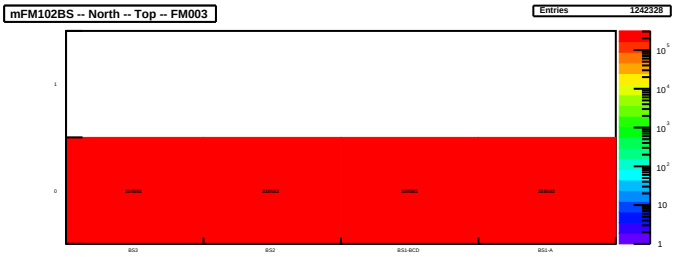
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 1242328
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310582
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310582
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
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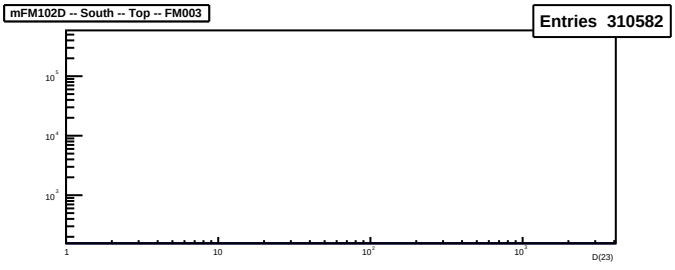
BS2
BS1-BCD
BS1-A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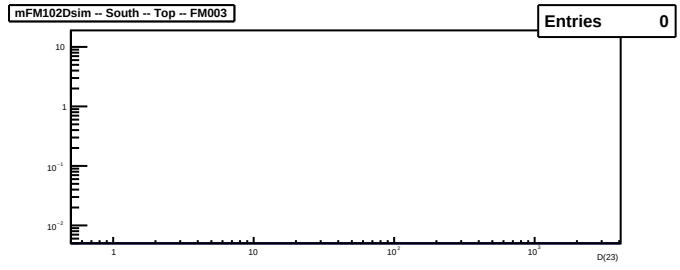
Entries 310582
D(23)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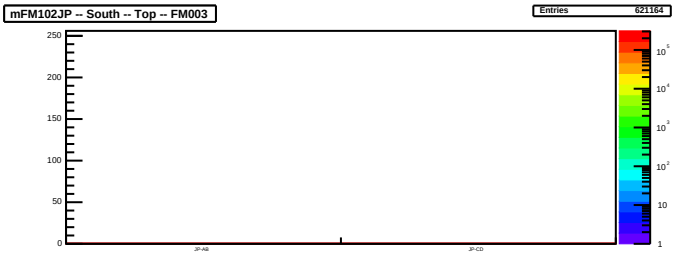
Entries 0
D(23)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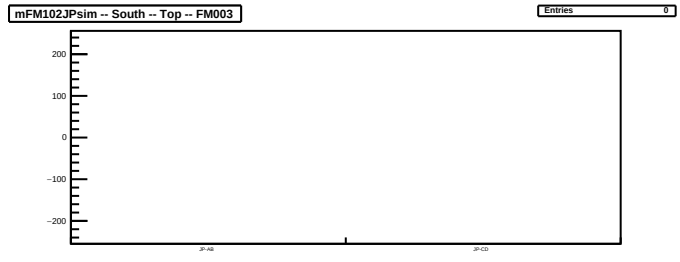
Entries 621164
JP-AB
JP-CD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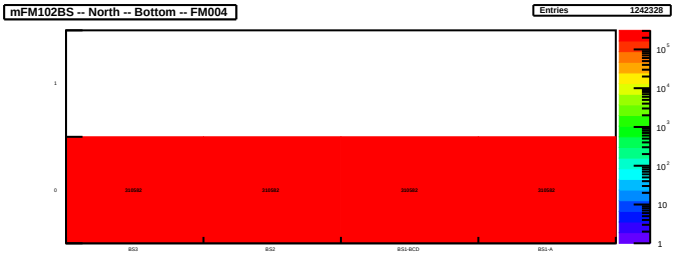
Entries 0
JP-AB
JP-CD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Entries 1242328
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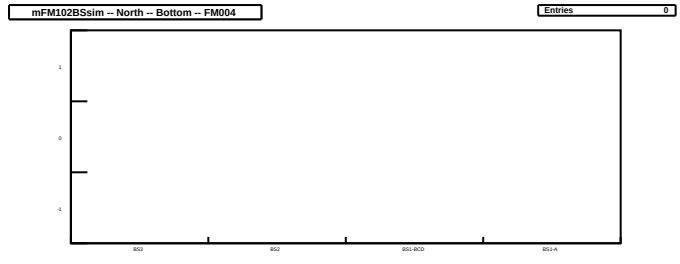
310582
BS3
BS2
BS1-BCD
BS1-A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Entries 0
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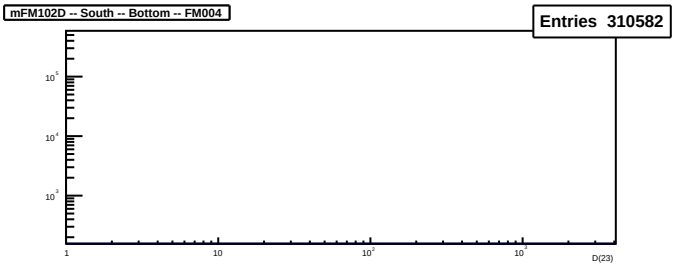
BS2
BS1-BCD
BS1-A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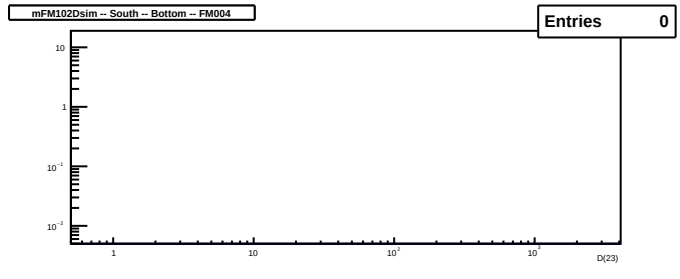
Entries 310582
D(23)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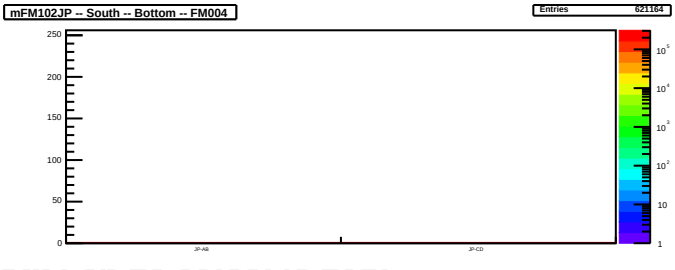
Entries 0
D(23)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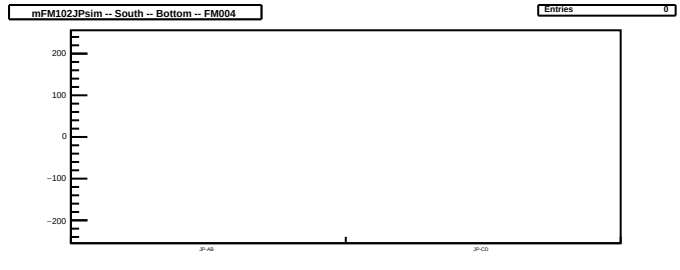
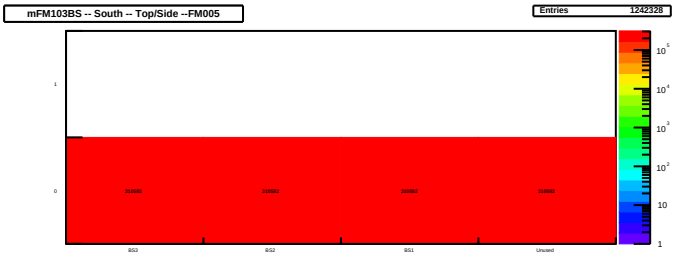
Entries 621164
JP-AB
JP-CD


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


mFM103BS -- South -- Top/Side --FM005
Entries 1242328
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BS2
BS1
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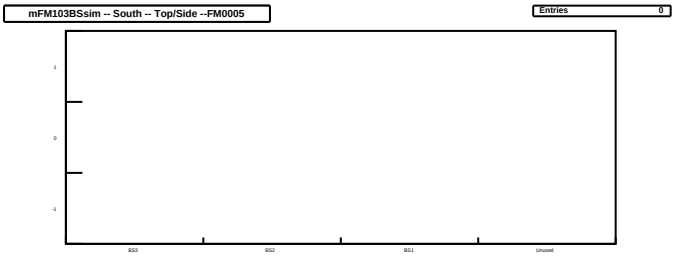
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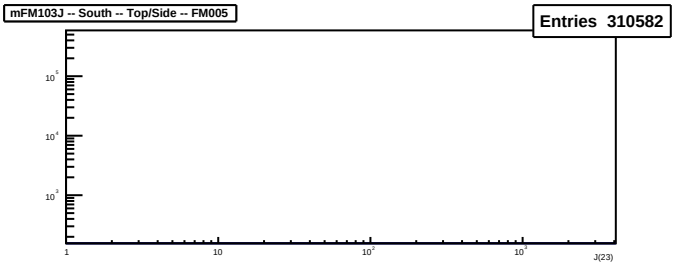
Entries 0
BS3
BS2
BS1
Unused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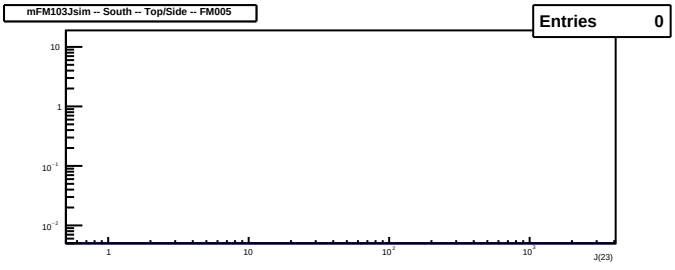
Entries 310582
J(23)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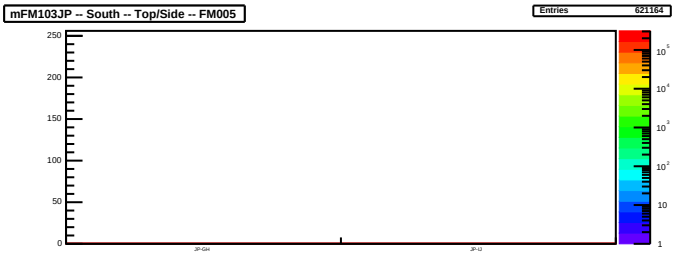
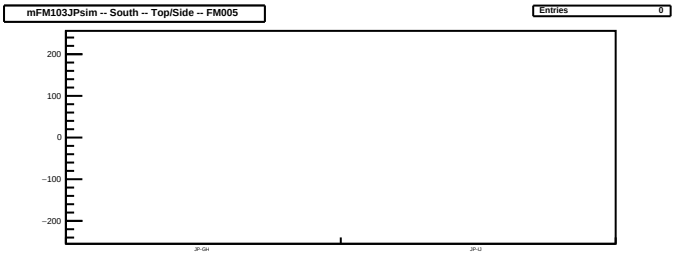
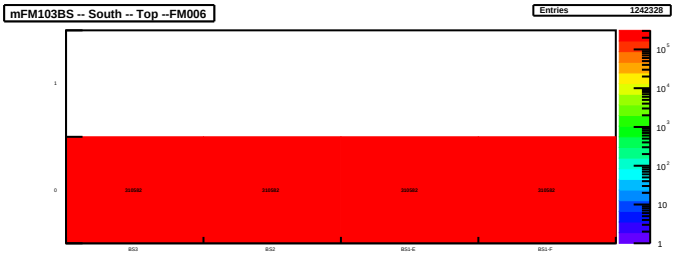
Entries 0
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 621164
JP-GH
JP-IJ


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


mFM103BS -- South -- Top --FM006
Entries 1242328
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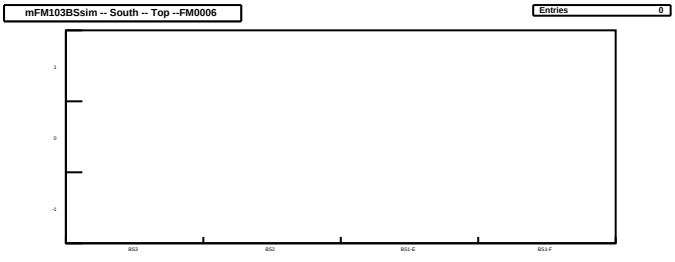
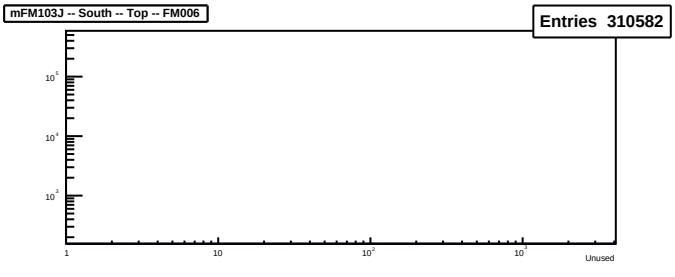
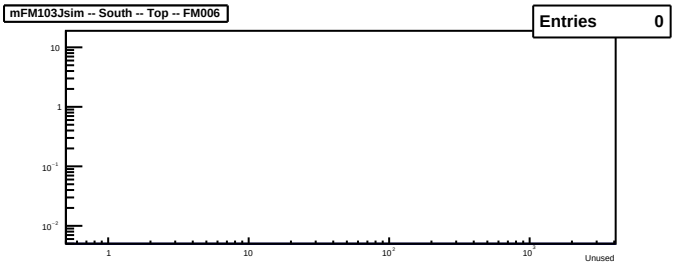
BS3
BS2
BS1-E
BS1-F


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


mFM103J -- South -- Top -- FM006
Entries 310582
Unused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Entries 0
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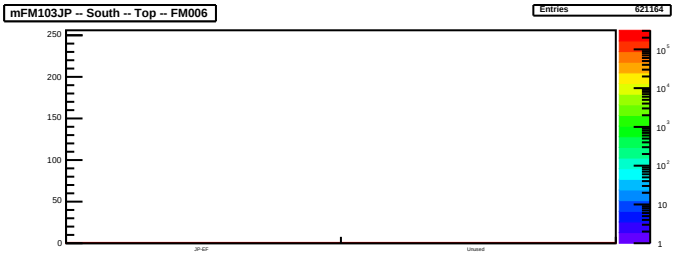
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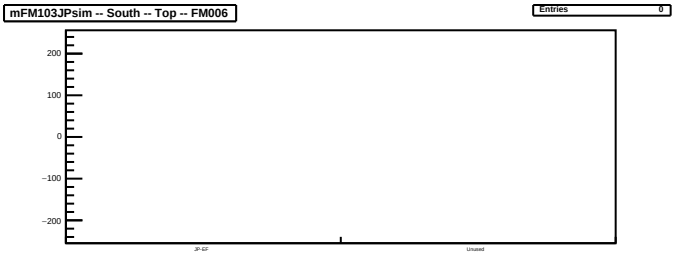
Entries 621164
JP-EF
Unused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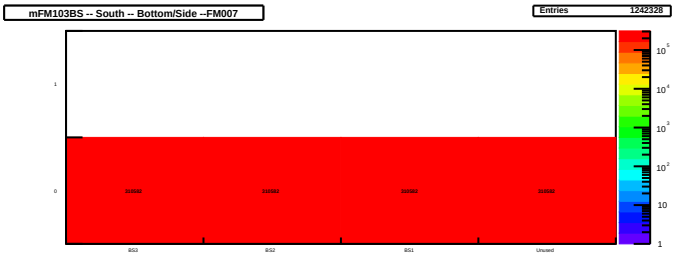
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 1242328
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310582
310582
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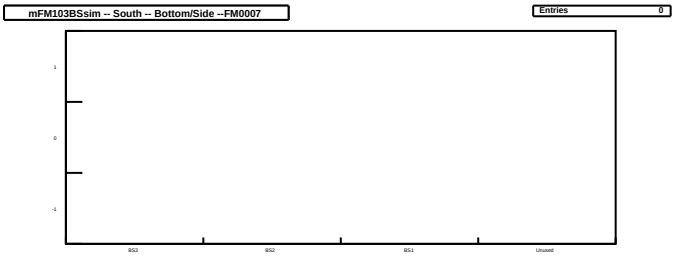
BS3
BS2
BS1
Unused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Entries 0
BS3
BS2
BS1
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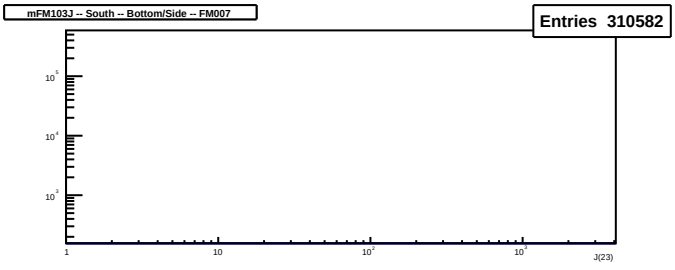
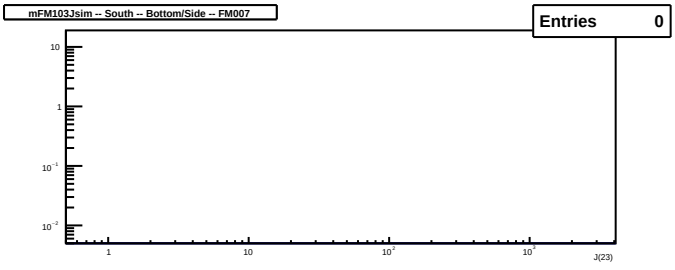

mFM103J -- South -- Bottom/Side -- FM007
Entries 310582
J(23)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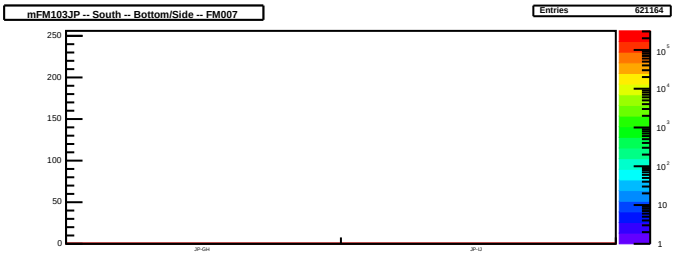
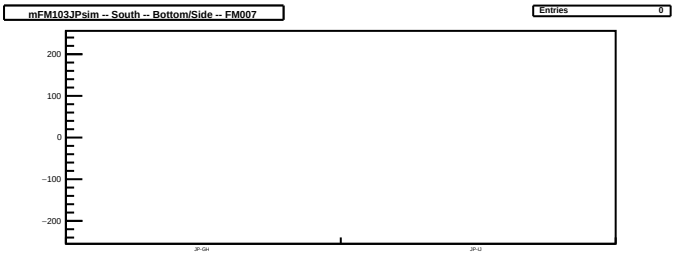
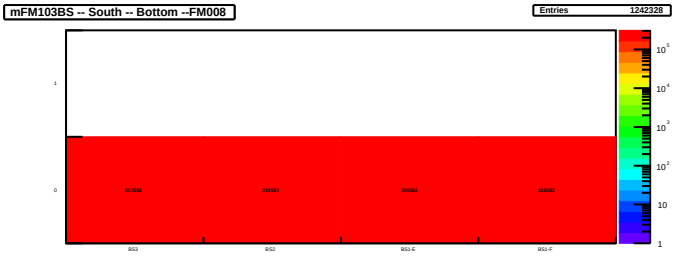
Entries 0
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 621164
JP-GH
JP-IJ


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


mFM103BS -- South -- Bottom --FM008
Entries 1242328
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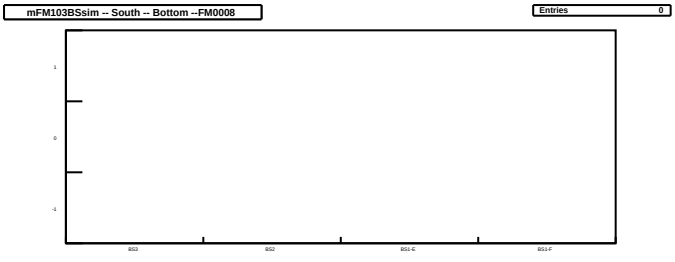
310582
310582
310582
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 0
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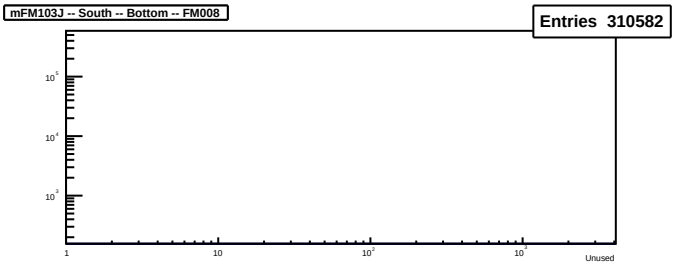
BS2
BS1-E
BS1-F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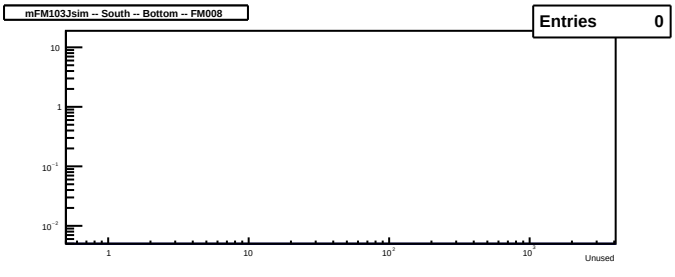
Entries 310582
Unused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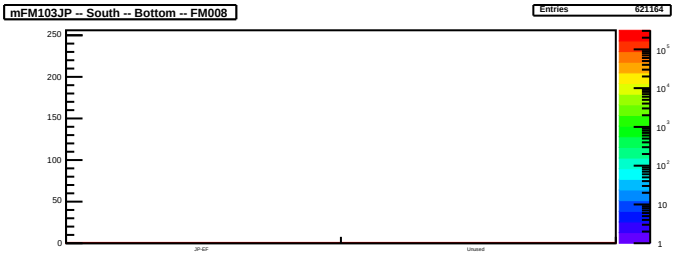
Entries 0
Unused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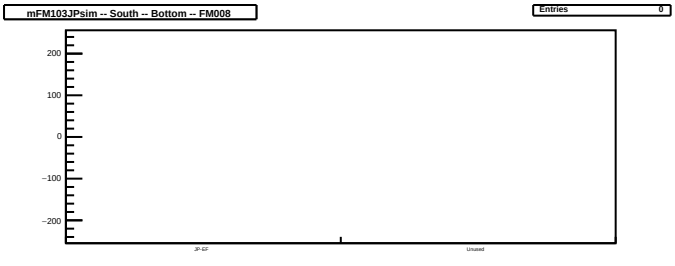
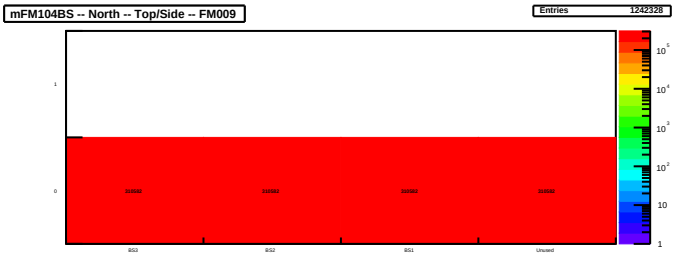
Entries 621164
JP-EF
Unused


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


mFM104BS -- North -- Top/Side -- FM009
Entries 1242328
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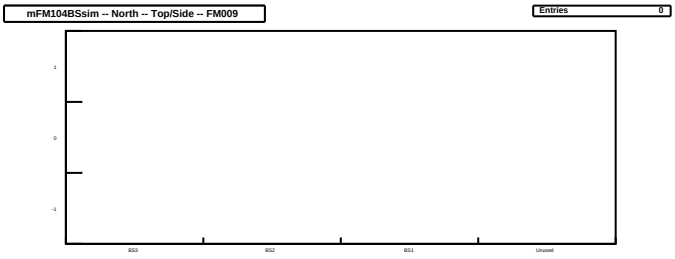
310582
310582
310582
BS3
BS2
BS1
Unused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Entries 0
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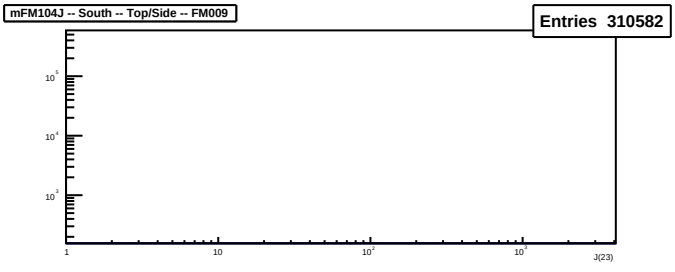
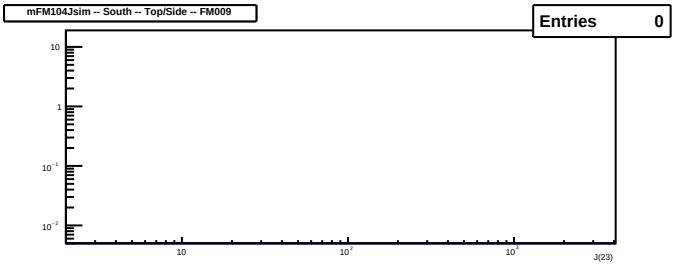
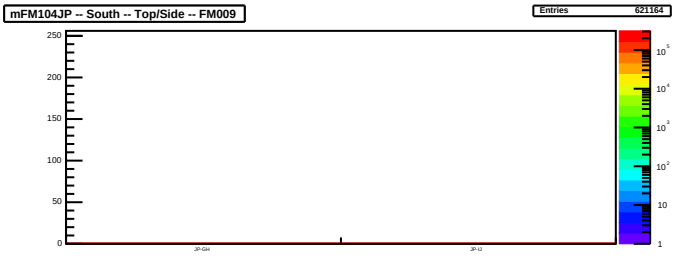
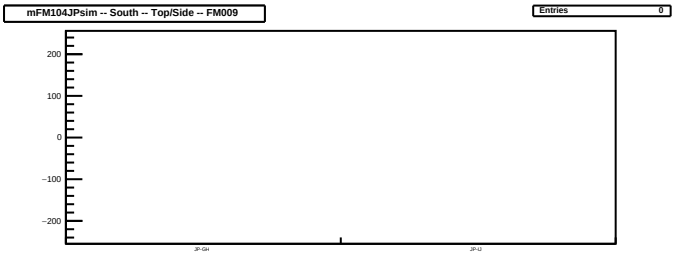
BS2
BS1
Unused


mFM104J -- South -- Top/Side -- FM009
Entries 310582
J(23)


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


mFM104JP -- South -- Top/Side -- FM009
Entries 621164
JP-GH
JP-IJ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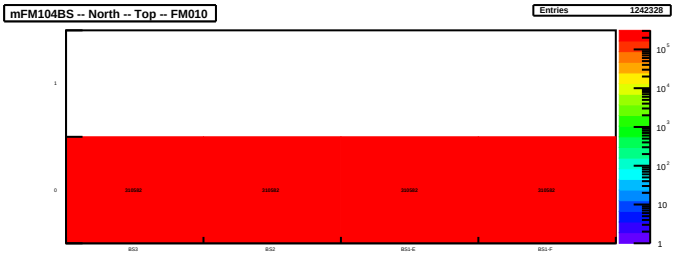
Entries 0
JP-GH
JP-IJ


mFM104BS -- North -- Top -- FM010
Entries 1242328
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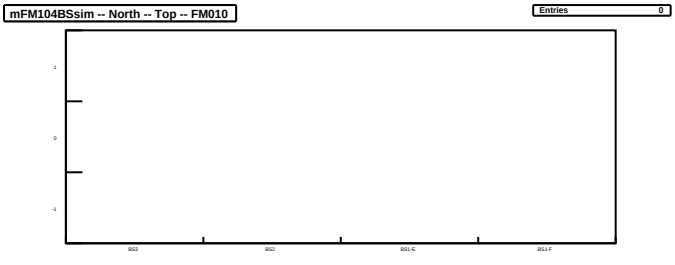
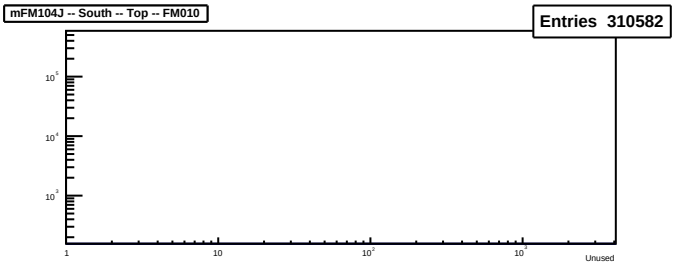
310582
310582
310582
BS3
BS2
BS1-E
BS1-F


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


mFM104J -- South -- Top -- FM010
Entries 310582
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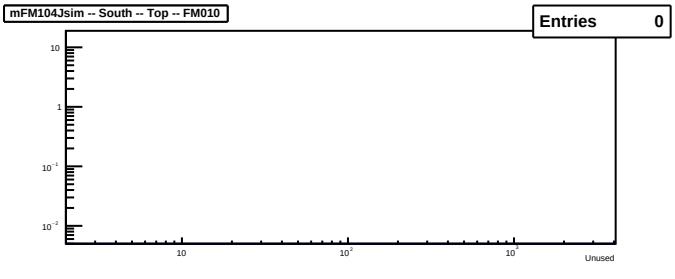
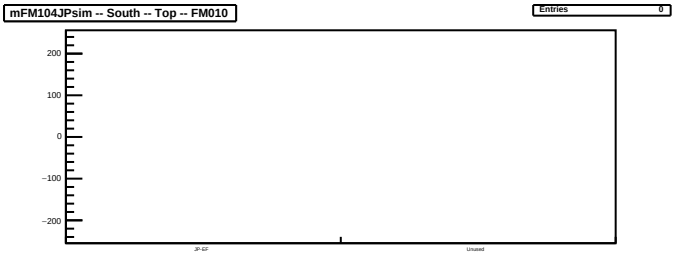
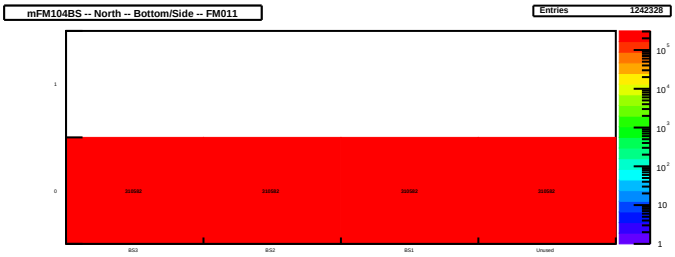

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

mFM104JP -- South -- Top -- FM010
Entries 621164
JP-EF
Unused


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


mFM104BS -- North -- Bottom/Side -- FM011
Entries 1242328
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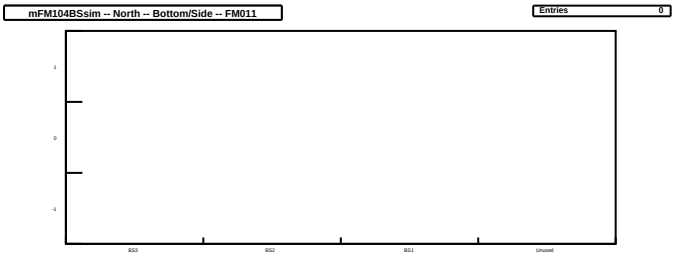
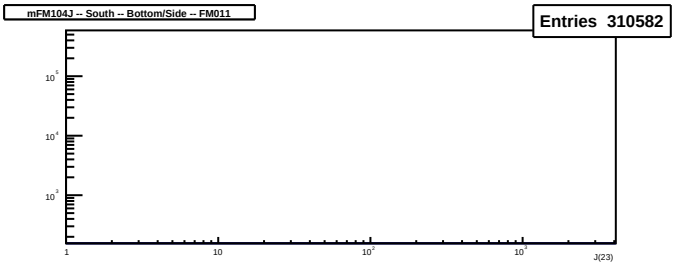
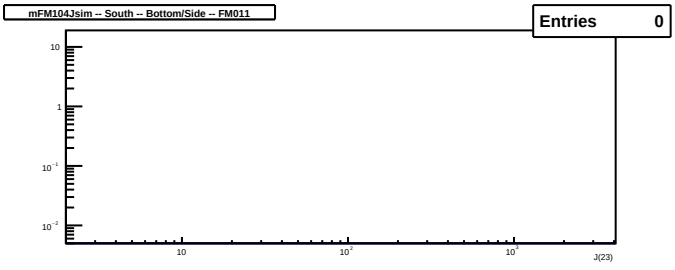
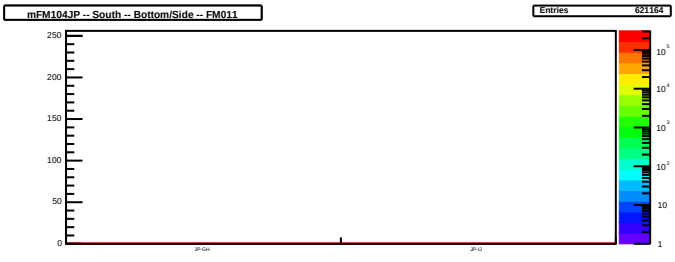
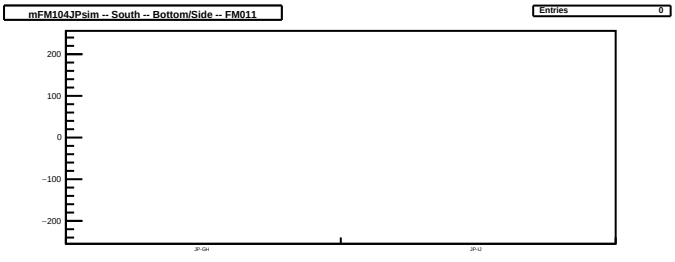
310582
310582
310582
BS3
BS2
BS1
Unused

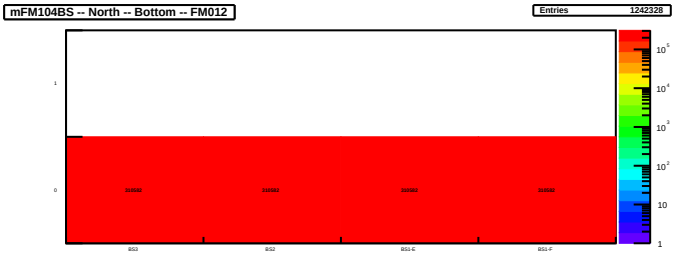

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

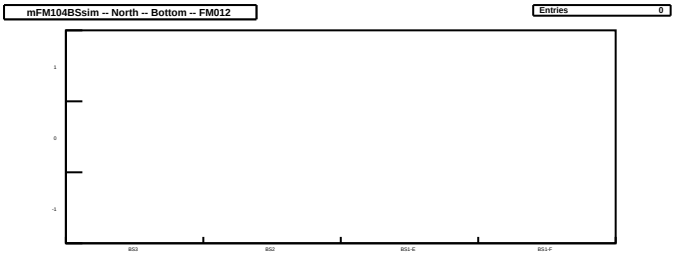

mFM104J -- South -- Bottom/Side -- FM011
Entries 310582
J(23)

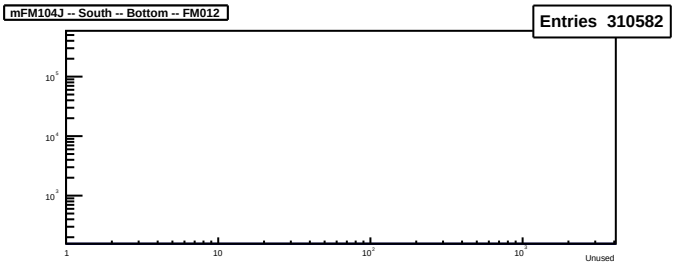

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 621164
JP-GH
JP-IJ


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


mFM104BS -- North -- Bottom -- FM012
Entries 1242328
310582
310582
310582
310582
BS3
BS2
BS1-E
BS1-F


mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F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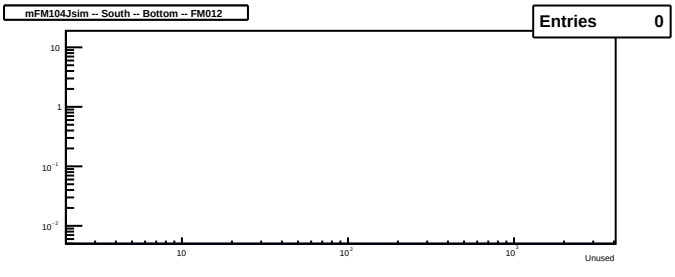
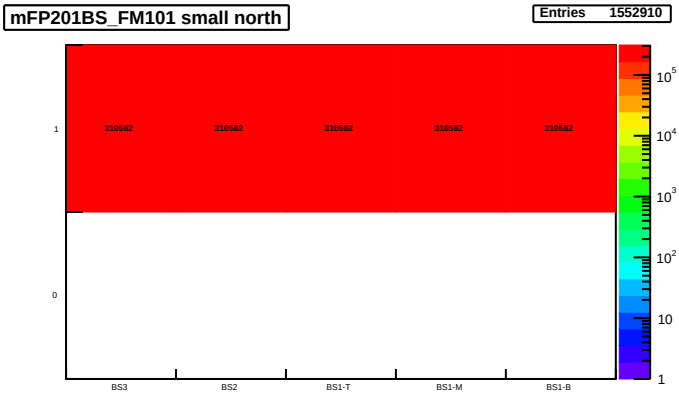
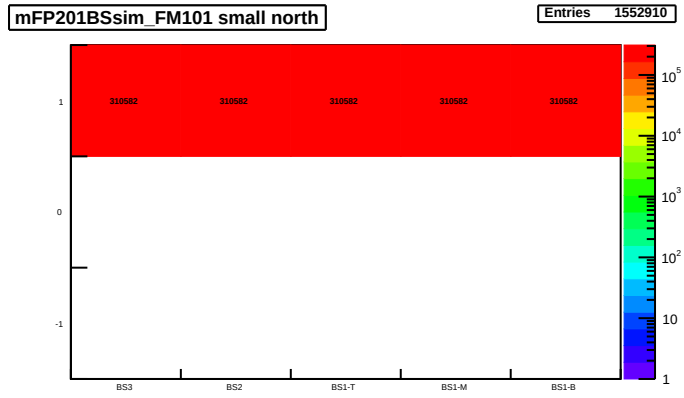
Entries 310582
Unused

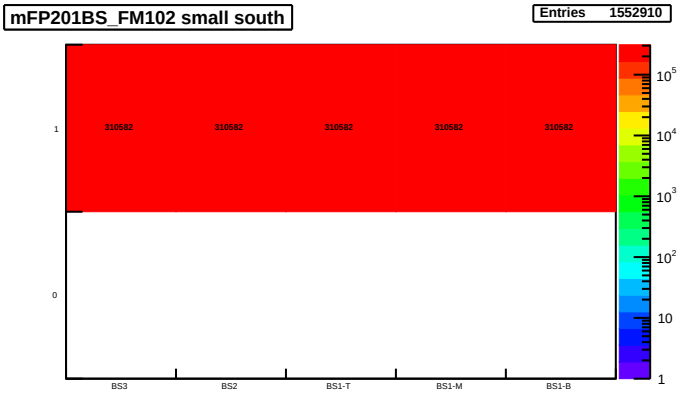

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

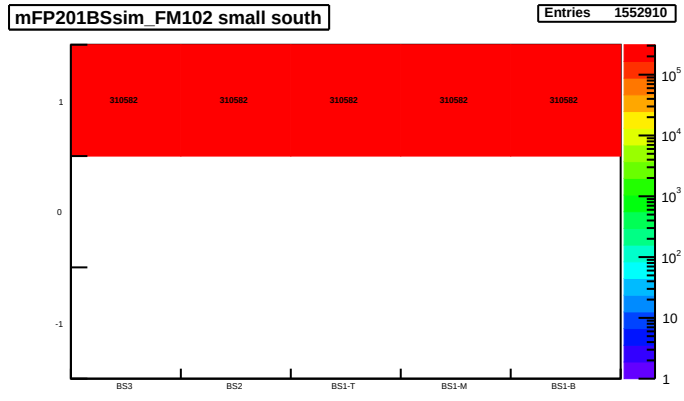
mFM104JP -- South -- Bottom -- FM012
Entries 621164
JP-EF
Unused

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


mFP201BS_FM101 small north
Entries 1552910
310582
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BSsim_FM101 small north
Entries 1552910
310582
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BS_FM102 small south
Entries 1552910
310582
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BSsim_FM102 small south
Entries 1552910
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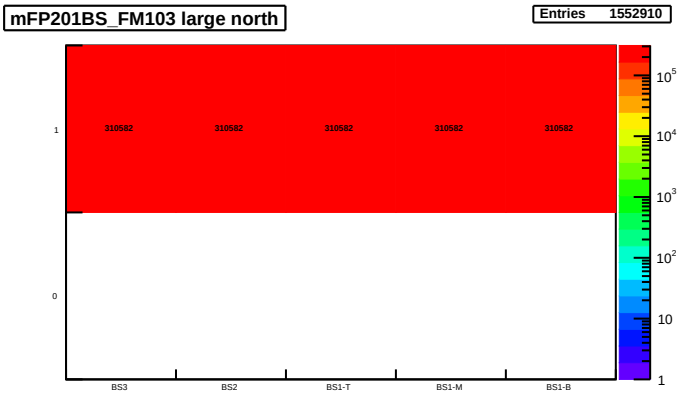
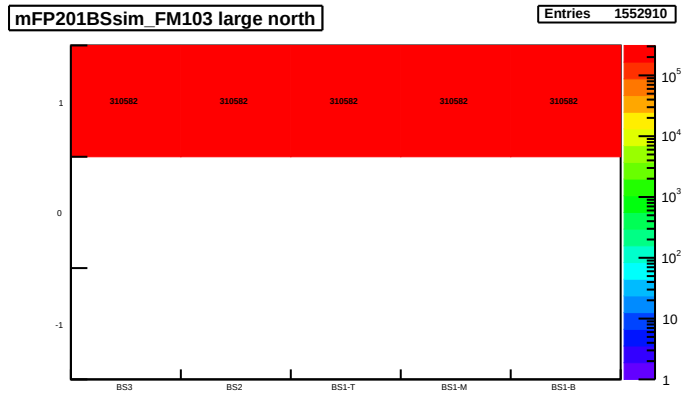
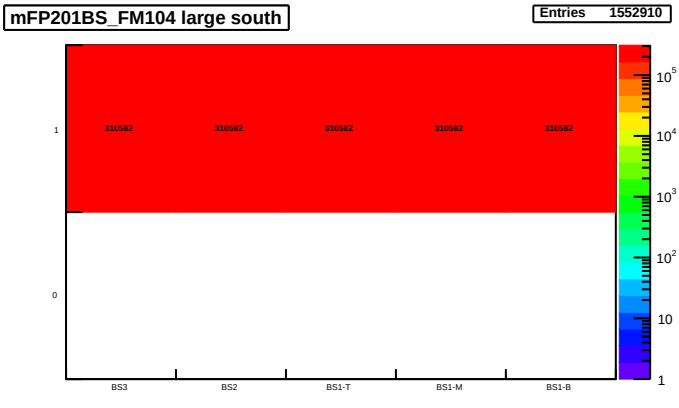
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BS_FM103 large north
Entries 1552910
310582
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BSsim_FM103 large north
Entries 1552910
310582
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BS_FM104 large south
Entries 1552910
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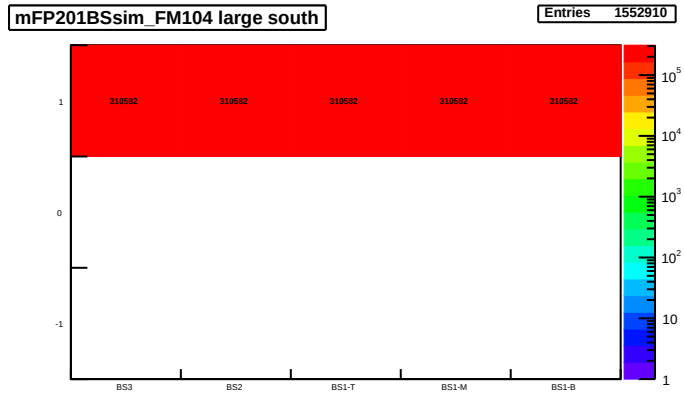
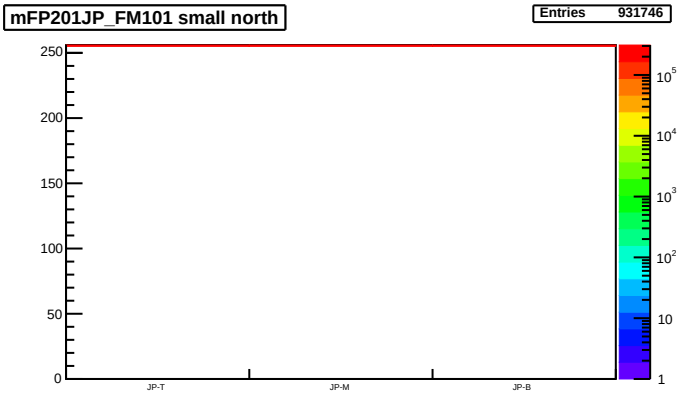
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BSsim_FM104 large south
Entries 1552910
310582
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201JP_FM101 small north
Entries 931746
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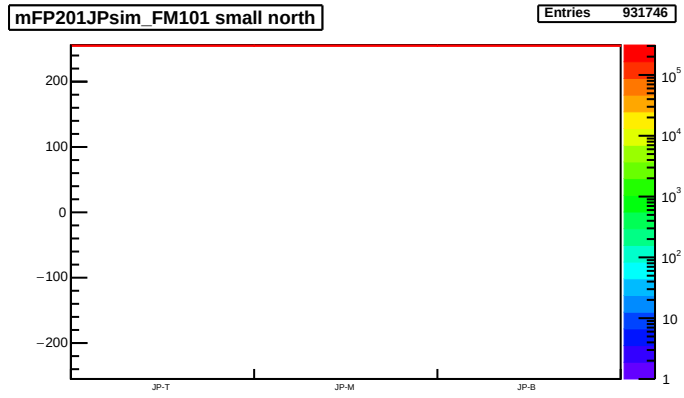
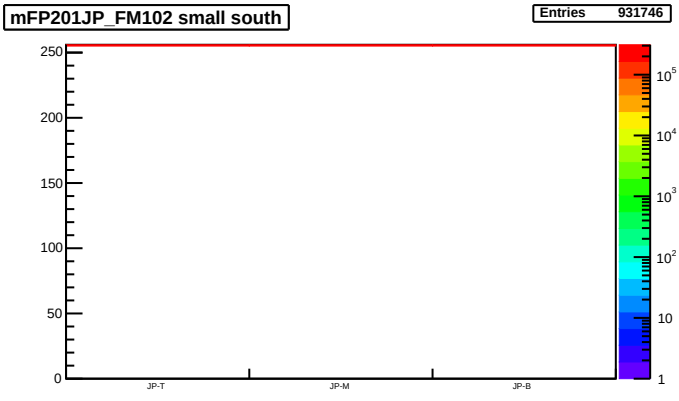
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1


mFP201JPsim_FM101 small north
Entries 931746
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1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Entries 931746
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100
50
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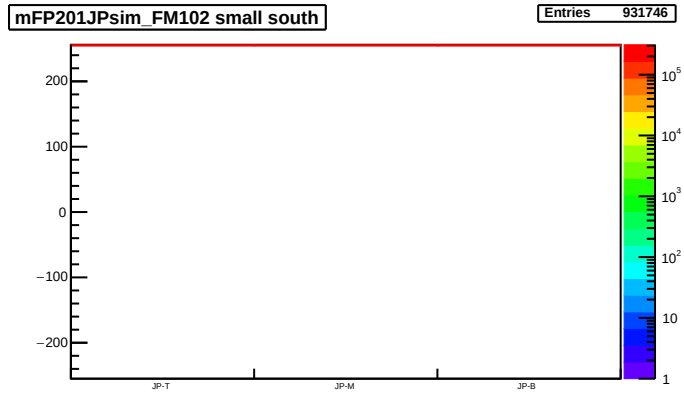
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1


mFP201JPsim_FM102 small south
Entries 931746
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−100
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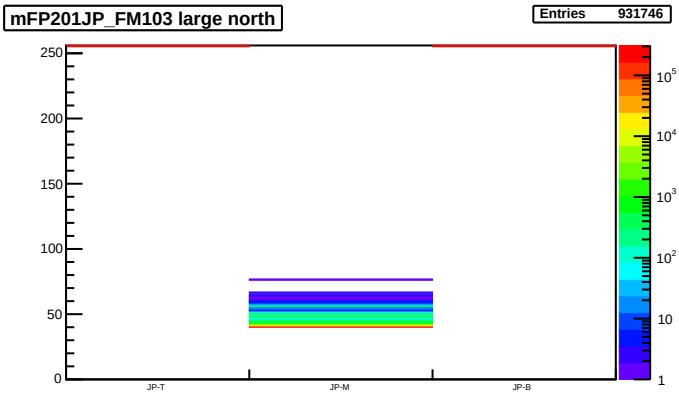
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1


mFP201JP_FM103 large north
Entries 931746
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100
50
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JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
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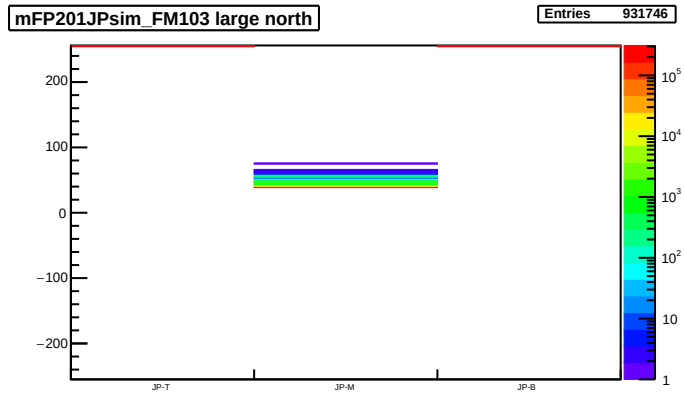
mFP201JPsim_FM103 large north
Entries 931746
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JP-T
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JP-B
10^5
10^4
10^3
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10
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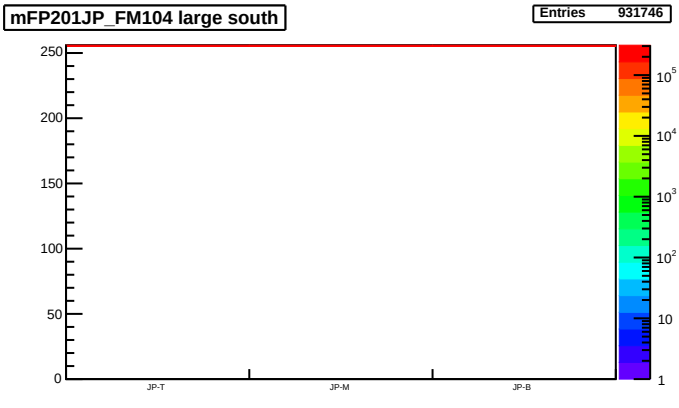
mFP201JP_FM104 large south
Entries 931746
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JP-M
JP-B
10^5
10^4
10^3
10^2
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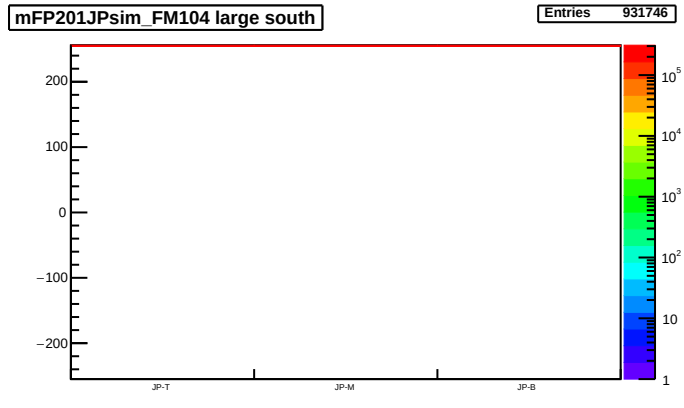
1


mFP201JPsim_FM104 large south
Entries 931746
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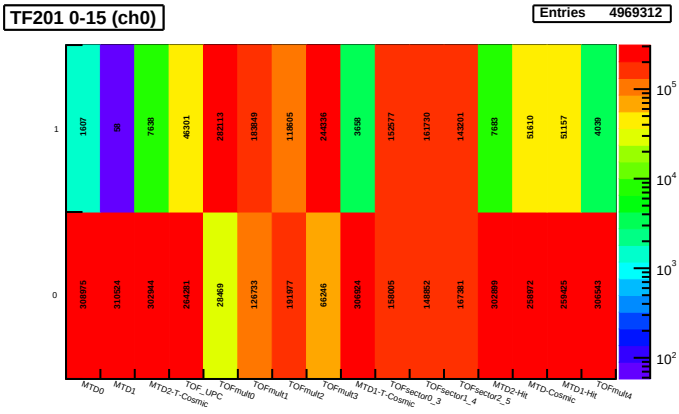
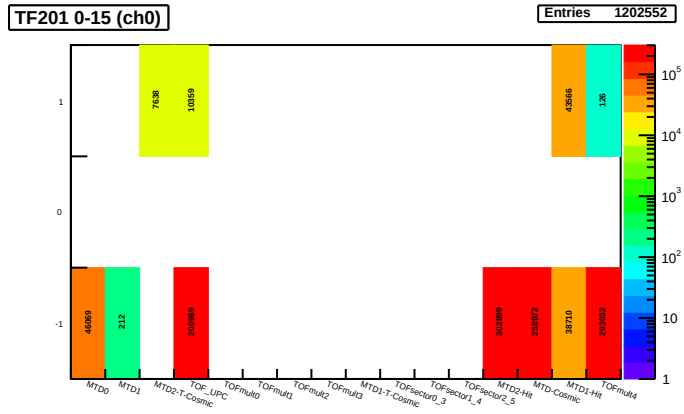
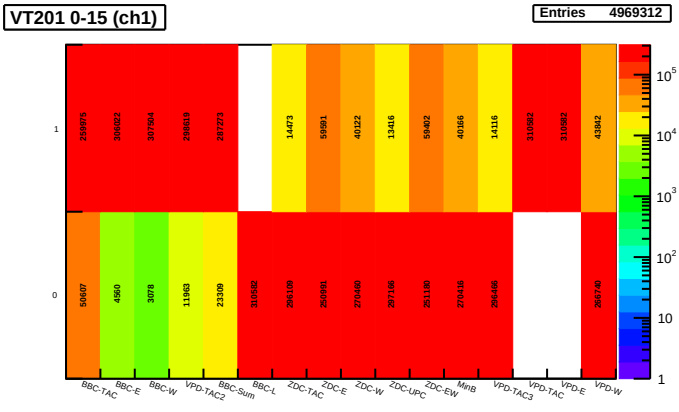
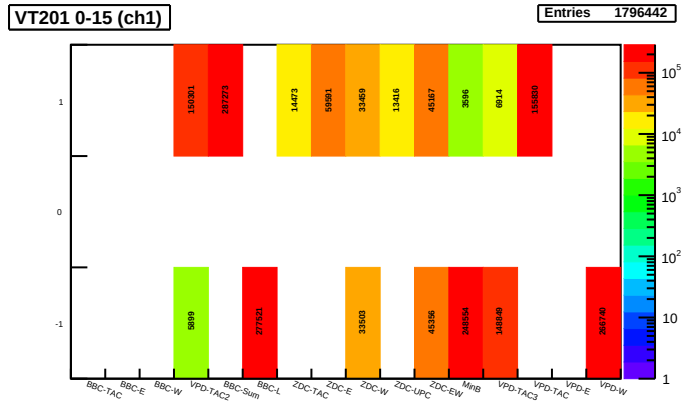
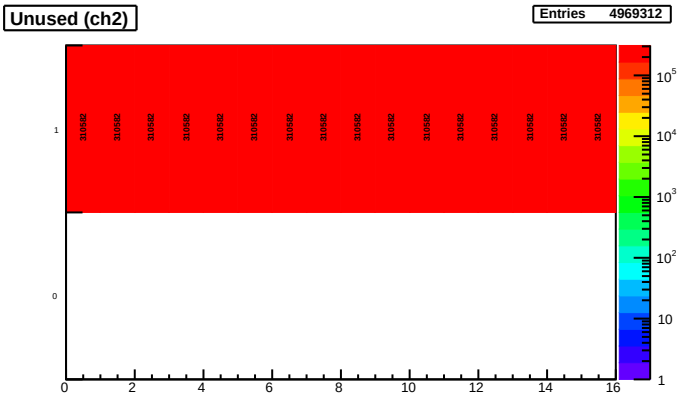
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 4969312
1607 93 7638 46301 282113 183949 118605 244238 3658 152577 161730 143201 7683 51610 51157 4039
308975 310524 302944 264281 28469 126733 191977 66246 306924 158005 148852 167381 302899 258972 259425 306543
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 1202552
7638 10359 43566 126
46069 212 200969 302899 258972 38710 293032
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 4969312
259975 306022 307904 298619 297273 14473 59991 40122 13416 59402 40166 14116 310582 310582 43942
50607 4960 3078 11963 23309 310582 296109 250991 270460 297166 251190 270416 296466 266740
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 1796442
150301 287273 14473 59991 33459 13416 45167 3596 6914 155830
9899 277521 33503 45356 248954 148849 266740
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 4969312
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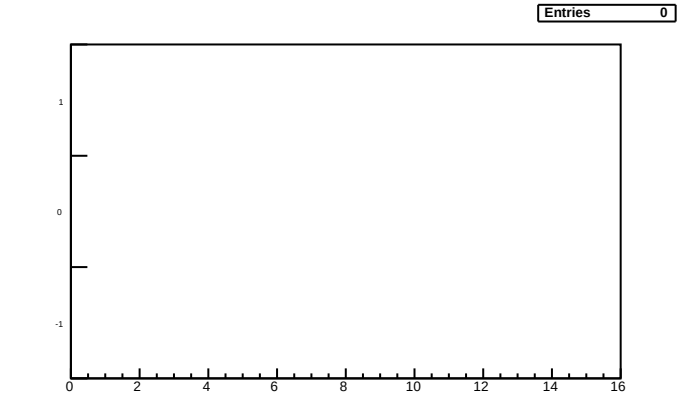
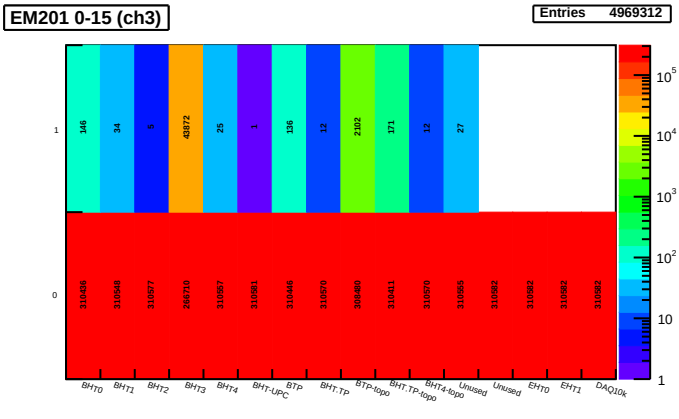
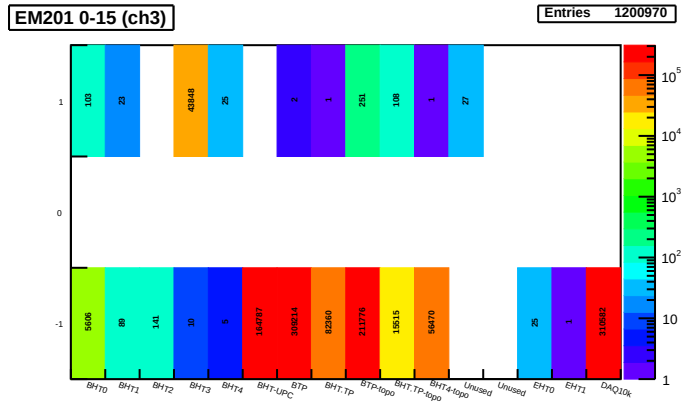
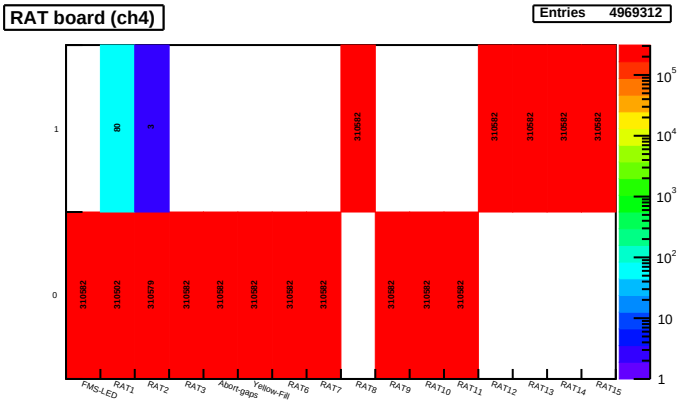
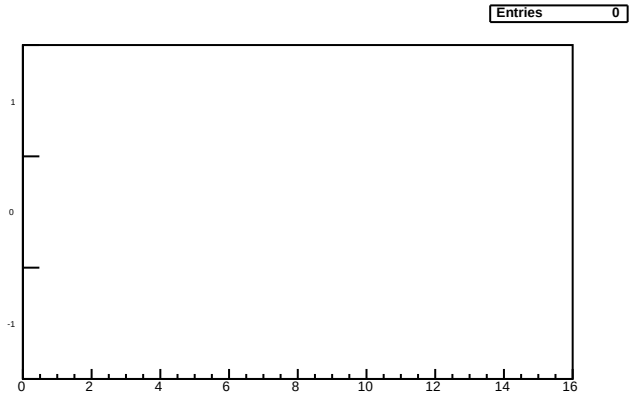
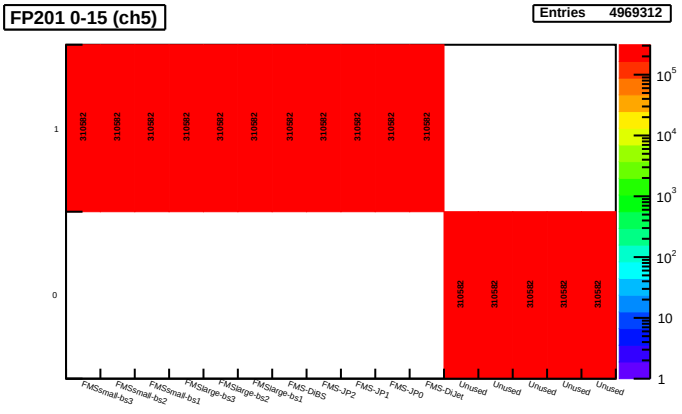

Entries 0

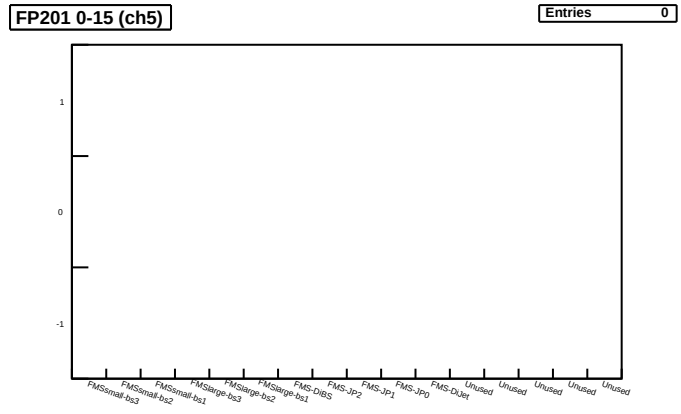

EM201 0-15 (ch3)
Entries 4969312
146 34 5 43872 25 1 136 12 2102 171 12 27
310436 310548 310577 266710 310557 310581 310446 310570 308480 310411 310570 310555 310582 310582 310582 310582
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

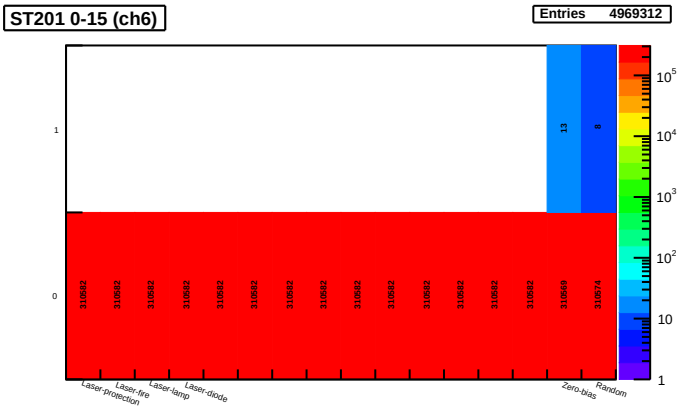

EM201 0-15 (ch3)
Entries 1200970
103 23 43848 25 2 1 251 108 1 27
5606 89 141 10 5 164787 309214 82260 211776 15515 56470 25 1 310582
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

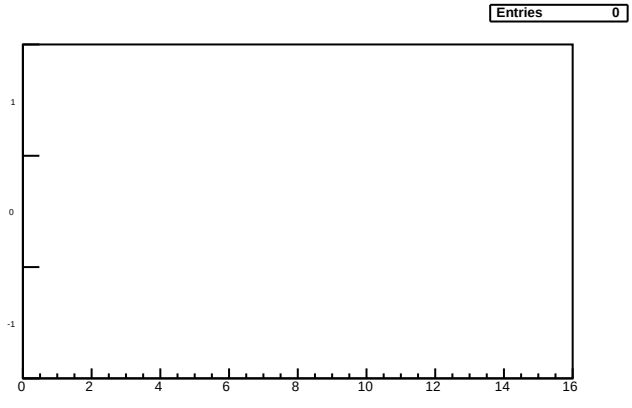

RAT board (ch4)
Entries 4969312
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

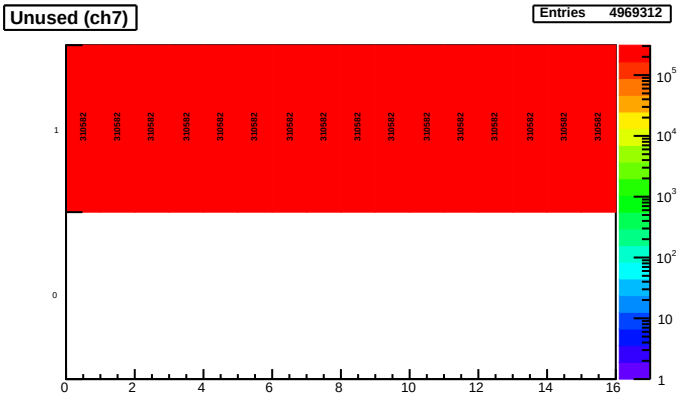

Entries 0

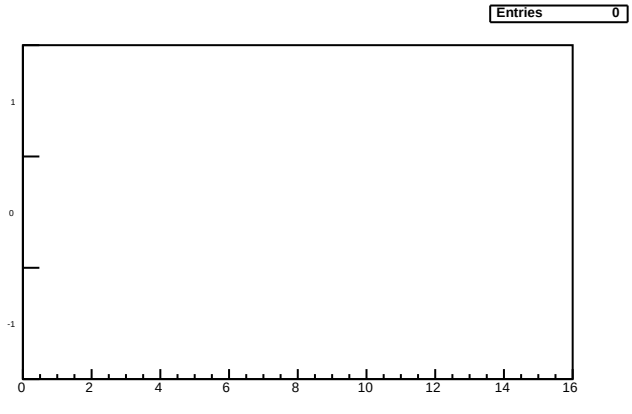

FP201 0-15 (ch5)
Entries 4969312
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


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 4969312
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 4969312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