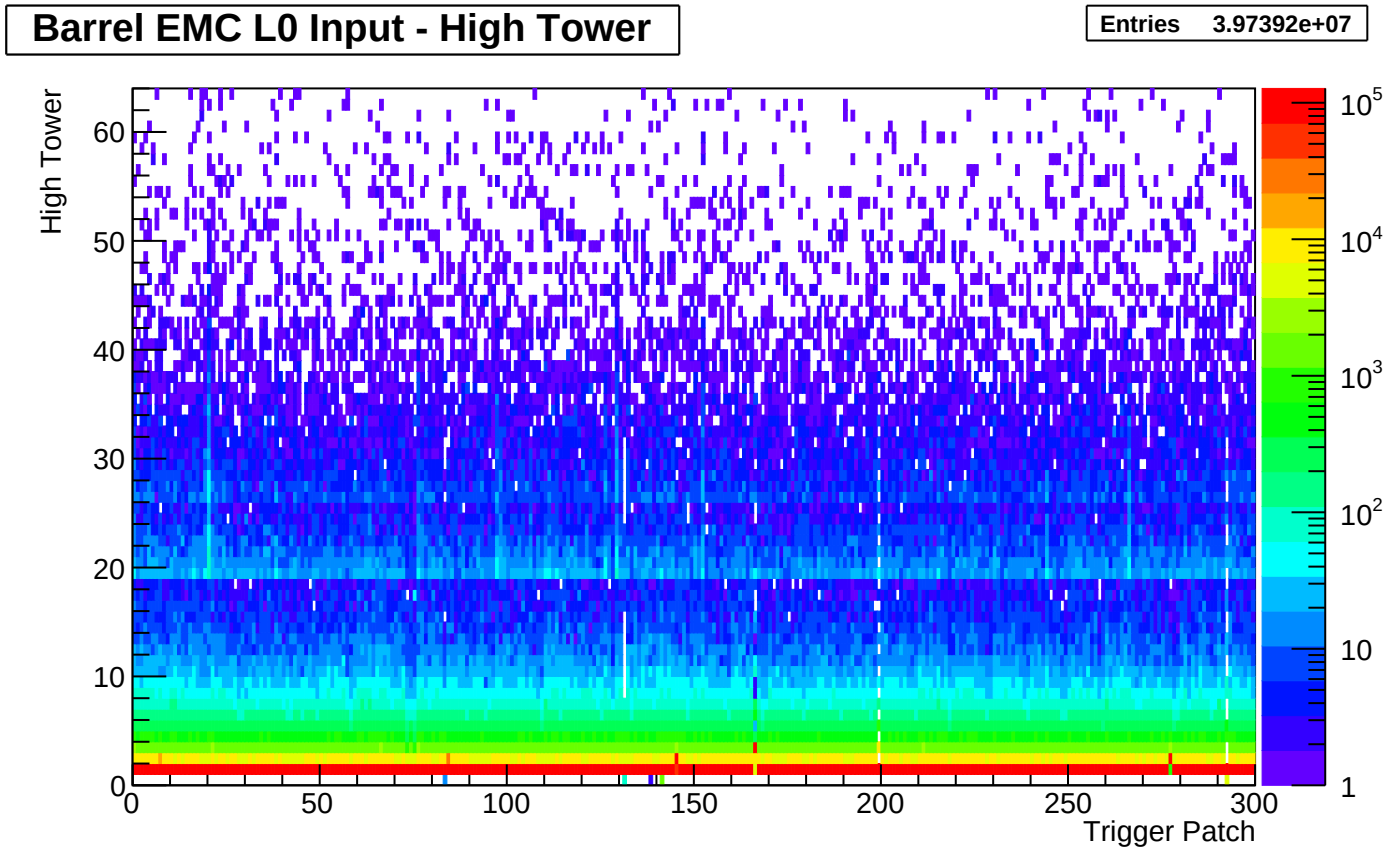
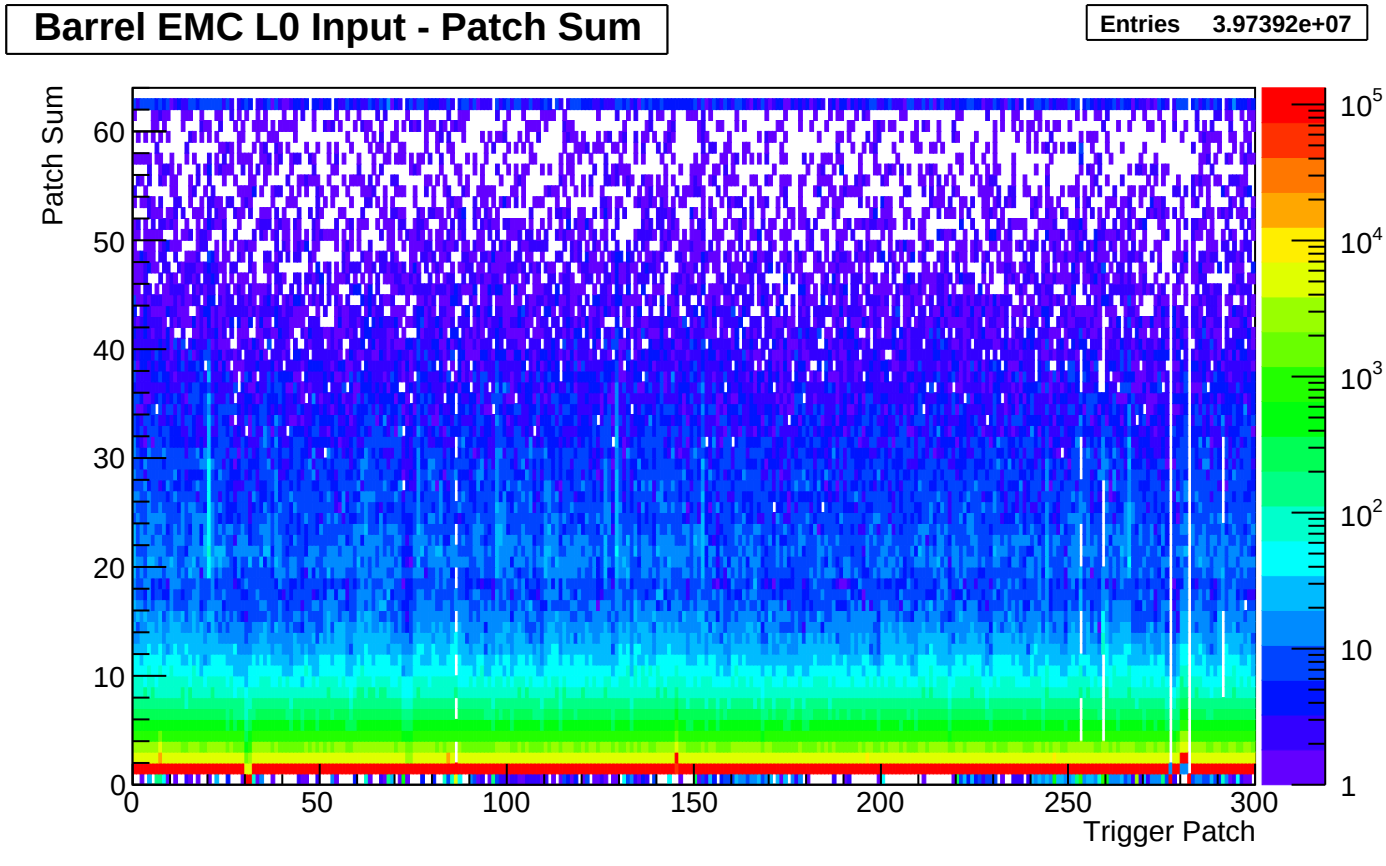
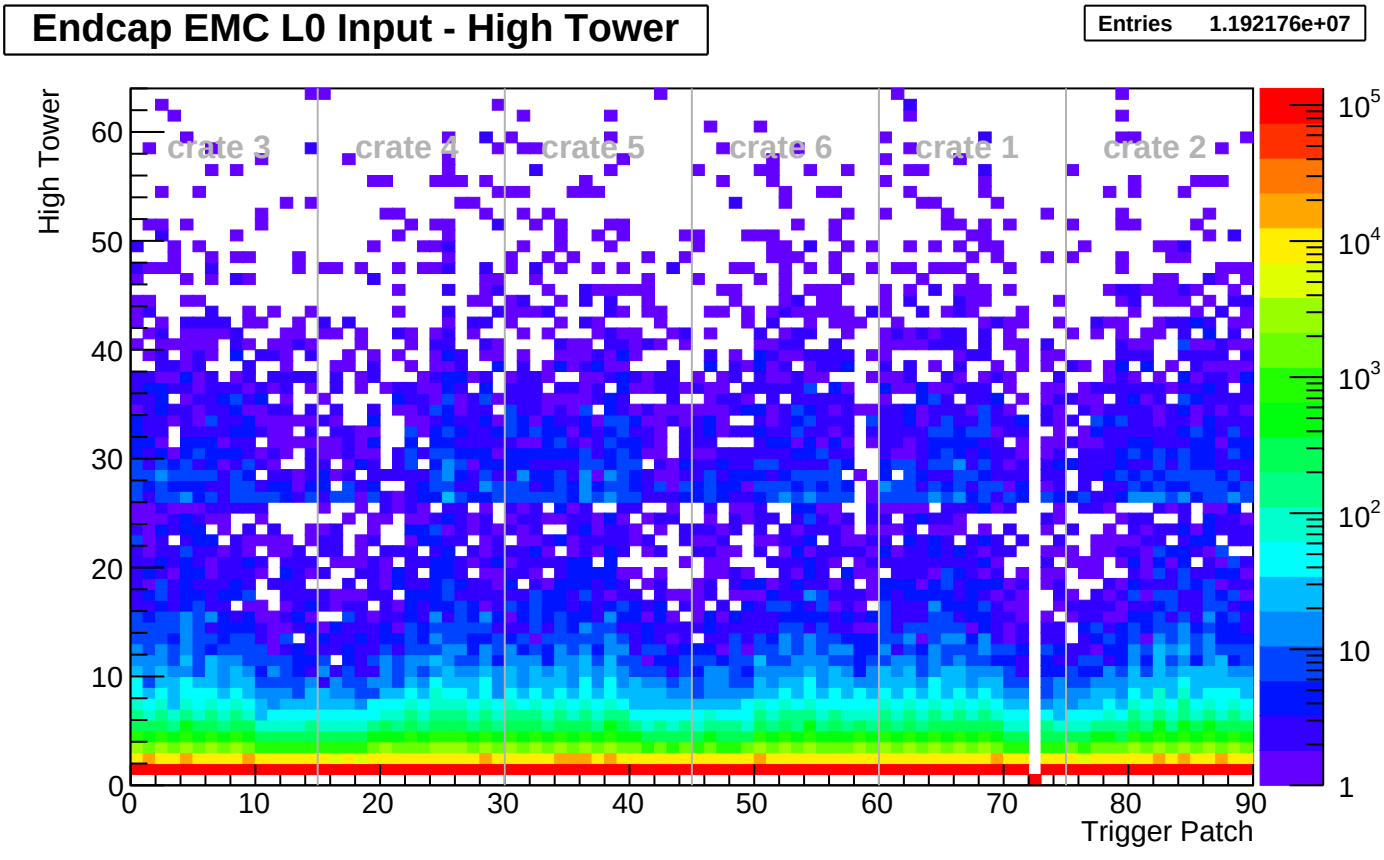
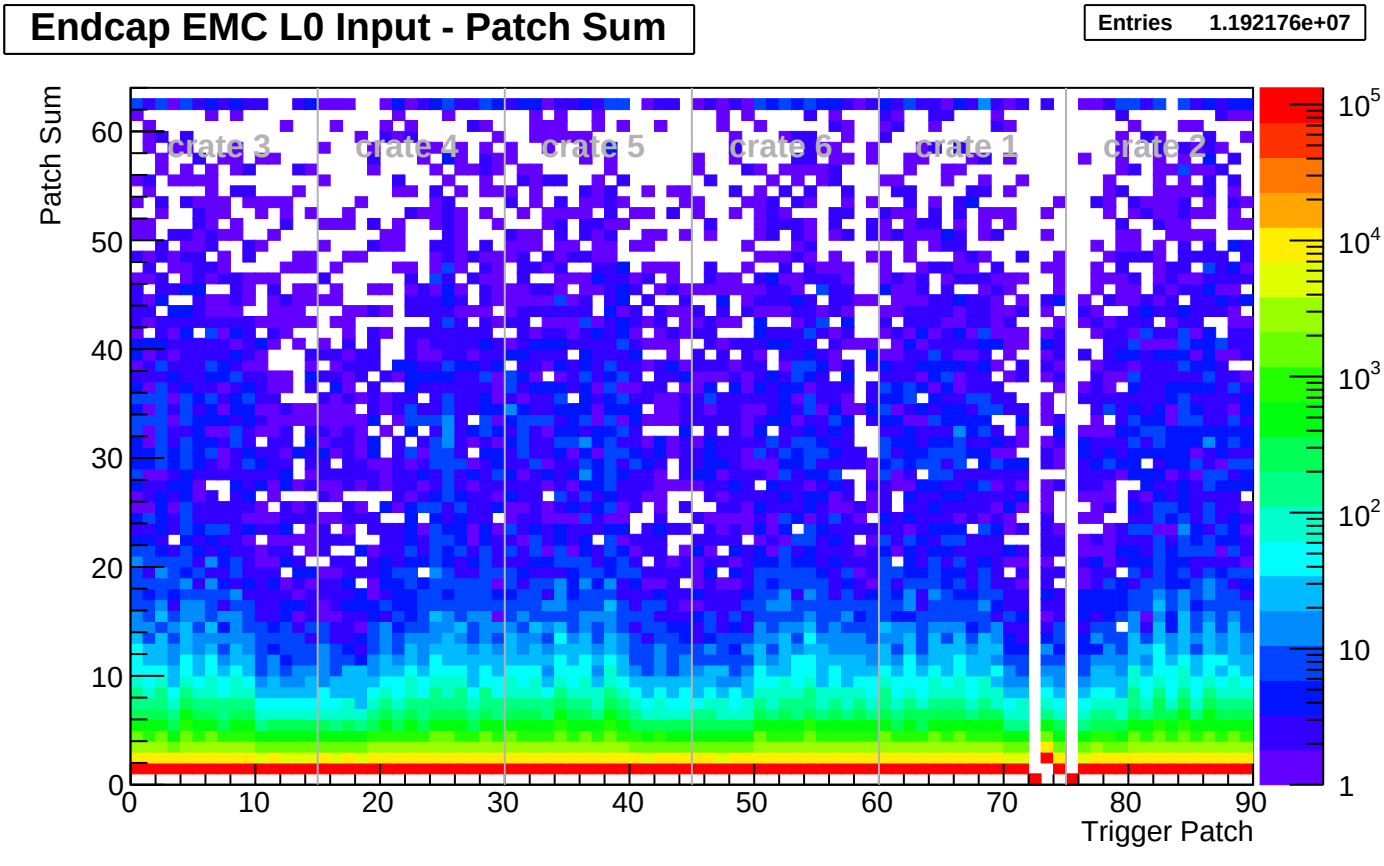
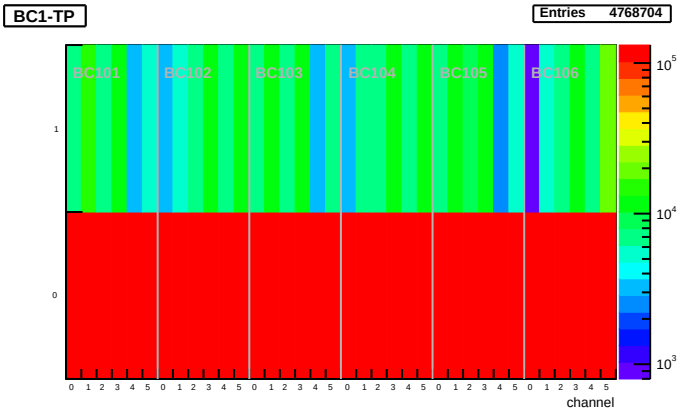
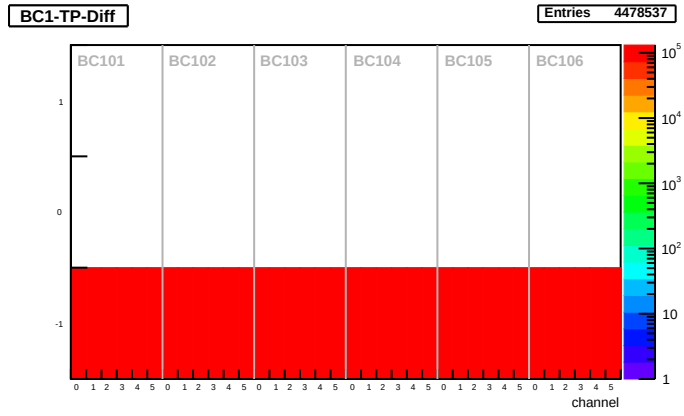

Barrel EMC L0 Input - High Tower
Entries 3.97392e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

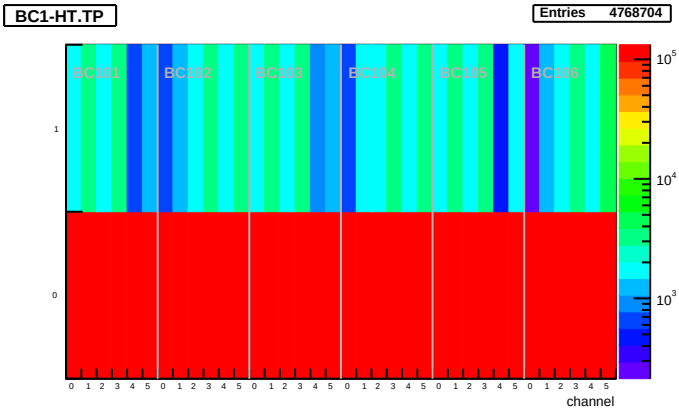

Barrel EMC L0 Input - Patch Sum
Entries 3.97392e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

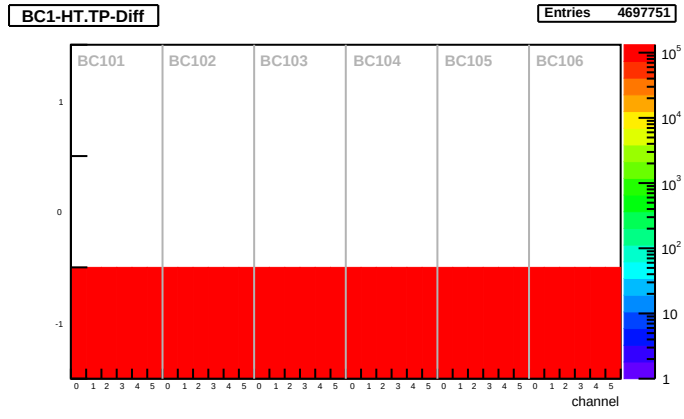

Endcap EMC L0 Input - High Tower
Entries 1.192176e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

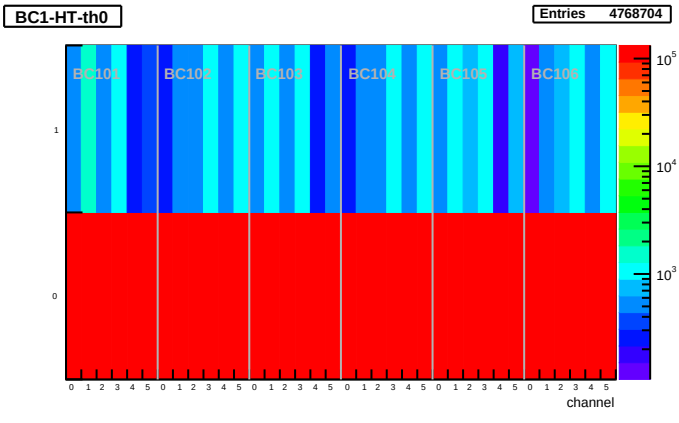

Endcap EMC L0 Input - Patch Sum
Entries 1.192176e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

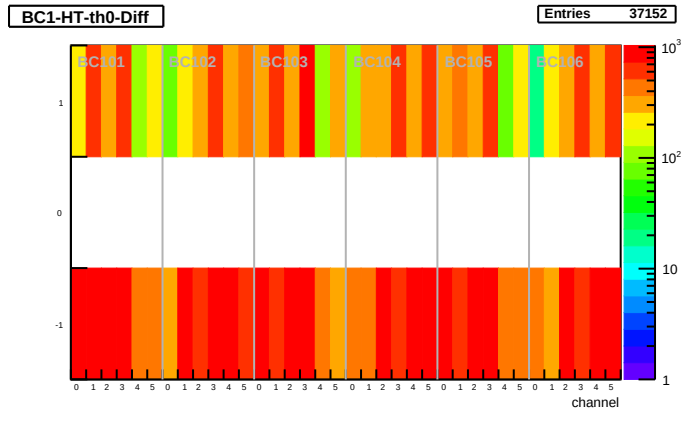

BC1-TP
Entries 4768704
BC101
BC102
BC103
BC104
BC105
BC106
channel

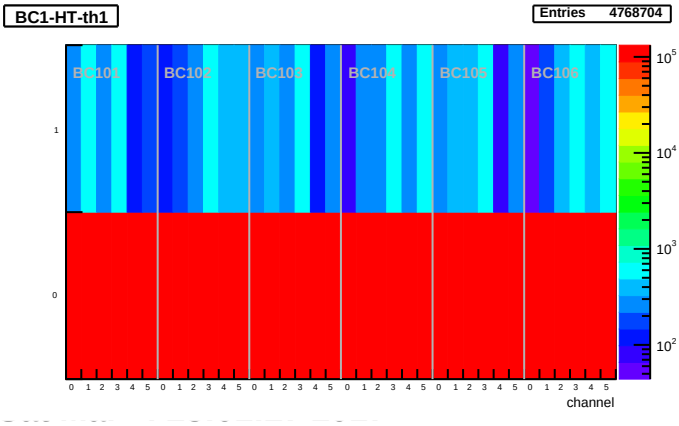

BC1-TP-Diff
Entries 4478537
BC101
BC102
BC103
BC104
BC105
BC106
channel

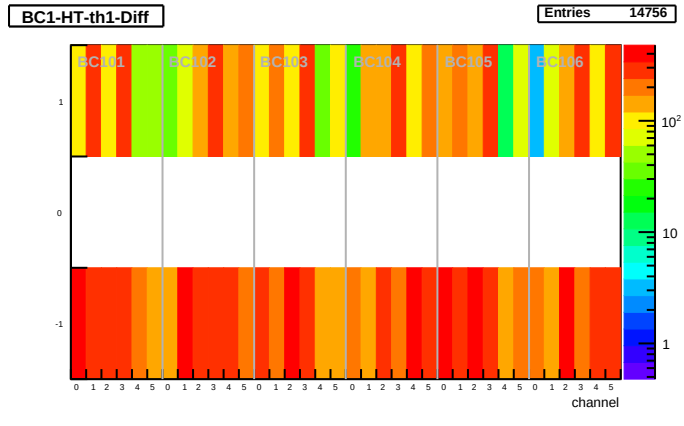

BC1-HT.TP
Entries 4768704
BC101
BC102
BC103
BC104
BC105
BC106
channel

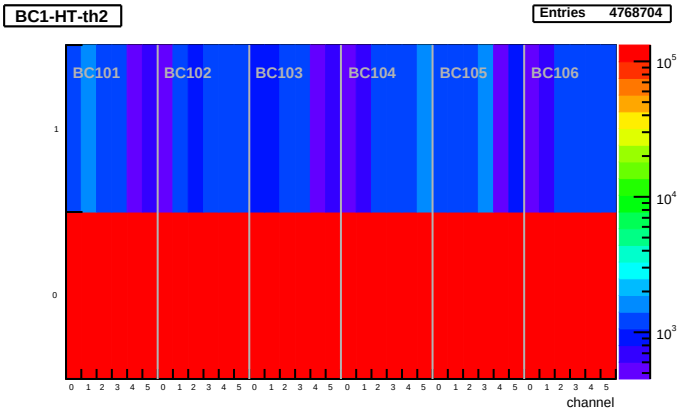

BC1-HT.TP-Diff
Entries 4697751
BC101
BC102
BC103
BC104
BC105
BC106
channel

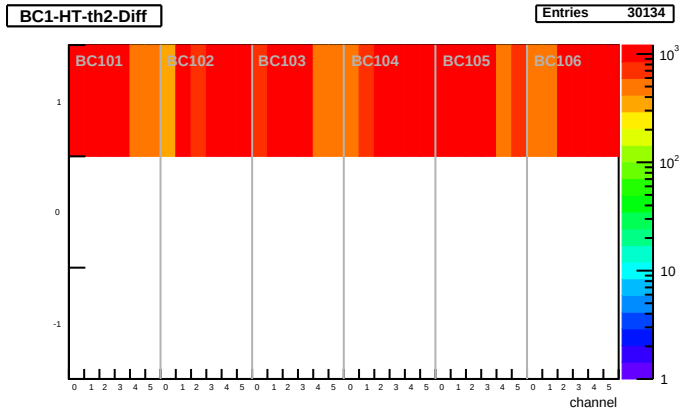

BC1-HT-th0
Entries 4768704
BC101
BC102
BC103
BC104
BC105
BC106
channel

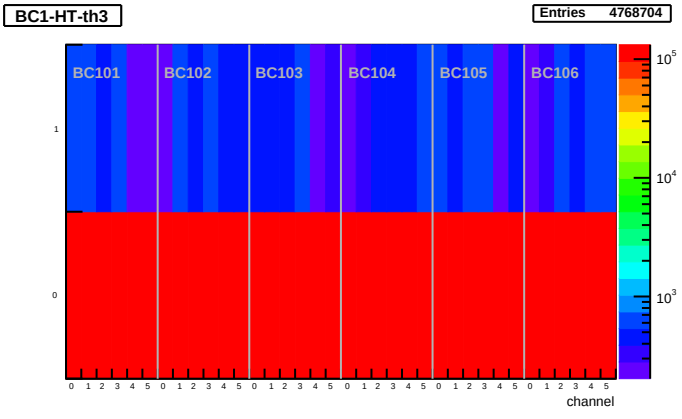

BC1-HT-th0-Diff
Entries 37152
BC101
BC102
BC103
BC104
BC105
BC106
channel

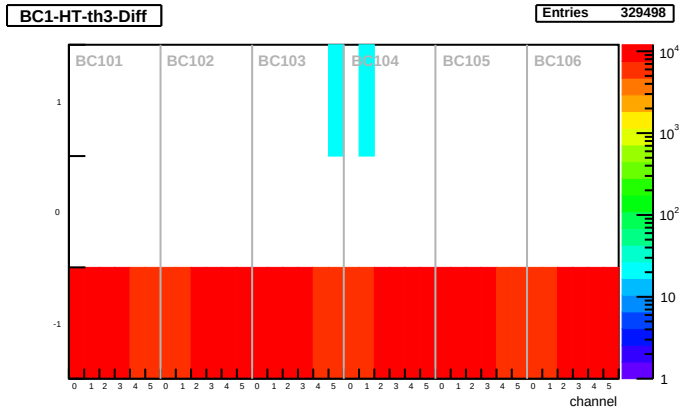

BC1-HT-th1
Entries 4768704
BC101
BC102
BC103
BC104
BC105
BC106
channel

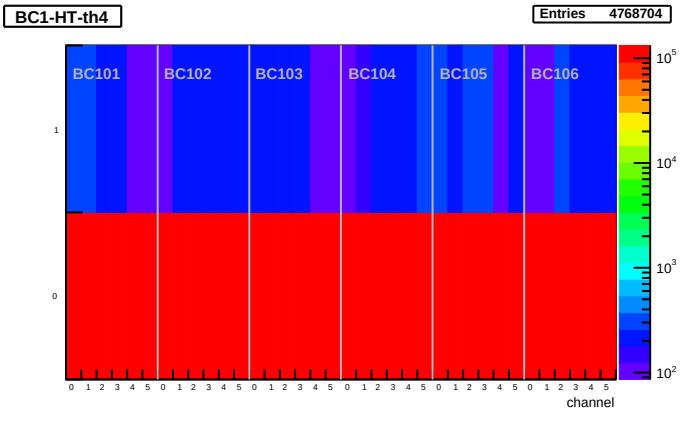

BC1-HT-th1-Diff
Entries 14756
BC101
BC102
BC103
BC104
BC105
BC106
channel

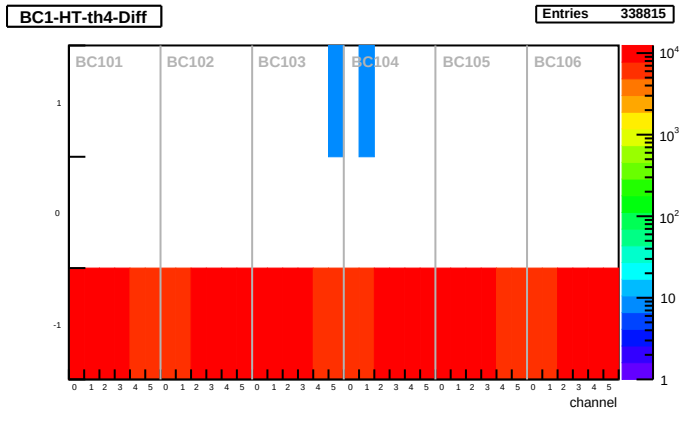

BC1-HT-th2
Entries 4768704
BC101
BC102
BC103
BC104
BC105
BC106
channel

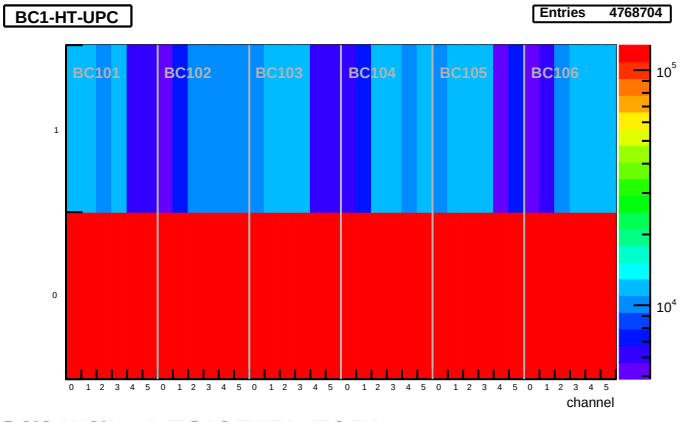

BC1-HT-th2-Diff
Entries 30134
BC101
BC102
BC103
BC104
BC105
BC106
channel

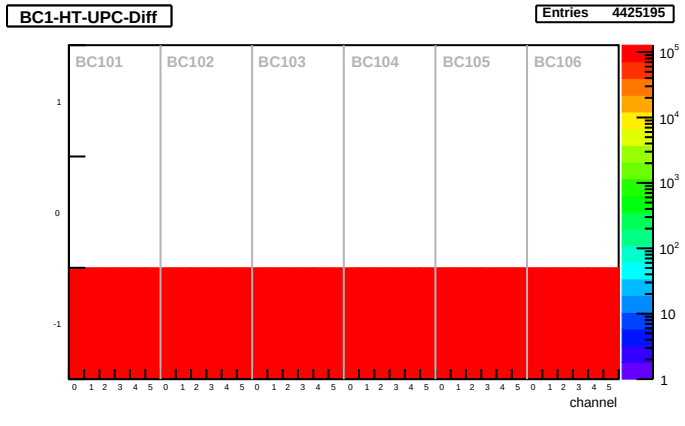

BC1-HT-th3
Entries 4768704
BC101
BC102
BC103
BC104
BC105
BC106
channel

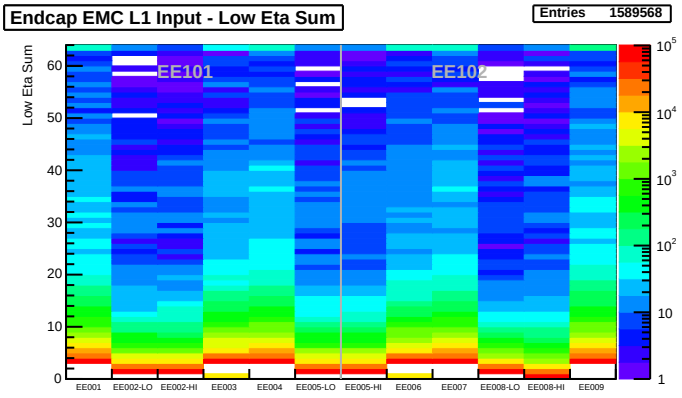

BC1-HT-th3-Diff
Entries 329498
BC101
BC102
BC103
BC104
BC105
BC106
channel

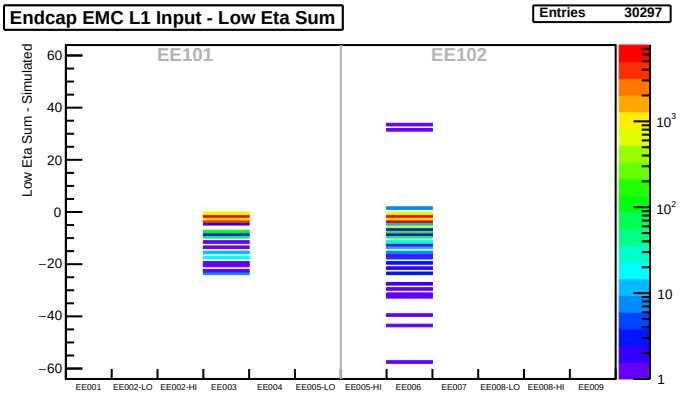

BC1-HT-th4
Entries 4768704
BC101
BC102
BC103
BC104
BC105
BC106
channel

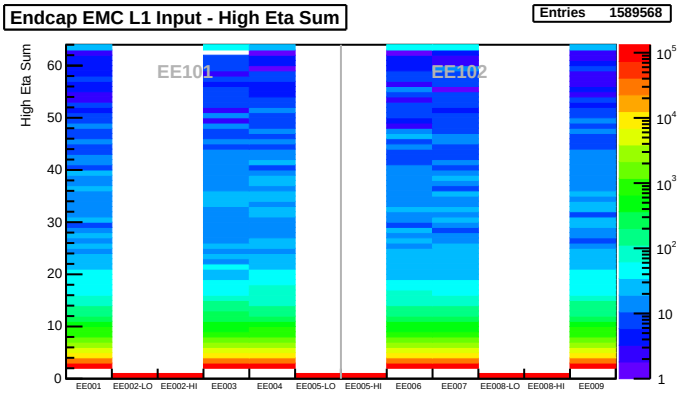

BC1-HT-th4-Diff
Entries 338815
BC101
BC102
BC103
BC104
BC105
BC106
channel

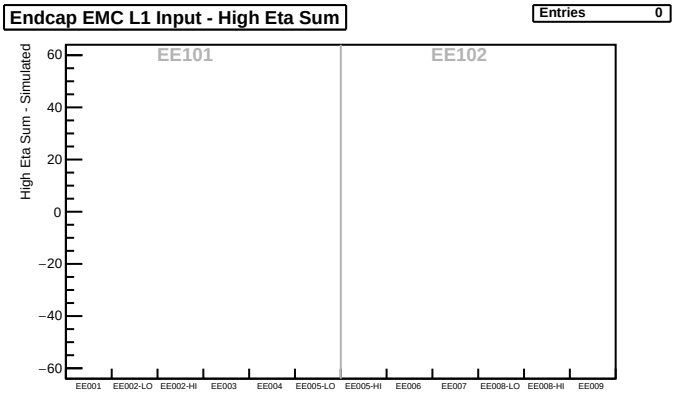

BC1-HT-UPC
Entries 4768704
BC101
BC102
BC103
BC104
BC105
BC106
channel

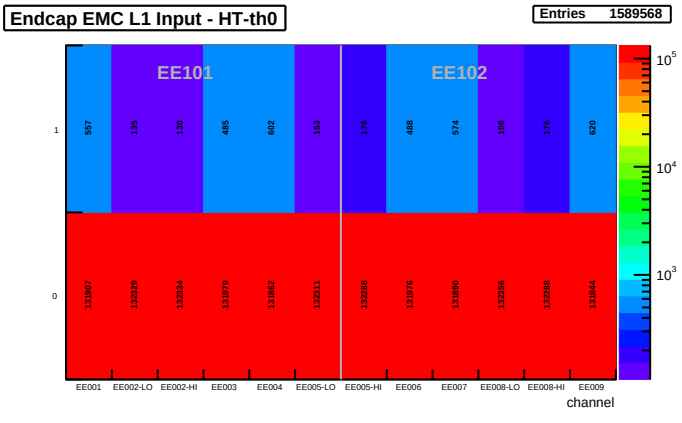

BC1-HT-UPC-Diff
Entries 4425195
BC101
BC102
BC103
BC104
BC105
BC106
channel

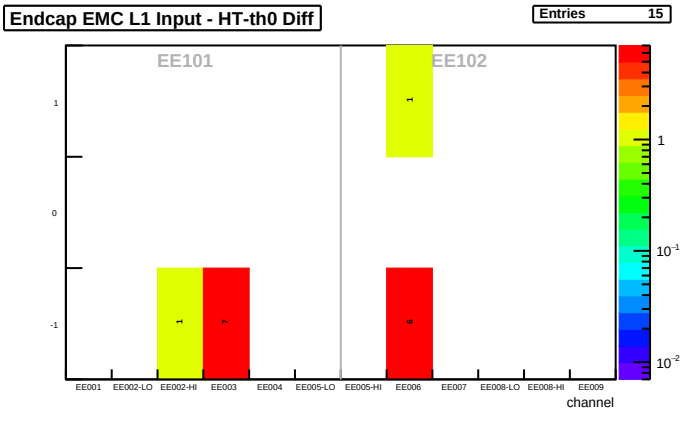

Endcap EMC L1 Input - Low Eta Sum
Entries 1589568
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

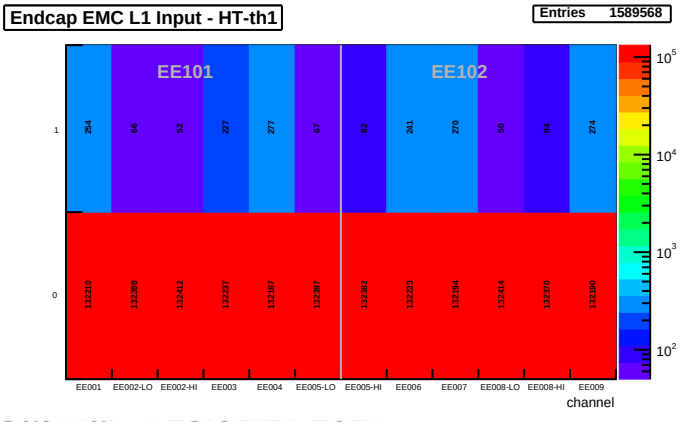

Endcap EMC L1 Input - Low Eta Sum
Entries 30297
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

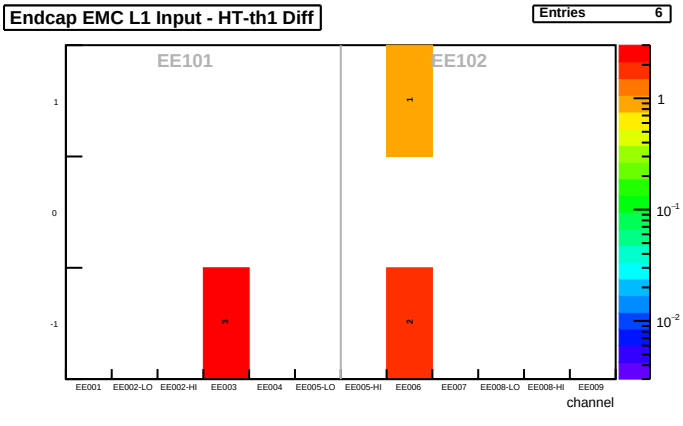

Endcap EMC L1 Input - High Eta Sum
Entries 1589568
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

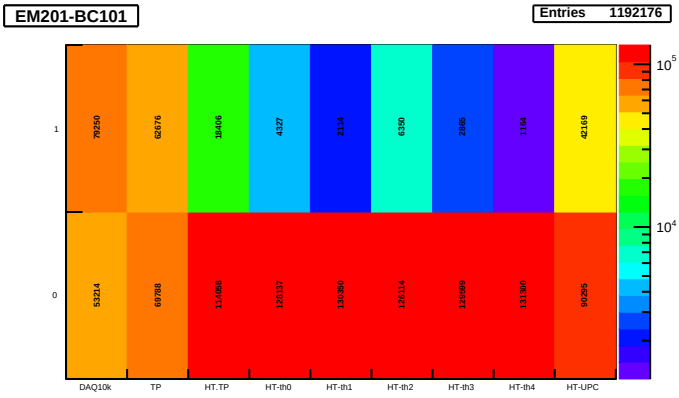

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

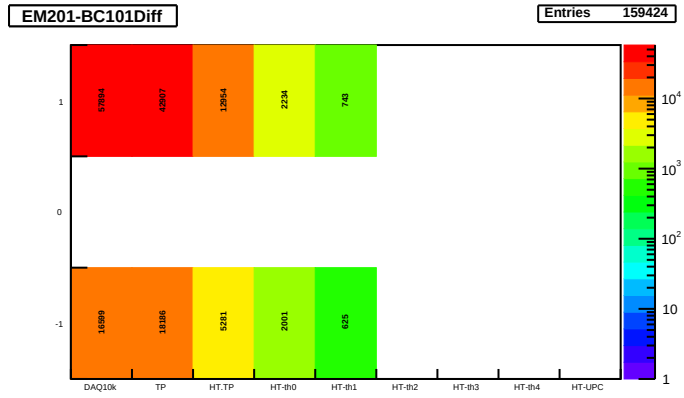

Endcap EMC L1 Input - HT-th0
Entries 1589568
EE101
EE102
557 135 130 495 602 153 176 498 574 188 176 620
131907 132229 132334 133979 133862 132111 132298 133976 133990 132356 132298 133844
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

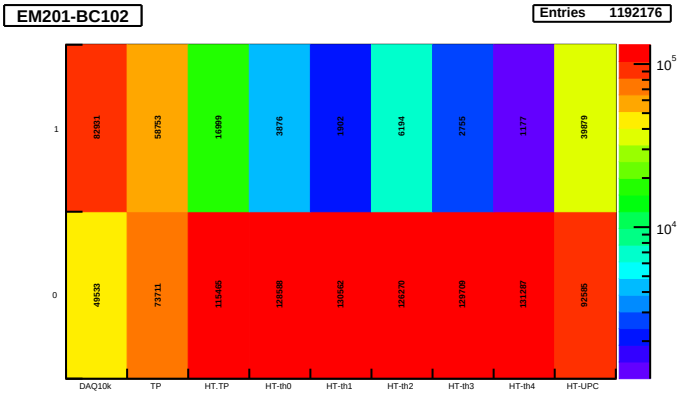

Endcap EMC L1 Input - HT-th0 Diff
Entries 15
EE101
EE102
1
1 7 6
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

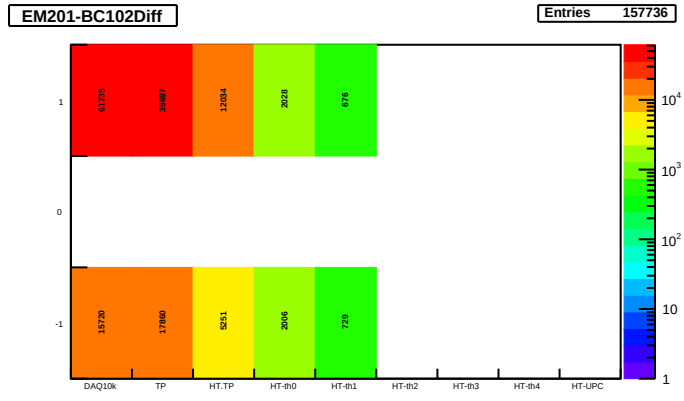

Endcap EMC L1 Input - HT-th1
Entries 1589568
EE101
EE102
254 66 52 227 277 67 82 241 270 50 94 274
132210 132398 132412 132227 132187 132397 132382 132223 132194 132414 132370 132190
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

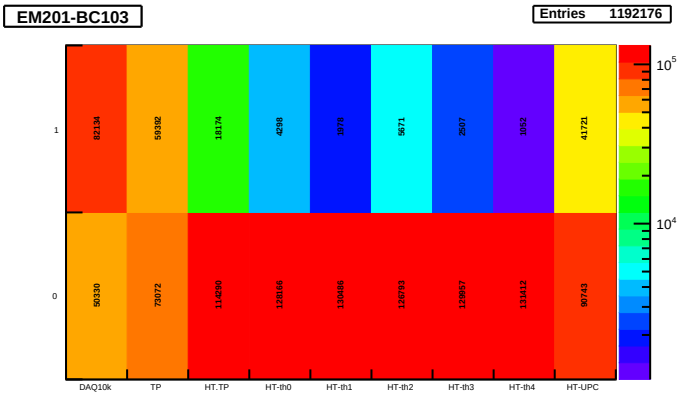

Endcap EMC L1 Input - HT-th1 Diff
Entries 6
EE101
EE102
1
3 2
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

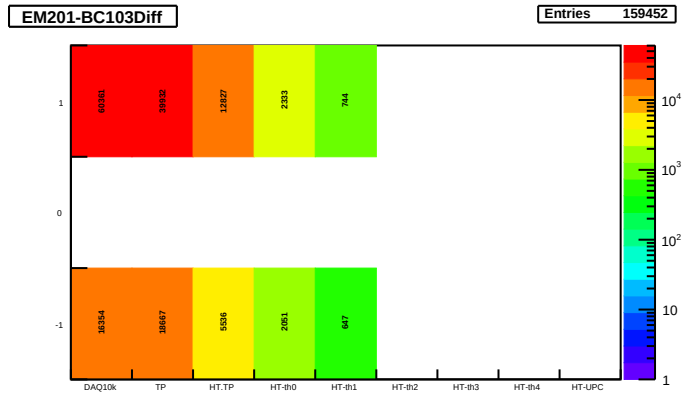

EM201-BC101
Entries 1192176
1
0
79250
62676
18406
4327
2114
6350
2865
1164
42169
53214
69788
114063
128137
130350
126114
129399
131300
90295
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4

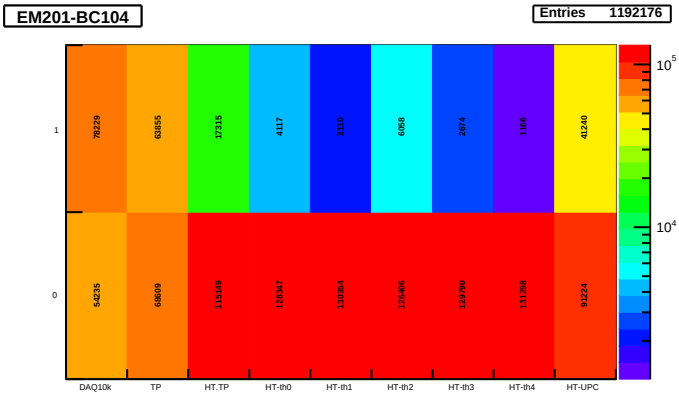

EM201-BC101Diff
Entries 159424
1
0
-1
57894
42907
12954
2234
743
16599
18186
5281
2001
625
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

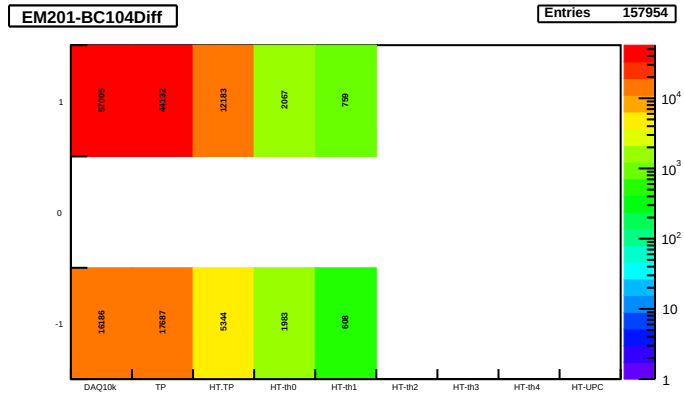

EM201-BC102
Entries 1192176
1
0
82881
58753
16999
3876
1902
6194
2755
1177
39879
49533
73711
115465
128588
130562
126270
129709
131287
92585
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC102Diff
Entries 157736
1
0
-1
61735
39697
12034
2028
676
15720
17860
5251
2006
729
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

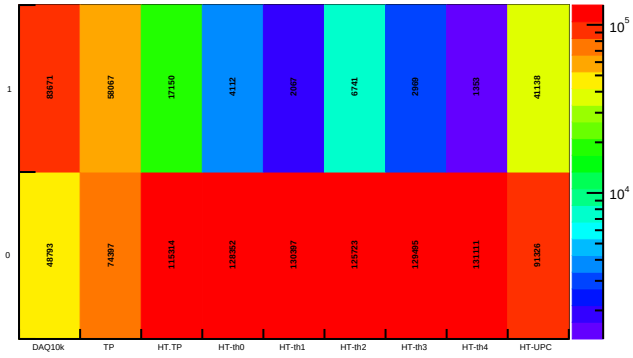

EM201-BC103
Entries 1192176
1
0
82134
59382
18174
4298
1978
5671
2507
1052
41721
50330
72072
114290
128166
130486
126703
129957
133412
90743
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC103Diff
Entries 159452
1
0
-1
60361
39532
12827
2333
744
16354
18667
5536
2051
647
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

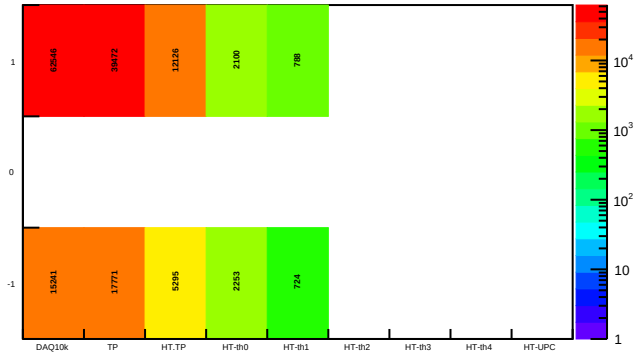

EM201-BC104
Entries 1192176
1
0
78229
63855
17315
4117
2110
6058
2674
1186
41240
54235
68609
115149
128347
130354
126405
129790
131298
91224
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC104Diff
Entries 157954
1
0
-1
57005
44132
12183
2067
759
16186
17687
5344
1983
608
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

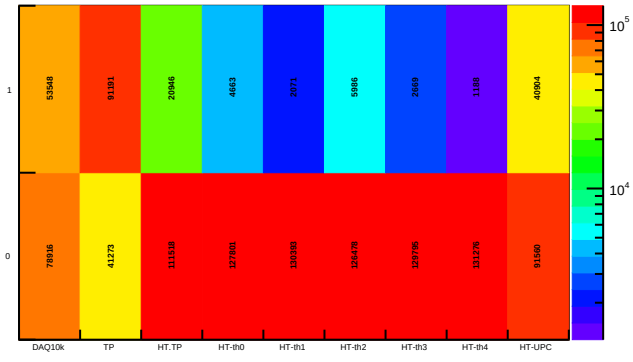
EM201-BC105 Entries 1192176



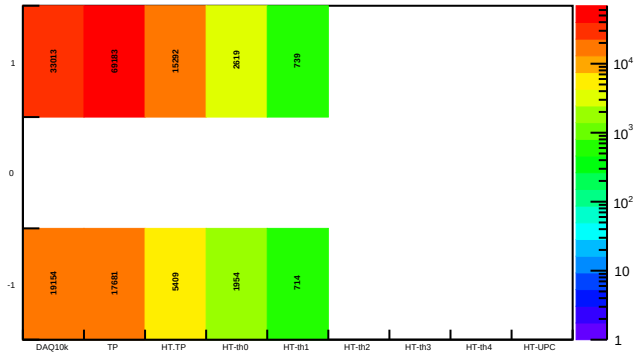
EM201-BC105Diff Entries 158316



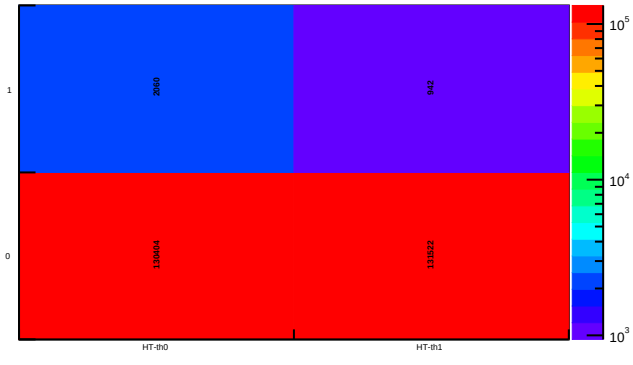
EM201-BC106 Entries 1192176



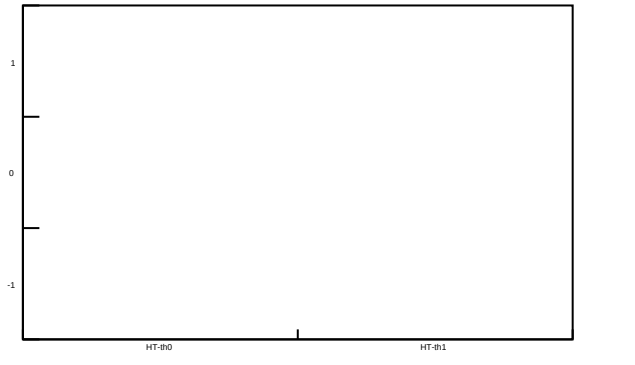
EM201-BC106Diff Entries 165758



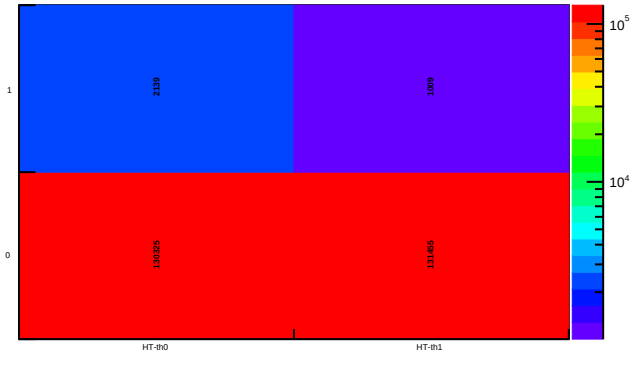
EM201-EE101 Entries 264928



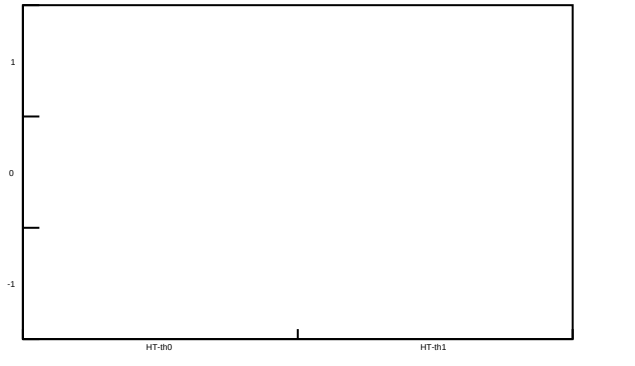
EM201-EE101Diff Entries 0

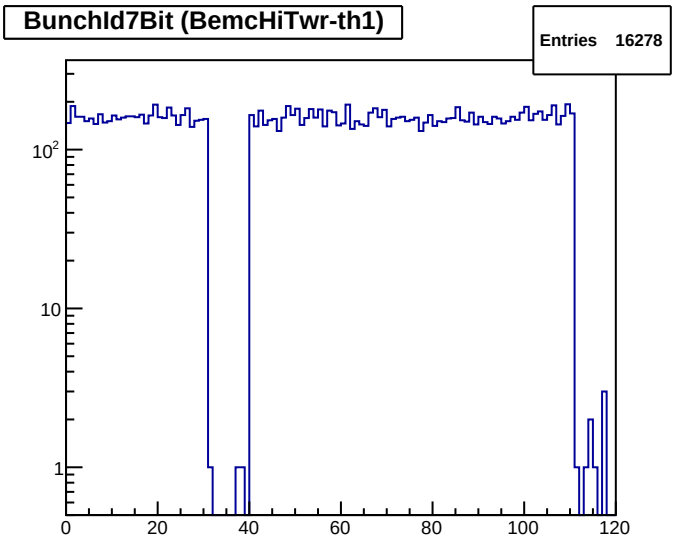


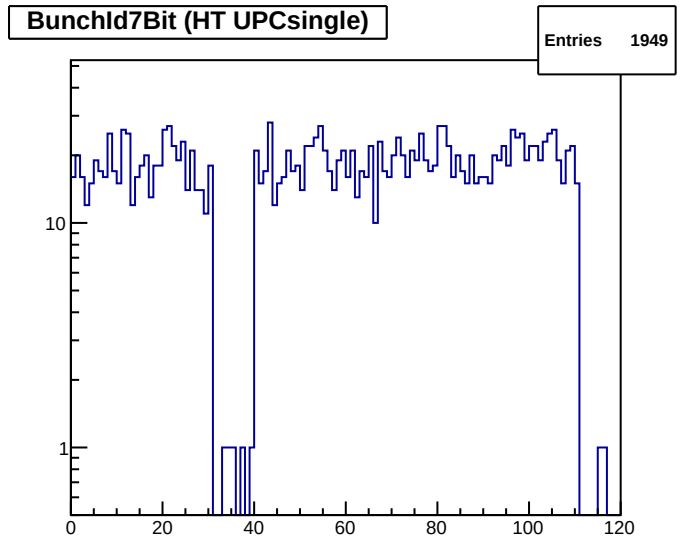
EM201-EE102 Entries 264928

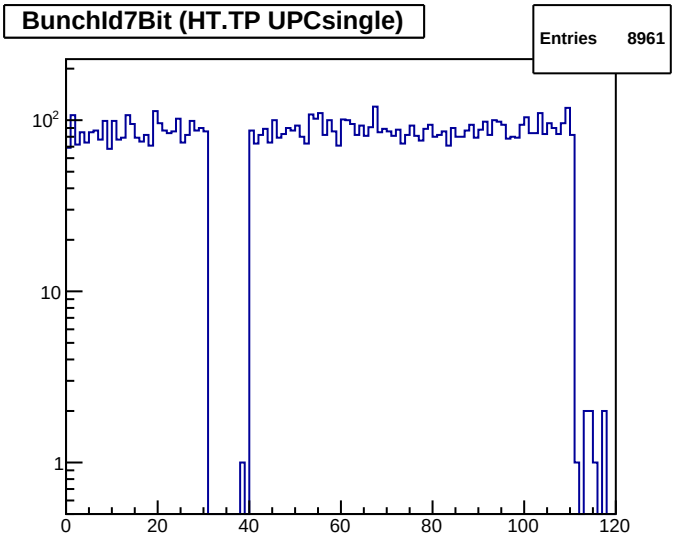


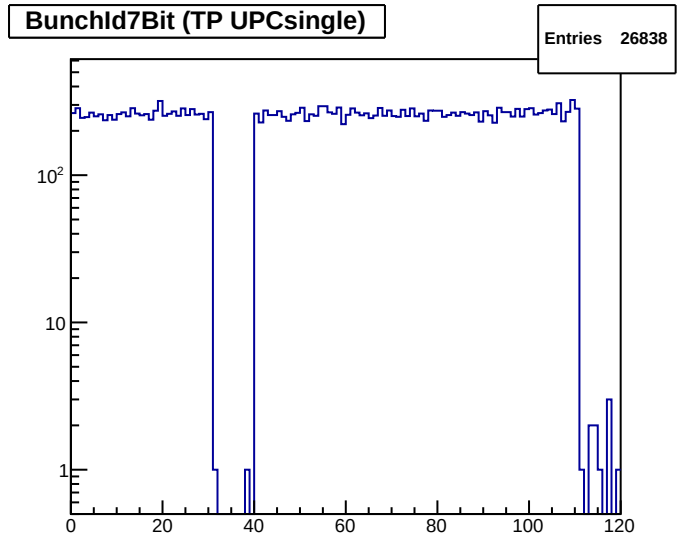
EM201-EE102Diff Entries 0

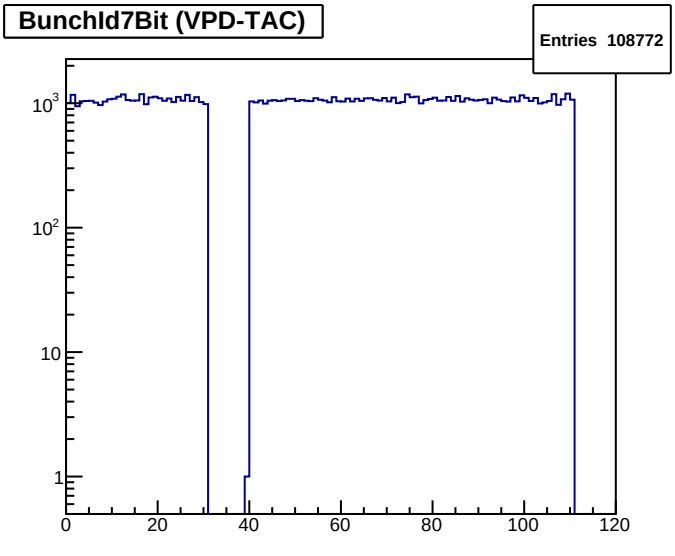


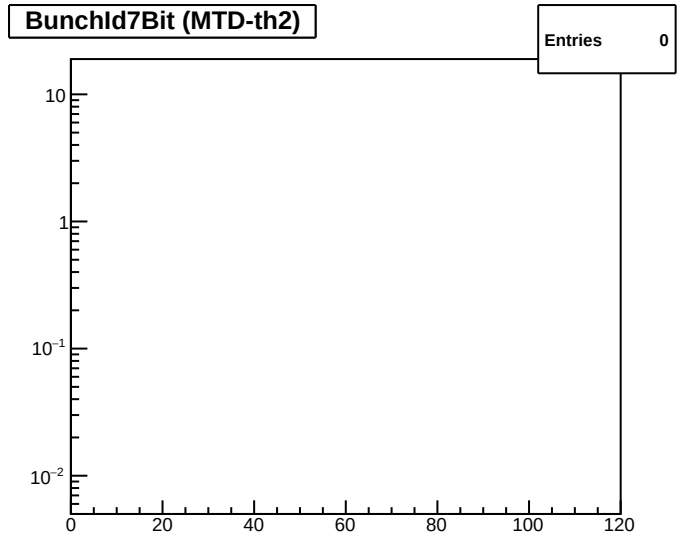

BunchId7Bit (BemcHiTwr-th1)
Entries 16278

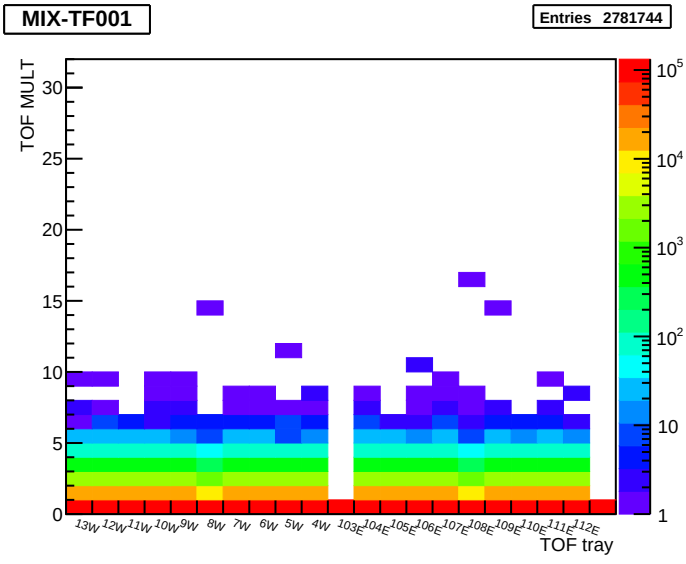

BunchId7Bit (HT UPCsingle)
Entries 1949

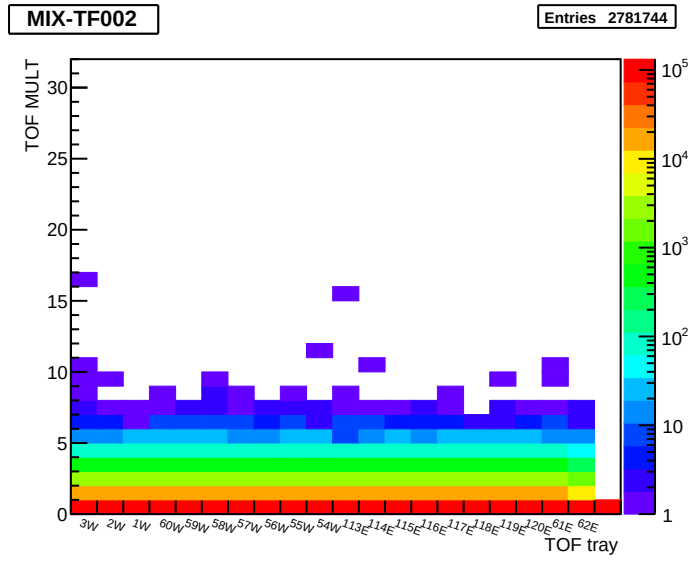

BunchId7Bit (HT.TP UPCsingle)
Entries 8961

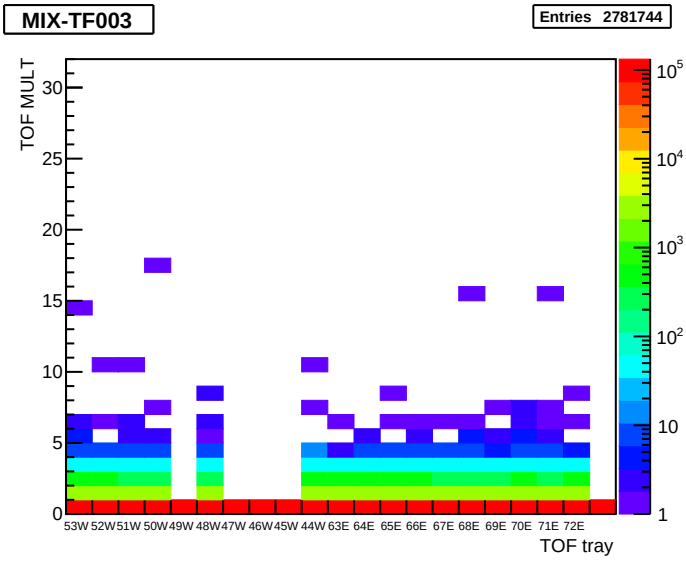

BunchId7Bit (TP UPCsingle)
Entries 26838

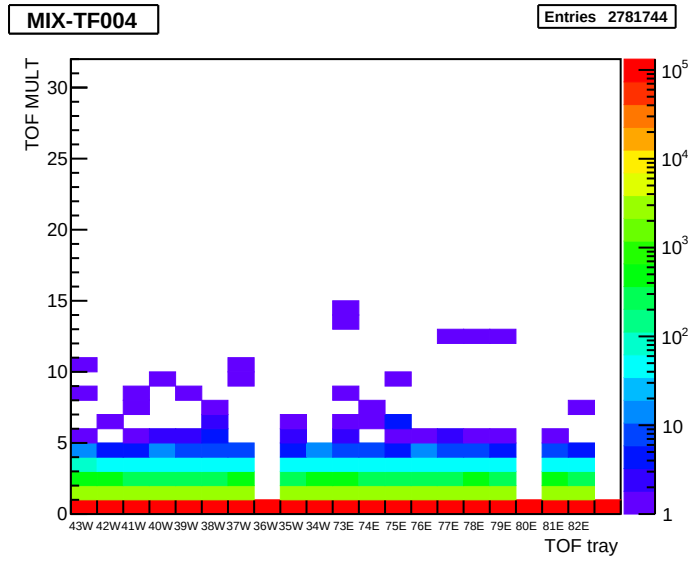

BunchId7Bit (VPD-TAC)
Entries 108772

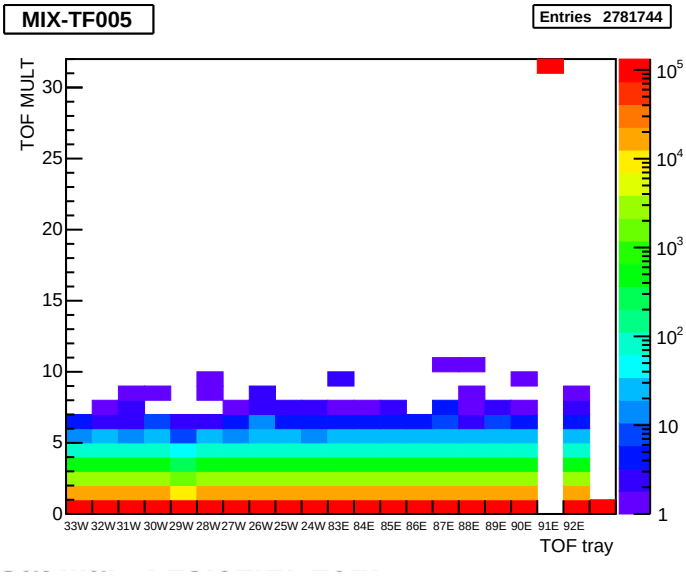

BunchId7Bit (MTD-th2)
Entries 0

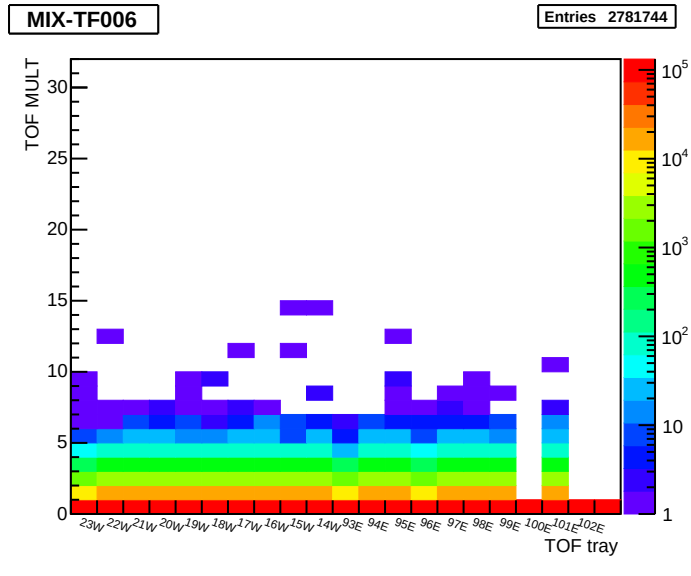

MIX-TF001
Entries 2781744
TOF MULT
TOF tray

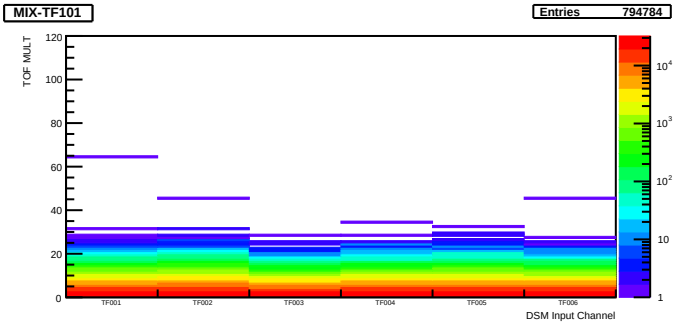

MIX-TF002
Entries 2781744
TOF MULT
TOF tray

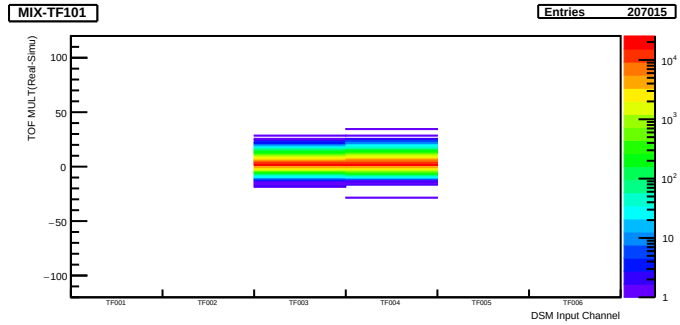

MIX-TF003
Entries 2781744
TOF MULT
TOF tray

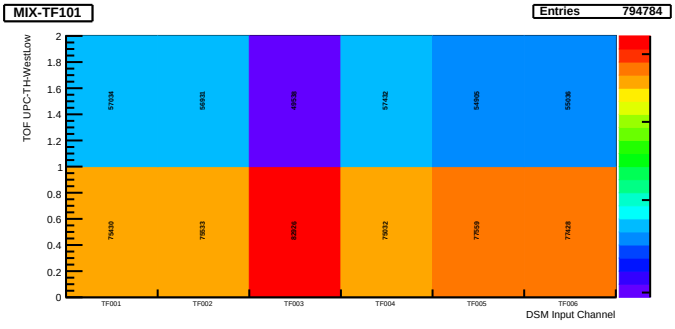

MIX-TF004
Entries 2781744
TOF MULT
TOF tray

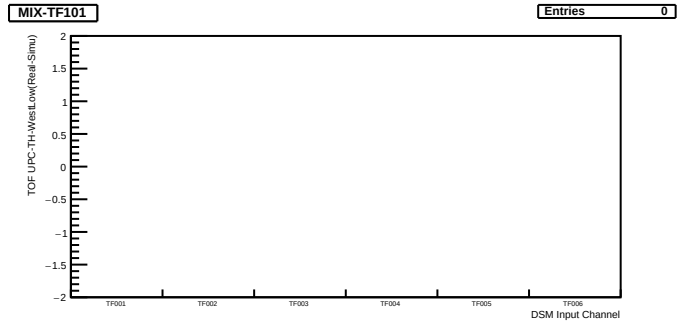

MIX-TF005
Entries 2781744
TOF MULT
TOF tray

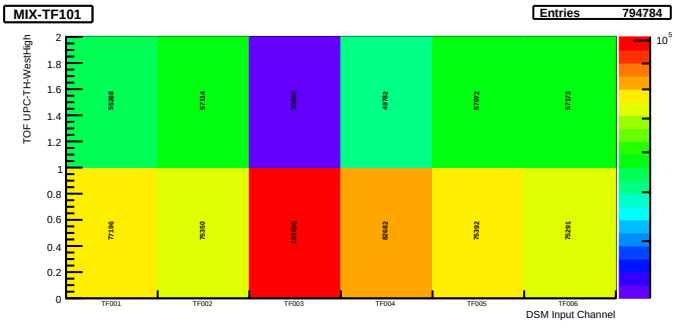

MIX-TF006
Entries 2781744
TOF MULT
TOF tray

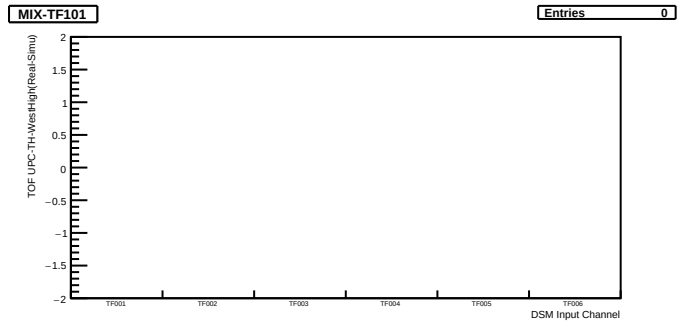

MIX-TF101
Entries 794784
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

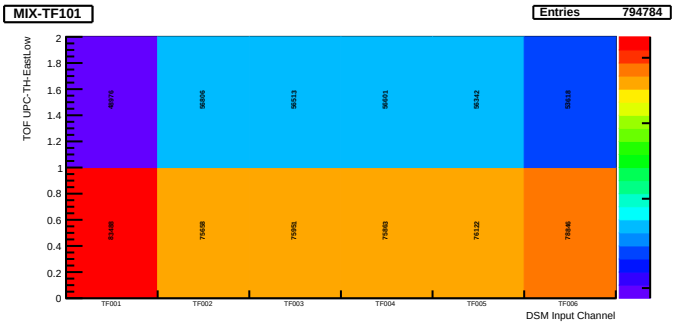

MIX-TF101
Entries 207015
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

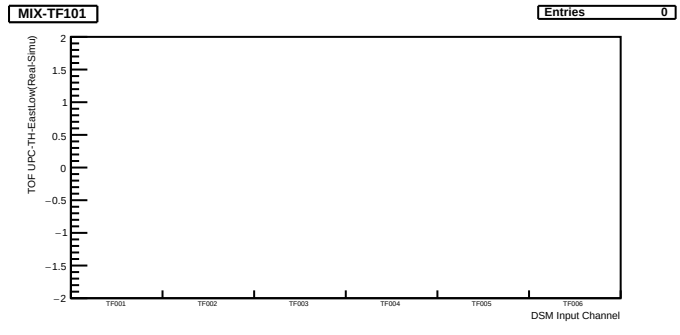

MIX-TF101
Entries 794784
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

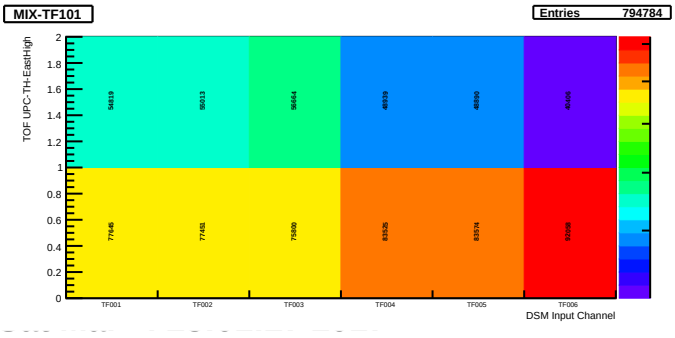

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

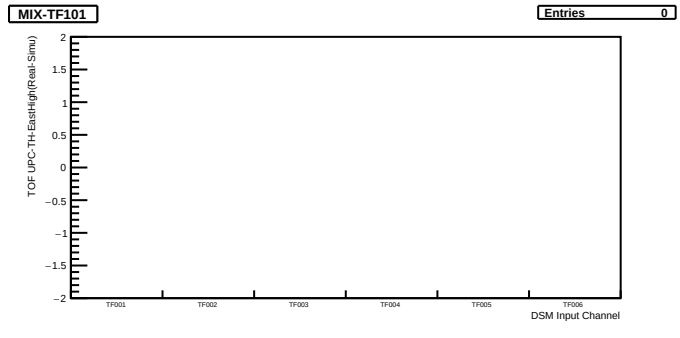

MIX-TF101
Entries 794784
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

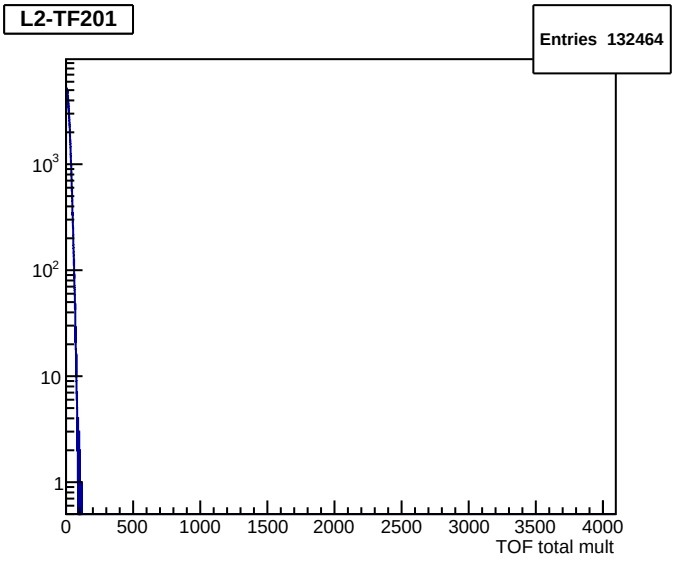

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

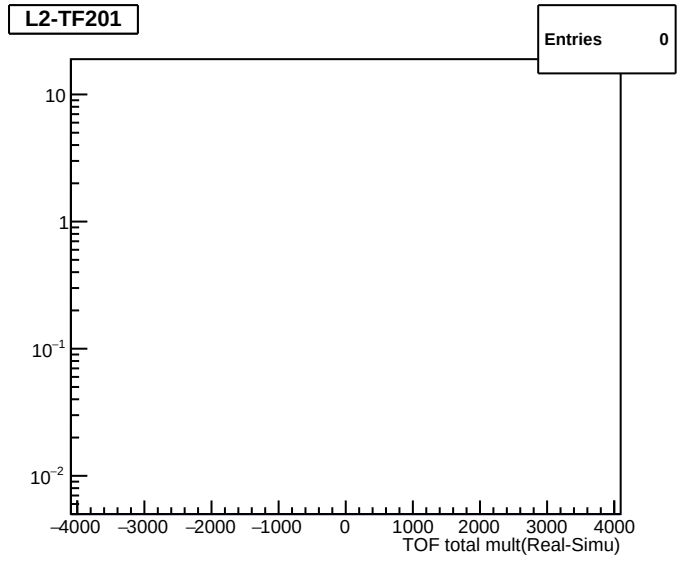

MIX-TF101
Entries 794784
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

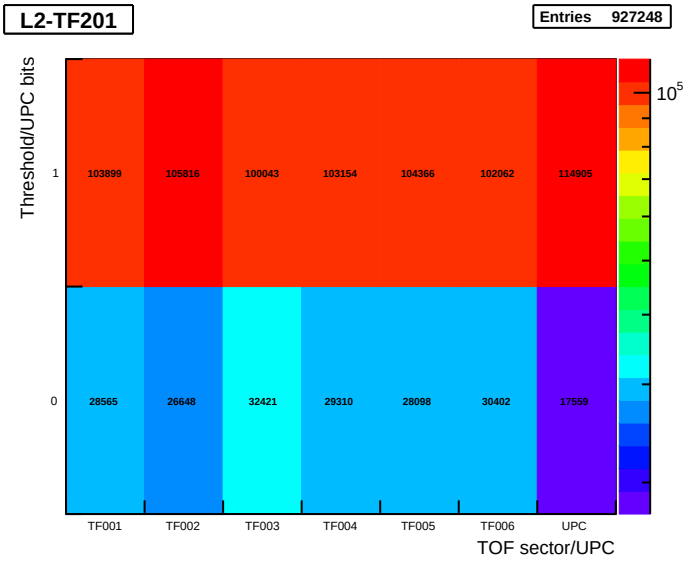

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

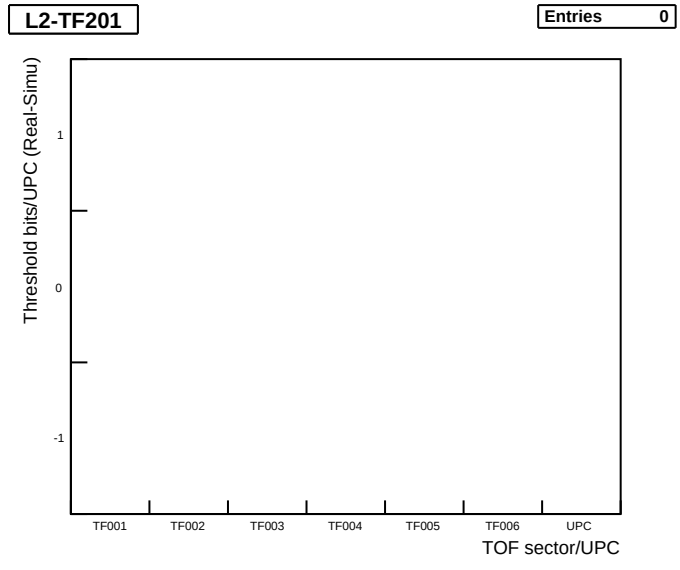

MIX-TF101
Entries 794784
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

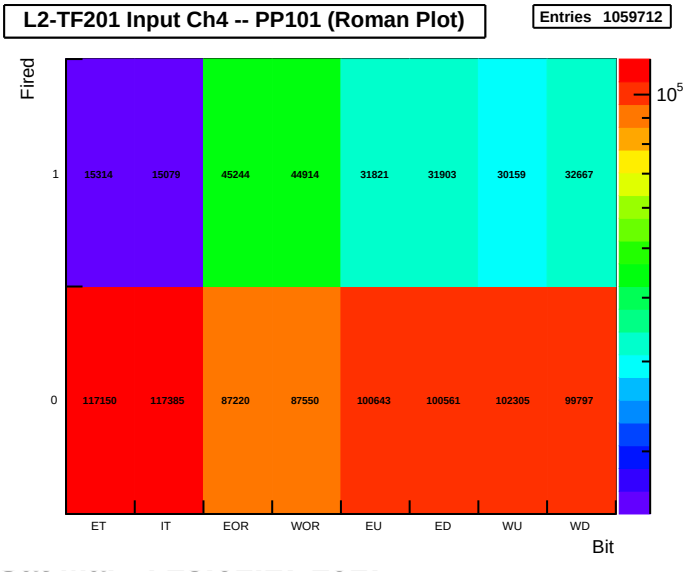

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

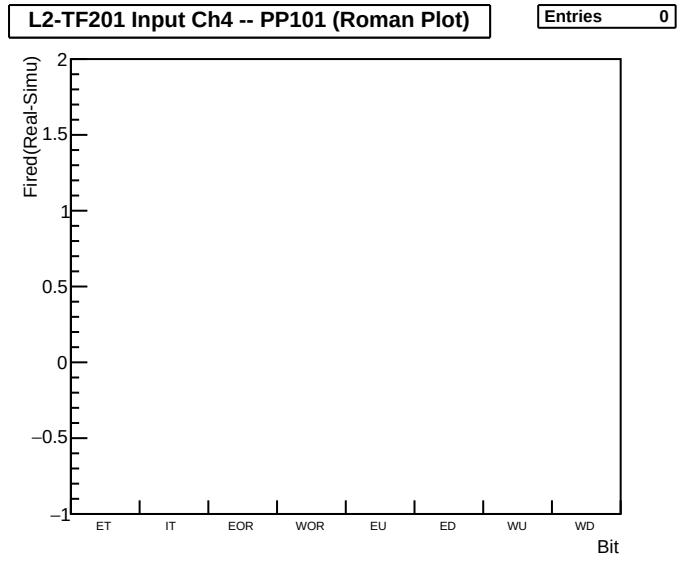

L2-TF201
Entries 132464
TOF total mult

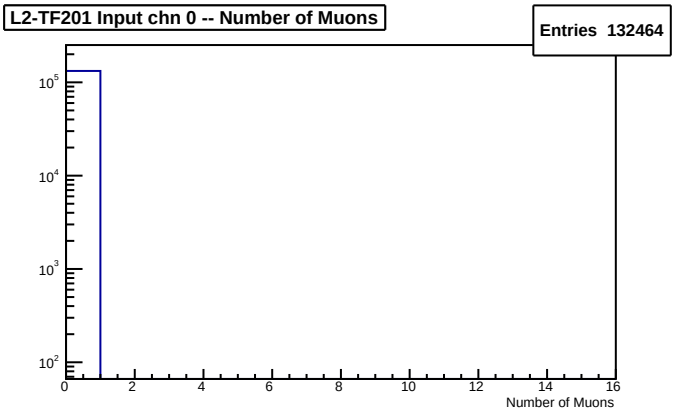

L2-TF201
Entries 0
TOF total mult(Real-Simu)

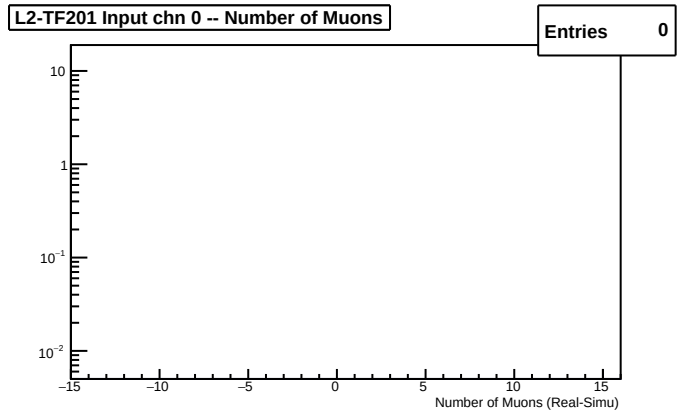

L2-TF201
Entries 927248
Threshold/UPC bits
103899
105816
100043
103154
104366
102062
114905
28565
26648
32421
29310
28098
30402
17559
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

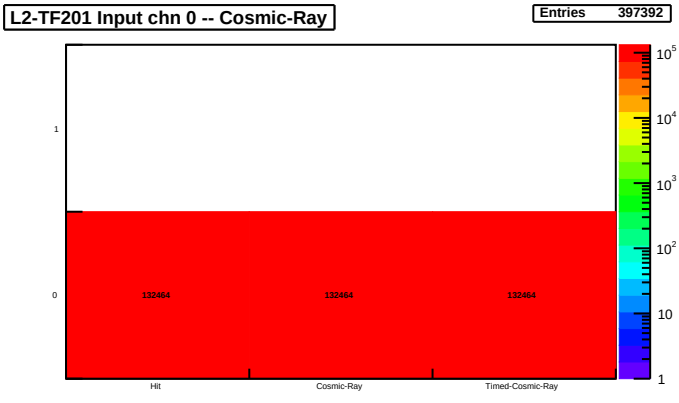

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

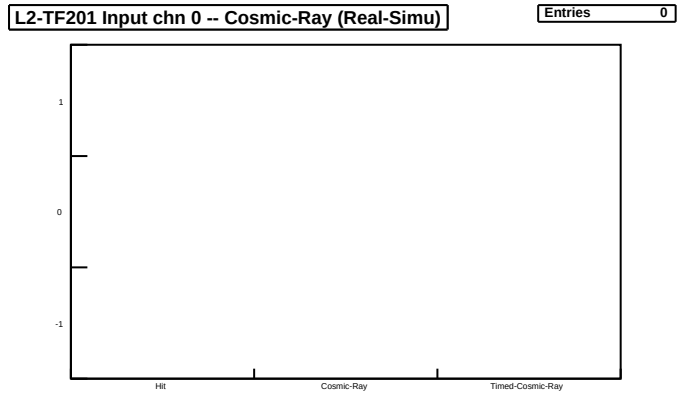

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1059712
Fired
15314
15079
45244
44914
31821
31903
30159
32667
117150
117385
87220
87550
100643
100561
102305
99797
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

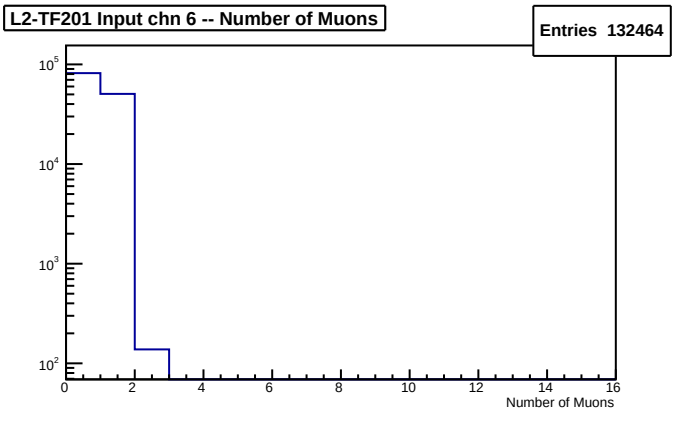

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

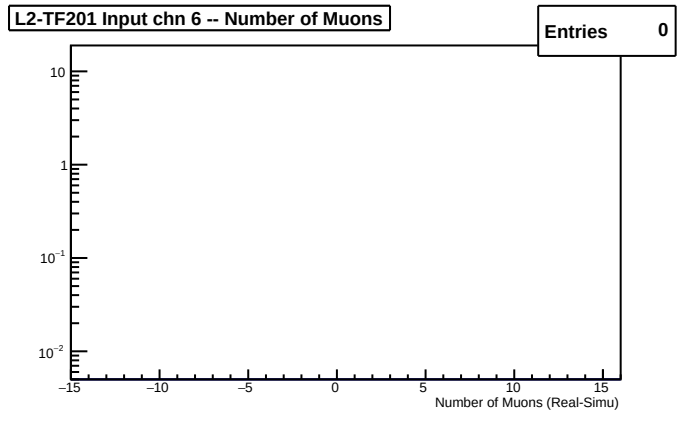

L2-TF201 Input chn 0 -- Number of Muons
Entries 132464
Number of Muons

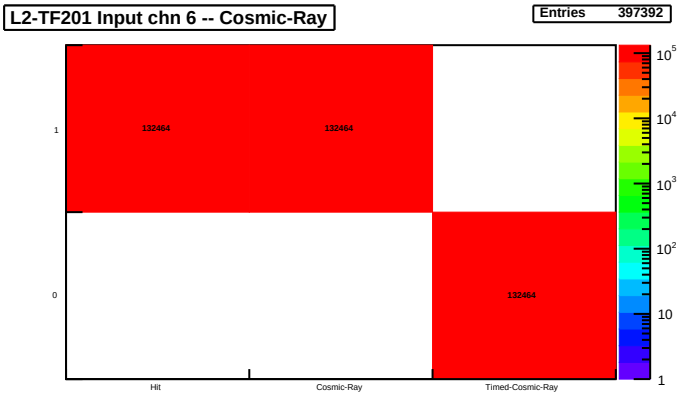

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

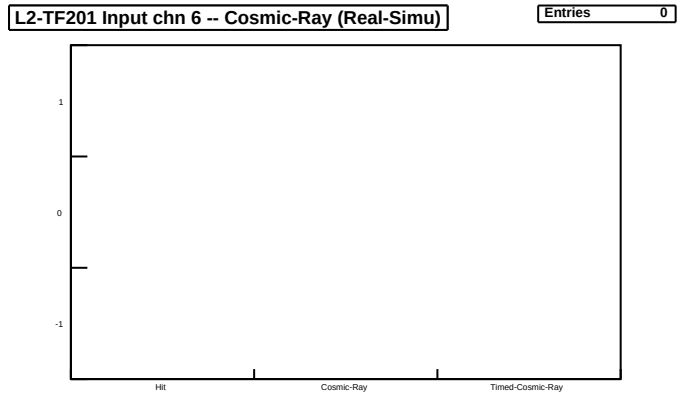

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 397392
132464
132464
132464
Hit
Cosmic-Ray
Timed-Cosmic-Ray

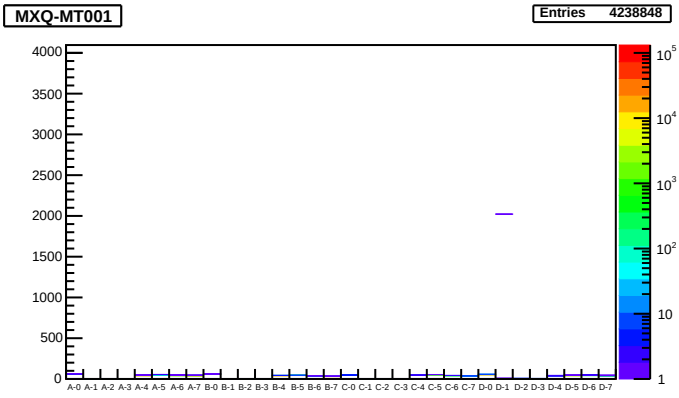

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

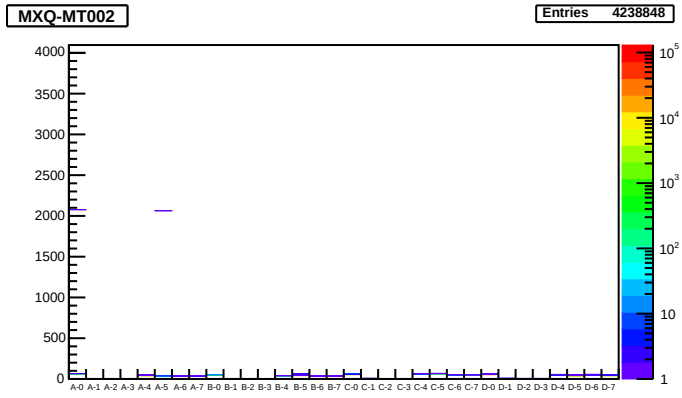

L2-TF201 Input chn 6 -- Number of Muons
Entries 132464
Number of Muons

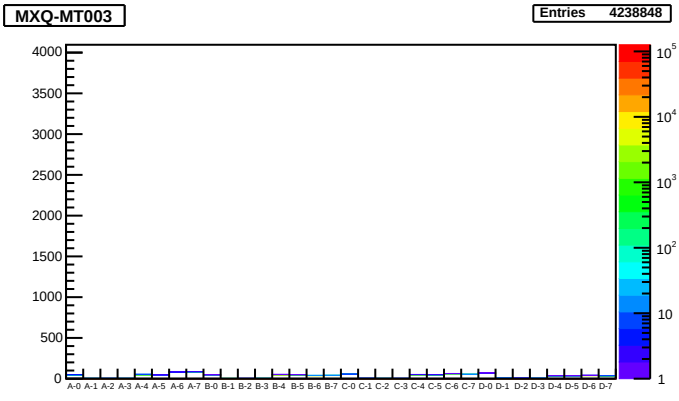

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

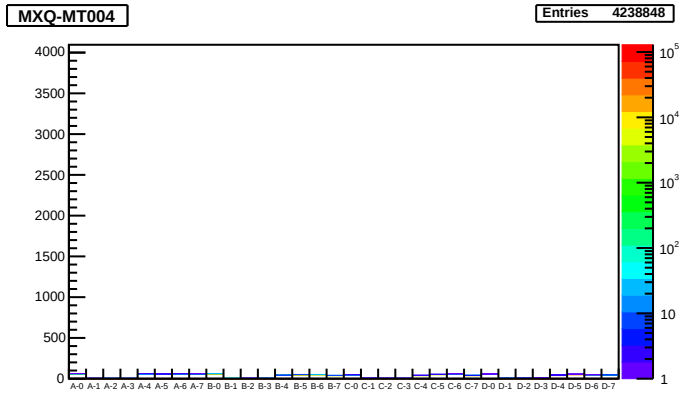

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 397392
132464
132464
132464
Hit
Cosmic-Ray
Timed-Cosmic-Ray

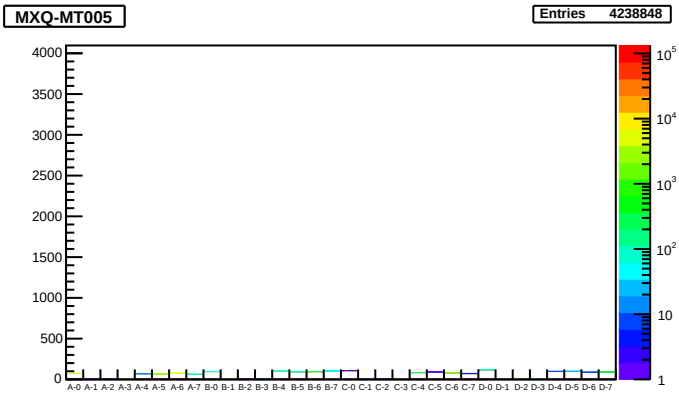

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

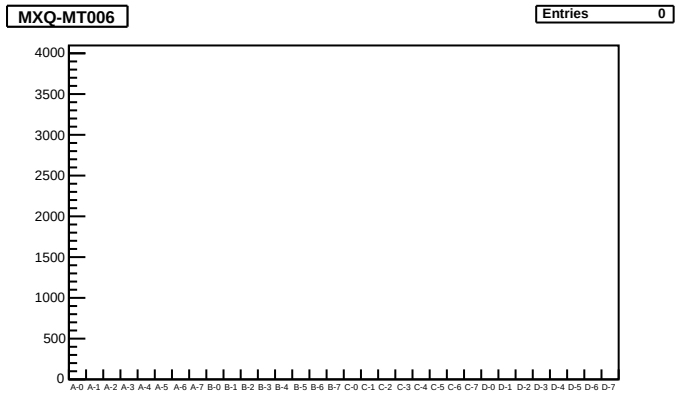

MXQ-MT001
Entries 4238848

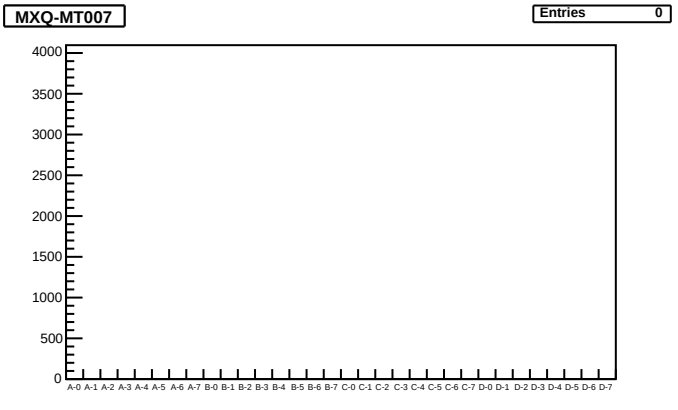

MXQ-MT002
Entries 4238848

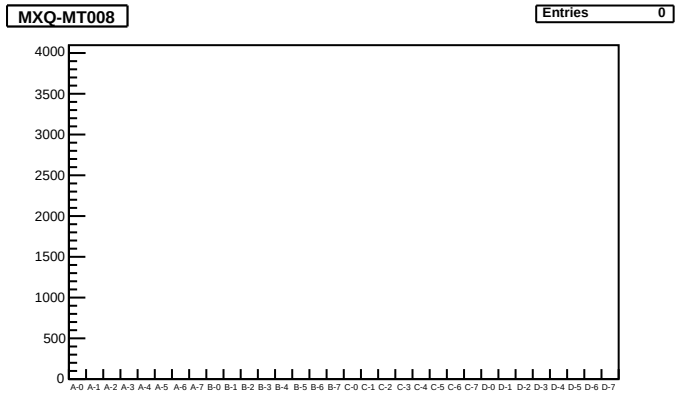

MXQ-MT003
Entries 4238848

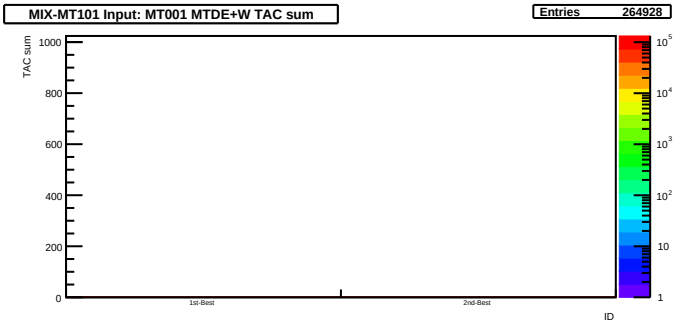

MXQ-MT004
Entries 4238848

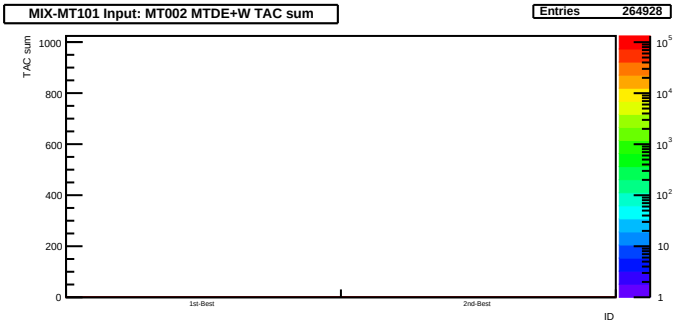

MXQ-MT005
Entries 4238848

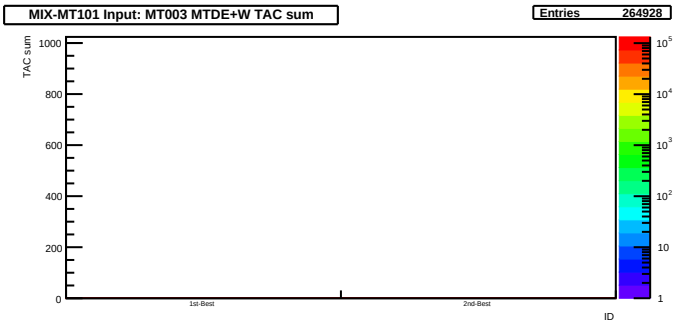

MXQ-MT006
Entries 0

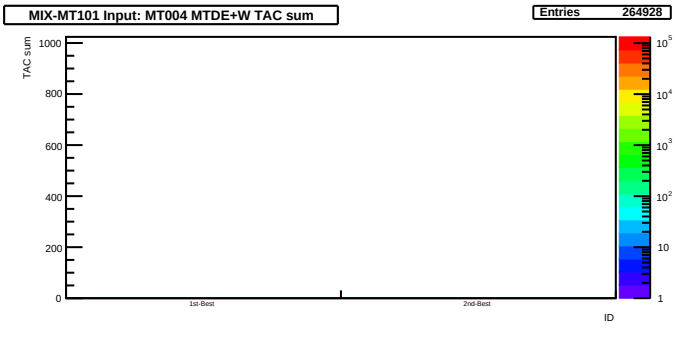

MXQ-MT007
Entries 0

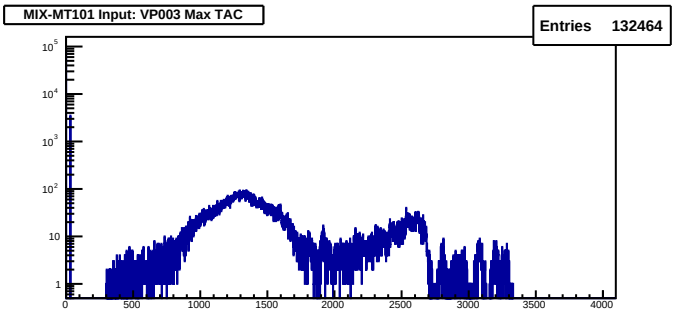

MXQ-MT008
Entries 0

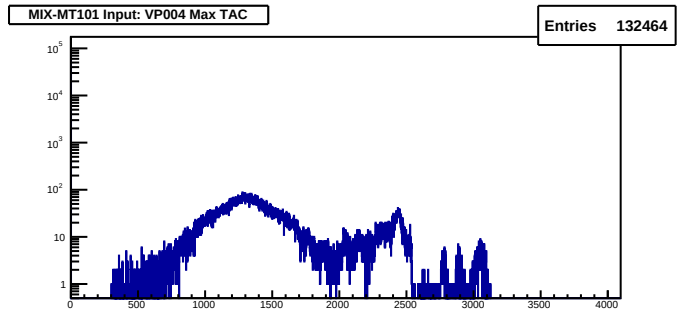

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 264928
TAC sum
1st-Best
2nd-Best
ID

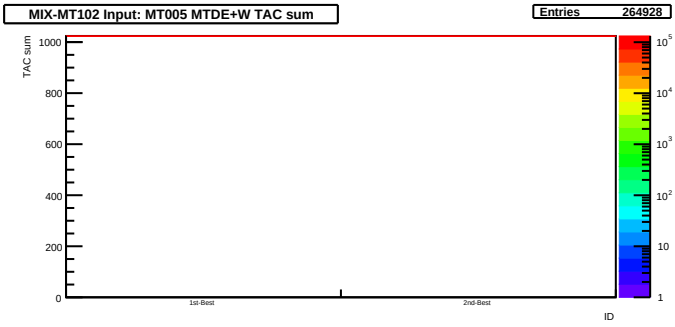

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 264928
TAC sum
1st-Best
2nd-Best
ID

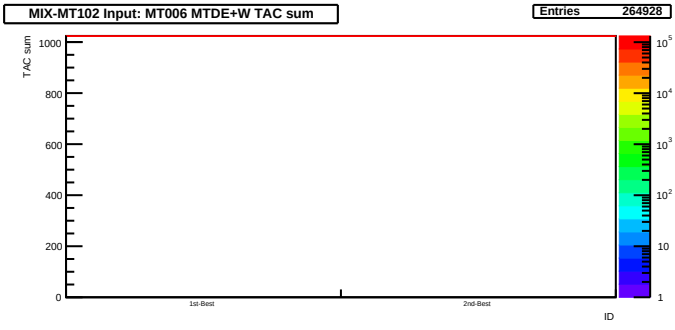

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 264928
TAC sum
1st-Best
2nd-Best
ID

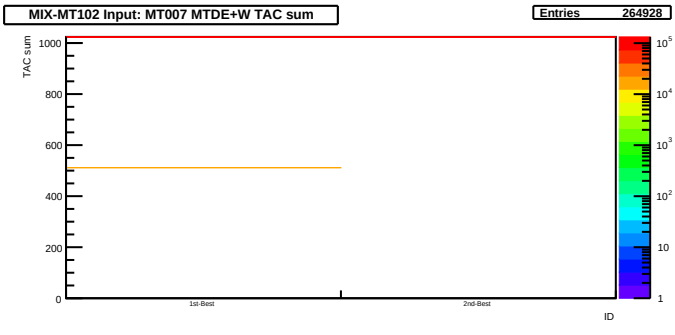

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 264928
TAC sum
1st-Best
2nd-Best
ID

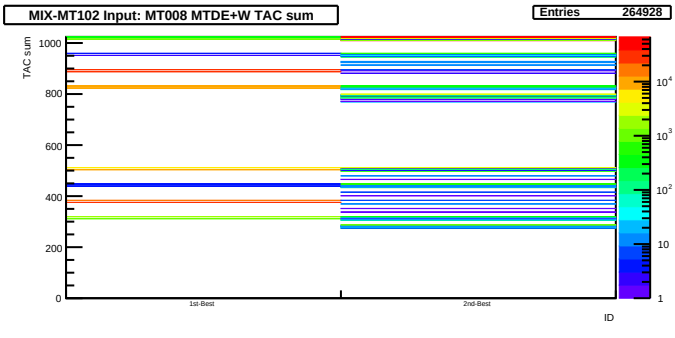

MIX-MT101 Input: VP003 Max TAC
Entries 132464

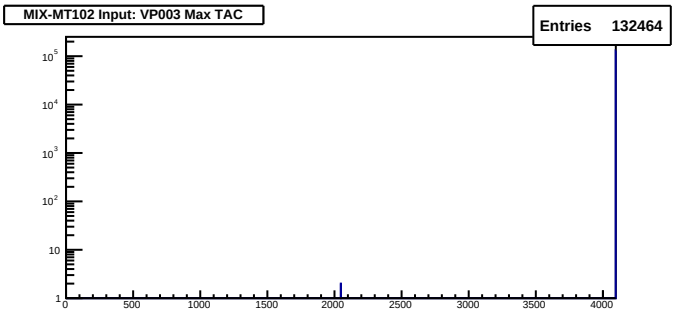

MIX-MT101 Input: VP004 Max TAC
Entries 132464

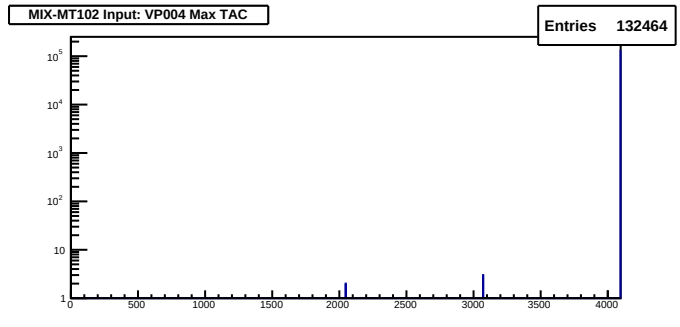

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 264928
TAC sum
1st-Best
2nd-Best
ID

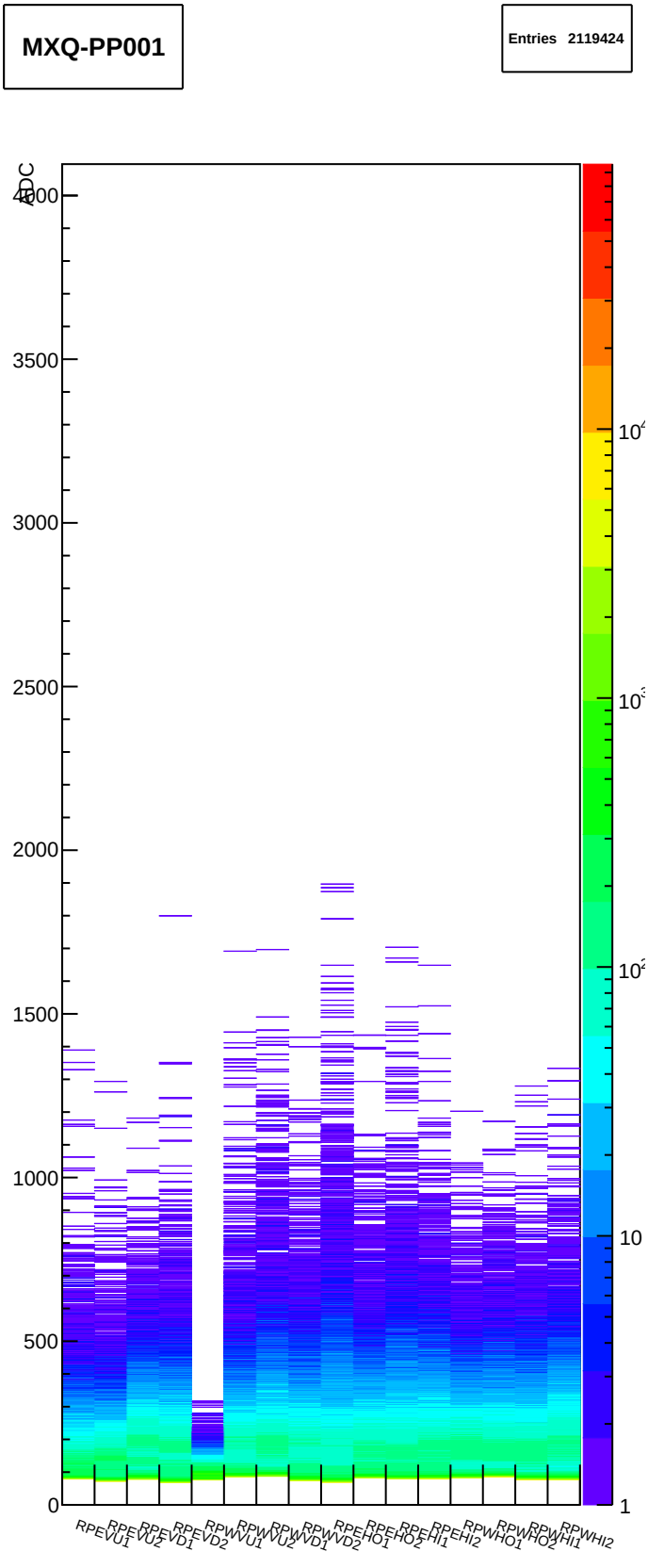

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 264928
TAC sum
1st-Best
2nd-Best
ID

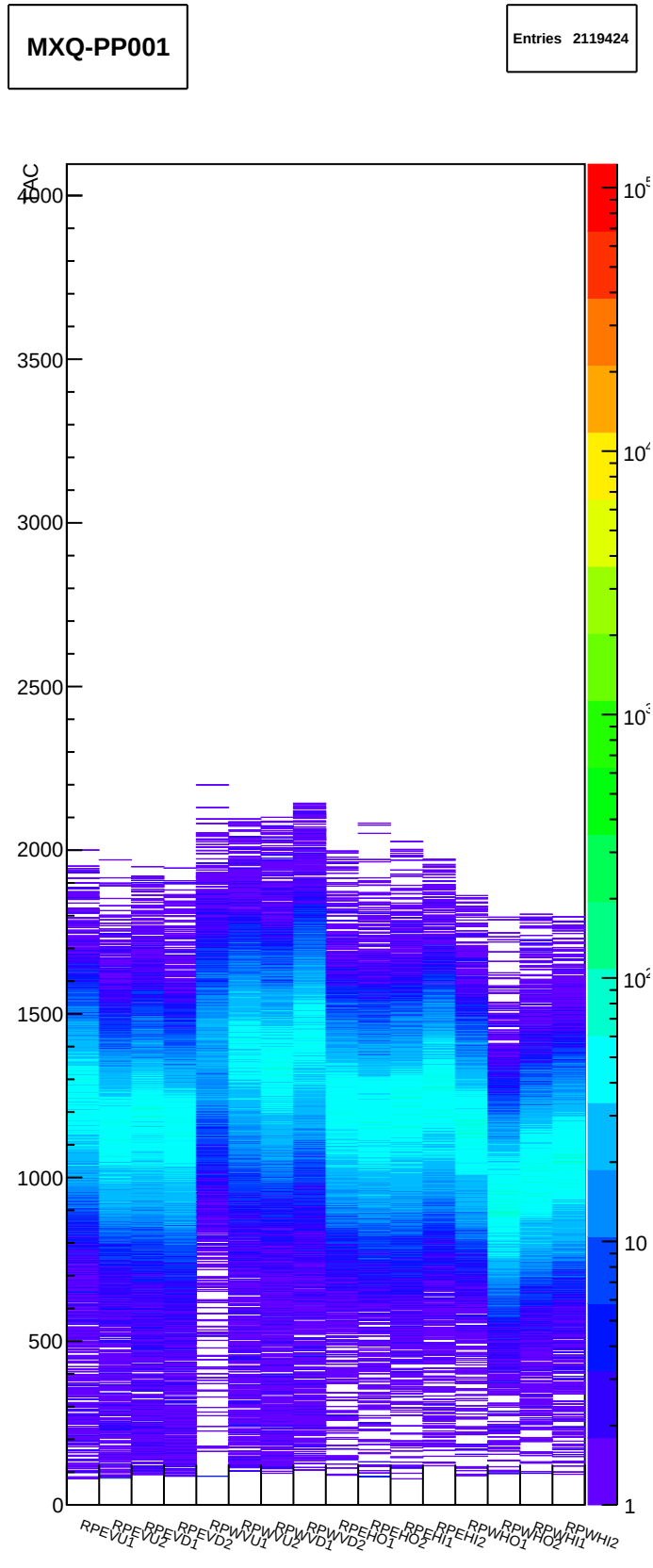

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 264928
TAC sum
1st-Best
2nd-Best
ID

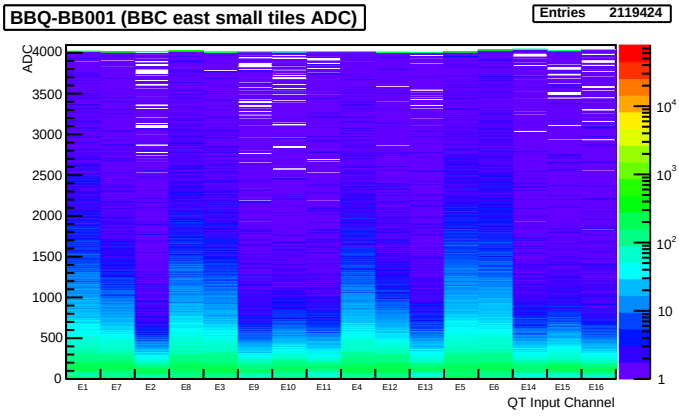

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 264928
TAC sum
1st-Best
2nd-Best
ID

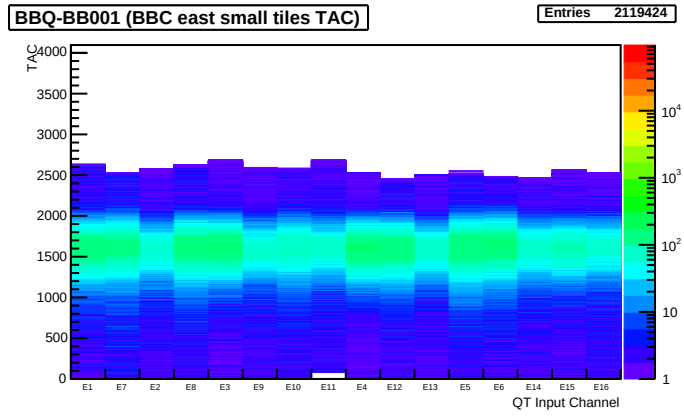

MIX-MT102 Input: VP003 Max TAC
Entries 132464

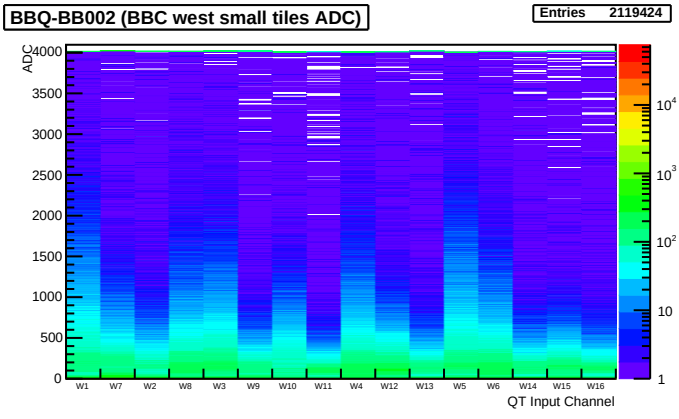

MIX-MT102 Input: VP004 Max TAC
Entries 132464

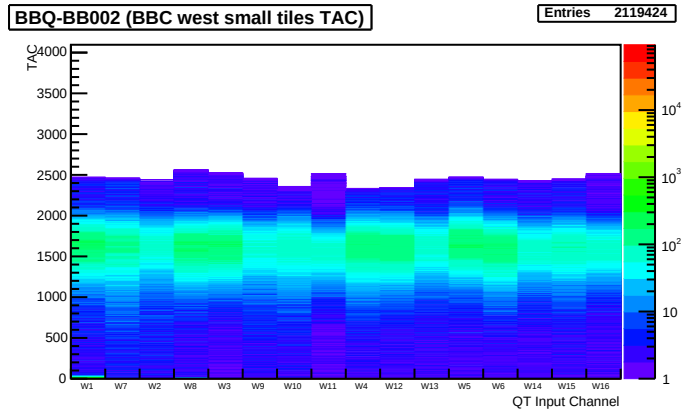

MXQ-PP001
Entries 2119424
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

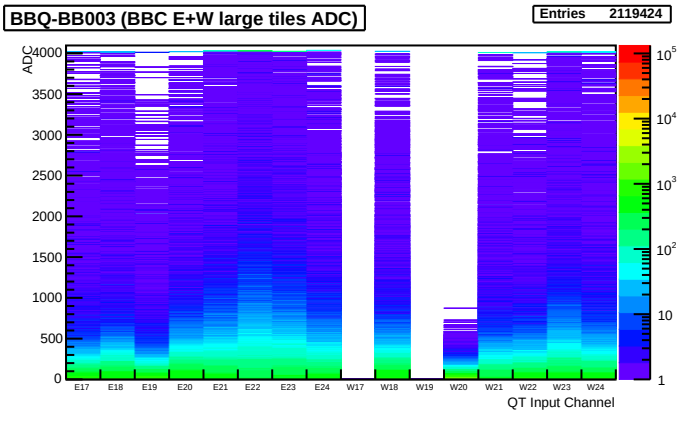

MXQ-PP001
Entries 2119424
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

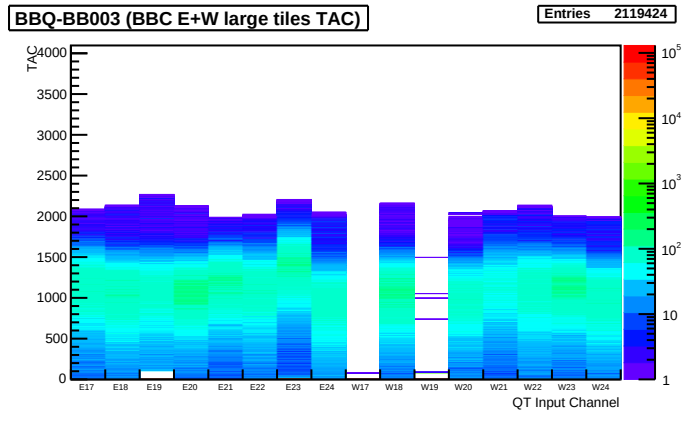

BBQ-BB001 (BBC east small tiles ADC)
Entries 2119424
ADC
QT Input Channel

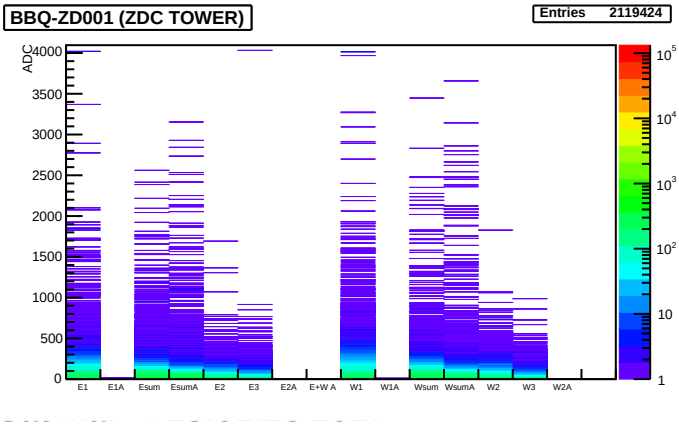

BBQ-BB001 (BBC east small tiles TAC)
Entries 2119424
TAC
QT Input Channel

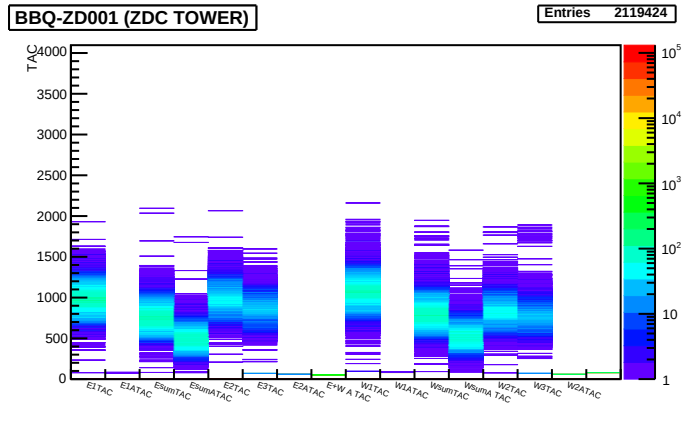

BBQ-BB002 (BBC west small tiles ADC)
Entries 2119424
ADC
QT Input Channel

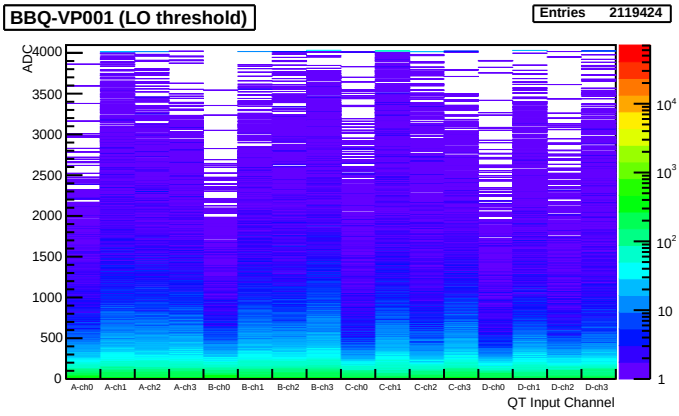

BBQ-BB002 (BBC west small tiles TAC)
Entries 2119424
TAC
QT Input Channel

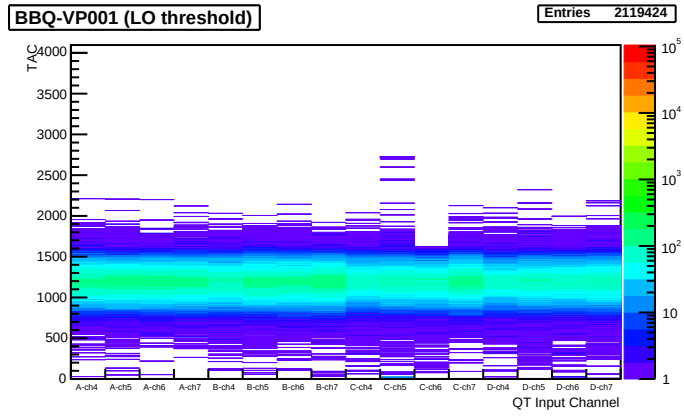

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2119424
ADC
QT Input Channel

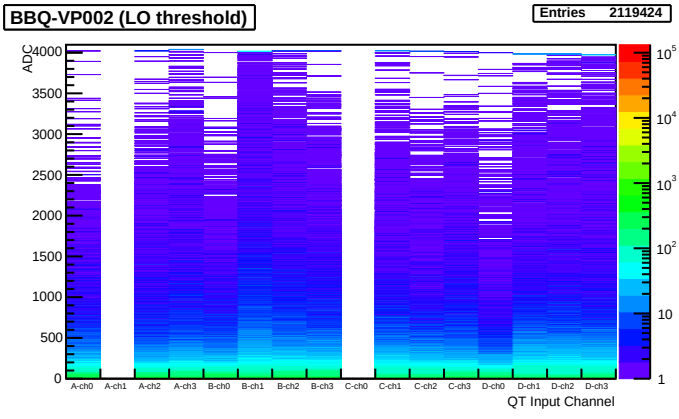

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2119424
TAC
QT Input Channel

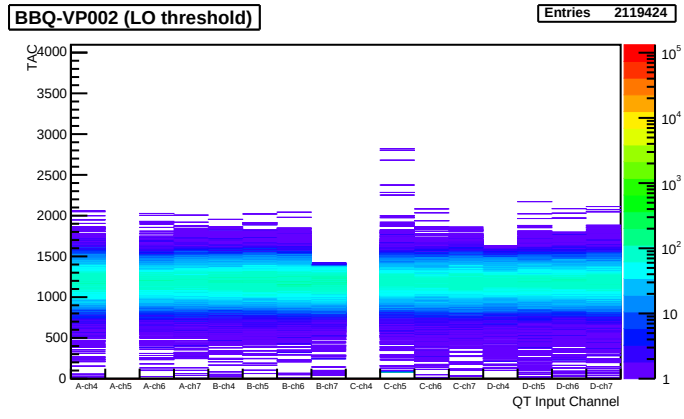

BBQ-ZD001 (ZDC TOWER)
Entries 2119424
ADC

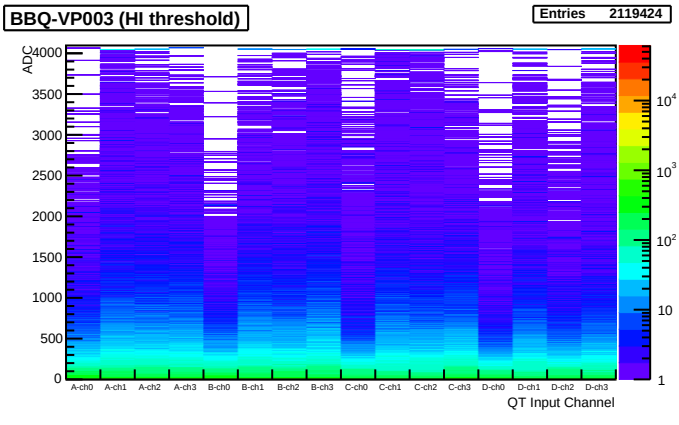

BBQ-ZD001 (ZDC TOWER)
Entries 2119424
TAC

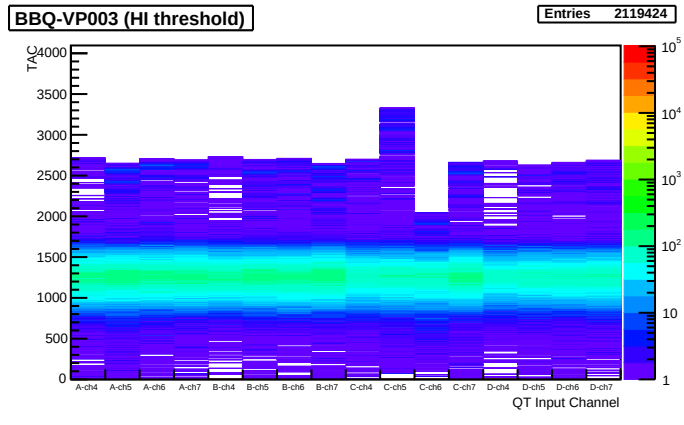

BBQ-VP001 (LO threshold)
Entries 2119424
ADC
QT Input Channel

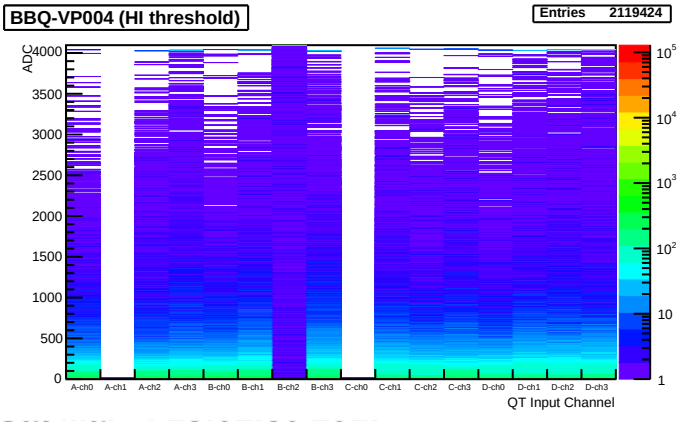

BBQ-VP001 (LO threshold)
Entries 2119424
TAC
QT Input Channel

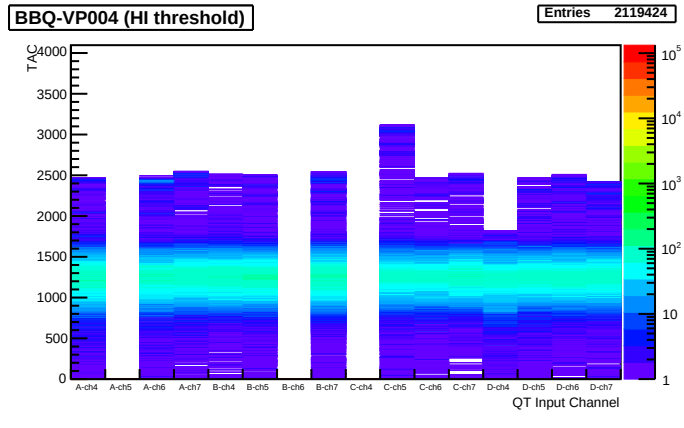

BBQ-VP002 (LO threshold)
Entries 2119424
ADC
QT Input Channel

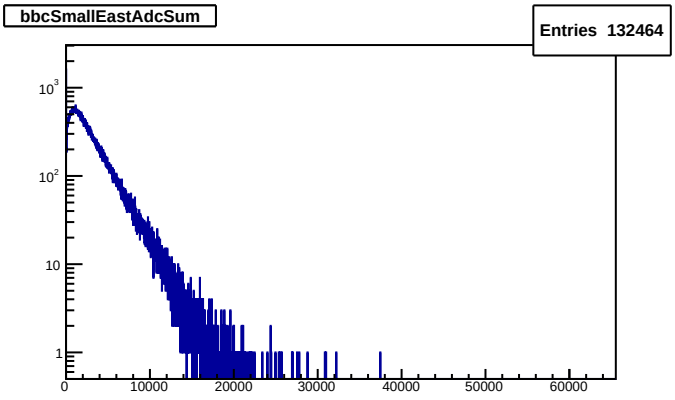

BBQ-VP002 (LO threshold)
Entries 2119424
TAC
QT Input Channel

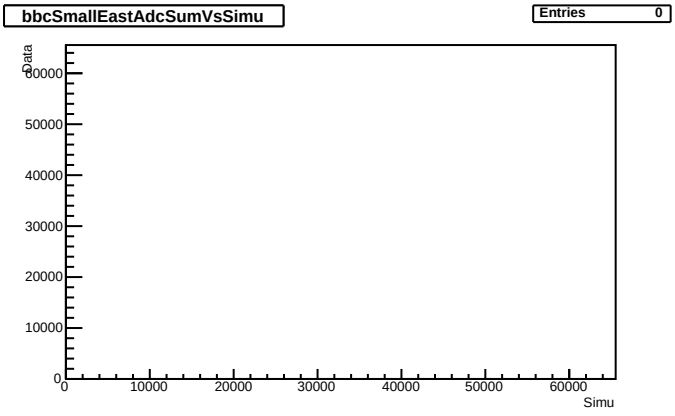

BBQ-VP003 (HI threshold)
Entries 2119424
ADC
QT Input Channel

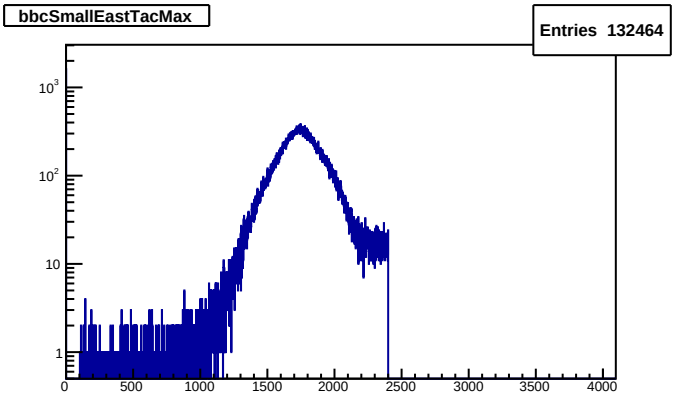

BBQ-VP003 (HI threshold)
Entries 2119424
TAC
QT Input Channel

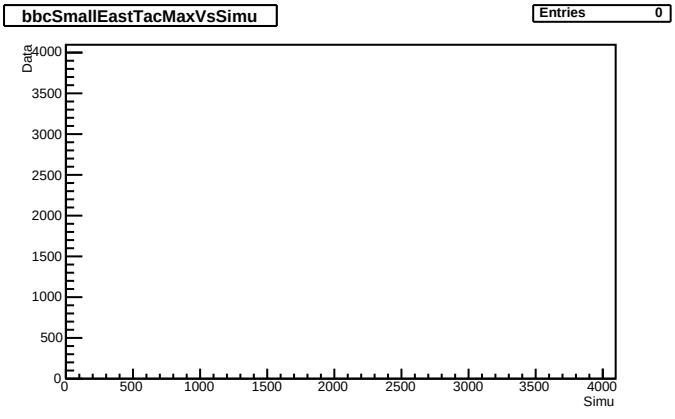

BBQ-VP004 (HI threshold)
Entries 2119424
ADC
QT Input Channel

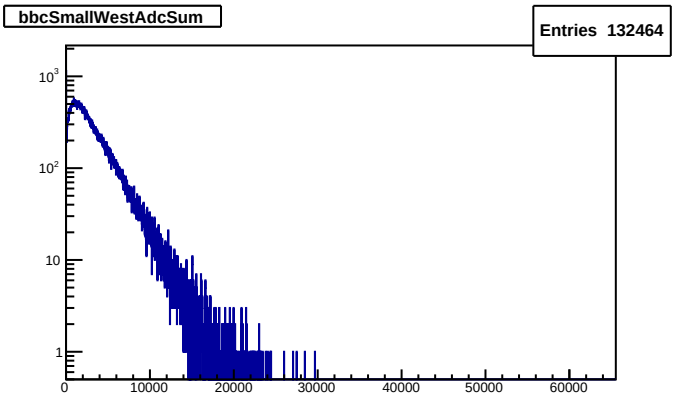

BBQ-VP004 (HI threshold)
Entries 2119424
TAC
QT Input Channel

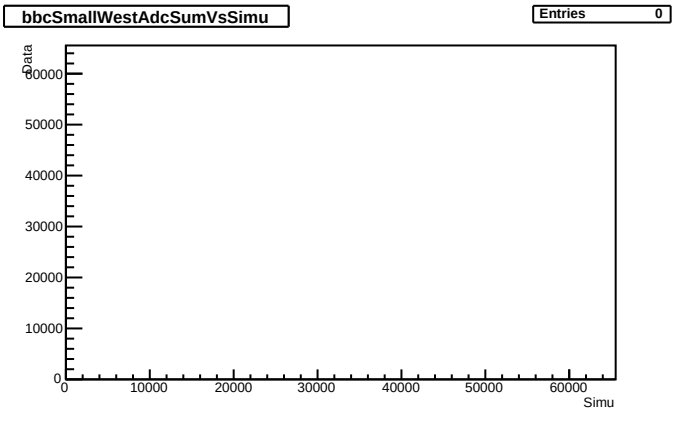

bbcSmallEastAdcSum
Entries 132464

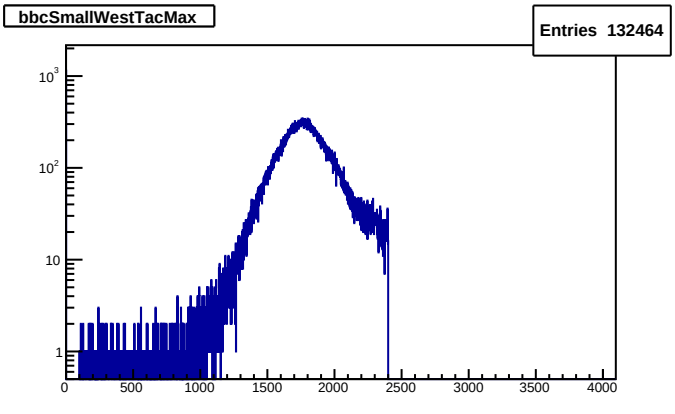

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

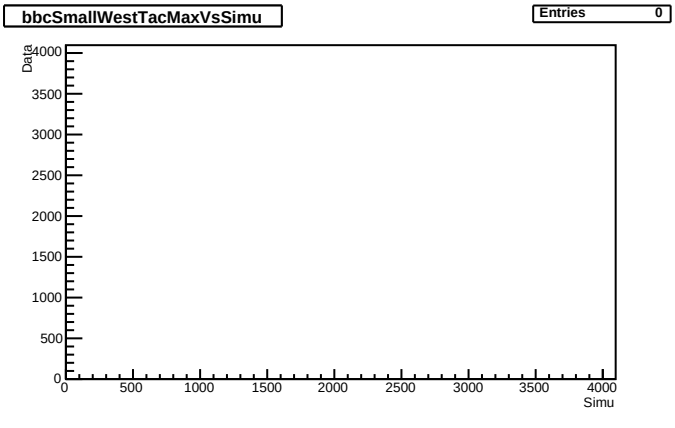

bbcSmallEastTacMax
Entries 132464

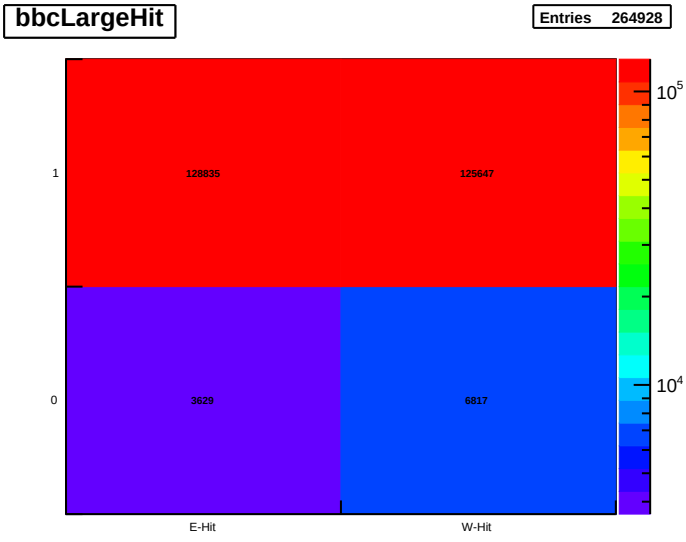

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

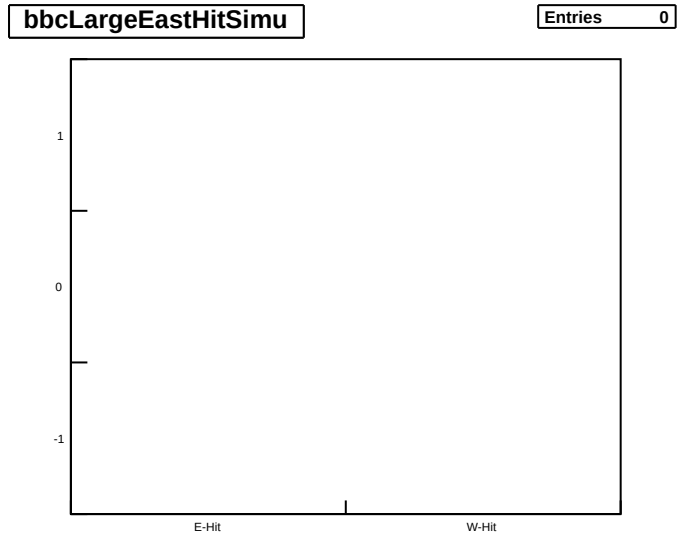

bbcSmallWestAdcSum
Entries 132464

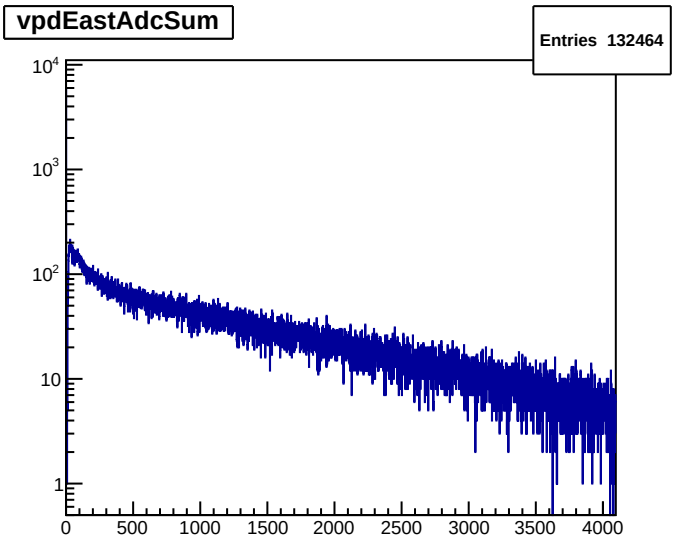

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

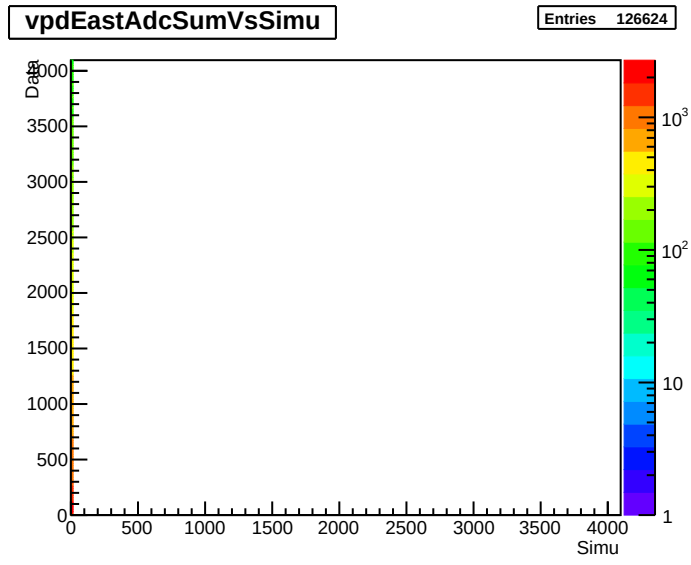

bbcSmallWestTacMax
Entries 132464

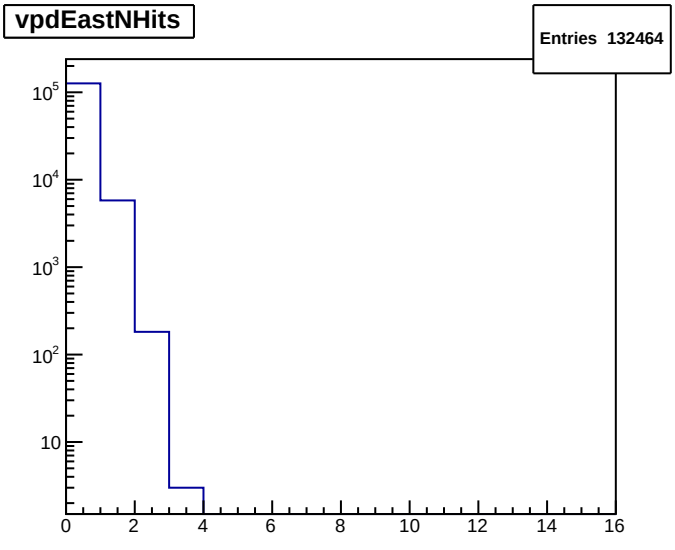

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

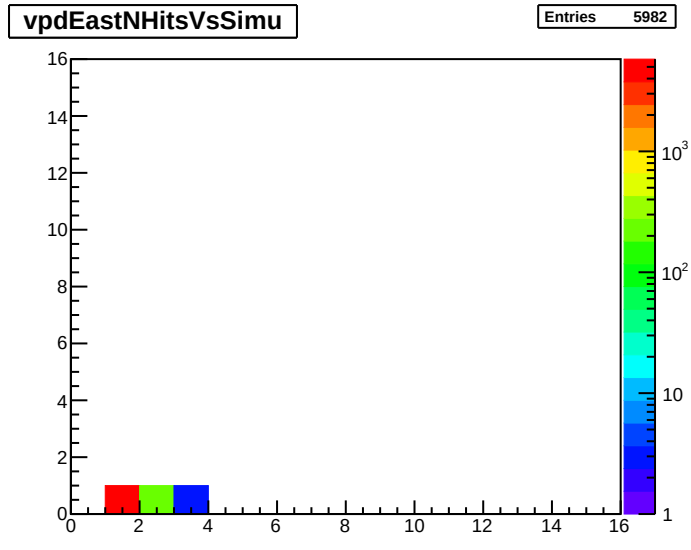

bbcLargeHit
Entries 264928
128835
125647
3629
6817
1
0
E-Hit
W-Hit
10^5
10^4

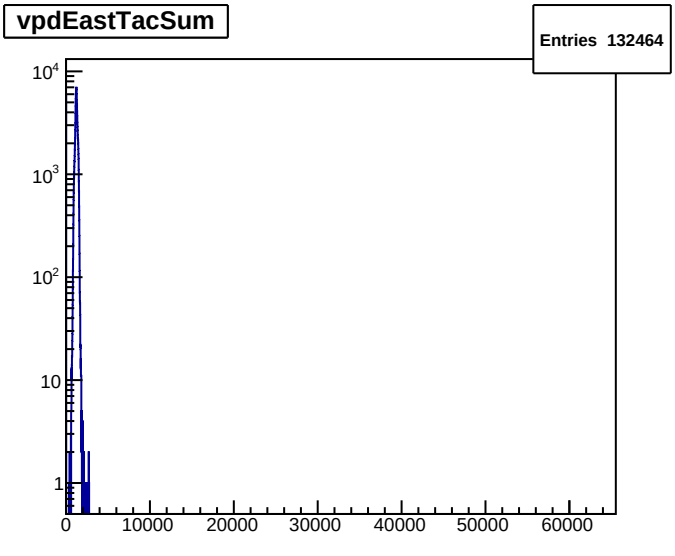

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

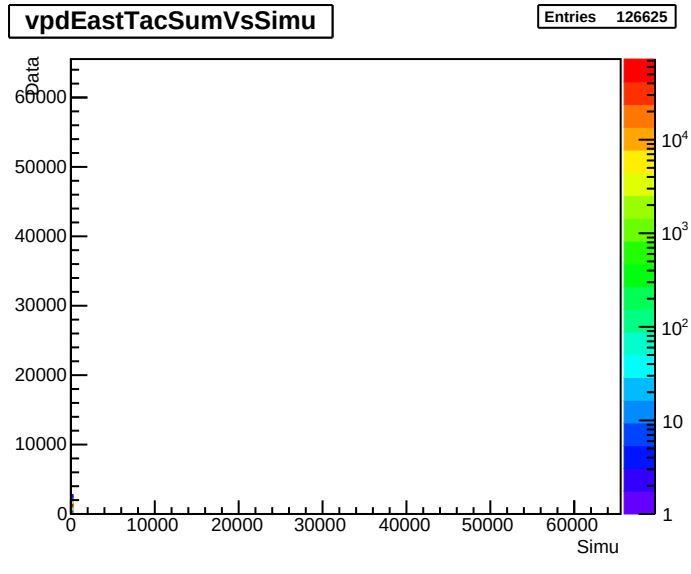

vpdEastAdcSum
Entries 132464

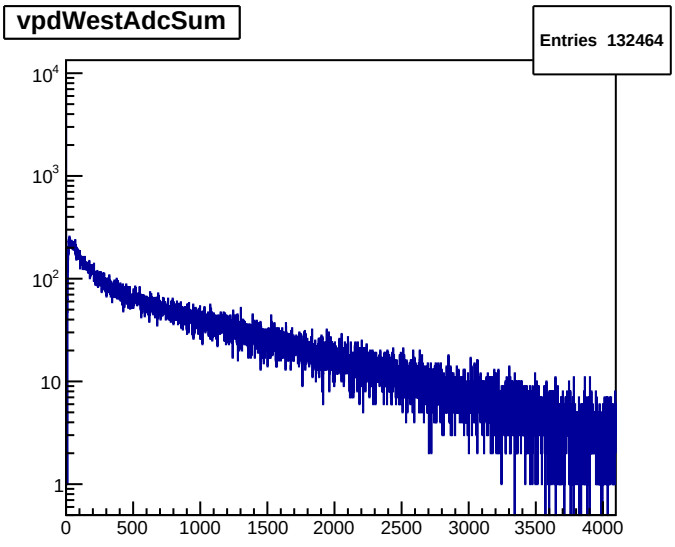

vpdEastAdcSumVsSimu
Entries 126624
Data
Simu

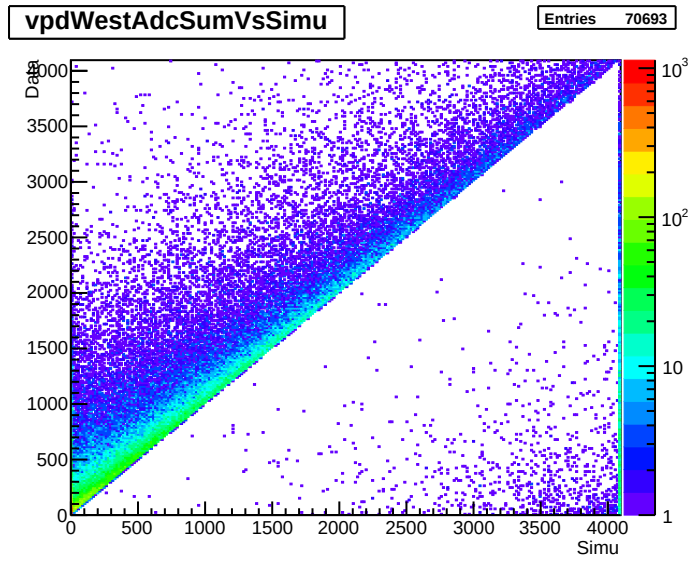

vpdEastNHits
Entries 132464

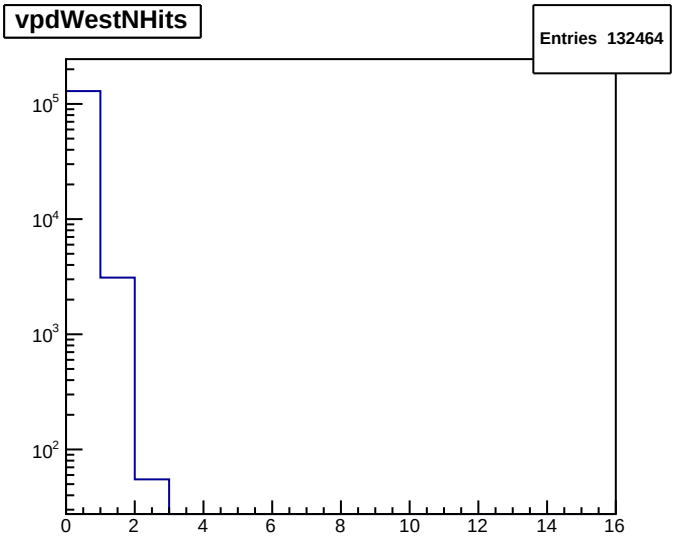

vpdEastNHitsVsSimu
Entries 5982

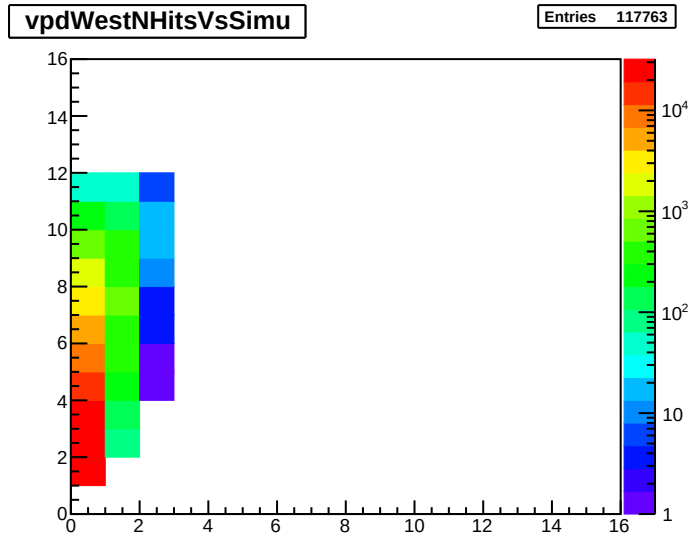

vpdEastTacSum
Entries 132464

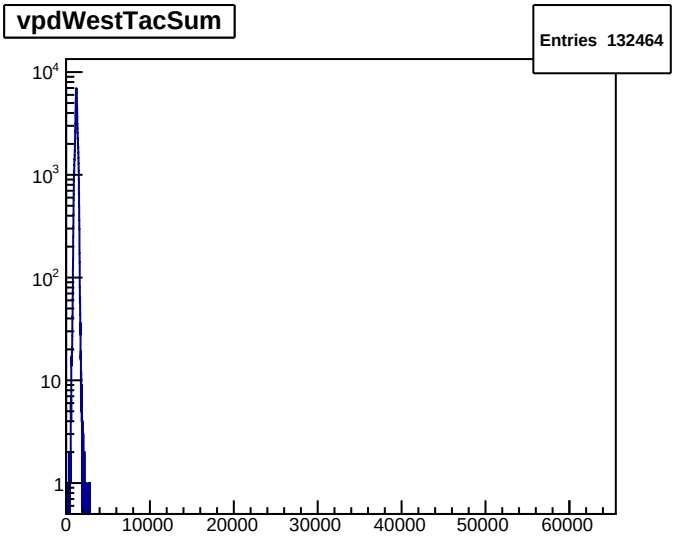

vpdEastTacSumVsSimu
Entries 126625
Data
Simu

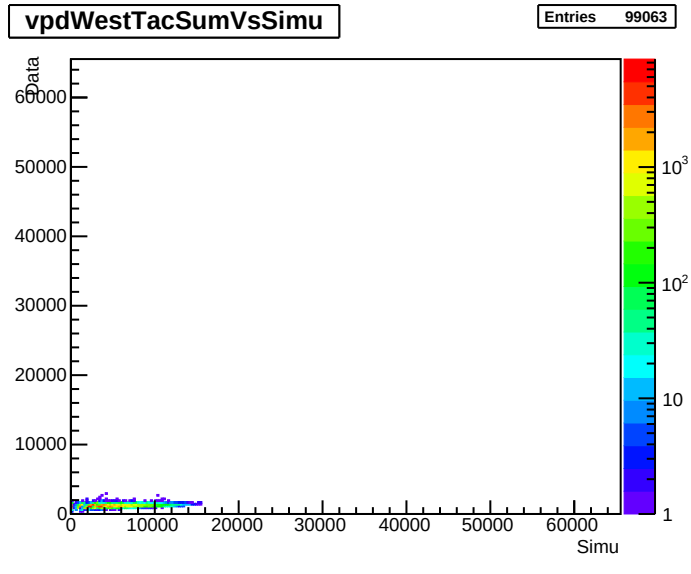

vpdWestAdcSum
Entries 132464

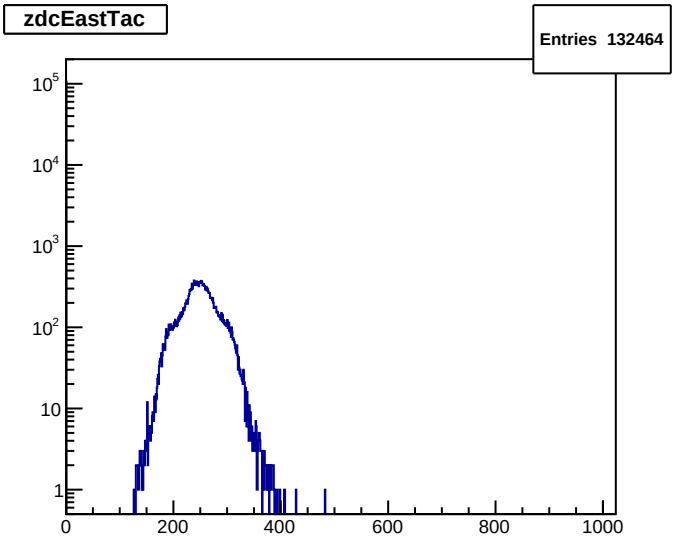

vpdWestAdcSumVsSimu
Entries 70693
Data
Simu

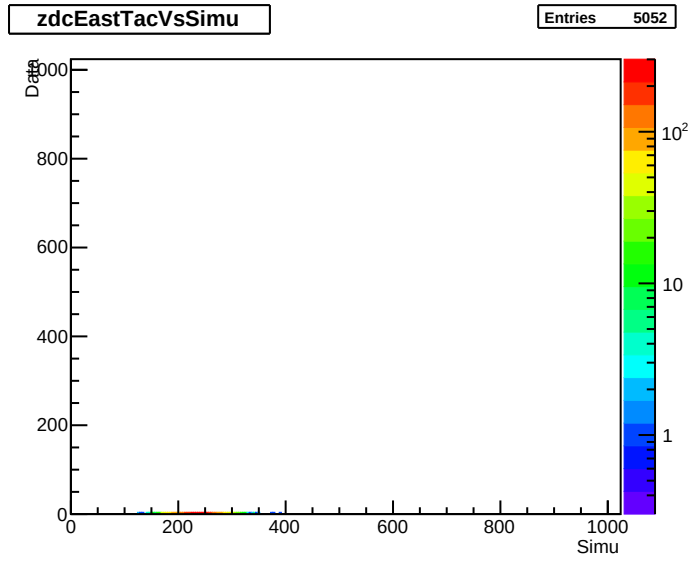

vpdWestNHits
Entries 132464

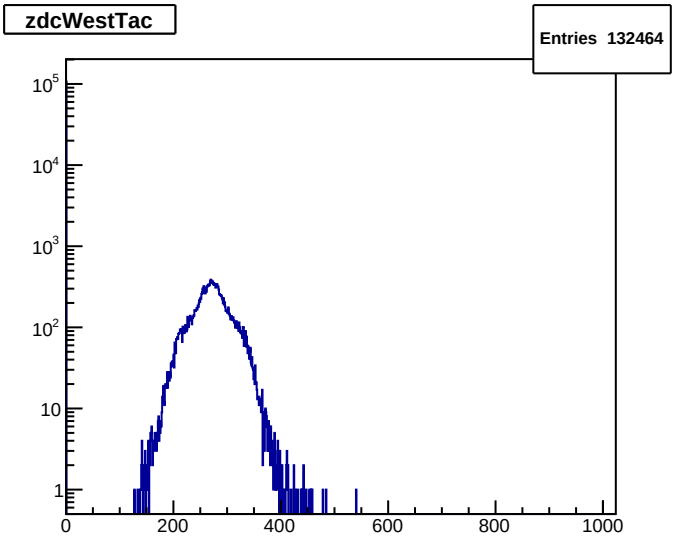

vpdWestNHitsVsSimu
Entries 117763

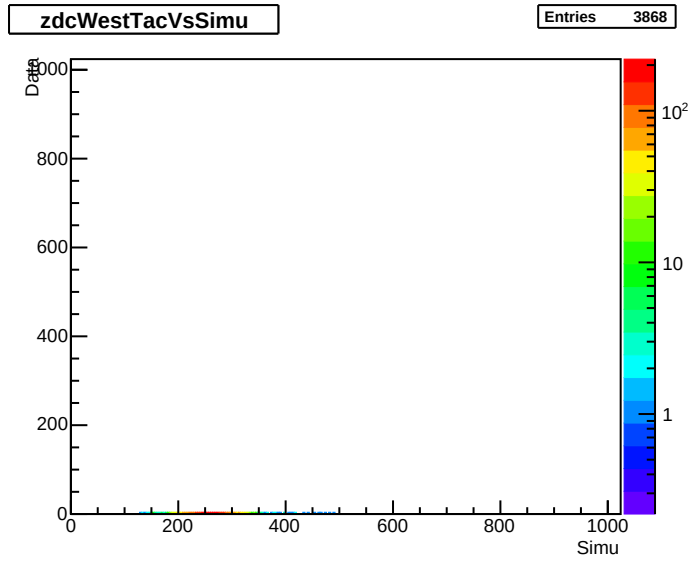

vpdWestTacSum
Entries 132464

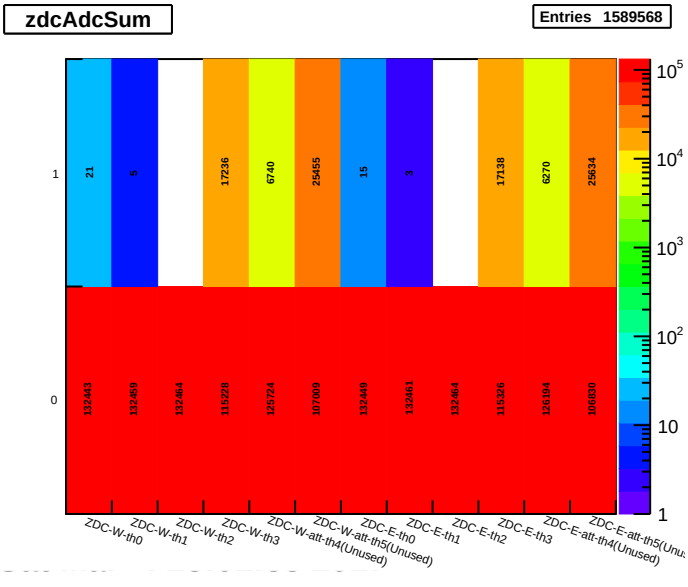

vpdWestTacSumVsSimu
Entries 99063
Data
Simu

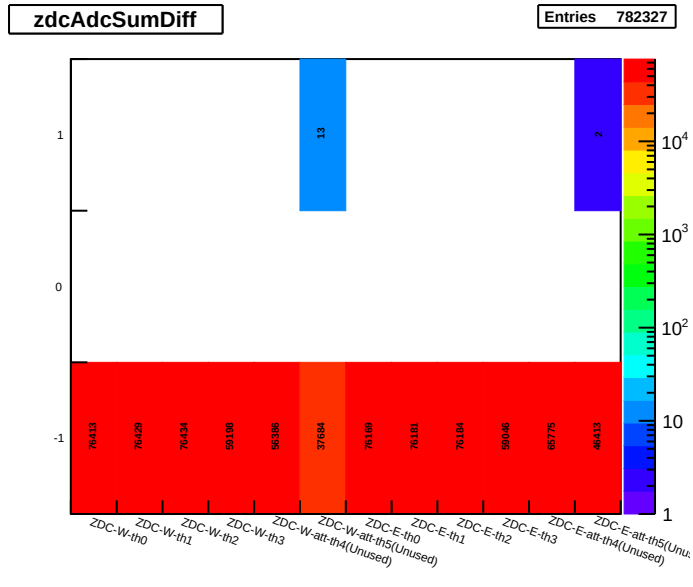

zdcEastTac
Entries 132464

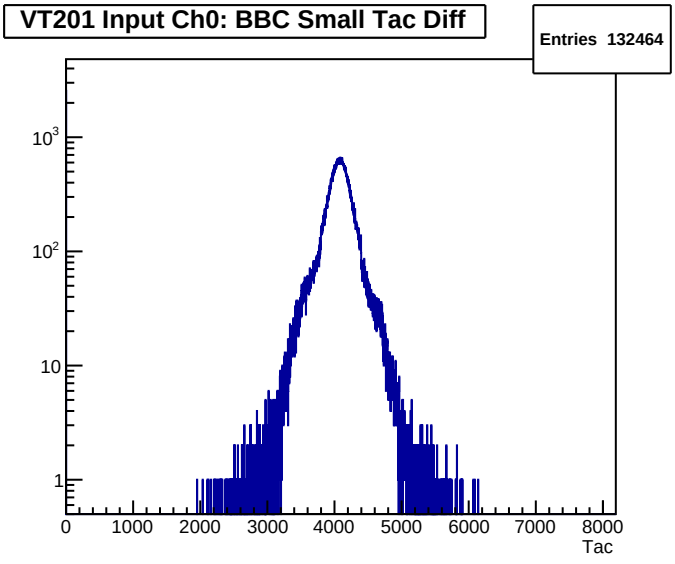

zdcEastTacVsSimu
Entries 5052
Data
Simu

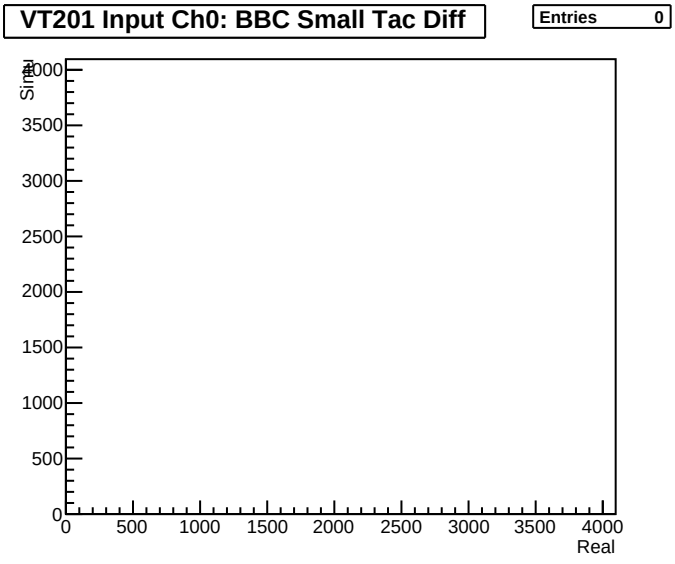

zdcWestTac
Entries 132464

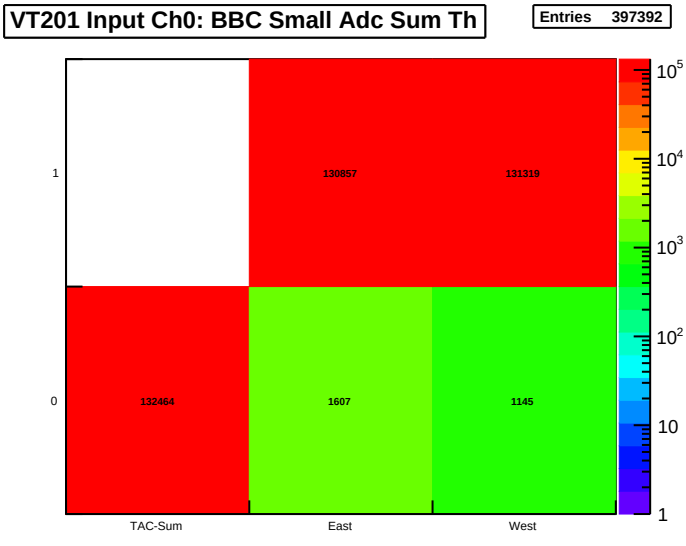

zdcWestTacVsSimu
Entries 3868
Data
Simu

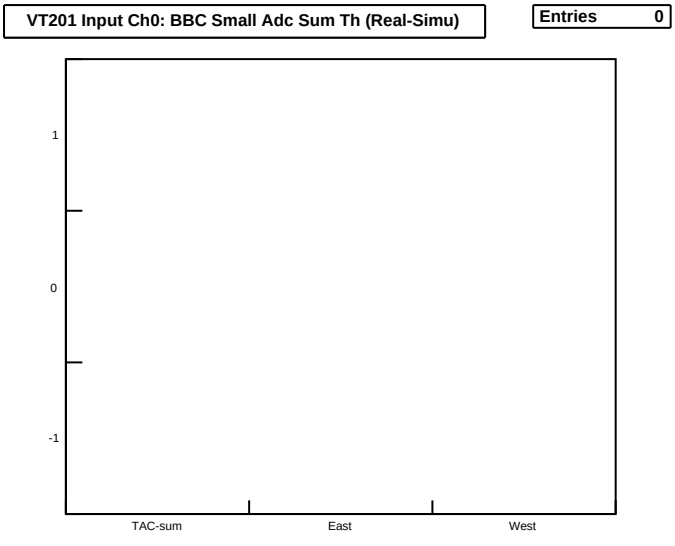

zdcAdcSum
Entries 1589568
21
5
17236
6740
25455
15
3
17138
6270
25534
132443
132459
132464
115228
125724
107009
132449
132461
132464
115326
126194
106830
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

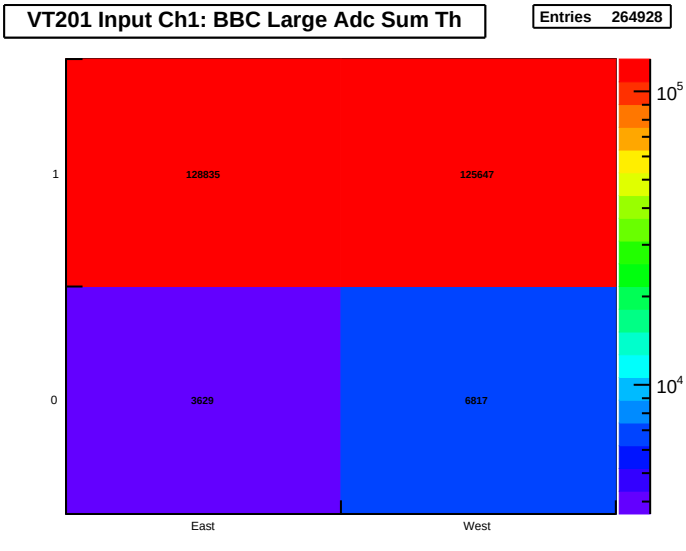

zdcAdcSumDiff
Entries 782327
13
2
76413
76429
76434
59198
56386
37684
76169
76181
76184
59046
65775
46413
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

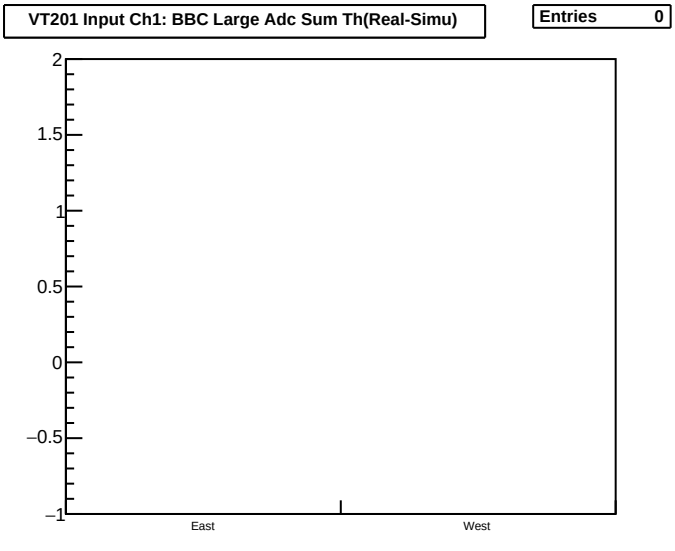

VT201 Input Ch0: BBC Small Tac Diff
Entries 132464
Tac


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

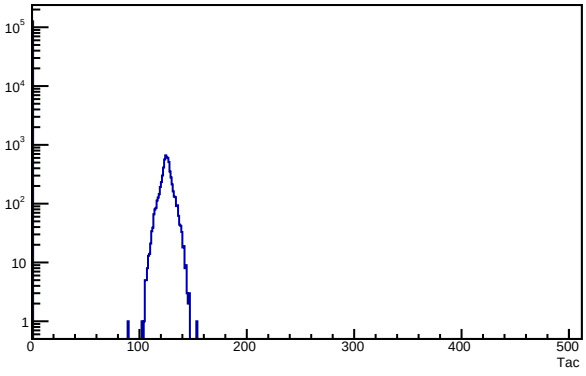

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 397392
130857
131319
132464
1607
1145
TAC-Sum
East
West


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

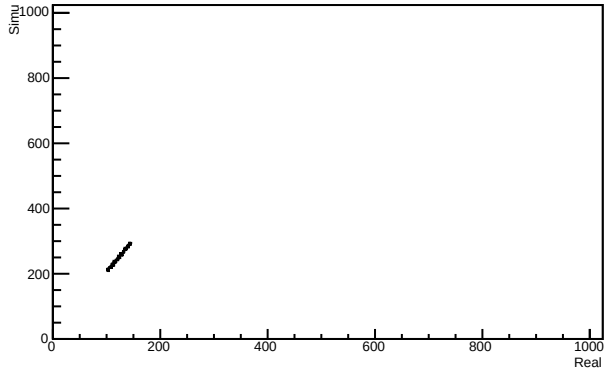

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 264928
128835
125647
3629
6817
East
West


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

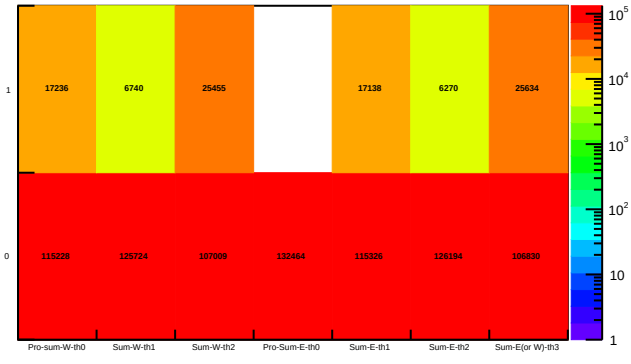
VT201 Input Ch2: ZDC Tac Diff



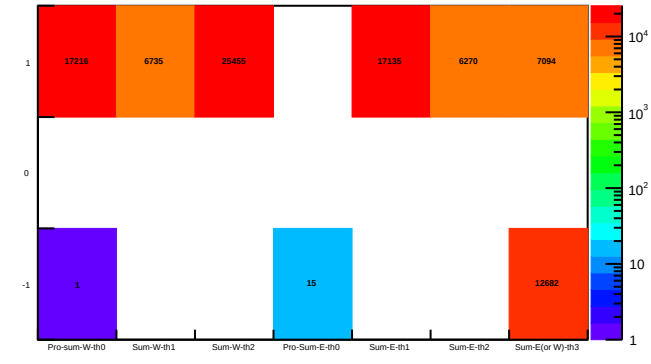
VT201 Input Ch2: ZDC Tac Diff



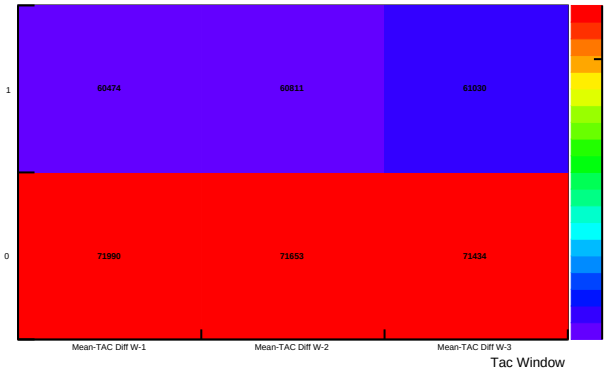
VT201 Input Ch2: ZDC Adc Sum Th



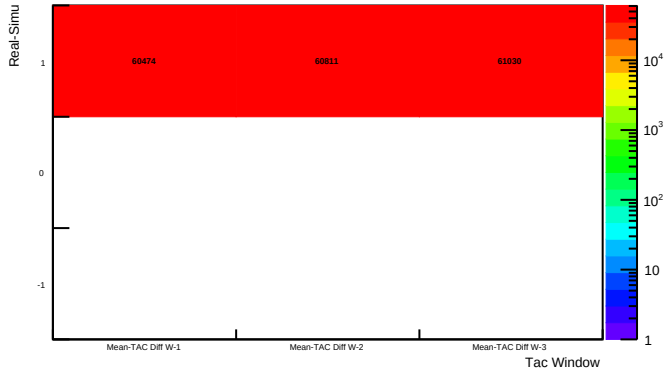
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



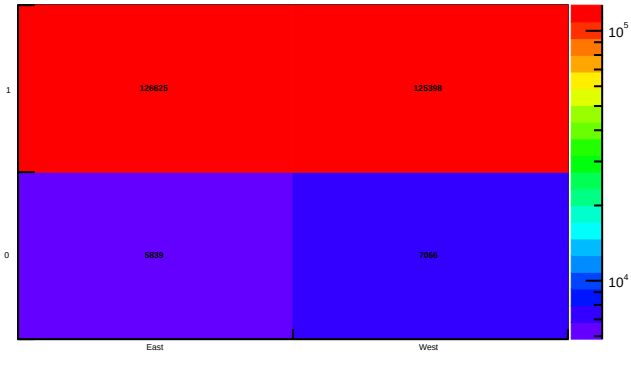
VT201 Input Ch4: VPD Tac Diff



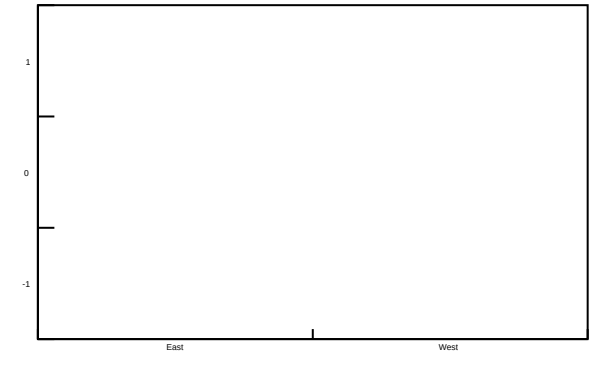
VT201 Input Ch4: VPD Tac Diff

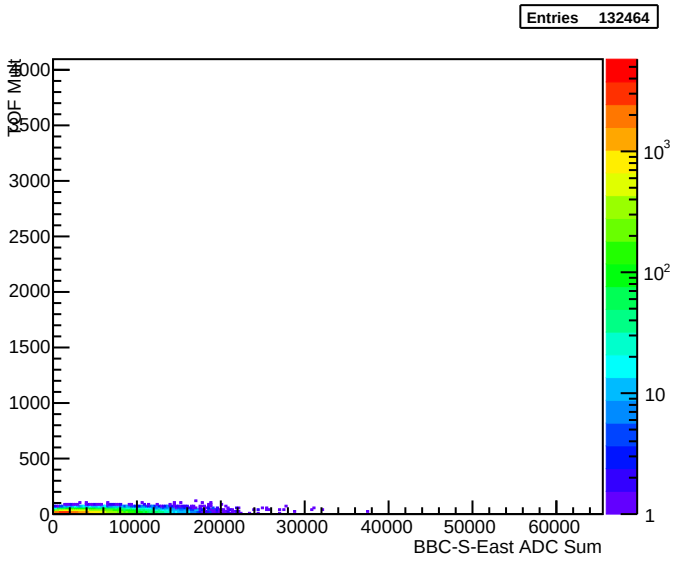


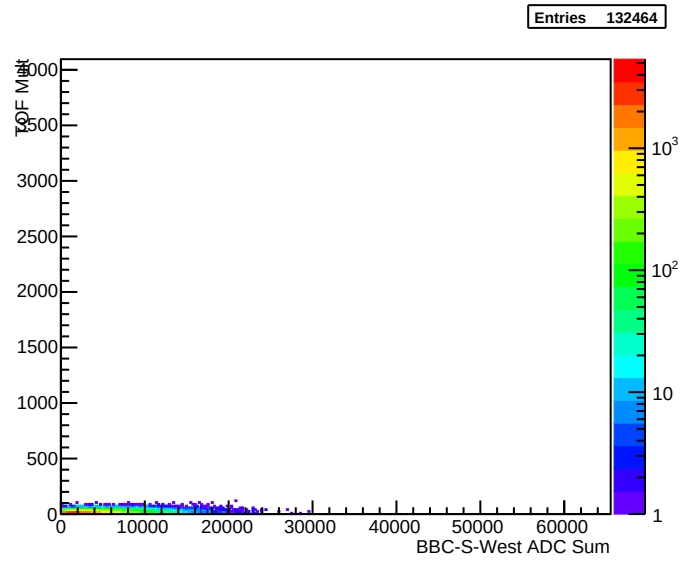
VT201 Input Ch4: VPD Adc Sum Th

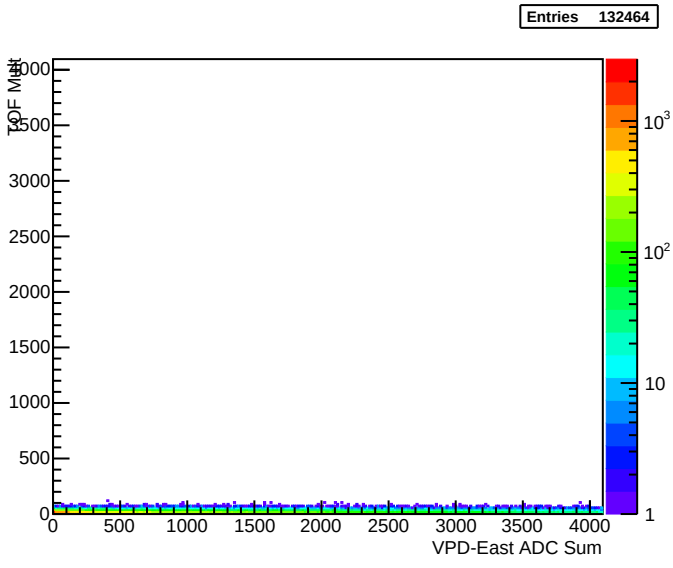


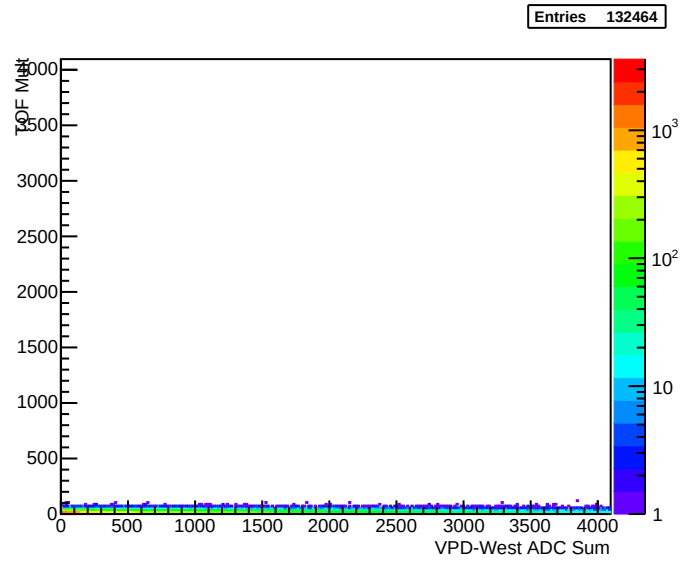
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

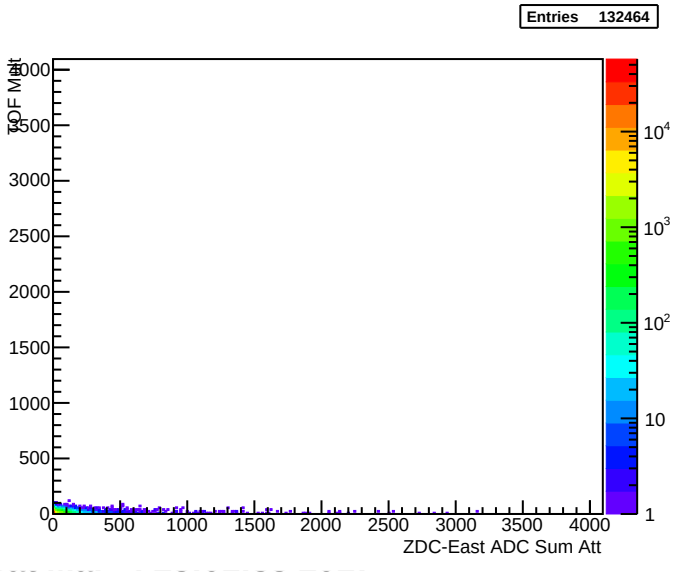


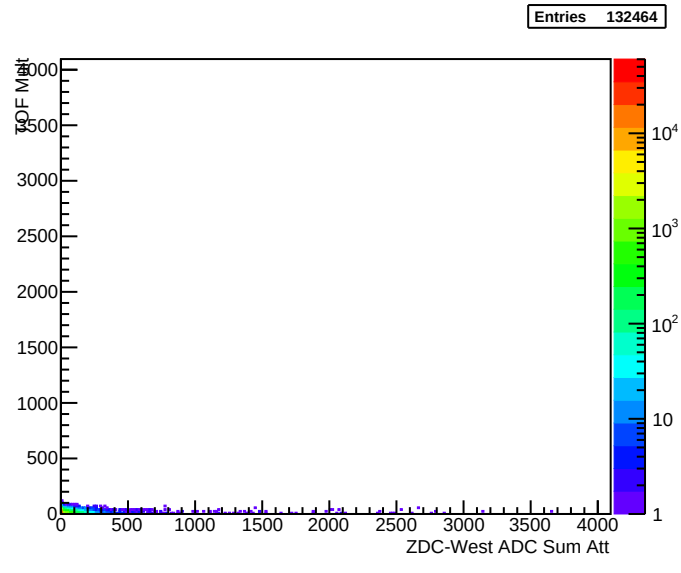

Entries 132464
TOF Mult
BBC-S-East ADC Sum

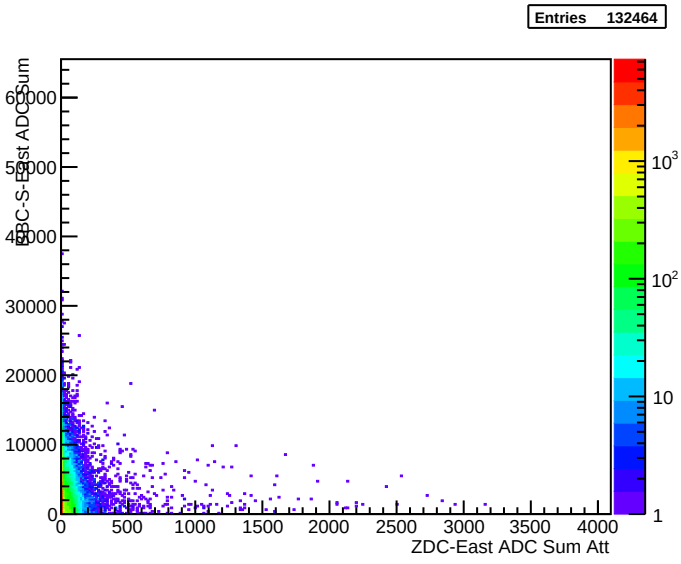

Entries 132464
TOF Mult
BBC-S-West ADC Sum

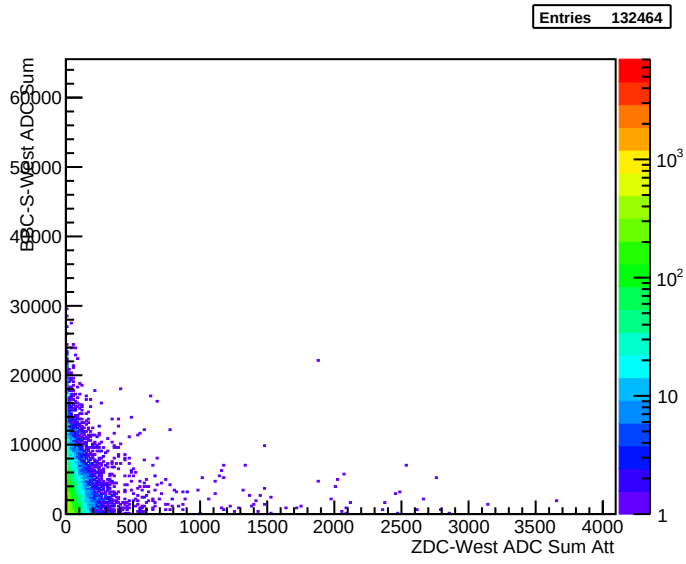

Entries 132464
TOF Mult
VPD-East ADC Sum

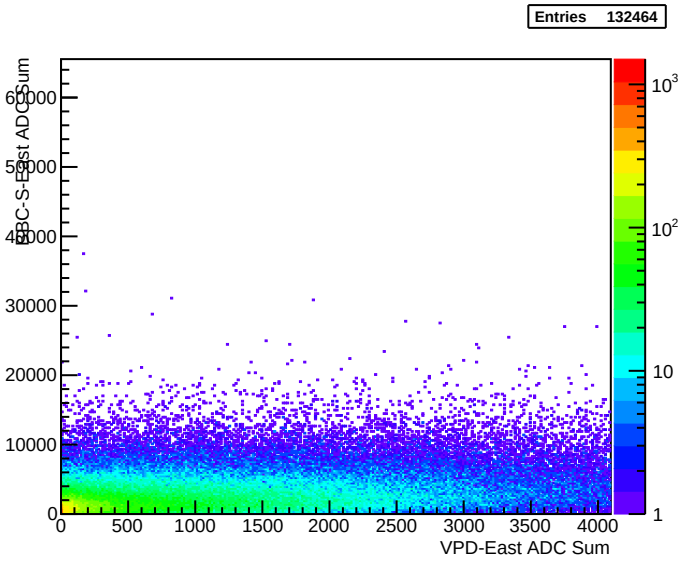

Entries 132464
TOF Mult
VPD-West ADC Sum

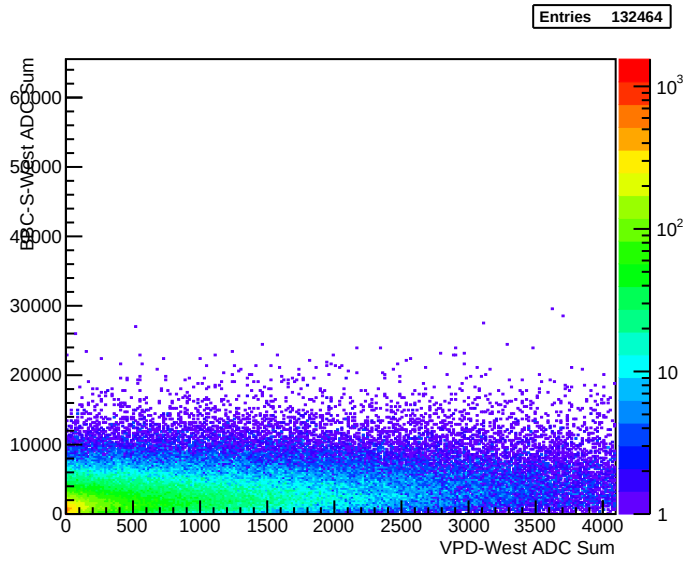

Entries 132464
TOF Mult
ZDC-East ADC Sum Att

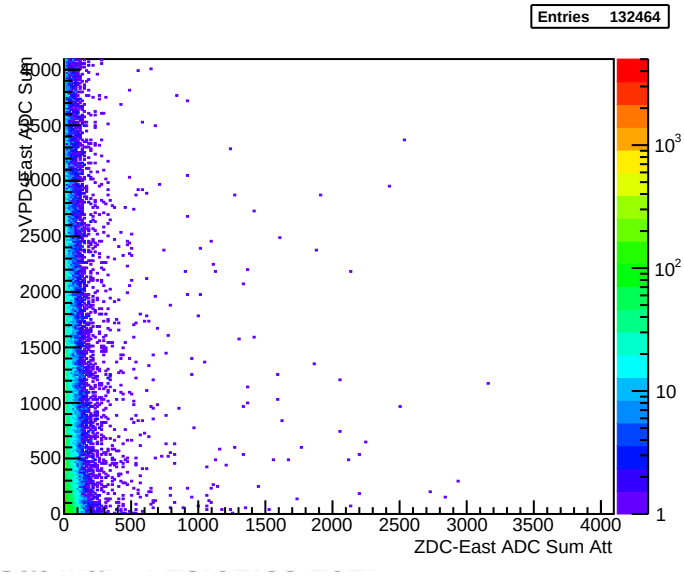

Entries 132464
TOF Mult
ZDC-West ADC Sum Att

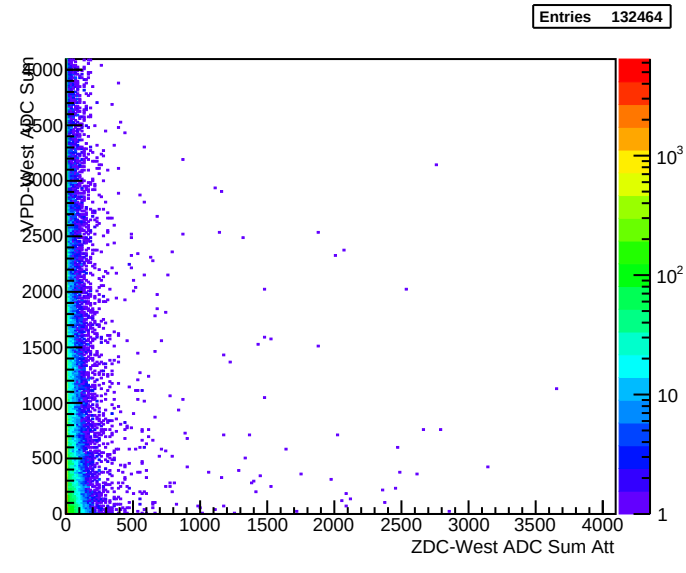

Entries 132464
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

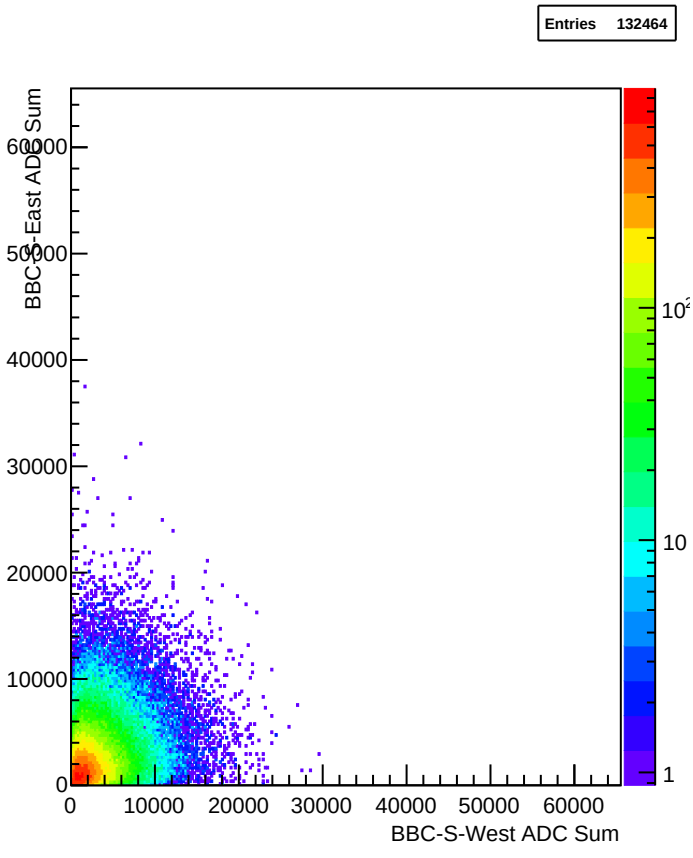

Entries 132464
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

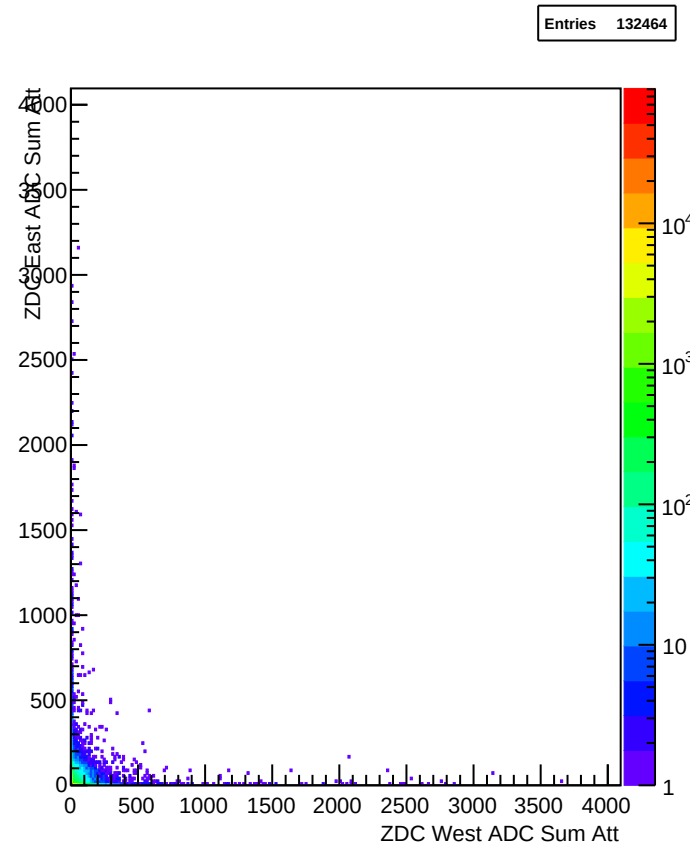

Entries 132464
BBC-S-East ADC Sum
VPD-East ADC Sum

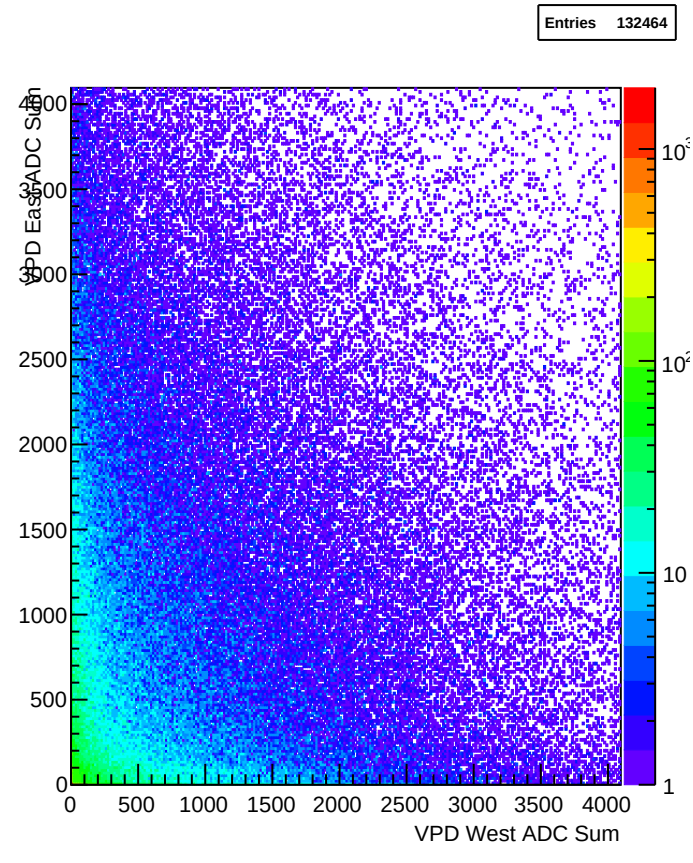

Entries 132464
BBC-S-West ADC Sum
VPD-West ADC Sum

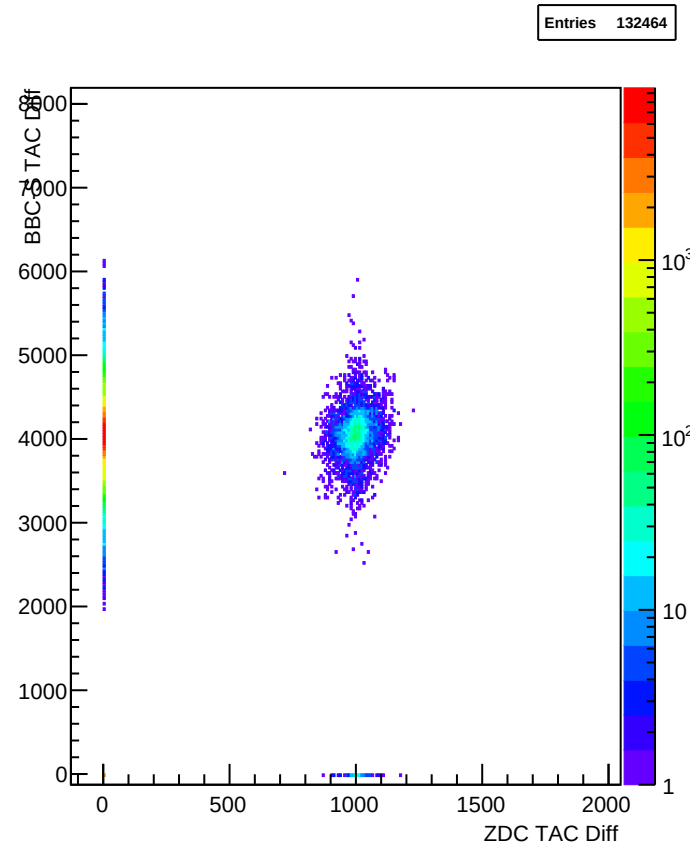

Entries 132464
VPD-East ADC Sum
ZDC-East ADC Sum Att

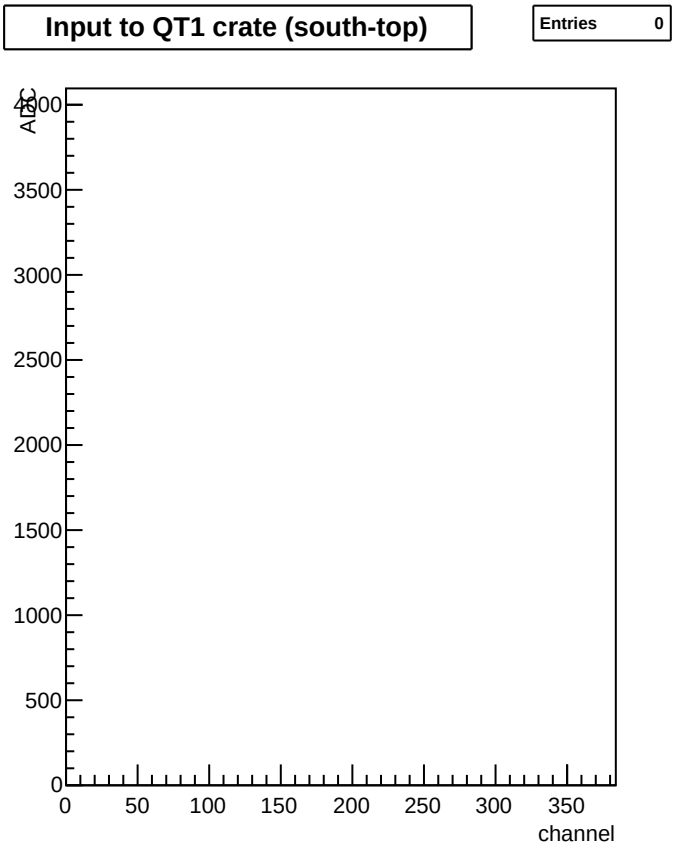

Entries 132464
VPD-West ADC Sum
ZDC-West ADC Sum Att

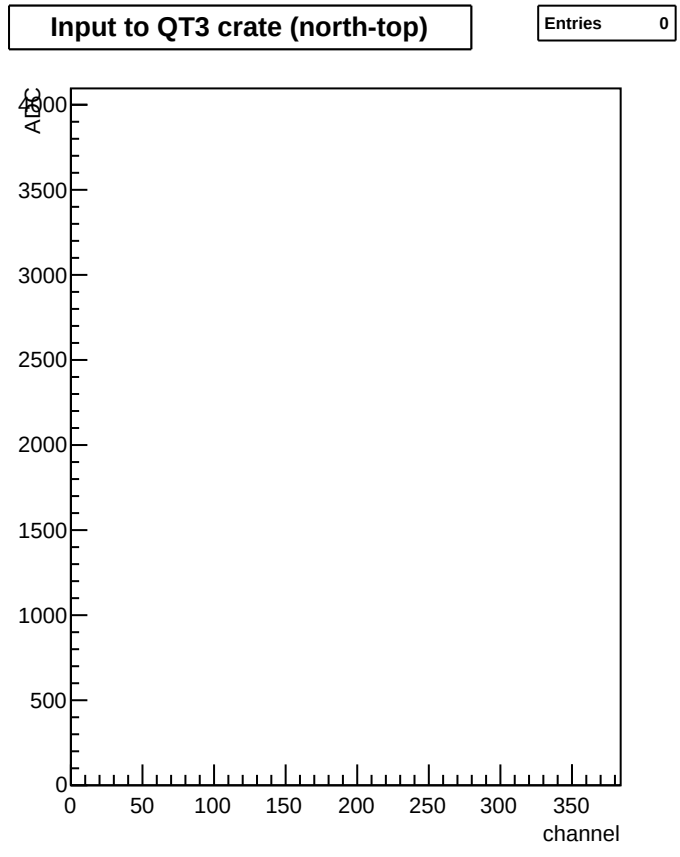

Entries 132464
BBC-S-East ADC Sum
BBC-S-West ADC Sum

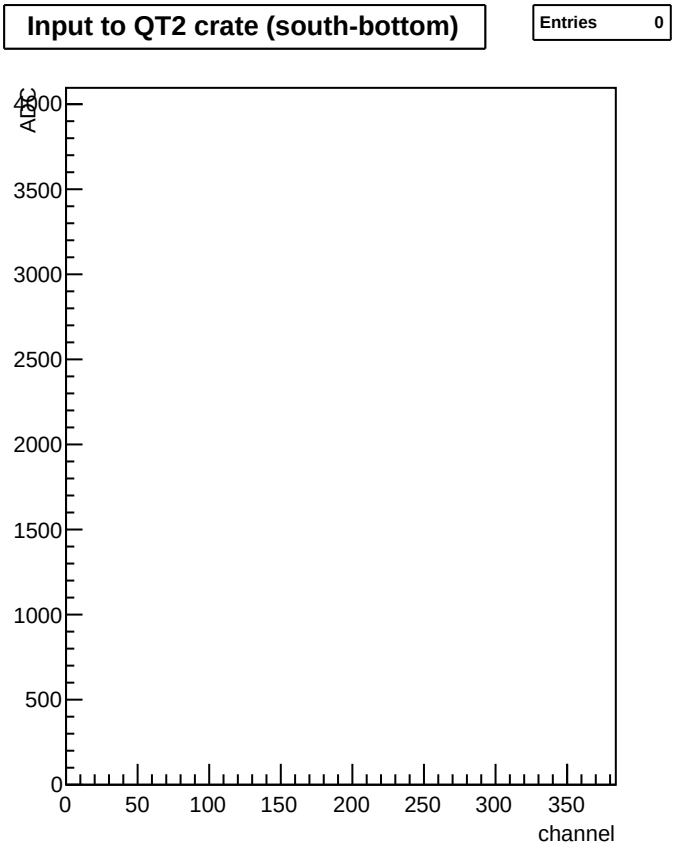

Entries 132464
ZDC East ADC Sum Att
ZDC West ADC Sum Att

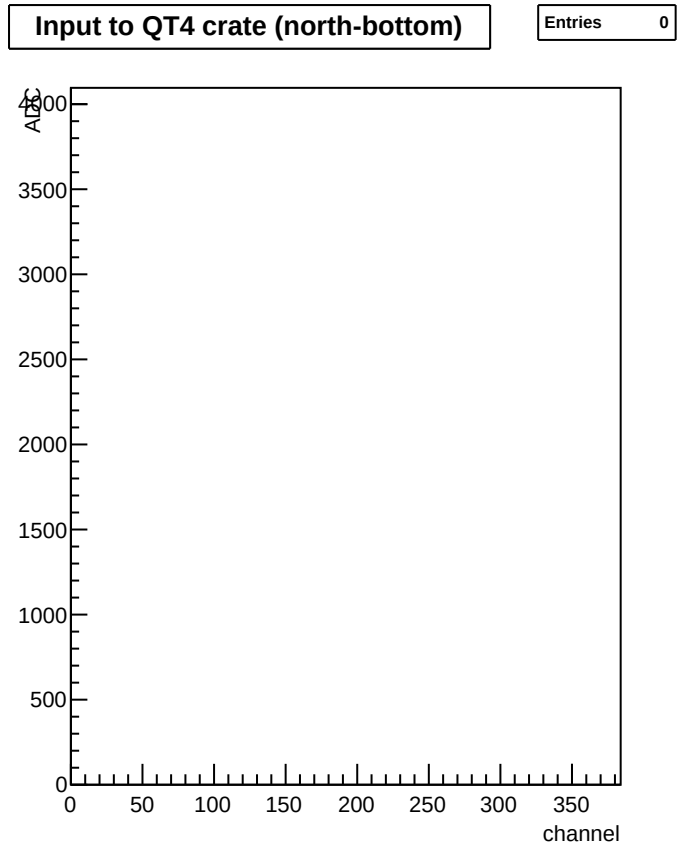

Entries 132464
VPD East ADC Sum
VPD West ADC Sum

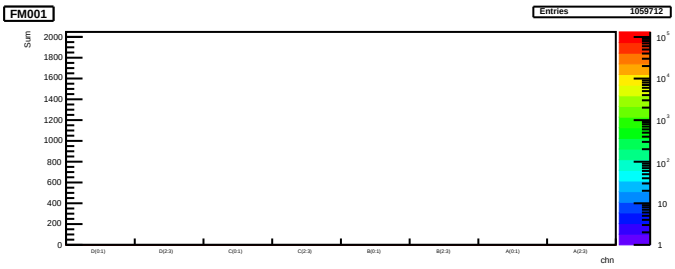

Entries 132464
BBC-S TAC Diff
ZDC TAC Diff

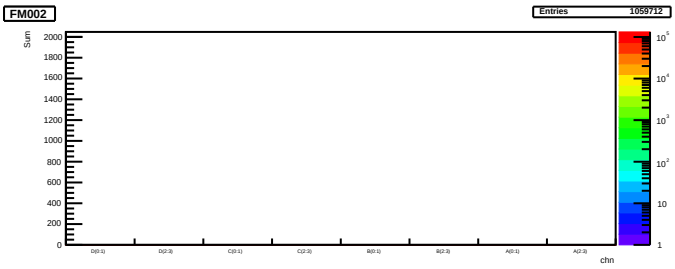

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

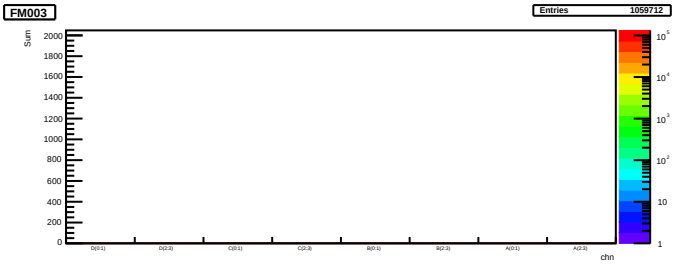

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

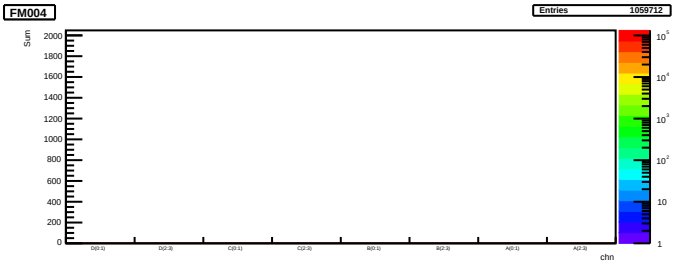

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

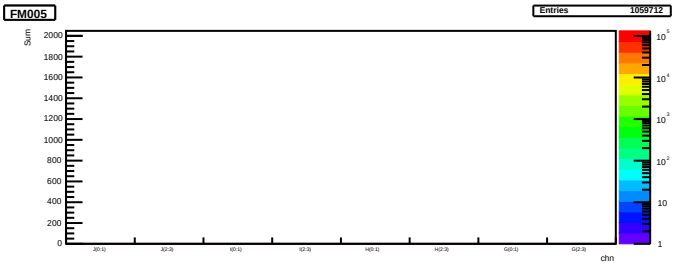

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

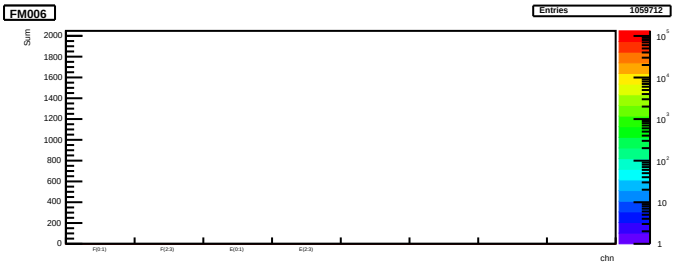

FM001
Entries 1059712
Sum
chn

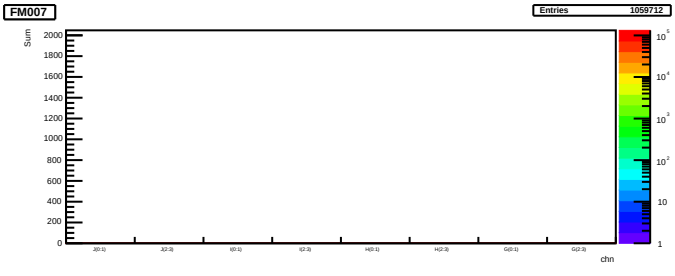

FM002
Entries 1059712
Sum
chn

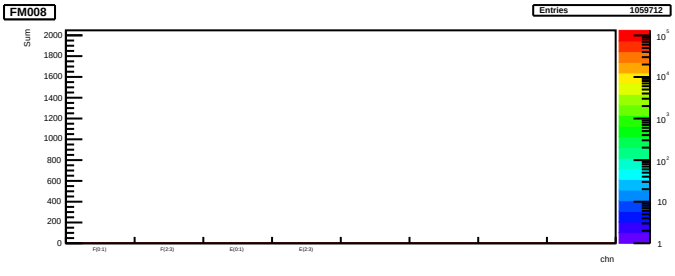

FM003
Entries 1059712
Sum
chn

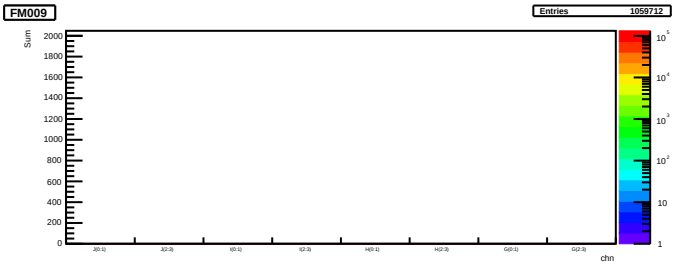

FM004
Entries 1059712
Sum
chn

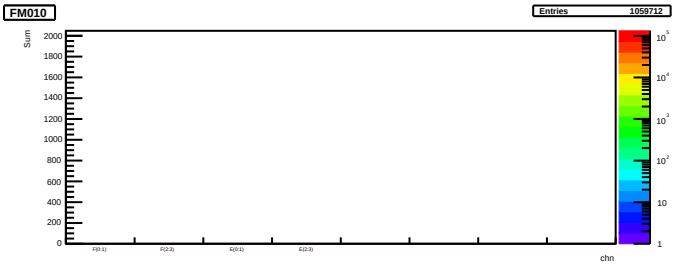

FM005
Entries 1059712
Sum
chn

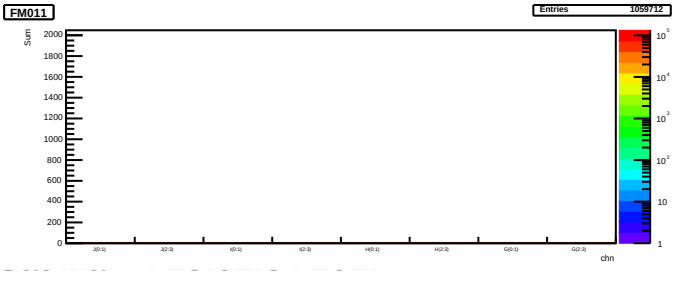

FM006
Entries 1059712
Sum
chn

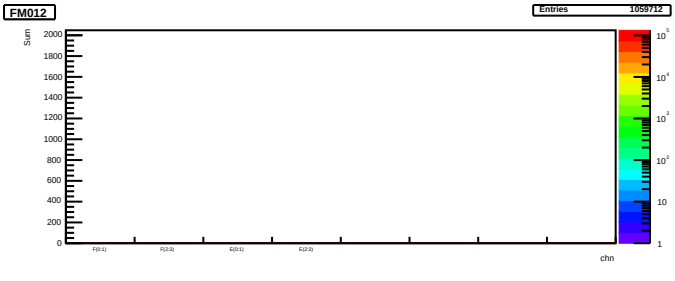

FM007
Entries 1059712
Sum
chn

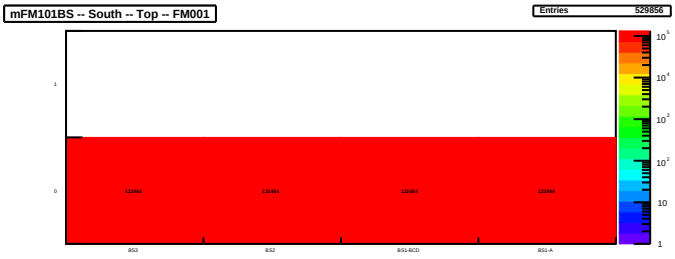

FM008
Entries 1059712
Sum
chn


FM009
Entries 1059712
Sum
chn


FM010
Entries 1059712
Sum
chn


FM011
Entries 1059712
Sum
chn


FM012
Entries 1059712
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 529856
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132464
132464
132464
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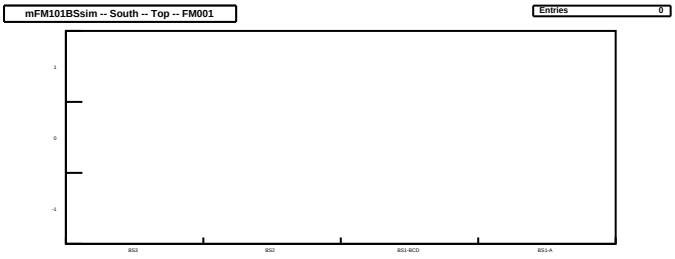
BS2
BS1-BCD
BS1-A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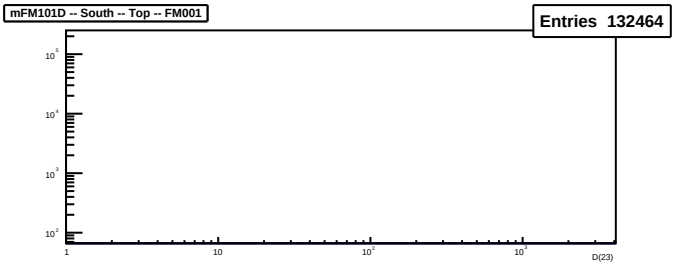
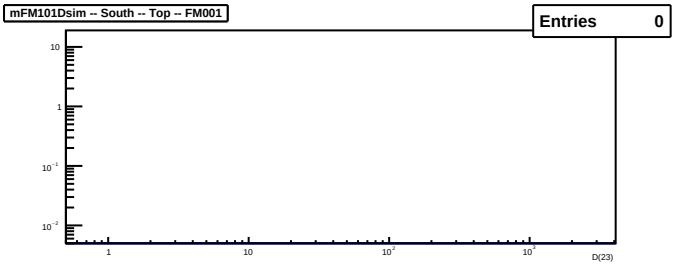
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Top -- FM001
Entries 132464
D(23)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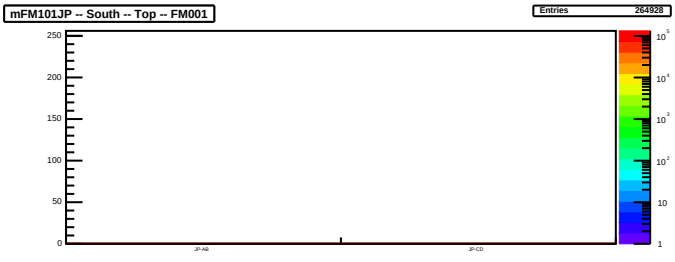
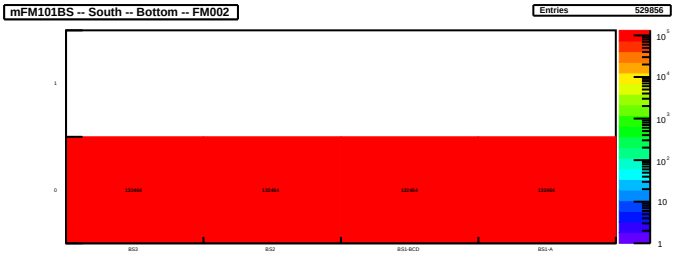
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 264928
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 529856
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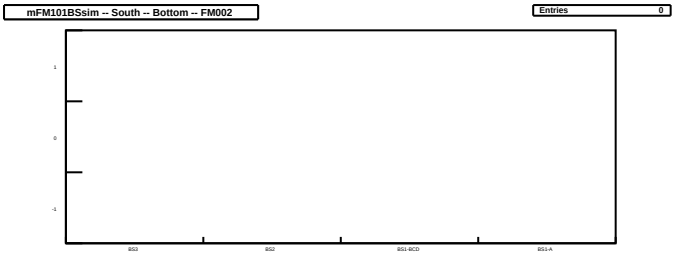
132464
132464
BS3
BS2
BS1-BCD
BS1-A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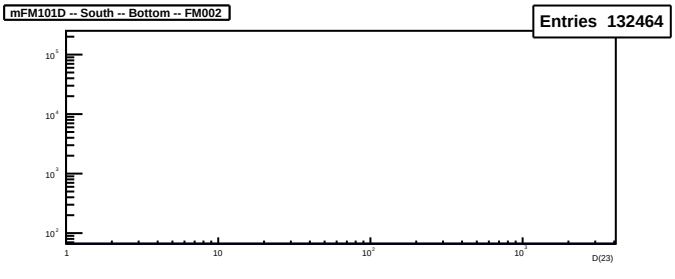
Entries 0
BS3
BS2
BS1-BCD
BS1-A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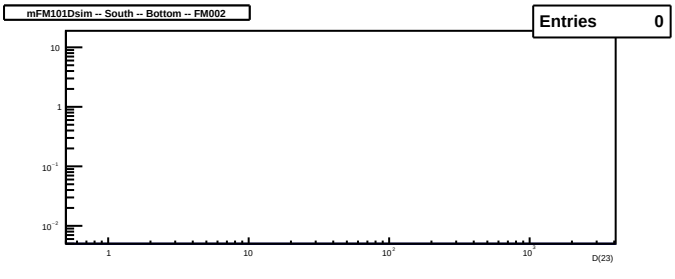
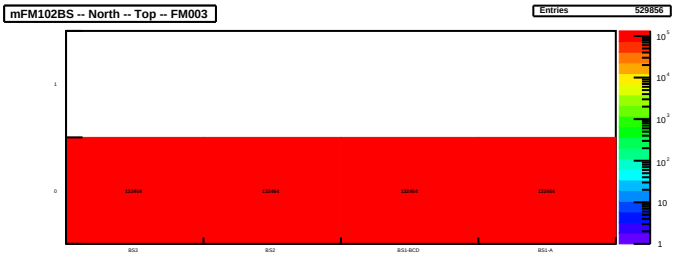
Entries 132464
D(23)


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

mFM101JP -- South -- Bottom -- FM002
Entries 264928
JP-AB
JP-CD

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


mFM102BS -- North -- Top -- FM003
Entries 529856
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
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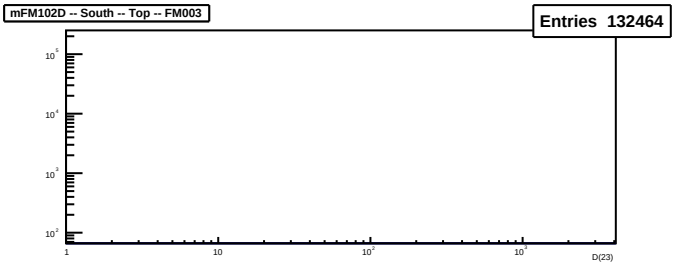
BS2
BS1-BCD
BS1-A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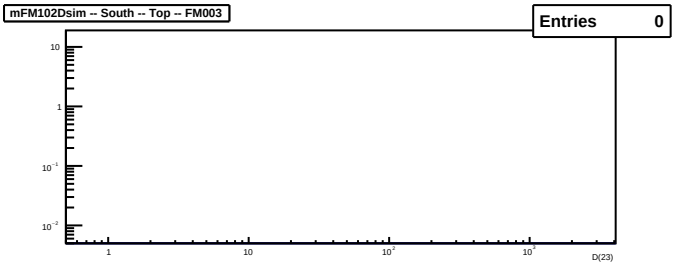
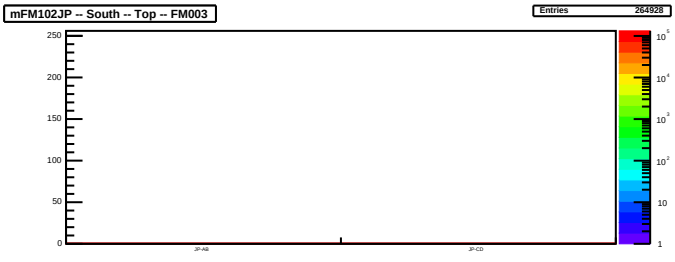
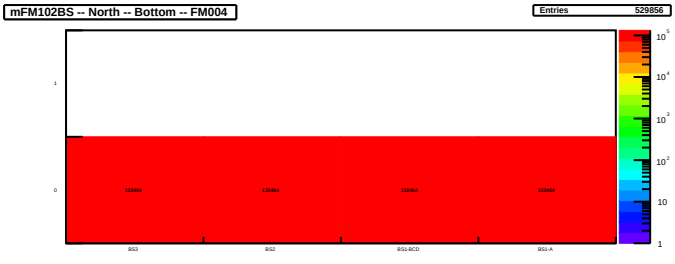
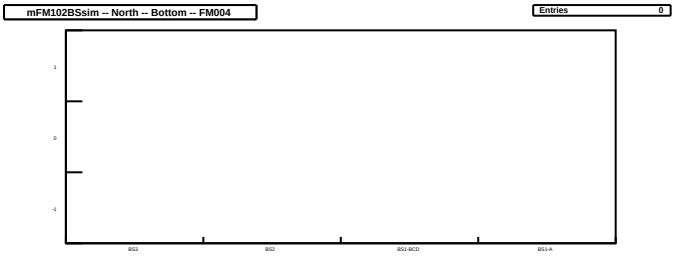
Entries 132464
D(23)


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


mFM102JP -- South -- Top -- FM003
Entries 264928
JP-AB
JP-CD

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


mFM102BS -- North -- Bottom -- FM004
Entries 529856
BS3
BS2
BS1-BCD
BS1-A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Entries 0
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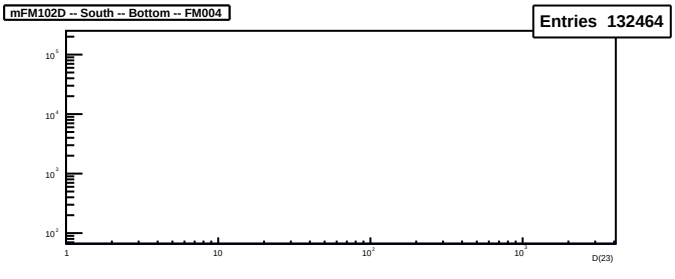
BS2
BS1-BCD
BS1-A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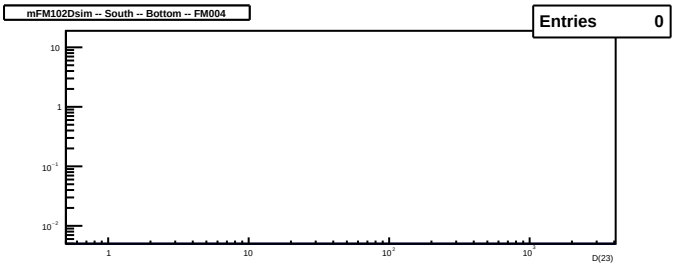
Entries 132464
D(23)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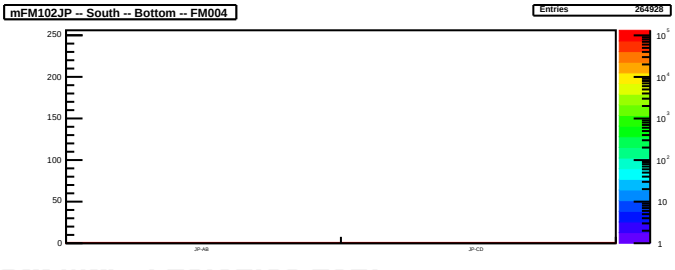
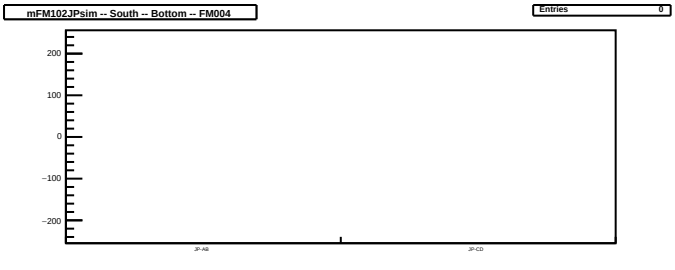
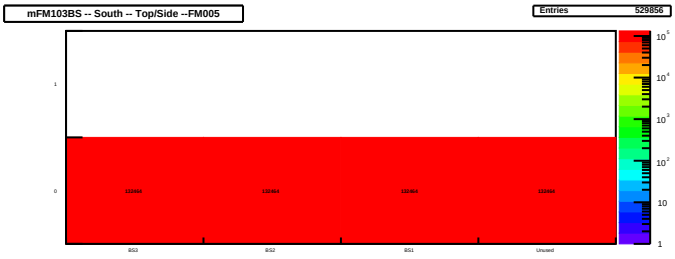
Entries 0
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 264928
JP-AB
JP-CD


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


mFM103BS -- South -- Top/Side --FM005
Entries 529856
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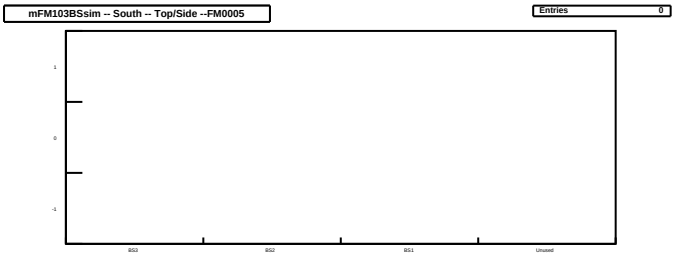
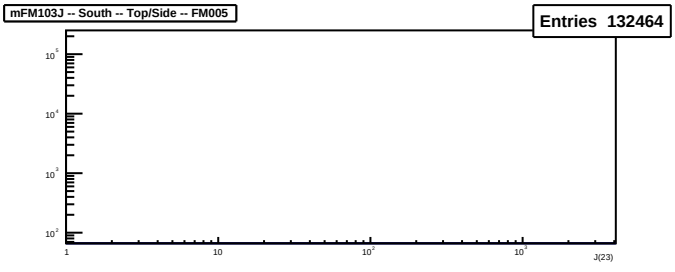
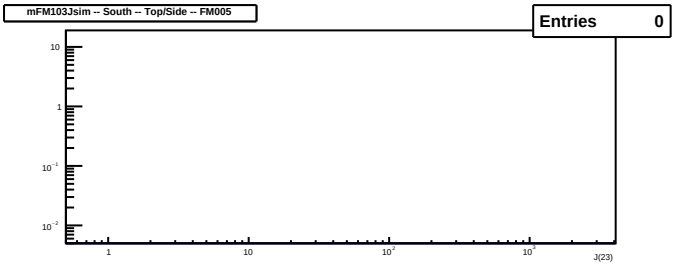
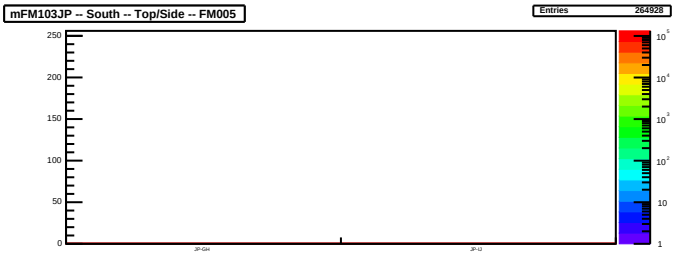
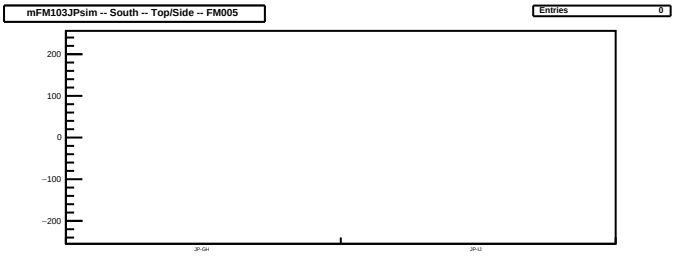
132464
132464
132464
BS3
BS2
BS1
Unused

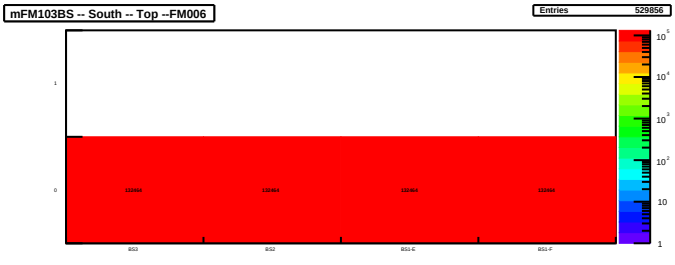

mFM103BSsim -- South -- Top/Side --FM0005
Entries 0
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 132464
J(23)


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


mFM103JP -- South -- Top/Side -- FM005
Entries 264928
JP-GH
JP-IJ


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


mFM103BS -- South -- Top --FM006
Entries 529856
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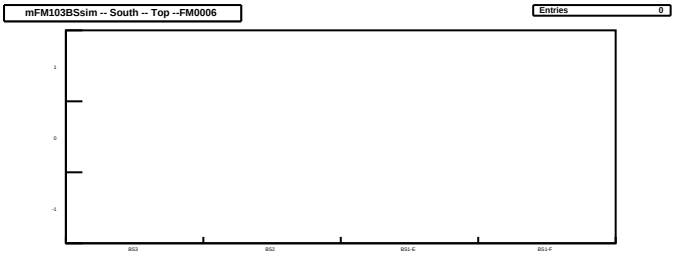
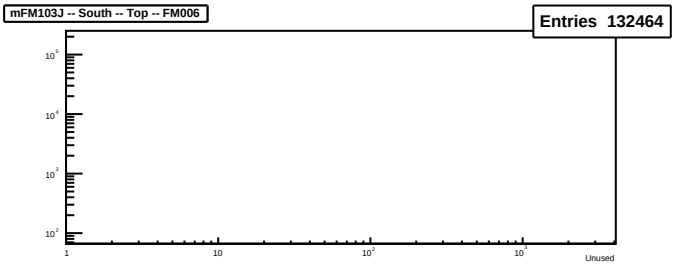
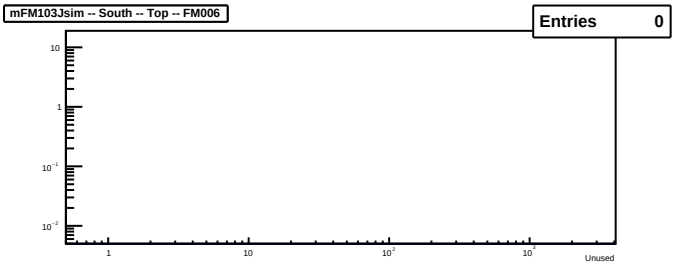
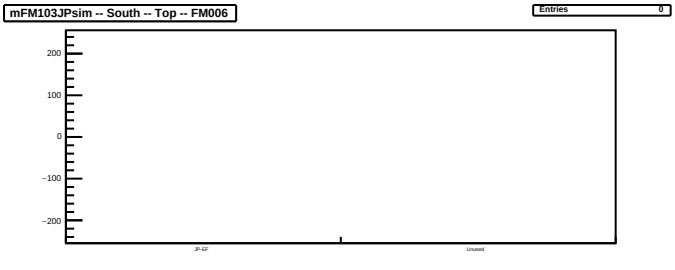
132464
132464
132464
BS3
BS2
BS1-E
BS1-F


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


mFM103J -- South -- Top -- FM006
Entries 132464
Unused


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

mFM103JP -- South -- Top -- FM006
Entries 264928
JP-EF
Unused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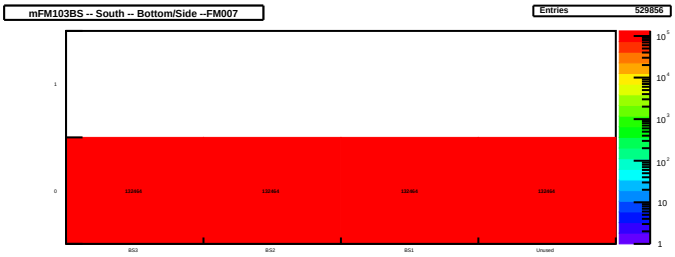
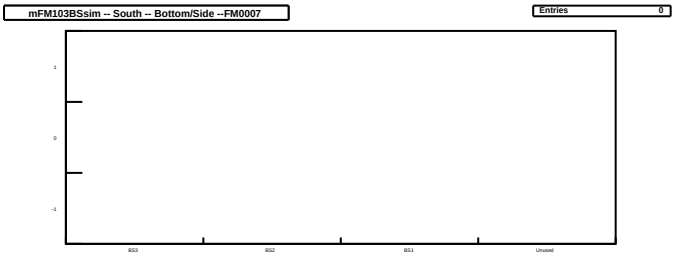
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 529856
BS3
BS2
BS1
Unused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Entries 0
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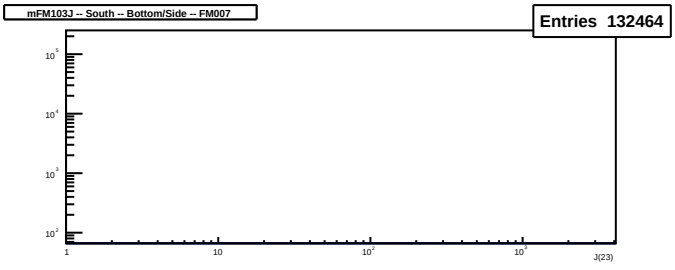
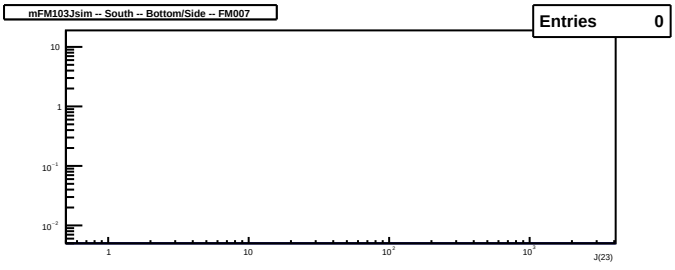
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 132464
J(23)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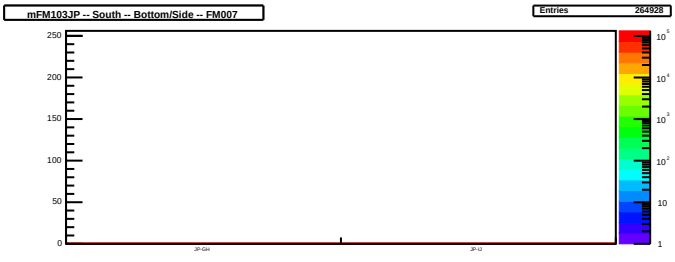
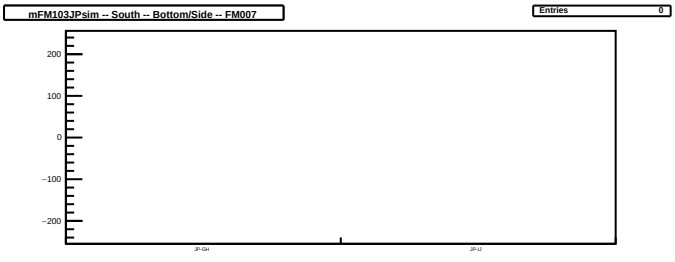
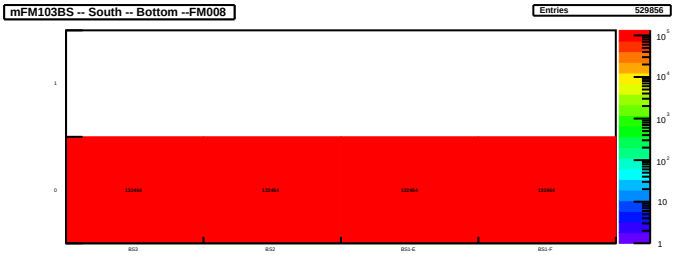
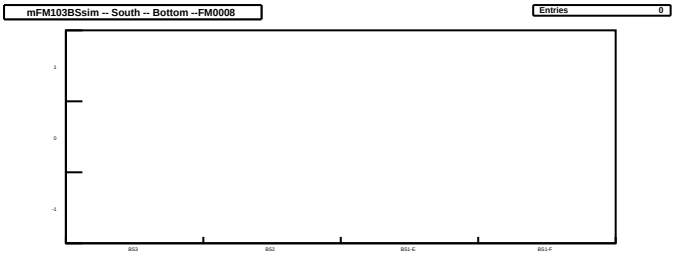
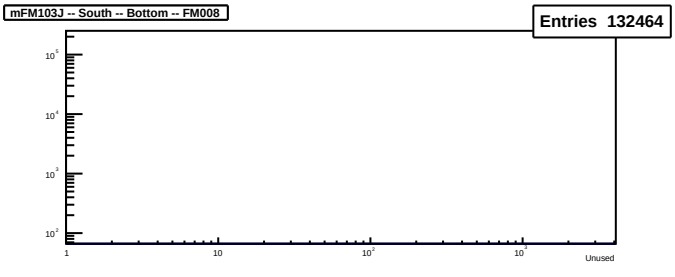
Entries 0
J(23)

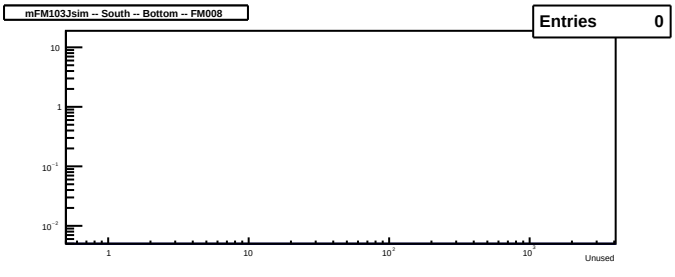

mFM103JP -- South -- Bottom/Side -- FM007
Entries 264928
JP-GH
JP-IJ

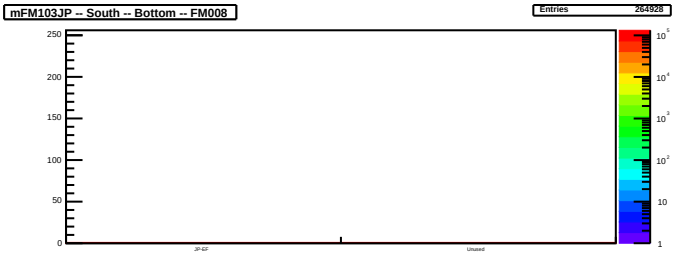

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ

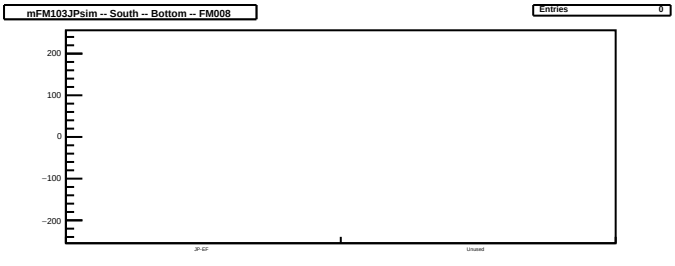

mFM103BS -- South -- Bottom --FM008
Entries 529856
BS3
BS2
BS1-E
BS1-F

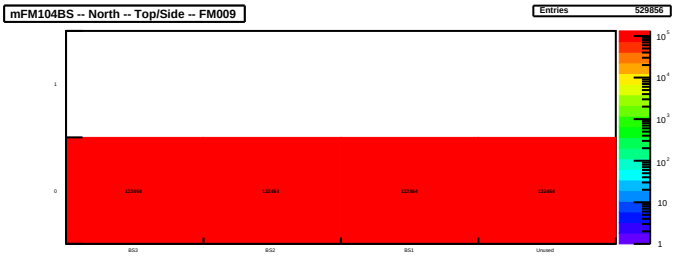

mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 132464
Unused


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


mFM103JP -- South -- Bottom -- FM008
Entries 264928
JP-EF
Unused


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


mFM104BS -- North -- Top/Side -- FM009
Entries 529856
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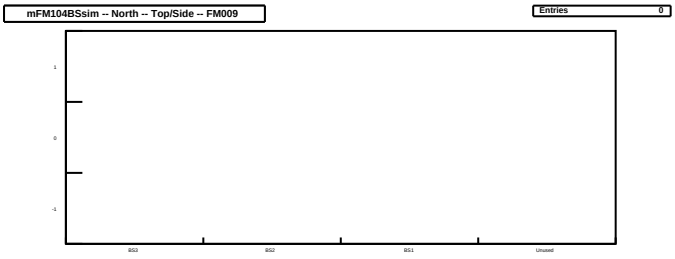
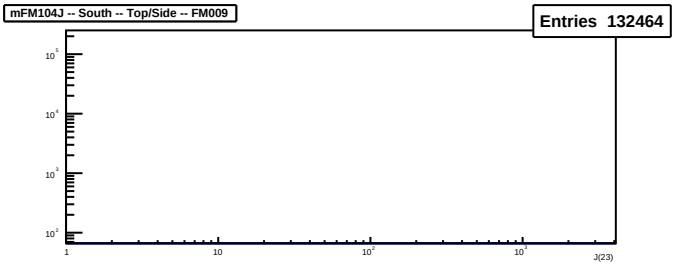
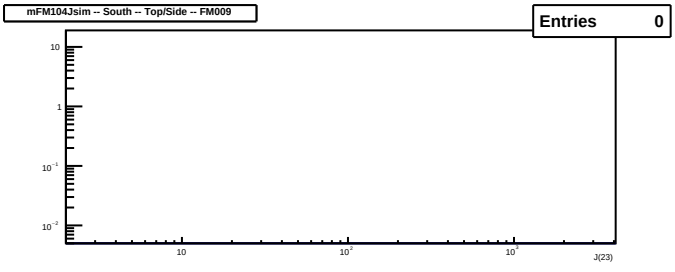
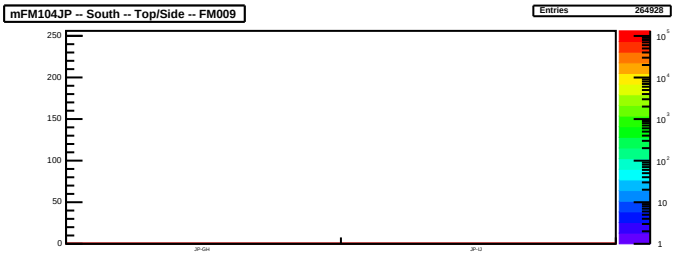
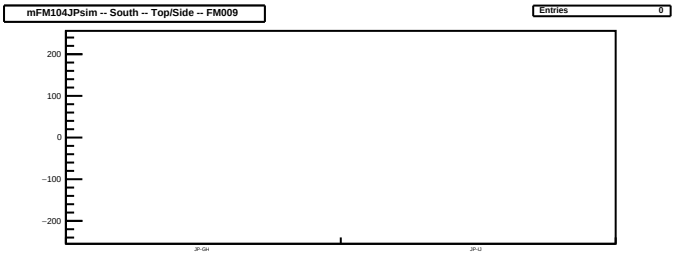
132464
132464
132464
BS3
BS2
BS1
Unused

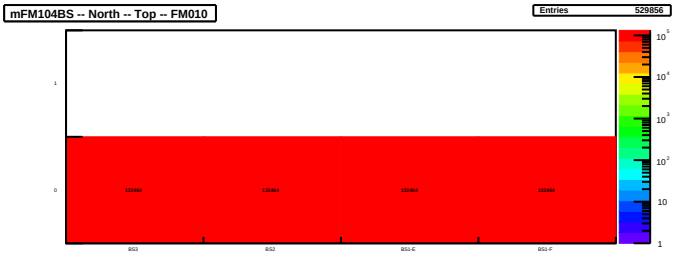

mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused

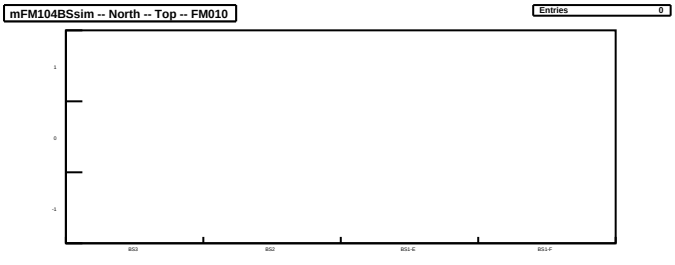

mFM104J -- South -- Top/Side -- FM009
Entries 132464
J(23)

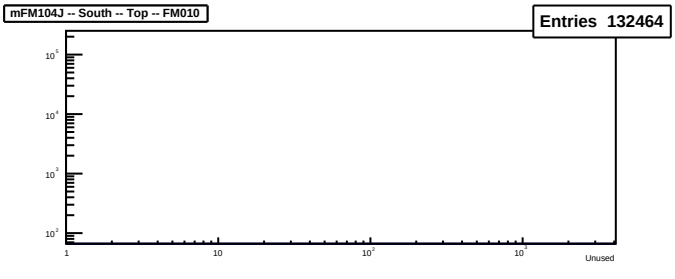

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

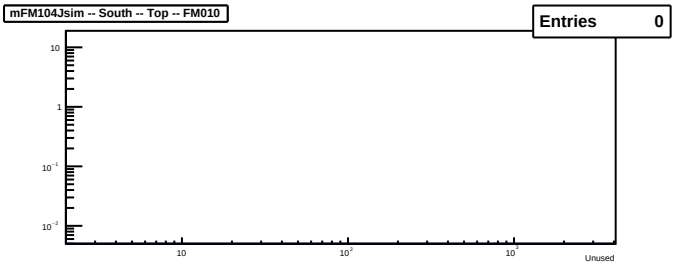

mFM104JP -- South -- Top/Side -- FM009
Entries 264928
JP-GH
JP-IJ


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

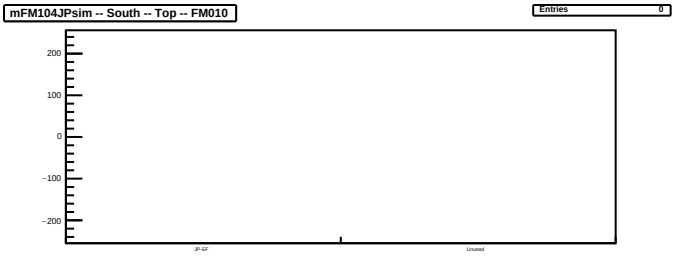

mFM104BS -- North -- Top -- FM010
Entries 529856
132464
132464
132464
132464
BS3
BS2
BS1-E
BS1-F

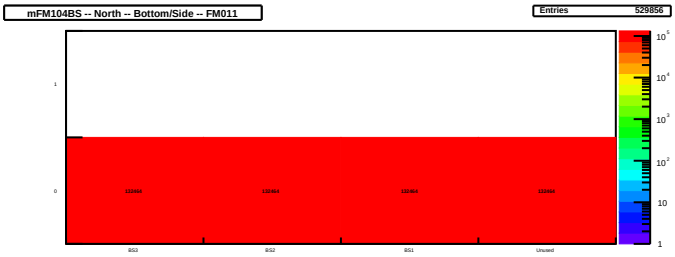

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

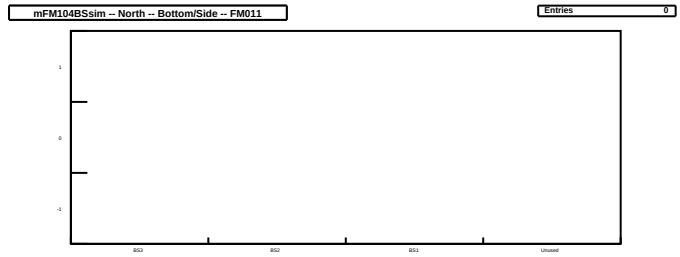

mFM104J -- South -- Top -- FM010
Entries 132464
Unused

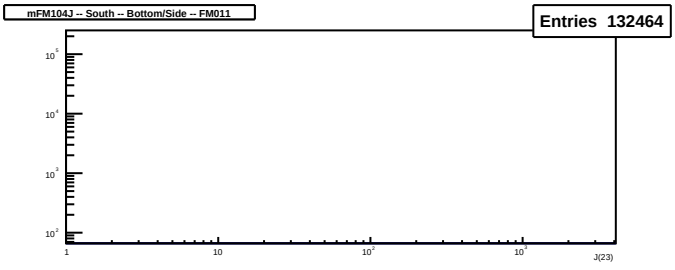

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

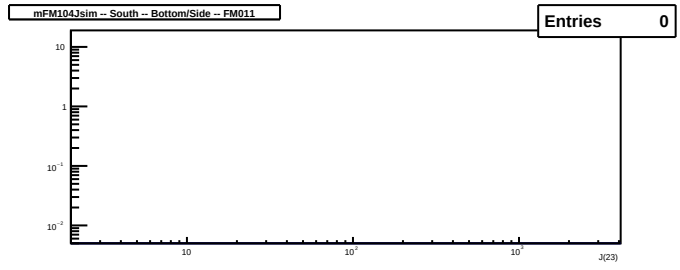
mFM104JP -- South -- Top -- FM010
Entries 264928
JP-EF
Unused

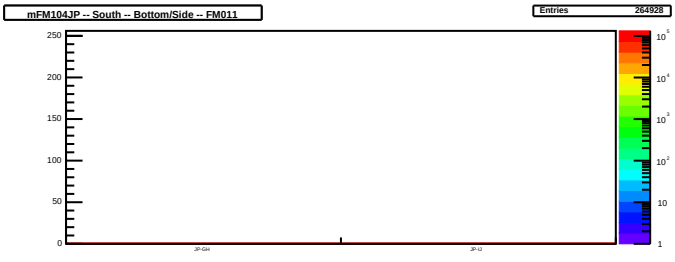

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

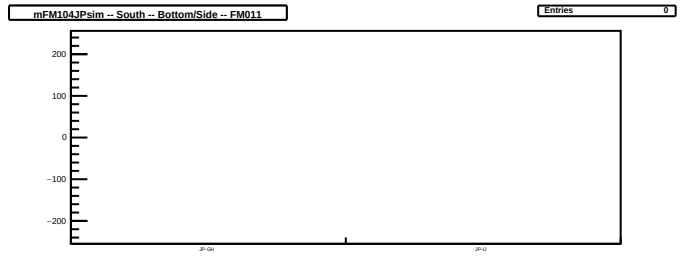

mFM104BS -- North -- Bottom/Side -- FM011
Entries 529856
132464
132464
132464
132464
BS3
BS2
BS1
Unused

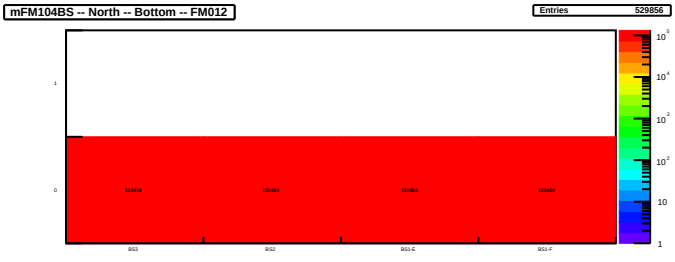

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

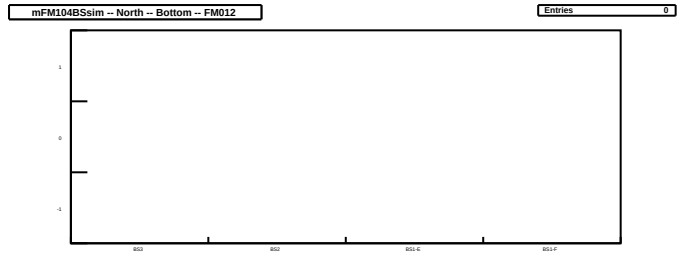

mFM104J -- South -- Bottom/Side -- FM011
Entries 132464
J(23)

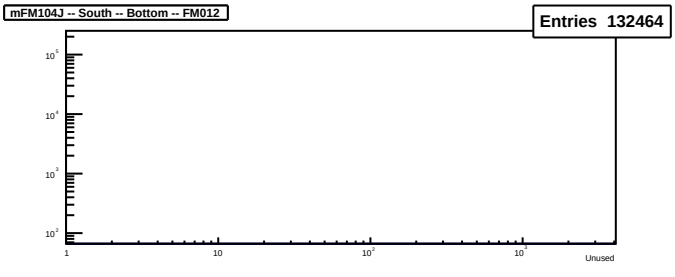

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

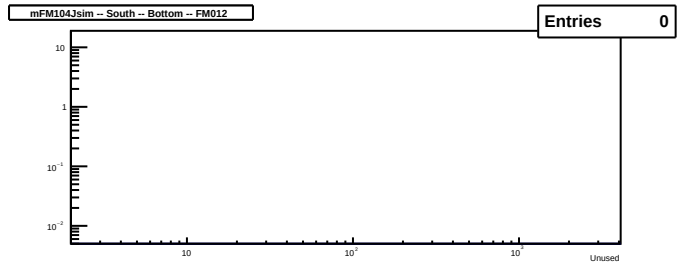

mFM104JP -- South -- Bottom/Side -- FM011
Entries 264928
JP-GH
JP-IJ


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

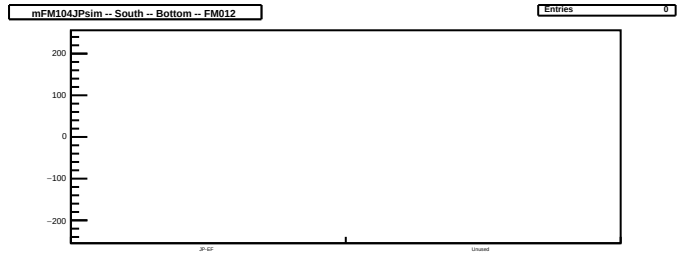

mFM104BS -- North -- Bottom -- FM012
Entries 529856
132464
132464
132464
132464
BS3
BS2
BS1-E
BS1-F

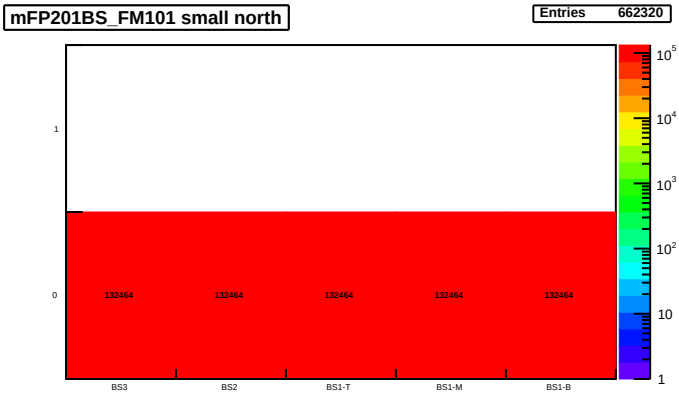

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

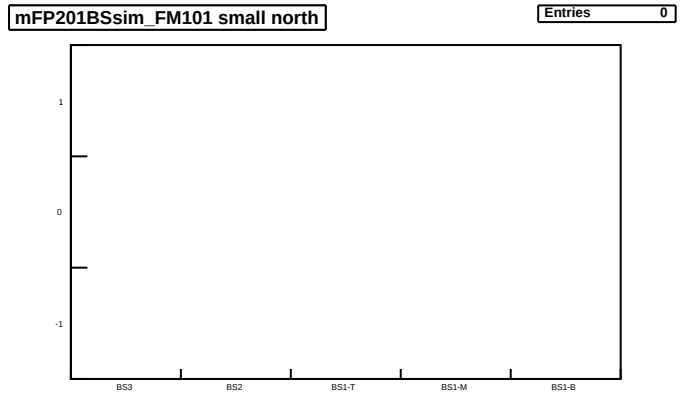

mFM104J -- South -- Bottom -- FM012
Entries 132464
Unused

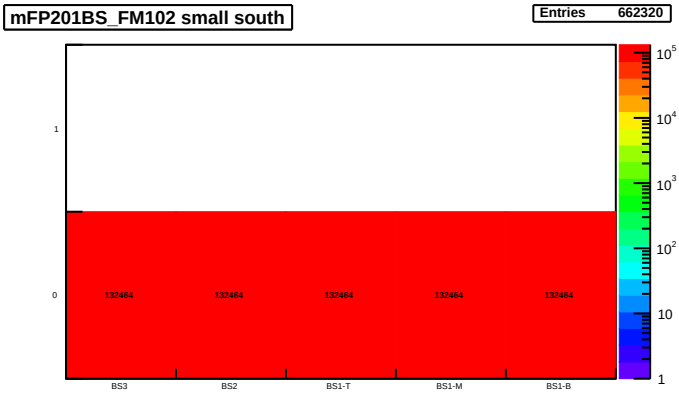

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

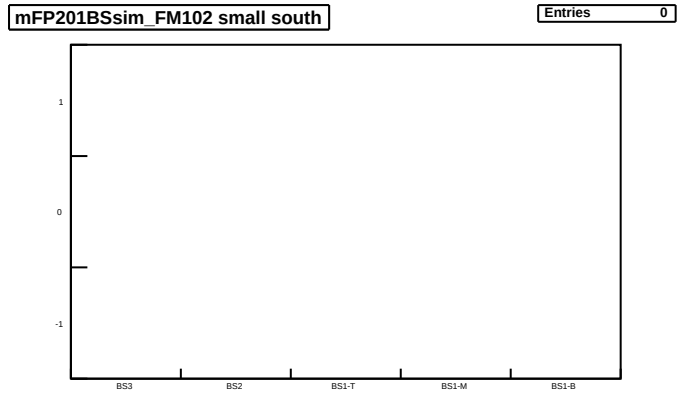
mFM104JP -- South -- Bottom -- FM012
Entries 264928
JP-EF
Unused

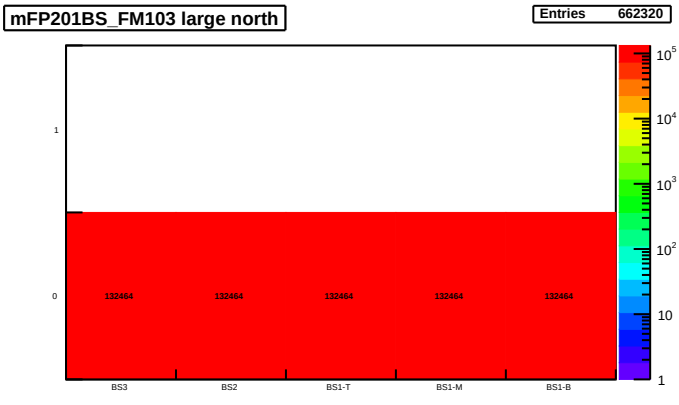

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

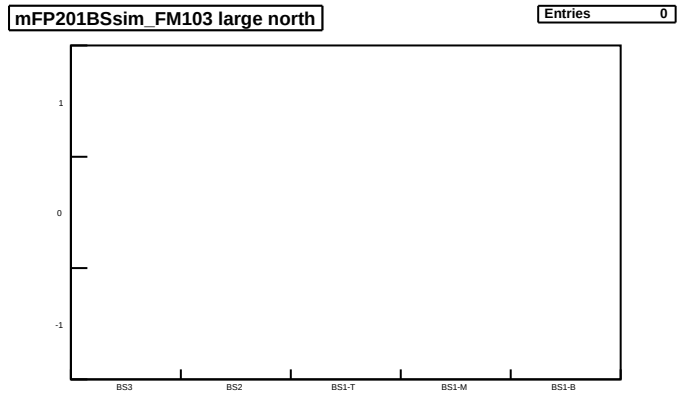

mFP201BS_FM101 small north
Entries 662320
132464
BS3
BS2
BS1-T
BS1-M
BS1-B

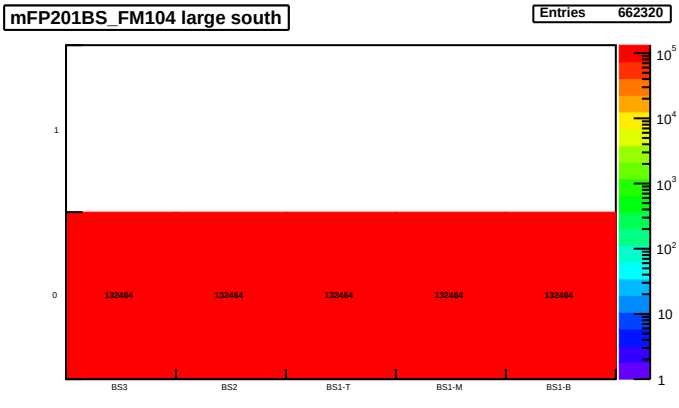

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

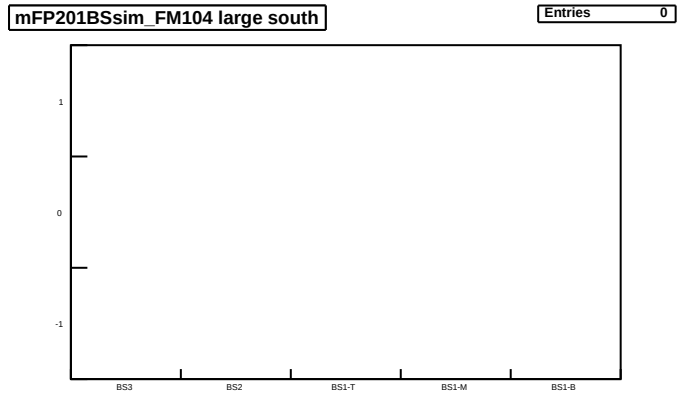

mFP201BS_FM102 small south
Entries 662320
132464
BS3
BS2
BS1-T
BS1-M
BS1-B

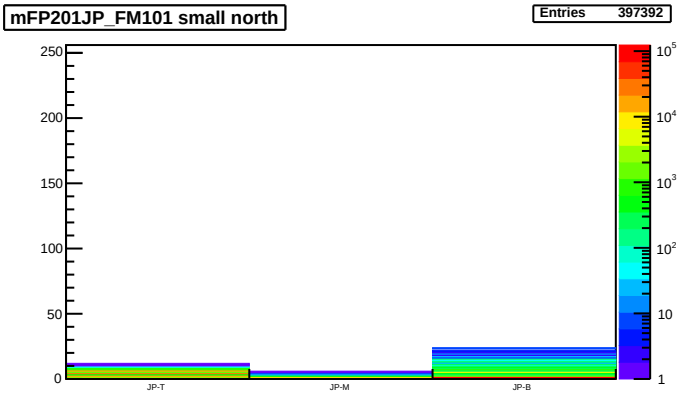

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

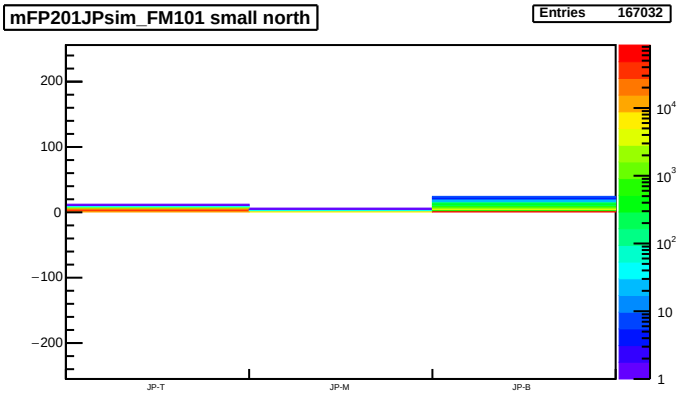

mFP201BS_FM103 large north
Entries 662320
132464
BS3
BS2
BS1-T
BS1-M
BS1-B

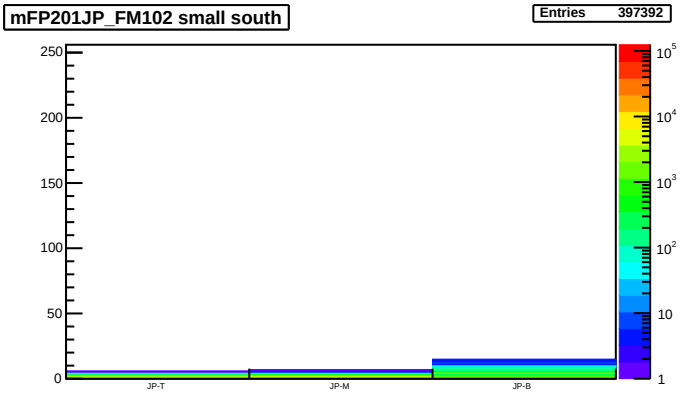

mFP201BSsim_FM103 large north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

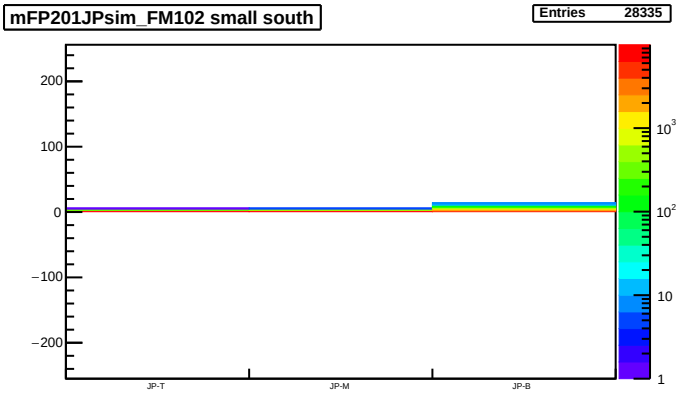

mFP201BS_FM104 large south
Entries 662320
132464
BS3
BS2
BS1-T
BS1-M
BS1-B

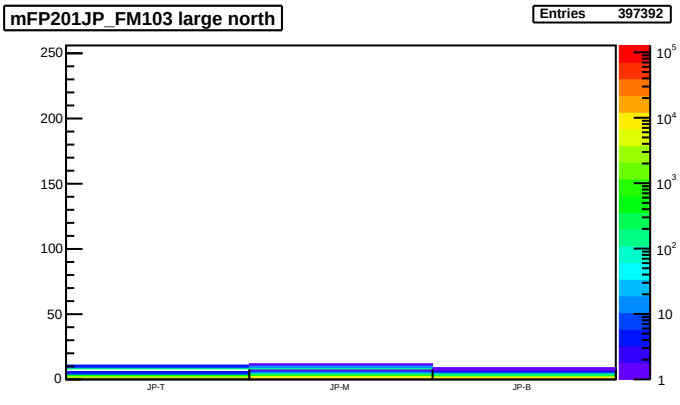

mFP201BSsim_FM104 large south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

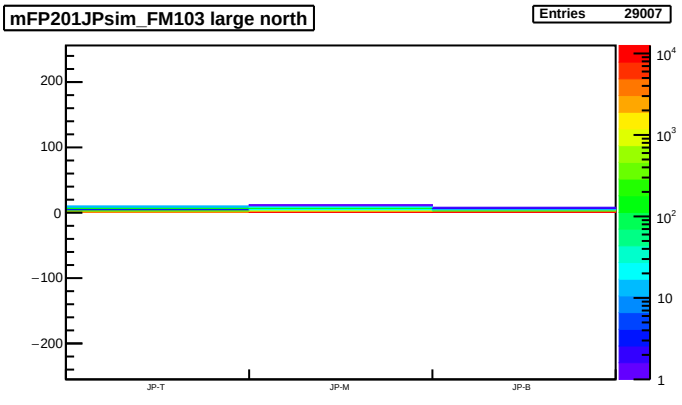

mFP201JP_FM101 small north
Entries 397392
JP-T
JP-M
JP-B

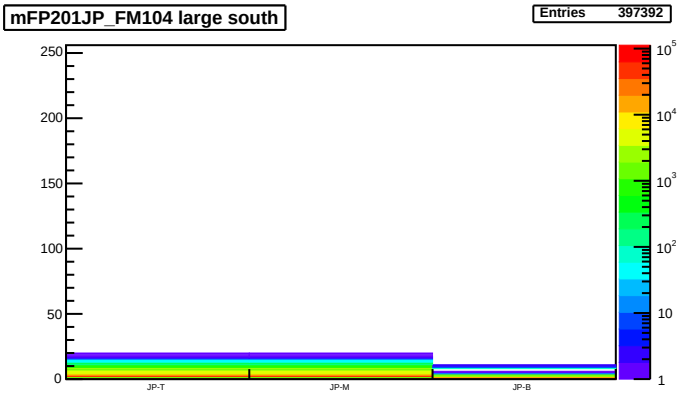

mFP201JPsim_FM101 small north
Entries 167032
JP-T
JP-M
JP-B

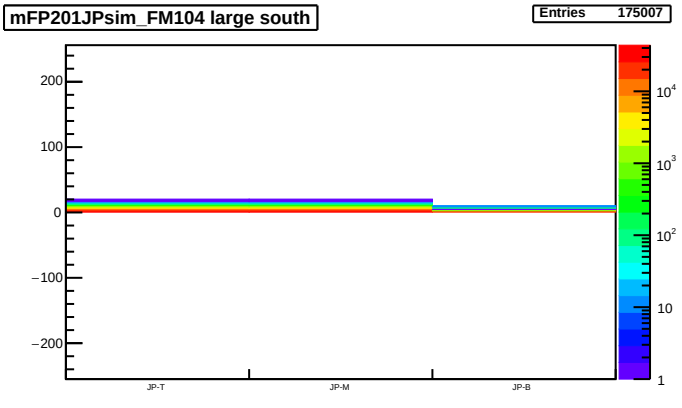

mFP201JP_FM102 small south
Entries 397392
JP-T
JP-M
JP-B

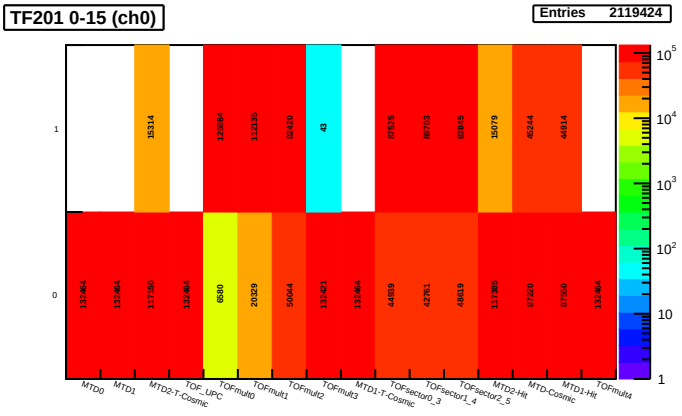

mFP201JPsim_FM102 small south
Entries 28335
JP-T
JP-M
JP-B

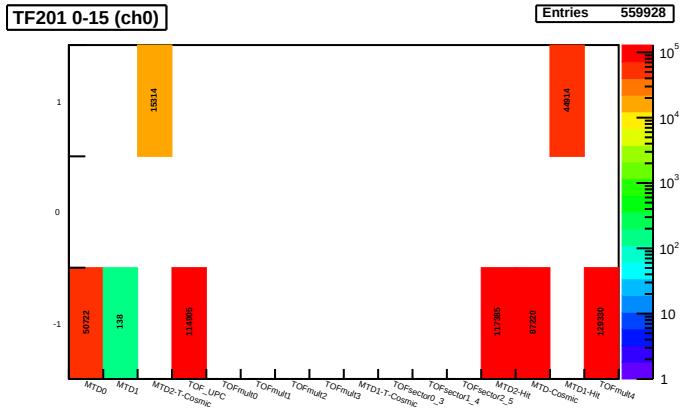

mFP201JP_FM103 large north
Entries 397392
JP-T
JP-M
JP-B

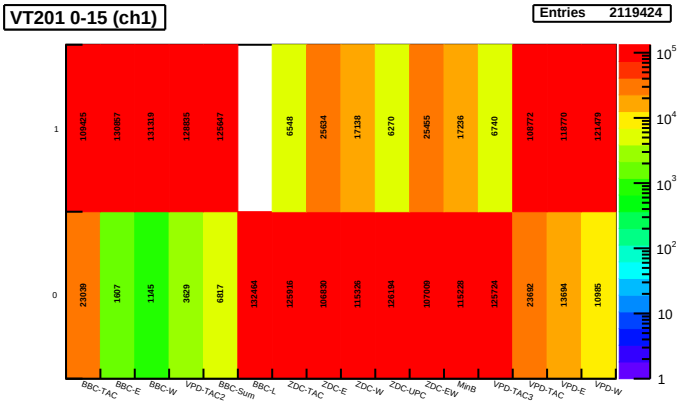

mFP201JPsim_FM103 large north
Entries 29007
JP-T
JP-M
JP-B

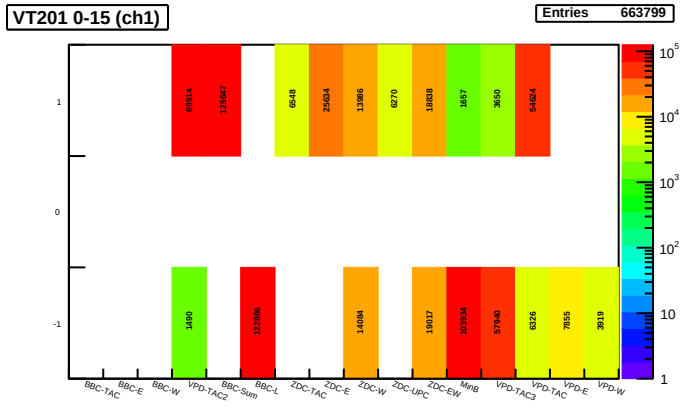

mFP201JP_FM104 large south
Entries 397392
JP-T
JP-M
JP-B

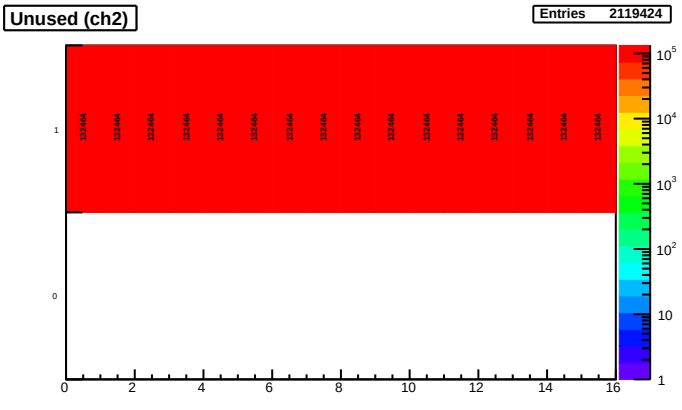

mFP201JPsim_FM104 large south
Entries 175007
JP-T
JP-M
JP-B

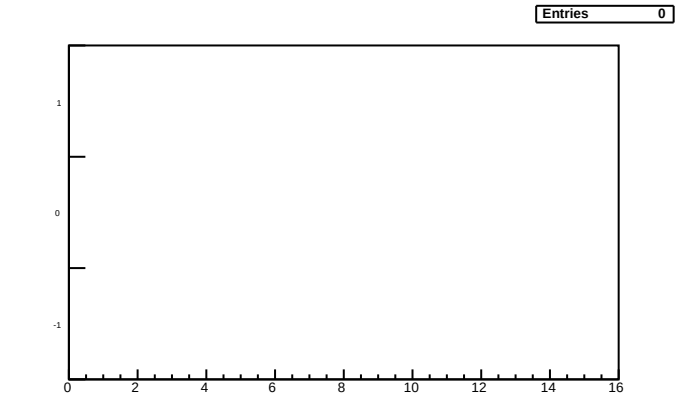

TF201 0-15 (ch0)
Entries 2119424
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

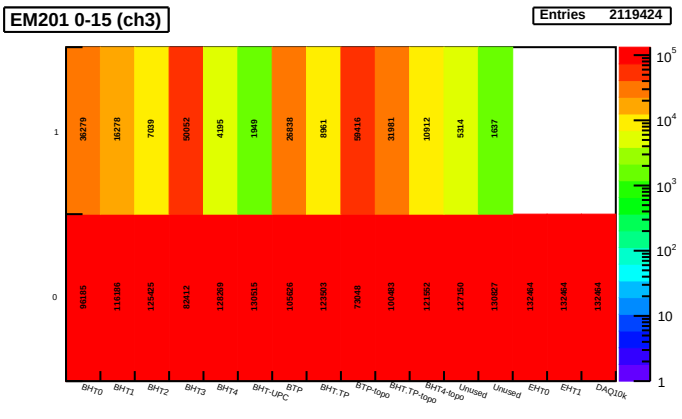

TF201 0-15 (ch0)
Entries 559928
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

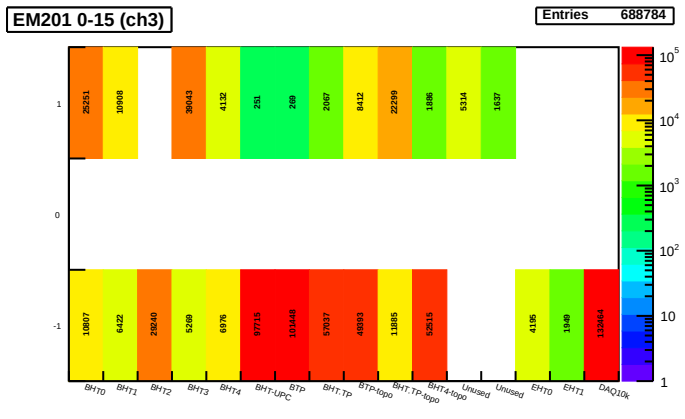

VT201 0-15 (ch1)
Entries 2119424
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

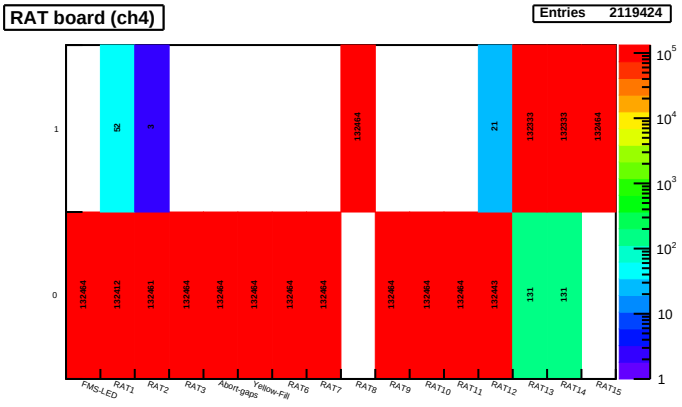

VT201 0-15 (ch1)
Entries 663799
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

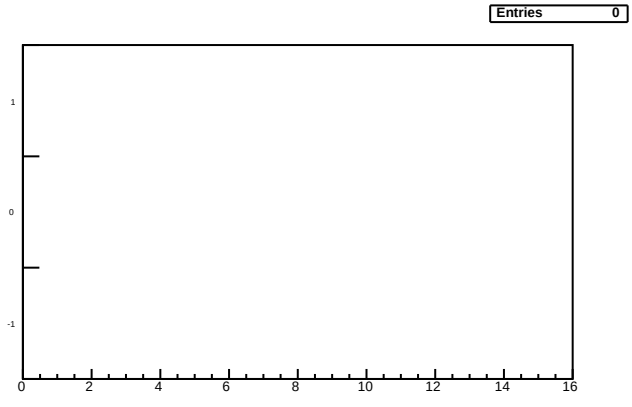

Unused (ch2)
Entries 2119424

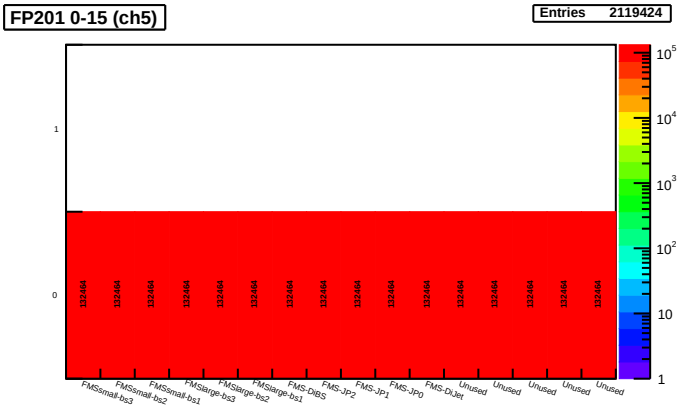

Entries 0

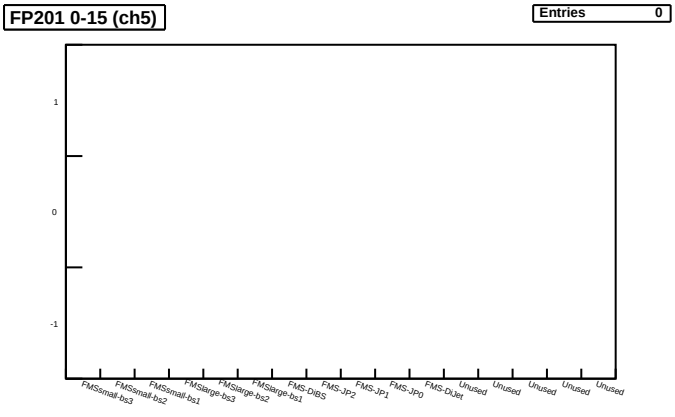

EM201 0-15 (ch3)
Entries 2119424
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

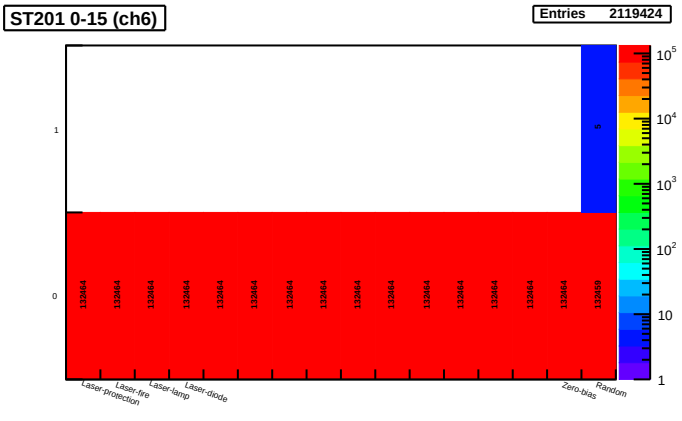

EM201 0-15 (ch3)
Entries 688784
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

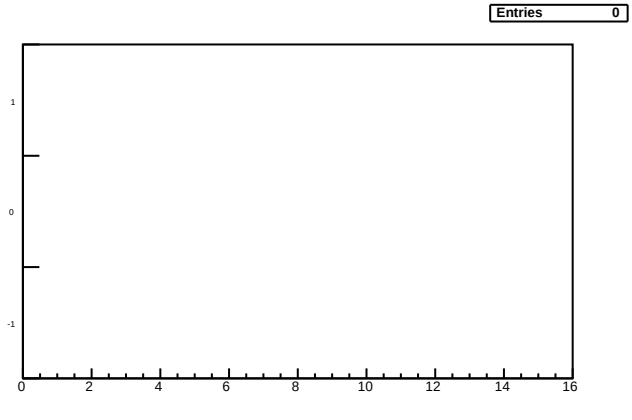

RAT board (ch4)
Entries 2119424
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

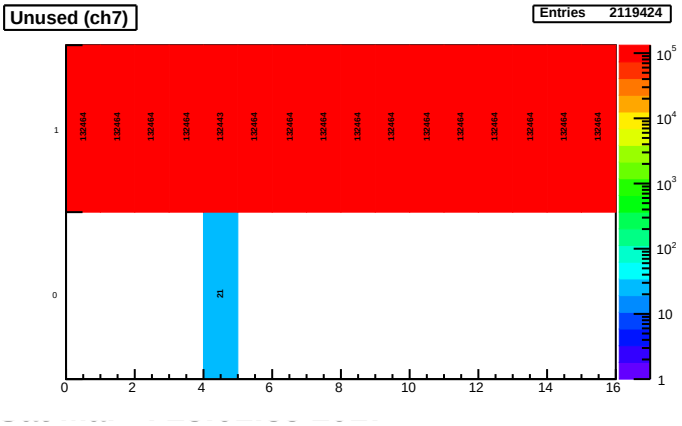

Entries 0

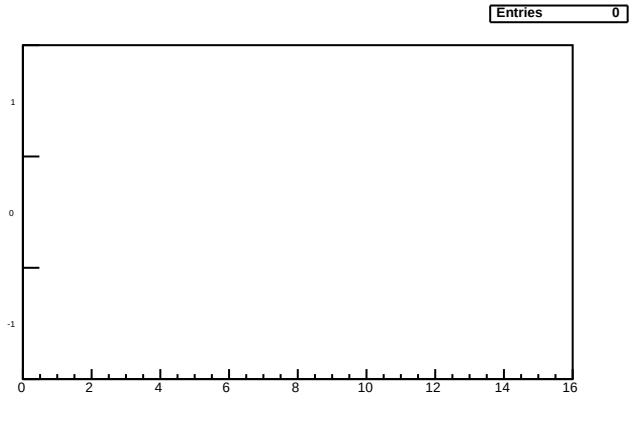

FP201 0-15 (ch5)
Entries 2119424
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 2119424
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 2119424


Entries 0