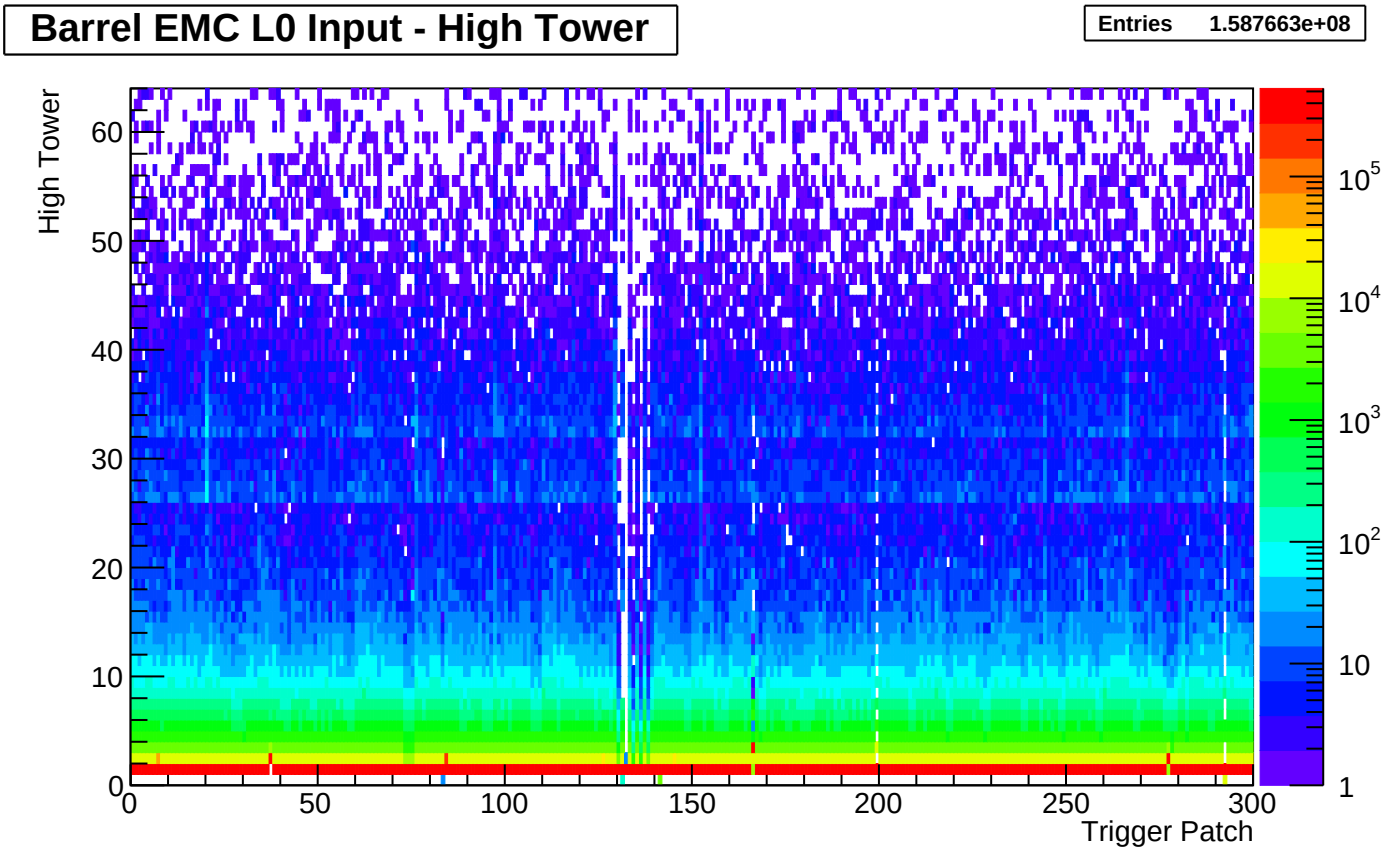
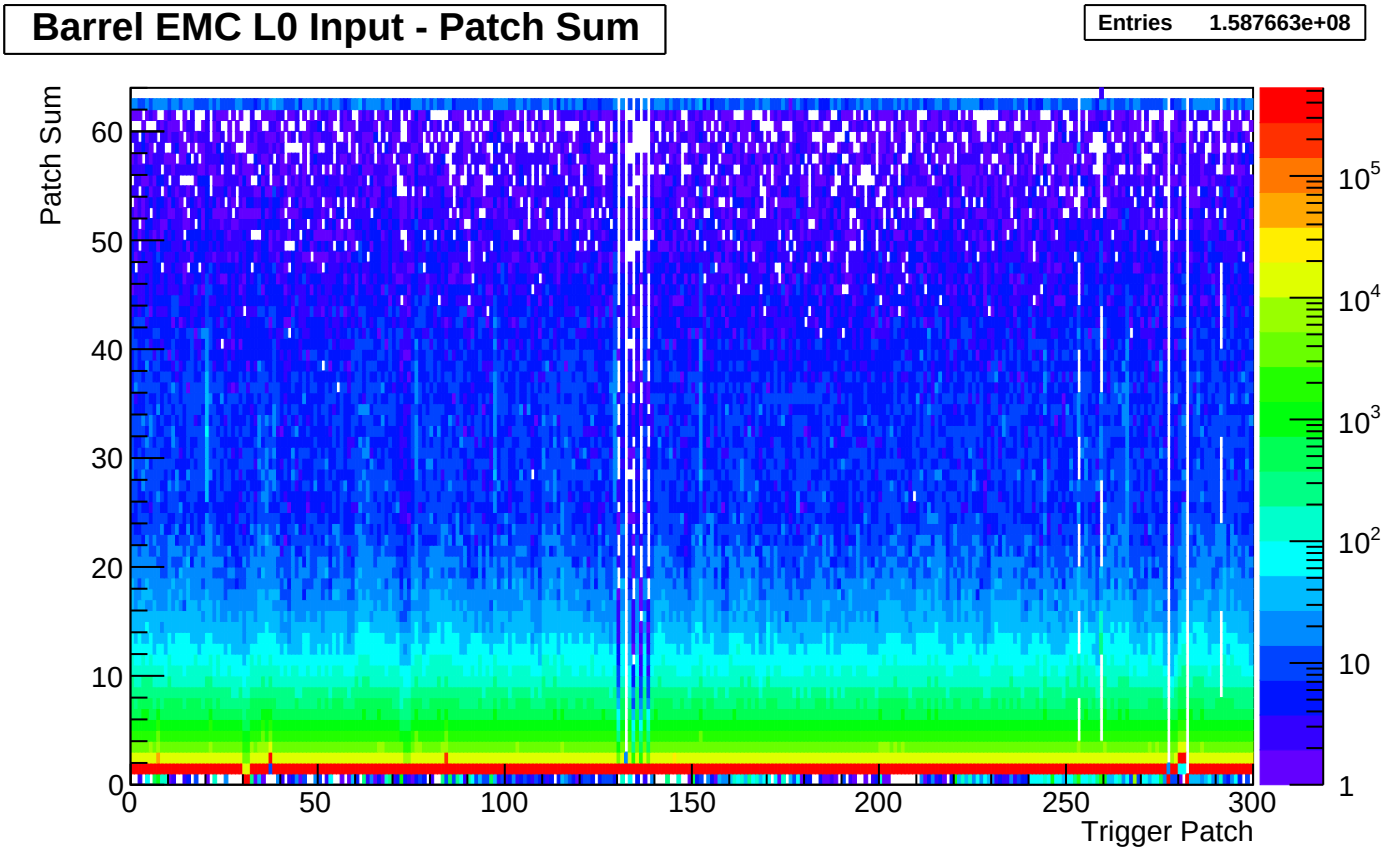
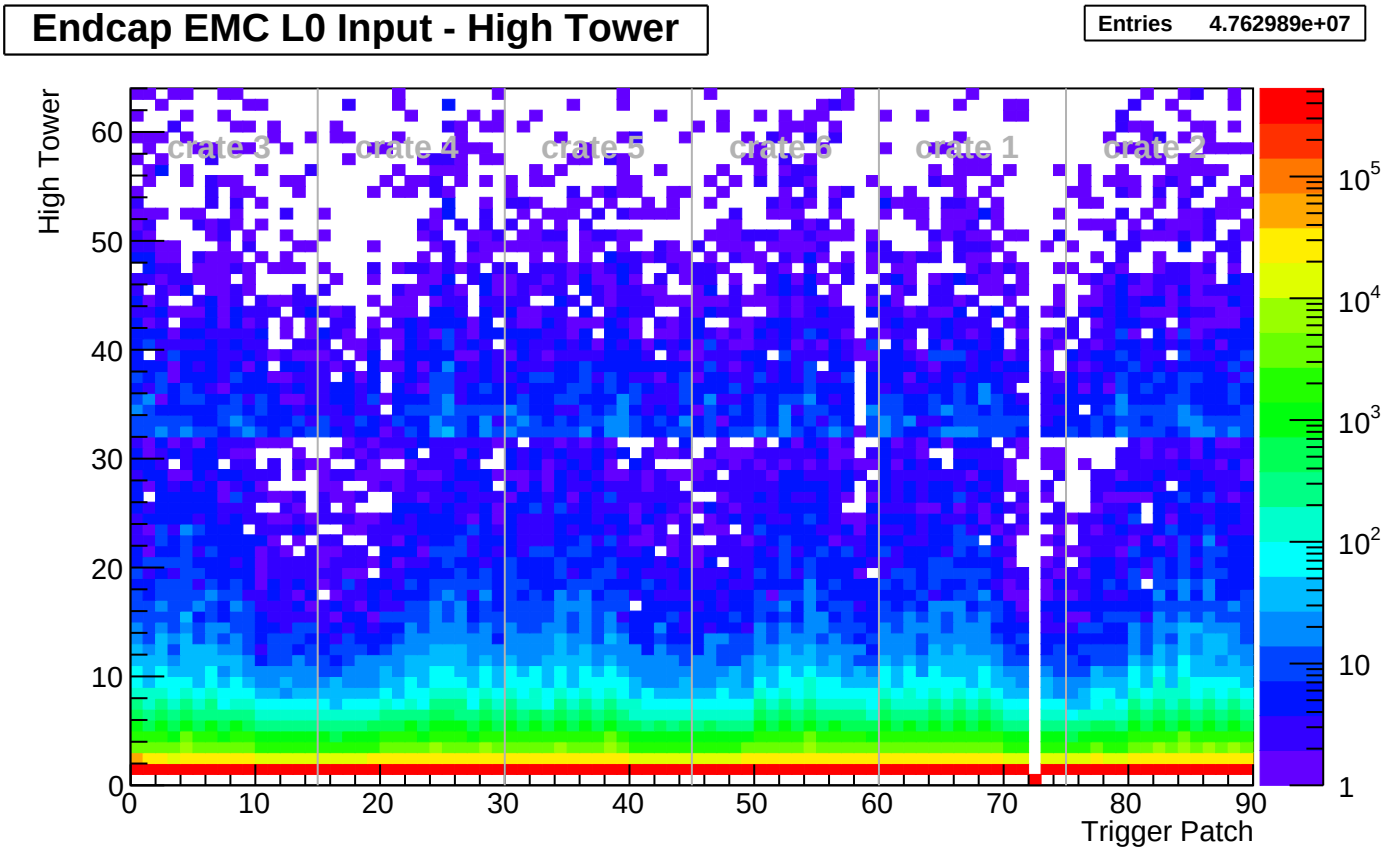
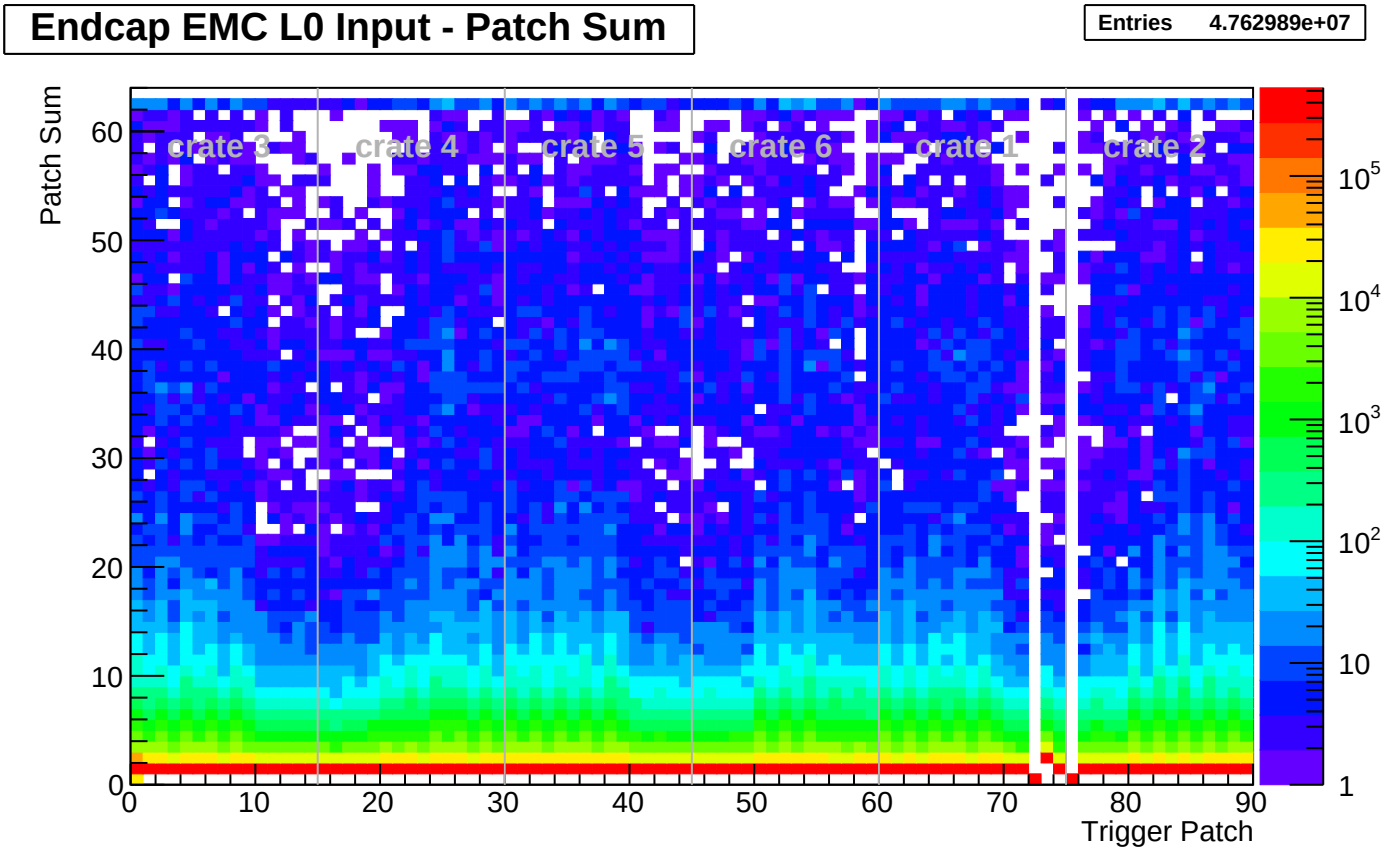
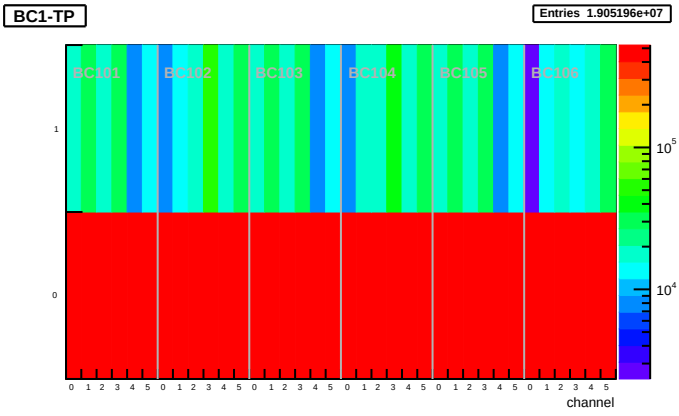
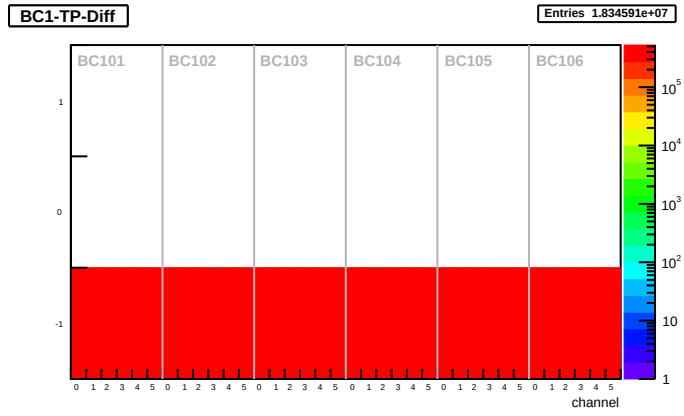

Barrel EMC L0 Input - High Tower
Entries 1.587663e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

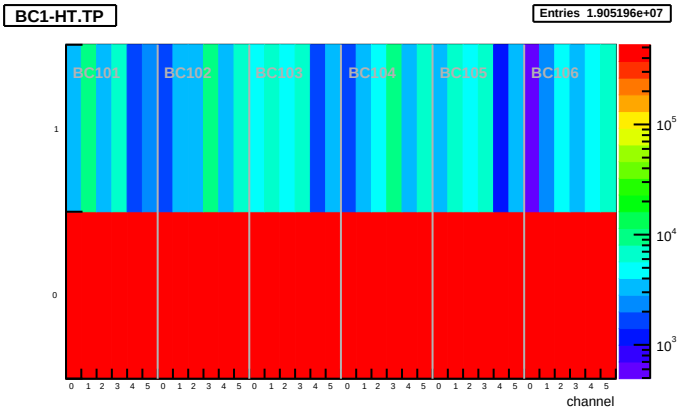

Barrel EMC L0 Input - Patch Sum
Entries 1.587663e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

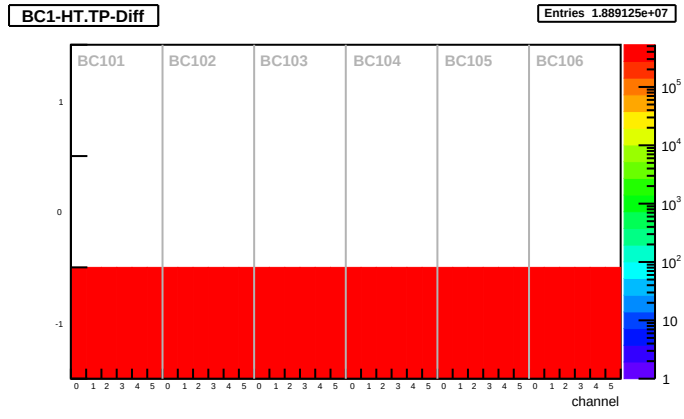

Endcap EMC L0 Input - High Tower
Entries 4.762989e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

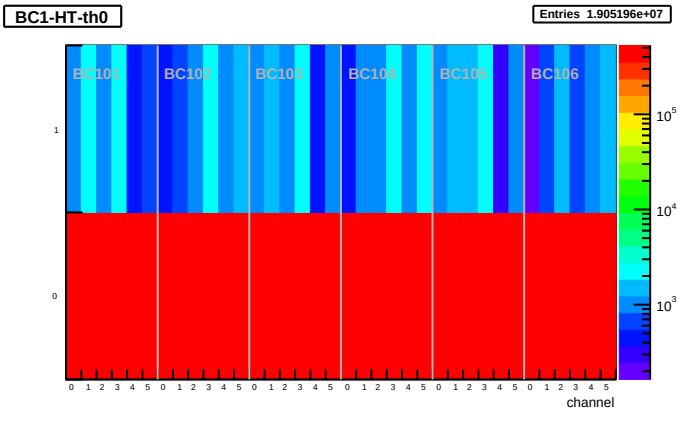

Endcap EMC L0 Input - Patch Sum
Entries 4.762989e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

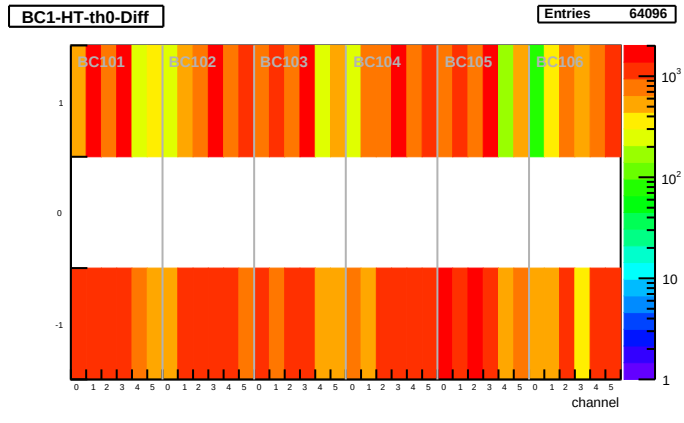

BC1-TP
Entries 1.905196e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

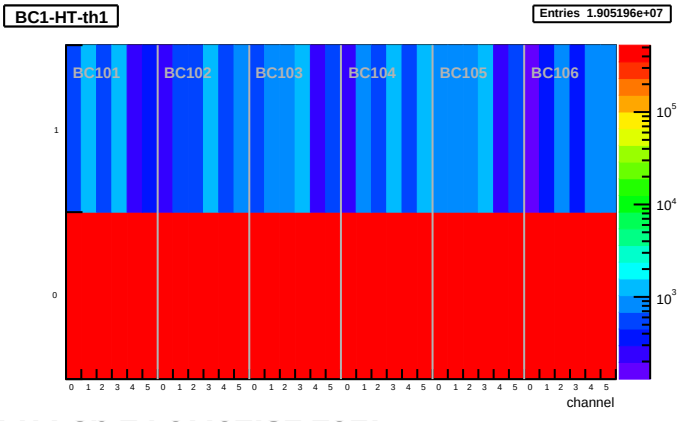

BC1-TP-Diff
Entries 1.834591e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

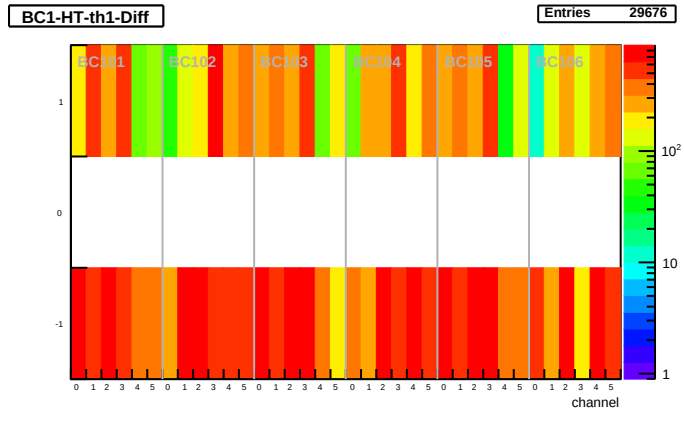

BC1-HT.TP
Entries 1.905196e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

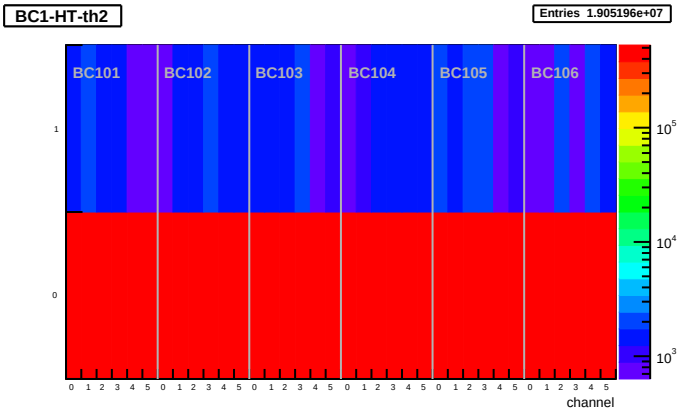

BC1-HT.TP-Diff
Entries 1.889125e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

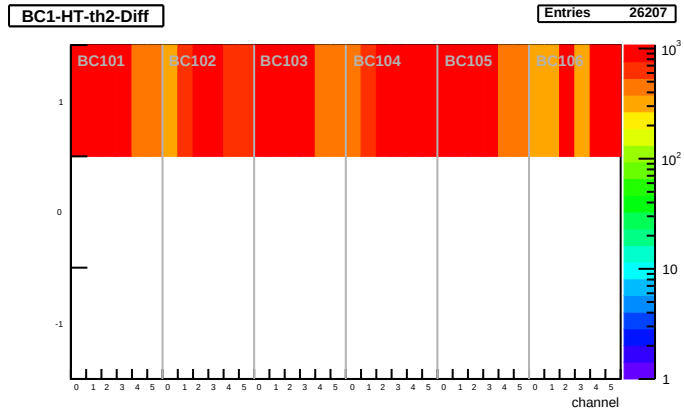

BC1-HT-th0
Entries 1.905196e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

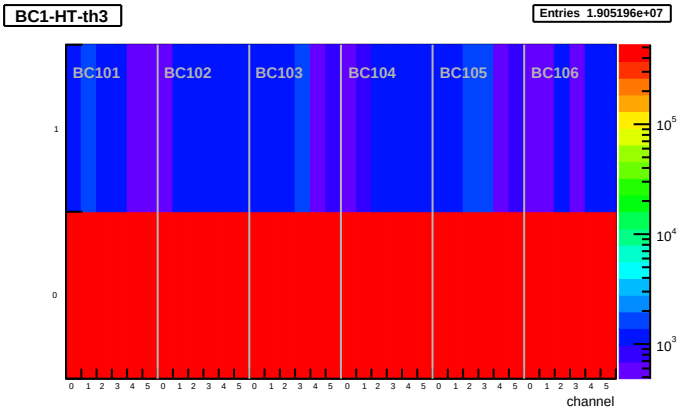

BC1-HT-th0-Diff
Entries 64096
BC101
BC102
BC103
BC104
BC105
BC106
channel

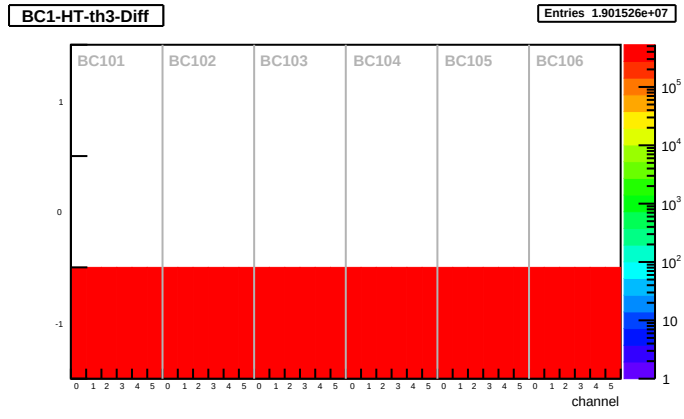

BC1-HT-th1
Entries 1.905196e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

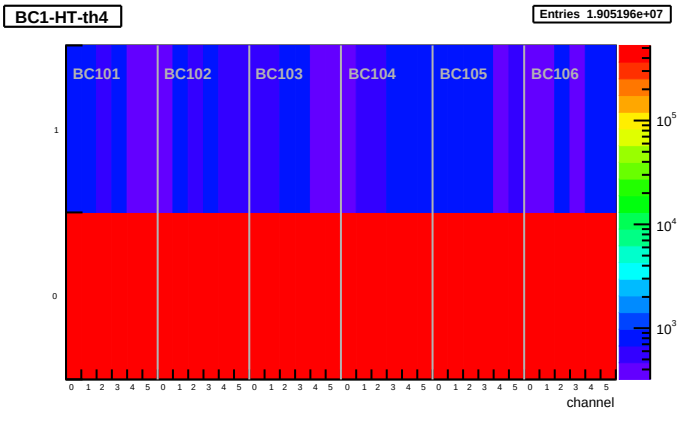

BC1-HT-th1-Diff
Entries 29676
BC101
BC102
BC103
BC104
BC105
BC106
channel

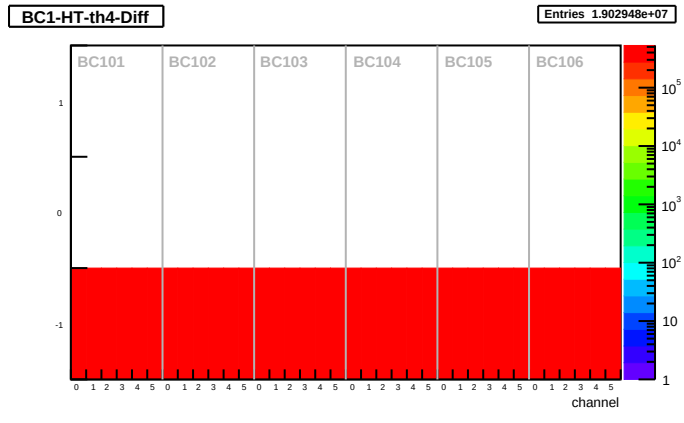

BC1-HT-th2
Entries 1.905196e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

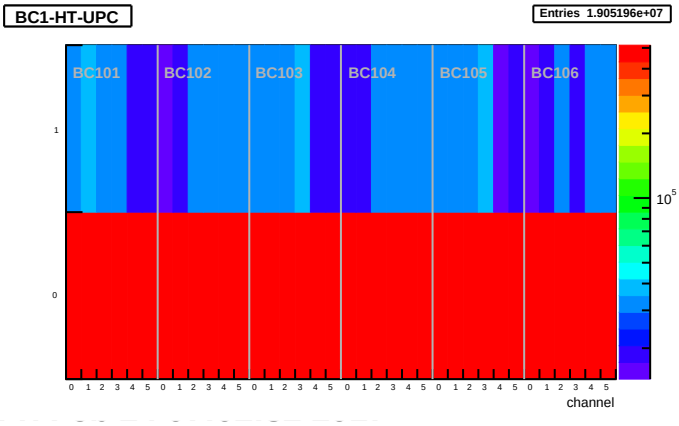

BC1-HT-th2-Diff
Entries 26207
BC101
BC102
BC103
BC104
BC105
BC106
channel

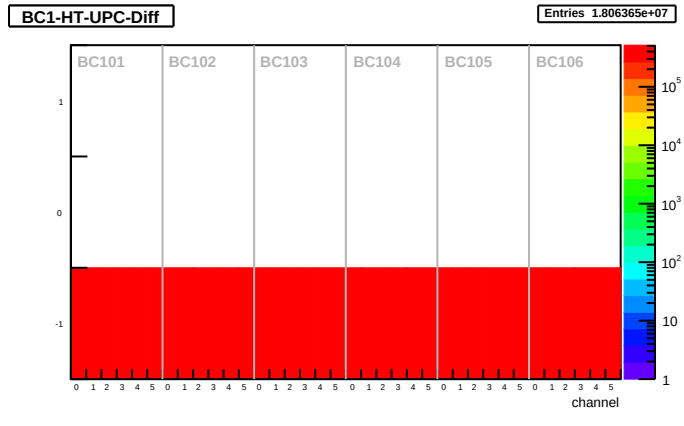

BC1-HT-th3
Entries 1.905196e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

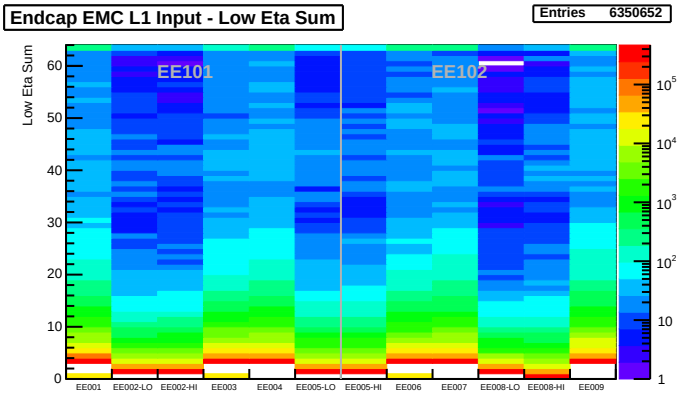

BC1-HT-th3-Diff
Entries 1.901526e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

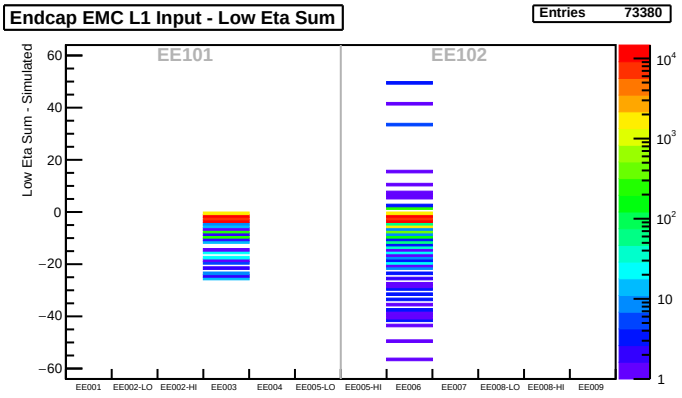

BC1-HT-th4
Entries 1.905196e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

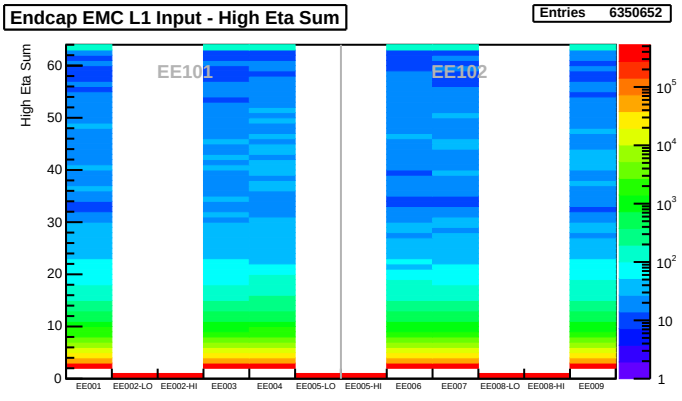

BC1-HT-th4-Diff
Entries 1.902948e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

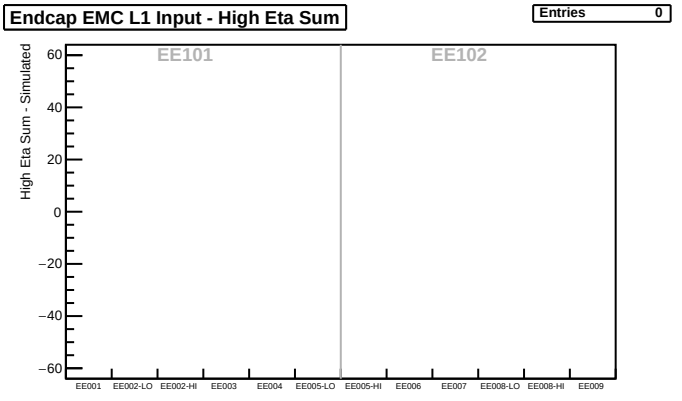

BC1-HT-UPC
Entries 1.905196e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

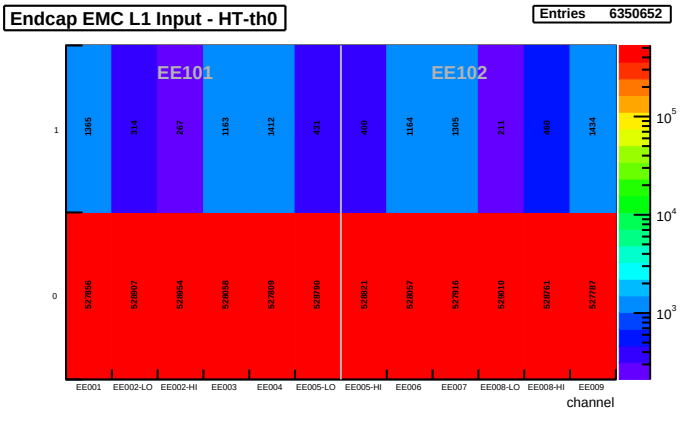

BC1-HT-UPC-Diff
Entries 1.806365e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

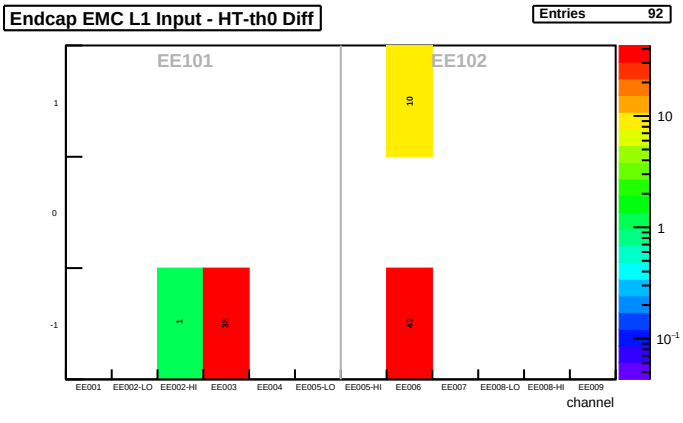

Endcap EMC L1 Input - Low Eta Sum
Entries 6350652
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

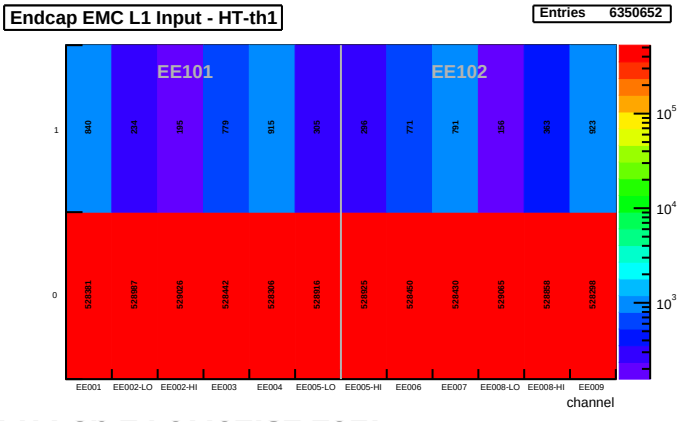

Endcap EMC L1 Input - Low Eta Sum
Entries 73380
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

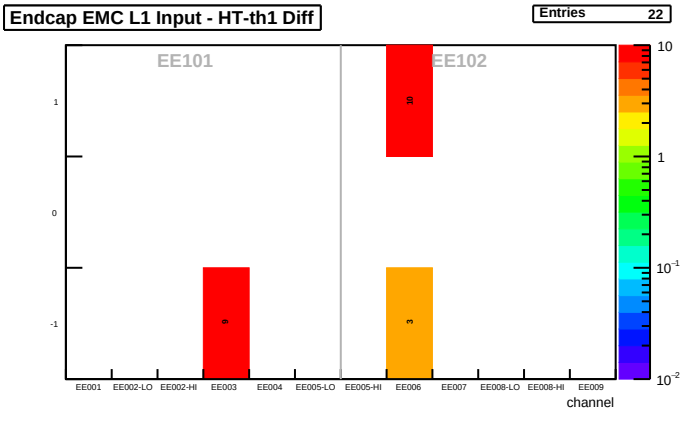

Endcap EMC L1 Input - High Eta Sum
Entries 6350652
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

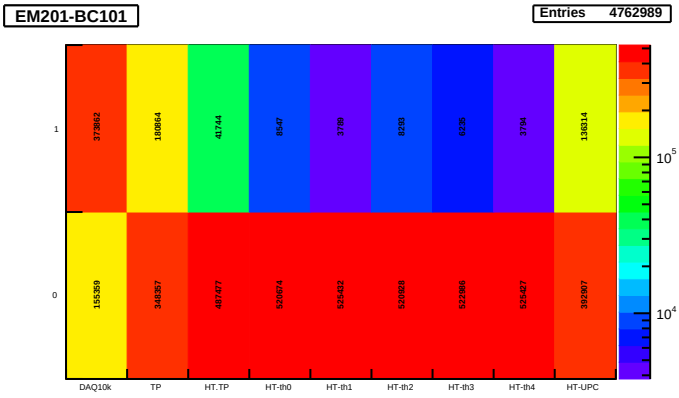

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

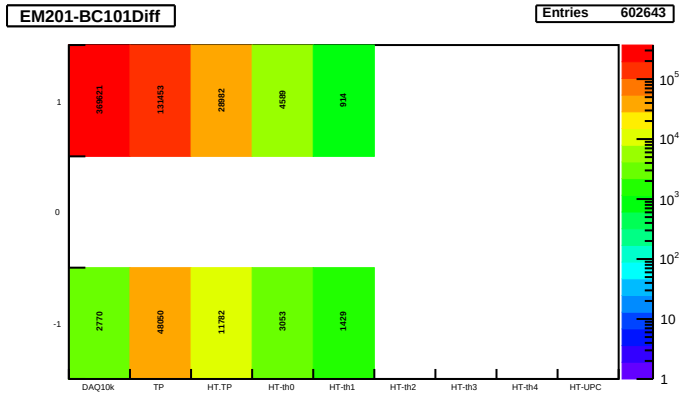

Endcap EMC L1 Input - HT-th0
Entries 6350652
EE101
EE102
1395 314 267 1183 1412 431 400 1164 1305 211 460 1434
527856 528007 528054 529058 527809 527790 528821 528057 527016 528010 529761 527787
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

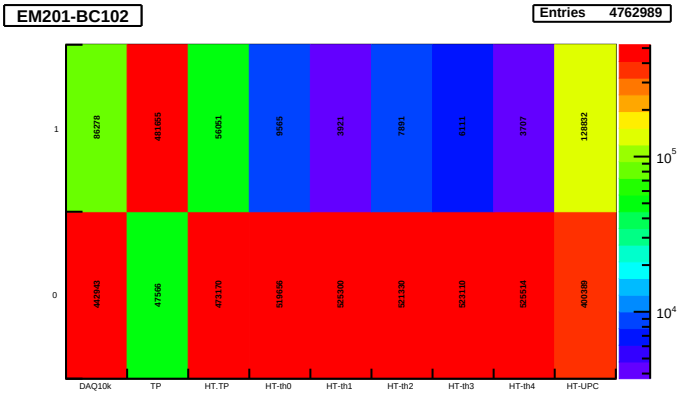

Endcap EMC L1 Input - HT-th0 Diff
Entries 92
EE101
EE102
10
1
38
43
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

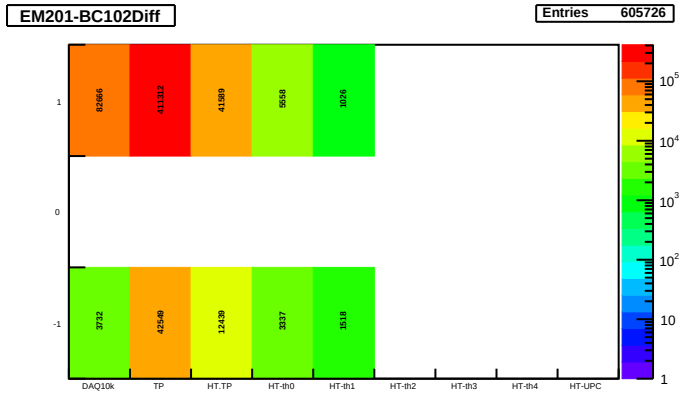

Endcap EMC L1 Input - HT-th1
Entries 6350652
EE101
EE102
840 234 195 779 915 305 296 771 791 156 363 923
528831 528987 529026 528442 528396 528816 528925 528450 528400 529065 528858 528258
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

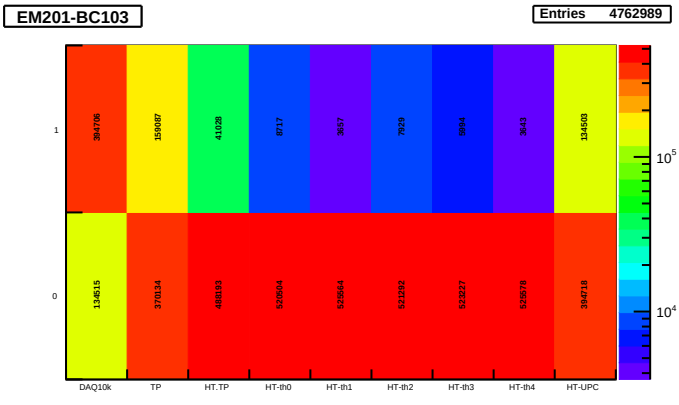

Endcap EMC L1 Input - HT-th1 Diff
Entries 22
EE101
EE102
10
9
3
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

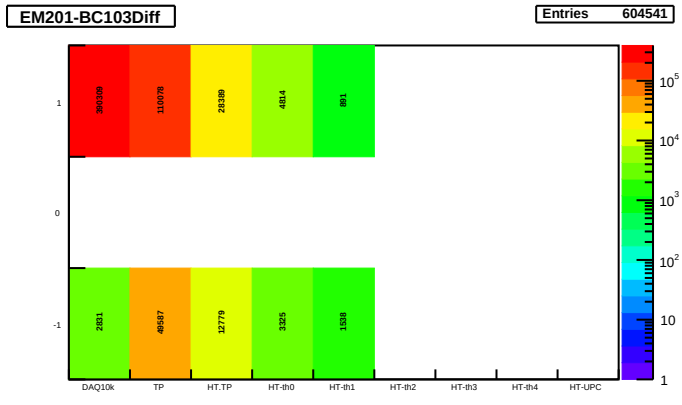

EM201-BC101
Entries 4762989
1
0
373862
180864
41744
8547
3789
8289
6235
3794
136314
155359
348357
497477
520674
525432
520928
522986
525427
392907
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4

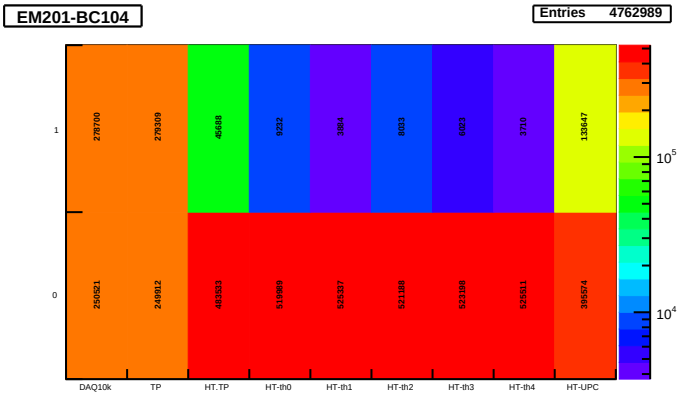

EM201-BC101Diff
Entries 602643
1
0
-1
369921
131453
28982
4589
914
2770
48950
11762
3053
1429
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

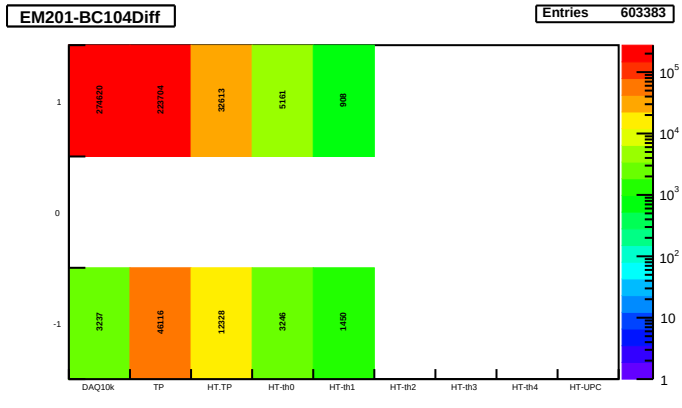

EM201-BC102
Entries 4762989
1
0
86278
451655
56051
9565
3921
7691
6111
3707
128822
442943
47566
473170
519656
525300
521330
523110
525514
490389
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC102Diff
Entries 605726
1
0
-1
82666
411312
41989
5558
1026
3732
42549
12439
3337
1518
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

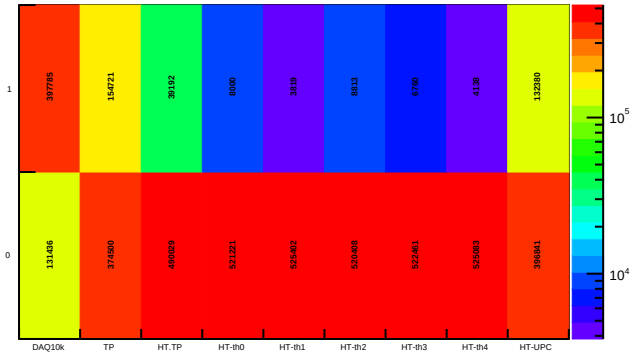

EM201-BC103
Entries 4762989
1
0
394706
159087
41028
8717
3657
7929
5694
3643
134508
136515
370134
488193
525504
525664
521292
523227
525578
394718
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC103Diff
Entries 604541
1
0
-1
390309
110078
28389
4814
891
2511
49587
12779
3325
1538
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

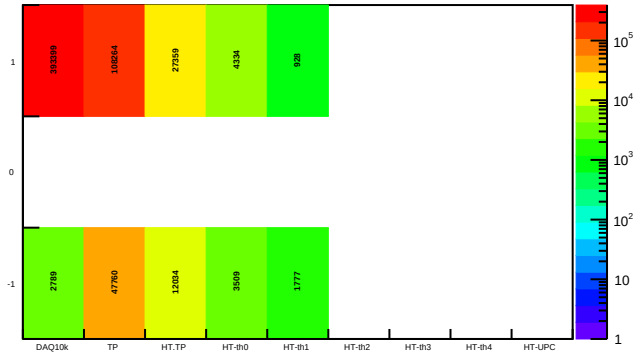

EM201-BC104
Entries 4762989
1
0
276700
279309
45698
9252
3884
8033
6023
3710
130647
250921
249912
483533
519989
525537
521188
523198
525511
396574
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC104Diff
Entries 603383
1
0
-1
274620
223704
32613
5161
908
3237
46116
12328
3246
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

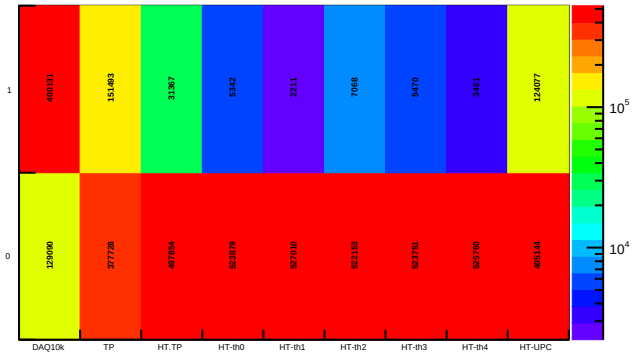
EM201-BC105 Entries 4762989



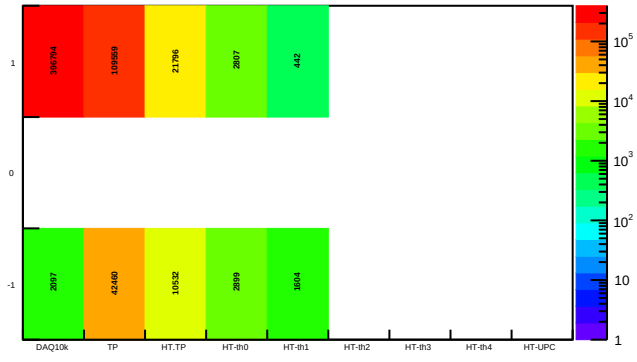
EM201-BC105Diff Entries 602153



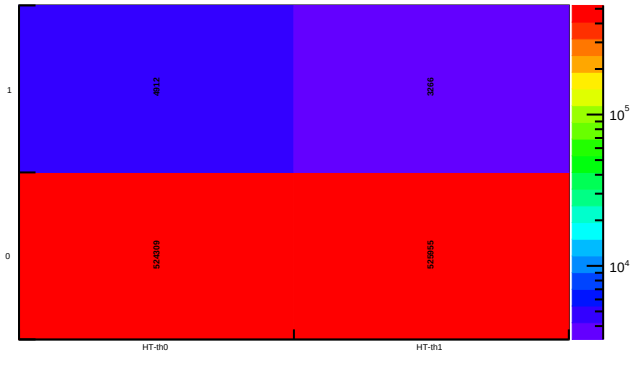
EM201-BC106 Entries 4762989



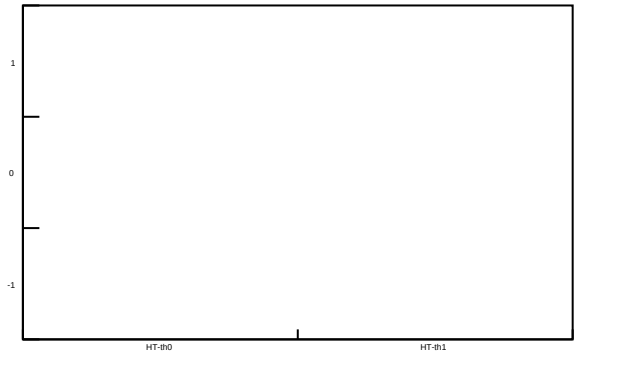
EM201-BC106Diff Entries 590990



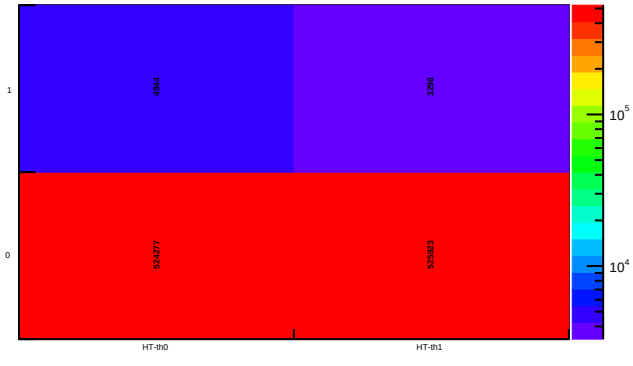
EM201-EE101 Entries 1058442



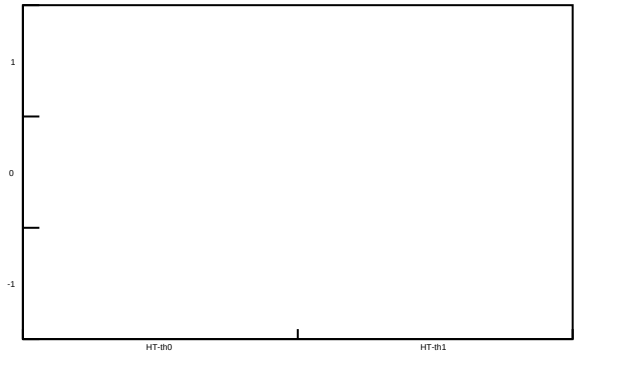
EM201-EE101Diff Entries 0

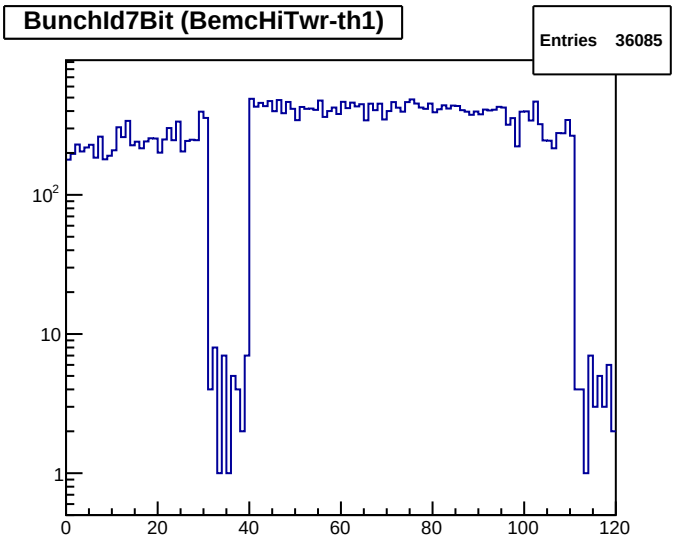


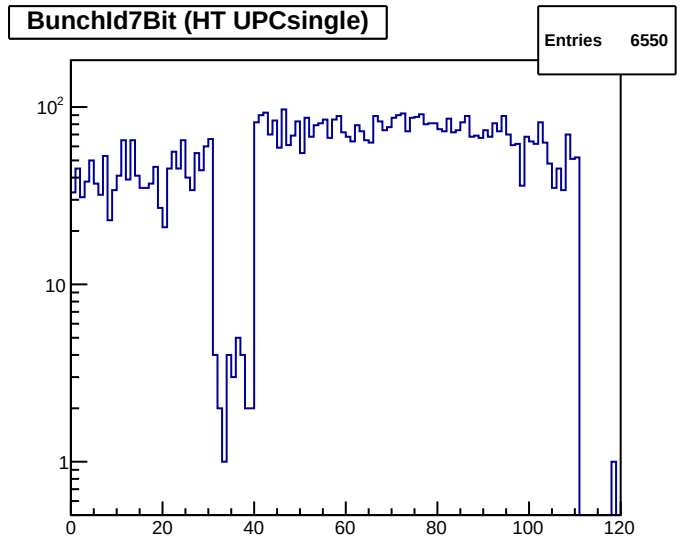
EM201-EE102 Entries 1058442

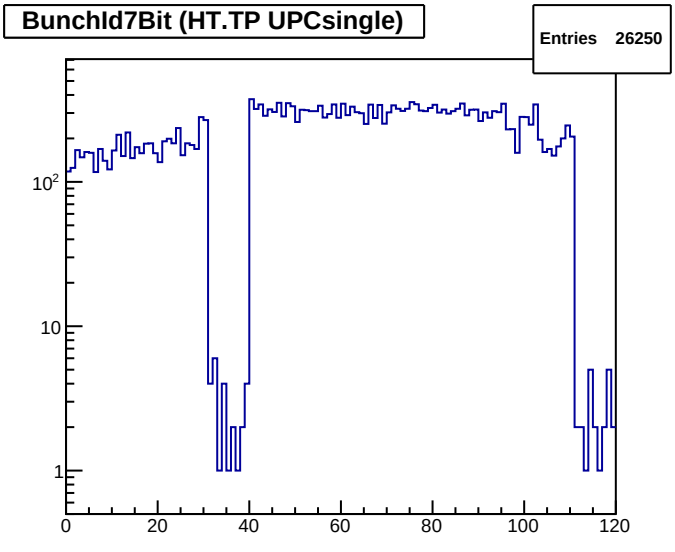


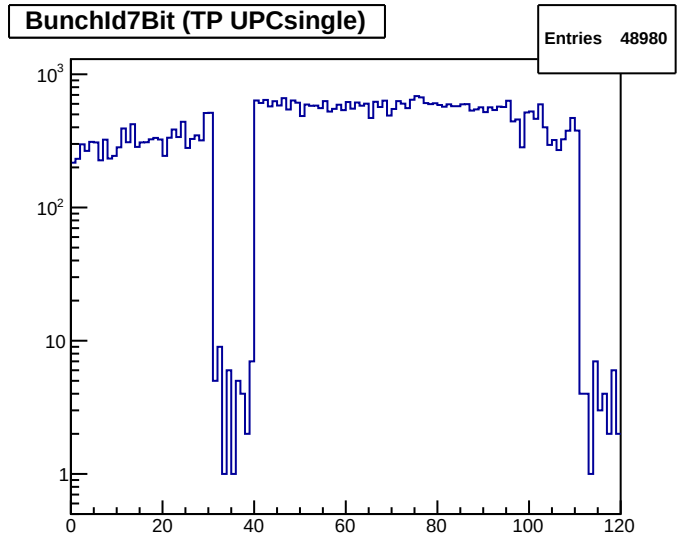
EM201-EE102Diff Entries 0

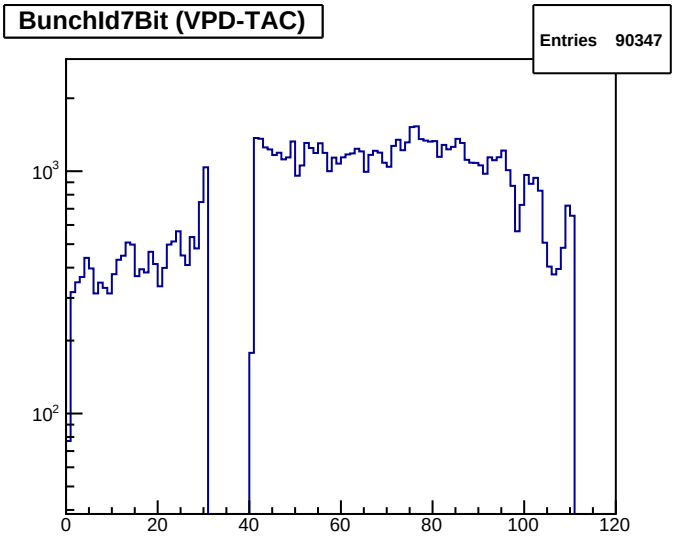


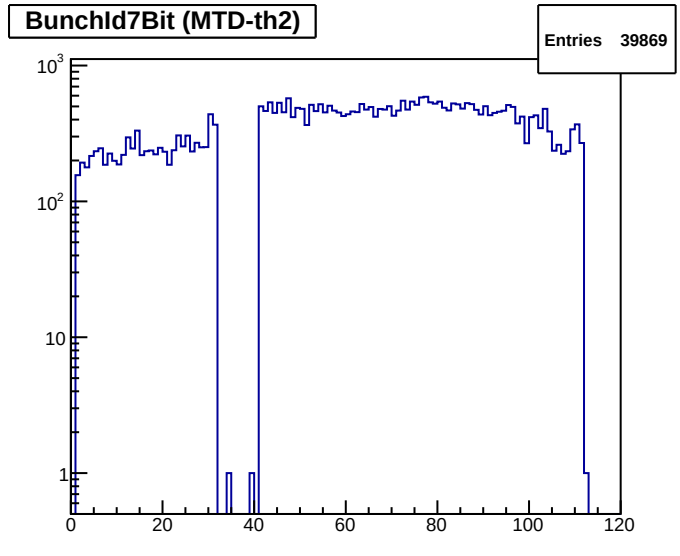

BunchId7Bit (BemcHiTwr-th1)
Entries 36085
10^2
10
1
0
20
40
60
80
100
120

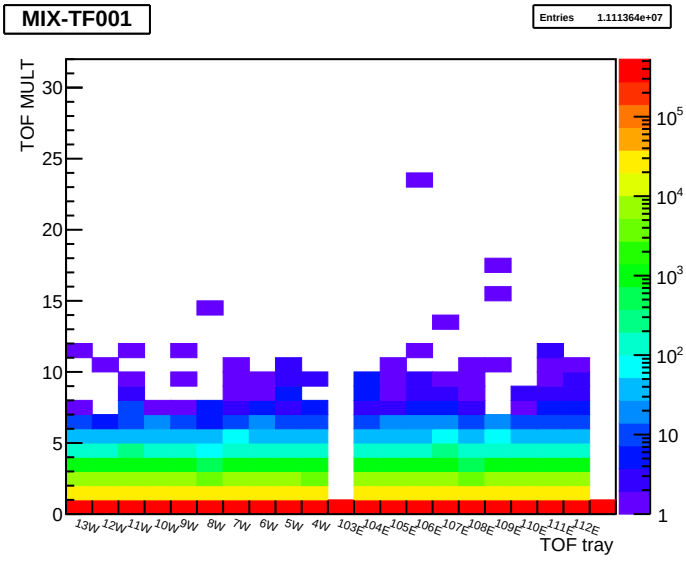

BunchId7Bit (HT UPCsingle)
Entries 6550
10^2
10
1
0
20
40
60
80
100
120

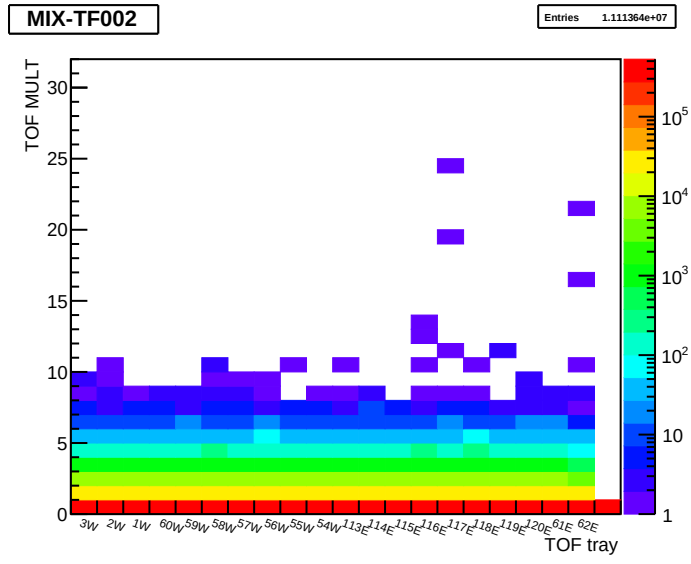

BunchId7Bit (HT.TP UPCsingle)
Entries 26250
10^2
10
1
0
20
40
60
80
100
120

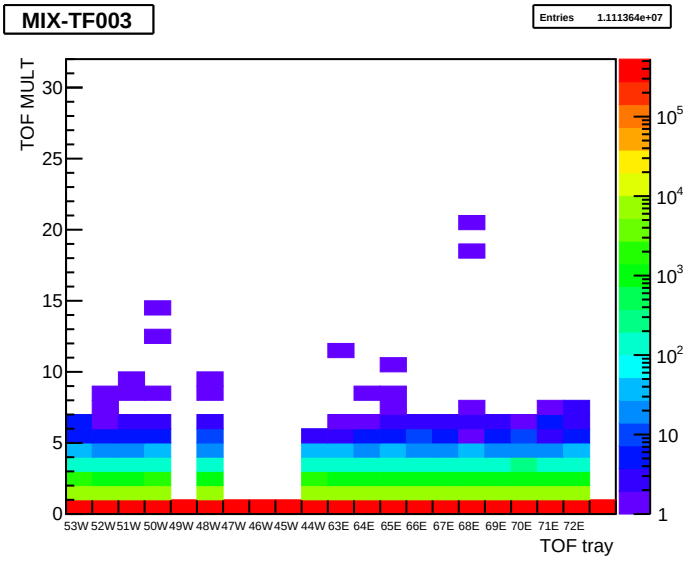

BunchId7Bit (TP UPCsingle)
Entries 48980
10^3
10^2
10
1
0
20
40
60
80
100
120

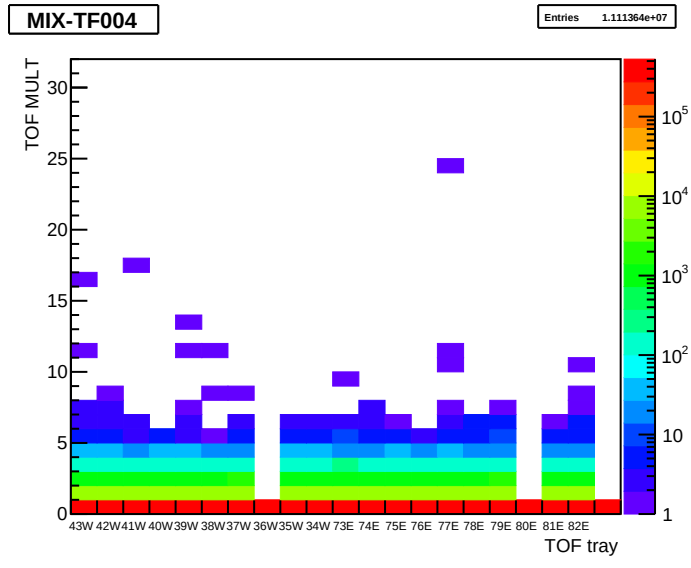

BunchId7Bit (VPD-TAC)
Entries 90347
10^3
10^2
0
20
40
60
80
100
120

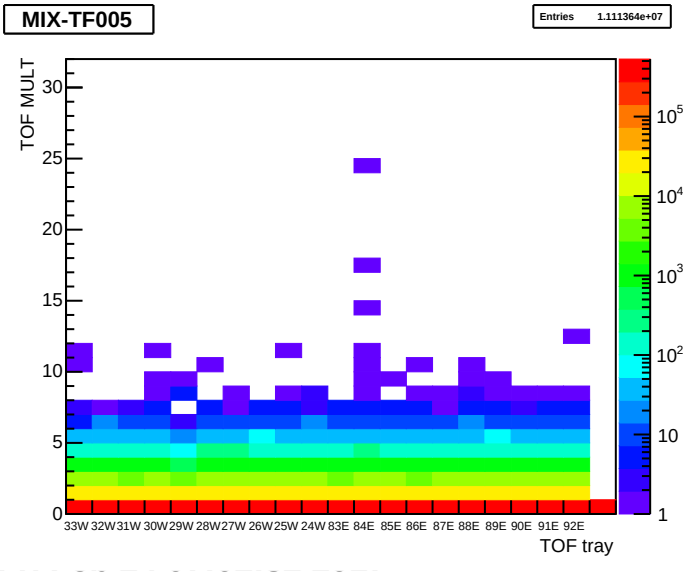

BunchId7Bit (MTD-th2)
Entries 39869
10^3
10^2
10
1
0
20
40
60
80
100
120

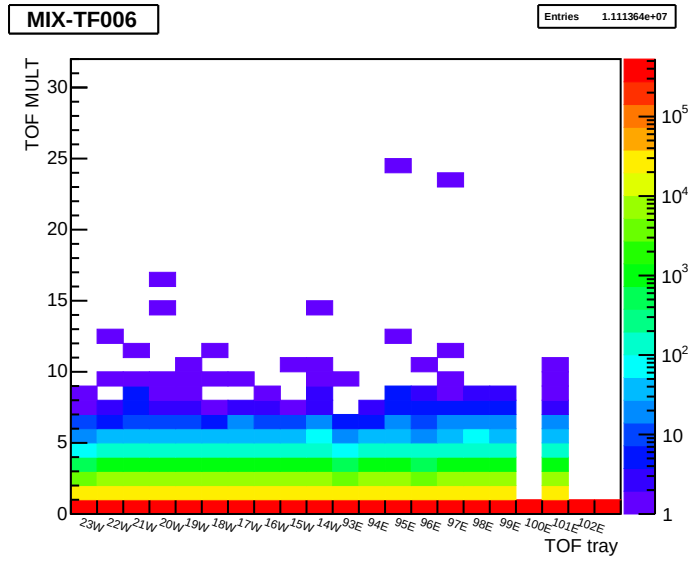

MIX-TF001
Entries 1.111364e+07
TOF MULT
TOF tray

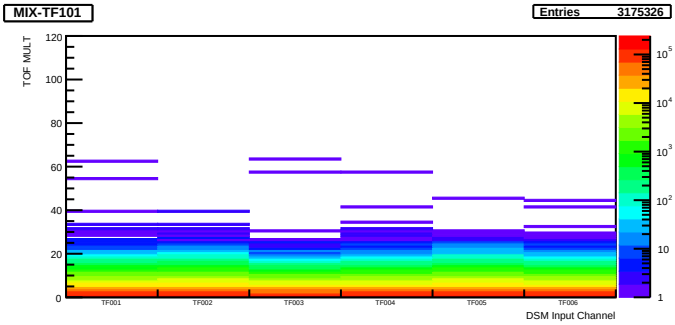

MIX-TF002
Entries 1.111364e+07
TOF MULT
TOF tray

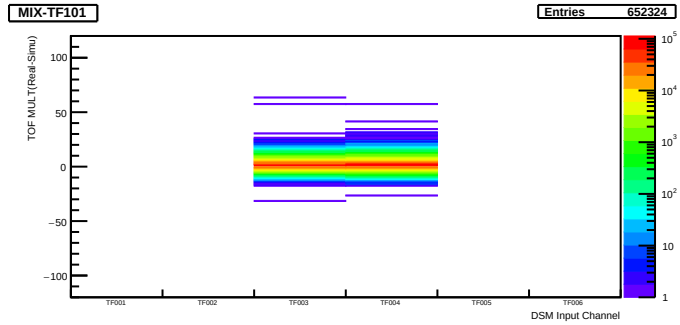

MIX-TF003
Entries 1.111364e+07
TOF MULT
TOF tray

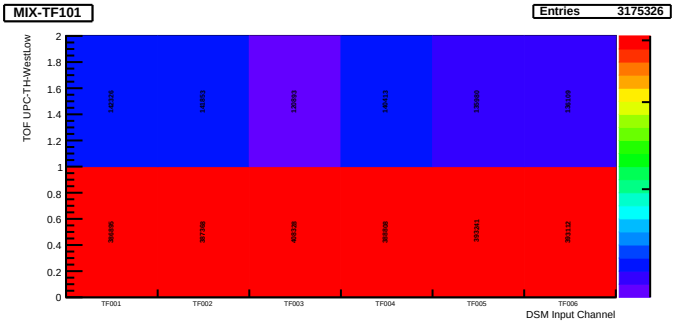

MIX-TF004
Entries 1.111364e+07
TOF MULT
TOF tray

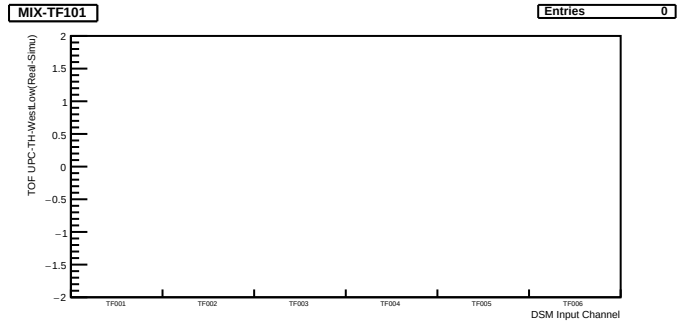

MIX-TF005
Entries 1.111364e+07
TOF MULT
TOF tray

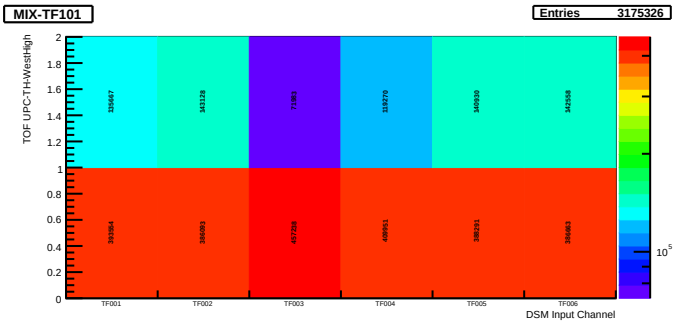

MIX-TF006
Entries 1.111364e+07
TOF MULT
TOF tray

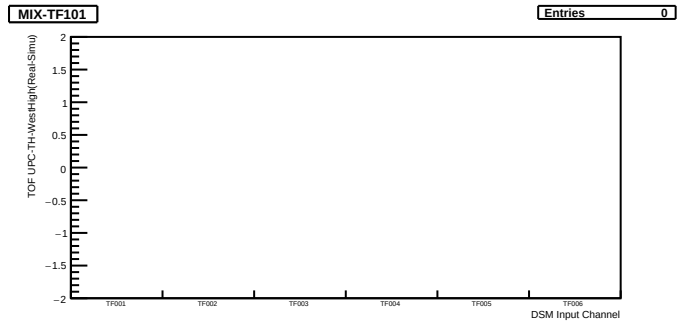

MIX-TF101
Entries 3175326
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

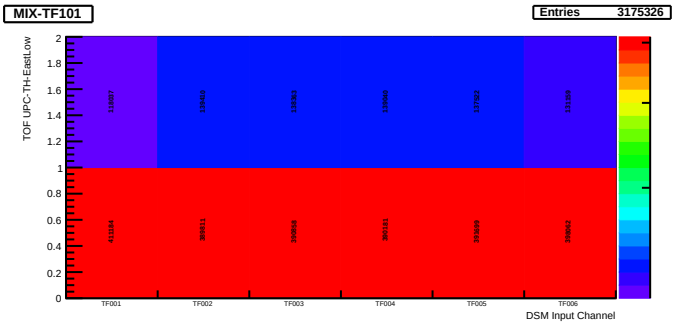

MIX-TF101
Entries 652324
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

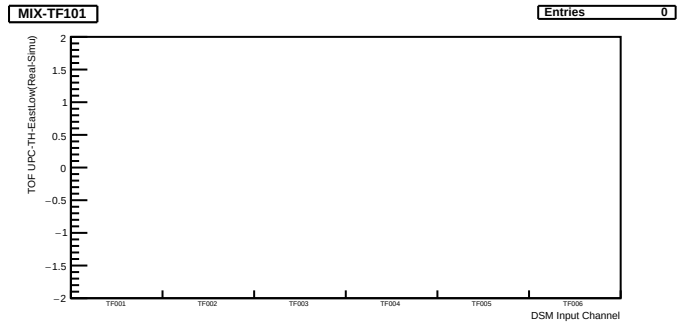

MIX-TF101
Entries 3175326
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

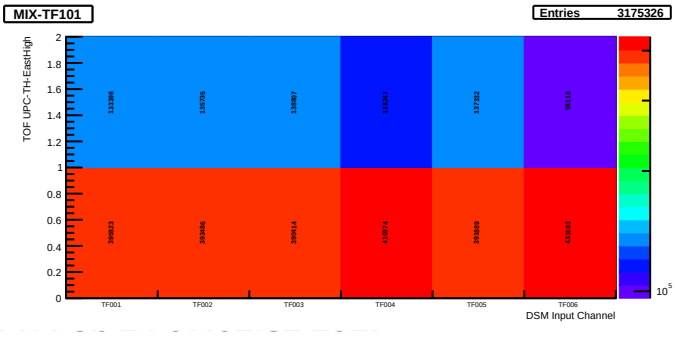

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

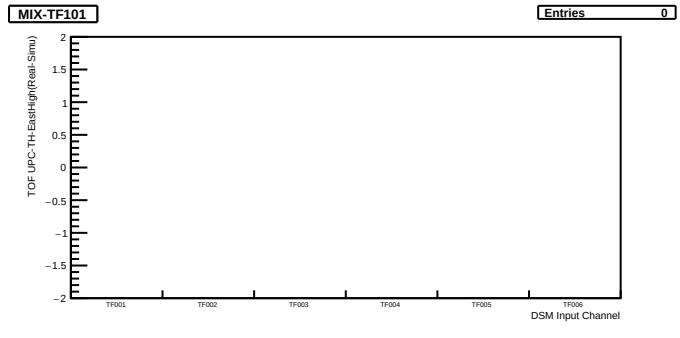

MIX-TF101
Entries 3175326
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

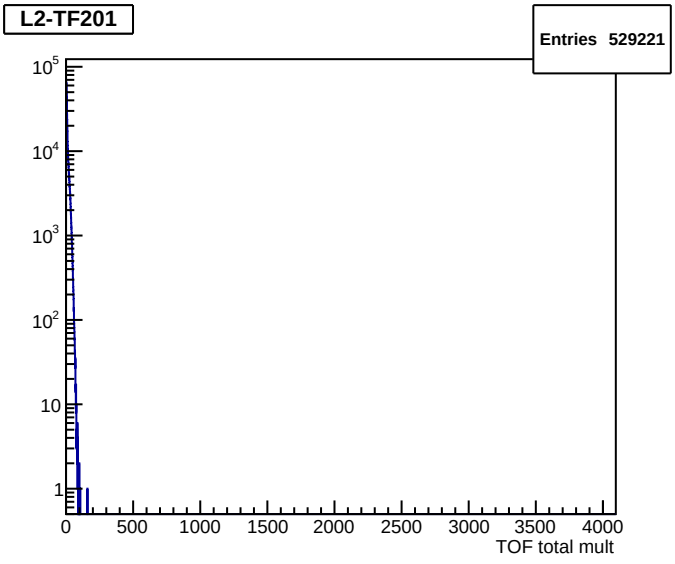

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

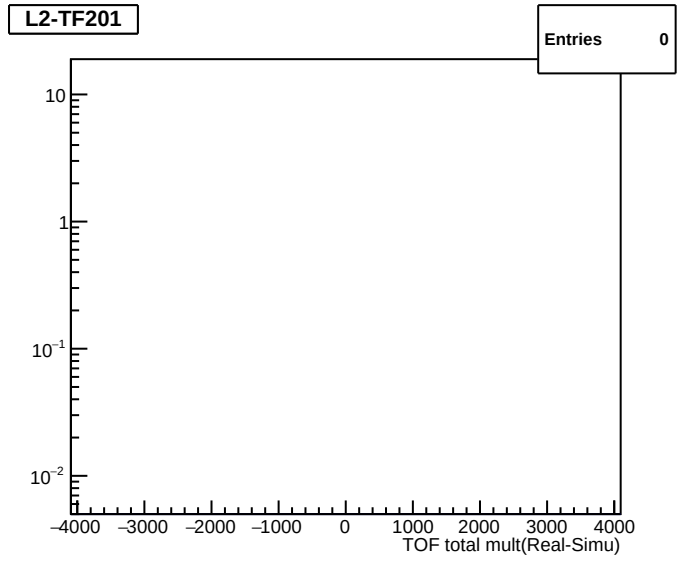

MIX-TF101
Entries 3175326
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

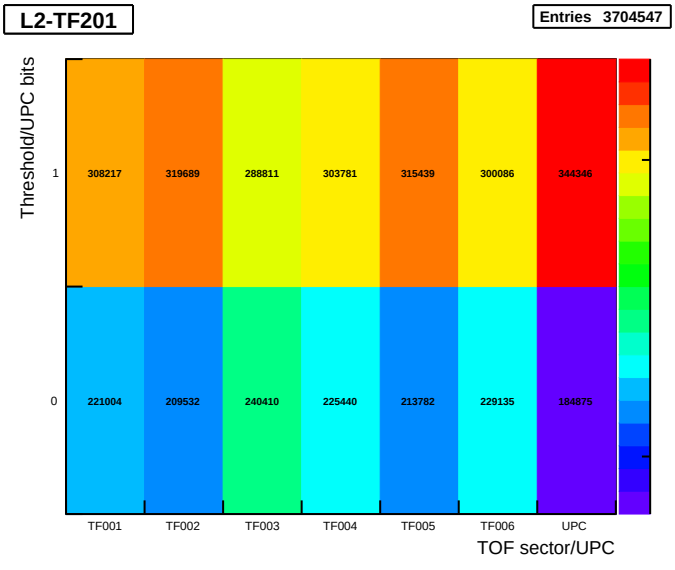

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

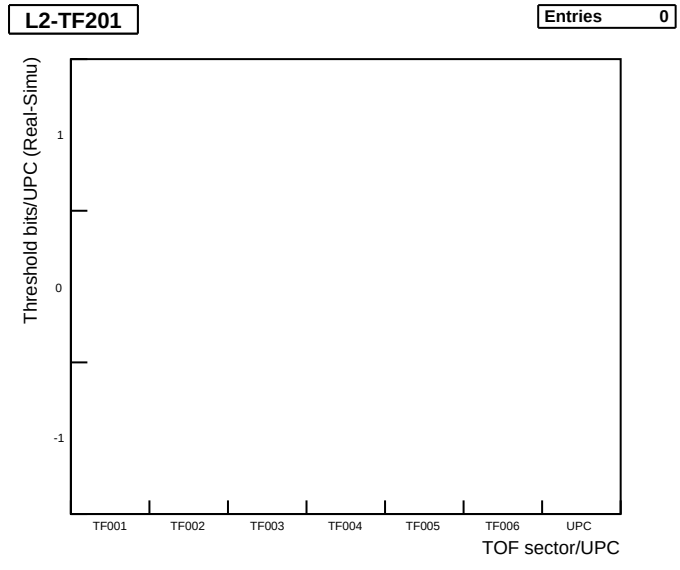

MIX-TF101
Entries 3175326
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

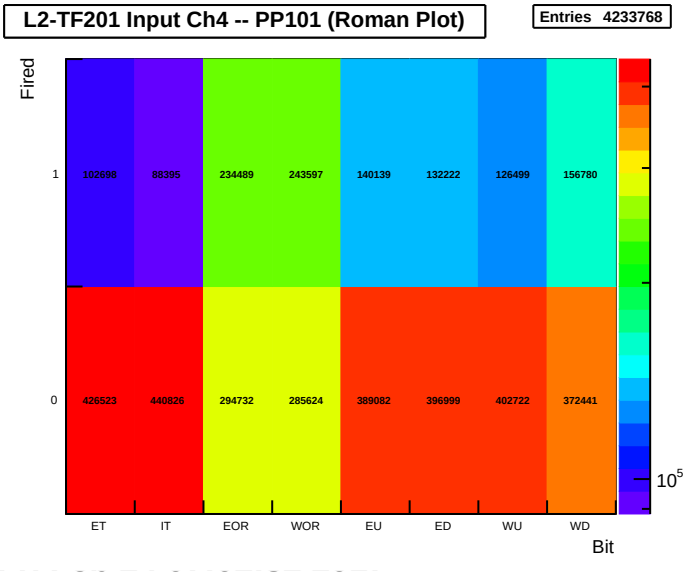

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

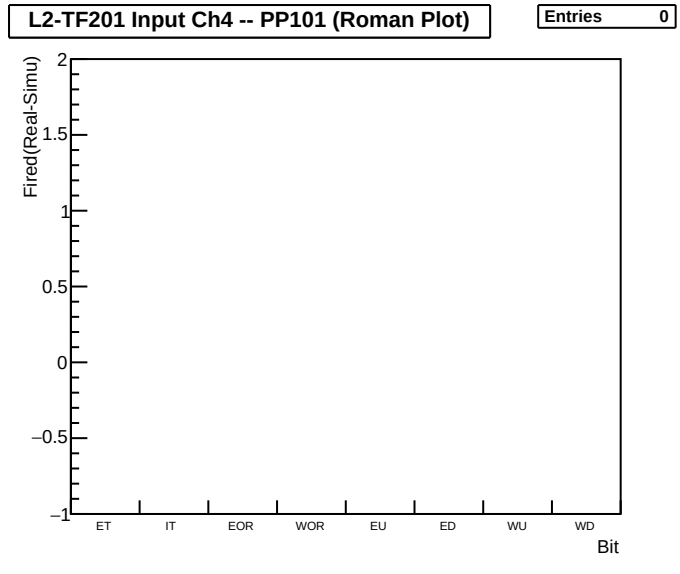

L2-TF201
Entries 529221
TOF total mult

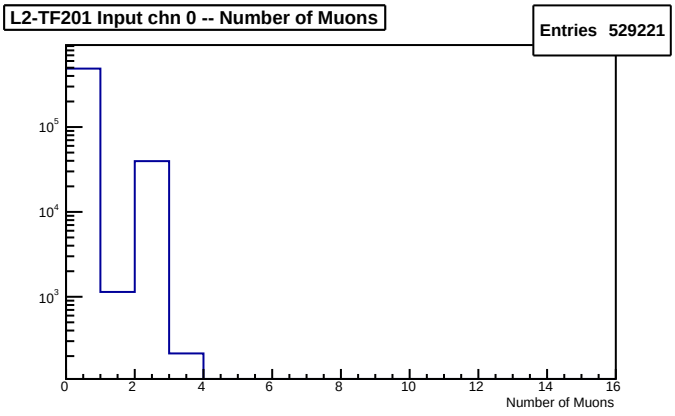

L2-TF201
Entries 0
TOF total mult(Real-Simu)

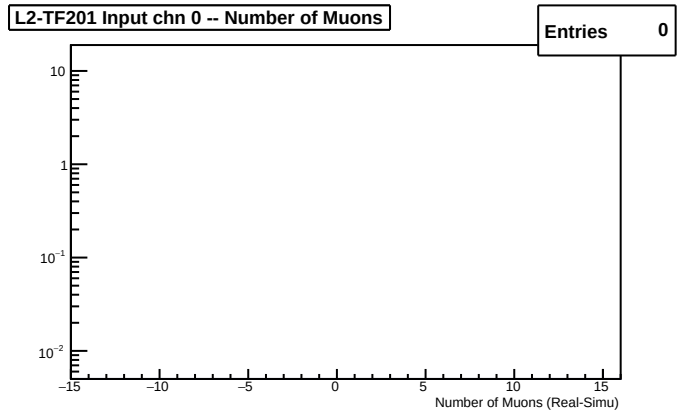

L2-TF201
Entries 3704547
Threshold/UPC bits
308217
319689
288811
303781
315439
300086
344346
221004
209532
240410
225440
213782
229135
184875
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

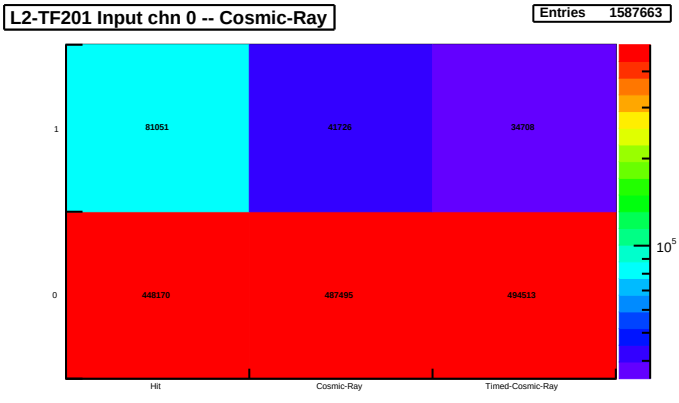

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

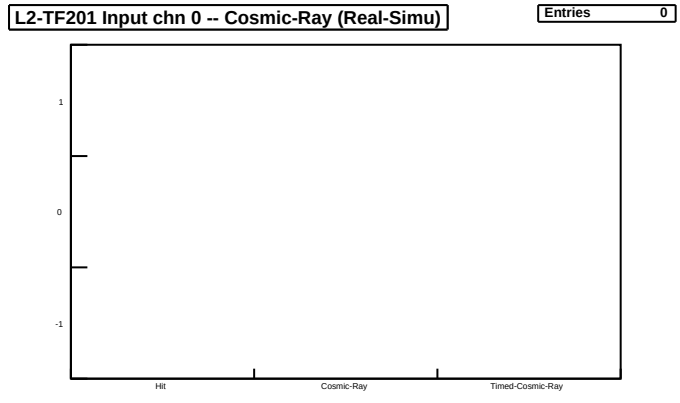

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4233768
Fired
102698
88395
234489
243597
140139
132222
126499
156780
426523
440826
294732
285624
389082
396999
402722
372441
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

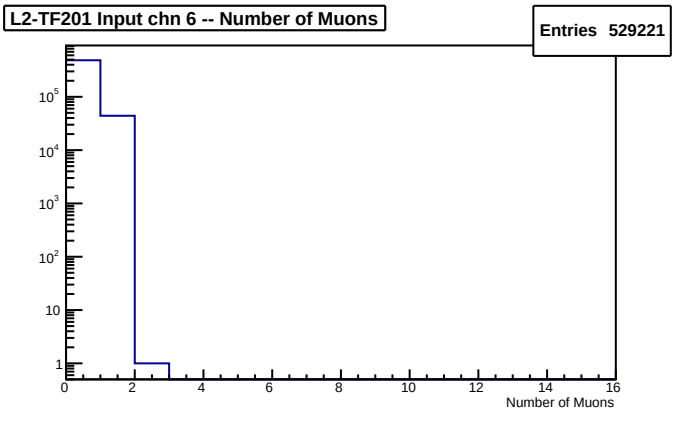

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

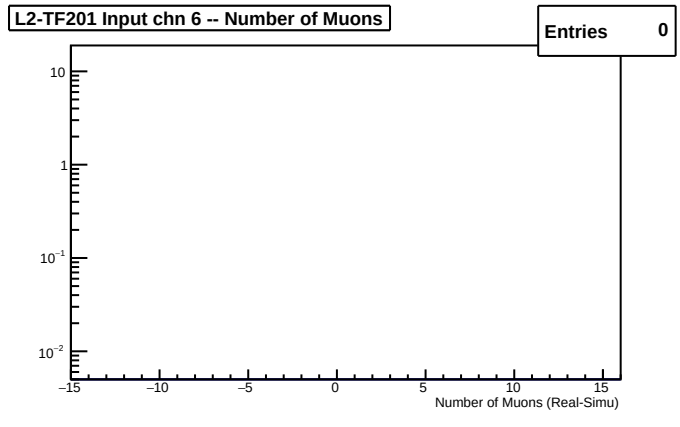

L2-TF201 Input chn 0 -- Number of Muons
Entries 529221
Number of Muons

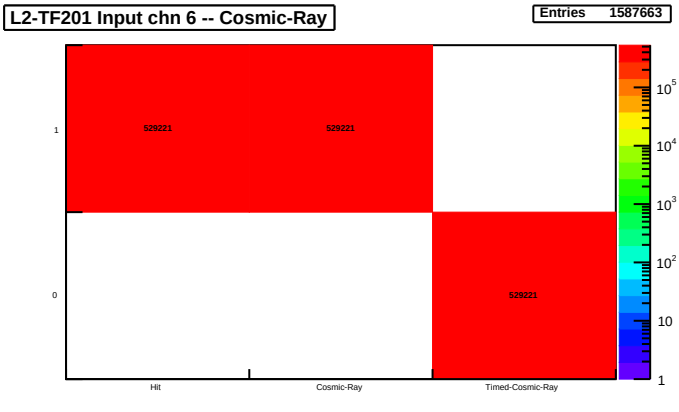

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

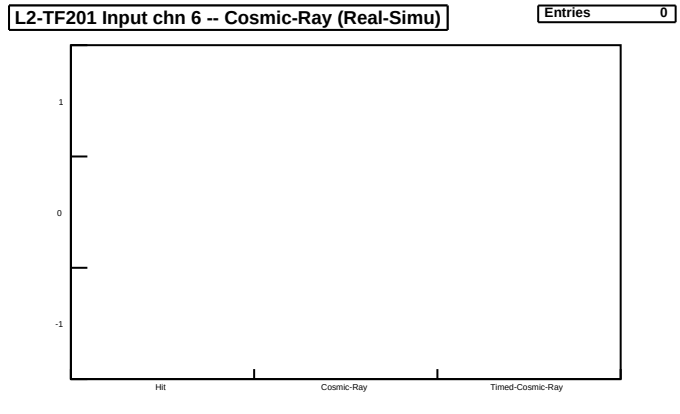

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1587663
81051
41726
34708
448170
487495
494513
Hit
Cosmic-Ray
Timed-Cosmic-Ray

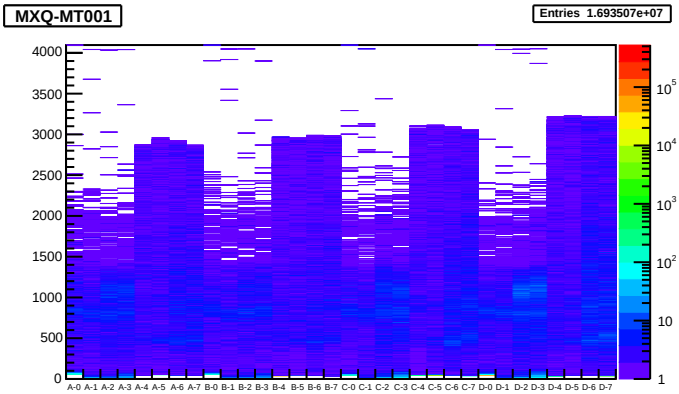

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

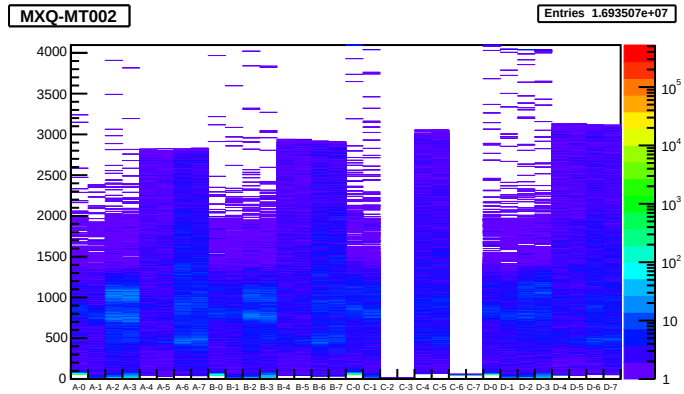

L2-TF201 Input chn 6 -- Number of Muons
Entries 529221
Number of Muons

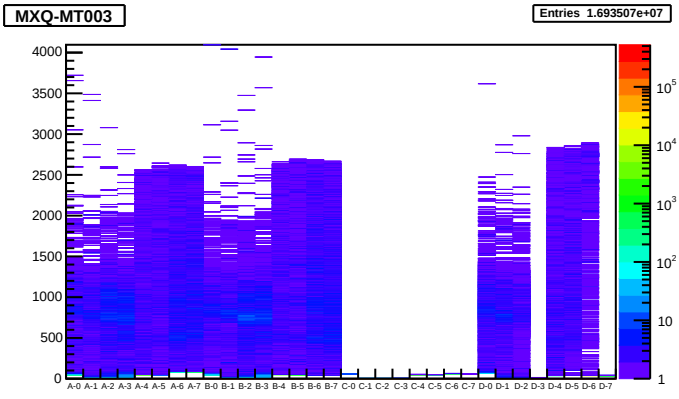

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

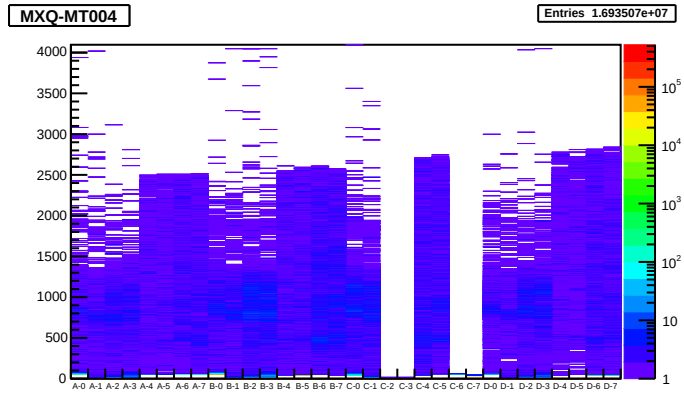

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1587663
529221
529221
529221
Hit
Cosmic-Ray
Timed-Cosmic-Ray

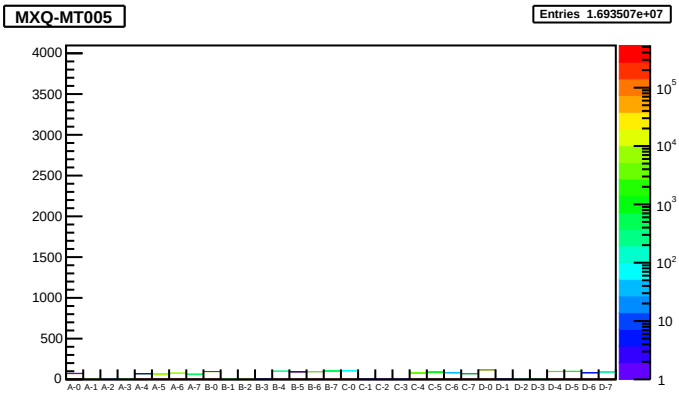

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

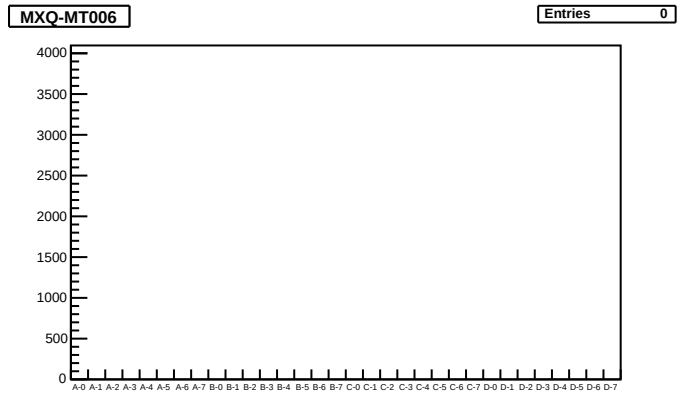

MXQ-MT001
Entries 1.693507e+07

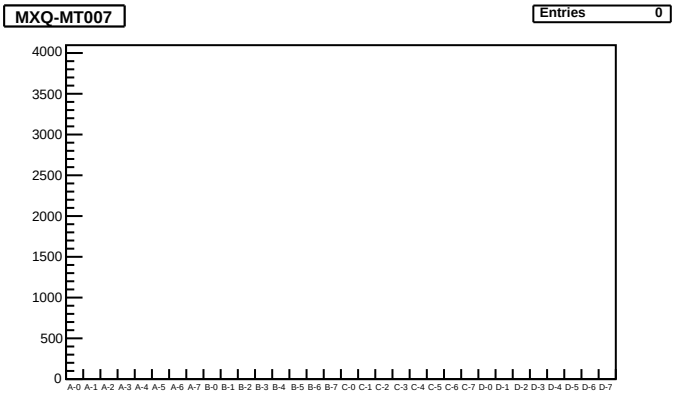

MXQ-MT002
Entries 1.693507e+07

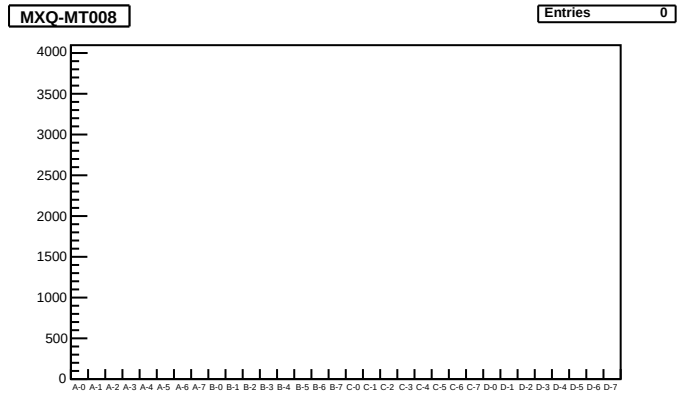

MXQ-MT003
Entries 1.693507e+07

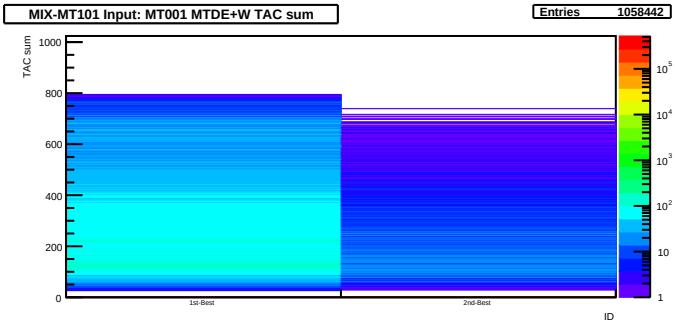

MXQ-MT004
Entries 1.693507e+07

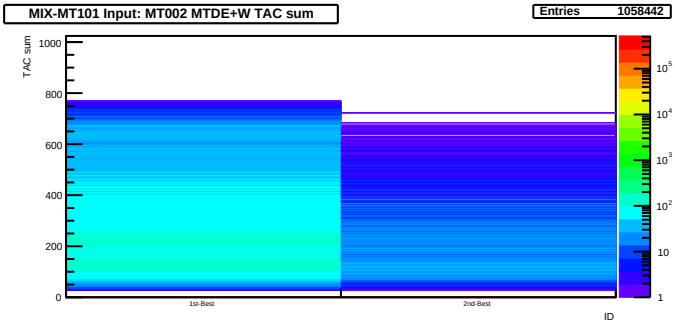

MXQ-MT005
Entries 1.693507e+07

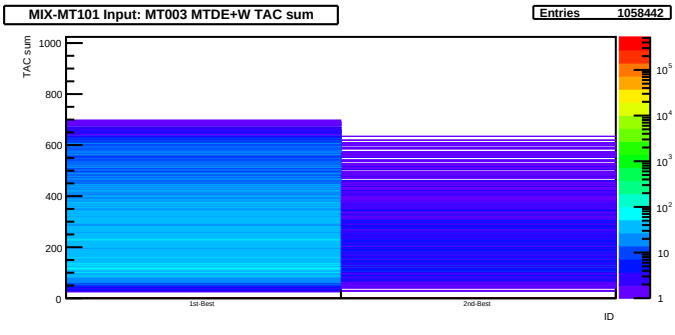

MXQ-MT006
Entries 0

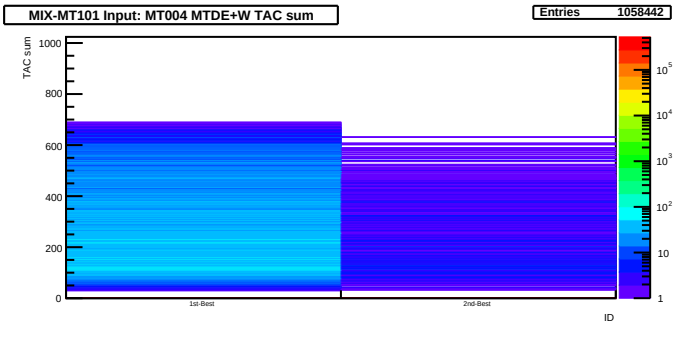

MXQ-MT007
Entries 0

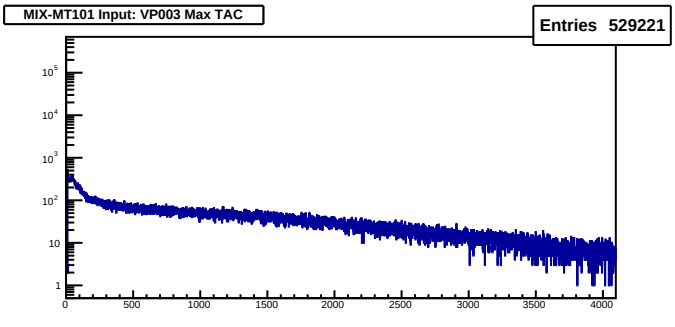

MXQ-MT008
Entries 0

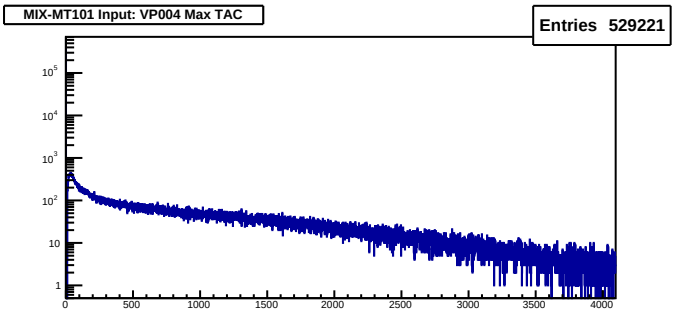

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1058442
TAC sum
1st-Best
2nd-Best
ID

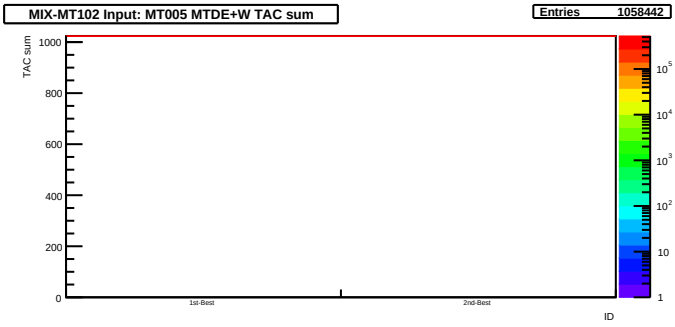

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1058442
TAC sum
1st-Best
2nd-Best
ID

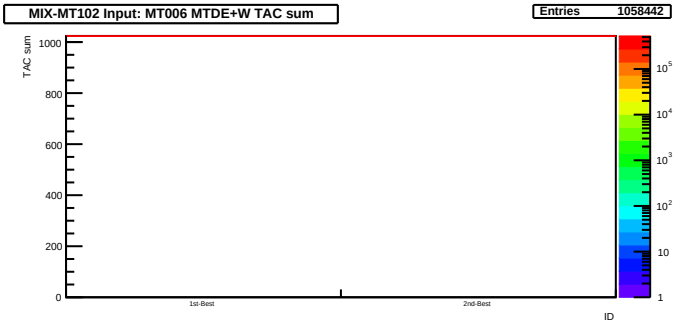

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1058442
TAC sum
1st-Best
2nd-Best
ID

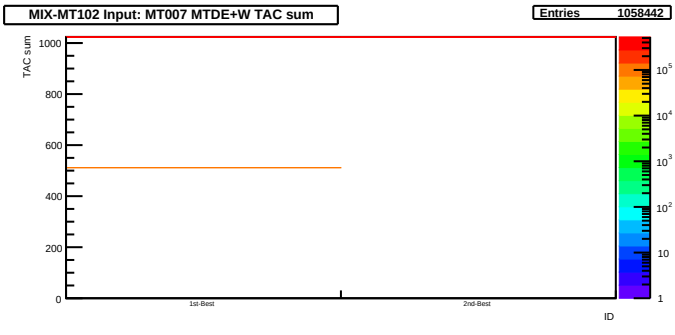

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1058442
TAC sum
1st-Best
2nd-Best
ID

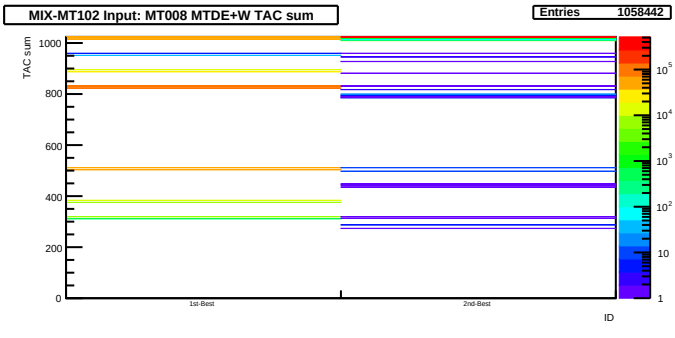

MIX-MT101 Input: VP003 Max TAC
Entries 529221

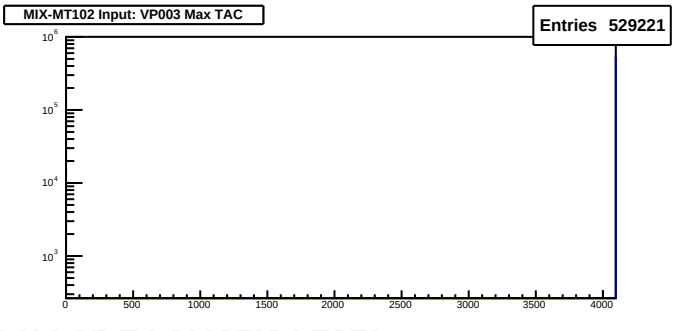

MIX-MT101 Input: VP004 Max TAC
Entries 529221

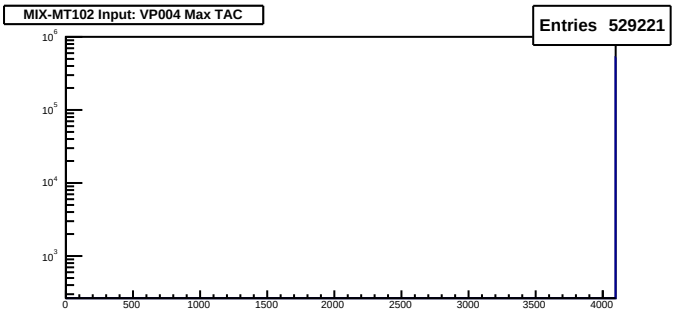

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1058442
TAC sum
1st-Best
2nd-Best
ID

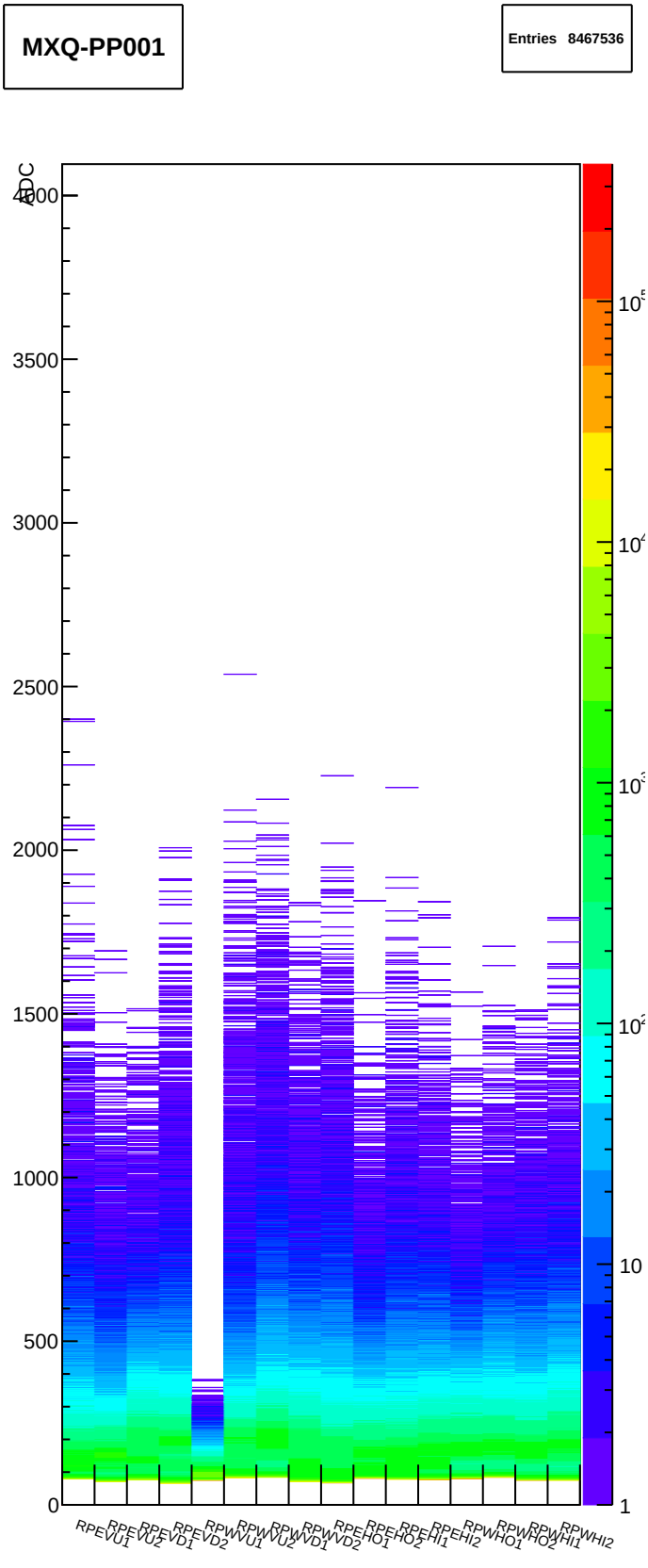

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1058442
TAC sum
1st-Best
2nd-Best
ID

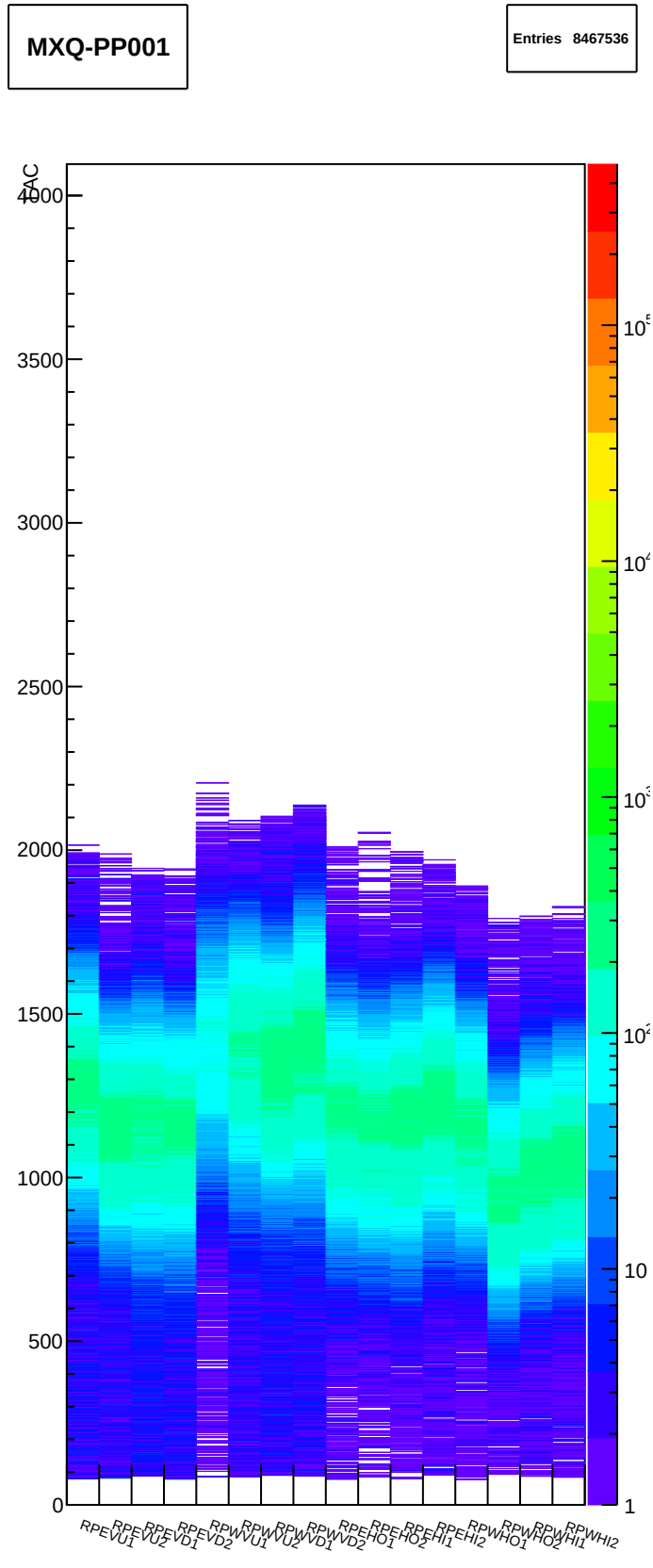

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1058442
TAC sum
1st-Best
2nd-Best
ID

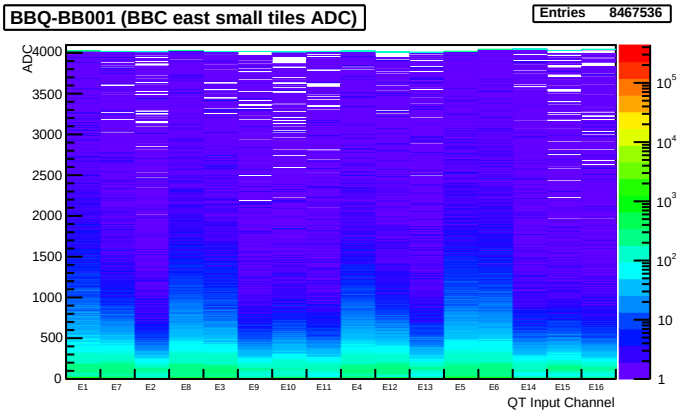

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1058442
TAC sum
1st-Best
2nd-Best
ID

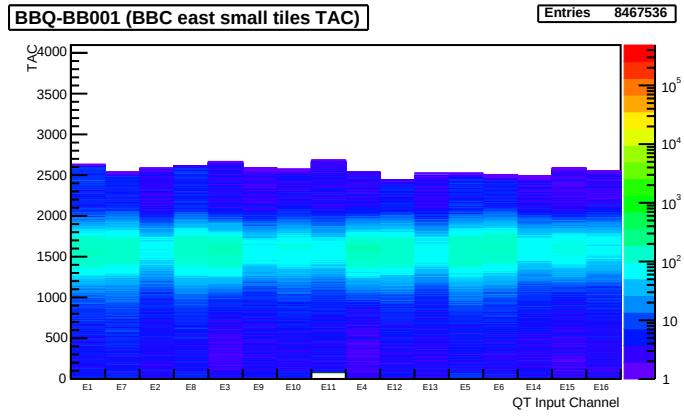

MIX-MT102 Input: VP003 Max TAC
Entries 529221

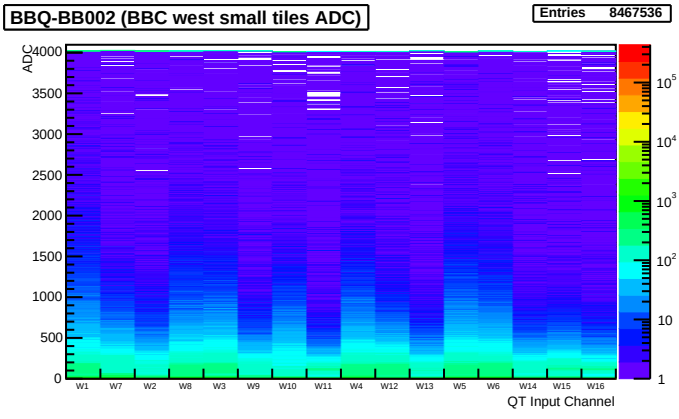

MIX-MT102 Input: VP004 Max TAC
Entries 529221

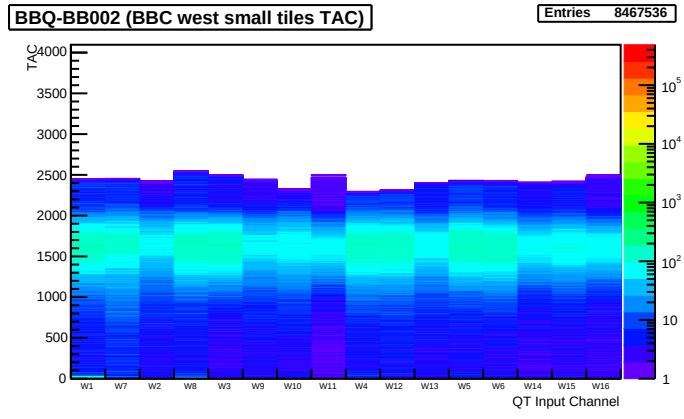

MXQ-PP001
Entries 8467536
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

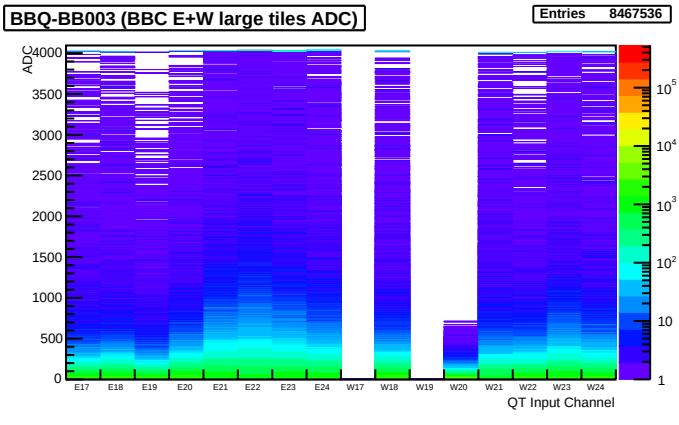

MXQ-PP001
Entries 8467536
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

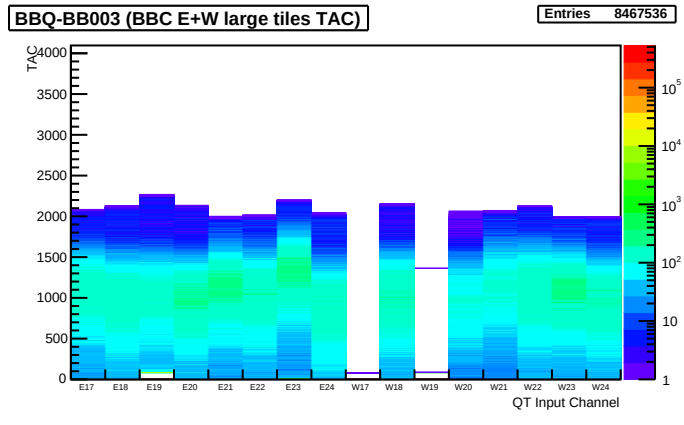

BBQ-BB001 (BBC east small tiles ADC)
Entries 8467536
ADC
QT Input Channel

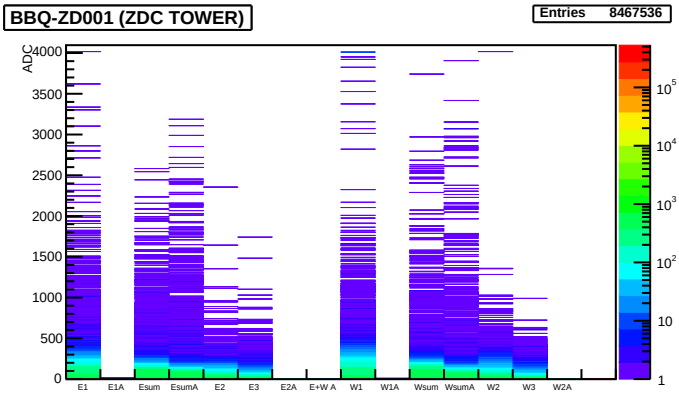

BBQ-BB001 (BBC east small tiles TAC)
Entries 8467536
TAC
QT Input Channel

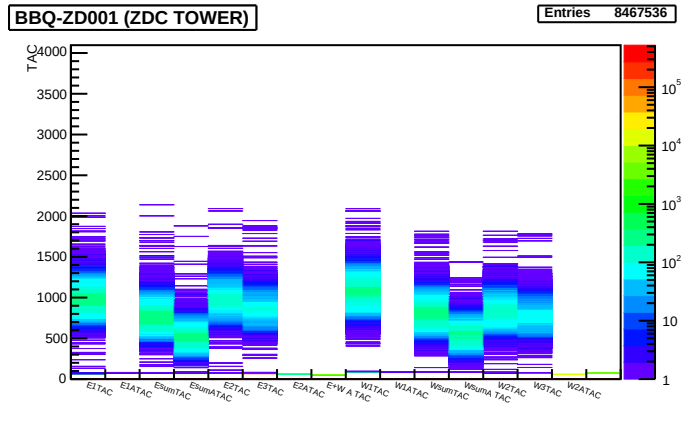

BBQ-BB002 (BBC west small tiles ADC)
Entries 8467536
ADC
QT Input Channel

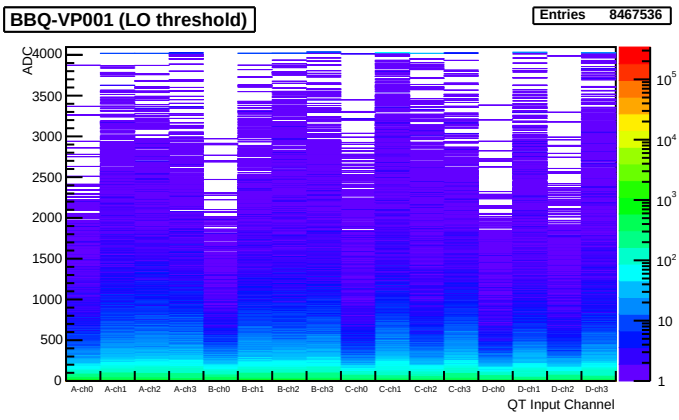

BBQ-BB002 (BBC west small tiles TAC)
Entries 8467536
TAC
QT Input Channel

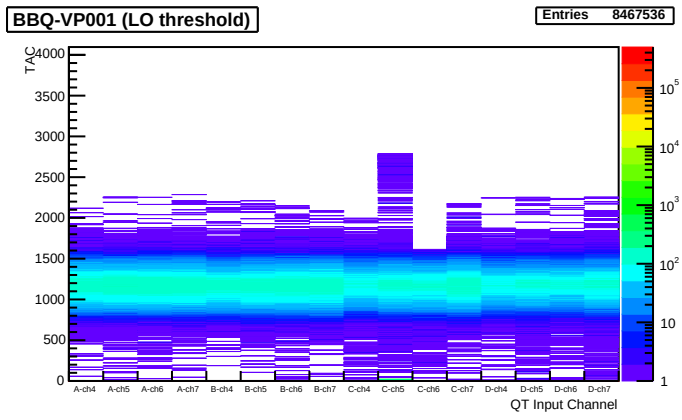

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8467536
ADC
QT Input Channel

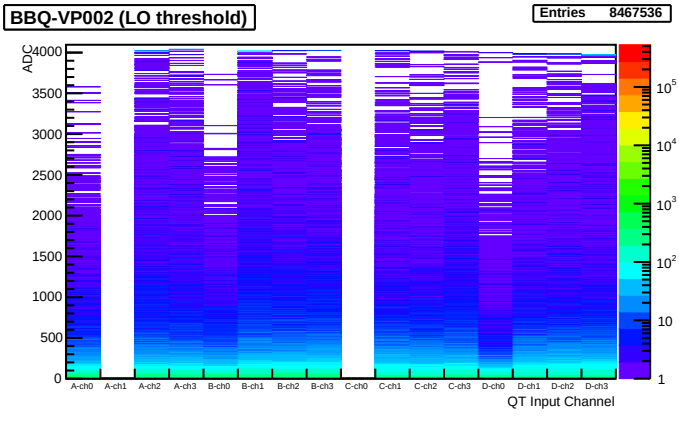

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8467536
TAC
QT Input Channel

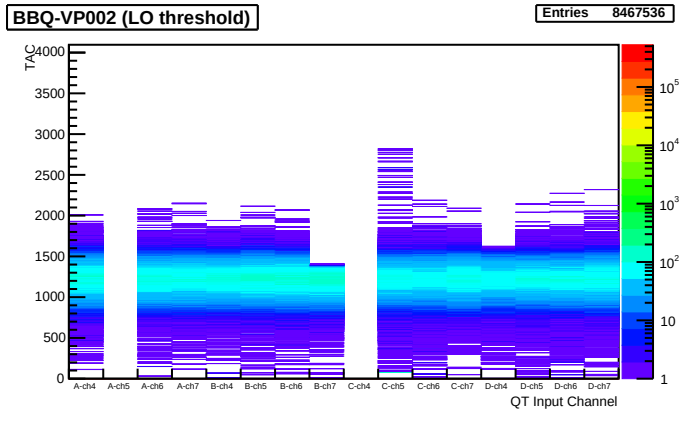

BBQ-ZD001 (ZDC TOWER)
Entries 8467536
ADC

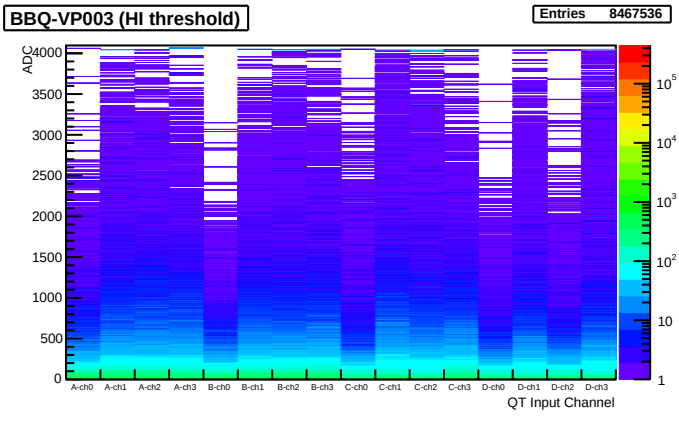

BBQ-ZD001 (ZDC TOWER)
Entries 8467536
TAC

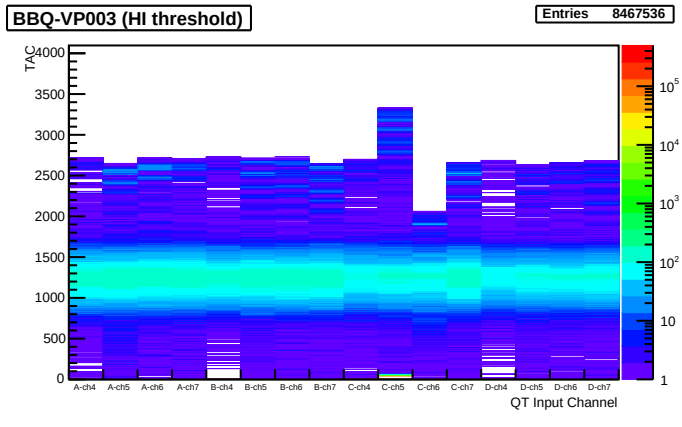

BBQ-VP001 (LO threshold)
Entries 8467536
ADC
QT Input Channel

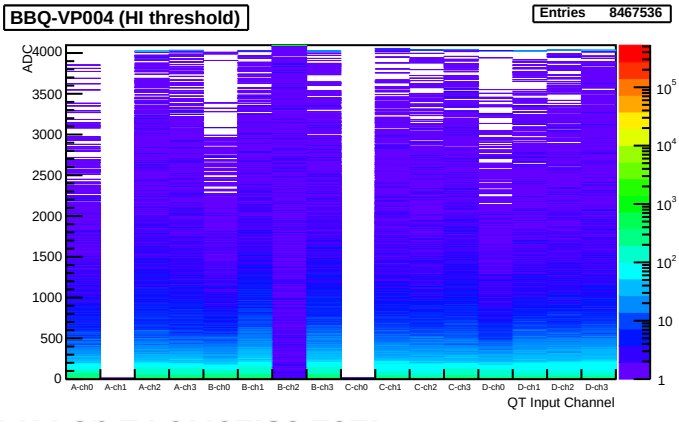

BBQ-VP001 (LO threshold)
Entries 8467536
TAC
QT Input Channel

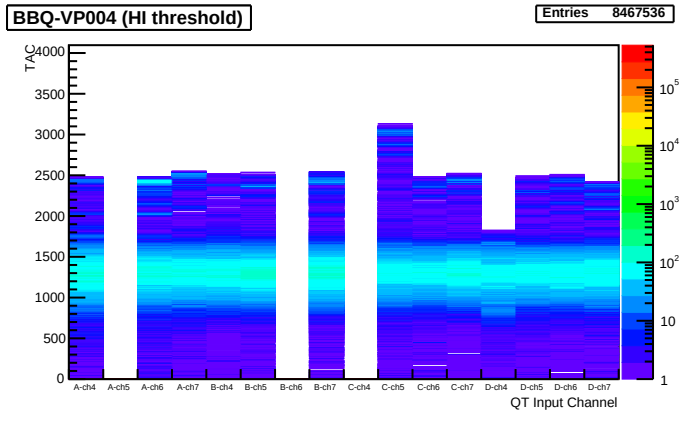

BBQ-VP002 (LO threshold)
Entries 8467536
ADC
QT Input Channel

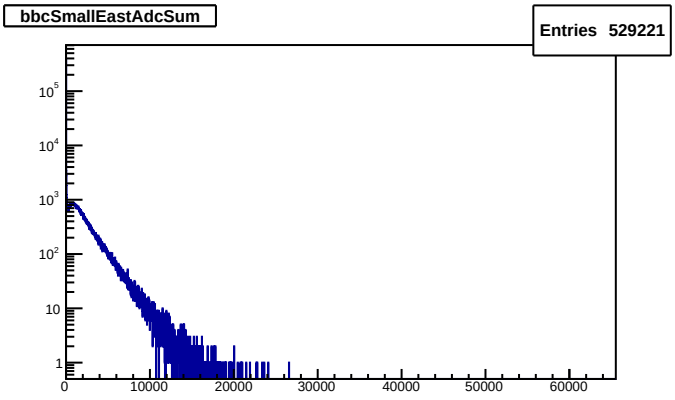

BBQ-VP002 (LO threshold)
Entries 8467536
TAC
QT Input Channel

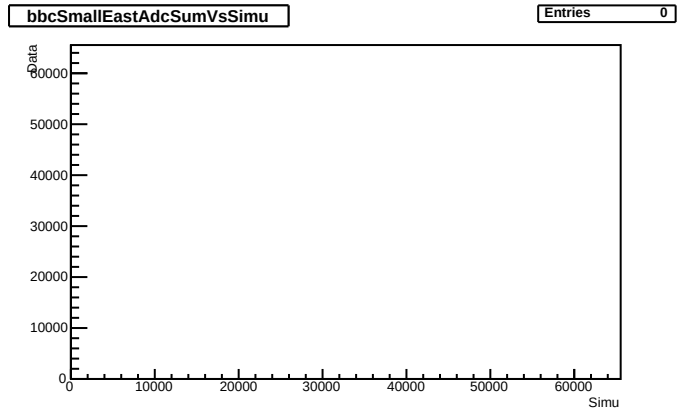

BBQ-VP003 (HI threshold)
Entries 8467536
ADC
QT Input Channel

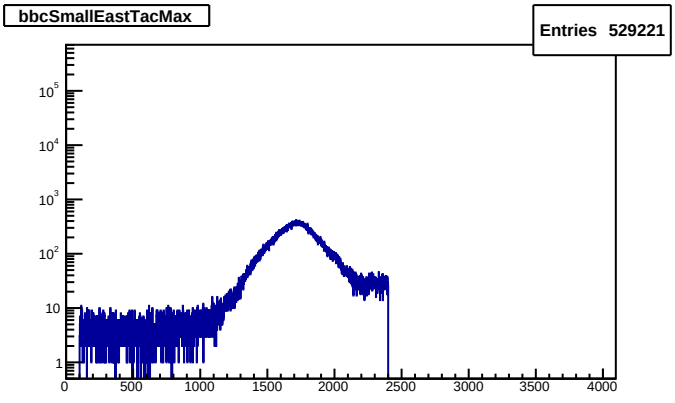

BBQ-VP003 (HI threshold)
Entries 8467536
TAC
QT Input Channel

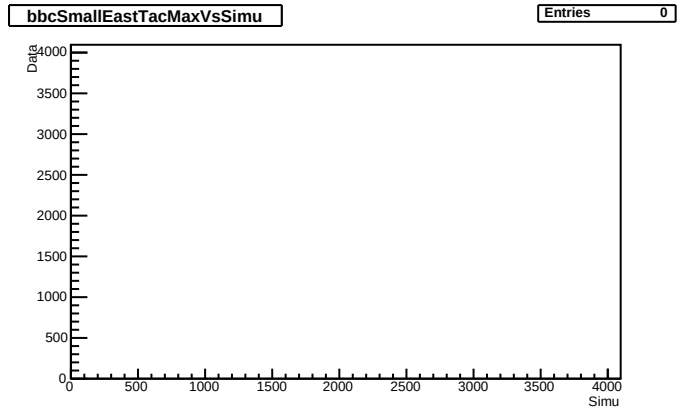

BBQ-VP004 (HI threshold)
Entries 8467536
ADC
QT Input Channel

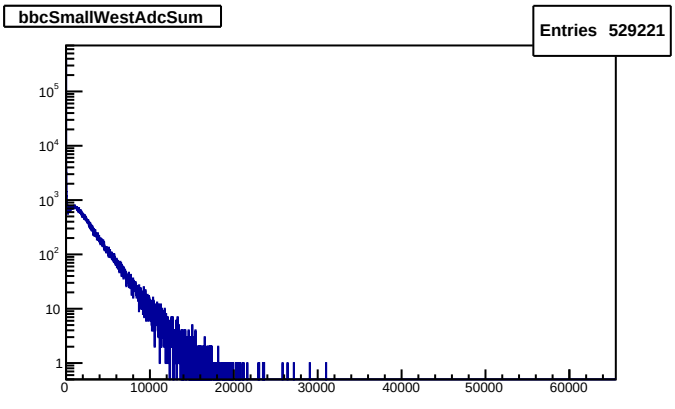

BBQ-VP004 (HI threshold)
Entries 8467536
TAC
QT Input Channel

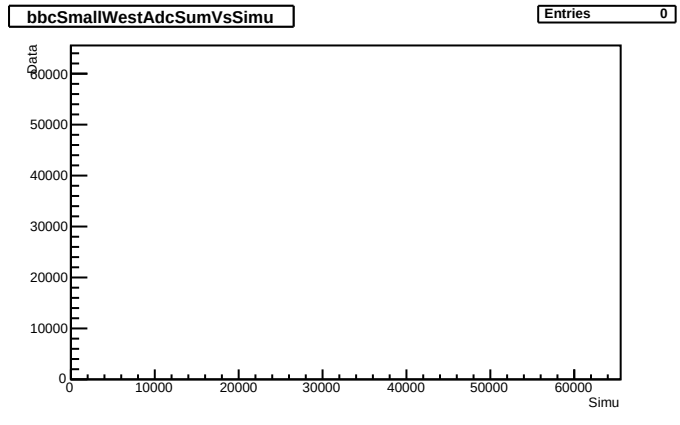

bbcSmallEastAdcSum
Entries 529221

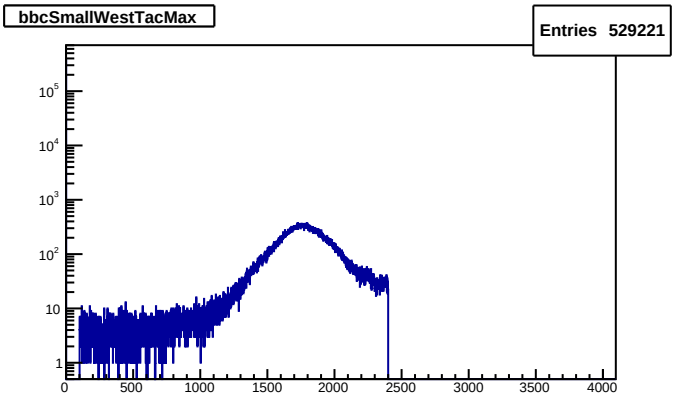

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

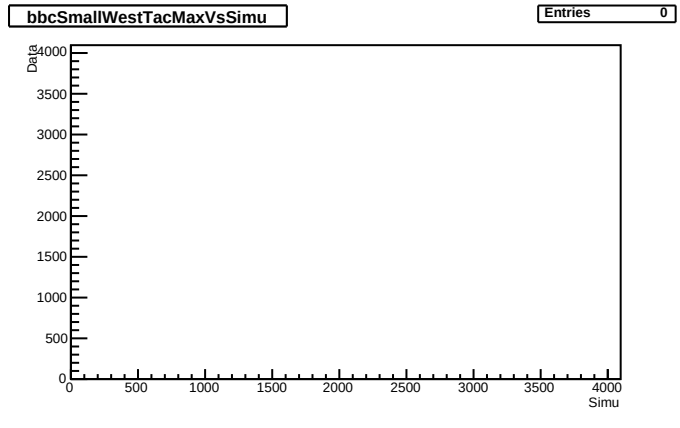

bbcSmallEastTacMax
Entries 529221

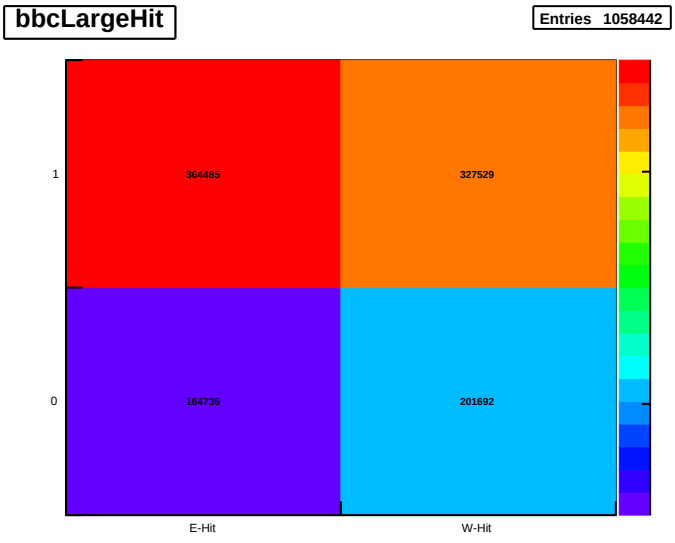

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

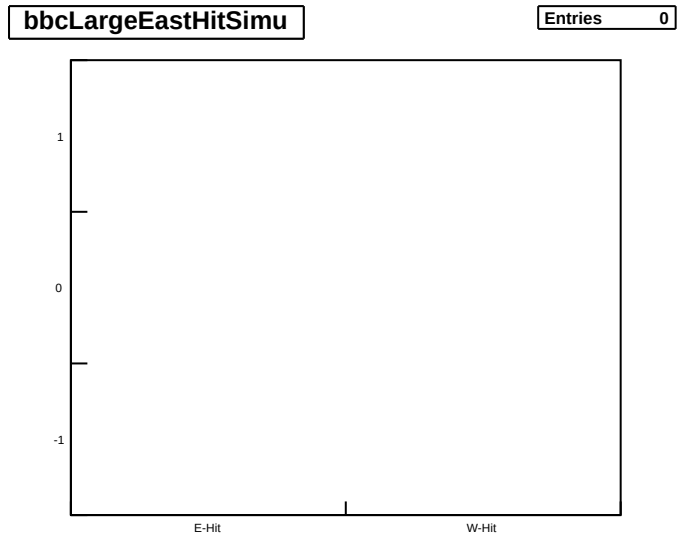

bbcSmallWestAdcSum
Entries 529221

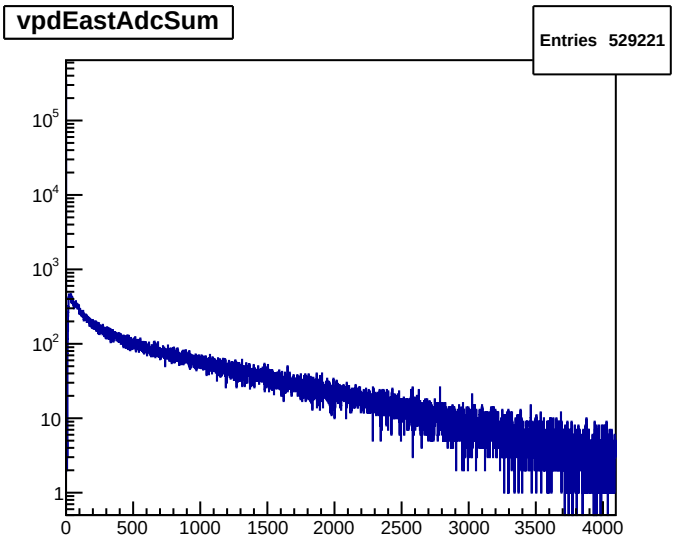

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

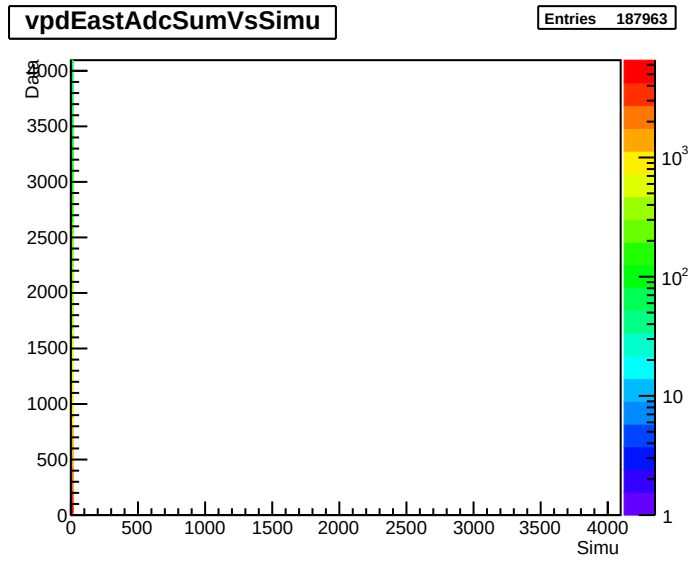

bbcSmallWestTacMax
Entries 529221

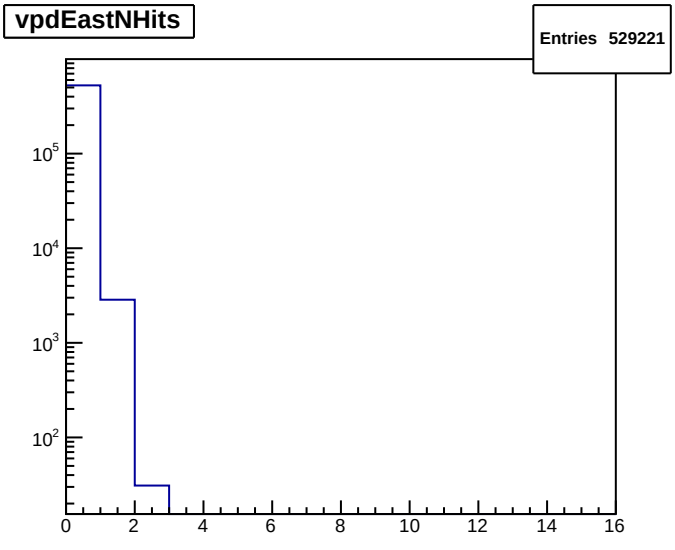

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

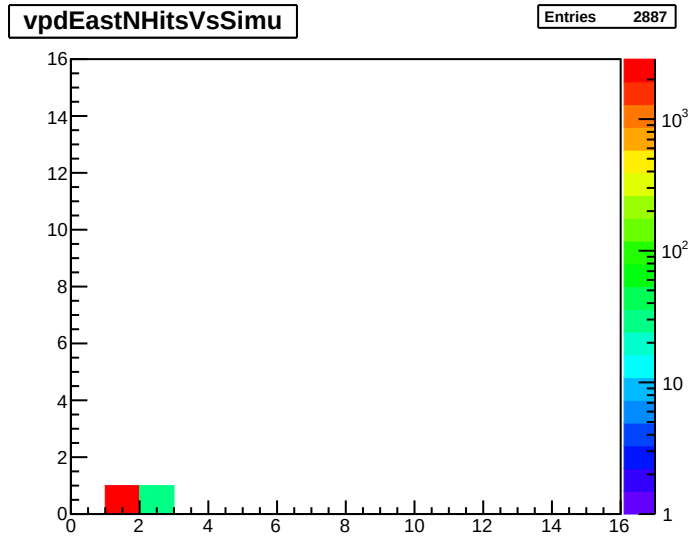

bbcLargeHit
Entries 1058442
364485
327529
164736
201692
1
0
E-Hit
W-Hit

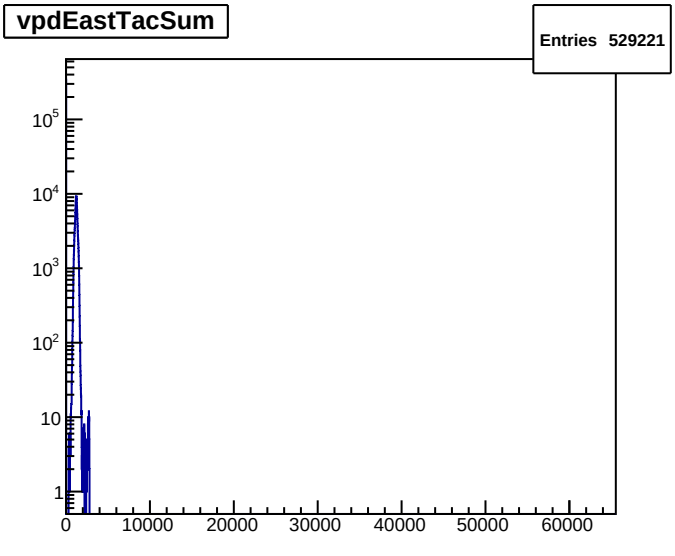

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

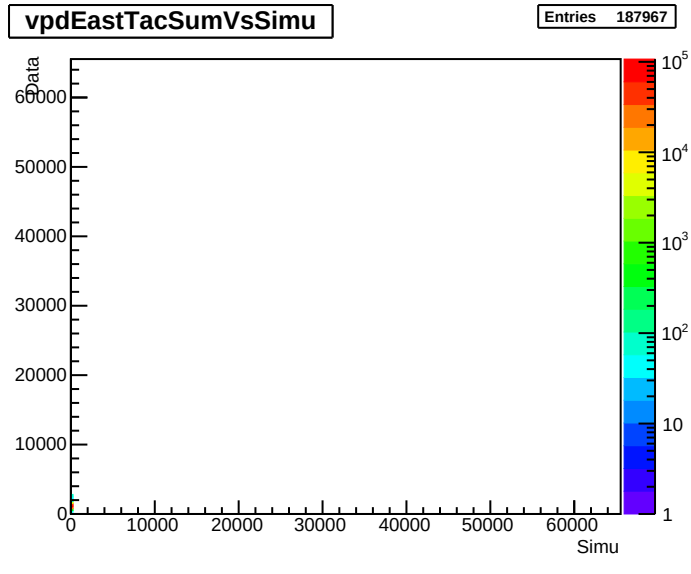

vpdEastAdcSum
Entries 529221

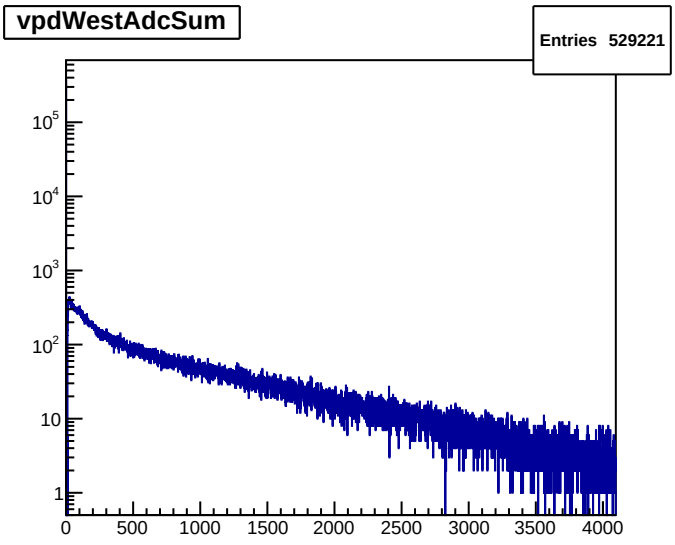

vpdEastAdcSumVsSimu
Entries 187963
Data
Simu

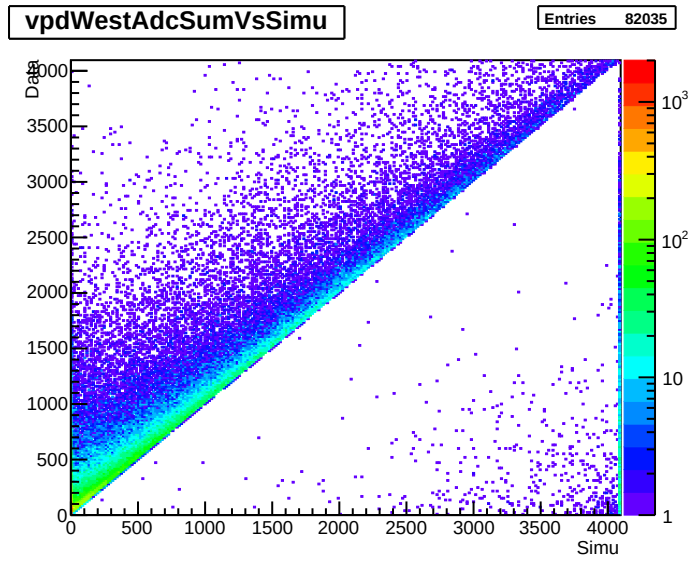

vpdEastNHits
Entries 529221

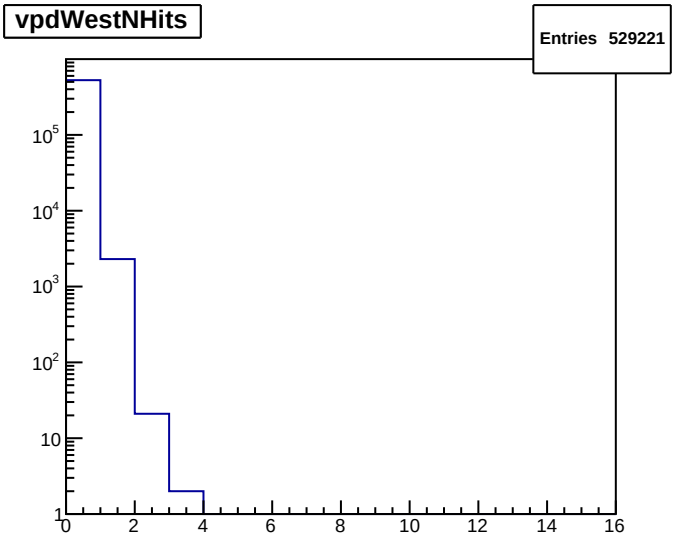

vpdEastNHitsVsSimu
Entries 2887

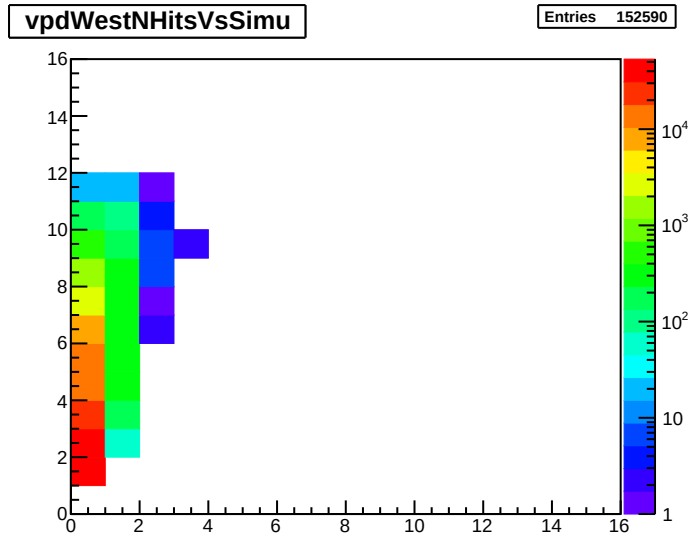

vpdEastTacSum
Entries 529221

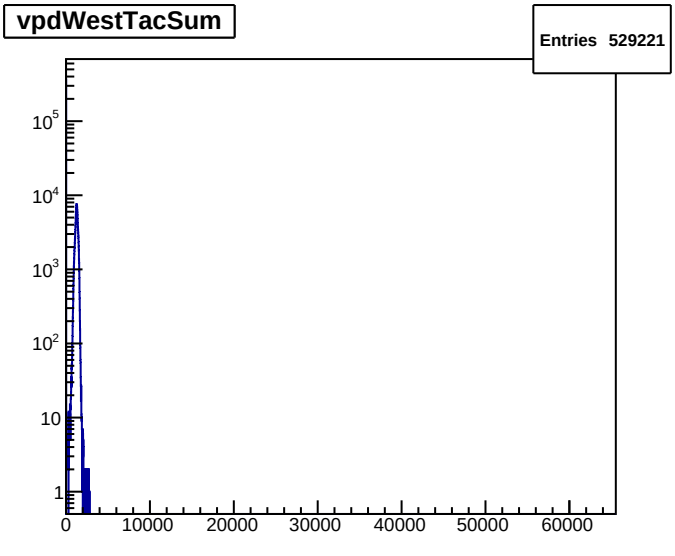

vpdEastTacSumVsSimu
Entries 187967
Data
Simu

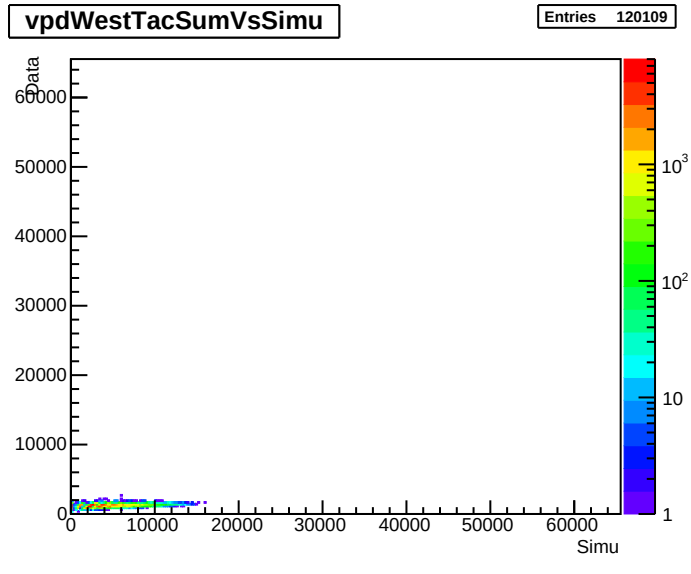

vpdWestAdcSum
Entries 529221

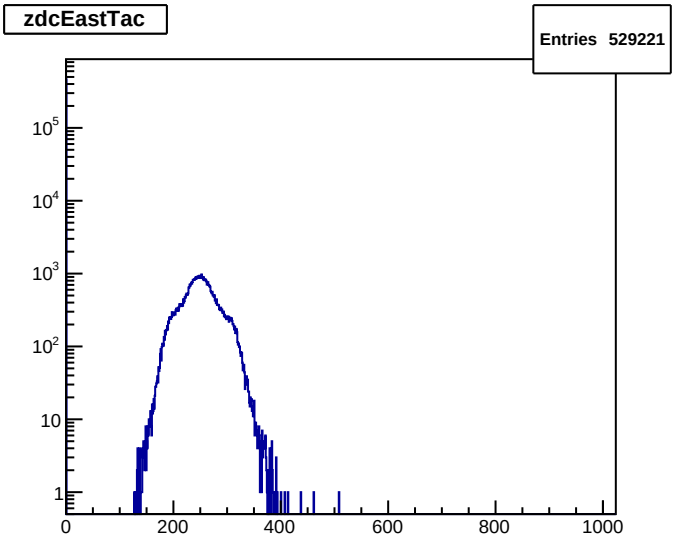

vpdWestAdcSumVsSimu
Entries 82035
Data
Simu

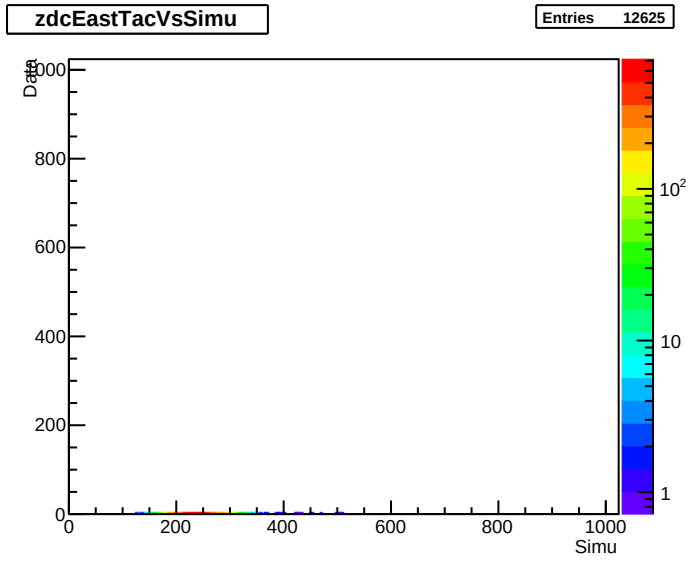

vpdWestNHits
Entries 529221

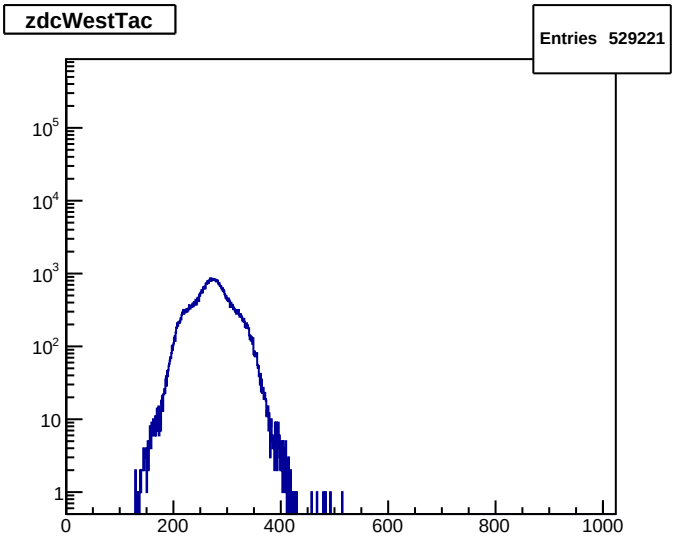

vpdWestNHitsVsSimu
Entries 152590

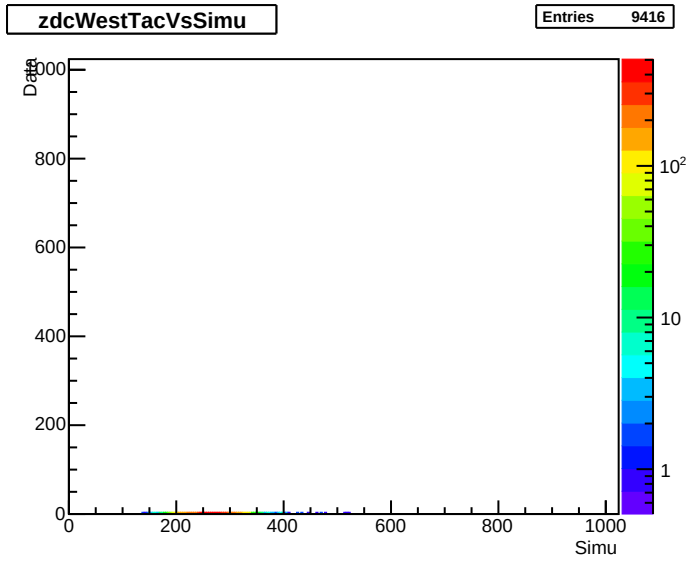

vpdWestTacSum
Entries 529221

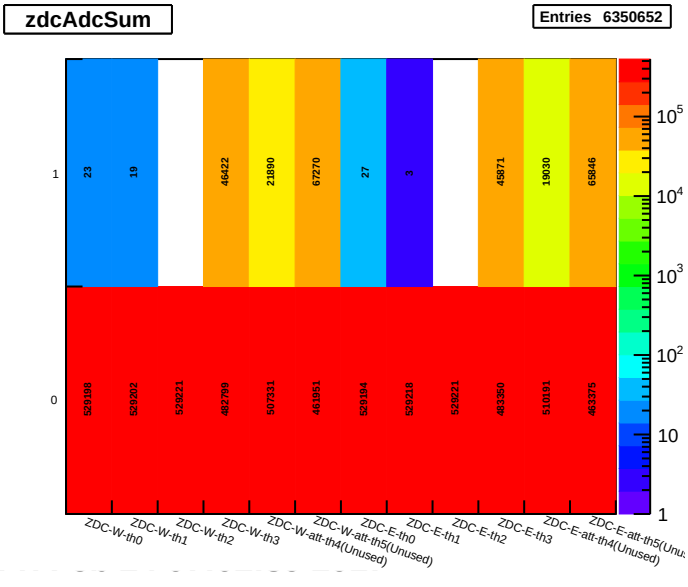

vpdWestTacSumVsSimu
Entries 120109
Data
Simu

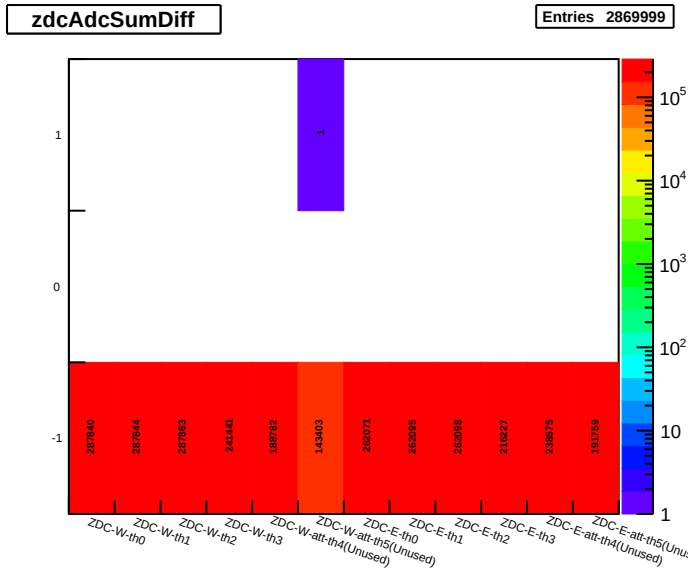

zdcEastTac
Entries 529221

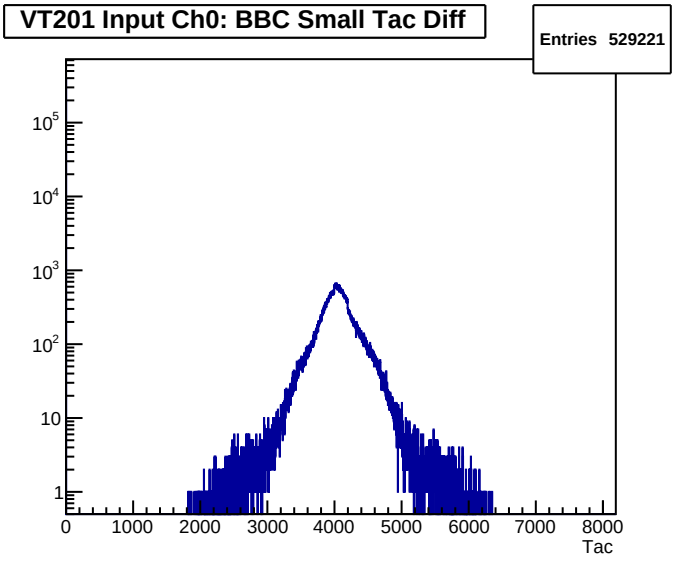

zdcEastTacVsSimu
Entries 12625
Data
Simu

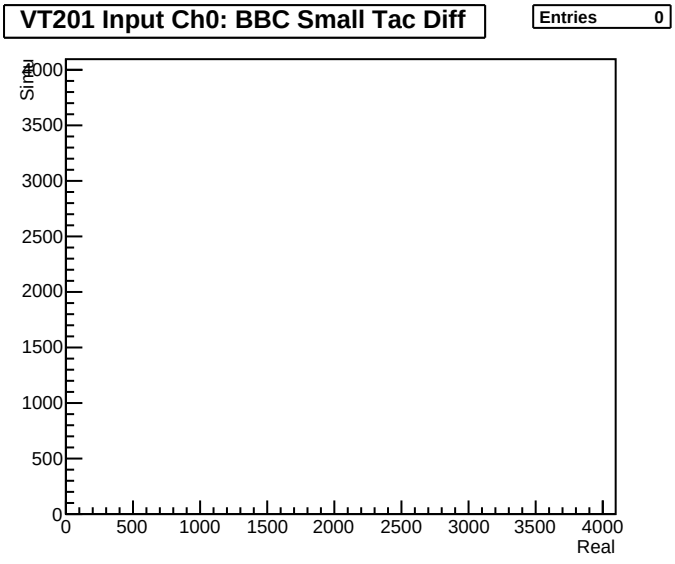

zdcWestTac
Entries 529221

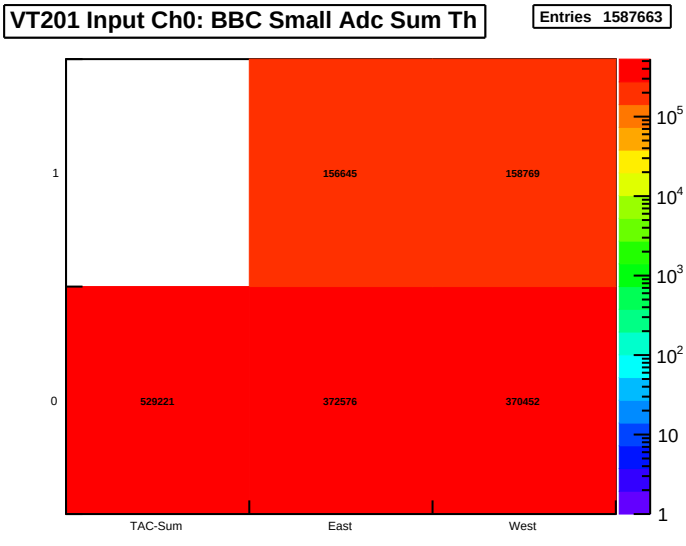

zdcWestTacVsSimu
Entries 9416
Data
Simu

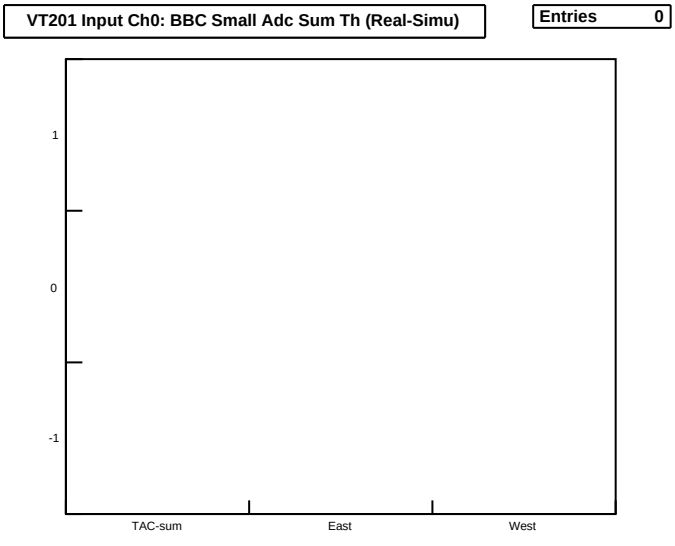

zdcAdcSum
Entries 6350652
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

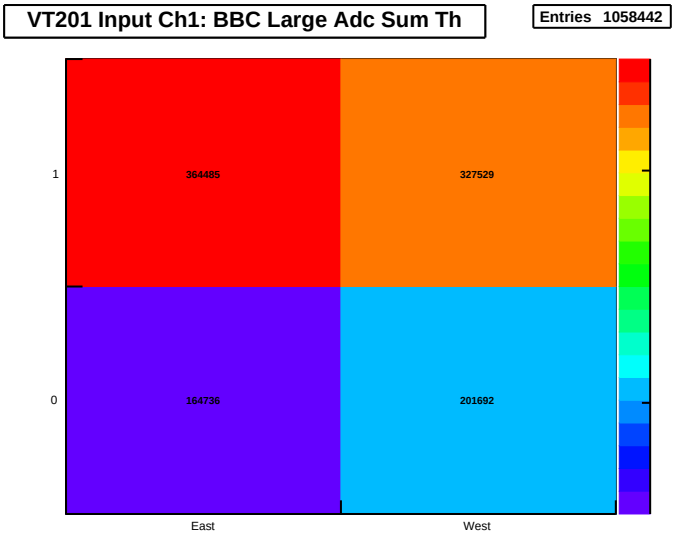

zdcAdcSumDiff
Entries 2869999
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

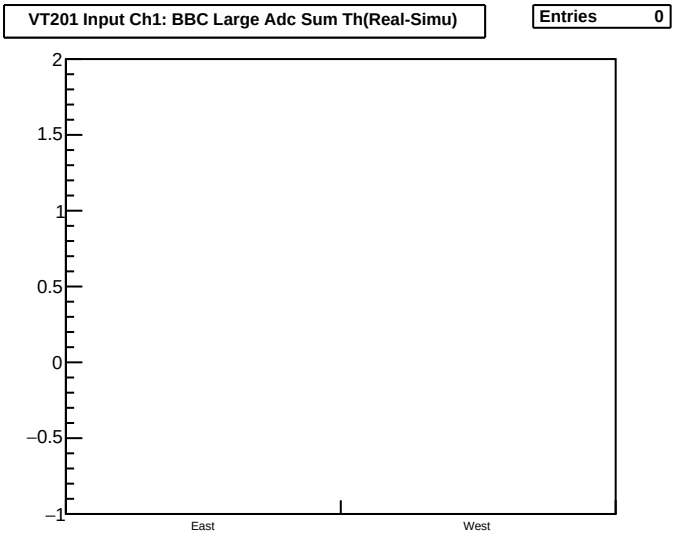

VT201 Input Ch0: BBC Small Tac Diff
Entries 529221
Tac


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

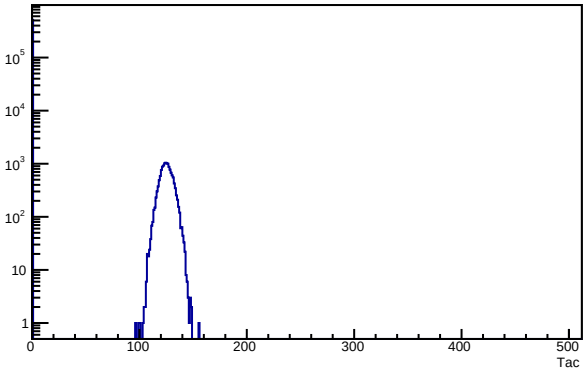

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1587663
156645
158769
529221
372576
370452
TAC-Sum
East
West


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

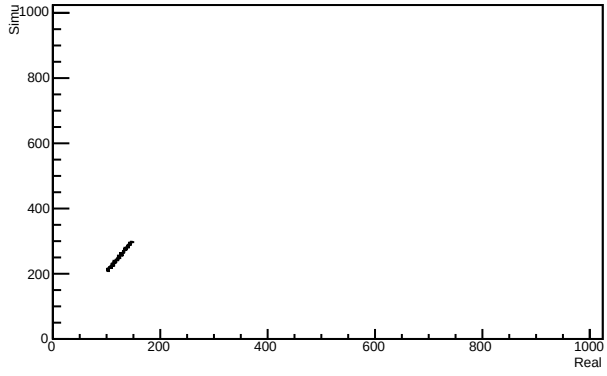

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1058442
364485
327529
164736
201692
East
West


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

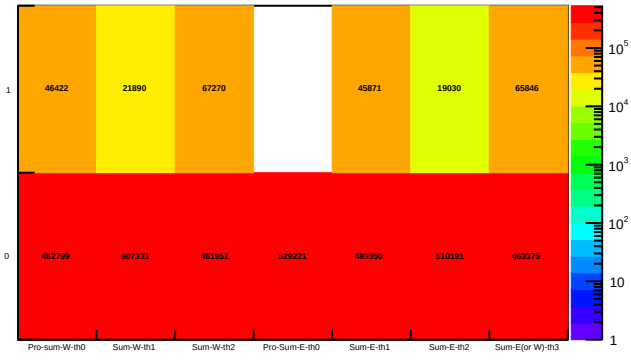
VT201 Input Ch2: ZDC Tac Diff



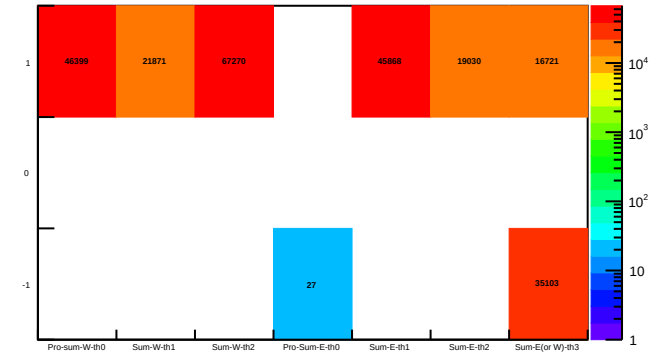
VT201 Input Ch2: ZDC Tac Diff



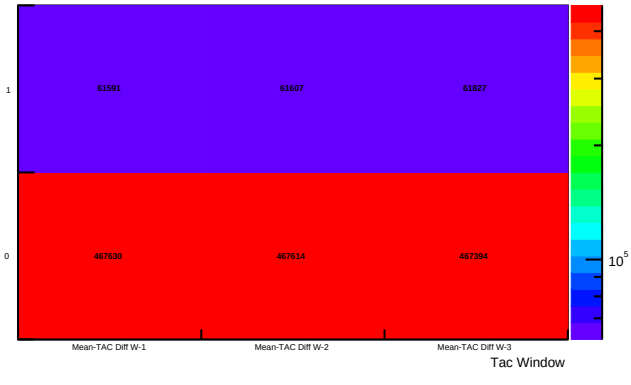
VT201 Input Ch2: ZDC Adc Sum Th



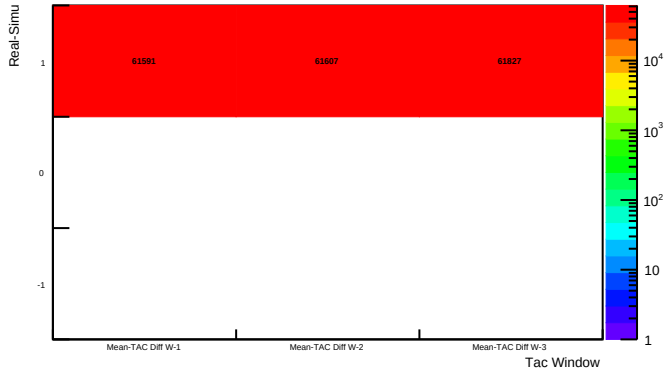
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



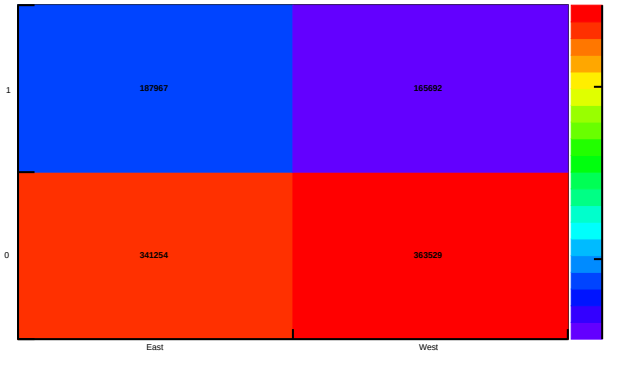
VT201 Input Ch4: VPD Tac Diff



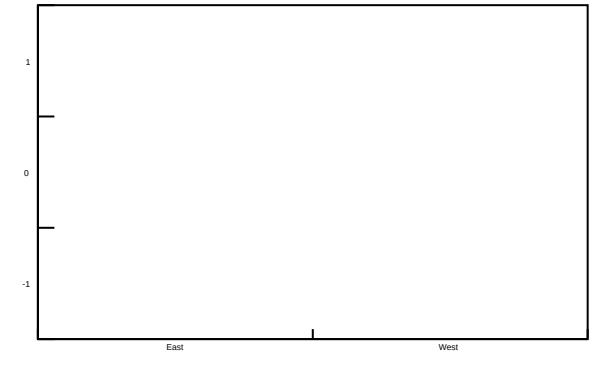
VT201 Input Ch4: VPD Tac Diff

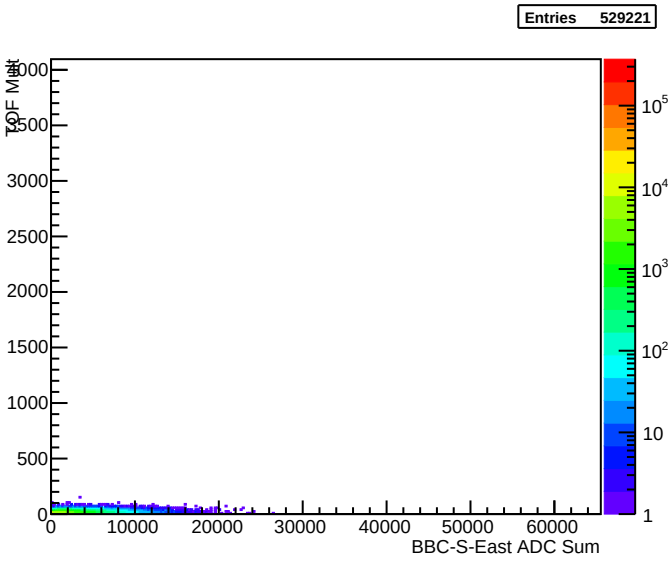


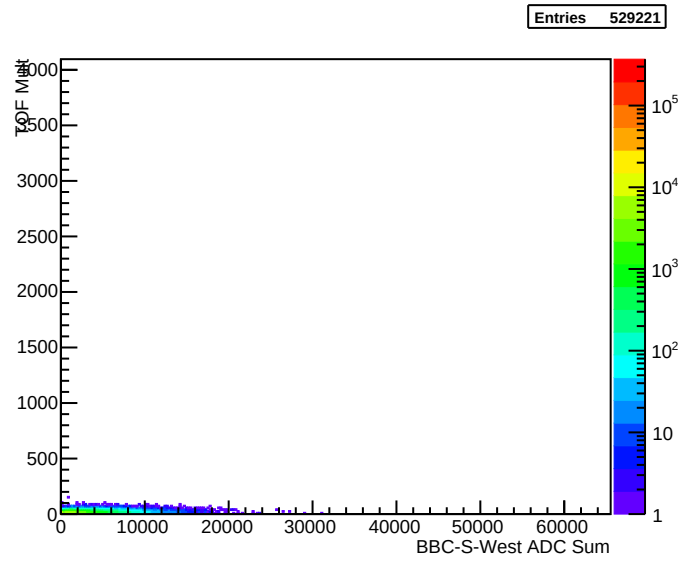
VT201 Input Ch4: VPD Adc Sum Th

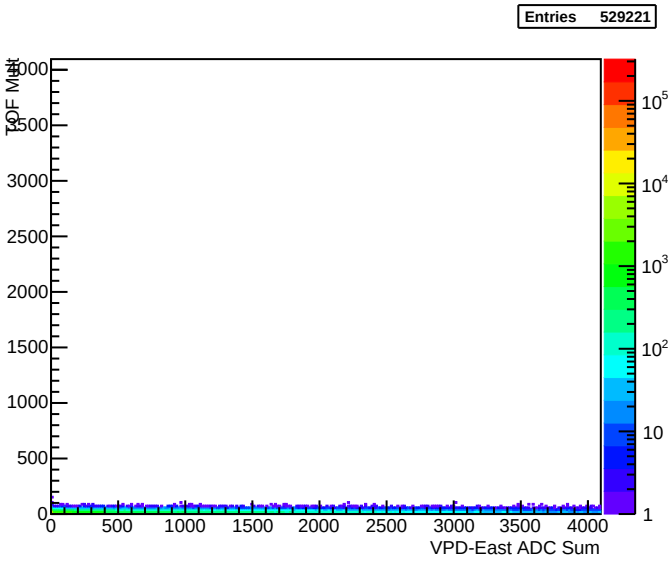


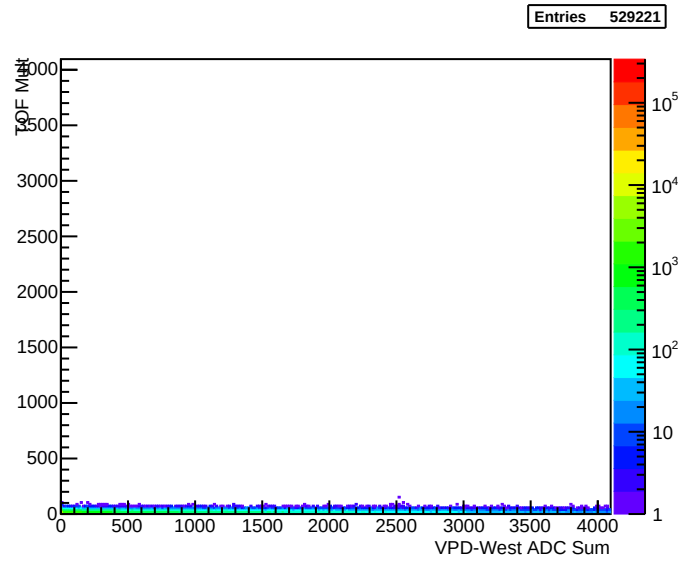
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

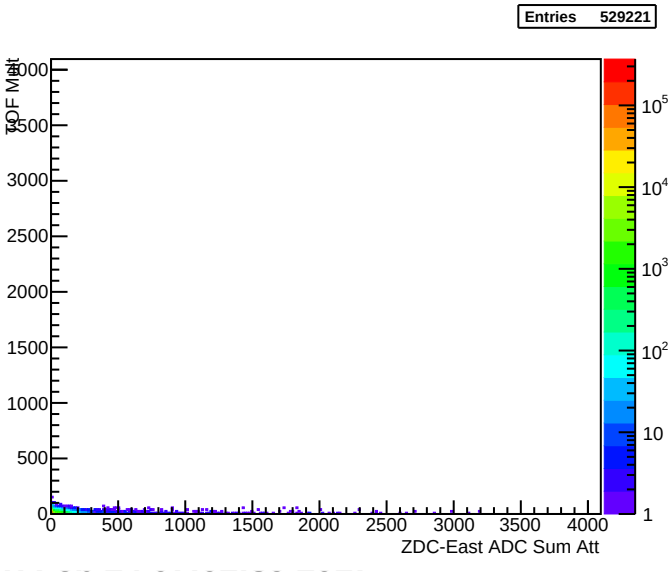


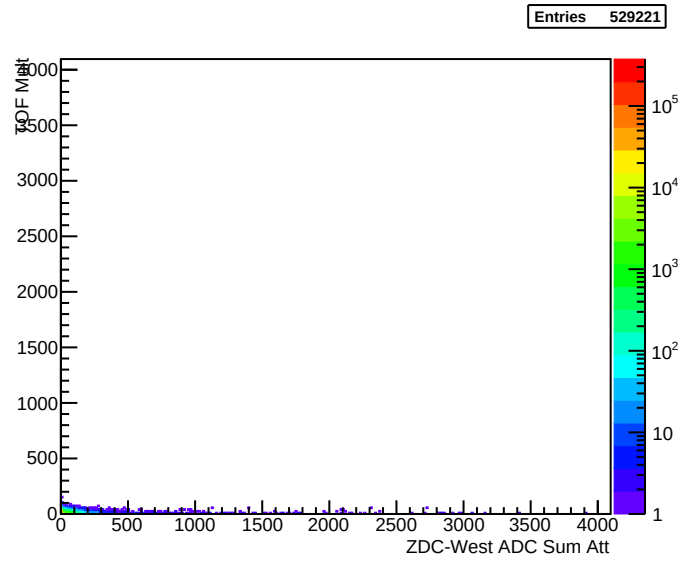

Entries 529221
TOF Mult
BBC-S-East ADC Sum

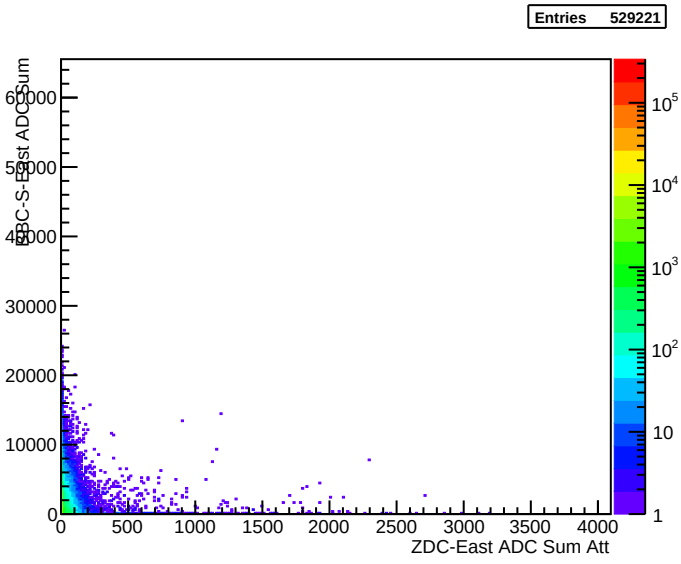

Entries 529221
TOF Mult
BBC-S-West ADC Sum

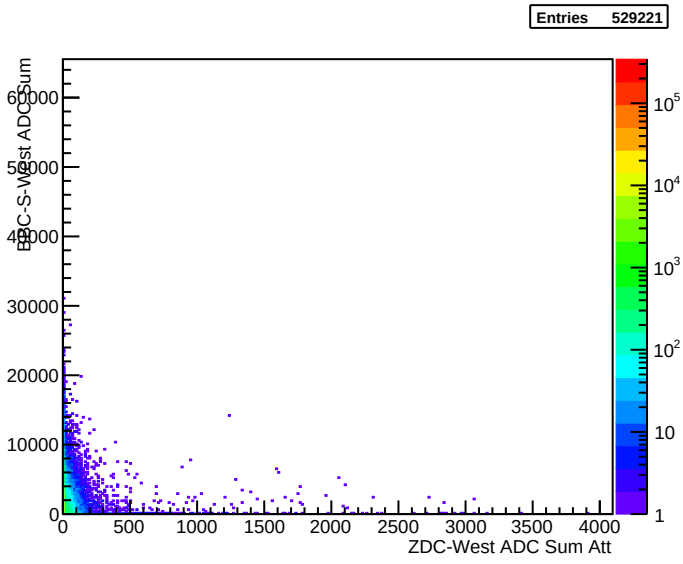

Entries 529221
TOF Mult
VPD-East ADC Sum

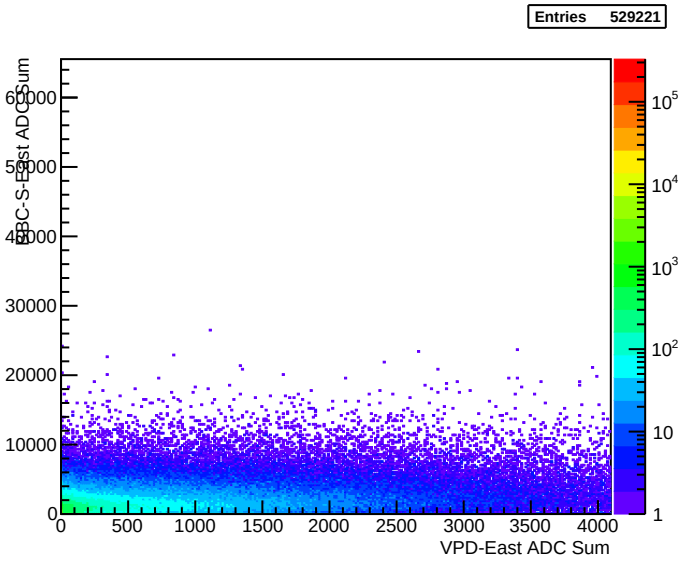

Entries 529221
TOF Mult
VPD-West ADC Sum

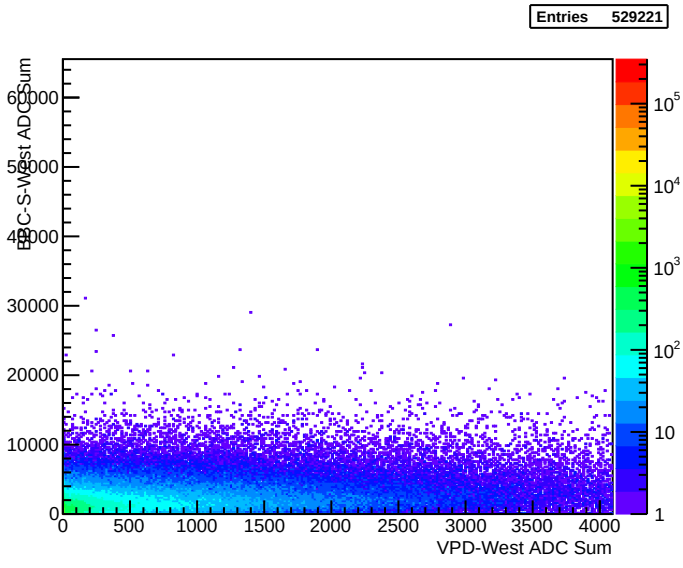

Entries 529221
TOF Mult
ZDC-East ADC Sum Att

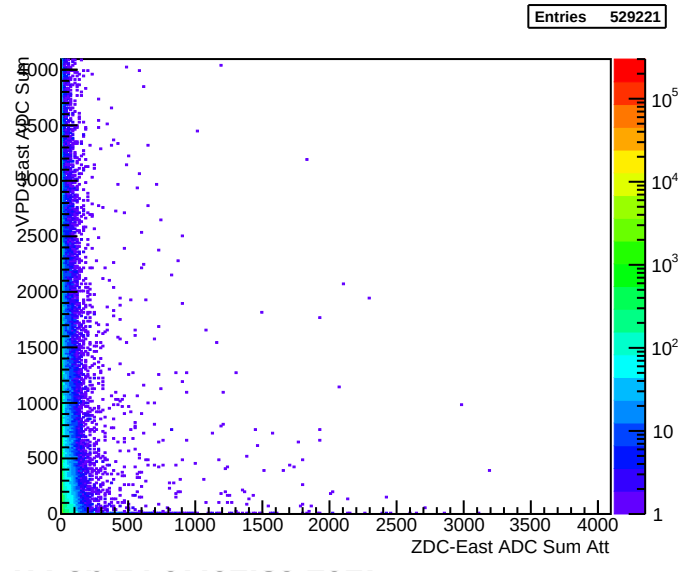

Entries 529221
TOF Mult
ZDC-West ADC Sum Att

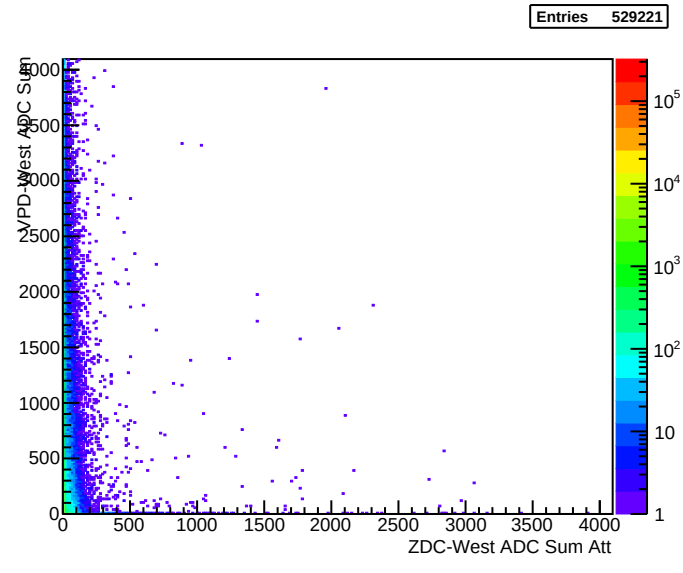

Entries 529221
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

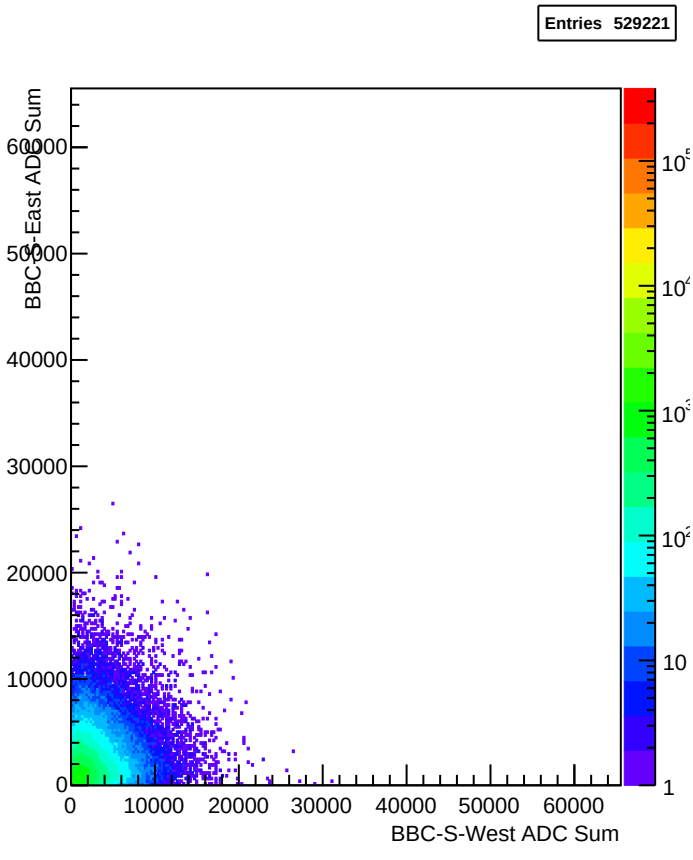

Entries 529221
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

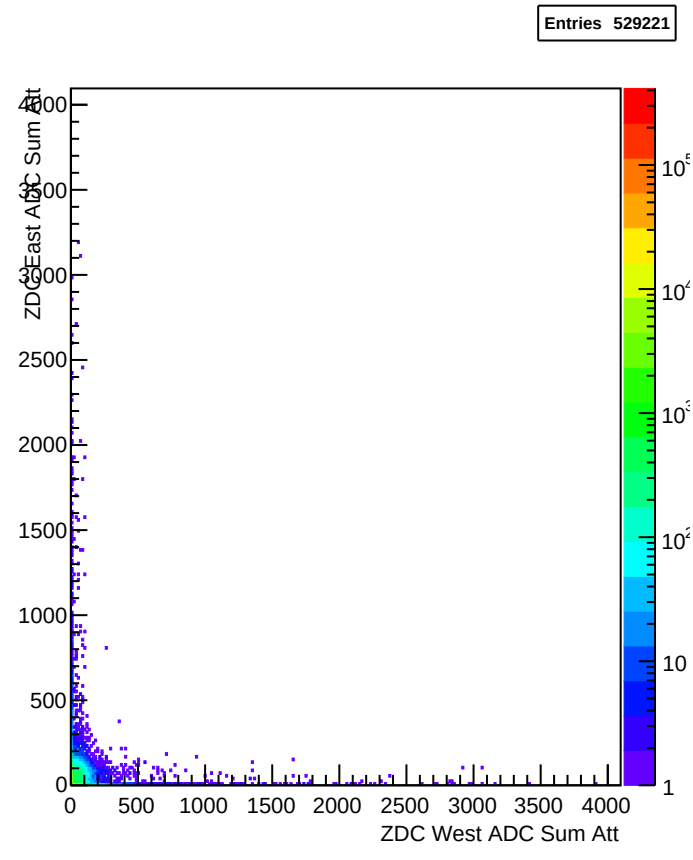

Entries 529221
BBC-S-East ADC Sum
VPD-East ADC Sum

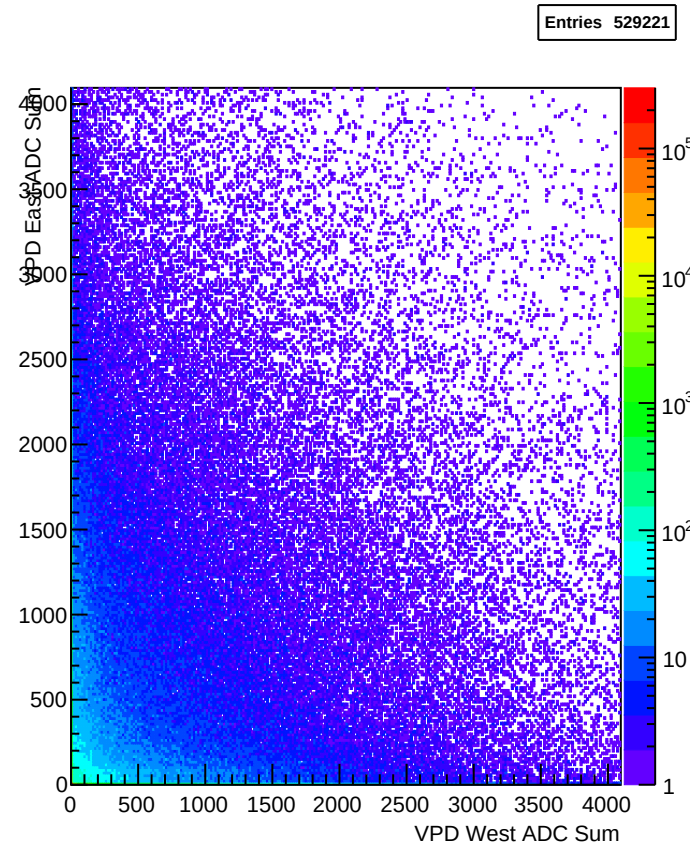

Entries 529221
BBC-S-West ADC Sum
VPD-West ADC Sum

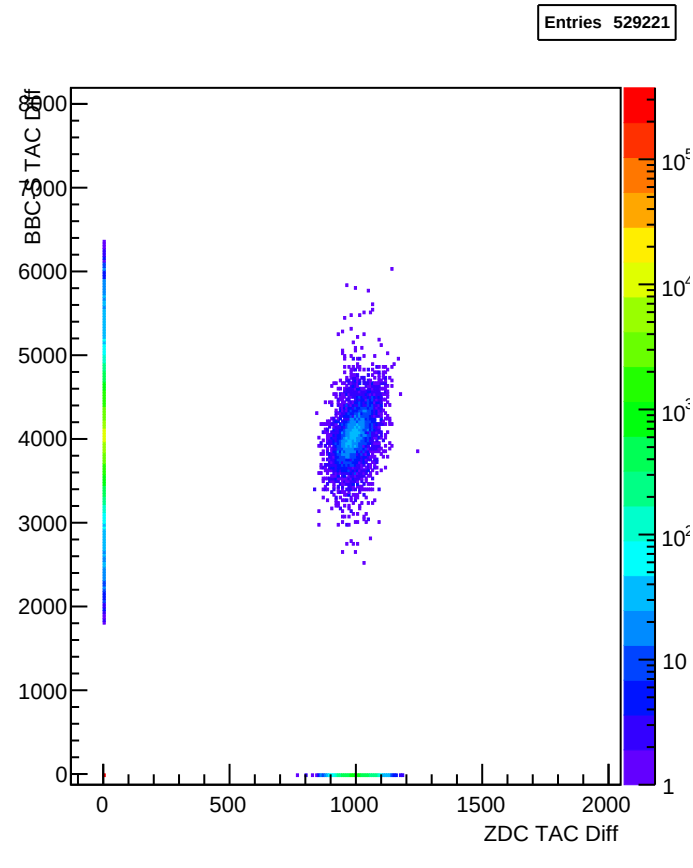

Entries 529221
VPD-East ADC Sum
ZDC-East ADC Sum Att

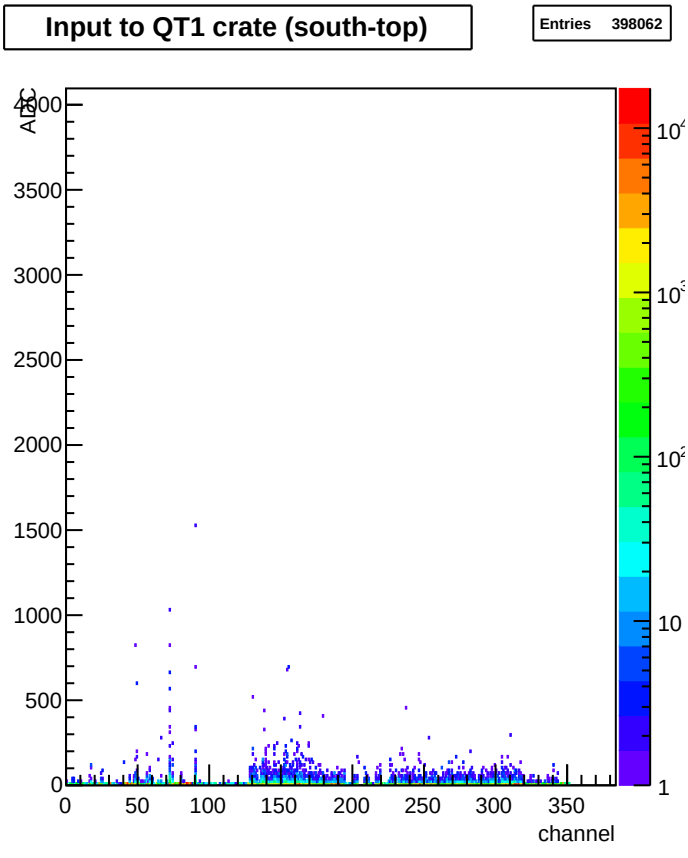

Entries 529221
VPD-West ADC Sum
ZDC-West ADC Sum Att

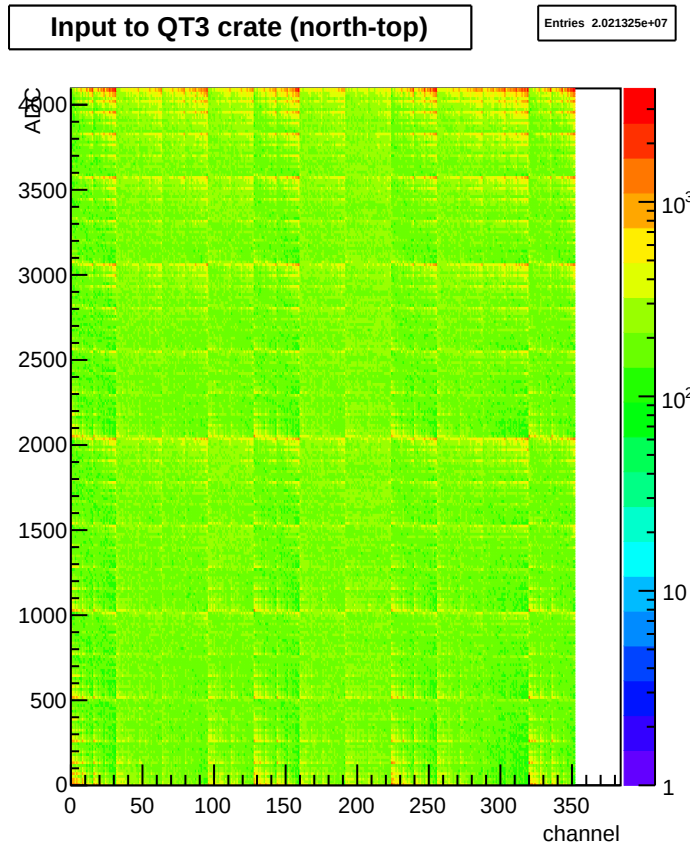

Entries 529221
BBC-S-East ADC Sum
BBC-S-West ADC Sum

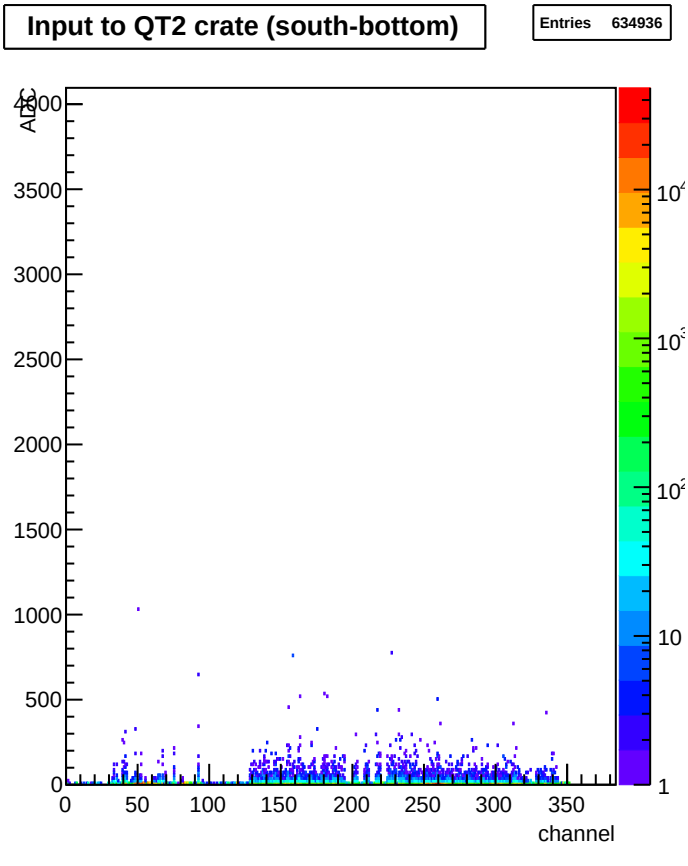

Entries 529221
ZDC East ADC Sum Att
ZDC West ADC Sum Att

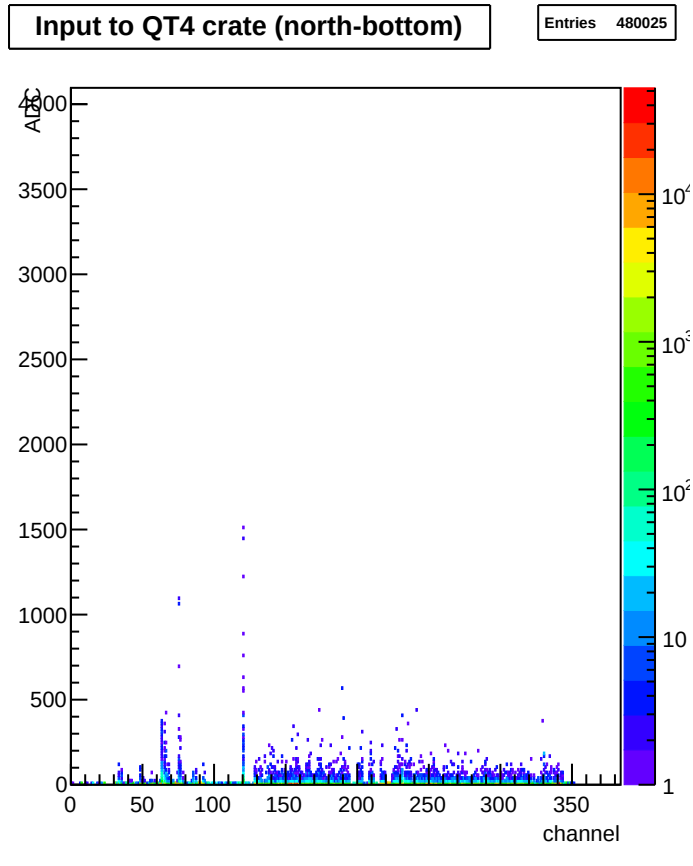

Entries 529221
VPD East ADC Sum
VPD West ADC Sum

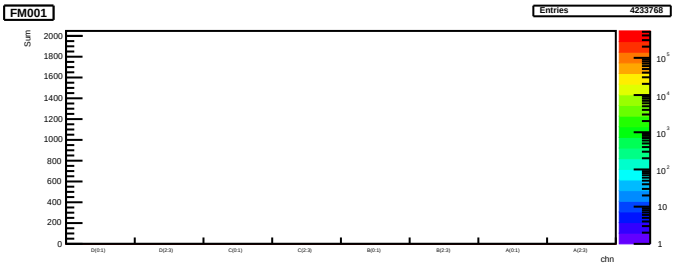

Entries 529221
BBC-S TAC Diff
ZDC TAC Diff

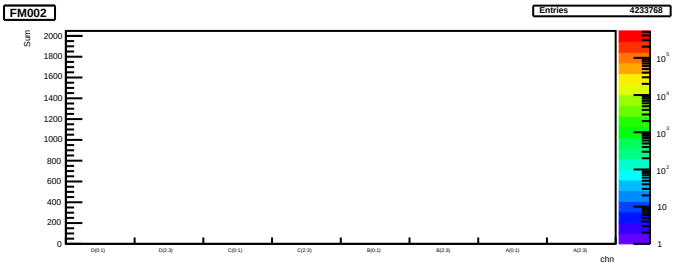

Input to QT1 crate (south-top)
Entries 398062
ADC
channel

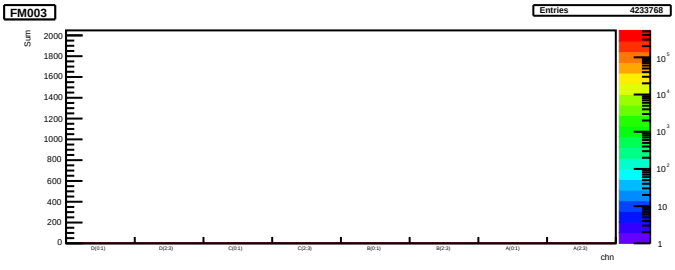

Input to QT3 crate (north-top)
Entries 2.021325e+07
ADC
channel

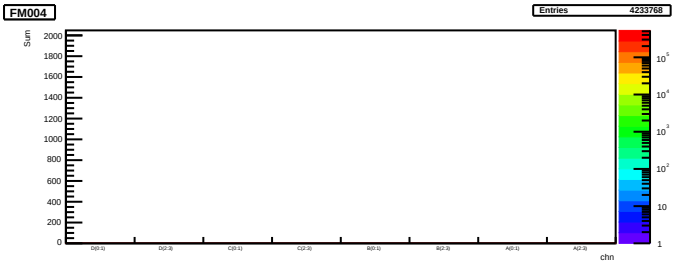

Input to QT2 crate (south-bottom)
Entries 634936
ADC
channel

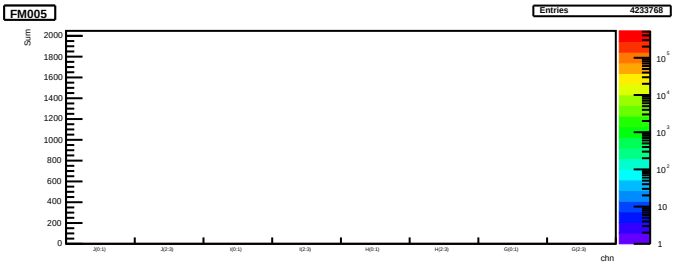

Input to QT4 crate (north-bottom)
Entries 480025
ADC
channel

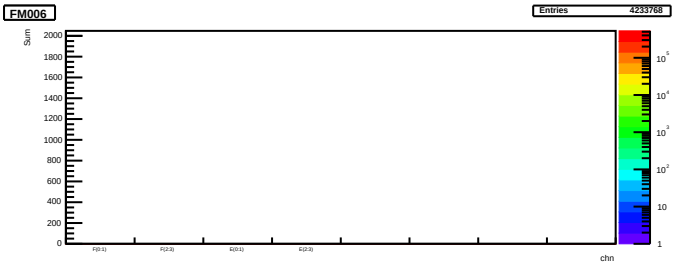

FM001
Entries 4233768
Sum
chn

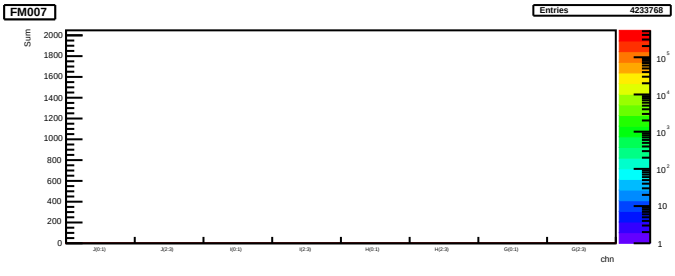

FM002
Entries 4233768
Sum
chn

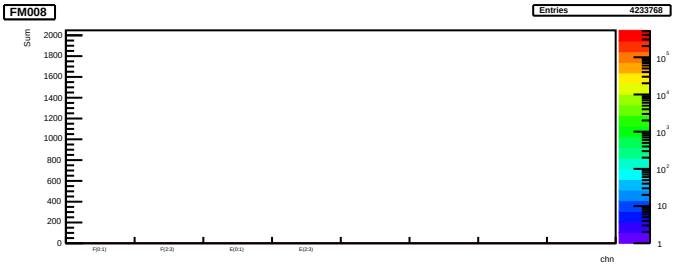

FM003
Entries 4233768
Sum
chn

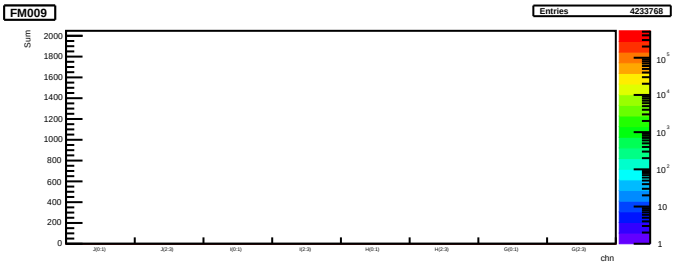

FM004
Entries 4233768
Sum
chn

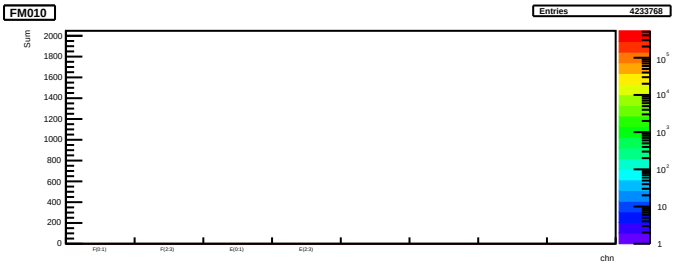

FM005
Entries 4233768
Sum
chn

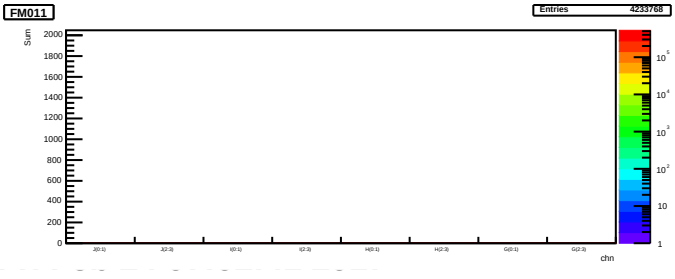

FM006
Entries 4233768
Sum
chn

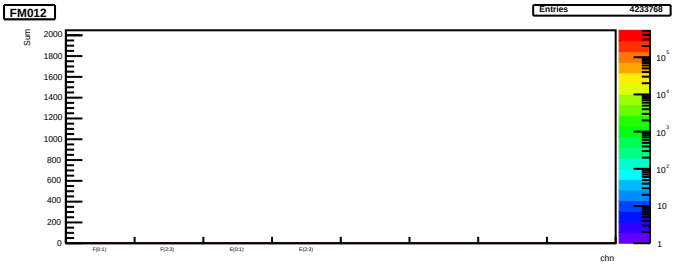

FM007
Entries 4233768
Sum
chn


FM008
Entries 4233768
Sum
chn


FM009
Entries 4233768
Sum
chn


FM010
Entries 4233768
Sum
chn


FM011
Entries 4233768
Sum
chn


FM012
Entries 4233768
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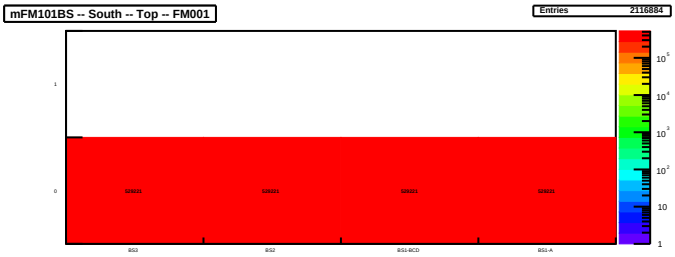
mFM101BS -- South -- Top -- FM001
Entries 2116884
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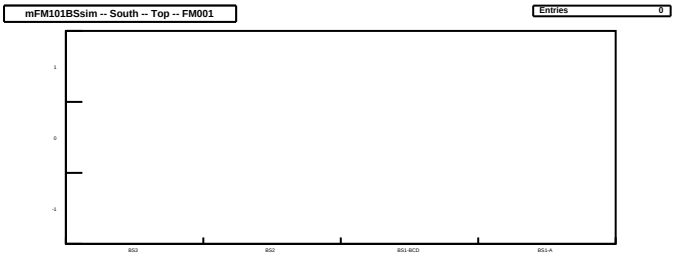
BS1-BCD
BS1-A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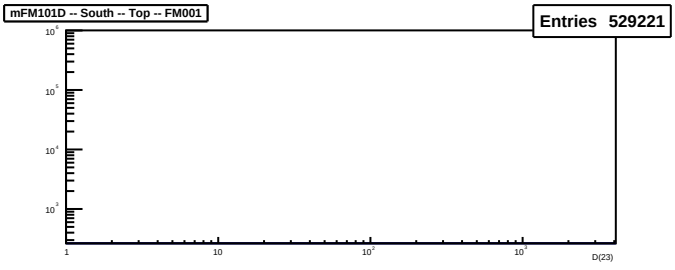
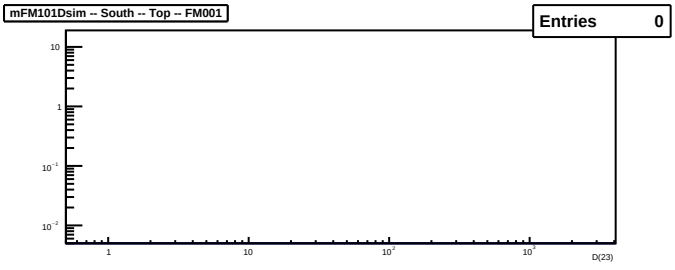
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Top -- FM001
Entries 529221
D(23)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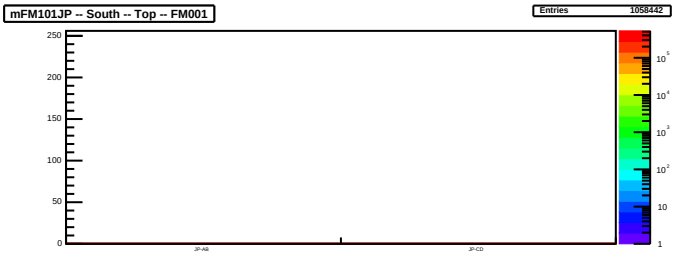
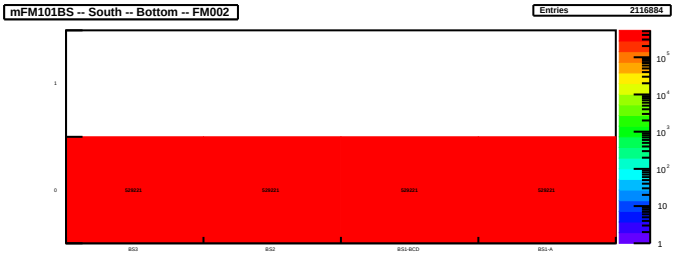
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 1058442
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 2116884
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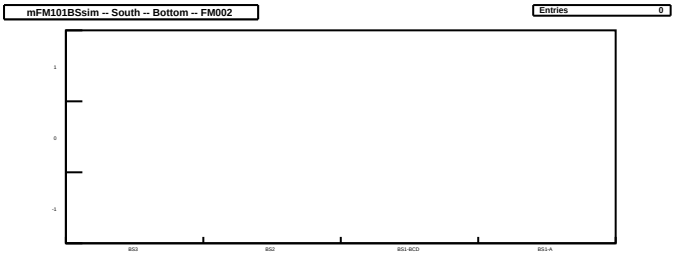
BS2
BS1-BCD
BS1-A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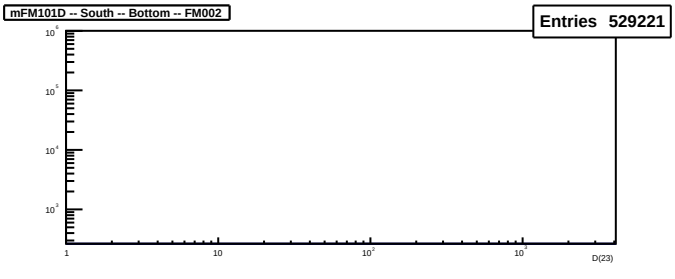
Entries 0
BS3
BS2
BS1-BCD
BS1-A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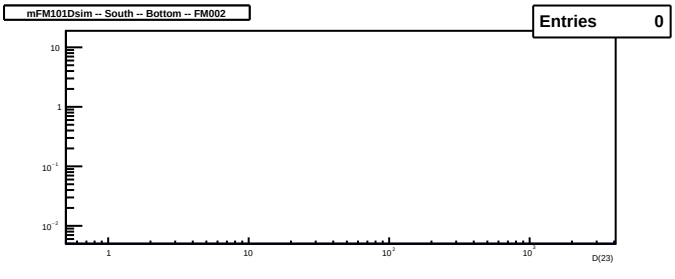
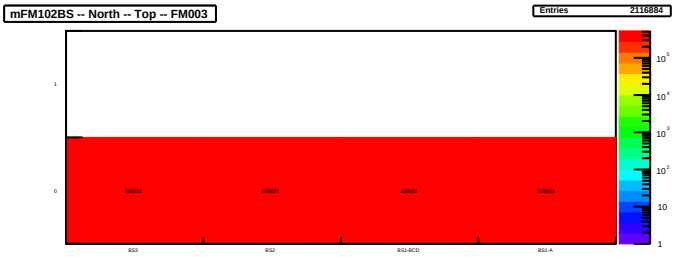
Entries 529221
D(23)


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

mFM101JP -- South -- Bottom -- FM002
Entries 1058442
JP-AB
JP-CD

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


mFM102BS -- North -- Top -- FM003
Entries 2116884
529221
529221
529221
529221
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
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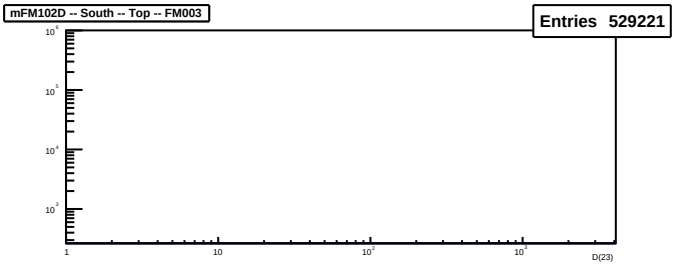
BS2
BS1-BCD
BS1-A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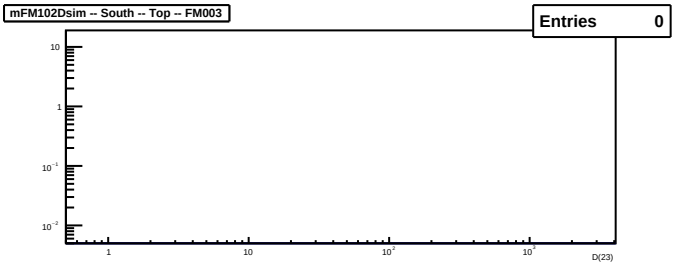
Entries 529221
D(23)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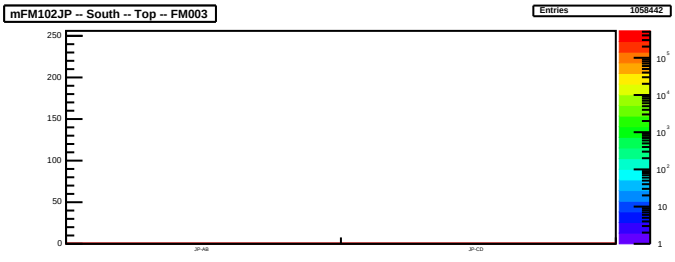
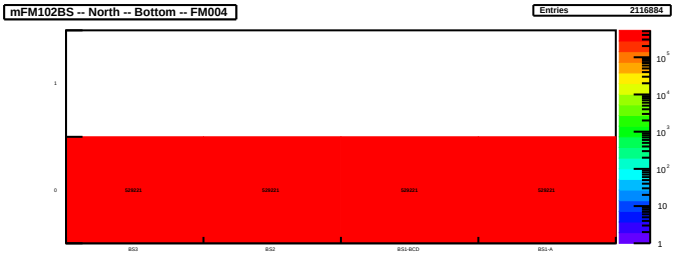
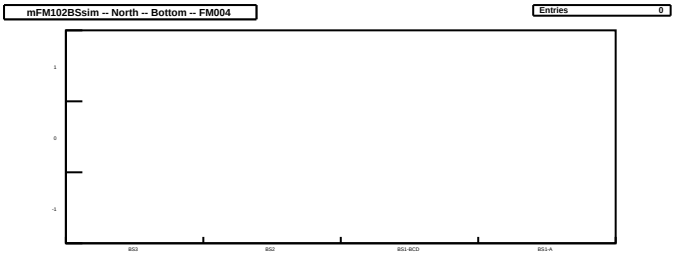
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 1058442
JP-AB
JP-CD

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


mFM102BS -- North -- Bottom -- FM004
Entries 2116884
529221
529221
529221
529221
BS3
BS2
BS1-BCD
BS1-A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Entries 0
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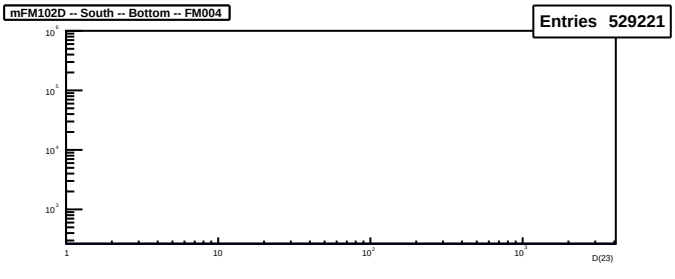
BS2
BS1-BCD
BS1-A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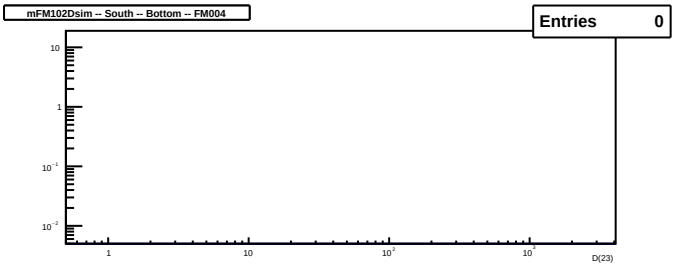
Entries 529221
D(23)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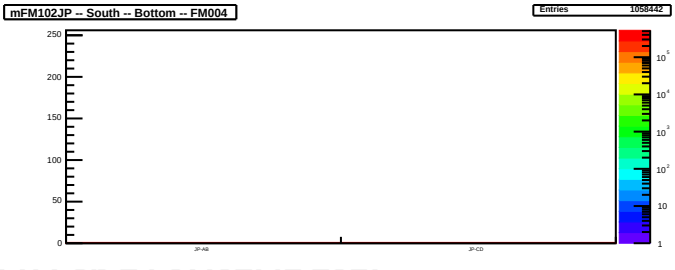
Entries 0
D(23)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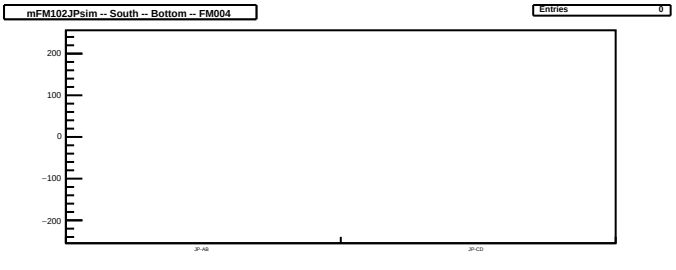
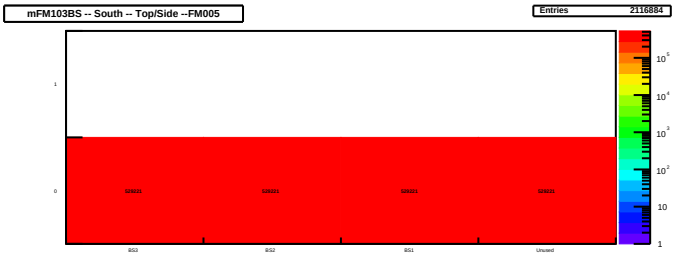
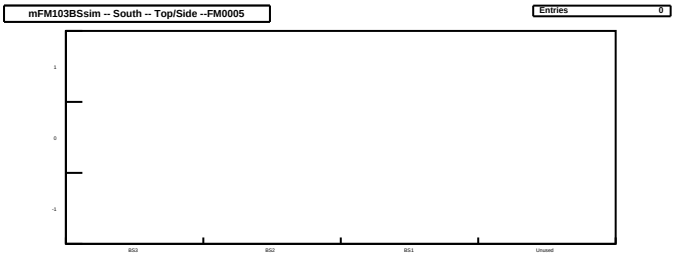
Entries 1058442
JP-AB
JP-CD


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


mFM103BS -- South -- Top/Side --FM005
Entries 2116884
BS3
BS2
BS1
Unused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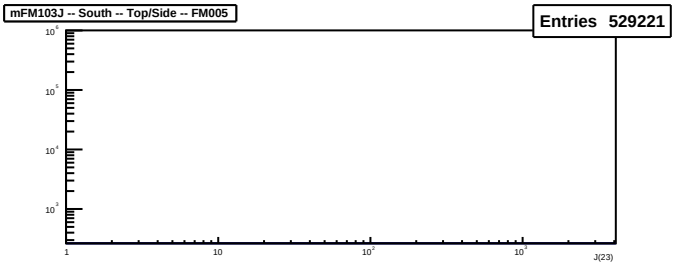
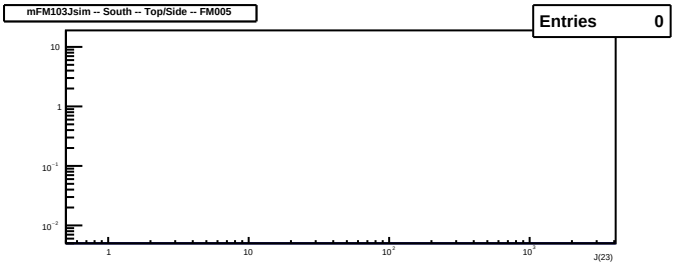
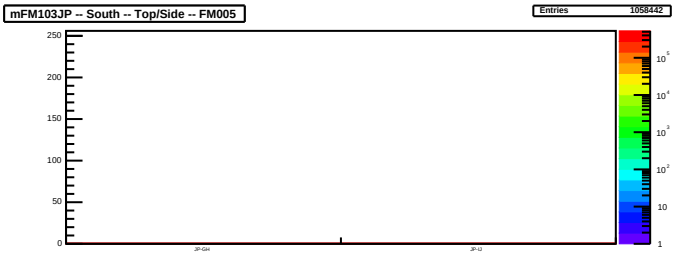
Entries 0
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 529221
J(23)


mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)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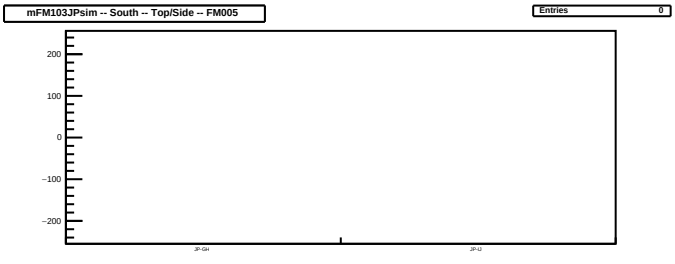
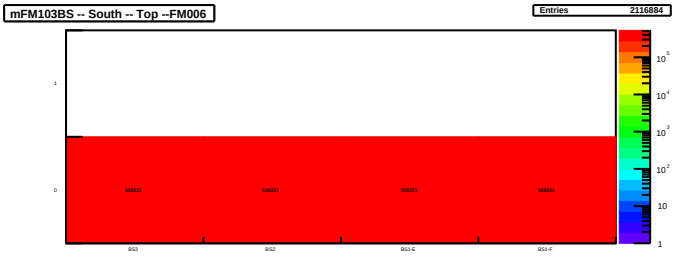
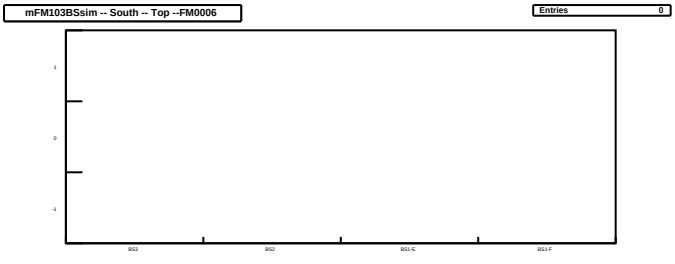
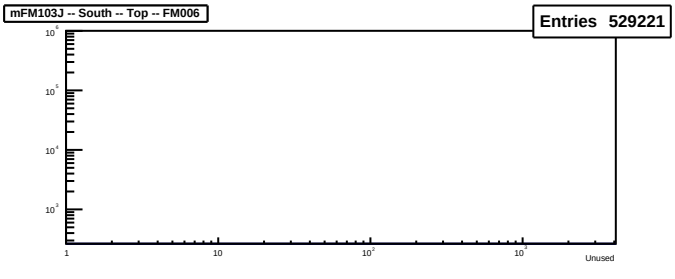
Entries 1058442
JP-GH
JP-IJ


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


mFM103BS -- South -- Top --FM006
Entries 2116884
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F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Entries 529221
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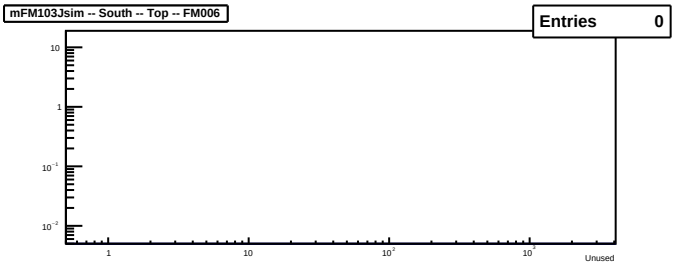
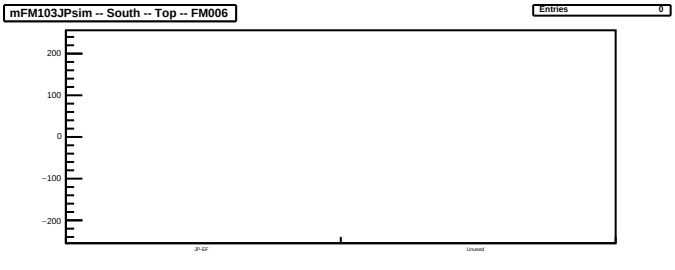

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

mFM103JP -- South -- Top -- FM006
Entries 1058442
JP-EF
Unused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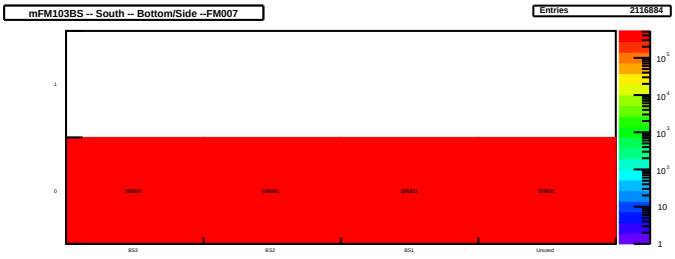
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 2116884
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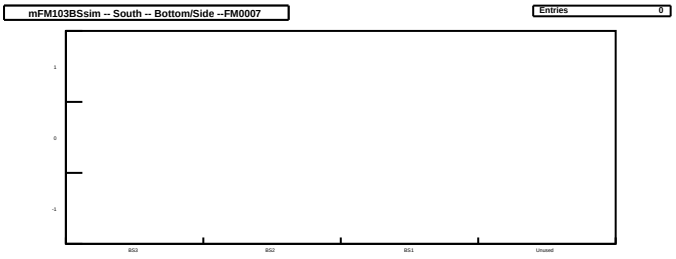
529221
529221
BS3
BS2
BS1
Unused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Entries 0
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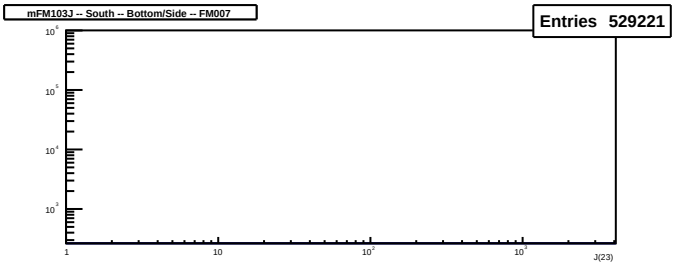
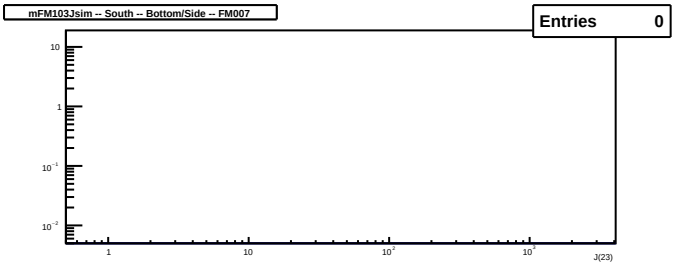

mFM103J -- South -- Bottom/Side -- FM007
Entries 529221
J(23)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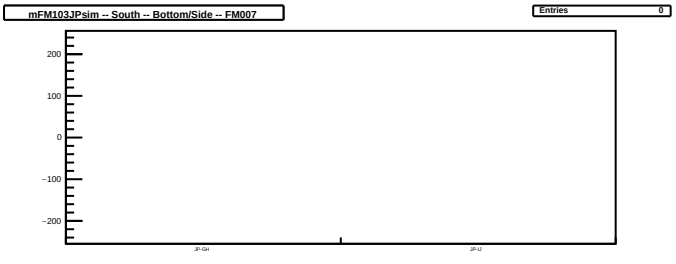
Entries 0
J(23)

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1058442
JP-GH
JP-U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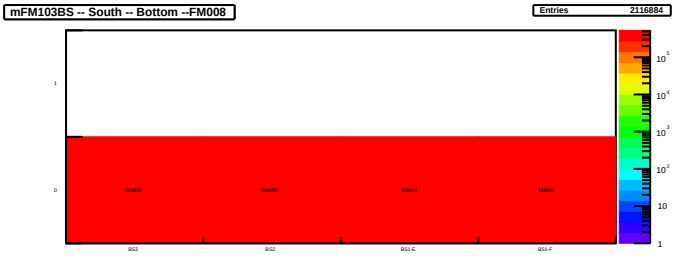
Entries 0
JP-GH
JP-U


mFM103BS -- South -- Bottom --FM008
Entries 2116884
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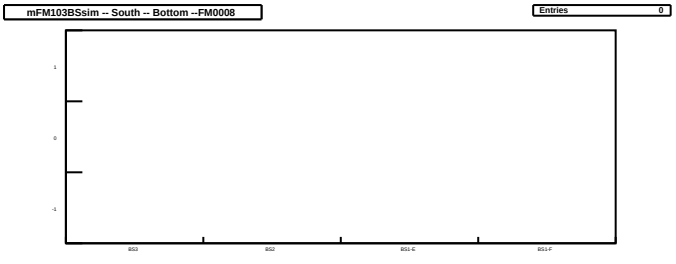
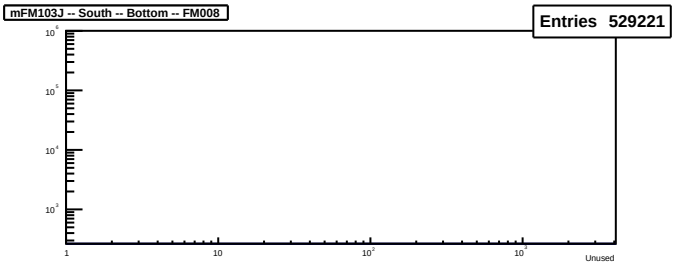
529221
529221
529221
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F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Entries 529221
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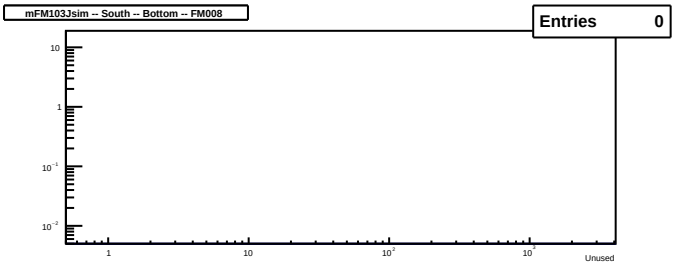
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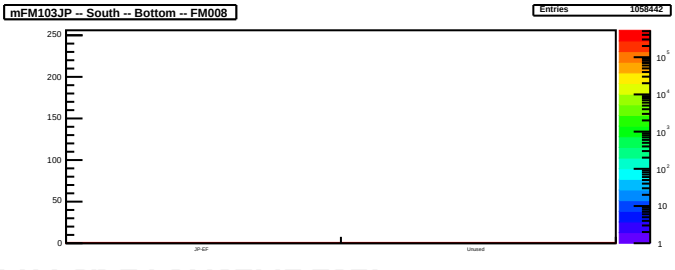
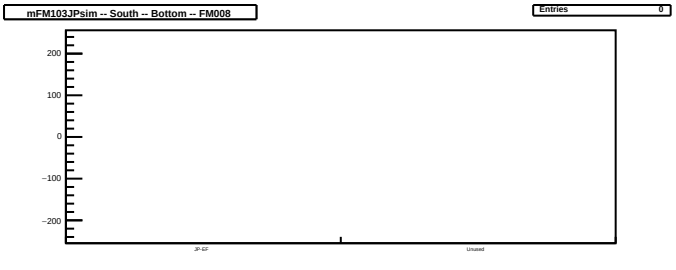
Entries 0
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 1058442
JP-EF
Unused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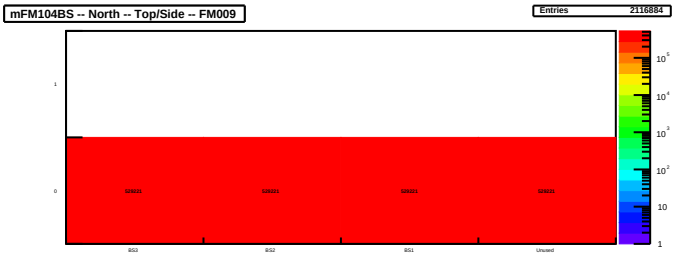
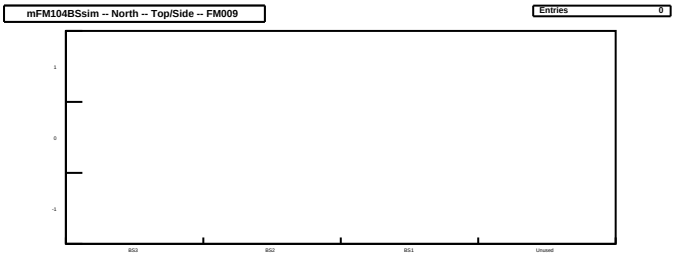
Entries 0
JP-EF
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 2116884
BS3
BS2
BS1
Unused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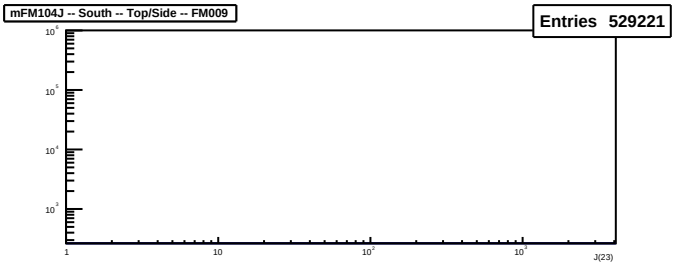
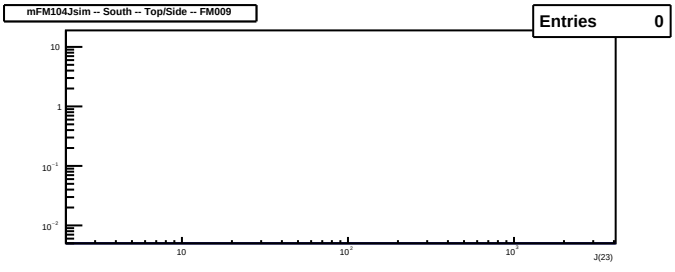
Entries 0
BS3
BS2
BS1
Unused


mFM104J -- South -- Top/Side -- FM009
Entries 529221
J(23)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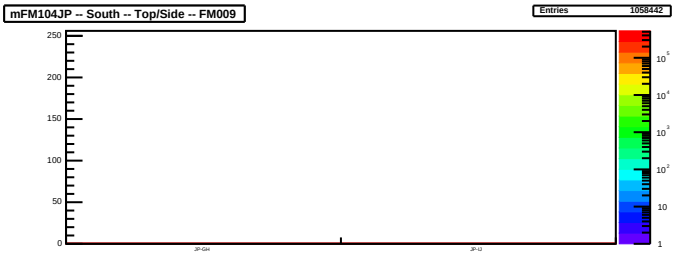
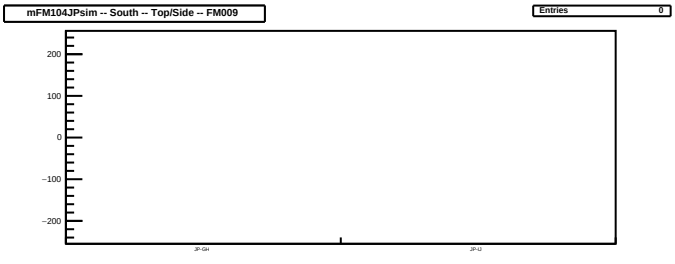
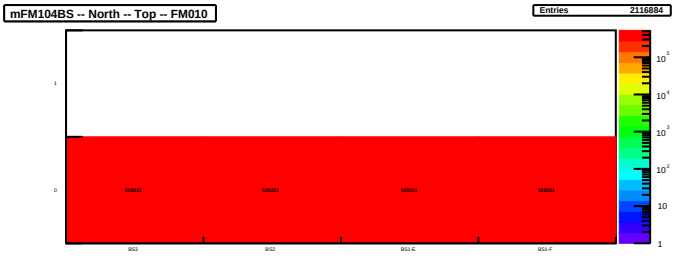
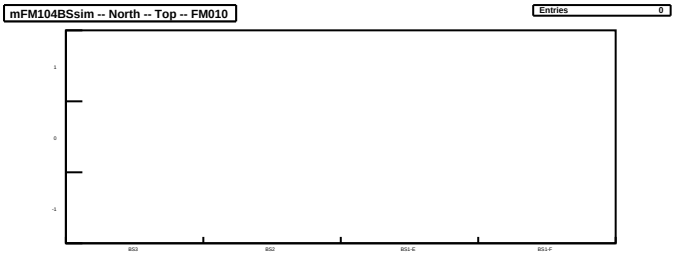
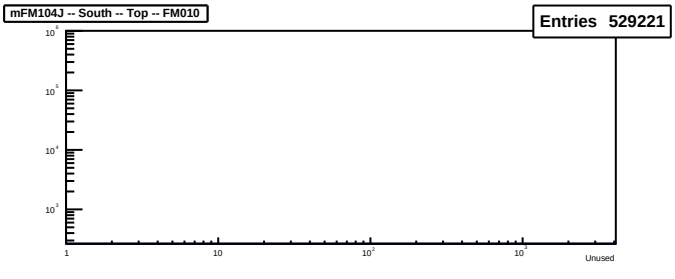
Entries 0
J(23)

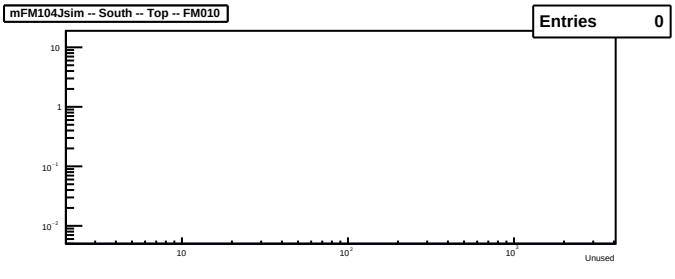

mFM104JP -- South -- Top/Side -- FM009
Entries 1058442
JP-GH
JP-IJ


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

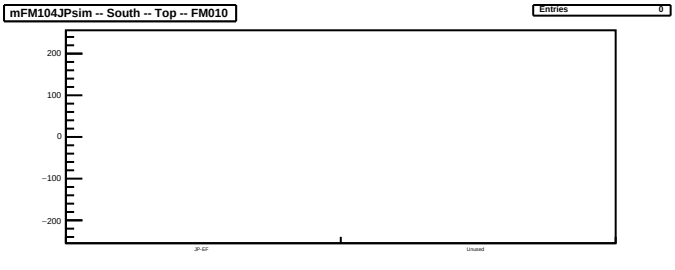

mFM104BS -- North -- Top -- FM010
Entries 2116884
BS3
BS2
BS1-E
BS1-F

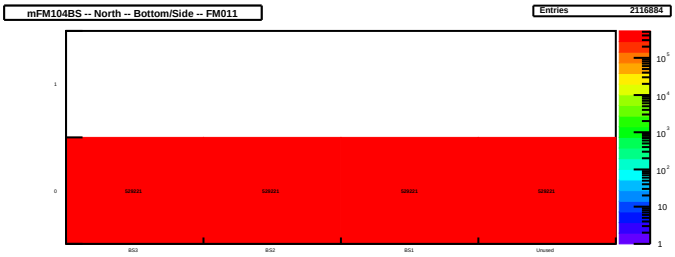

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

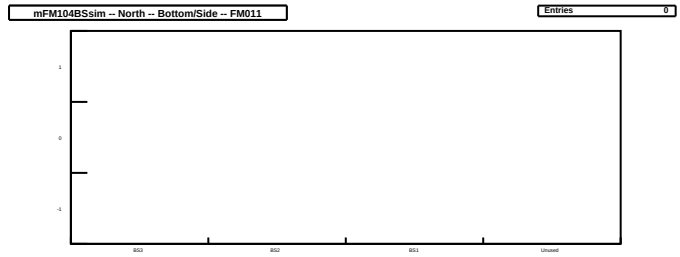

mFM104J -- South -- Top -- FM010
Entries 529221
Unused

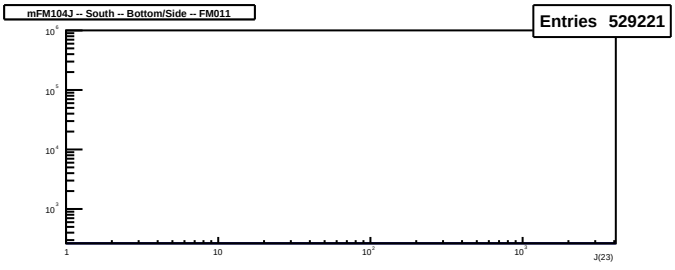

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

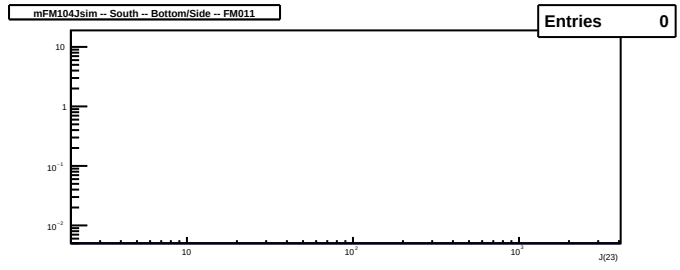
mFM104JP -- South -- Top -- FM010
Entries 1058442
JP-EF
Unused

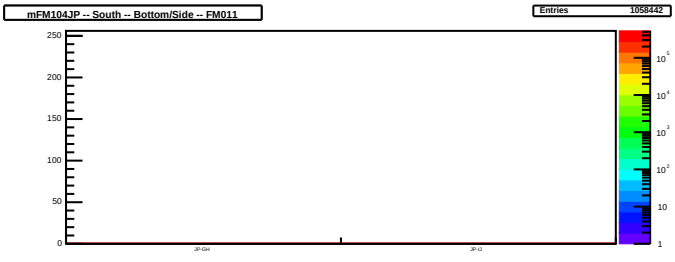

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

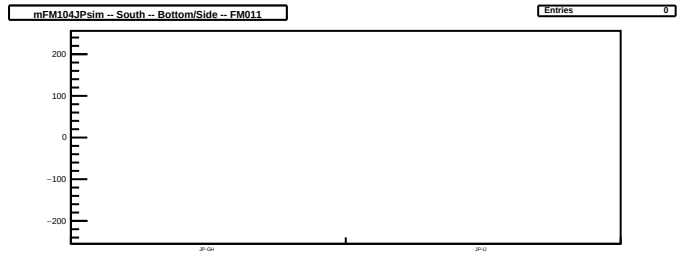

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2116884
BS3
BS2
BS1
Unused

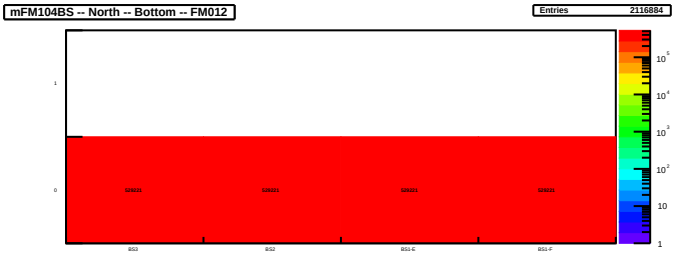

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

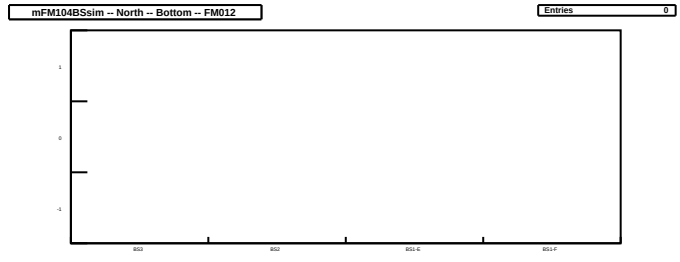

mFM104J -- South -- Bottom/Side -- FM011
Entries 529221
J(23)

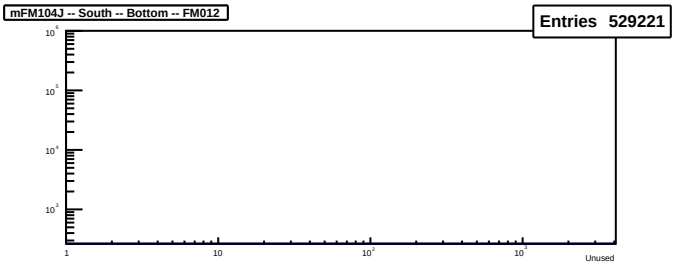

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

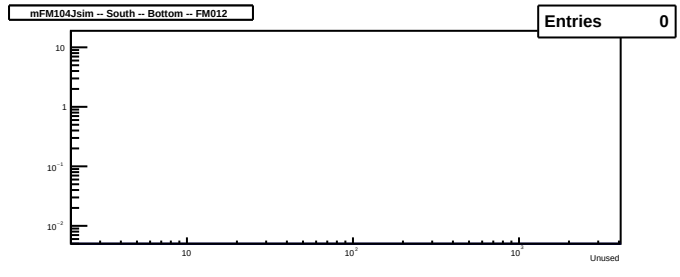

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1058442
JP-GH
JP-U


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

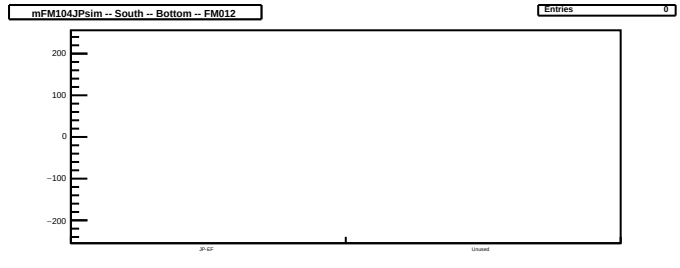

mFM104BS -- North -- Bottom -- FM012
Entries 2116884
BS3
BS2
BS1-E
BS1-F

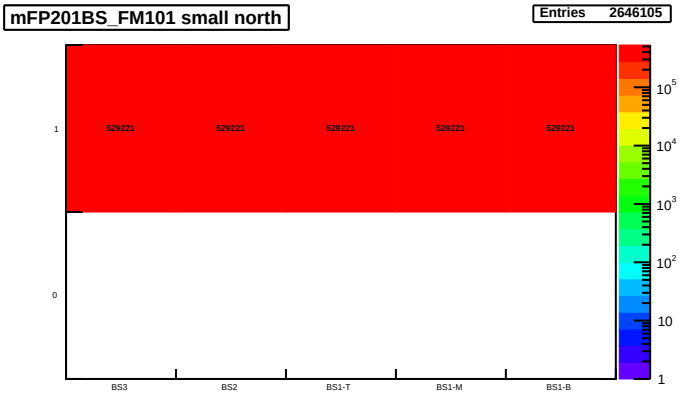

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

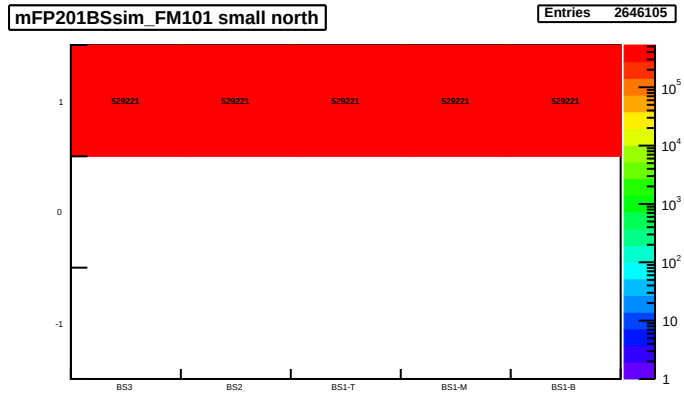

mFM104J -- South -- Bottom -- FM012
Entries 529221
Unused

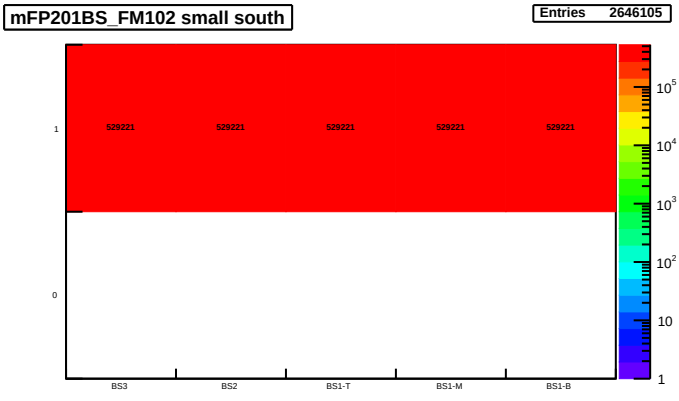

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

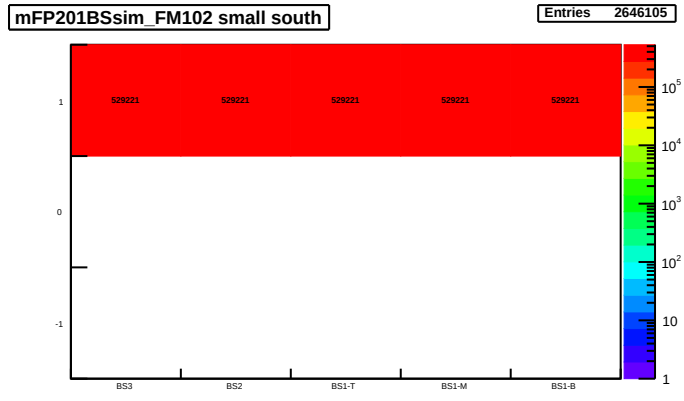
mFM104JP -- South -- Bottom -- FM012
Entries 1058442
JP-EF
Unused

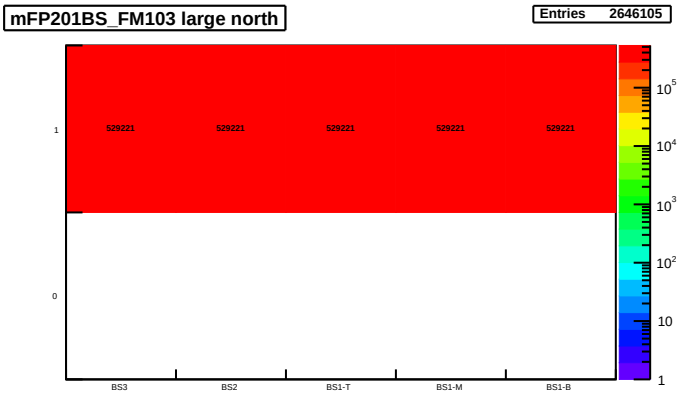

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

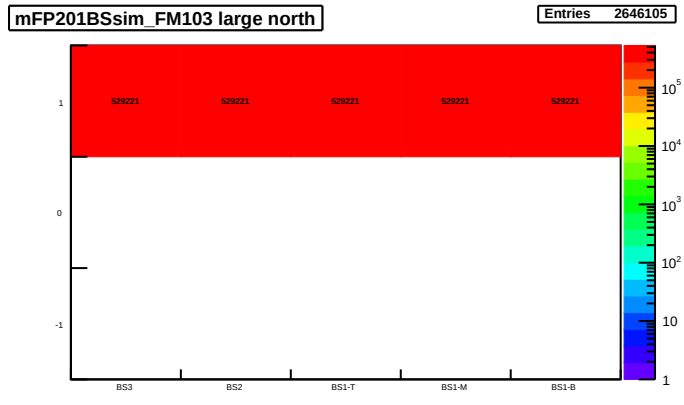

mFP201BS_FM101 small north
Entries 2646105
529221
BS3
BS2
BS1-T
BS1-M
BS1-B

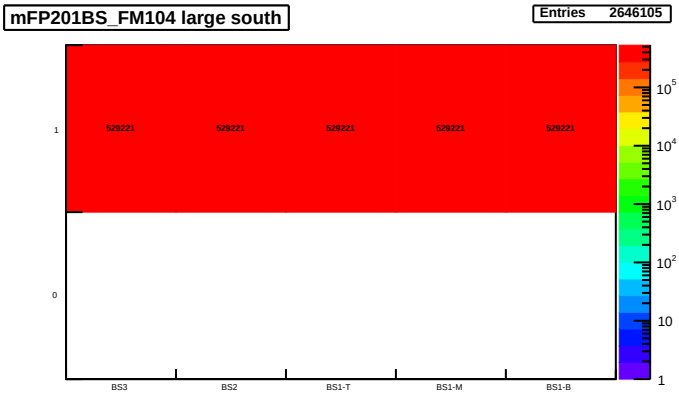

mFP201BSsim_FM101 small north
Entries 2646105
529221
BS3
BS2
BS1-T
BS1-M
BS1-B

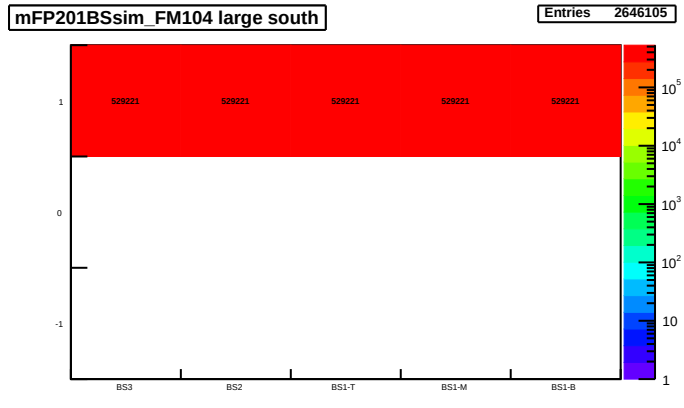

mFP201BS_FM102 small south
Entries 2646105
529221
BS3
BS2
BS1-T
BS1-M
BS1-B

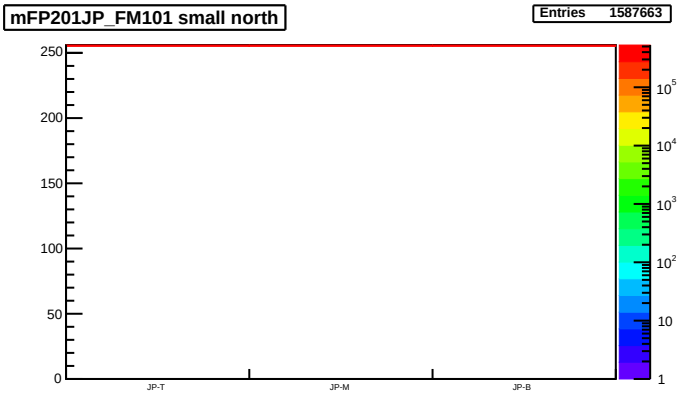

mFP201BSsim_FM102 small south
Entries 2646105
529221
BS3
BS2
BS1-T
BS1-M
BS1-B

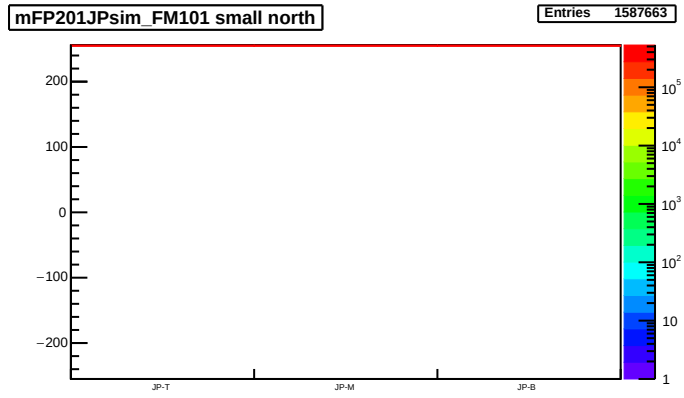

mFP201BS_FM103 large north
Entries 2646105
529221
BS3
BS2
BS1-T
BS1-M
BS1-B

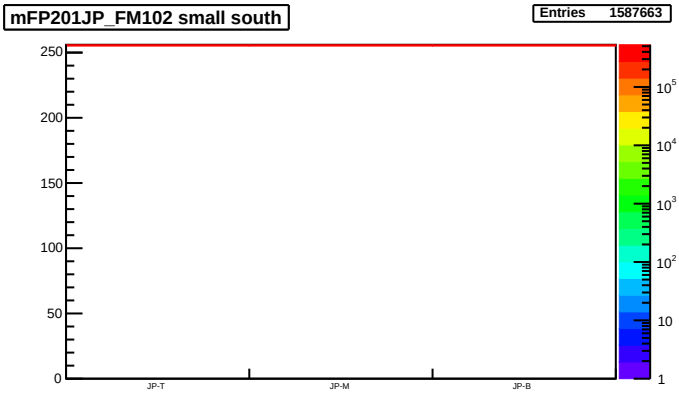

mFP201BSsim_FM103 large north
Entries 2646105
529221
BS3
BS2
BS1-T
BS1-M
BS1-B

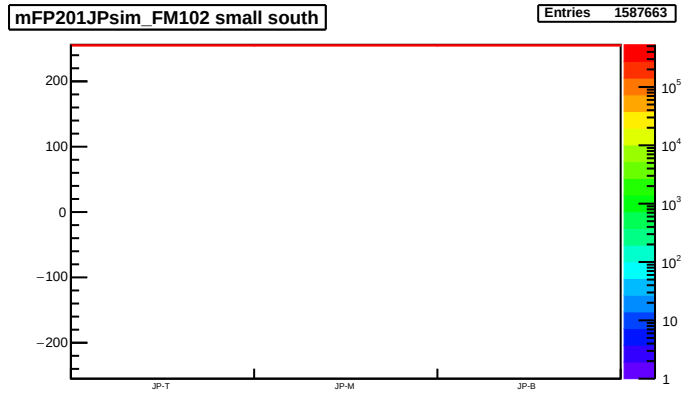

mFP201BS_FM104 large south
Entries 2646105
529221
BS3
BS2
BS1-T
BS1-M
BS1-B

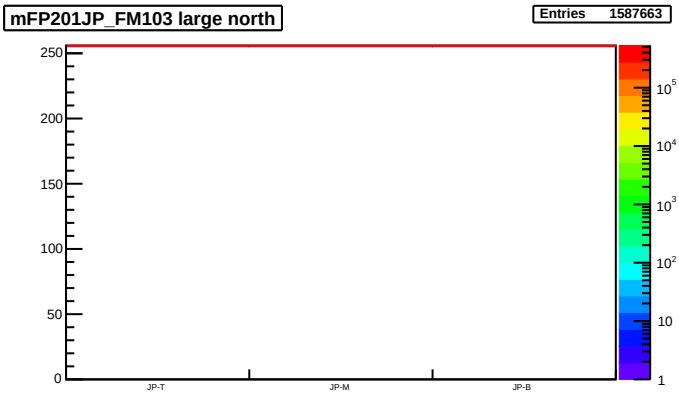

mFP201BSsim_FM104 large south
Entries 2646105
529221
BS3
BS2
BS1-T
BS1-M
BS1-B

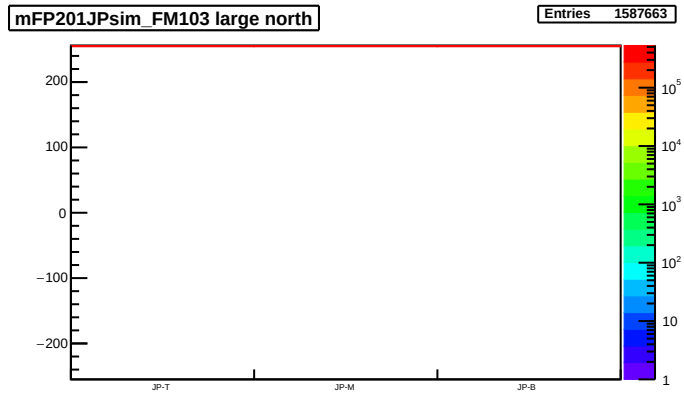

mFP201JP_FM101 small north
Entries 1587663
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

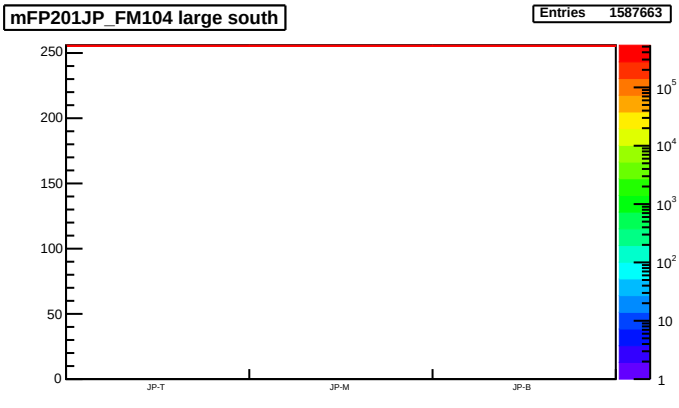

mFP201JPsim_FM101 small north
Entries 1587663
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1


mFP201JP_FM102 small south
Entries 1587663
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 1587663
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 1587663
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 1587663
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 1587663
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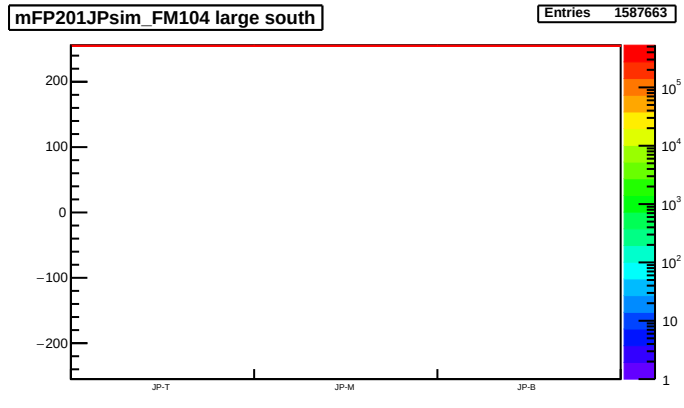
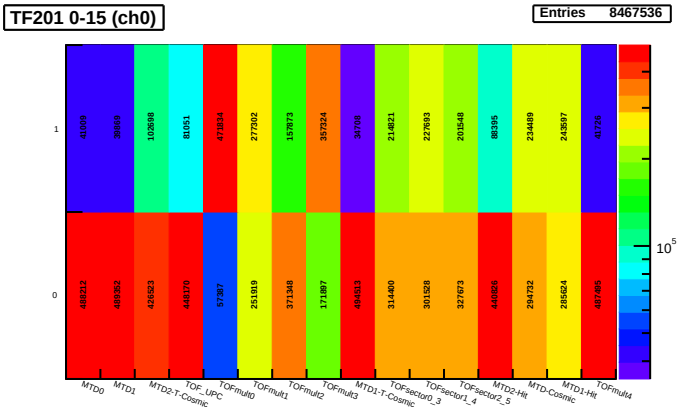
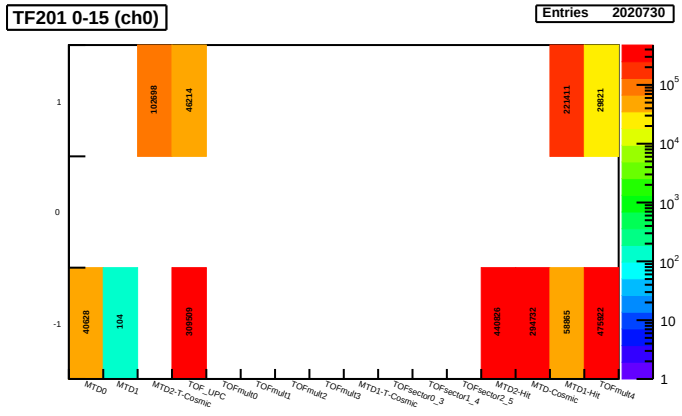
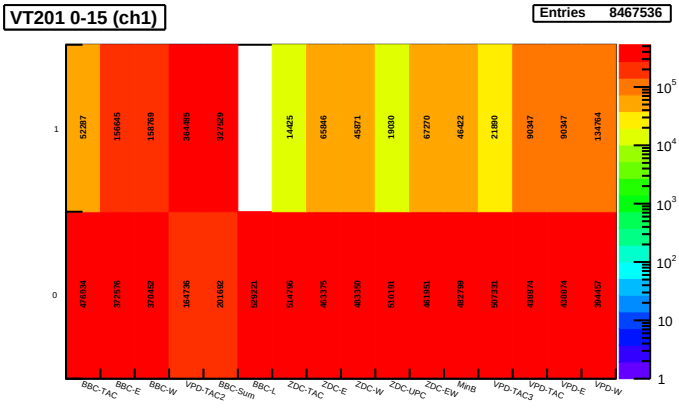
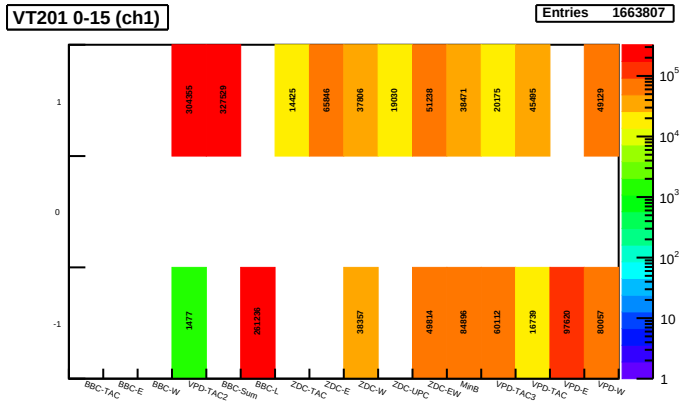
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

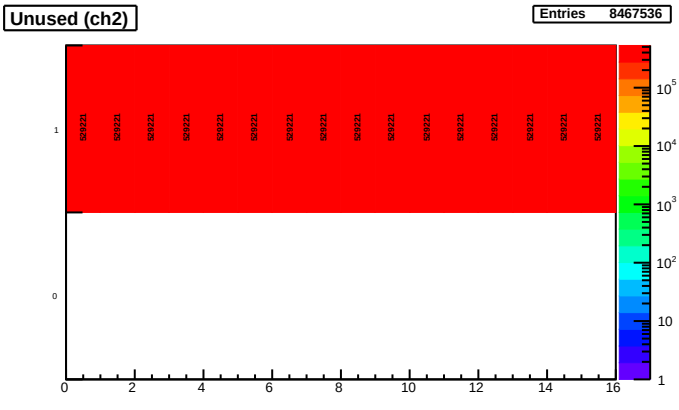

mFP201JPsim_FM104 large south
Entries 1587663
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

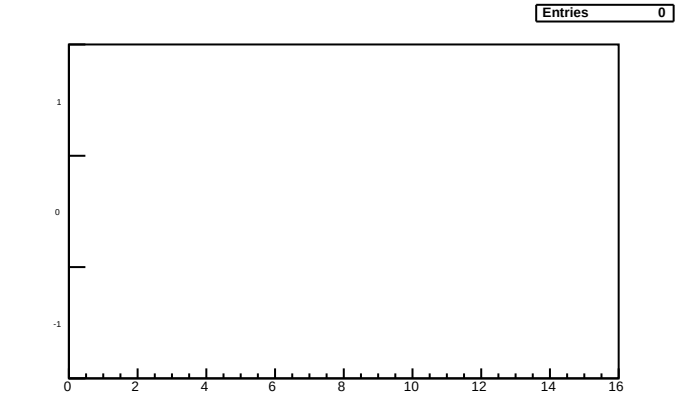

TF201 0-15 (ch0)
Entries 8467536
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

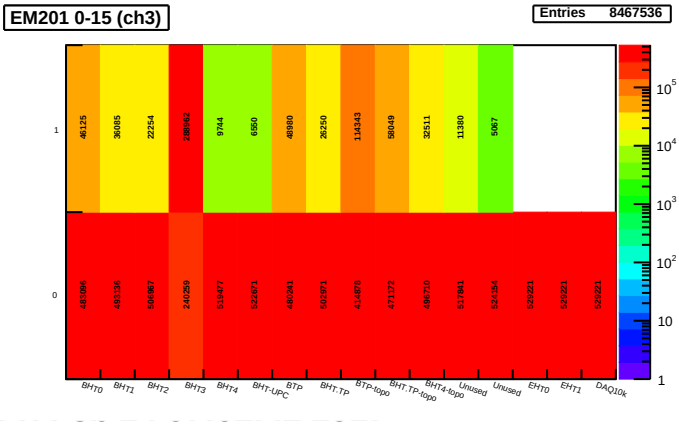

TF201 0-15 (ch0)
Entries 2020730
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

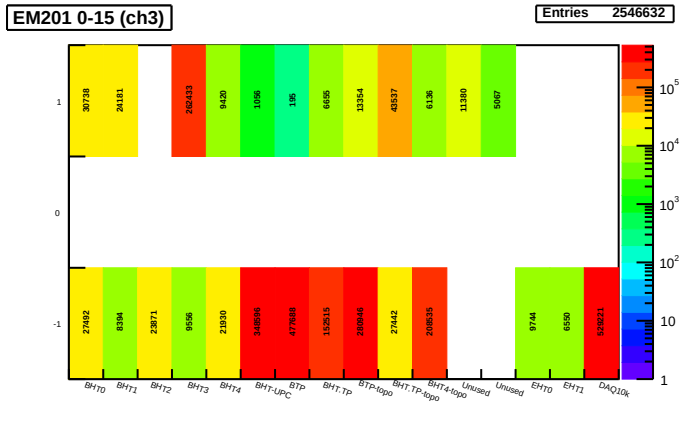

VT201 0-15 (ch1)
Entries 8467536
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W


VT201 0-15 (ch1)
Entries 1663807
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

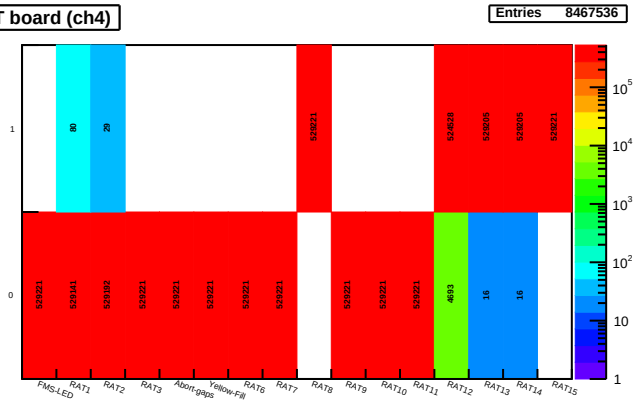

Unused (ch2)
Entries 8467536

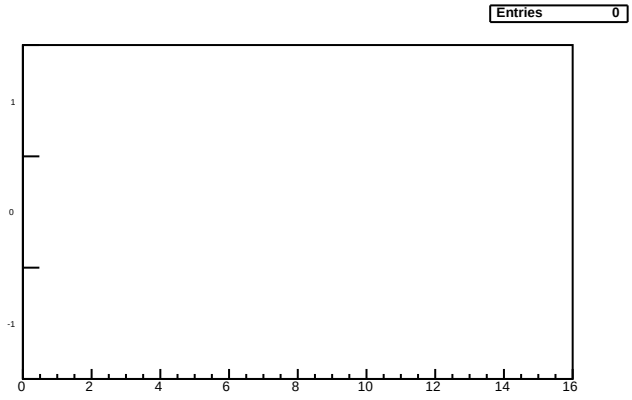

Entries 0


EM201 0-15 (ch3)
Entries 8467536
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

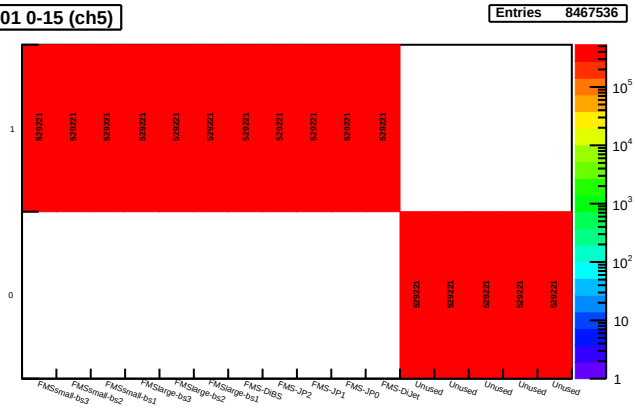

EM201 0-15 (ch3)
Entries 2546632
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

RAT board (ch4)

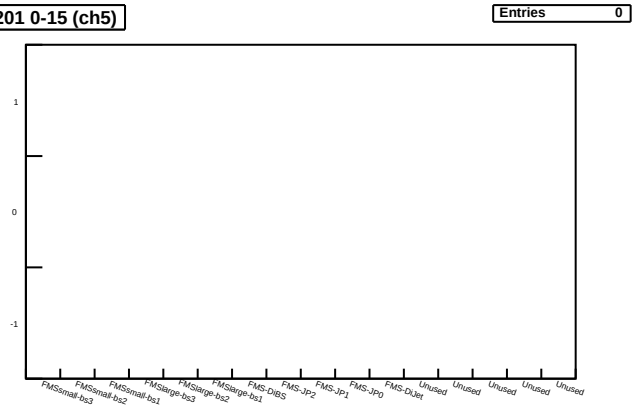




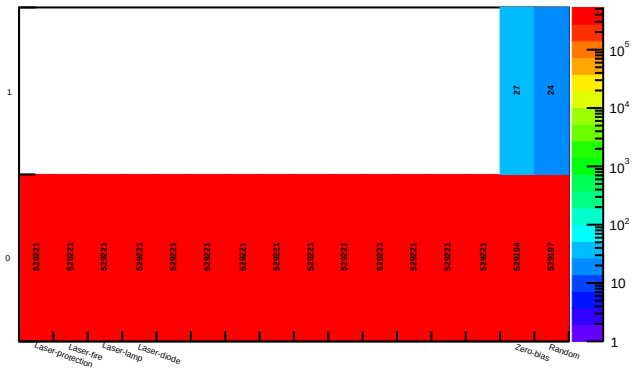
FP201 0-15 (ch5)

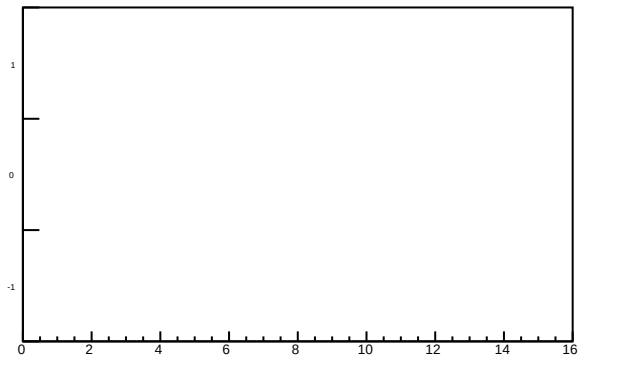
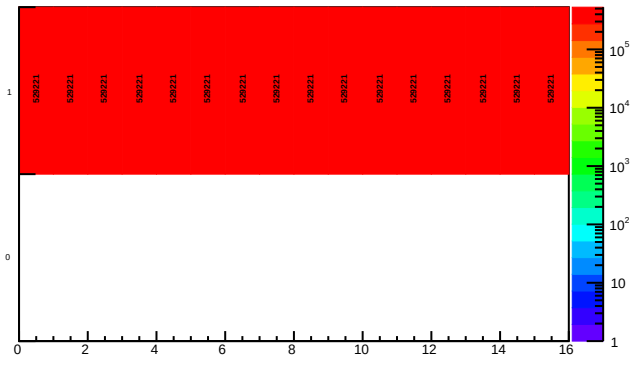
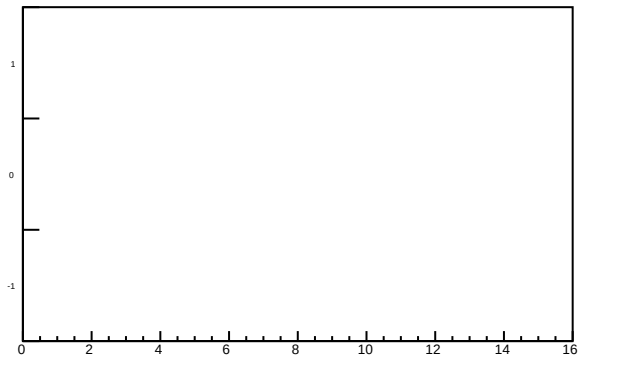


FP201 0-15 (ch5)



ST201 0-15 (ch6)





Unused (ch7)