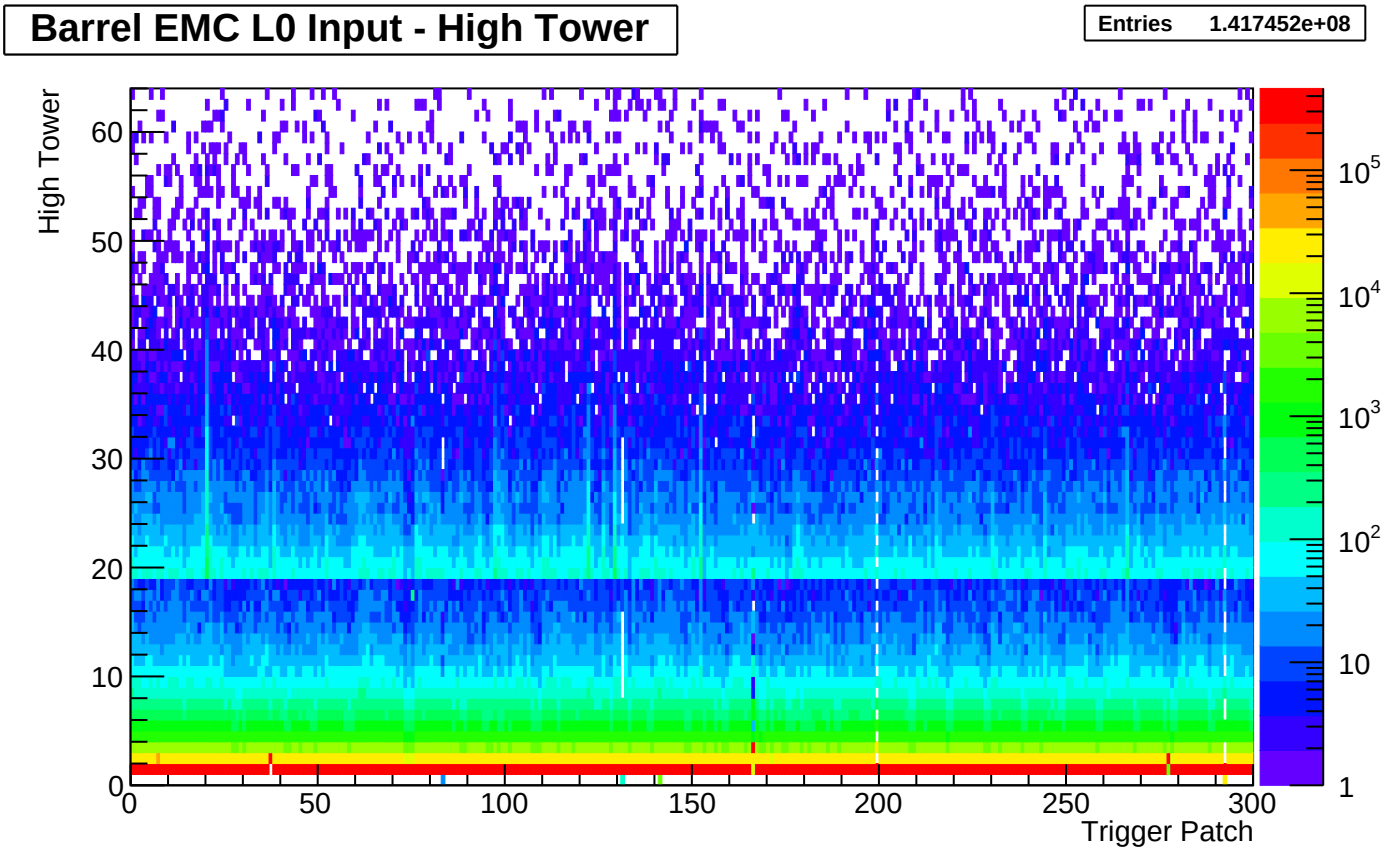
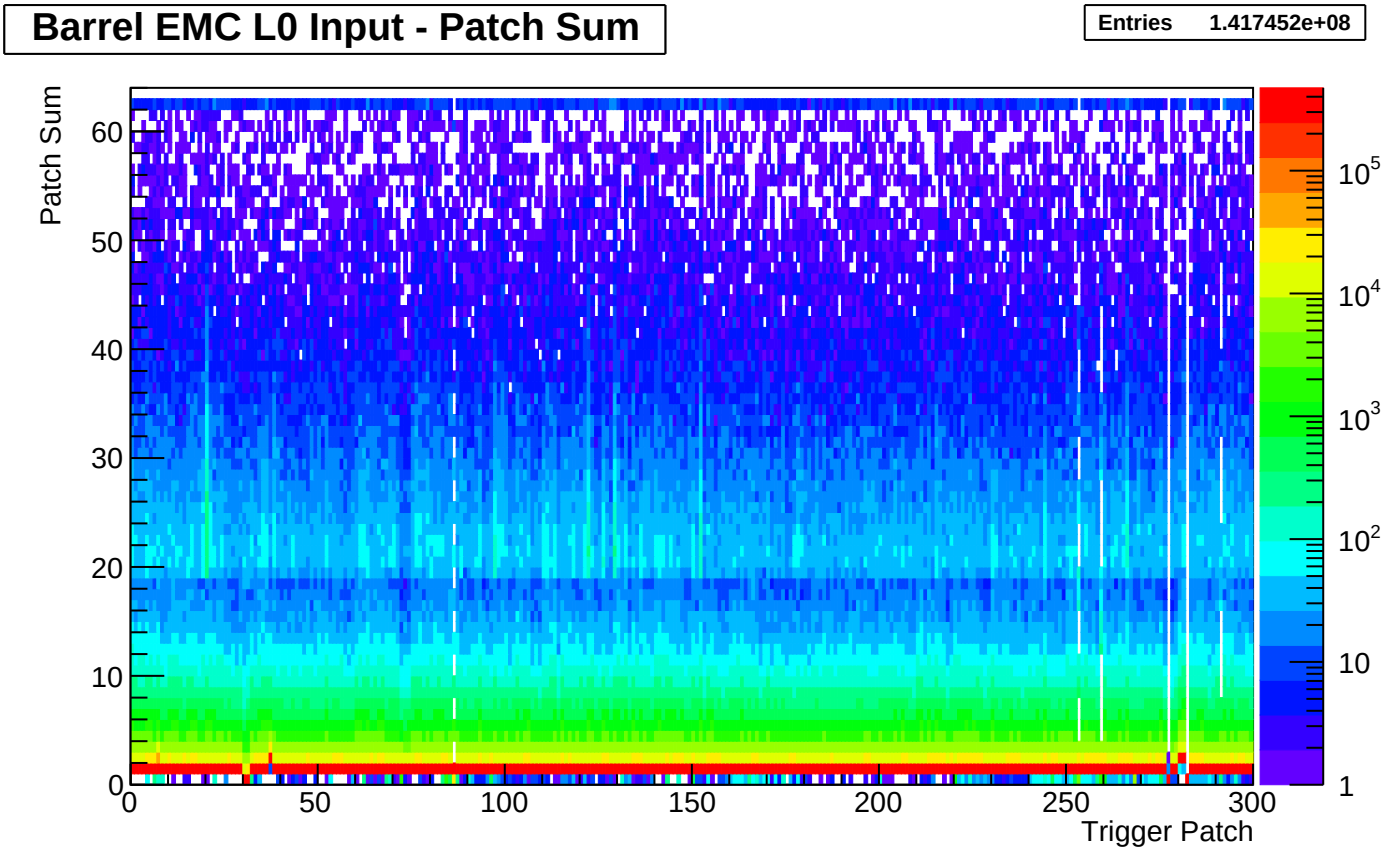
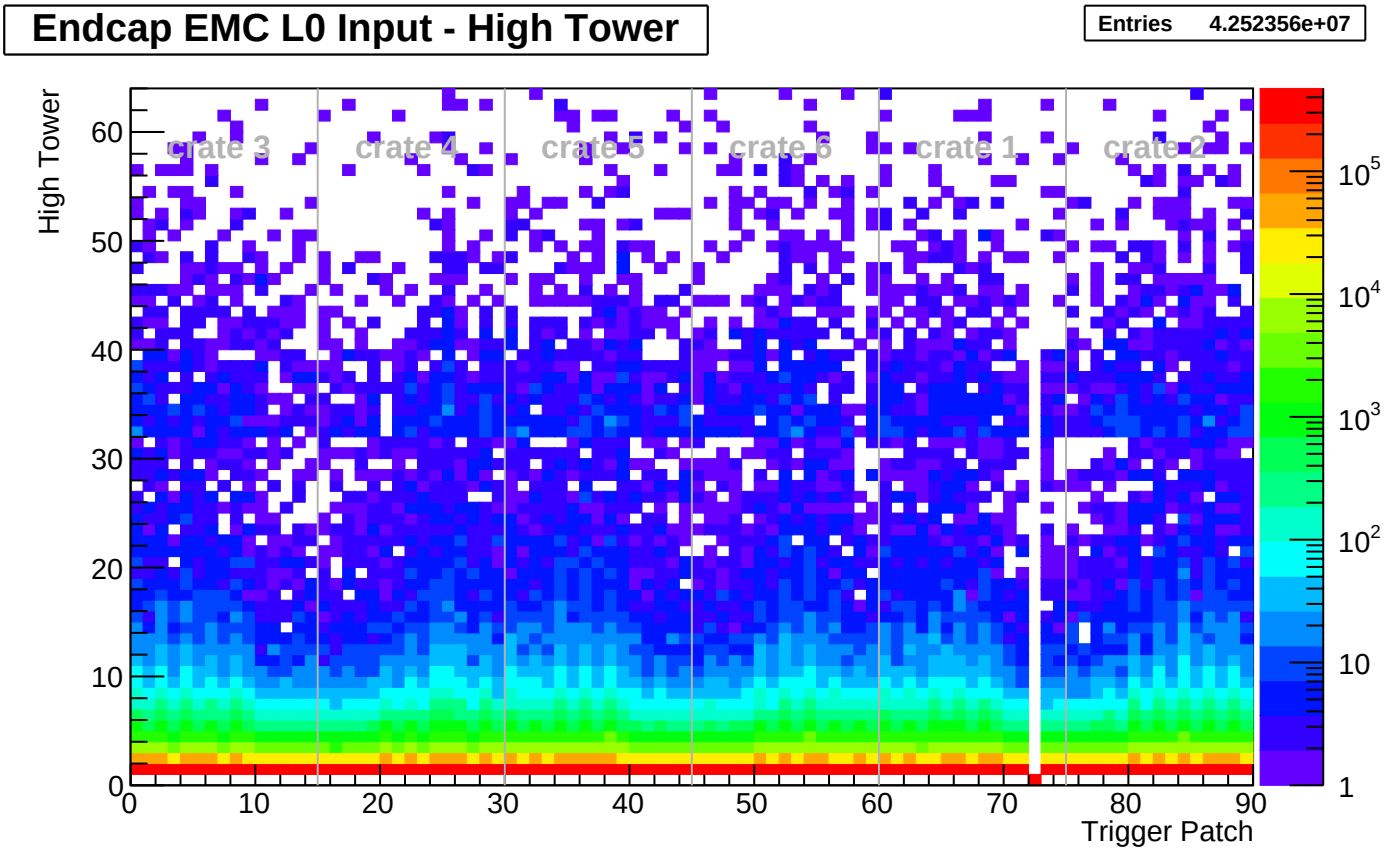
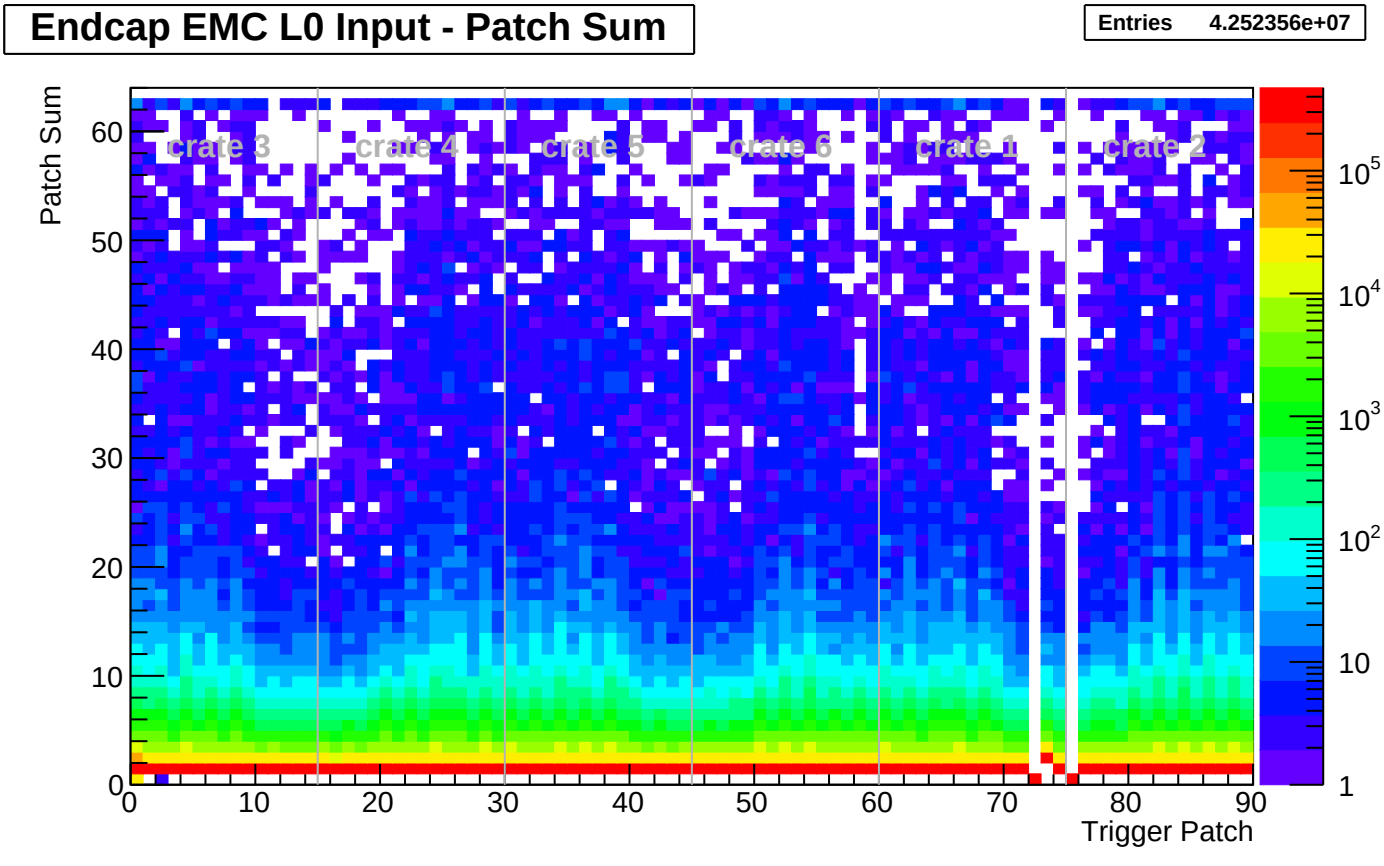
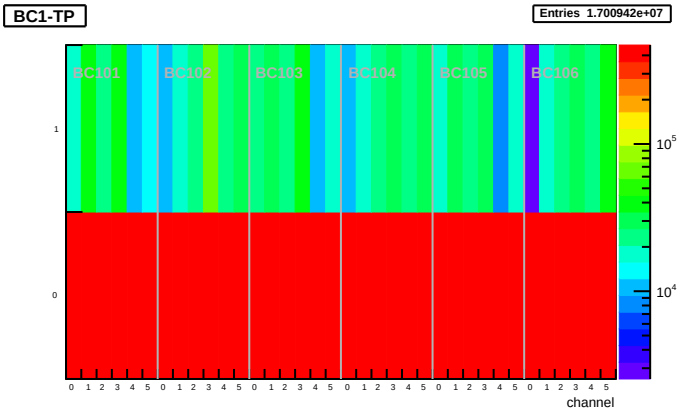
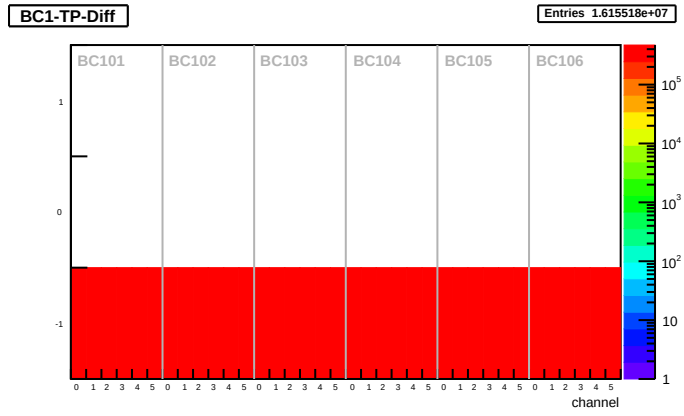

Barrel EMC L0 Input - High Tower
Entries 1.417452e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

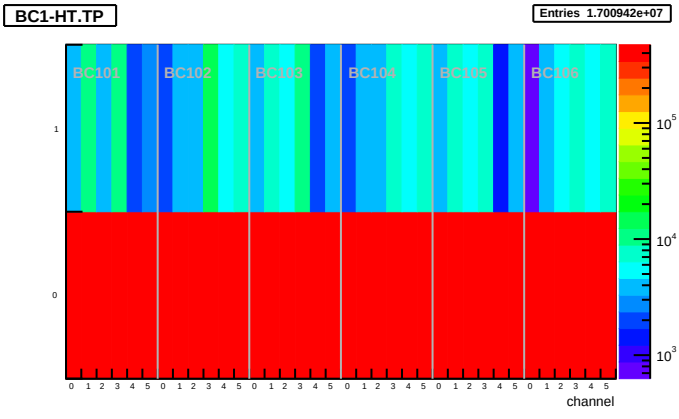

Barrel EMC L0 Input - Patch Sum
Entries 1.417452e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

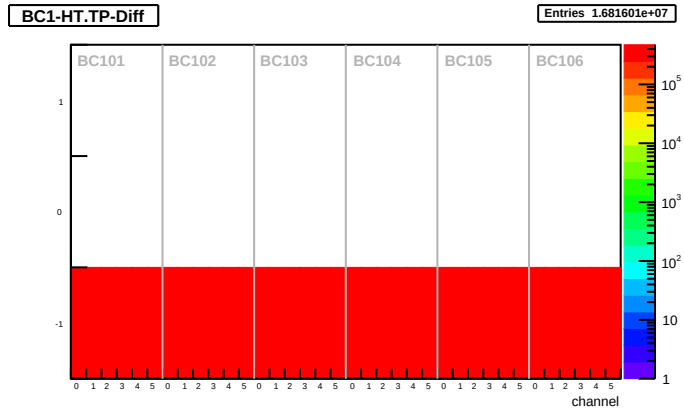

Endcap EMC L0 Input - High Tower
Entries 4.252356e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

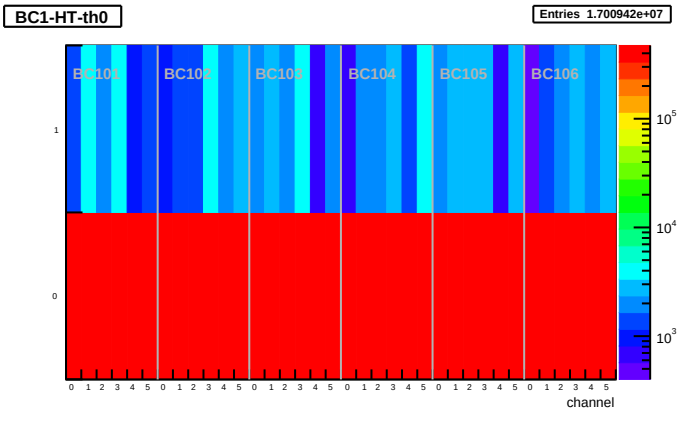

Endcap EMC L0 Input - Patch Sum
Entries 4.252356e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

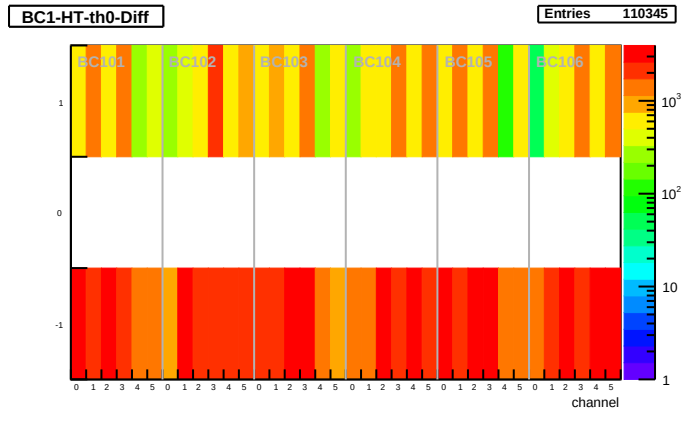

BC1-TP
Entries 1.700942e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

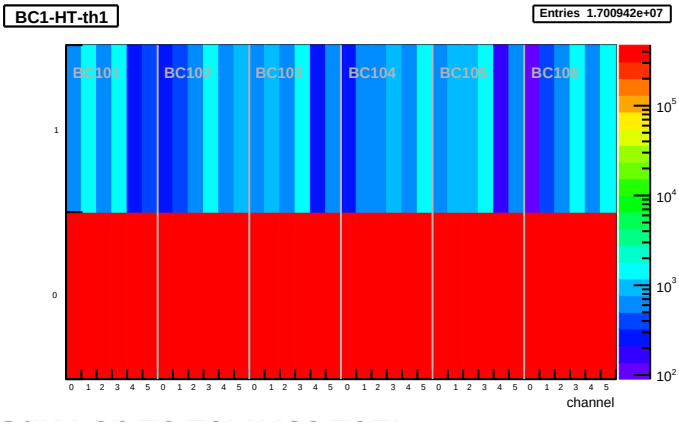

BC1-TP-Diff
Entries 1.615518e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

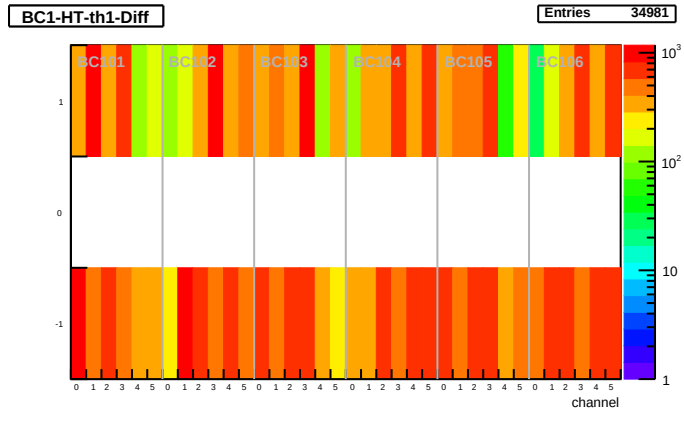

BC1-HT.TP
Entries 1.700942e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

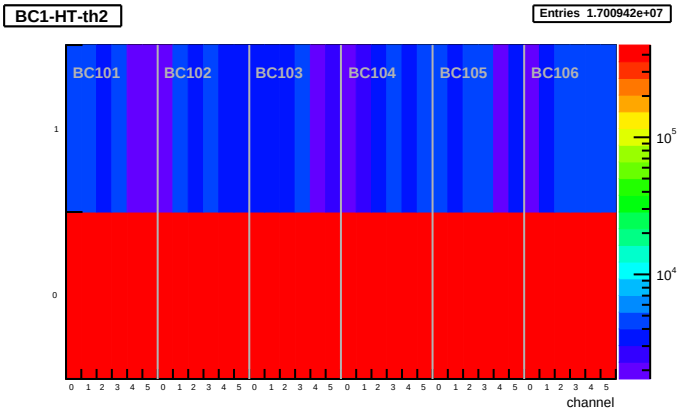

BC1-HT.TP-Diff
Entries 1.681601e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

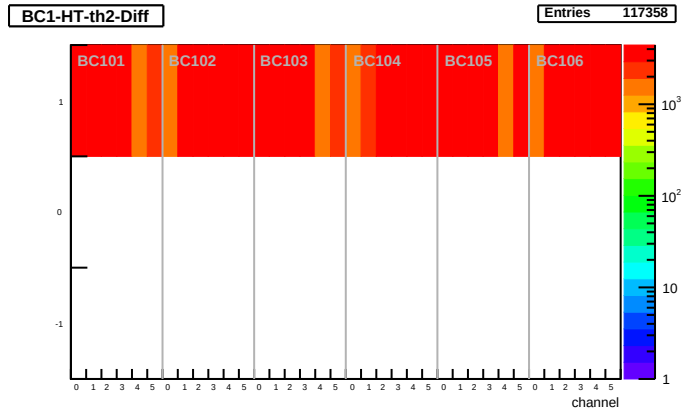

BC1-HT-th0
Entries 1.700942e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

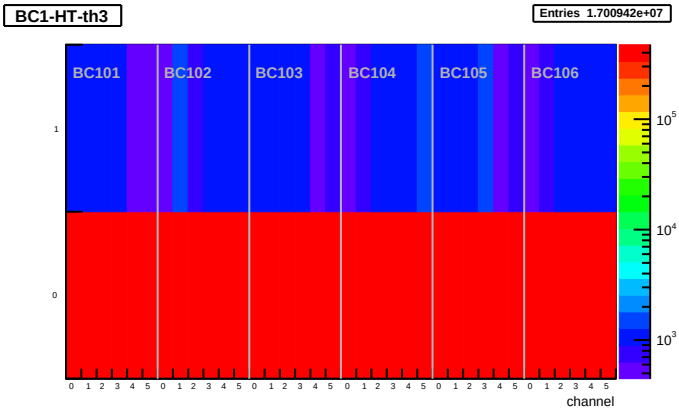

BC1-HT-th0-Diff
Entries 110345
BC101
BC102
BC103
BC104
BC105
BC106
channel

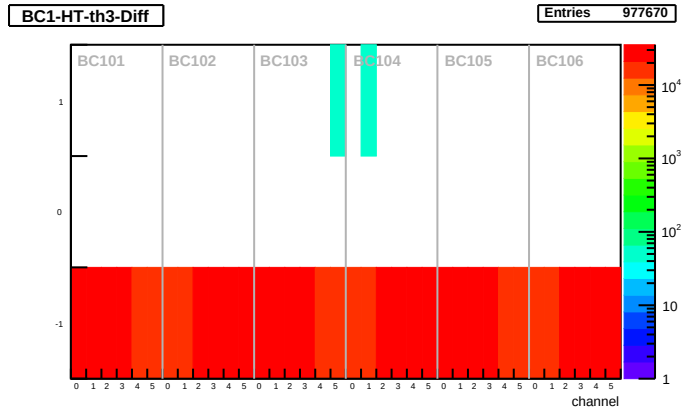

BC1-HT-th1
Entries 1.700942e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

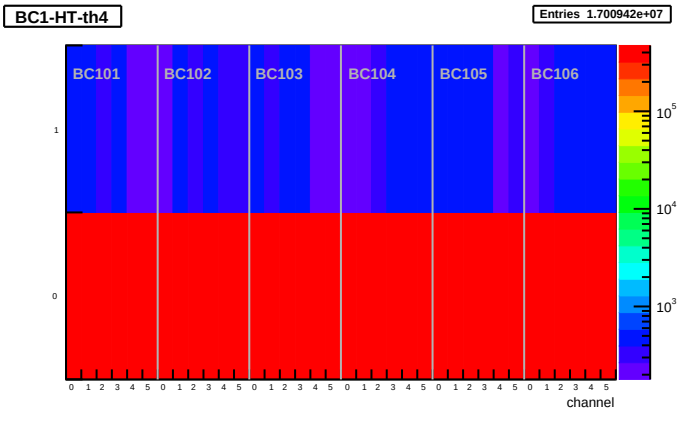

BC1-HT-th1-Diff
Entries 34981
BC101
BC102
BC103
BC104
BC105
BC106
channel

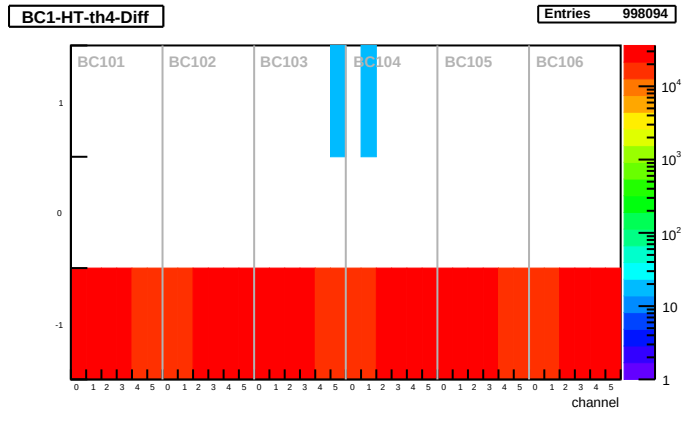

BC1-HT-th2
Entries 1.700942e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

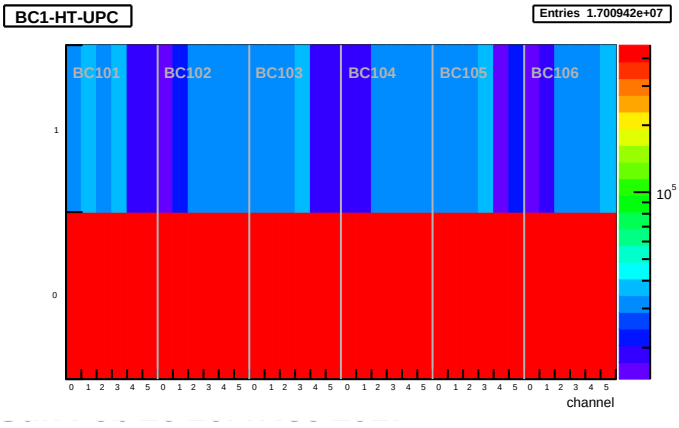

BC1-HT-th2-Diff
Entries 117358
BC101
BC102
BC103
BC104
BC105
BC106
channel

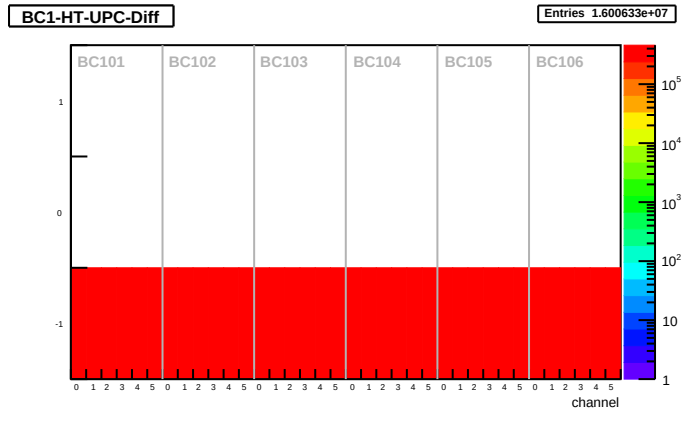

BC1-HT-th3
Entries 1.700942e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

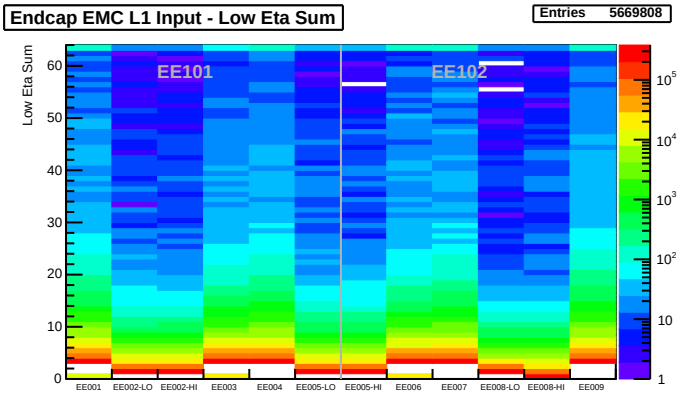

BC1-HT-th3-Diff
Entries 977670
BC101
BC102
BC103
BC104
BC105
BC106
channel

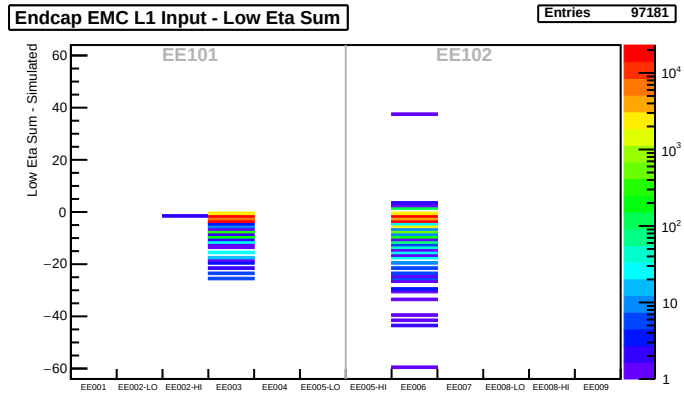

BC1-HT-th4
Entries 1.700942e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

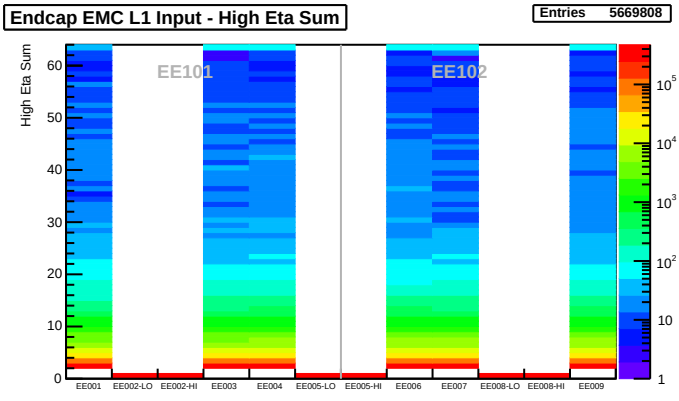

BC1-HT-th4-Diff
Entries 998094
BC101
BC102
BC103
BC104
BC105
BC106
channel

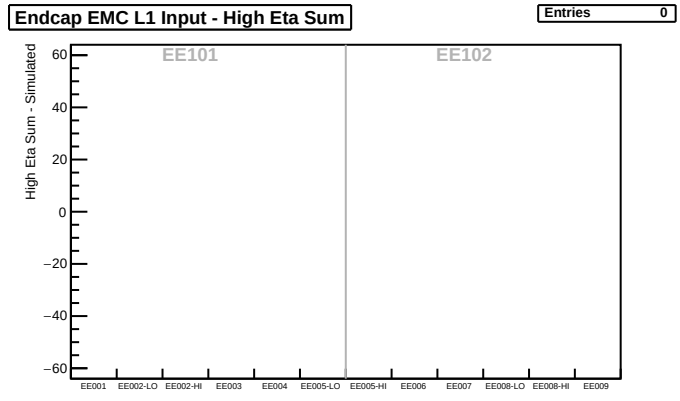

BC1-HT-UPC
Entries 1.700942e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

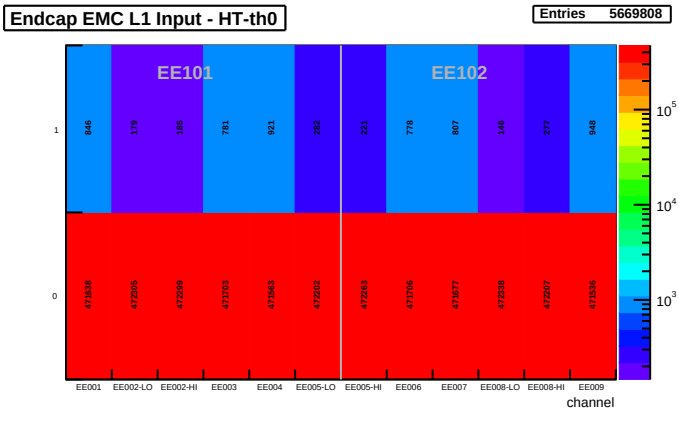

BC1-HT-UPC-Diff
Entries 1.600633e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

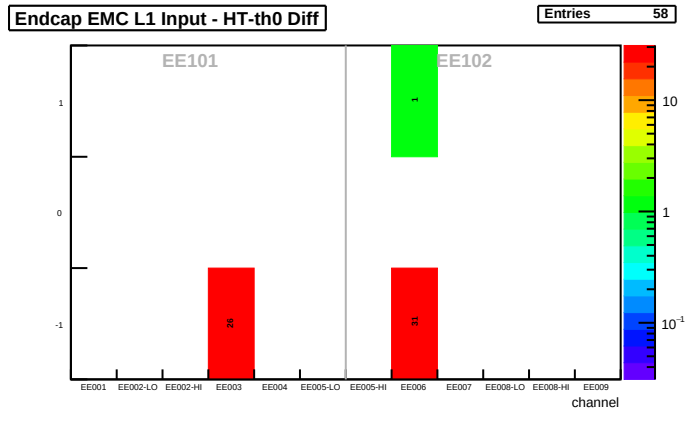

Endcap EMC L1 Input - Low Eta Sum
Entries 5669808
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

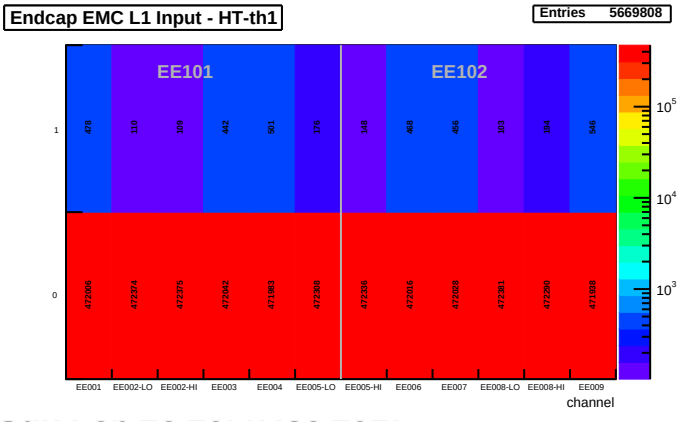

Endcap EMC L1 Input - Low Eta Sum
Entries 97181
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

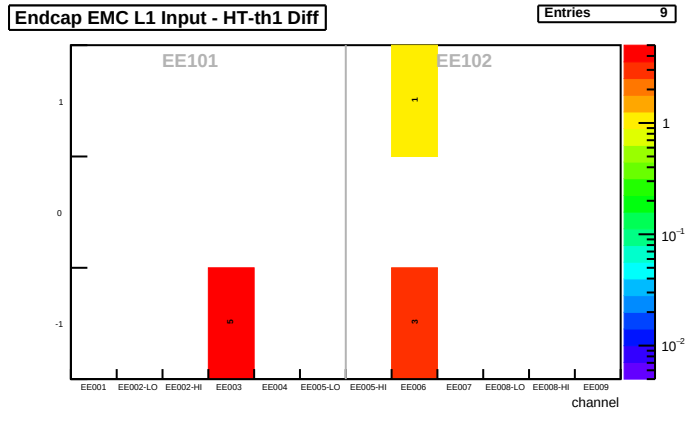

Endcap EMC L1 Input - High Eta Sum
Entries 5669808
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

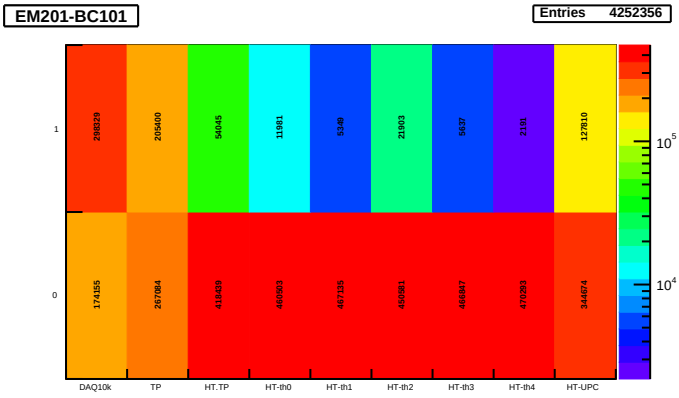

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

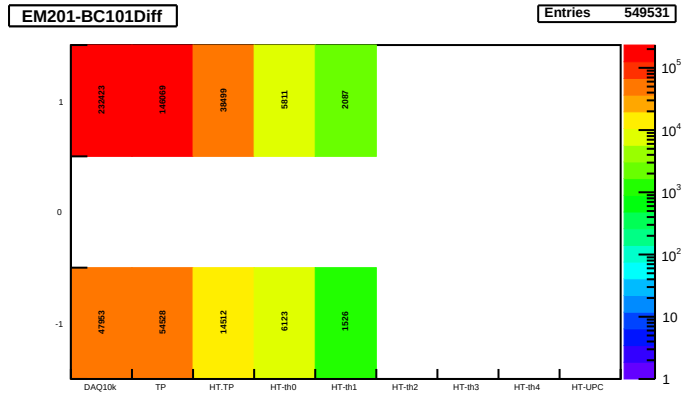

Endcap EMC L1 Input - HT-th0
Entries 5669808
EE101
EE102
channel

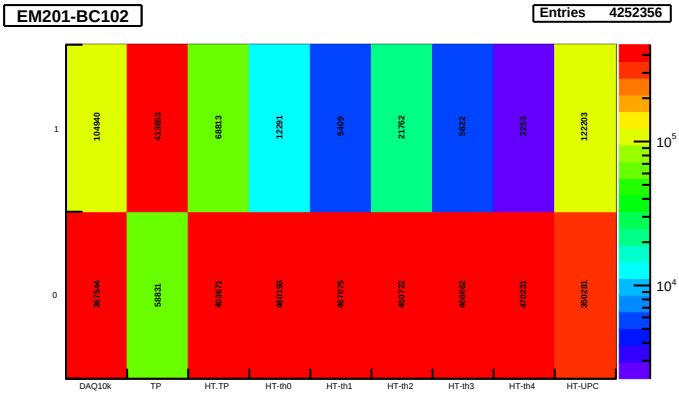

Endcap EMC L1 Input - HT-th0 Diff
Entries 58
EE101
EE102
channel

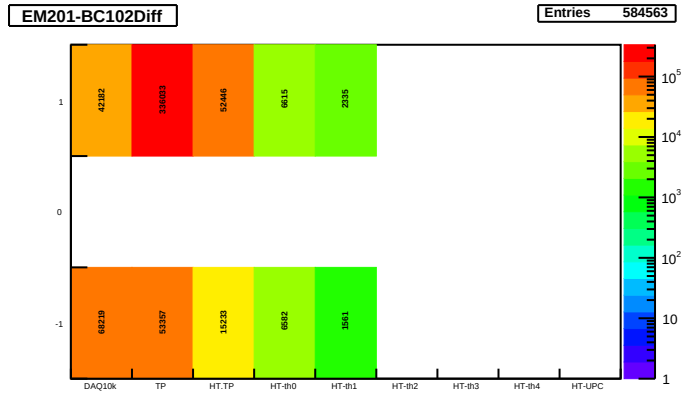

Endcap EMC L1 Input - HT-th1
Entries 5669808
EE101
EE102
channel

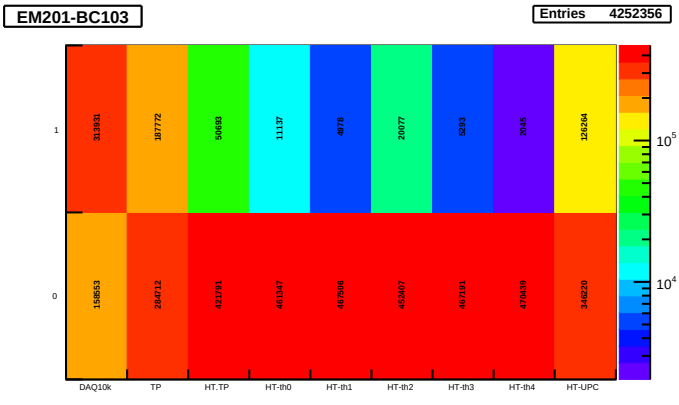

Endcap EMC L1 Input - HT-th1 Diff
Entries 9
EE101
EE102
channel

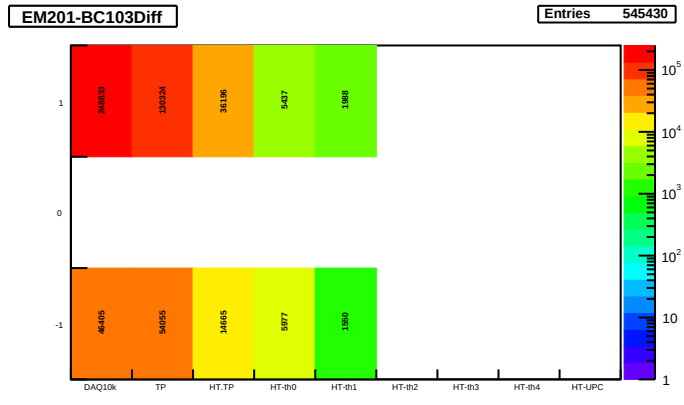

EM201-BC101
Entries 4252356
1
0
298329
205400
54045
11981
5349
21903
5637
2191
127810
174155
267084
418439
466903
467135
459831
466947
470293
344674
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4

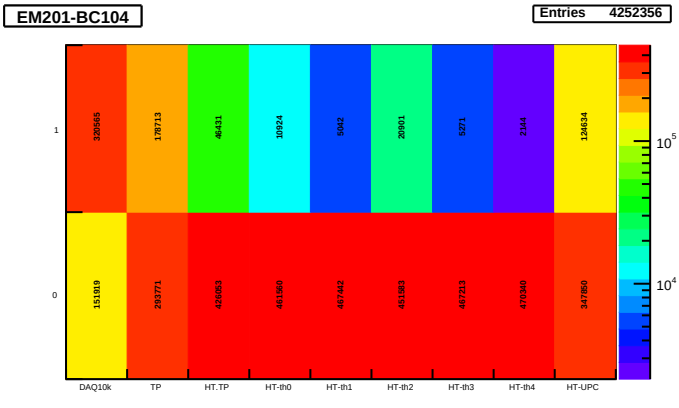

EM201-BC101Diff
Entries 549531
1
0
-1
232423
146869
39499
5811
2097
47953
54528
14312
6123
1526
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

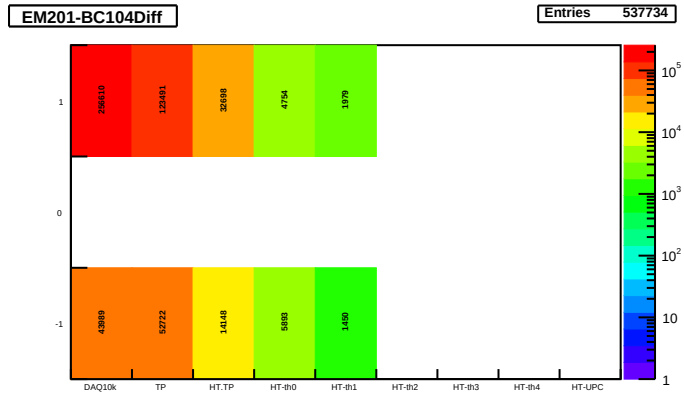

EM201-BC102
Entries 4252356
1
0
104940
413653
68813
12291
5409
21762
5822
2253
122293
367544
58831
403671
460183
467075
450722
466682
470231
350281
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC102Diff
Entries 584563
1
0
-1
42182
336033
52446
6615
2335
68219
53357
15233
6582
1561
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

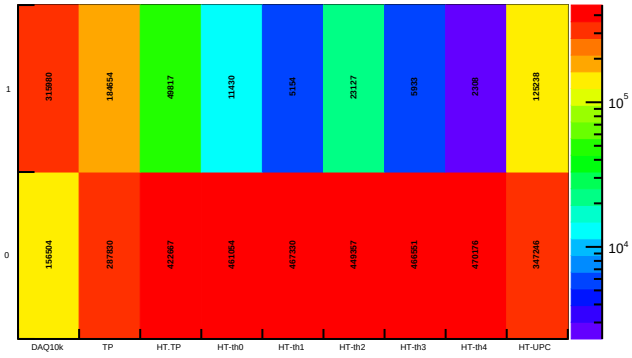

EM201-BC103
Entries 4252356
1
0
313931
187772
50693
11137
4978
20977
5293
2045
126264
158553
284712
421791
463347
467506
453407
467191
470439
346220
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC103Diff
Entries 545430
1
0
-1
248833
130324
36196
5437
1988
46405
54055
14665
5977
1560
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

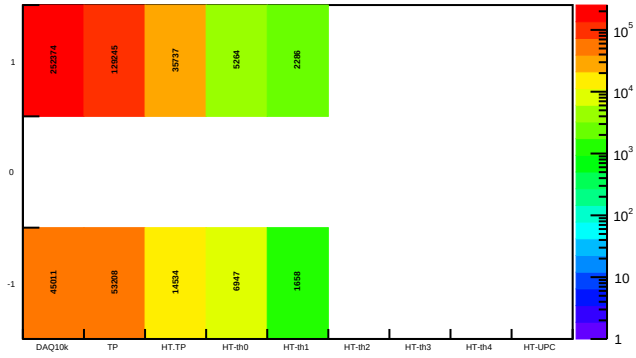

EM201-BC104
Entries 4252356
1
0
320565
178713
46431
10924
5042
20901
5271
2144
124634
151019
293771
426653
461980
467442
451983
467213
470340
347850
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC104Diff
Entries 537734
1
0
-1
256610
123491
32698
4754
1979
43939
52722
14148
5893
1450
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

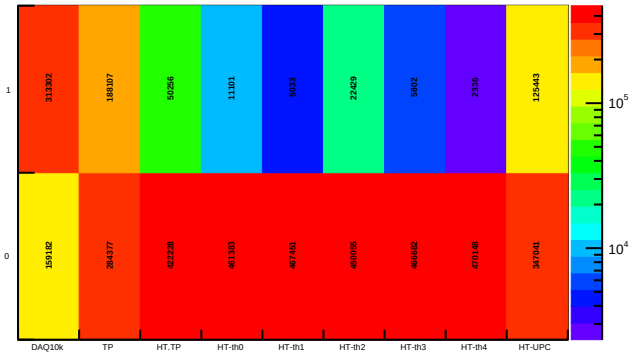
EM201-BC105 Entries 4252356



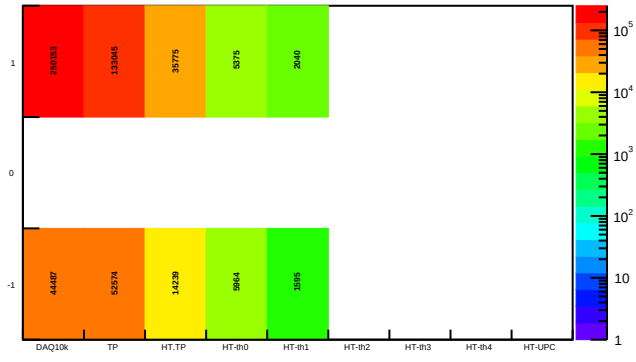
EM201-BC105Diff Entries 546264



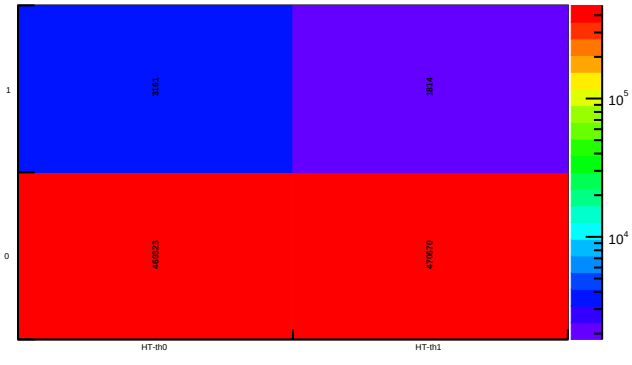
EM201-BC106 Entries 4252356



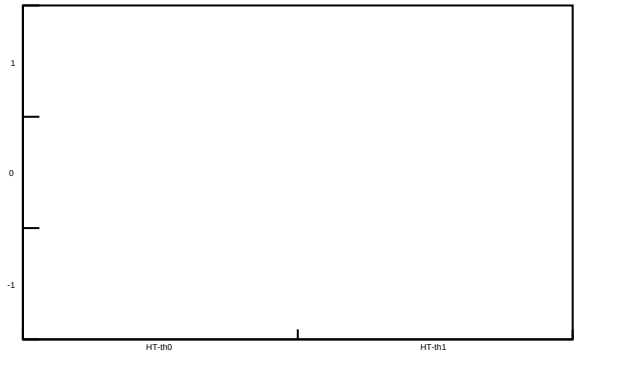
EM201-BC106Diff Entries 545247



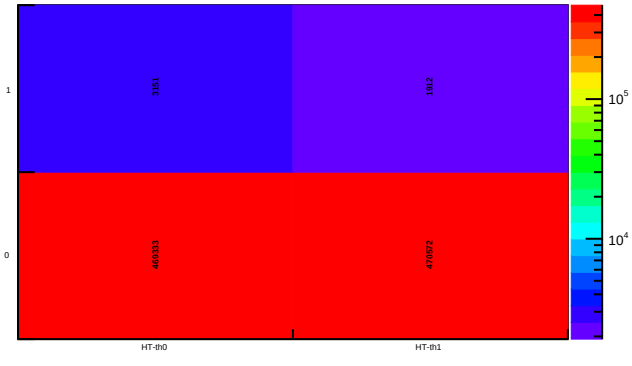
EM201-EE101 Entries 944968



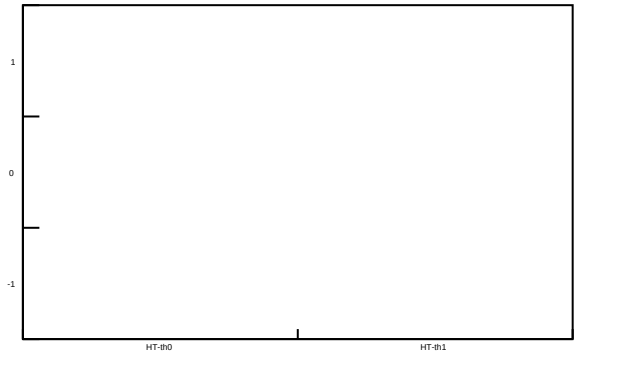
EM201-EE101Diff Entries 0

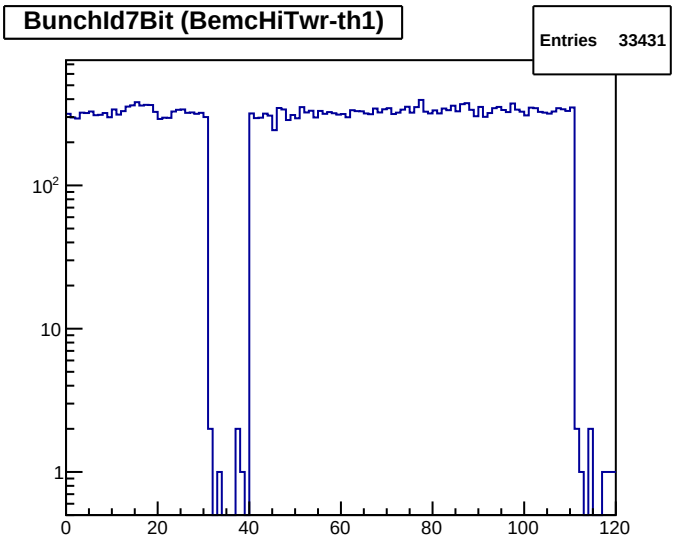


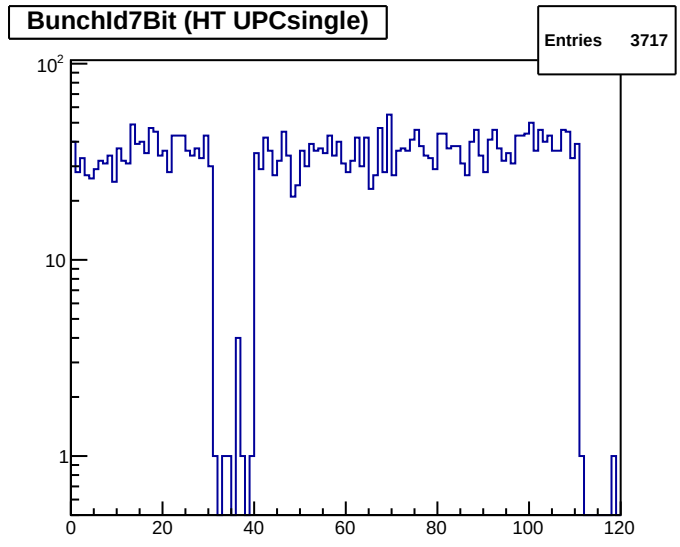
EM201-EE102 Entries 944968

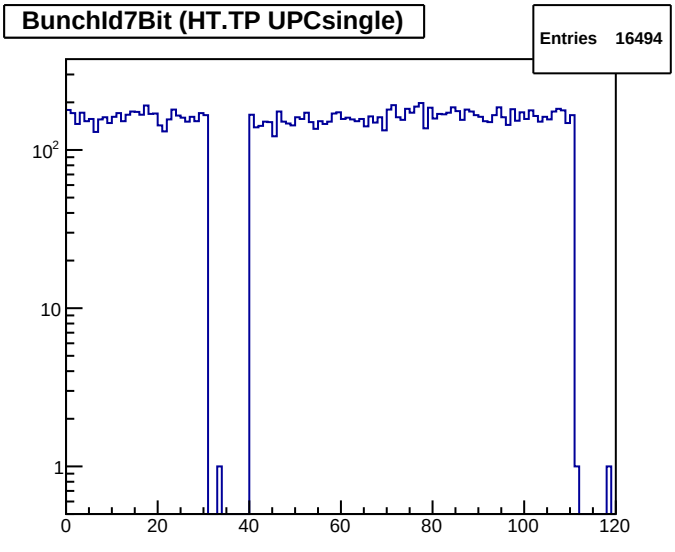


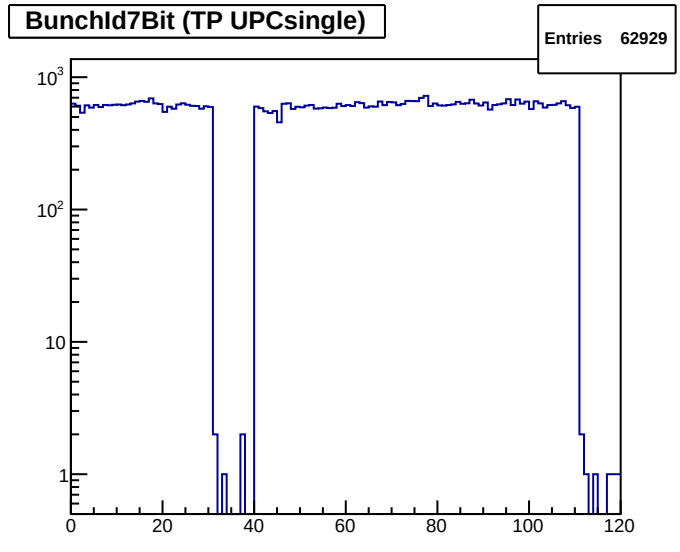
EM201-EE102Diff Entries 0

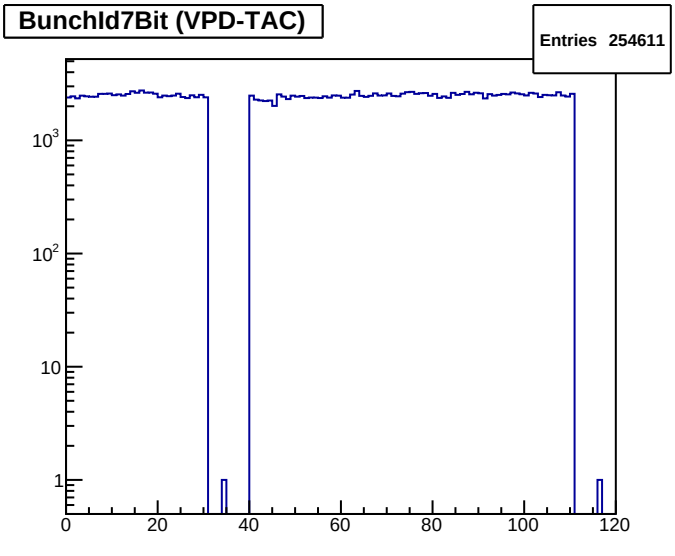


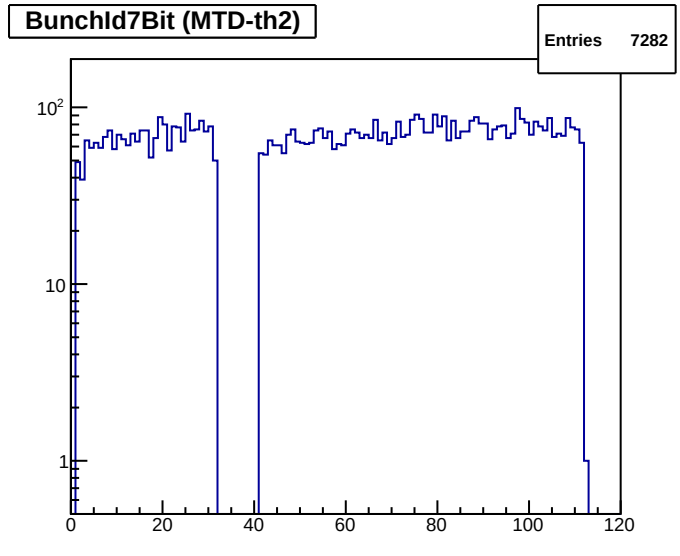

BunchId7Bit (BemcHiTwr-th1)
Entries 33431

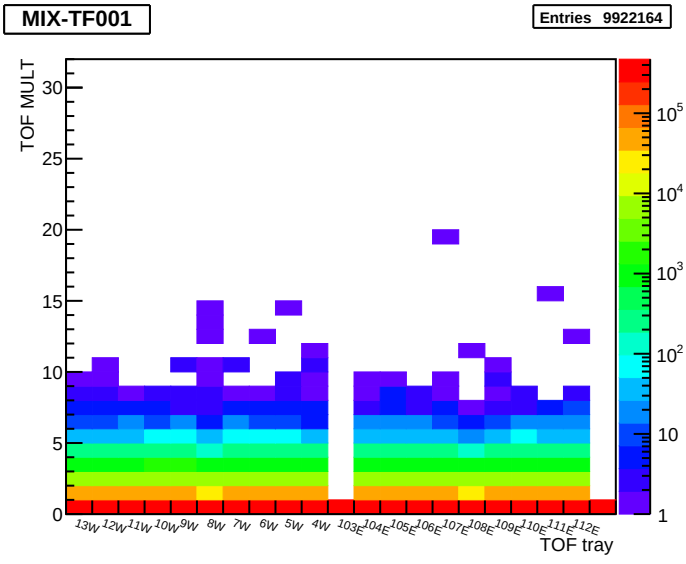

BunchId7Bit (HT UPCsingle)
Entries 3717

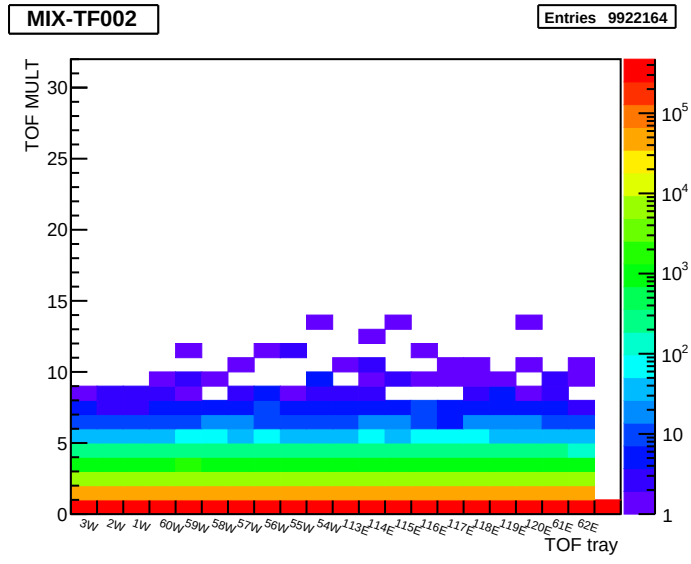

BunchId7Bit (HT.TP UPCsingle)
Entries 16494

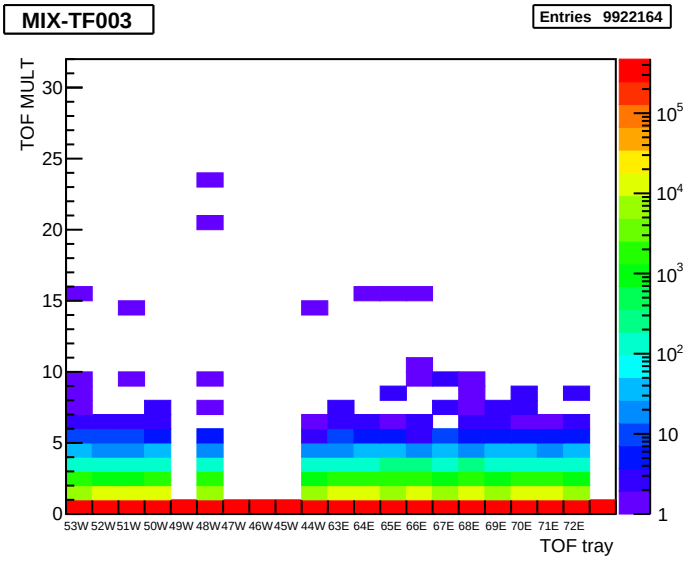

BunchId7Bit (TP UPCsingle)
Entries 62929

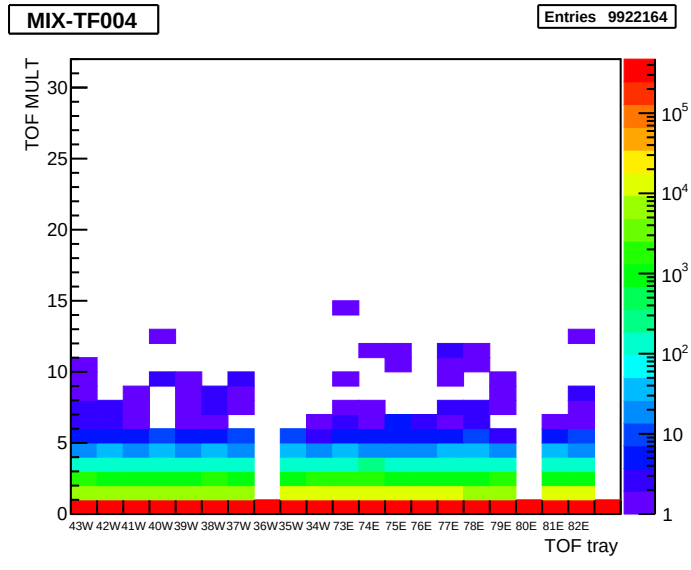

BunchId7Bit (VPD-TAC)
Entries 254611

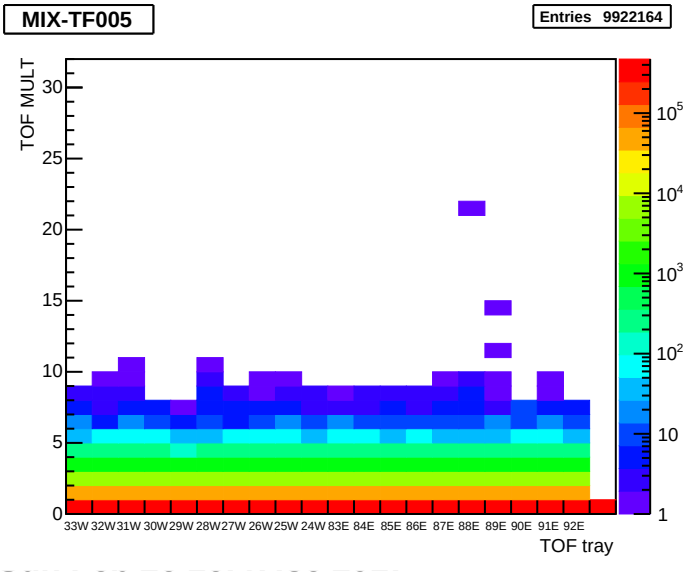

BunchId7Bit (MTD-th2)
Entries 7282

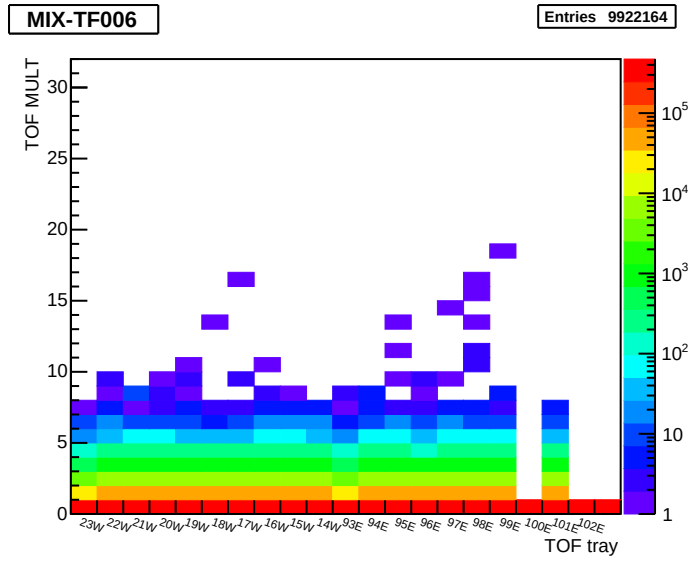

MIX-TF001
Entries 9922164
TOF MULT
TOF tray

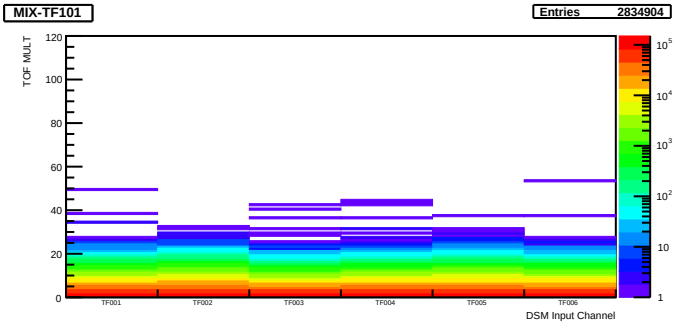

MIX-TF002
Entries 9922164
TOF MULT
TOF tray

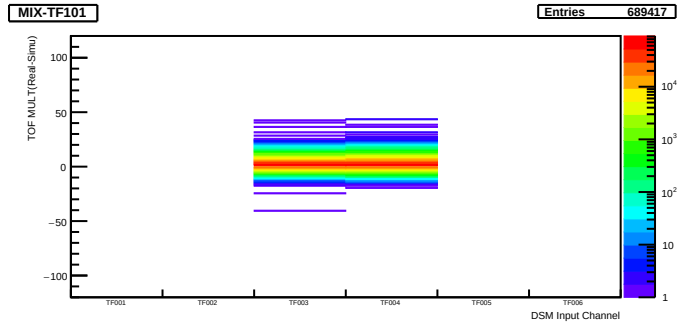

MIX-TF003
Entries 9922164
TOF MULT
TOF tray

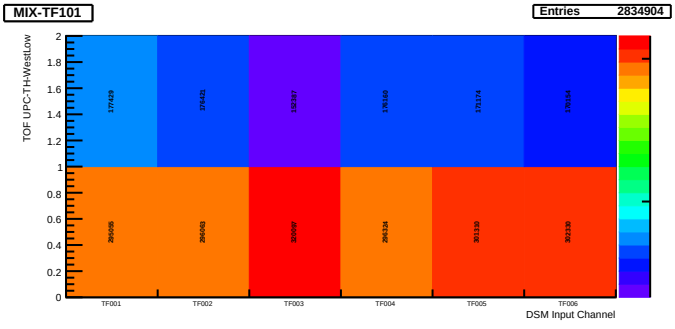

MIX-TF004
Entries 9922164
TOF MULT
TOF tray

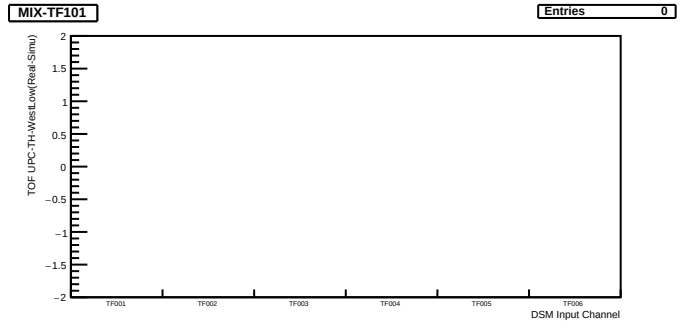

MIX-TF005
Entries 9922164
TOF MULT
TOF tray

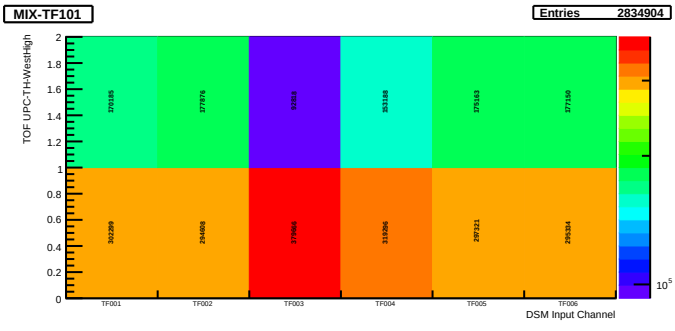

MIX-TF006
Entries 9922164
TOF MULT
TOF tray

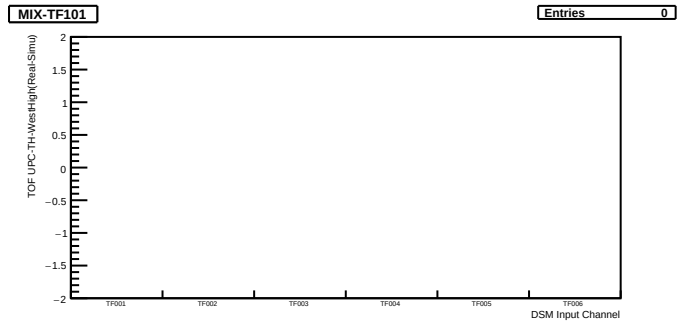

MIX-TF101
Entries 2834904
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

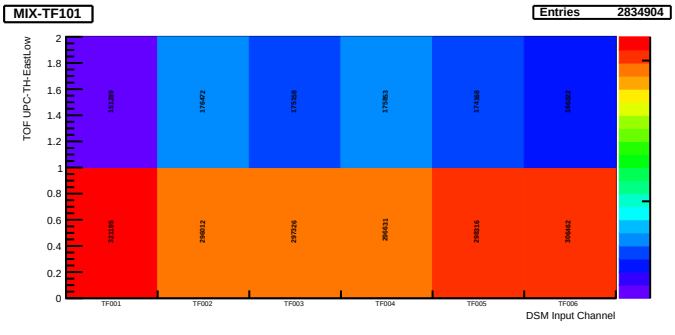

MIX-TF101
Entries 689417
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

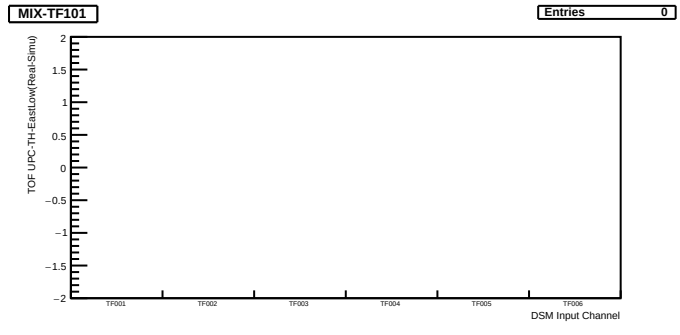

MIX-TF101
Entries 2834904
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

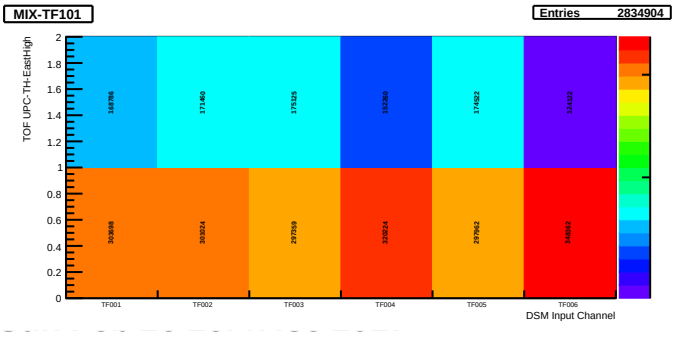

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

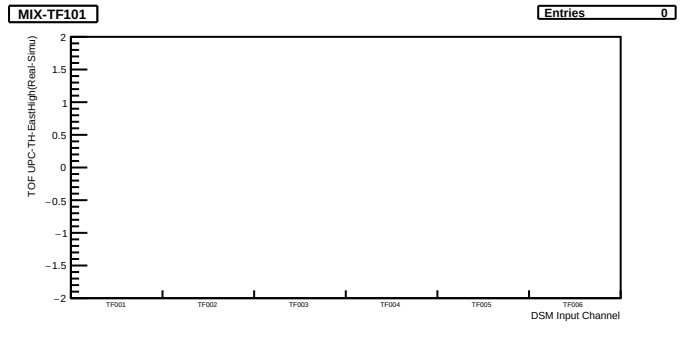

MIX-TF101
Entries 2834904
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

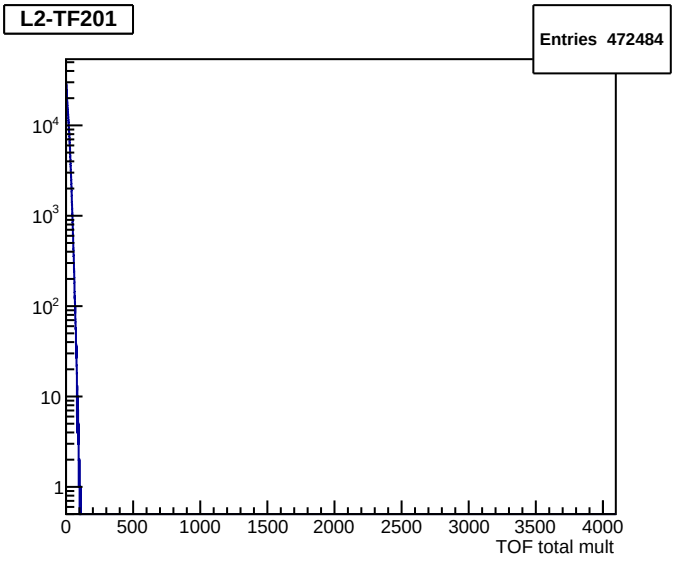

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

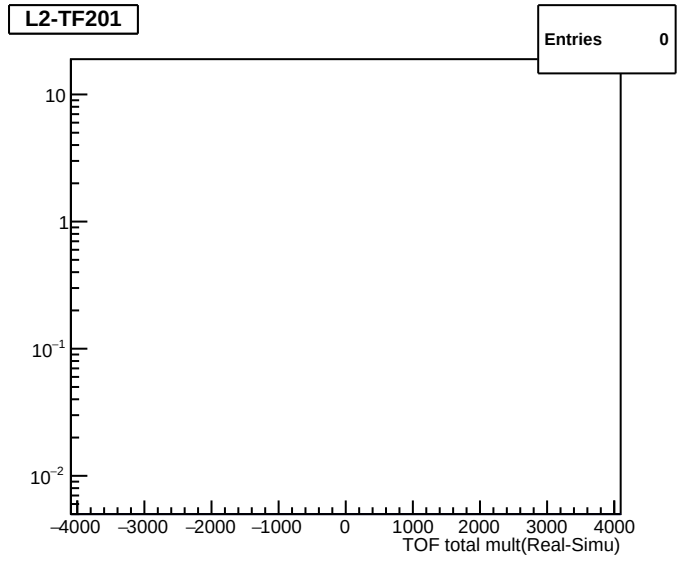

MIX-TF101
Entries 2834904
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

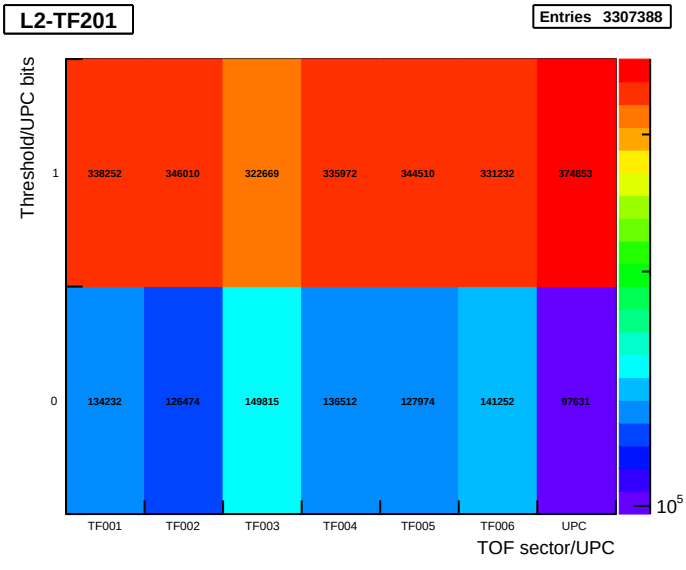

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

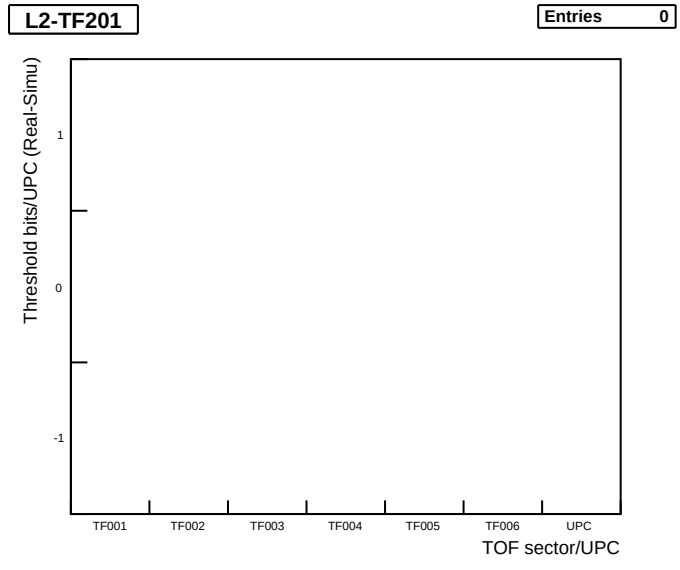

MIX-TF101
Entries 2834904
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

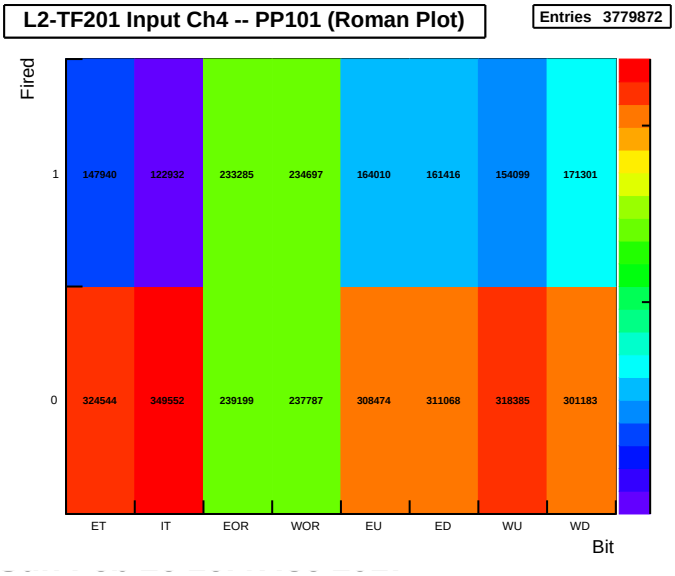

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

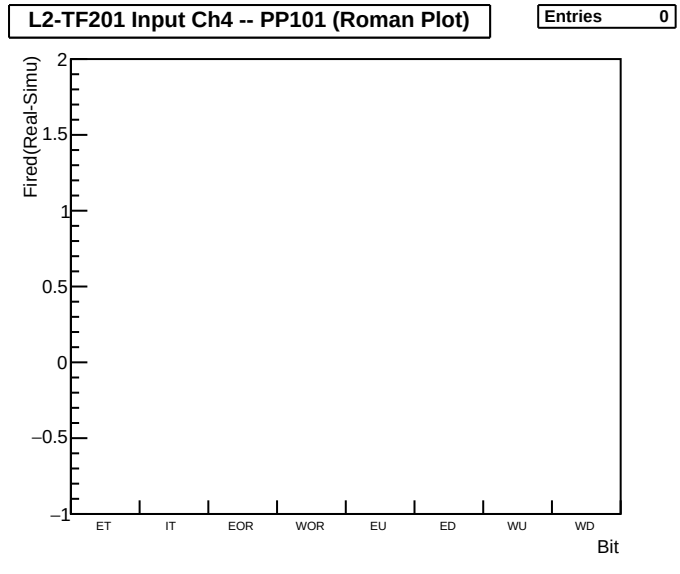

L2-TF201
Entries 472484
TOF total mult

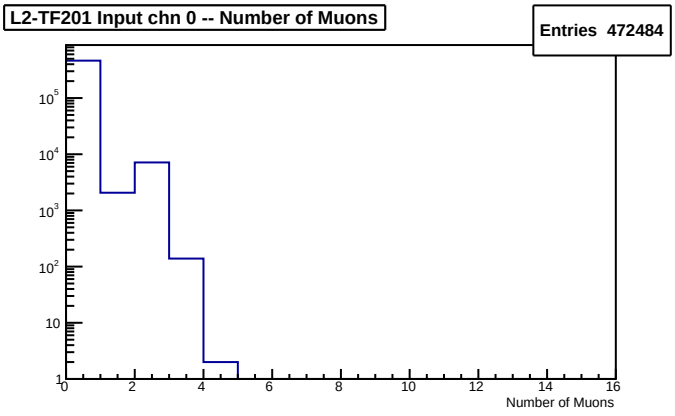

L2-TF201
Entries 0
TOF total mult(Real-Simu)

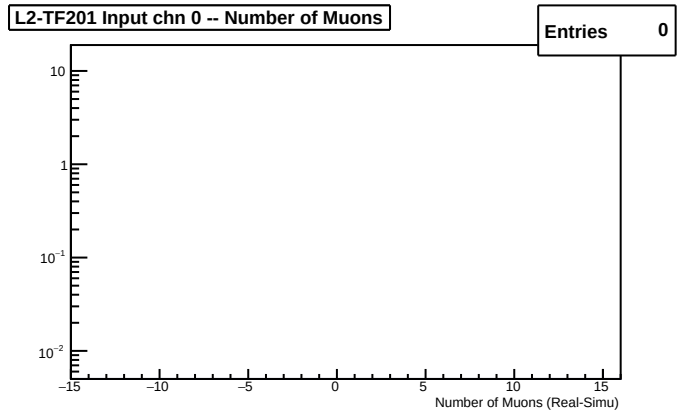

L2-TF201
Entries 3307388
Threshold/UPC bits
338252
346010
322669
335972
344510
331232
374853
134232
126474
149815
136512
127974
141252
97631
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

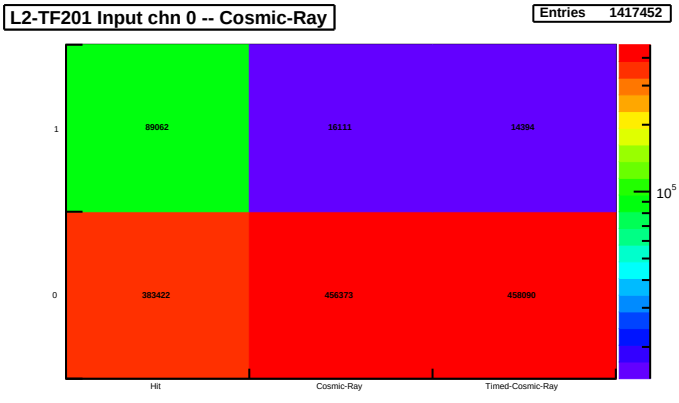

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

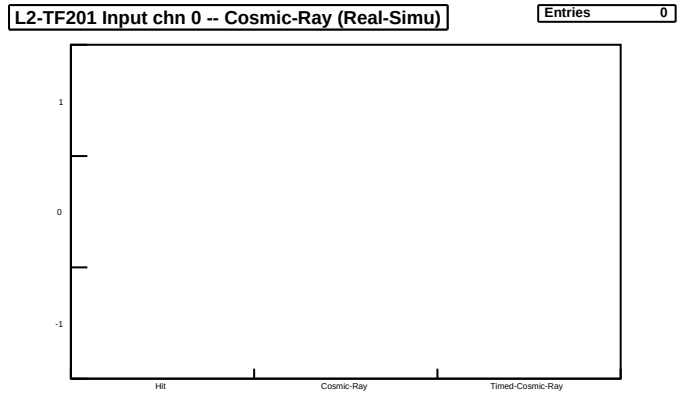

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3779872
Fired
147940
122932
233285
234697
164010
161416
154099
171301
324544
349552
239199
237787
308474
311068
318385
301183
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

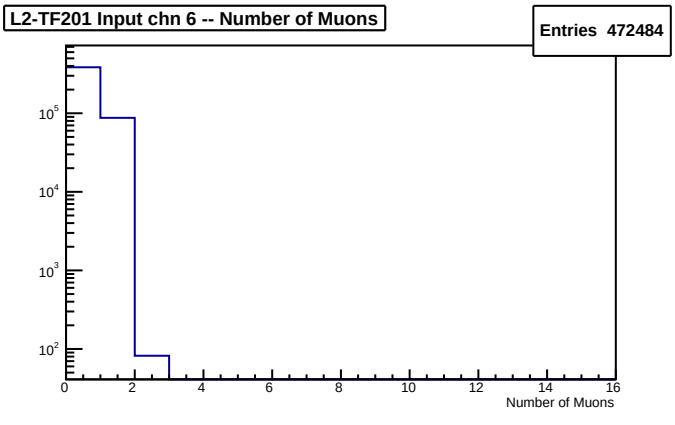

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

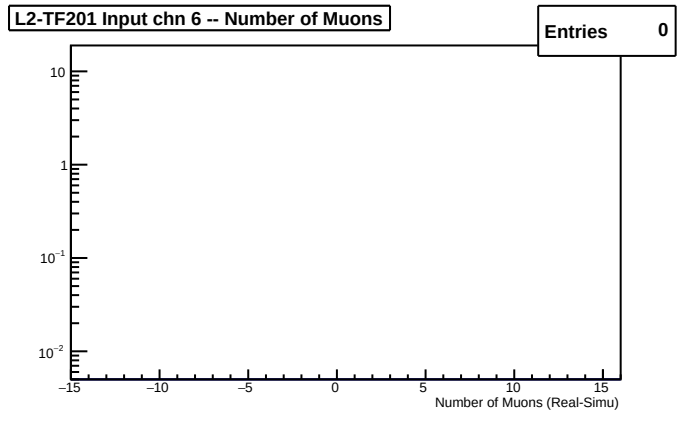

L2-TF201 Input chn 0 -- Number of Muons
Entries 472484
Number of Muons

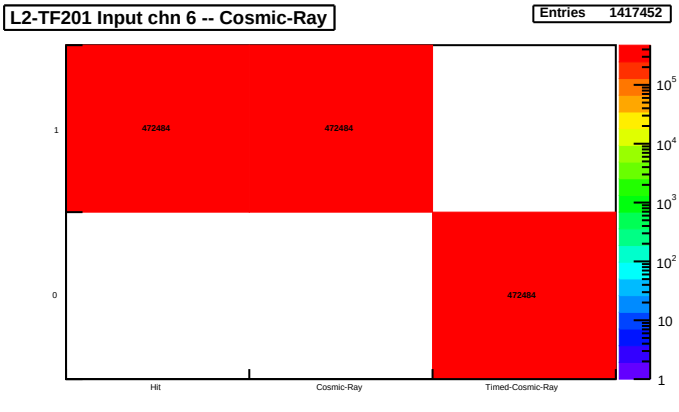

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

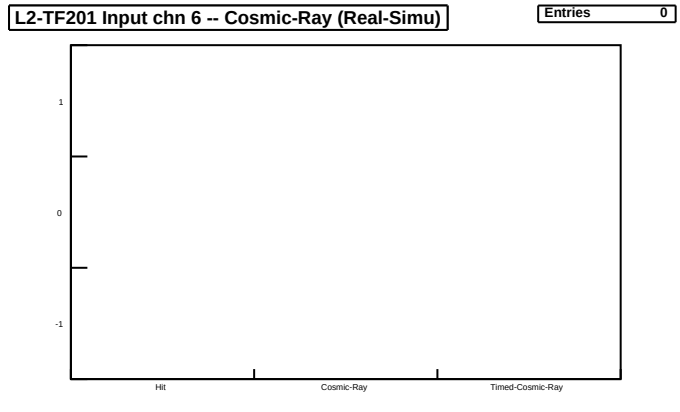

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1417452
89062
16111
14394
383422
456373
458090
Hit
Cosmic-Ray
Timed-Cosmic-Ray

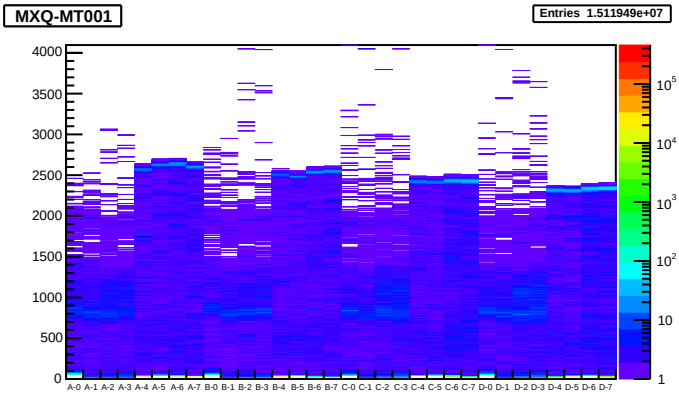

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

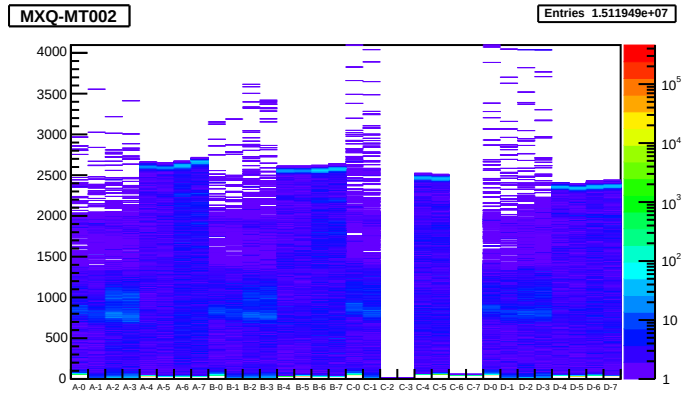

L2-TF201 Input chn 6 -- Number of Muons
Entries 472484
Number of Muons

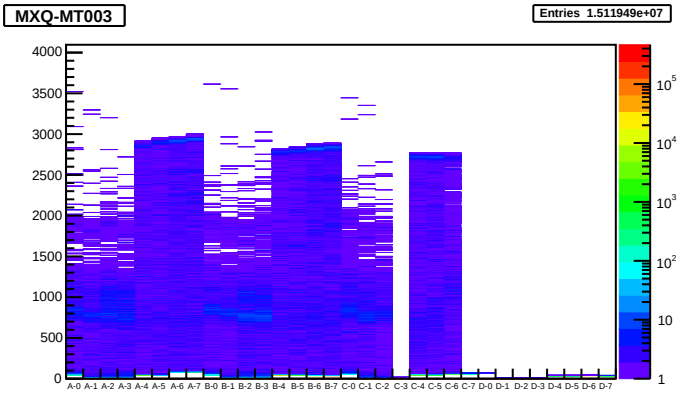

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

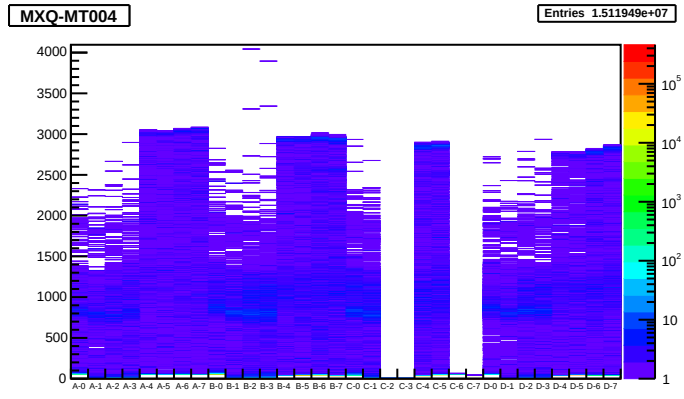

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1417452
472484
472484
472484
Hit
Cosmic-Ray
Timed-Cosmic-Ray

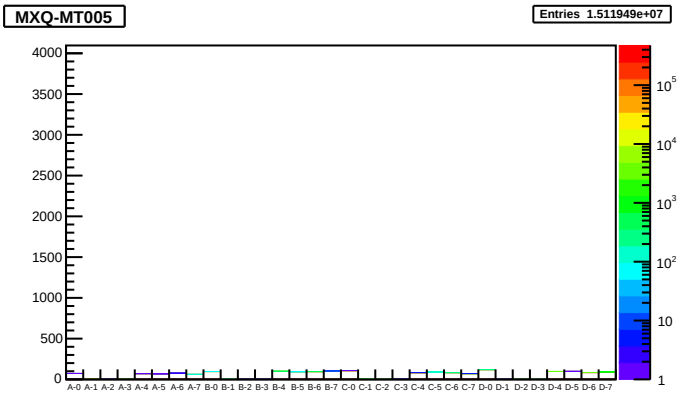

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

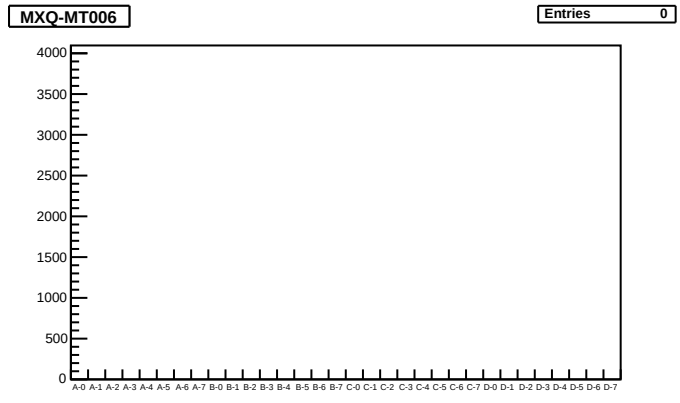

MXQ-MT001
Entries 1.511949e+07

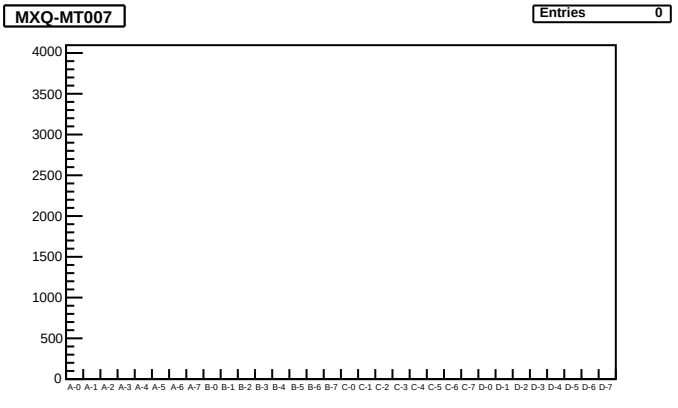

MXQ-MT002
Entries 1.511949e+07

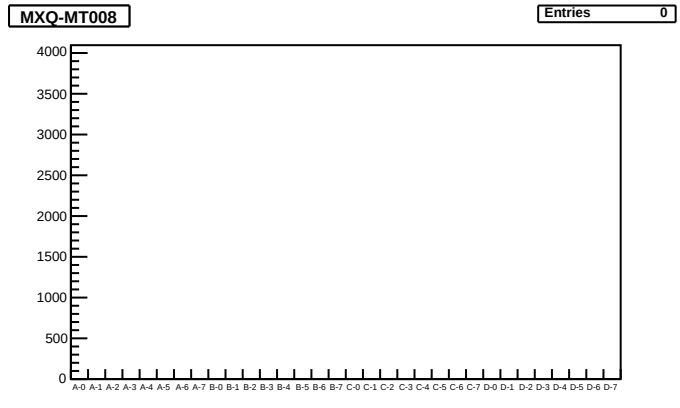

MXQ-MT003
Entries 1.511949e+07

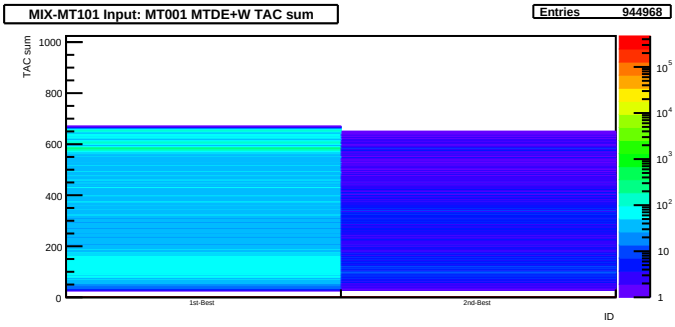

MXQ-MT004
Entries 1.511949e+07

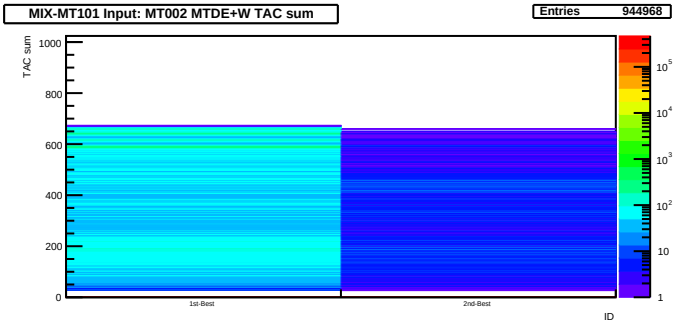

MXQ-MT005
Entries 1.511949e+07

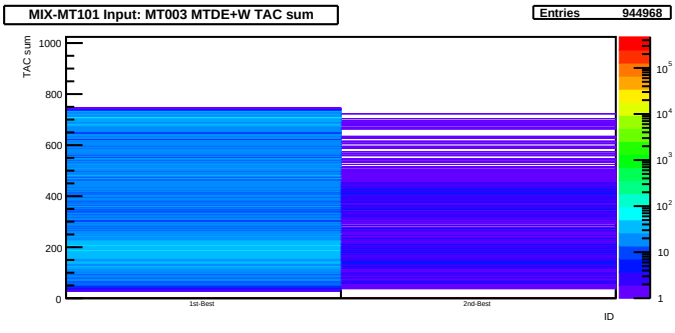

MXQ-MT006
Entries 0

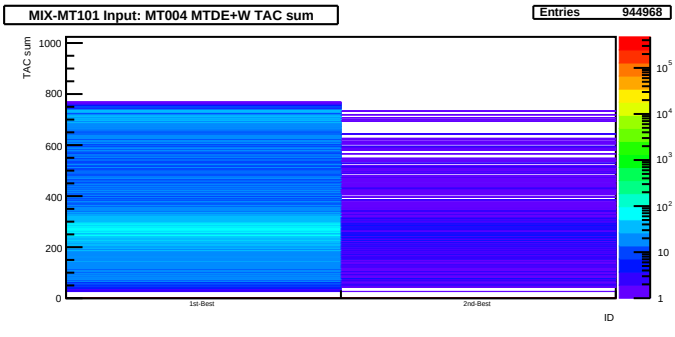

MXQ-MT007
Entries 0

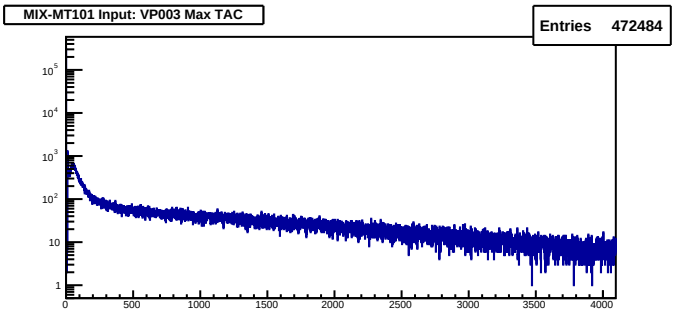

MXQ-MT008
Entries 0

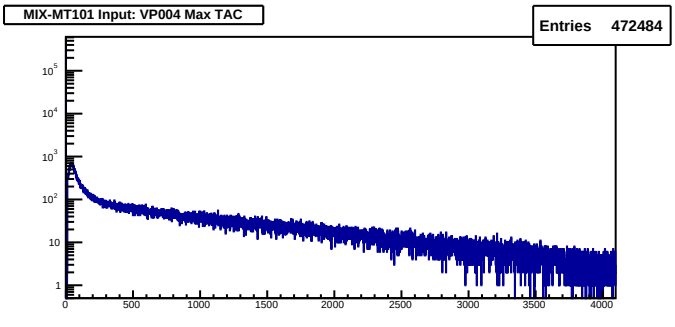

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 944968
TAC sum
1st-Best
2nd-Best
ID

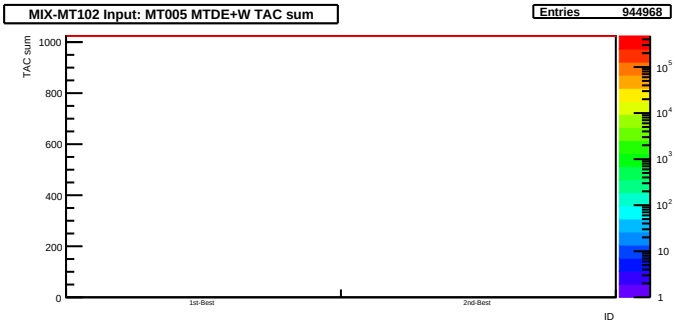

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 944968
TAC sum
1st-Best
2nd-Best
ID

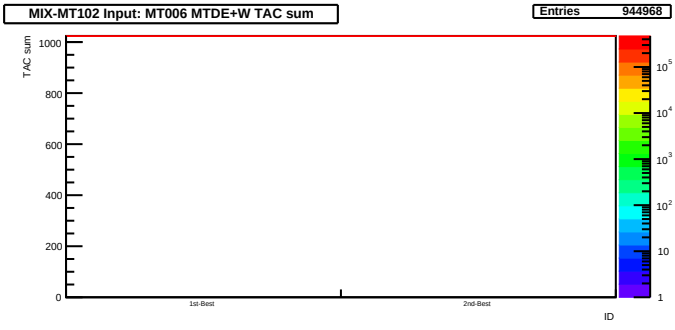

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 944968
TAC sum
1st-Best
2nd-Best
ID

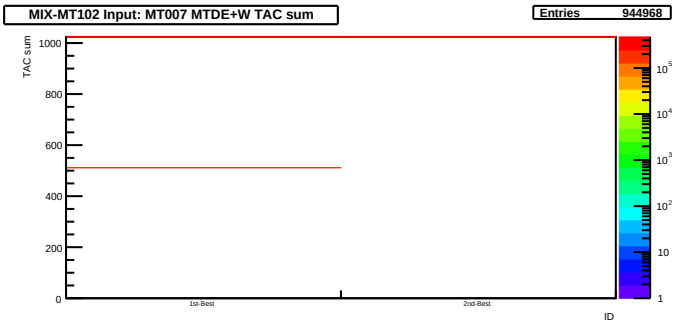

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 944968
TAC sum
1st-Best
2nd-Best
ID

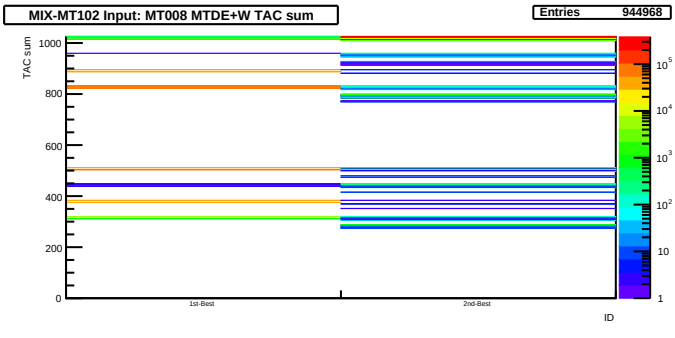

MIX-MT101 Input: VP003 Max TAC
Entries 472484

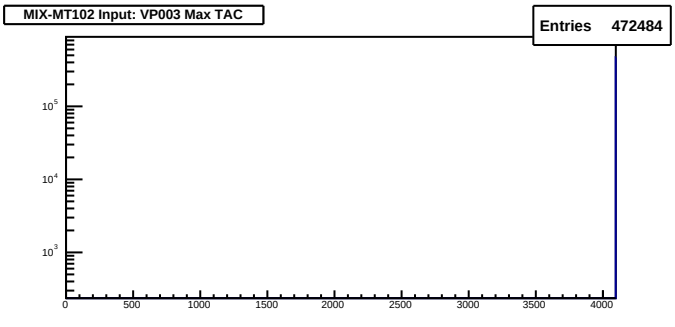

MIX-MT101 Input: VP004 Max TAC
Entries 472484

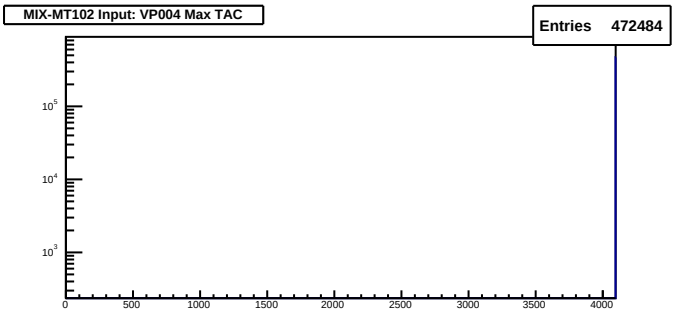

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 944968
TAC sum
1st-Best
2nd-Best
ID

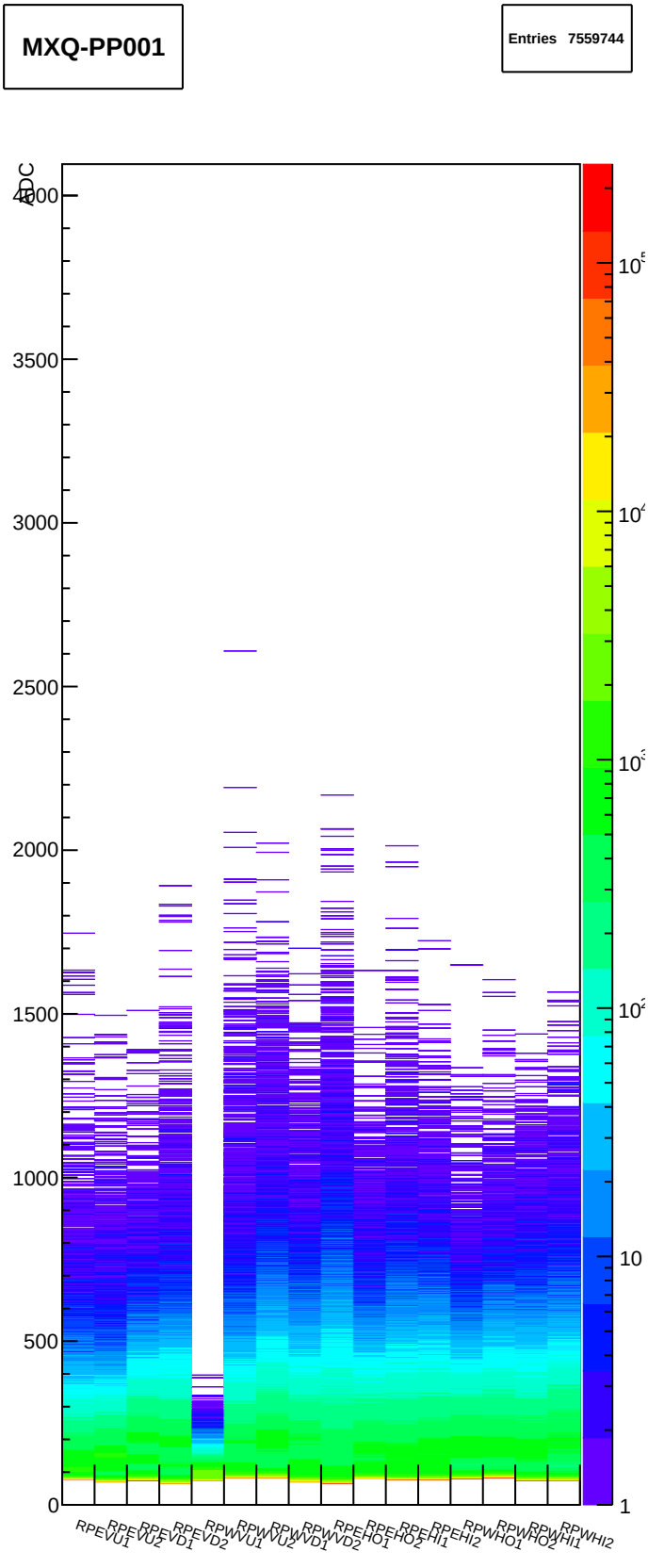

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 944968
TAC sum
1st-Best
2nd-Best
ID

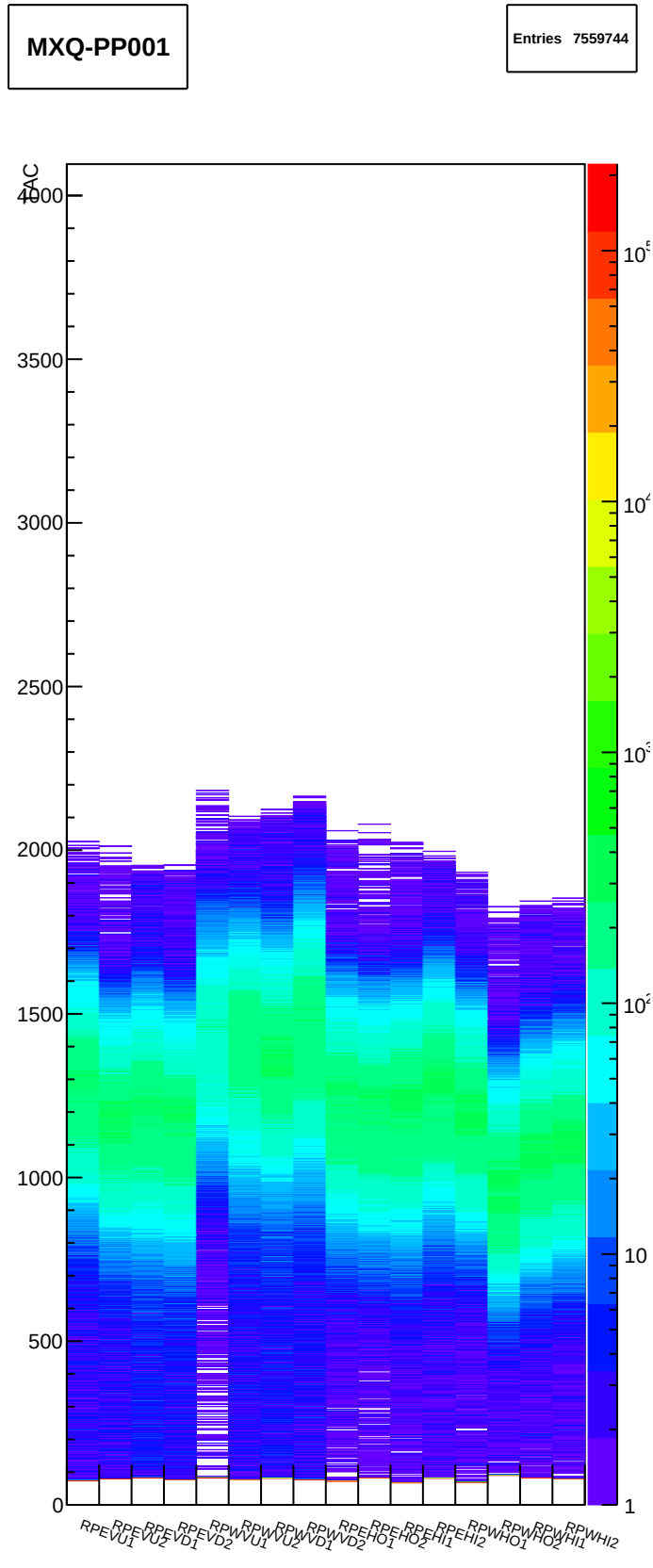

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 944968
TAC sum
1st-Best
2nd-Best
ID

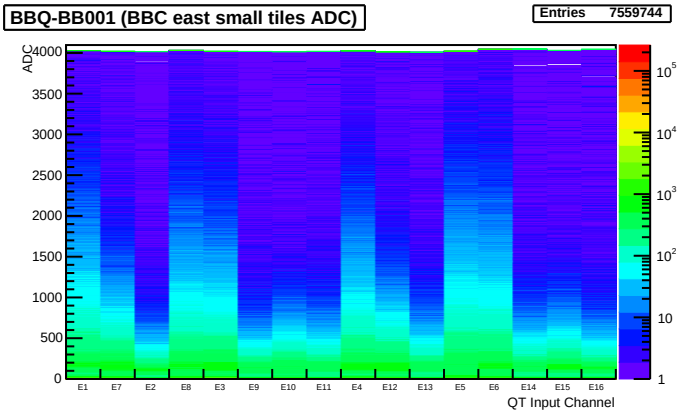

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 944968
TAC sum
1st-Best
2nd-Best
ID

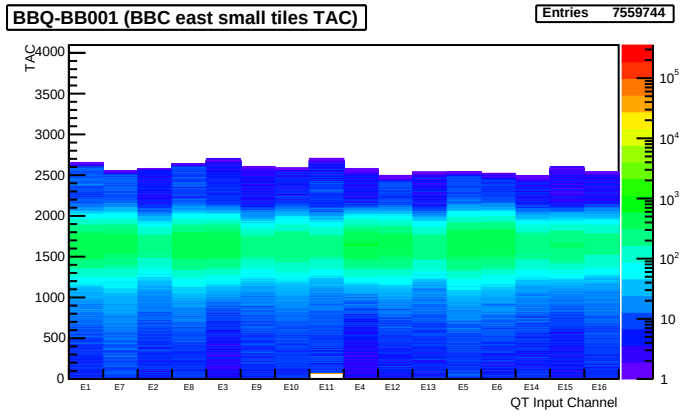

MIX-MT102 Input: VP003 Max TAC
Entries 472484

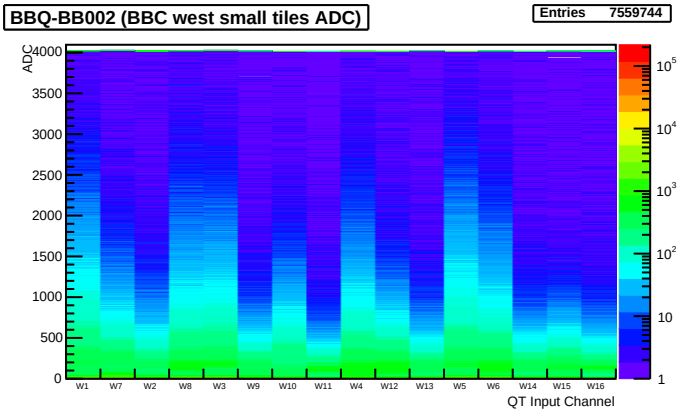

MIX-MT102 Input: VP004 Max TAC
Entries 472484

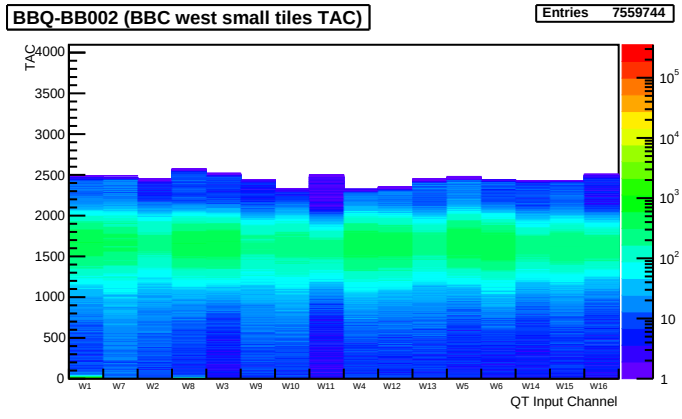

MXQ-PP001
Entries 7559744
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

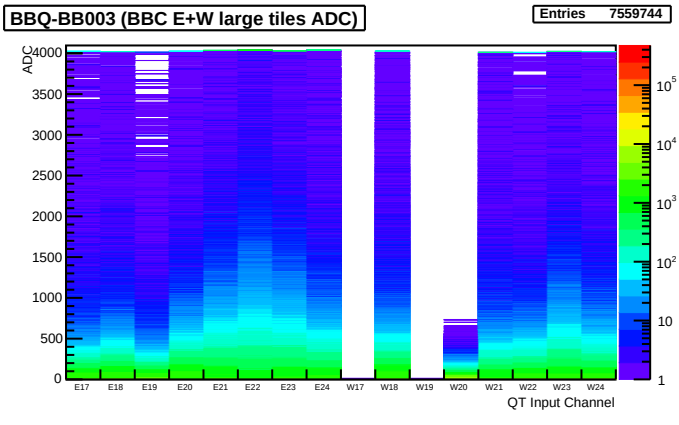

MXQ-PP001
Entries 7559744
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

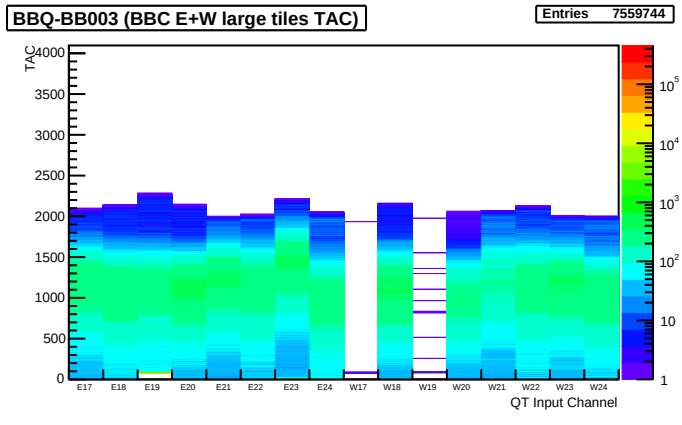

BBQ-BB001 (BBC east small tiles ADC)
Entries 7559744
ADC
QT Input Channel

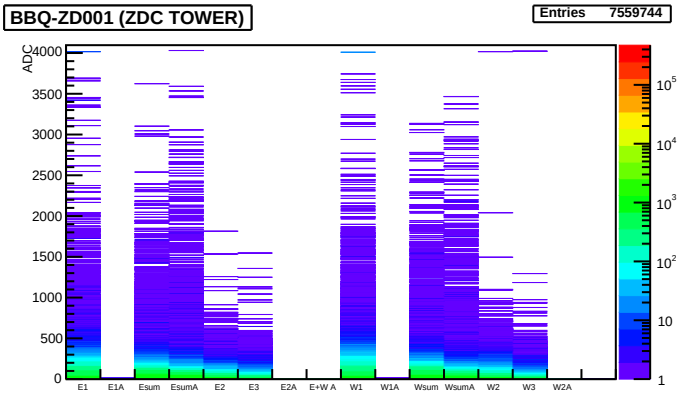

BBQ-BB001 (BBC east small tiles TAC)
Entries 7559744
TAC
QT Input Channel

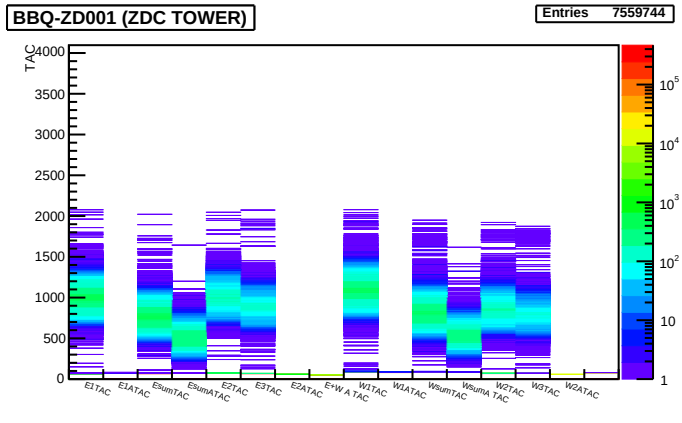

BBQ-BB002 (BBC west small tiles ADC)
Entries 7559744
ADC
QT Input Channel

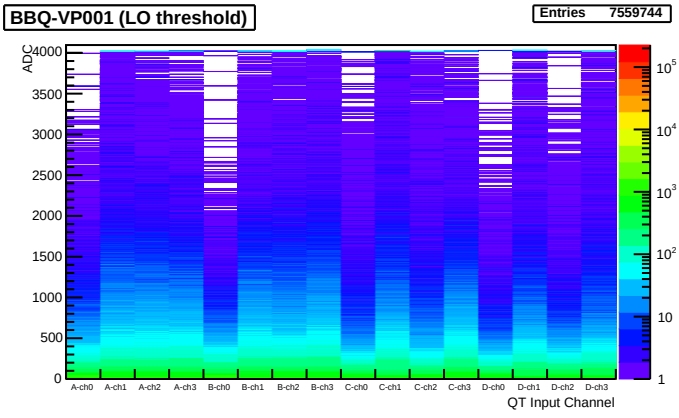

BBQ-BB002 (BBC west small tiles TAC)
Entries 7559744
TAC
QT Input Channel

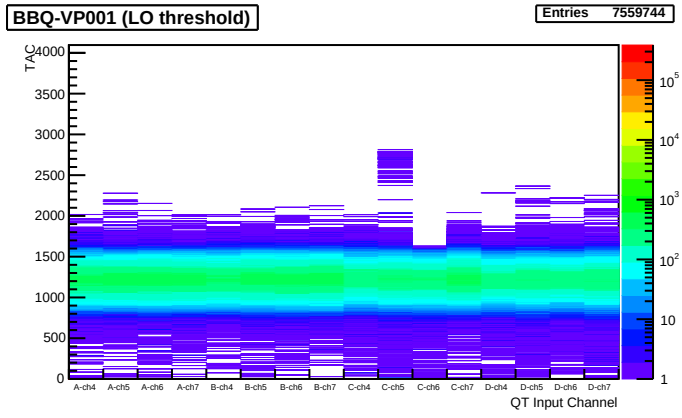

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7559744
ADC
QT Input Channel

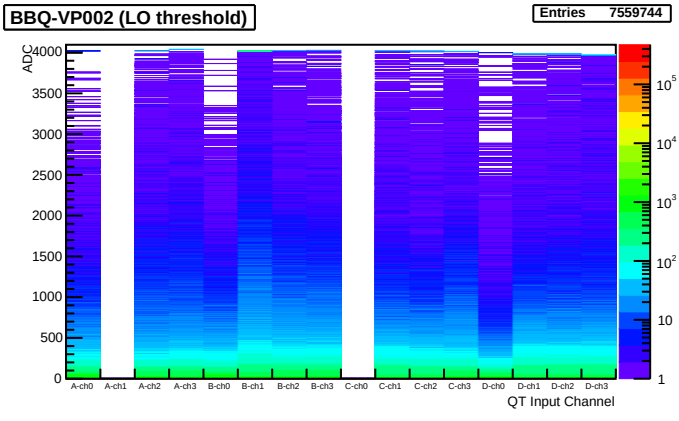

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7559744
TAC
QT Input Channel

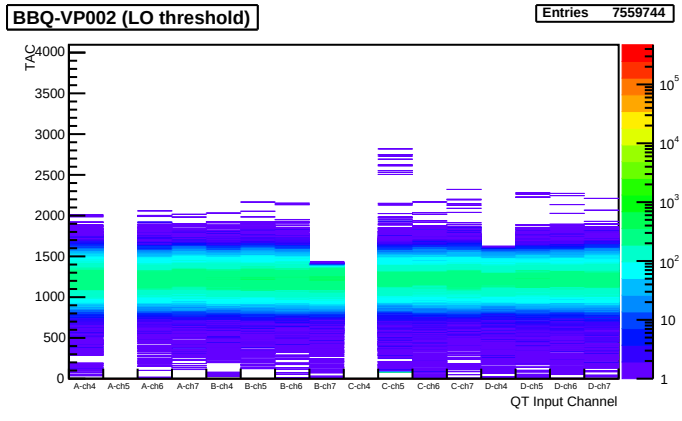

BBQ-ZD001 (ZDC TOWER)
Entries 7559744
ADC

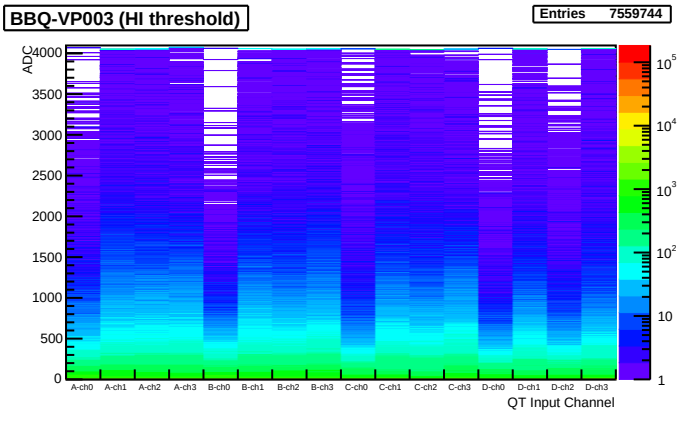

BBQ-ZD001 (ZDC TOWER)
Entries 7559744
TAC

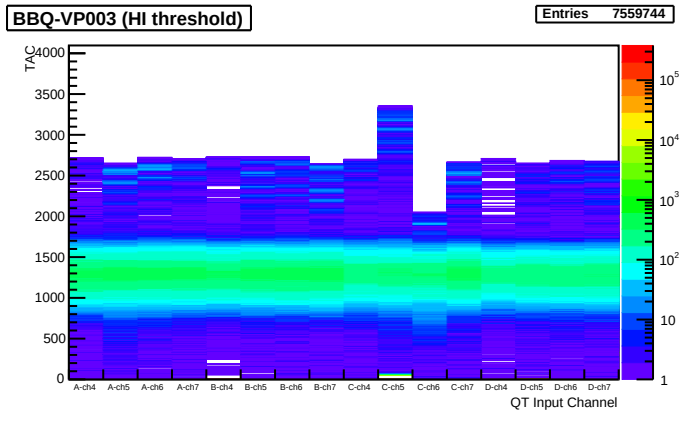

BBQ-VP001 (LO threshold)
Entries 7559744
ADC
QT Input Channel

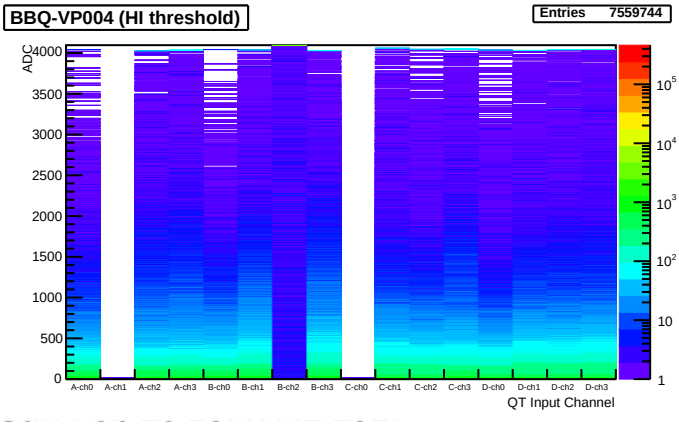

BBQ-VP001 (LO threshold)
Entries 7559744
TAC
QT Input Channel

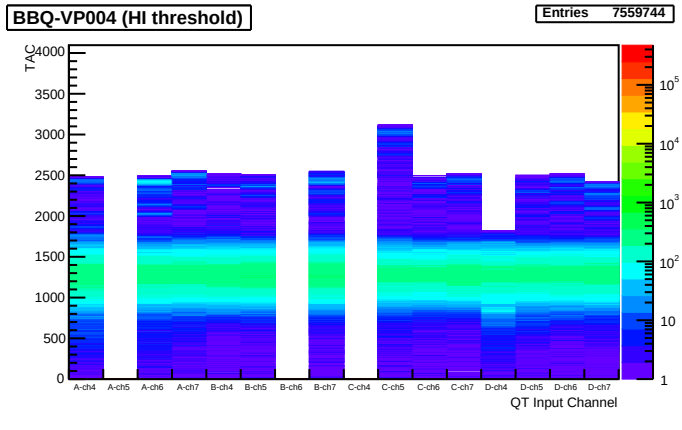

BBQ-VP002 (LO threshold)
Entries 7559744
ADC
QT Input Channel

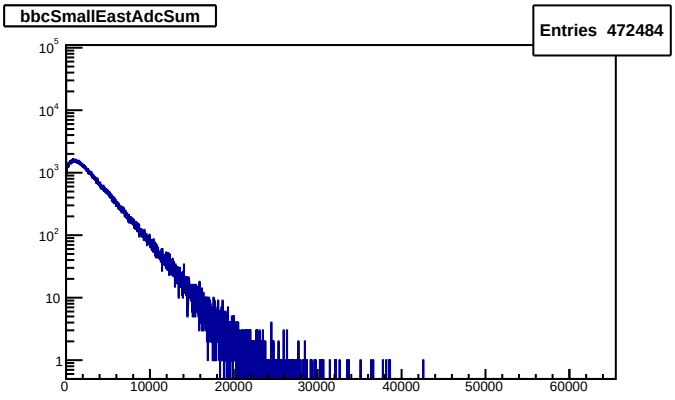

BBQ-VP002 (LO threshold)
Entries 7559744
TAC
QT Input Channel

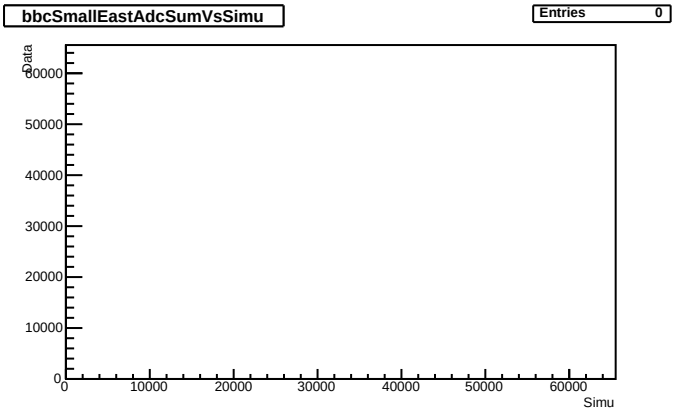

BBQ-VP003 (HI threshold)
Entries 7559744
ADC
QT Input Channel

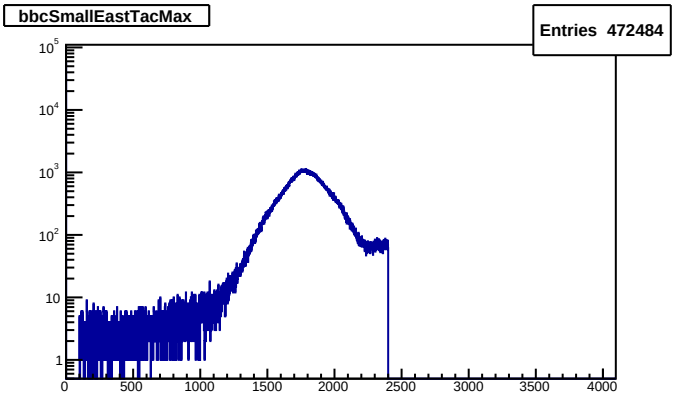

BBQ-VP003 (HI threshold)
Entries 7559744
TAC
QT Input Channel

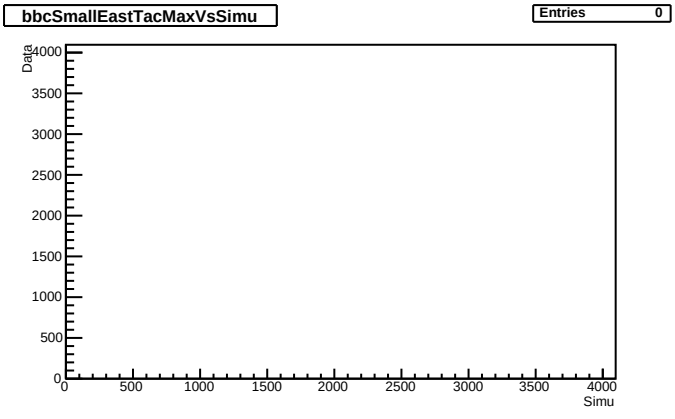

BBQ-VP004 (HI threshold)
Entries 7559744
ADC
QT Input Channel

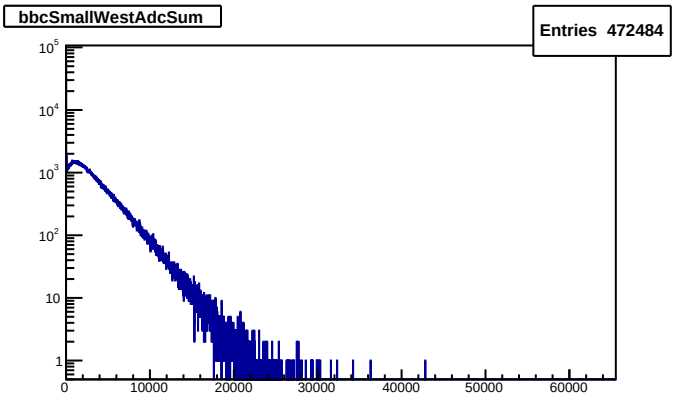

BBQ-VP004 (HI threshold)
Entries 7559744
TAC
QT Input Channel

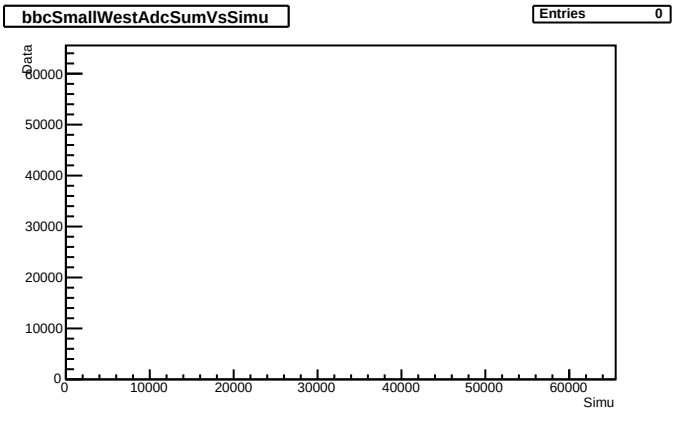

bbcSmallEastAdcSum
Entries 472484

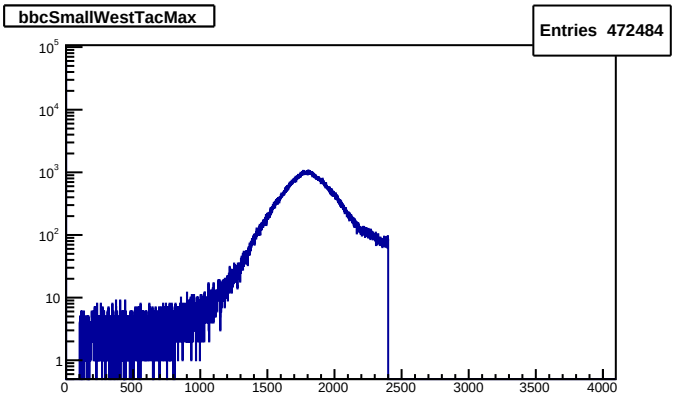

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

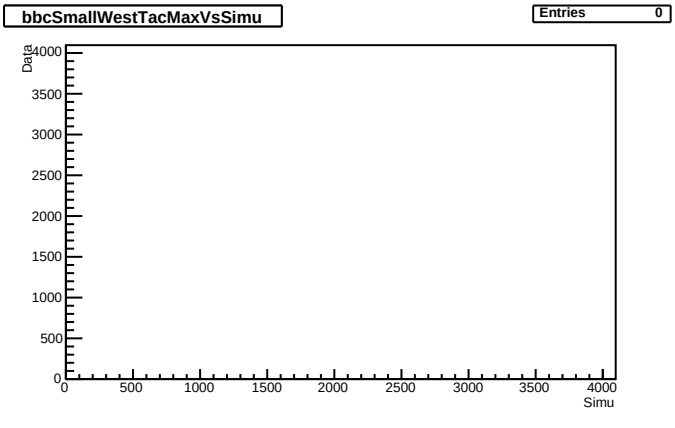

bbcSmallEastTacMax
Entries 472484

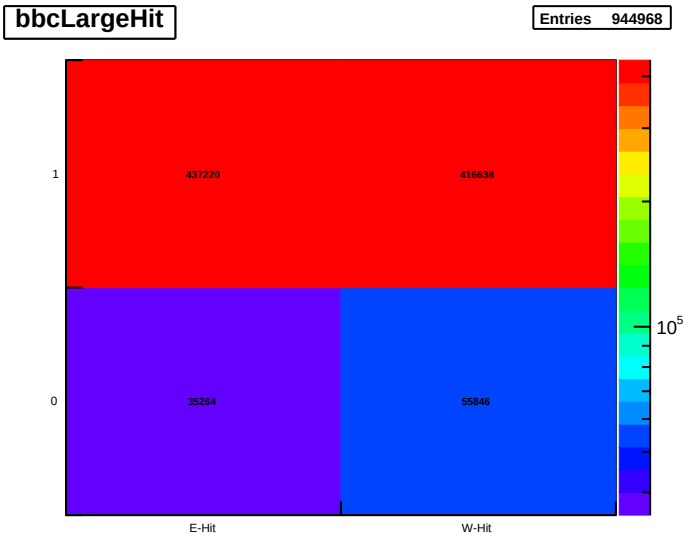

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

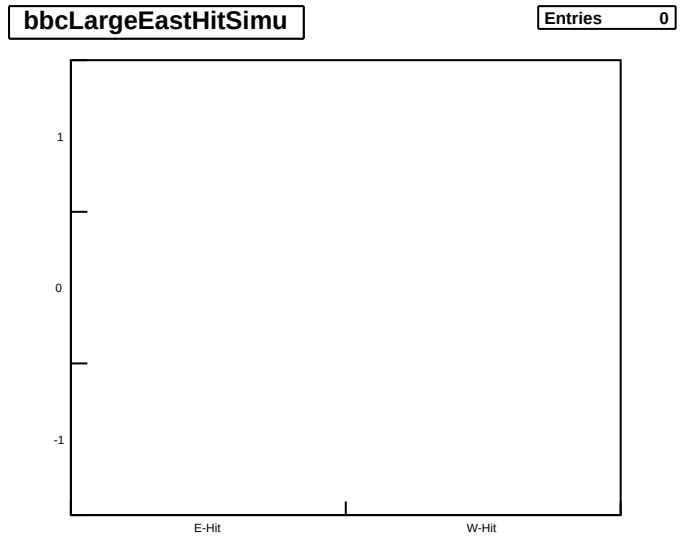

bbcSmallWestAdcSum
Entries 472484

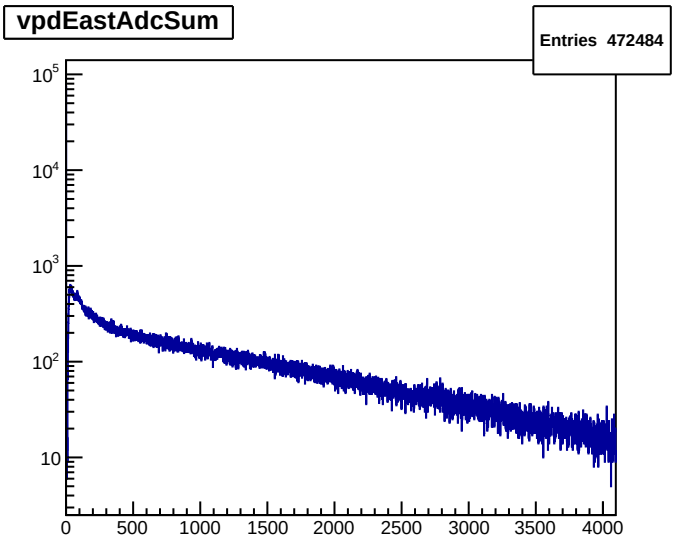

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

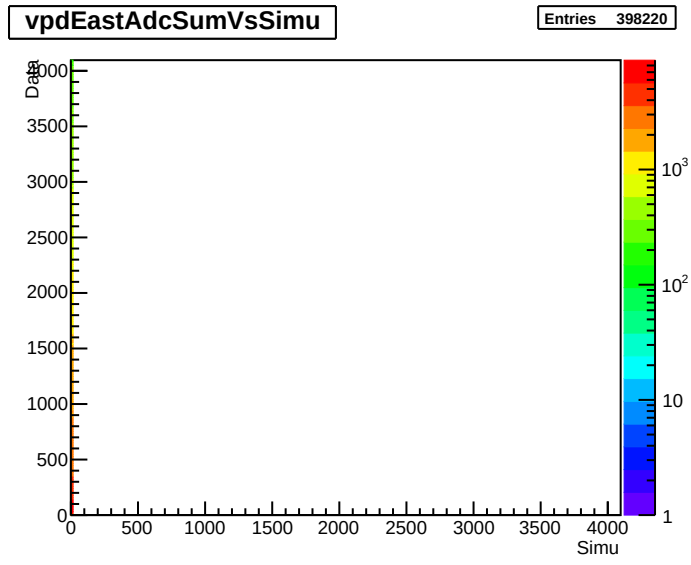

bbcSmallWestTacMax
Entries 472484

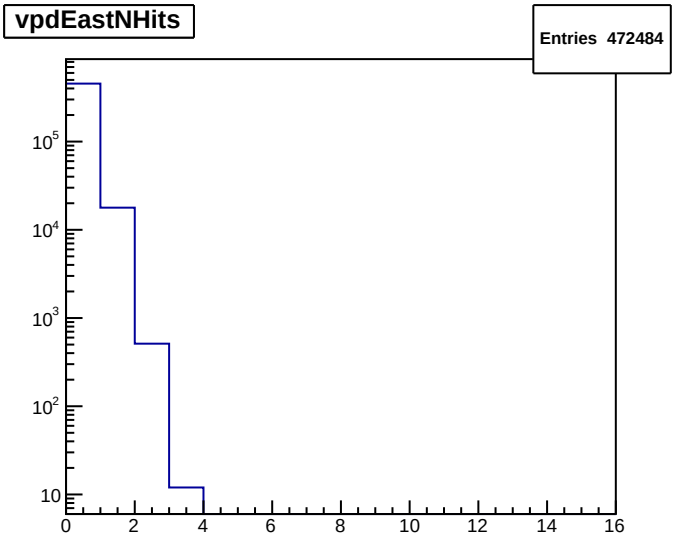

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

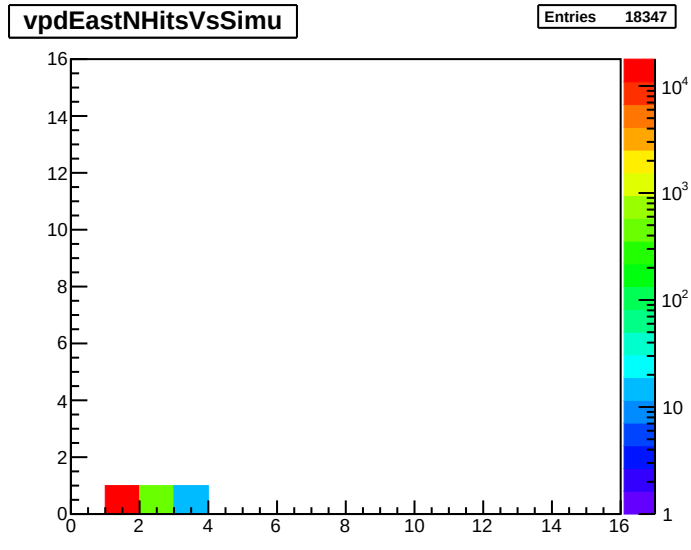

bbcLargeHit
Entries 944968
1
0
437220
416638
35264
55846
E-Hit
W-Hit
10^5

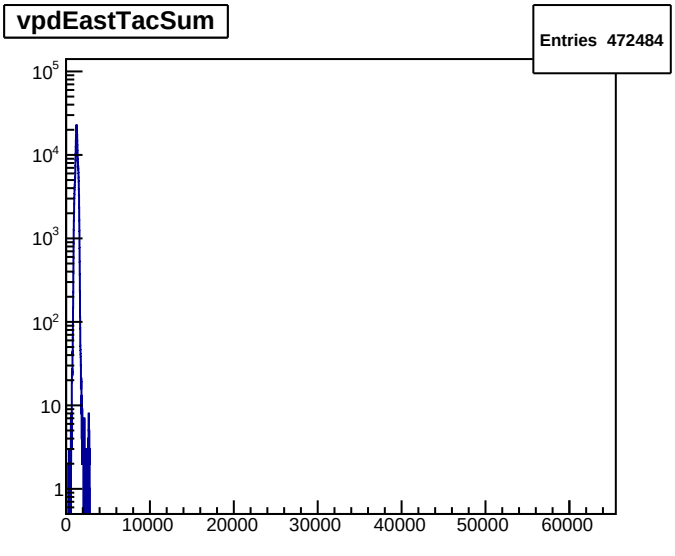

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

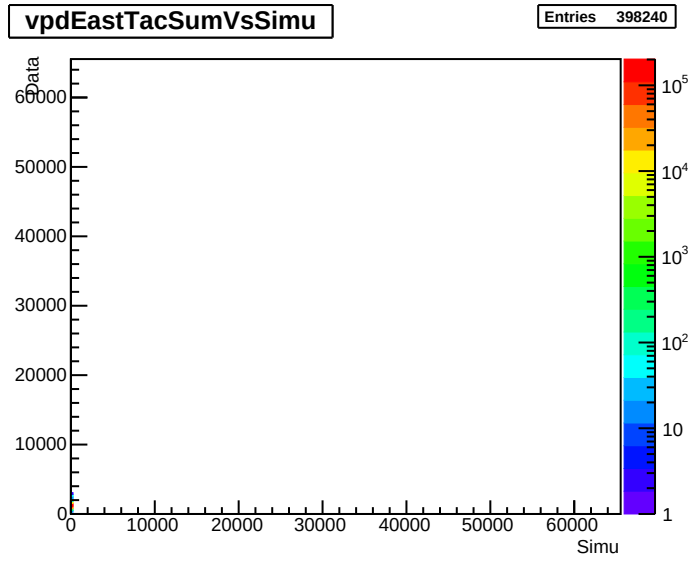

vpdEastAdcSum
Entries 472484

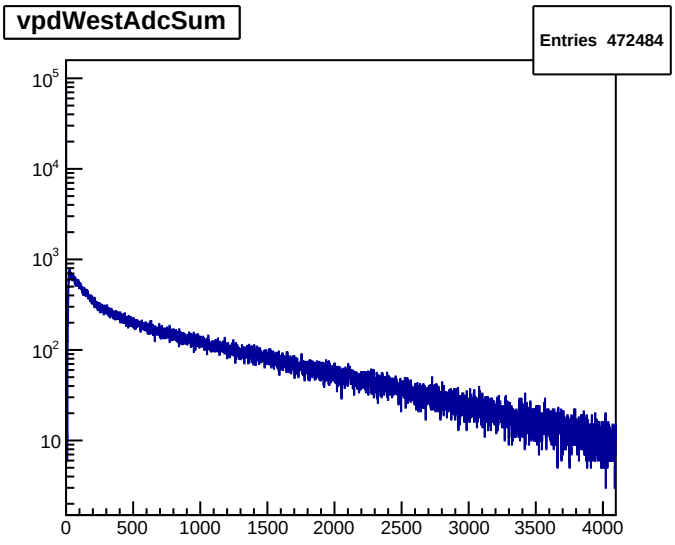

vpdEastAdcSumVsSimu
Entries 398220
Data
Simu

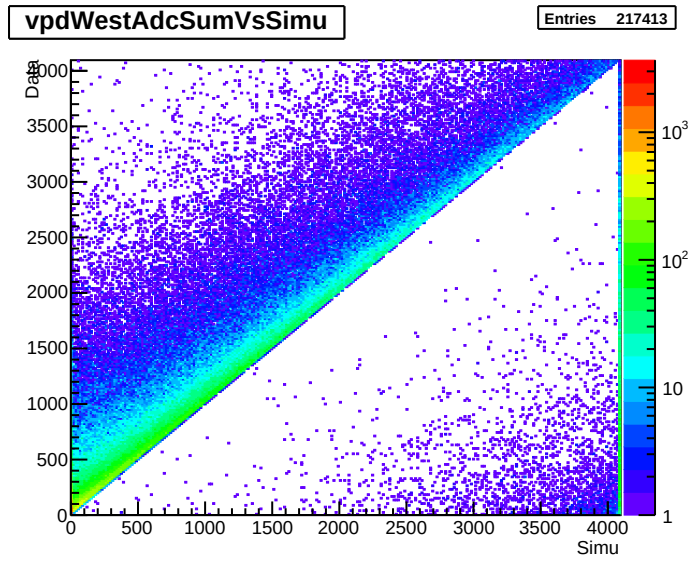

vpdEastNHits
Entries 472484

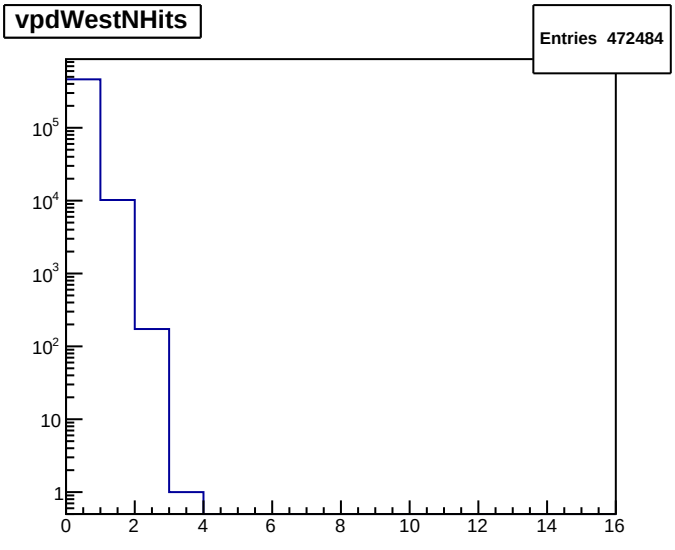

vpdEastNHitsVsSimu
Entries 18347

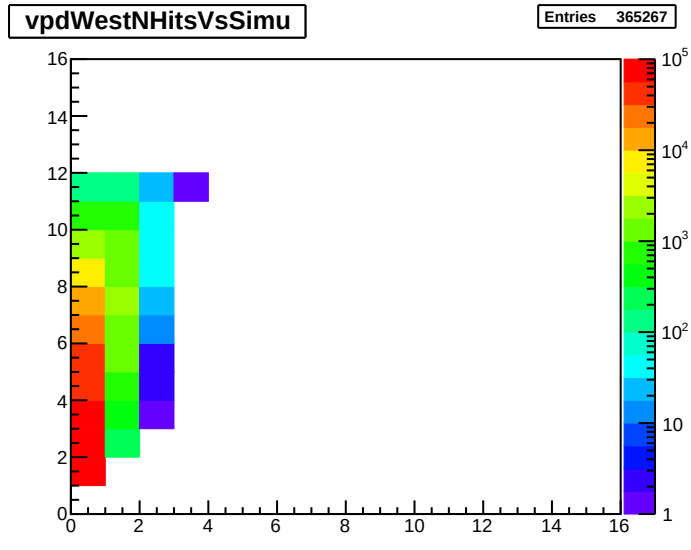

vpdEastTacSum
Entries 472484

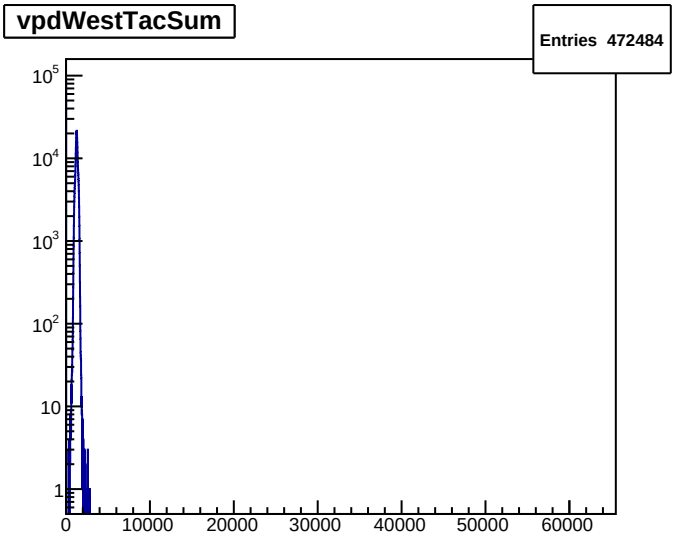

vpdEastTacSumVsSimu
Entries 398240
Data
Simu

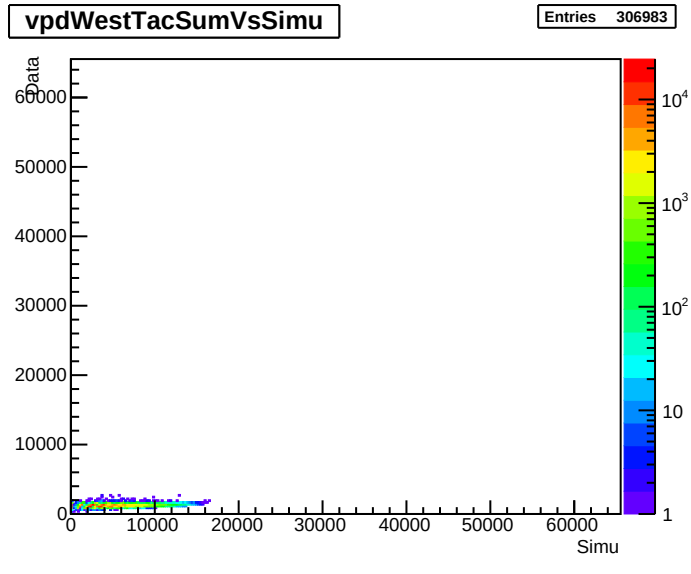

vpdWestAdcSum
Entries 472484

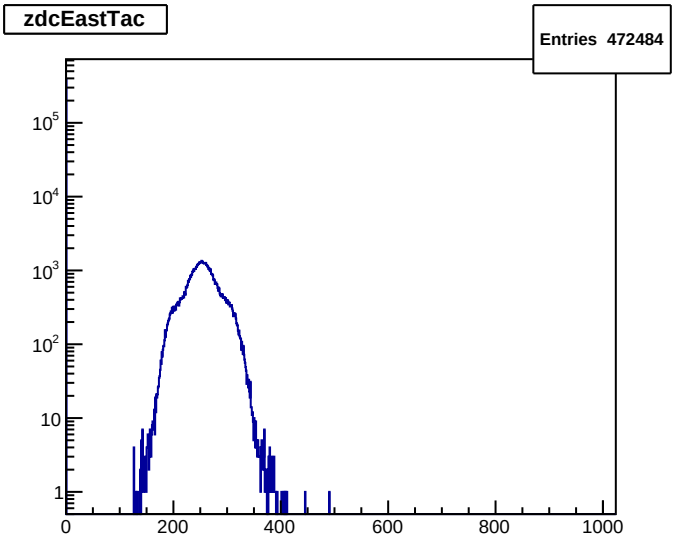

vpdWestAdcSumVsSimu
Entries 217413
Data
Simu

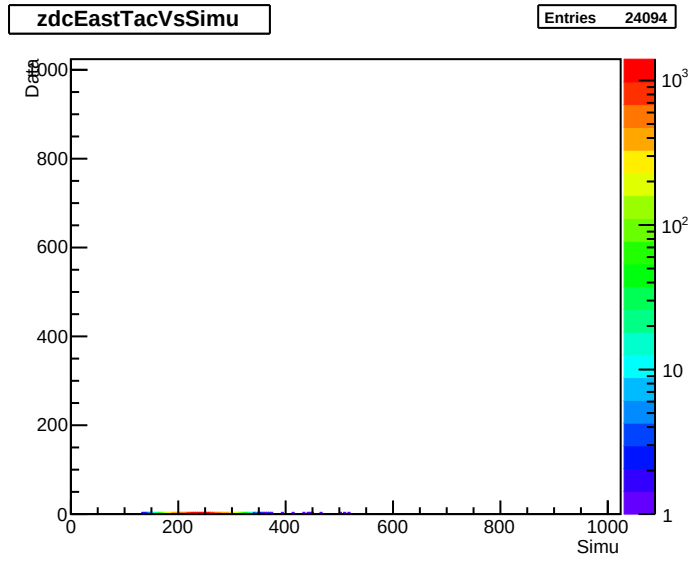

vpdWestNHits
Entries 472484

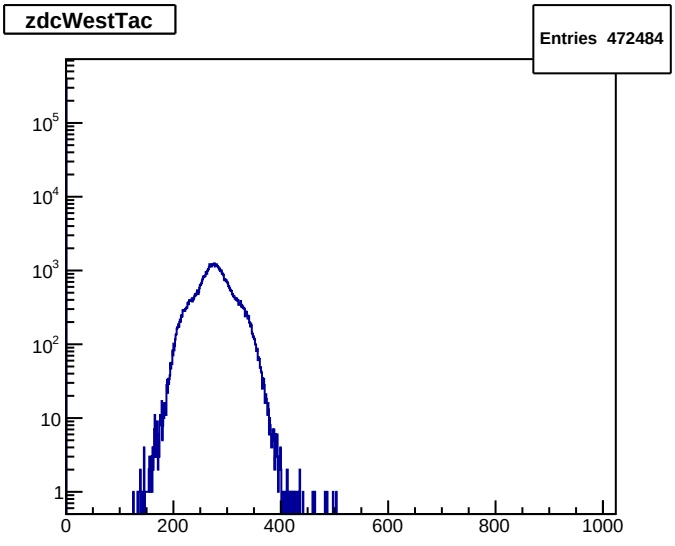

vpdWestNHitsVsSimu
Entries 365267

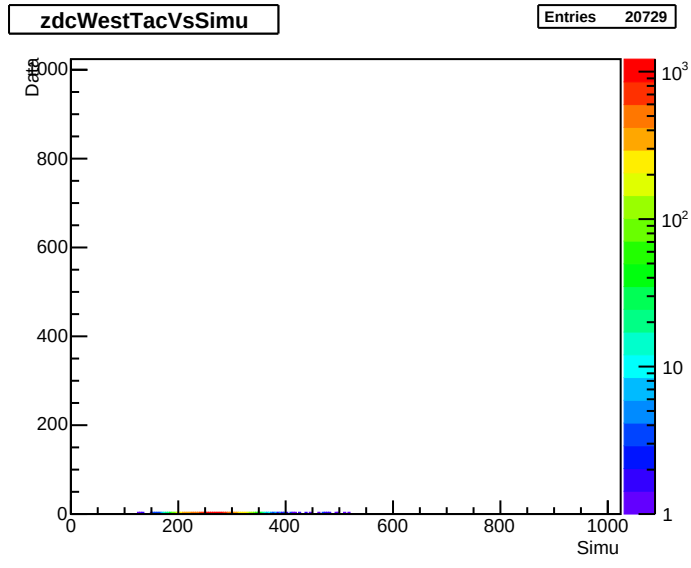

vpdWestTacSum
Entries 472484

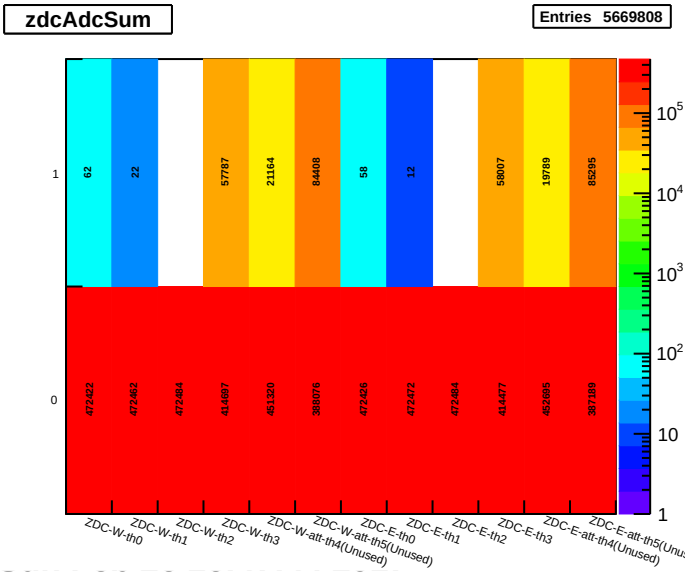

vpdWestTacSumVsSimu
Entries 306983
Data
Simu

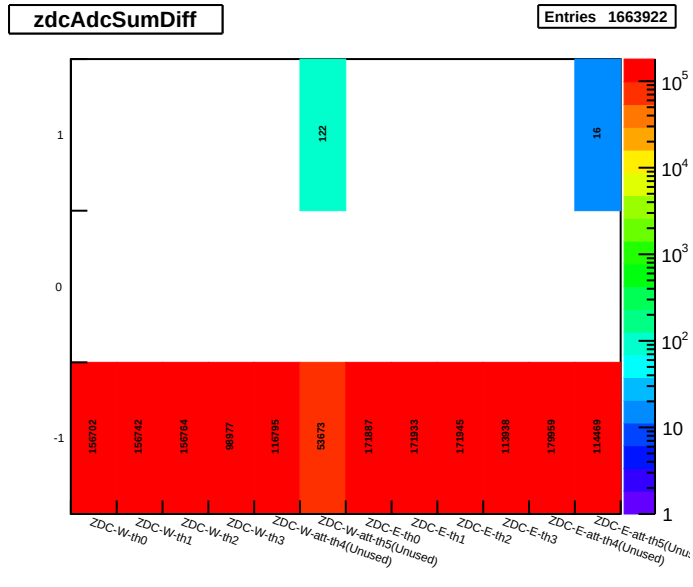

zdcEastTac
Entries 472484

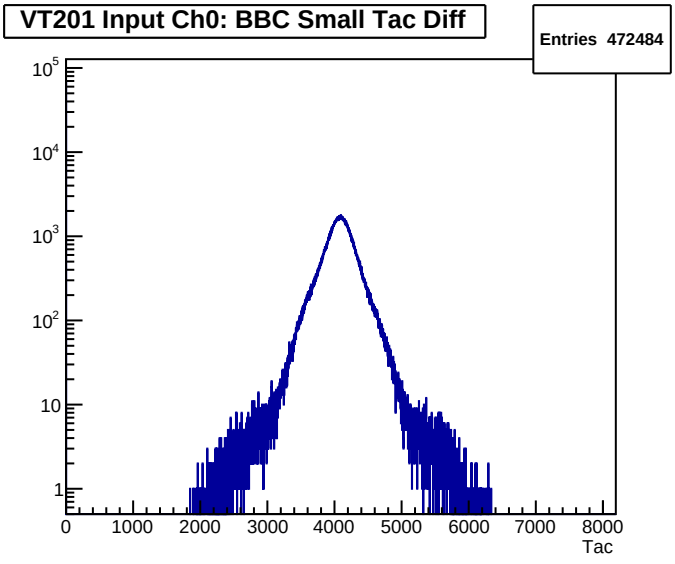

zdcEastTacVsSimu
Entries 24094
Data
Simu

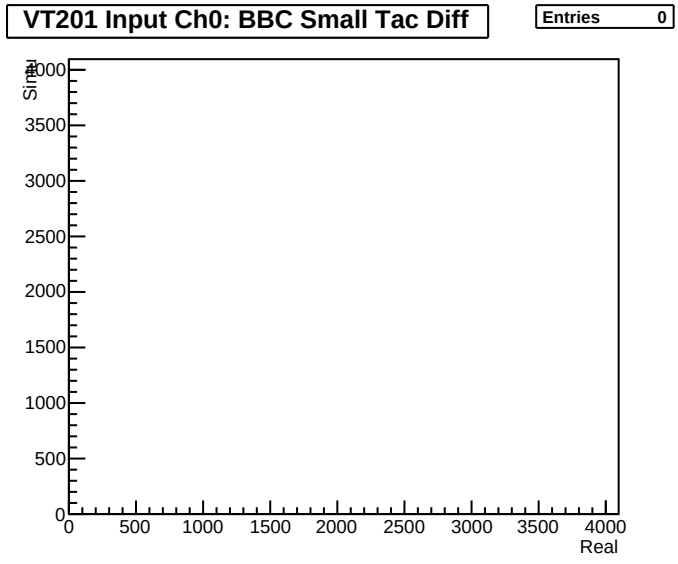

zdcWestTac
Entries 472484

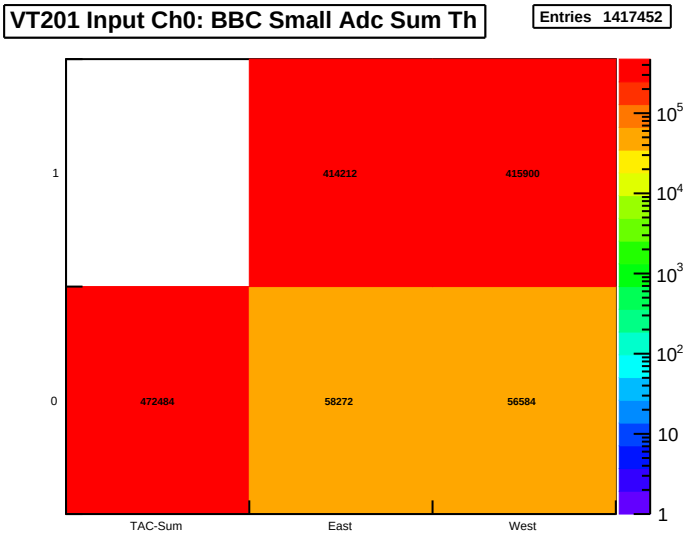

zdcWestTacVsSimu
Entries 20729
Data
Simu

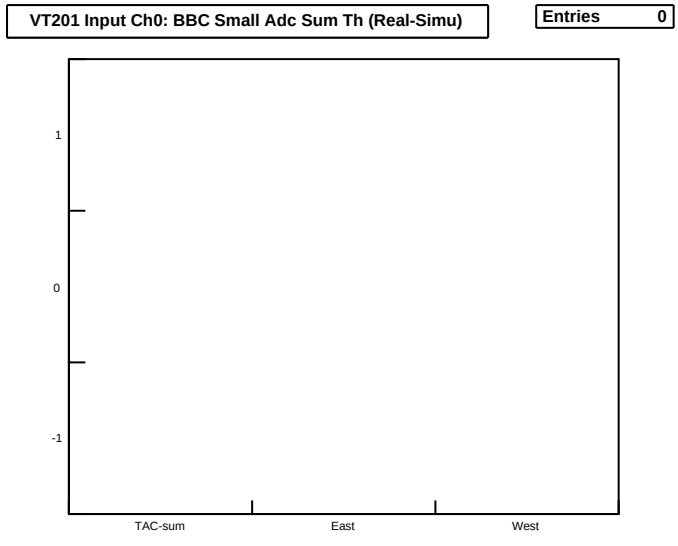

zdcAdcSum
Entries 5669808
62
22
57787
21164
84408
58
12
58007
19789
85295
472422
472462
472484
414697
451320
388076
472426
472472
472484
414477
452695
387189
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

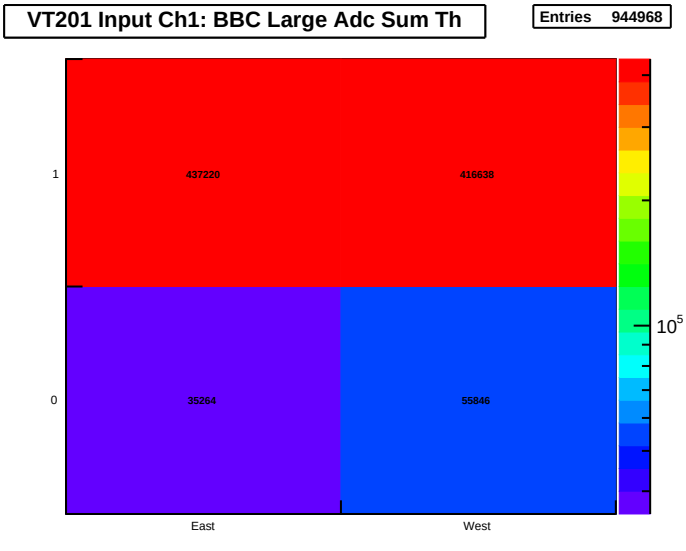

zdcAdcSumDiff
Entries 1663922
122
16
155702
155742
155764
98977
116795
53673
171887
171933
171945
113938
179959
114469
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

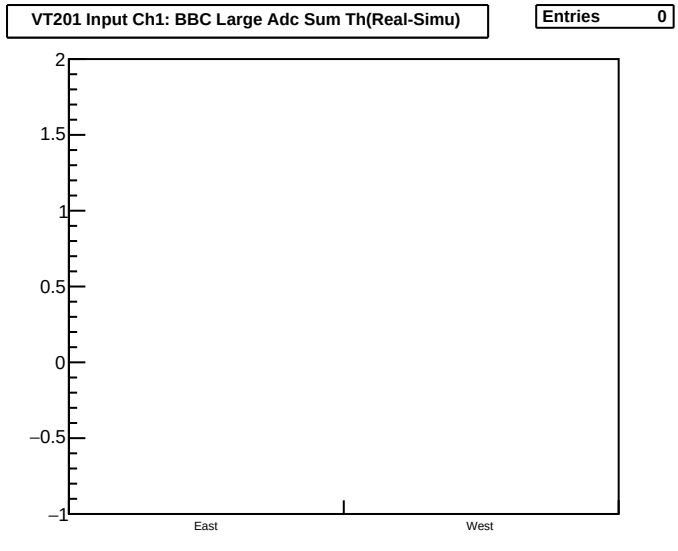

VT201 Input Ch0: BBC Small Tac Diff
Entries 472484
Tac


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

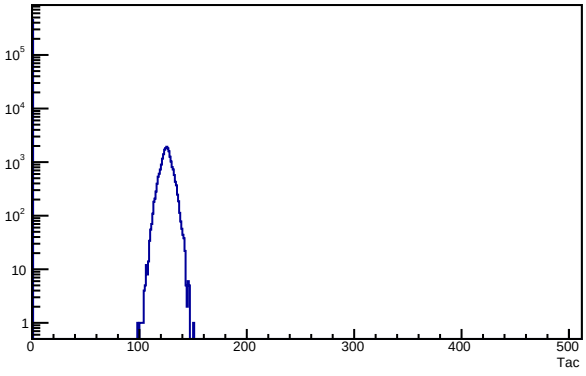

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1417452
414212
415900
472484
58272
56584
TAC-Sum
East
West


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

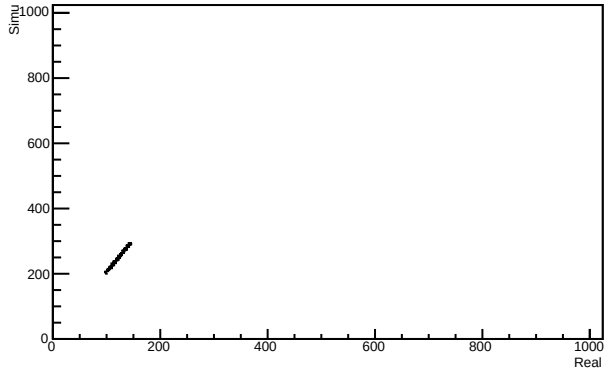

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 944968
437220
416638
35264
55846
East
West


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

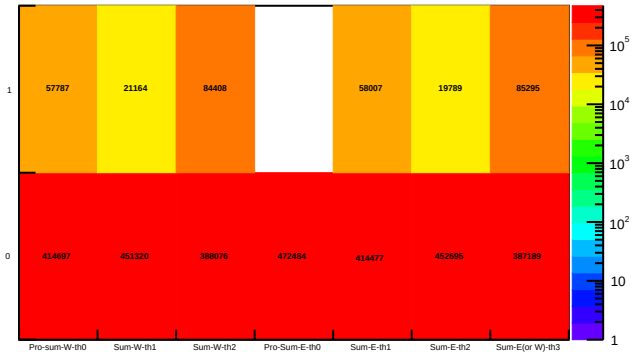
VT201 Input Ch2: ZDC Tac Diff



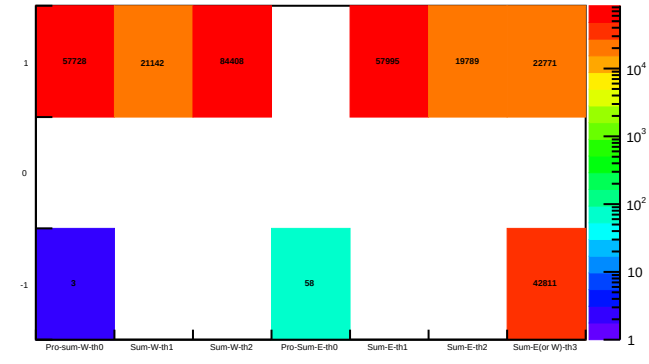
VT201 Input Ch2: ZDC Tac Diff



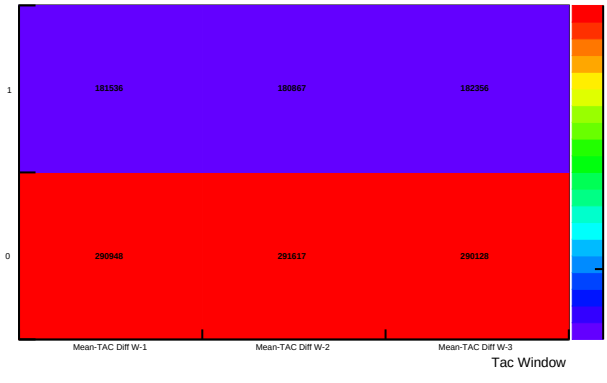
VT201 Input Ch2: ZDC Adc Sum Th



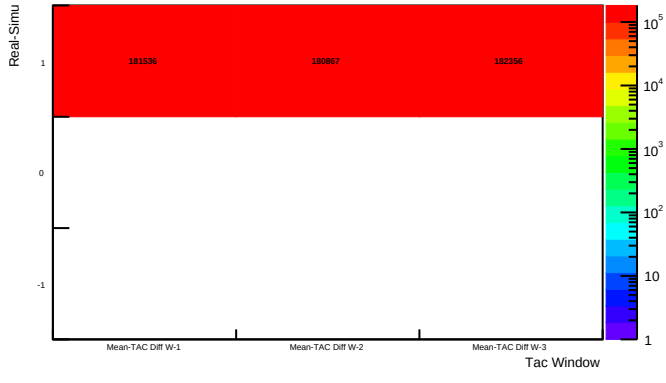
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



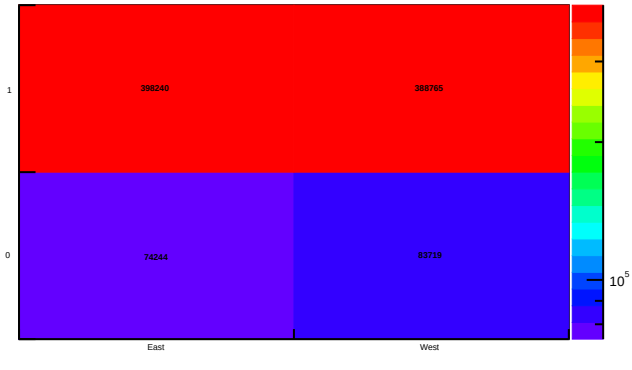
VT201 Input Ch4: VPD Tac Diff



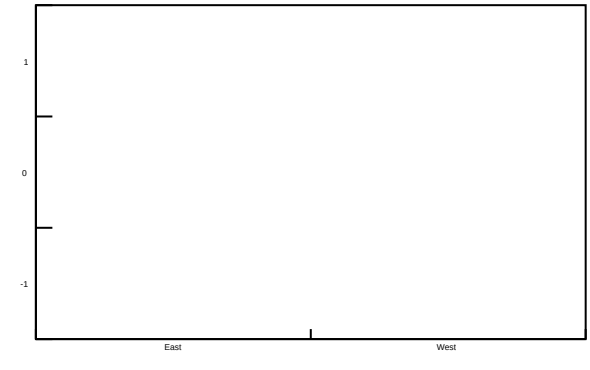
VT201 Input Ch4: VPD Tac Diff

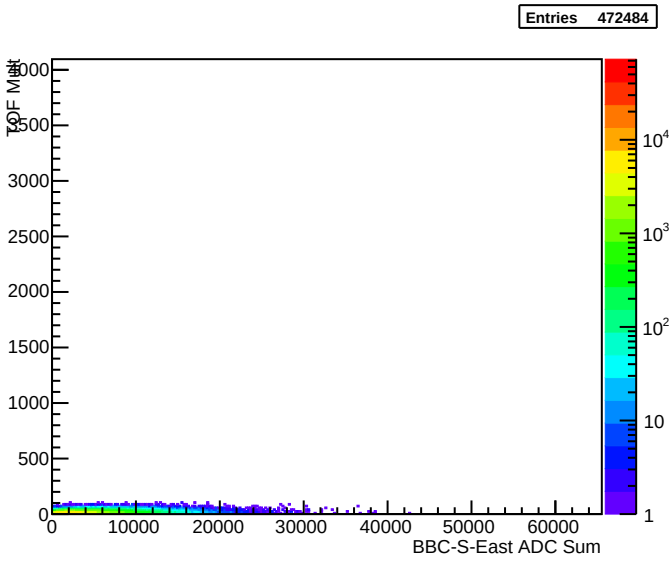


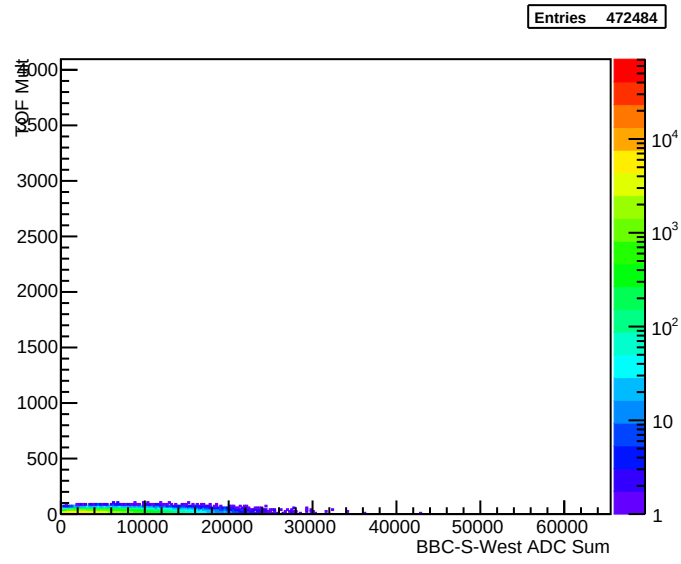
VT201 Input Ch4: VPD Adc Sum Th

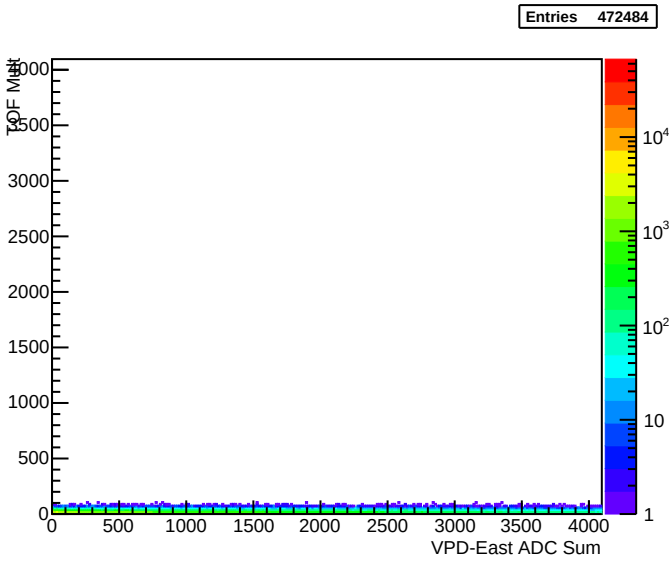


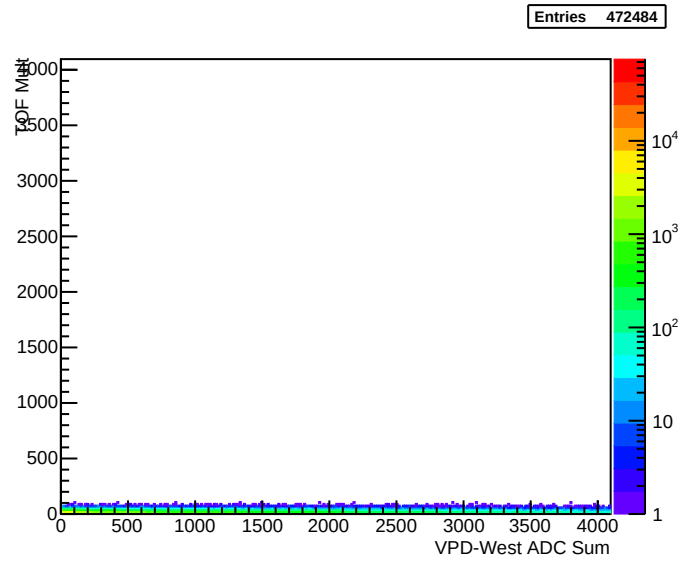
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

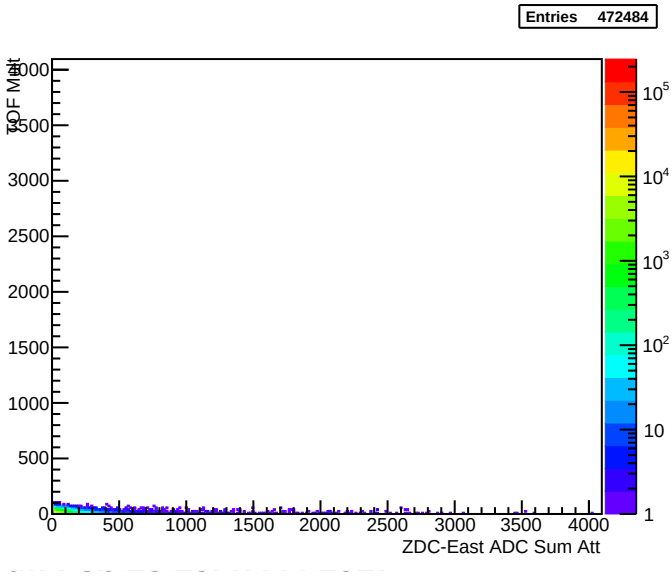


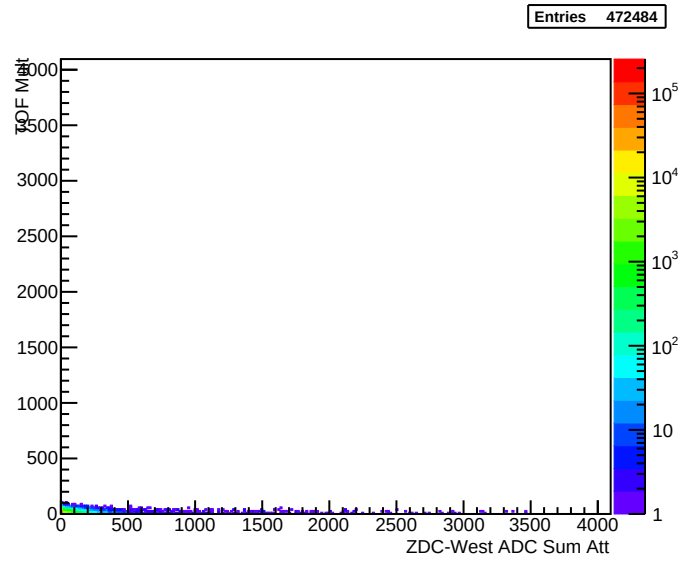

Entries 472484
TOF Mult
BBC-S-East ADC Sum

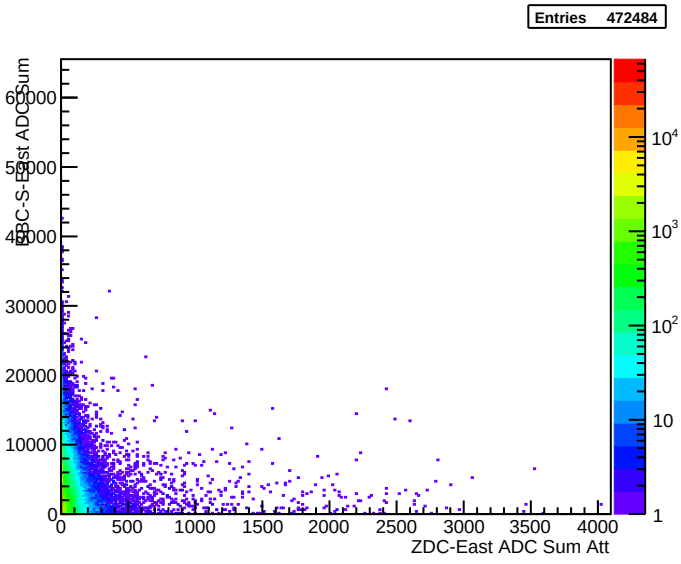

Entries 472484
TOF Mult
BBC-S-West ADC Sum

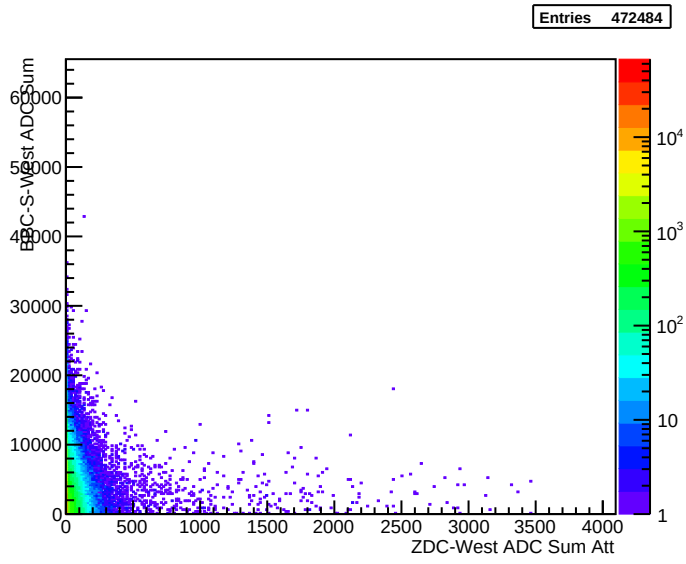

Entries 472484
TOF Mult
VPD-East ADC Sum

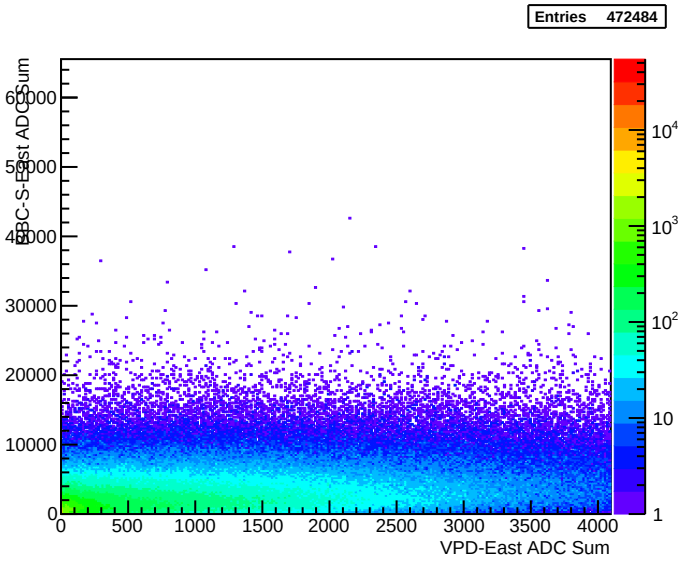

Entries 472484
TOF Mult
VPD-West ADC Sum

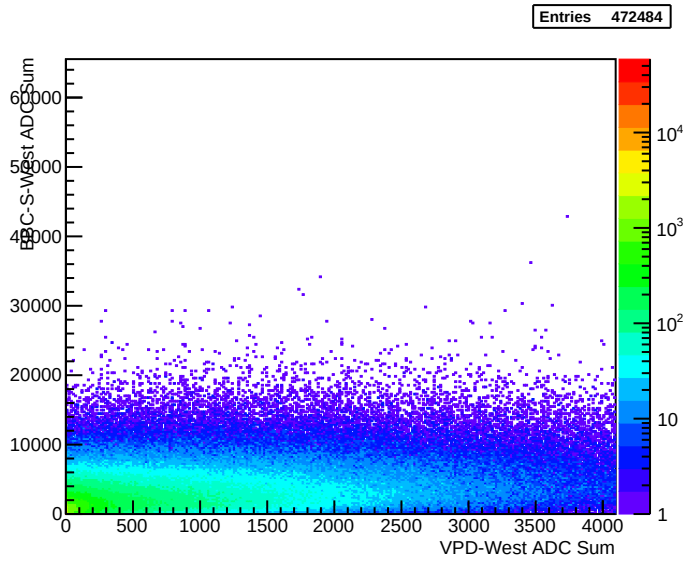

Entries 472484
TOF Mult
ZDC-East ADC Sum Att

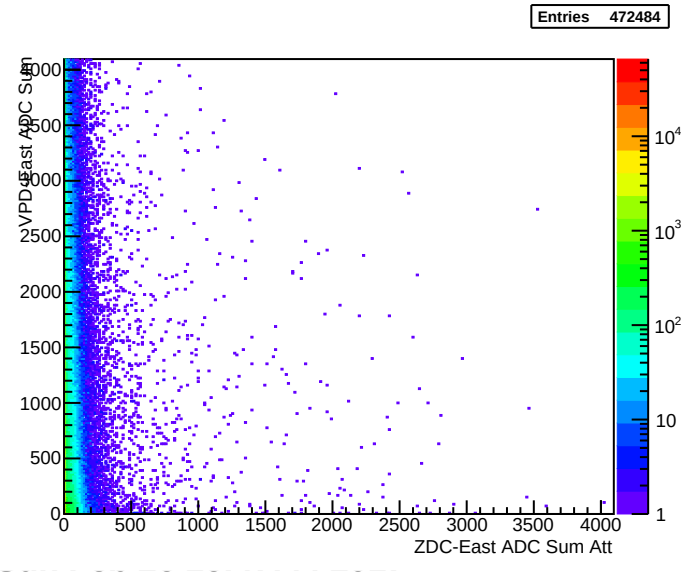

Entries 472484
TOF Mult
ZDC-West ADC Sum Att

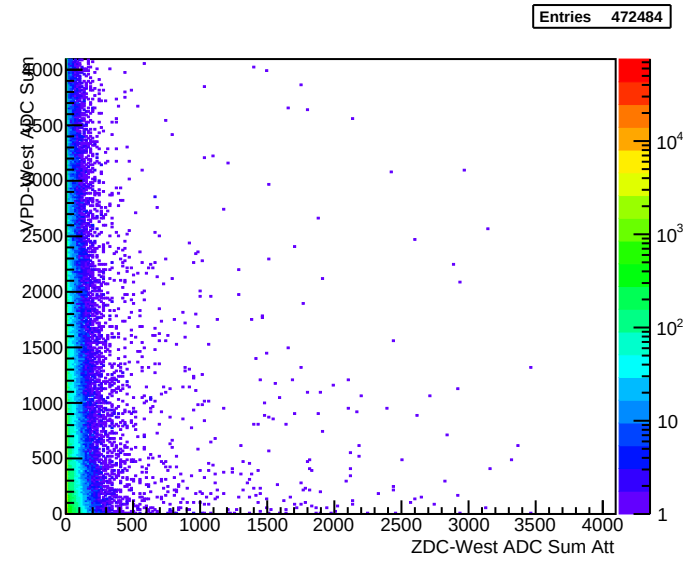

Entries 472484
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

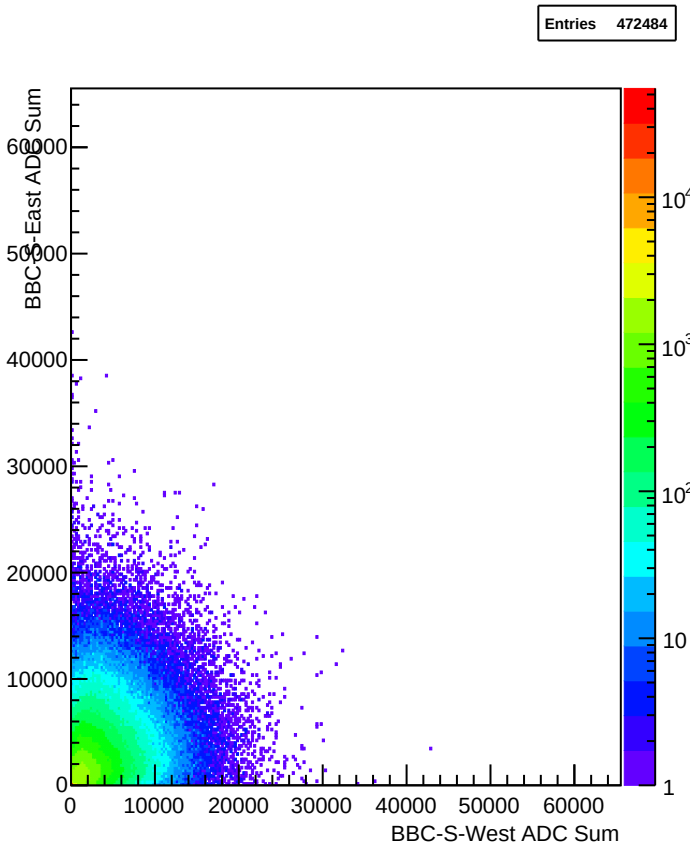

Entries 472484
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

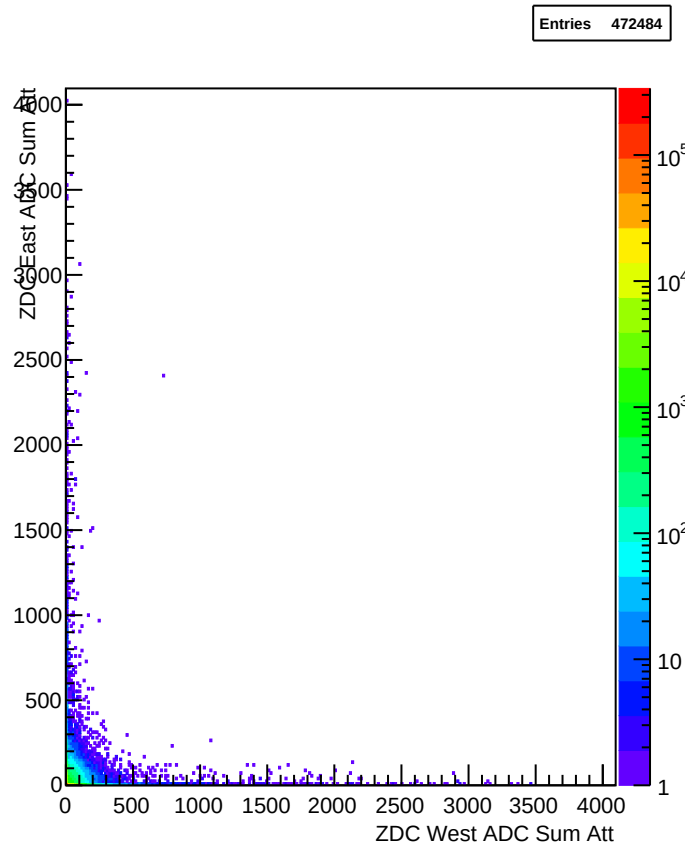

Entries 472484
BBC-S-East ADC Sum
VPD-East ADC Sum

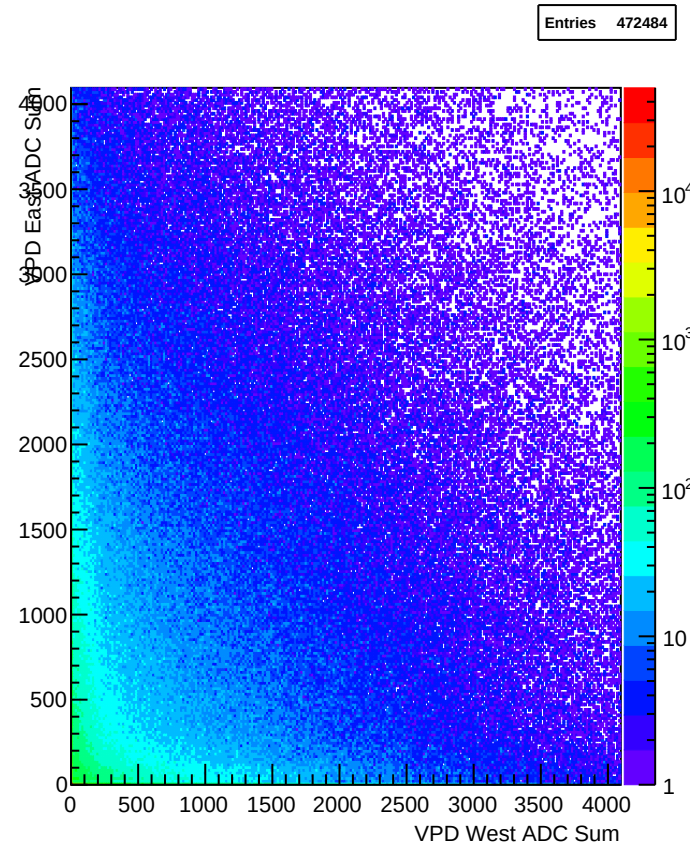

Entries 472484
BBC-S-West ADC Sum
VPD-West ADC Sum

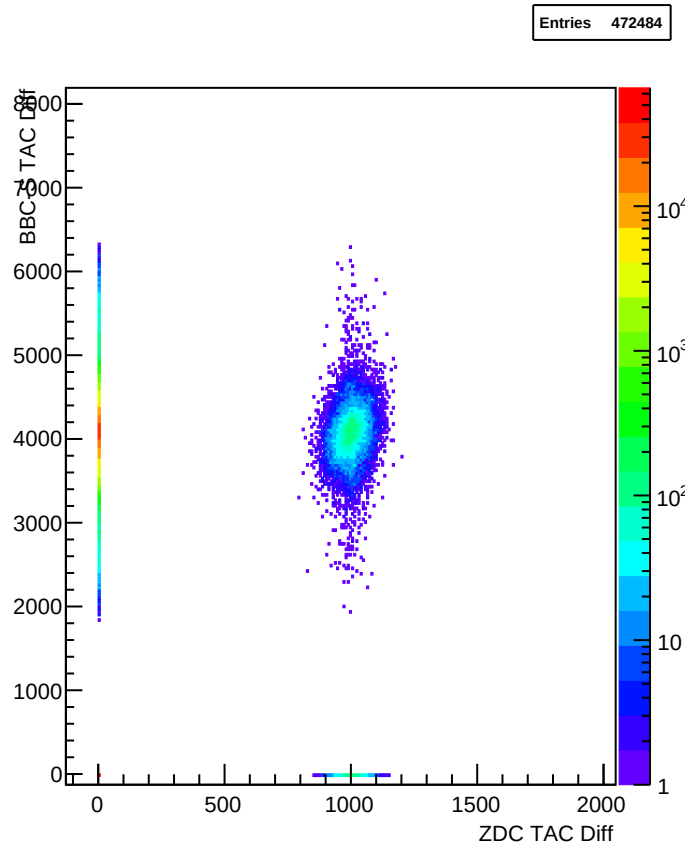

Entries 472484
VPD-East ADC Sum
ZDC-East ADC Sum Att

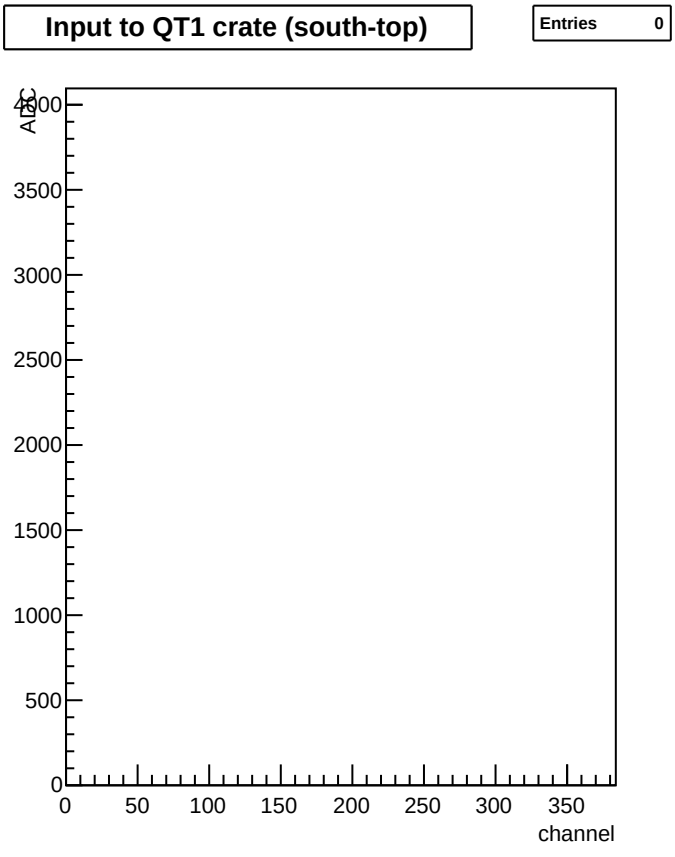

Entries 472484
VPD-West ADC Sum
ZDC-West ADC Sum Att

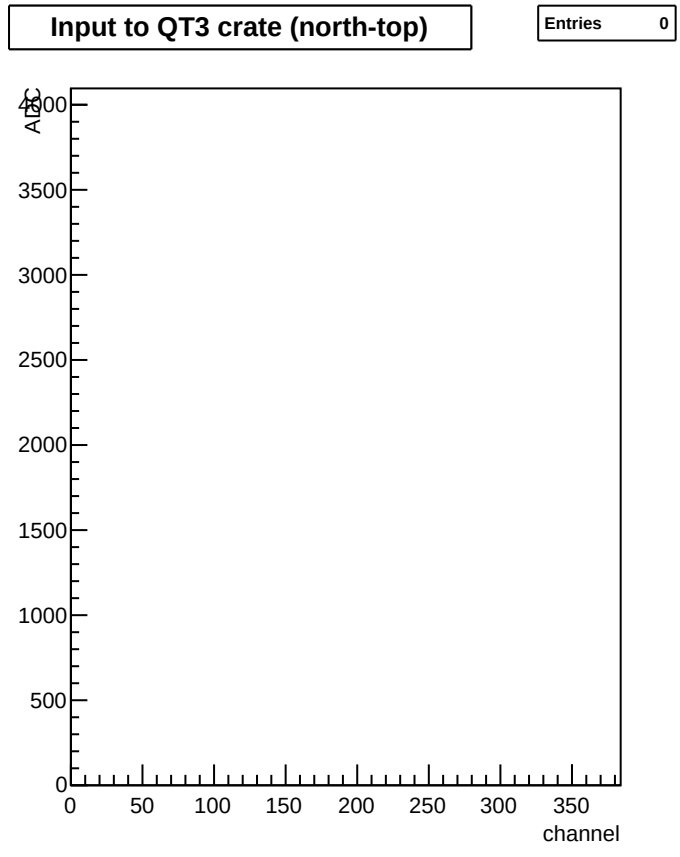

Entries 472484
BBC-S-East ADC Sum
BBC-S-West ADC Sum

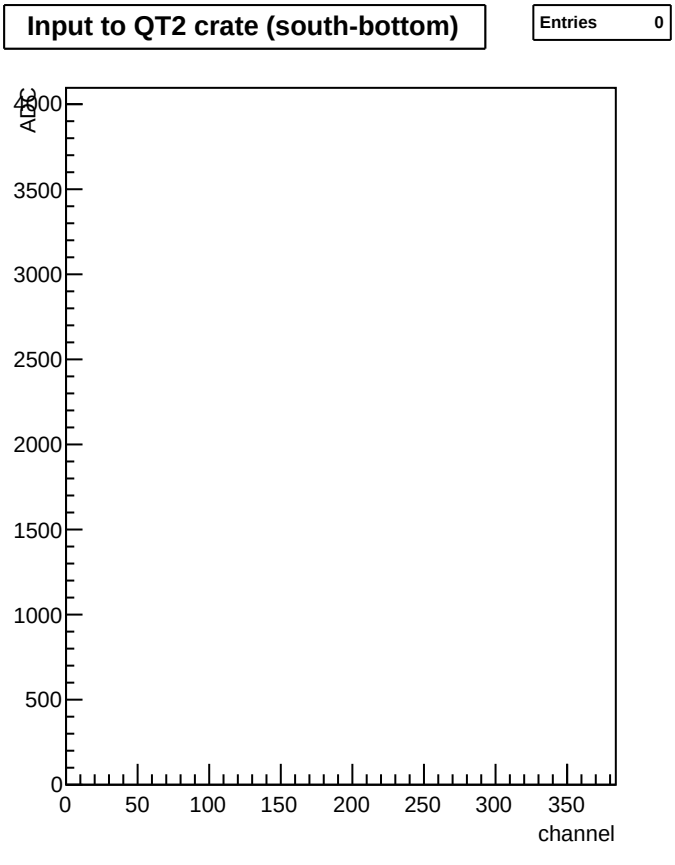

Entries 472484
ZDC East ADC Sum Att
ZDC West ADC Sum Att

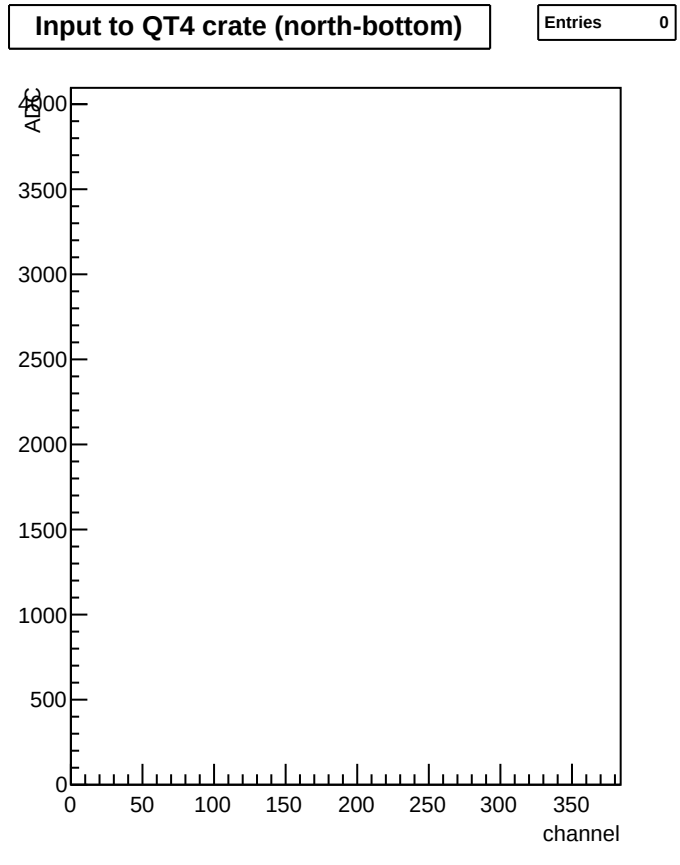

Entries 472484
VPD East ADC Sum
VPD West ADC Sum

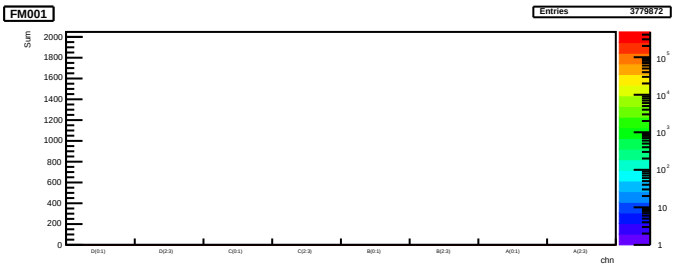

Entries 472484
BBC-S TAC Diff
ZDC TAC Diff

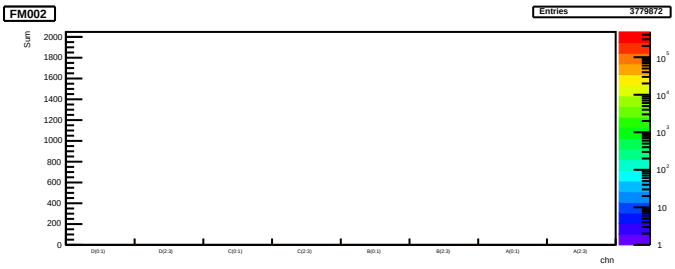

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

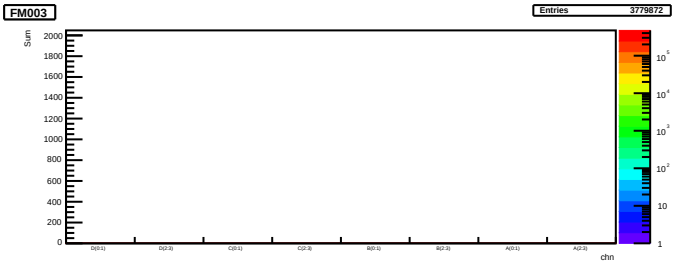

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

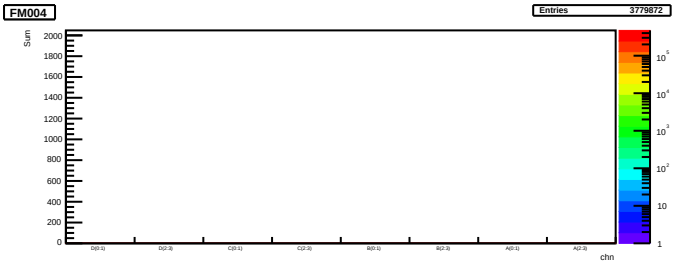

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

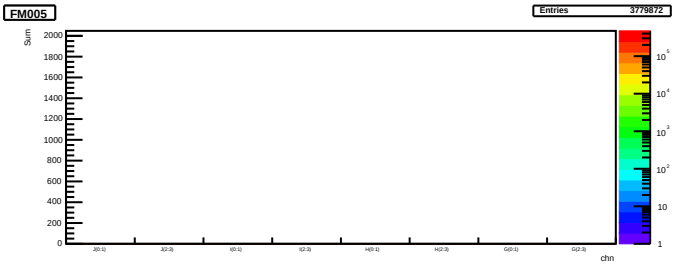

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

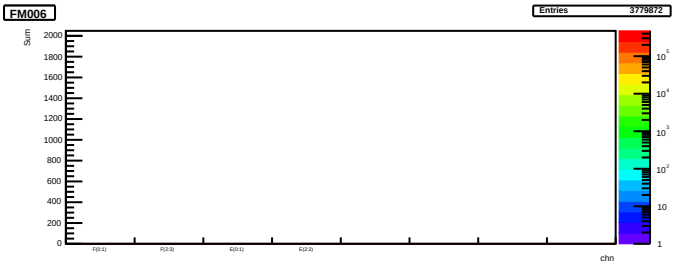

FM001
Entries 3779872
Sum
chn

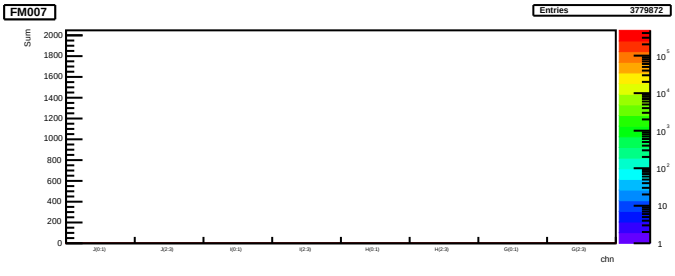

FM002
Entries 3779872
Sum
chn

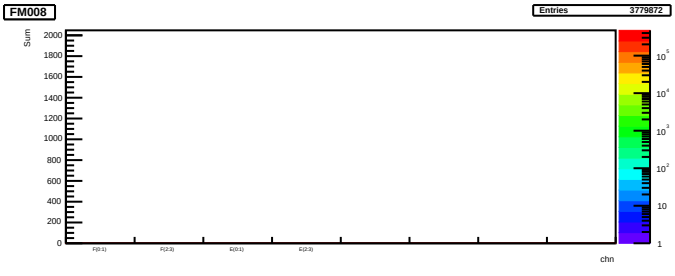

FM003
Entries 3779872
Sum
chn

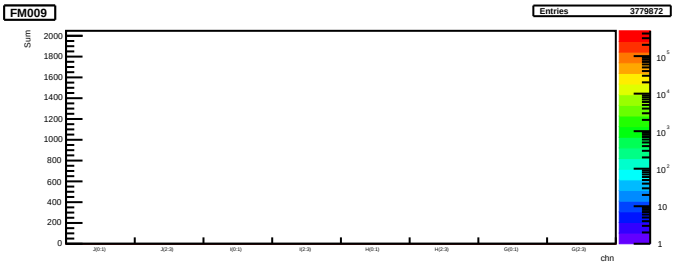

FM004
Entries 3779872
Sum
chn

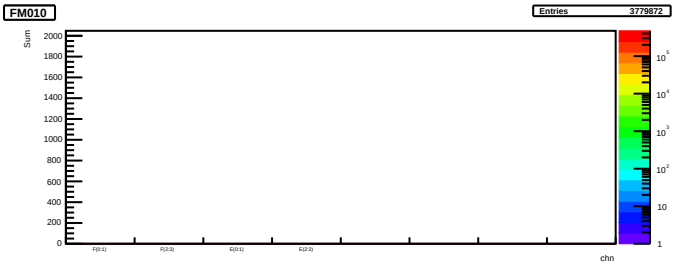

FM005
Entries 3779872
Sum
chn

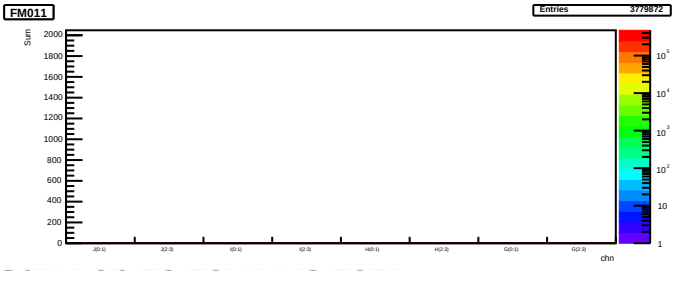

FM006
Entries 3779872
Sum
chn

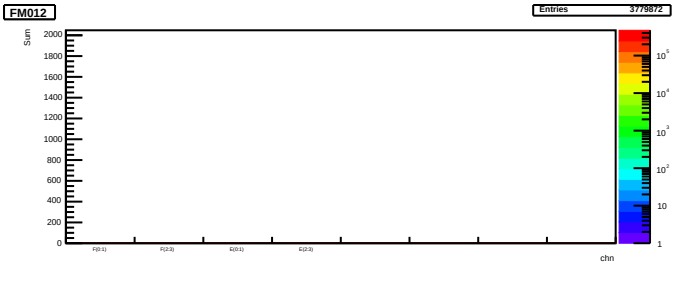

FM007
Entries 3779872
Sum
chn

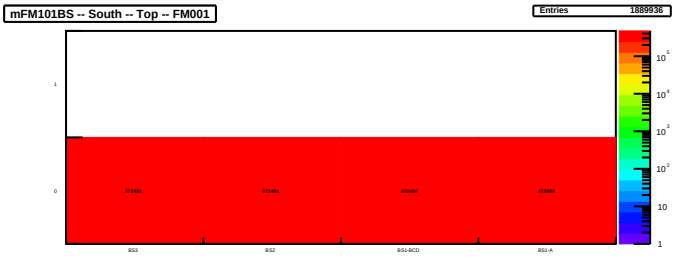

FM008
Entries 3779872
Sum
chn


FM009
Entries 3779872
Sum
chn


FM010
Entries 3779872
Sum
chn


FM011
Entries 3779872
Sum
chn


FM012
Entries 3779872
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 1889936
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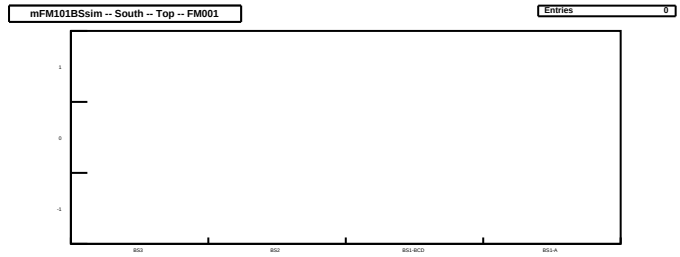
472484
472484
472484
BS3
BS2
BS1-BCD
BS1-A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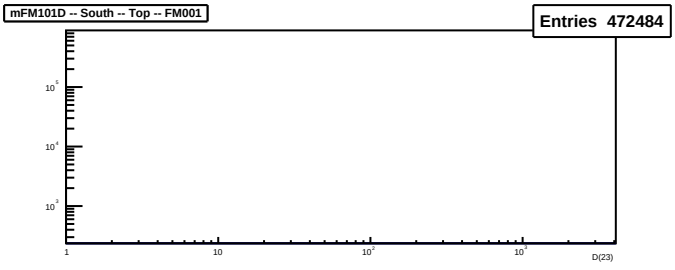
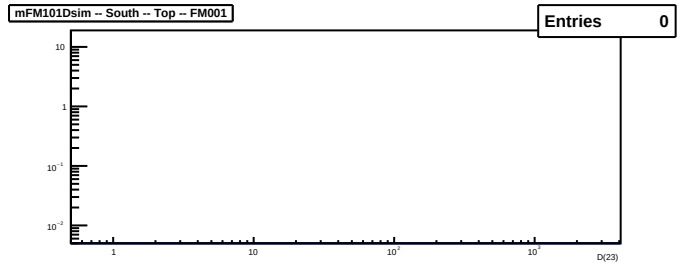
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Top -- FM001
Entries 472484
D(23)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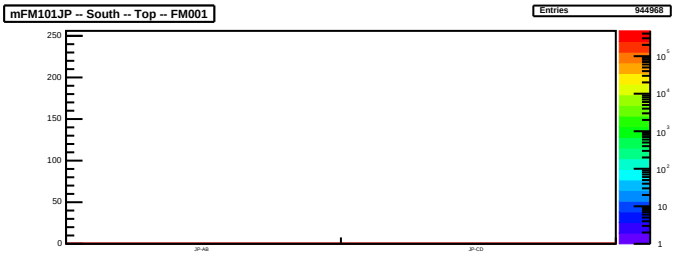
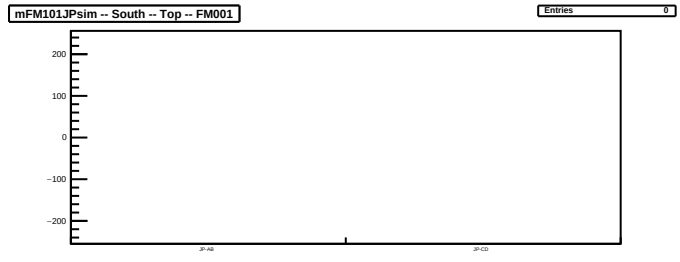
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 944968
JP-AB
JP-CD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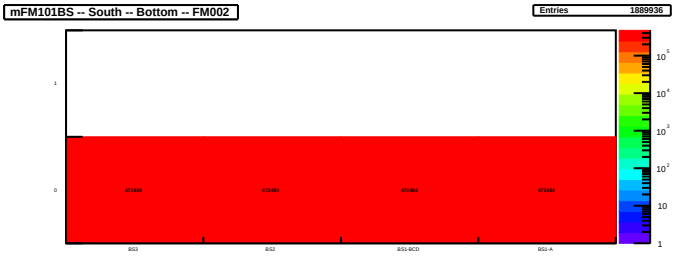
Entries 0
JP-AB
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 1889936
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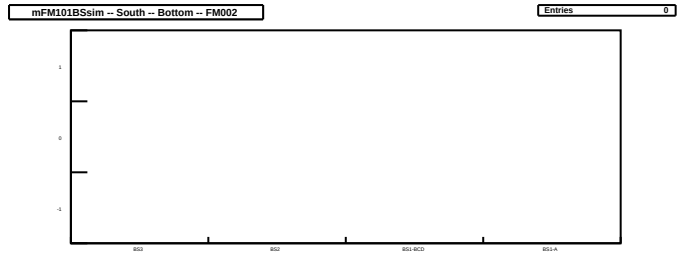
472484
472484
472484
BS3
BS2
BS1-BCD
BS1-A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Entries 0
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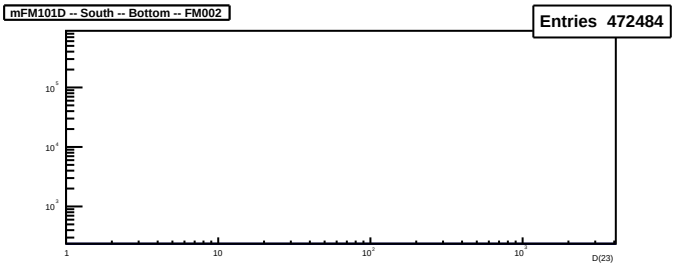
BS2
BS1-BCD
BS1-A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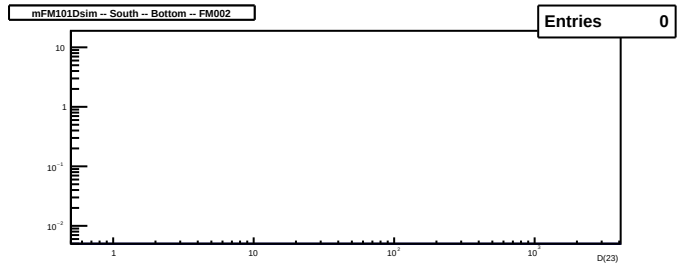
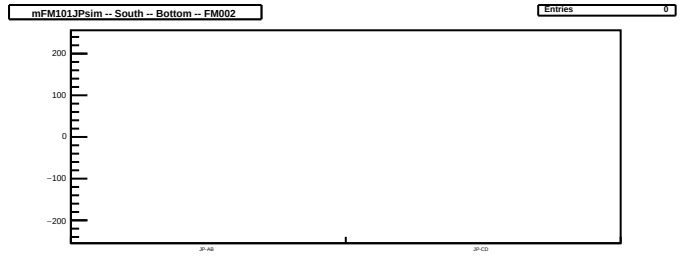
Entries 472484
D(23)


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

mFM101JP -- South -- Bottom -- FM002
Entries 944968
JP-AB
JP-CD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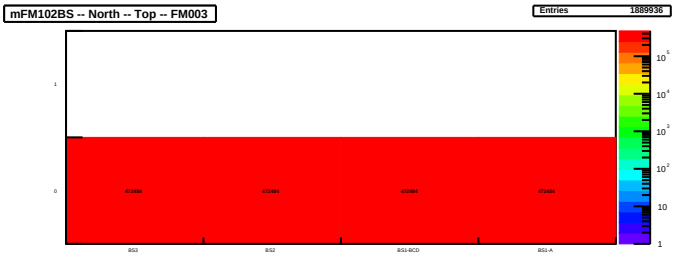
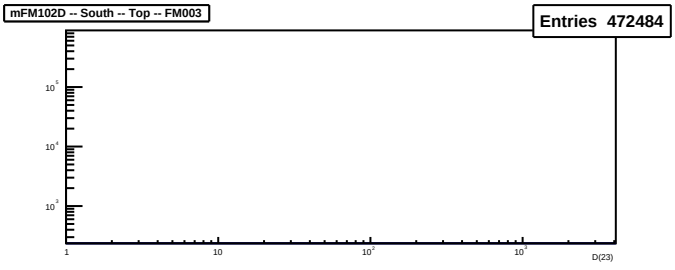
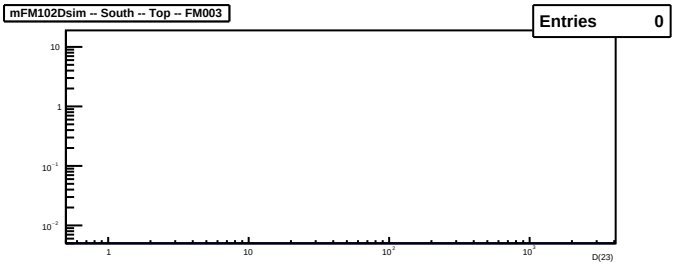
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 1889936
472484
472484
472484
472484
BS3
BS2
BS1-BCD
BS1-A

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


mFM102D -- South -- Top -- FM003
Entries 472484
D(23)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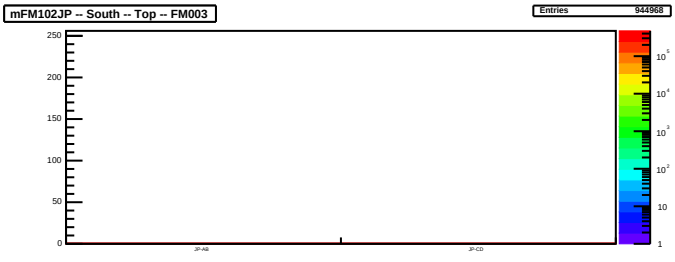
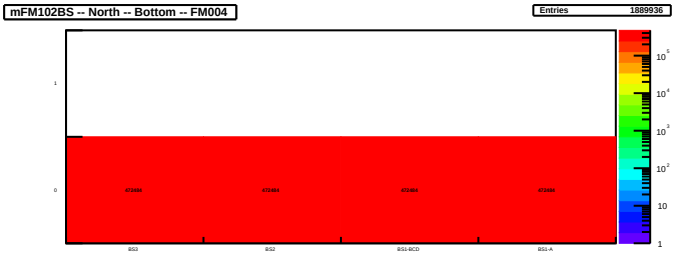
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 944968
JP-AB
JP-CD

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


mFM102BS -- North -- Bottom -- FM004
Entries 1889936
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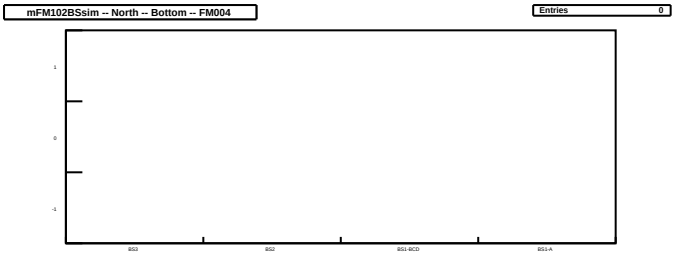
472484
472484
472484
BS3
BS2
BS1-BCD
BS1-A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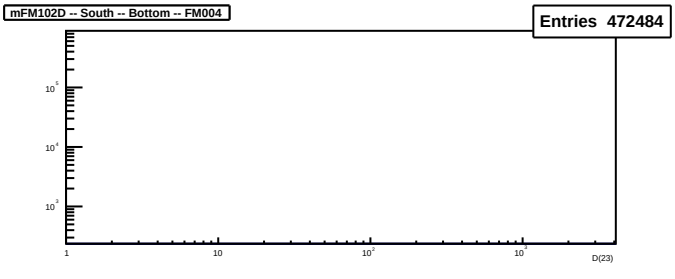
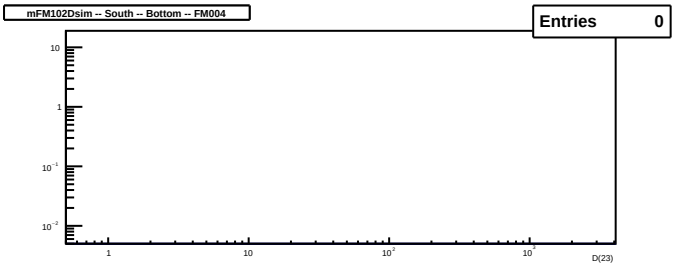
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 472484
D(23)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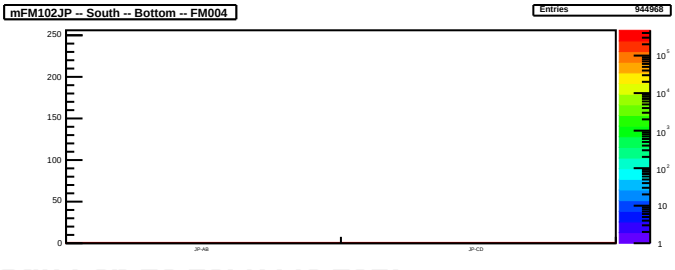
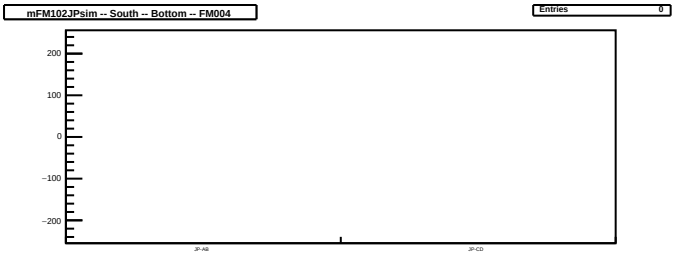
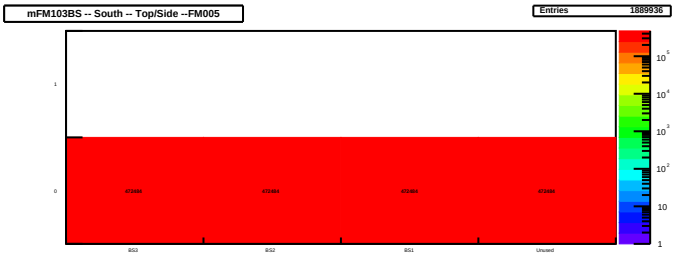
Entries 0
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 944968
JP-AB
JP-CD


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


mFM103BS -- South -- Top/Side --FM005
Entries 1889936
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472484
472484
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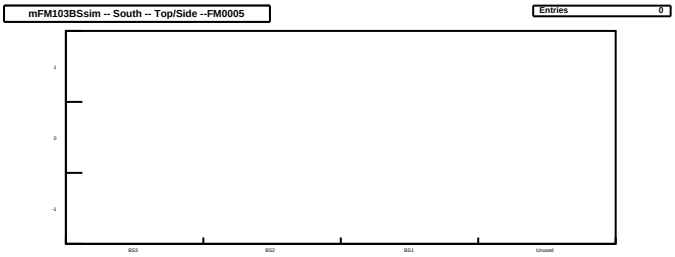
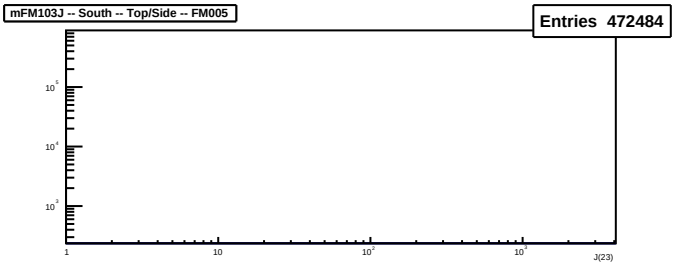
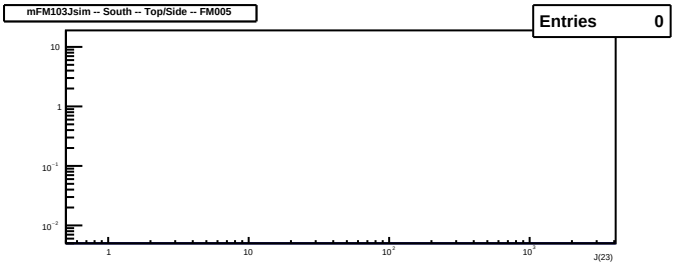
BS3
BS2
BS1
Unused


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


mFM103J -- South -- Top/Side -- FM005
Entries 472484
J(23)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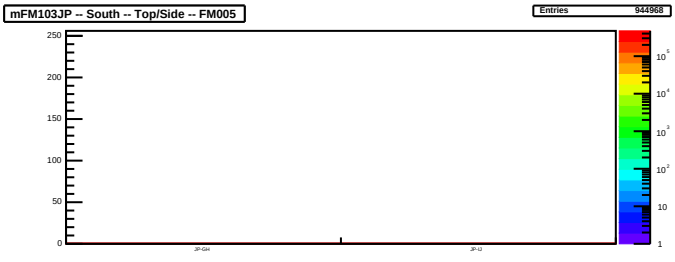
Entries 0
J(23)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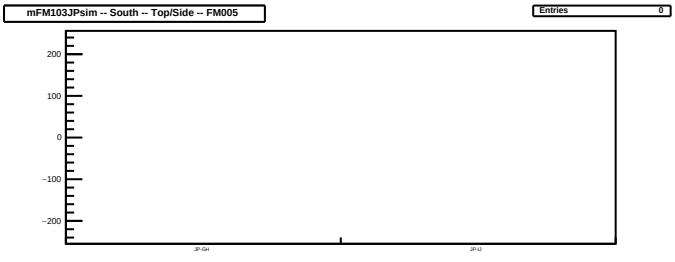
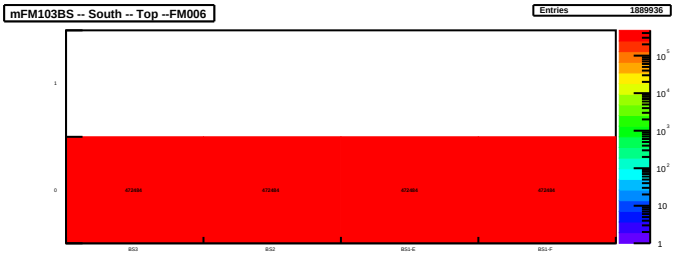
Entries 944968
JP-GH
JP-IJ


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


mFM103BS -- South -- Top --FM006
Entries 1889936
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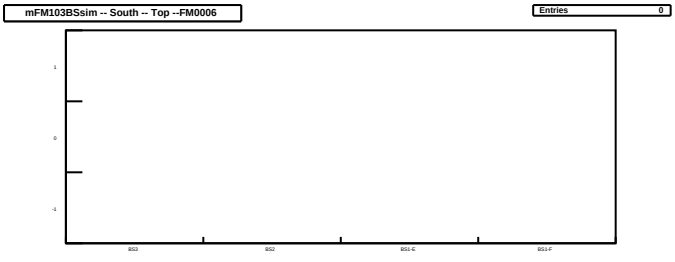
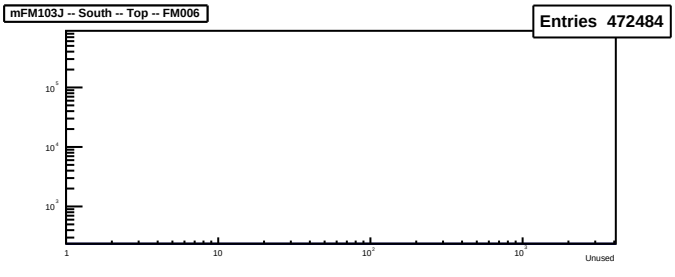
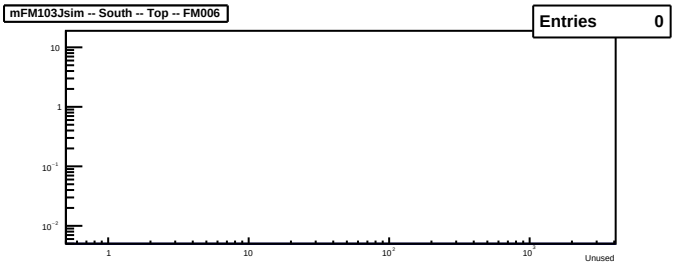
472484
472484
472484
BS3
BS2
BS1-E
BS1-F


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


mFM103J -- South -- Top -- FM006
Entries 472484
Unused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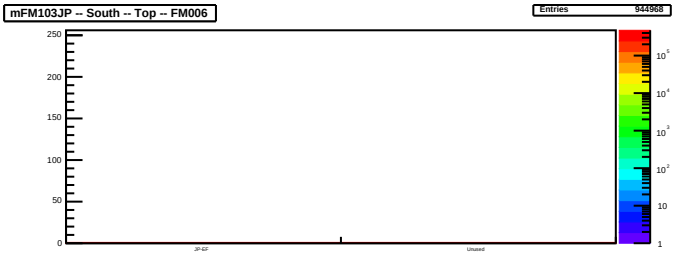
Entries 0
Unused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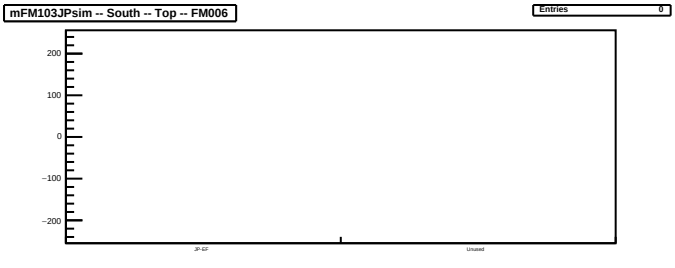
Entries 944968
JP-EF
Unused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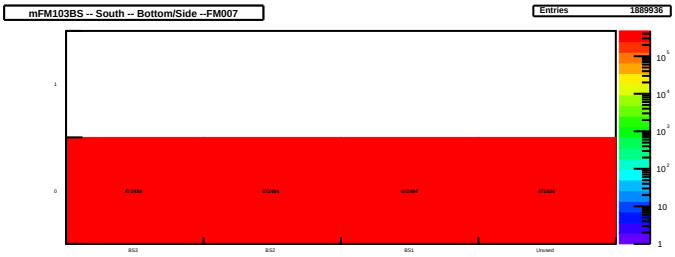
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 1889936
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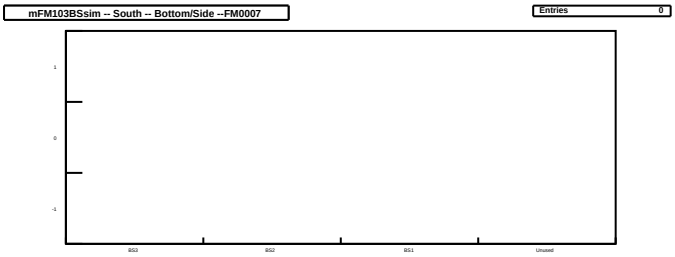
472484
472484
472484
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 0
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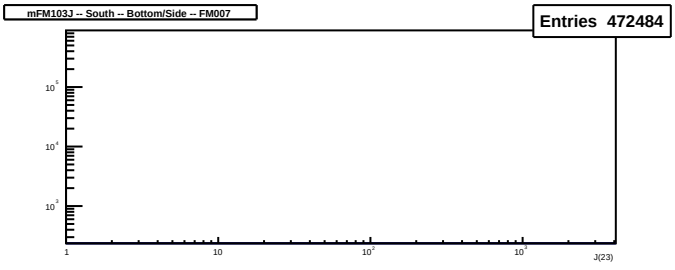
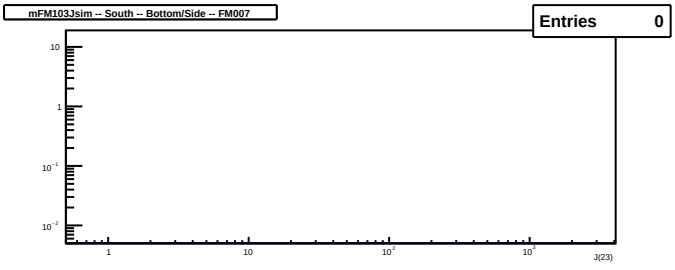
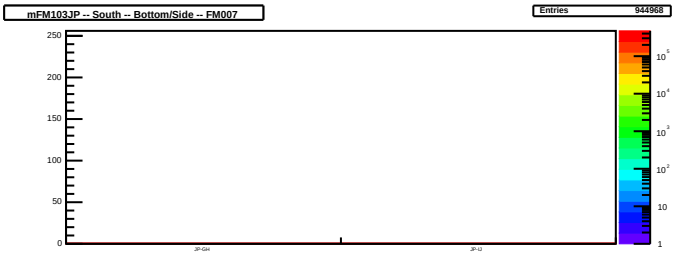
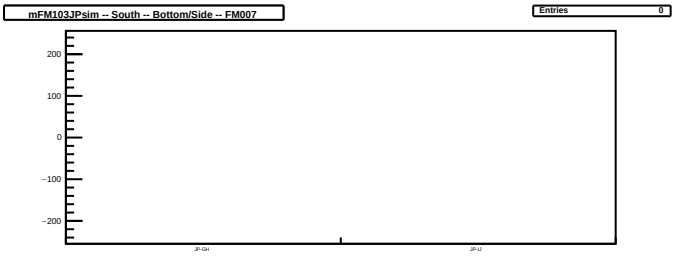
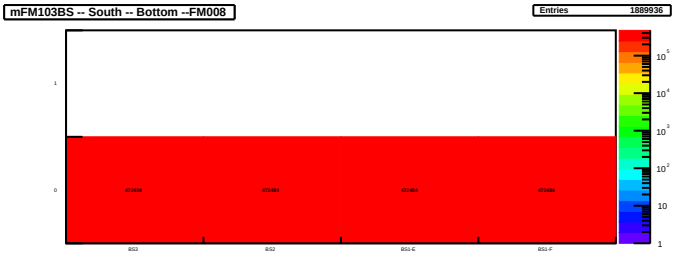
BS2
BS1
Unused

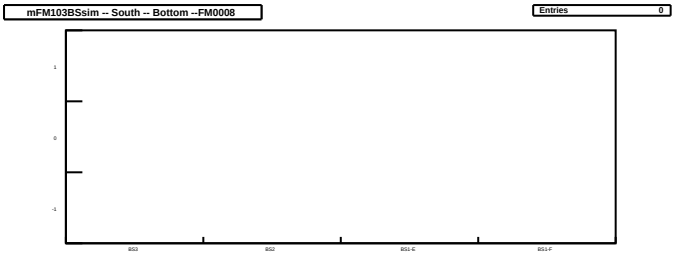

mFM103J -- South -- Bottom/Side -- FM007
Entries 472484
J(23)


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


mFM103JP -- South -- Bottom/Side -- FM007
Entries 944968
JP-GH
JP-IJ


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


mFM103BS -- South -- Bottom --FM008
Entries 1889936
472484
472484
472484
472484
BS3
BS2
BS1-E
BS1-F


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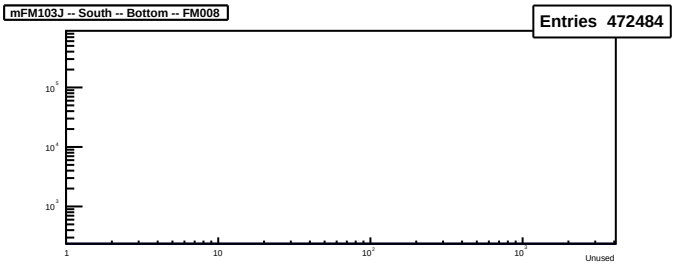
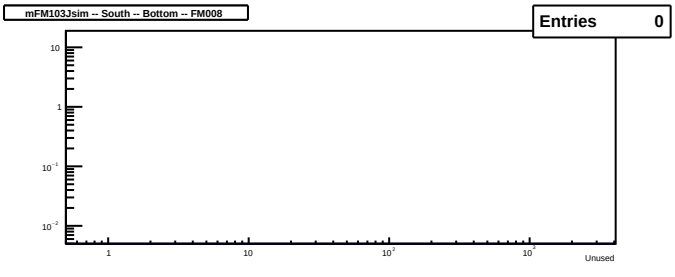
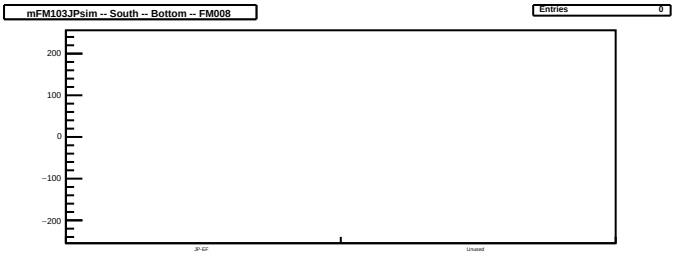
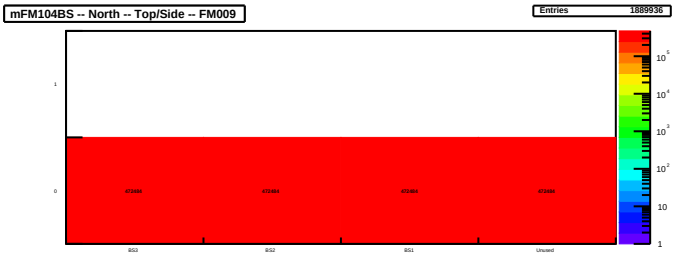
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 472484
Unused


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

mFM103JP -- South -- Bottom -- FM008
Entries 944968
JP-EF
Unused


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


mFM104BS -- North -- Top/Side -- FM009
Entries 1889936
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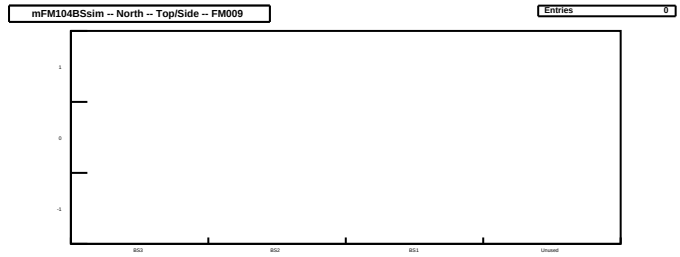
472484
472484
472484
BS3
BS2
BS1
Unused


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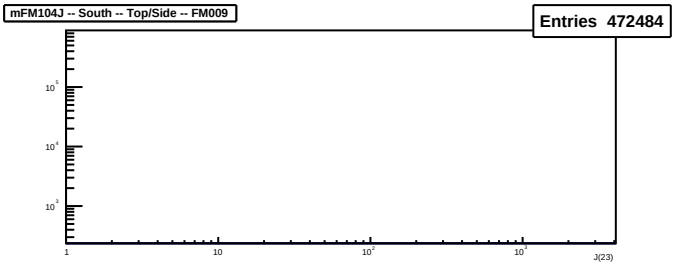
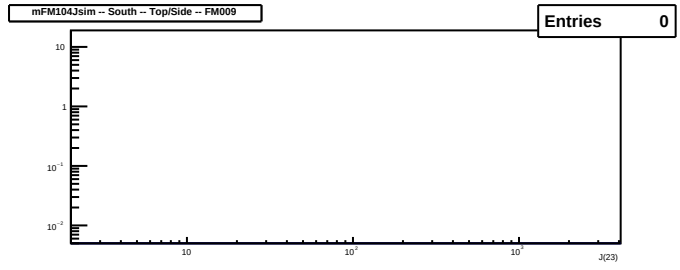
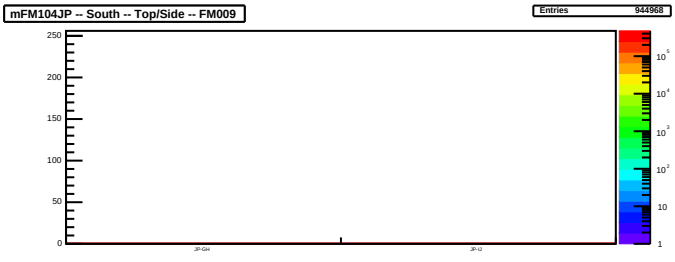
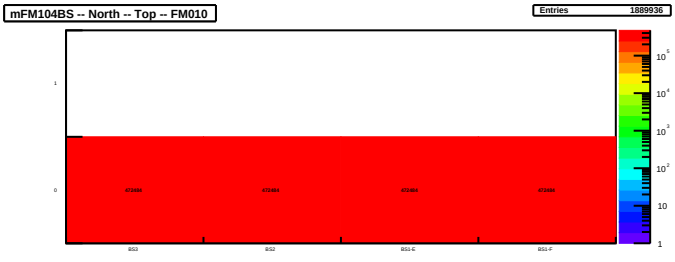
Unused

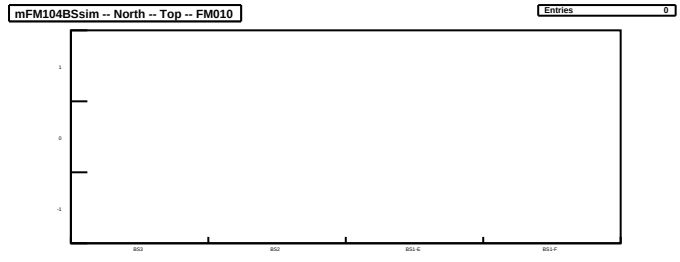

mFM104J -- South -- Top/Side -- FM009
Entries 472484
J(23)

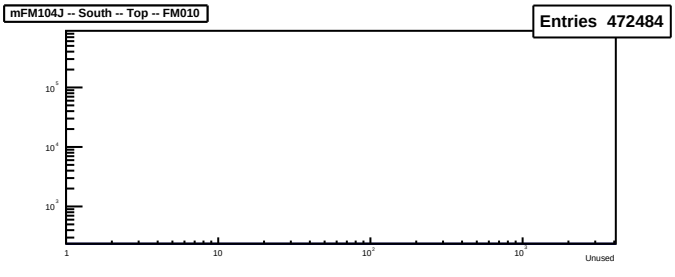

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

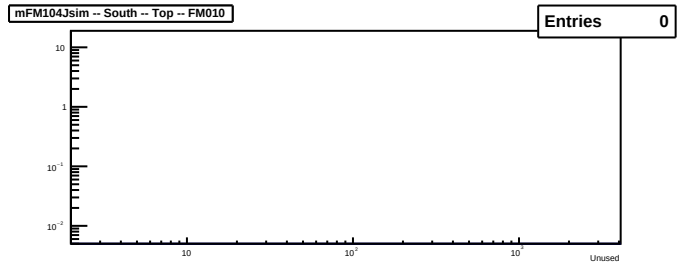

mFM104JP -- South -- Top/Side -- FM009
Entries 944968
JP-GH
JP-IJ

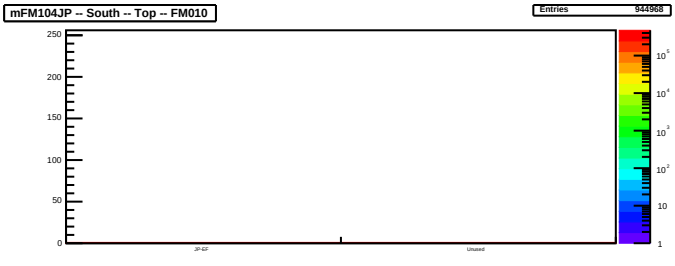
mFM104JPsim -- South -- Top/Side -- FM009
Entries 0
JP-GH
JP-IJ


mFM104BS -- North -- Top -- FM010
Entries 1889936
472484
472484
472484
472484
BS3
BS2
BS1-E
BS1-F

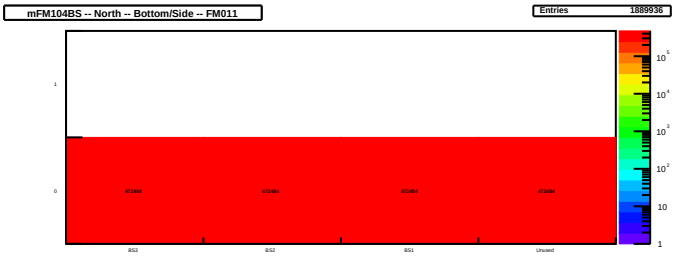

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

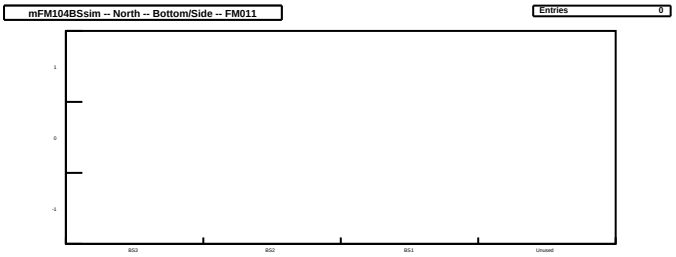

mFM104J -- South -- Top -- FM010
Entries 472484
Unused

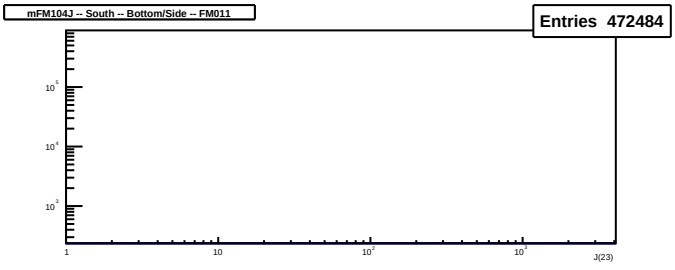

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

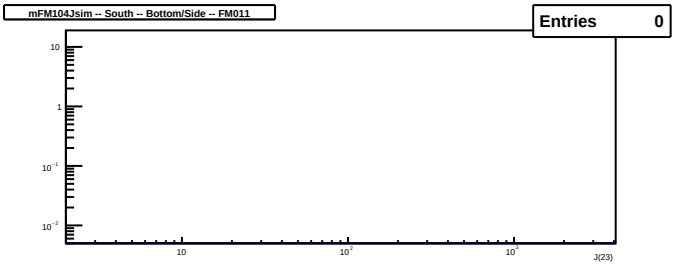

mFM104JP -- South -- Top -- FM010
Entries 944968
JP-EF
Unused

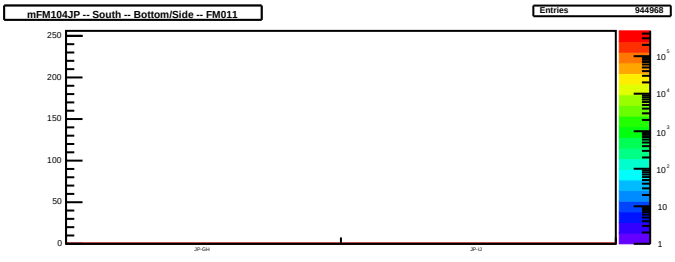
mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

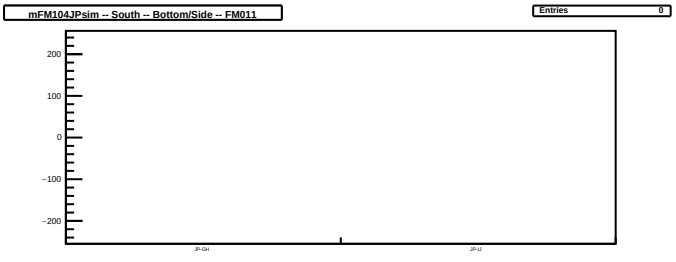

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1889936
472484
472484
472484
472484
BS3
BS2
BS1
Unused

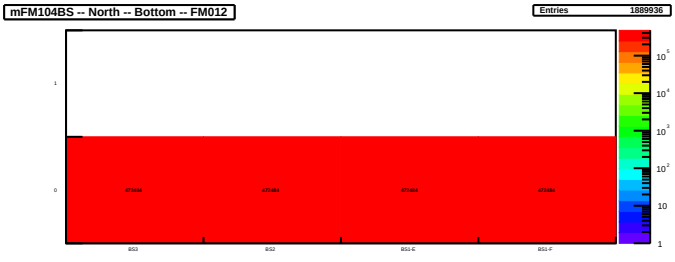

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

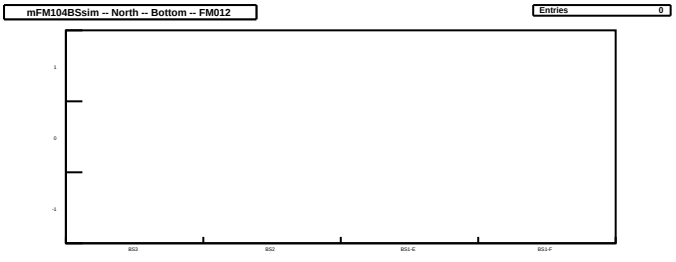

mFM104J -- South -- Bottom/Side -- FM011
Entries 472484
J(23)

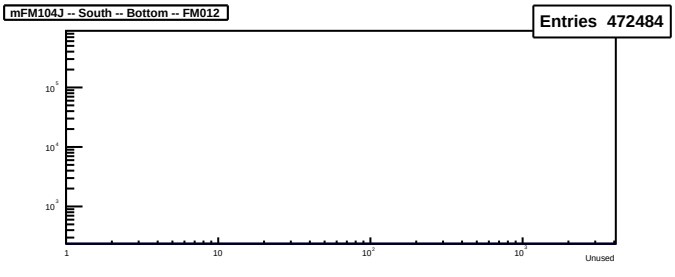

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

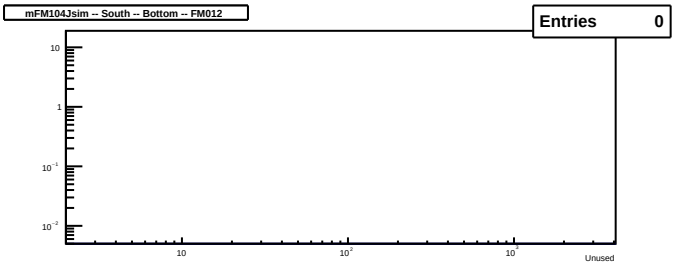

mFM104JP -- South -- Bottom/Side -- FM011
Entries 944968
JP-GH
JP-U


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


mFM104BS -- North -- Bottom -- FM012
Entries 1889936
472484
472484
472484
472484
BS3
BS2
BS1-E
BS1-F

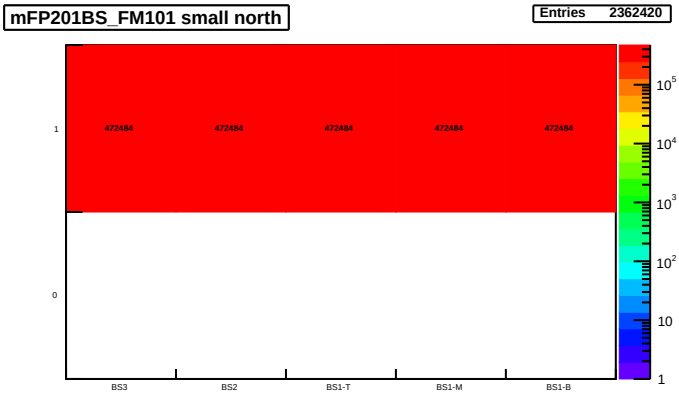

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

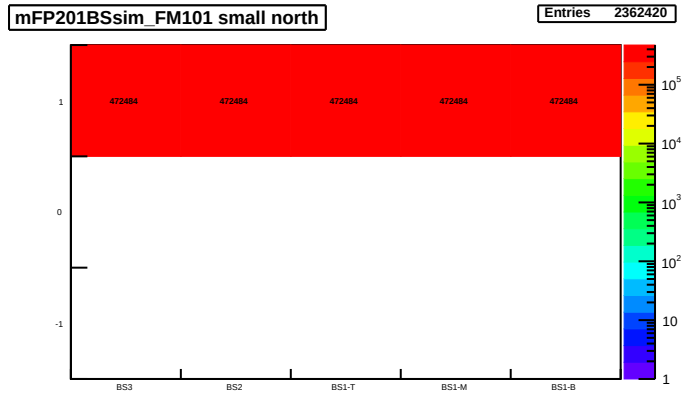

mFM104J -- South -- Bottom -- FM012
Entries 472484
Unused

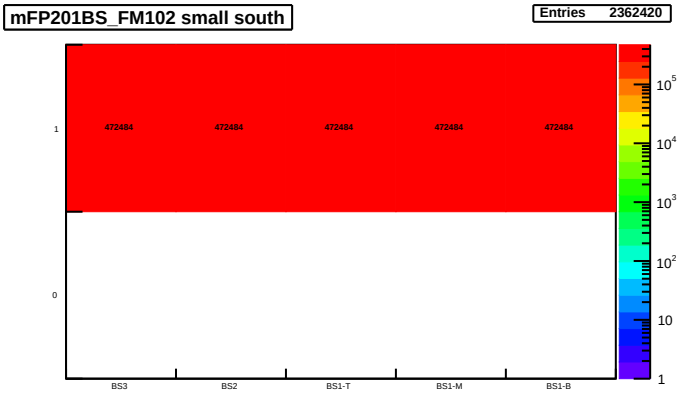

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

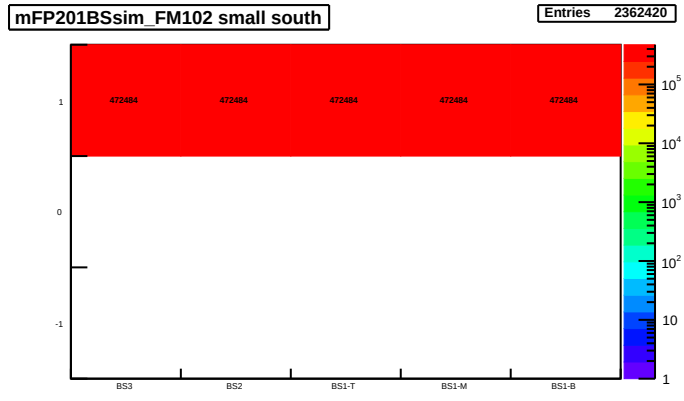
mFM104JP -- South -- Bottom -- FM012
Entries 944968
JP-EF
Unused

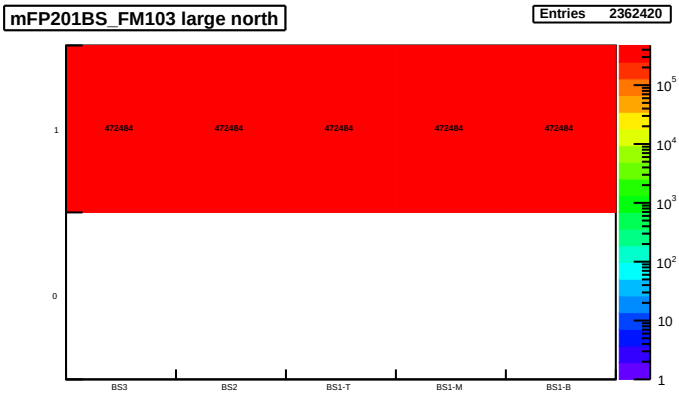
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

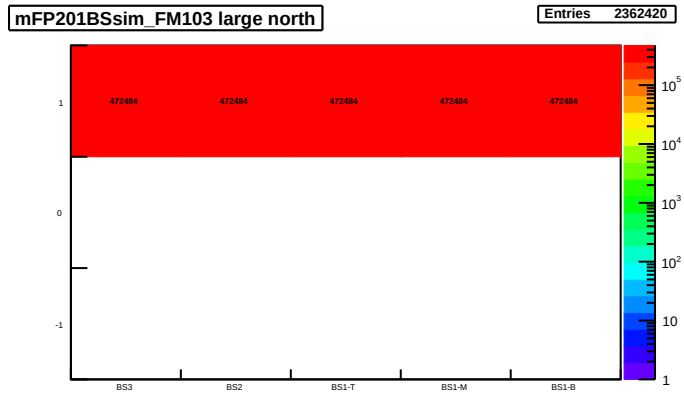

mFP201BS_FM101 small north
Entries 2362420
472484
BS3
BS2
BS1-T
BS1-M
BS1-B

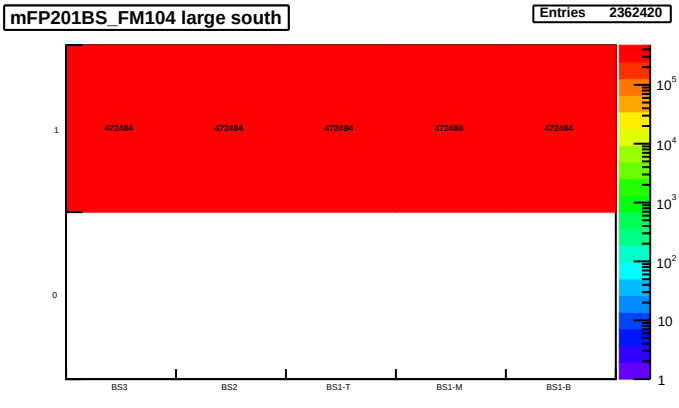

mFP201BSsim_FM101 small north
Entries 2362420
472484
BS3
BS2
BS1-T
BS1-M
BS1-B

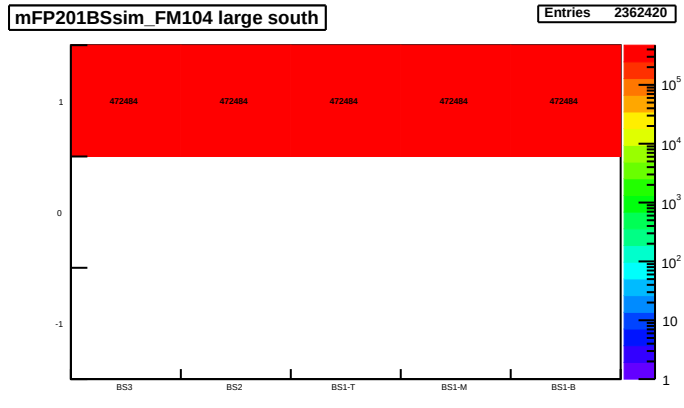

mFP201BS_FM102 small south
Entries 2362420
472484
BS3
BS2
BS1-T
BS1-M
BS1-B

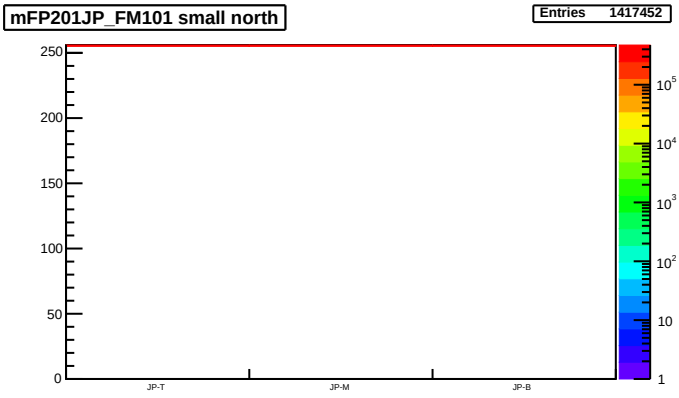

mFP201BSsim_FM102 small south
Entries 2362420
472484
BS3
BS2
BS1-T
BS1-M
BS1-B

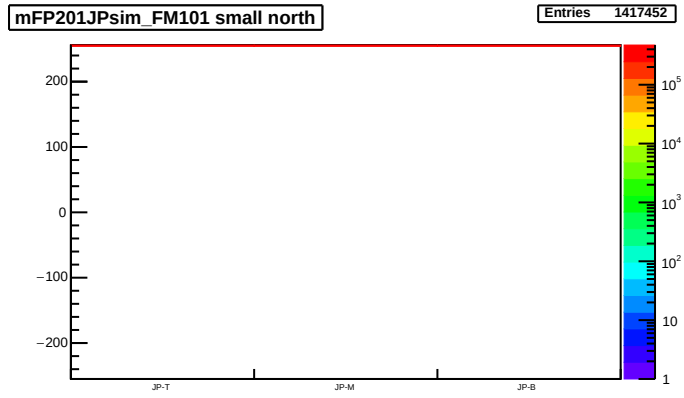

mFP201BS_FM103 large north
Entries 2362420
472484
BS3
BS2
BS1-T
BS1-M
BS1-B

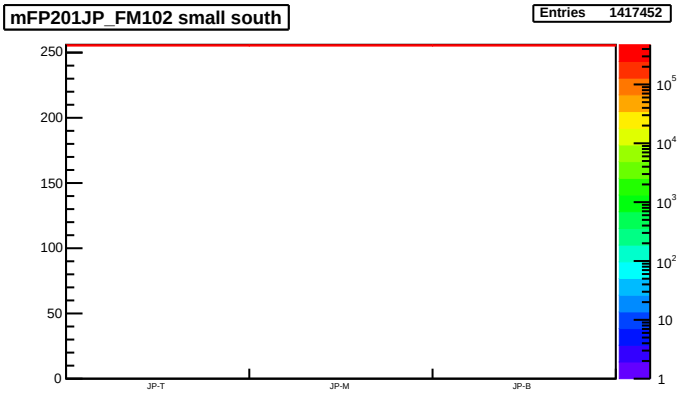

mFP201BSsim_FM103 large north
Entries 2362420
472484
BS3
BS2
BS1-T
BS1-M
BS1-B

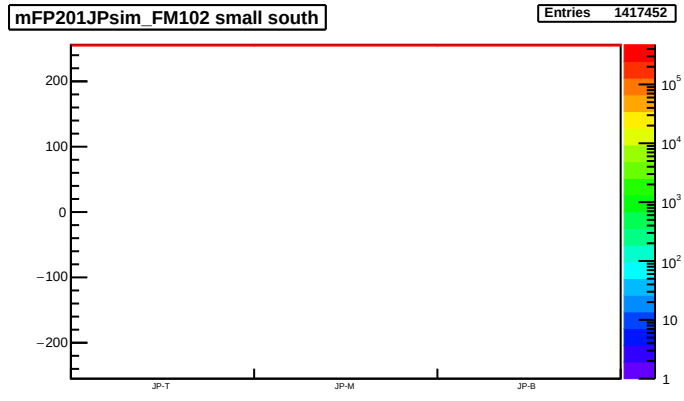

mFP201BS_FM104 large south
Entries 2362420
472484
BS3
BS2
BS1-T
BS1-M
BS1-B

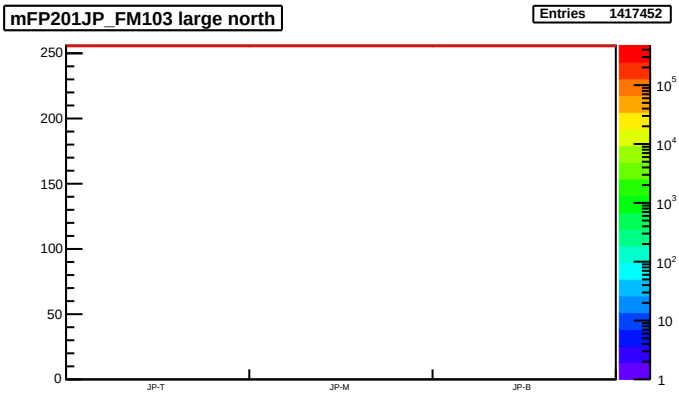

mFP201BSsim_FM104 large south
Entries 2362420
472484
BS3
BS2
BS1-T
BS1-M
BS1-B

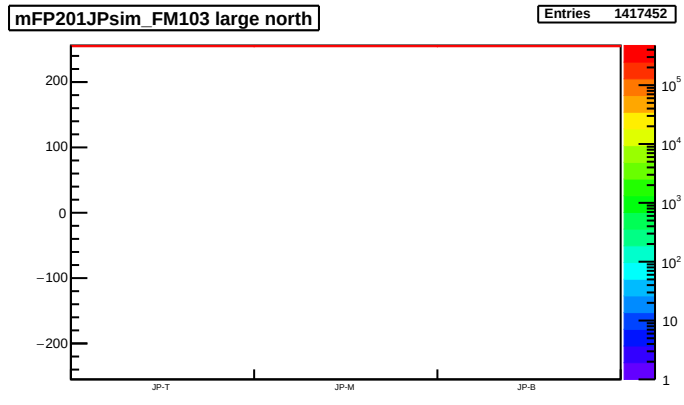

mFP201JP_FM101 small north
Entries 1417452
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

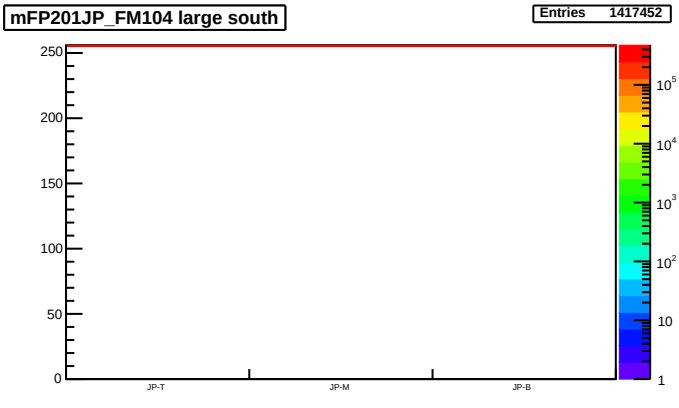

mFP201JPsim_FM101 small north
Entries 1417452
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

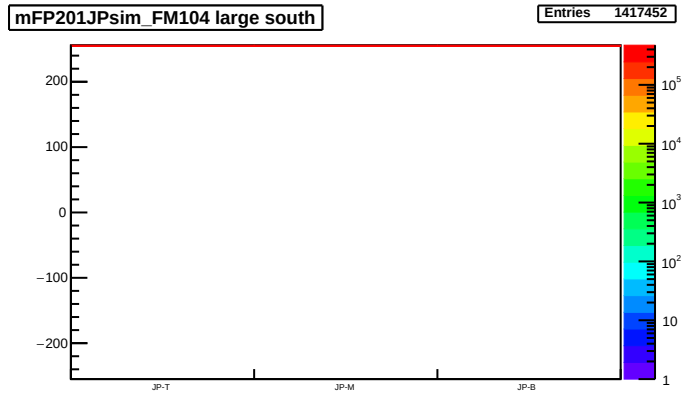

mFP201JP_FM102 small south
Entries 1417452
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

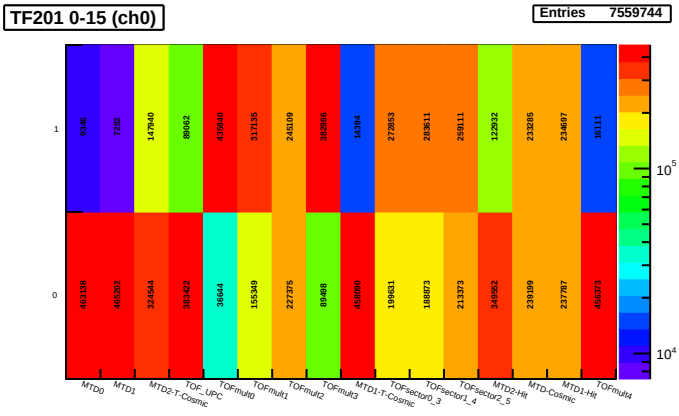

mFP201JPsim_FM102 small south
Entries 1417452
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

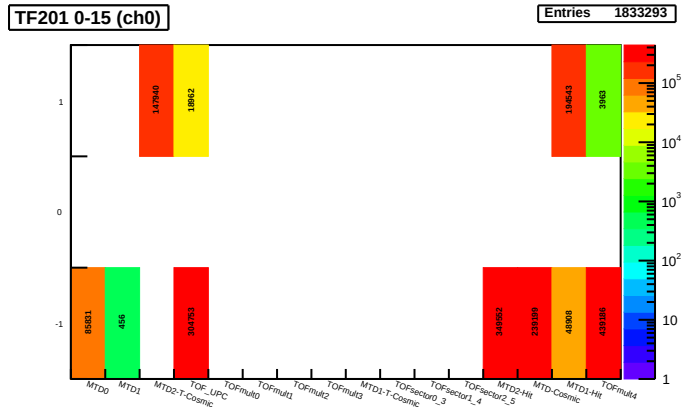

mFP201JP_FM103 large north
Entries 1417452
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

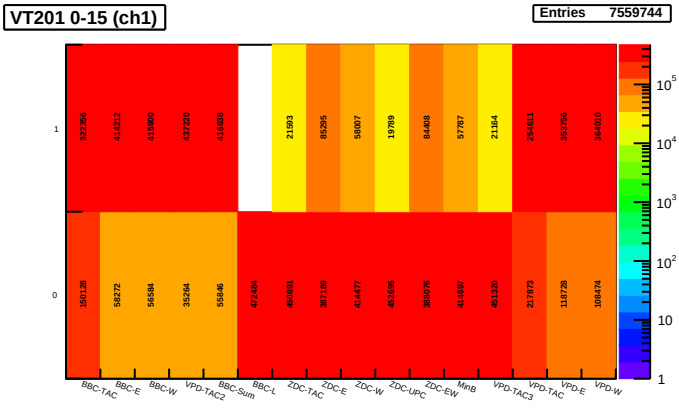

mFP201JPsim_FM103 large north
Entries 1417452
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

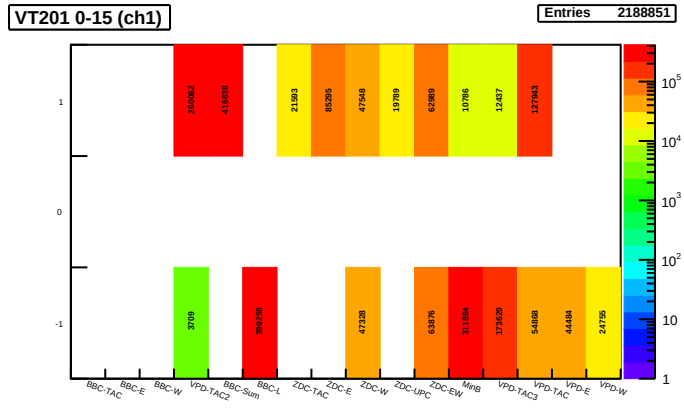

mFP201JP_FM104 large south
Entries 1417452
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

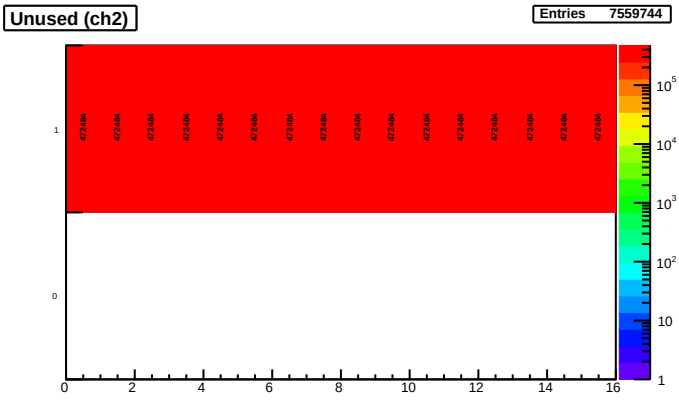

mFP201JPsim_FM104 large south
Entries 1417452
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

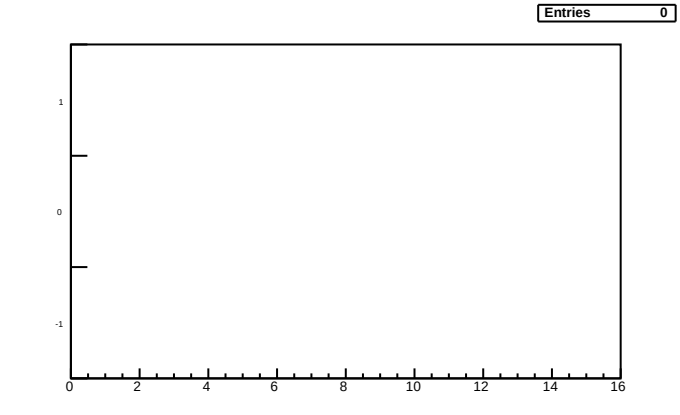

TF201 0-15 (ch0)
Entries 7559744
9346 7232 147940 89062 433840 317135 245109 382986 14394 272853 283611 259111 122932 233285 234697 16111
463138 465202 324544 383422 36644 155349 227375 89488 459800 199631 188673 213373 349562 239199 237787 456373
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

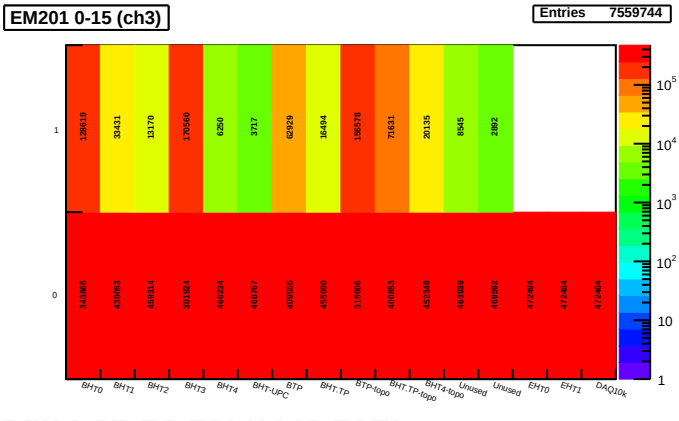

TF201 0-15 (ch0)
Entries 1833293
147940 18962 194643 3963
85831 456 304253 349562 239199 48908 439186
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

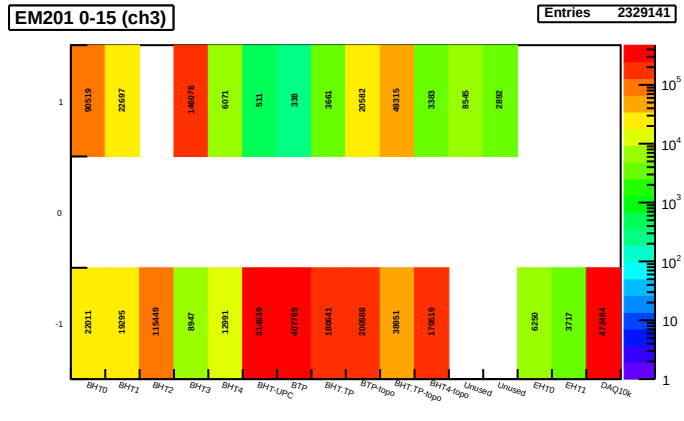

VT201 0-15 (ch1)
Entries 7559744
322356 414212 415900 437220 416638 21593 85295 58007 19789 84408 57787 21164 254611 353756 364010
150128 58272 56584 35264 55846 472494 450831 387139 414477 452695 388076 414697 451320 217873 118728 108474
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

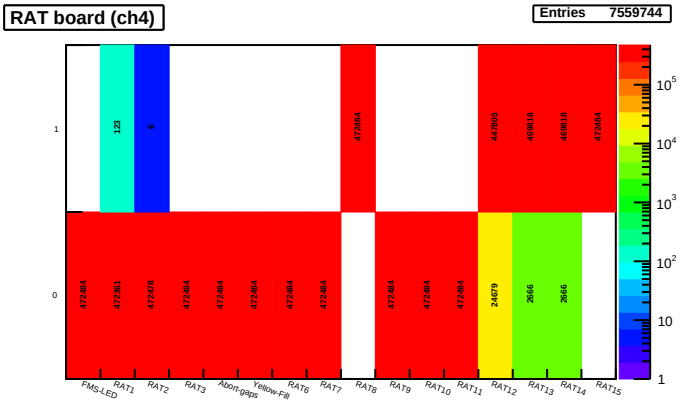

VT201 0-15 (ch1)
Entries 2188851
260862 416638 21593 85295 47548 19789 62889 10786 12437 127943
3709 399258 47328 63876 311864 173629 54868 44484 24795
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

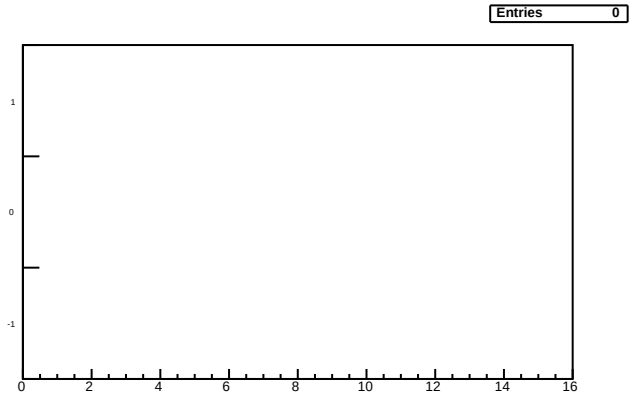

Unused (ch2)
Entries 7559744
472494 472494 472494 472494 472494 472494 472494 472494 472494 472494 472494 472494 472494 472494 472494 472494

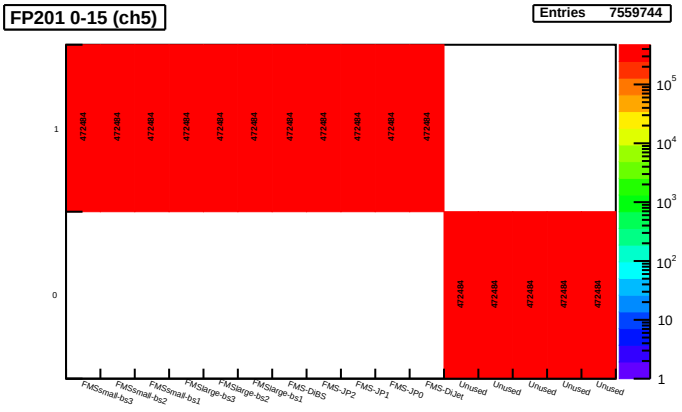

Entries 0

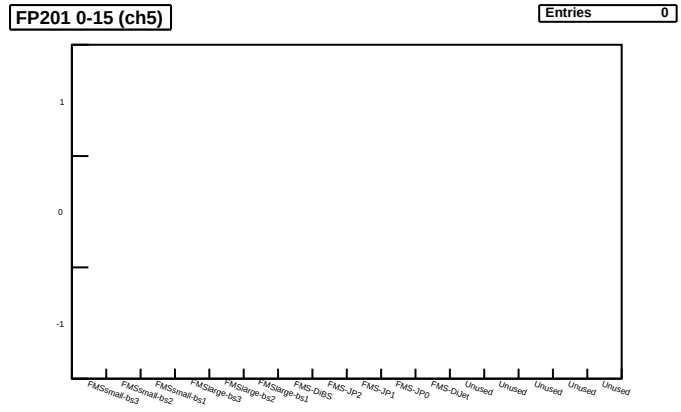

EM201 0-15 (ch3)
Entries 7559744
128619 33431 13170 170560 6250 3717 62929 16494 156578 71631 20135 8545 2892
343865 439053 459314 301824 466224 468767 409555 455980 315906 400653 452349 463939 469592 472484 472484 472484
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT.TP BTP-topo BHT.TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k


EM201 0-15 (ch3)
Entries 2329141
90519 22697 146076 6071 511 338 3661 20562 48315 3393 8545 2892
22011 19295 115449 8947 12991 314839 407769 180641 200568 38951 170519 6250 3717 472484
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 7559744
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 7559744
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
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
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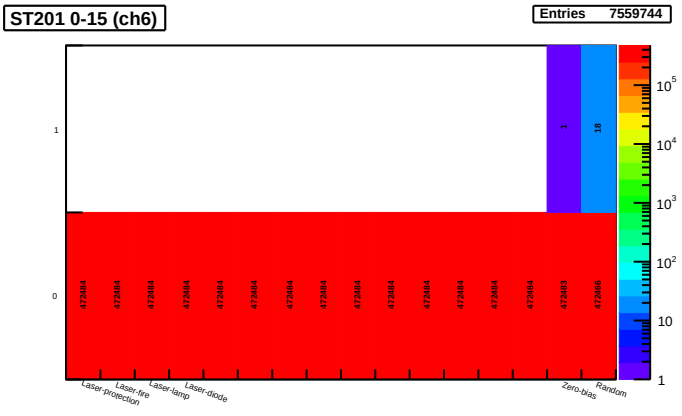
Unused
Unused
Unused
Unused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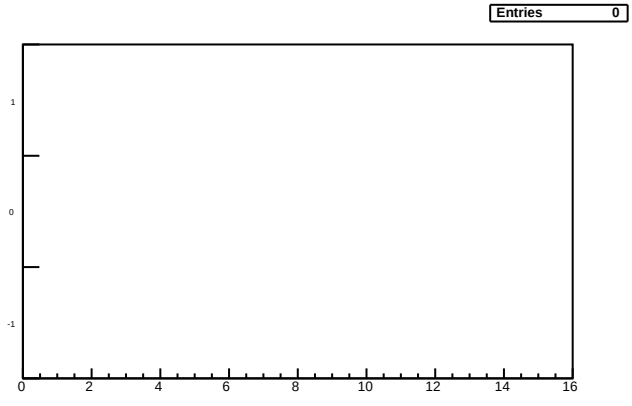
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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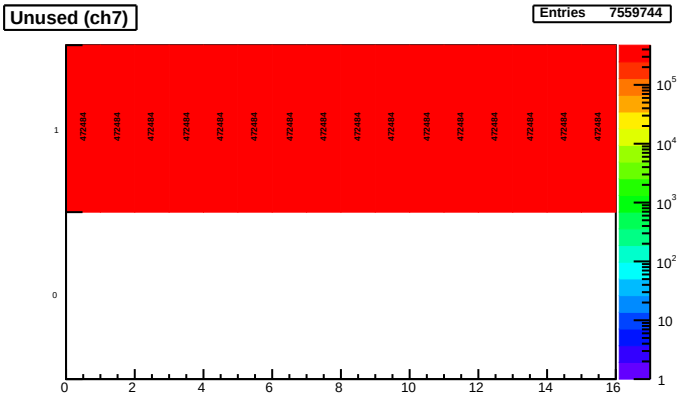
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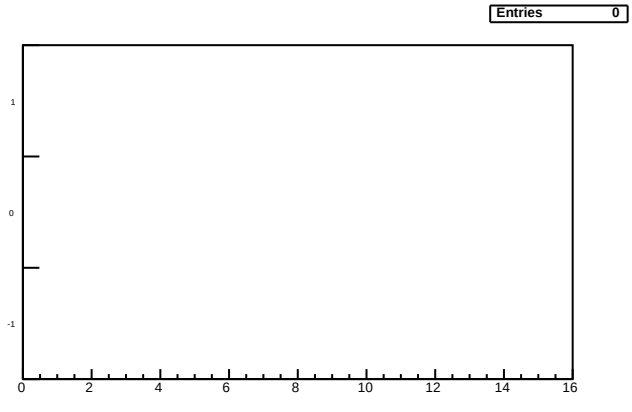
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