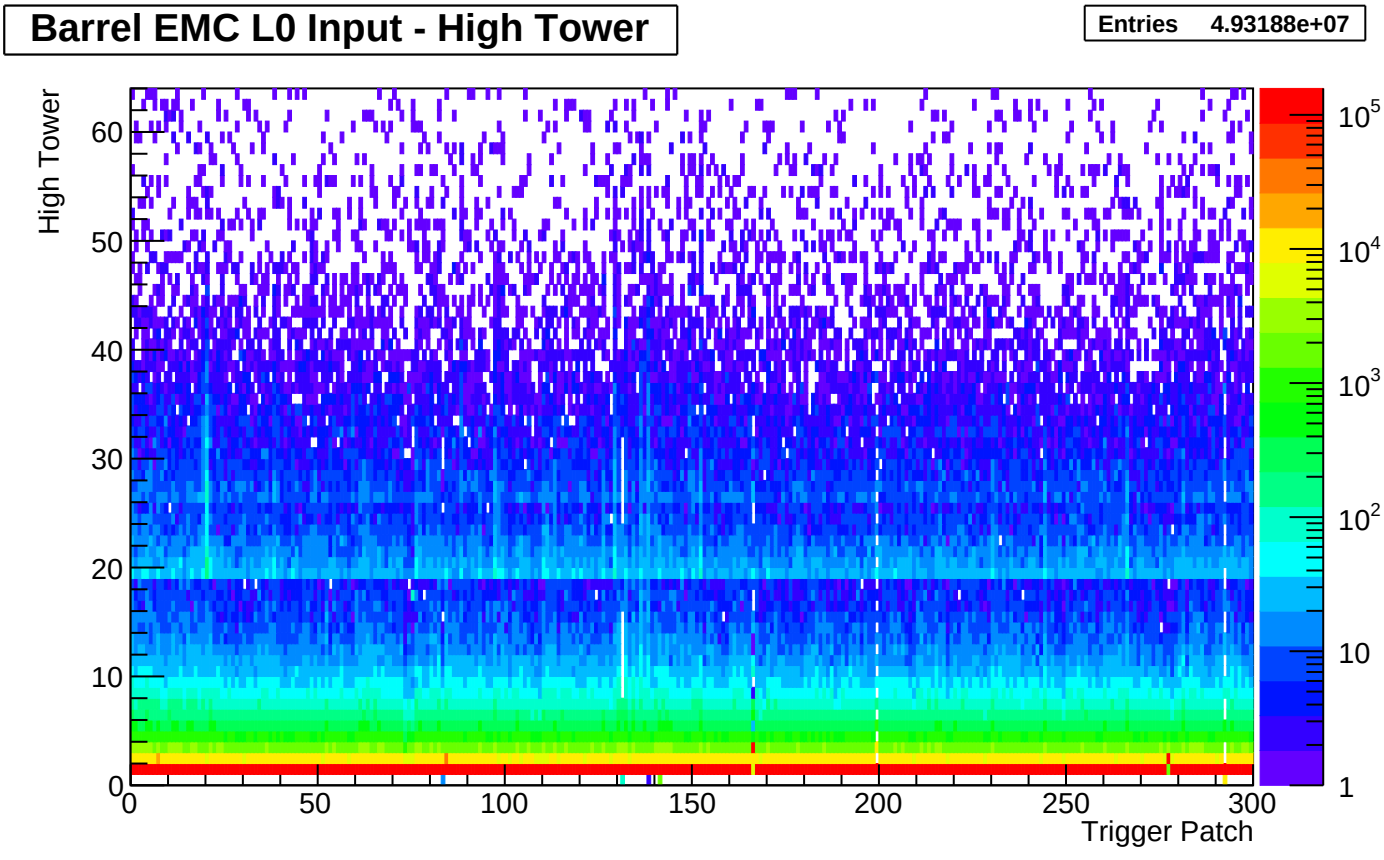
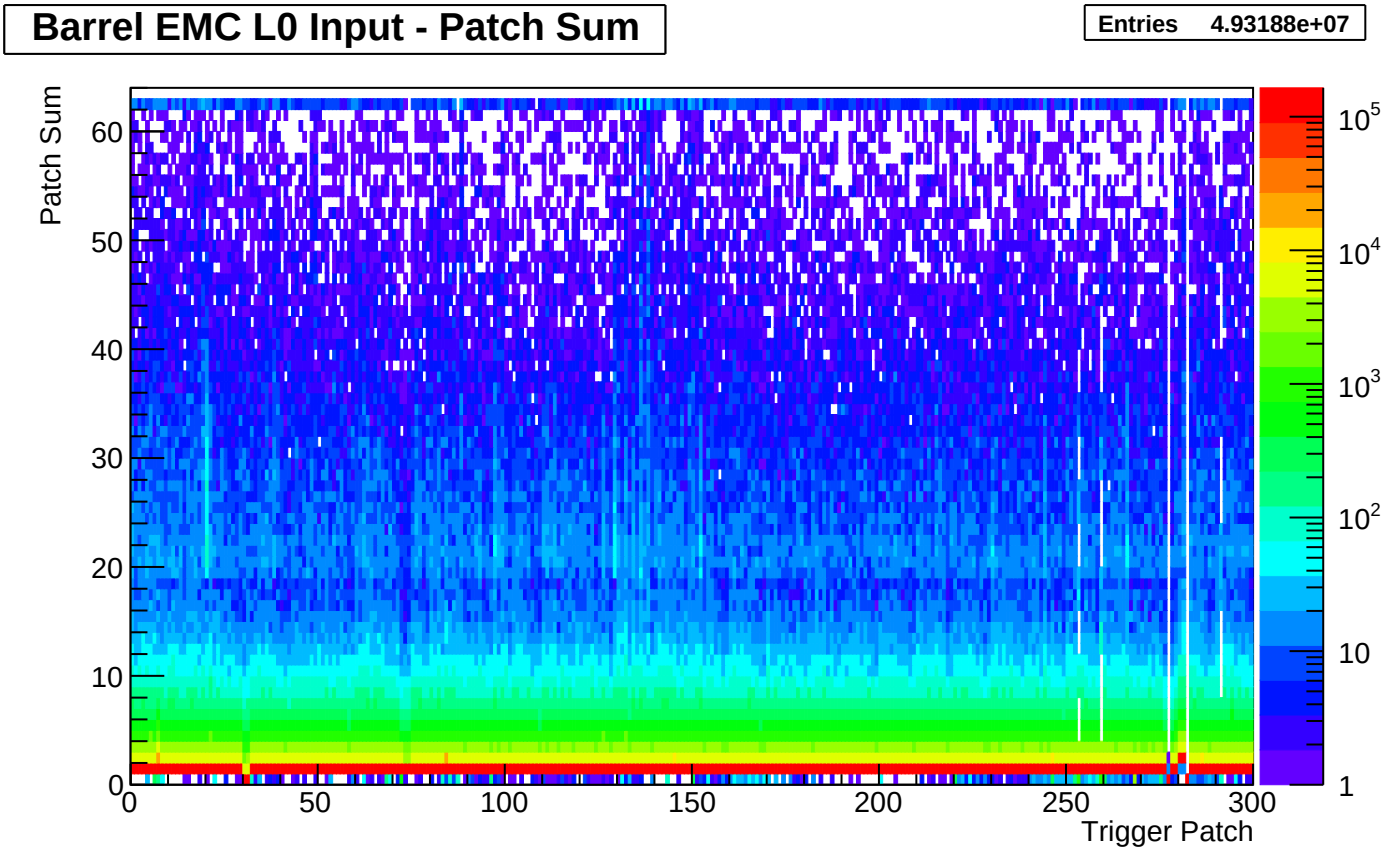
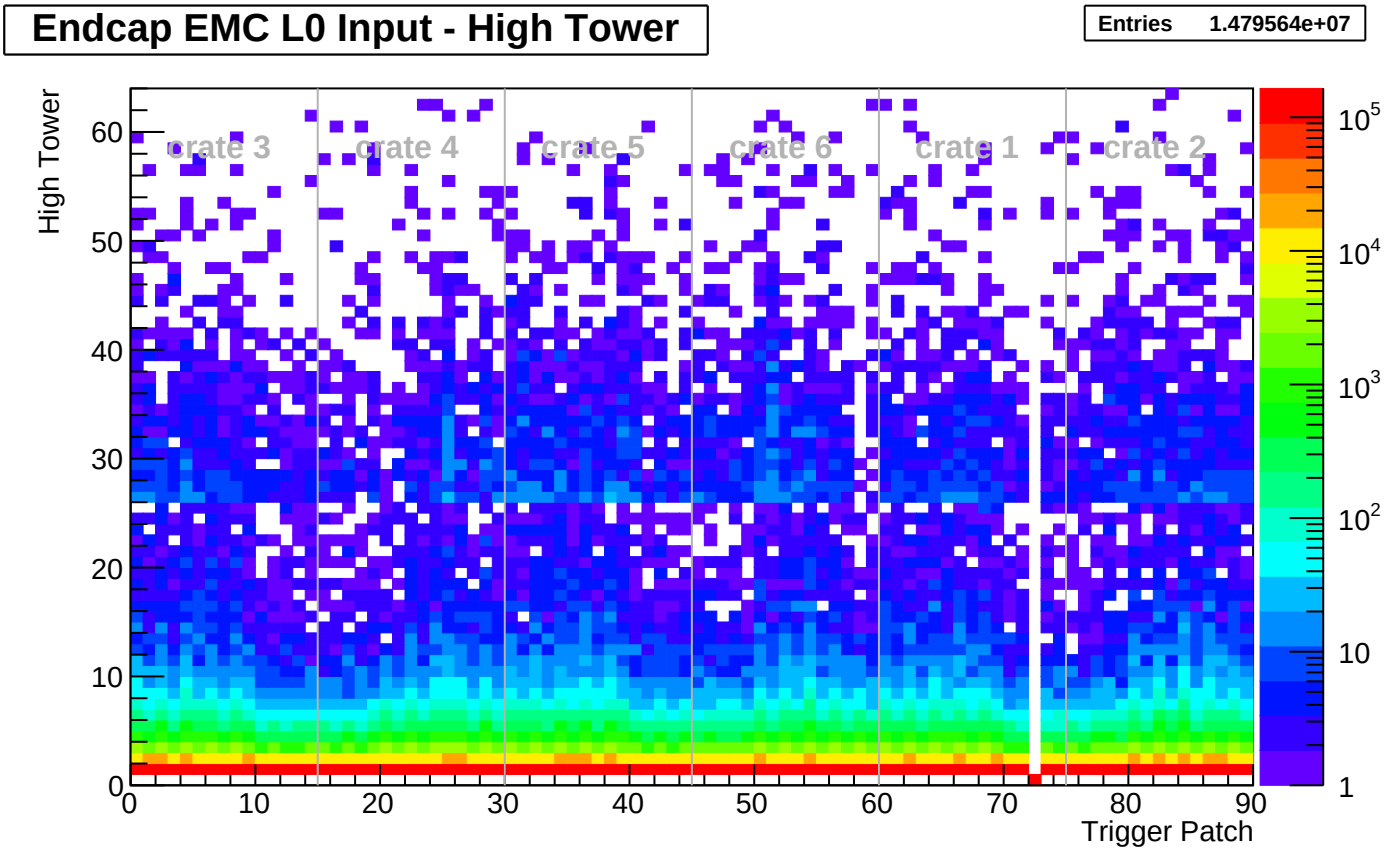
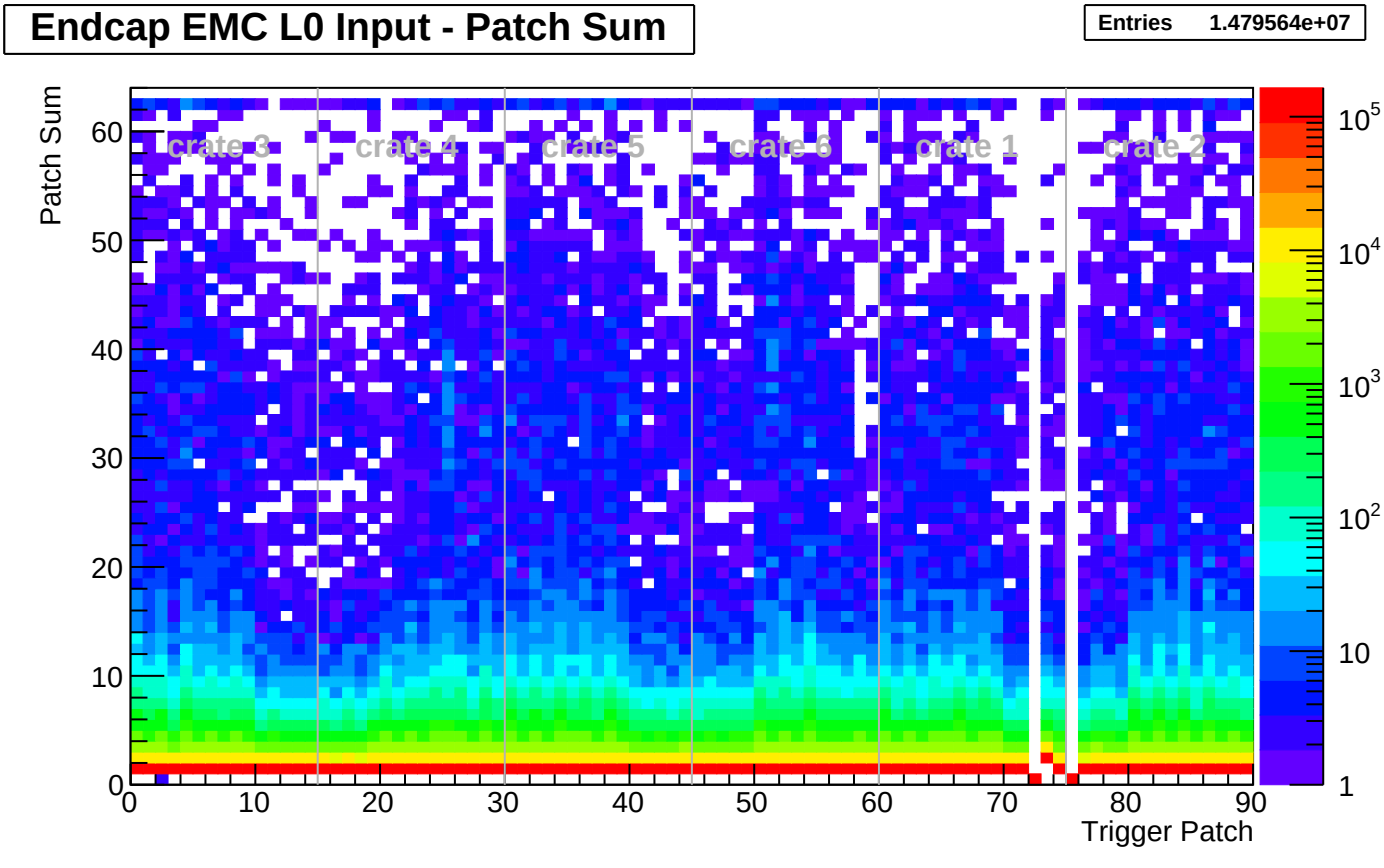
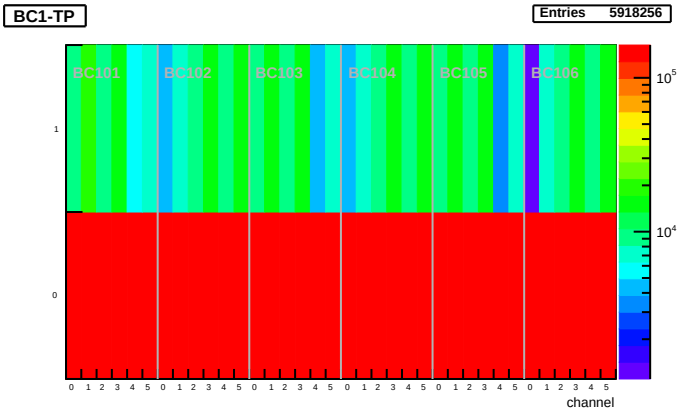
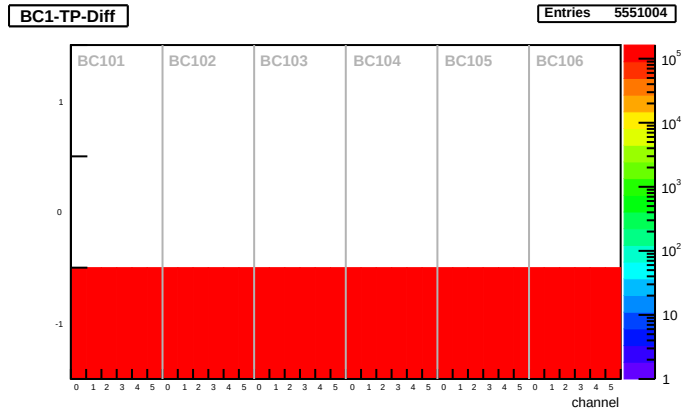

Barrel EMC L0 Input - High Tower
Entries 4.93188e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

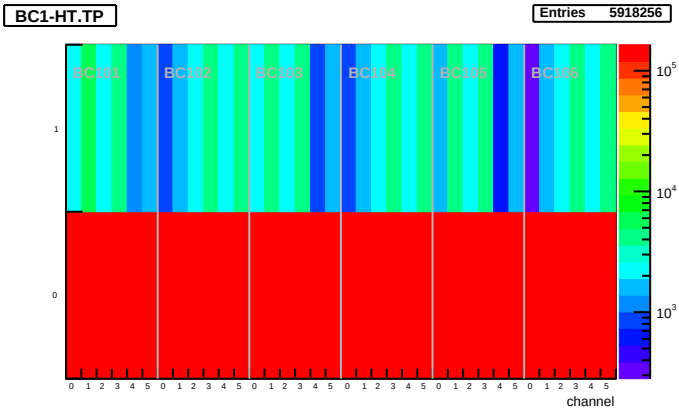

Barrel EMC L0 Input - Patch Sum
Entries 4.93188e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

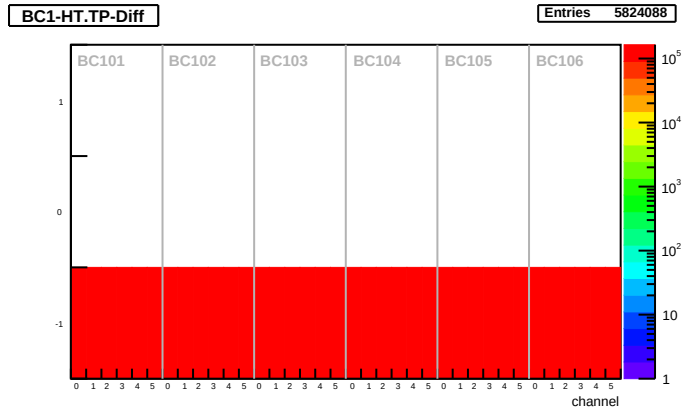

Endcap EMC L0 Input - High Tower
Entries 1.479564e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

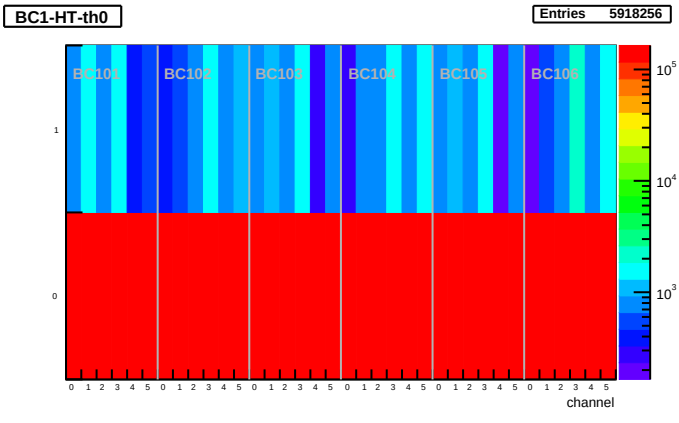

Endcap EMC L0 Input - Patch Sum
Entries 1.479564e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

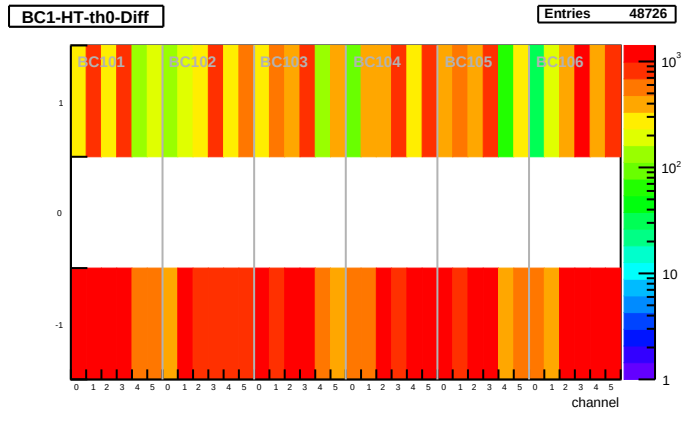

BC1-TP
Entries 5918256
BC101
BC102
BC103
BC104
BC105
BC106
channel

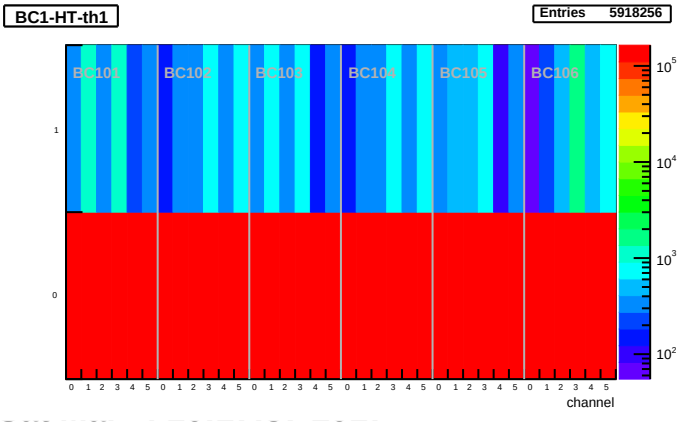

BC1-TP-Diff
Entries 5551004
BC101
BC102
BC103
BC104
BC105
BC106
channel

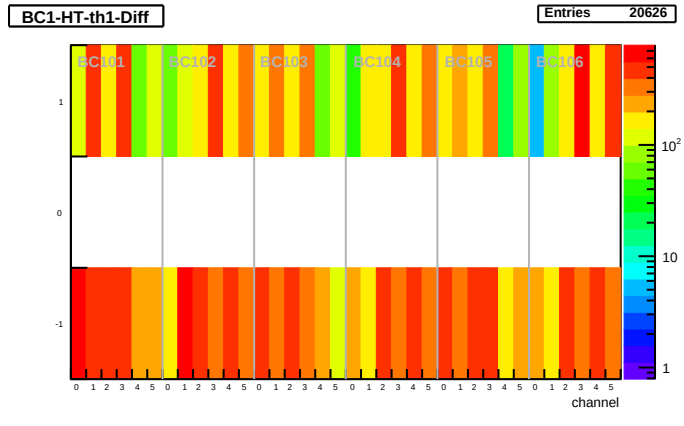

BC1-HT.TP
Entries 5918256
BC101
BC102
BC103
BC104
BC105
BC106
channel

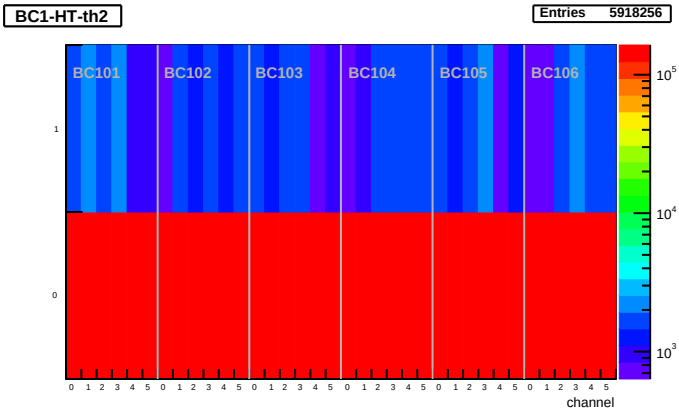

BC1-HT.TP-Diff
Entries 5824088
BC101
BC102
BC103
BC104
BC105
BC106
channel

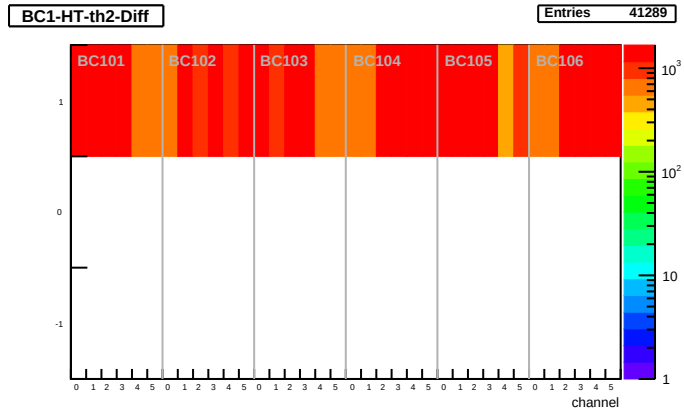

BC1-HT-th0
Entries 5918256
BC101
BC102
BC103
BC104
BC105
BC106
channel

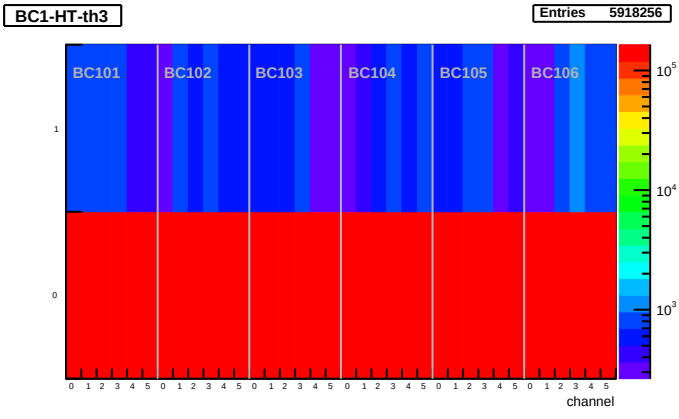

BC1-HT-th0-Diff
Entries 48726
BC101
BC102
BC103
BC104
BC105
BC106
channel

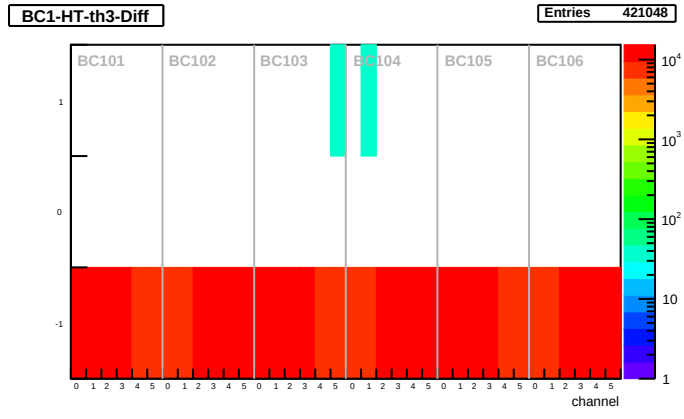

BC1-HT-th1
Entries 5918256
BC101
BC102
BC103
BC104
BC105
BC106
channel

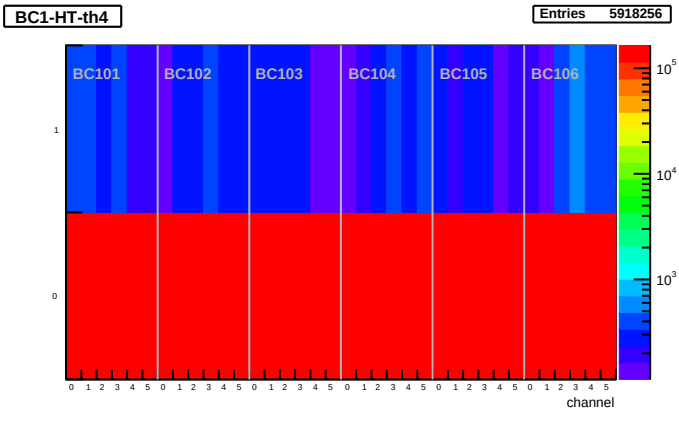

BC1-HT-th1-Diff
Entries 20626
BC101
BC102
BC103
BC104
BC105
BC106
channel

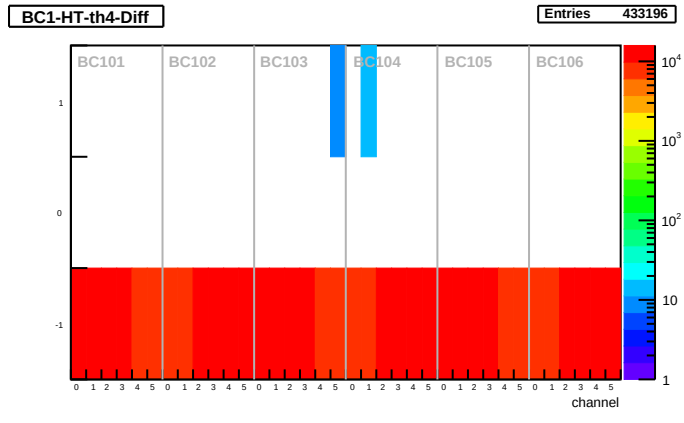

BC1-HT-th2
Entries 5918256
BC101
BC102
BC103
BC104
BC105
BC106
channel

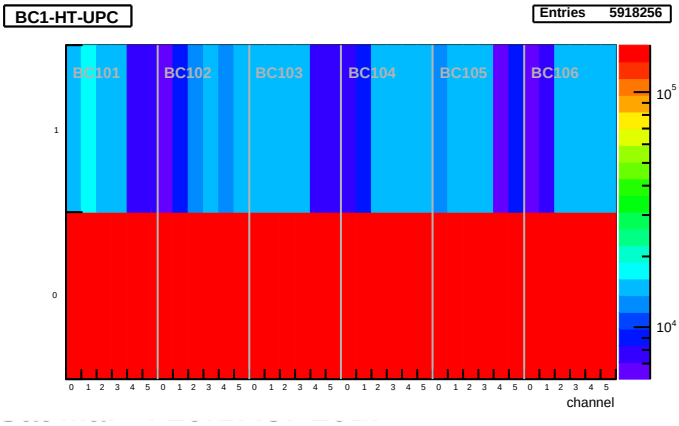

BC1-HT-th2-Diff
Entries 41289
BC101
BC102
BC103
BC104
BC105
BC106
channel

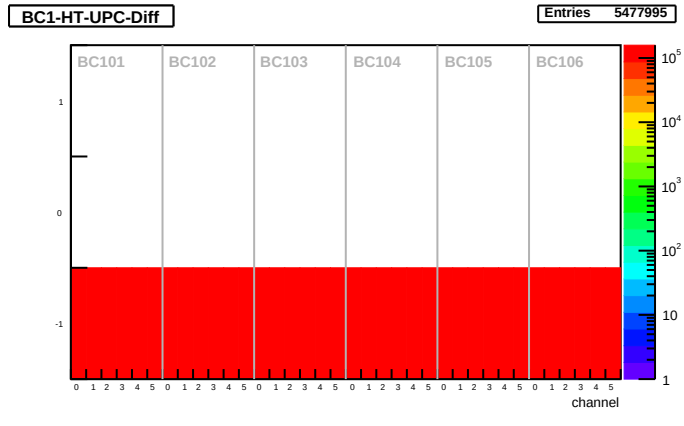

BC1-HT-th3
Entries 5918256
BC101
BC102
BC103
BC104
BC105
BC106
channel

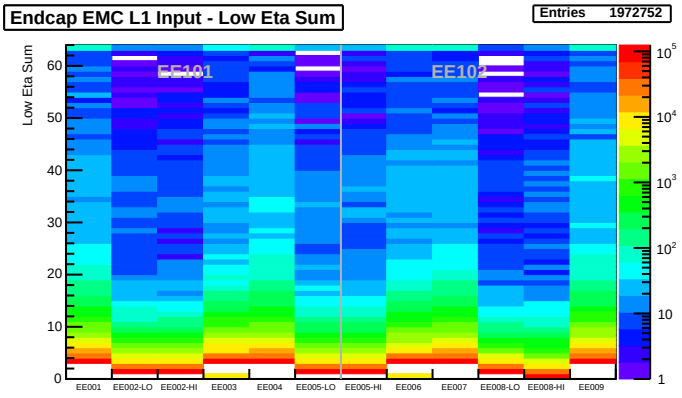

BC1-HT-th3-Diff
Entries 421048
BC101
BC102
BC103
BC104
BC105
BC106
channel

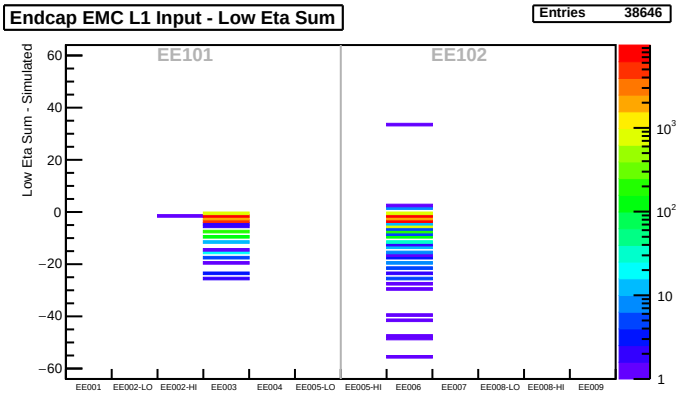

BC1-HT-th4
Entries 5918256
BC101
BC102
BC103
BC104
BC105
BC106
channel

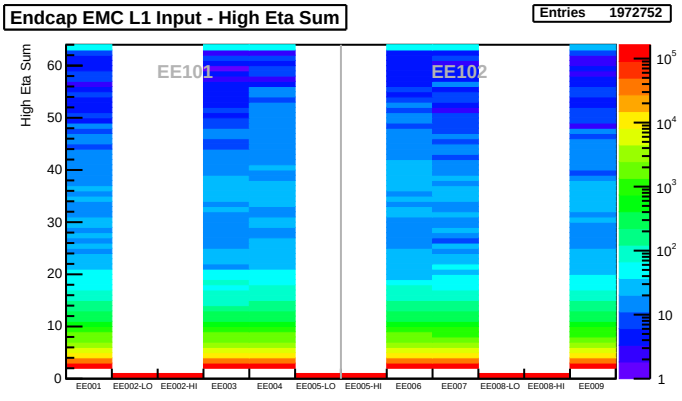

BC1-HT-th4-Diff
Entries 433196
BC101
BC102
BC103
BC104
BC105
BC106
channel

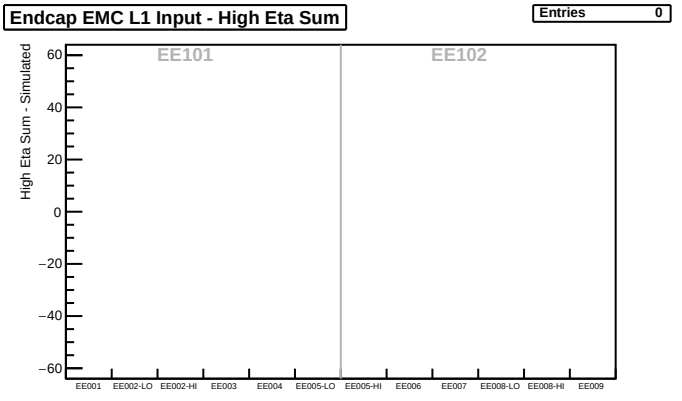

BC1-HT-UPC
Entries 5918256
BC101
BC102
BC103
BC104
BC105
BC106
channel

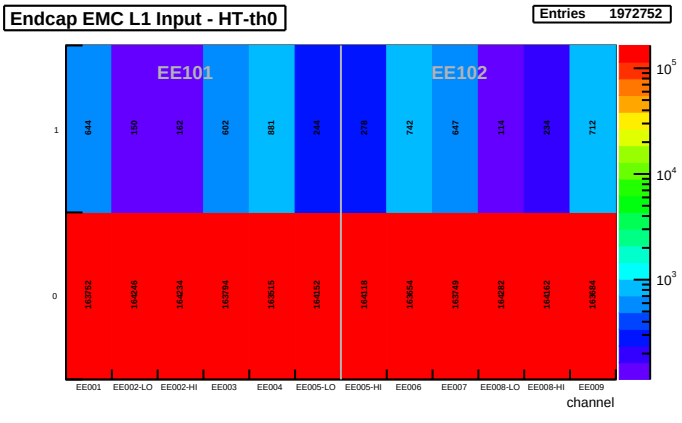

BC1-HT-UPC-Diff
Entries 5477995
BC101
BC102
BC103
BC104
BC105
BC106
channel

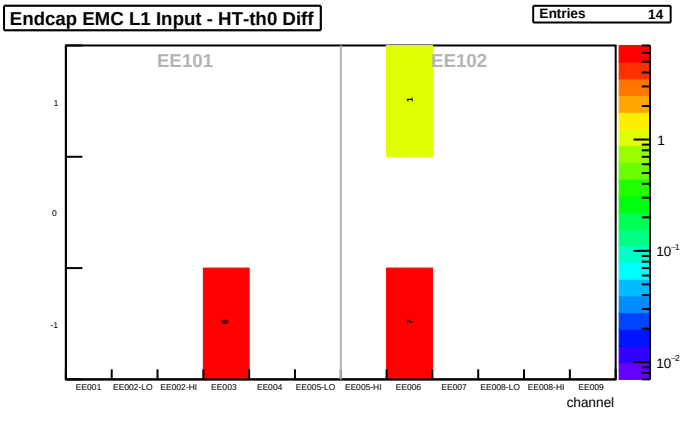

Endcap EMC L1 Input - Low Eta Sum
Entries 1972752
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

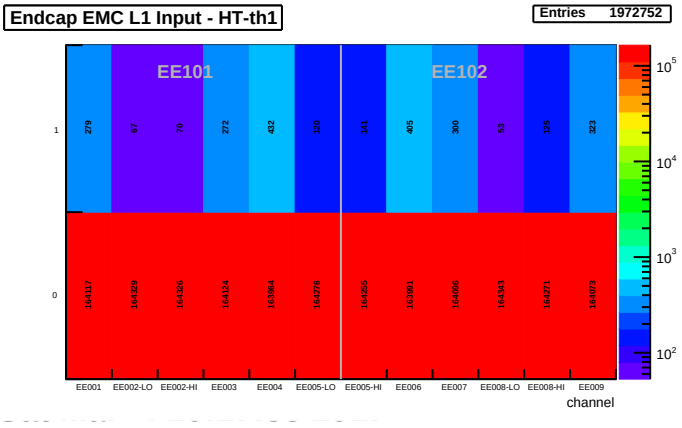

Endcap EMC L1 Input - Low Eta Sum
Entries 38646
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

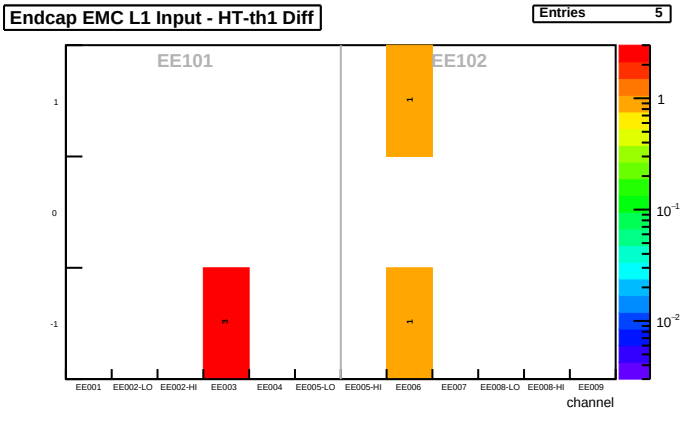

Endcap EMC L1 Input - High Eta Sum
Entries 1972752
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

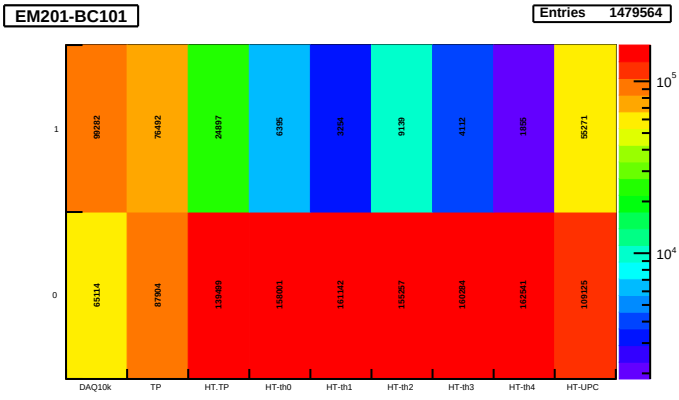

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

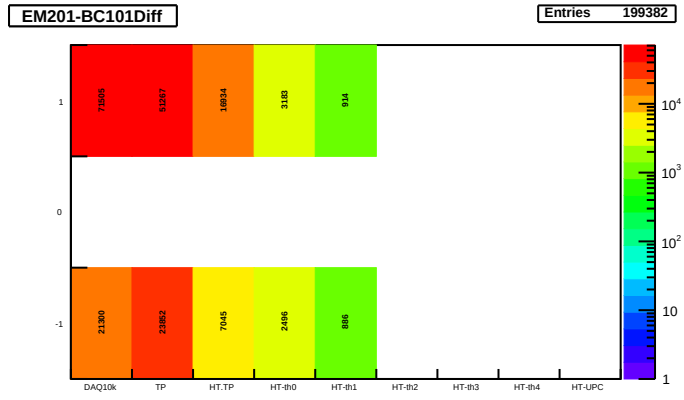

Endcap EMC L1 Input - HT-th0
Entries 1972752
EE101
EE102
644 150 162 602 881 244 278 742 647 114 234 712
163752 163246 164234 163794 163515 164152 164118 163954 163749 164282 164162 163884
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

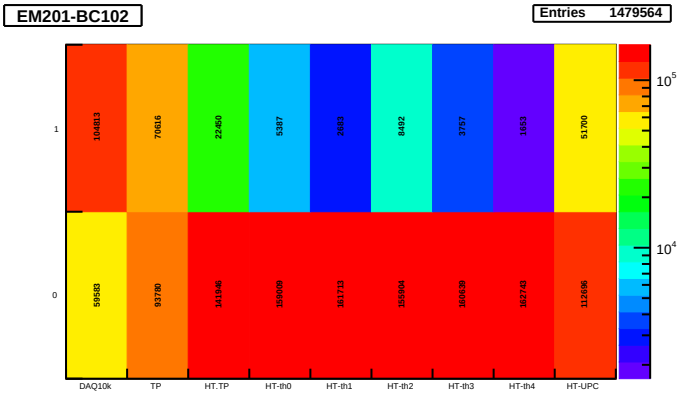

Endcap EMC L1 Input - HT-th0 Diff
Entries 14
EE101
EE102
1
6
7
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

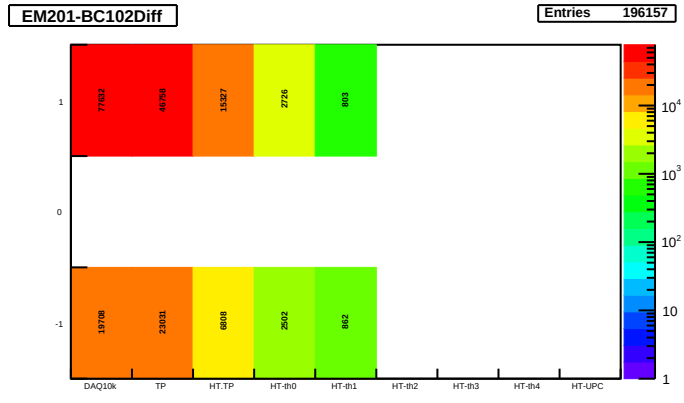

Endcap EMC L1 Input - HT-th1
Entries 1972752
EE101
EE102
279 67 70 272 432 120 141 405 300 53 125 323
164117 164329 164326 164124 163964 164276 164255 163991 164086 164343 164271 164073
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

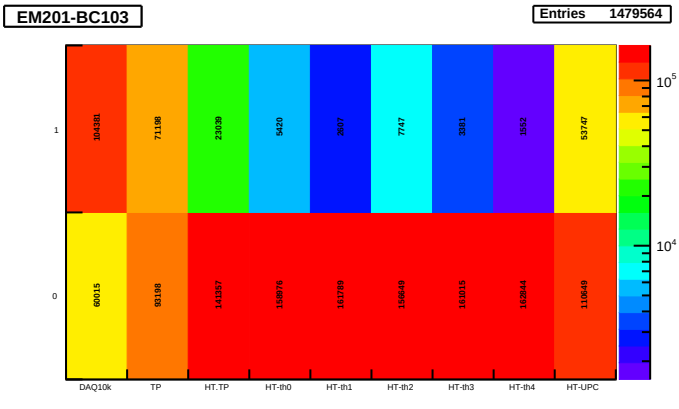

Endcap EMC L1 Input - HT-th1 Diff
Entries 5
EE101
EE102
1
3
1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

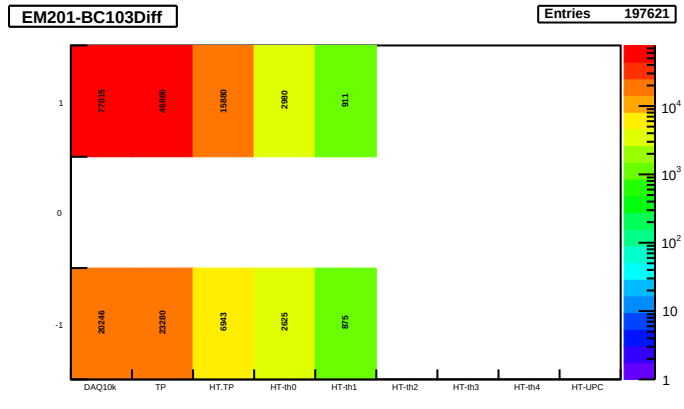

EM201-BC101
Entries 1479564
1
0
89282
76492
24897
6395
3254
9139
4112
1855
55271
65114
87904
139909
158001
161142
155257
160284
162541
109325
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4

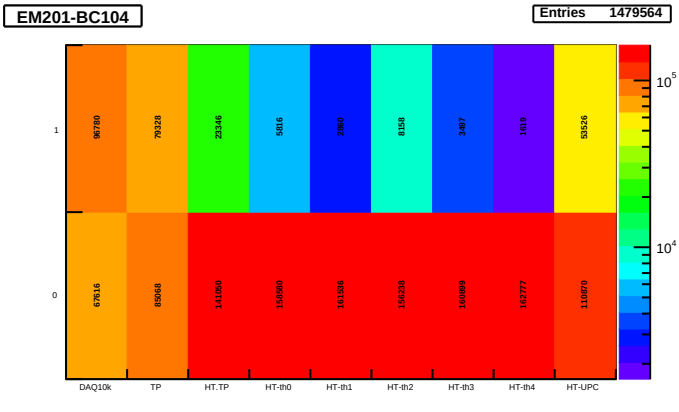

EM201-BC101Diff
Entries 199382
1
0
-1
71505
51267
16934
3183
914
21300
23862
7045
2496
886
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

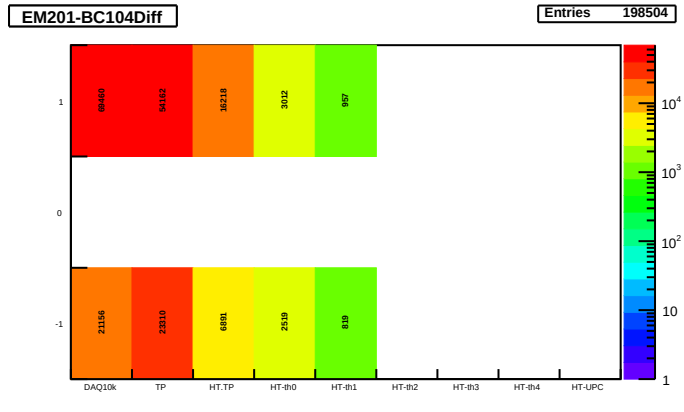

EM201-BC102
Entries 1479564
1
0
104813
70616
22450
5387
2693
8492
3757
1653
51700
59583
93780
141946
159009
161713
155904
160639
162743
112696
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC102Diff
Entries 196157
1
0
-1
77632
49758
15327
2726
803
19708
23031
6808
2502
862
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

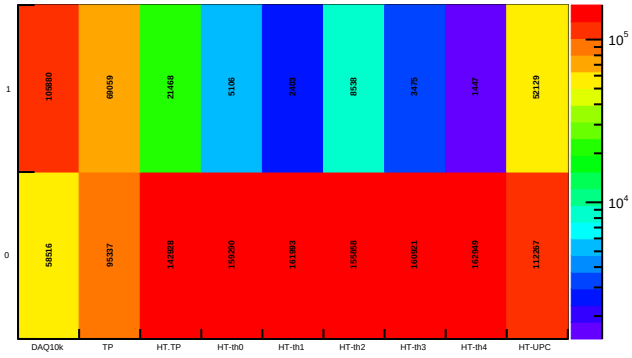

EM201-BC103
Entries 1479564
1
0
104381
71198
23939
5420
2697
7747
3381
1552
53747
60015
83198
141357
158976
161789
158649
161015
163844
118649
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC103Diff
Entries 197621
1
0
-1
77015
46866
15380
2980
911
20246
23280
6943
2625
875
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

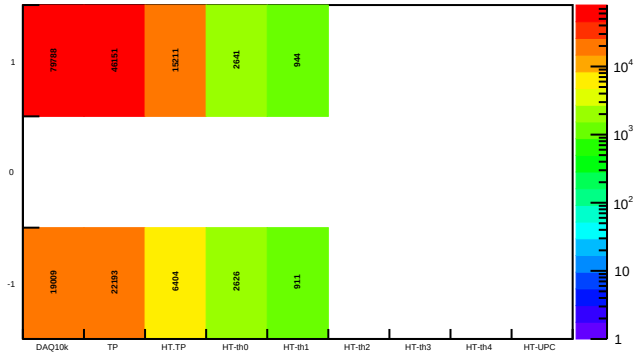

EM201-BC104
Entries 1479564
1
0
98780
79328
23346
5816
2880
8158
3487
1619
53526
67616
85068
141860
158980
161556
156228
160899
162777
110870
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC104Diff
Entries 198504
1
0
-1
69460
54162
16218
3012
957
21156
23310
6891
2539
819
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

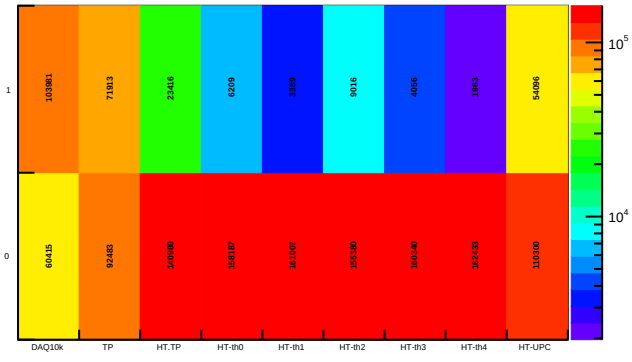
EM201-BC105 Entries 1479564



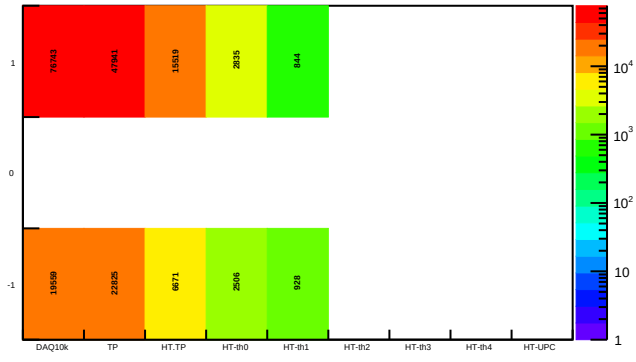
EM201-BC105Diff Entries 195878



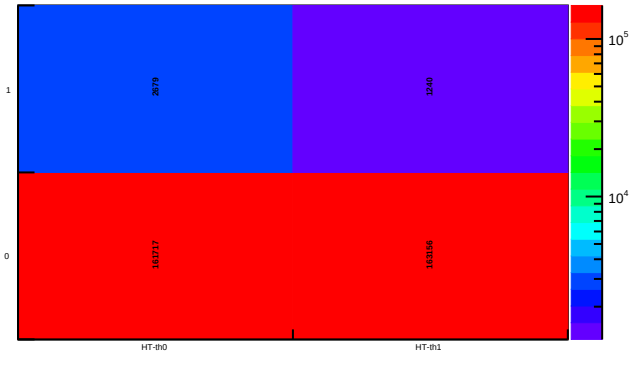
EM201-BC106 Entries 1479564



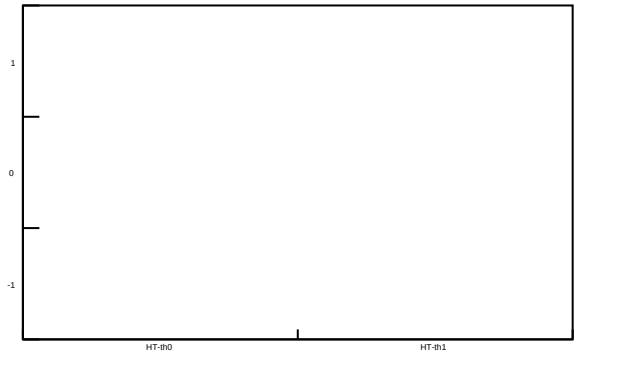
EM201-BC106Diff Entries 196371



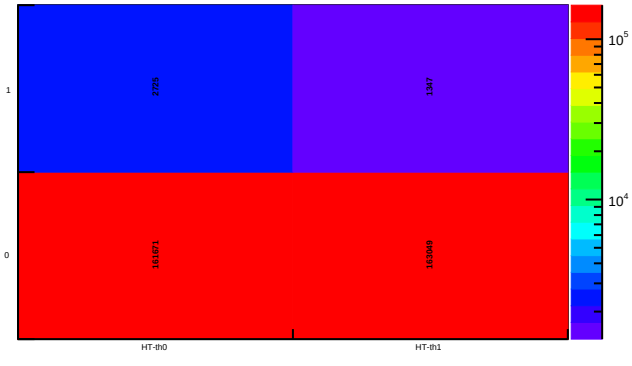
EM201-EE101 Entries 328792



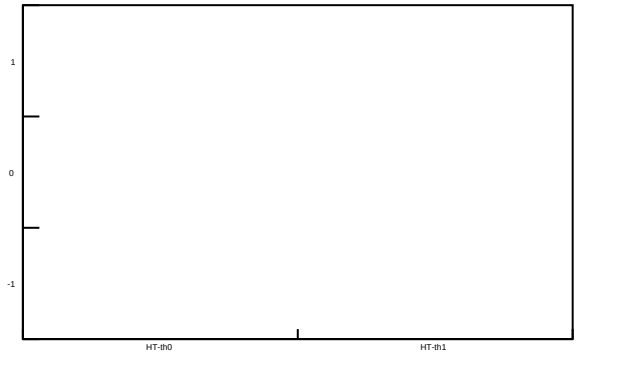
EM201-EE101Diff Entries 0

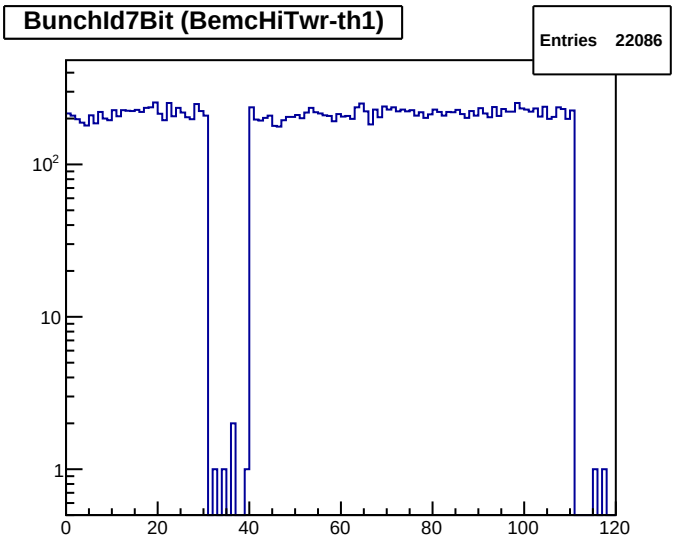


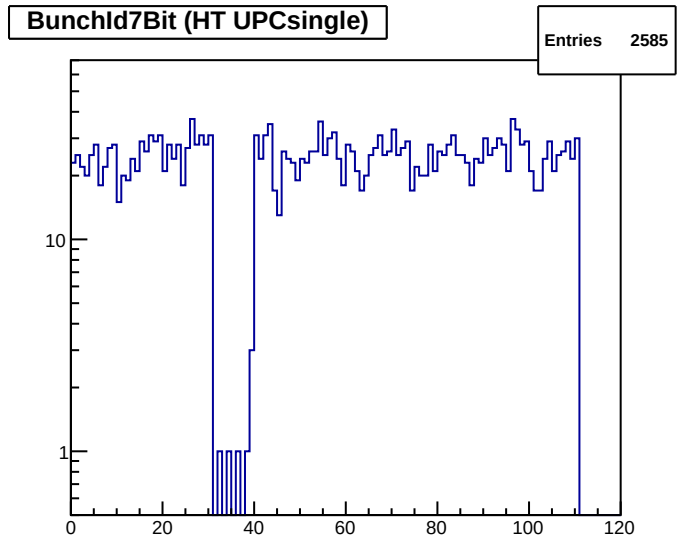
EM201-EE102 Entries 328792

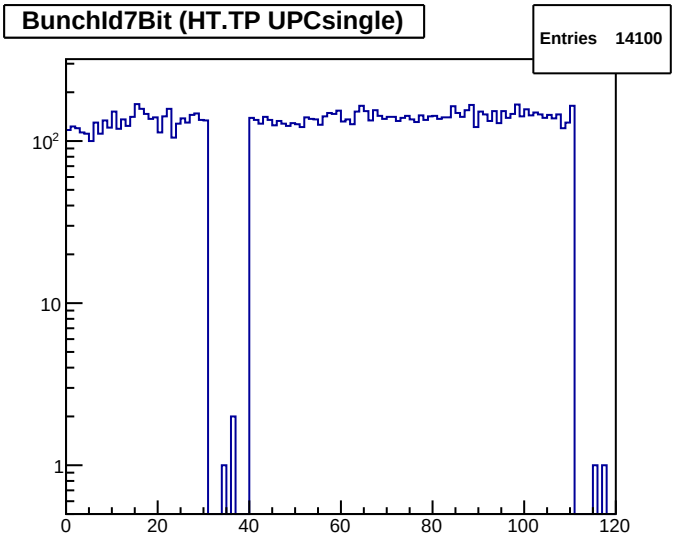


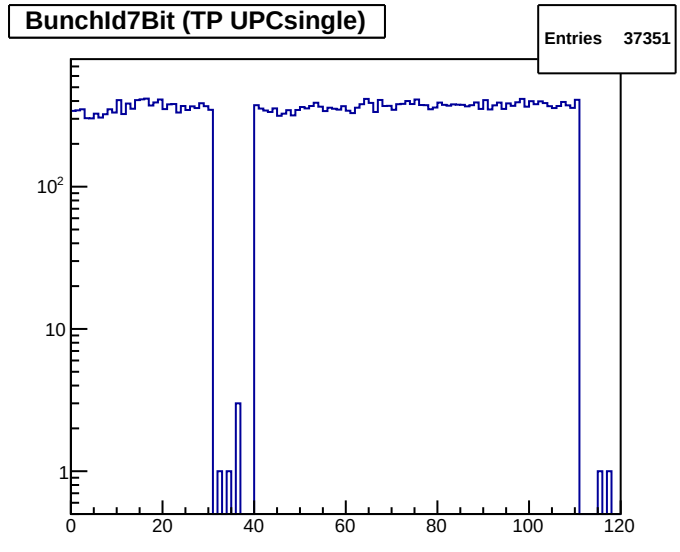
EM201-EE102Diff Entries 0

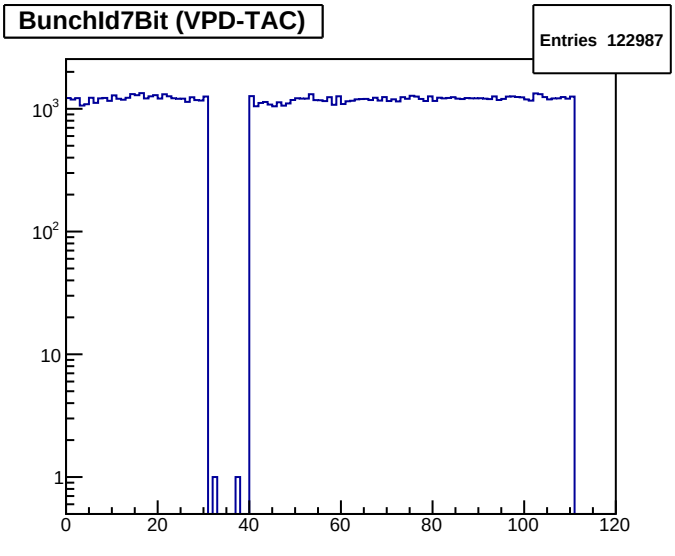


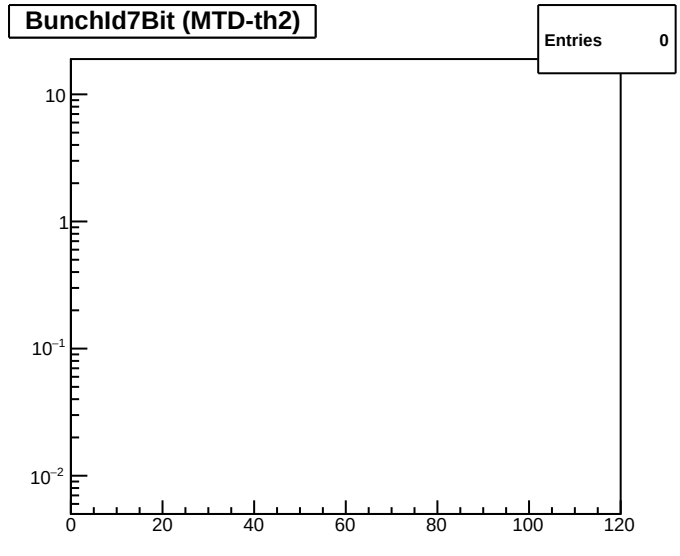

BunchId7Bit (BemcHiTwr-th1)
Entries 22086
10^2
10
1
0
20
40
60
80
100
120

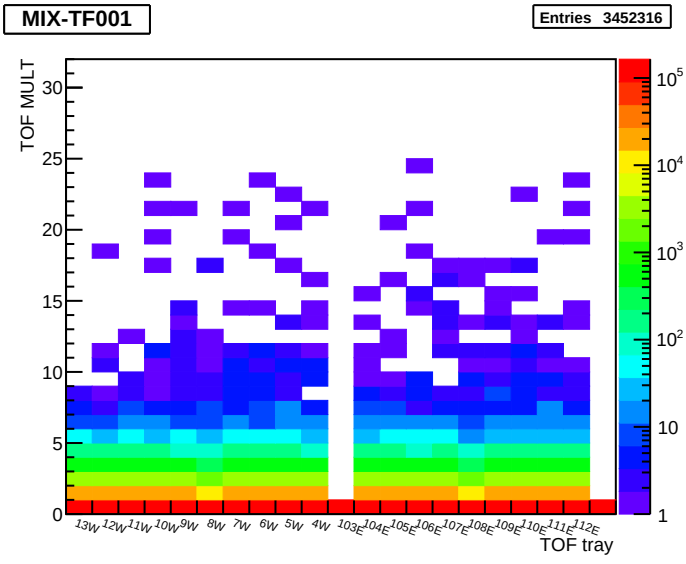

BunchId7Bit (HT UPCsingle)
Entries 2585
10
1
0
20
40
60
80
100
120

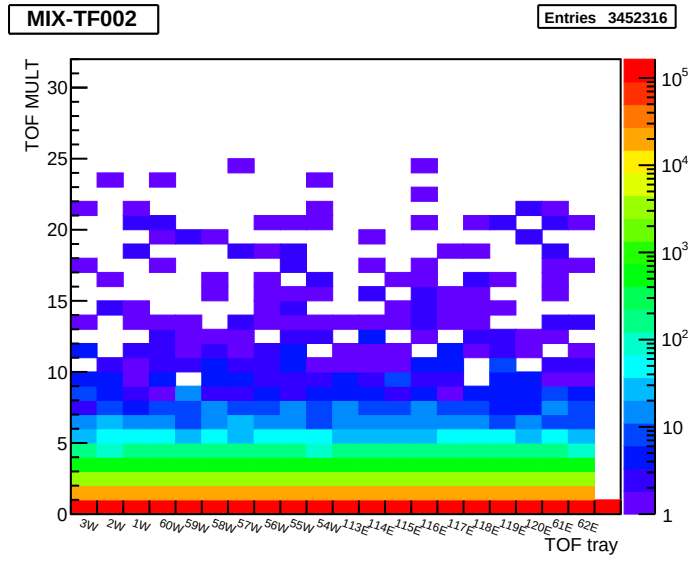

BunchId7Bit (HT.TP UPCsingle)
Entries 14100
10^2
10
1
0
20
40
60
80
100
120

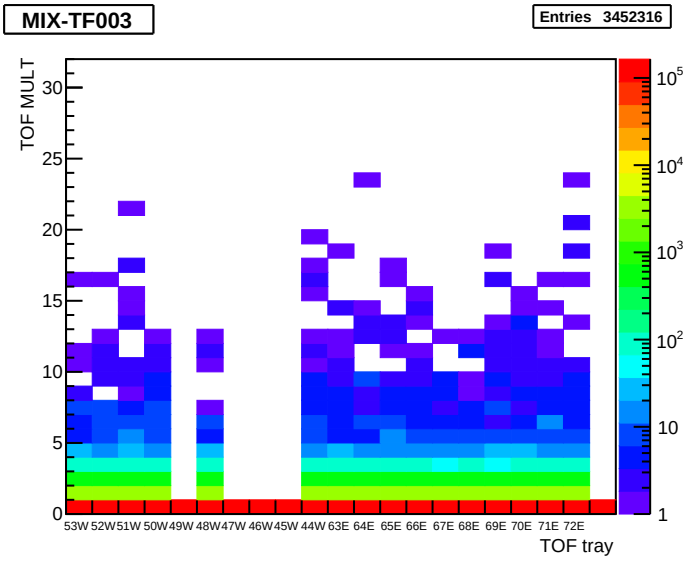

BunchId7Bit (TP UPCsingle)
Entries 37351
10^2
10
1
0
20
40
60
80
100
120

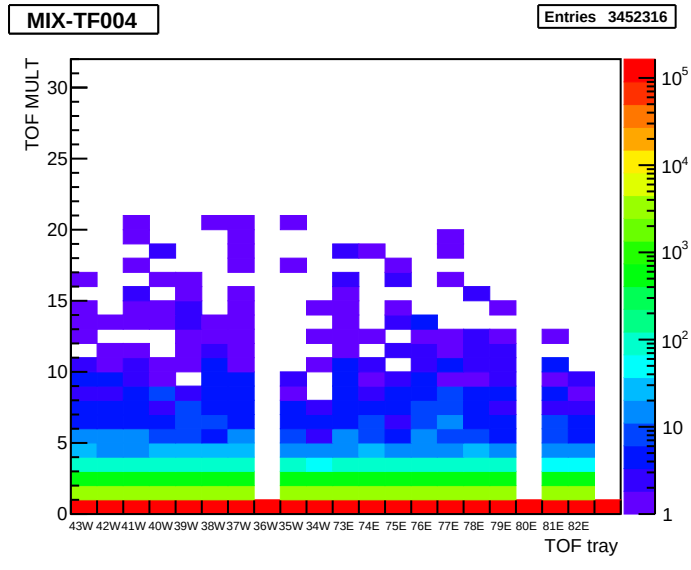

BunchId7Bit (VPD-TAC)
Entries 122987
10^3
10^2
10
1
0
20
40
60
80
100
120

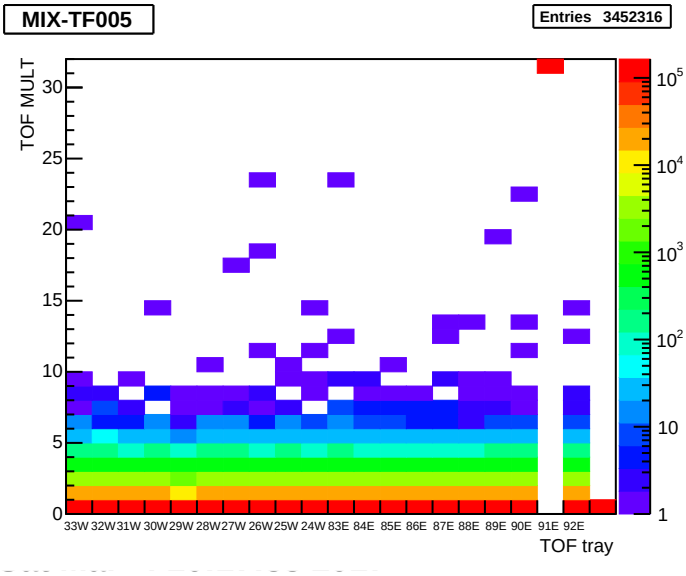

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0
20
40
60
80
100
120

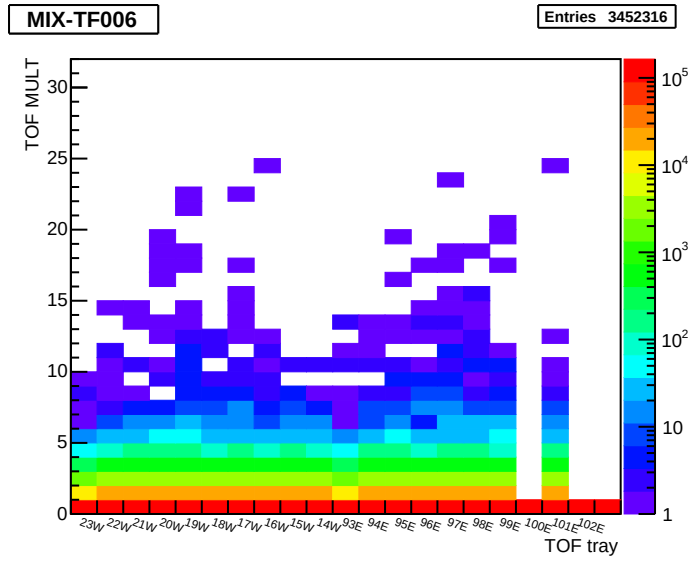

MIX-TF001
Entries 3452316
TOF MULT
TOF tray

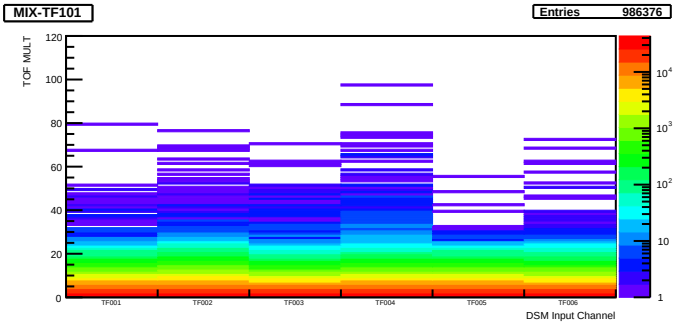

MIX-TF002
Entries 3452316
TOF MULT
TOF tray

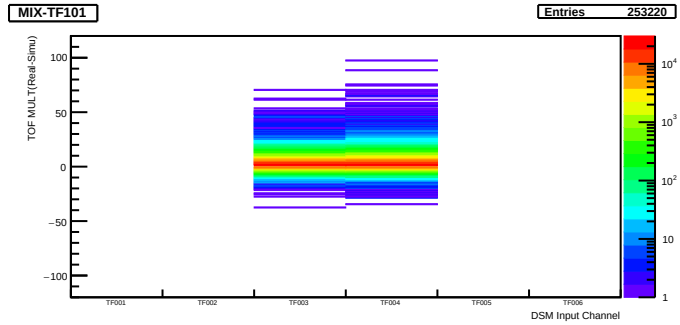

MIX-TF003
Entries 3452316
TOF MULT
TOF tray

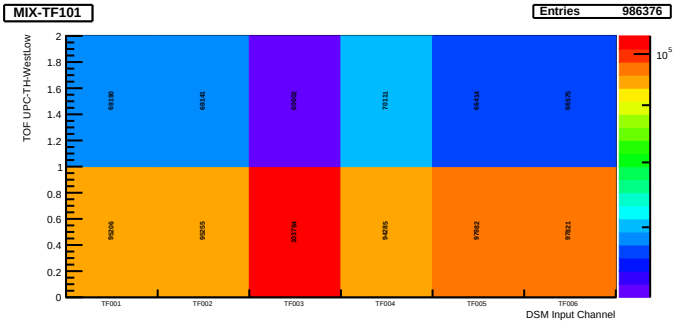

MIX-TF004
Entries 3452316
TOF MULT
TOF tray

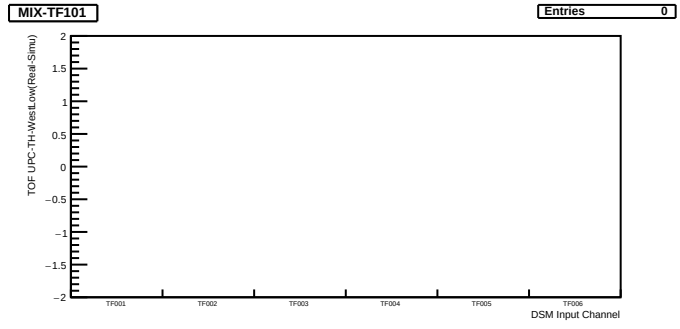

MIX-TF005
Entries 3452316
TOF MULT
TOF tray

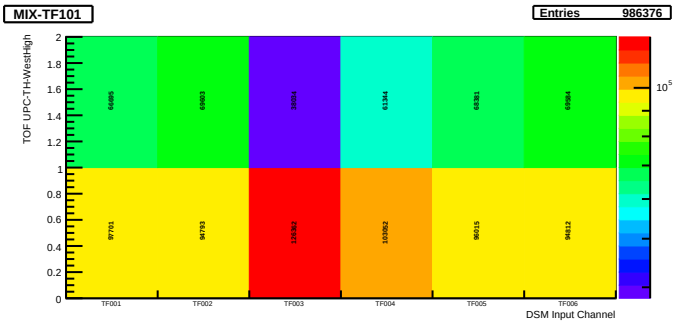

MIX-TF006
Entries 3452316
TOF MULT
TOF tray

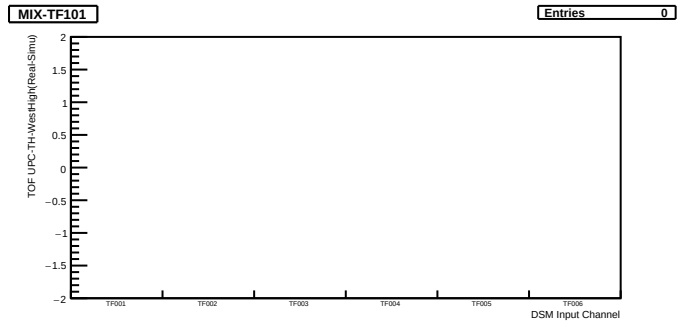

MIX-TF101
Entries 986376
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

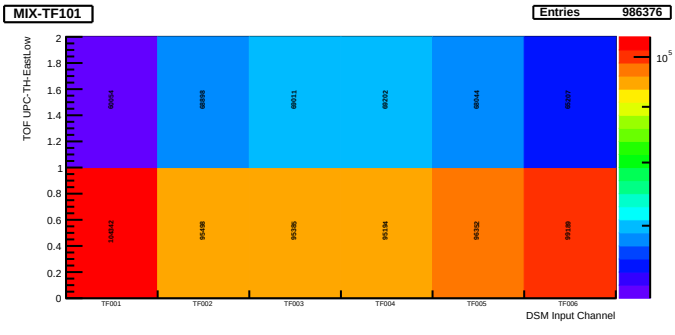

MIX-TF101
Entries 253220
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

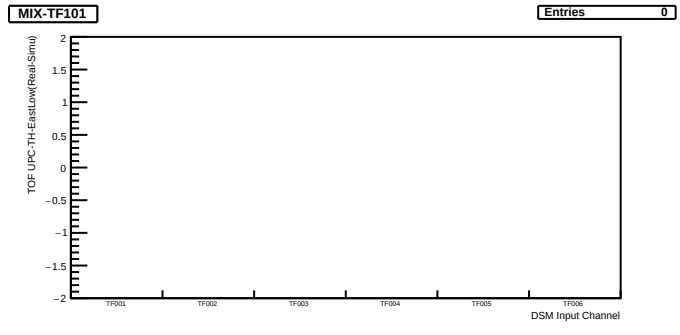

MIX-TF101
Entries 986376
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

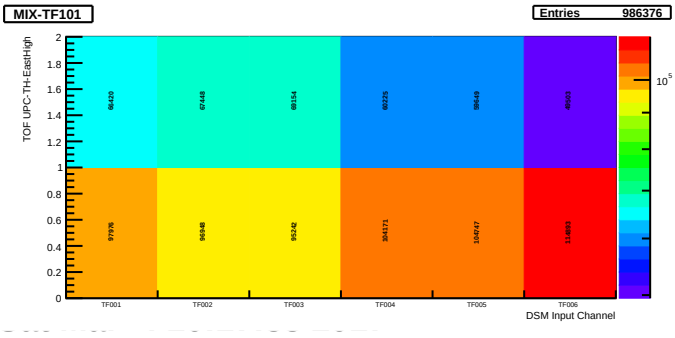

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

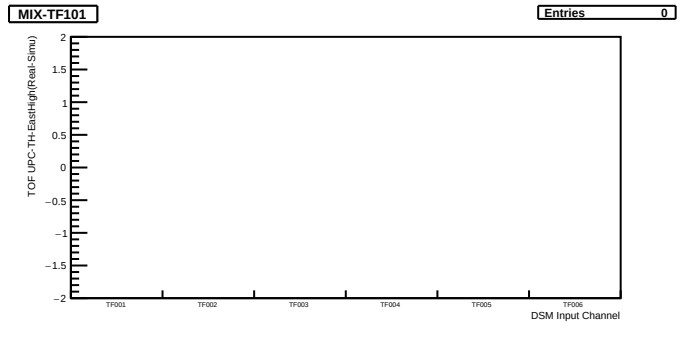

MIX-TF101
Entries 986376
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

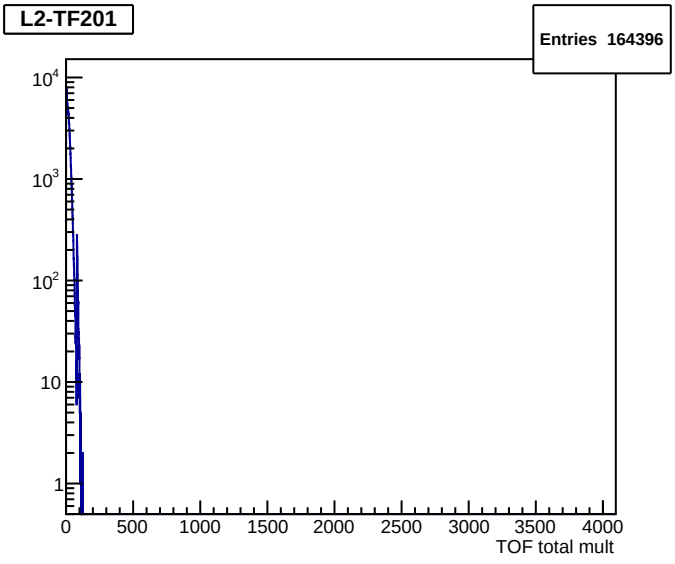

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

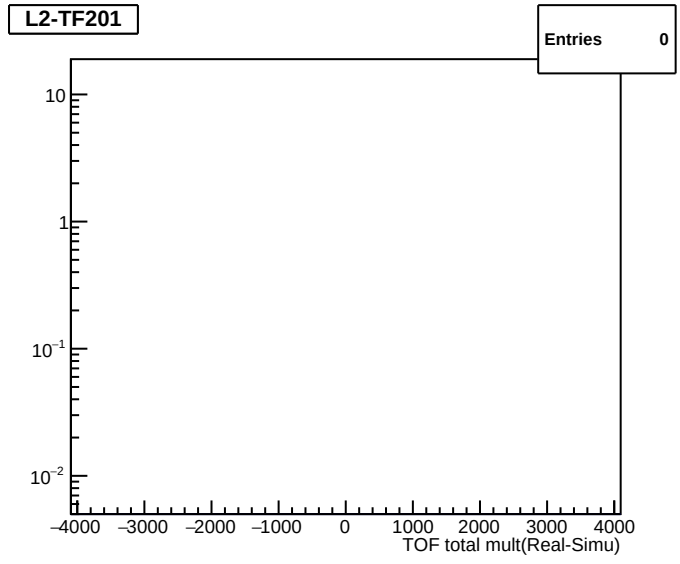

MIX-TF101
Entries 986376
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

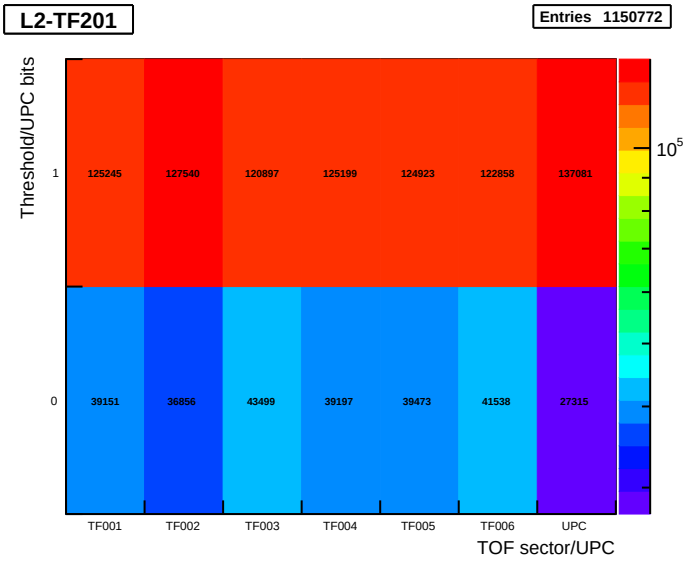

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

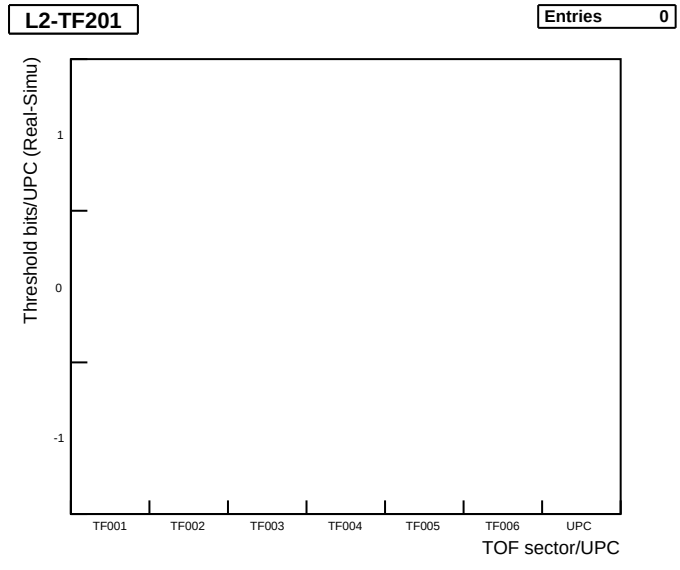

MIX-TF101
Entries 986376
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

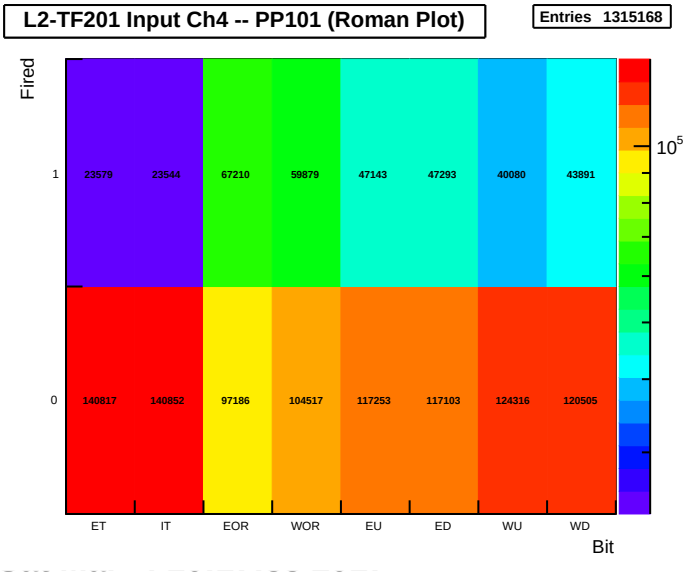

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

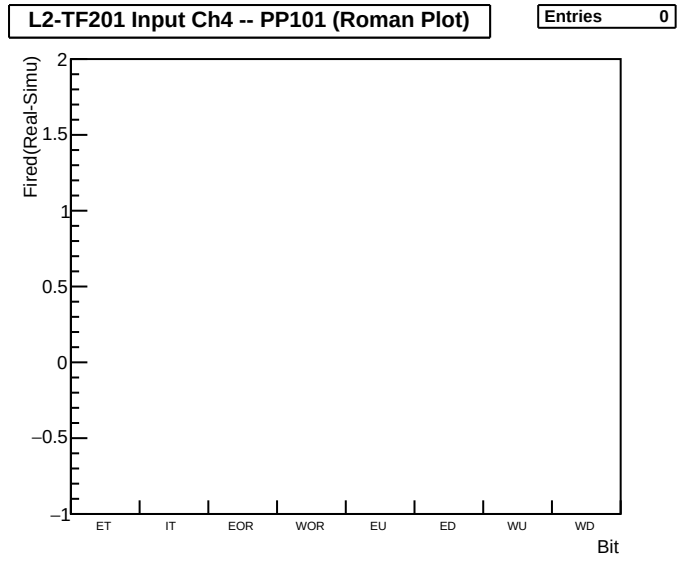

L2-TF201
Entries 164396
TOF total mult

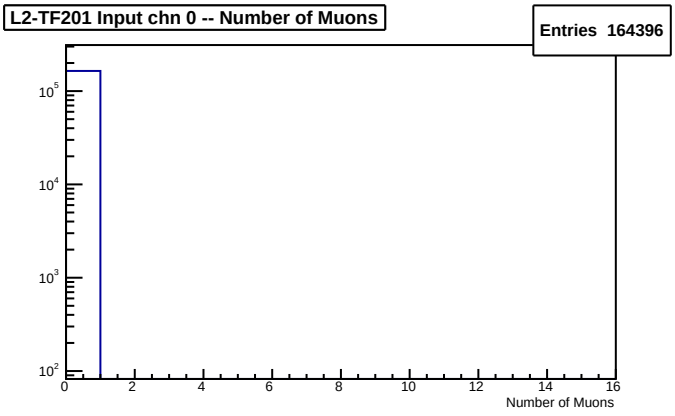

L2-TF201
Entries 0
TOF total mult(Real-Simu)

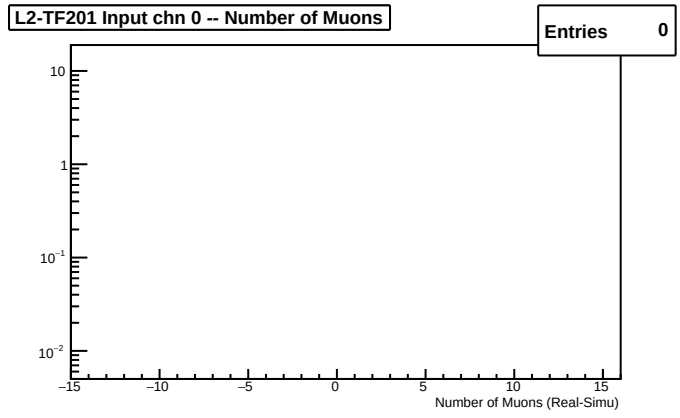

L2-TF201
Entries 1150772
Threshold/UPC bits
125245 127540 120897 125199 124923 122858 137081
39151 36856 43499 39197 39473 41538 27315
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

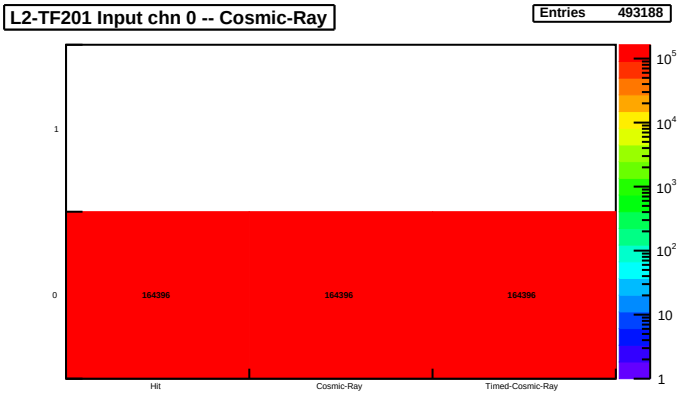

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

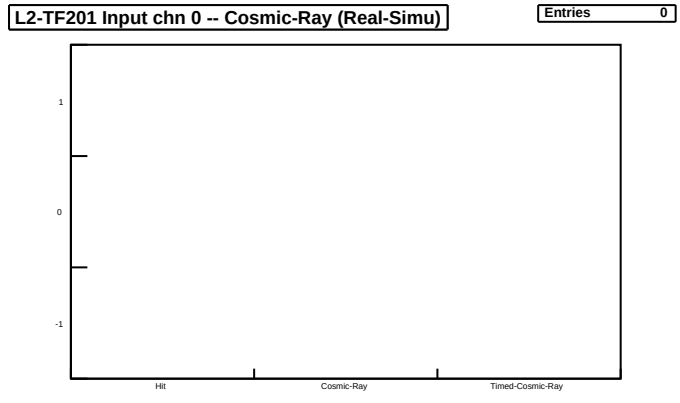

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1315168
Fired
23579 23544 67210 59879 47143 47293 40080 43891
140817 140852 97186 104517 117253 117103 124316 120505
ET IT EOR WOR EU ED WU WD
Bit

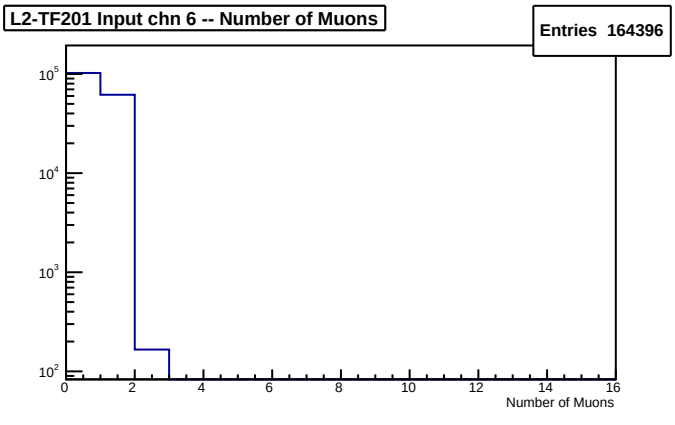

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

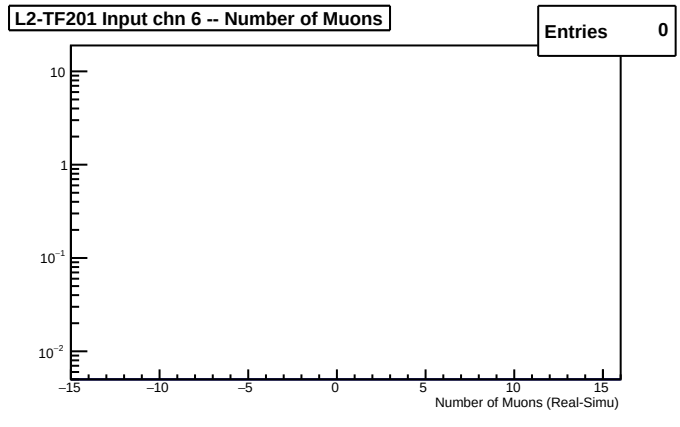

L2-TF201 Input chn 0 -- Number of Muons
Entries 164396
Number of Muons

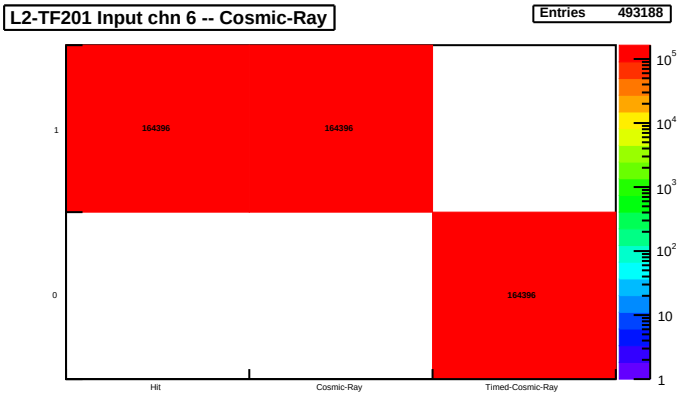

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

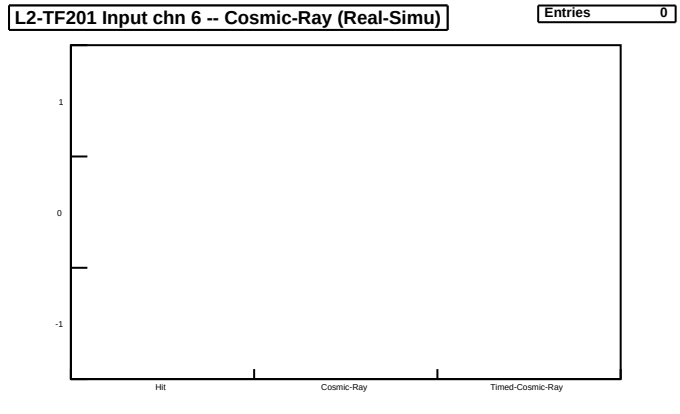

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 493188
164396
164396
164396
Hit
Cosmic-Ray
Timed-Cosmic-Ray

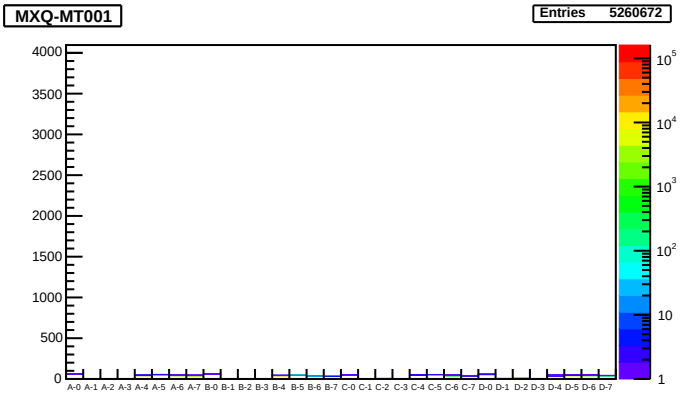

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

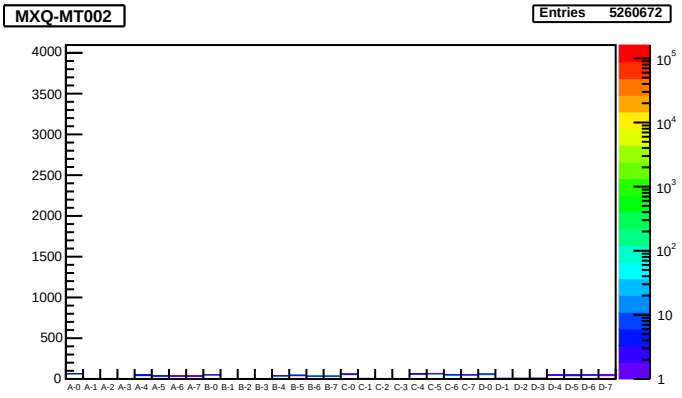

L2-TF201 Input chn 6 -- Number of Muons
Entries 164396
Number of Muons

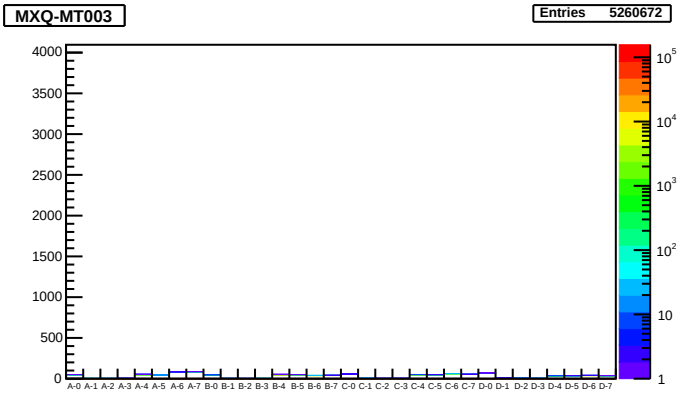

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

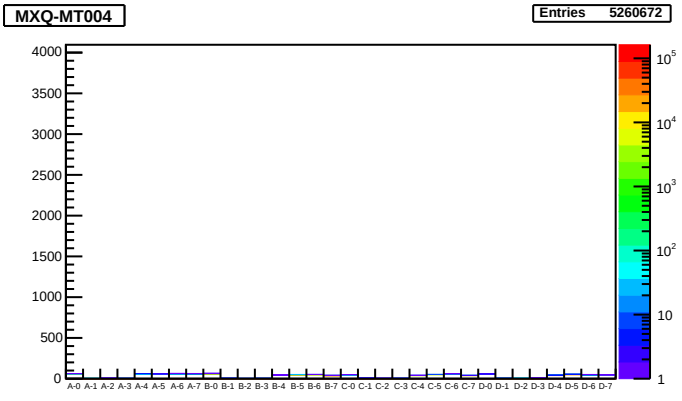

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 493188
164396
164396
164396
Hit
Cosmic-Ray
Timed-Cosmic-Ray

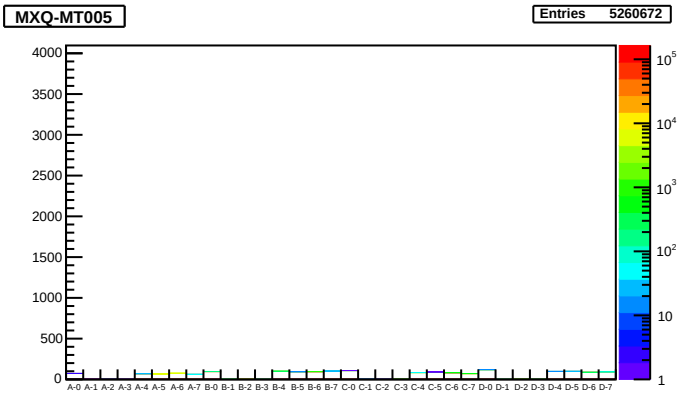

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

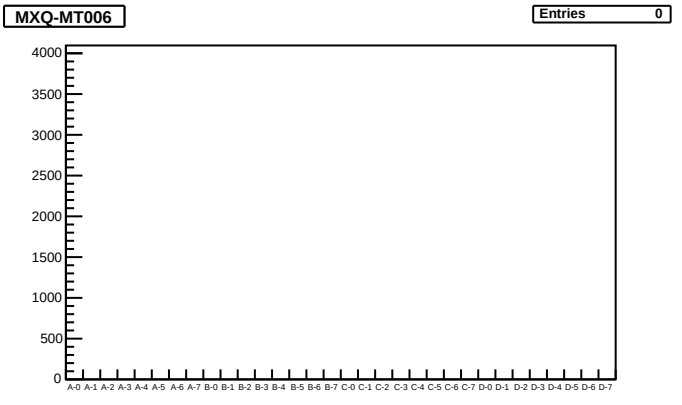

MXQ-MT001
Entries 5260672

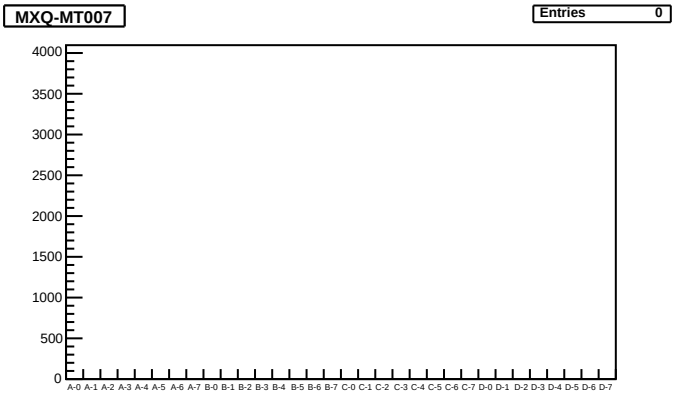

MXQ-MT002
Entries 5260672

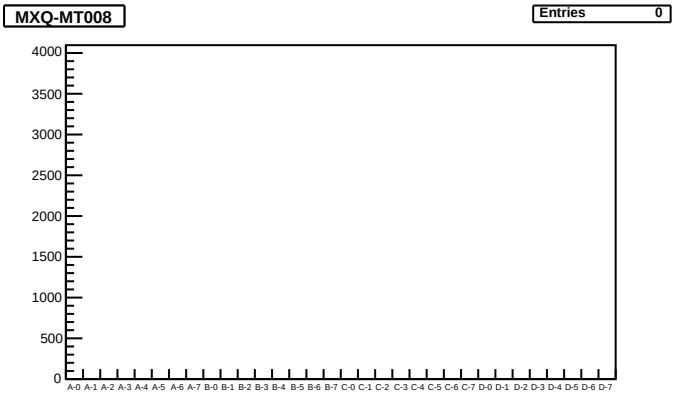

MXQ-MT003
Entries 5260672

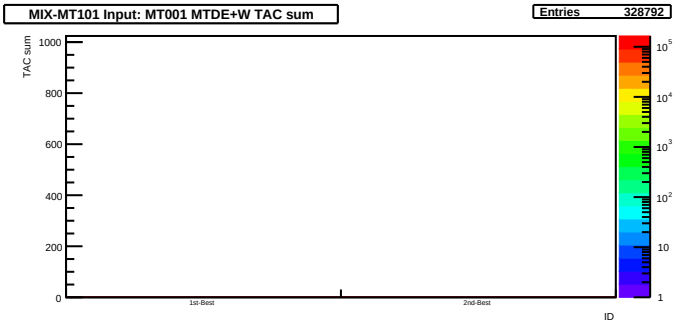

MXQ-MT004
Entries 5260672

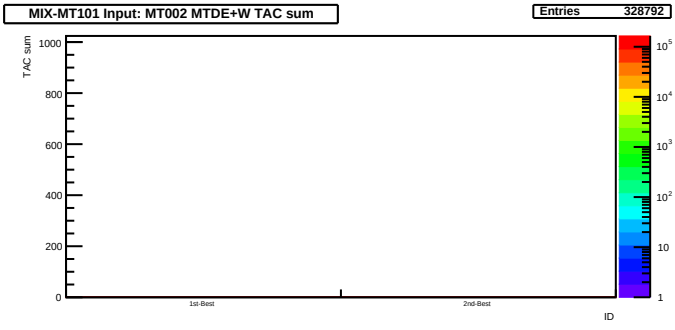

MXQ-MT005
Entries 5260672

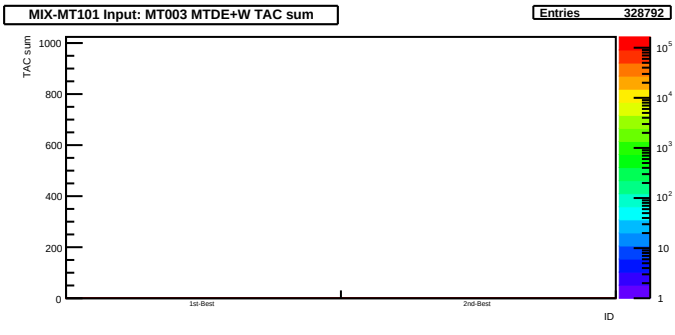

MXQ-MT006
Entries 0

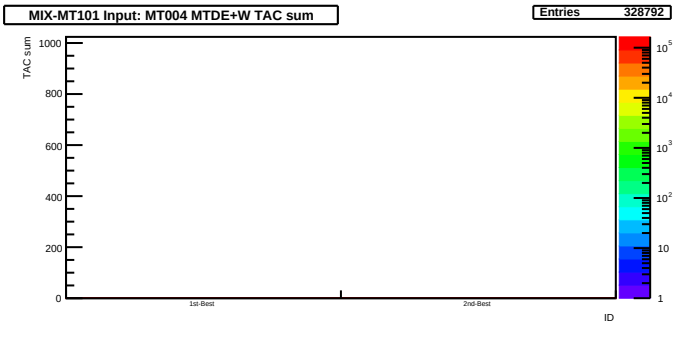

MXQ-MT007
Entries 0

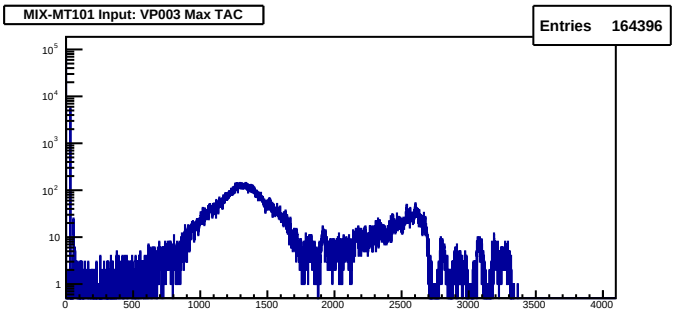

MXQ-MT008
Entries 0

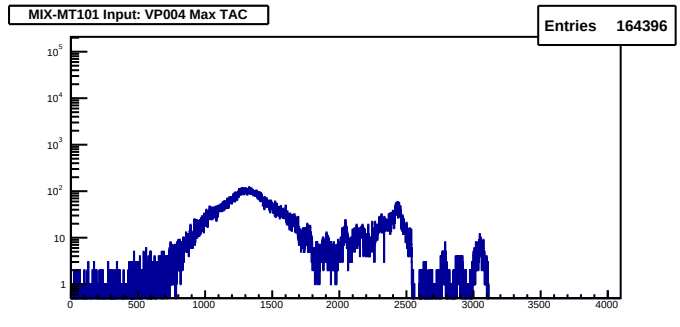

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 328792
TAC sum
1st-Best
2nd-Best
ID

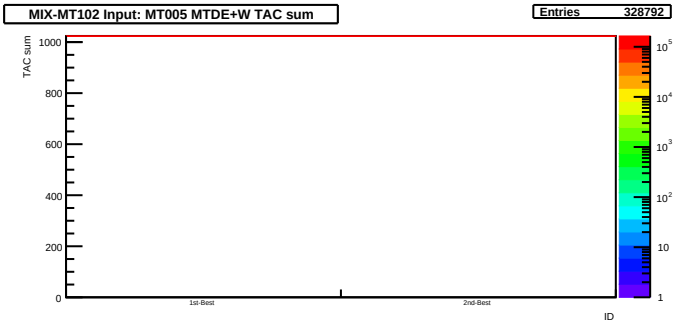

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 328792
TAC sum
1st-Best
2nd-Best
ID

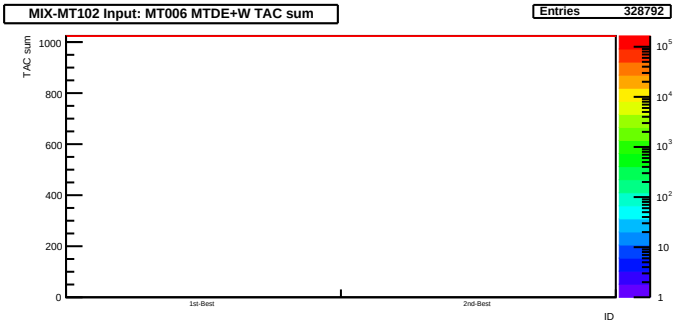

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 328792
TAC sum
1st-Best
2nd-Best
ID

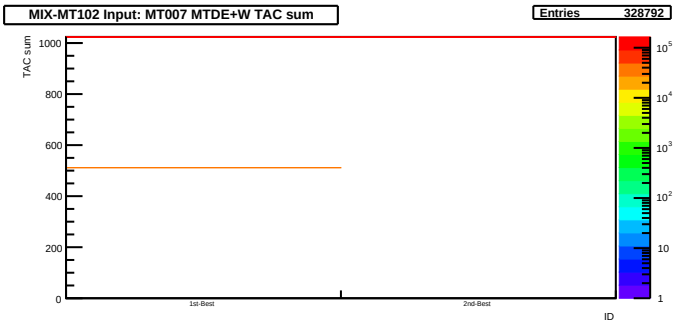

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 328792
TAC sum
1st-Best
2nd-Best
ID

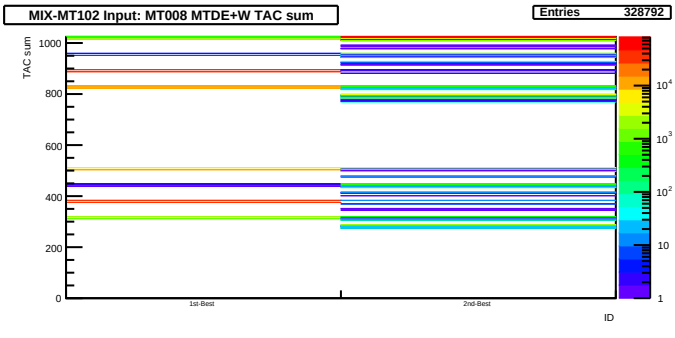

MIX-MT101 Input: VP003 Max TAC
Entries 164396

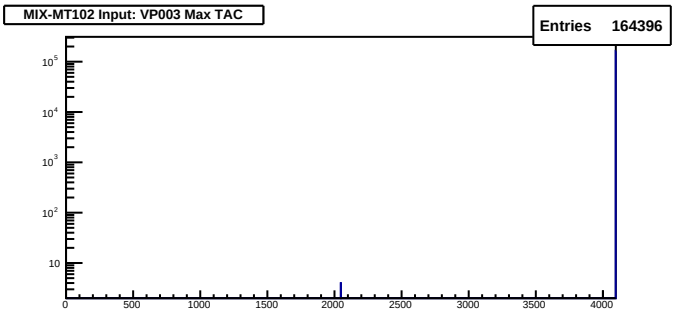

MIX-MT101 Input: VP004 Max TAC
Entries 164396

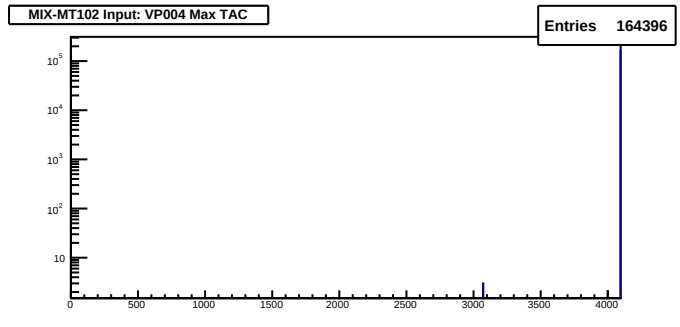

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 328792
TAC sum
1st-Best
2nd-Best
ID

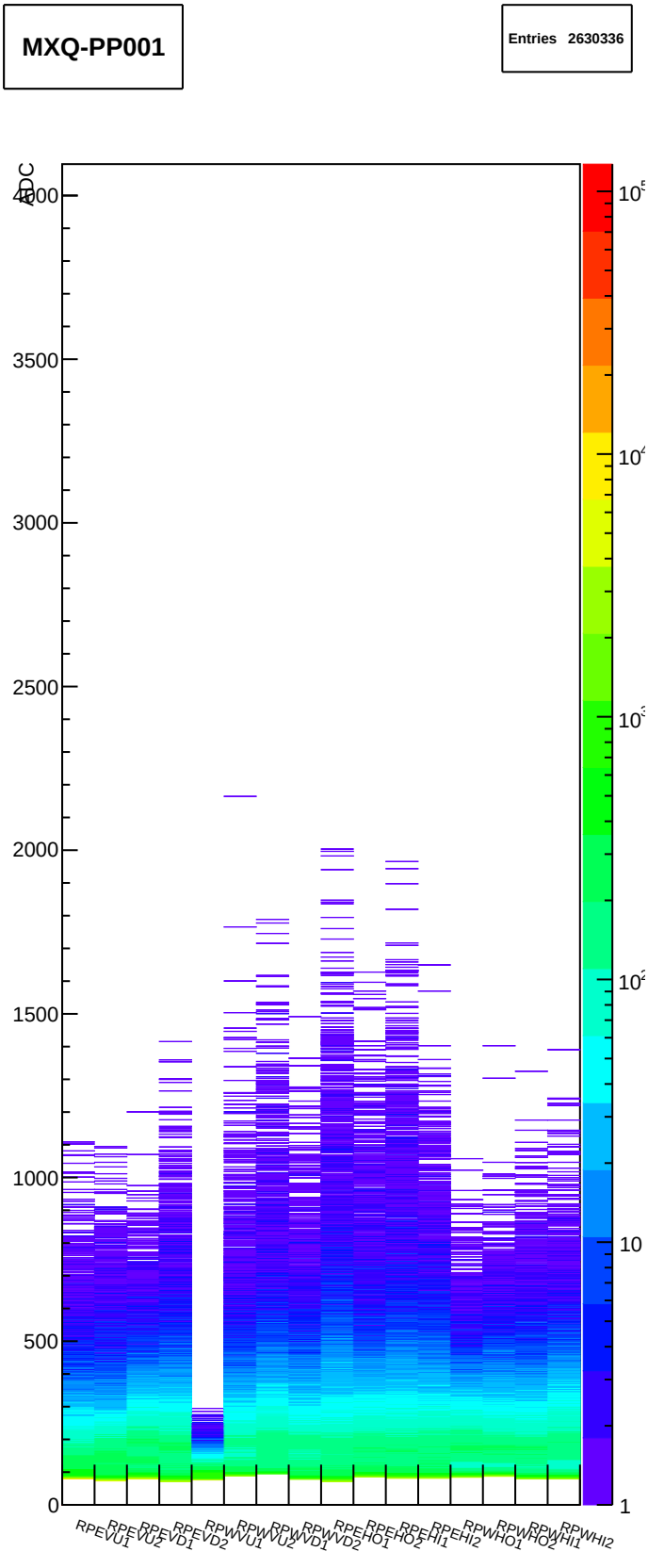

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 328792
TAC sum
1st-Best
2nd-Best
ID

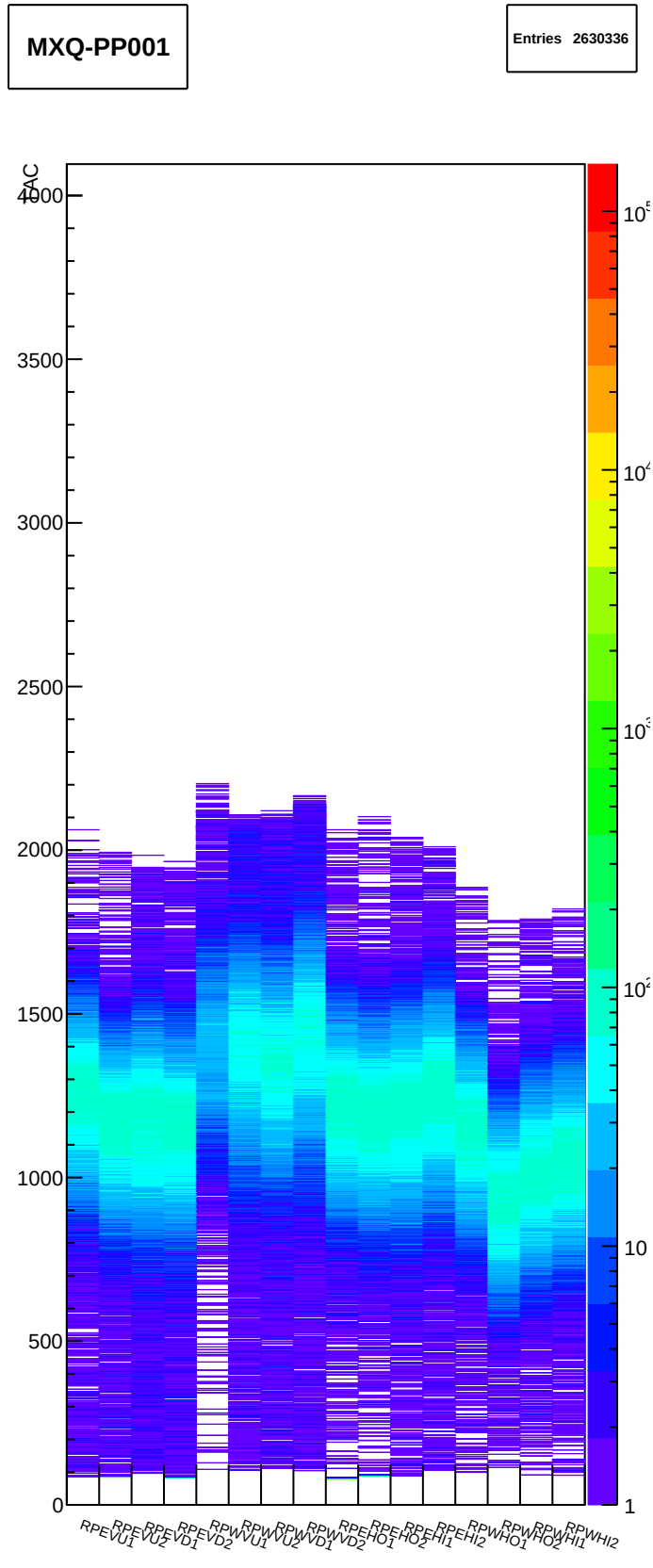

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 328792
TAC sum
1st-Best
2nd-Best
ID

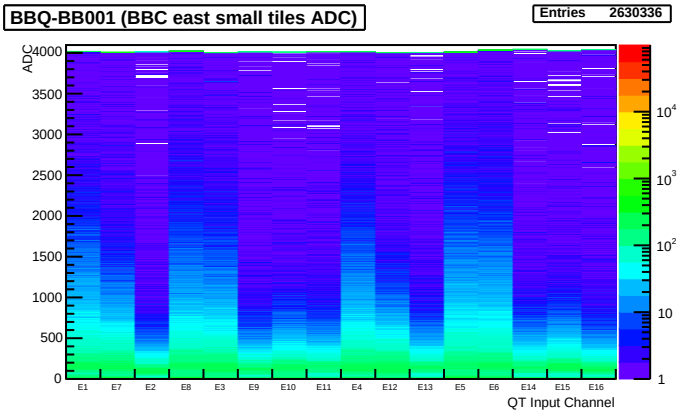

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 328792
TAC sum
1st-Best
2nd-Best
ID

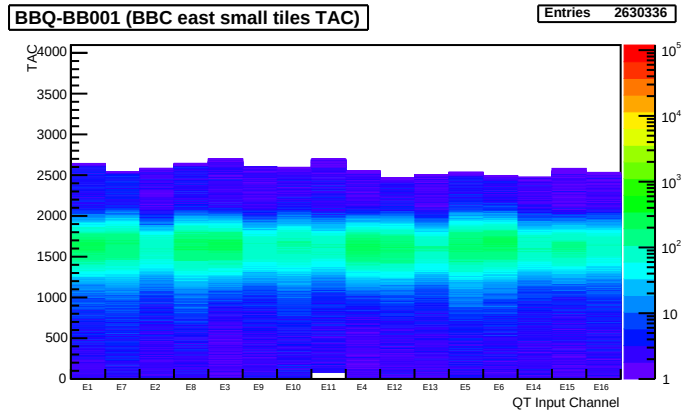

MIX-MT102 Input: VP003 Max TAC
Entries 164396

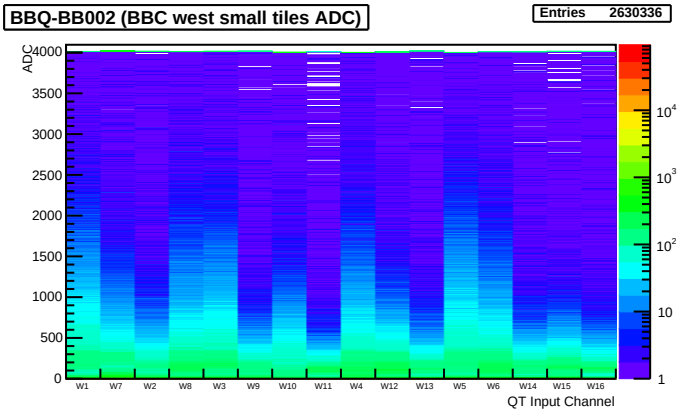

MIX-MT102 Input: VP004 Max TAC
Entries 164396

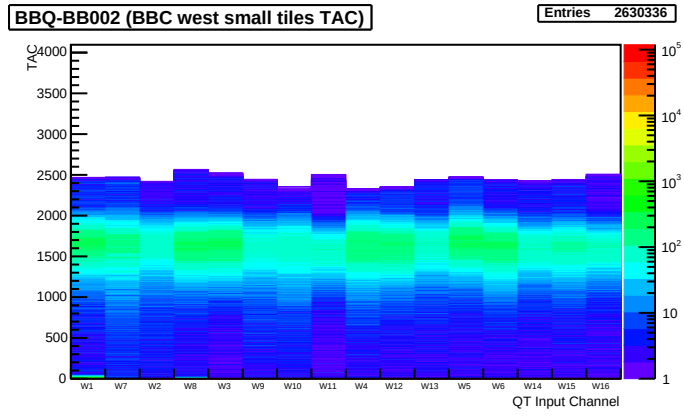

MXQ-PP001
Entries 2630336
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

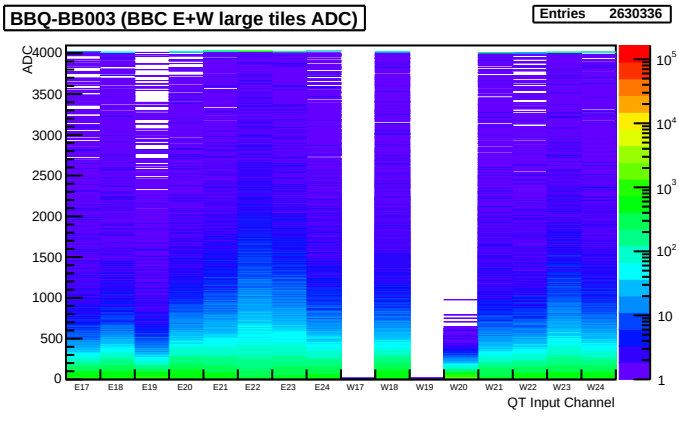

MXQ-PP001
Entries 2630336
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

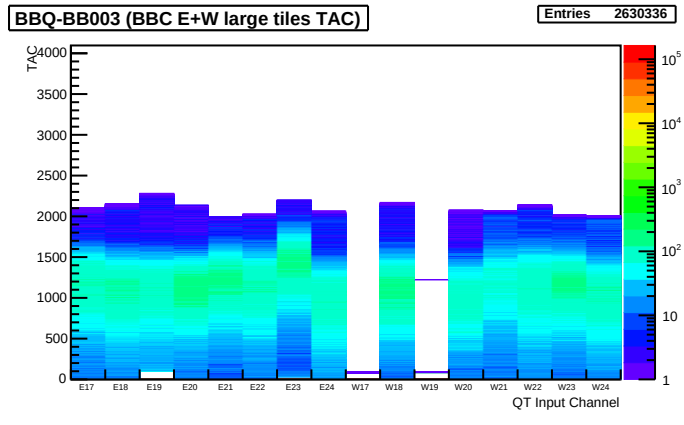

BBQ-BB001 (BBC east small tiles ADC)
Entries 2630336
ADC
QT Input Channel

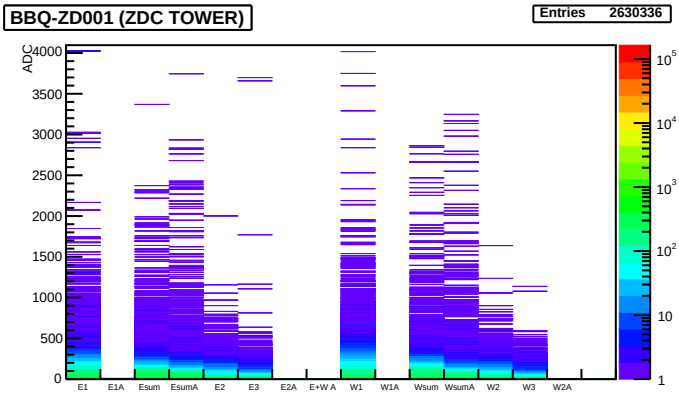

BBQ-BB001 (BBC east small tiles TAC)
Entries 2630336
TAC
QT Input Channel

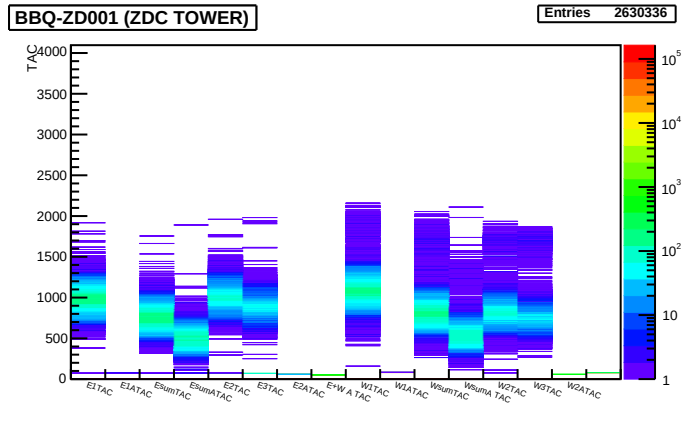

BBQ-BB002 (BBC west small tiles ADC)
Entries 2630336
ADC
QT Input Channel

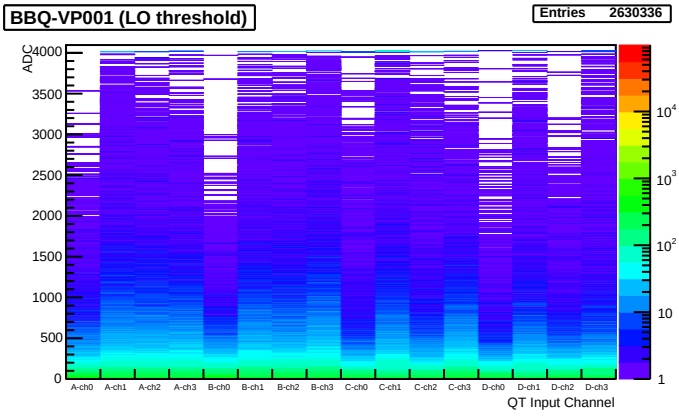

BBQ-BB002 (BBC west small tiles TAC)
Entries 2630336
TAC
QT Input Channel

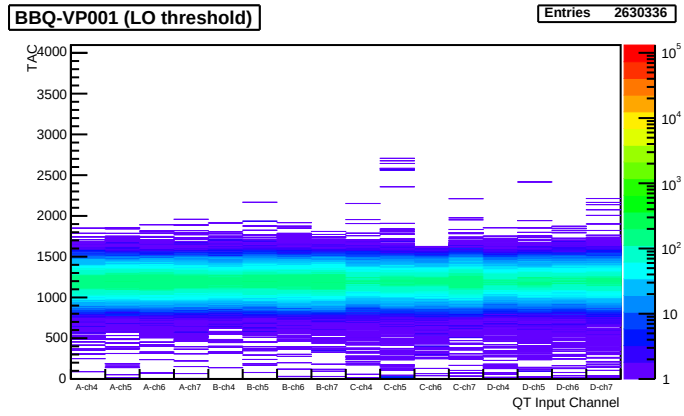

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2630336
ADC
QT Input Channel

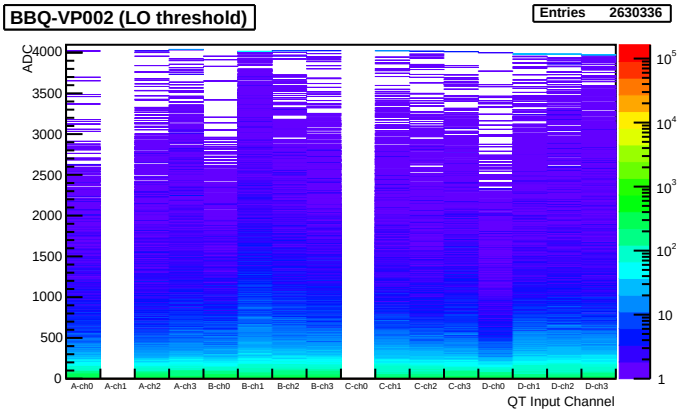

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2630336
TAC
QT Input Channel

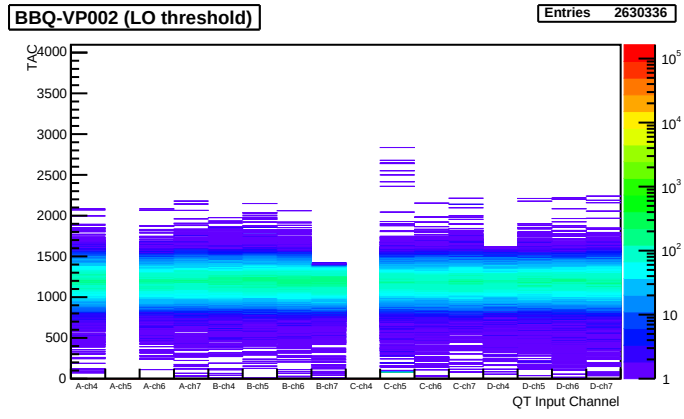

BBQ-ZD001 (ZDC TOWER)
Entries 2630336
ADC

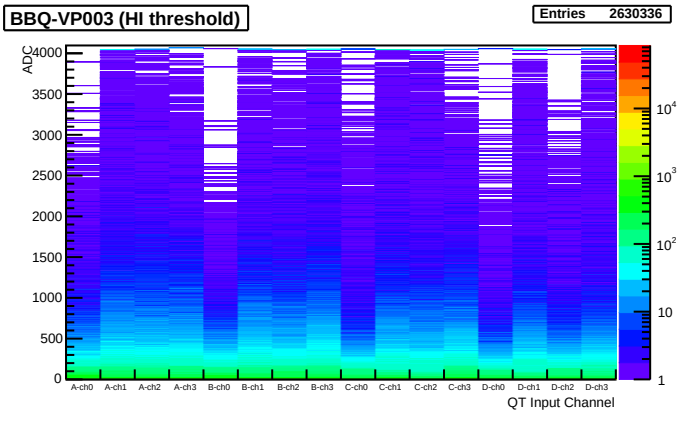

BBQ-ZD001 (ZDC TOWER)
Entries 2630336
TAC

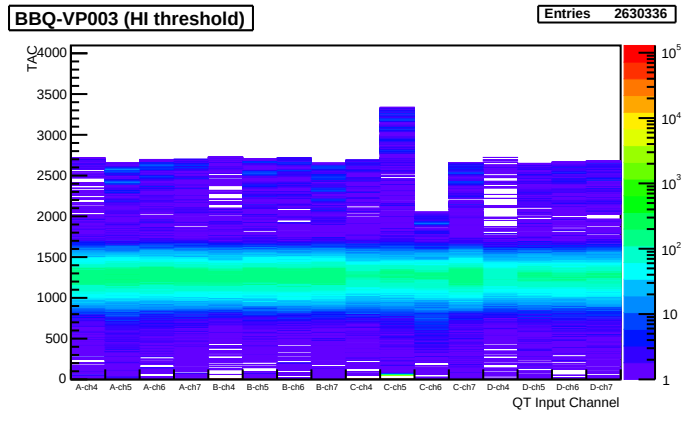

BBQ-VP001 (LO threshold)
Entries 2630336
ADC
QT Input Channel

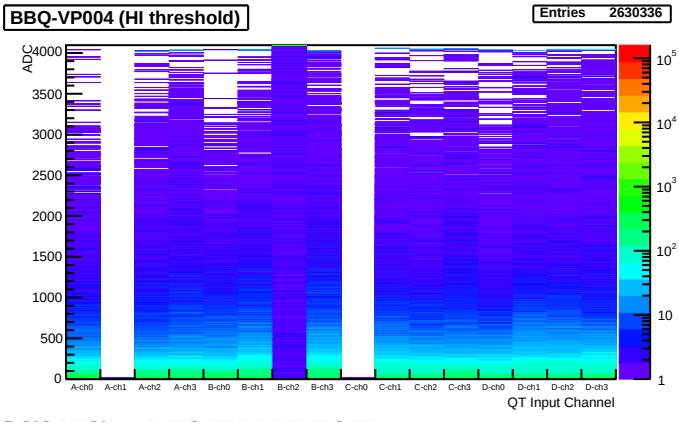

BBQ-VP001 (LO threshold)
Entries 2630336
TAC
QT Input Channel

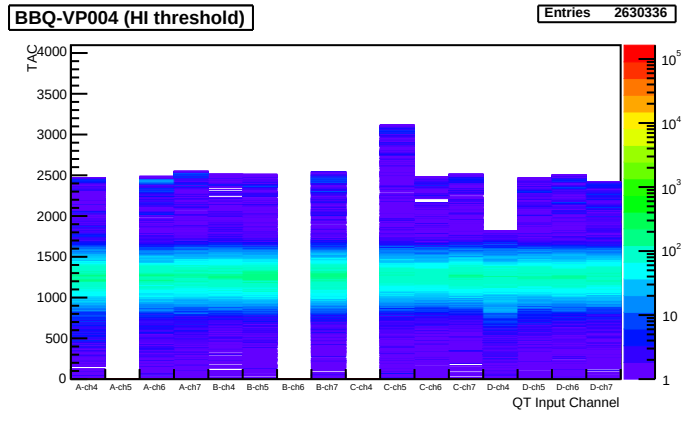

BBQ-VP002 (LO threshold)
Entries 2630336
ADC
QT Input Channel

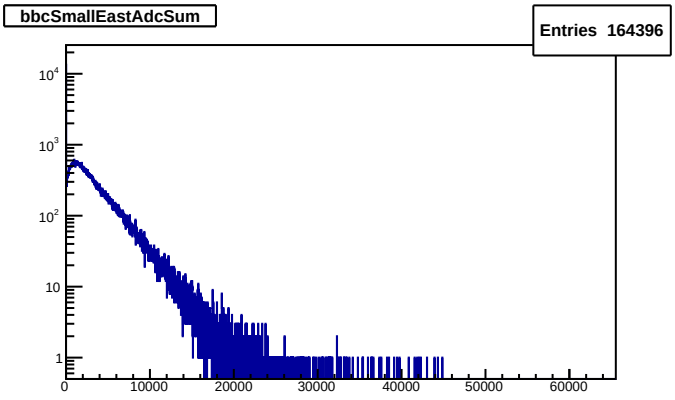

BBQ-VP002 (LO threshold)
Entries 2630336
TAC
QT Input Channel

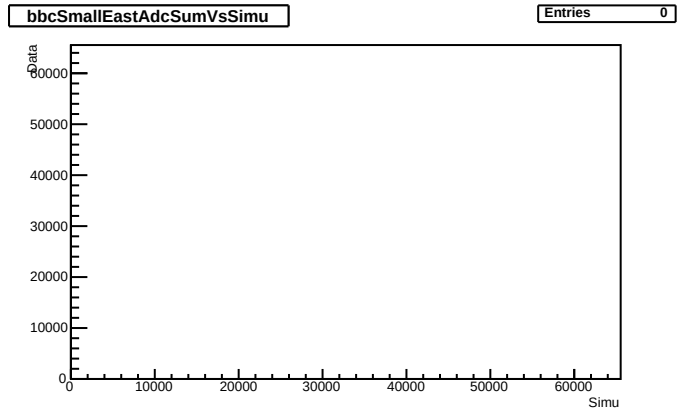

BBQ-VP003 (HI threshold)
Entries 2630336
ADC
QT Input Channel

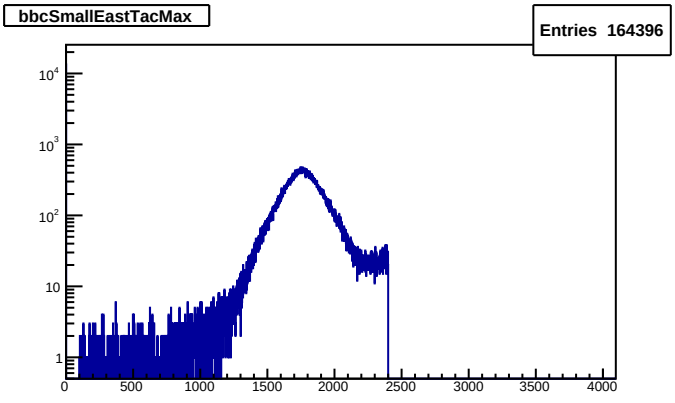

BBQ-VP003 (HI threshold)
Entries 2630336
TAC
QT Input Channel

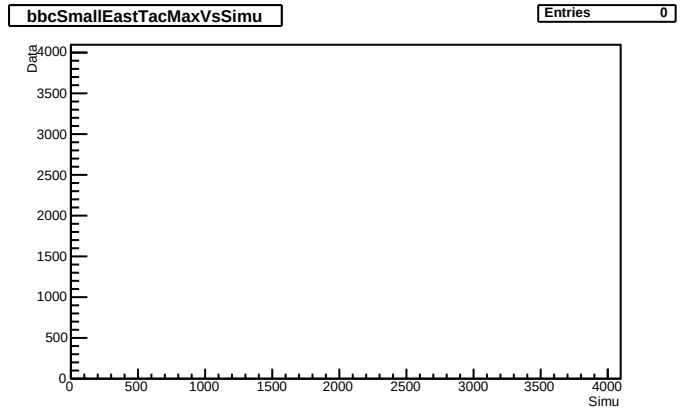

BBQ-VP004 (HI threshold)
Entries 2630336
ADC
QT Input Channel

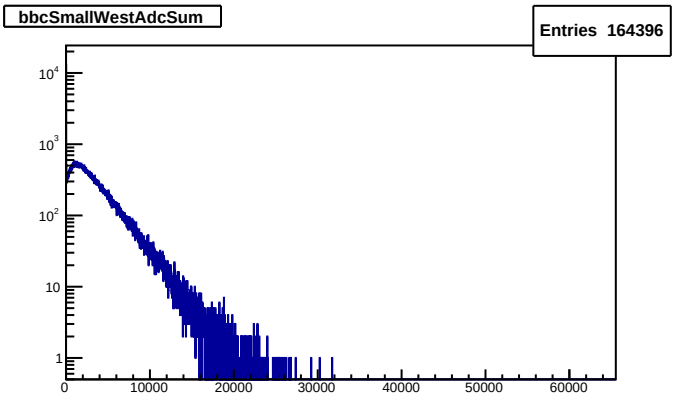

BBQ-VP004 (HI threshold)
Entries 2630336
TAC
QT Input Channel

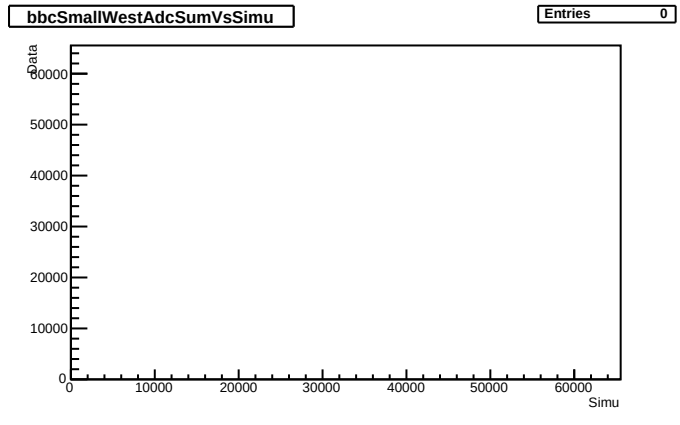

bbcSmallEastAdcSum
Entries 164396

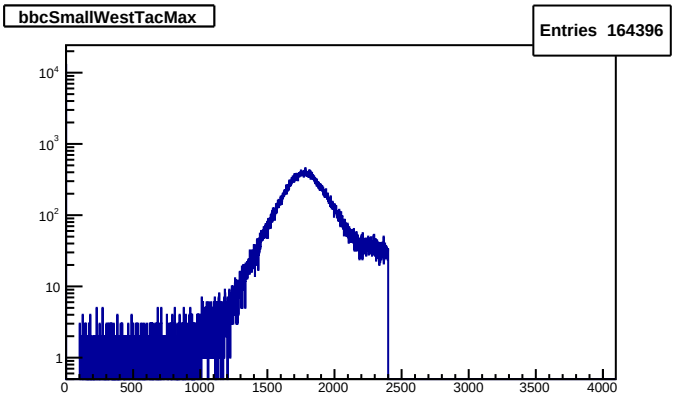

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

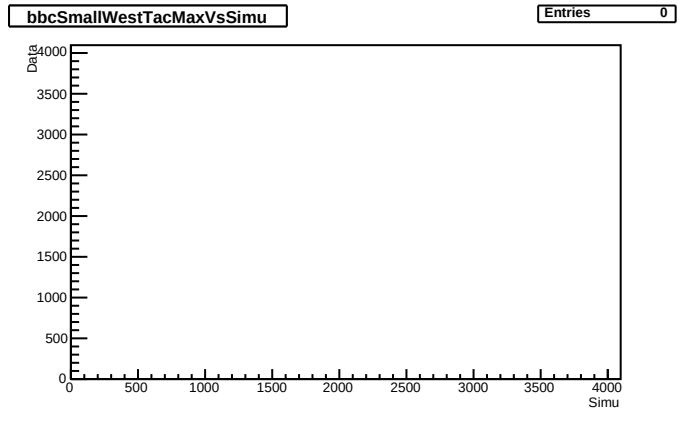

bbcSmallEastTacMax
Entries 164396

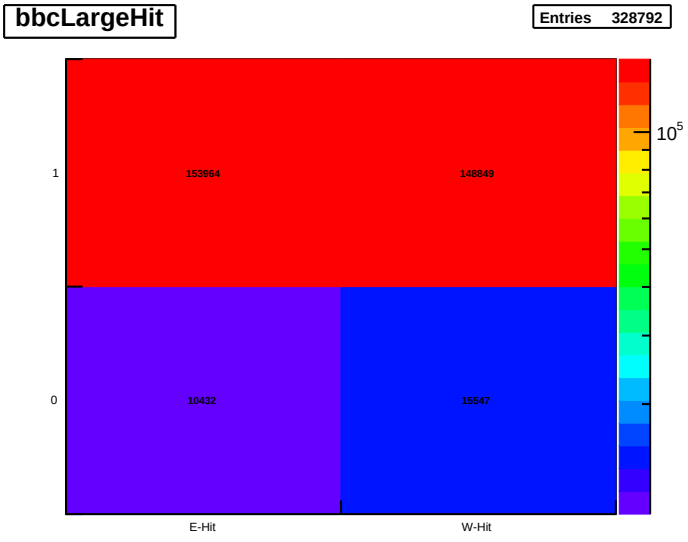

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

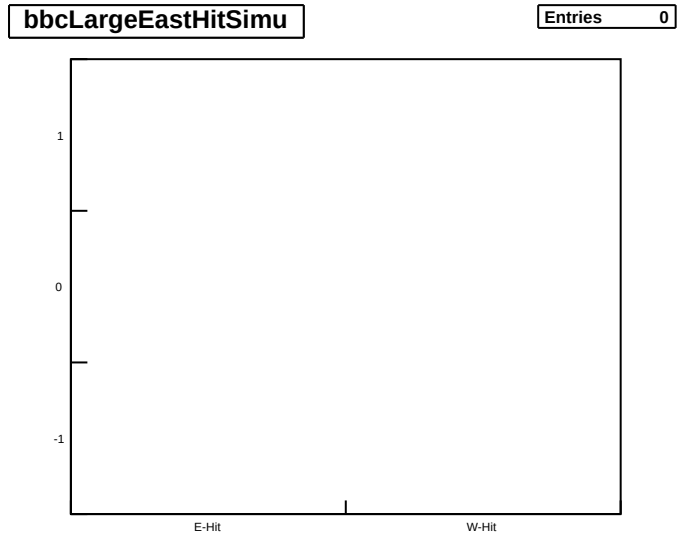

bbcSmallWestAdcSum
Entries 164396

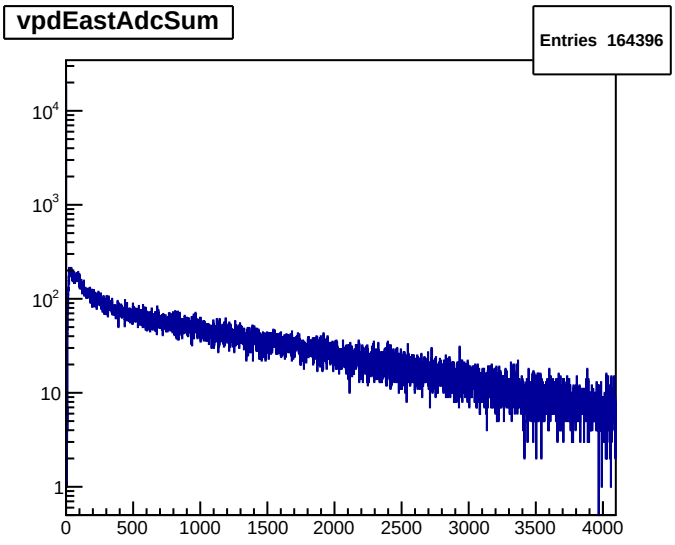

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

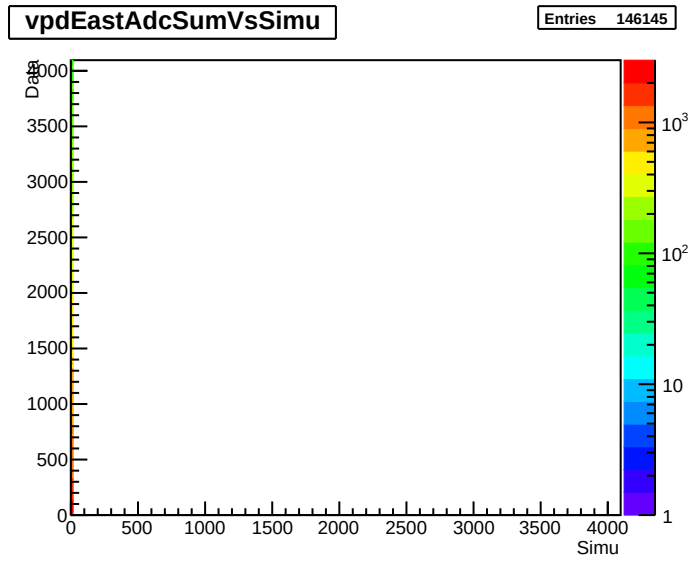

bbcSmallWestTacMax
Entries 164396

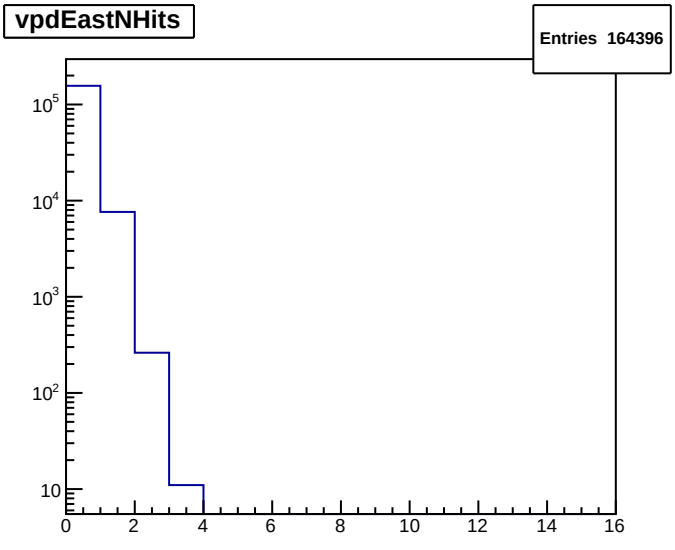

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

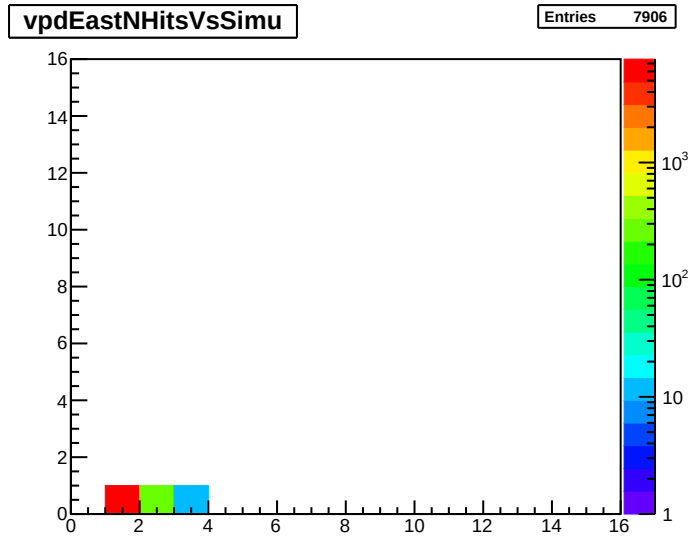

bbcLargeHit
Entries 328792
153964
148849
10432
15547
1
0
E-Hit
W-Hit
10^5

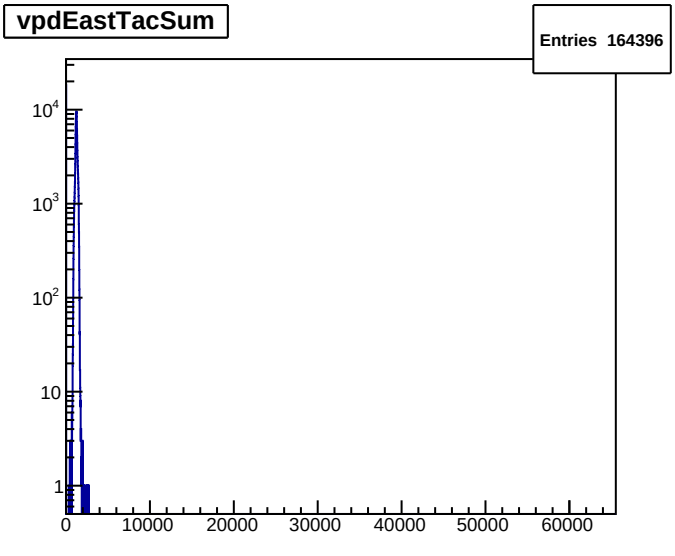

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

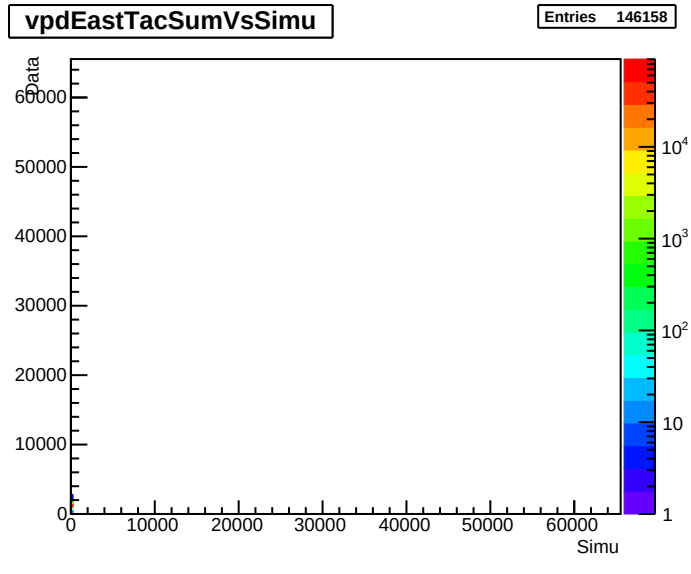

vpdEastAdcSum
Entries 164396

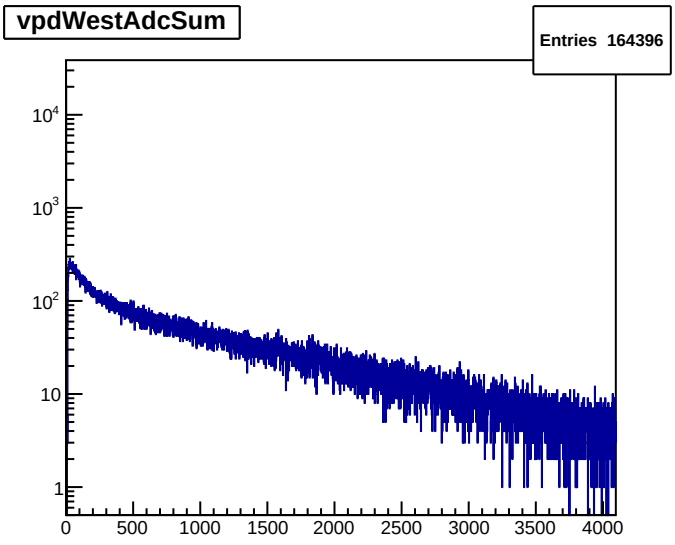

vpdEastAdcSumVsSimu
Entries 146145
Data
Simu

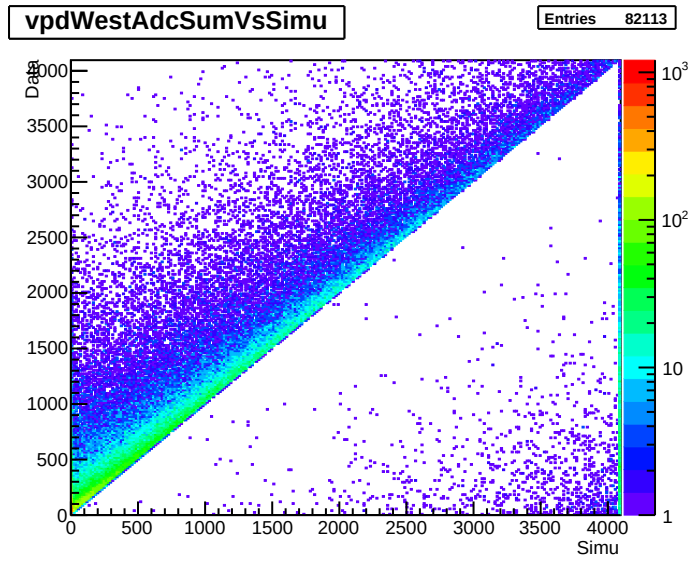

vpdEastNHits
Entries 164396

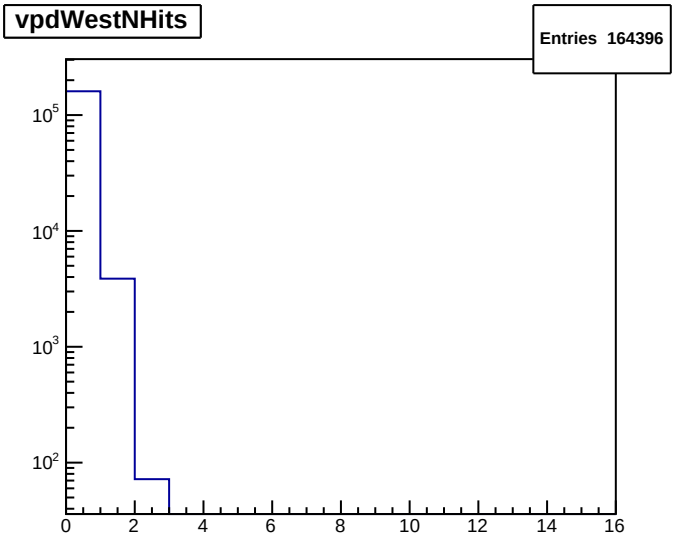

vpdEastNHitsVsSimu
Entries 7906

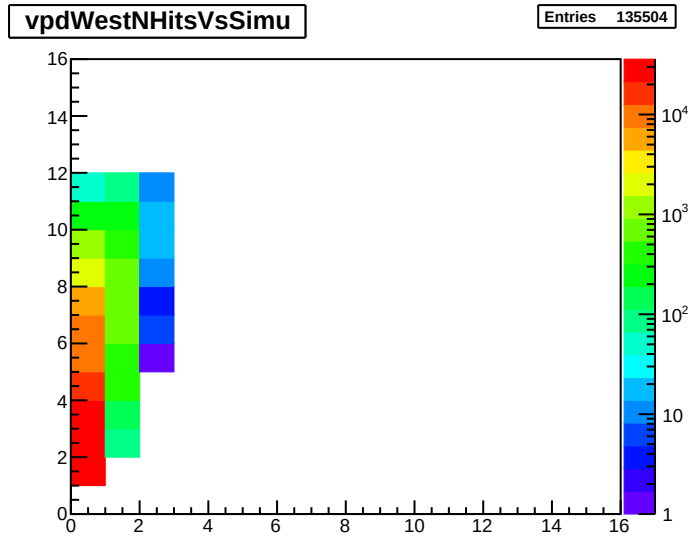

vpdEastTacSum
Entries 164396

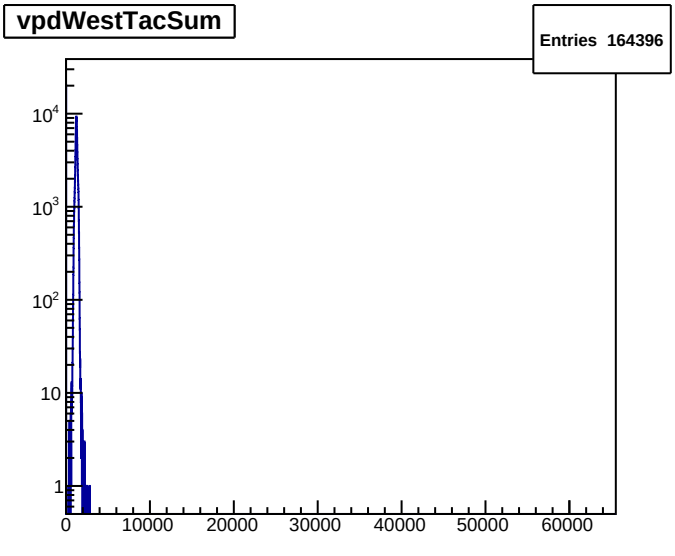

vpdEastTacSumVsSimu
Entries 146158
Data
Simu

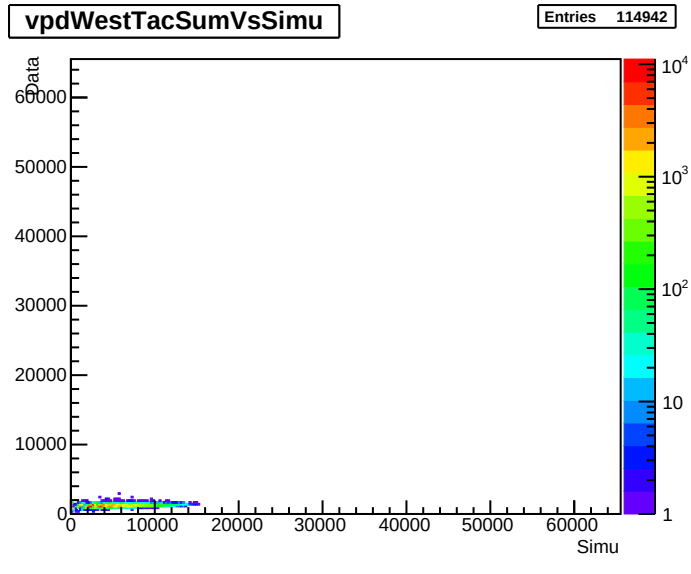

vpdWestAdcSum
Entries 164396

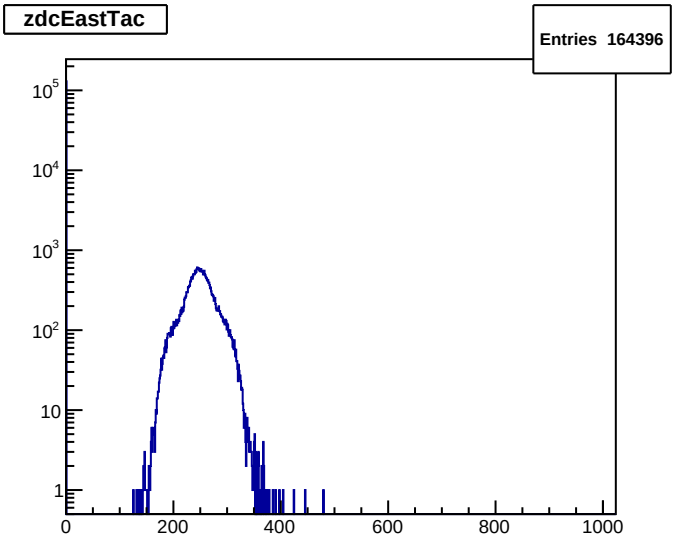

vpdWestAdcSumVsSimu
Entries 82113
Data
Simu

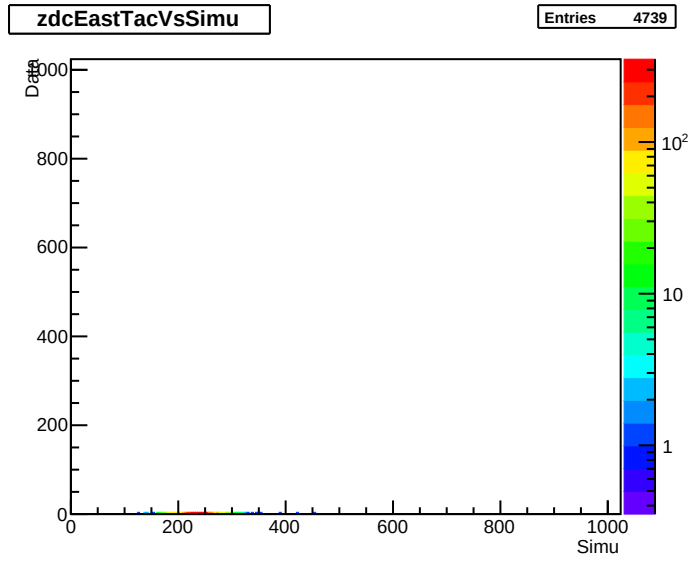

vpdWestNHits
Entries 164396

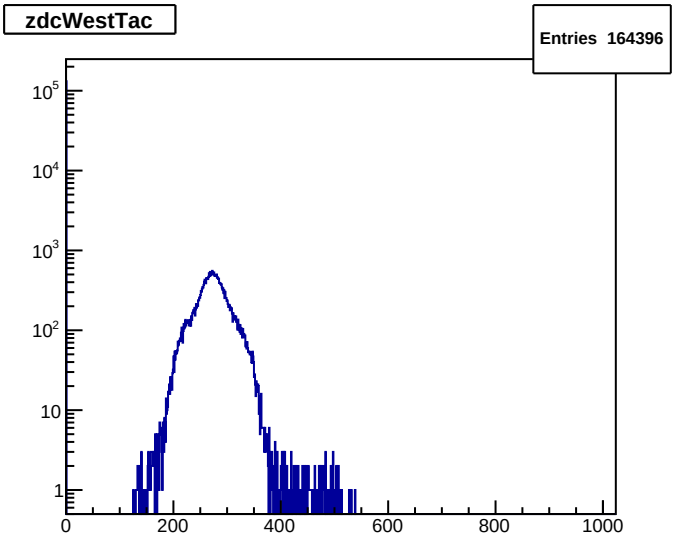

vpdWestNHitsVsSimu
Entries 135504

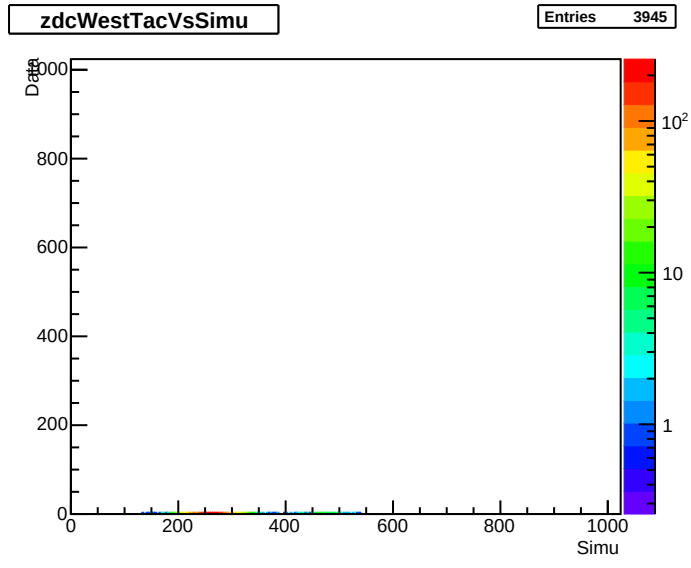

vpdWestTacSum
Entries 164396

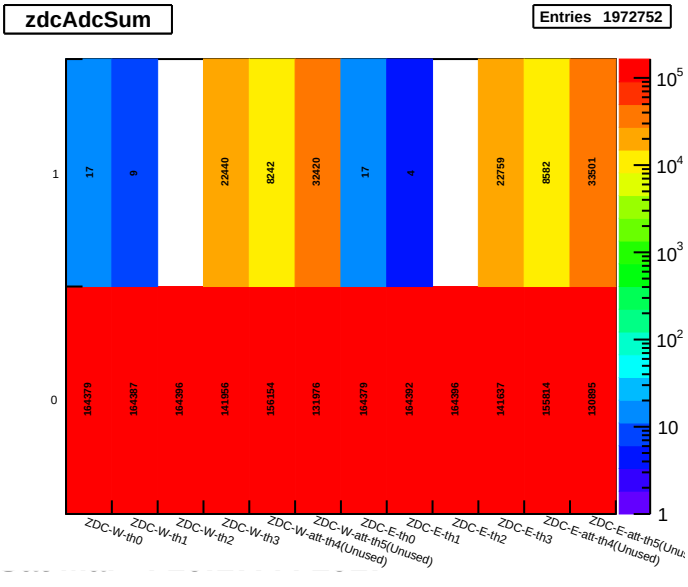

vpdWestTacSumVsSimu
Entries 114942
Data
Simu

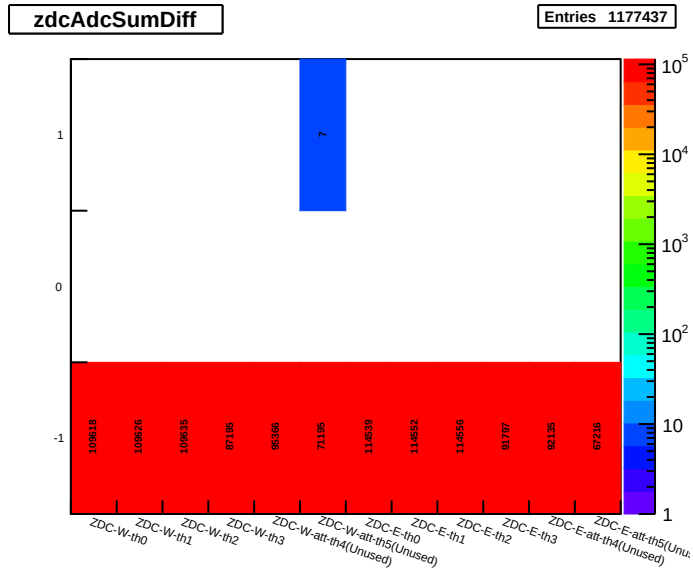

zdcEastTac
Entries 164396

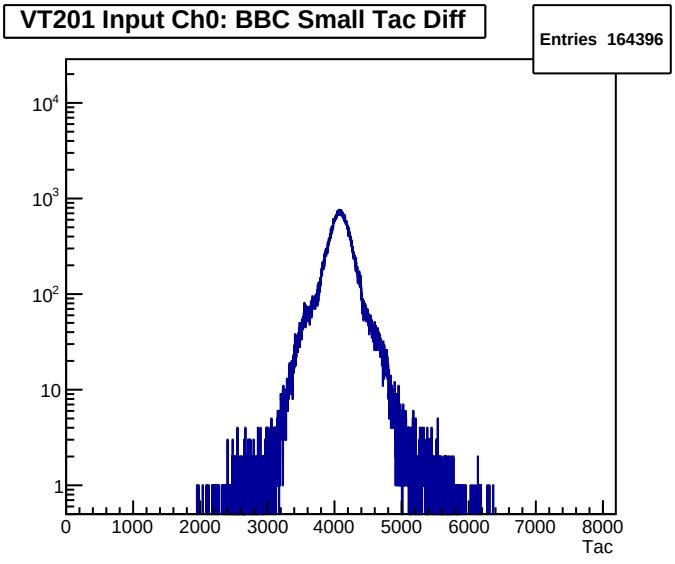

zdcEastTacVsSimu
Entries 4739
Data
Simu

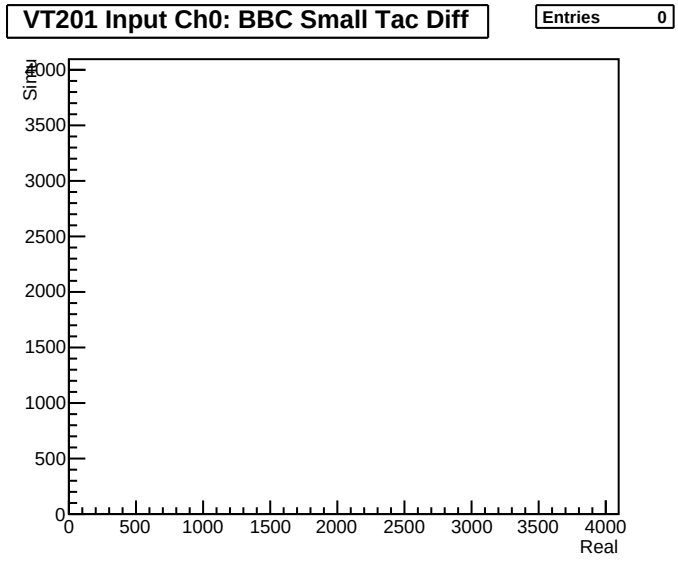

zdcWestTac
Entries 164396

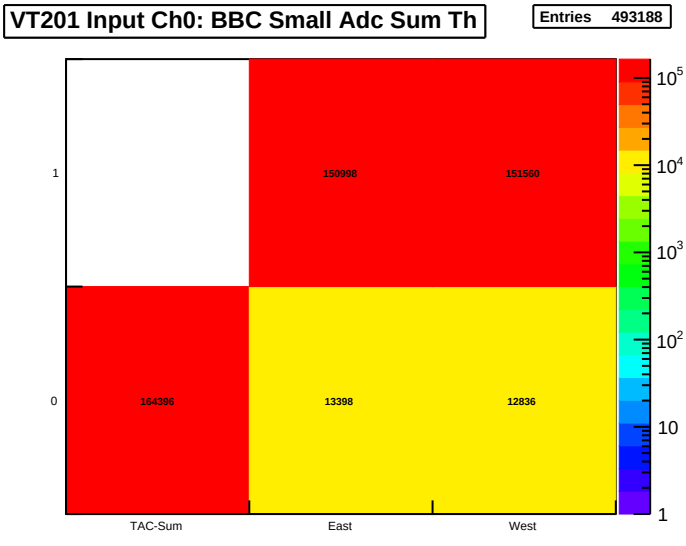

zdcWestTacVsSimu
Entries 3945
Data
Simu

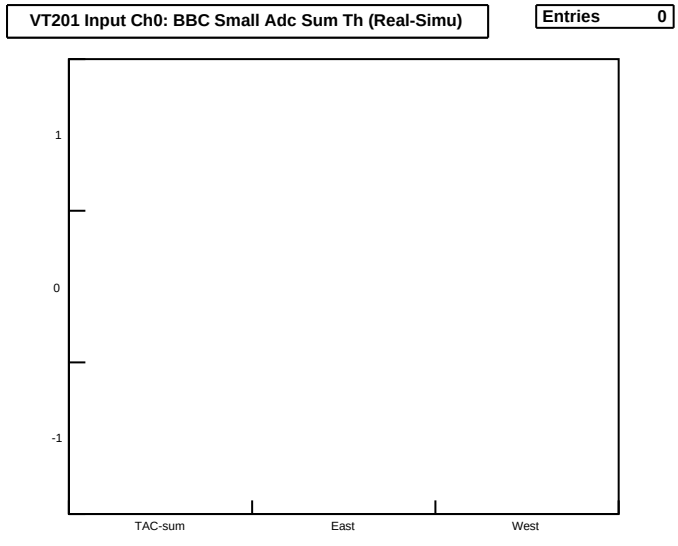

zdcAdcSum
Entries 1972752
17
9
22440
8242
32420
17
4
22759
8582
33501
164379
164387
164396
141956
156154
131976
164379
164392
164396
141637
155814
130895
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

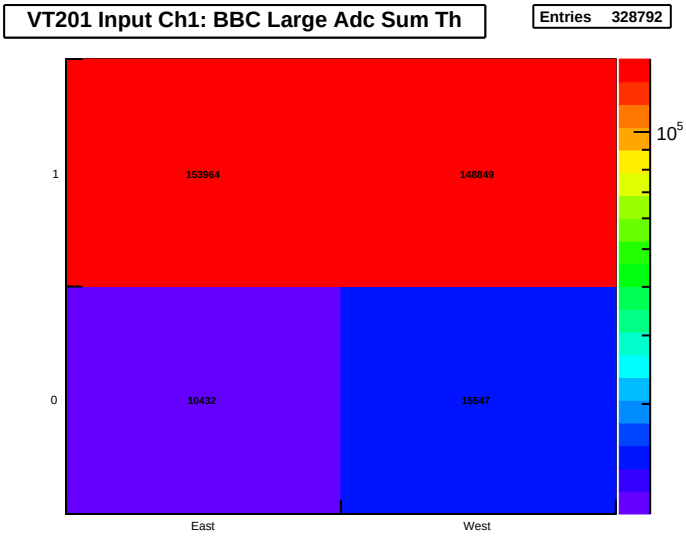

zdcAdcSumDiff
Entries 1177437
7
109618
109626
109635
87195
95366
71195
114539
114652
114556
91797
92135
67216
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

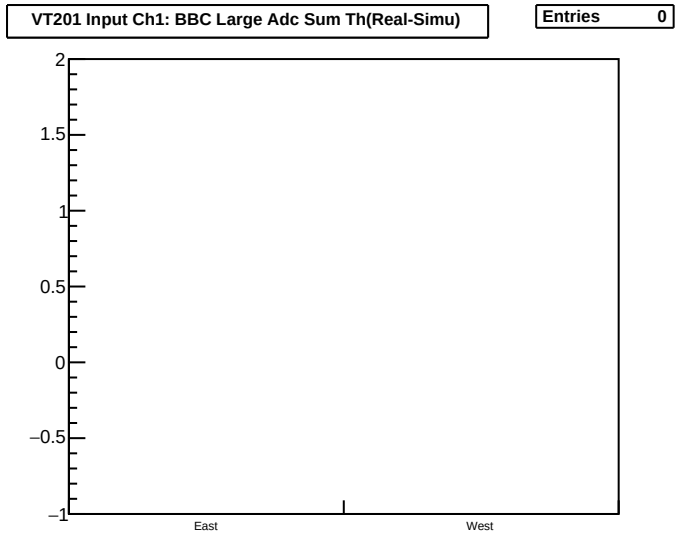

VT201 Input Ch0: BBC Small Tac Diff
Entries 164396
Tac


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

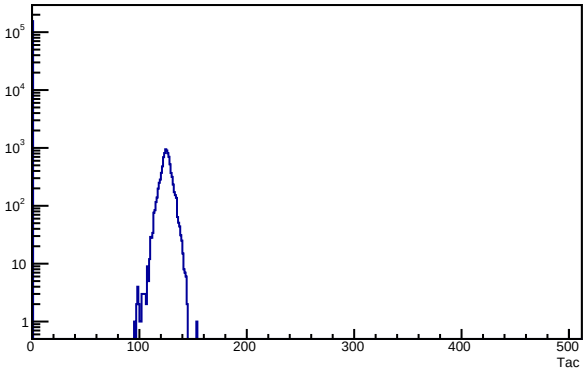

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 493188
150998
151560
164396
13398
12836
TAC-Sum
East
West


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

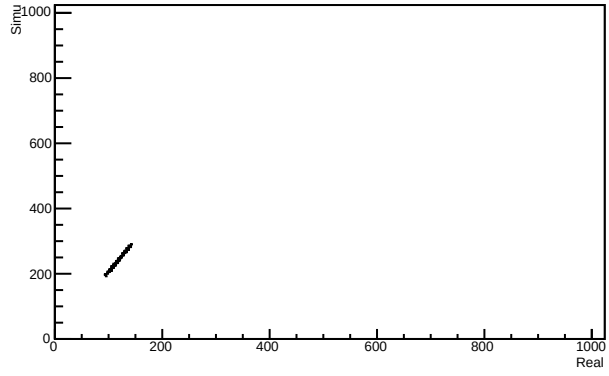

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 328792
153964
148849
10432
15547
East
West


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

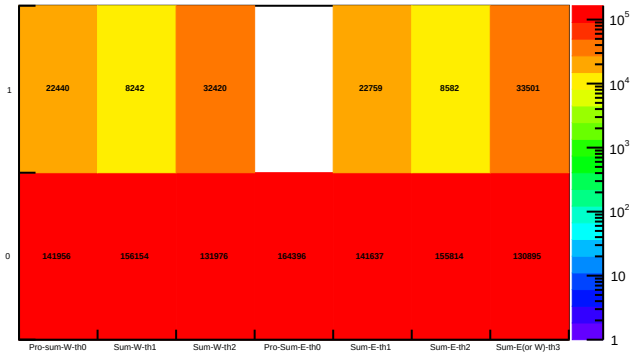
VT201 Input Ch2: ZDC Tac Diff



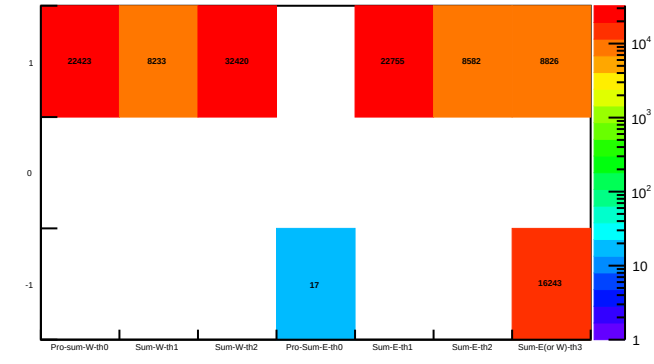
VT201 Input Ch2: ZDC Tac Diff



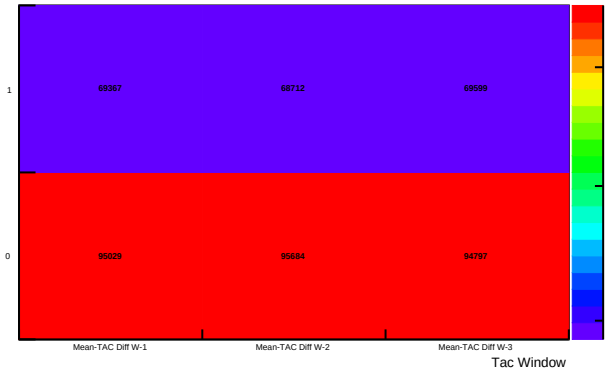
VT201 Input Ch2: ZDC Adc Sum Th



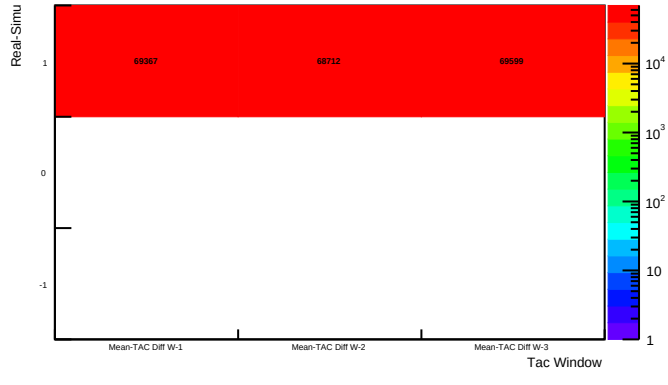
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



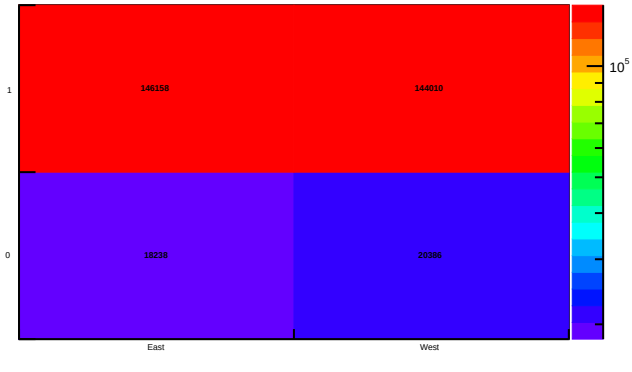
VT201 Input Ch4: VPD Tac Diff



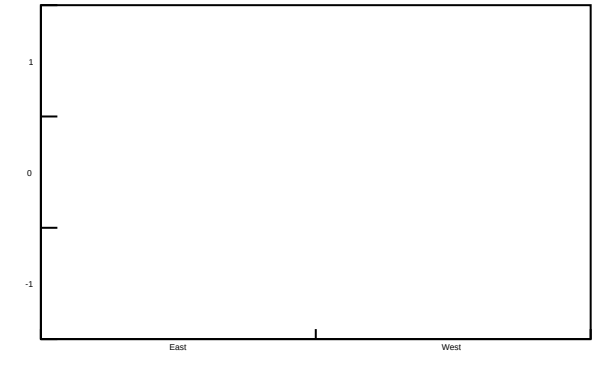
VT201 Input Ch4: VPD Tac Diff

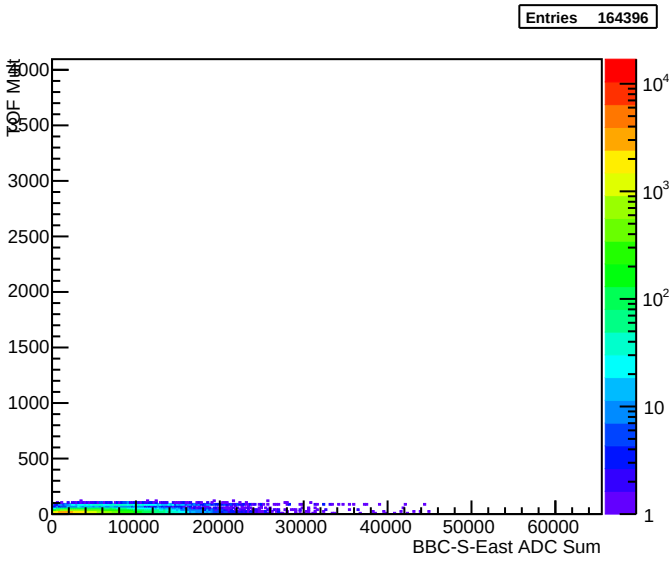


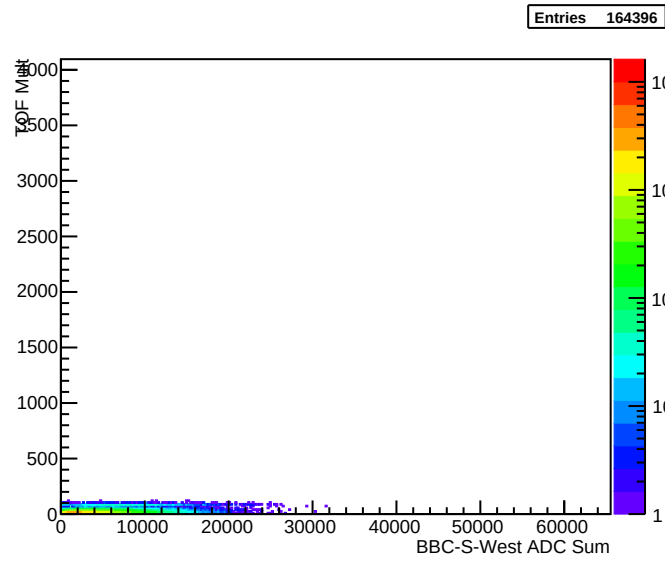
VT201 Input Ch4: VPD Adc Sum Th

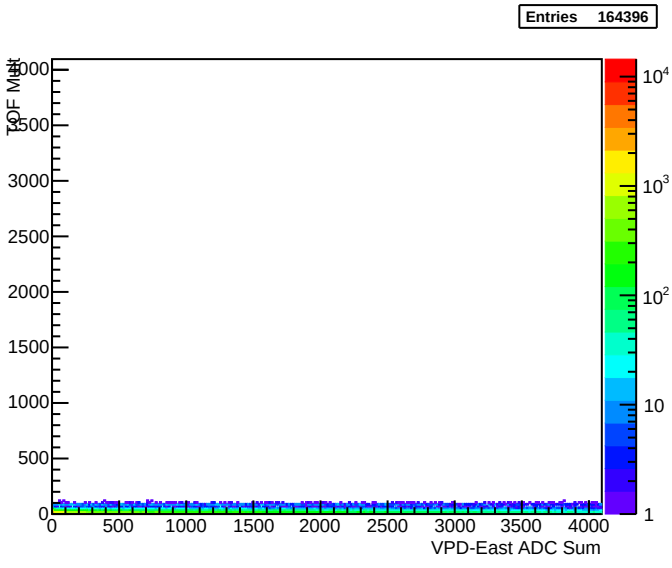


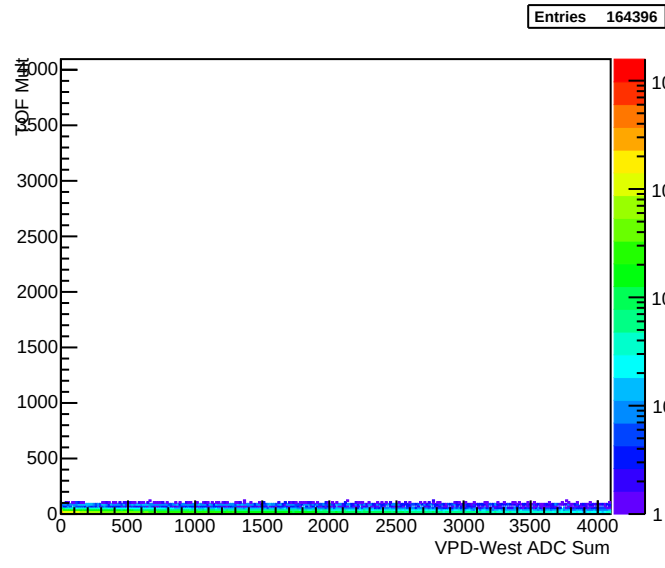
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

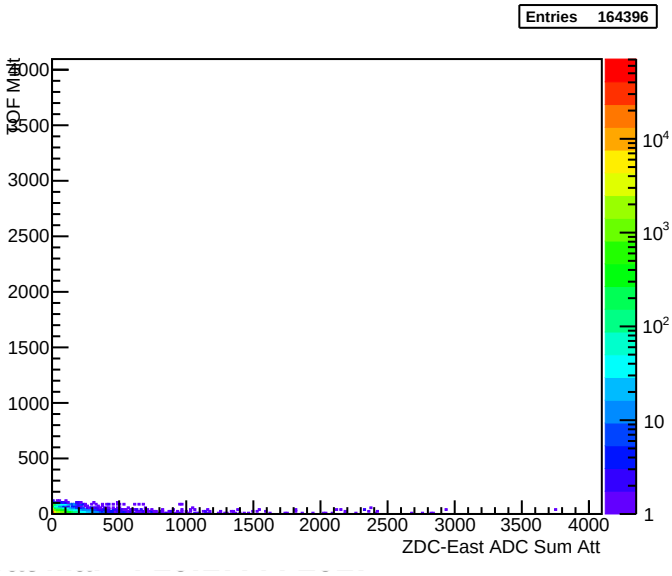


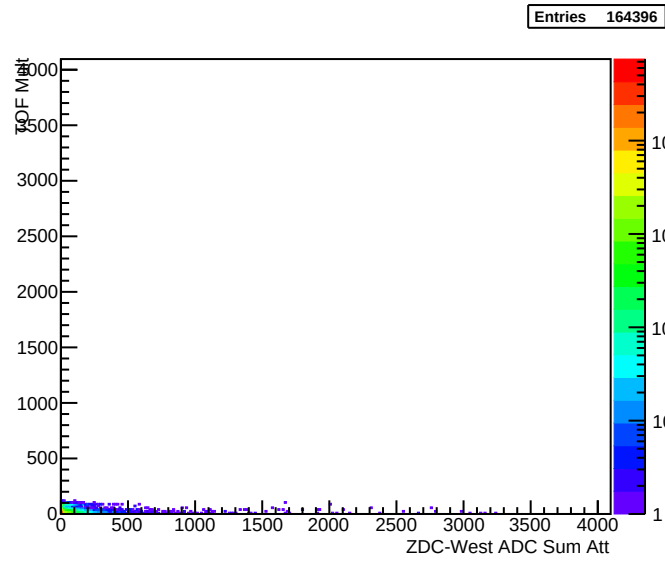

Entries 164396
TOF Mult
BBC-S-East ADC Sum

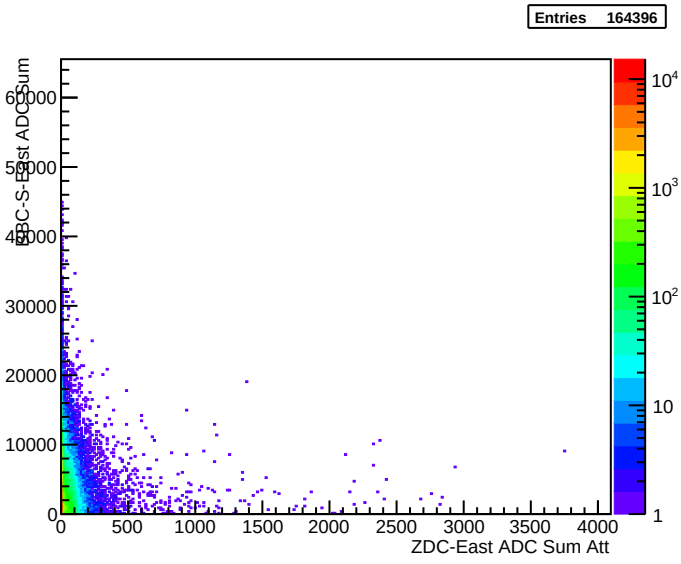

Entries 164396
TOF Mult
BBC-S-West ADC Sum

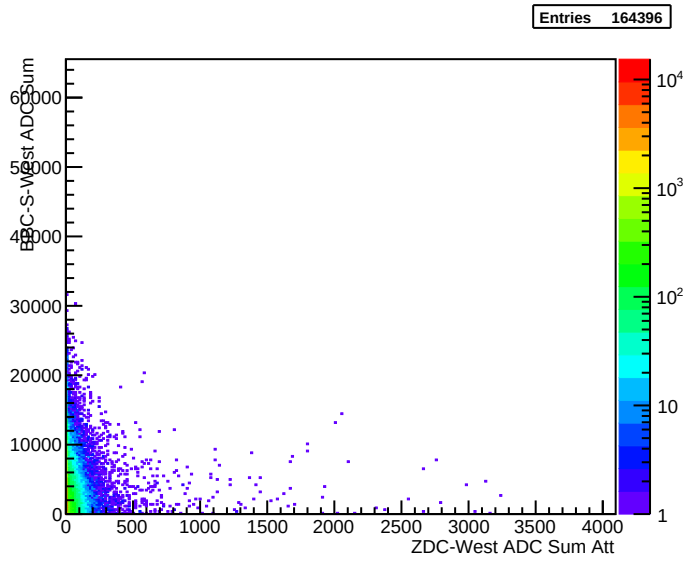

Entries 164396
TOF Mult
VPD-East ADC Sum

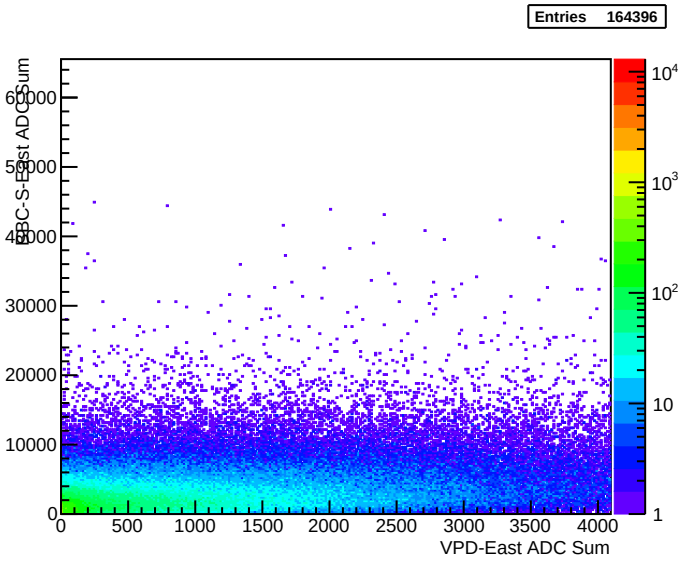

Entries 164396
TOF Mult
VPD-West ADC Sum

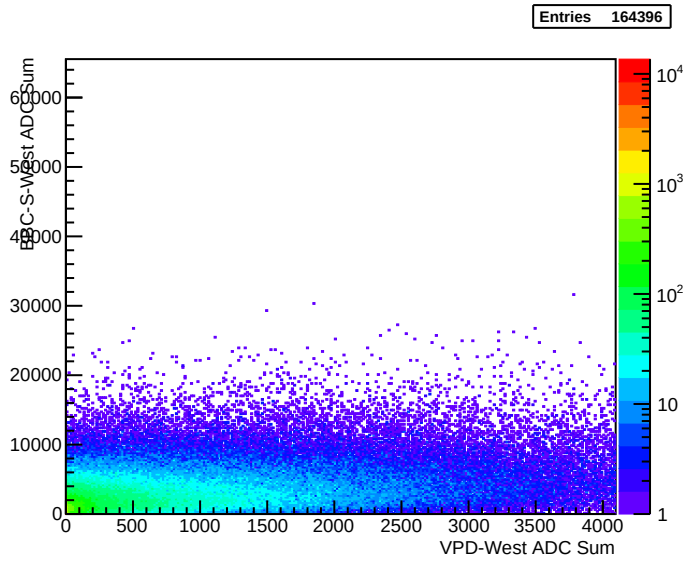

Entries 164396
TOF Mult
ZDC-East ADC Sum Att

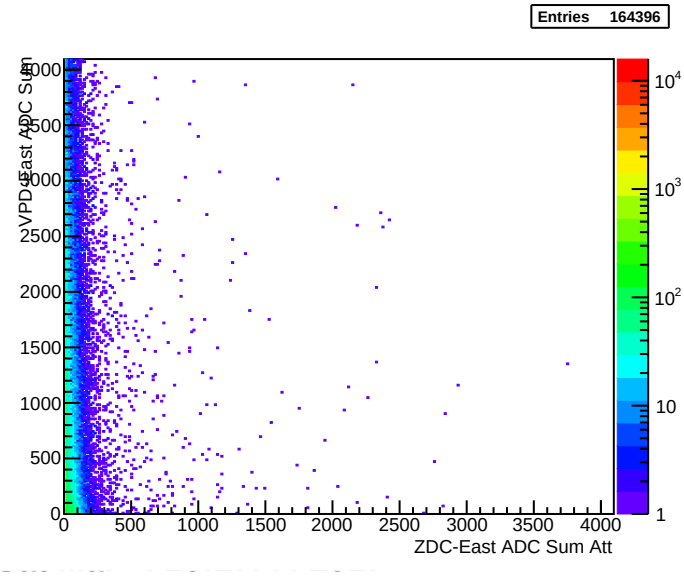

Entries 164396
TOF Mult
ZDC-West ADC Sum Att

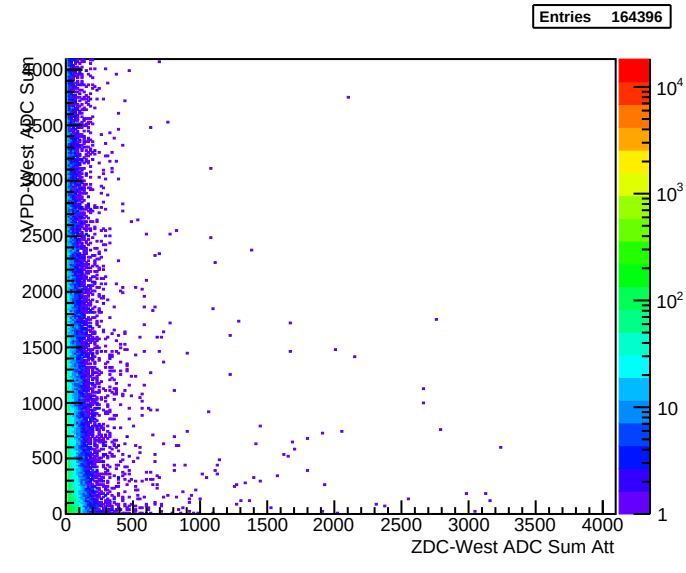

Entries 164396
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

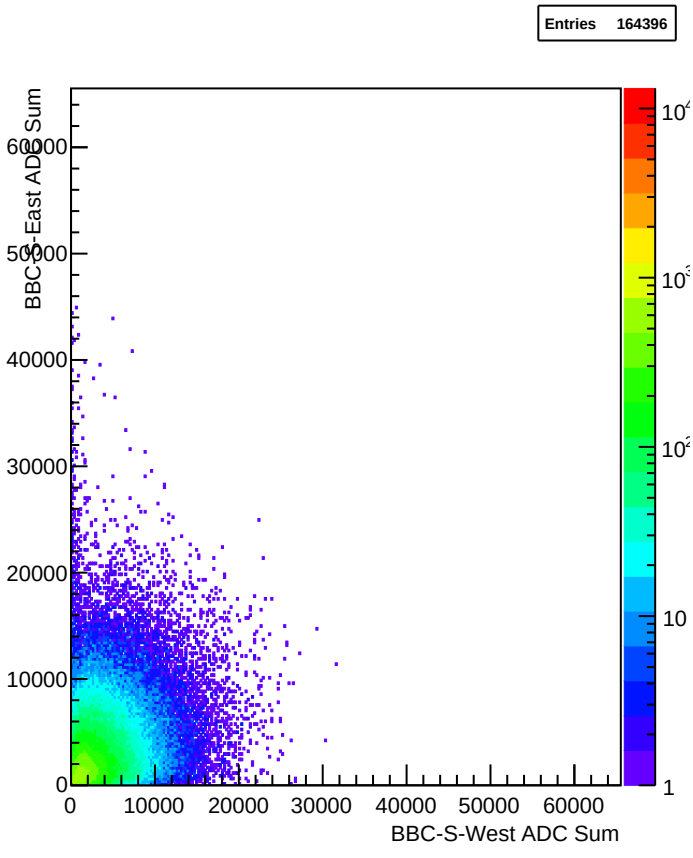

Entries 164396
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

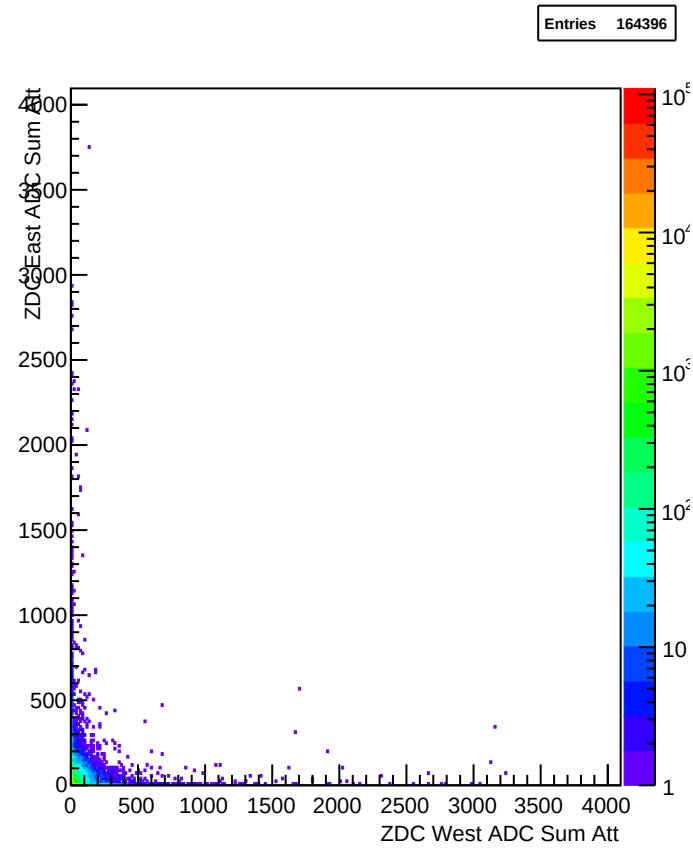

Entries 164396
BBC-S-East ADC Sum
VPD-East ADC Sum

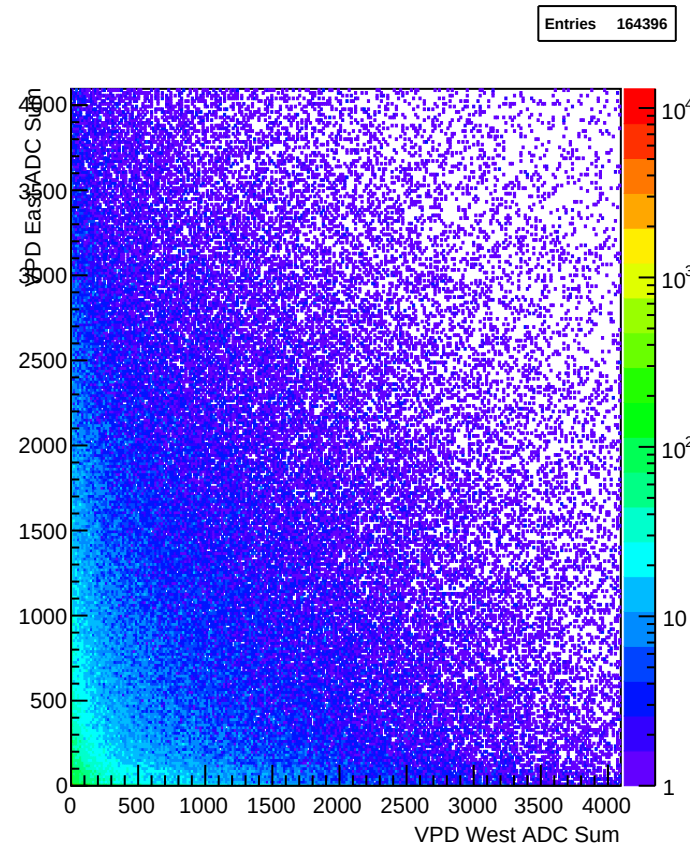

Entries 164396
BBC-S-West ADC Sum
VPD-West ADC Sum

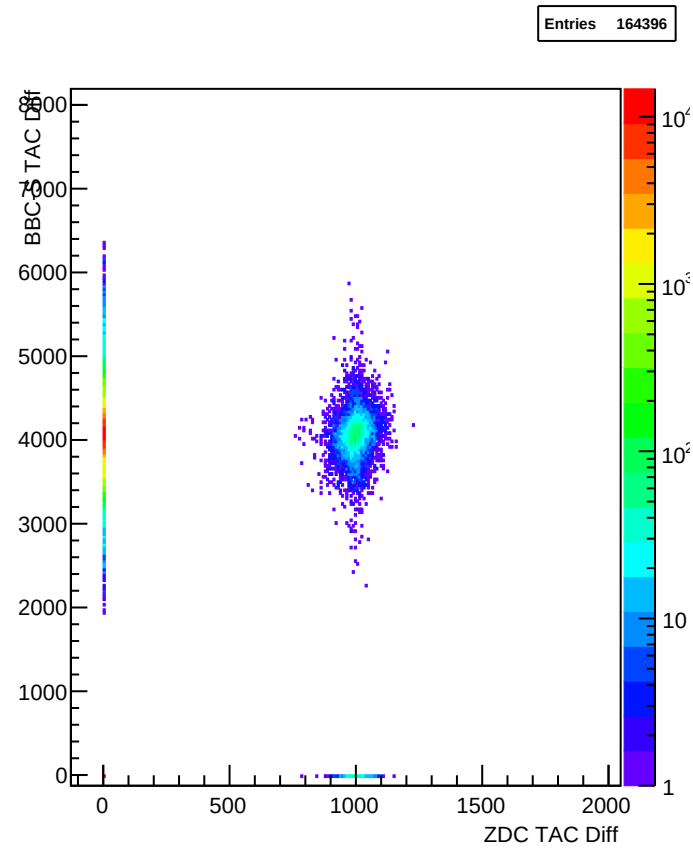

Entries 164396
VPD-East ADC Sum
ZDC-East ADC Sum Att

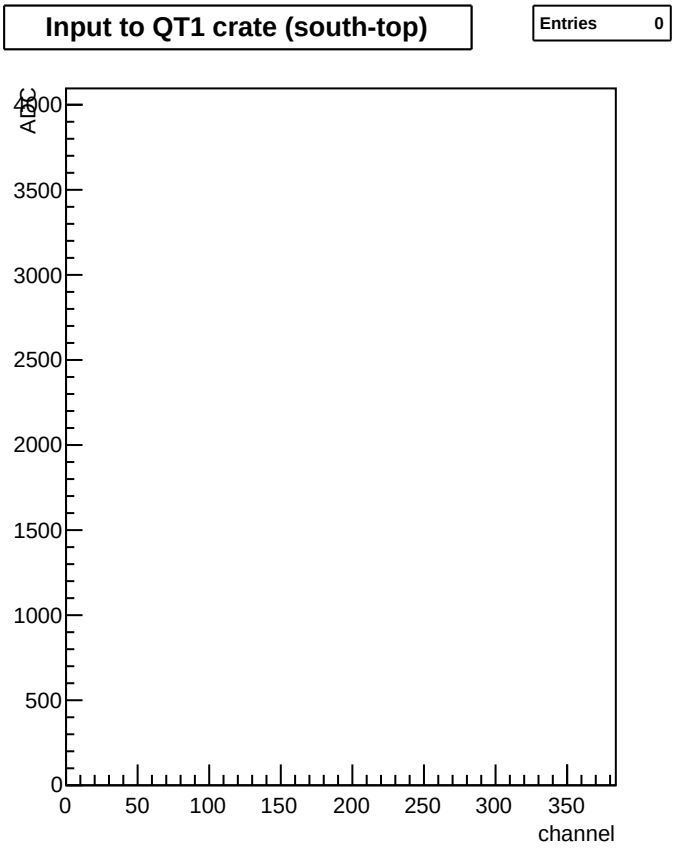

Entries 164396
VPD-West ADC Sum
ZDC-West ADC Sum Att

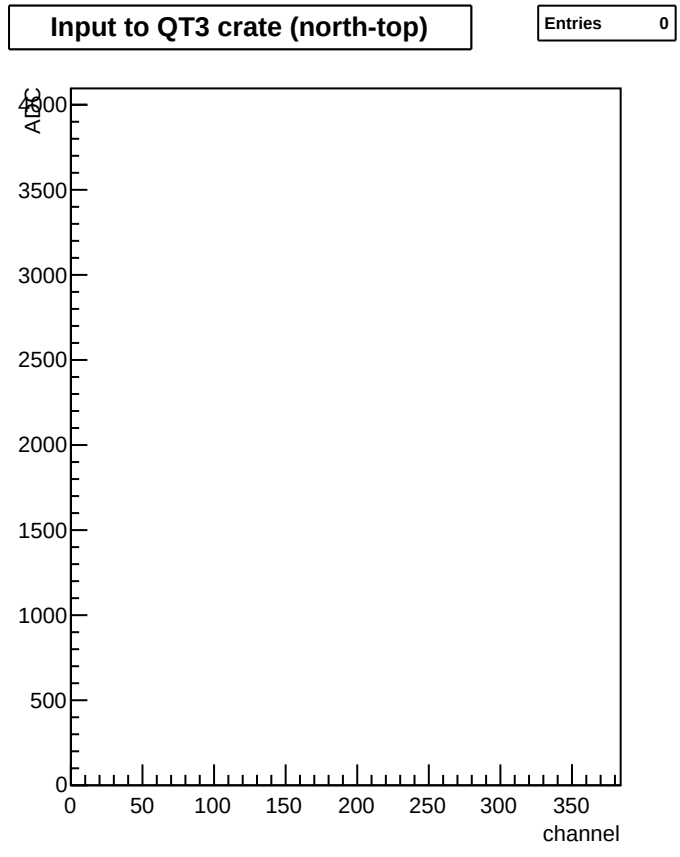

Entries 164396
BBC-S-East ADC Sum
BBC-S-West ADC Sum

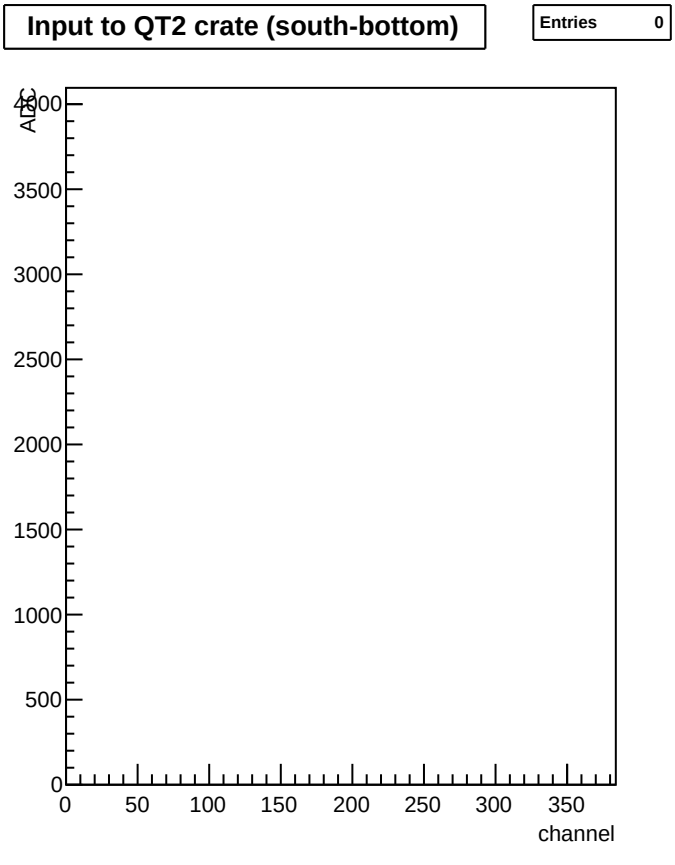

Entries 164396
ZDC East ADC Sum Att
ZDC West ADC Sum Att

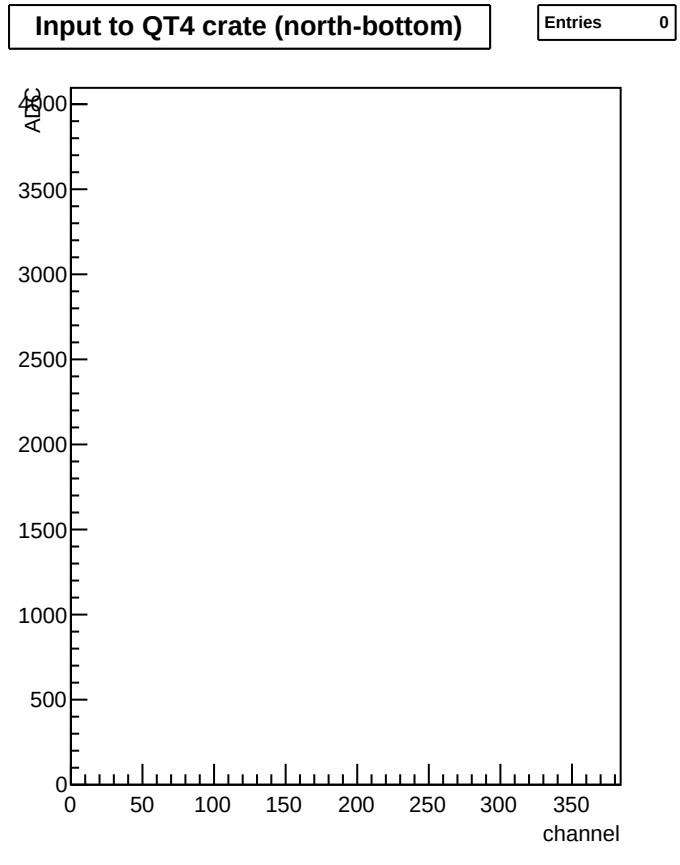

Entries 164396
VPD East ADC Sum
VPD West ADC Sum

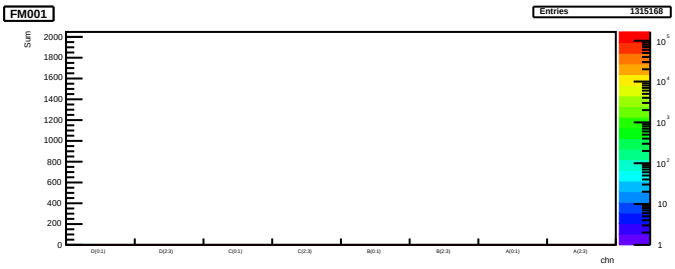

Entries 164396
BBC-S TAC Diff
ZDC TAC Diff

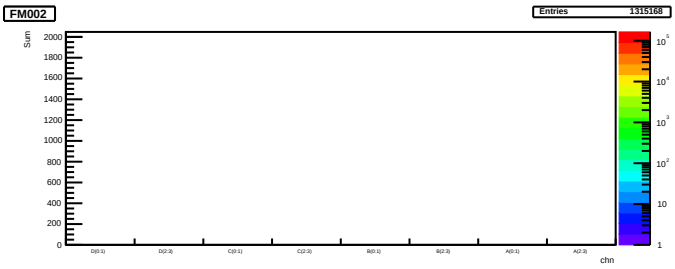

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

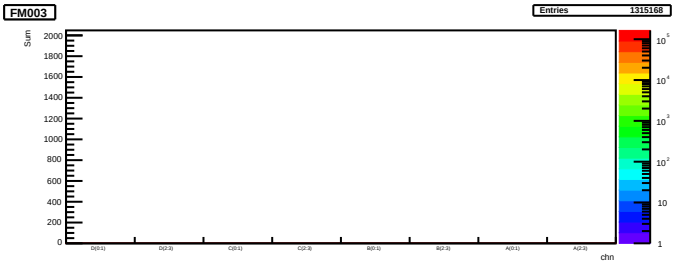

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

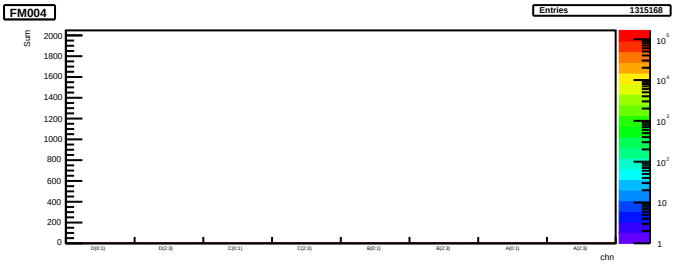

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

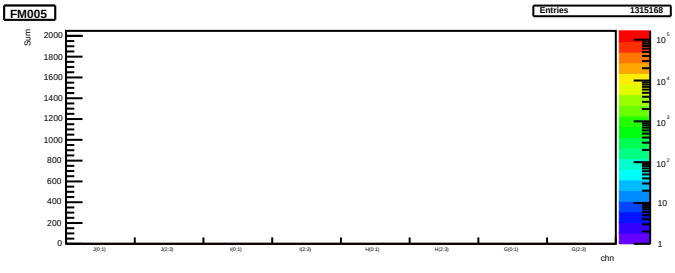

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

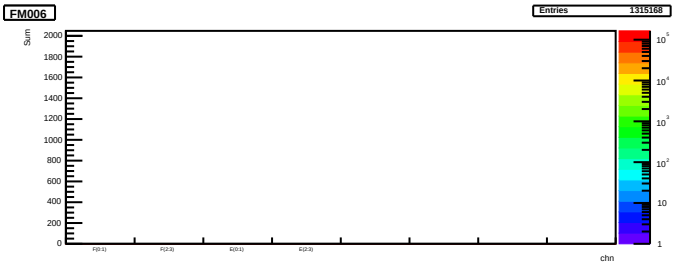

FM001
Entries 1315168
Sum
chn

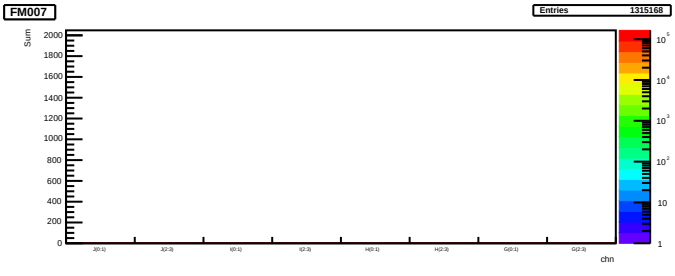

FM002
Entries 1315168
Sum
chn

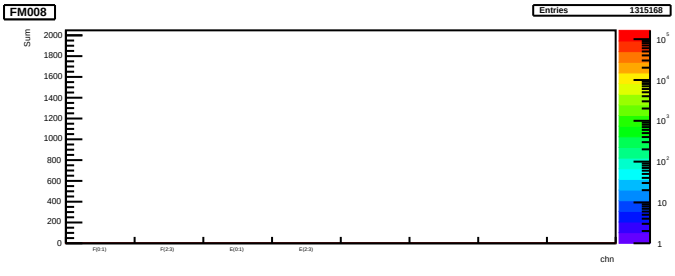

FM003
Entries 1315168
Sum
chn

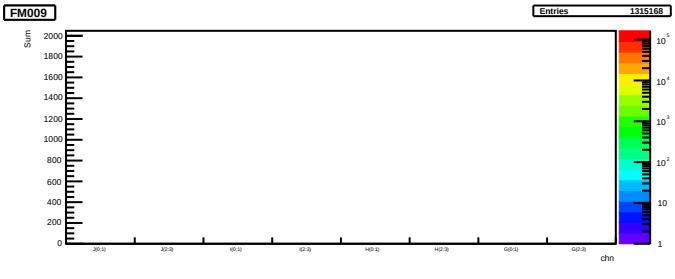

FM004
Entries 1315168
Sum
chn

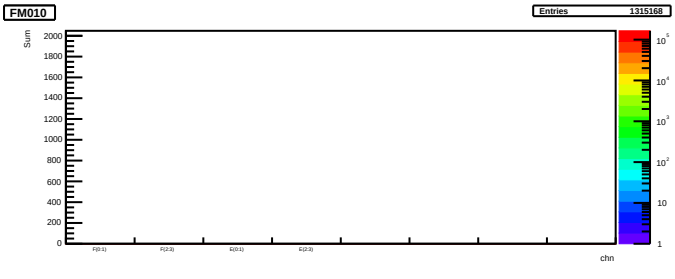

FM005
Entries 1315168
Sum
chn

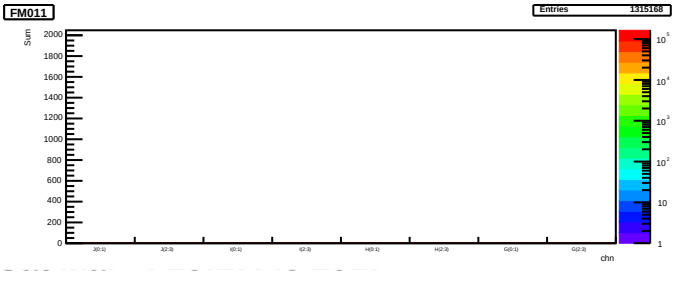

FM006
Entries 1315168
Sum
chn

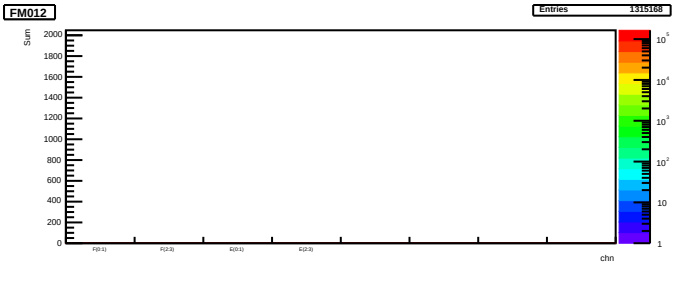

FM007
Entries 1315168
Sum
chn


FM008
Entries 1315168
Sum
chn


FM009
Entries 1315168
Sum
chn


FM010
Entries 1315168
Sum
chn


FM011
Entries 1315168
Sum
chn


FM012
Entries 1315168
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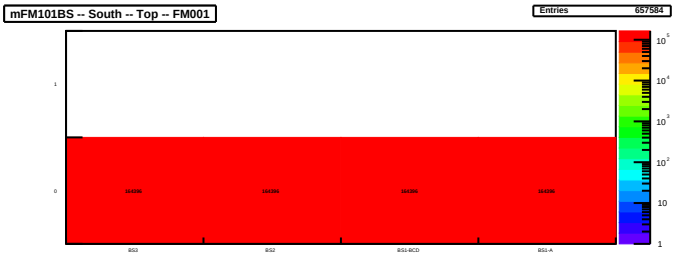
mFM101BS -- South -- Top -- FM001
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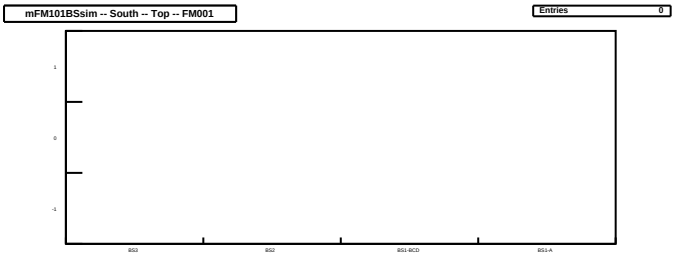
BS3
BS2
BS1-BCD
BS1-A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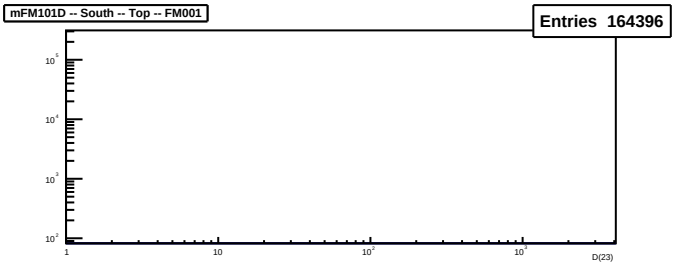
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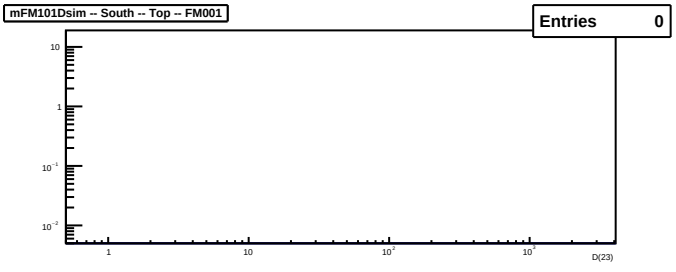
D(23)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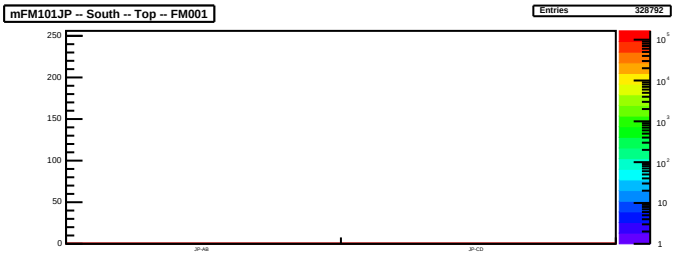
mFM101JP -- South -- Top -- FM001
Entries 328792
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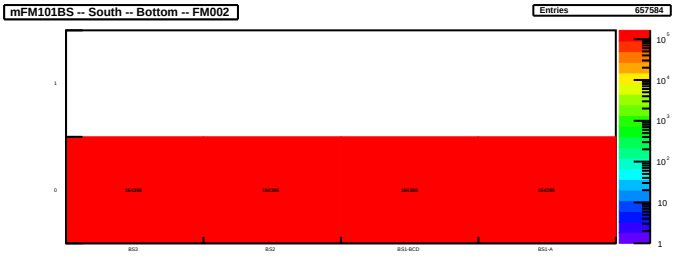
JP-CD

mFM101JPsim -- South -- Top -- FM001
Entries 0
JP-AB
JP-CD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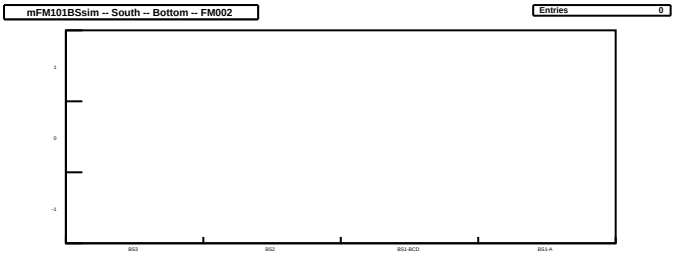
BS1-BCD
BS1-A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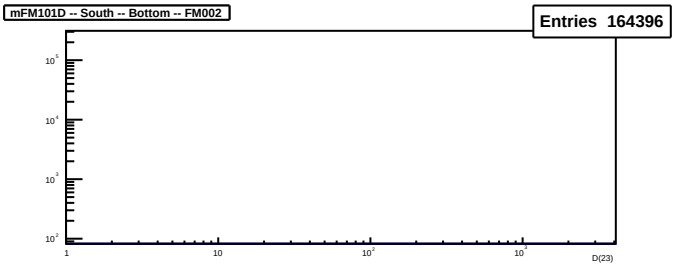
BS1-BCD
BS1-A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Entries 164396
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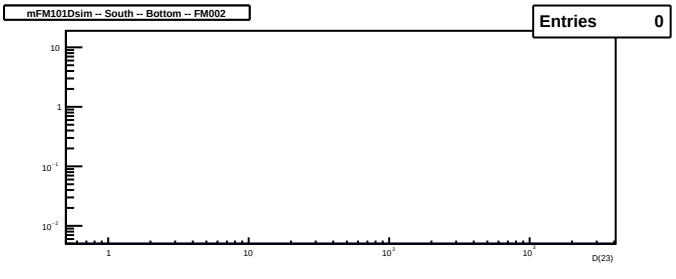
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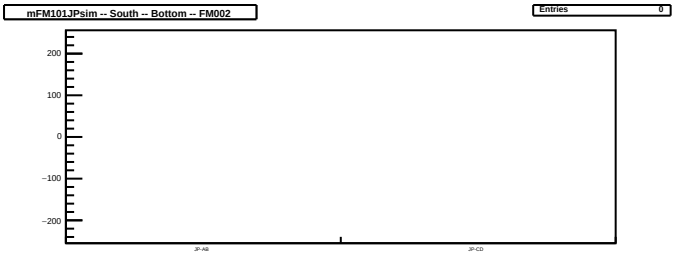
Entries 0
D(23)

mFM101JP -- South -- Bottom -- FM002
Entries 328792
JP-AB
JP-CD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Entries 0
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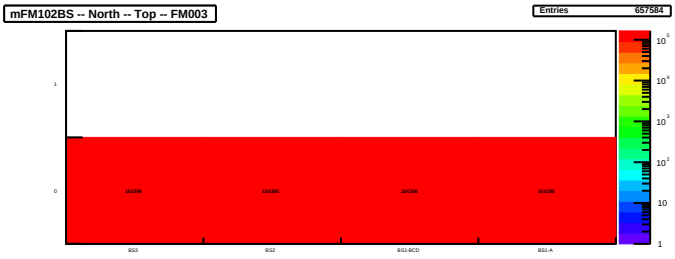
JP-CD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Entries 657584
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164396
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164396
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
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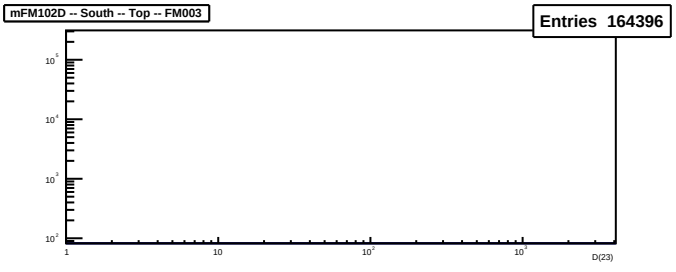
BS2
BS1-BCD
BS1-A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Entries 164396
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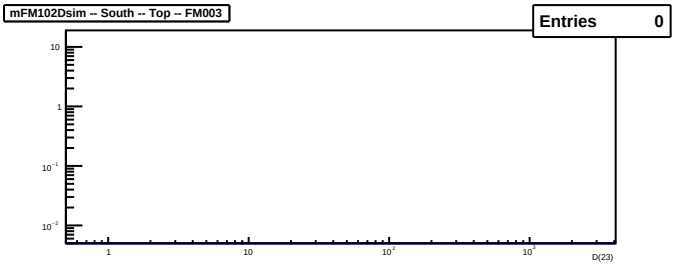
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Entries 0
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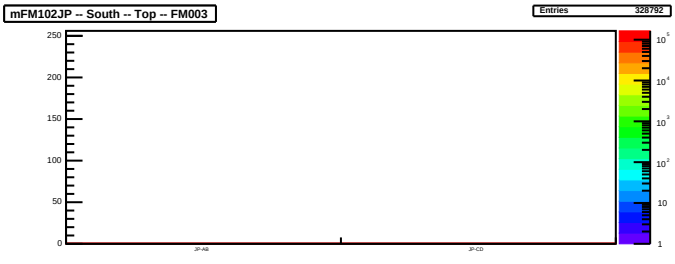
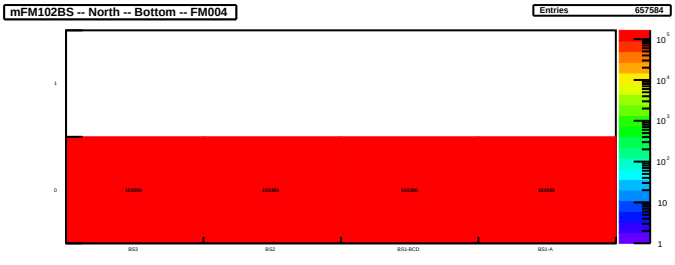

mFM102JP -- South -- Top -- FM003
Entries 328792
JP-AB
JP-CD

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


mFM102BS -- North -- Bottom -- FM004
Entries 657584
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164396
164396
164396
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Bottom -- FM004
Entries 0
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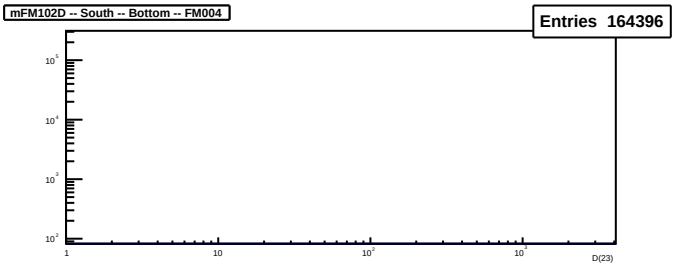
BS2
BS1-BCD
BS1-A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Entries 164396
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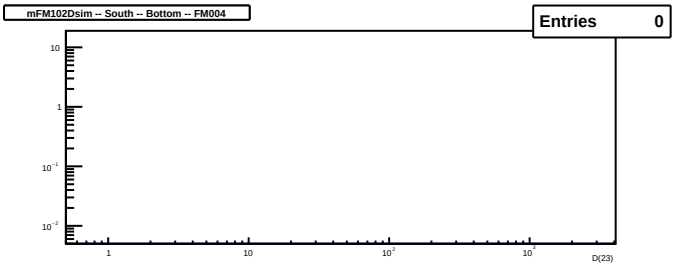
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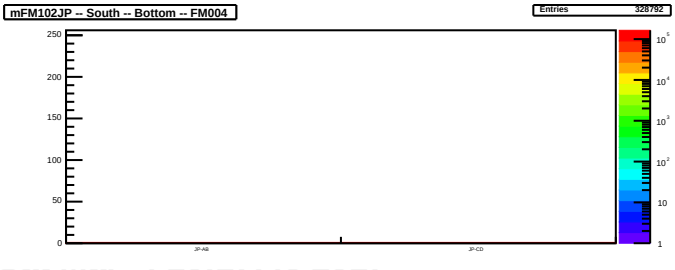
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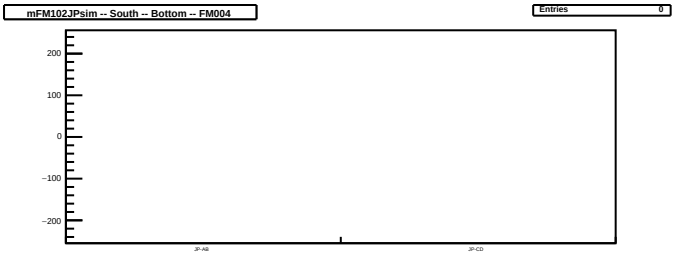
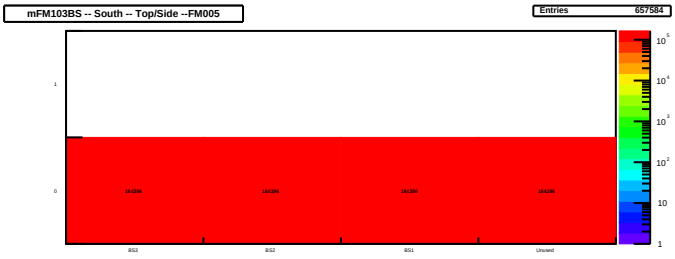
Entries 328792
JP-AB
JP-CD


mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD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Entries 657584
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BS3
BS2
BS1
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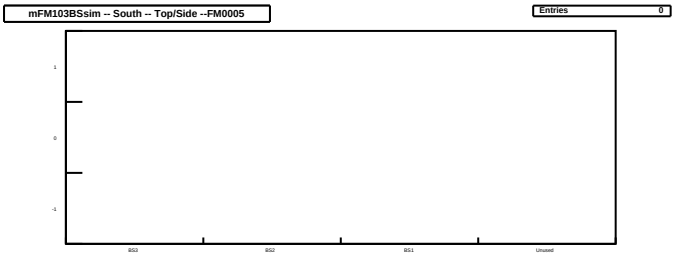
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Entries 0
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BS2
BS1
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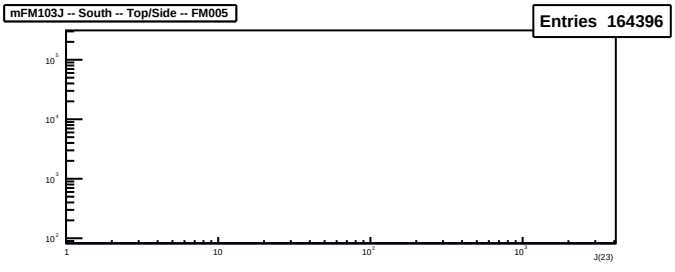
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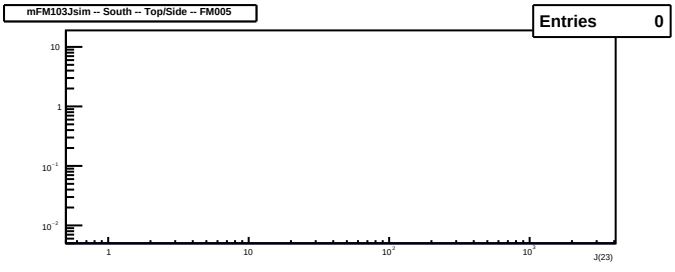
Entries 164396
J(23)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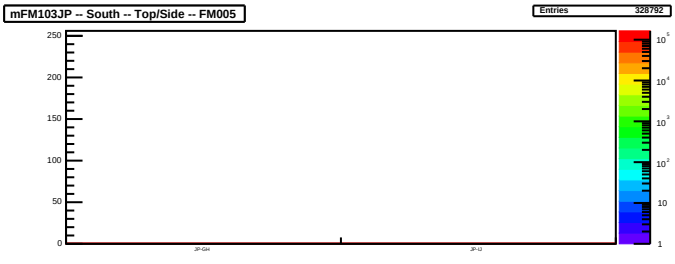
J(23)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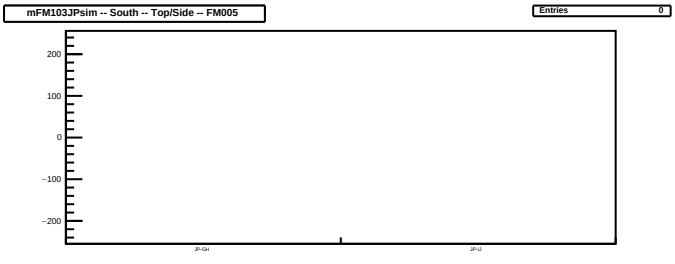
Entries 328792
JP-GH
JP-U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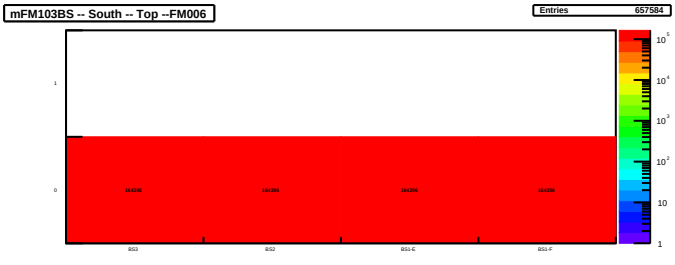
Entries 0
JP-GH
JP-U


mFM103BS -- South -- Top --FM006
Entries 657584
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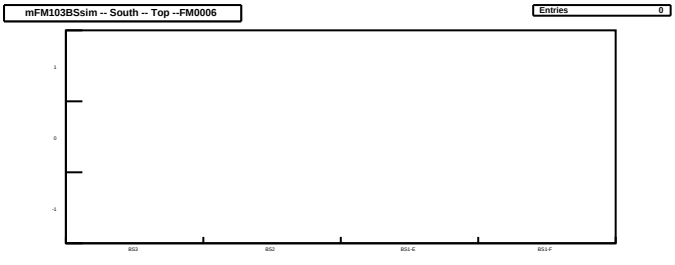
164396
164396
164396
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 0
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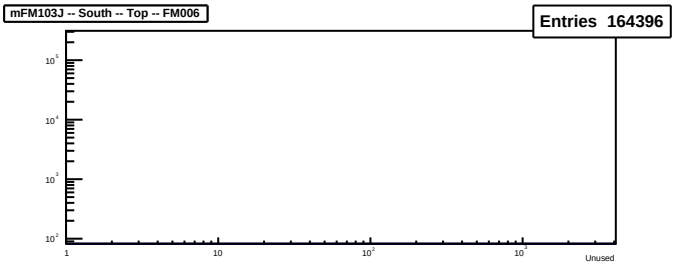
BS2
BS1-E
BS1-F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Entries 164396
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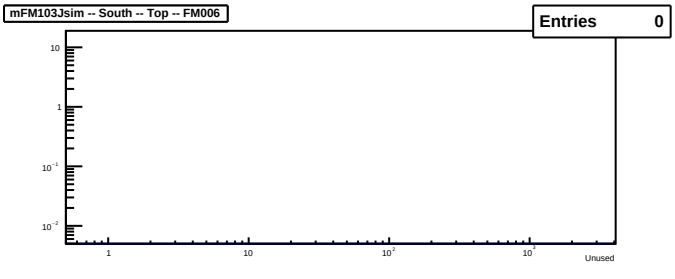
mFM103Jsim -- South -- Top -- FM006
Entries 0
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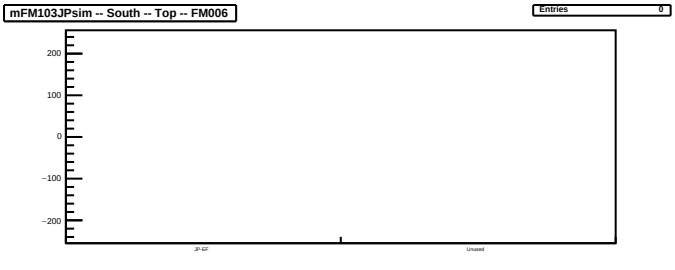
mFM103JP -- South -- Top -- FM006
Entries 328792
JP-EF
Unused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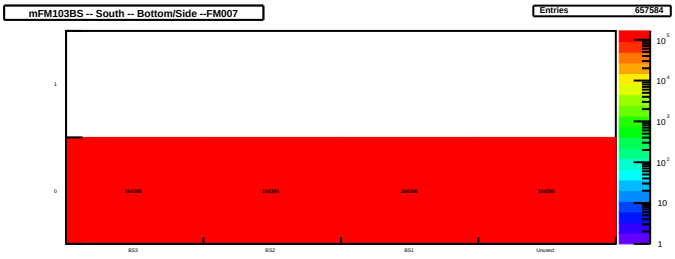
Entries 0
JP-EF
Unused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Entries 657584
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BS1
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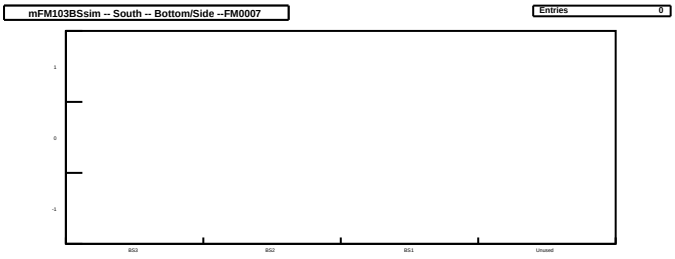
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BS2
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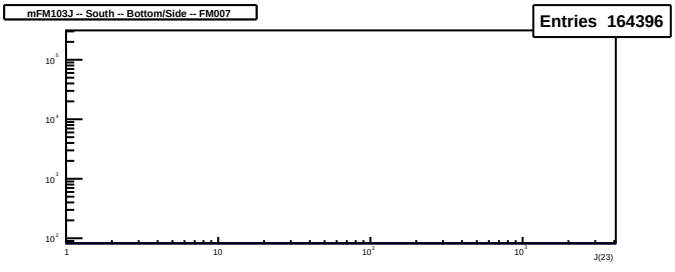
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Entries 164396
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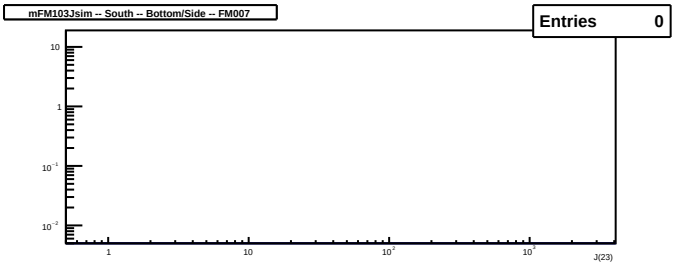
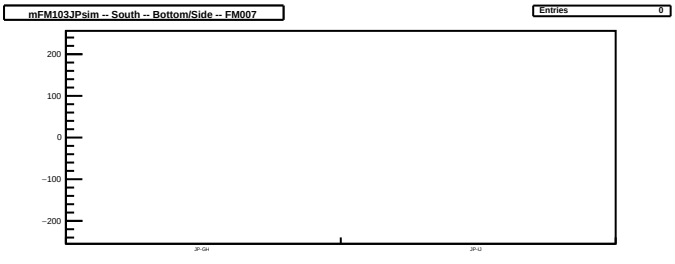
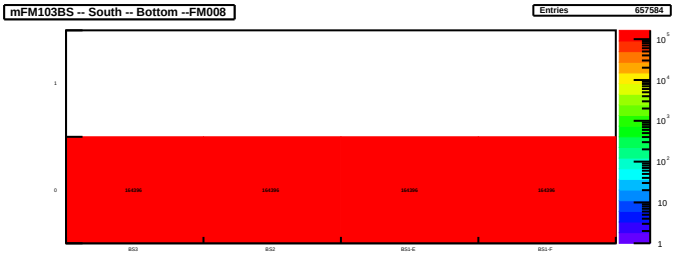

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

mFM103JP -- South -- Bottom/Side -- FM007
Entries 328792
JP-GH
JP-IJ


mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ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Entries 657584
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164396
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164396
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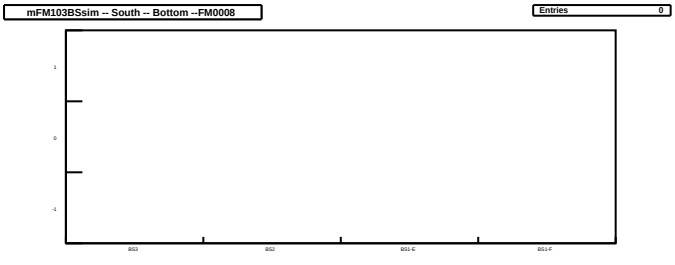
BS2
BS1-E
BS1-F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Entries 0
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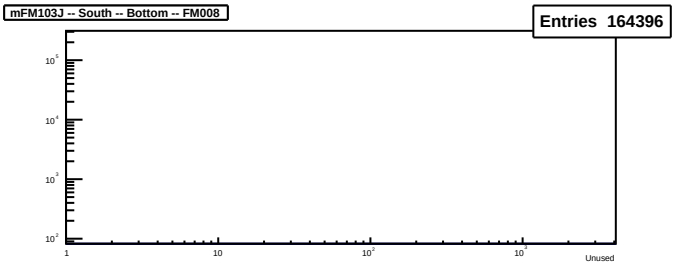
BS1-E
BS1-F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Entries 164396
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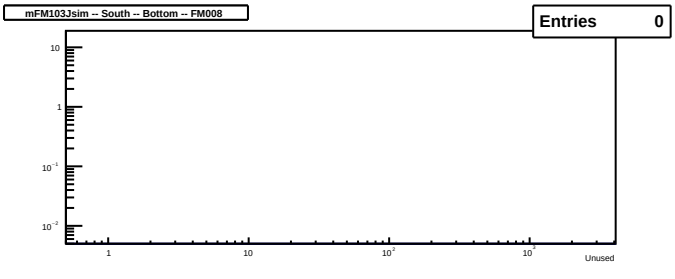
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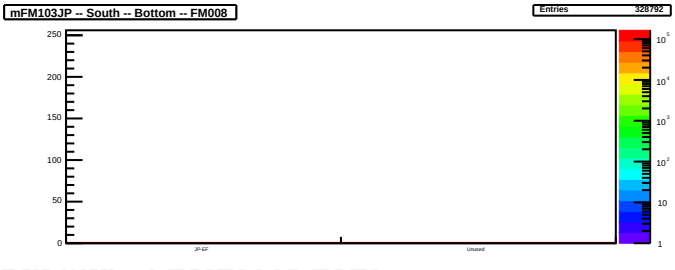
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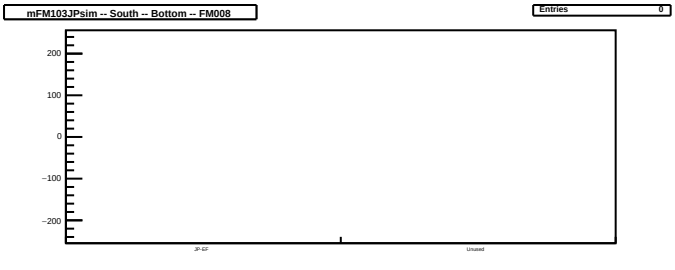
Entries 328792
JP-EF
Unused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Entries 0
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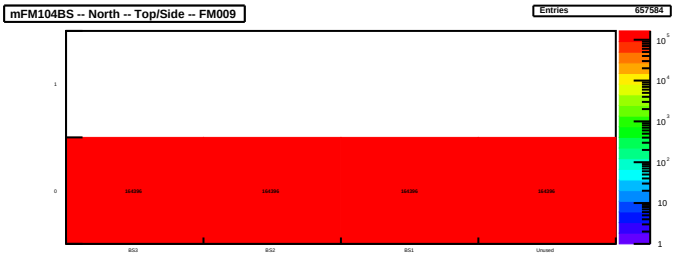
Unused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Entries 657584
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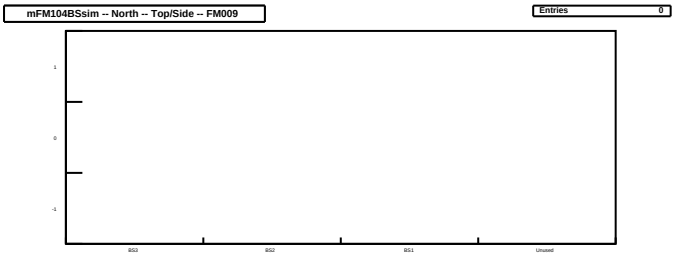
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Entries 0
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BS2
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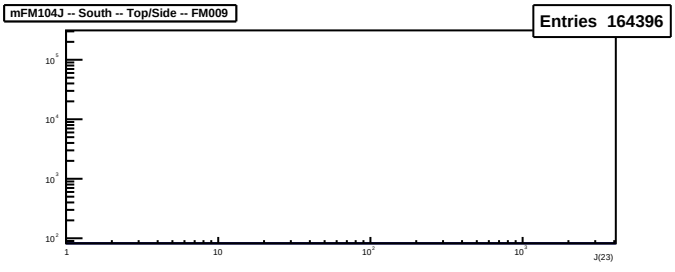
Unused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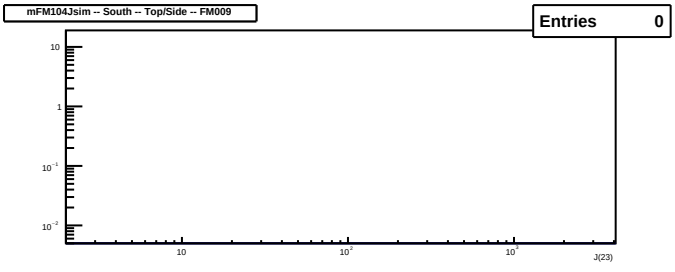
Entries 164396
J(23)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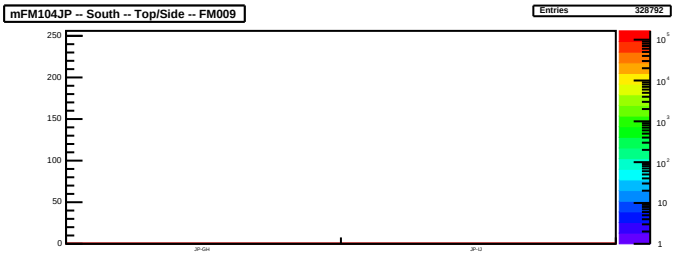
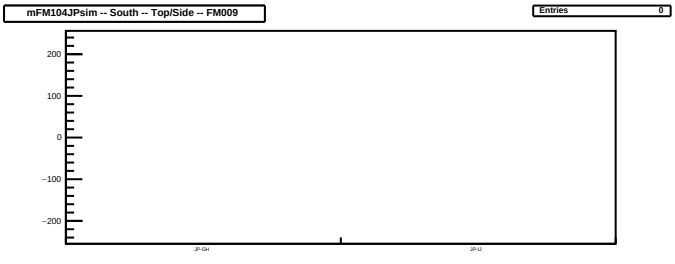
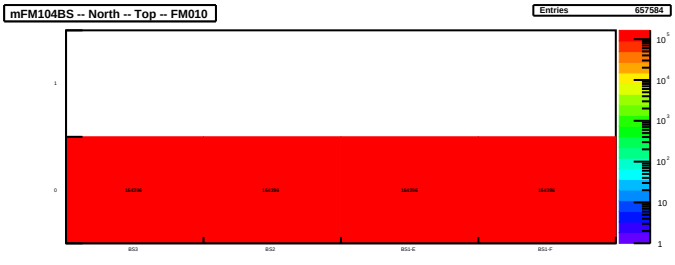
Entries 0
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 328792
JP-GH
JP-IJ


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


mFM104BS -- North -- Top -- FM010
Entries 657584
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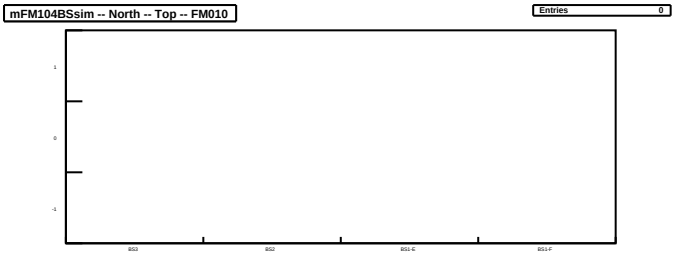
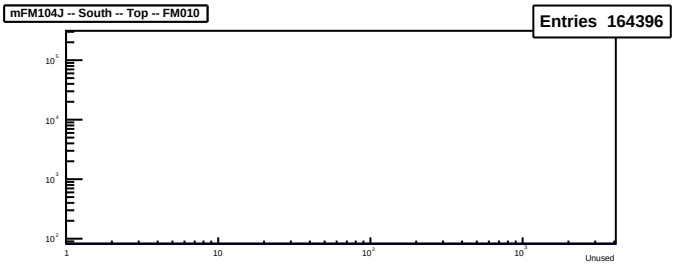
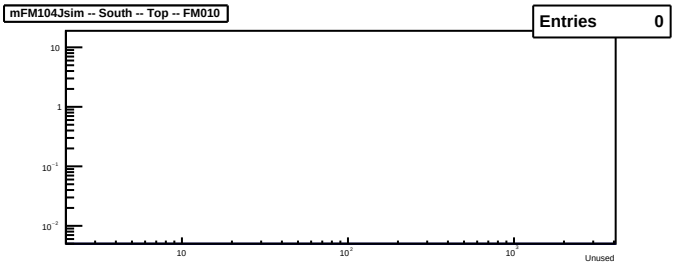
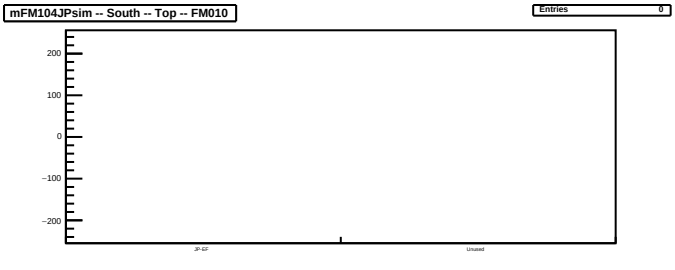
164396
164396
164396
BS3
BS2
BS1-E
BS1-F

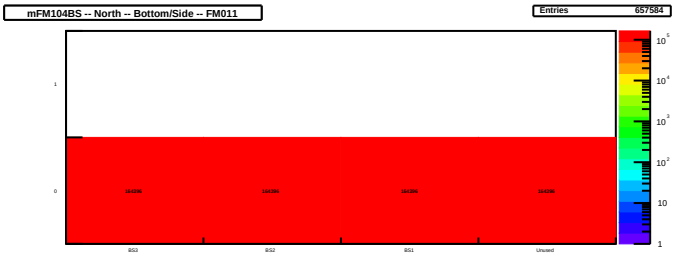

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

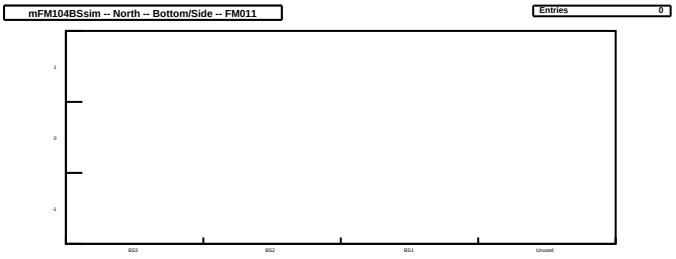

mFM104J -- South -- Top -- FM010
Entries 164396
Unused

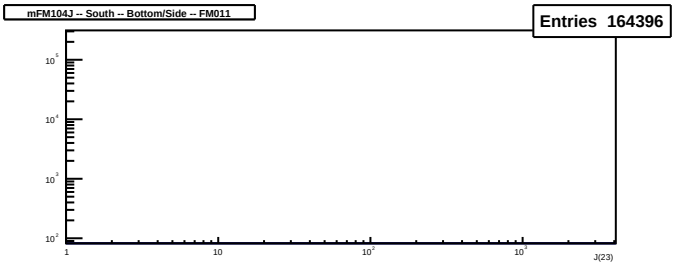

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

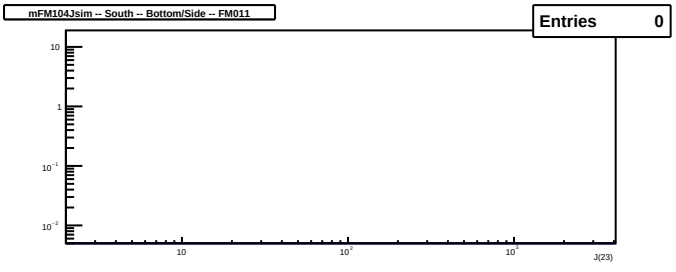
mFM104JP -- South -- Top -- FM010
Entries 328792
JP-EF
Unused

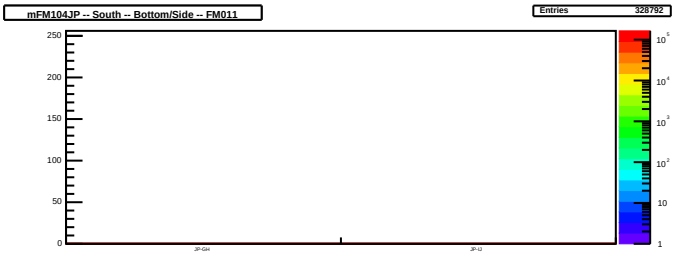

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

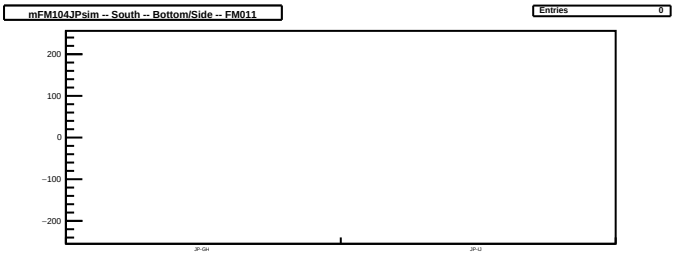

mFM104BS -- North -- Bottom/Side -- FM011
Entries 657584
164396
164396
164396
164396
BS3
BS2
BS1
Unused

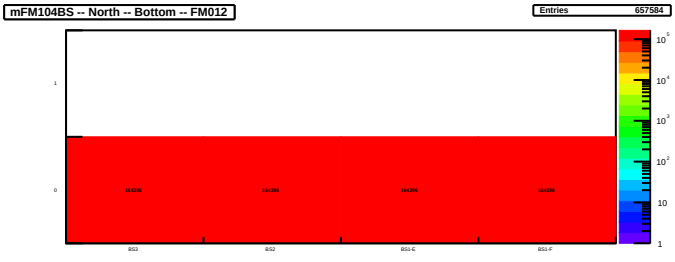

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

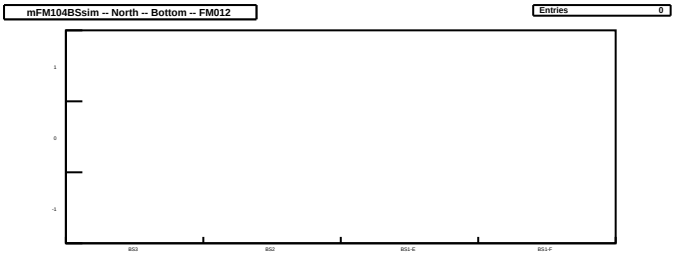

mFM104J -- South -- Bottom/Side -- FM011
Entries 164396
J(23)

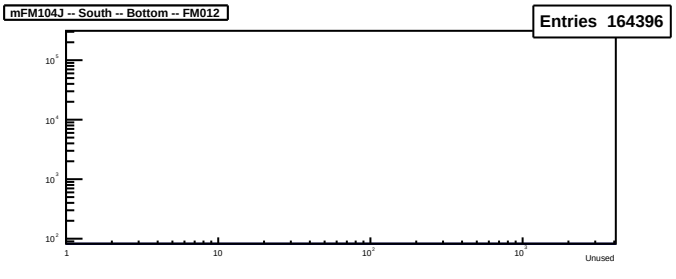

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

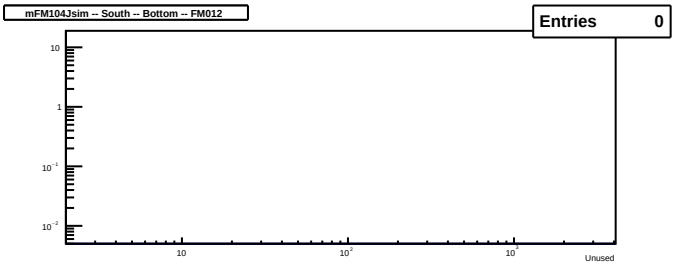

mFM104JP -- South -- Bottom/Side -- FM011
Entries 328792
JP-GH
JP-IJ


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

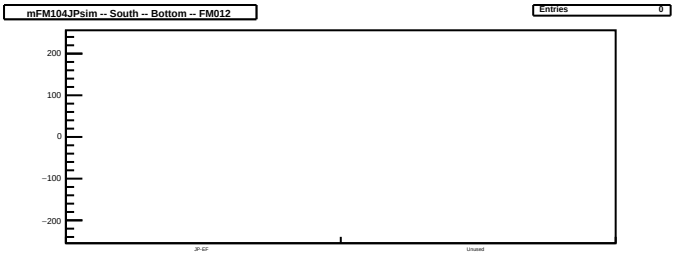

mFM104BS -- North -- Bottom -- FM012
Entries 657584
164396
164396
164396
164396
BS3
BS2
BS1-E
BS1-F

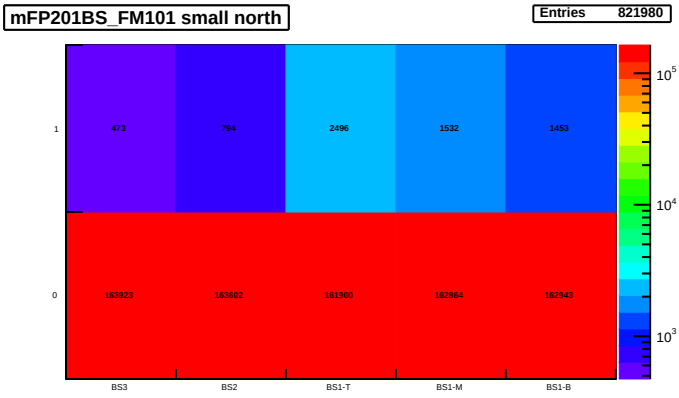

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

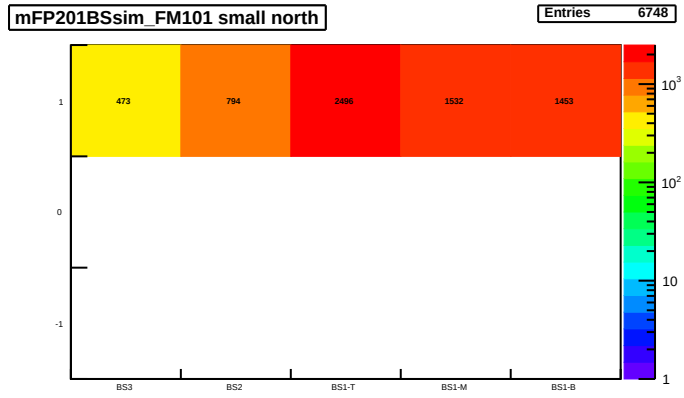

mFM104J -- South -- Bottom -- FM012
Entries 164396
Unused

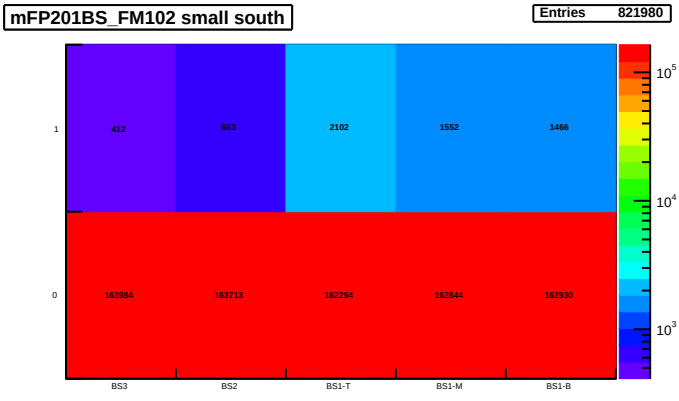

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

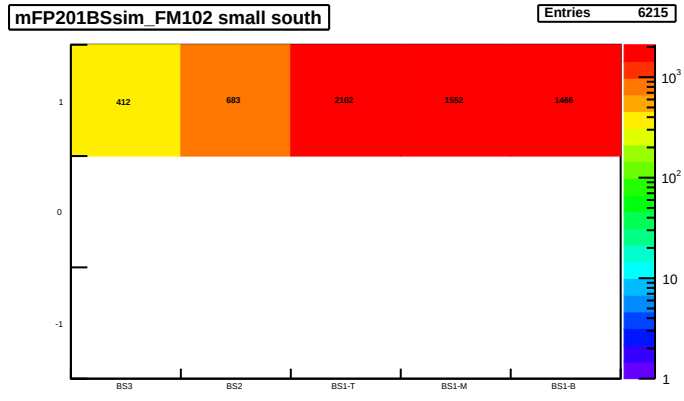
mFM104JP -- South -- Bottom -- FM012
Entries 328792
JP-EF
Unused

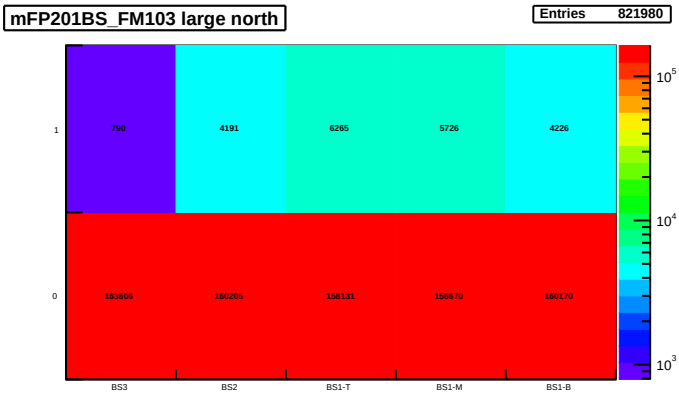

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

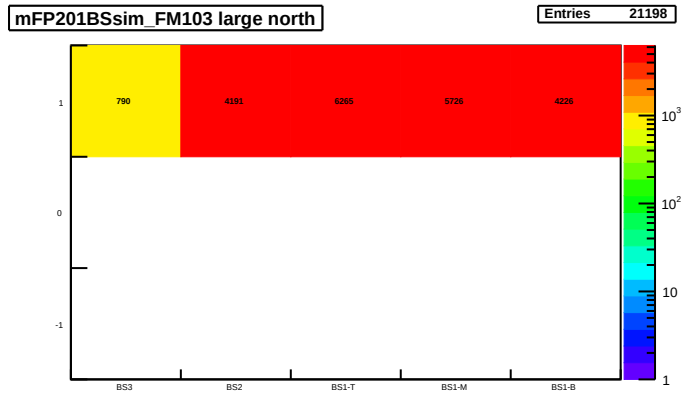

mFP201BS_FM101 small north
Entries 821980
473 794 2496 1532 1453
163923 163602 161900 162864 162943
BS3 BS2 BS1-T BS1-M BS1-B

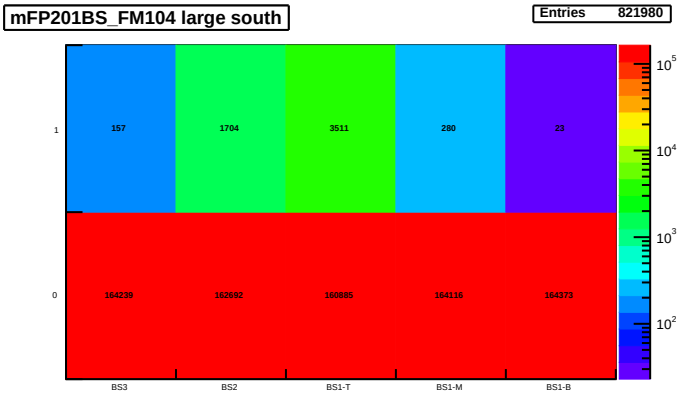

mFP201BSsim_FM101 small north
Entries 6748
473 794 2496 1532 1453
BS3 BS2 BS1-T BS1-M BS1-B

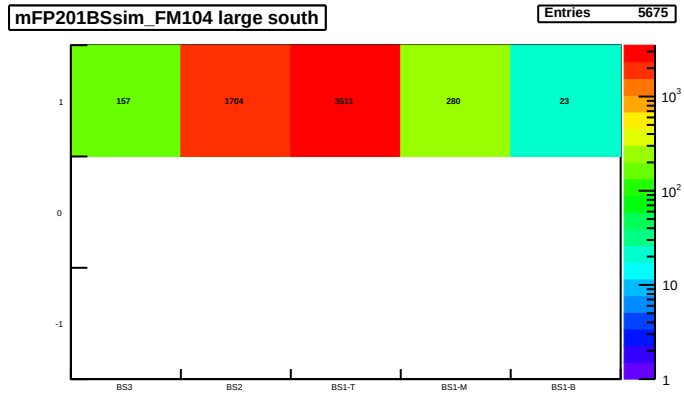

mFP201BS_FM102 small south
Entries 821980
412 683 2102 1552 1466
163984 163713 162294 162844 162930
BS3 BS2 BS1-T BS1-M BS1-B

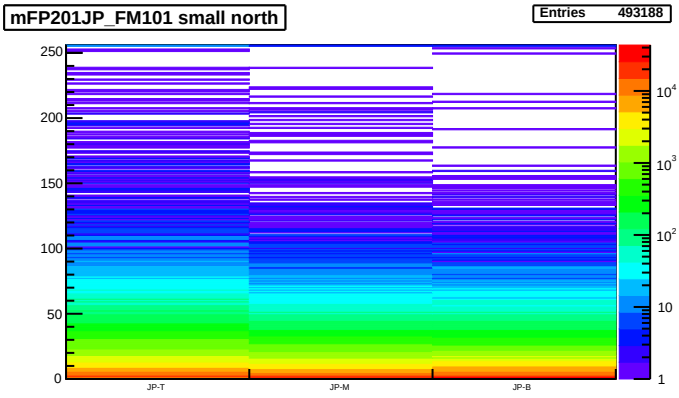

mFP201BSsim_FM102 small south
Entries 6215
412 683 2102 1552 1466
BS3 BS2 BS1-T BS1-M BS1-B

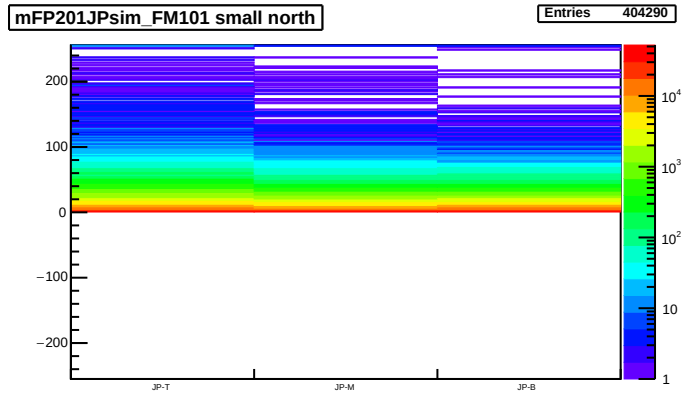

mFP201BS_FM103 large north
Entries 821980
790 4191 6265 5726 4226
163606 160205 158131 158670 160170
BS3 BS2 BS1-T BS1-M BS1-B

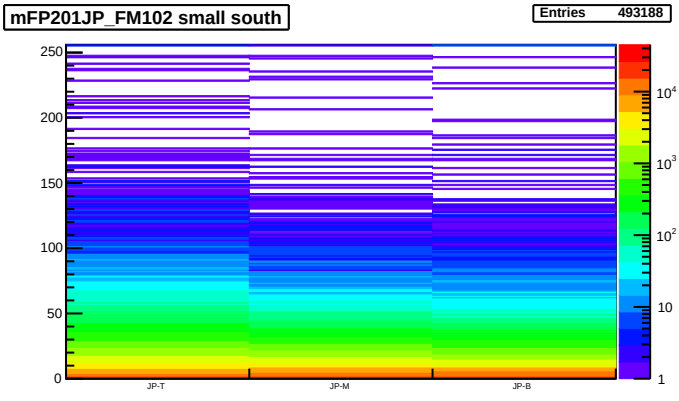

mFP201BSsim_FM103 large north
Entries 21198
790 4191 6265 5726 4226
BS3 BS2 BS1-T BS1-M BS1-B

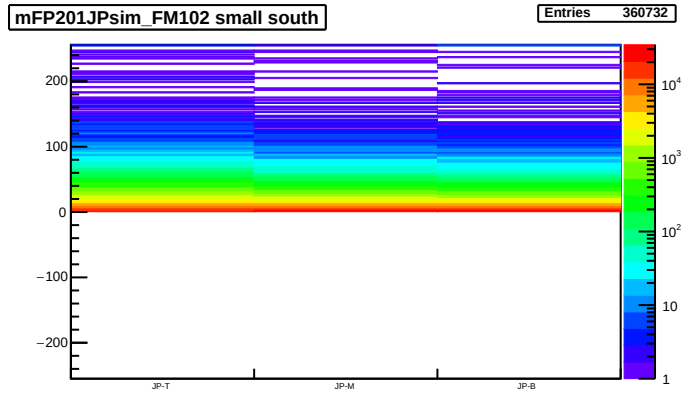

mFP201BS_FM104 large south
Entries 821980
157 1704 3511 280 23
164239 162692 160885 164116 164373
BS3 BS2 BS1-T BS1-M BS1-B

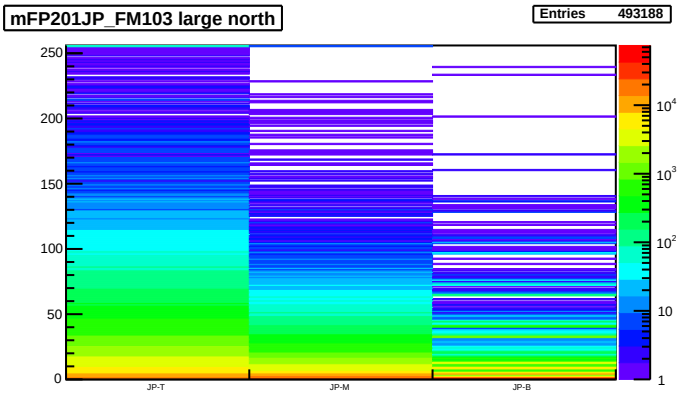

mFP201BSsim_FM104 large south
Entries 5675
157 1704 3511 280 23
BS3 BS2 BS1-T BS1-M BS1-B

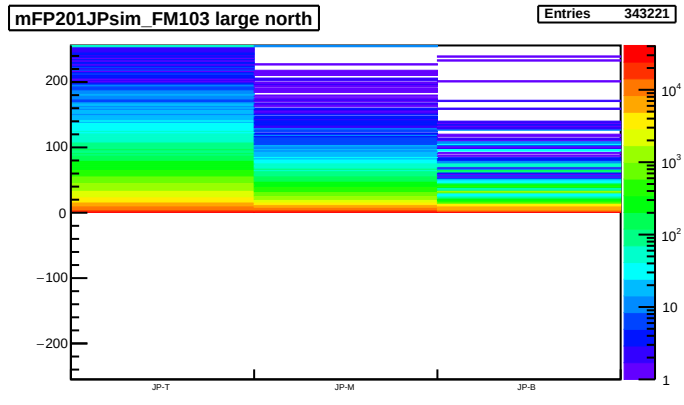

mFP201JP_FM101 small north
Entries 493188
JP-T
JP-M
JP-B

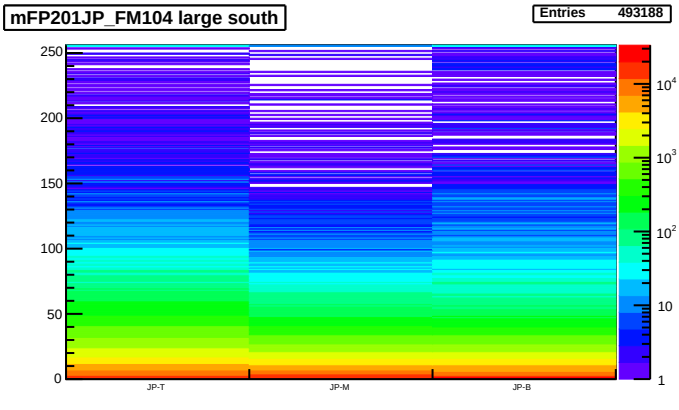

mFP201JPsim_FM101 small north
Entries 404290
JP-T
JP-M
JP-B

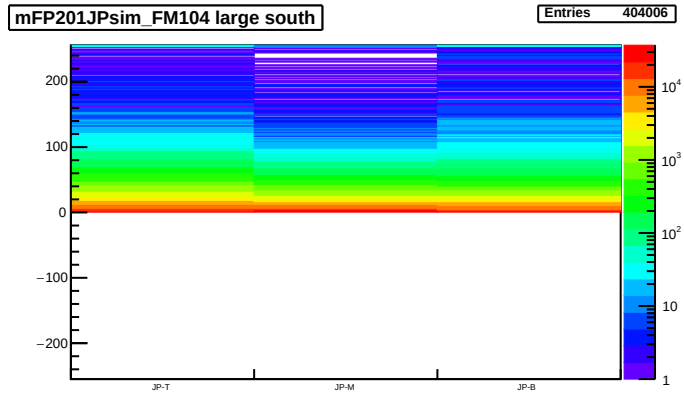

mFP201JP_FM102 small south
Entries 493188
JP-T
JP-M
JP-B

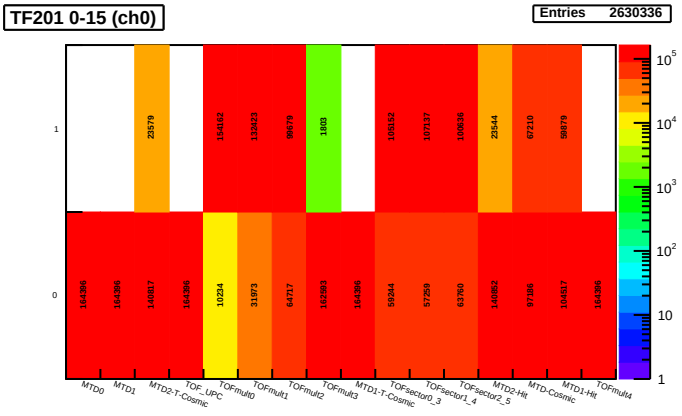

mFP201JPsim_FM102 small south
Entries 360732
JP-T
JP-M
JP-B

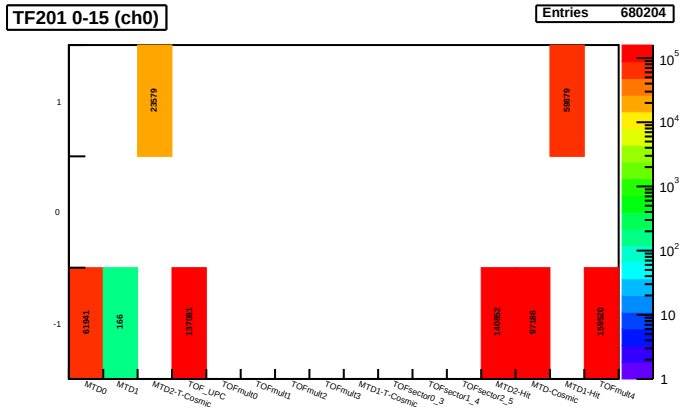

mFP201JP_FM103 large north
Entries 493188
JP-T
JP-M
JP-B

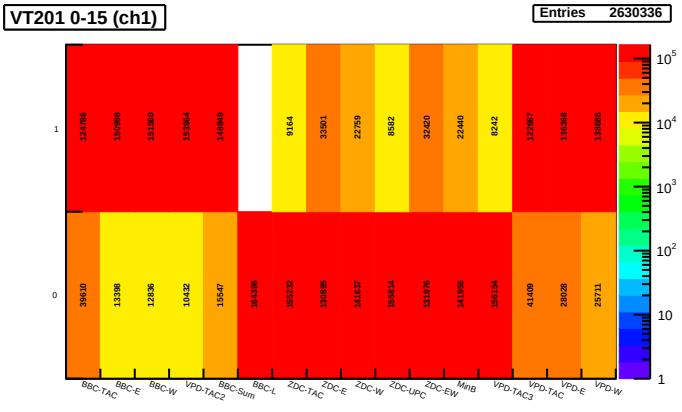

mFP201JPsim_FM103 large north
Entries 343221
JP-T
JP-M
JP-B

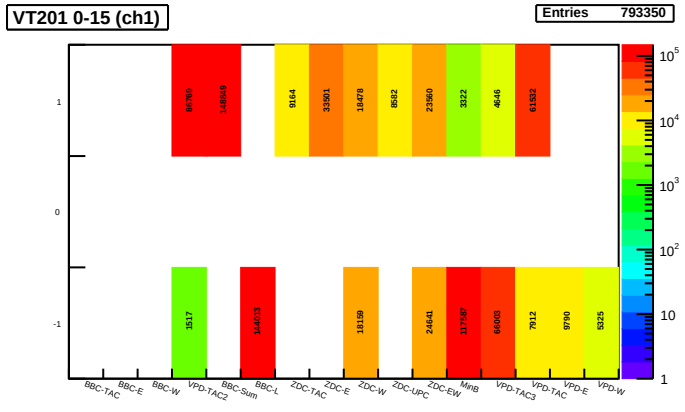

mFP201JP_FM104 large south
Entries 493188
JP-T
JP-M
JP-B

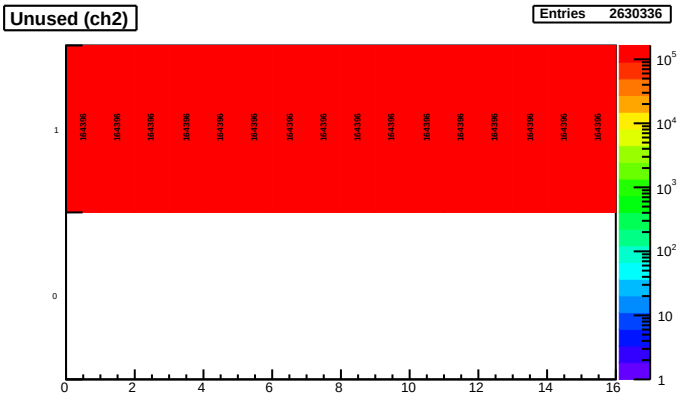

mFP201JPsim_FM104 large south
Entries 404006
JP-T
JP-M
JP-B

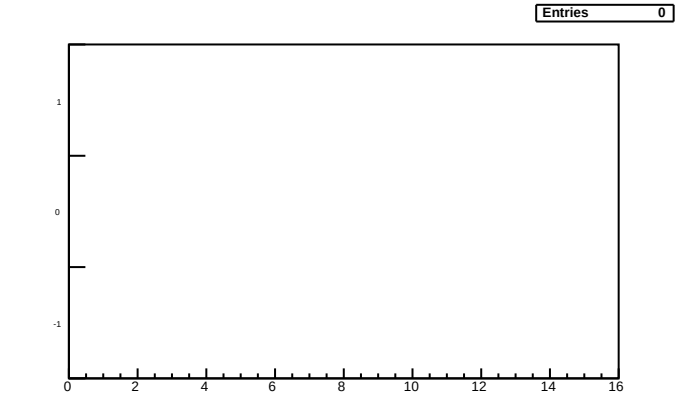

TF201 0-15 (ch0)
Entries 2630336
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

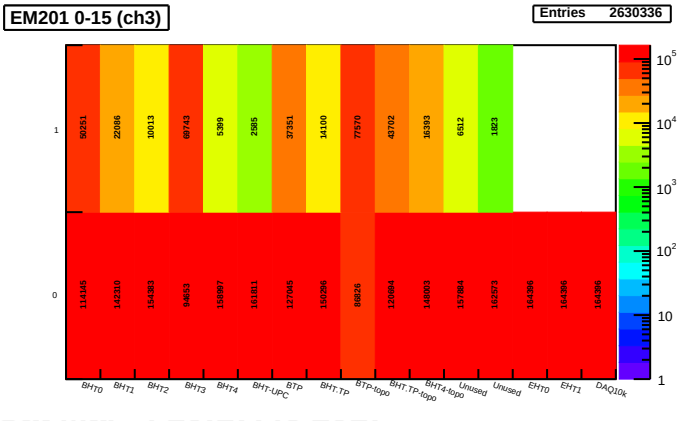

TF201 0-15 (ch0)
Entries 680204
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

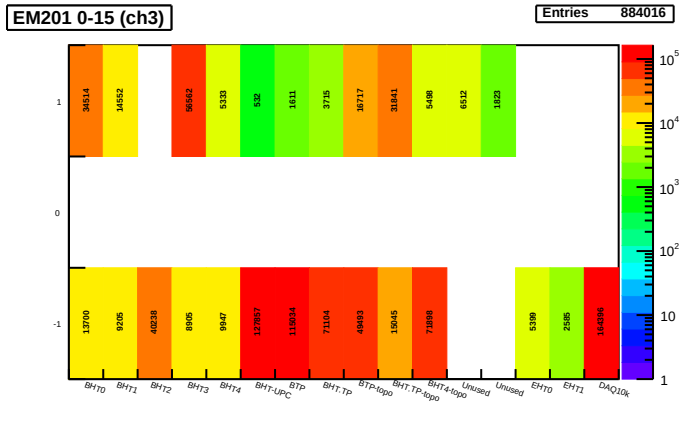

VT201 0-15 (ch1)
Entries 2630336
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W


VT201 0-15 (ch1)
Entries 793350
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

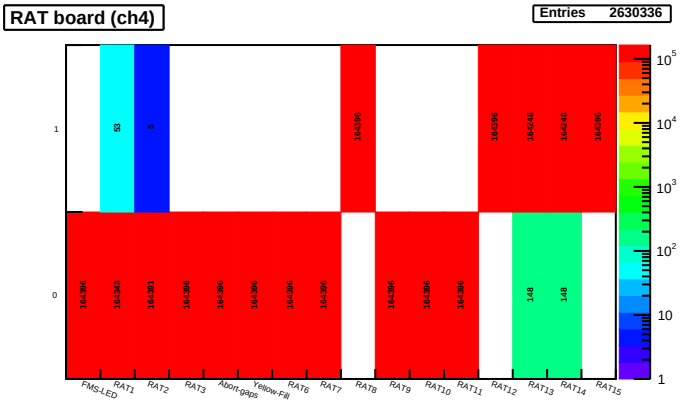

Unused (ch2)
Entries 2630336

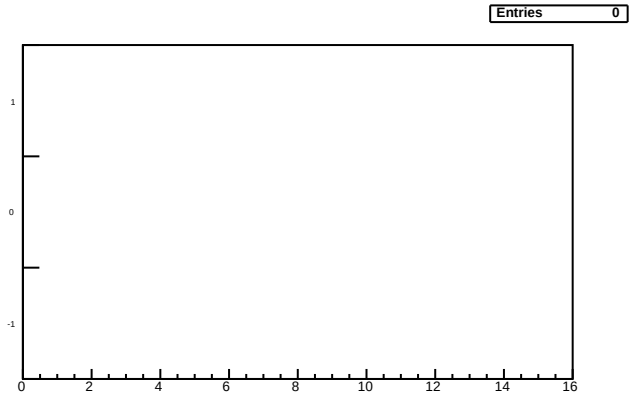

Entries 0


EM201 0-15 (ch3)
Entries 2630336
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

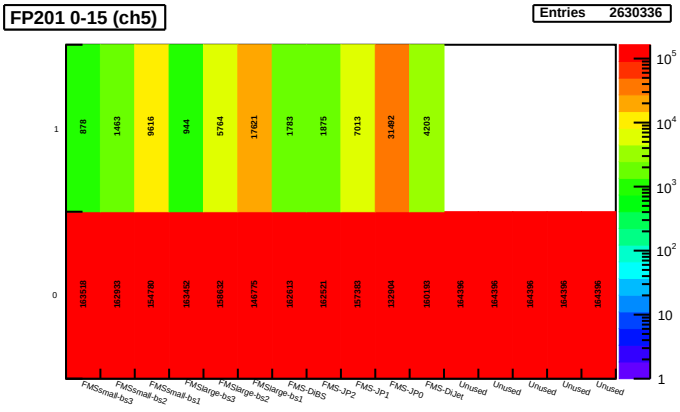

EM201 0-15 (ch3)
Entries 884016
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

RAT board (ch4)

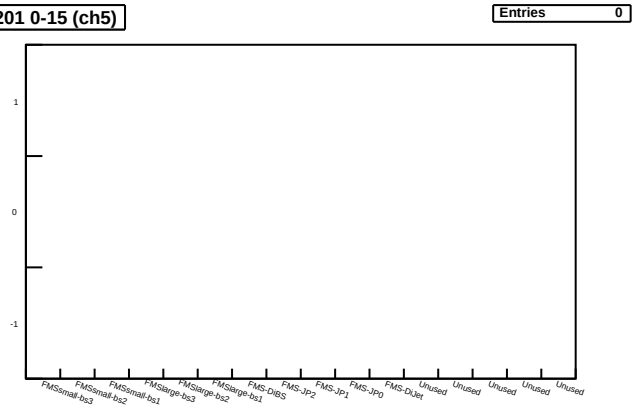




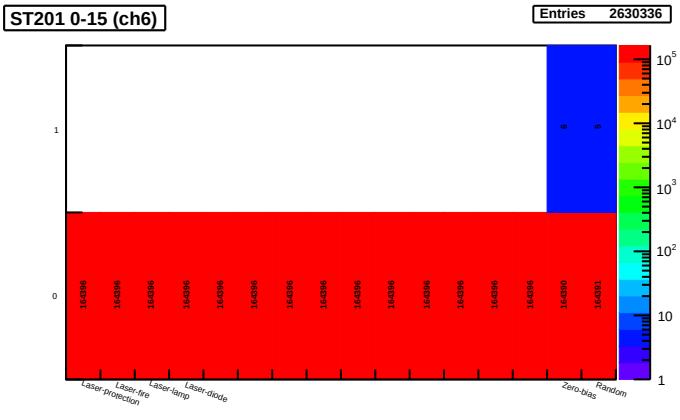
FP201 0-15 (ch5)

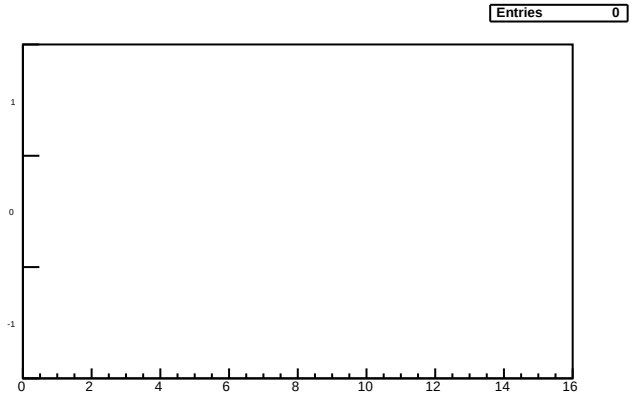
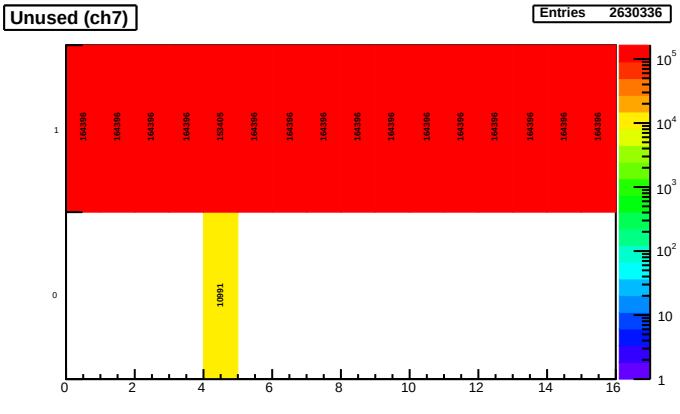
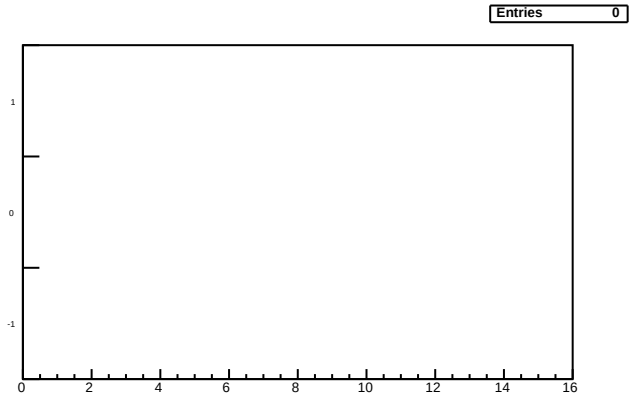


FP201 0-15 (ch5)



ST201 0-15 (ch6)





Unused (ch7)