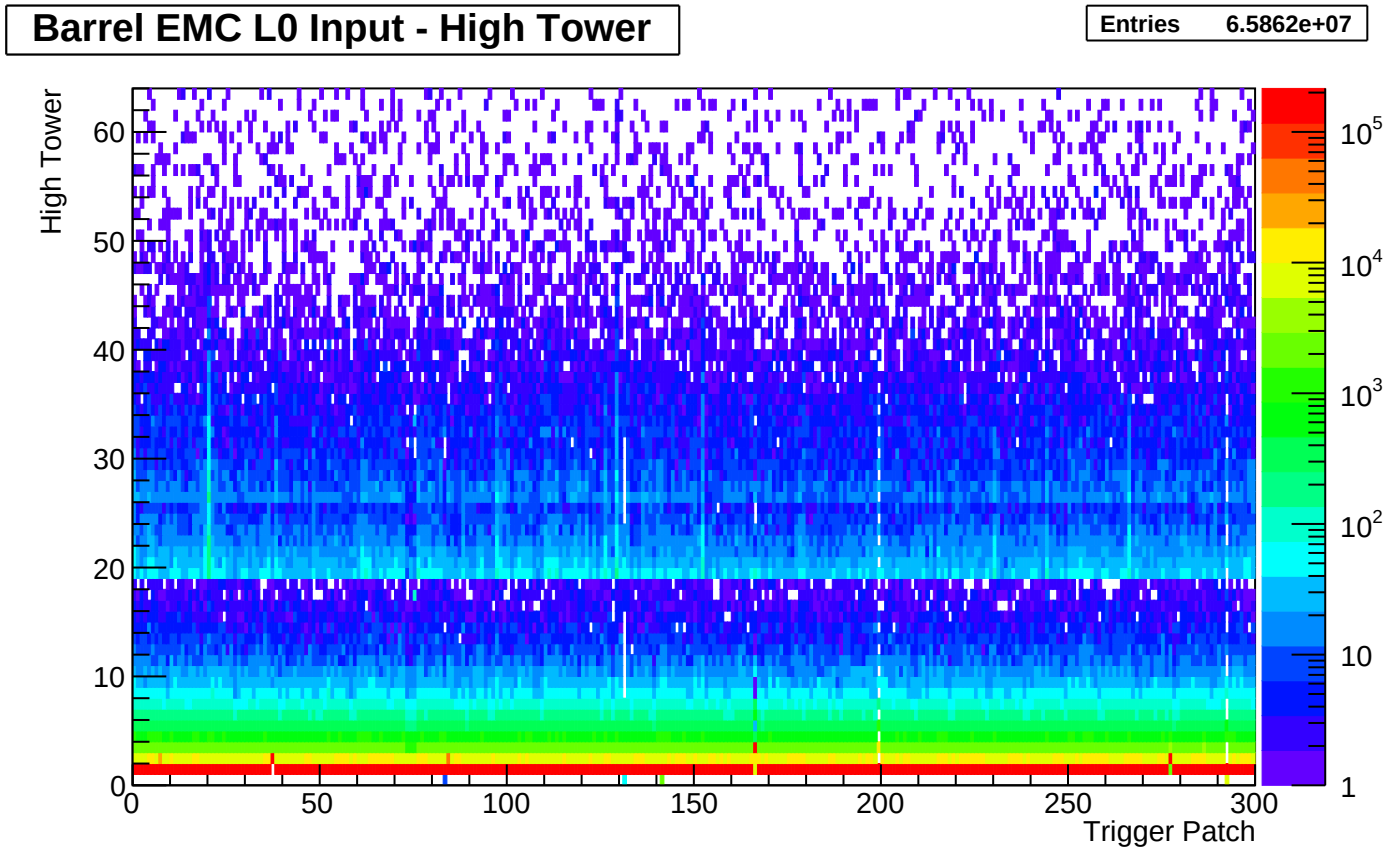
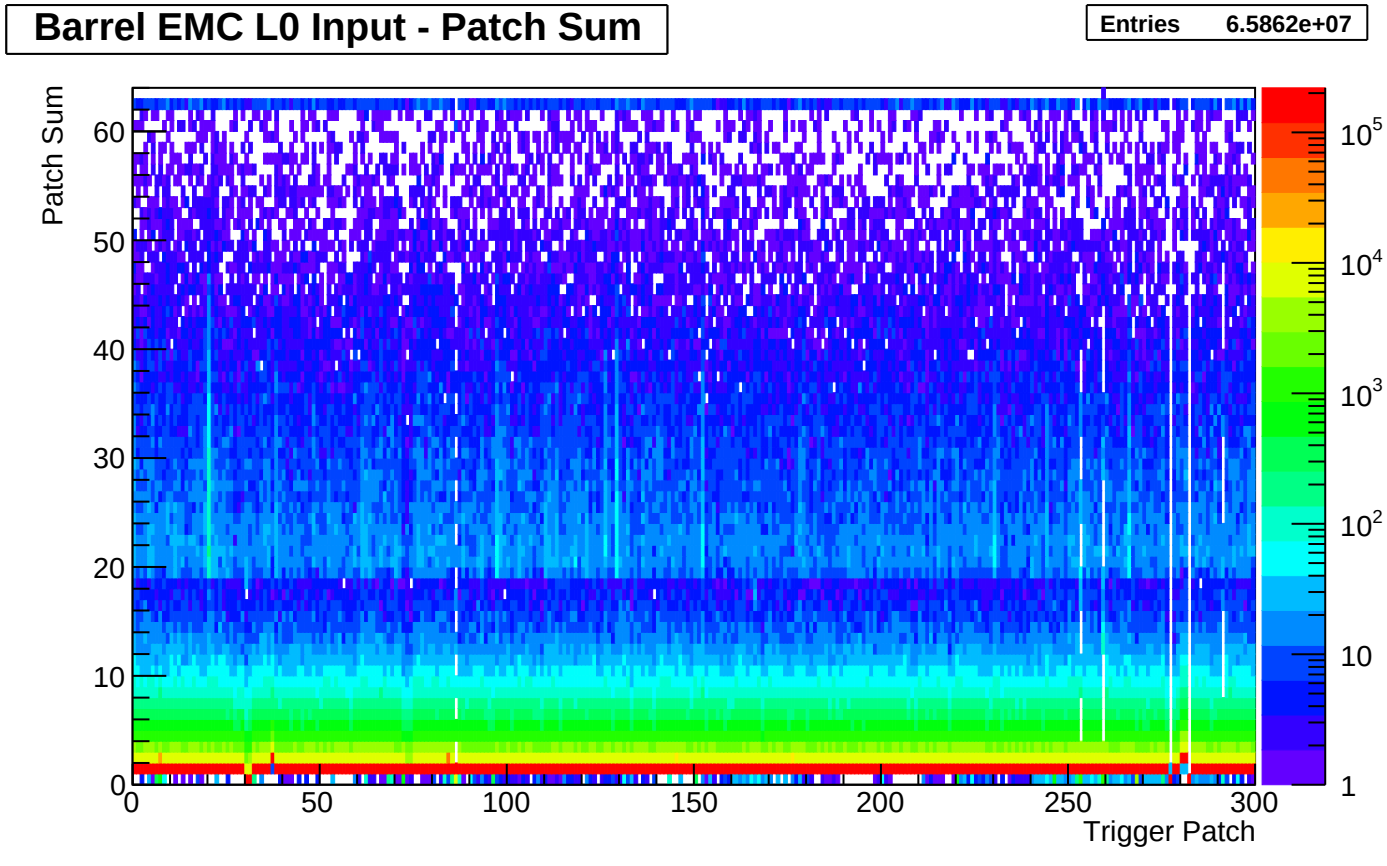
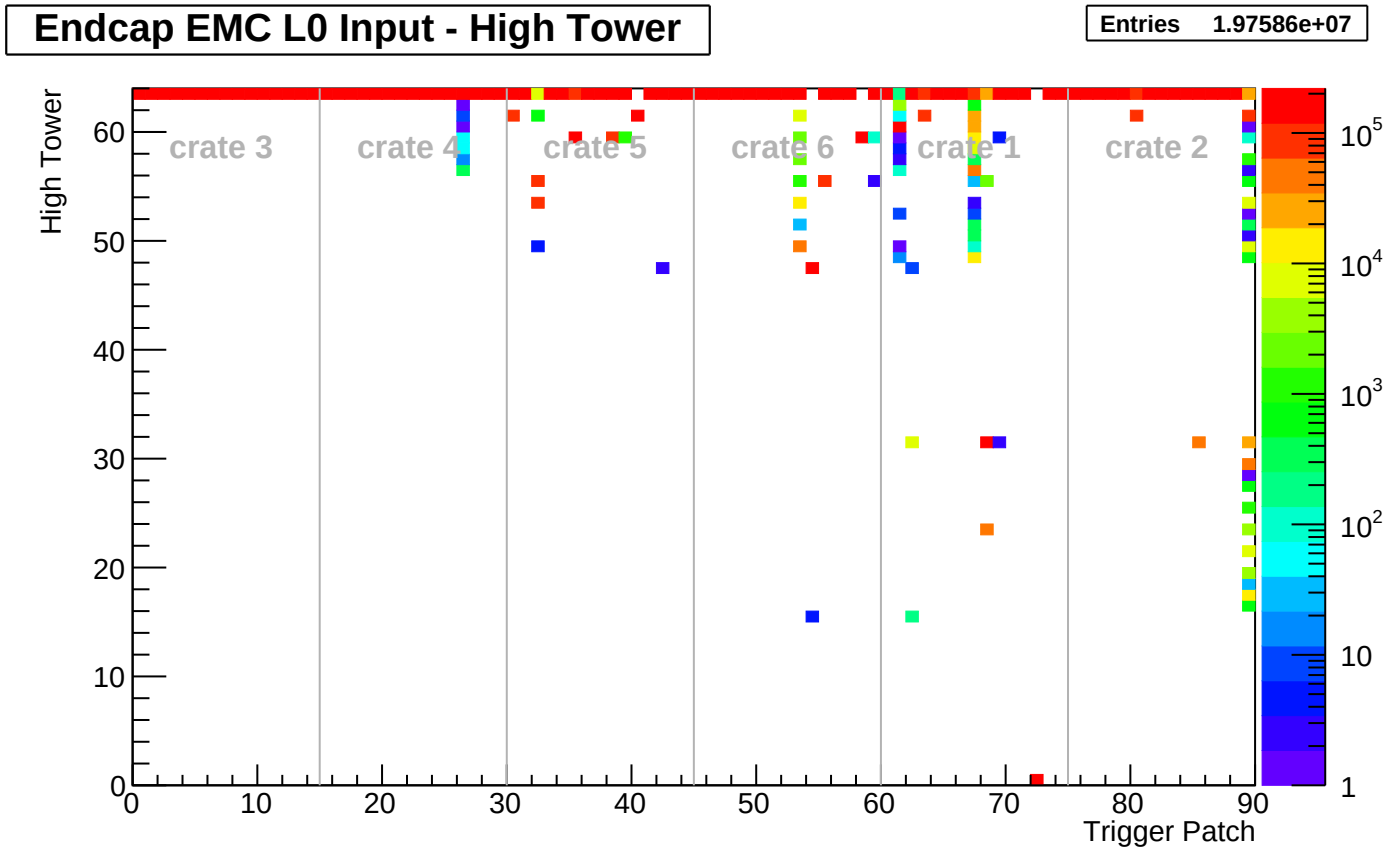
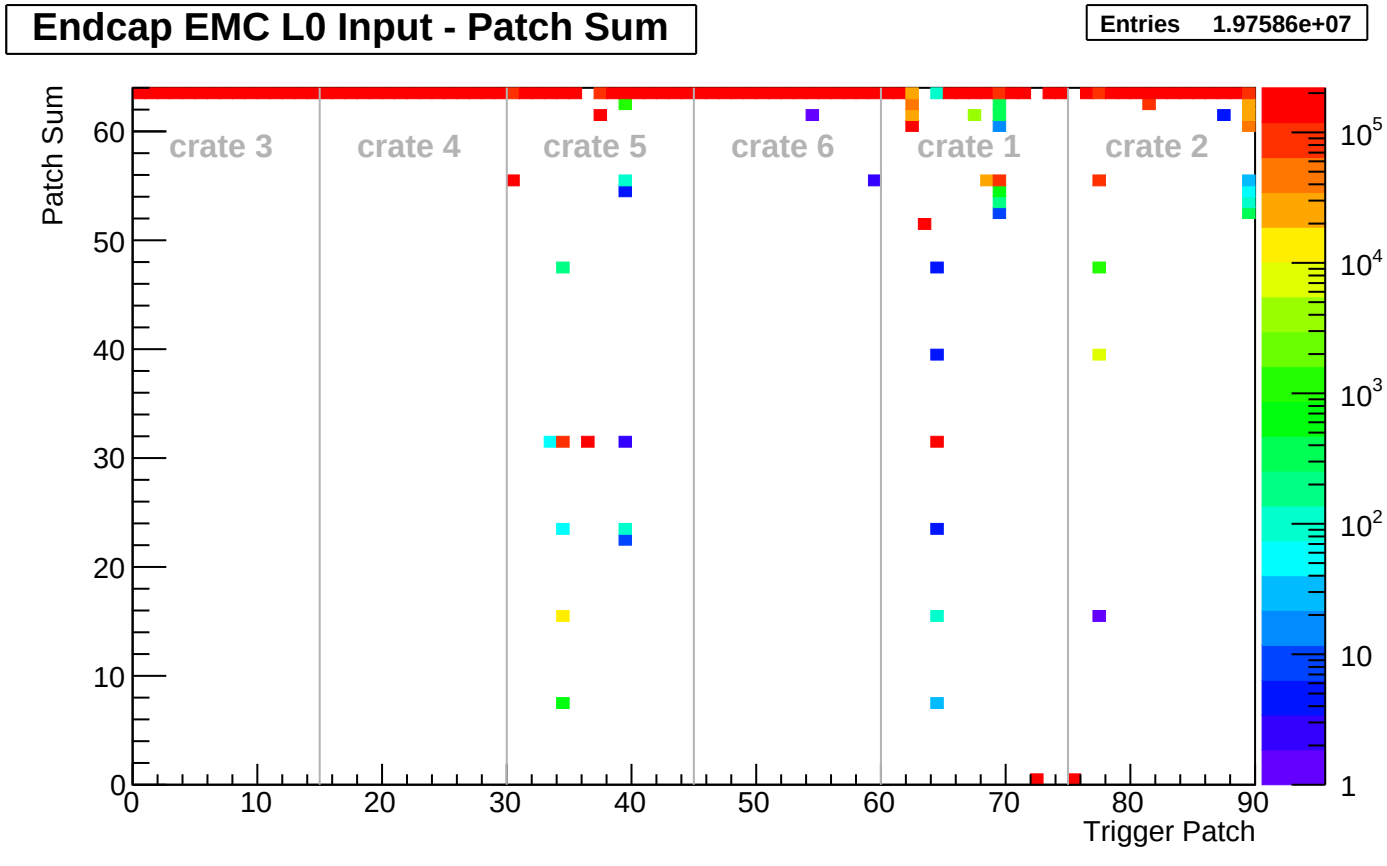
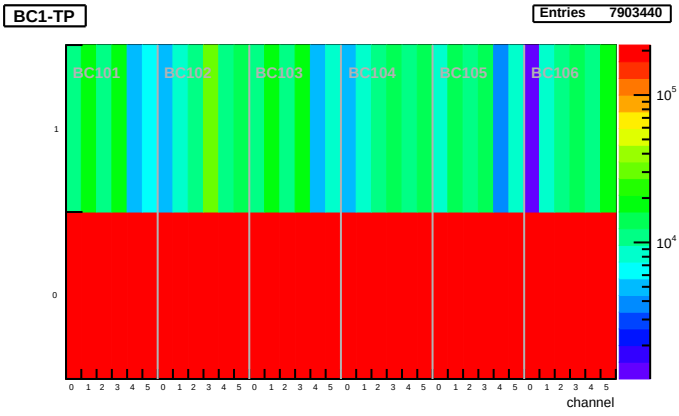
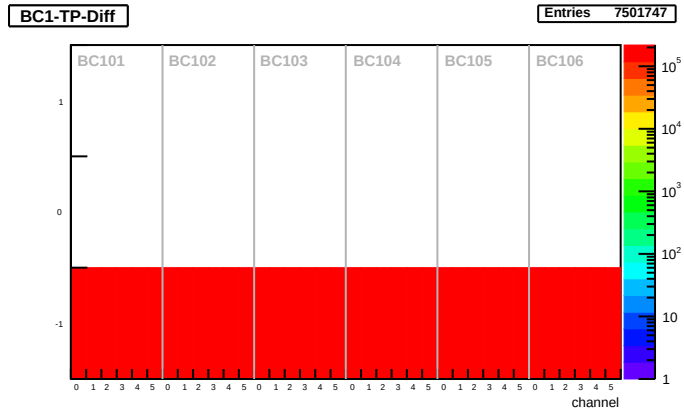

Barrel EMC L0 Input - High Tower
Entries 6.5862e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

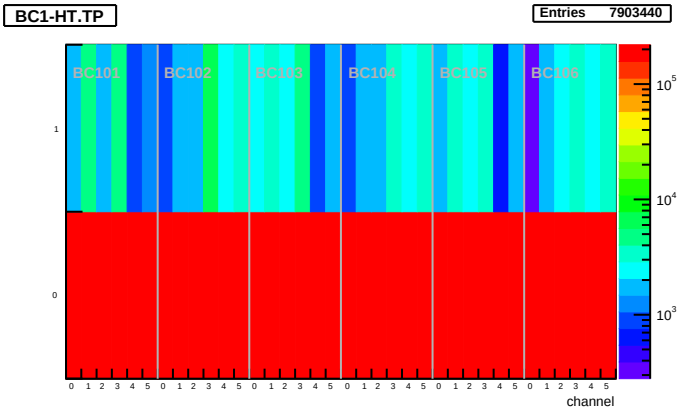

Barrel EMC L0 Input - Patch Sum
Entries 6.5862e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

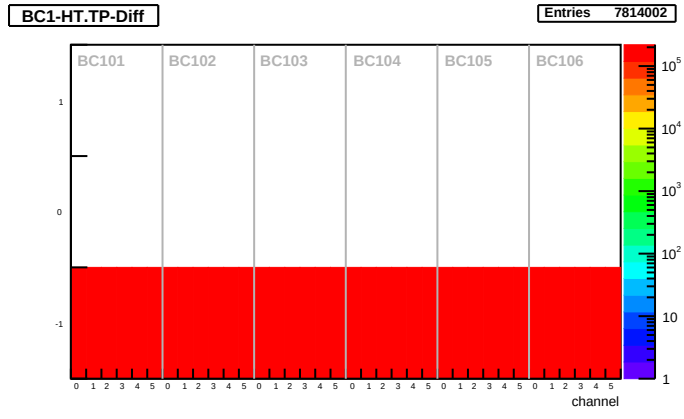

Endcap EMC L0 Input - High Tower
Entries 1.97586e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

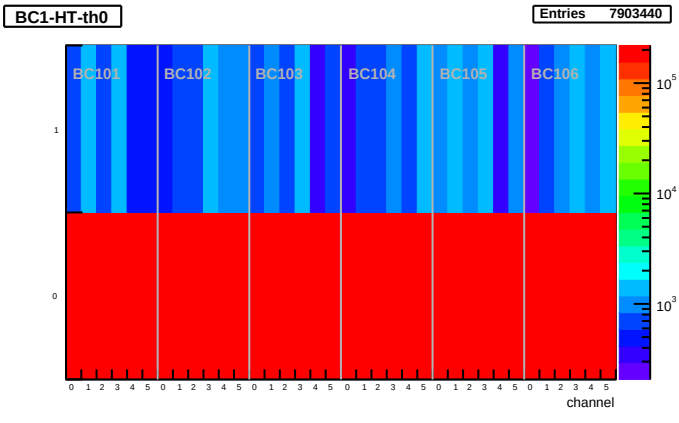

Endcap EMC L0 Input - Patch Sum
Entries 1.97586e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

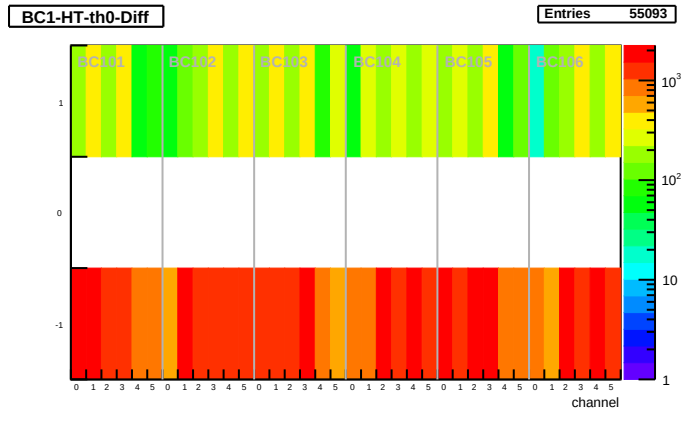

BC1-TP
Entries 7903440
BC101
BC102
BC103
BC104
BC105
BC106
channel

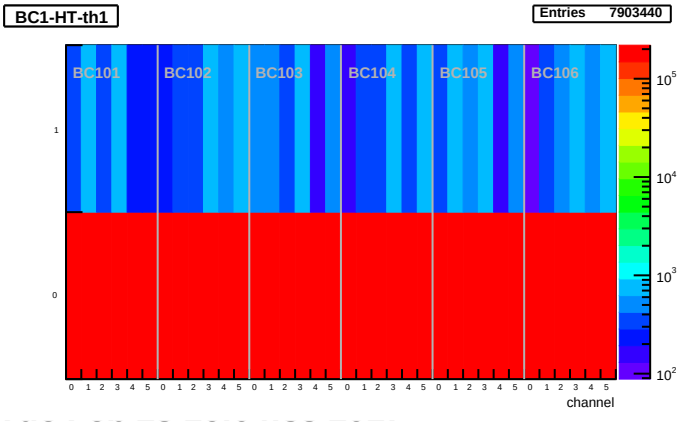

BC1-TP-Diff
Entries 7501747
BC101
BC102
BC103
BC104
BC105
BC106
channel

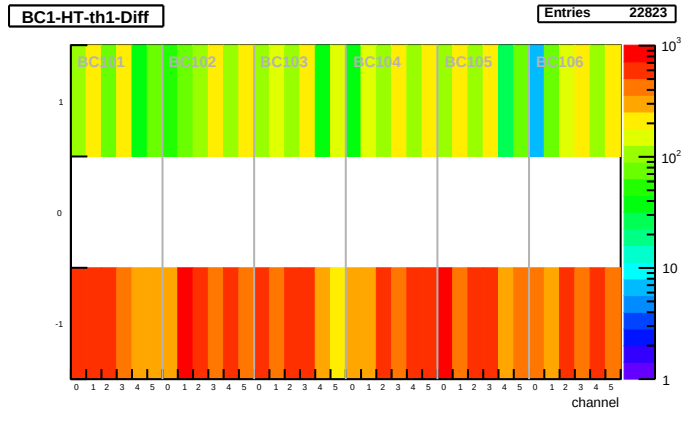

BC1-HT.TP
Entries 7903440
BC101
BC102
BC103
BC104
BC105
BC106
channel

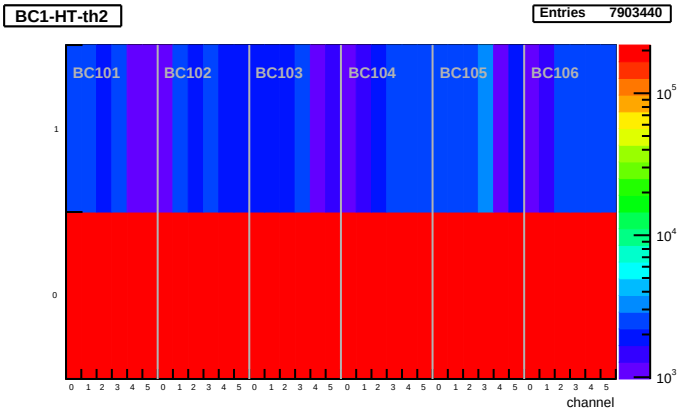

BC1-HT.TP-Diff
Entries 7814002
BC101
BC102
BC103
BC104
BC105
BC106
channel

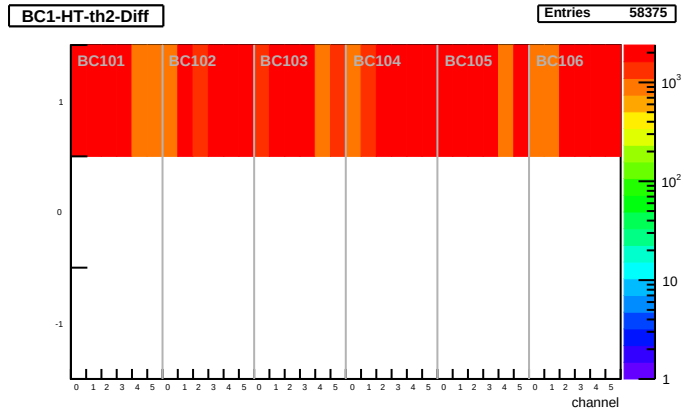

BC1-HT-th0
Entries 7903440
BC101
BC102
BC103
BC104
BC105
BC106
channel

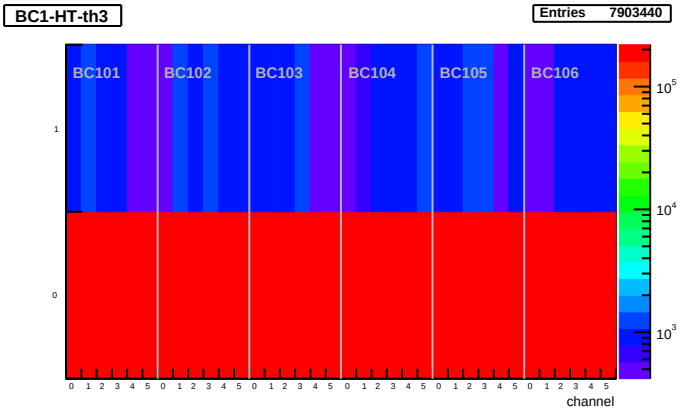

BC1-HT-th0-Diff
Entries 55093
BC101
BC102
BC103
BC104
BC105
BC106
channel

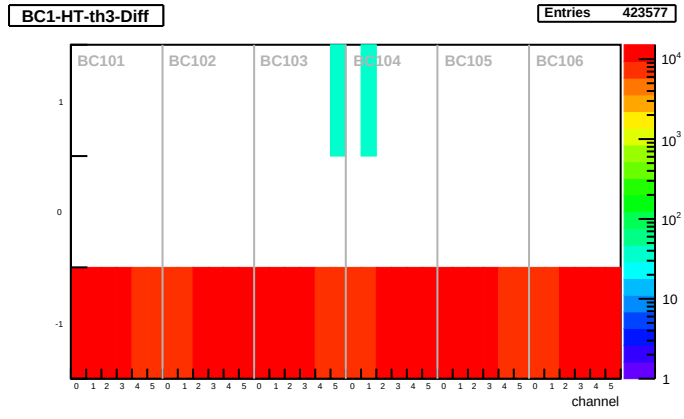

BC1-HT-th1
Entries 7903440
BC101
BC102
BC103
BC104
BC105
BC106
channel

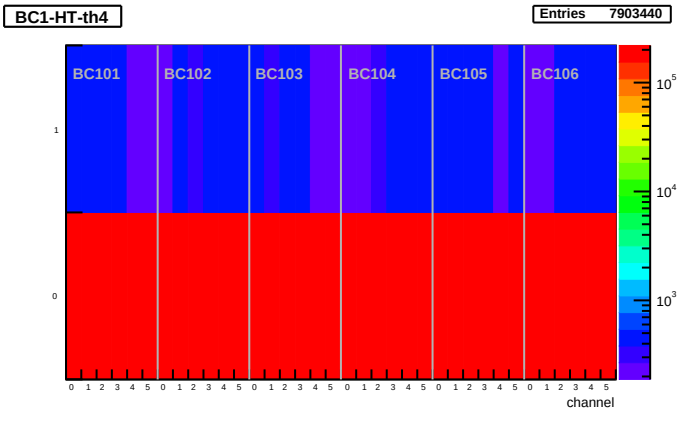

BC1-HT-th1-Diff
Entries 22823
BC101
BC102
BC103
BC104
BC105
BC106
channel

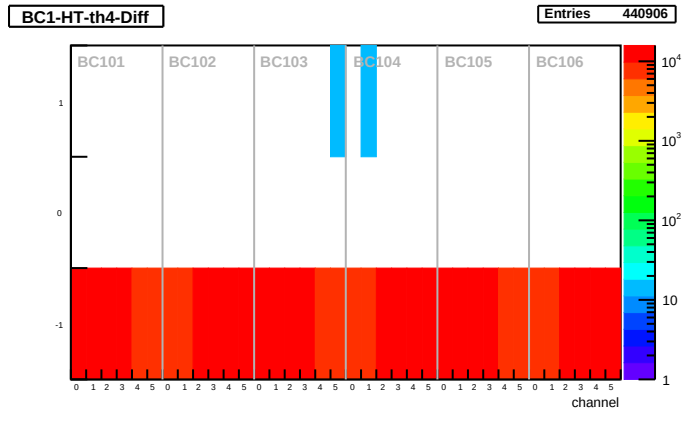

BC1-HT-th2
Entries 7903440
BC101
BC102
BC103
BC104
BC105
BC106
channel

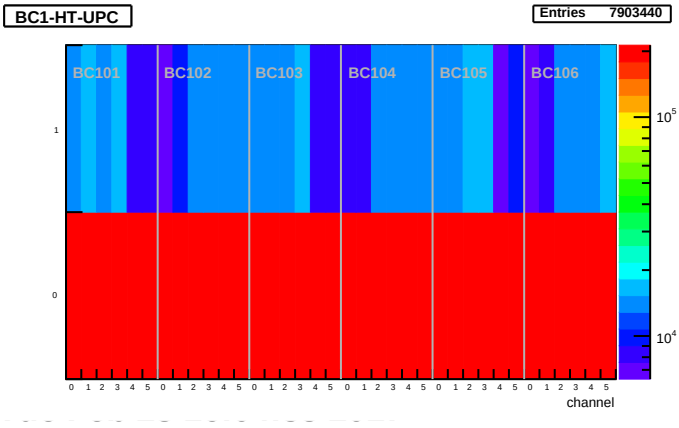

BC1-HT-th2-Diff
Entries 58375
BC101
BC102
BC103
BC104
BC105
BC106
channel

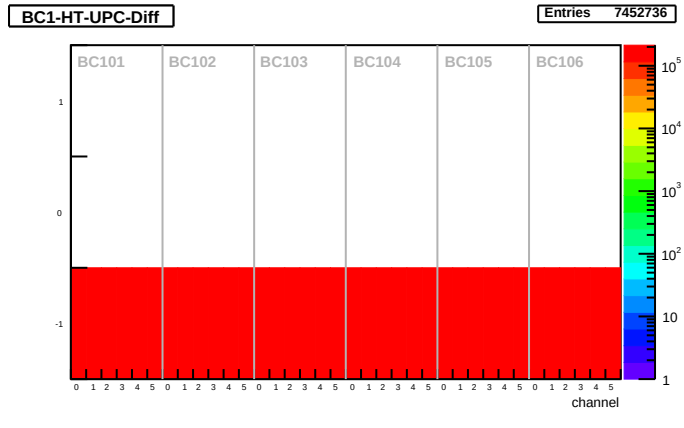

BC1-HT-th3
Entries 7903440
BC101
BC102
BC103
BC104
BC105
BC106
channel

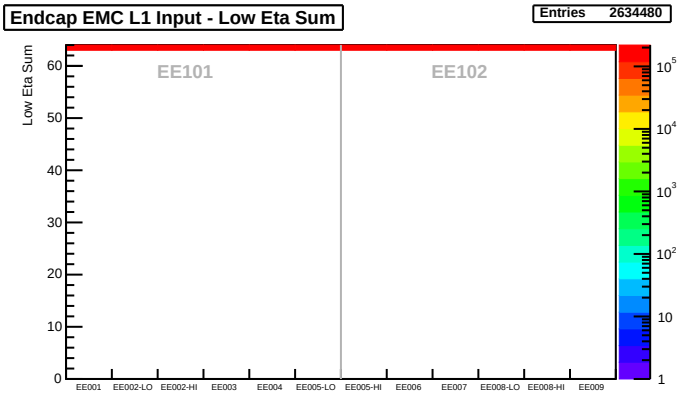

BC1-HT-th3-Diff
Entries 423577
BC101
BC102
BC103
BC104
BC105
BC106
channel

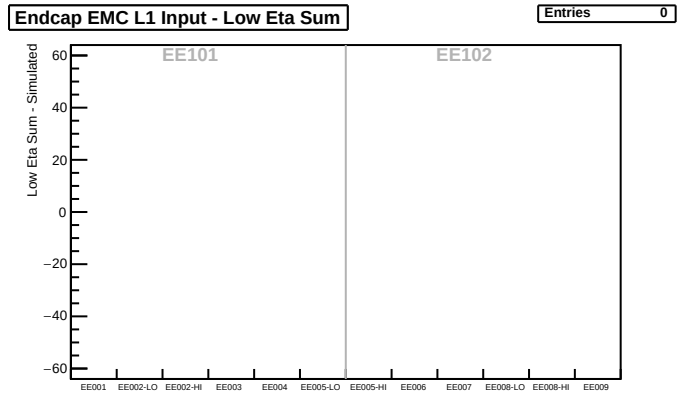

BC1-HT-th4
Entries 7903440
BC101
BC102
BC103
BC104
BC105
BC106
channel

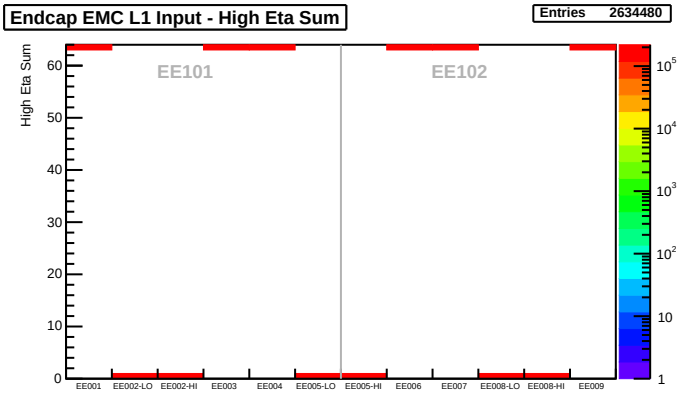

BC1-HT-th4-Diff
Entries 440906
BC101
BC102
BC103
BC104
BC105
BC106
channel

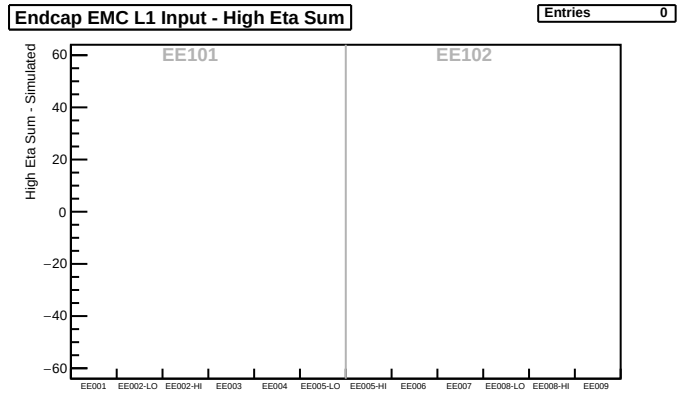

BC1-HT-UPC
Entries 7903440
BC101
BC102
BC103
BC104
BC105
BC106
channel

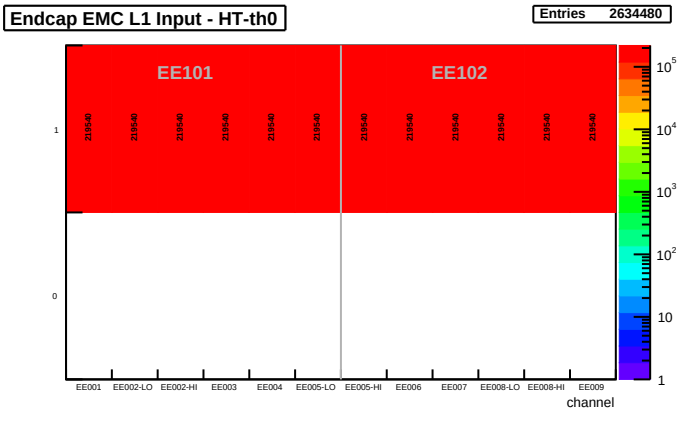

BC1-HT-UPC-Diff
Entries 7452736
BC101
BC102
BC103
BC104
BC105
BC106
channel

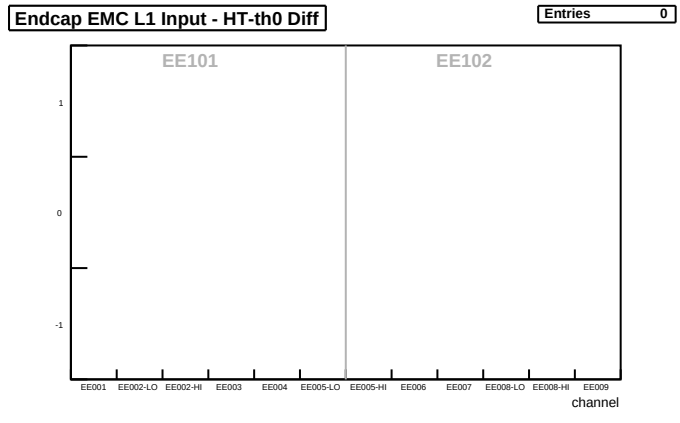

Endcap EMC L1 Input - Low Eta Sum
Entries 2634480
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

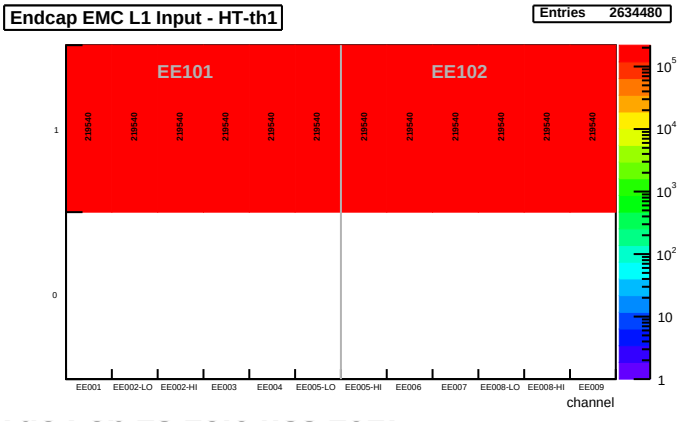

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

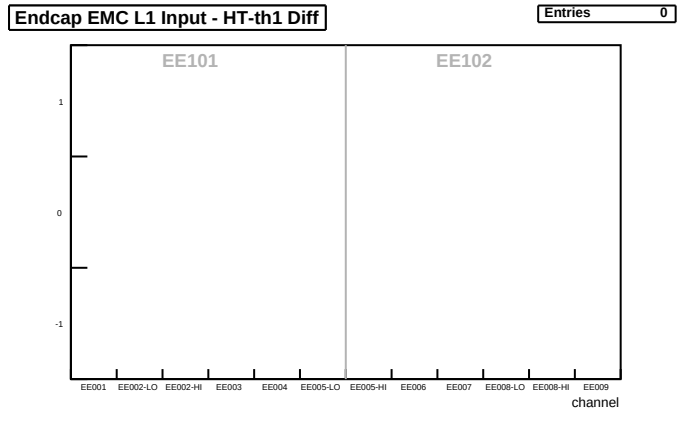

Endcap EMC L1 Input - High Eta Sum
Entries 2634480
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

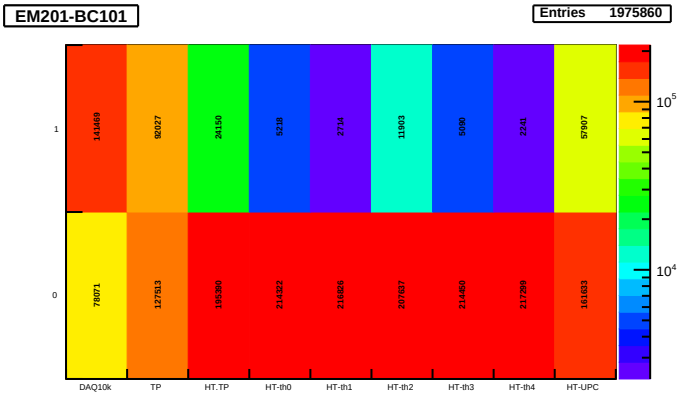

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

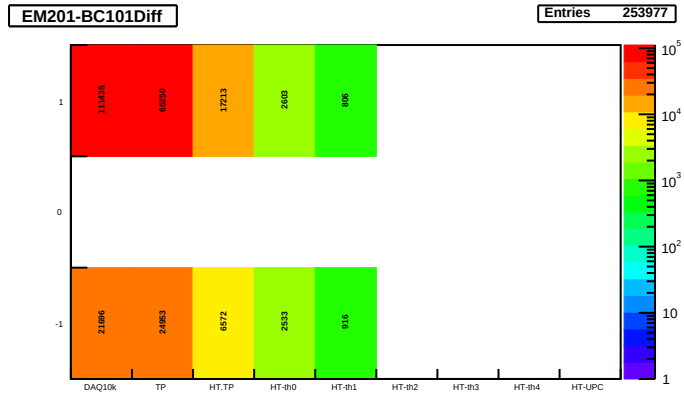

Endcap EMC L1 Input - HT-th0
Entries 2634480
EE101
EE102
21540
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

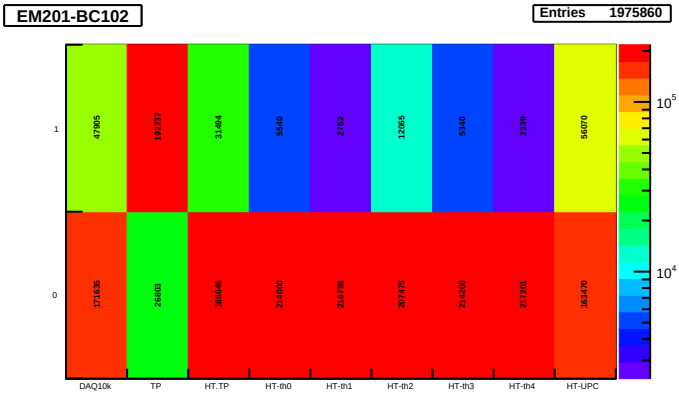

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

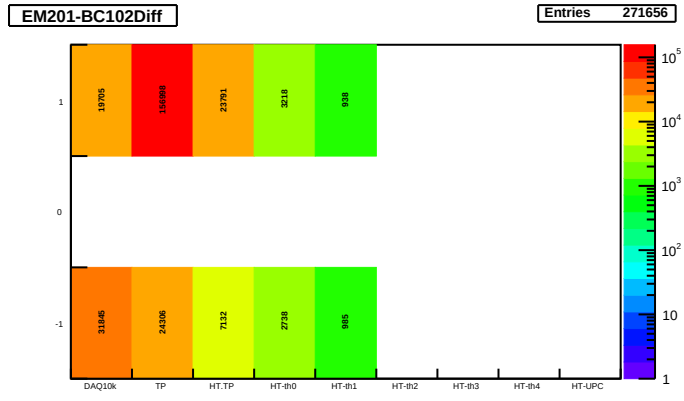

Endcap EMC L1 Input - HT-th1
Entries 2634480
EE101
EE102
21540
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

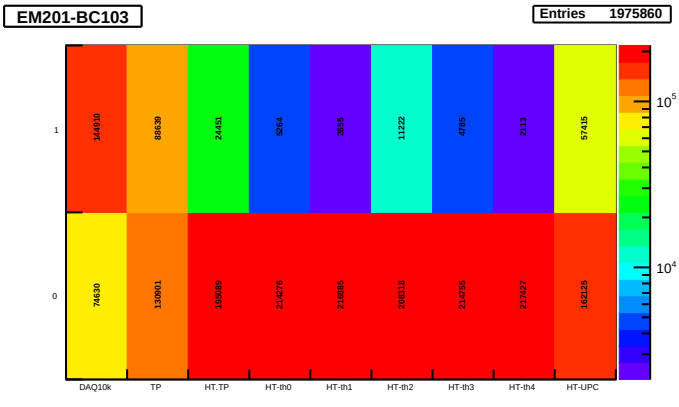

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

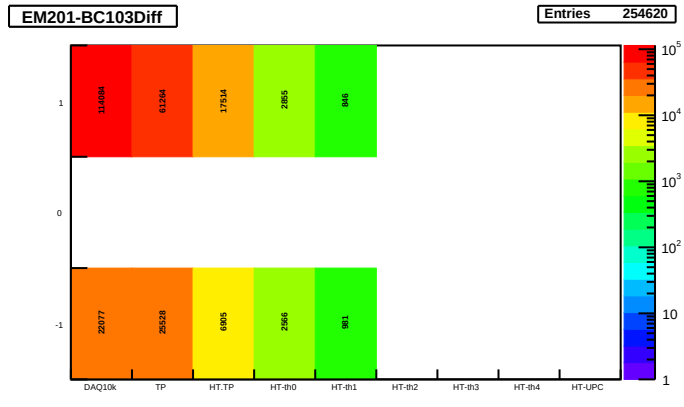

EM201-BC101
Entries 1975860
1
0
141469
92027
24150
5218
2714
11903
5090
2241
57907
78071
127513
195390
214322
216826
207637
214450
211299
161633
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4

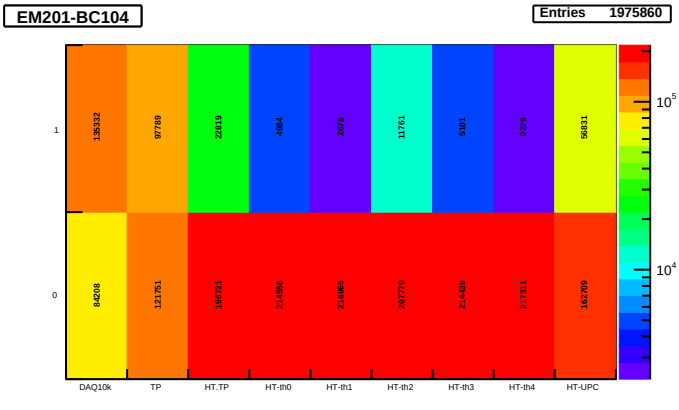

EM201-BC101Diff
Entries 253977
1
0
-1
111435
65250
17213
2603
806
21696
24563
6572
2533
916
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

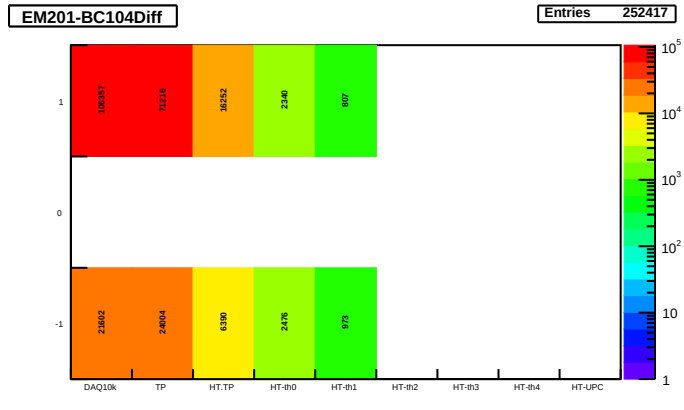

EM201-BC102
Entries 1975860
1
0
47905
192727
31484
5540
2752
12065
5340
2339
56070
171635
26803
190046
214000
216788
207475
214200
211201
163470
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC102Diff
Entries 271656
1
0
-1
19705
156998
23791
3218
938
31845
24306
7132
2738
985
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

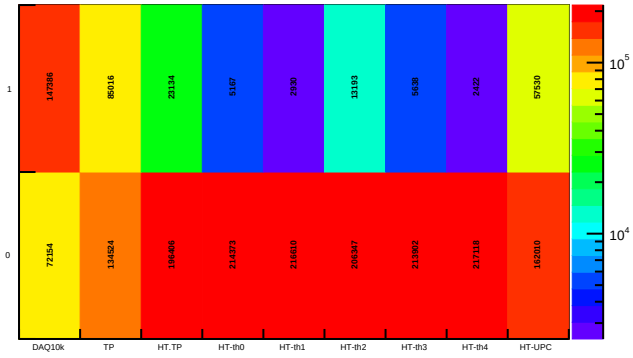

EM201-BC103
Entries 1975860
1
0
144910
88639
24451
5264
2655
11222
4785
2113
57415
74630
130001
193089
214276
216885
208118
214755
211427
162125
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC103Diff
Entries 254620
1
0
-1
114084
61364
17514
2855
846
22077
25528
6905
2566
981
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

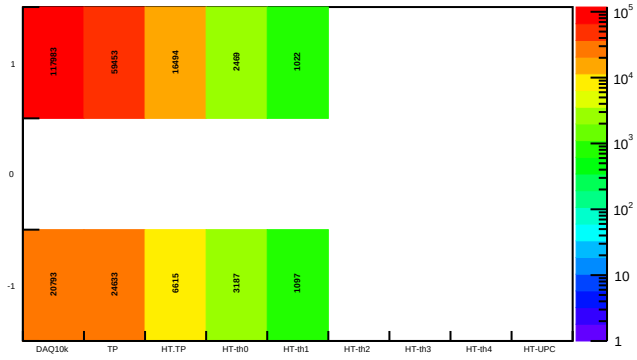

EM201-BC104
Entries 1975860
1
0
135332
97789
22819
4884
2675
11761
5101
2229
56831
84208
121751
196721
214866
216865
207779
214439
211311
162709
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC104Diff
Entries 252417
1
0
-1
106357
71216
16252
2340
807
21652
24004
6390
2476
973
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

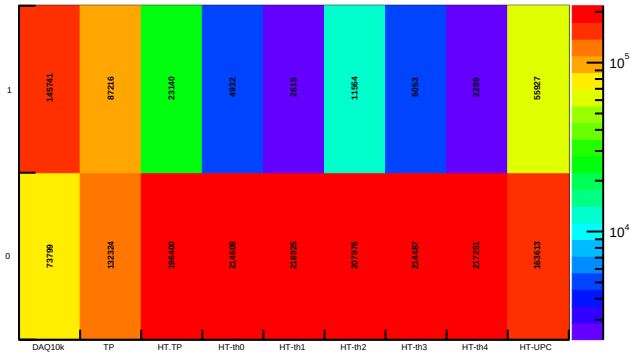
EM201-BC105 Entries 1975860



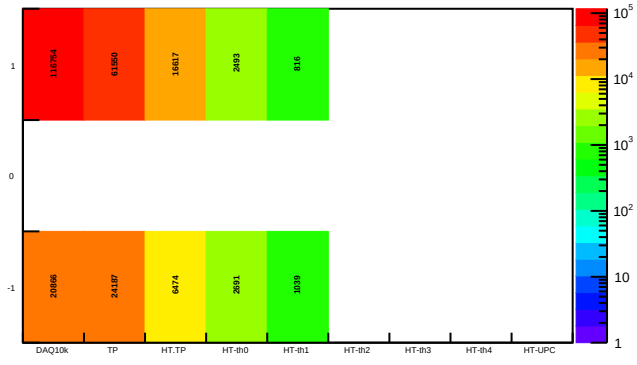
EM201-BC105Diff Entries 253746



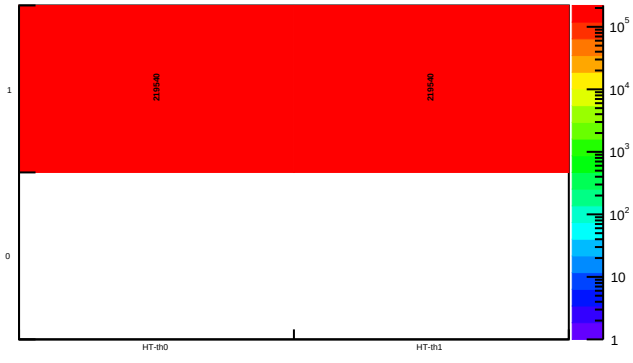
EM201-BC106 Entries 1975860



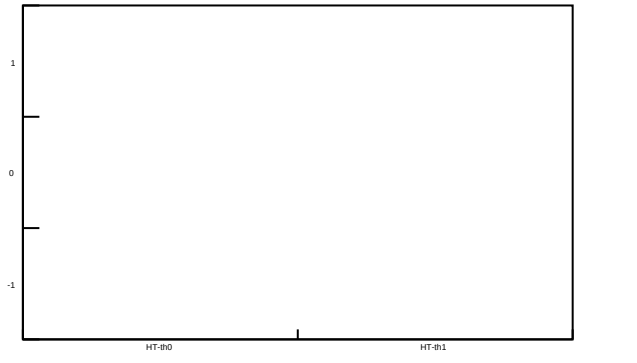
EM201-BC106Diff Entries 253487



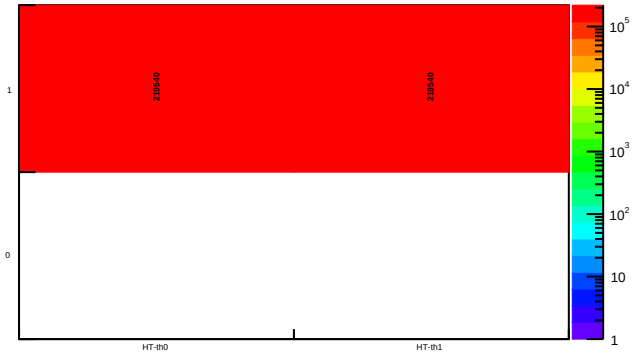
EM201-EE101 Entries 439080



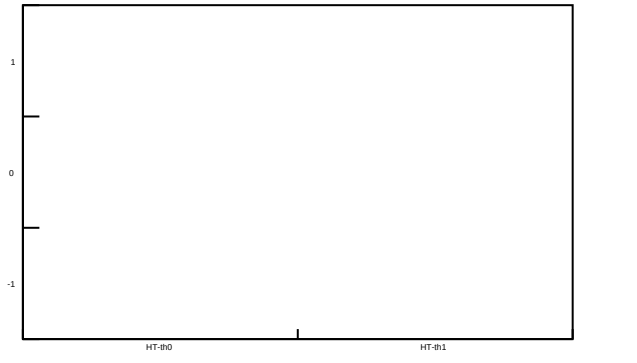
EM201-EE101Diff Entries 0

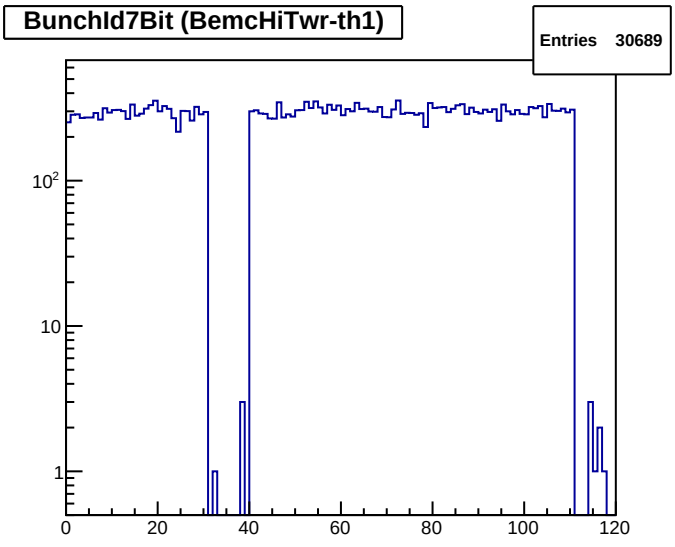


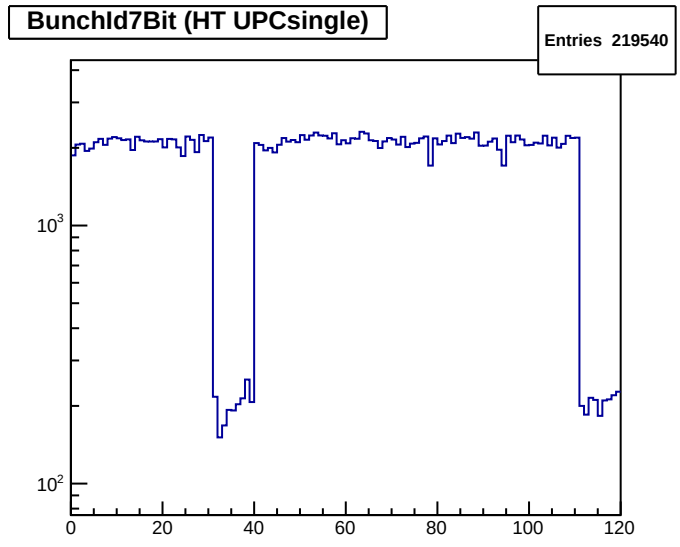
EM201-EE102 Entries 439080

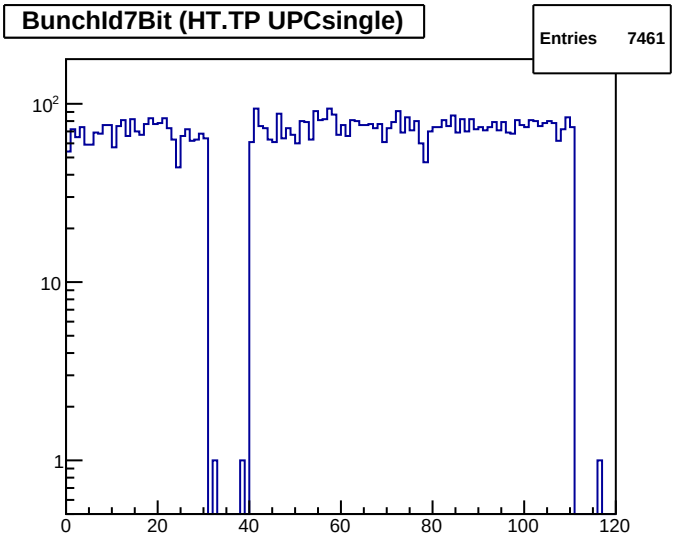


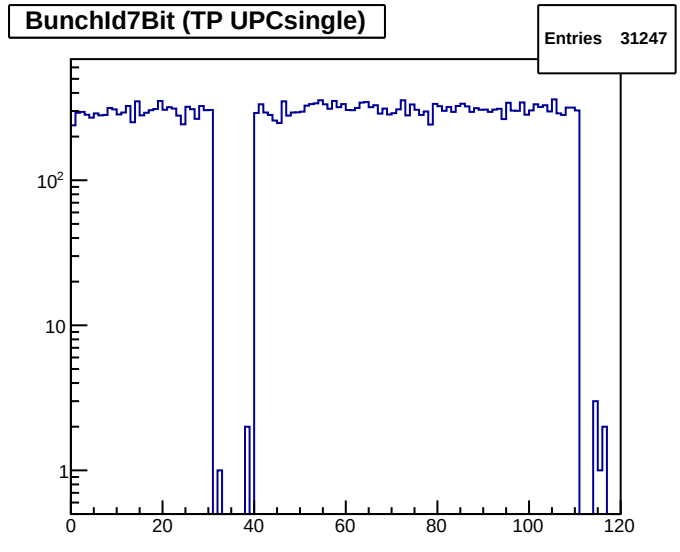
EM201-EE102Diff Entries 0

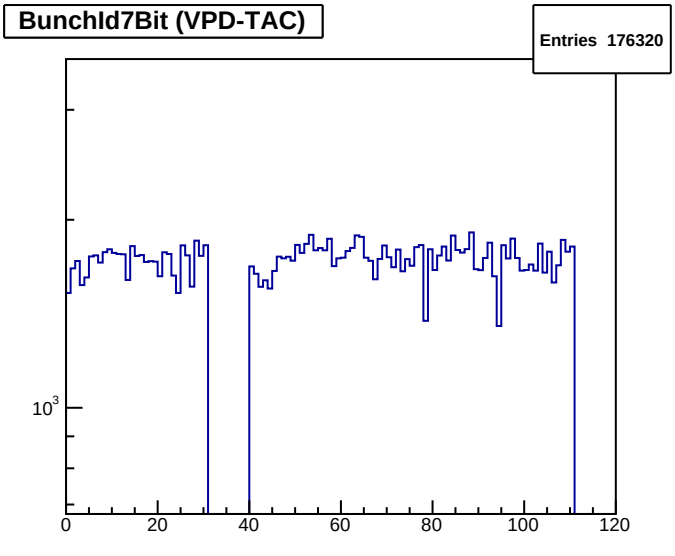


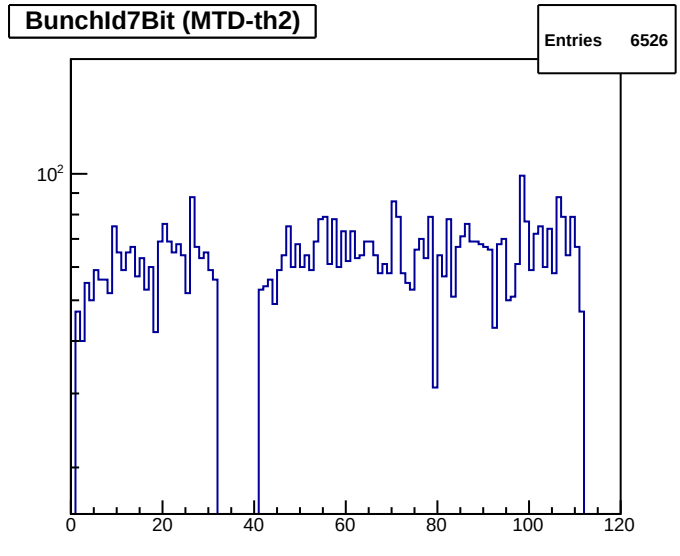

BunchId7Bit (BemcHiTwr-th1)
Entries 30689
10^2
10
1
0
20
40
60
80
100
120

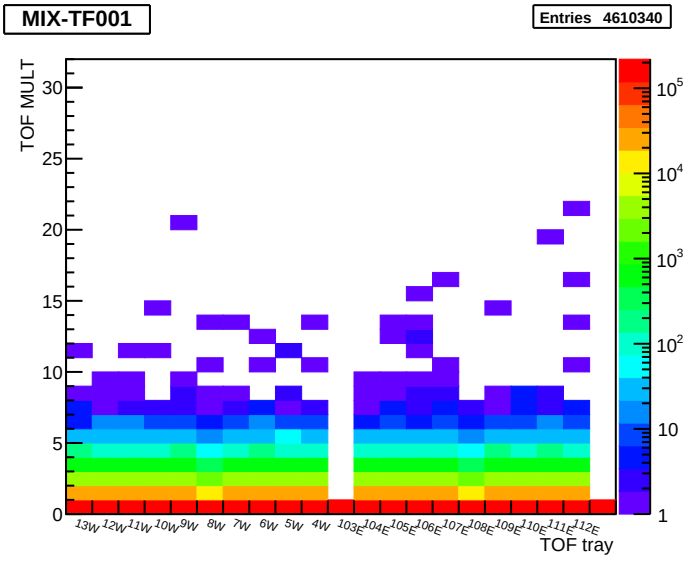

BunchId7Bit (HT UPCsingle)
Entries 219540
10^3
10^2
0
20
40
60
80
100
120

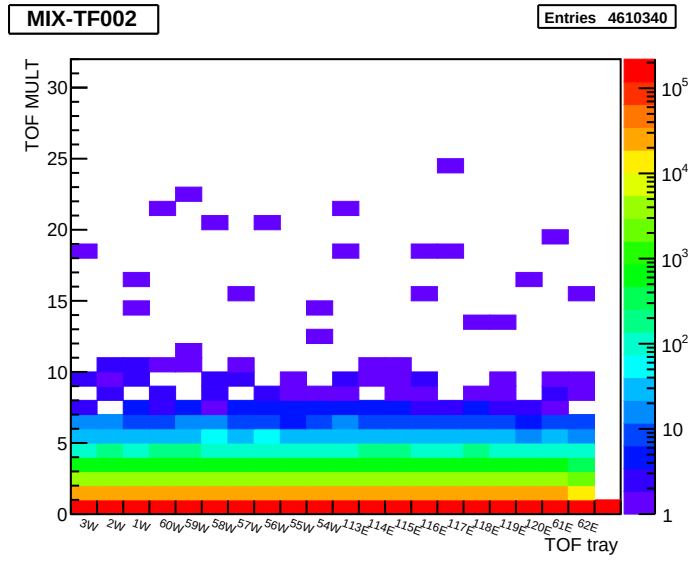

BunchId7Bit (HT.TP UPCsingle)
Entries 7461
10^2
10
1
0
20
40
60
80
100
120

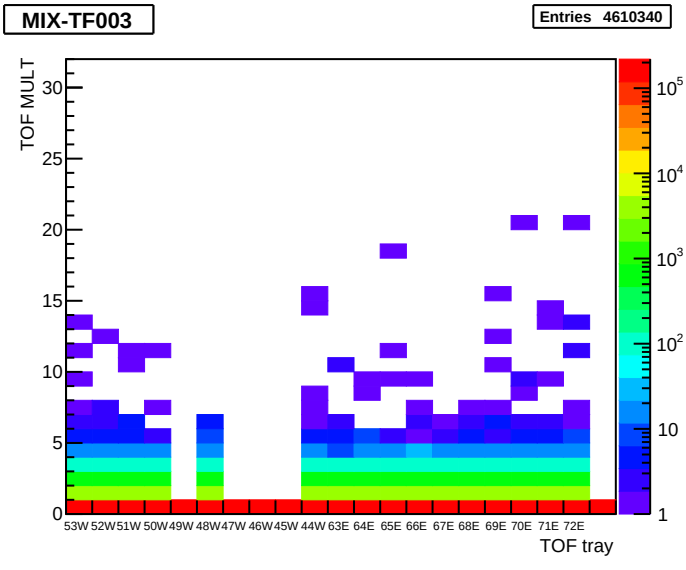

BunchId7Bit (TP UPCsingle)
Entries 31247
10^2
10
1
0
20
40
60
80
100
120

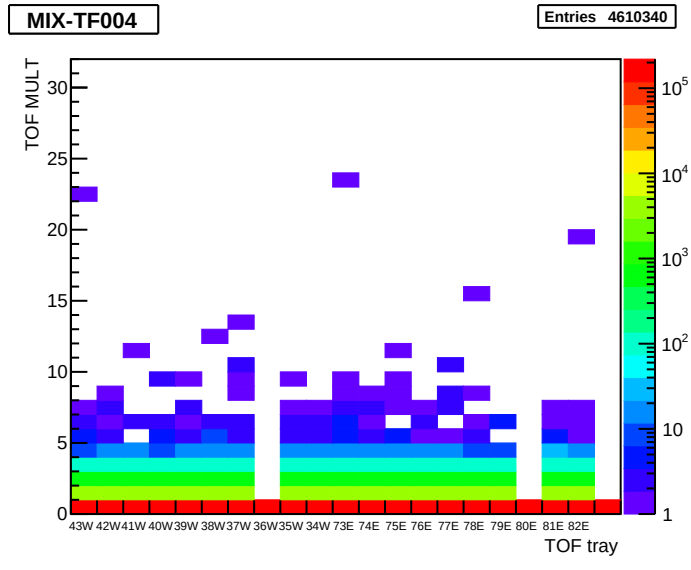

BunchId7Bit (VPD-TAC)
Entries 176320
10^3
0
20
40
60
80
100
120

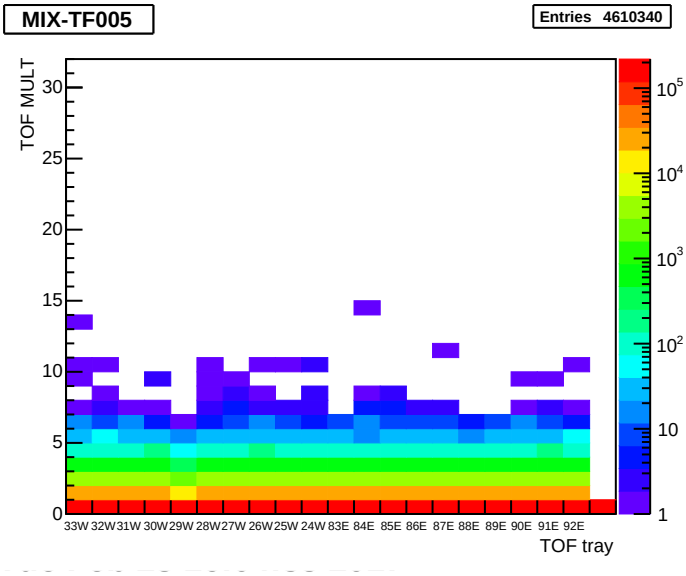

BunchId7Bit (MTD-th2)
Entries 6526
10^2
0
20
40
60
80
100
120

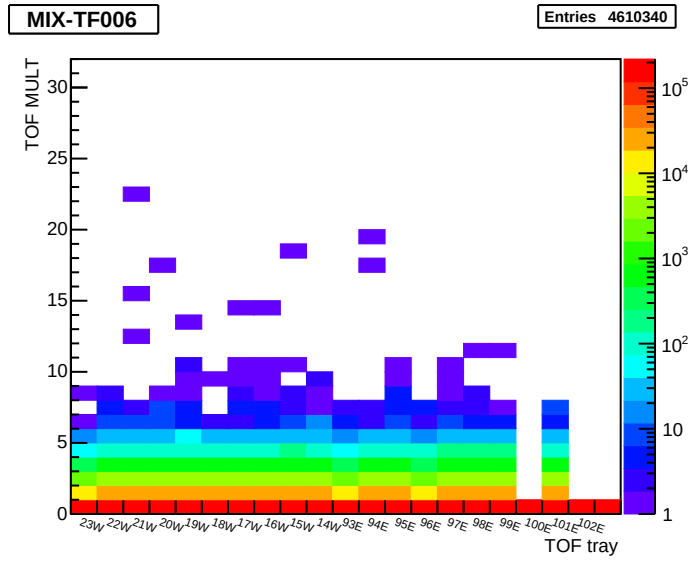

MIX-TF001
Entries 4610340
TOF MULT
TOF tray

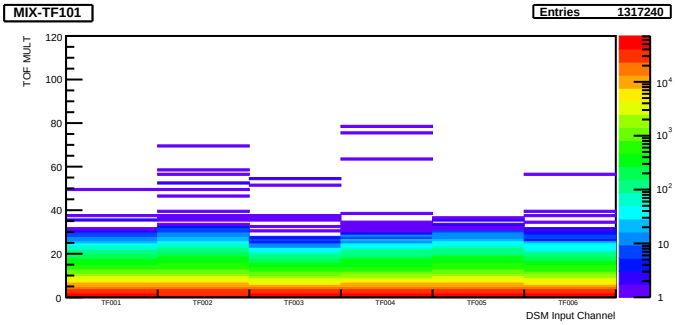

MIX-TF002
Entries 4610340
TOF MULT
TOF tray

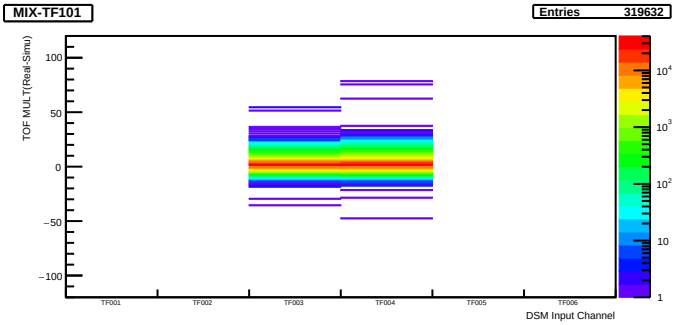

MIX-TF003
Entries 4610340
TOF MULT
TOF tray

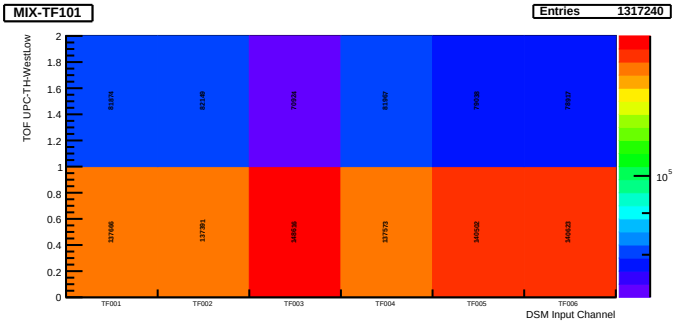

MIX-TF004
Entries 4610340
TOF MULT
TOF tray

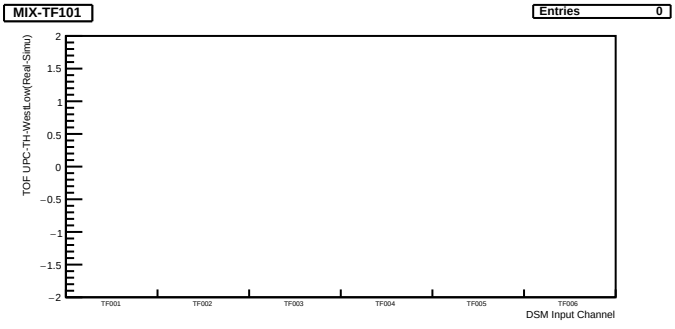

MIX-TF005
Entries 4610340
TOF MULT
TOF tray

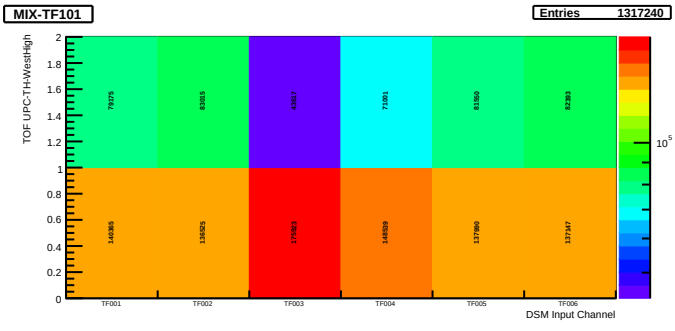

MIX-TF006
Entries 4610340
TOF MULT
TOF tray

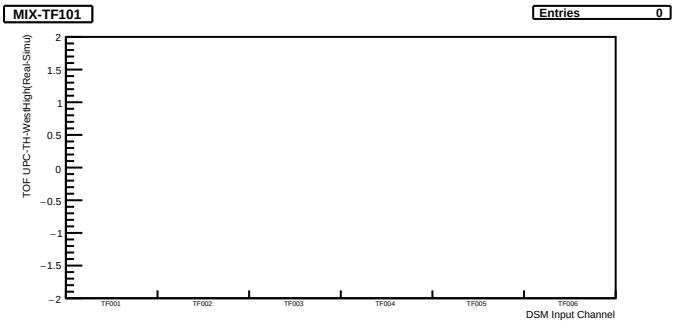

MIX-TF101
Entries 1317240
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

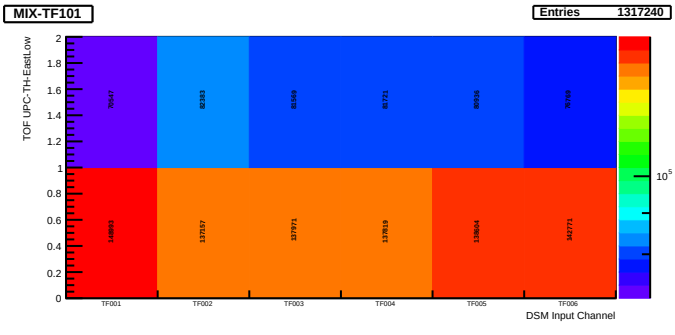

MIX-TF101
Entries 319632
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

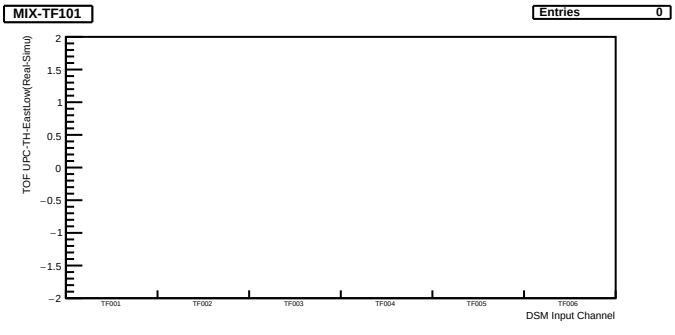

MIX-TF101
Entries 1317240
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

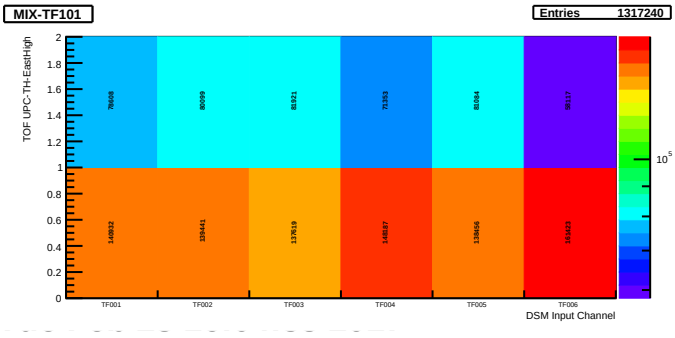

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

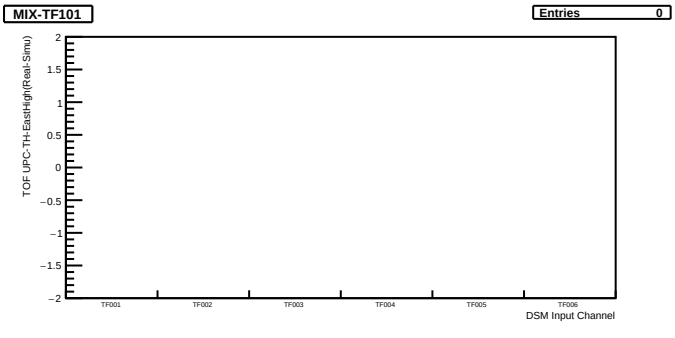

MIX-TF101
Entries 1317240
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

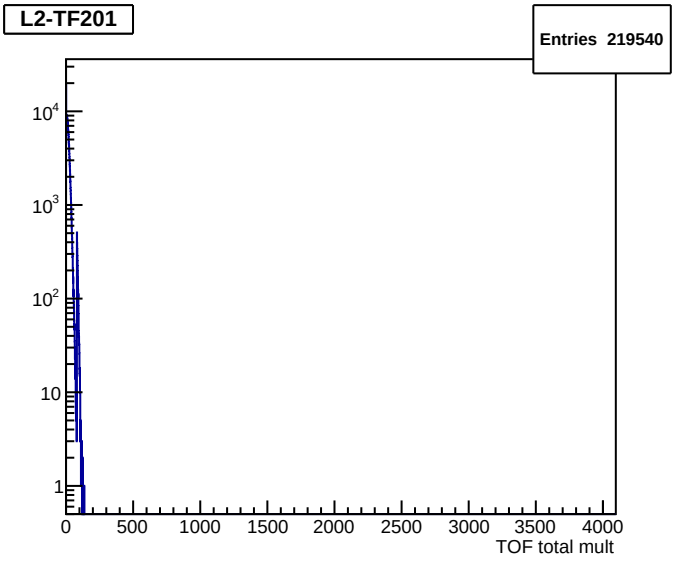

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

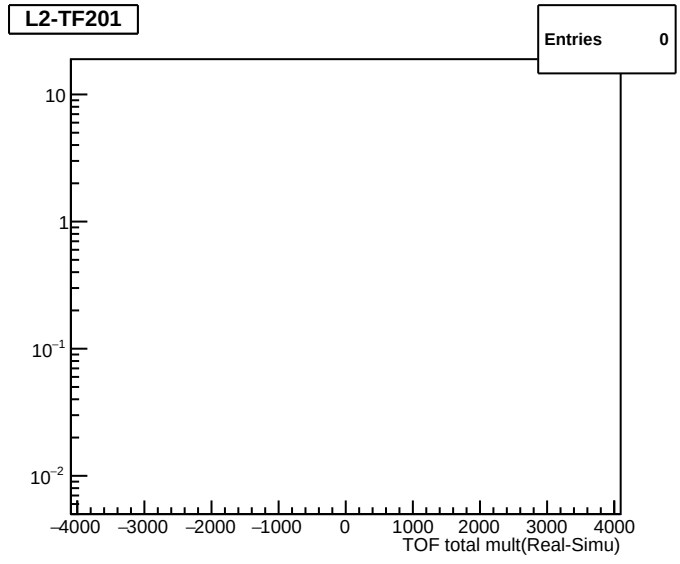

MIX-TF101
Entries 1317240
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

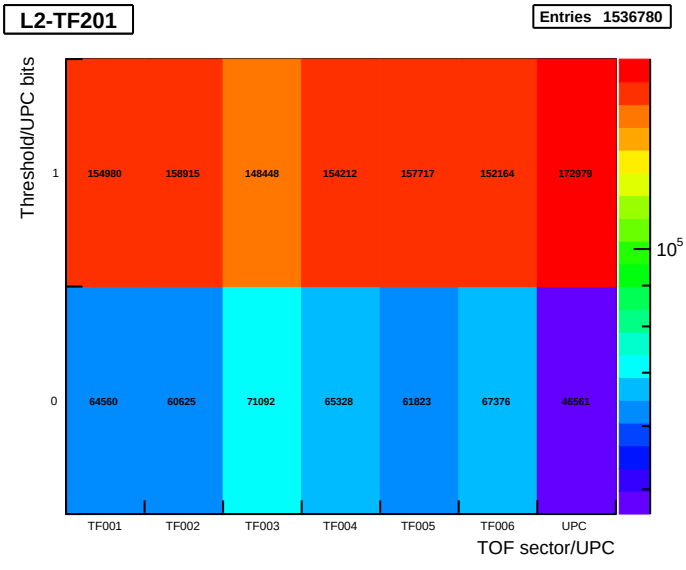

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

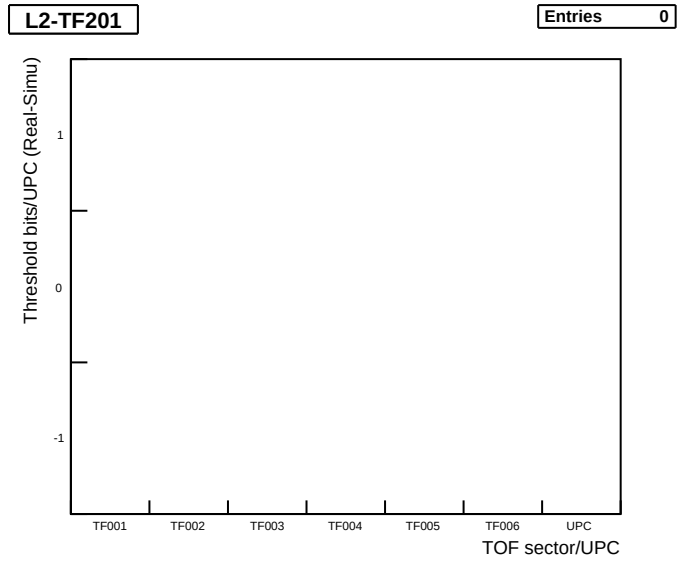

MIX-TF101
Entries 1317240
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

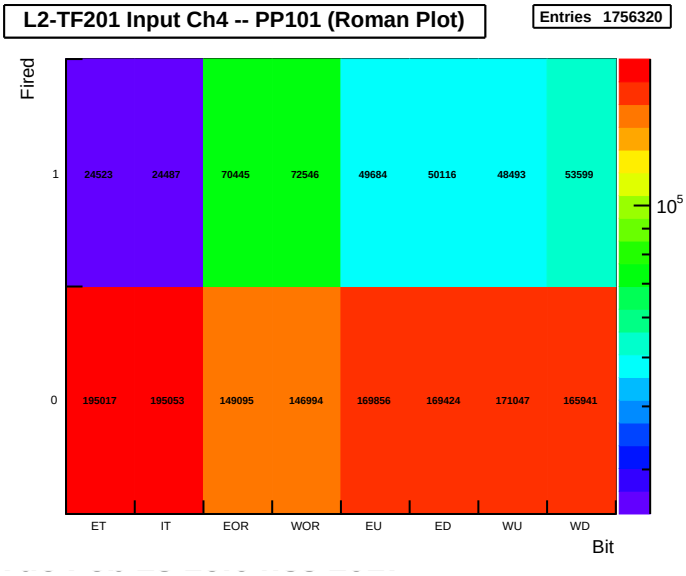

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

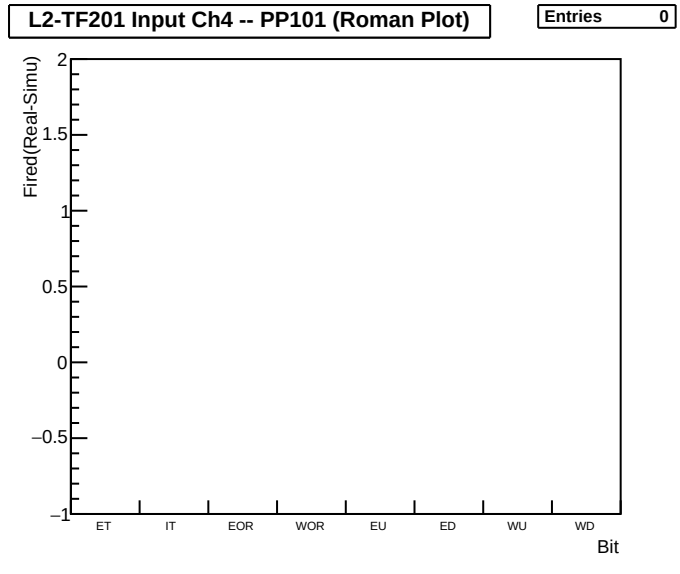

L2-TF201
Entries 219540
TOF total mult

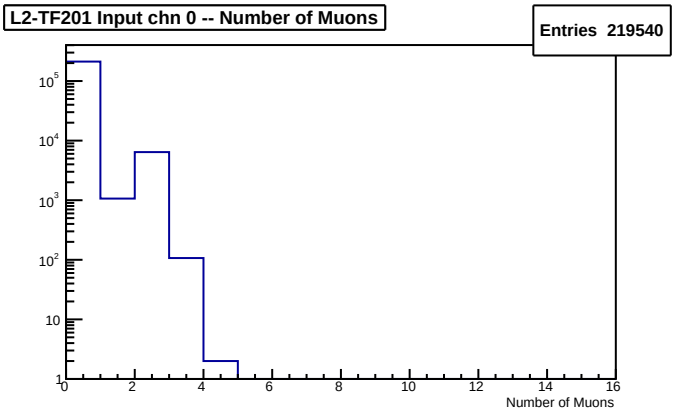

L2-TF201
Entries 0
TOF total mult(Real-Simu)

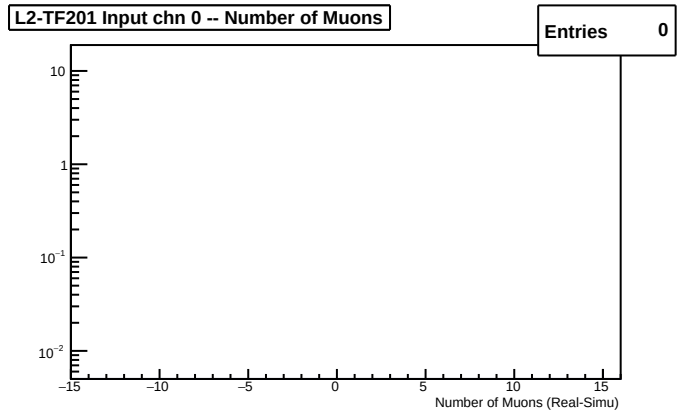

L2-TF201
Entries 1536780
Threshold/UPC bits
154980 158915 148448 154212 157717 152164 172979
64560 60625 71092 65328 61823 67376 46561
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

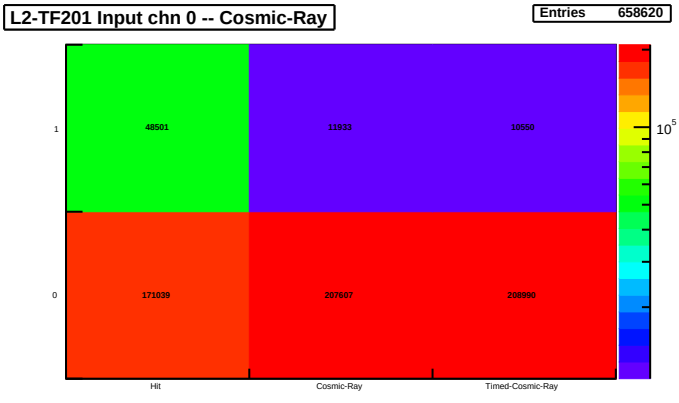

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

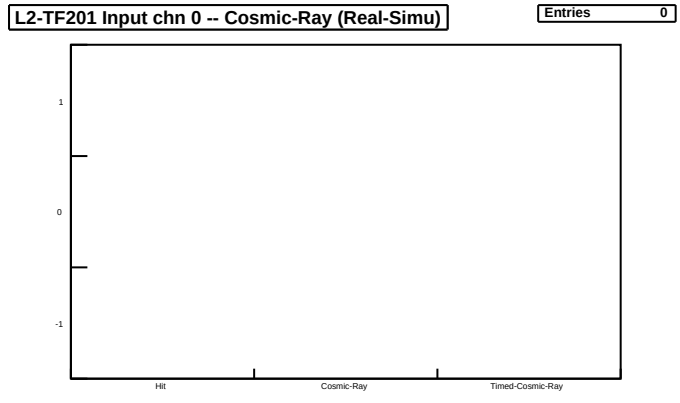

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1756320
Fired
24523 24487 70445 72546 49684 50116 48493 53599
195017 195053 149095 146994 169856 169424 171047 165941
ET IT EOR WOR EU ED WU WD
Bit

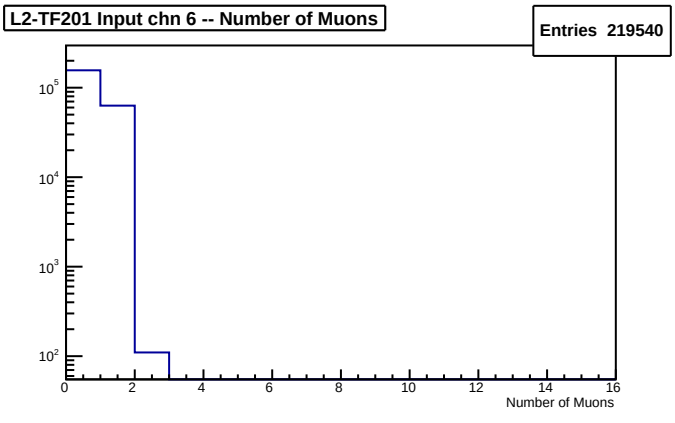

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

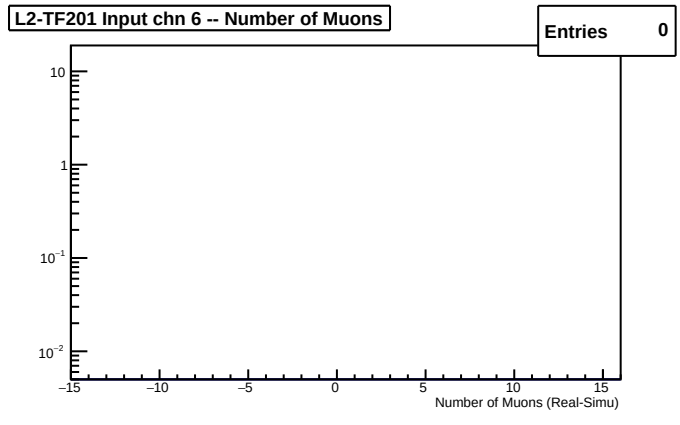

L2-TF201 Input chn 0 -- Number of Muons
Entries 219540
Number of Muons

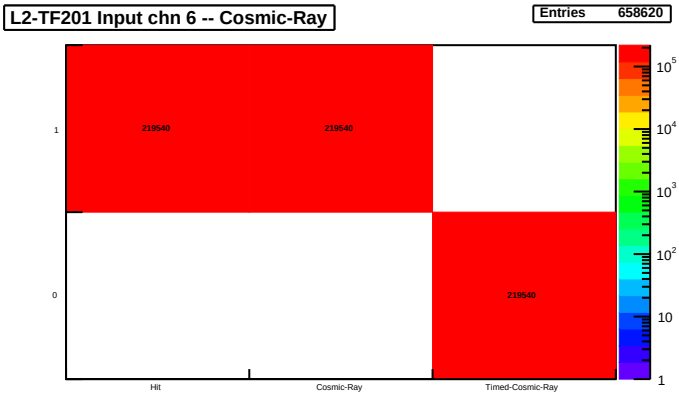

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

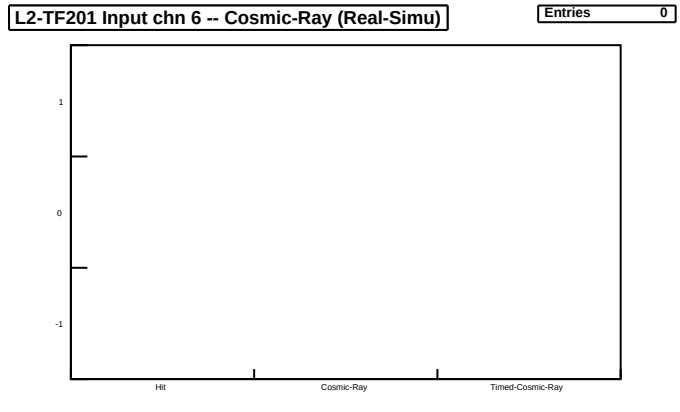

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 658620
48501
11933
10550
171039
207607
208990
Hit
Cosmic-Ray
Timed-Cosmic-Ray

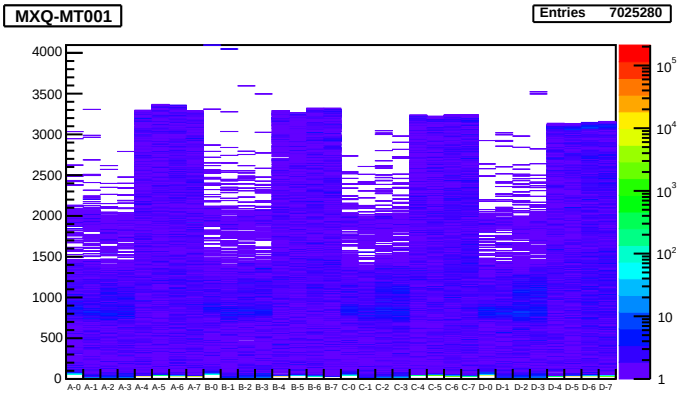

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

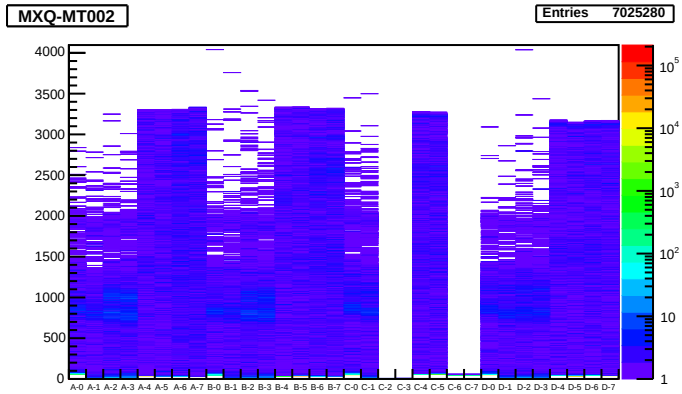

L2-TF201 Input chn 6 -- Number of Muons
Entries 219540
Number of Muons

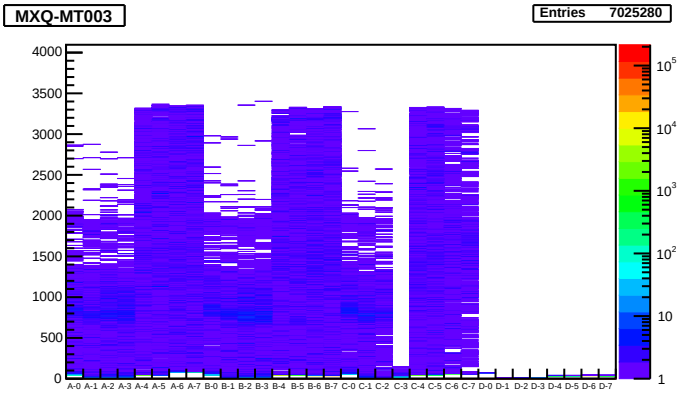

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

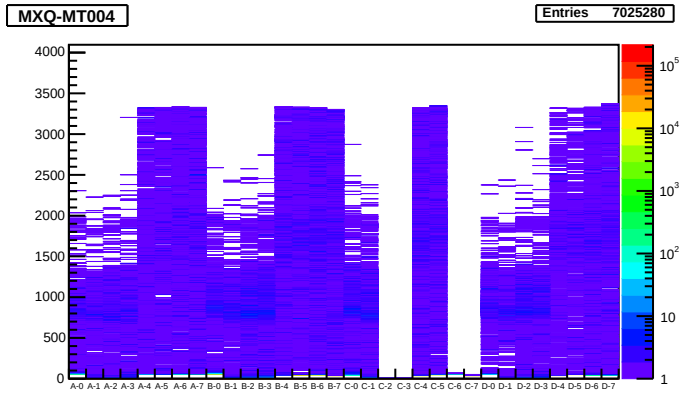

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 658620
219540
219540
219540
Hit
Cosmic-Ray
Timed-Cosmic-Ray

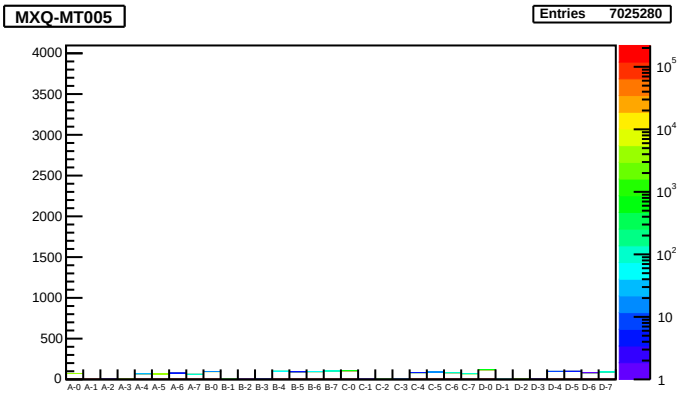

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

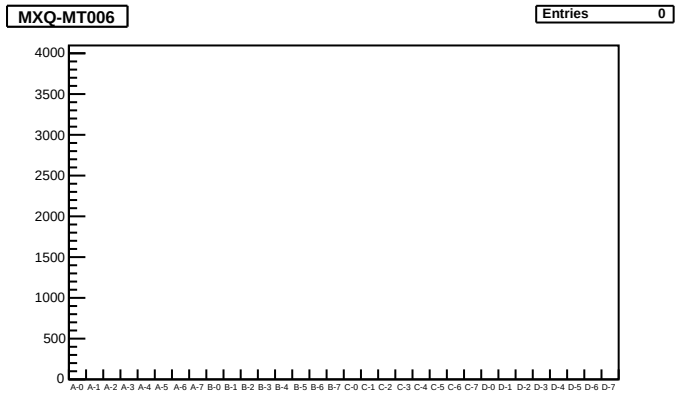

MXQ-MT001
Entries 7025280

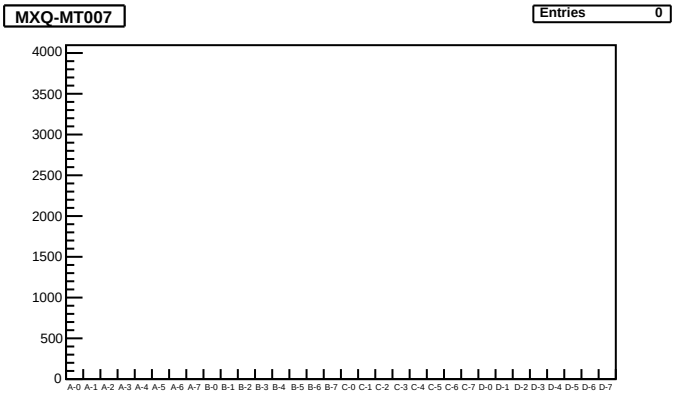

MXQ-MT002
Entries 7025280

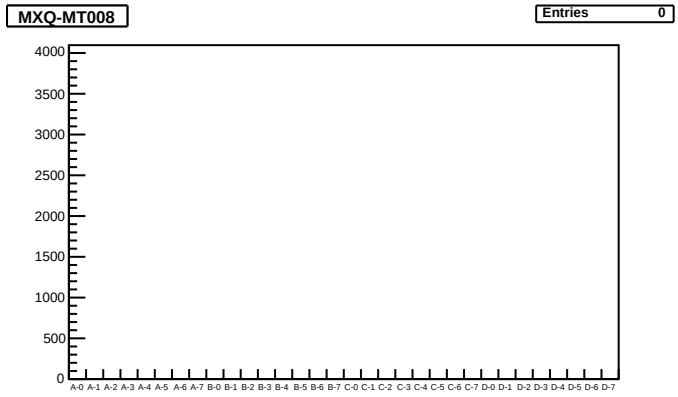

MXQ-MT003
Entries 7025280

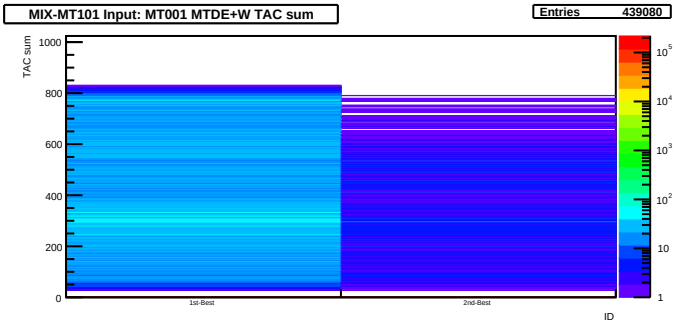

MXQ-MT004
Entries 7025280

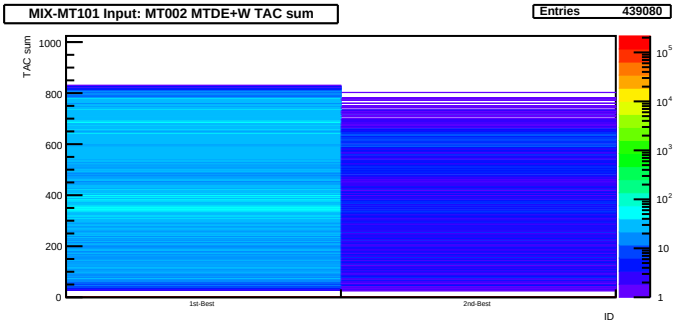

MXQ-MT005
Entries 7025280

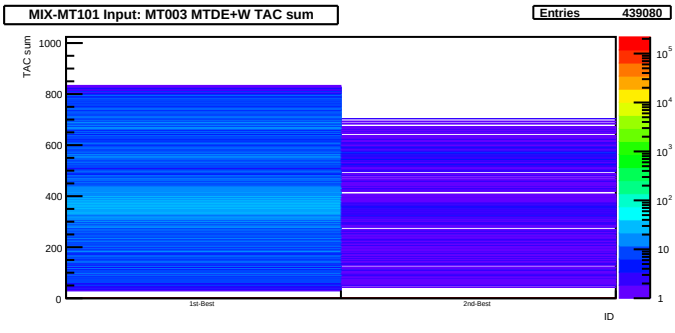

MXQ-MT006
Entries 0

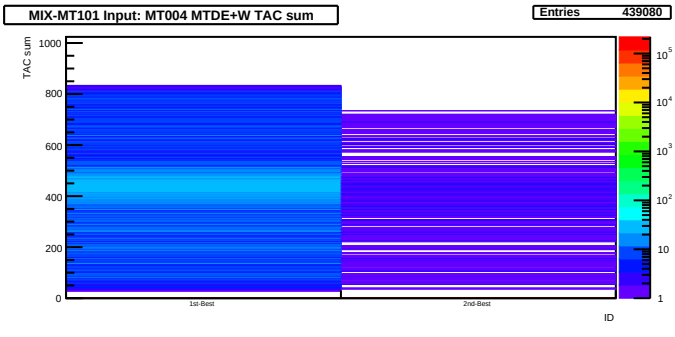

MXQ-MT007
Entries 0

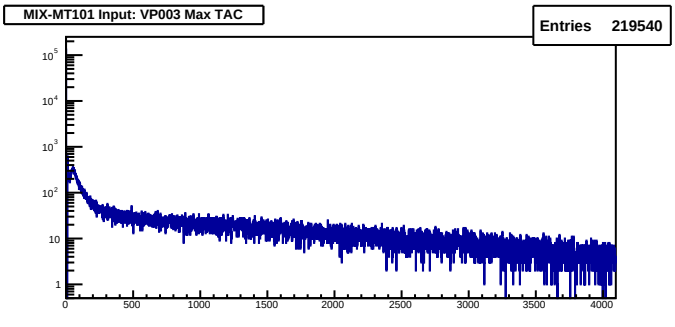

MXQ-MT008
Entries 0

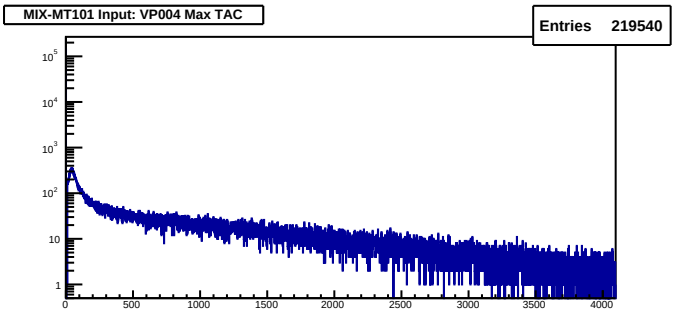

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 439080
TAC sum
1st-Best
2nd-Best
ID

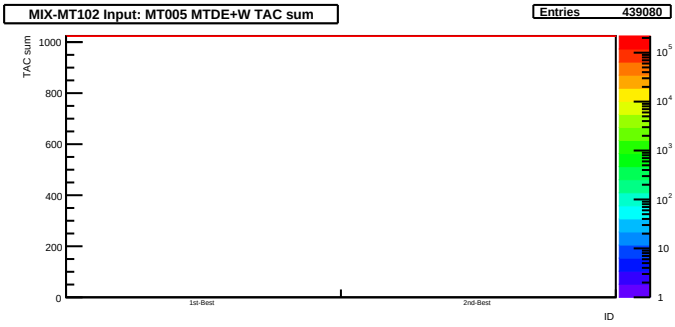

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 439080
TAC sum
1st-Best
2nd-Best
ID

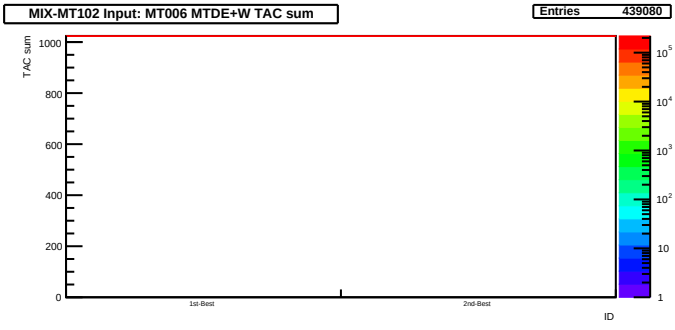

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 439080
TAC sum
1st-Best
2nd-Best
ID

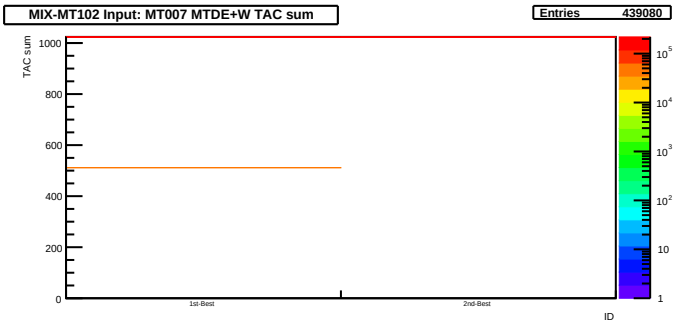

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 439080
TAC sum
1st-Best
2nd-Best
ID

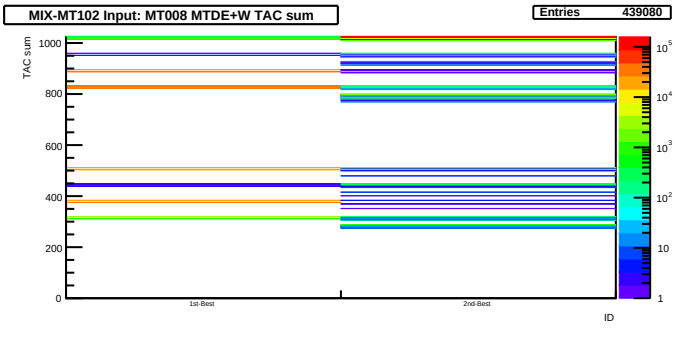

MIX-MT101 Input: VP003 Max TAC
Entries 219540

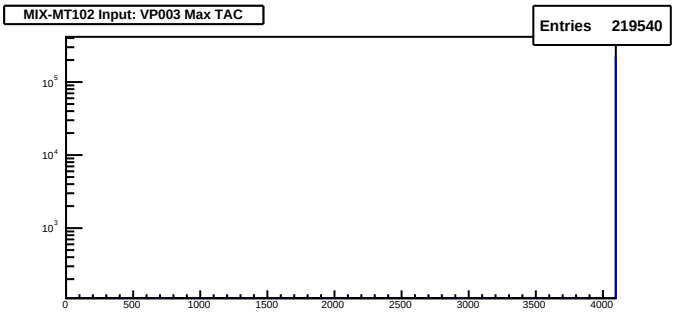

MIX-MT101 Input: VP004 Max TAC
Entries 219540

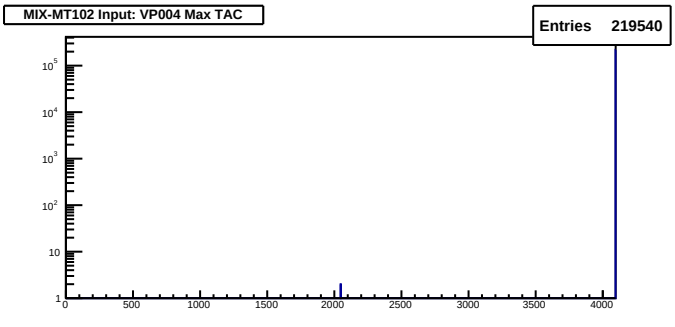

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 439080
TAC sum
1st-Best
2nd-Best
ID

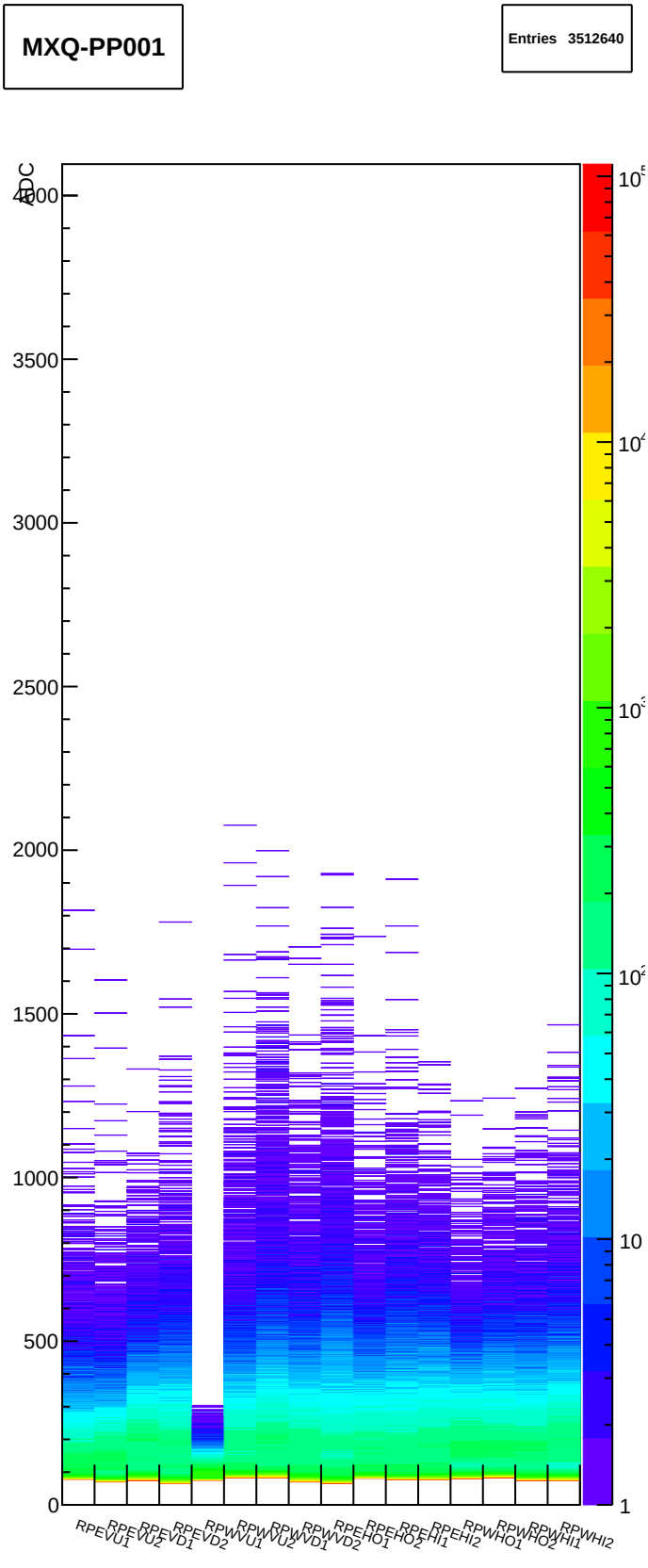

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 439080
TAC sum
1st-Best
2nd-Best
ID

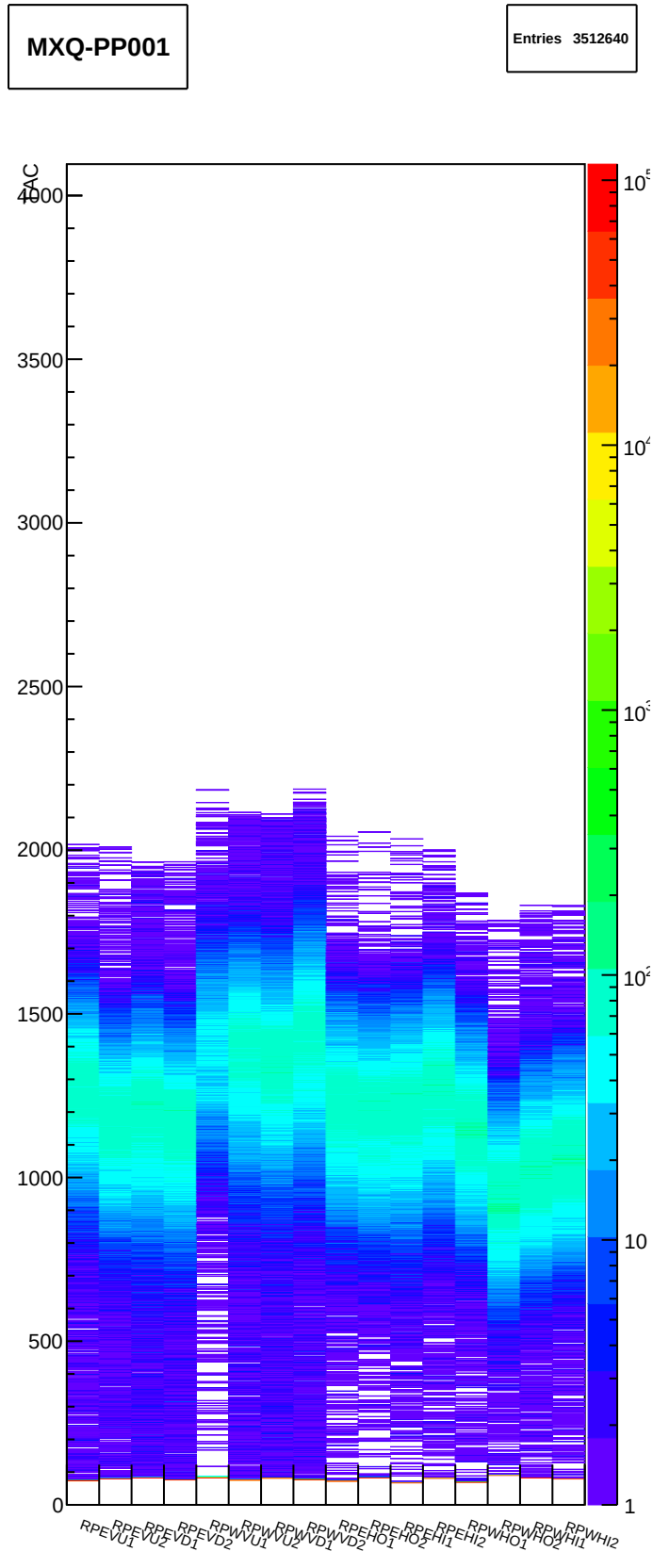

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 439080
TAC sum
1st-Best
2nd-Best
ID

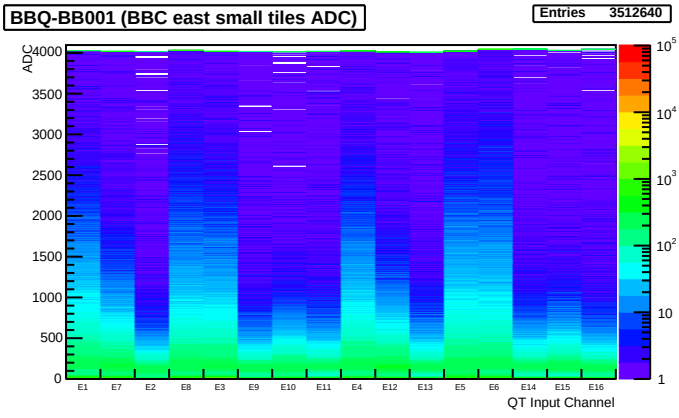

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 439080
TAC sum
1st-Best
2nd-Best
ID

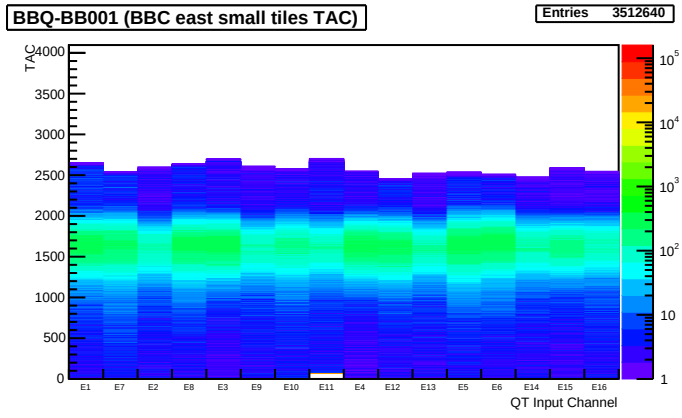

MIX-MT102 Input: VP003 Max TAC
Entries 219540

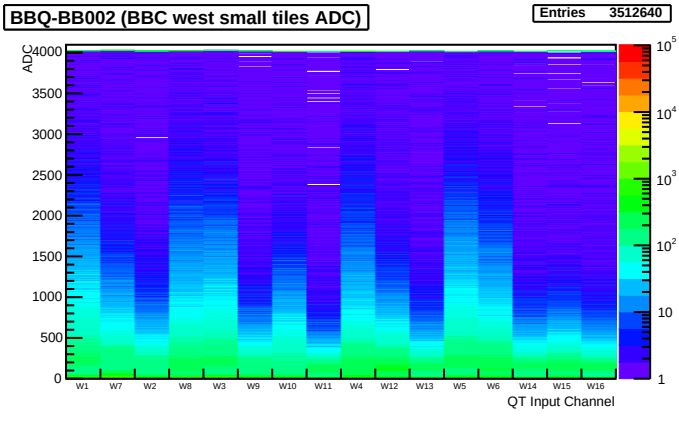

MIX-MT102 Input: VP004 Max TAC
Entries 219540

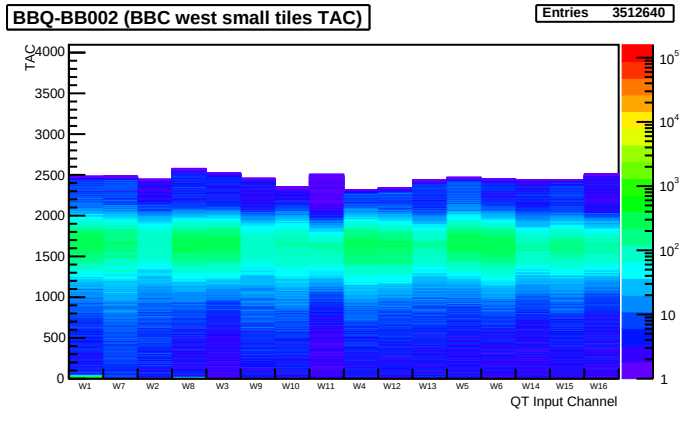

MXQ-PP001
Entries 3512640
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

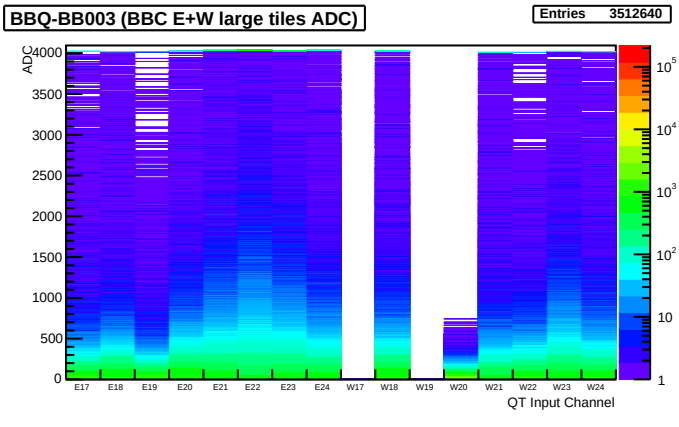

MXQ-PP001
Entries 3512640
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

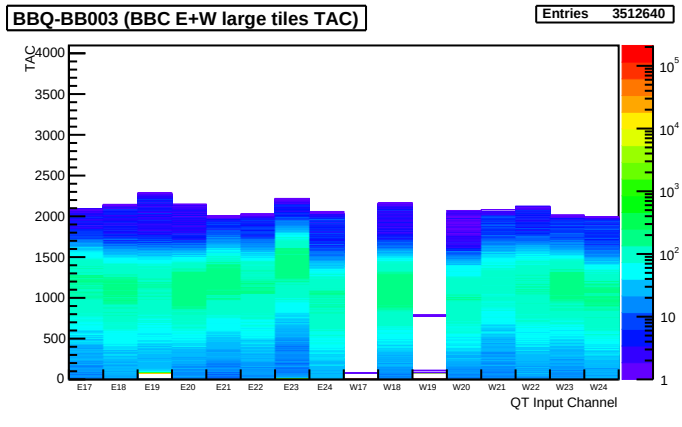

BBQ-BB001 (BBC east small tiles ADC)
Entries 3512640
ADC
QT Input Channel

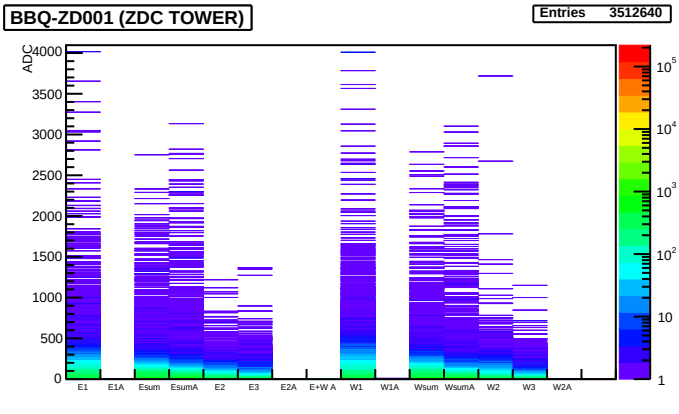

BBQ-BB001 (BBC east small tiles TAC)
Entries 3512640
TAC
QT Input Channel

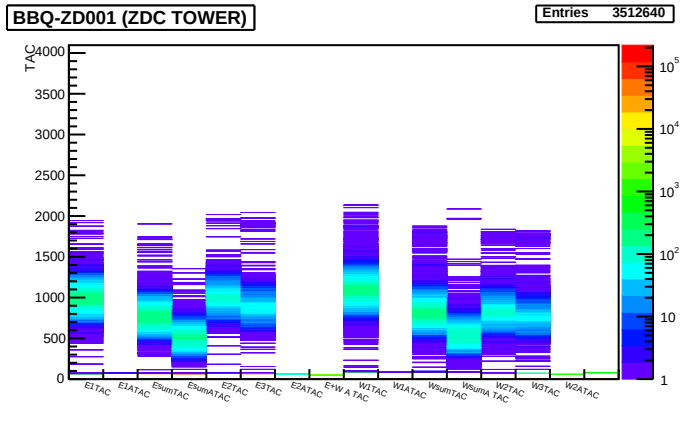

BBQ-BB002 (BBC west small tiles ADC)
Entries 3512640
ADC
QT Input Channel

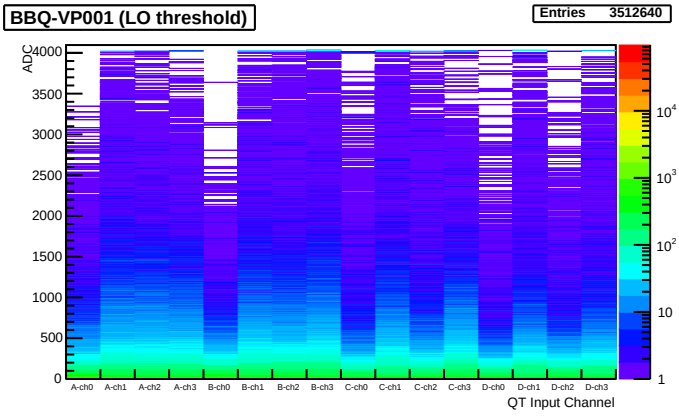

BBQ-BB002 (BBC west small tiles TAC)
Entries 3512640
TAC
QT Input Channel

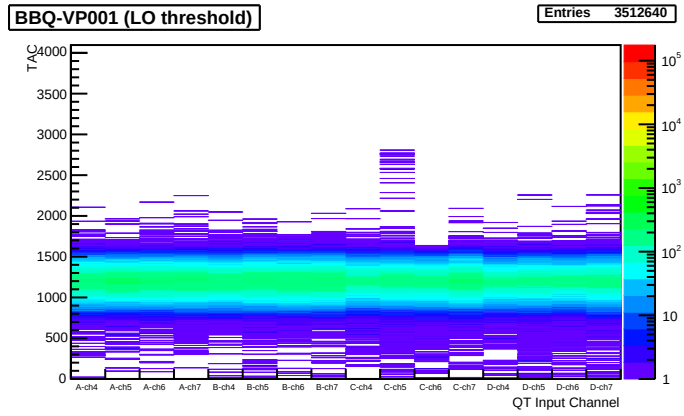

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3512640
ADC
QT Input Channel

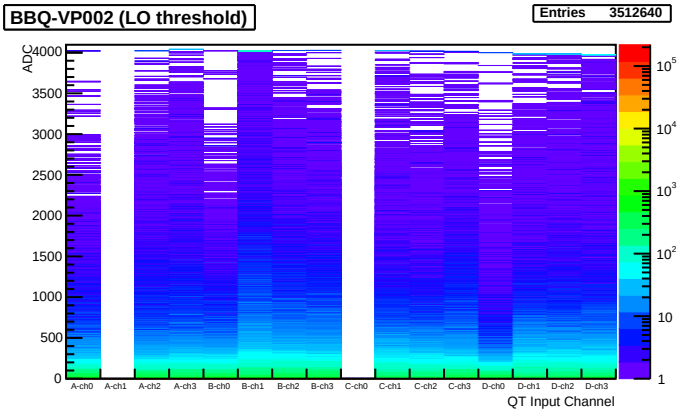

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3512640
TAC
QT Input Channel

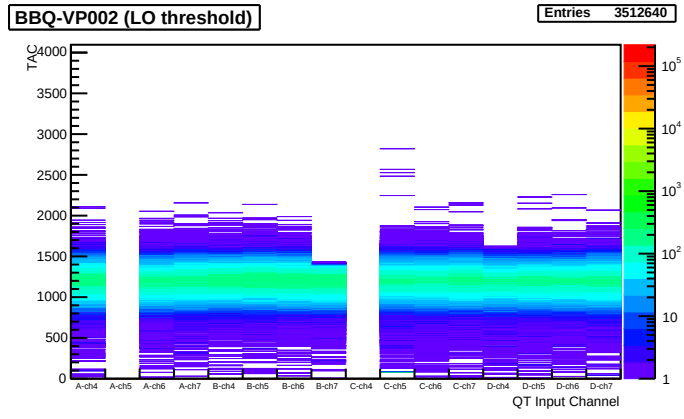

BBQ-ZD001 (ZDC TOWER)
Entries 3512640
ADC

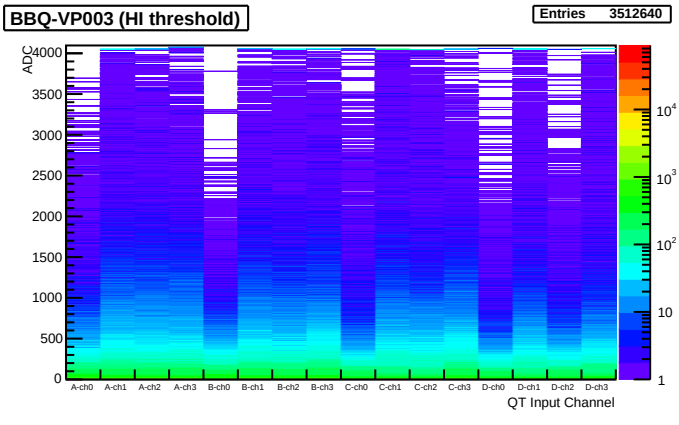

BBQ-ZD001 (ZDC TOWER)
Entries 3512640
TAC

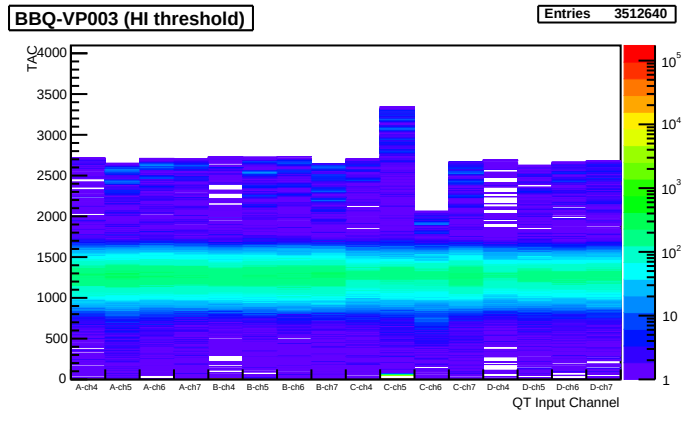

BBQ-VP001 (LO threshold)
Entries 3512640
ADC
QT Input Channel

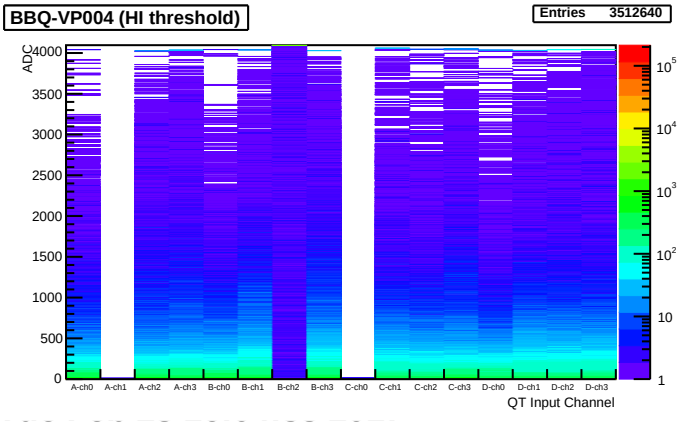

BBQ-VP001 (LO threshold)
Entries 3512640
TAC
QT Input Channel

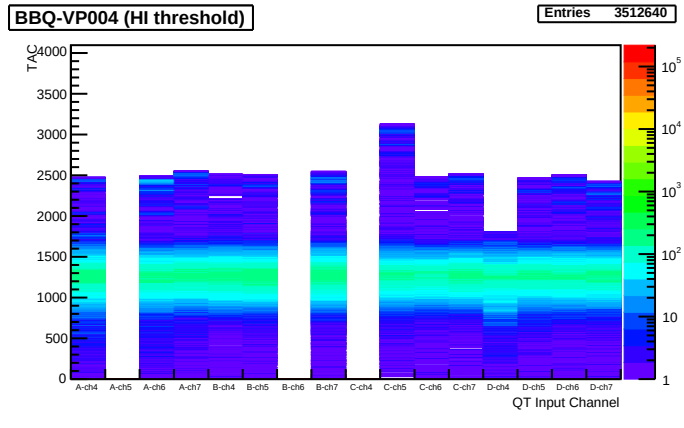

BBQ-VP002 (LO threshold)
Entries 3512640
ADC
QT Input Channel

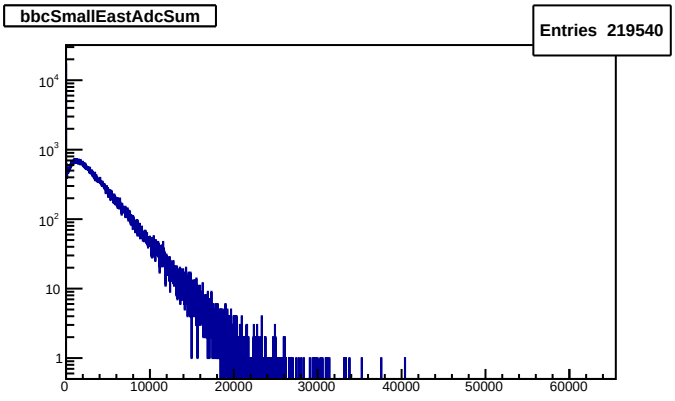

BBQ-VP002 (LO threshold)
Entries 3512640
TAC
QT Input Channel

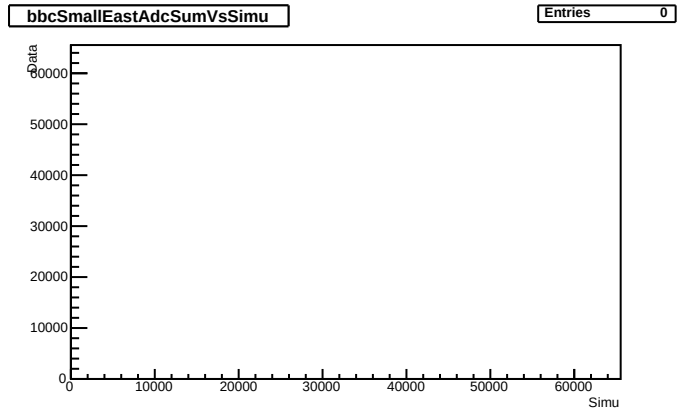

BBQ-VP003 (HI threshold)
Entries 3512640
ADC
QT Input Channel

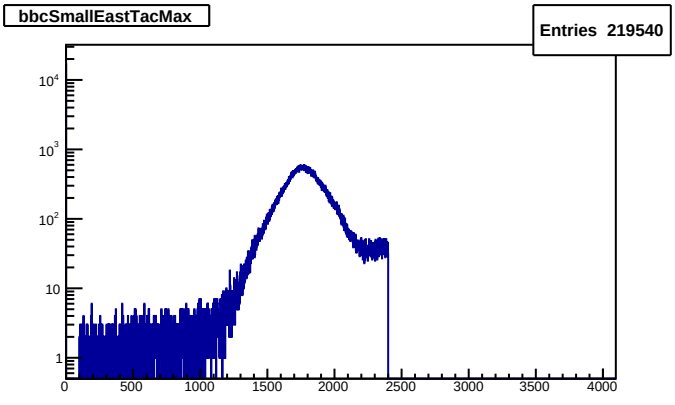

BBQ-VP003 (HI threshold)
Entries 3512640
TAC
QT Input Channel

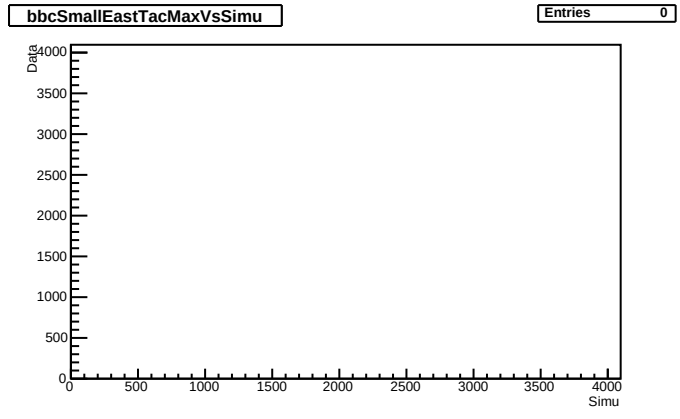

BBQ-VP004 (HI threshold)
Entries 3512640
ADC
QT Input Channel

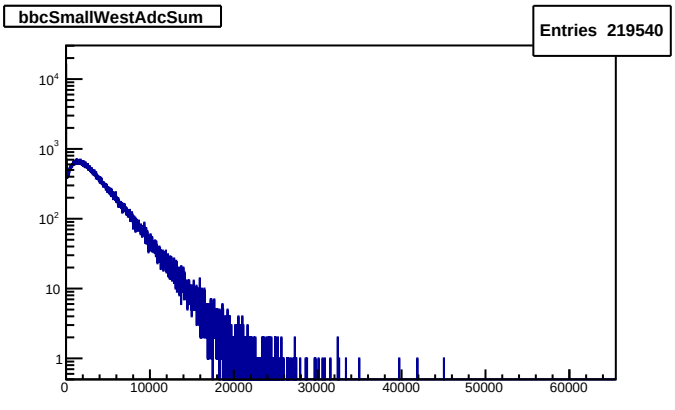

BBQ-VP004 (HI threshold)
Entries 3512640
TAC
QT Input Channel

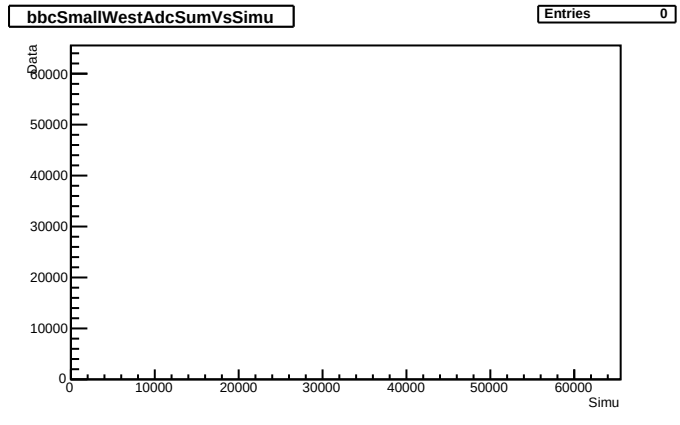

bbcSmallEastAdcSum
Entries 219540

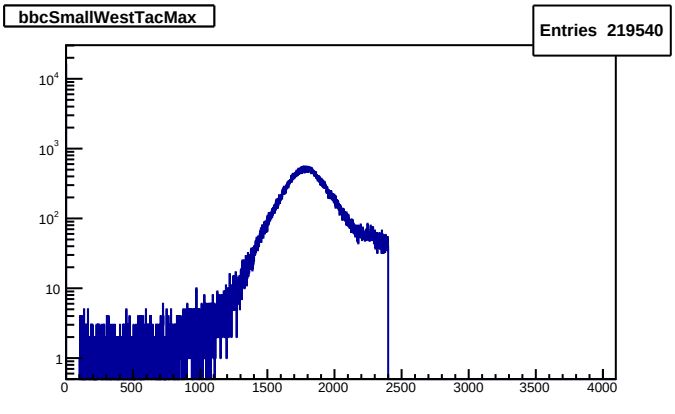

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

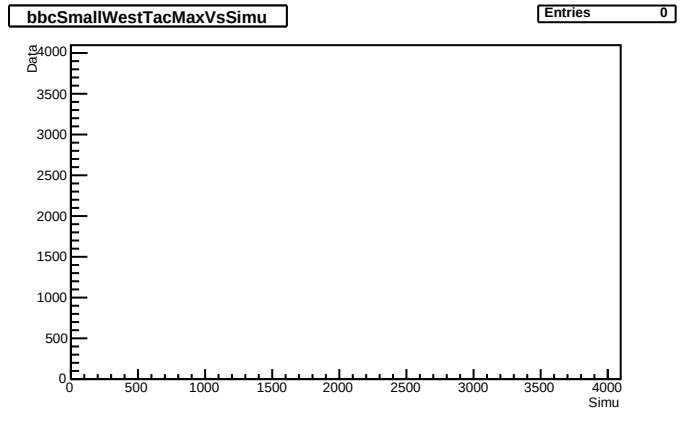

bbcSmallEastTacMax
Entries 219540

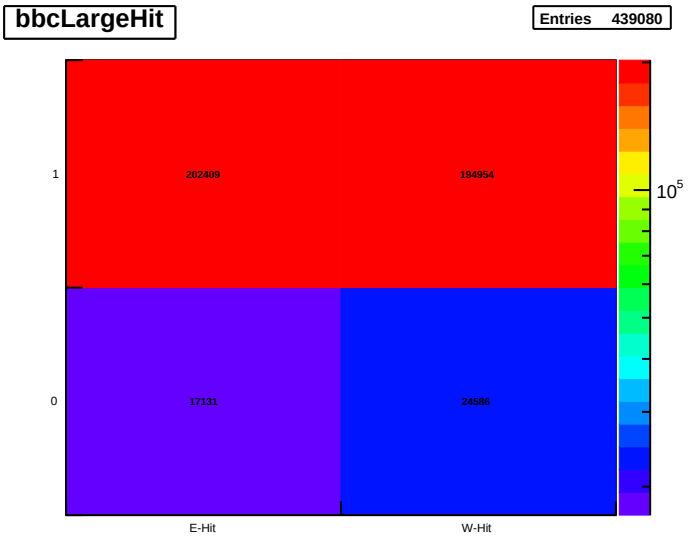

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

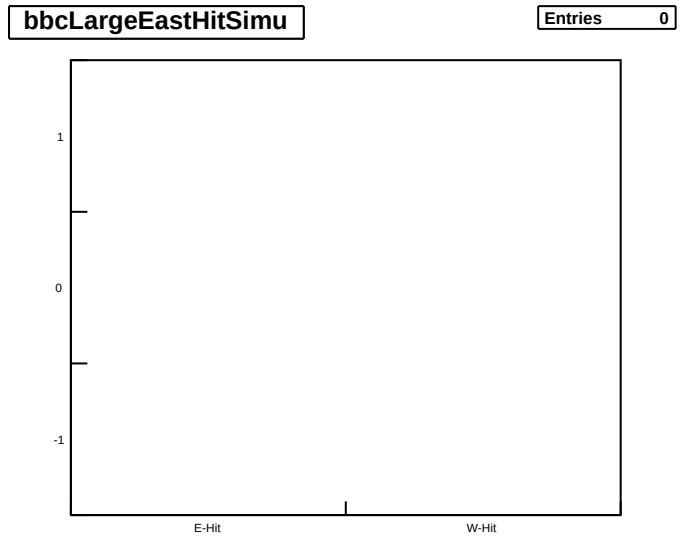

bbcSmallWestAdcSum
Entries 219540

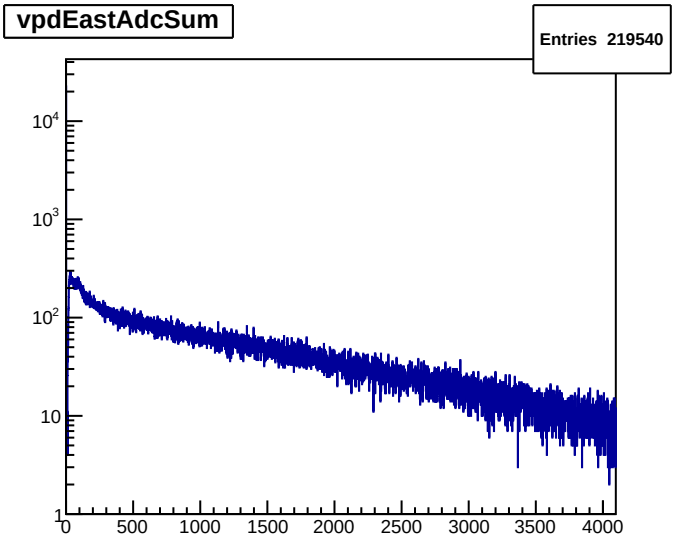

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

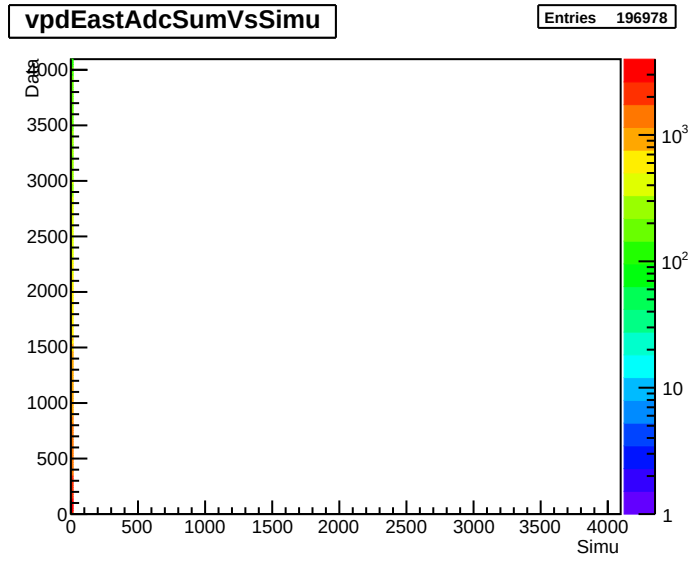

bbcSmallWestTacMax
Entries 219540

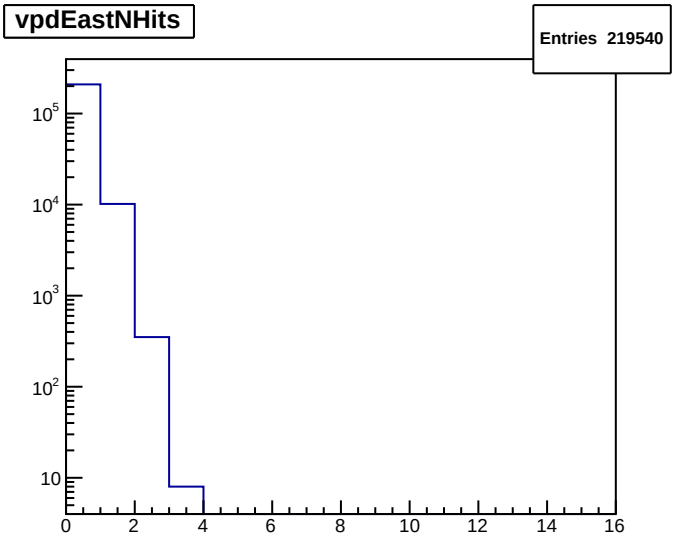

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

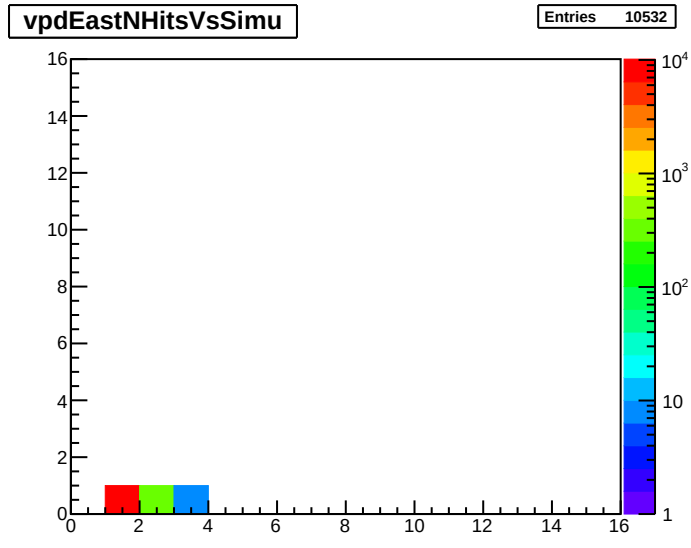

bbcLargeHit
Entries 439080
1
0
202409
194954
17131
24586
E-Hit
W-Hit
10^5

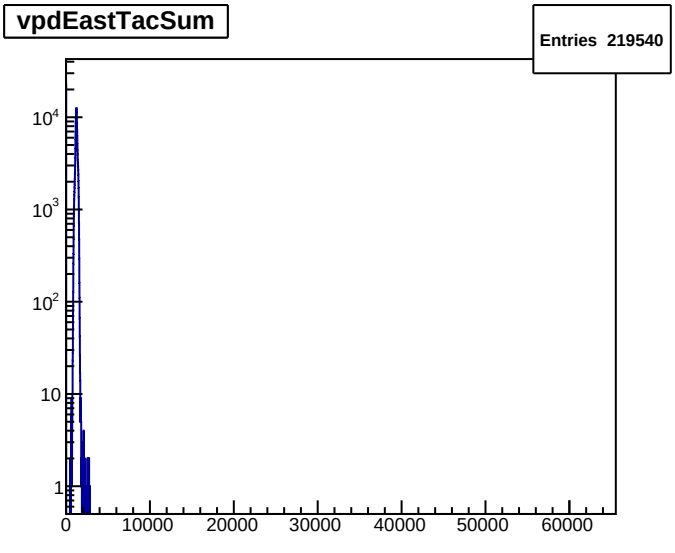

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

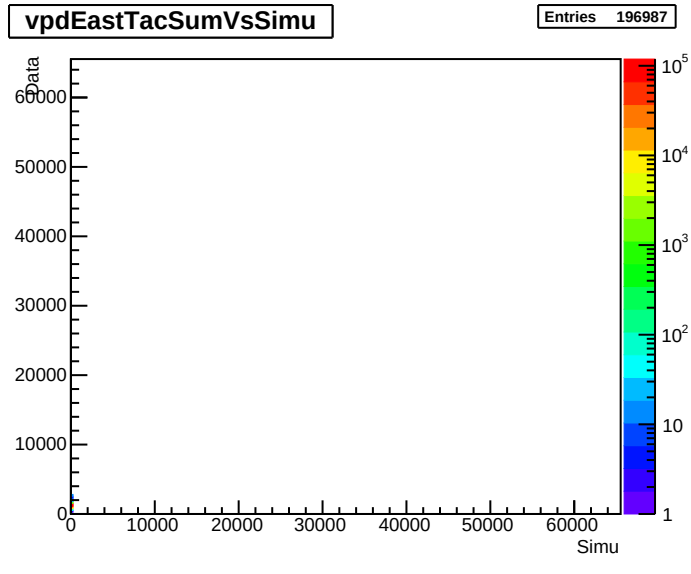

vpdEastAdcSum
Entries 219540

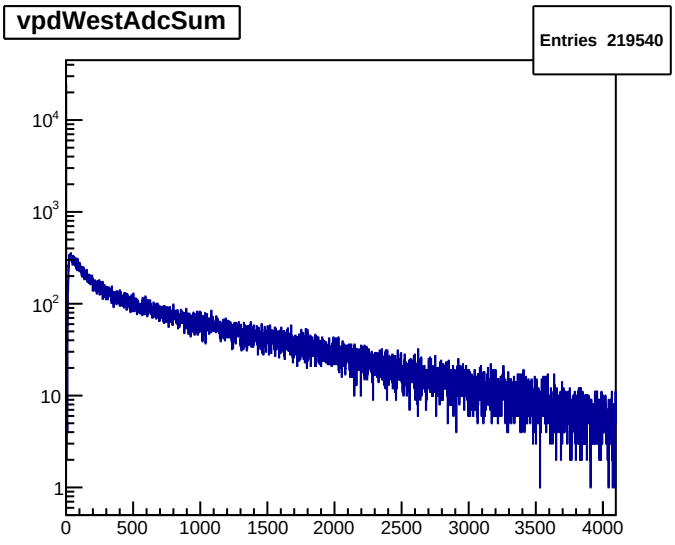

vpdEastAdcSumVsSimu
Entries 196978
Data
Simu

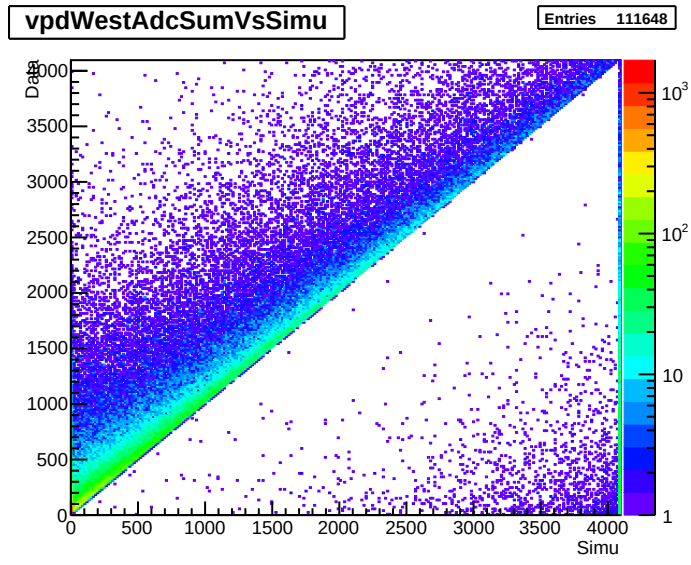

vpdEastNHits
Entries 219540

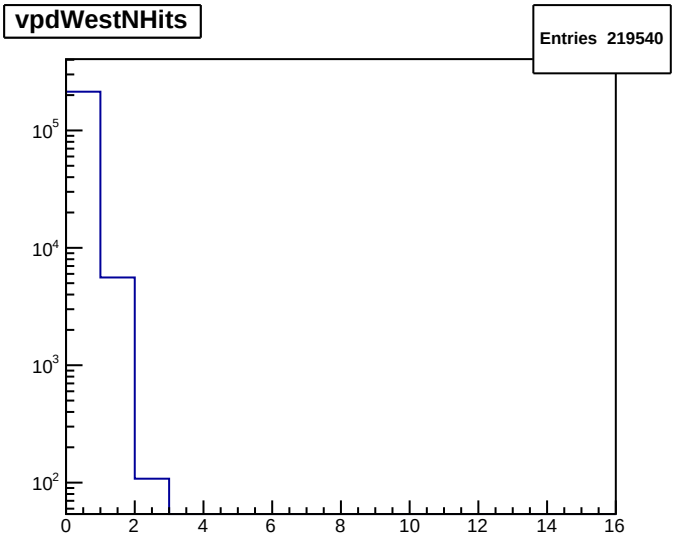

vpdEastNHitsVsSimu
Entries 10532

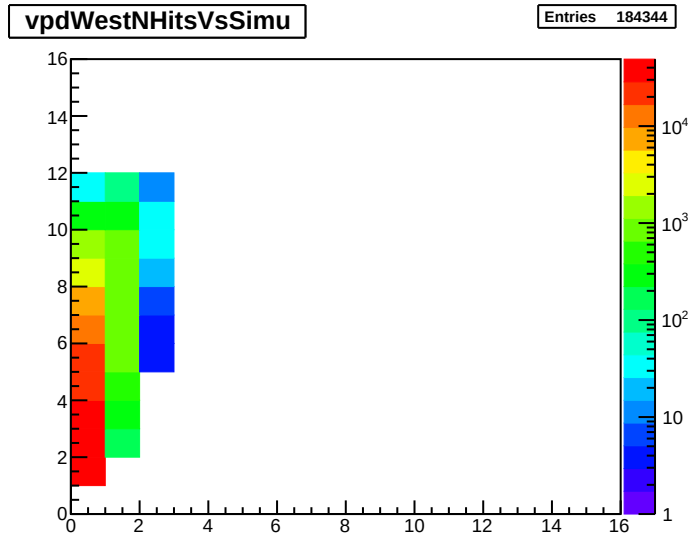

vpdEastTacSum
Entries 219540

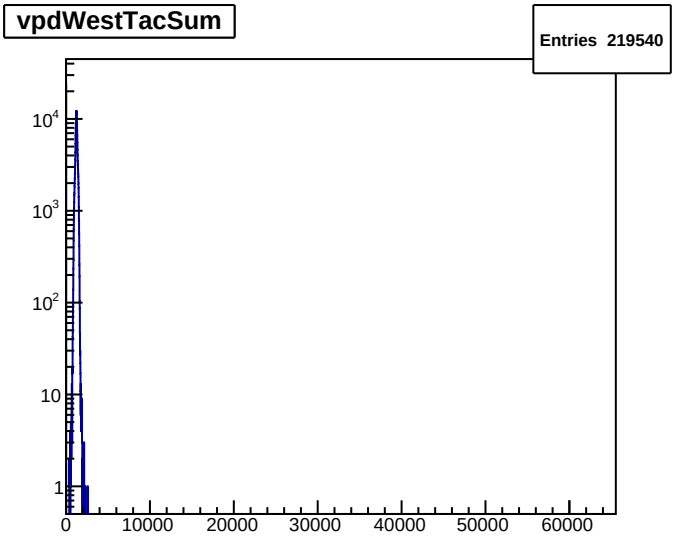

vpdEastTacSumVsSimu
Entries 196987
Data
Simu

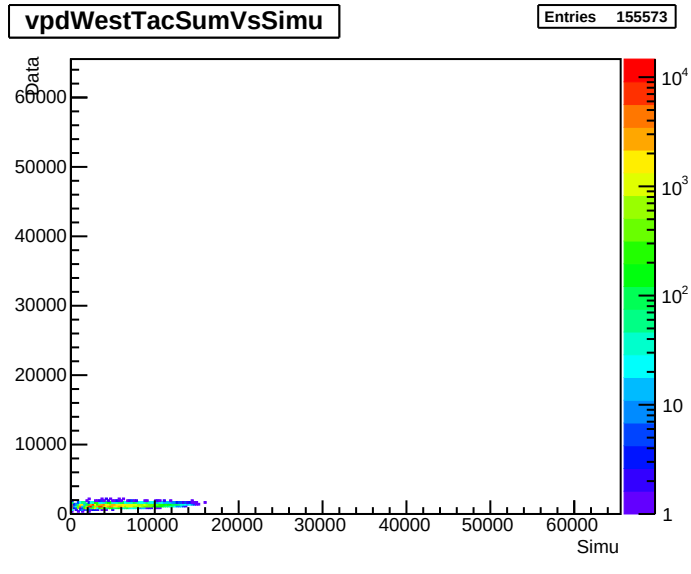

vpdWestAdcSum
Entries 219540

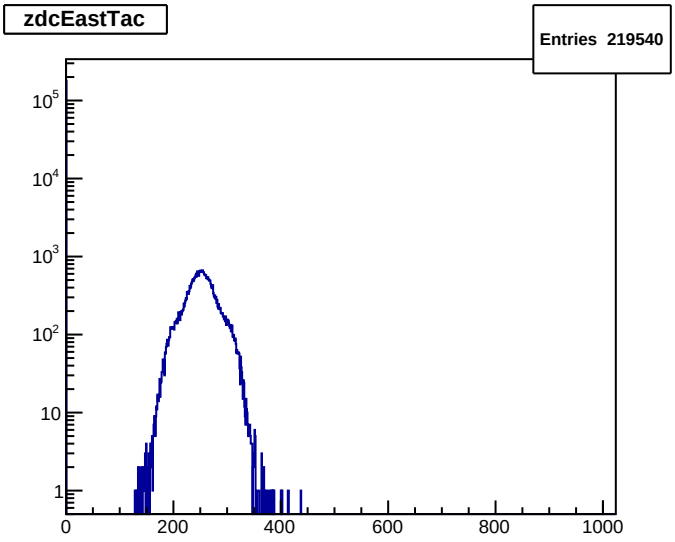

vpdWestAdcSumVsSimu
Entries 111648
Data
Simu

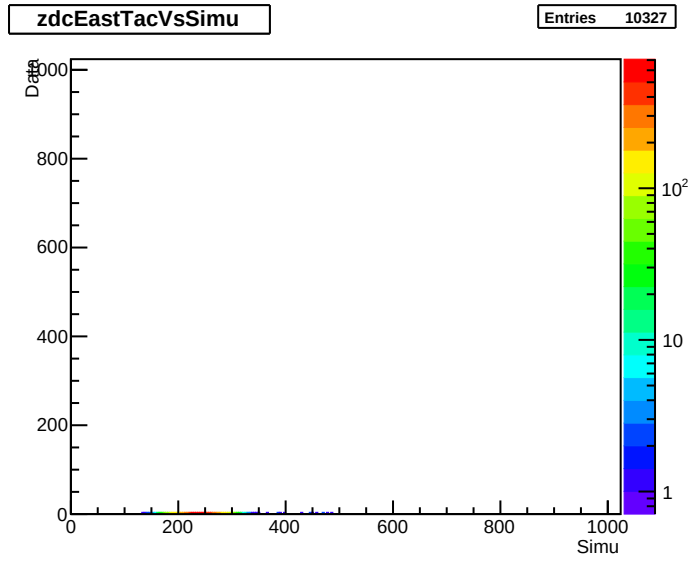

vpdWestNHits
Entries 219540

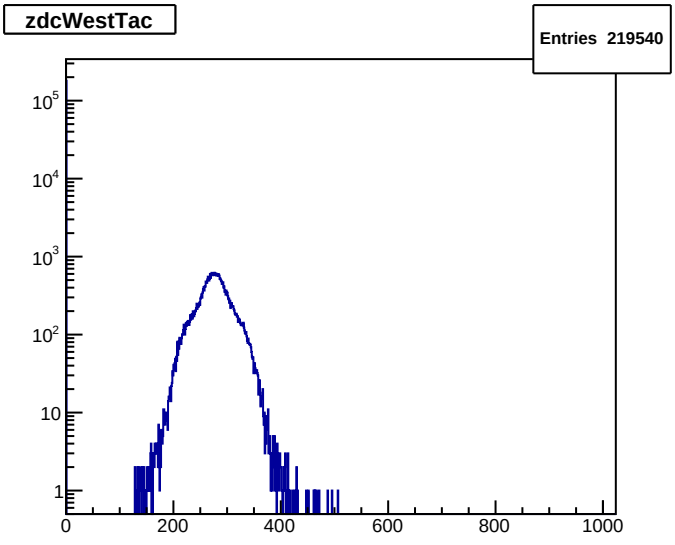

vpdWestNHitsVsSimu
Entries 184344

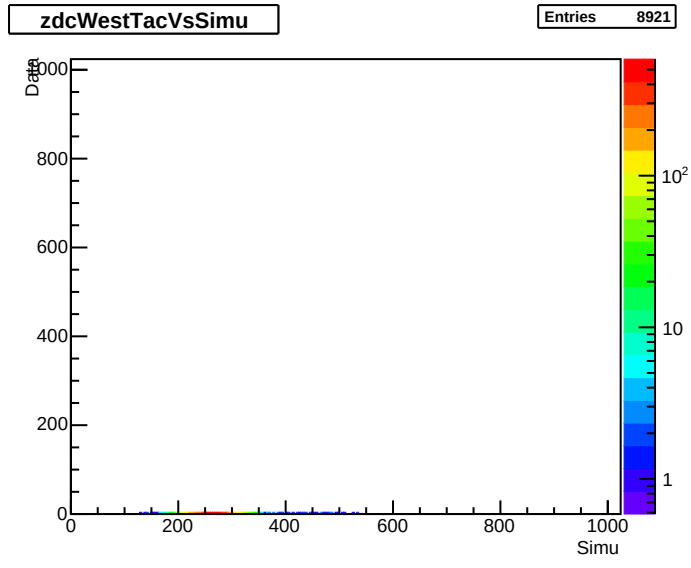

vpdWestTacSum
Entries 219540

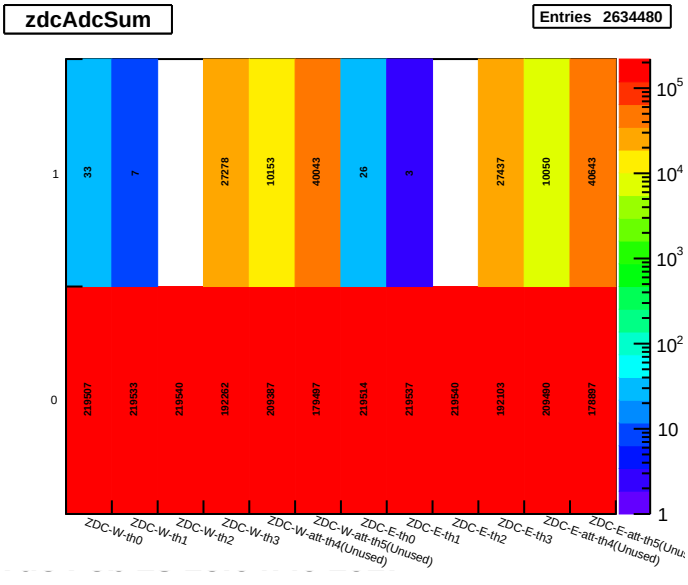

vpdWestTacSumVsSimu
Entries 155573
Data
Simu

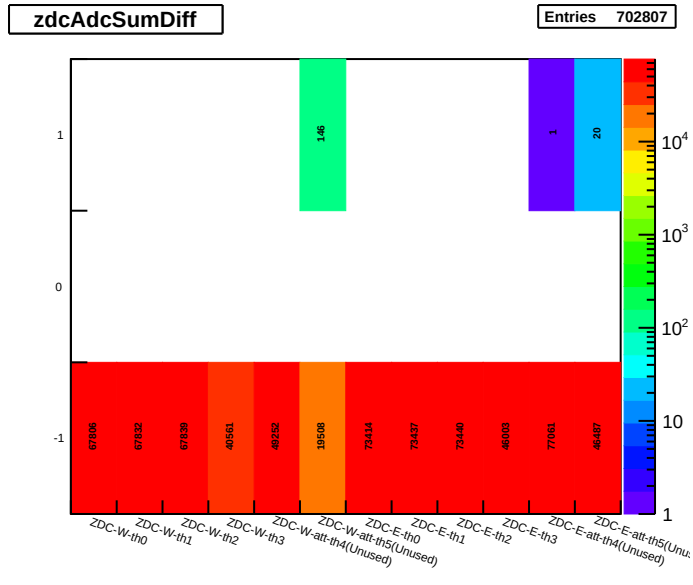

zdcEastTac
Entries 219540

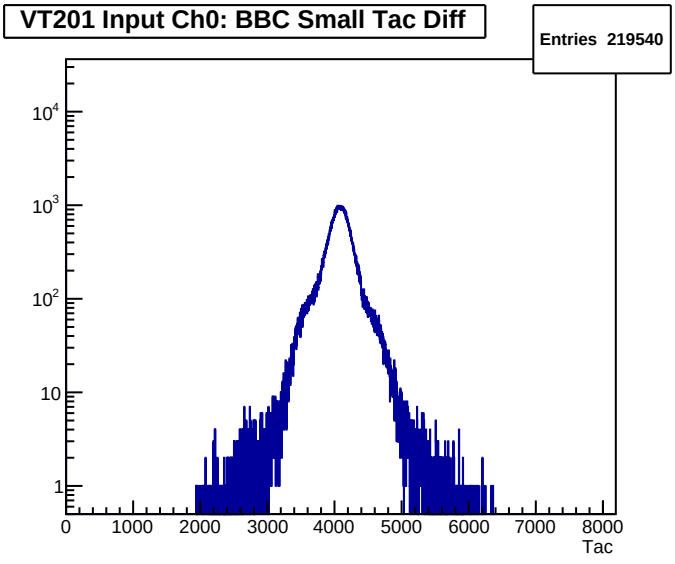

zdcEastTacVsSimu
Entries 10327
Data
Simu

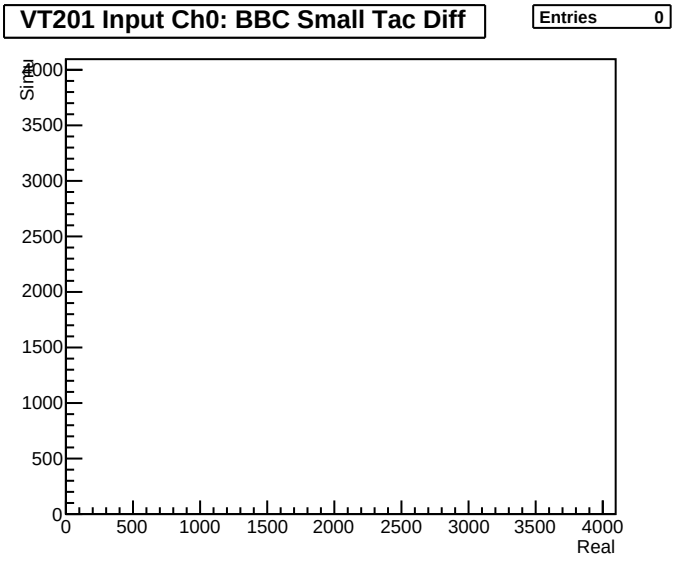

zdcWestTac
Entries 219540

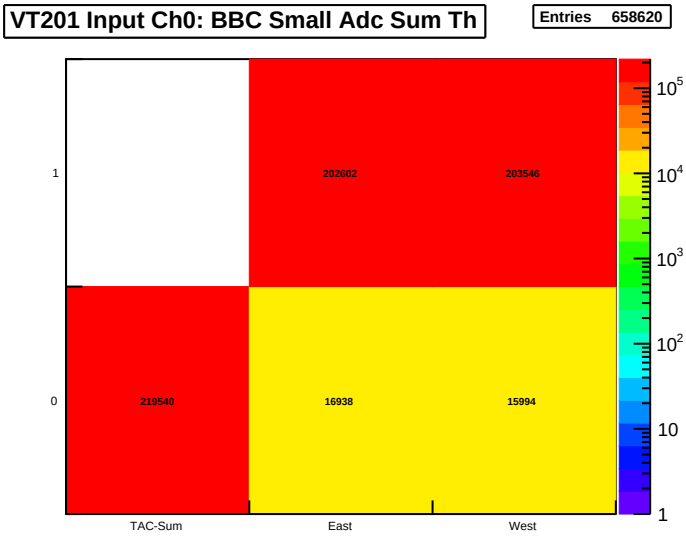

zdcWestTacVsSimu
Entries 8921
Data
Simu

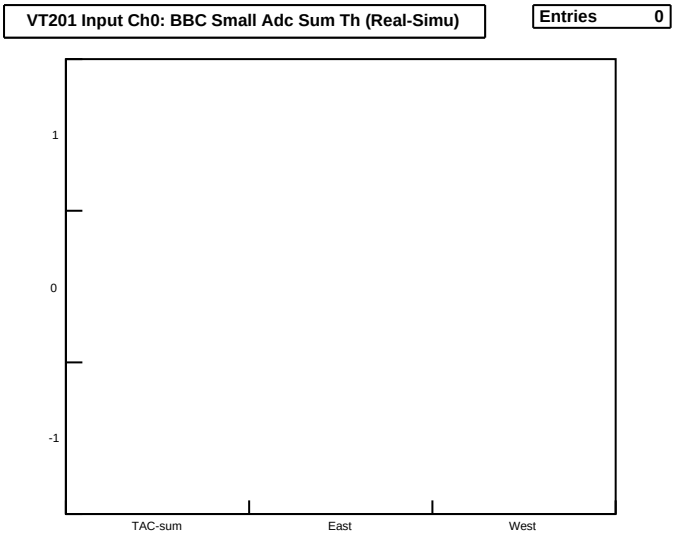

zdcAdcSum
Entries 2634480
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

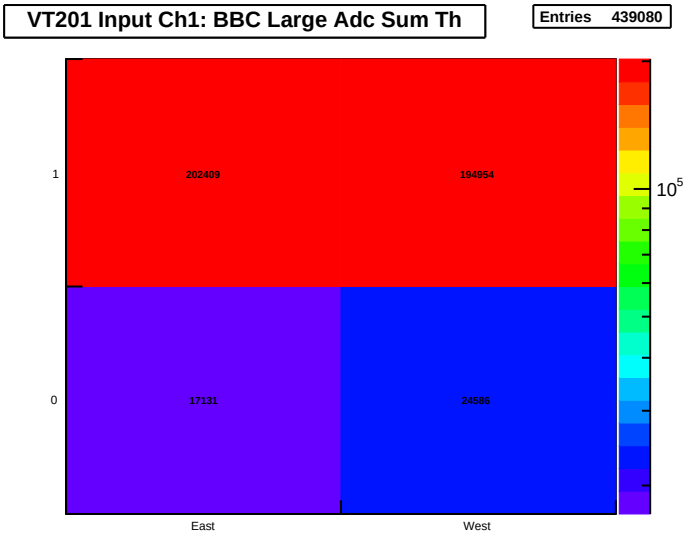

zdcAdcSumDiff
Entries 702807
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

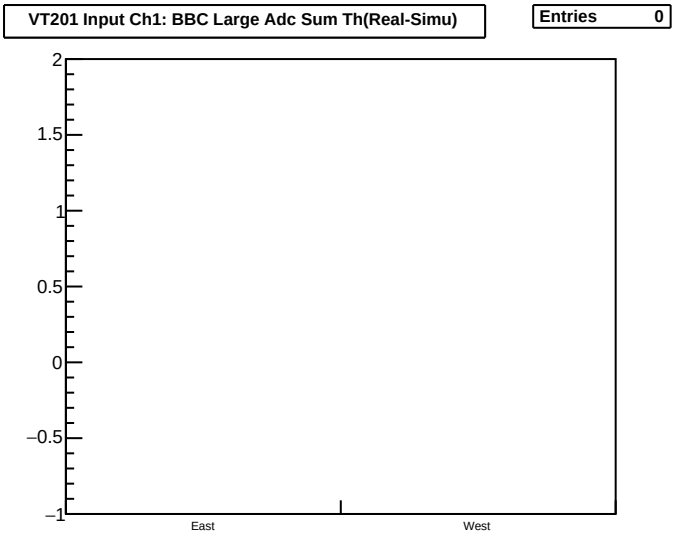

VT201 Input Ch0: BBC Small Tac Diff
Entries 219540
Tac


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

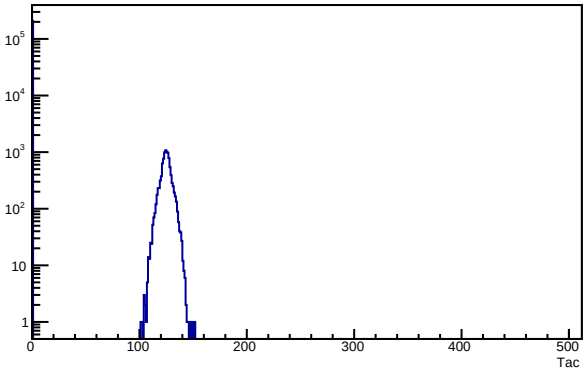

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 658620
202602
203546
219540
16938
15994
TAC-Sum
East
West


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

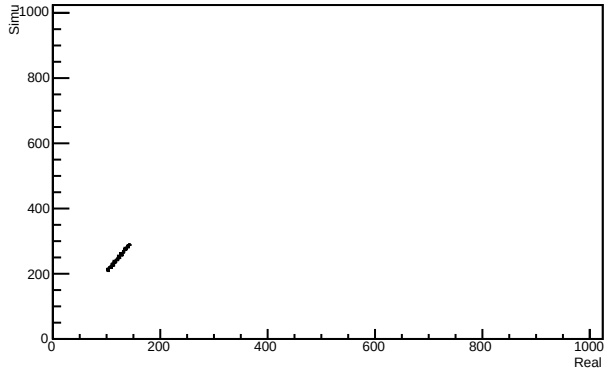

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 439080
202409
194954
17131
24586
East
West


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

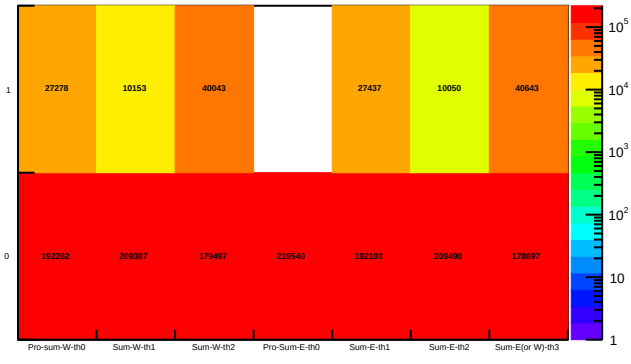
VT201 Input Ch2: ZDC Tac Diff



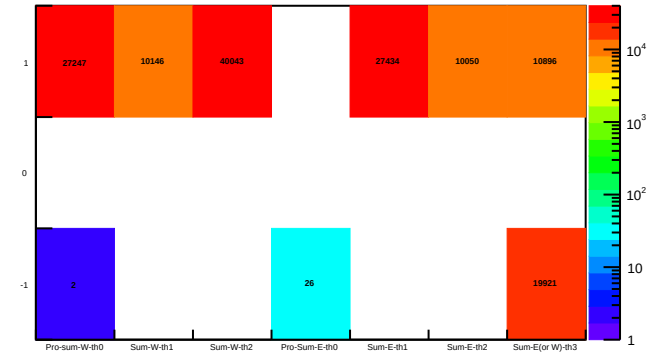
VT201 Input Ch2: ZDC Tac Diff



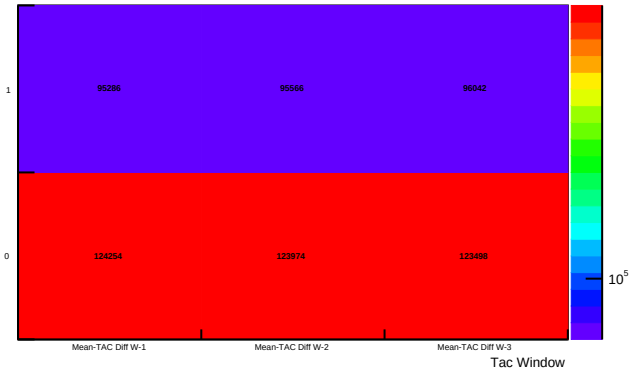
VT201 Input Ch2: ZDC Adc Sum Th



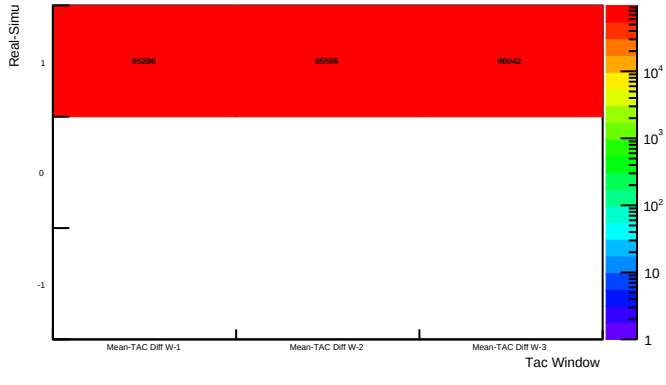
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



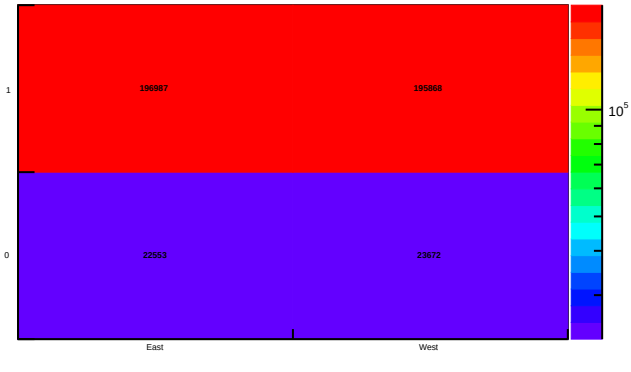
VT201 Input Ch4: VPD Tac Diff



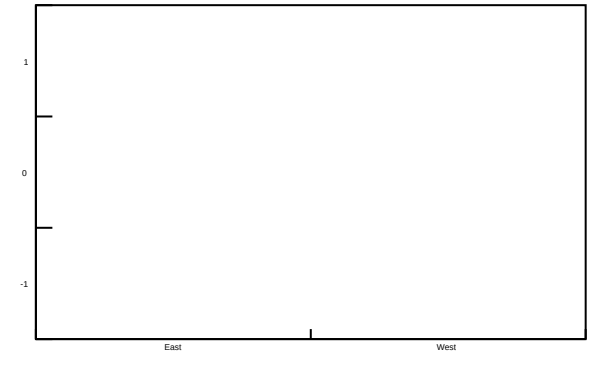
VT201 Input Ch4: VPD Tac Diff

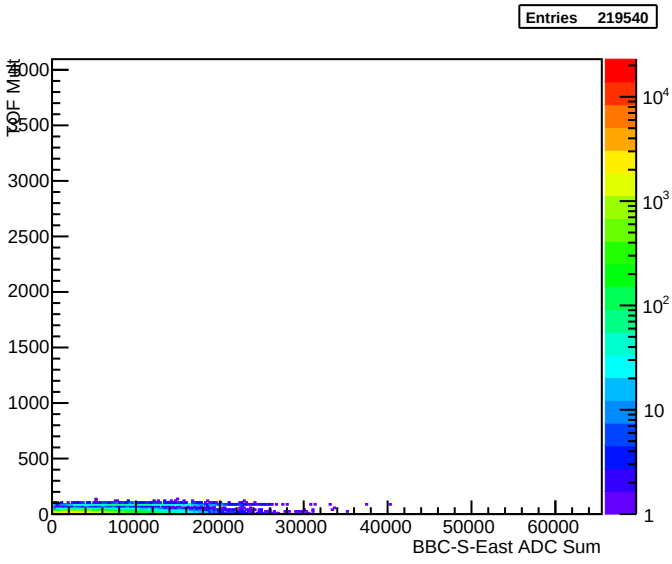


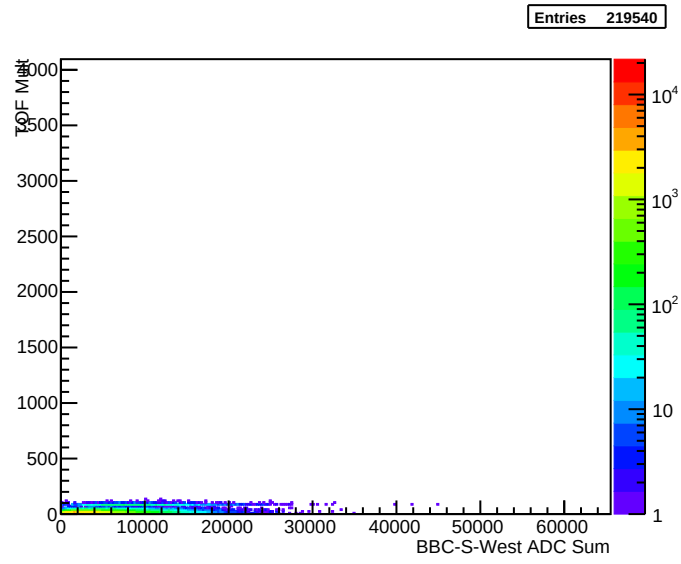
VT201 Input Ch4: VPD Adc Sum Th

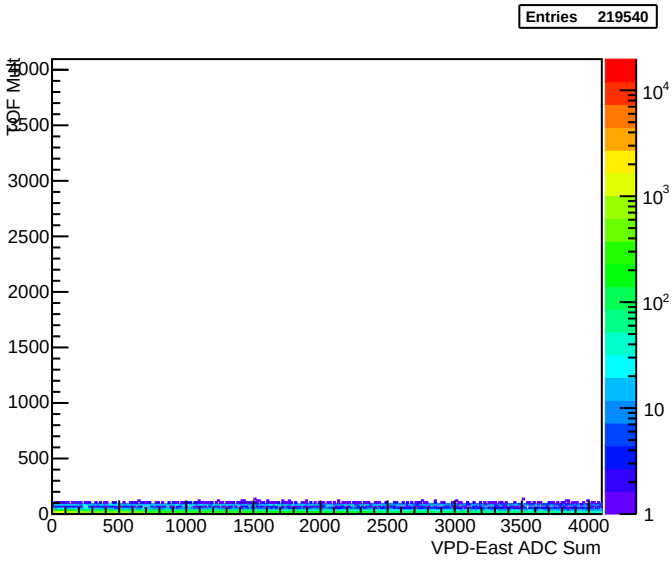


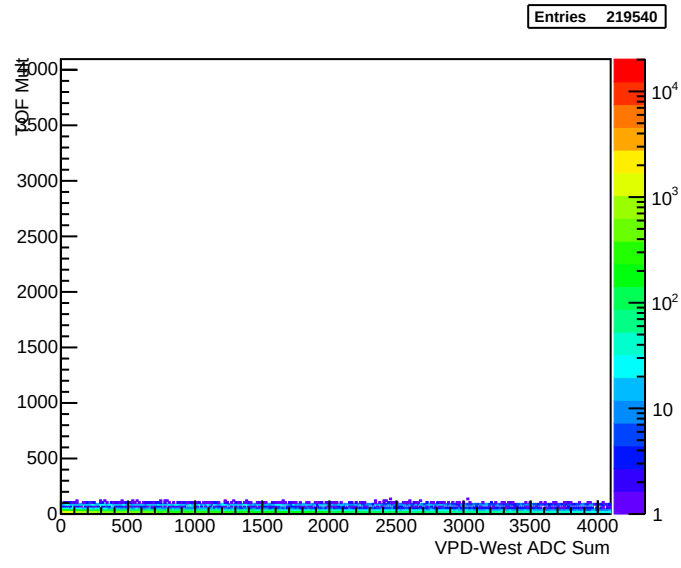
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

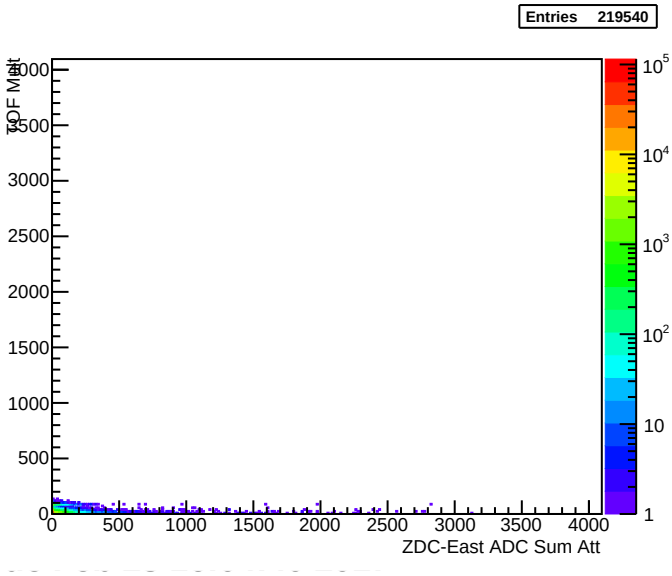


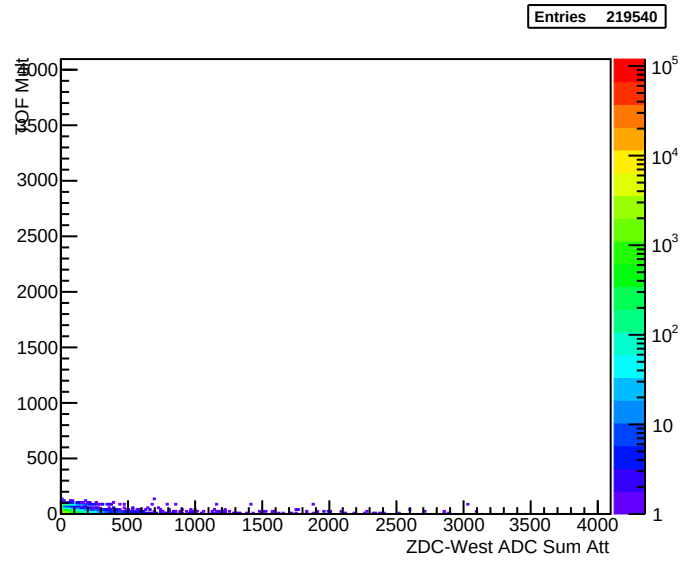

Entries 219540
TOF Mult
BBC-S-East ADC Sum

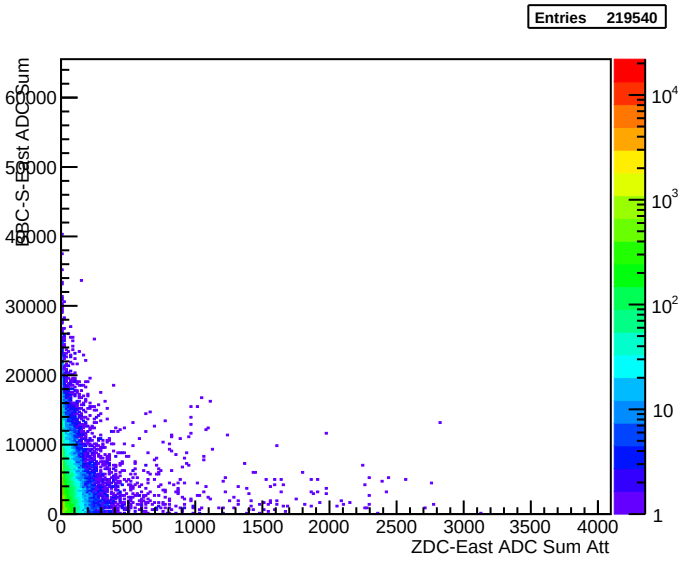

Entries 219540
TOF Mult
BBC-S-West ADC Sum

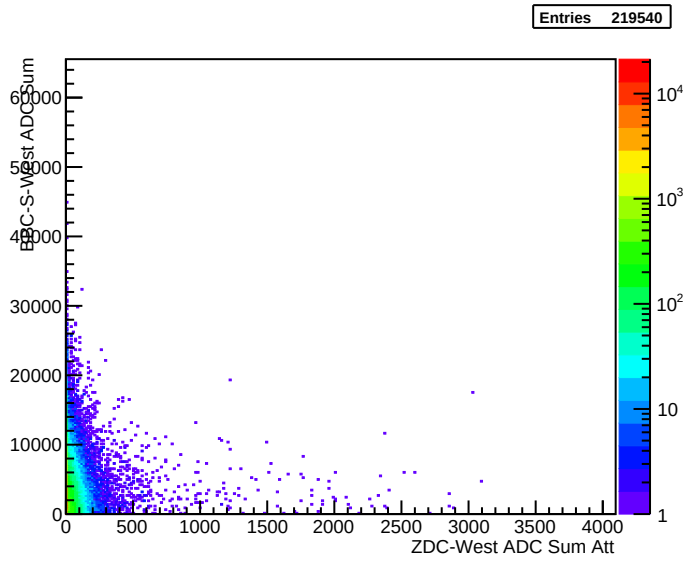

Entries 219540
TOF Mult
VPD-East ADC Sum

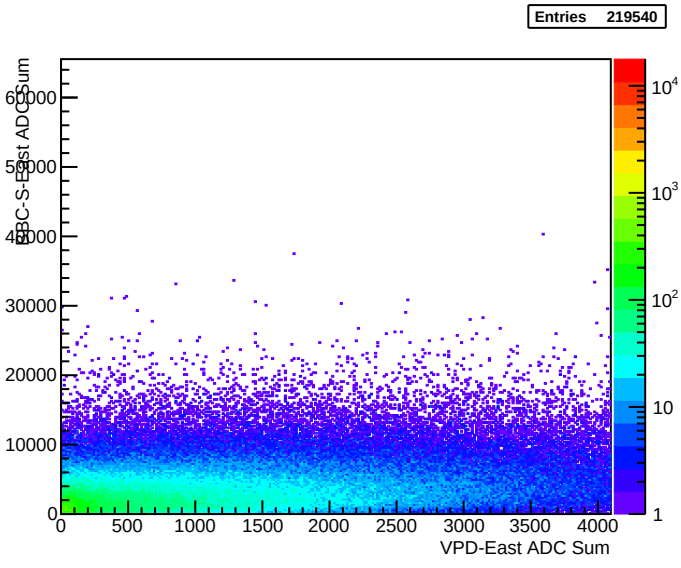

Entries 219540
TOF Mult
VPD-West ADC Sum

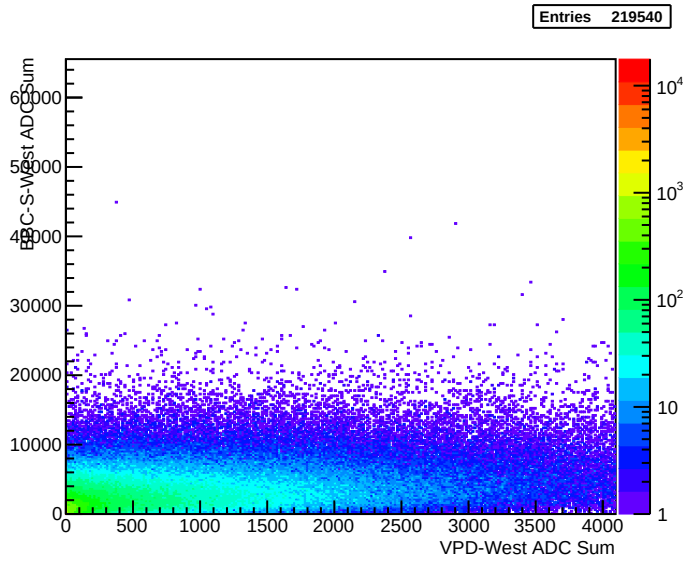

Entries 219540
TOF Mult
ZDC-East ADC Sum Att

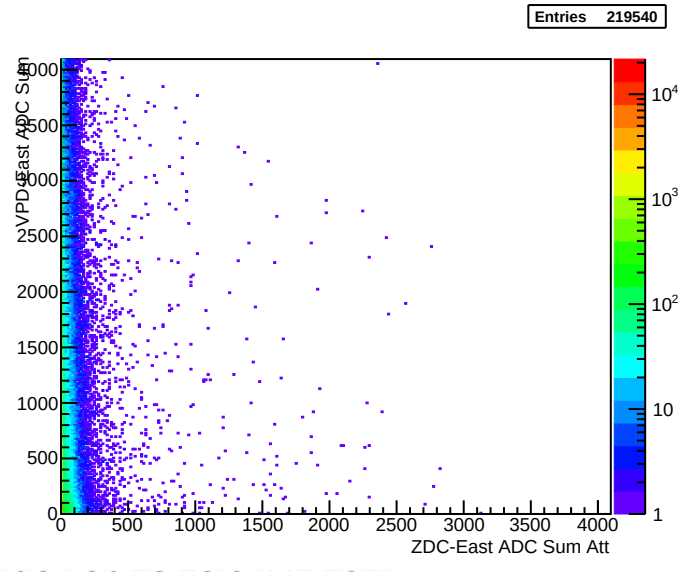

Entries 219540
TOF Mult
ZDC-West ADC Sum Att

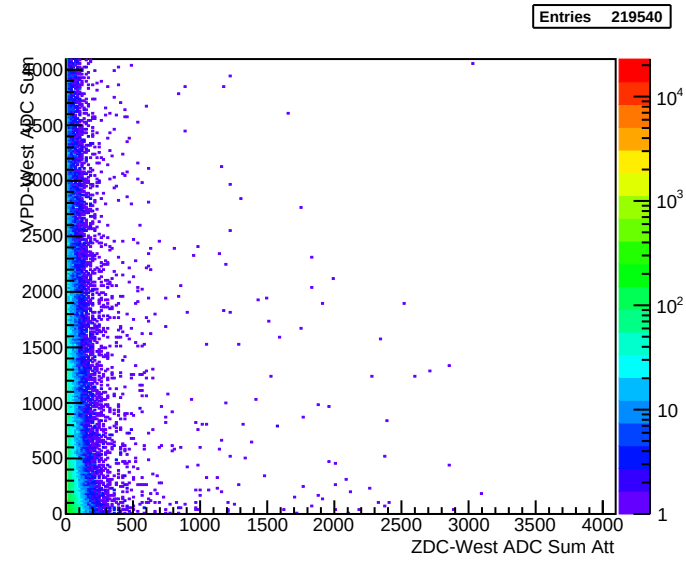

Entries 219540
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

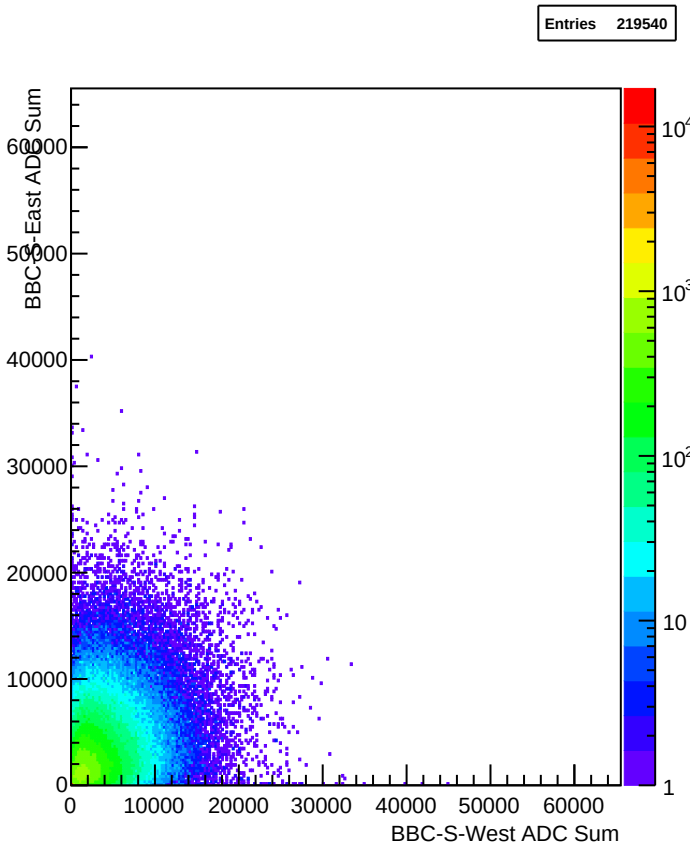

Entries 219540
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

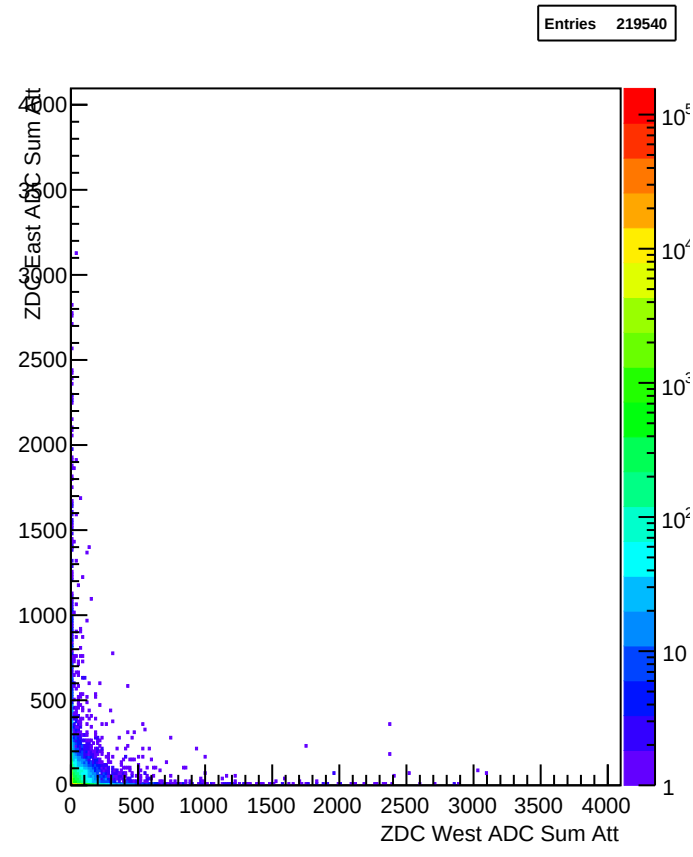

Entries 219540
BBC-S-East ADC Sum
VPD-East ADC Sum

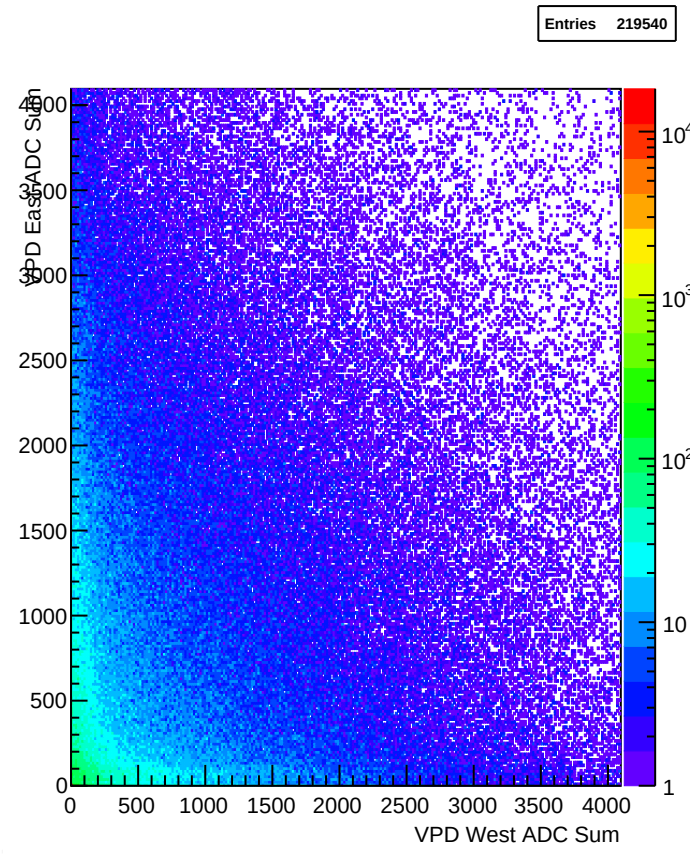

Entries 219540
BBC-S-West ADC Sum
VPD-West ADC Sum

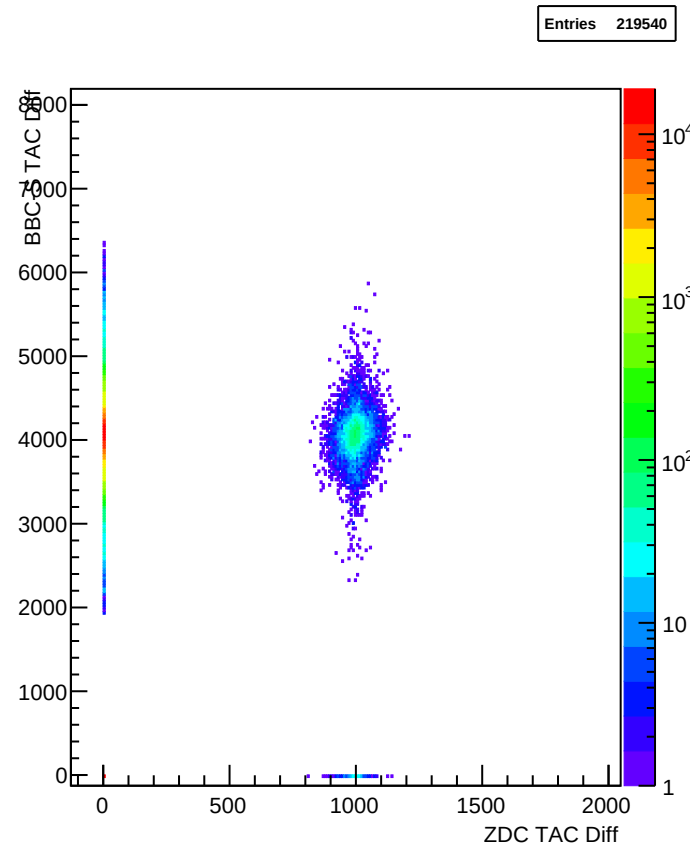

Entries 219540
VPD-East ADC Sum
ZDC-East ADC Sum Att

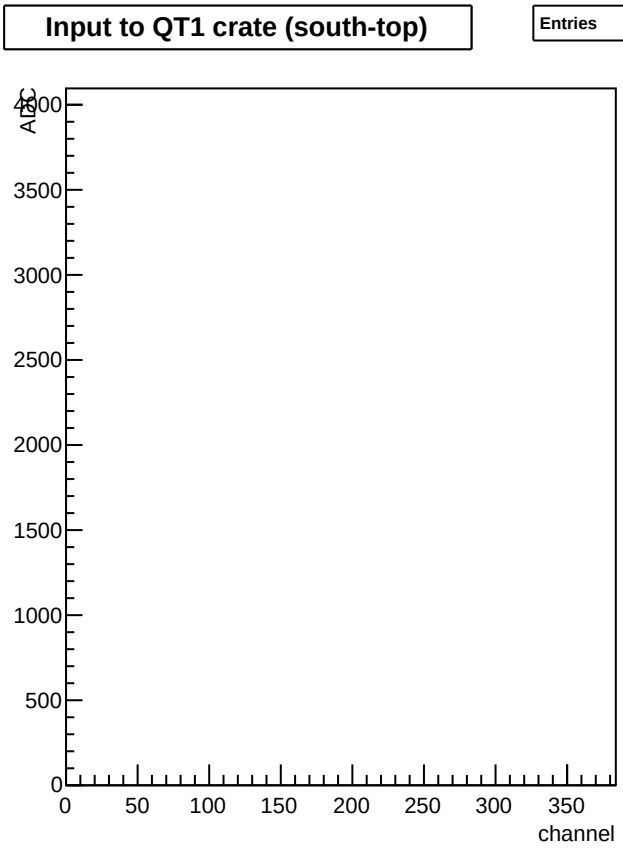

Entries 219540
VPD-West ADC Sum
ZDC-West ADC Sum Att

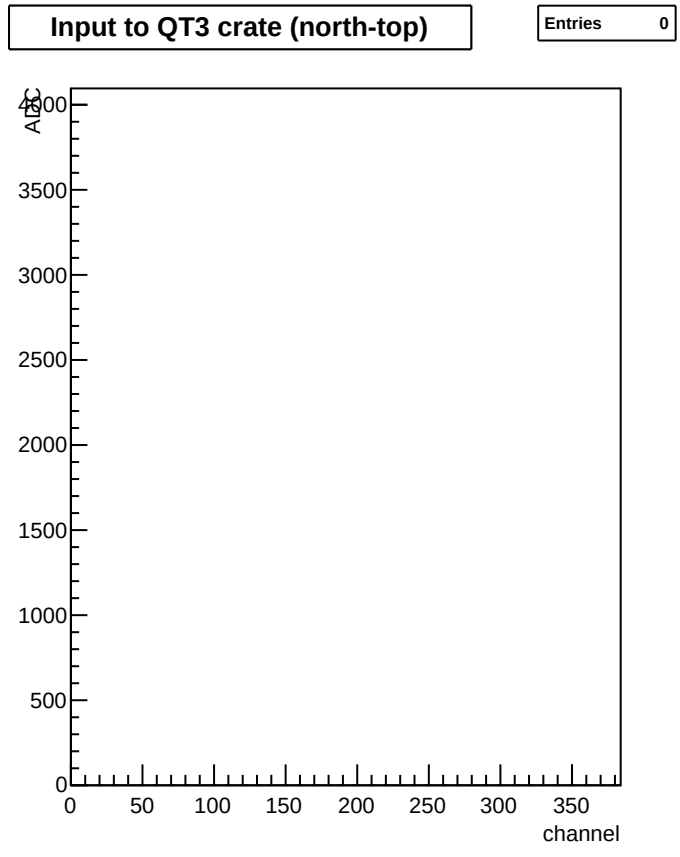

Entries 219540
BBC-S-East ADC Sum
BBC-S-West ADC Sum

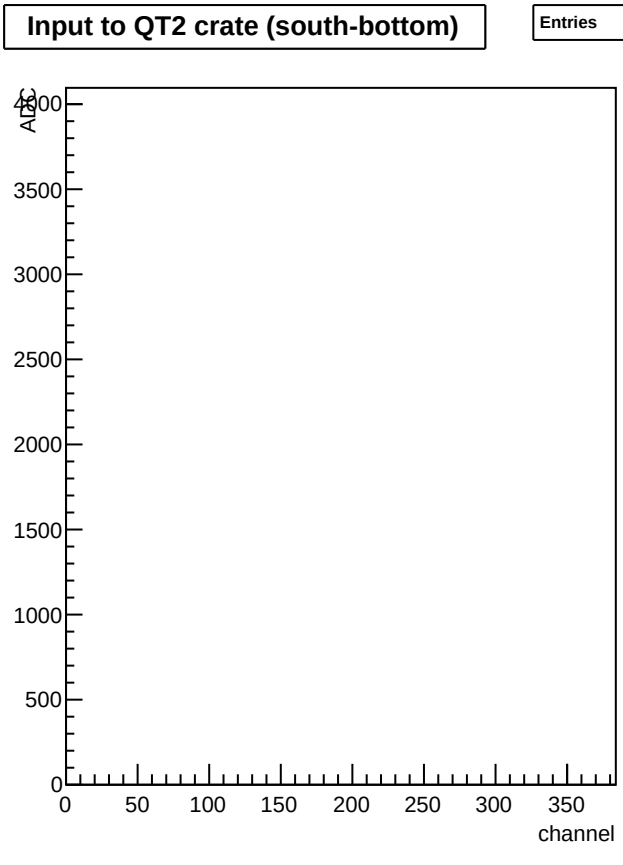

Entries 219540
ZDC East ADC Sum Att
ZDC West ADC Sum Att

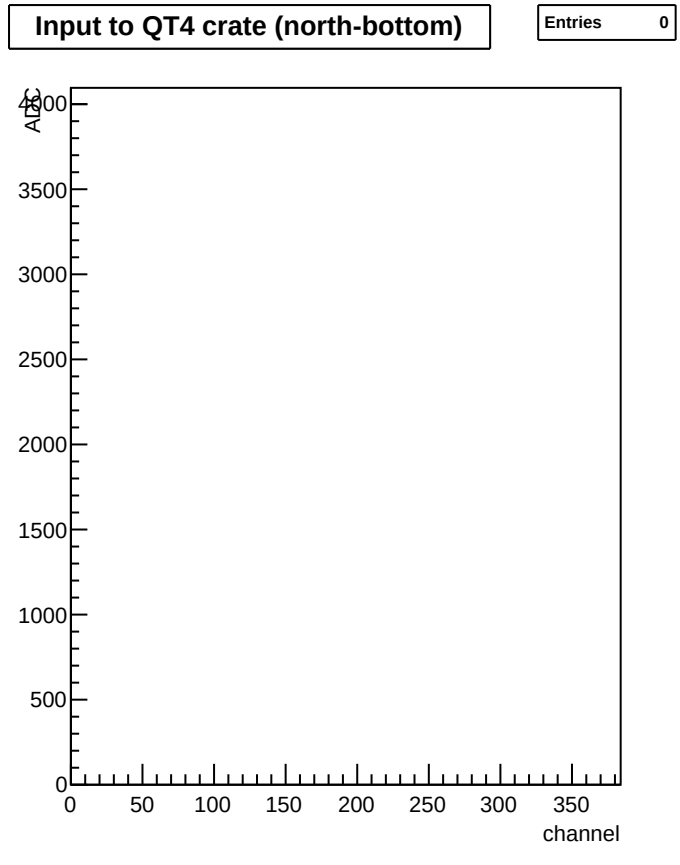

Entries 219540
VPD East ADC Sum
VPD West ADC Sum

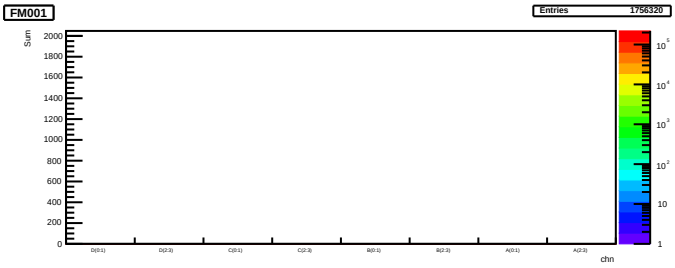

Entries 219540
BBC-S TAC Diff
ZDC TAC Diff

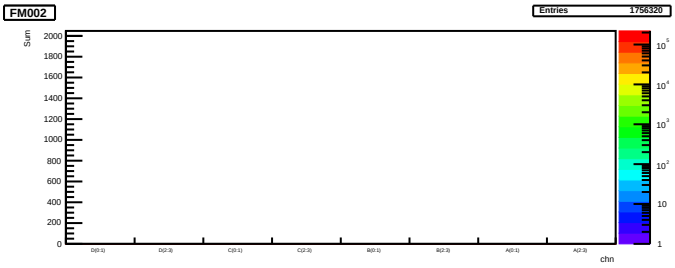

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

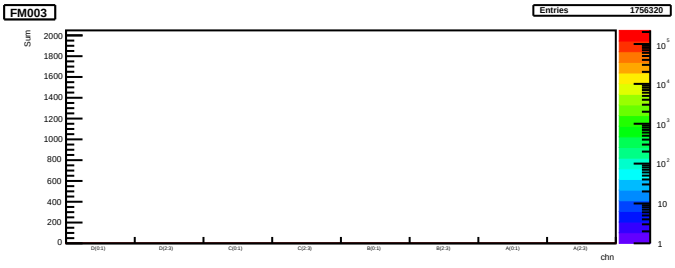

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

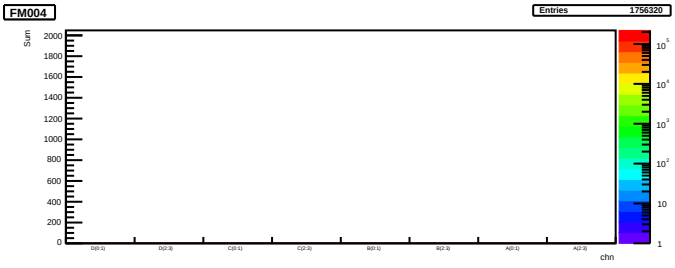

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

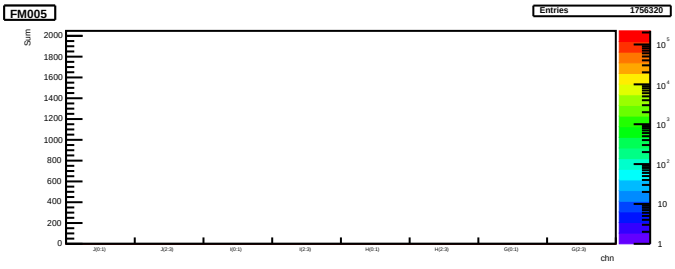

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

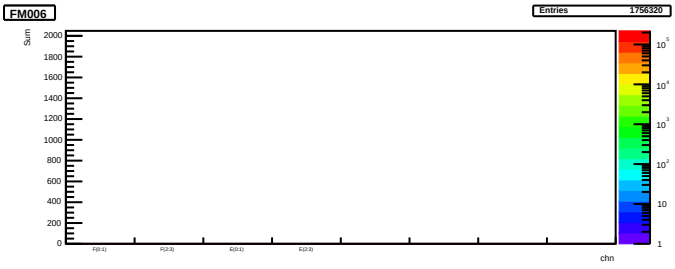

FM001
Entries 1756320
Sum
chn

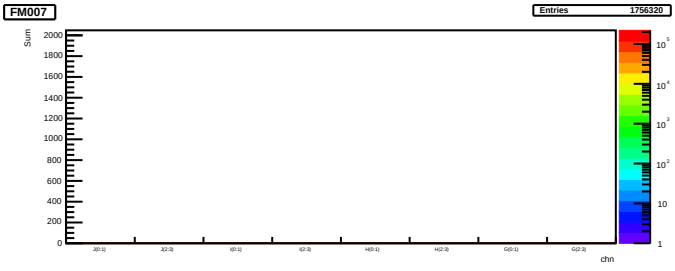

FM002
Entries 1756320
Sum
chn

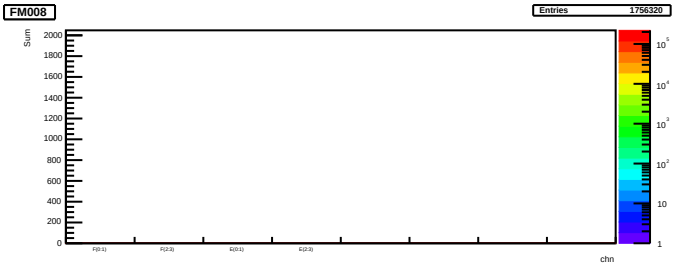

FM003
Entries 1756320
Sum
chn

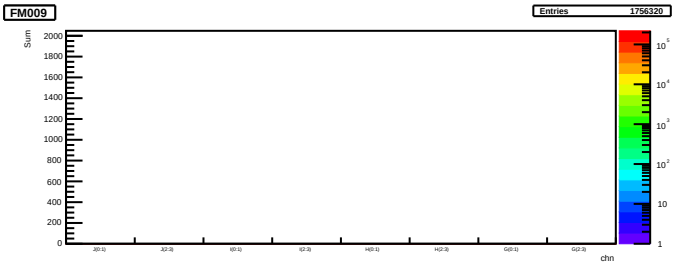

FM004
Entries 1756320
Sum
chn

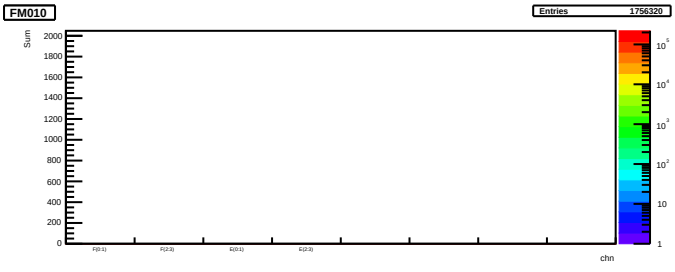

FM005
Entries 1756320
Sum
chn

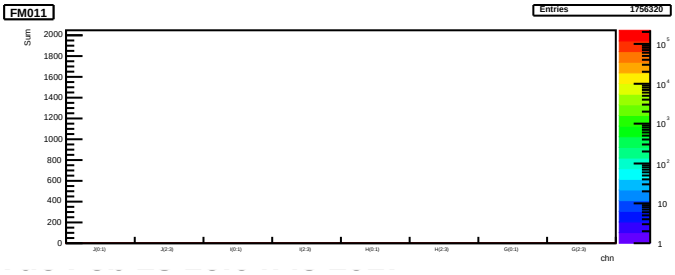

FM006
Entries 1756320
Sum
chn

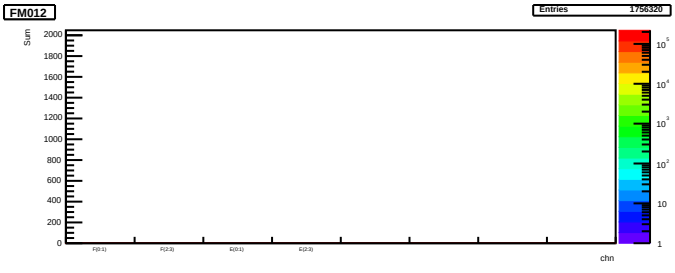

FM007
Entries 1756320
Sum
chn

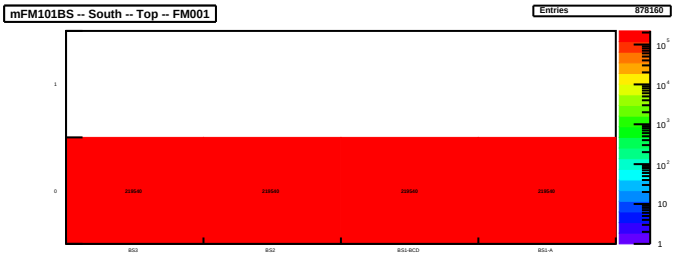

FM008
Entries 1756320
Sum
chn


FM009
Entries 1756320
Sum
chn


FM010
Entries 1756320
Sum
chn


FM011
Entries 1756320
Sum
chn


FM012
Entries 1756320
Sum
chn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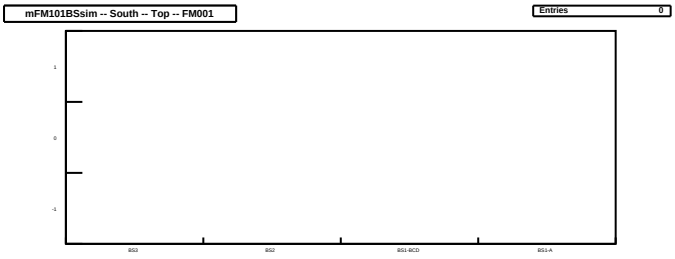
BS1-BCD
BS1-A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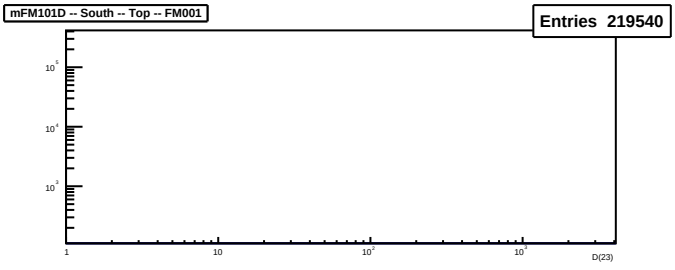
BS1-A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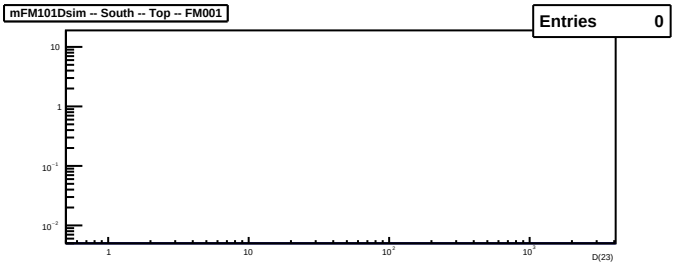
D(23)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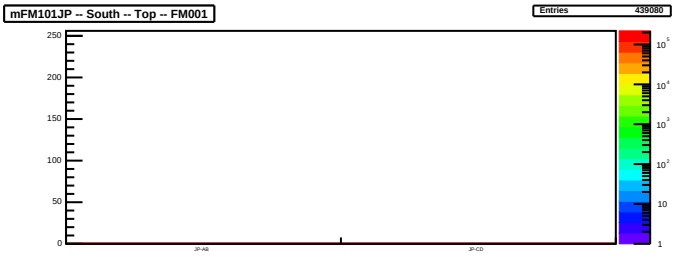
D(23)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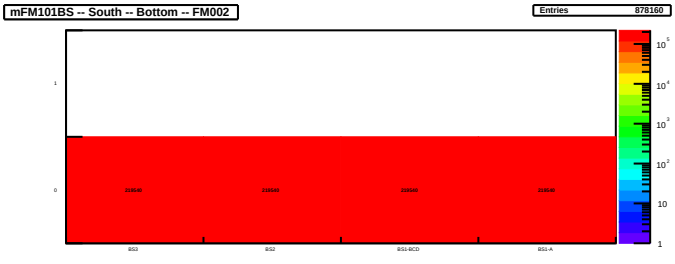
Entries 439080
JP-AB
JP-CD

mFM101JPsim -- South -- Top -- FM001
Entries 0
JP-AB
JP-CD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Entries 878160
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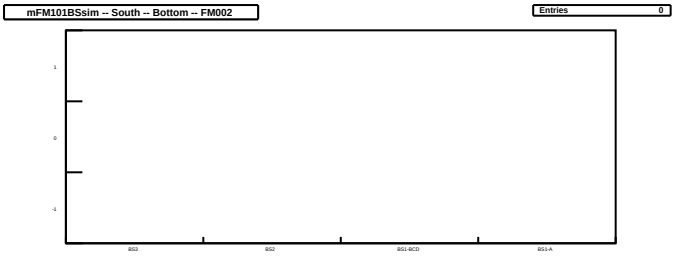
BS1-A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Entries 0
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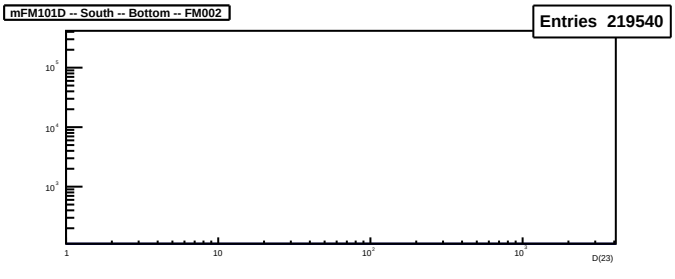
BS1-BCD
BS1-A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Entries 219540
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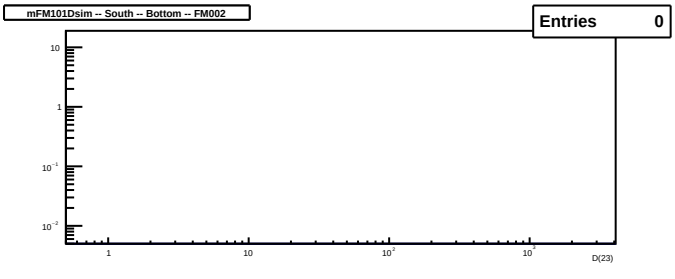
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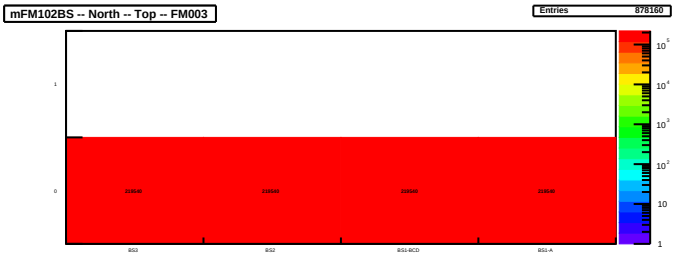
Entries 0
D(23)

mFM101JP -- South -- Bottom -- FM002
Entries 439080
JP-AB
JP-CD

mFM101JPsim -- South -- Bottom -- FM002
Entries 0
JP-AB
JP-CD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Entries 878160
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219540
219540
219540
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BS2
BS1-BCD
BS1-A

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Entries 0
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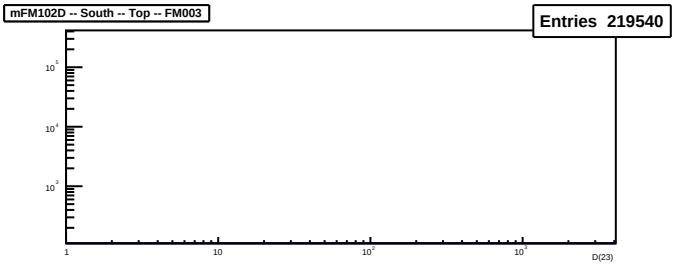
BS1-BCD
BS1-A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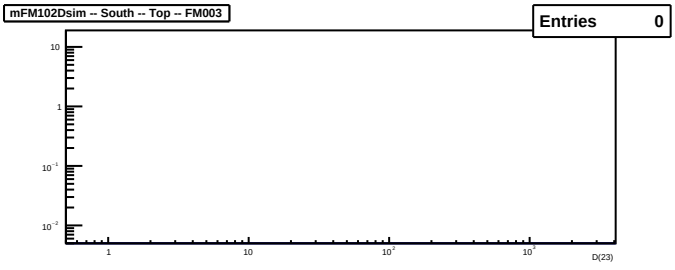
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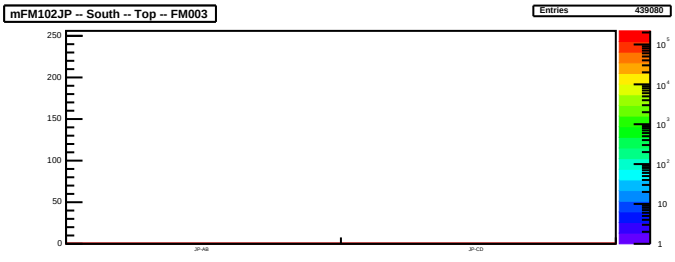
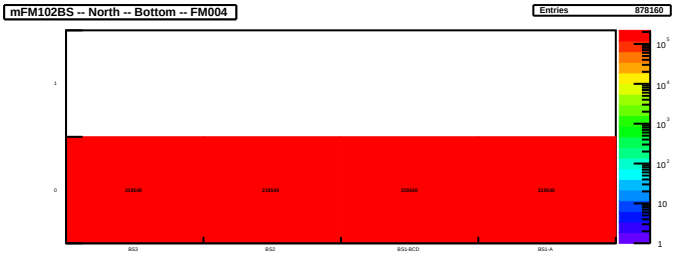
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 439080
JP-AB
JP-CD

mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD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Entries 878160
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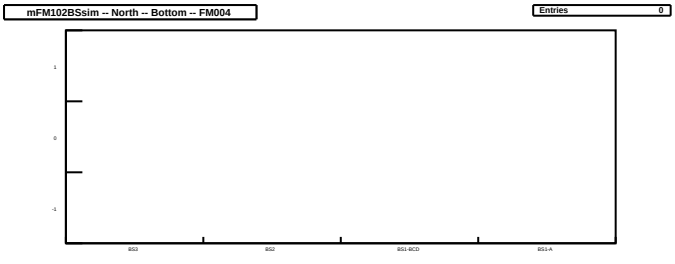
BS2
BS1-BCD
BS1-A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Entries 0
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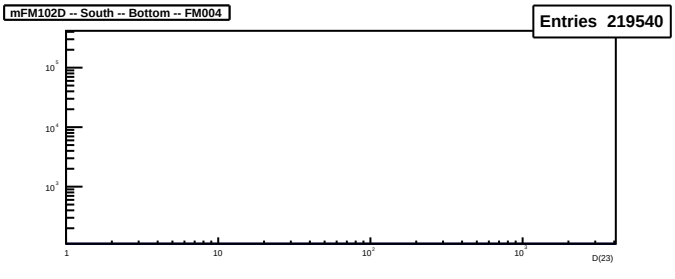
BS2
BS1-BCD
BS1-A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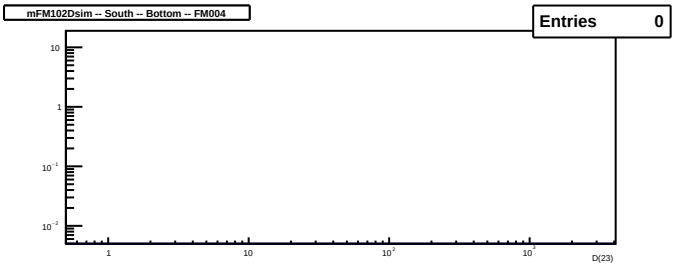
Entries 219540
D(23)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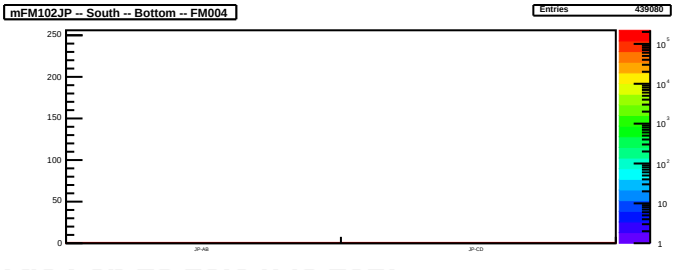
D(23)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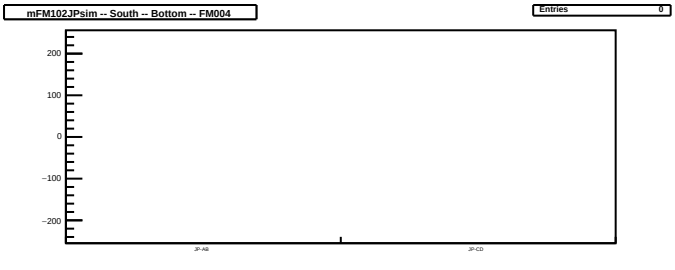
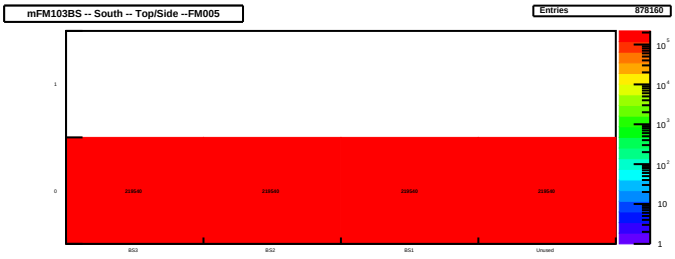
Entries 439080
JP-AB
JP-CD


mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD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Entries 878160
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219540
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BS2
BS1
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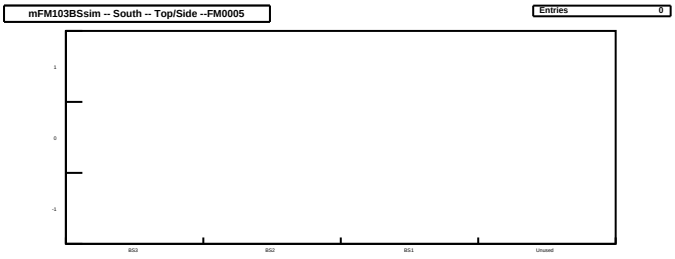
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Entries 0
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BS2
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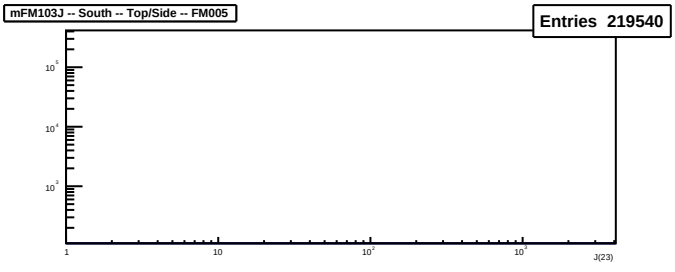
Unused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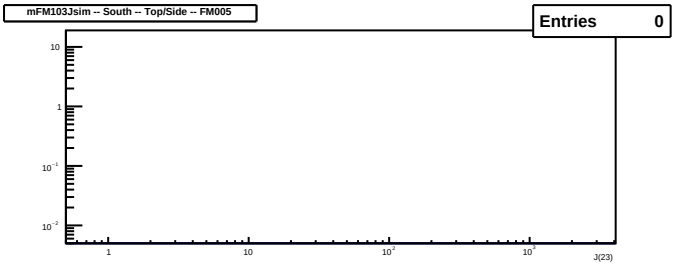
Entries 219540
J(23)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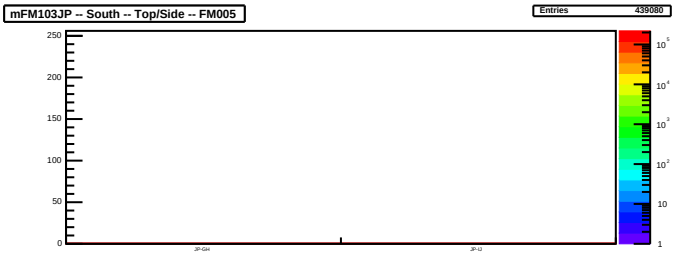
Entries 0
J(23)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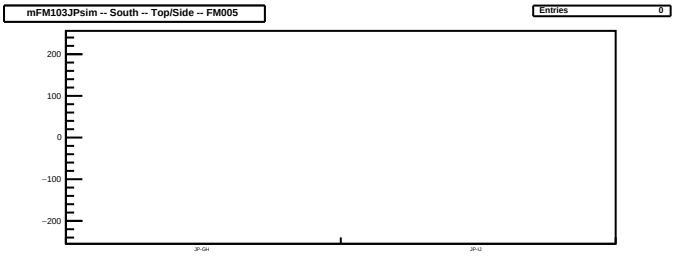
Entries 439080
JP-GH
JP-IJ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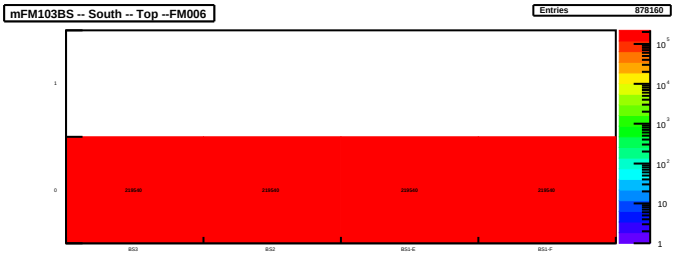
Entries 0
JP-GH
JP-IJ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Entries 878160
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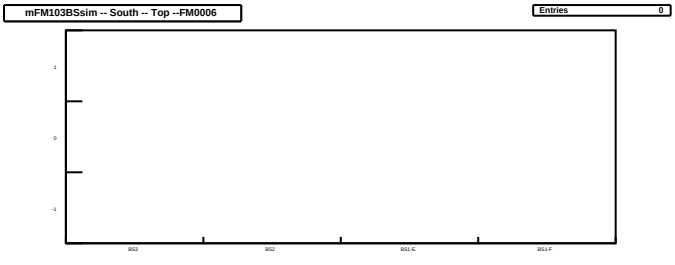
BS3
BS2
BS1-E
BS1-F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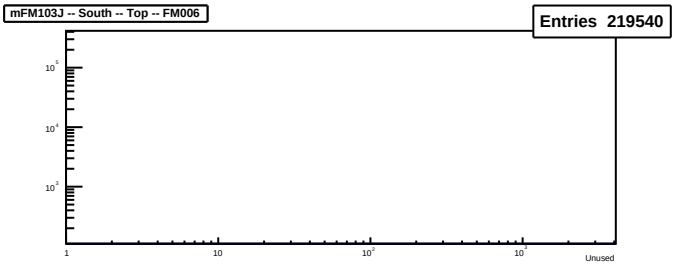
BS1-E
BS1-F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Entries 219540
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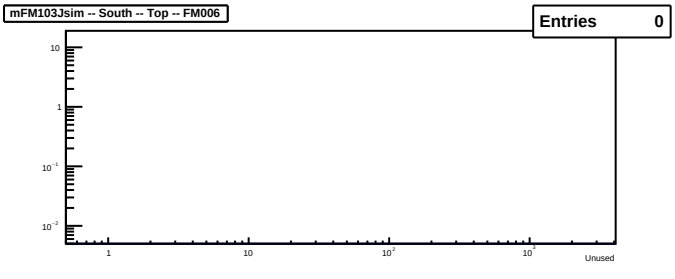
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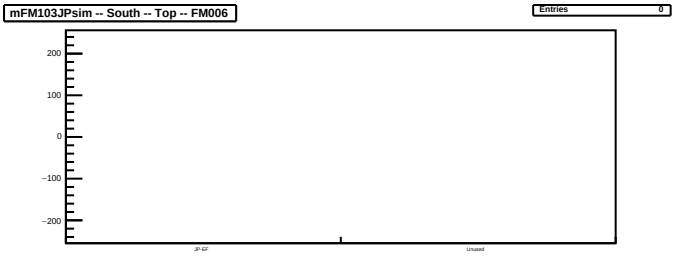
Entries 0
Unused

mFM103JP -- South -- Top -- FM006
Entries 439080
JP-EF
Unused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Entries 0
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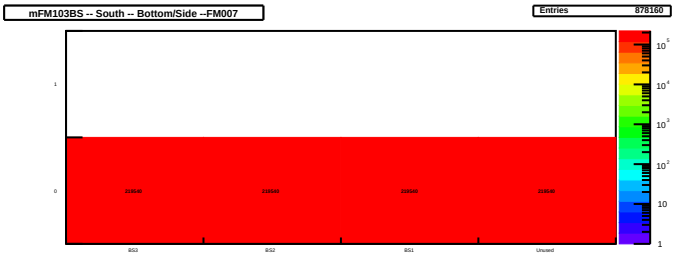
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Entries 878160
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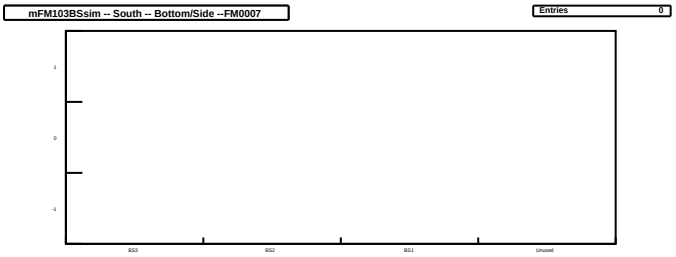
Unused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Entries 0
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BS1
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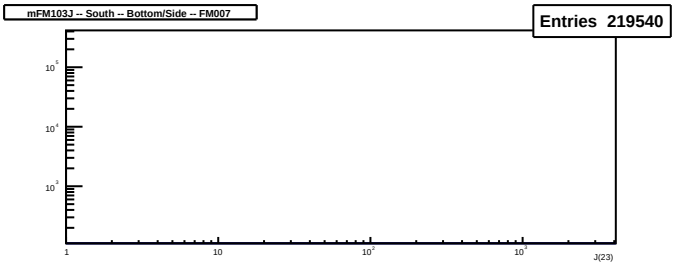
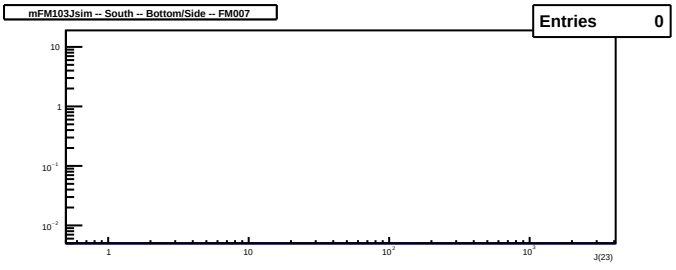

mFM103J -- South -- Bottom/Side -- FM007
Entries 219540
J(23)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Entries 0
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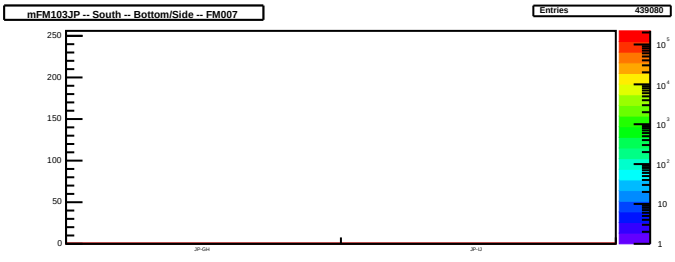
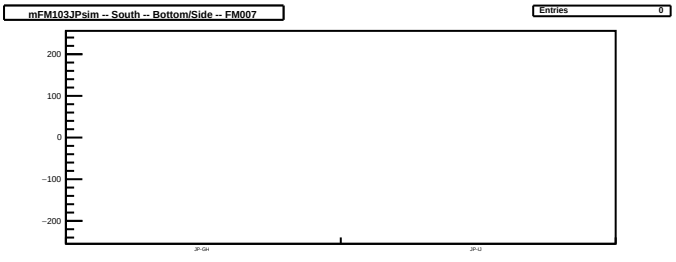

mFM103JP -- South -- Bottom/Side -- FM007
Entries 439080
JP-GH
JP-IJ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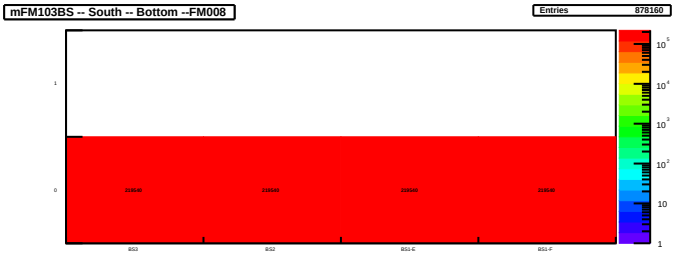
Entries 0
JP-GH
JP-IJ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Entries 878160
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219540
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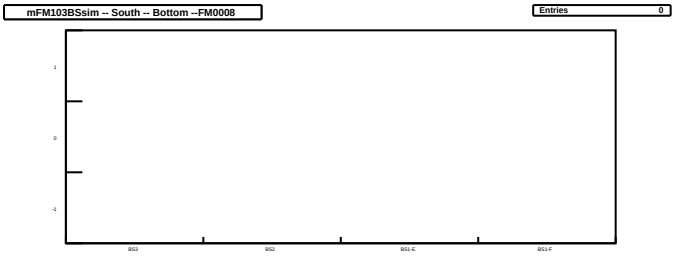
BS2
BS1-E
BS1-F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Entries 0
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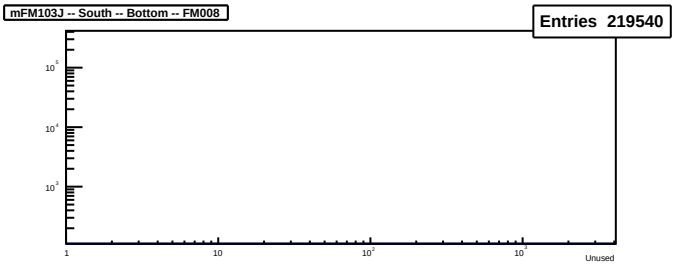
BS2
BS1-E
BS1-F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Entries 219540
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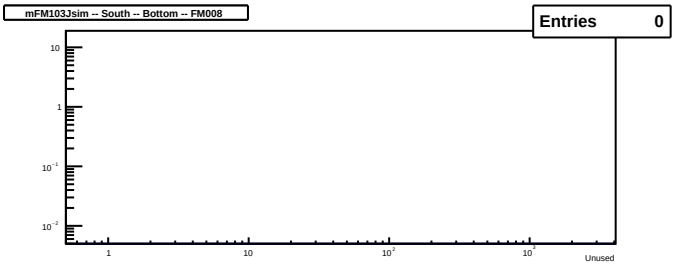
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Entries 0
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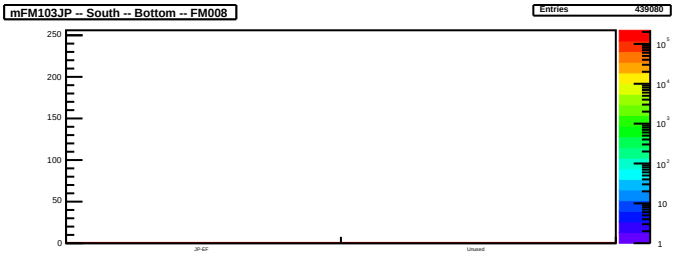
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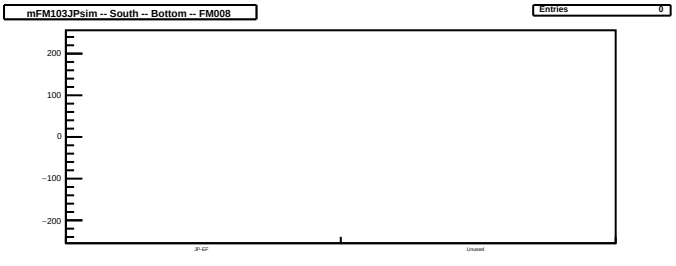
Entries 439080
JP-EF
Unused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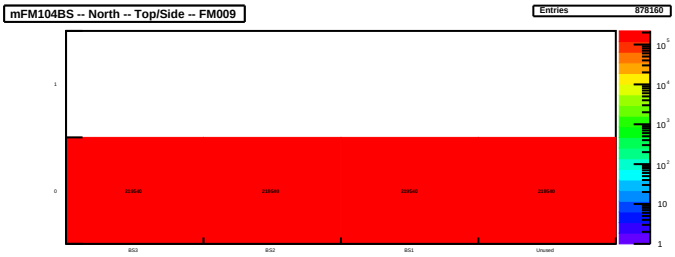
Entries 0
JP-EF
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 878160
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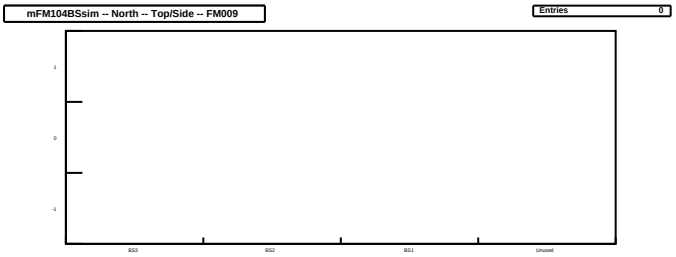
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Entries 0
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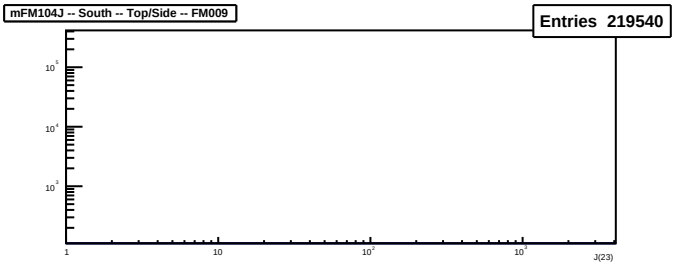
Unused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Entries 219540
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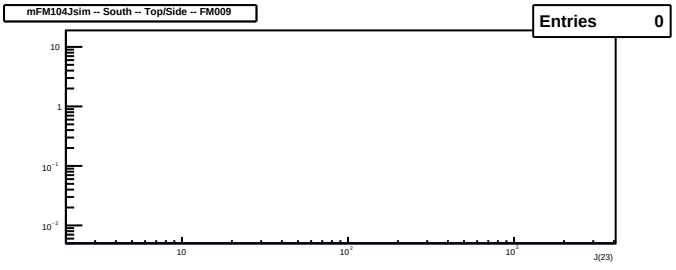
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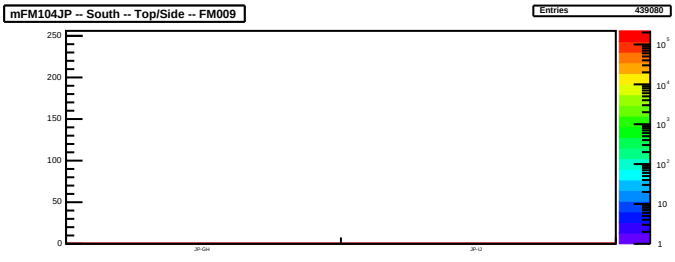
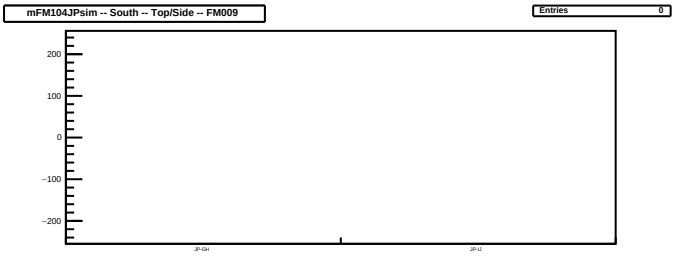
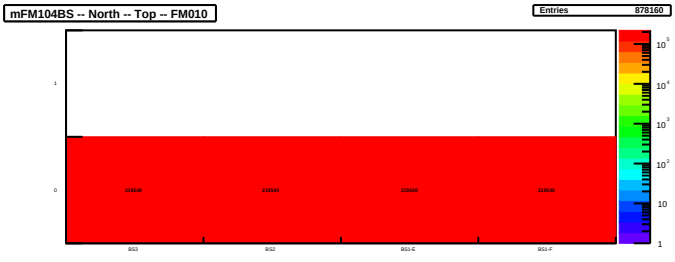
Entries 0
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 439080
JP-GH
JP-IJ


mFM104JPsim -- South -- Top/Side -- FM009
Entries 0
JP-GH
JP-IJ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Entries 878160
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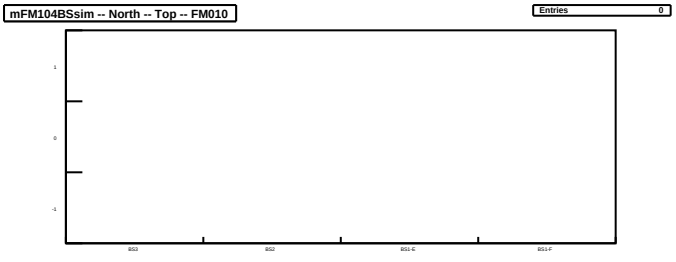
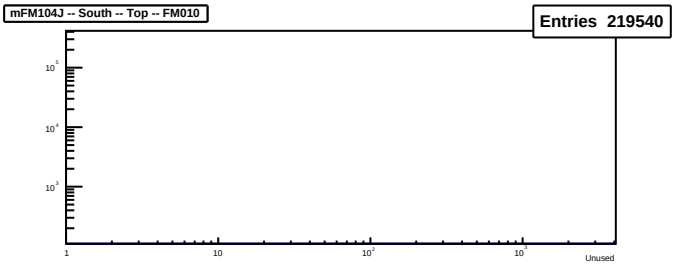
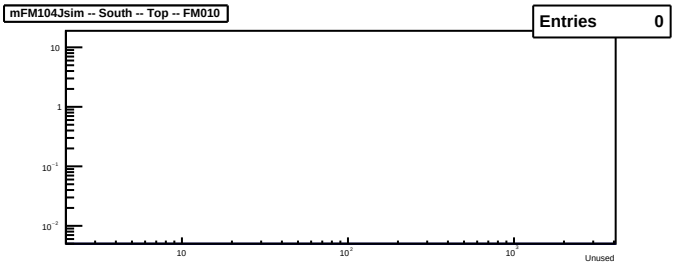
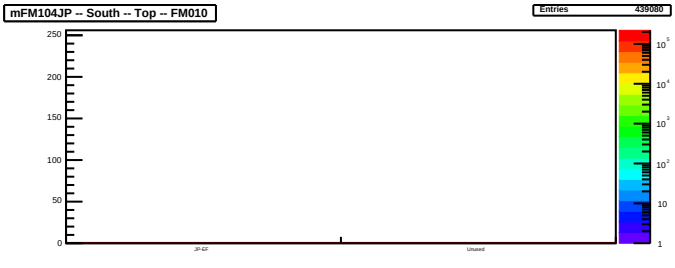
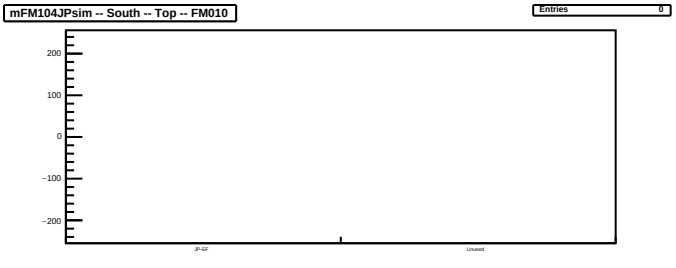
BS3
BS2
BS1-E
BS1-F

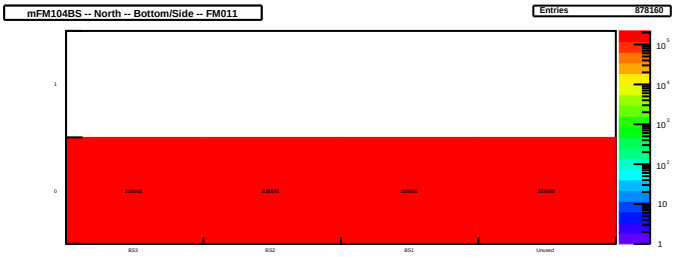

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

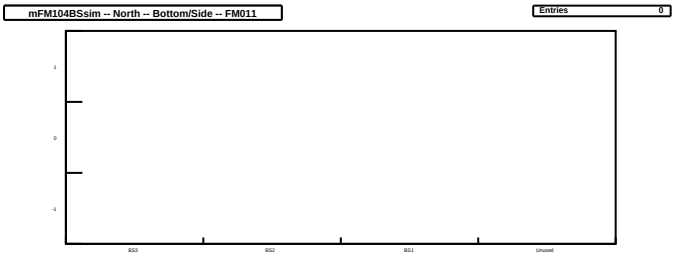

mFM104J -- South -- Top -- FM010
Entries 219540
Unused

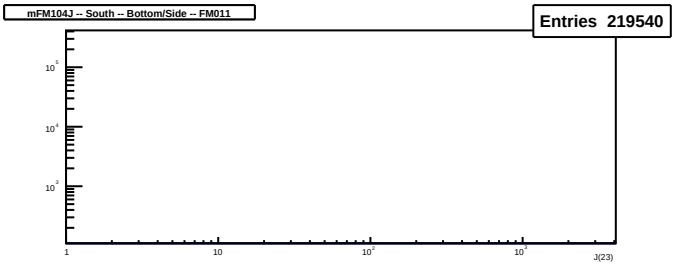

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

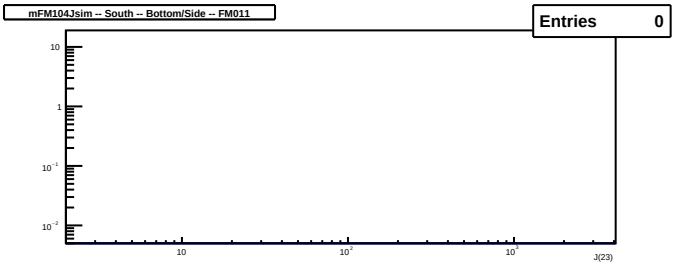

mFM104JP -- South -- Top -- FM010
Entries 439080
JP-EF
Unused

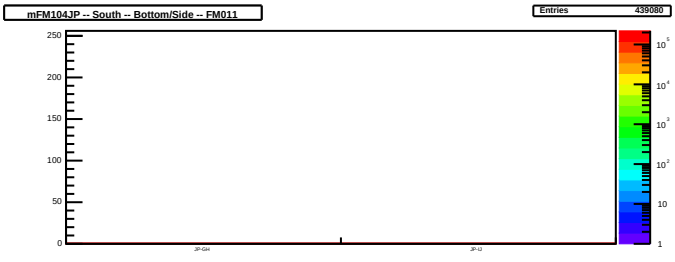

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

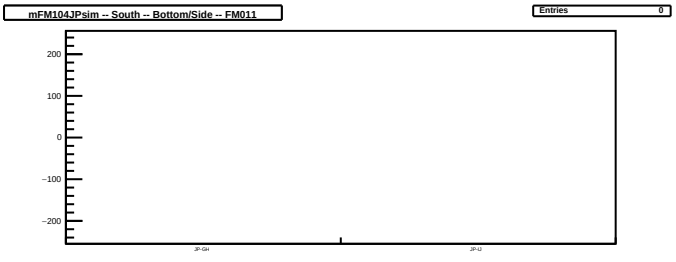

mFM104BS -- North -- Bottom/Side -- FM011
Entries 878160
219540
219540
219540
219540
BS3
BS2
BS1
Unused

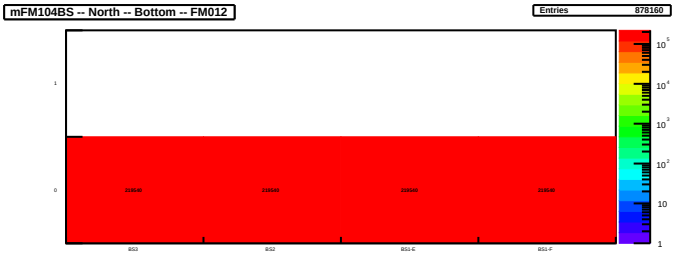

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

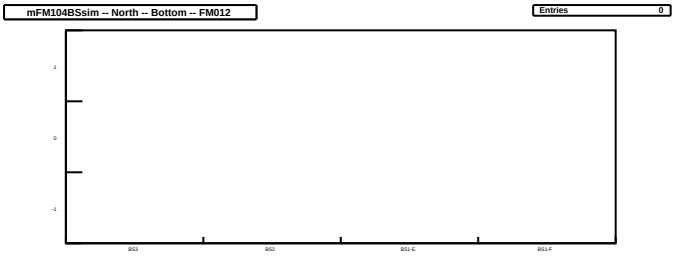

mFM104J -- South -- Bottom/Side -- FM011
Entries 219540
J(23)

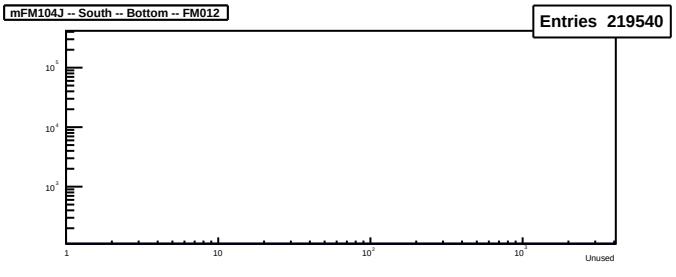

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

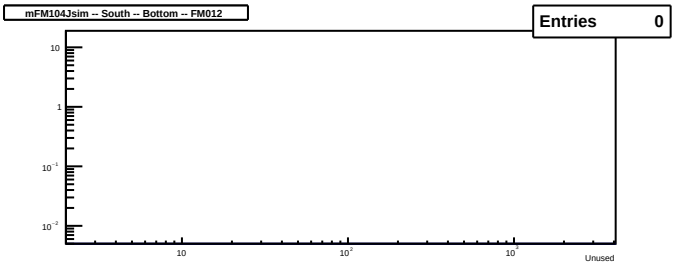

mFM104JP -- South -- Bottom/Side -- FM011
Entries 439080
JP-GH
JP-IJ


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


mFM104BS -- North -- Bottom -- FM012
Entries 878160
219540
219540
219540
219540
BS3
BS2
BS1-E
BS1-F

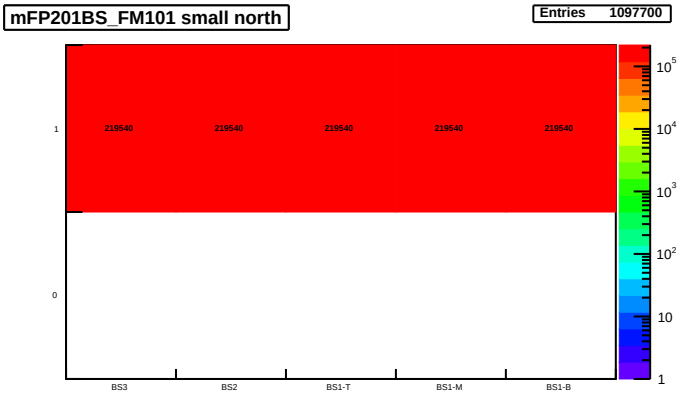

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

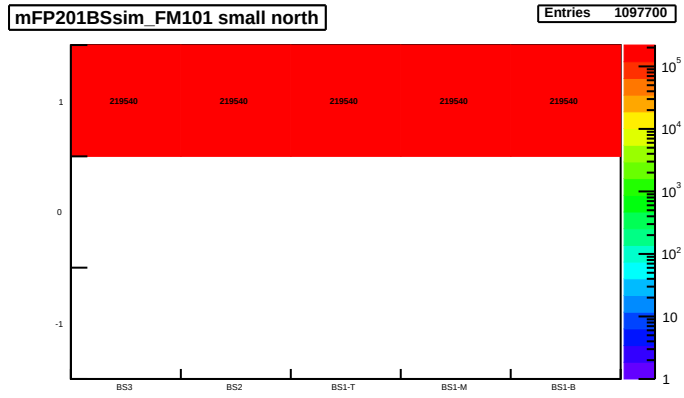

mFM104J -- South -- Bottom -- FM012
Entries 219540
Unused

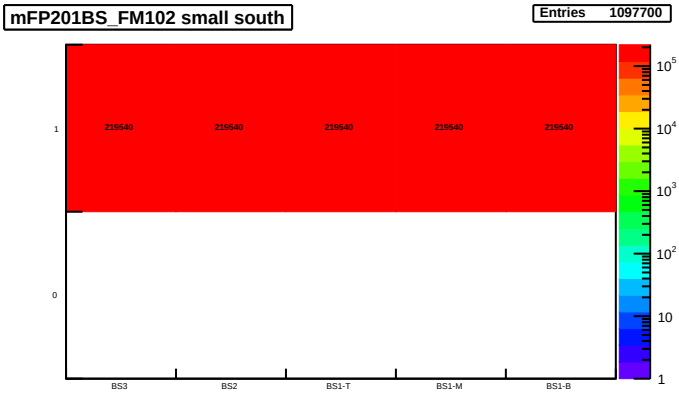

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

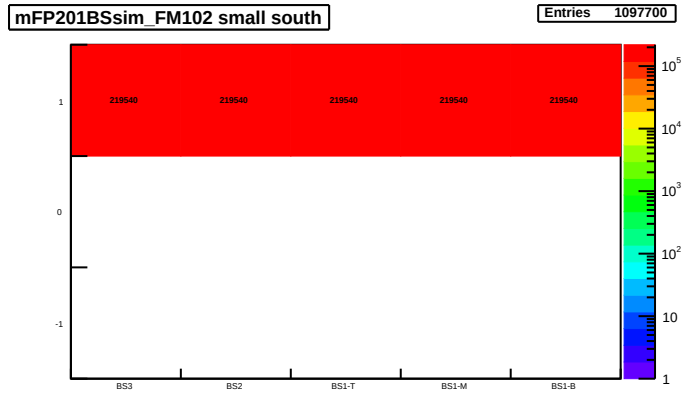
mFM104JP -- South -- Bottom -- FM012
Entries 439080
JP-EF
Unused

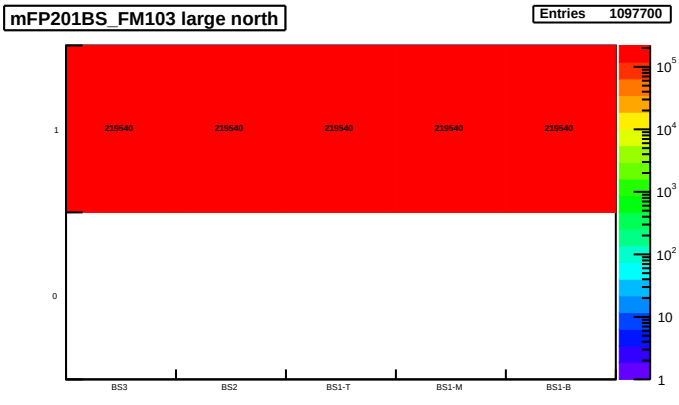
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

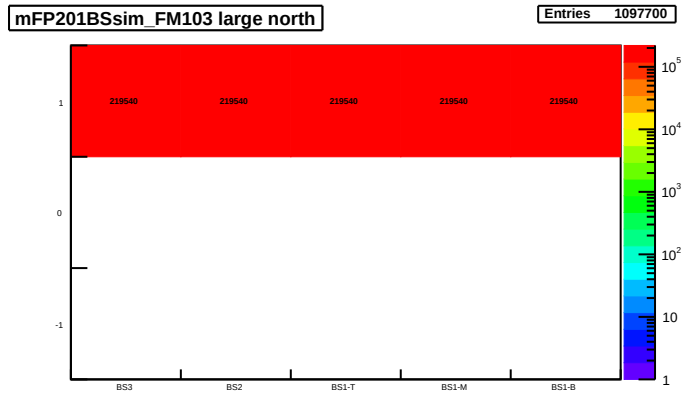

mFP201BS_FM101 small north
Entries 1097700
219540
BS3
BS2
BS1-T
BS1-M
BS1-B

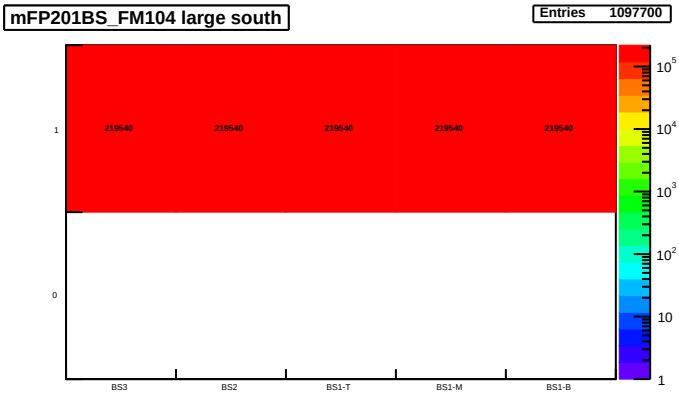

mFP201BSsim_FM101 small north
Entries 1097700
219540
BS3
BS2
BS1-T
BS1-M
BS1-B

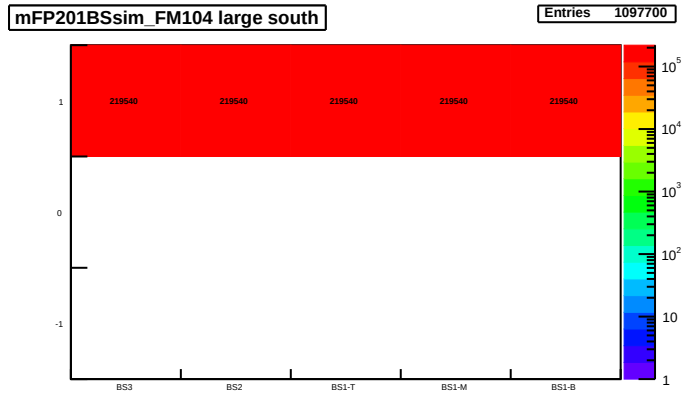

mFP201BS_FM102 small south
Entries 1097700
219540
BS3
BS2
BS1-T
BS1-M
BS1-B

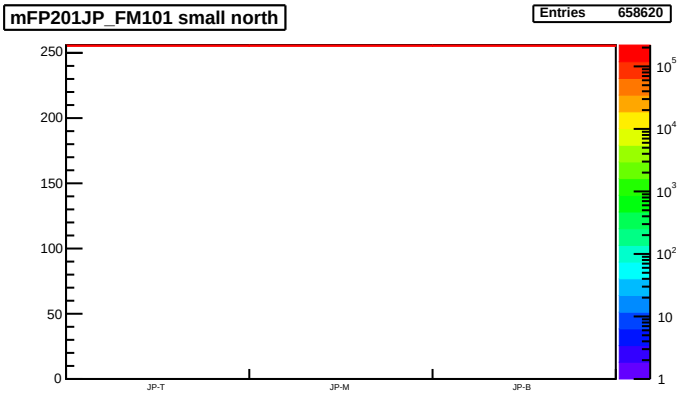

mFP201BSsim_FM102 small south
Entries 1097700
219540
BS3
BS2
BS1-T
BS1-M
BS1-B

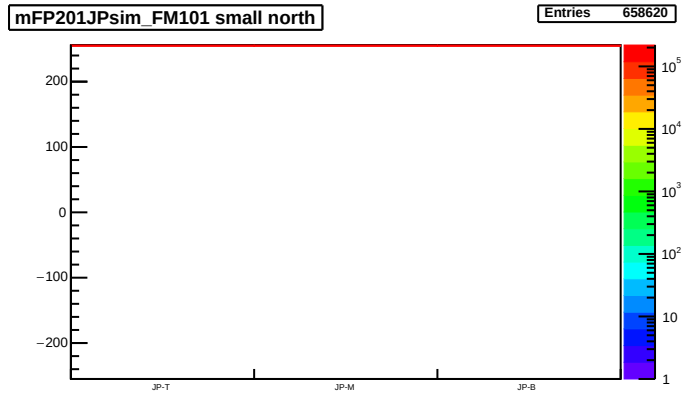

mFP201BS_FM103 large north
Entries 1097700
219540
BS3
BS2
BS1-T
BS1-M
BS1-B

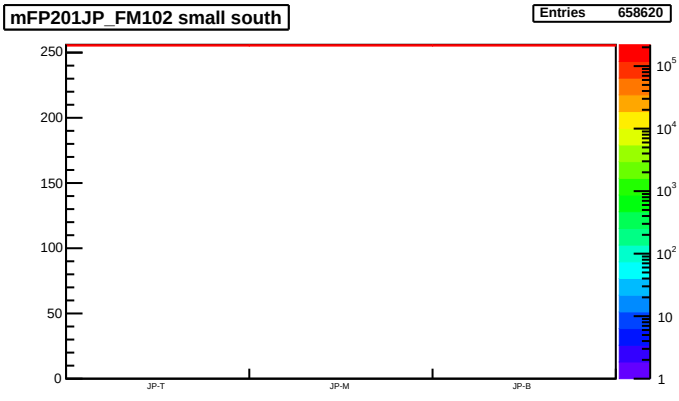

mFP201BSsim_FM103 large north
Entries 1097700
219540
BS3
BS2
BS1-T
BS1-M
BS1-B

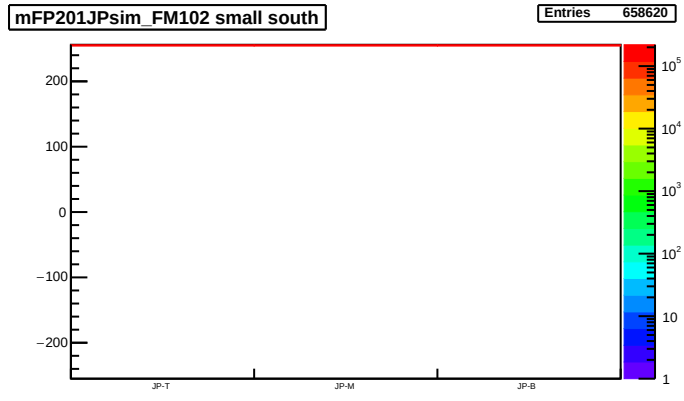

mFP201BS_FM104 large south
Entries 1097700
219540
BS3
BS2
BS1-T
BS1-M
BS1-B

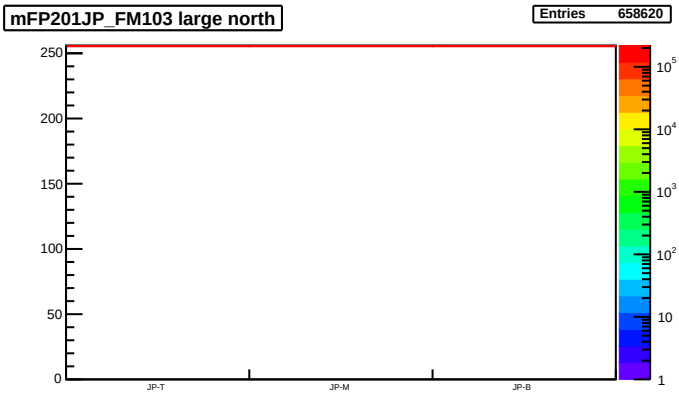

mFP201BSsim_FM104 large south
Entries 1097700
219540
BS3
BS2
BS1-T
BS1-M
BS1-B

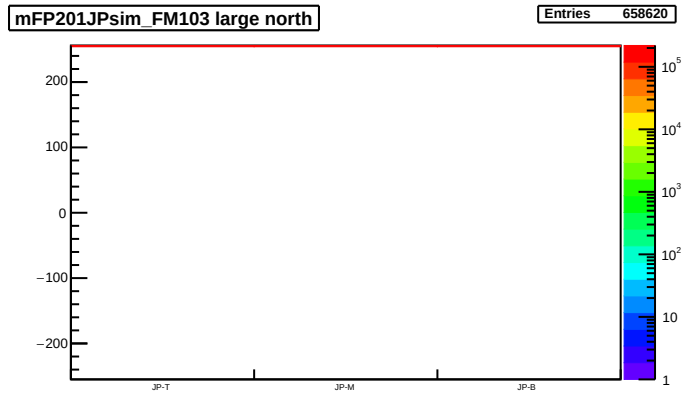

mFP201JP_FM101 small north
Entries 658620
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

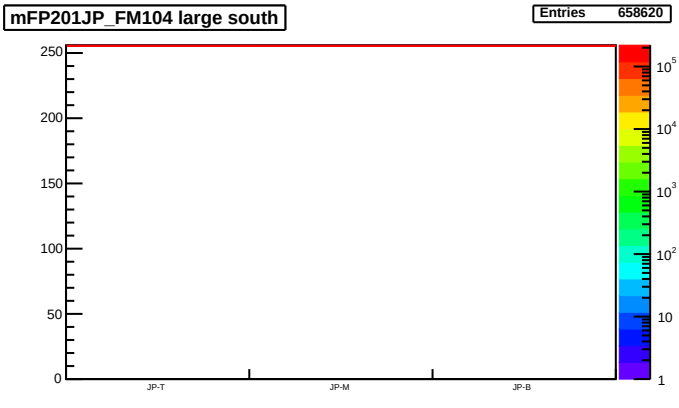

mFP201JPsim_FM101 small north
Entries 658620
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

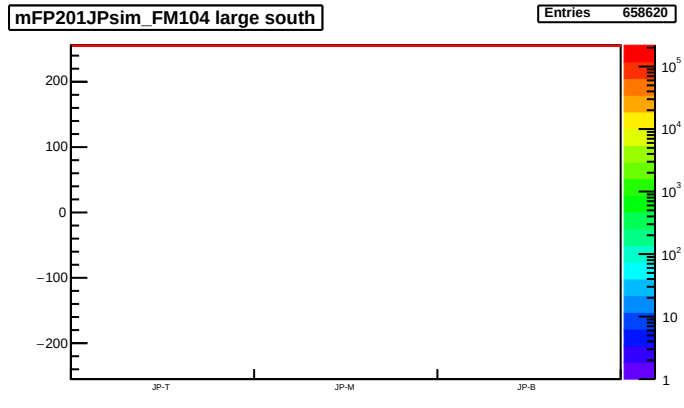

mFP201JP_FM102 small south
Entries 658620
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

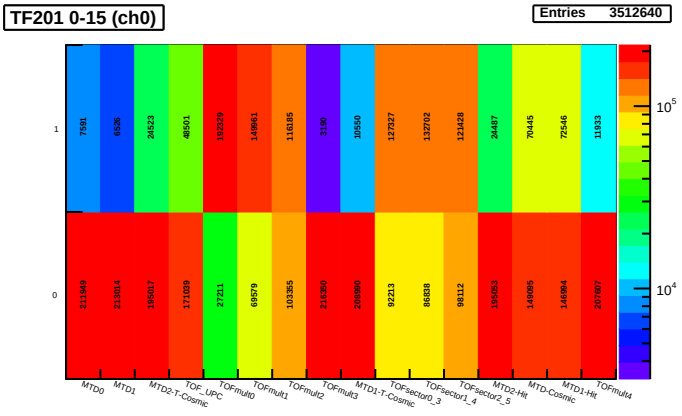

mFP201JPsim_FM102 small south
Entries 658620
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

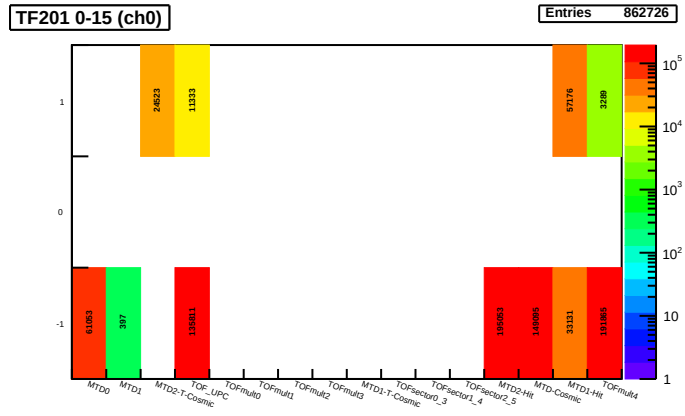

mFP201JP_FM103 large north
Entries 658620
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

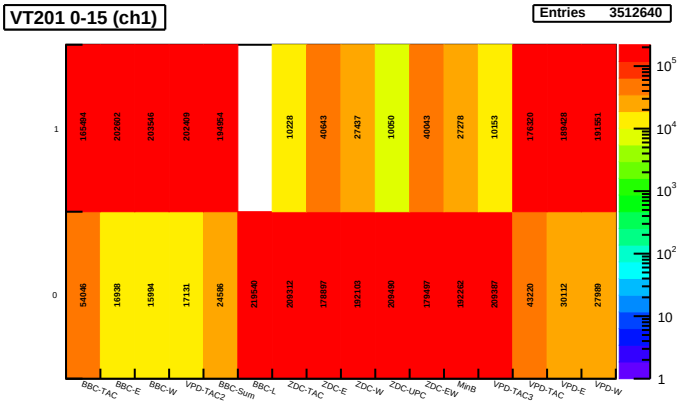

mFP201JPsim_FM103 large north
Entries 658620
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

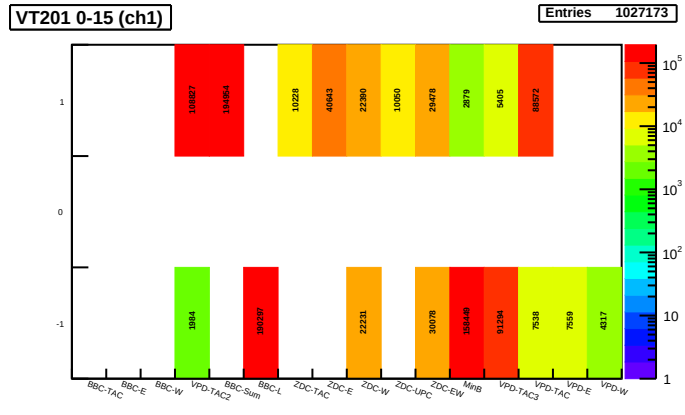

mFP201JP_FM104 large south
Entries 658620
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

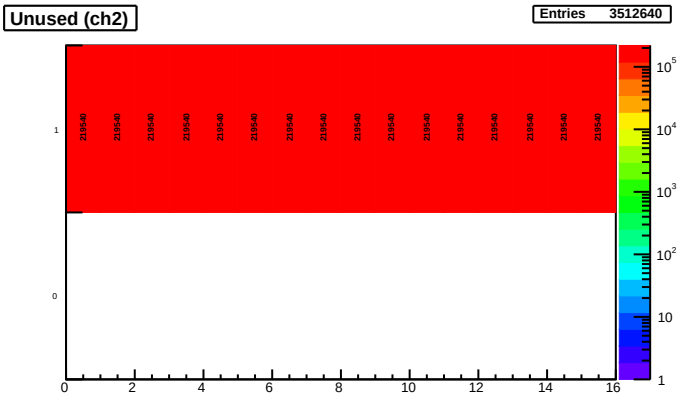

mFP201JPsim_FM104 large south
Entries 658620
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

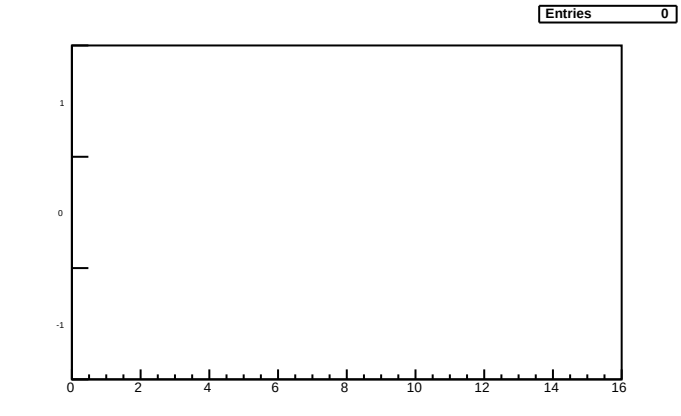

TF201 0-15 (ch0)
Entries 3512640
7591 6526 24523 48501 132229 149961 116185 3130 10950 127327 133702 121428 24487 70445 72546 11933
211949 213104 195017 171039 27211 69579 103355 216350 208900 92213 86538 98112 199563 149095 146984 207607
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

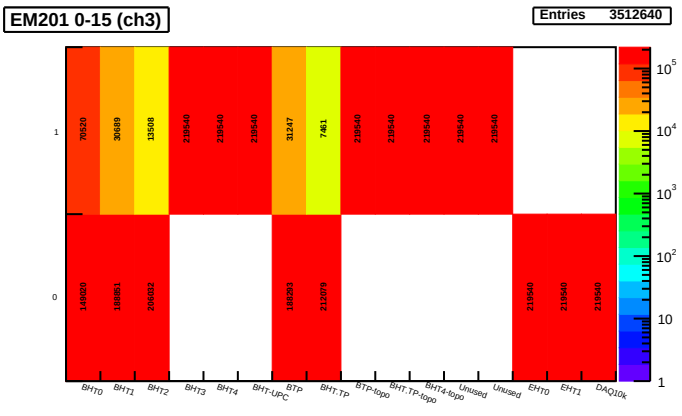

TF201 0-15 (ch0)
Entries 862726
24523 11333 57176 3289
61053 397 135811 199563 149095 33331 191865
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

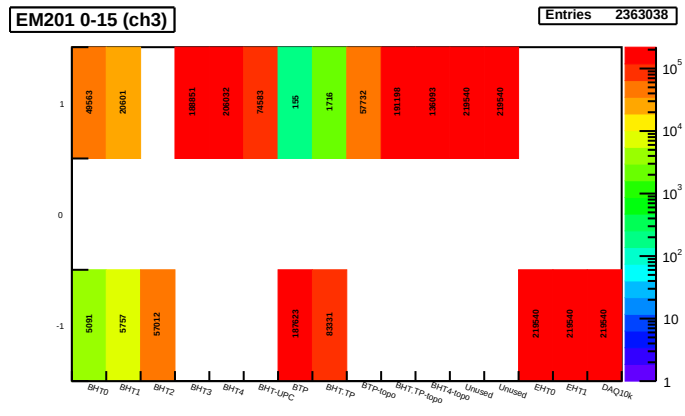

VT201 0-15 (ch1)
Entries 3512640
185484 202602 202566 202409 194064 10228 40643 27437 10050 40043 27278 10153 176320 189428 191351
54046 16938 15994 17131 24586 219540 209312 178897 192103 209490 179497 192262 209387 43220 30112 27980
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

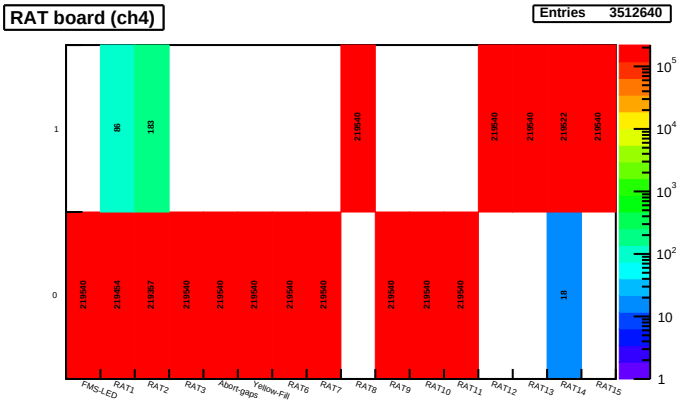

VT201 0-15 (ch1)
Entries 1027173
108827 194964 10228 40643 22390 10050 29478 2879 5405 83572
1984 190297 22231 30078 138449 91294 7538 7559 4317
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

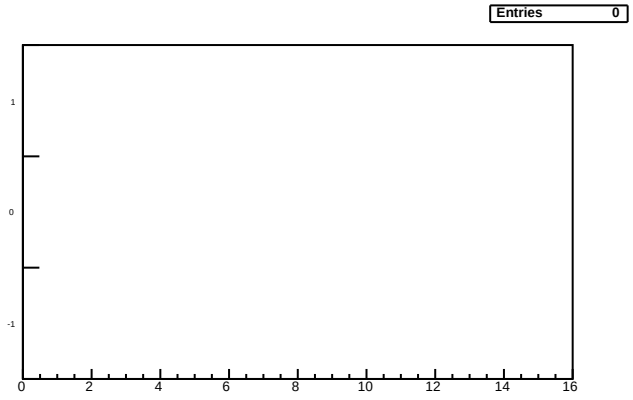

Unused (ch2)
Entries 3512640
219540 219540 219540 219540 219540 219540 219540 219540 219540 219540 219540 219540 219540 219540 219540 219540

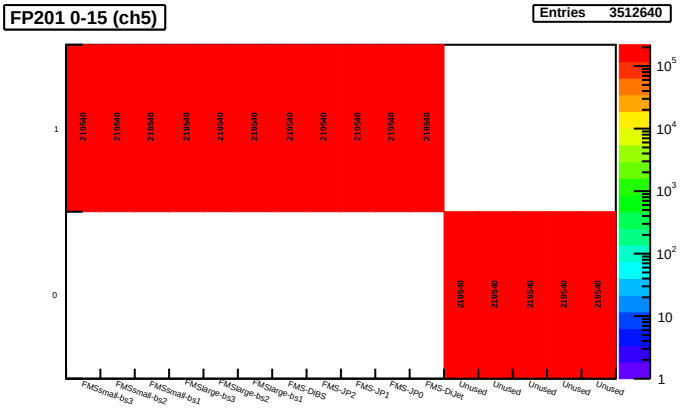

Entries 0

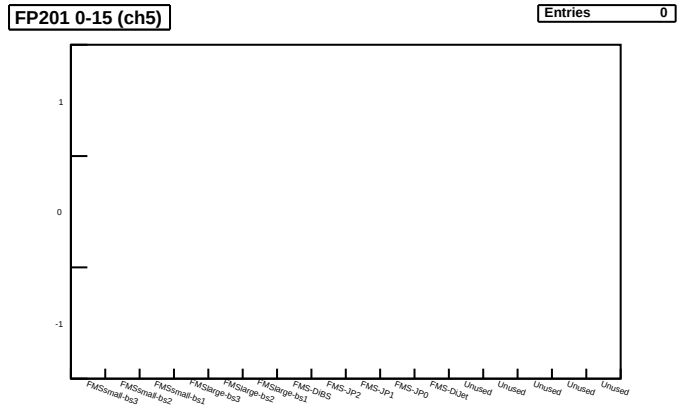

EM201 0-15 (ch3)
Entries 3512640
70520 30689 13508 219540 219540 219540 31247 7461 219540 219540 219540 219540 219540
149020 188851 206032 188283 212079 219540 219540 219540
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k


EM201 0-15 (ch3)
Entries 2363038
49563 20601 188851 206032 74583 135 1716 57732 191198 136093 219540 219540
50991 57757 57012 137623 83331 219540 219540 219540
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 3512640
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 3512640
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
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FMSsmall-bs2
FMSsmall-bs1
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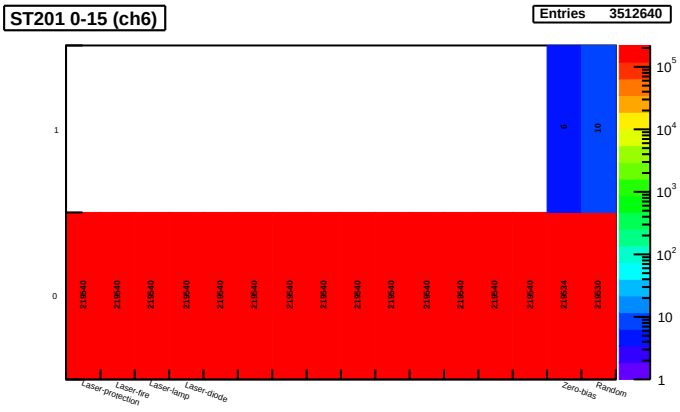
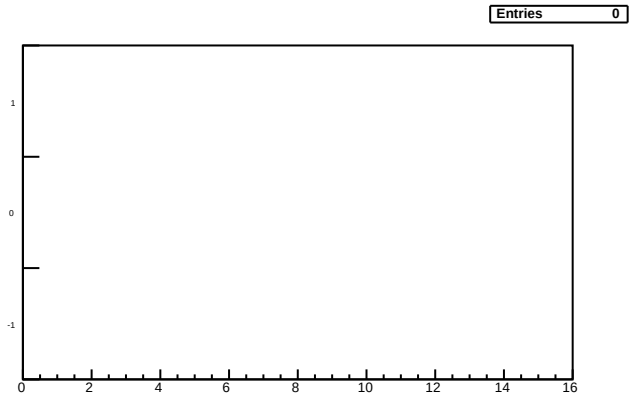
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


ST201 0-15 (ch6)
Entries 3512640
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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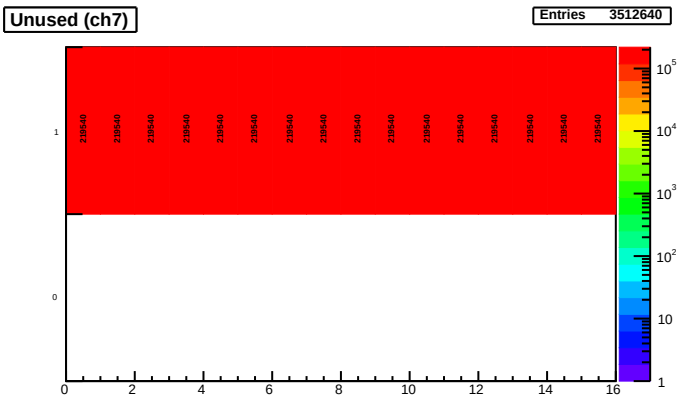
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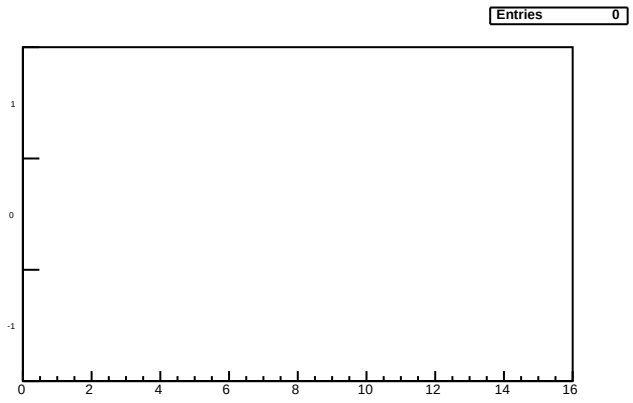
Entries 0