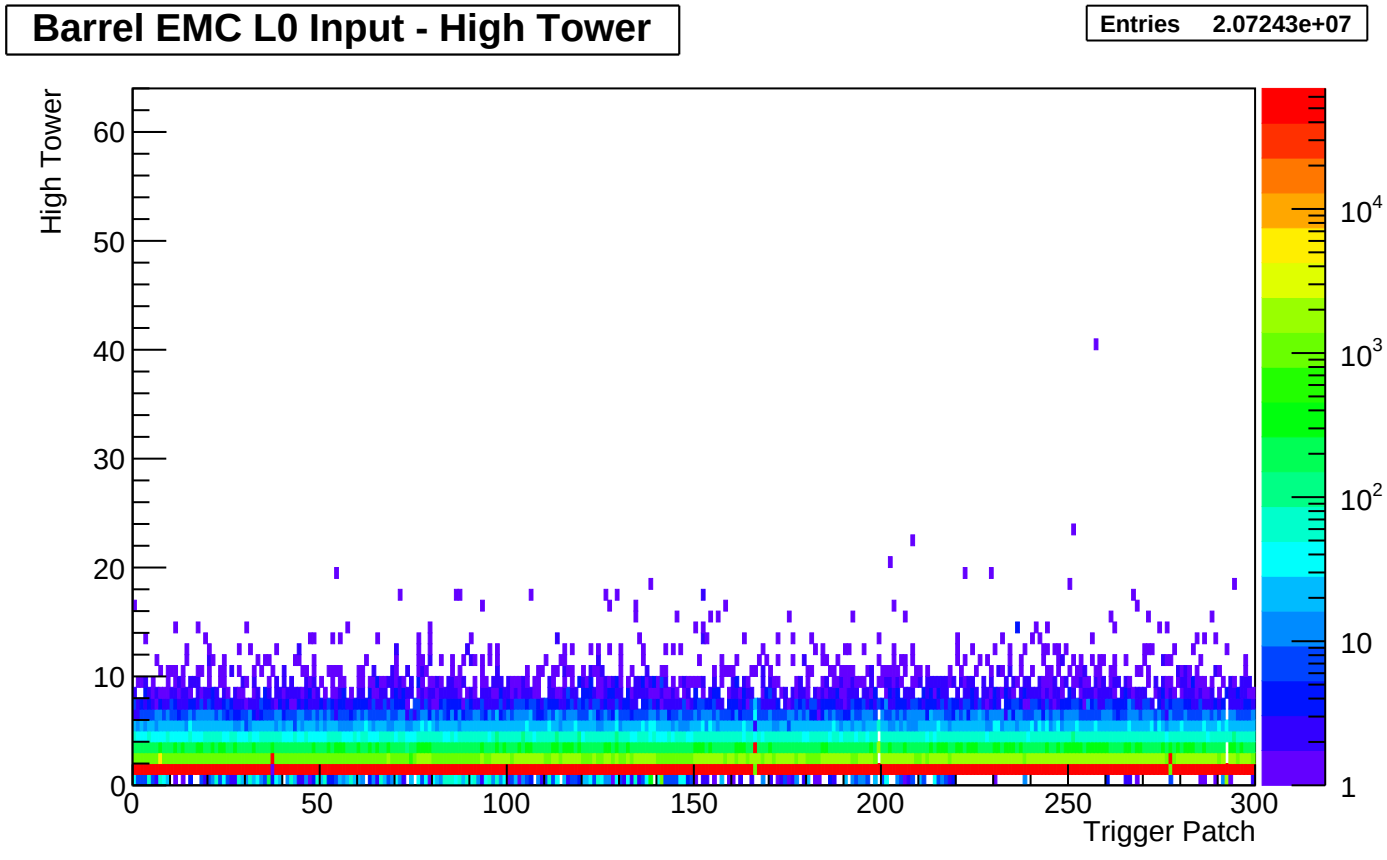
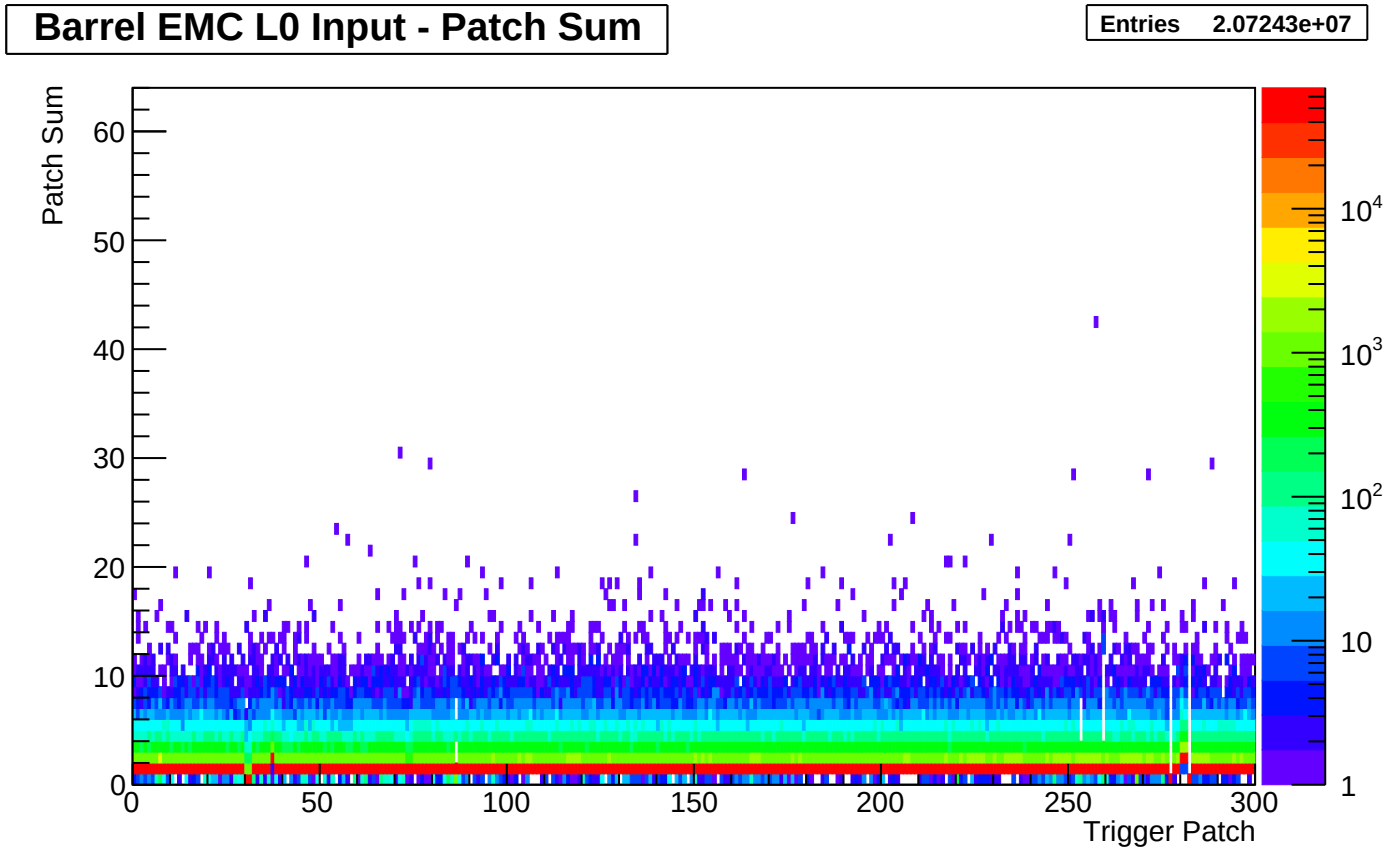
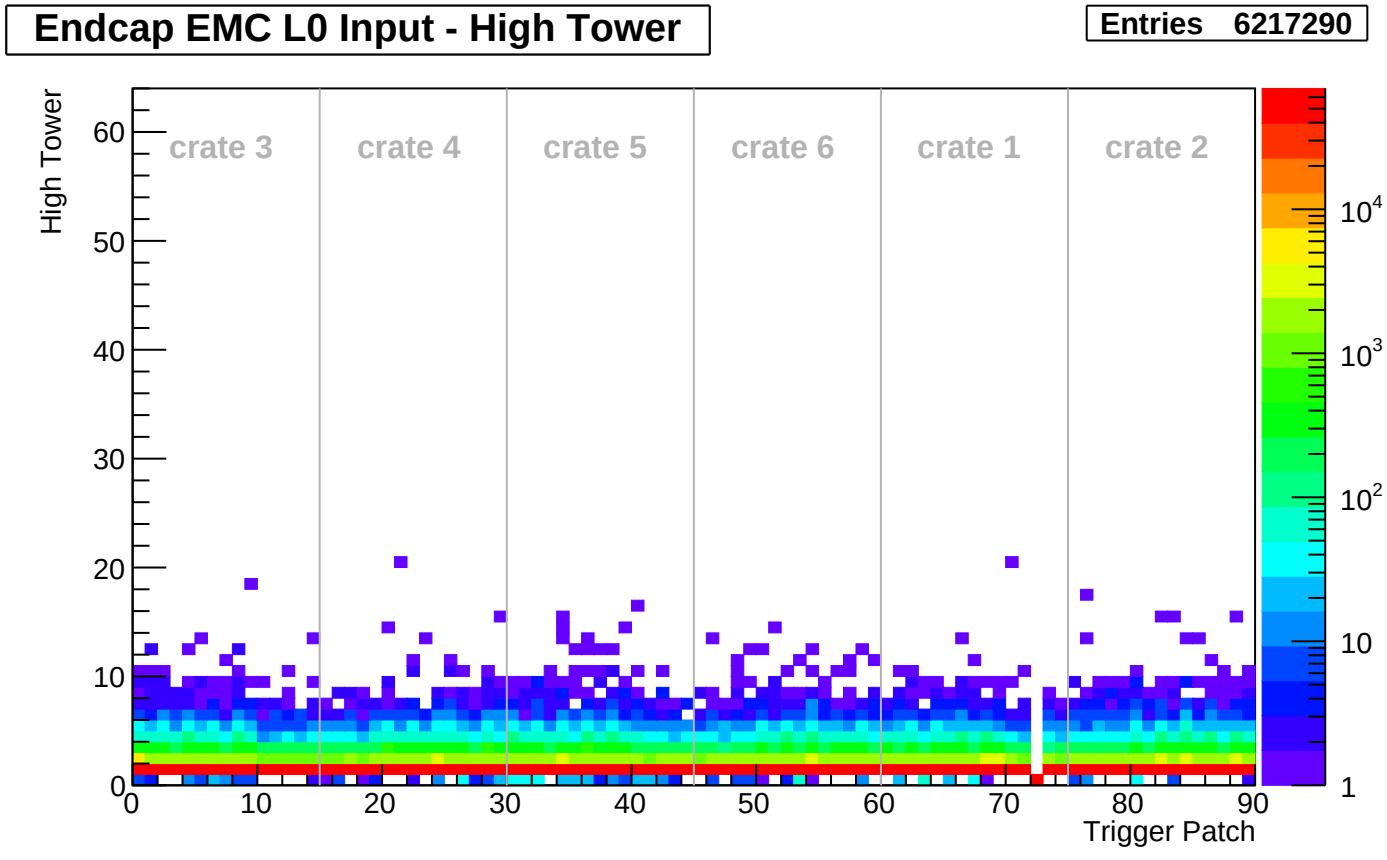
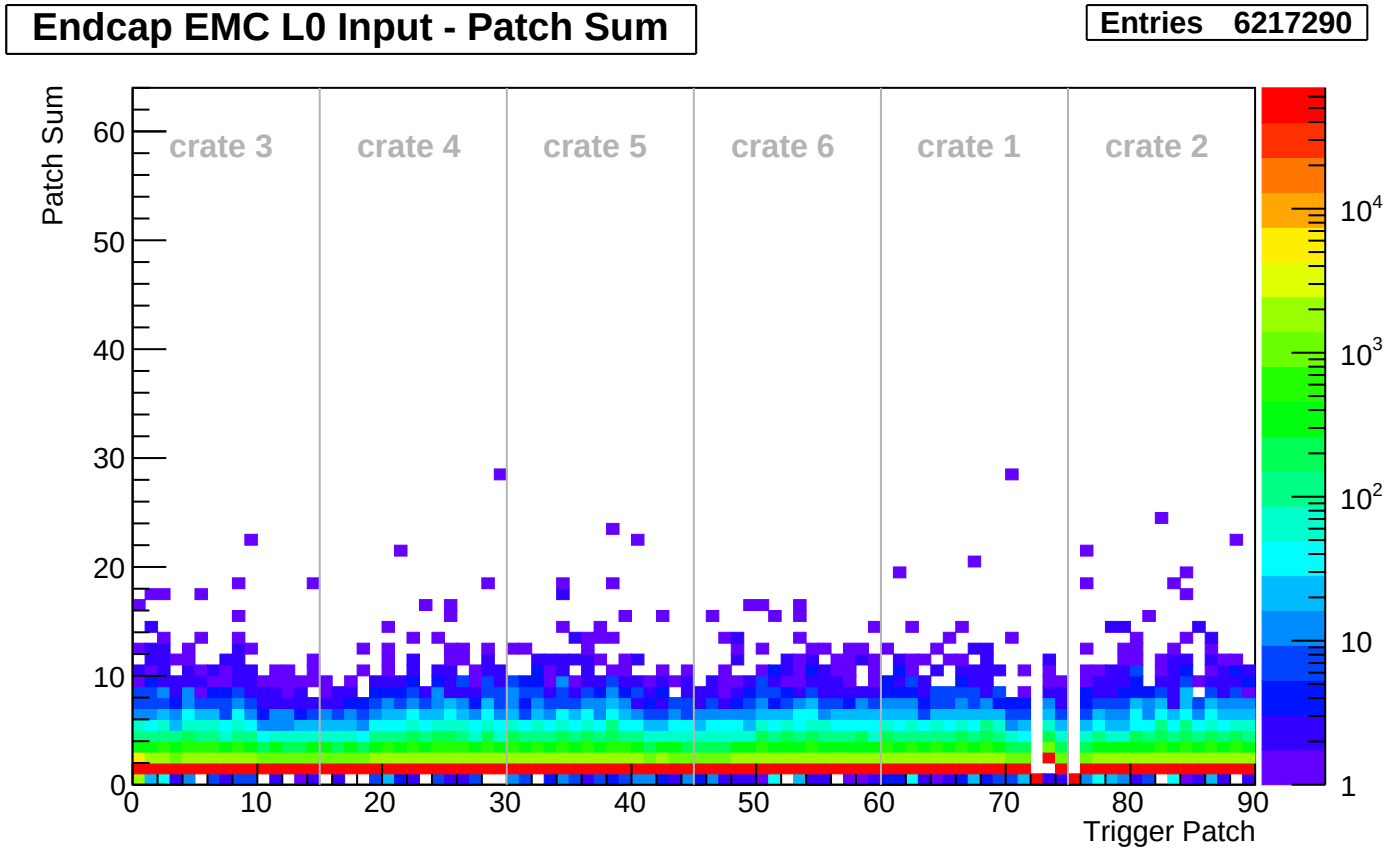
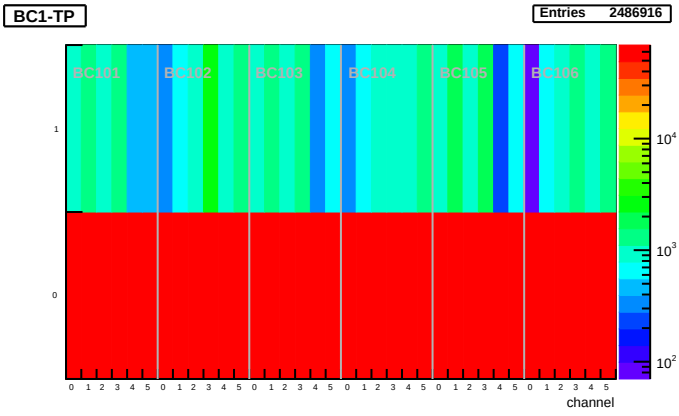
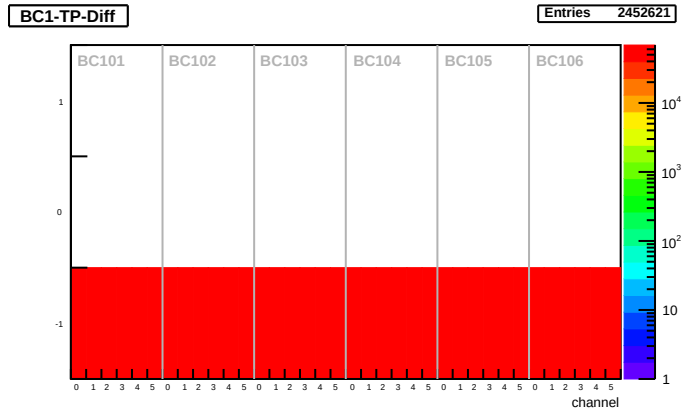

Barrel EMC L0 Input - High Tower
Entries 2.07243e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

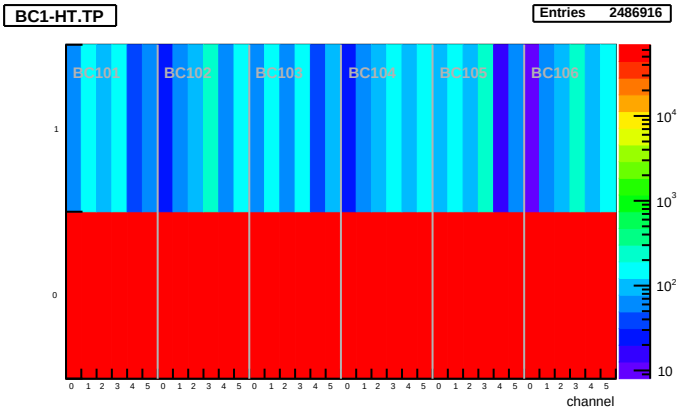

Barrel EMC L0 Input - Patch Sum
Entries 2.07243e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

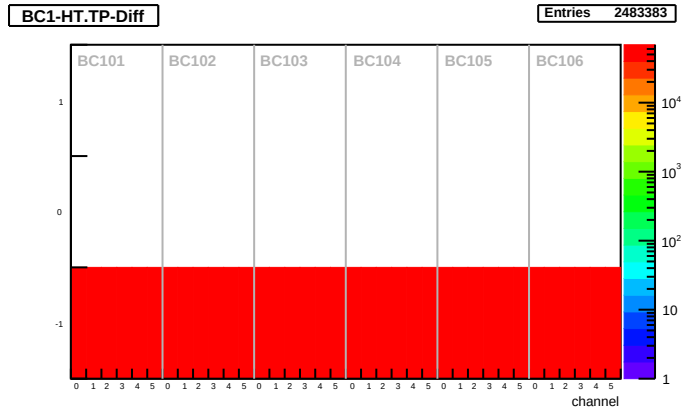

Endcap EMC L0 Input - High Tower
Entries 6217290
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

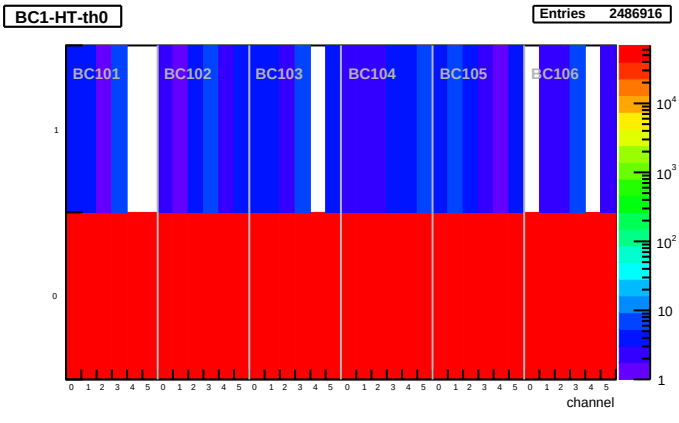

Endcap EMC L0 Input - Patch Sum
Entries 6217290
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

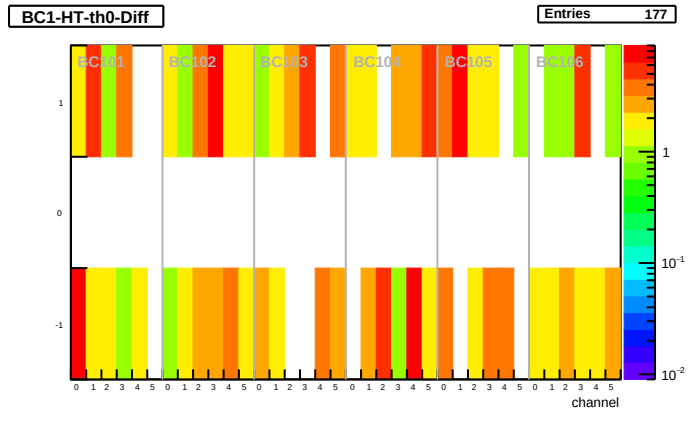

BC1-TP
Entries 2486916
BC101
BC102
BC103
BC104
BC105
BC106
channel

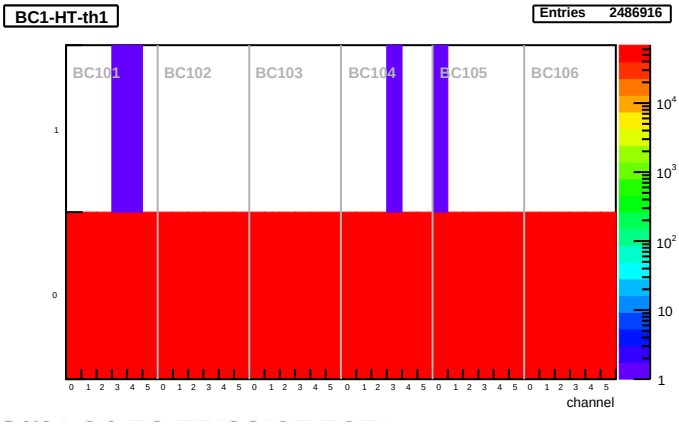

BC1-TP-Diff
Entries 2452621
BC101
BC102
BC103
BC104
BC105
BC106
channel

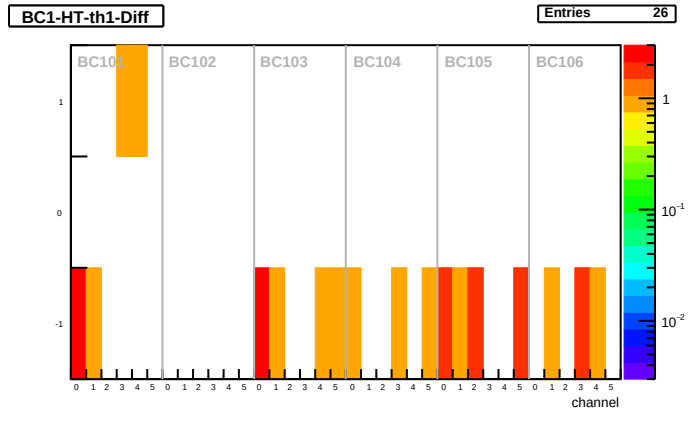

BC1-HT.TP
Entries 2486916
BC101
BC102
BC103
BC104
BC105
BC106
channel

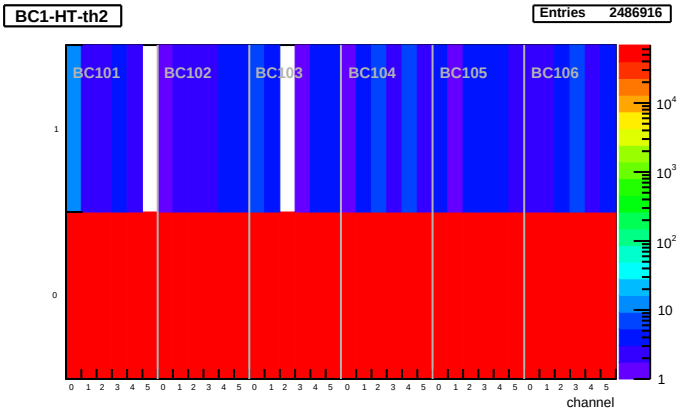

BC1-HT.TP-Diff
Entries 2483383
BC101
BC102
BC103
BC104
BC105
BC106
channel

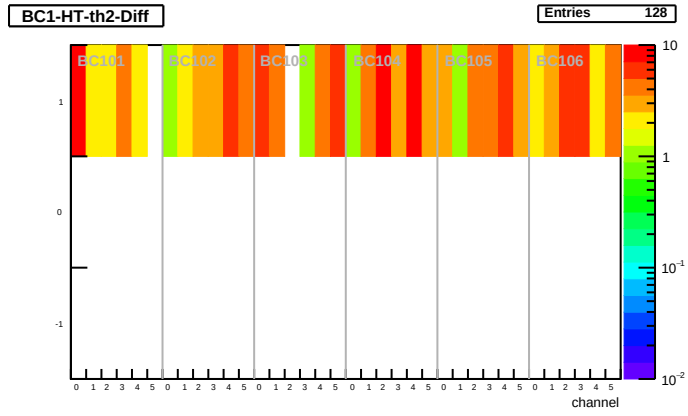

BC1-HT-th0
Entries 2486916
BC101
BC102
BC103
BC104
BC105
BC106
channel

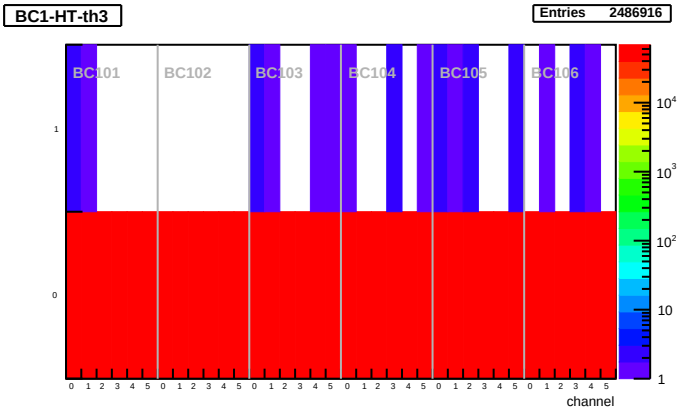

BC1-HT-th0-Diff
Entries 177
BC101
BC102
BC103
BC104
BC105
BC106
channel

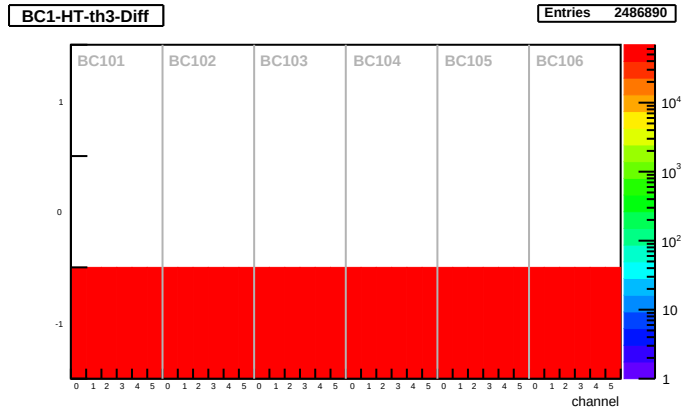

BC1-HT-th1
Entries 2486916
BC101
BC102
BC103
BC104
BC105
BC106
channel

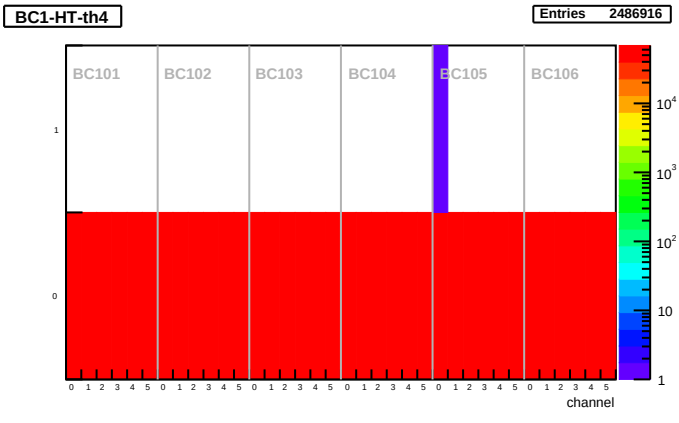

BC1-HT-th1-Diff
Entries 26
BC101
BC102
BC103
BC104
BC105
BC106
channel

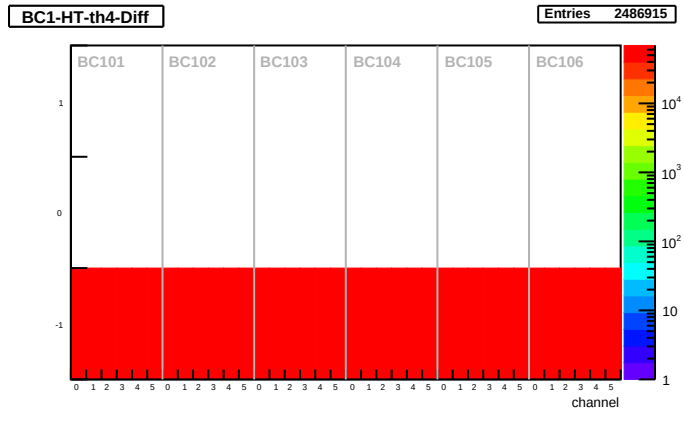

BC1-HT-th2
Entries 2486916
BC101
BC102
BC103
BC104
BC105
BC106
channel

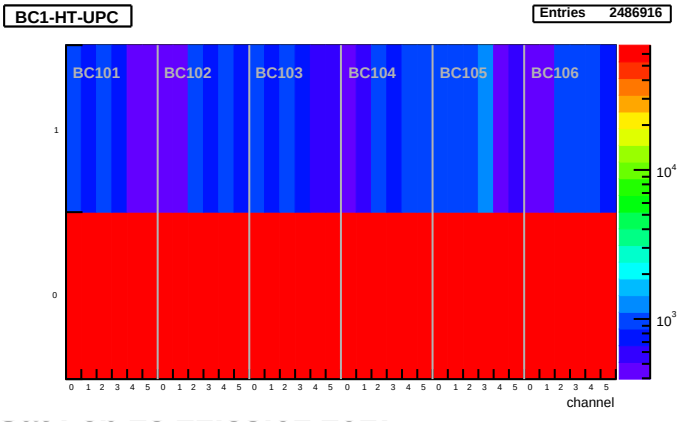

BC1-HT-th2-Diff
Entries 128
BC101
BC102
BC103
BC104
BC105
BC106
channel

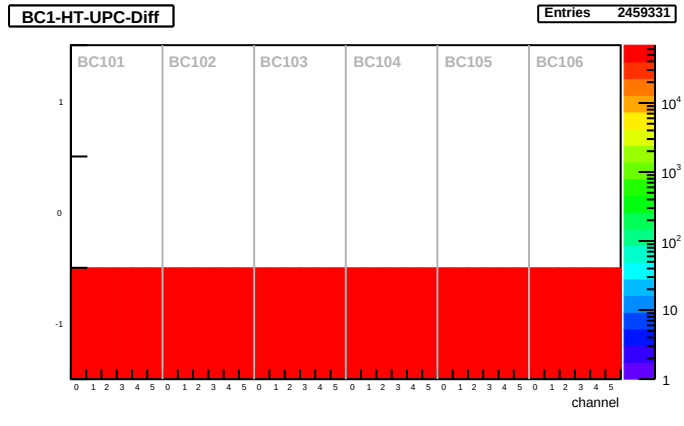

BC1-HT-th3
Entries 2486916
BC101
BC102
BC103
BC104
BC105
BC106
channel

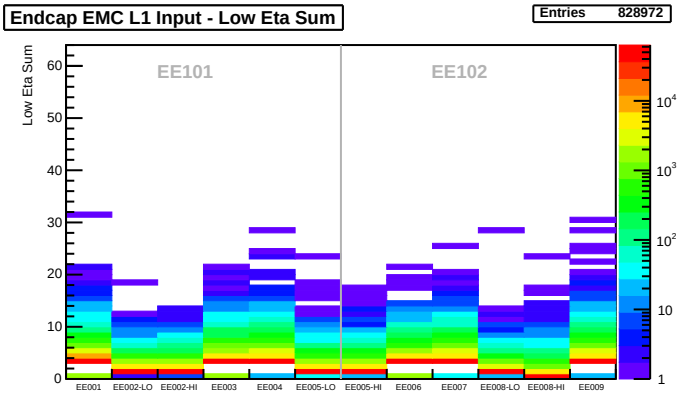

BC1-HT-th3-Diff
Entries 2486890
BC101
BC102
BC103
BC104
BC105
BC106
channel

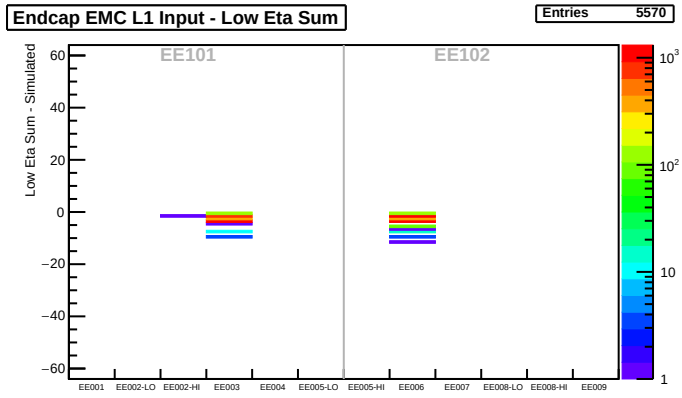

BC1-HT-th4
Entries 2486916
BC101
BC102
BC103
BC104
BC105
BC106
channel

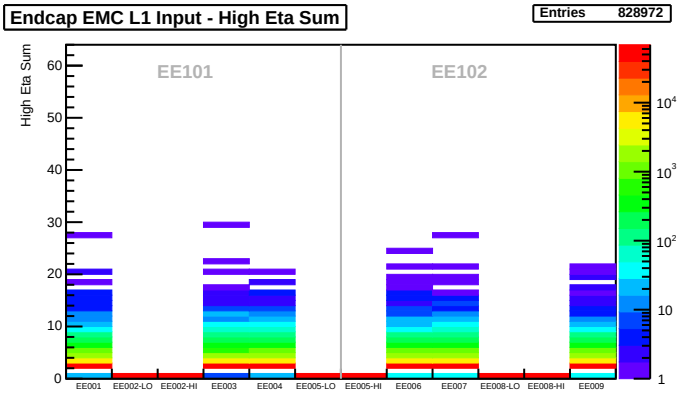

BC1-HT-th4-Diff
Entries 2486915
BC101
BC102
BC103
BC104
BC105
BC106
channel

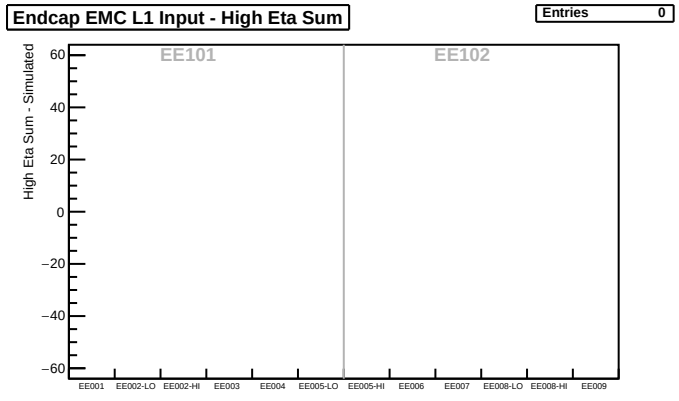

BC1-HT-UPC
Entries 2486916
BC101
BC102
BC103
BC104
BC105
BC106
channel

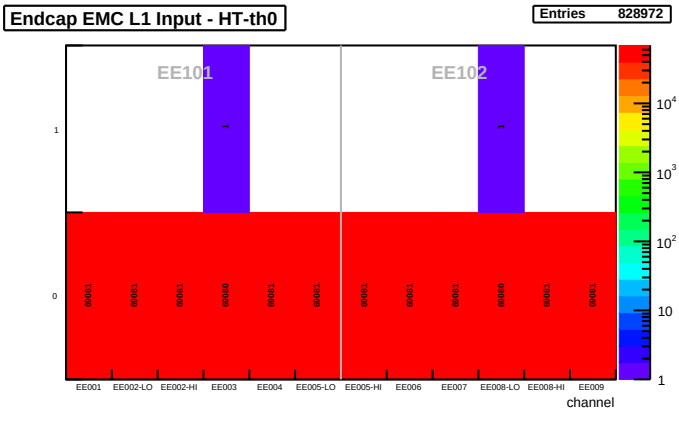

BC1-HT-UPC-Diff
Entries 2459331
BC101
BC102
BC103
BC104
BC105
BC106
channel

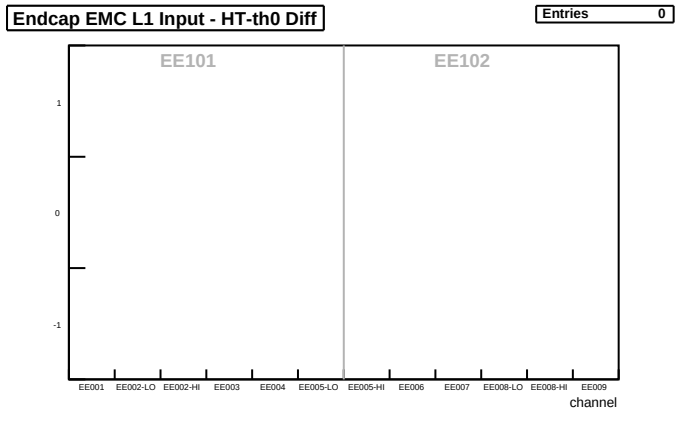

Endcap EMC L1 Input - Low Eta Sum
Entries 828972
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

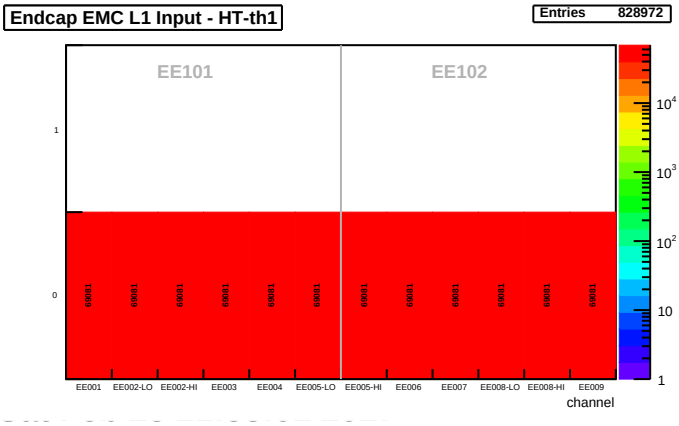

Endcap EMC L1 Input - Low Eta Sum
Entries 5570
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

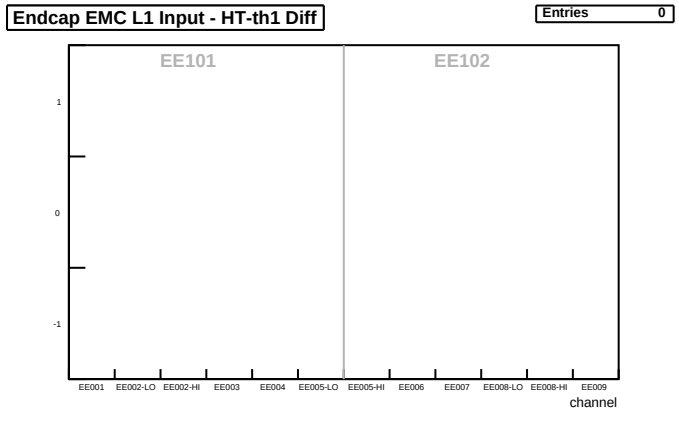

Endcap EMC L1 Input - High Eta Sum
Entries 828972
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

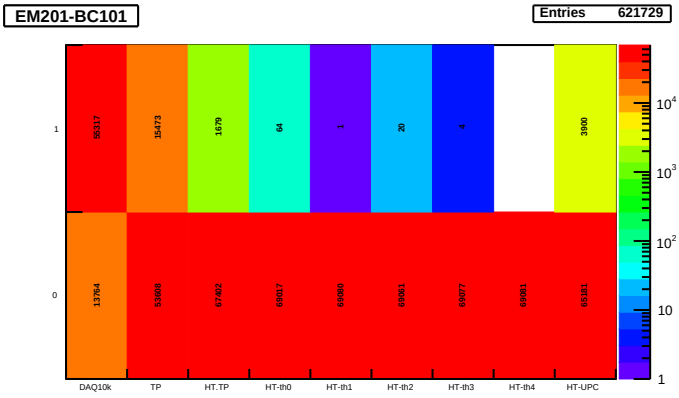

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

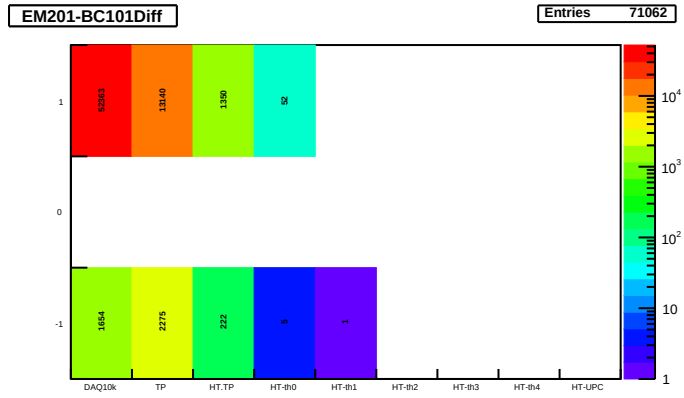

Endcap EMC L1 Input - HT-th0
Entries 828972
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

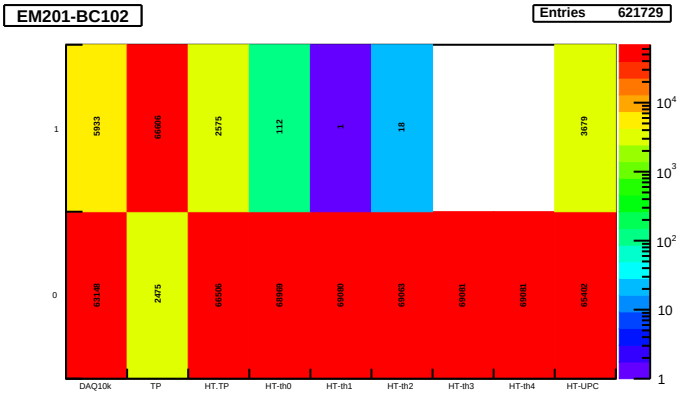

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

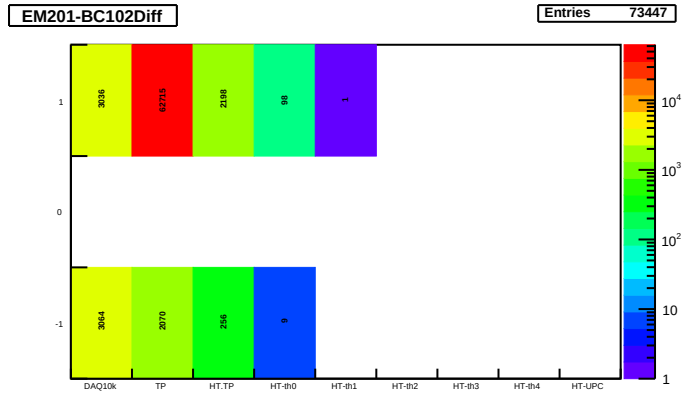

Endcap EMC L1 Input - HT-th1
Entries 828972
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

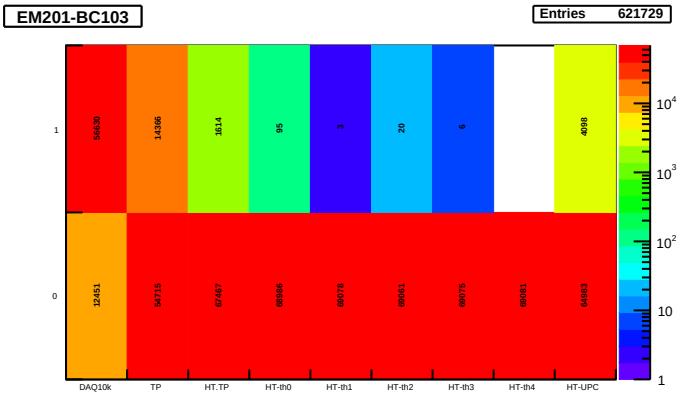

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

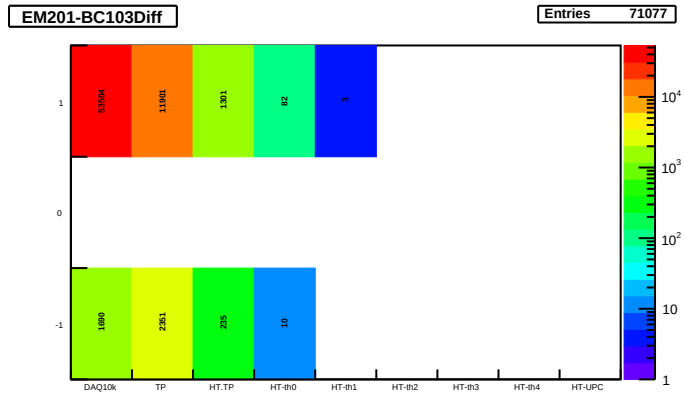

EM201-BC101
Entries 621729
1
0
55317
15473
1679
64
1
20
4
3900
13764
53608
67402
69017
69060
69061
69077
69081
65181
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

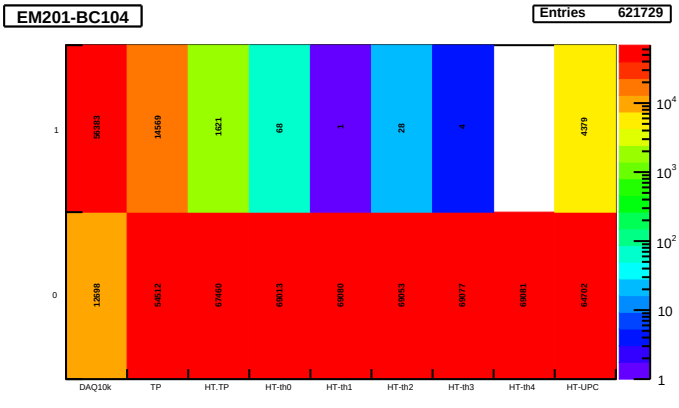

EM201-BC101Diff
Entries 71062
1
0
-1
52563
13140
1350
52
1654
2275
222
5
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

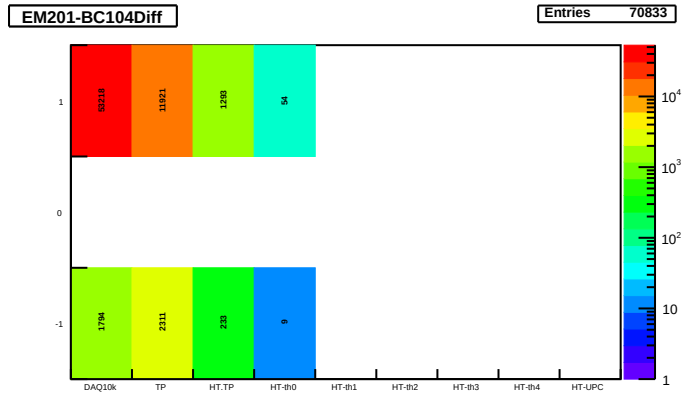

EM201-BC102
Entries 621729
1
0
5933
66606
2575
112
1
18
3679
63148
2475
66506
68969
69060
69063
69081
69081
65402
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC102Diff
Entries 73447
1
0
-1
3036
62715
2198
98
1
3064
2070
256
9
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC103
Entries 621729
1
0
56530
14366
1614
95
3
20
6
4098
12451
54715
67467
68986
69078
69061
69075
69081
64883
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

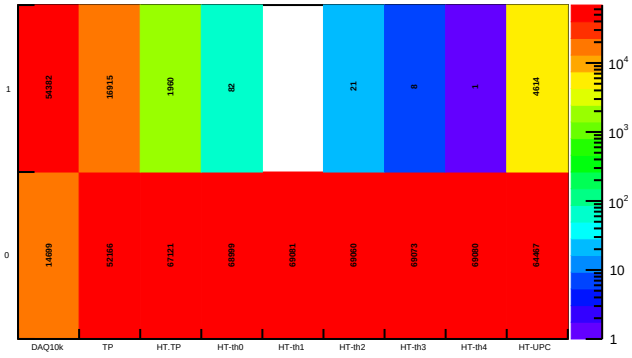

EM201-BC103Diff
Entries 71077
1
0
-1
53504
11901
1301
82
3
1890
2351
235
10
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC104
Entries 621729
1
0
55383
14569
1621
68
1
28
4
4379
12698
54512
67460
69013
69060
69063
69077
69081
64702
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC104Diff
Entries 70833
1
0
-1
53218
11921
1293
54
1794
2311
233
9
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

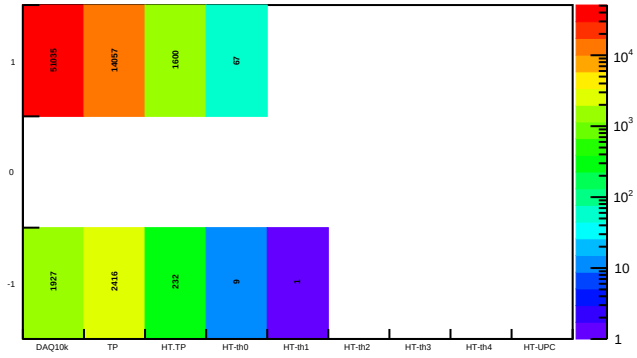
EM201-BC105

Entries 621729



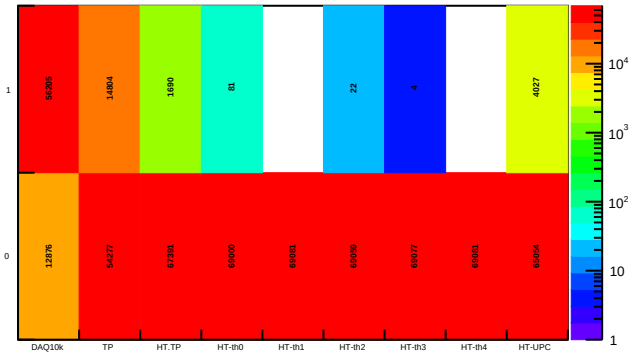
EM201-BC105Diff

Entries 71344



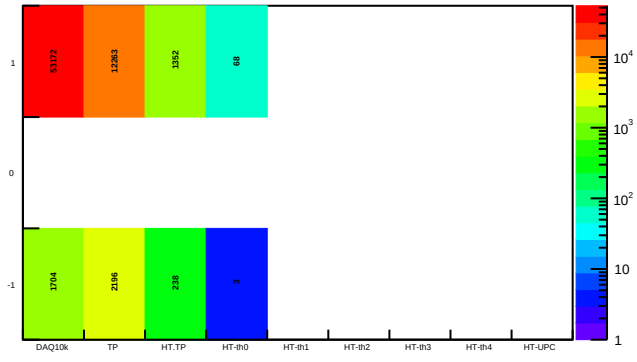
EM201-BC106

Entries 621729



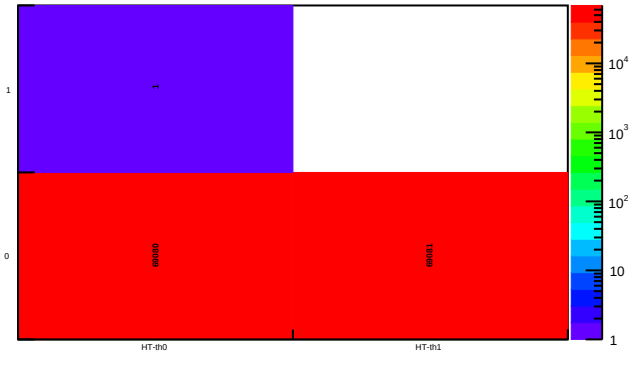
EM201-BC106Diff

Entries 70996



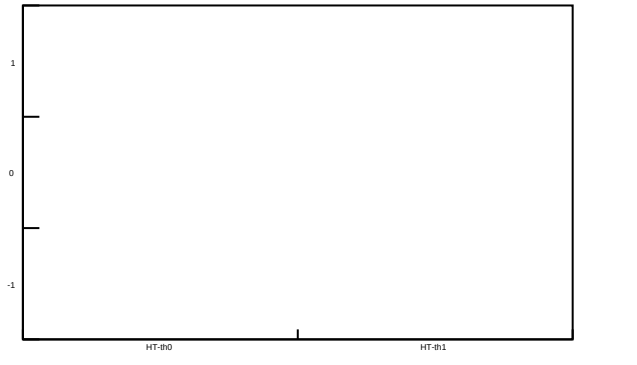
EM201-EE101

Entries 138162



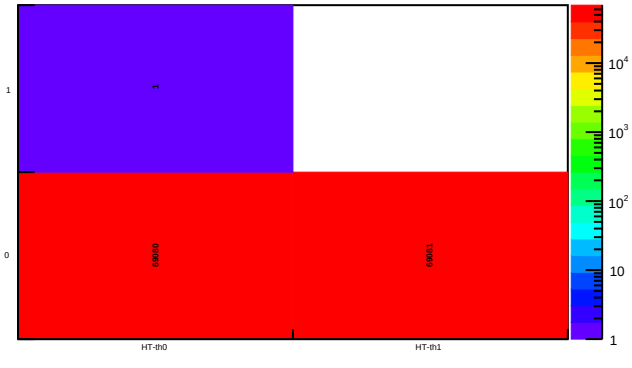
EM201-EE101Diff

Entries 0



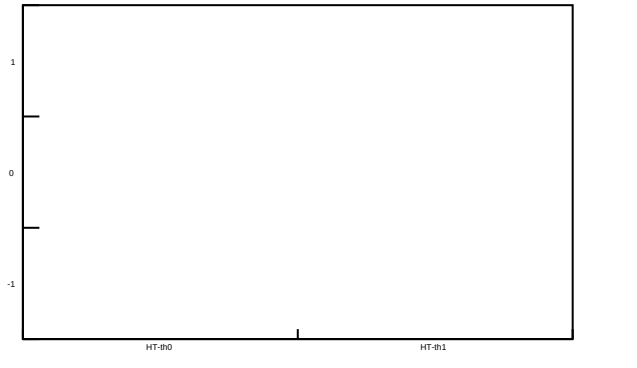
EM201-EE102

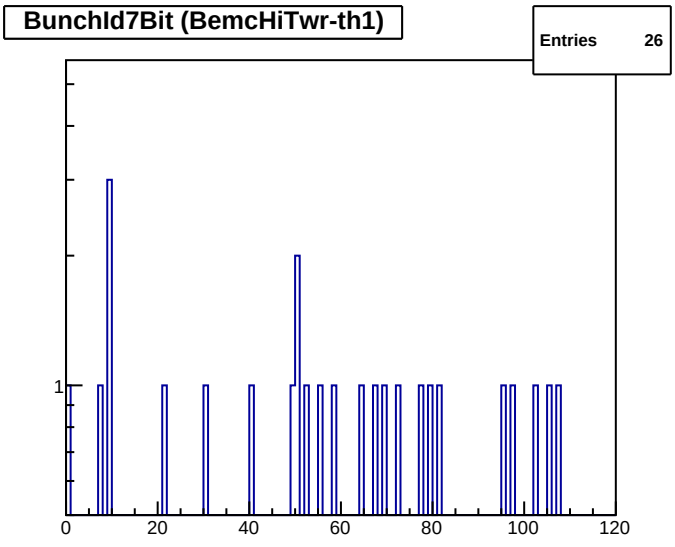
Entries 138162

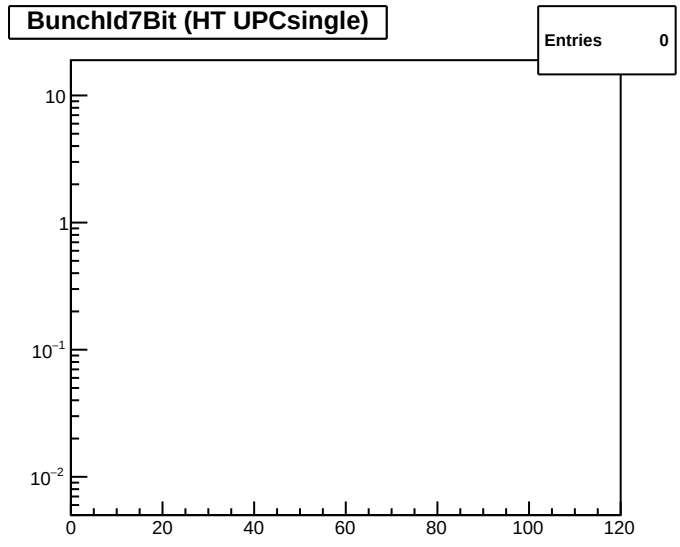


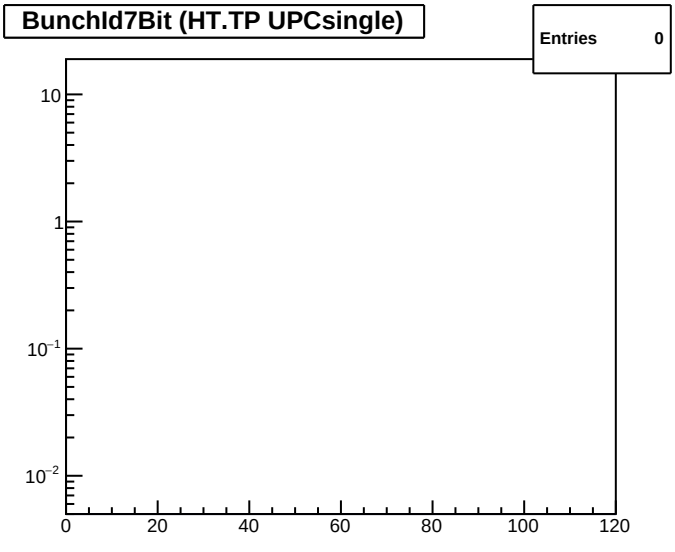
EM201-EE102Diff

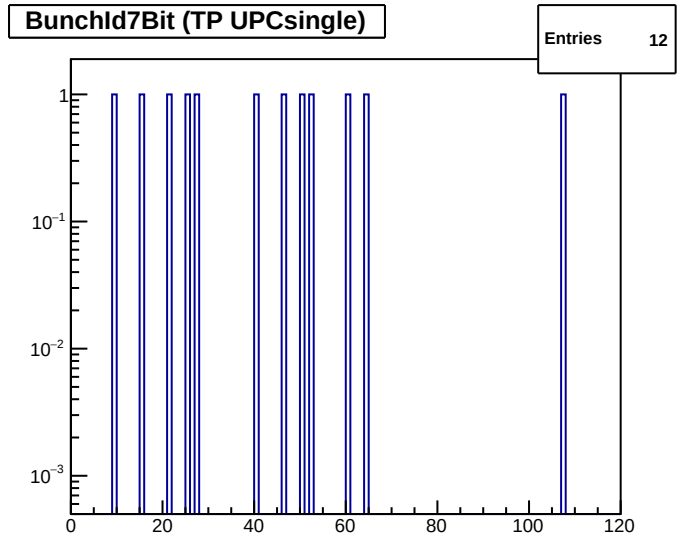
Entries 0

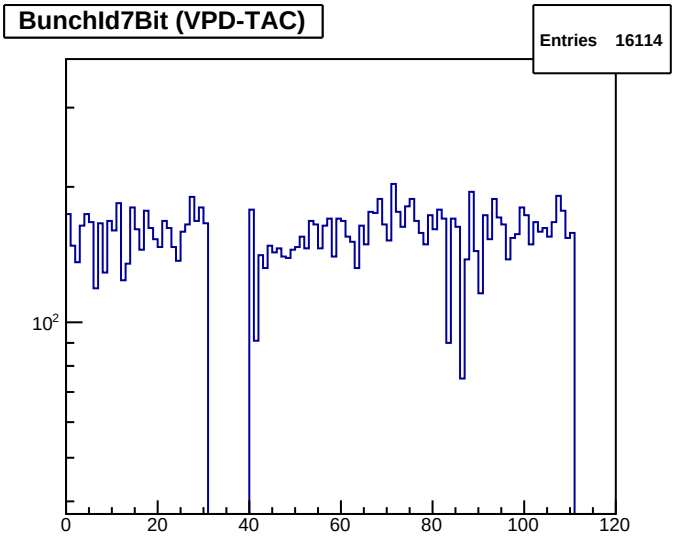


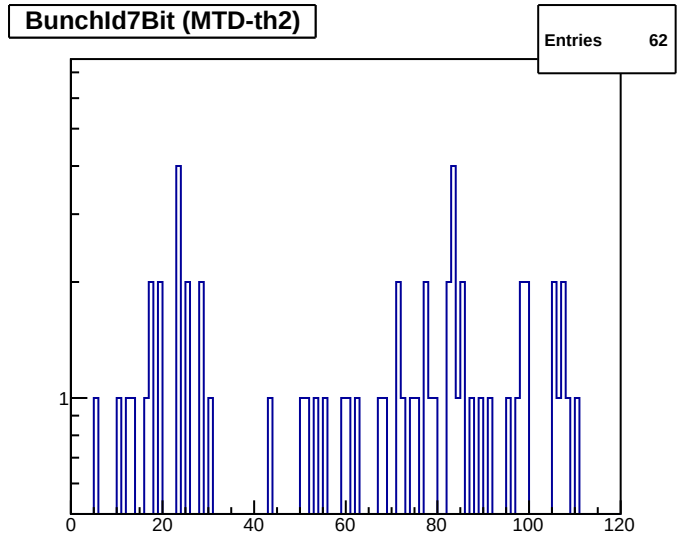

BunchId7Bit (BemcHiTwr-th1)
Entries 26
1
0 20 40 60 80 100 120

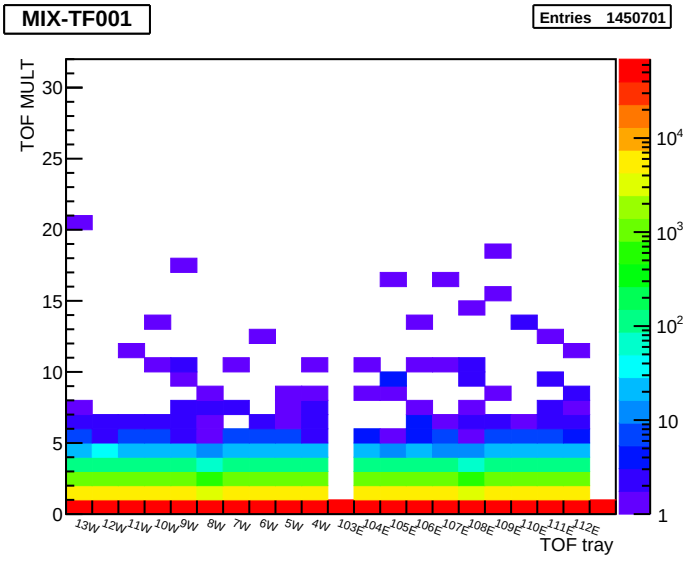

BunchId7Bit (HT UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

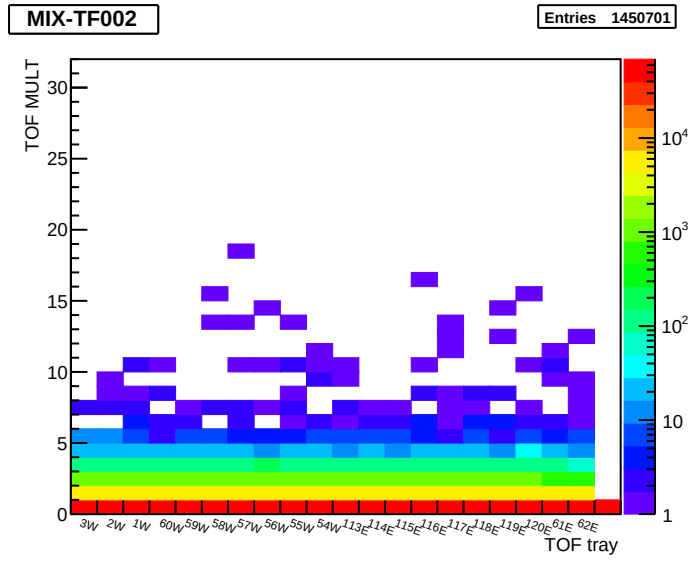

BunchId7Bit (HT.TP UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

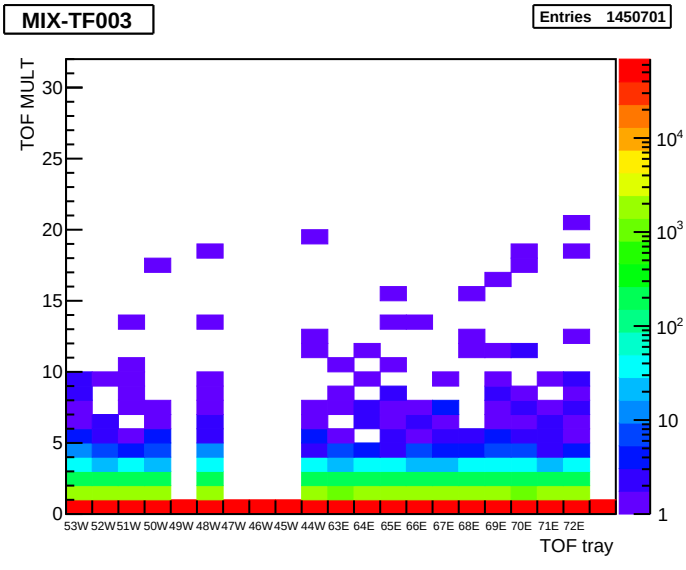

BunchId7Bit (TP UPCsingle)
Entries 12
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

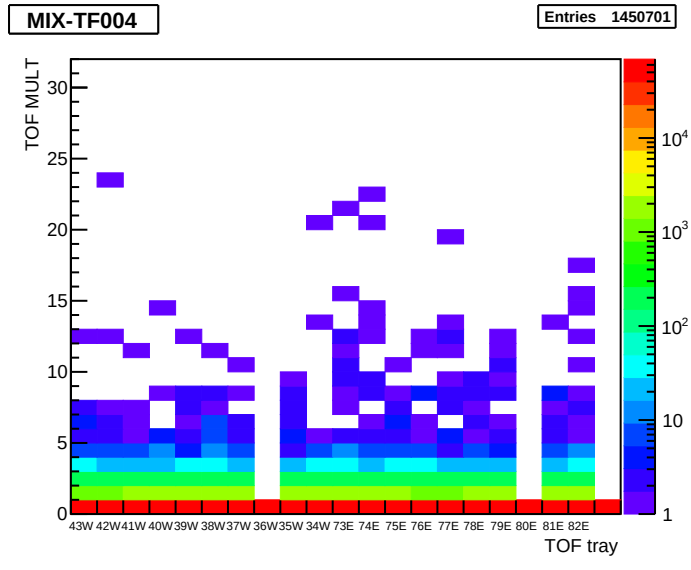

BunchId7Bit (VPD-TAC)
Entries 16114
10^{2}
0 20 40 60 80 100 120

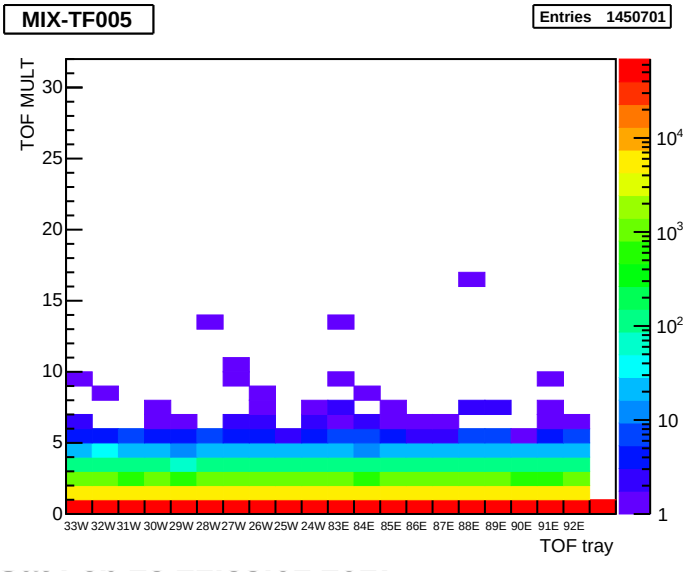

BunchId7Bit (MTD-th2)
Entries 62
1
0 20 40 60 80 100 120

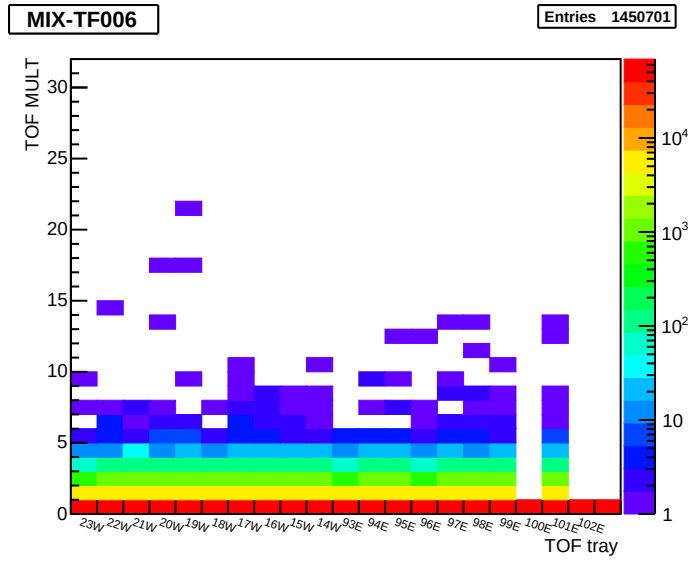

MIX-TF001
Entries 1450701
TOF MULT
TOF tray

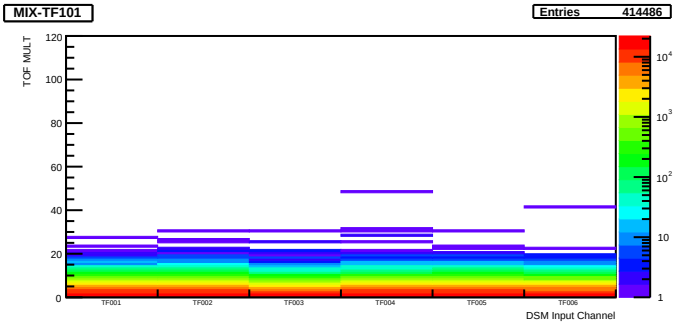

MIX-TF002
Entries 1450701
TOF MULT
TOF tray

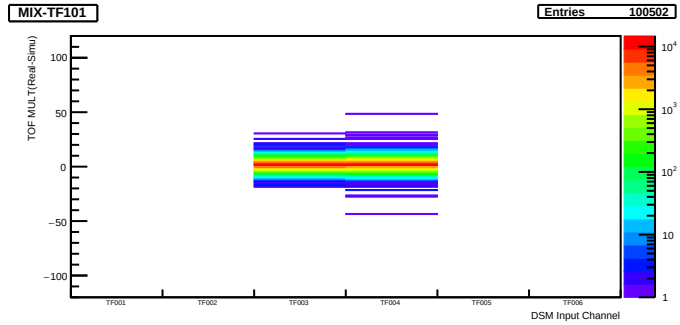

MIX-TF003
Entries 1450701
TOF MULT
TOF tray

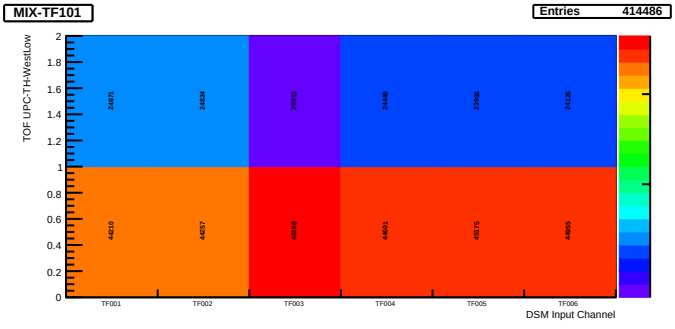

MIX-TF004
Entries 1450701
TOF MULT
TOF tray

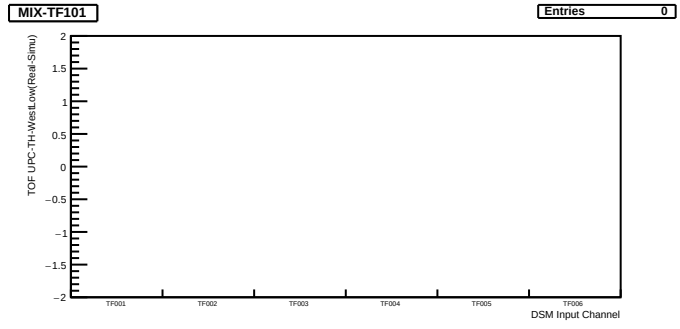

MIX-TF005
Entries 1450701
TOF MULT
TOF tray

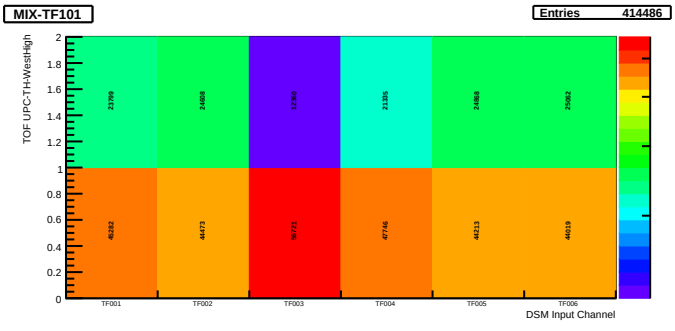

MIX-TF006
Entries 1450701
TOF MULT
TOF tray

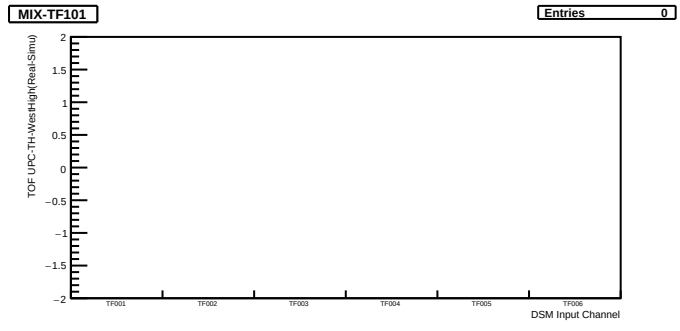

MIX-TF101
Entries 414486
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

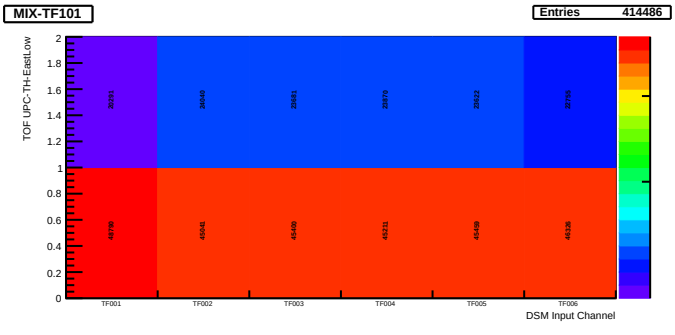

MIX-TF101
Entries 100502
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

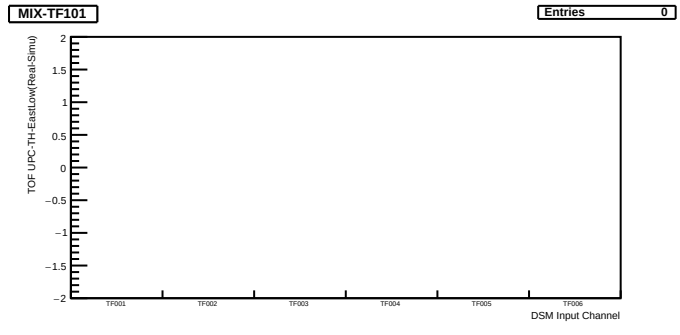

MIX-TF101
Entries 414486
TOF UPC-TH-WestLow
24671
24634
20513
24440
23508
24126
44210
44257
46848
46601
46375
46605
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

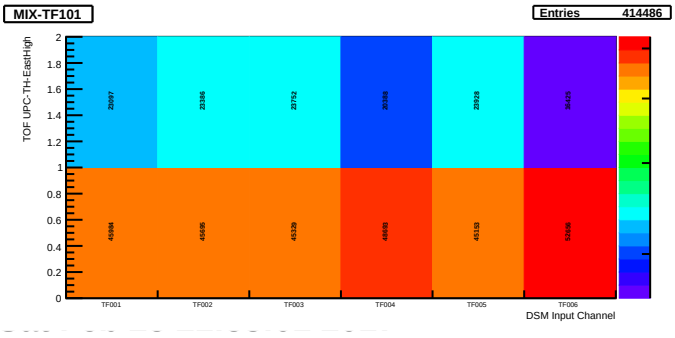

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

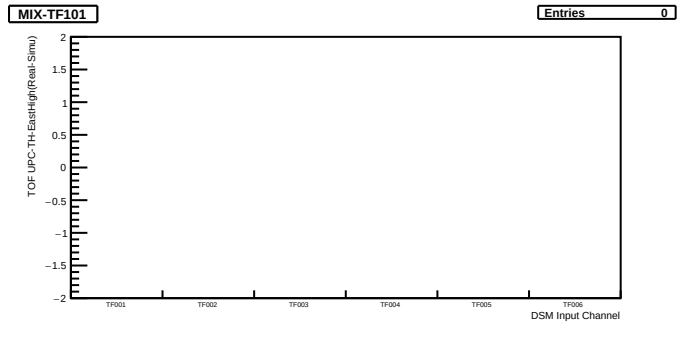

MIX-TF101
Entries 414486
TOF UPC-TH-WestHigh
23799
24468
12350
21335
24868
29862
46282
44473
39721
47746
44213
46019
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

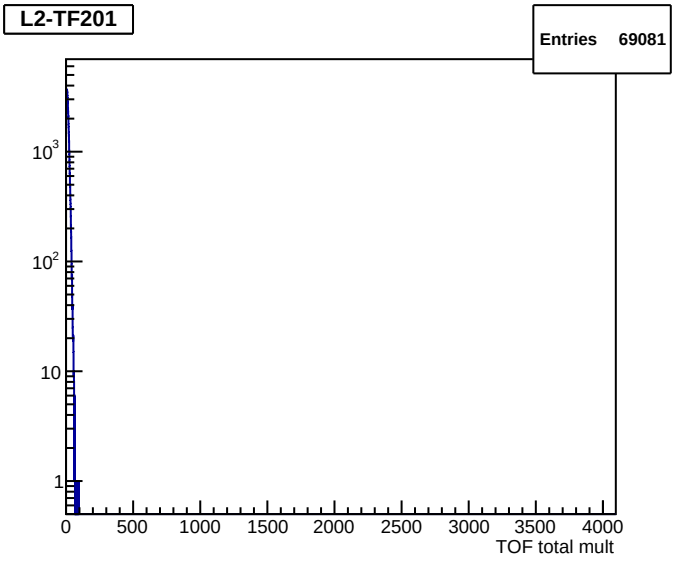

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

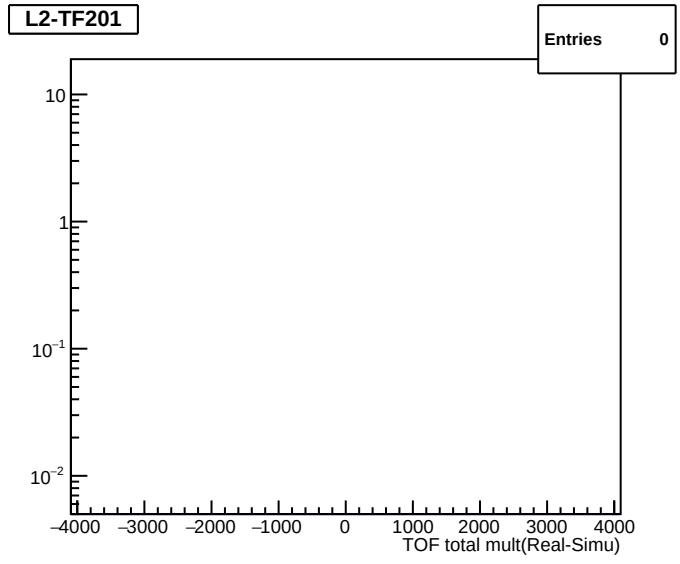

MIX-TF101
Entries 414486
TOF UPC-TH-EastLow
20231
26040
25881
28870
25522
22705
46790
45941
45400
45231
45489
46136
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

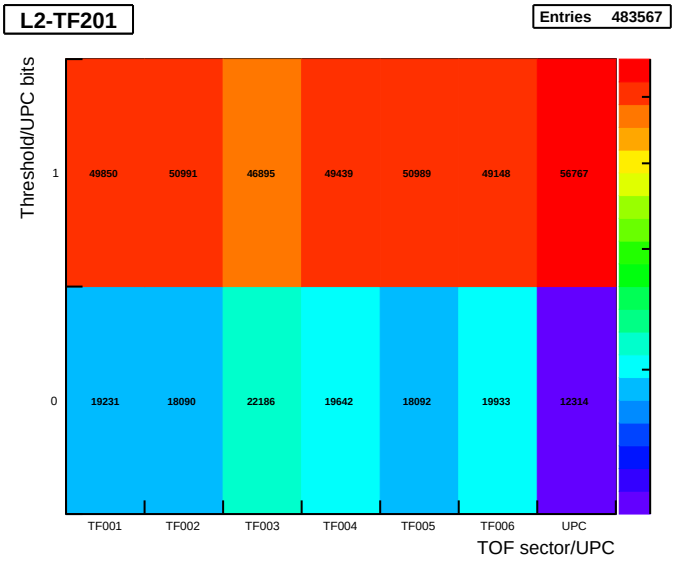

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

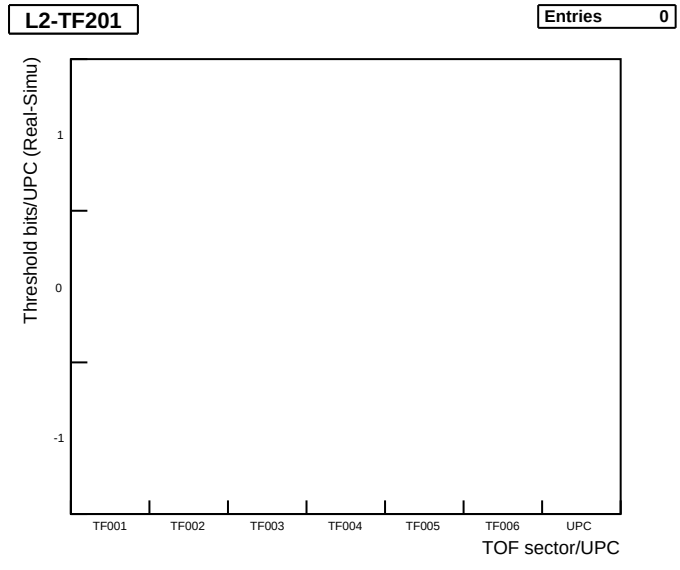

MIX-TF101
Entries 414486
TOF UPC-TH-EastHigh
25097
25386
23752
20388
23928
36425
45984
45686
45329
46840
45153
52436
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

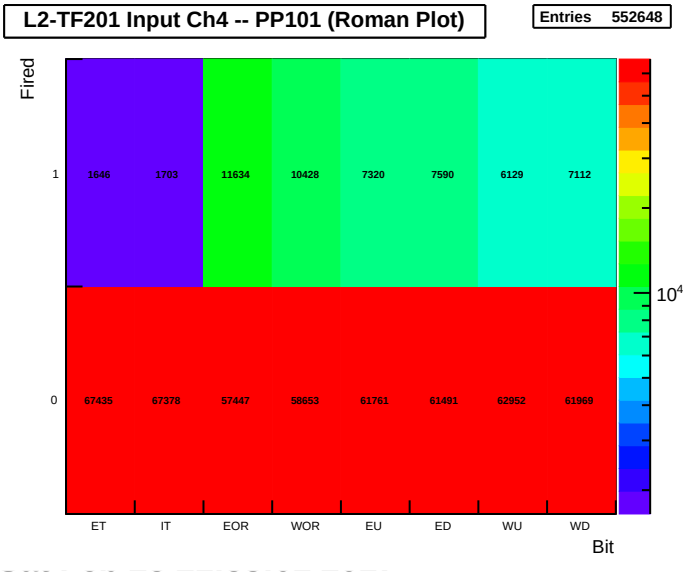

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

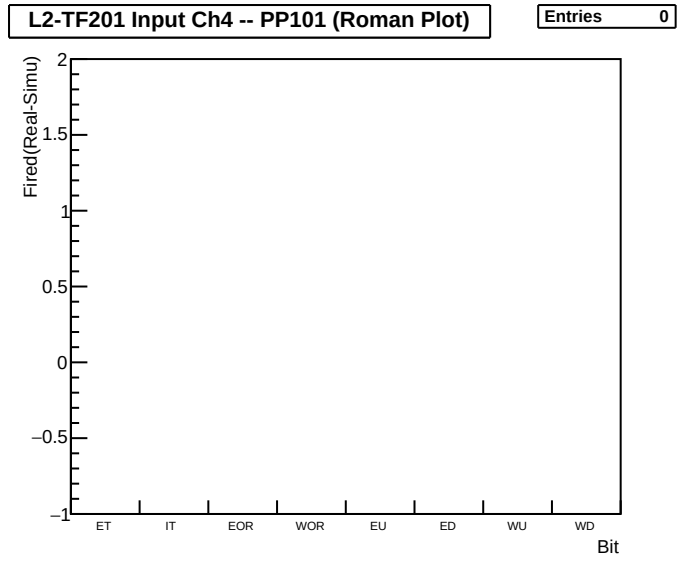

L2-TF201
Entries 69081
TOF total mult

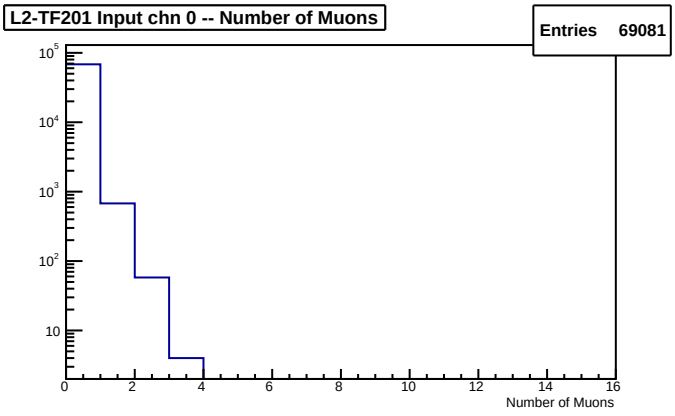

L2-TF201
Entries 0
TOF total mult(Real-Simu)

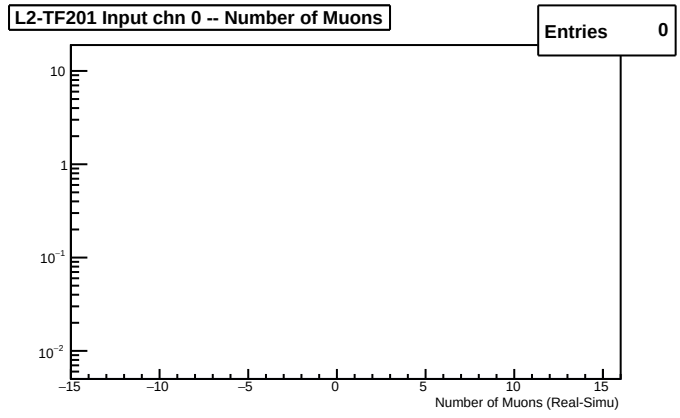

L2-TF201
Entries 483567
Threshold/UPC bits
49850 50991 46895 49439 50989 49148 56767
19231 18090 22186 19642 18092 19933 12314
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

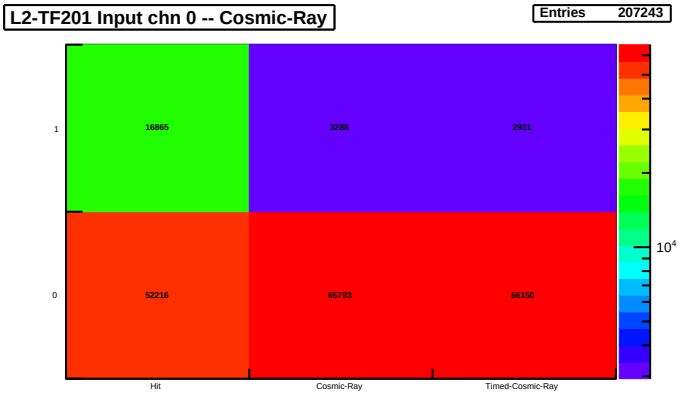

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

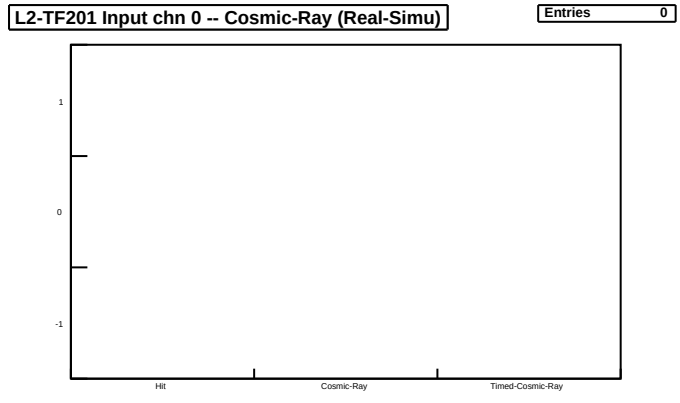

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 552648
Fired
1646 1703 11634 10428 7320 7590 6129 7112
67435 67378 57447 58653 61761 61491 62952 61969
ET IT EOR WOR EU ED WU WD
Bit

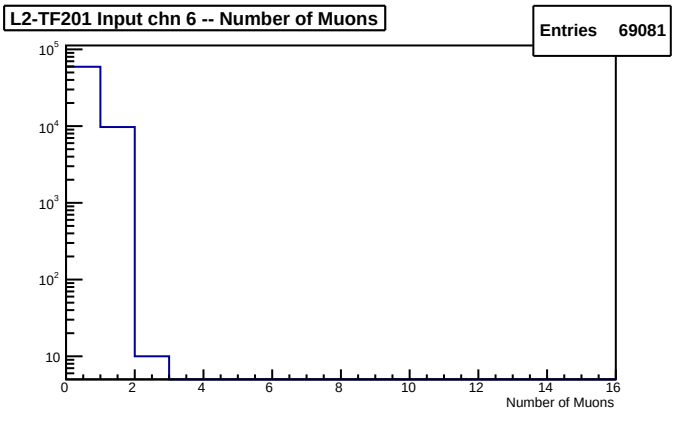

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

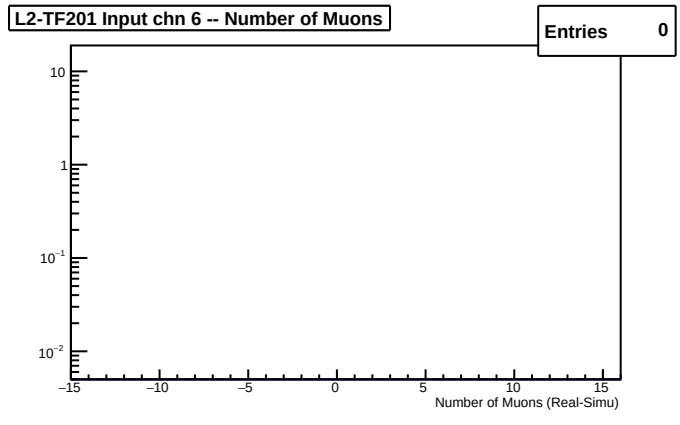

L2-TF201 Input chn 0 -- Number of Muons
Entries 69081
Number of Muons

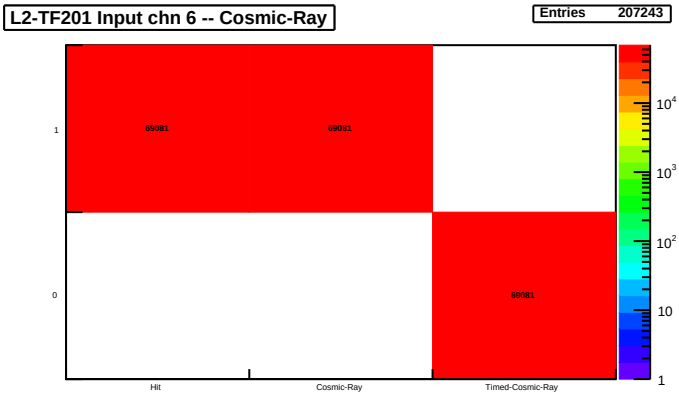

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

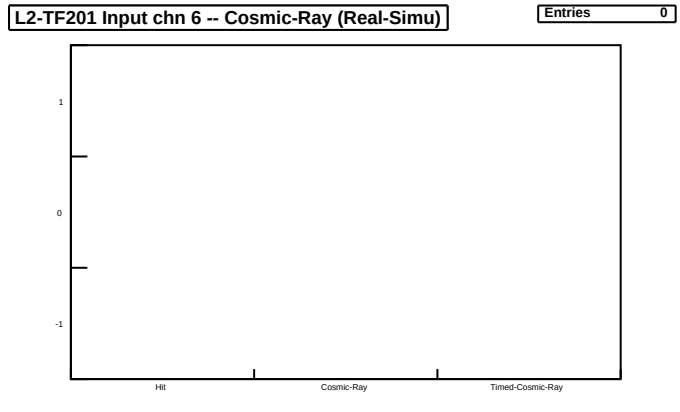

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 207243
16865
3288
2931
52216
65793
66150
Hit
Cosmic-Ray
Timed-Cosmic-Ray

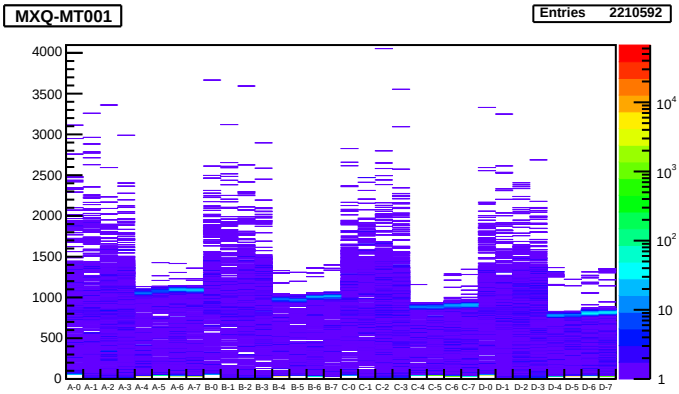

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

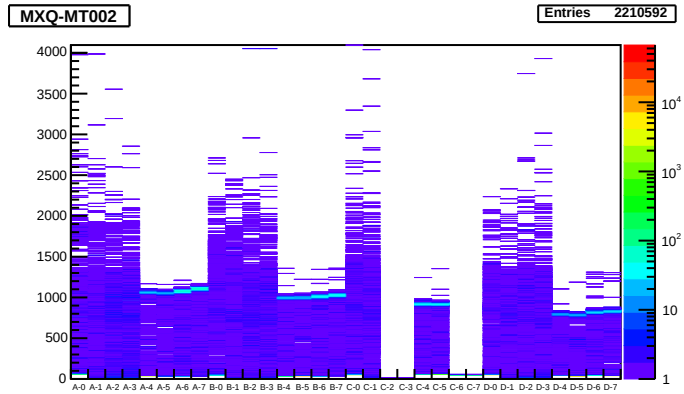

L2-TF201 Input chn 6 -- Number of Muons
Entries 69081
Number of Muons

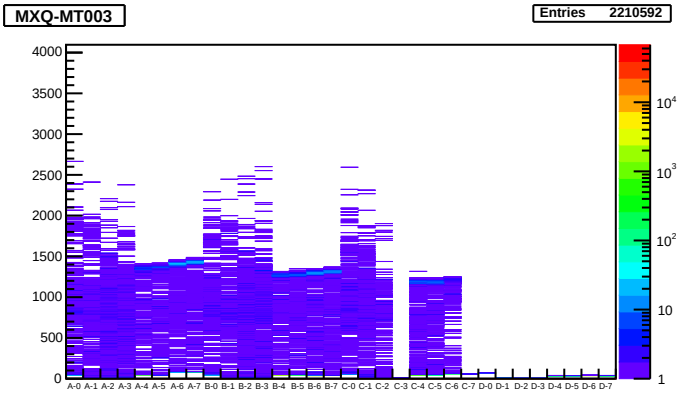

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

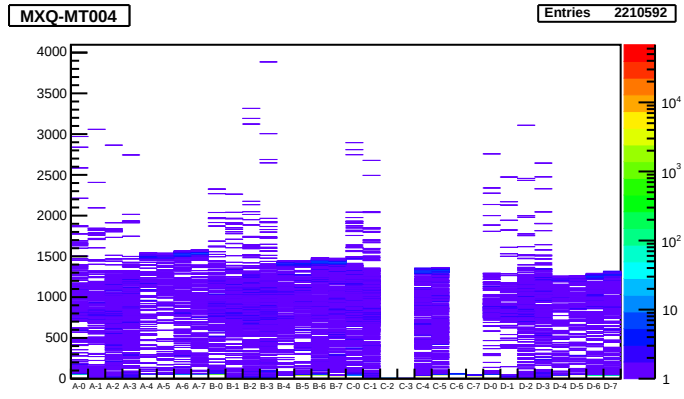

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 207243
69081
69081
69081
Hit
Cosmic-Ray
Timed-Cosmic-Ray

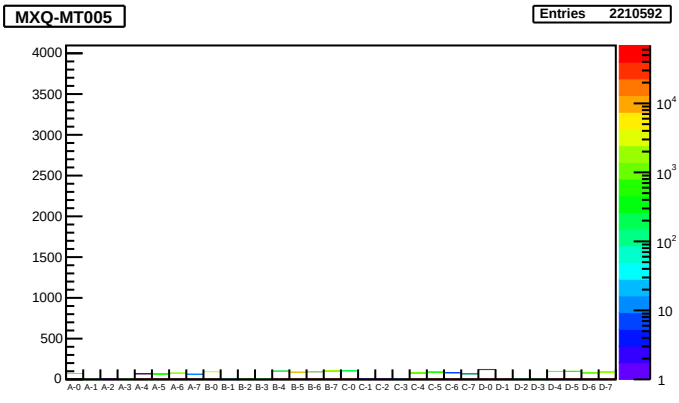

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

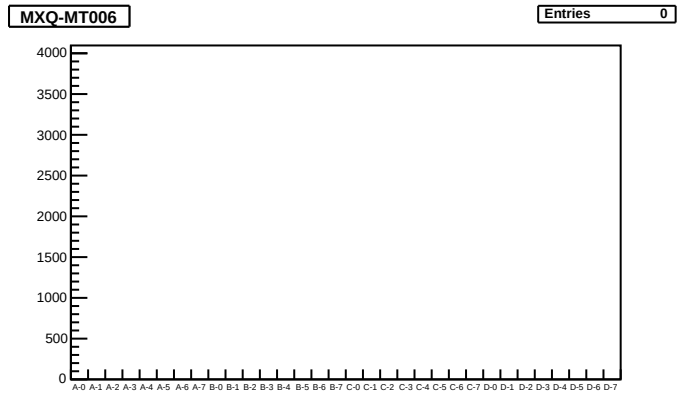

MXQ-MT001
Entries 2210592

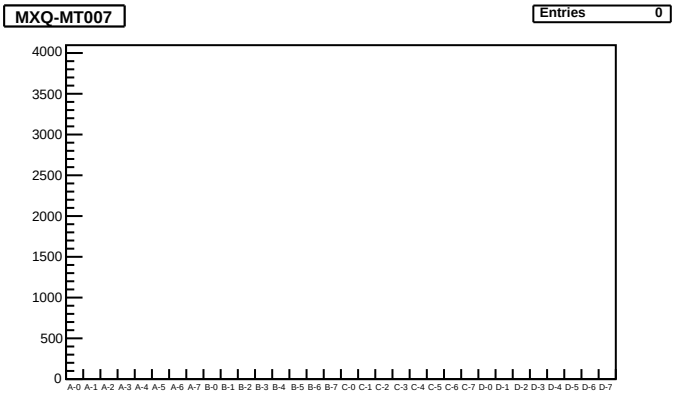

MXQ-MT002
Entries 2210592

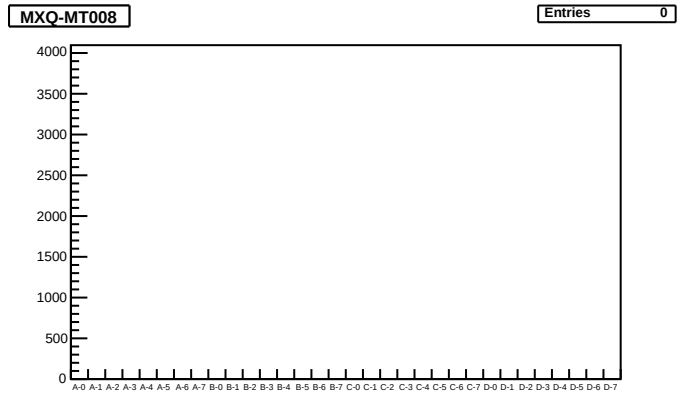

MXQ-MT003
Entries 2210592

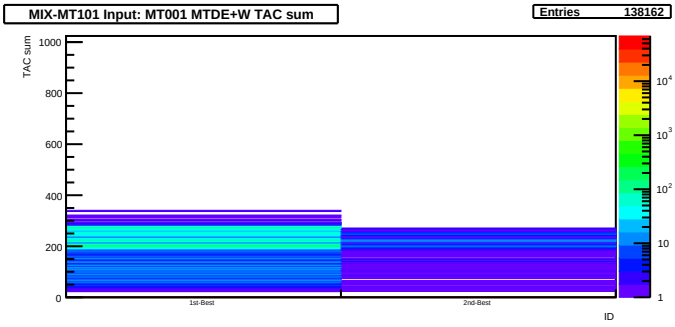

MXQ-MT004
Entries 2210592

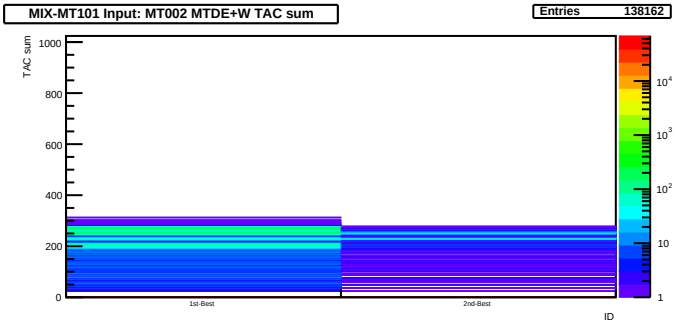

MXQ-MT005
Entries 2210592

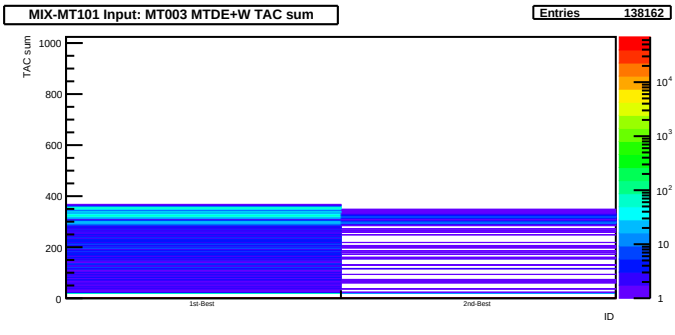

MXQ-MT006
Entries 0

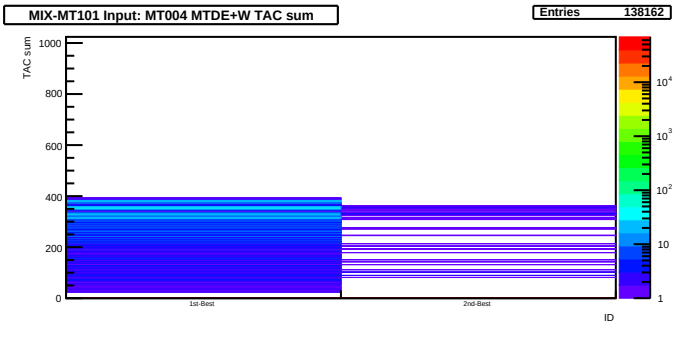

MXQ-MT007
Entries 0

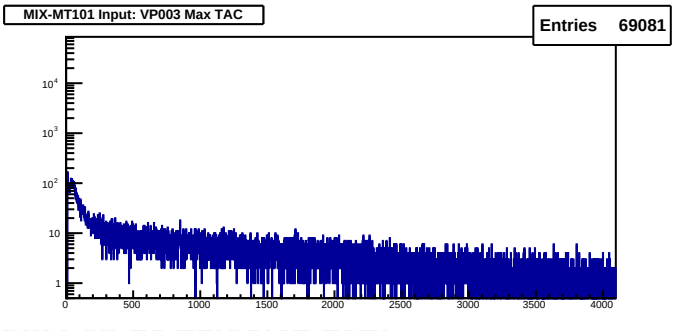

MXQ-MT008
Entries 0

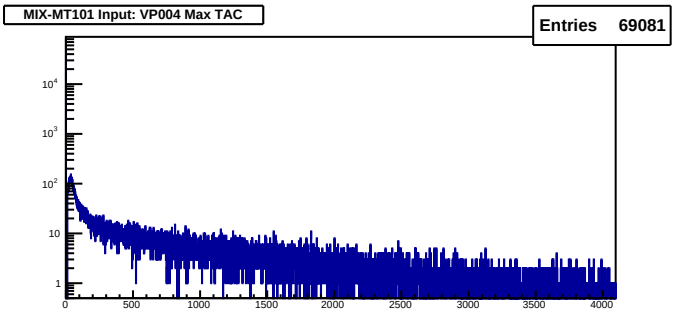

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 138162
TAC sum
1st-Best
2nd-Best
ID

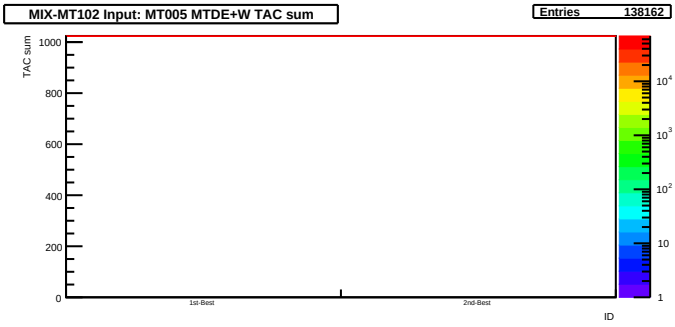

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 138162
TAC sum
1st-Best
2nd-Best
ID

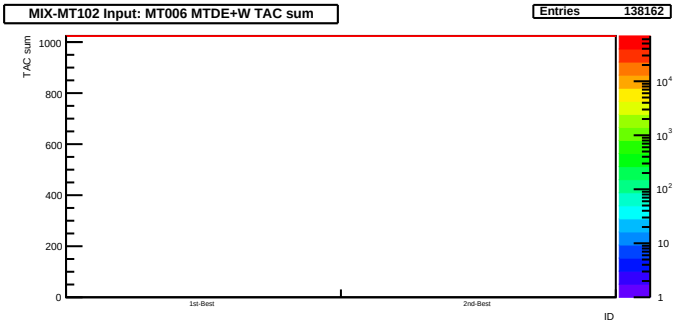

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 138162
TAC sum
1st-Best
2nd-Best
ID

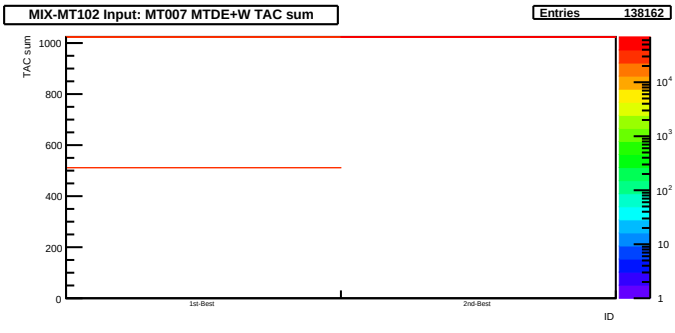

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 138162
TAC sum
1st-Best
2nd-Best
ID

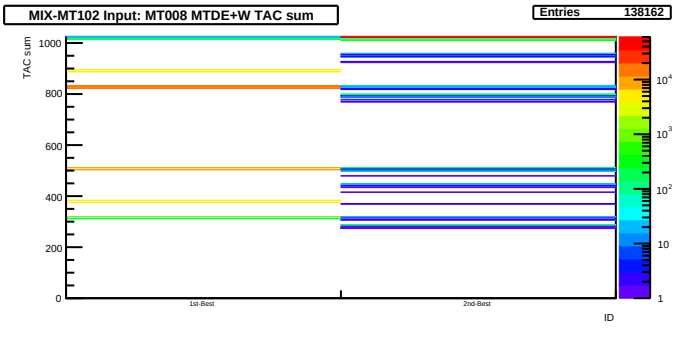

MIX-MT101 Input: VP003 Max TAC
Entries 69081

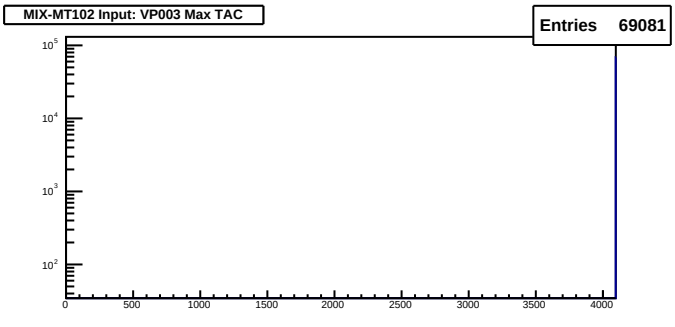

MIX-MT101 Input: VP004 Max TAC
Entries 69081

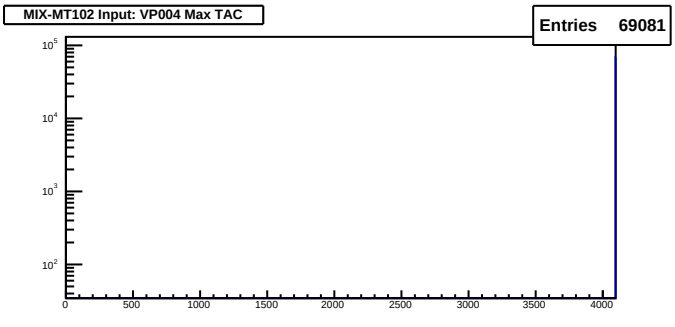

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 138162
TAC sum
1st-Best
2nd-Best
ID

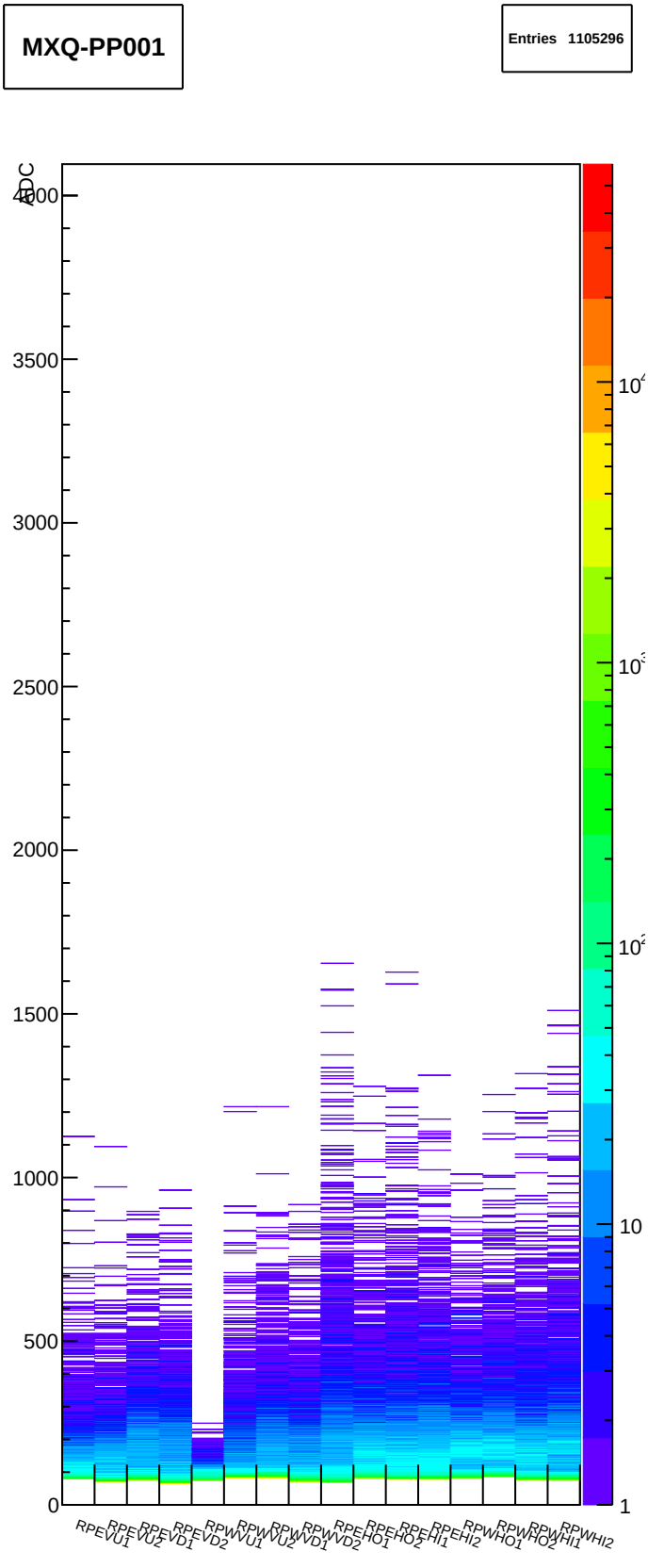

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 138162
TAC sum
1st-Best
2nd-Best
ID

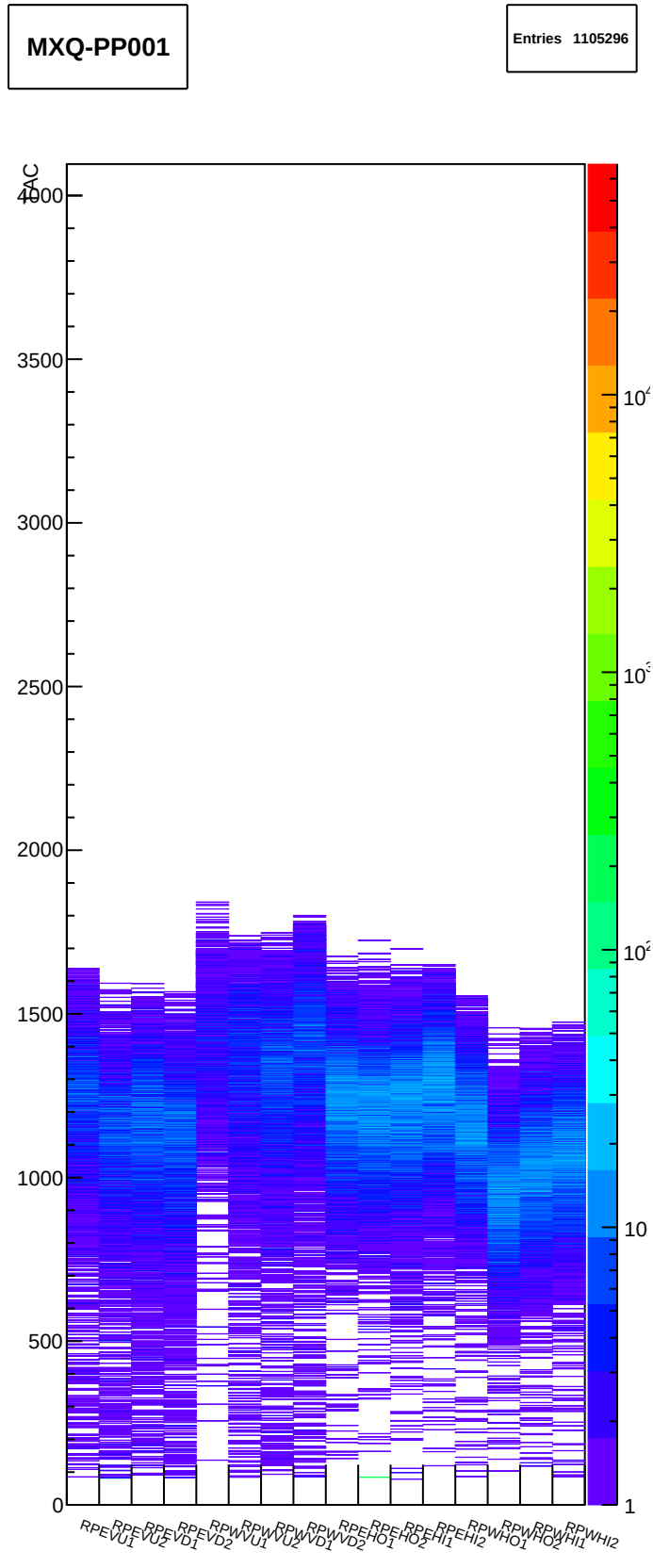

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 138162
TAC sum
1st-Best
2nd-Best
ID

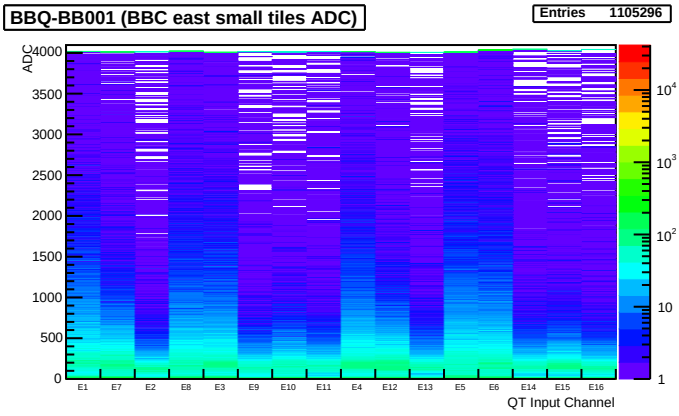

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 138162
TAC sum
1st-Best
2nd-Best
ID

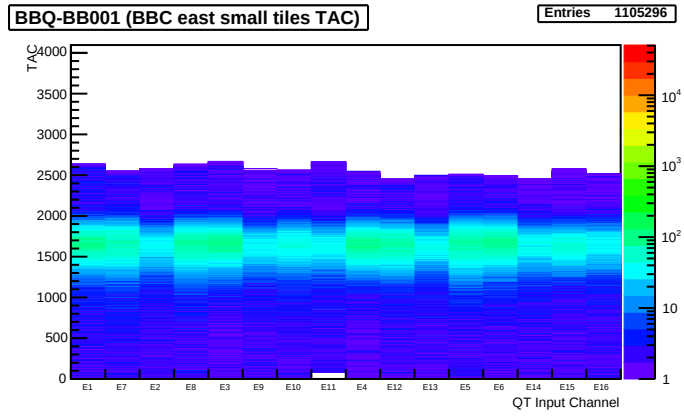

MIX-MT102 Input: VP003 Max TAC
Entries 69081

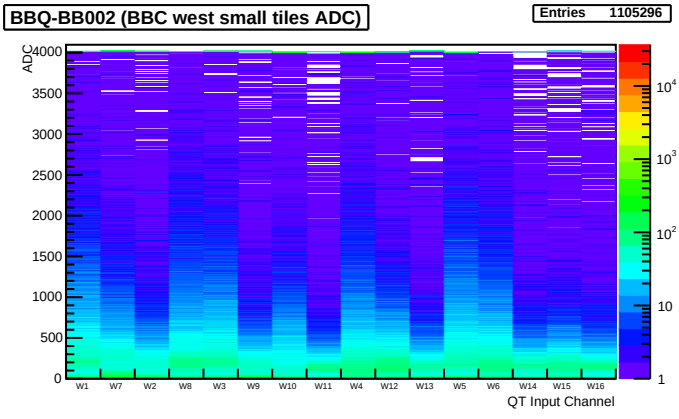

MIX-MT102 Input: VP004 Max TAC
Entries 69081

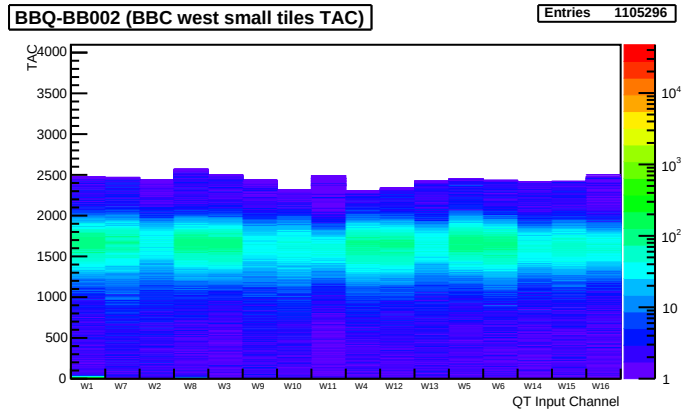

MXQ-PP001
Entries 1105296
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

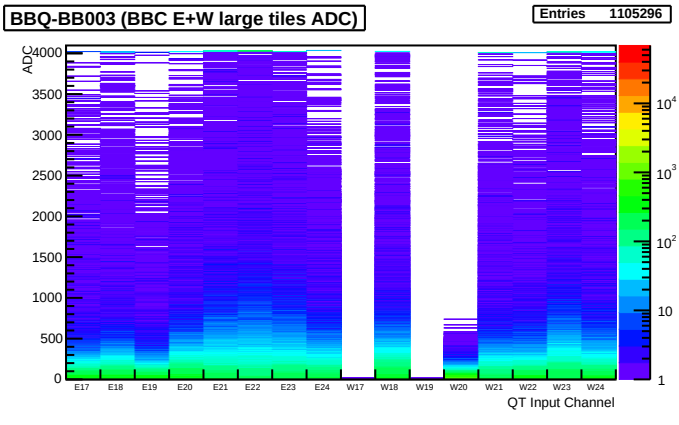

MXQ-PP001
Entries 1105296
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

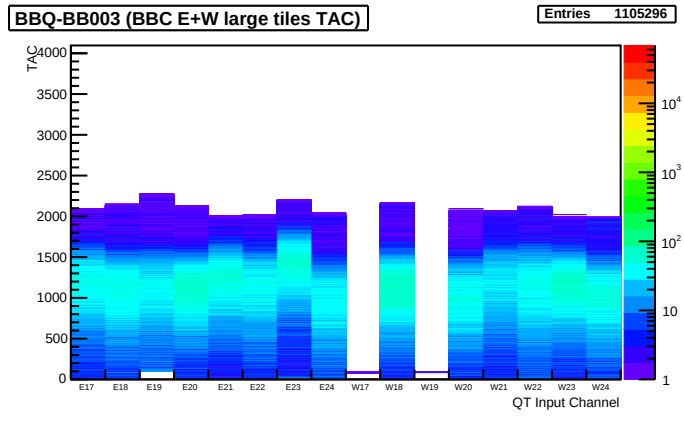

BBQ-BB001 (BBC east small tiles ADC)
Entries 1105296
ADC
QT Input Channel

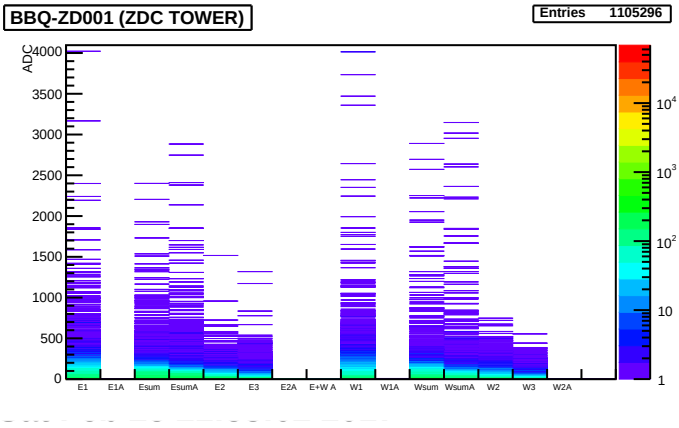

BBQ-BB001 (BBC east small tiles TAC)
Entries 1105296
TAC
QT Input Channel

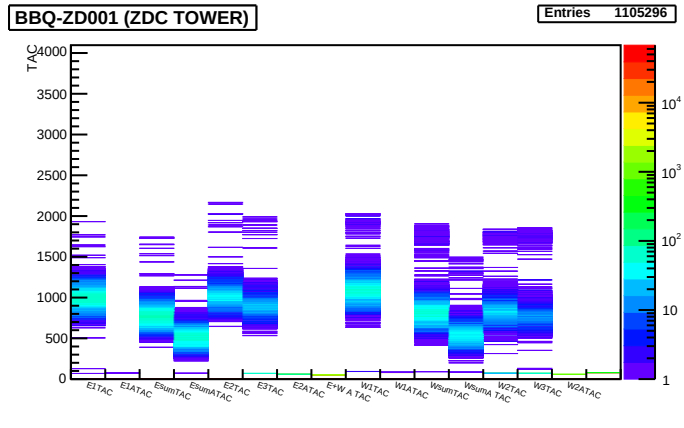

BBQ-BB002 (BBC west small tiles ADC)
Entries 1105296
ADC
QT Input Channel

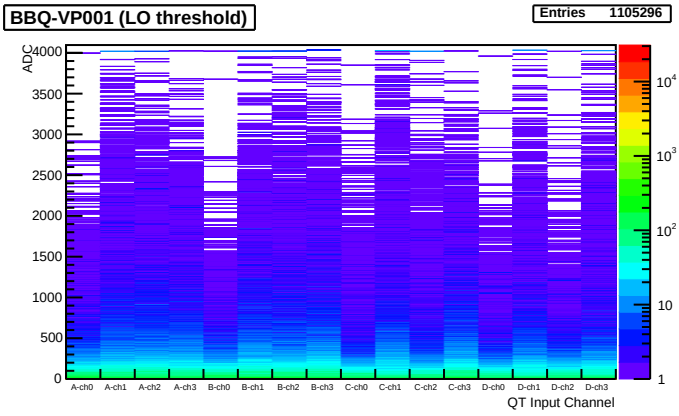

BBQ-BB002 (BBC west small tiles TAC)
Entries 1105296
TAC
QT Input Channel

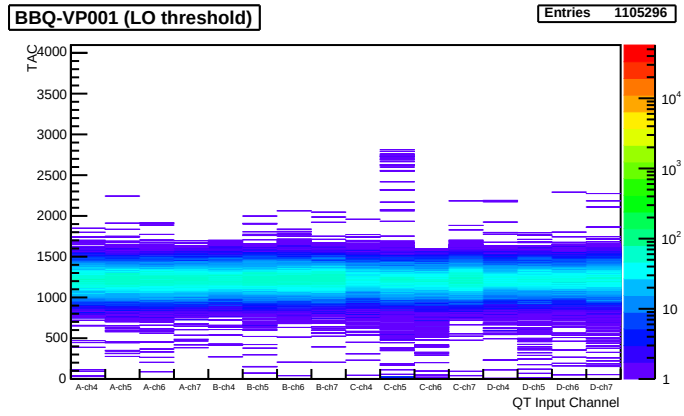

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1105296
ADC
QT Input Channel

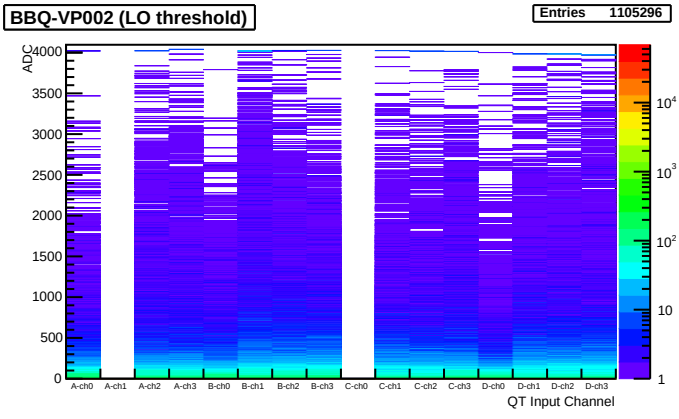

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1105296
TAC
QT Input Channel

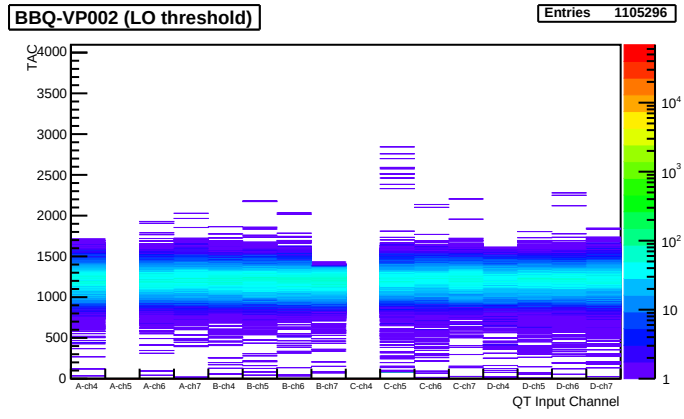

BBQ-ZD001 (ZDC TOWER)
Entries 1105296
ADC

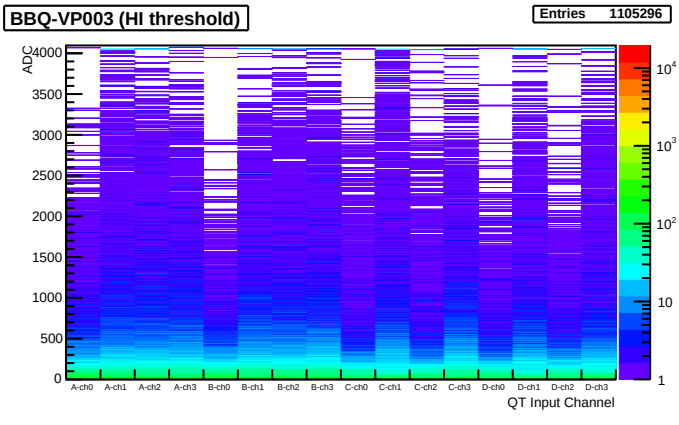

BBQ-ZD001 (ZDC TOWER)
Entries 1105296
TAC

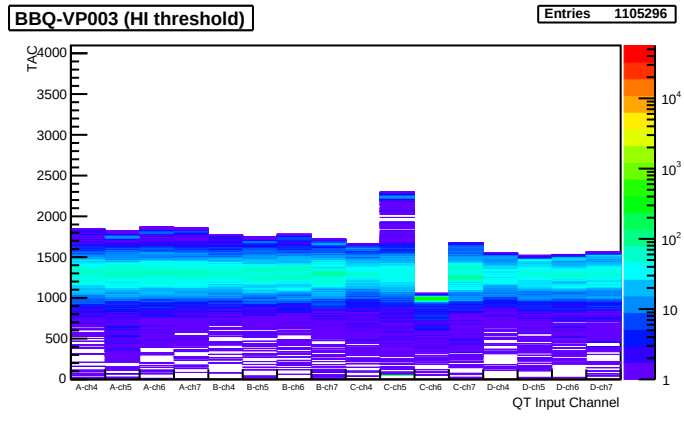

BBQ-VP001 (LO threshold)
Entries 1105296
ADC
QT Input Channel

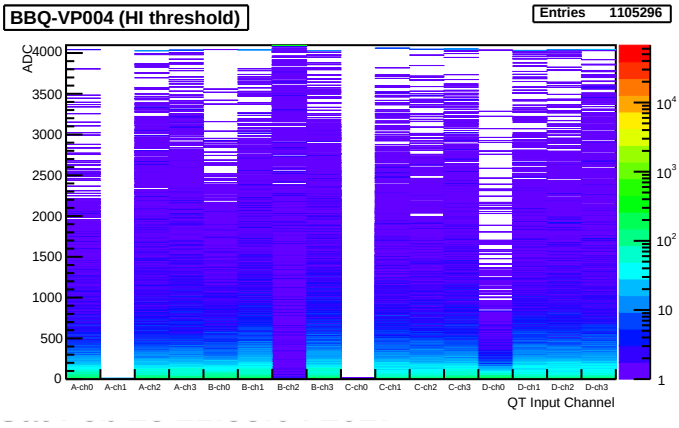

BBQ-VP001 (LO threshold)
Entries 1105296
TAC
QT Input Channel

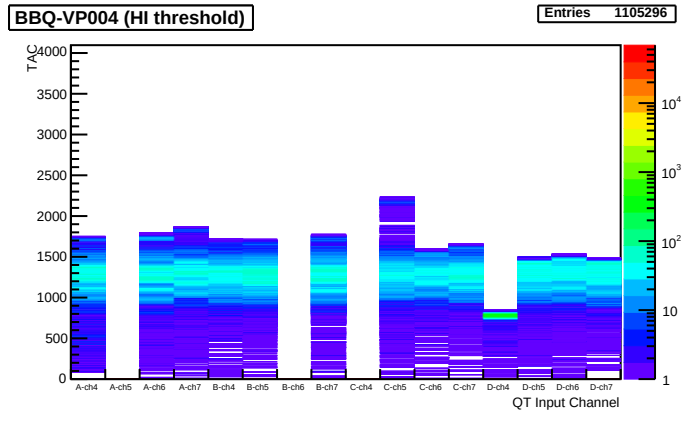

BBQ-VP002 (LO threshold)
Entries 1105296
ADC
QT Input Channel

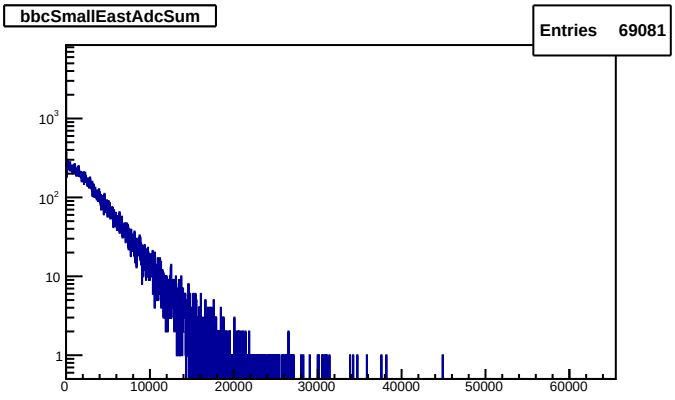

BBQ-VP002 (LO threshold)
Entries 1105296
TAC
QT Input Channel

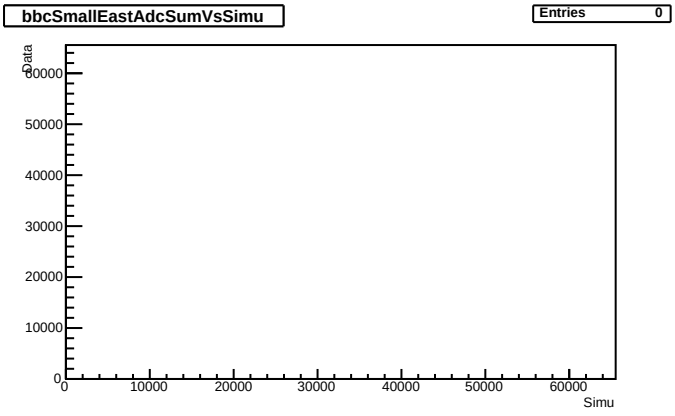

BBQ-VP003 (HI threshold)
Entries 1105296
ADC
QT Input Channel

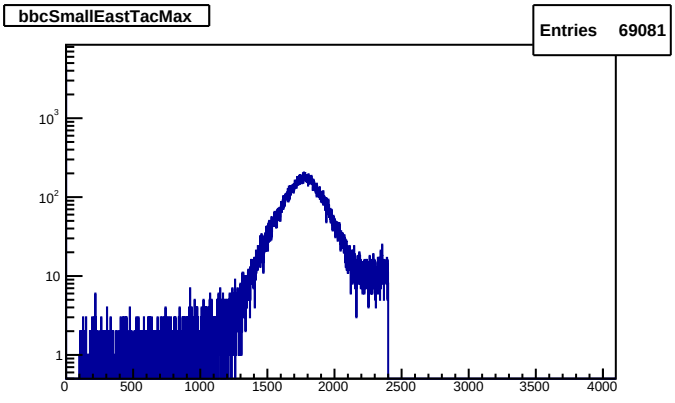

BBQ-VP003 (HI threshold)
Entries 1105296
TAC
QT Input Channel

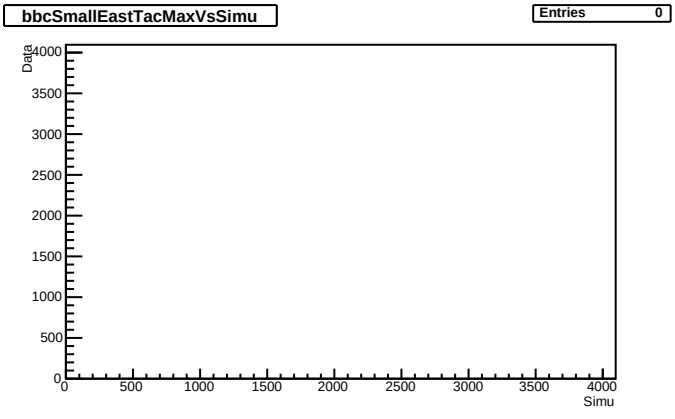

BBQ-VP004 (HI threshold)
Entries 1105296
ADC
QT Input Channel

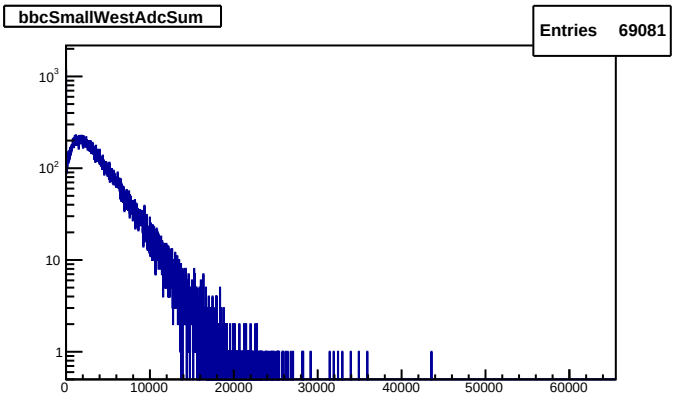

BBQ-VP004 (HI threshold)
Entries 1105296
TAC
QT Input Channel

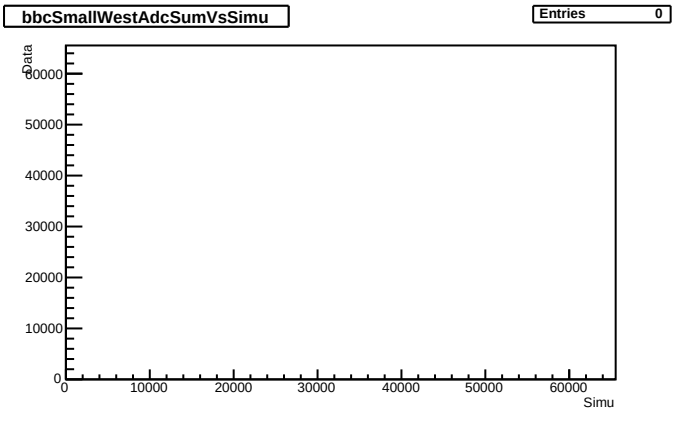

bbcSmallEastAdcSum
Entries 69081

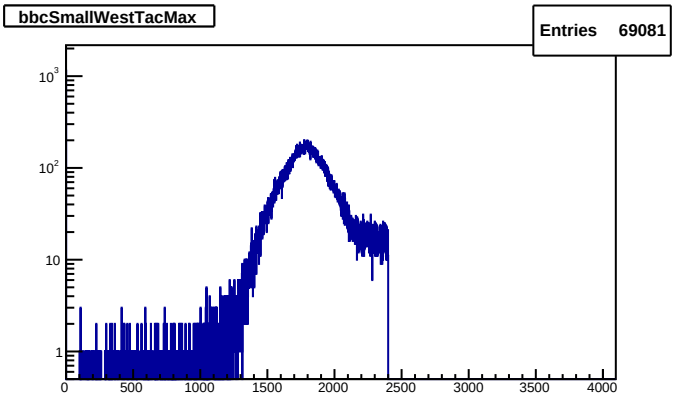

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

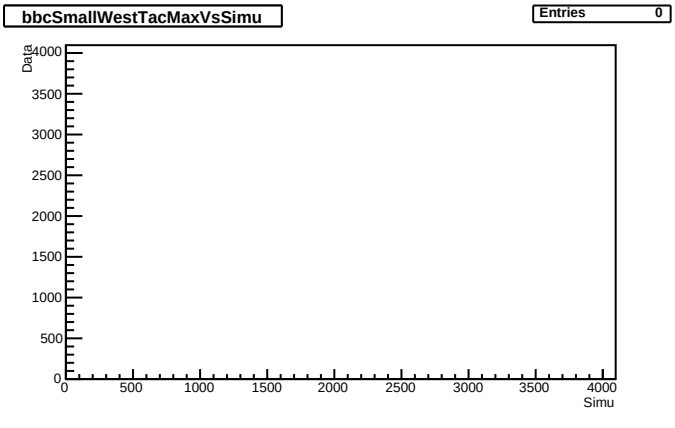

bbcSmallEastTacMax
Entries 69081

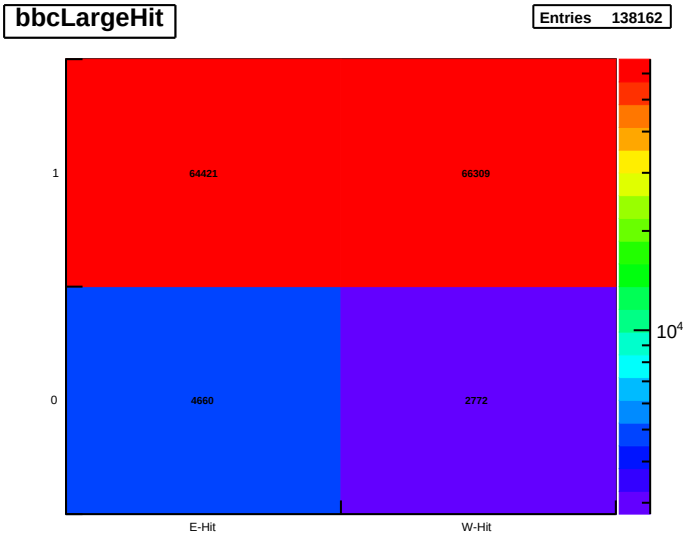

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

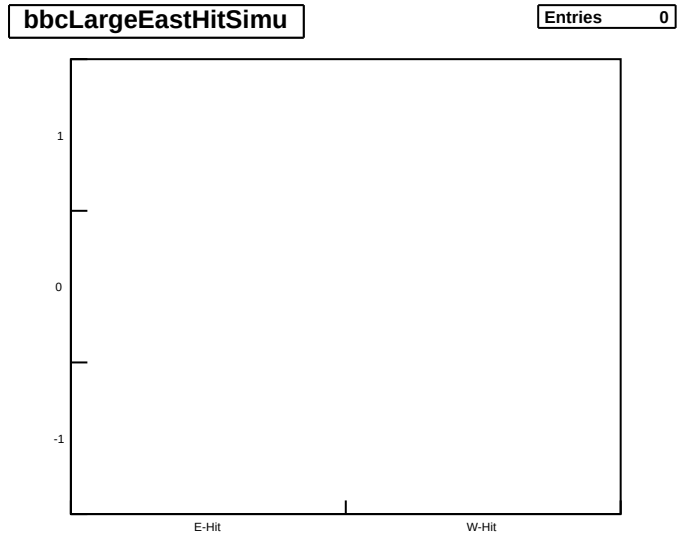

bbcSmallWestAdcSum
Entries 69081

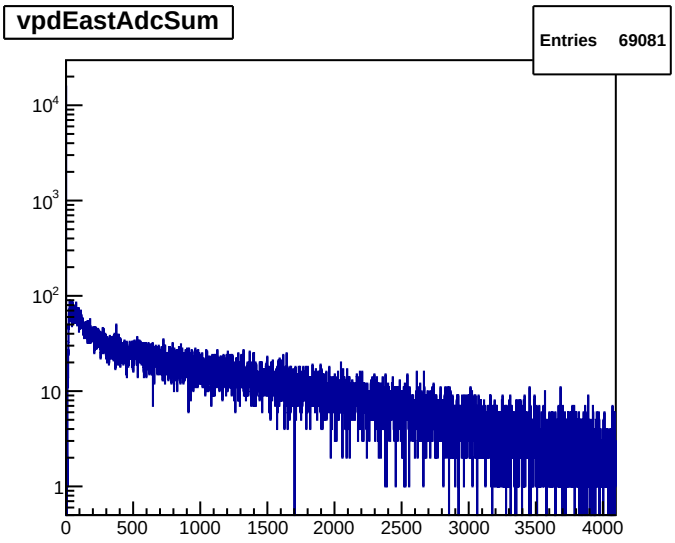

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

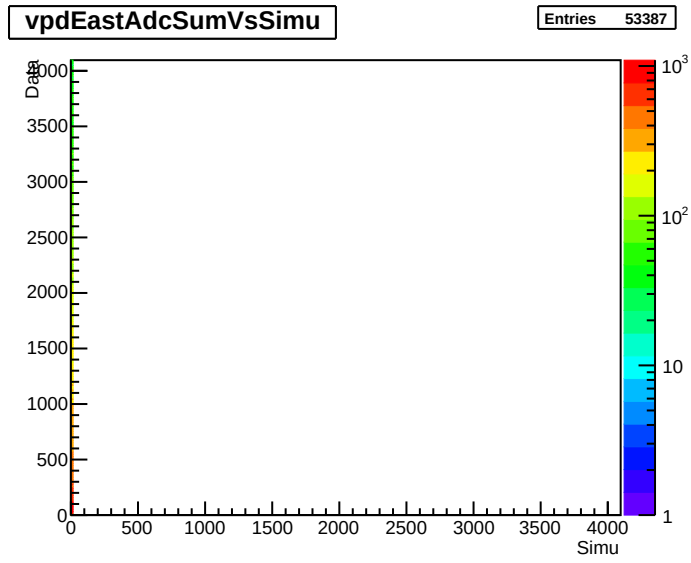

bbcSmallWestTacMax
Entries 69081

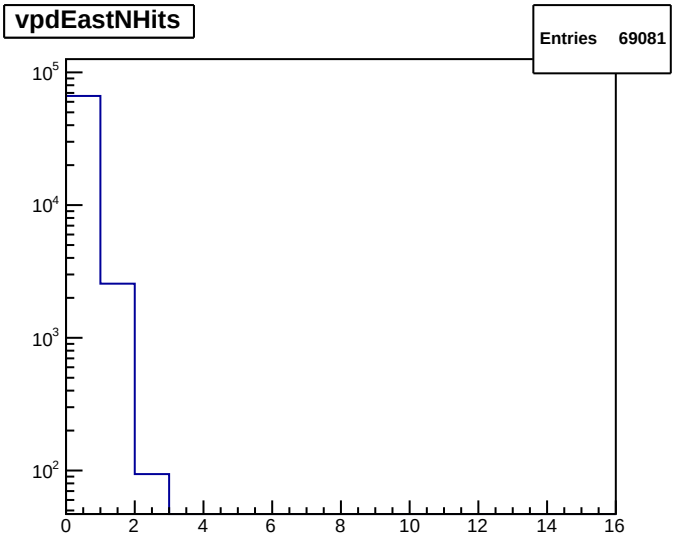

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

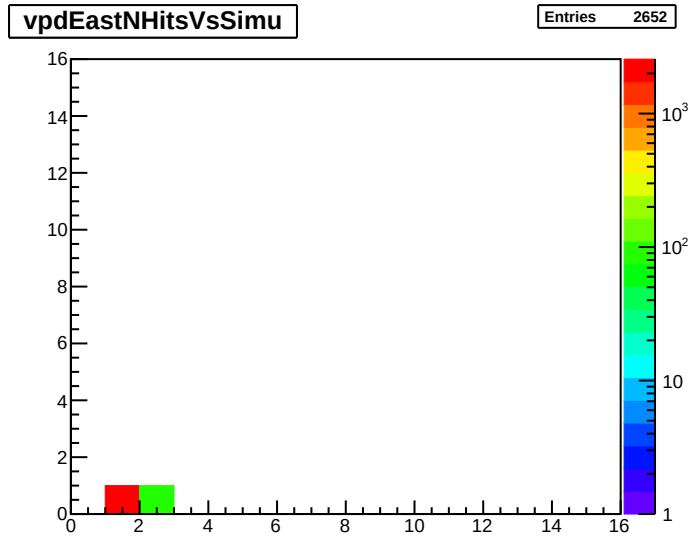

bbcLargeHit
Entries 138162
1
0
64421
66309
4660
2772
E-Hit
W-Hit
10^4

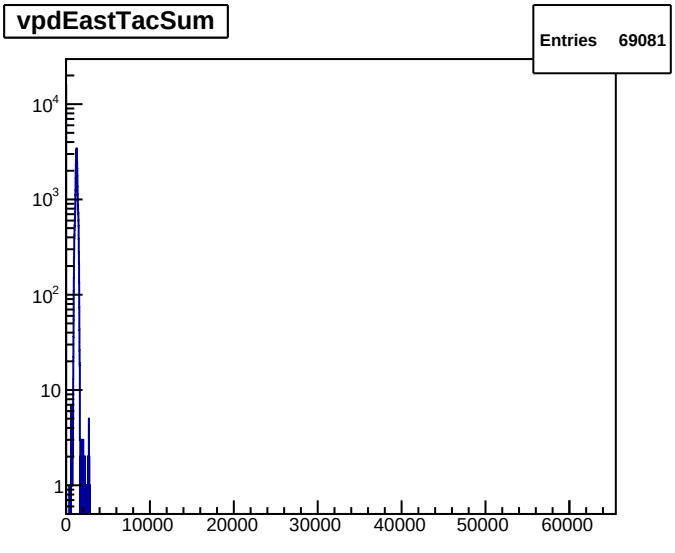

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

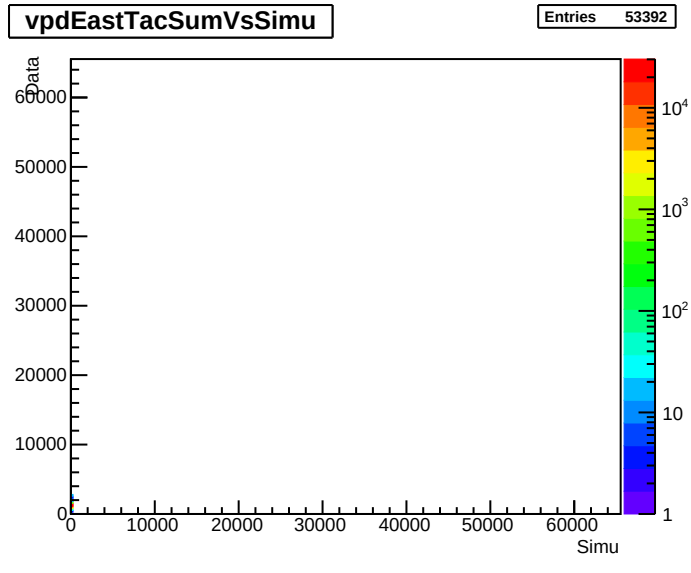

vpdEastAdcSum
Entries 69081

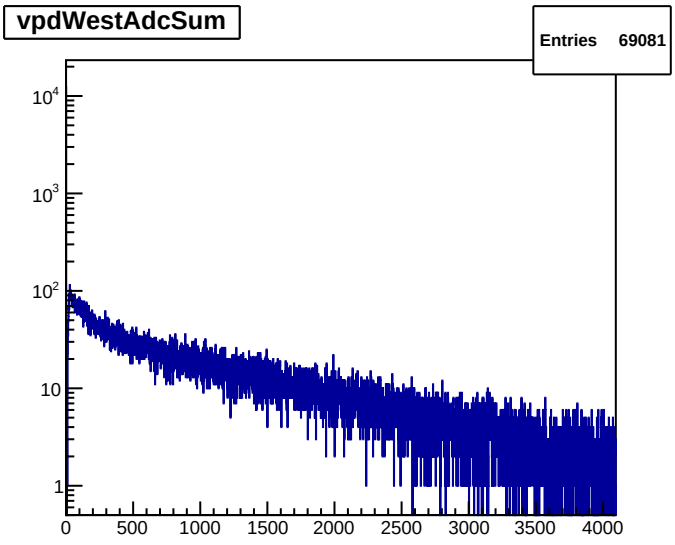

vpdEastAdcSumVsSimu
Entries 53387
Data
Simu

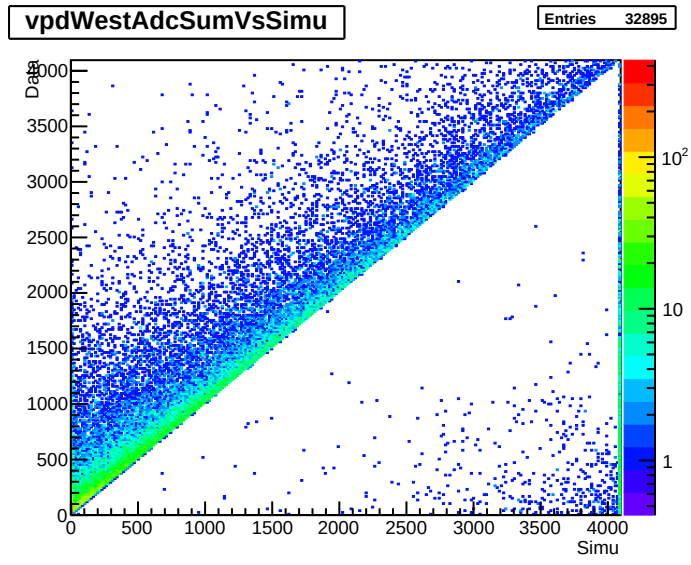

vpdEastNHits
Entries 69081

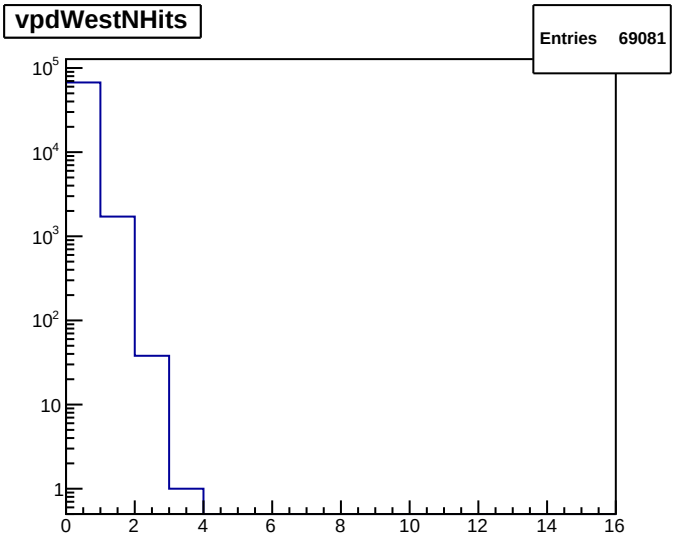

vpdEastNHitsVsSimu
Entries 2652

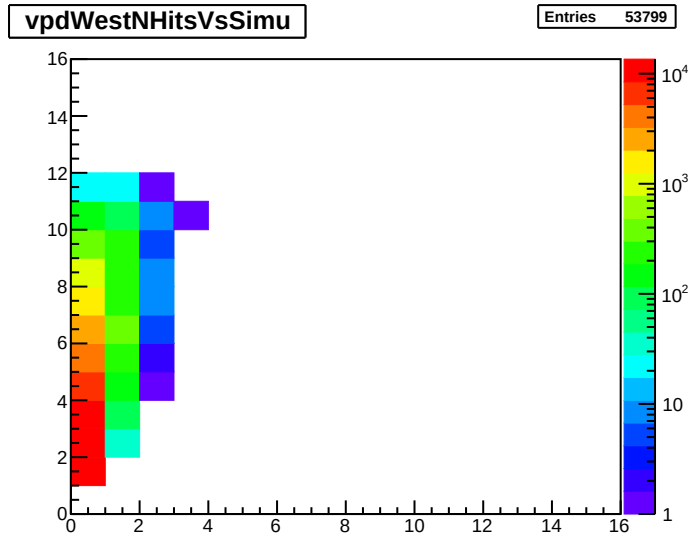

vpdEastTacSum
Entries 69081

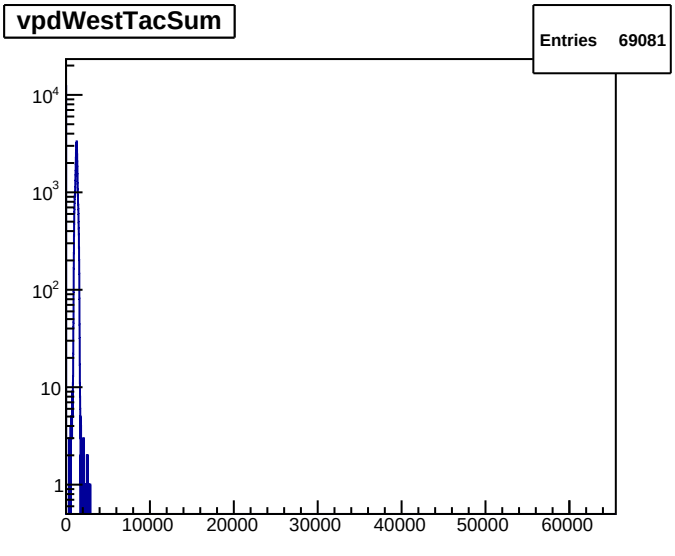

vpdEastTacSumVsSimu
Entries 53392
Data
Simu

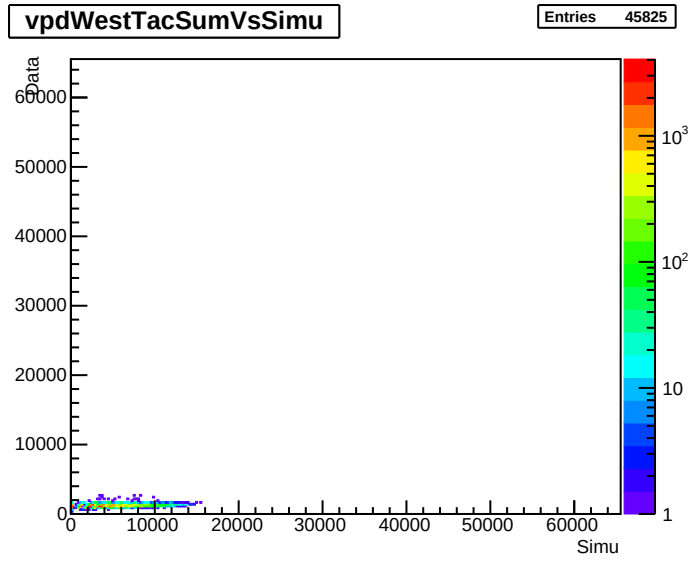

vpdWestAdcSum
Entries 69081

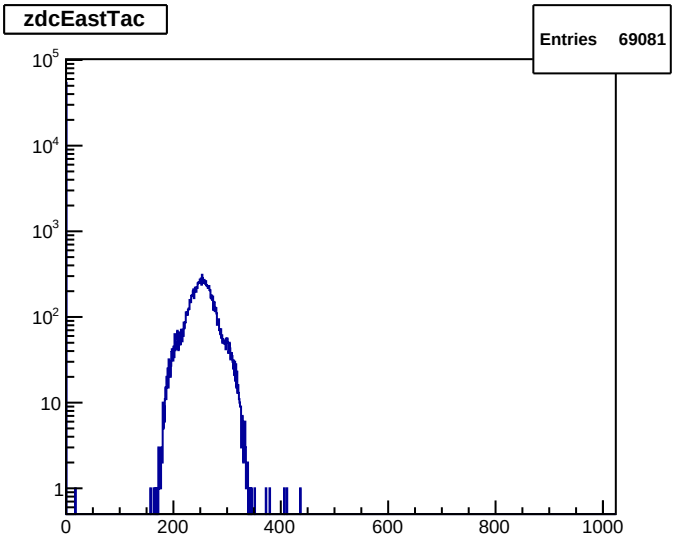

vpdWestAdcSumVsSimu
Entries 32895
Data
Simu

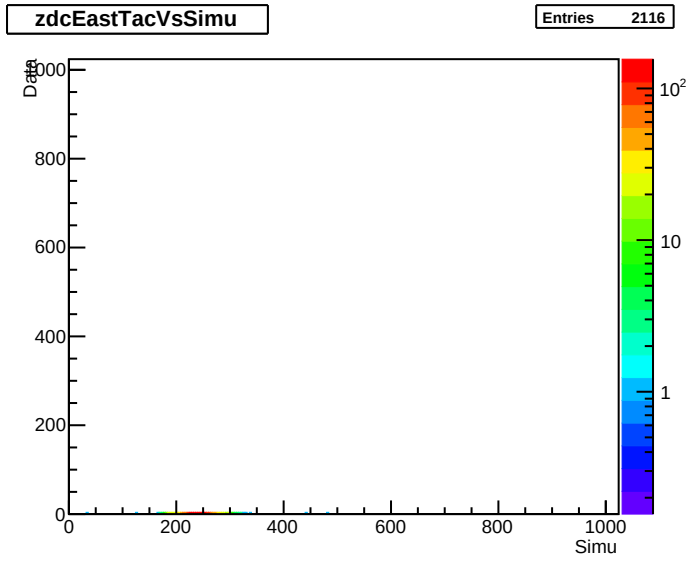

vpdWestNHits
Entries 69081

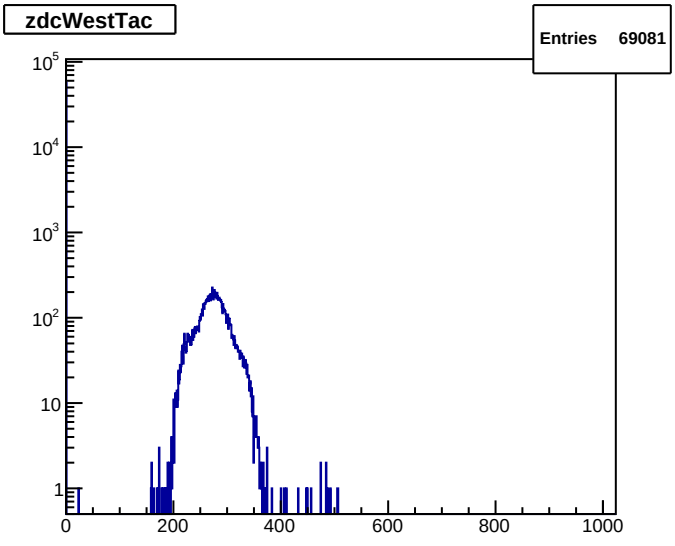

vpdWestNHitsVsSimu
Entries 53799

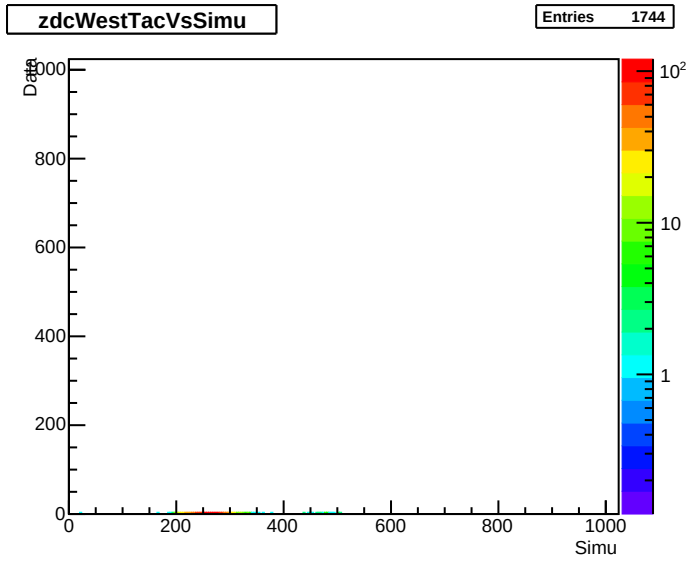

vpdWestTacSum
Entries 69081

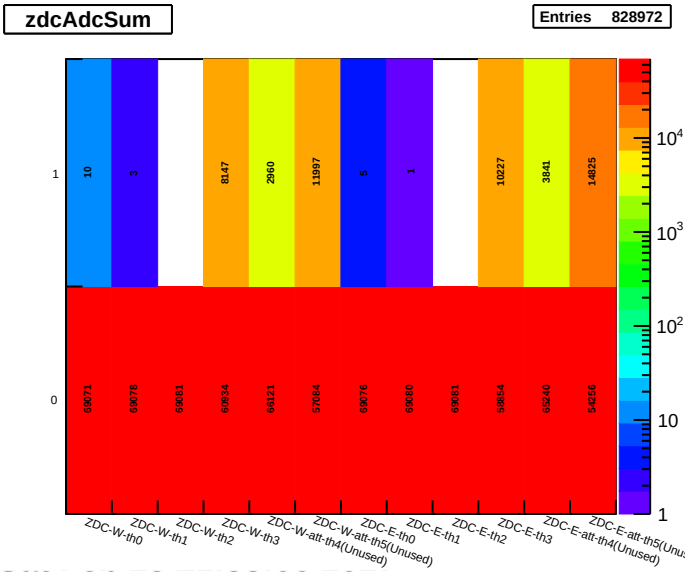

vpdWestTacSumVsSimu
Entries 45825
Data
Simu

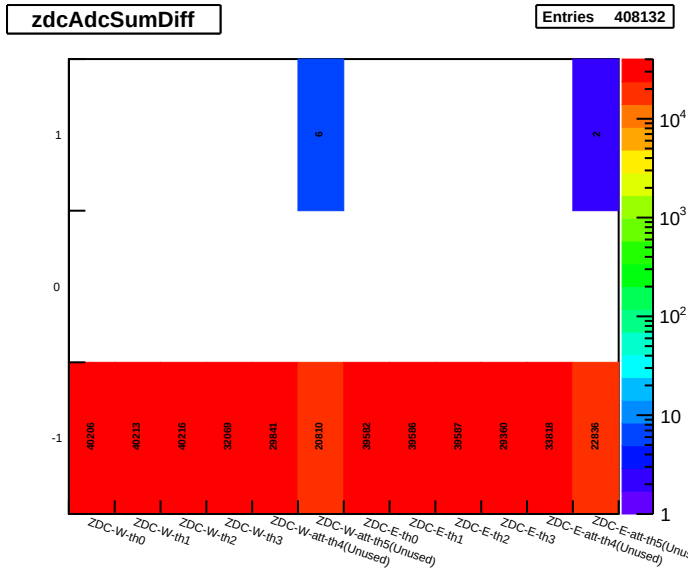

zdcEastTac
Entries 69081

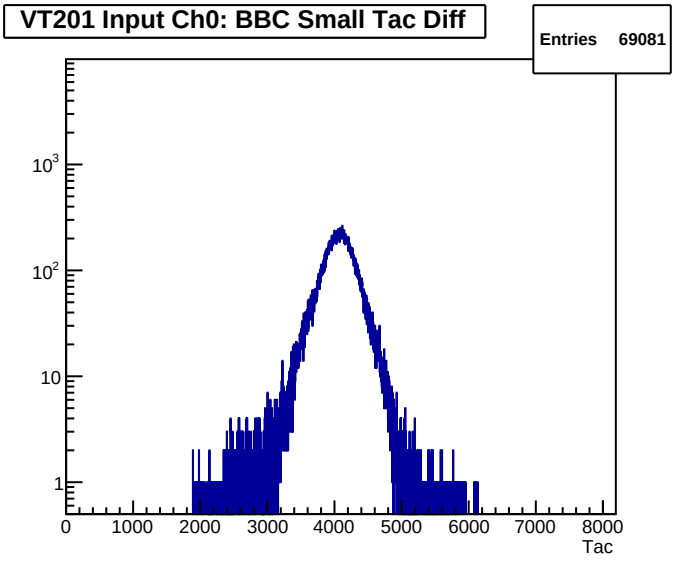

zdcEastTacVsSimu
Entries 2116
Data
Simu

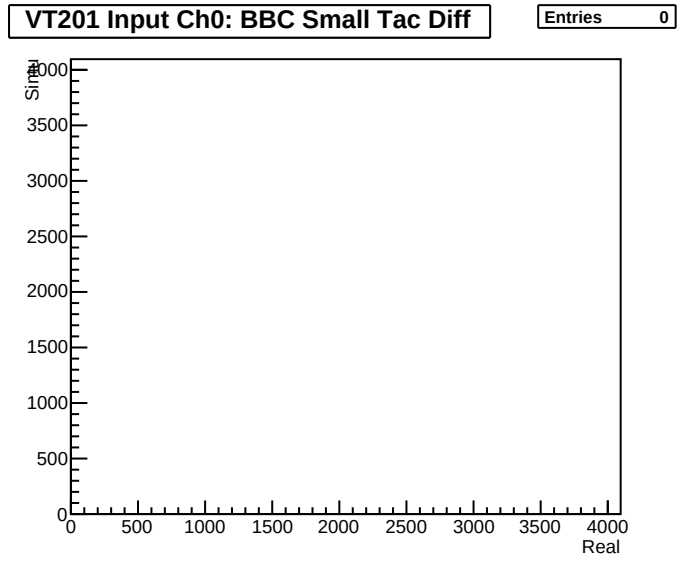

zdcWestTac
Entries 69081

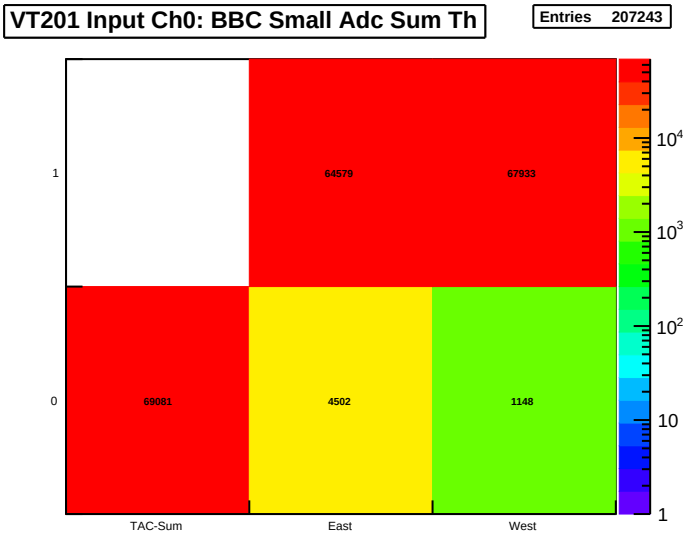

zdcWestTacVsSimu
Entries 1744
Data
Simu

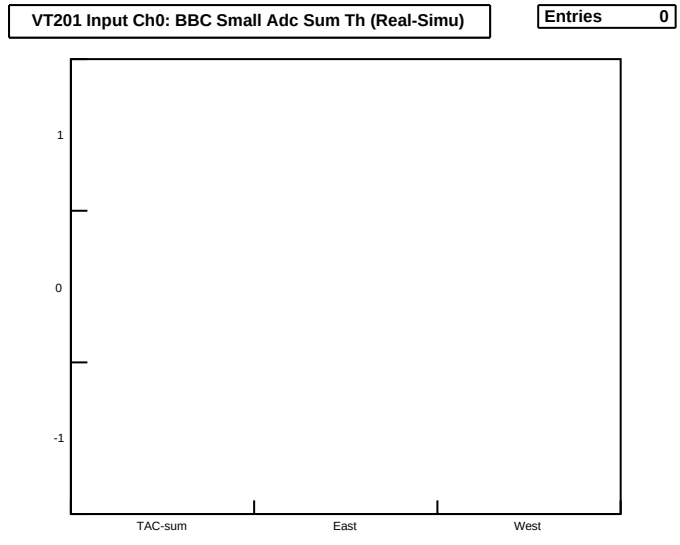

zdcAdcSum
Entries 828972
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

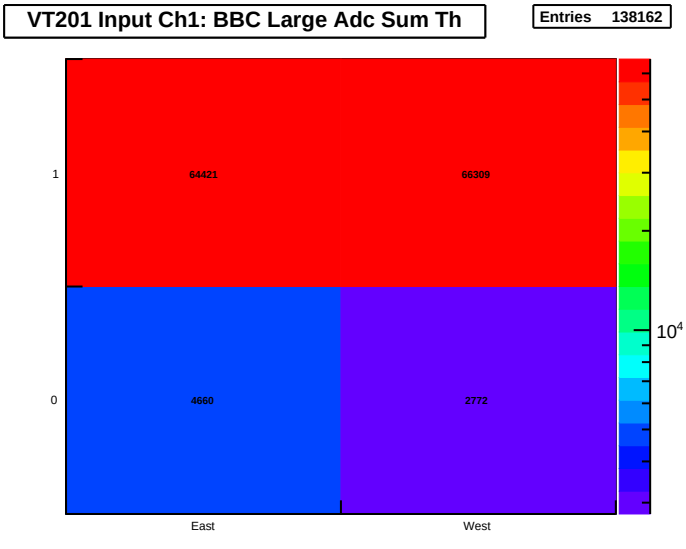

zdcAdcSumDiff
Entries 408132
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

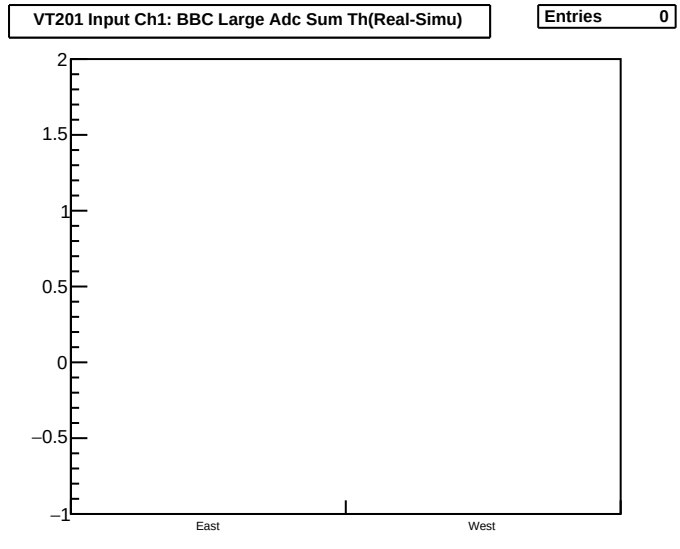

VT201 Input Ch0: BBC Small Tac Diff
Entries 69081
Tac


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

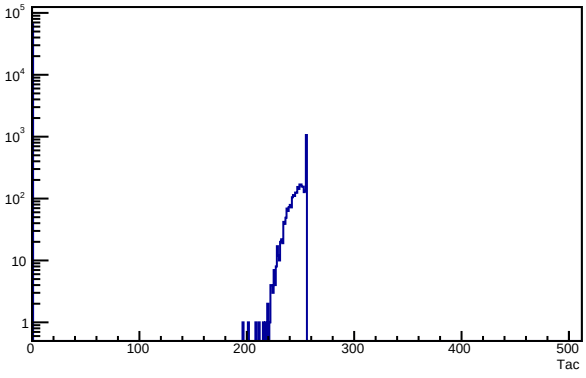

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 207243
64579
67933
69081
4502
1148
TAC-Sum
East
West


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

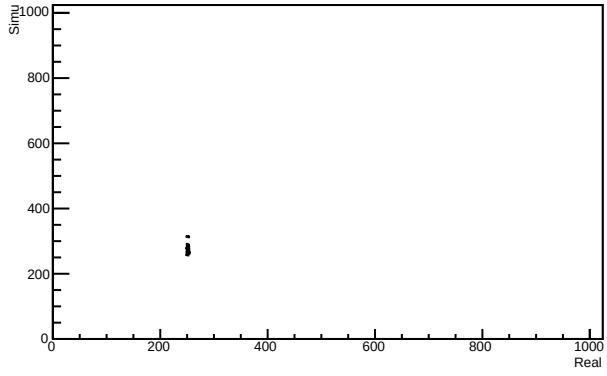

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 138162
64421
66309
4660
2772
East
West


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

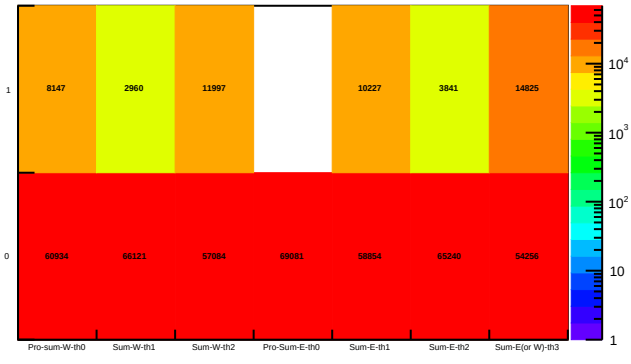
VT201 Input Ch2: ZDC Tac Diff



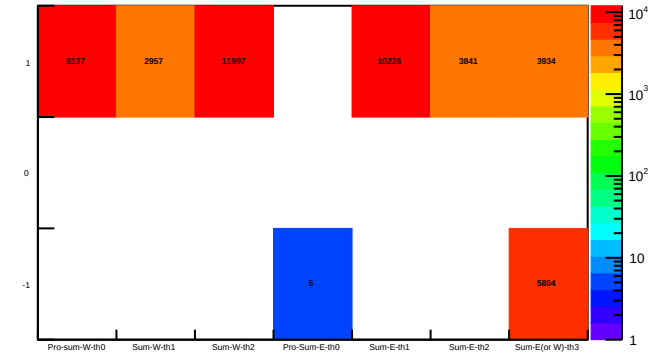
VT201 Input Ch2: ZDC Tac Diff



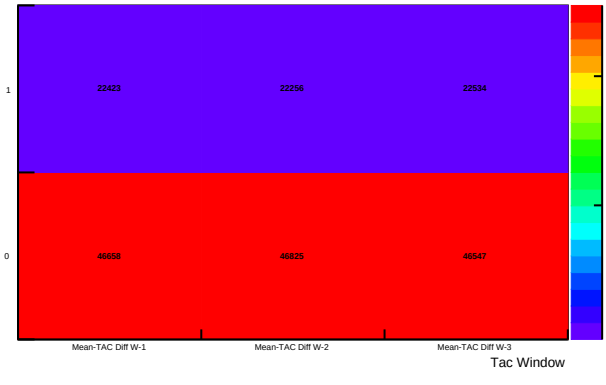
VT201 Input Ch2: ZDC Adc Sum Th



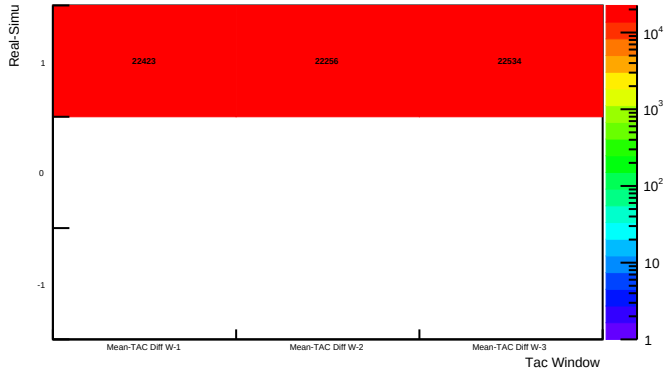
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



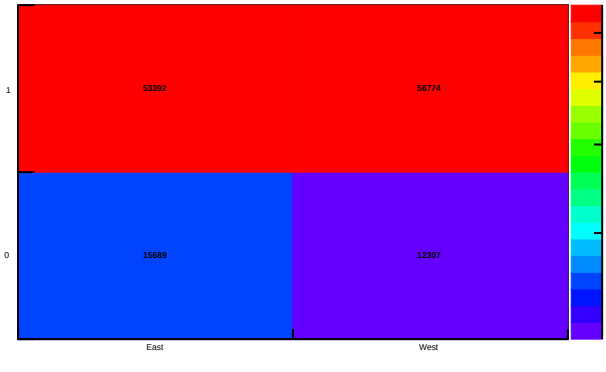
VT201 Input Ch4: VPD Tac Diff



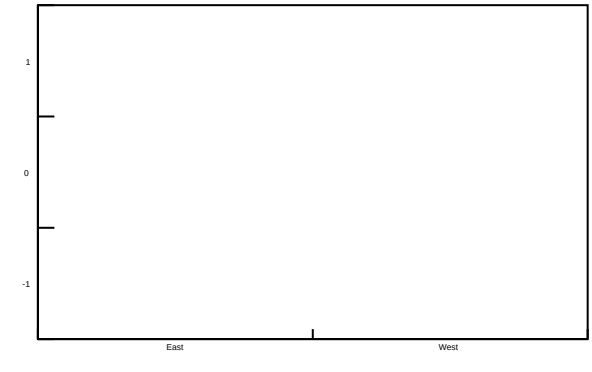
VT201 Input Ch4: VPD Tac Diff

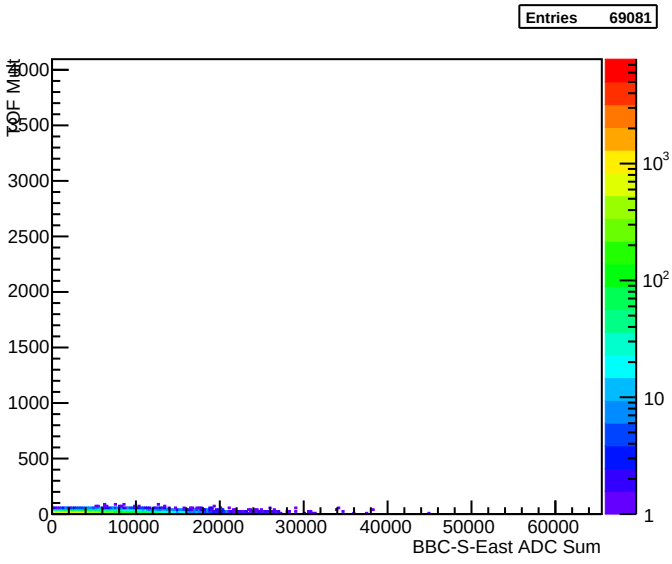


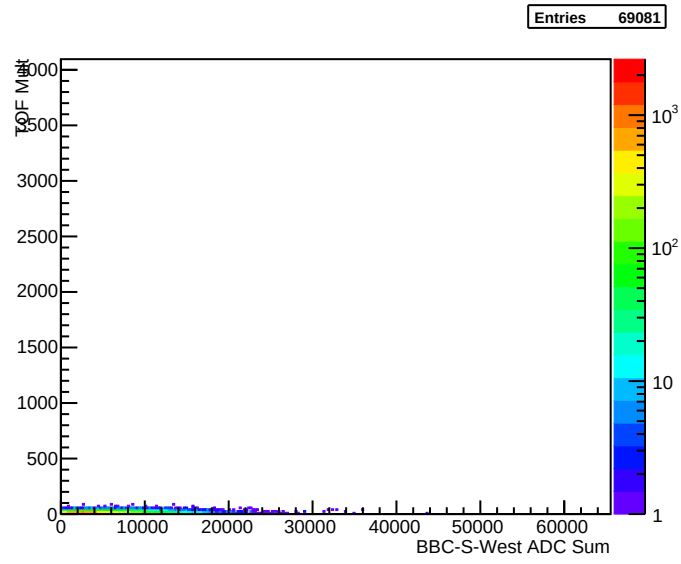
VT201 Input Ch4: VPD Adc Sum Th

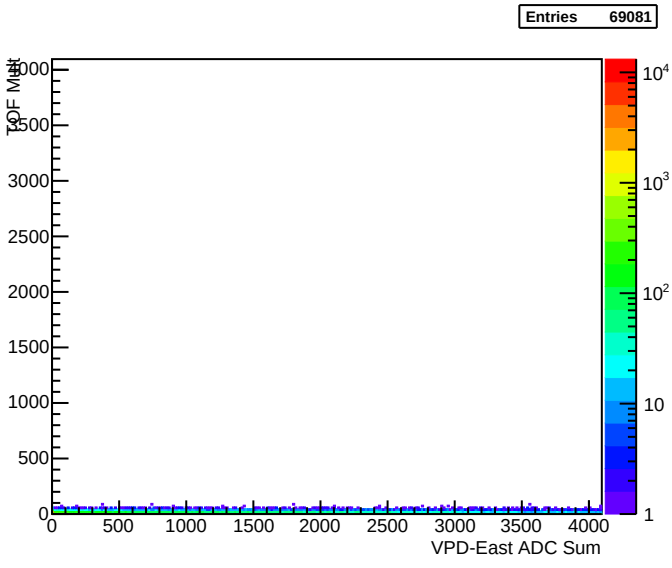


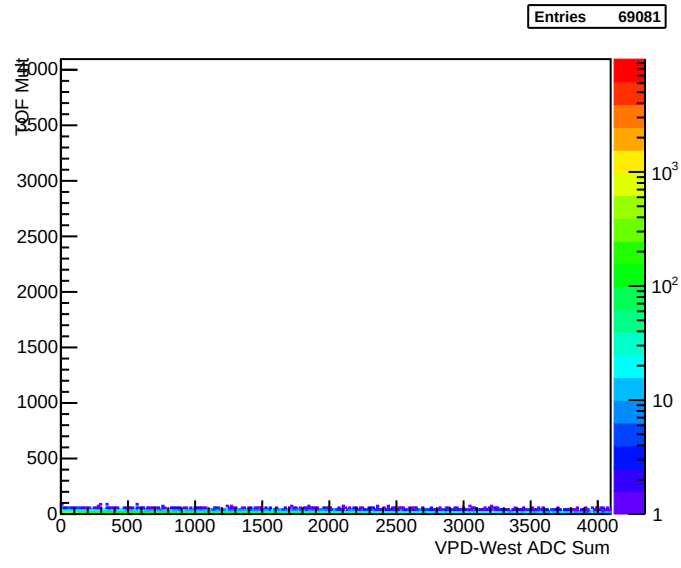
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

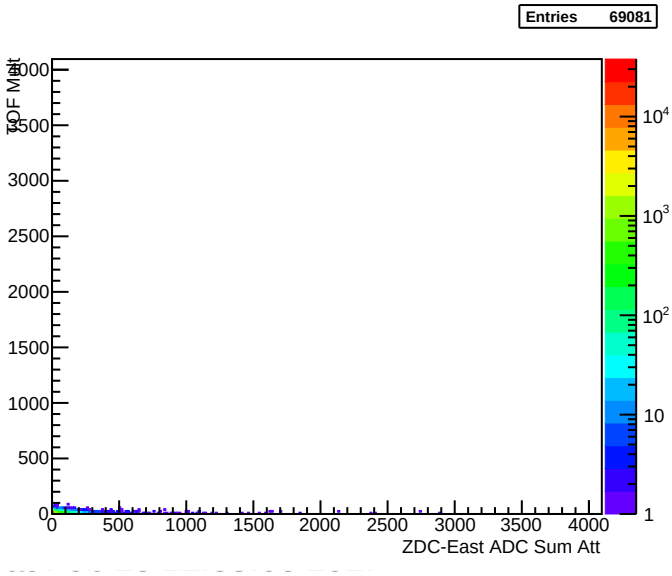


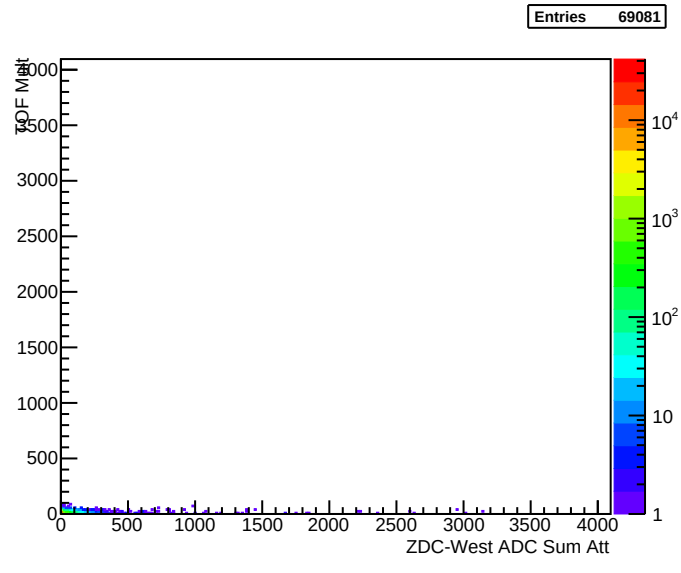

Entries 69081
TOF Mult
BBC-S-East ADC Sum

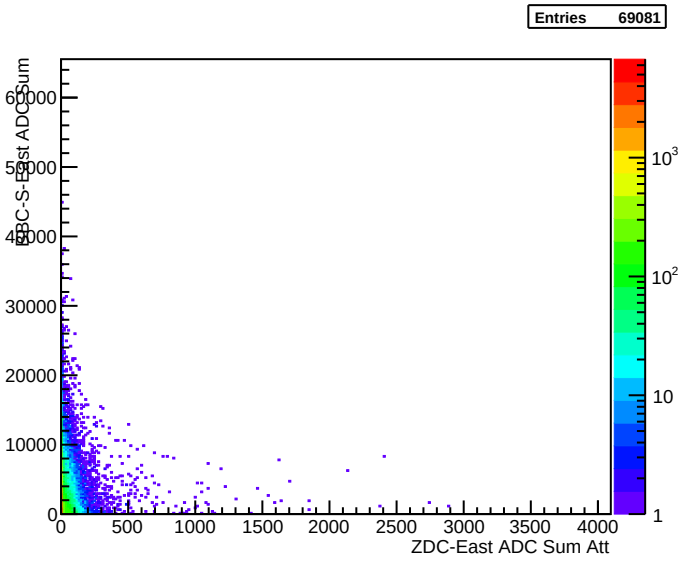

Entries 69081
TOF Mult
BBC-S-West ADC Sum

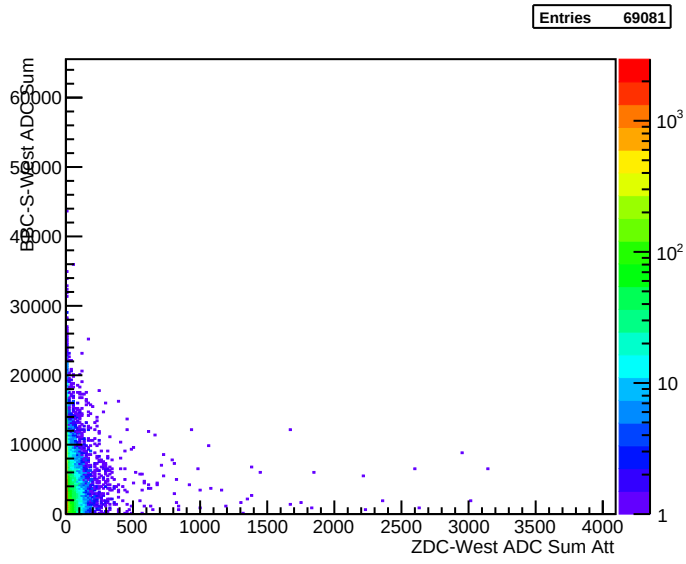

Entries 69081
TOF Mult
VPD-East ADC Sum

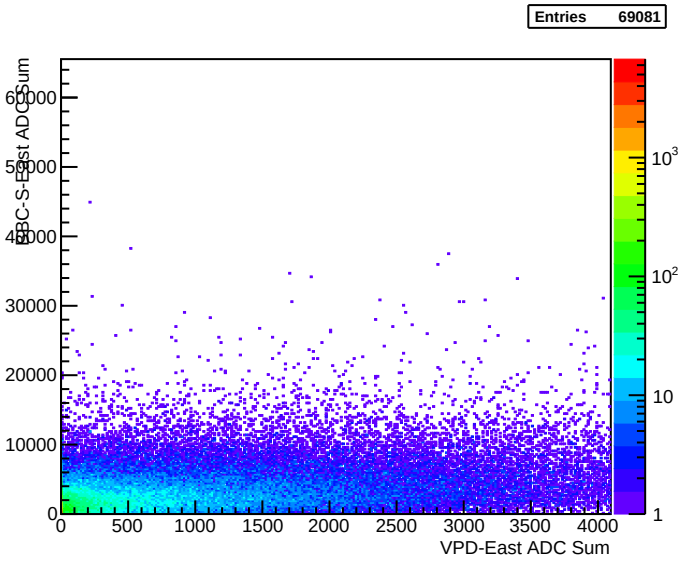

Entries 69081
TOF Mult
VPD-West ADC Sum

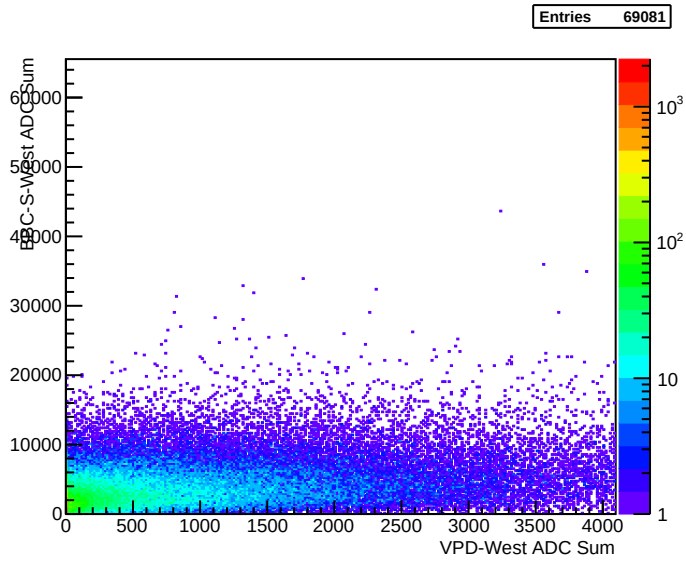

Entries 69081
TOF Mult
ZDC-East ADC Sum Att

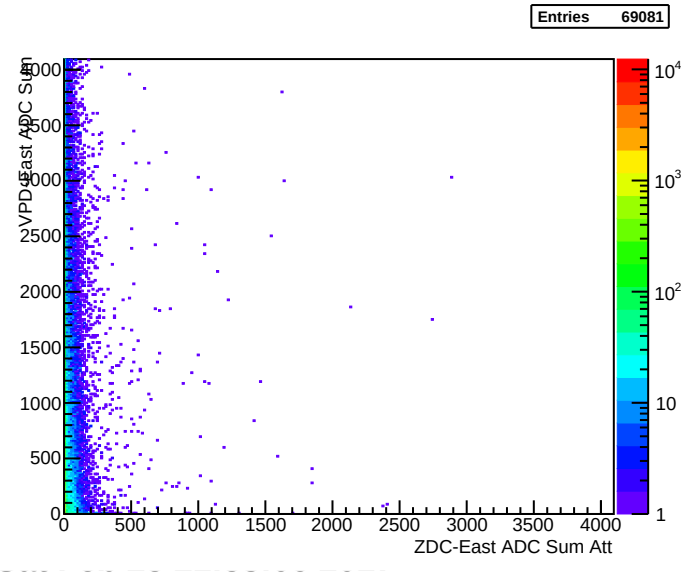

Entries 69081
TOF Mult
ZDC-West ADC Sum Att

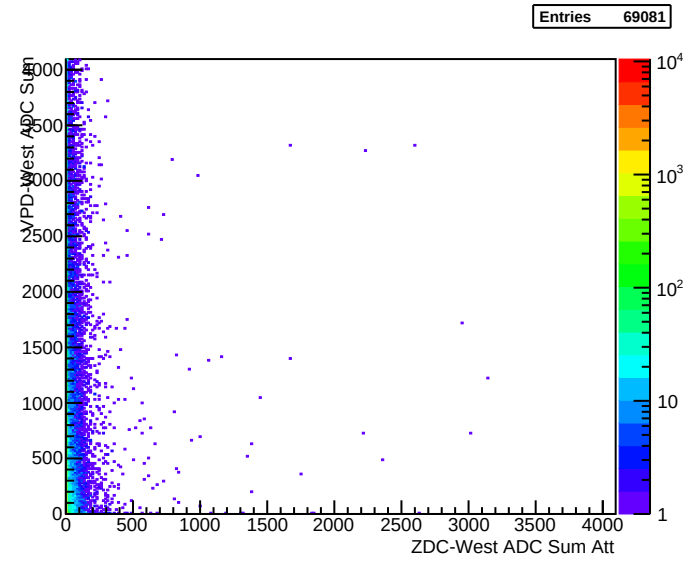

Entries 69081
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

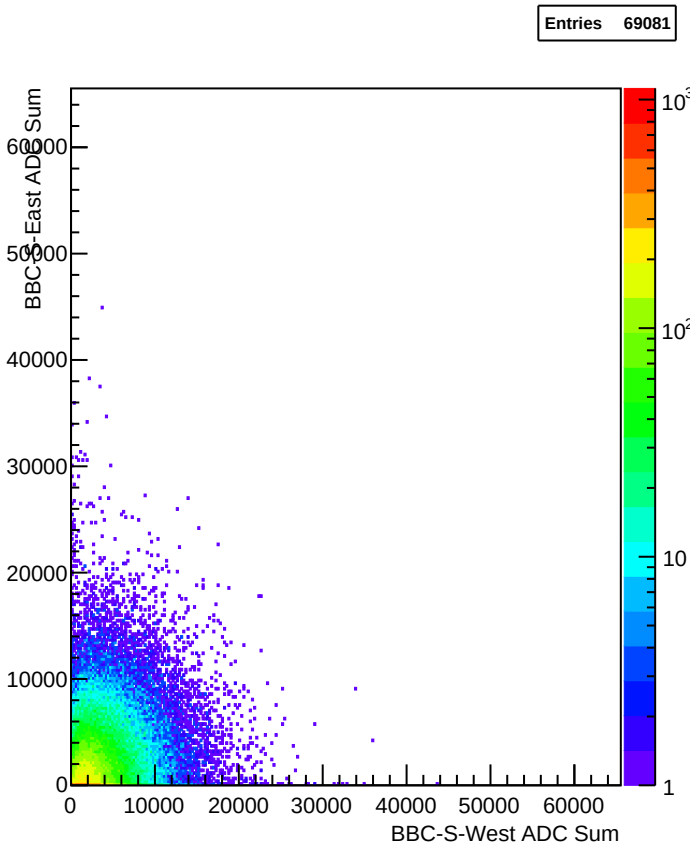

Entries 69081
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

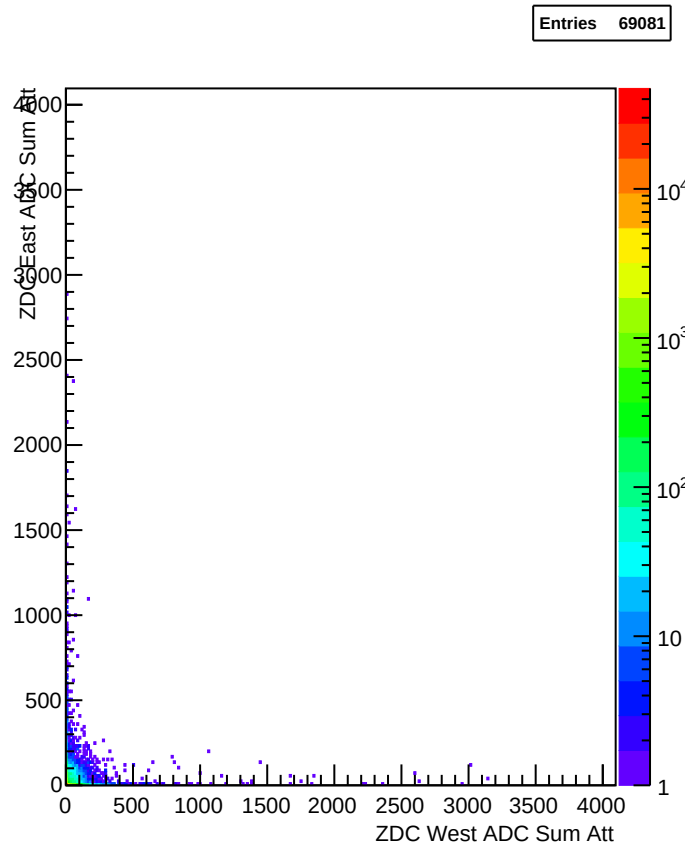

Entries 69081
BBC-S-East ADC Sum
VPD-East ADC Sum

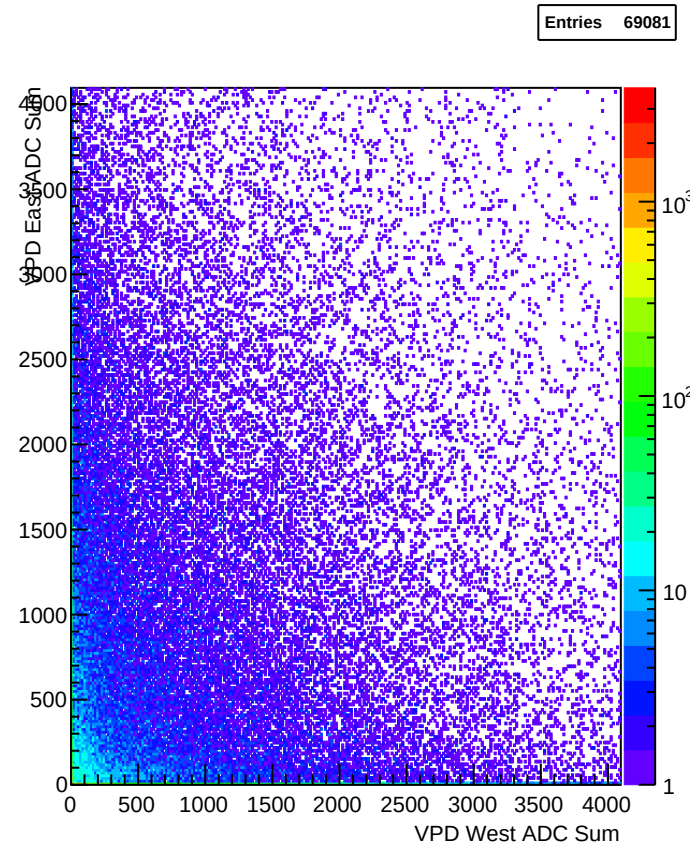

Entries 69081
BBC-S-West ADC Sum
VPD-West ADC Sum

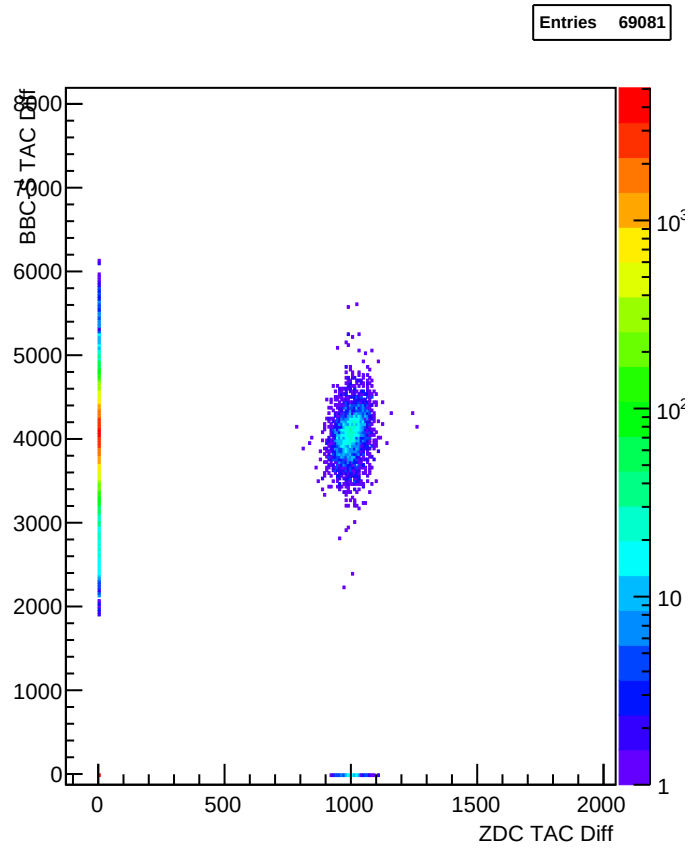

Entries 69081
VPD-East ADC Sum
ZDC-East ADC Sum Att

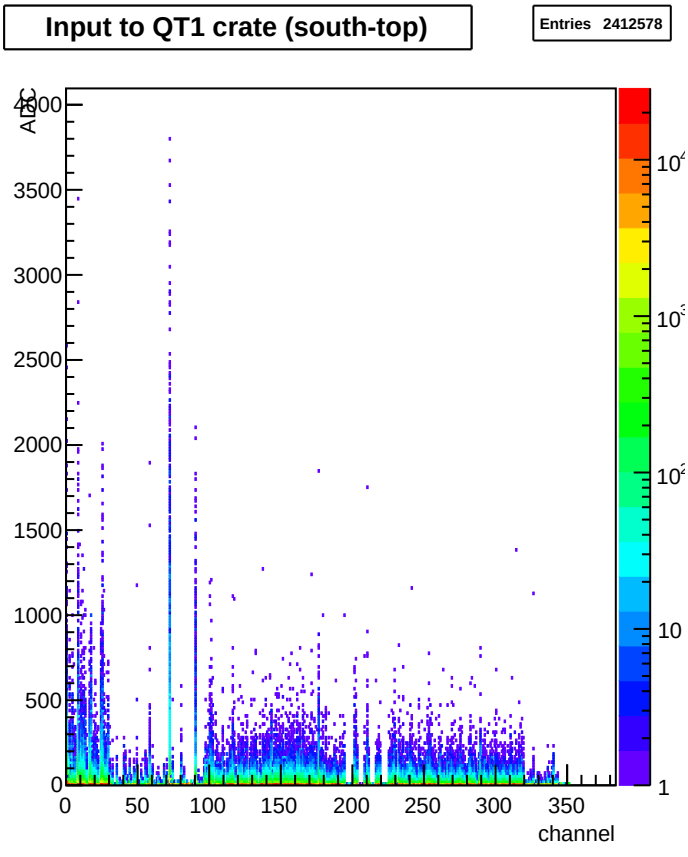

Entries 69081
VPD-West ADC Sum
ZDC-West ADC Sum Att

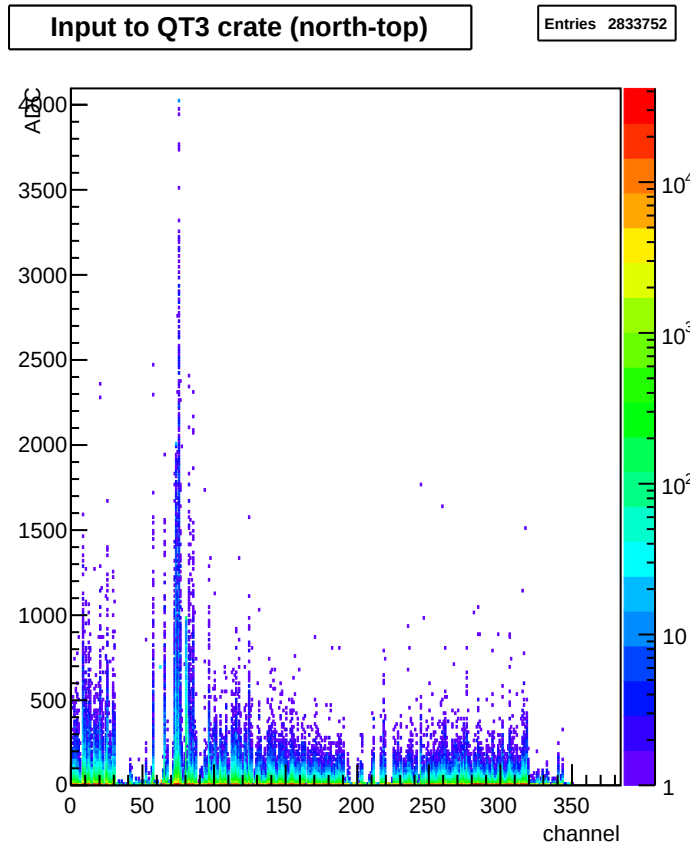

Entries 69081
BBC-S-East ADC Sum
BBC-S-West ADC Sum

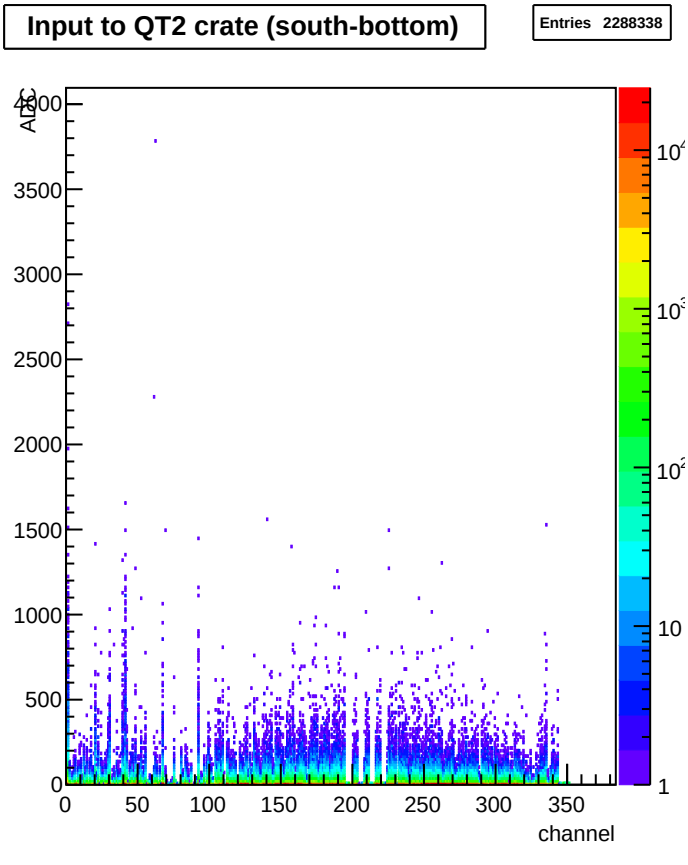

Entries 69081
ZDC East ADC Sum Att
ZDC West ADC Sum Att

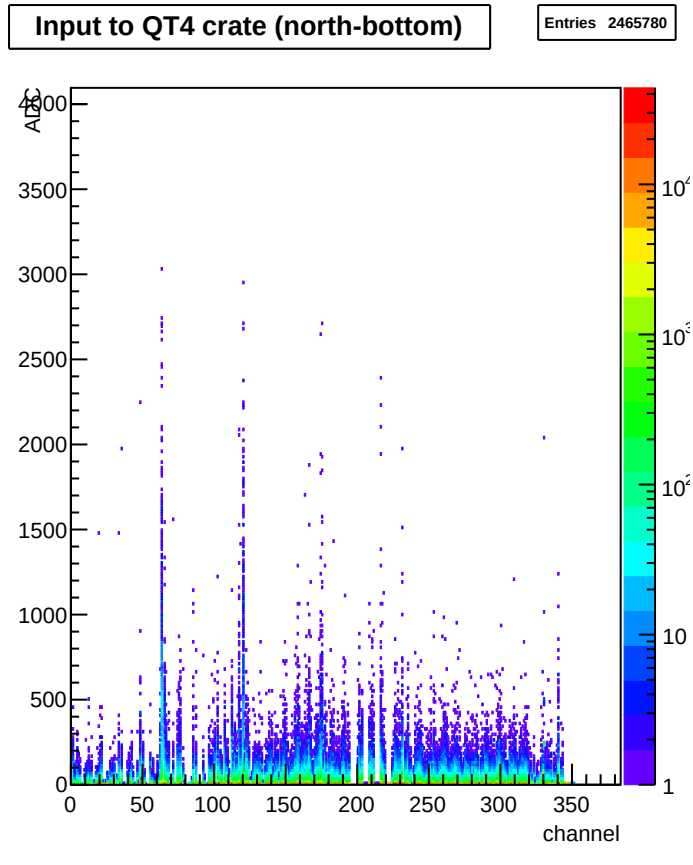

Entries 69081
VPD East ADC Sum
VPD West ADC Sum

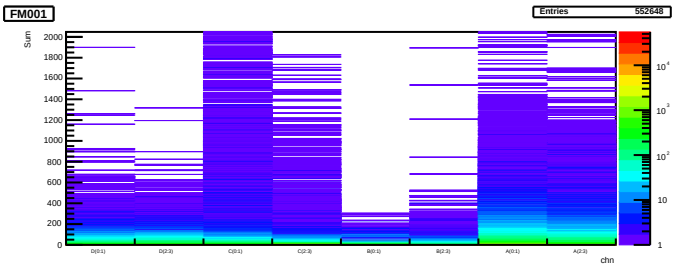

Entries 69081
BBC-S TAC Diff
ZDC TAC Diff

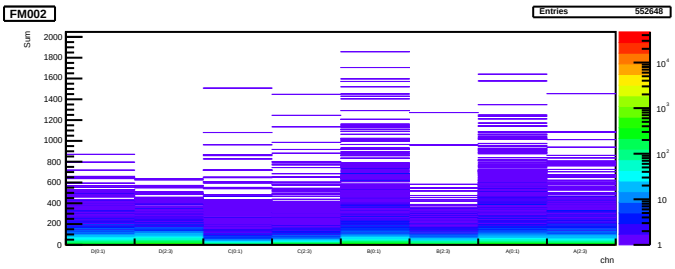

Input to QT1 crate (south-top)
Entries 2412578
ADC
channel

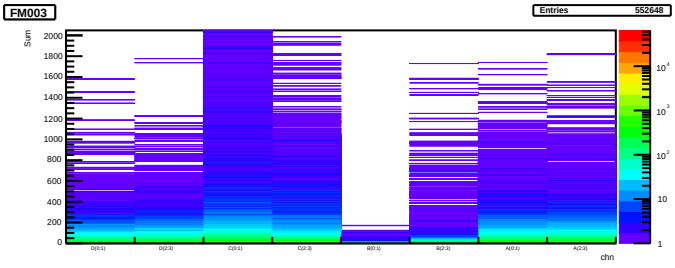

Input to QT3 crate (north-top)
Entries 2833752
ADC
channel

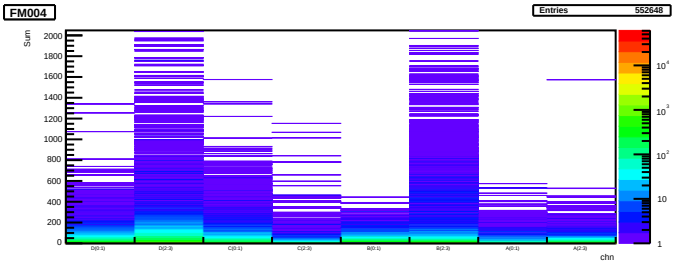

Input to QT2 crate (south-bottom)
Entries 2288338
ADC
channel

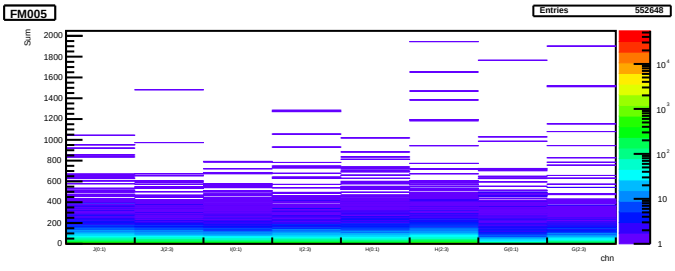

Input to QT4 crate (north-bottom)
Entries 2465780
ADC
channel

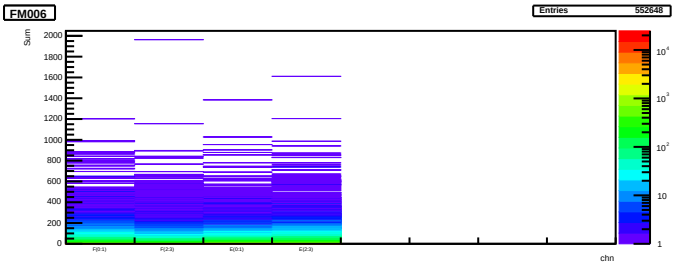

FM001
Entries 552648
Sum
chn

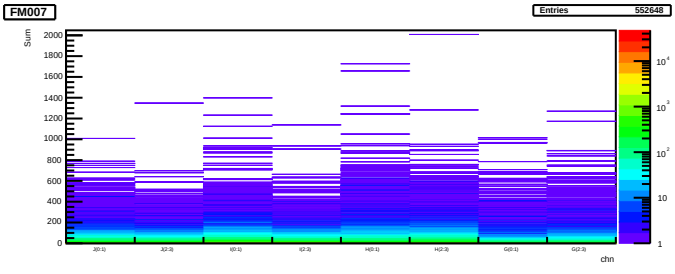

FM002
Entries 552648
Sum
chn

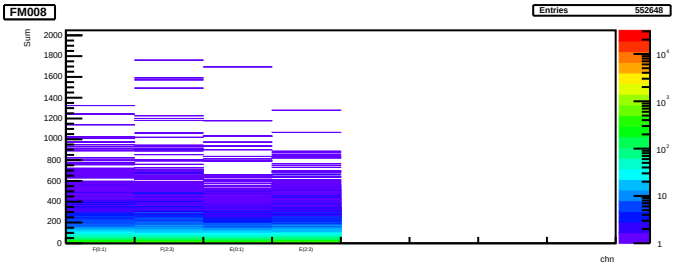

FM003
Entries 552648
Sum
chn

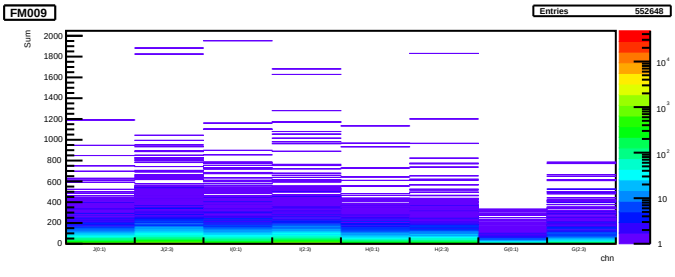

FM004
Entries 552648
Sum
chn

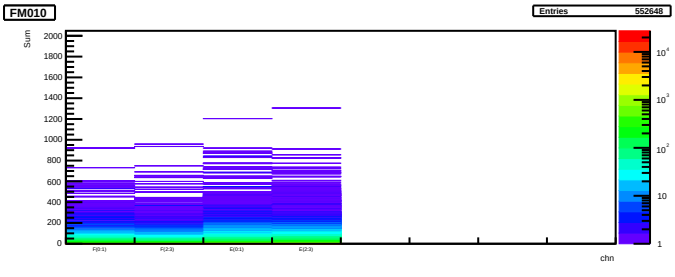

FM005
Entries 552648
Sum
chn

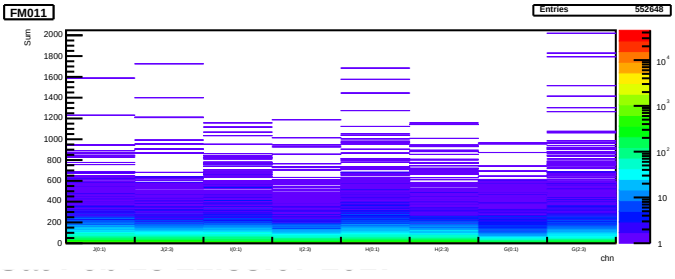

FM006
Entries 552648
Sum
chn

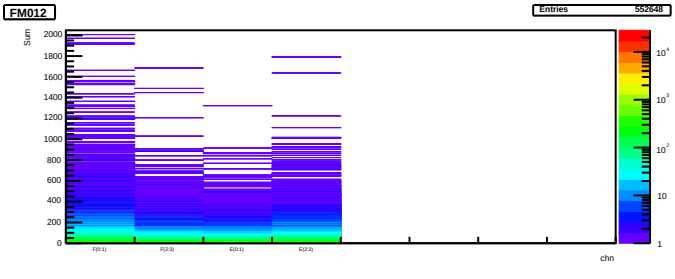

FM007
Entries 552648
Sum
chn

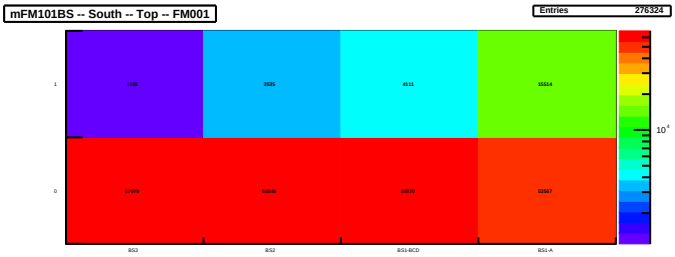

FM008
Entries 552648
Sum
chn

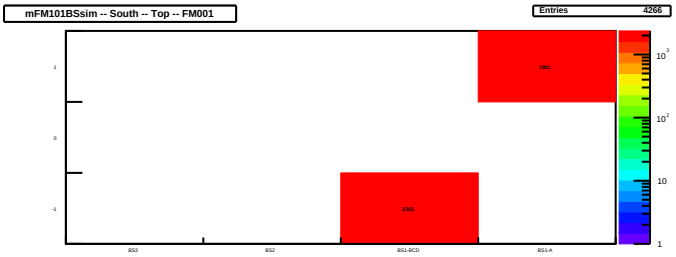

FM009
Entries 552648
Sum
chn

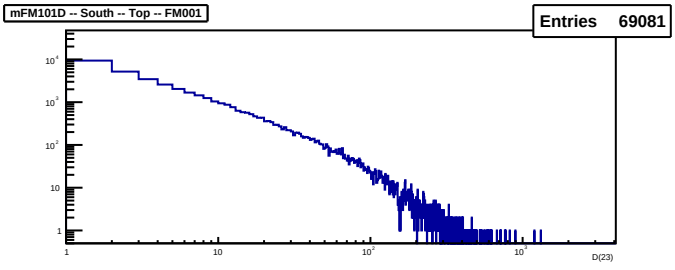

FM010
Entries 552648
Sum
chn

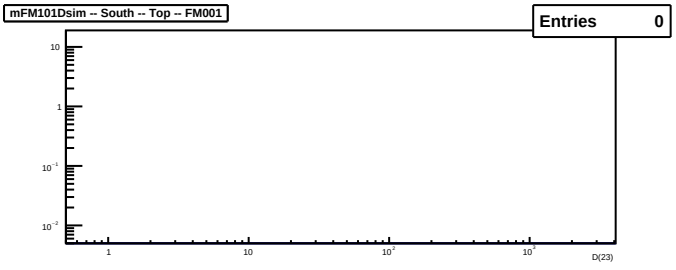

FM011
Entries 552648
Sum
chn

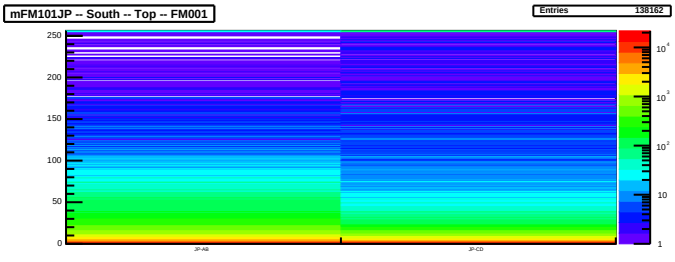

FM012
Entries 552648
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 276324

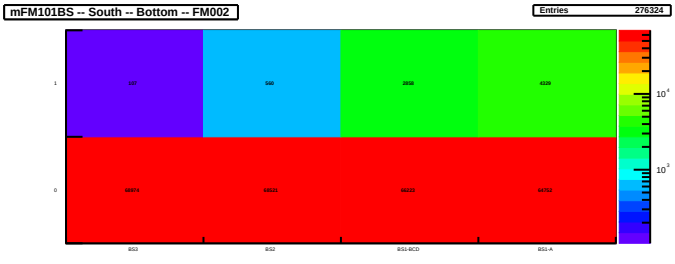

mFM101BSsim -- South -- Top -- FM001
Entries 4266

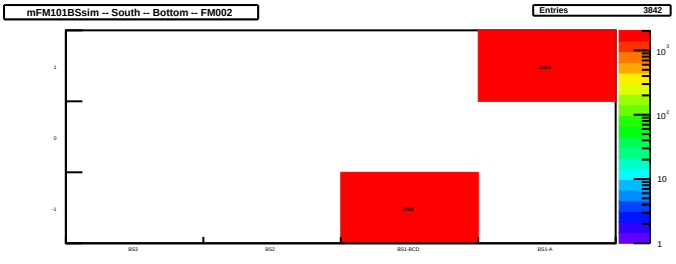

mFM101D -- South -- Top -- FM001
Entries 69081
D(23)

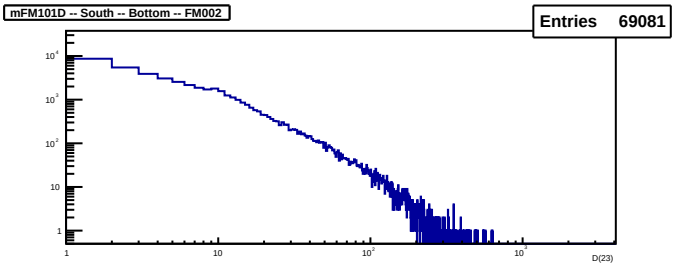

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

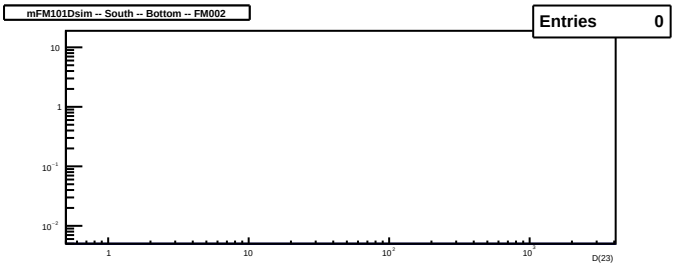

mFM101JP -- South -- Top -- FM001
Entries 138162

mFM101JPsim -- South -- Top -- FM001
Entries 0


mFM101BS -- South -- Bottom -- FM002
Entries 276324


mFM101BSsim -- South -- Bottom -- FM002
Entries 3842


mFM101D -- South -- Bottom -- FM002
Entries 69081
D(23)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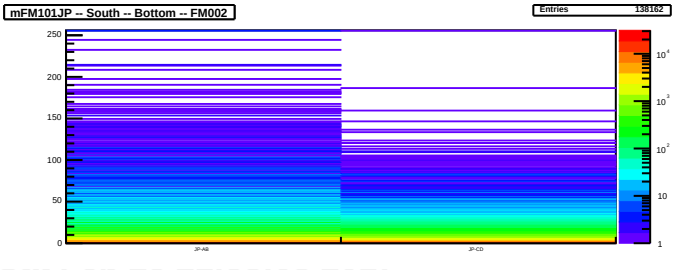
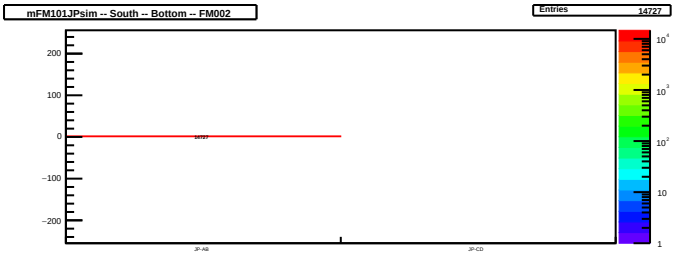
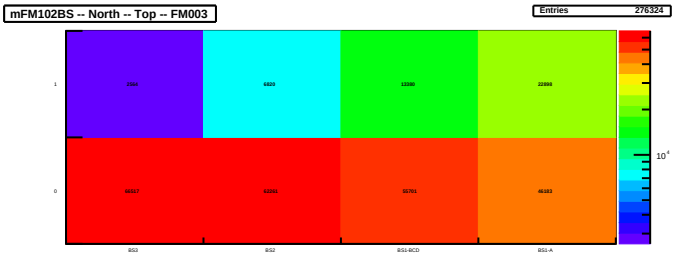
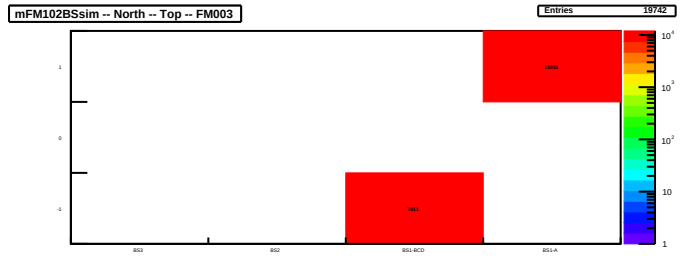
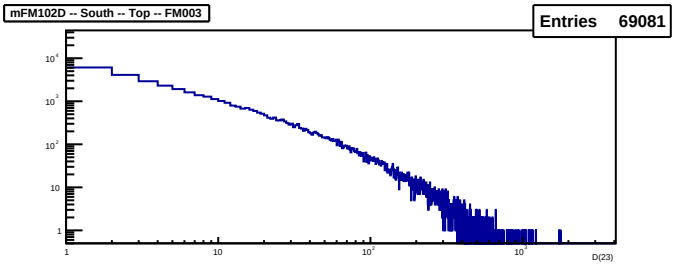
Entries 0
D(23)

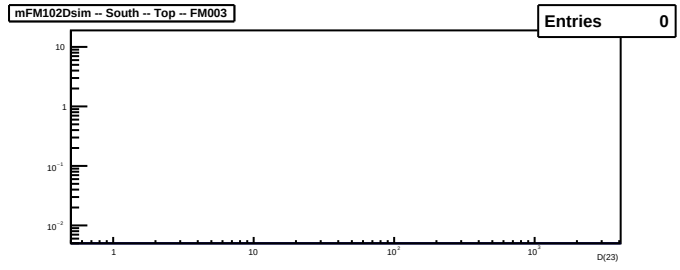

mFM101JP -- South -- Bottom -- FM002
Entries 138162


mFM101JPsim -- South -- Bottom -- FM002
Entries 14727


mFM102BS -- North -- Top -- FM003
Entries 276324
BS3
BS2
BS1-BCD
BS1-A


mFM102BSsim -- North -- Top -- FM003
Entries 19742
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Top -- FM003
Entries 69081
D(23)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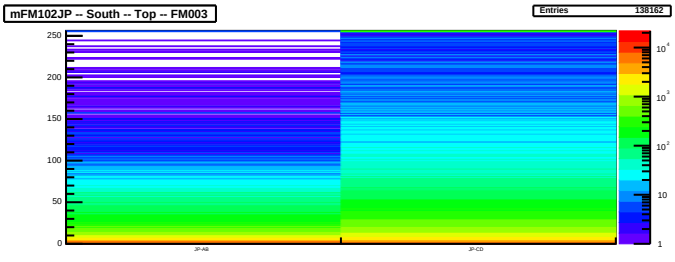
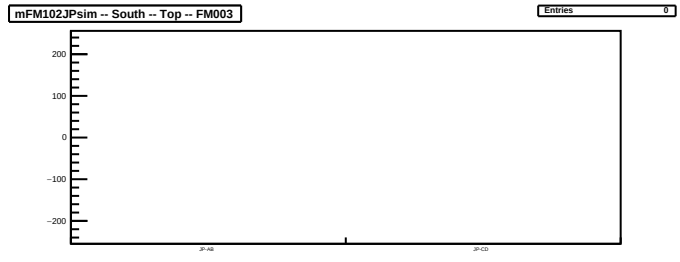
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 138162
JP-AB
JP-CD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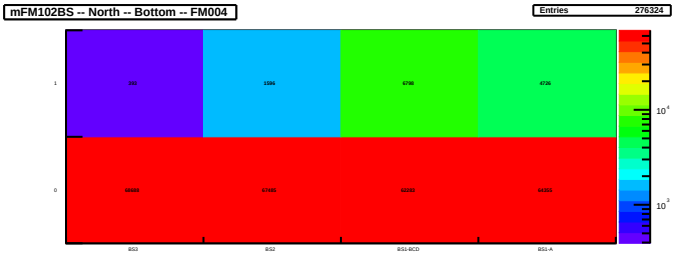
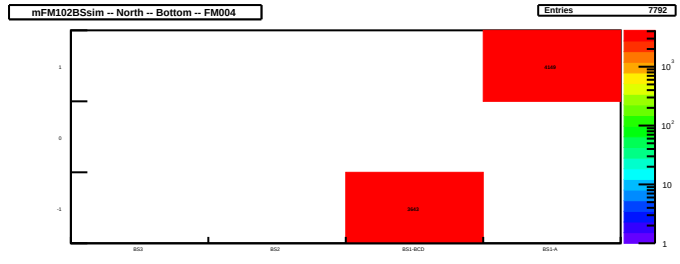
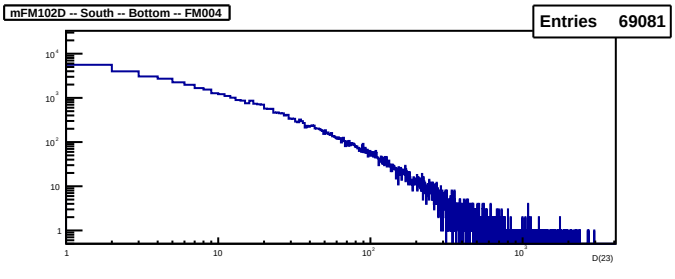
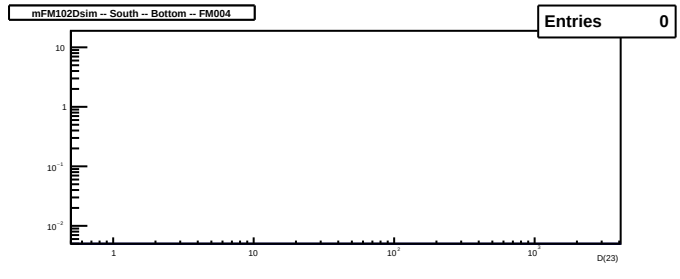
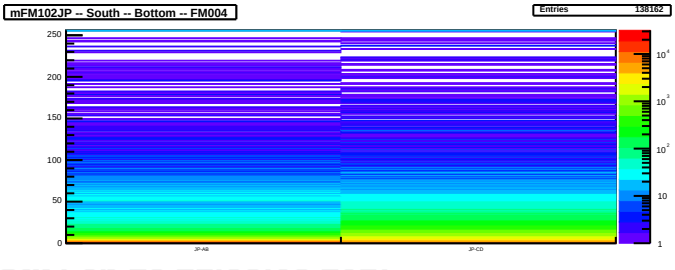
Entries 0
JP-AB
JP-CD

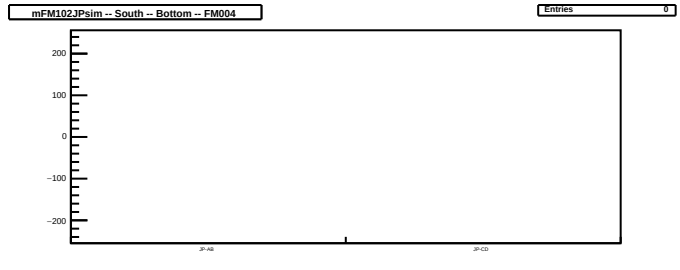

mFM102BS -- North -- Bottom -- FM004
Entries 276324
BS3
BS2
BS1-BCD
BS1-A

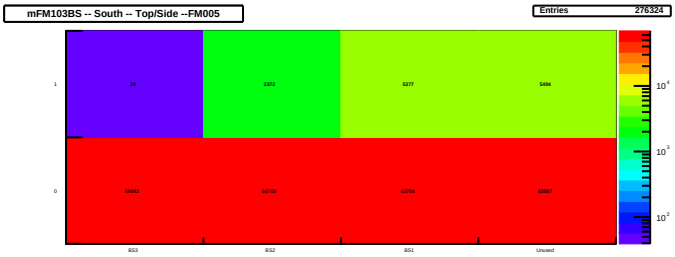

mFM102BSsim -- North -- Bottom -- FM004
Entries 7792
BS3
BS2
BS1-BCD
BS1-A

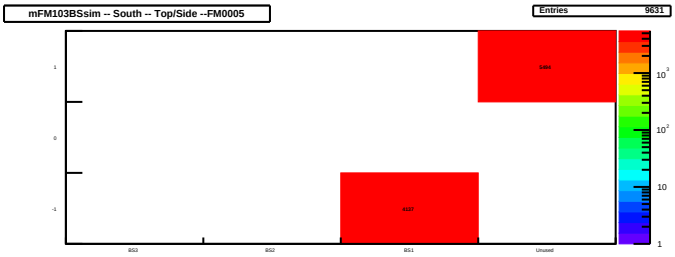

mFM102D -- South -- Bottom -- FM004
Entries 69081
D(23)

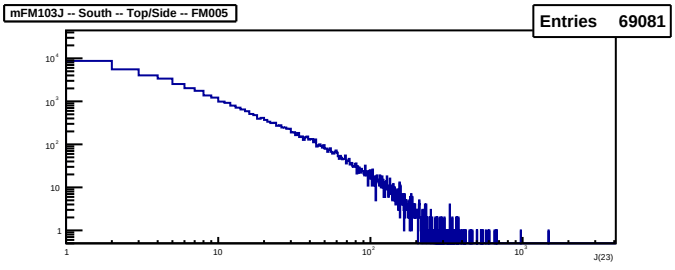

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

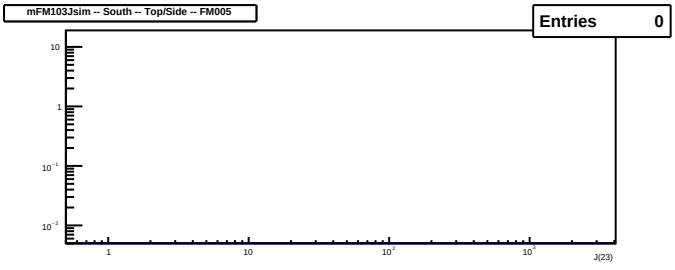

mFM102JP -- South -- Bottom -- FM004
Entries 138162
JP-AB
JP-CD

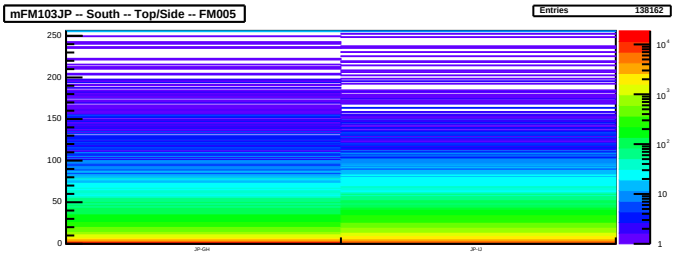

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

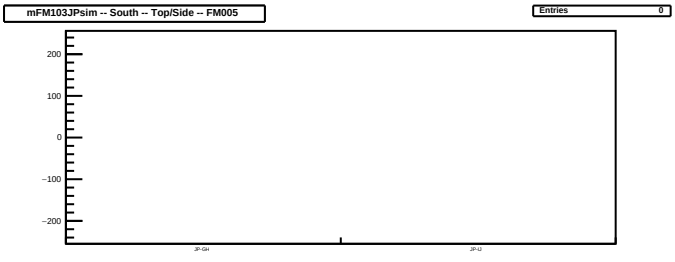

mFM103BS -- South -- Top/Side --FM005
Entries 276324
56
3372
5277
5494
69642
66769
62756
63587
BS3
BS2
BS1
Unused

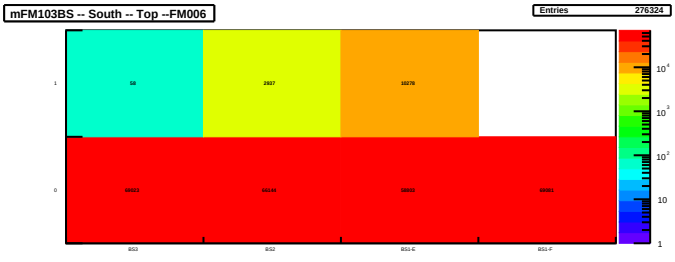

mFM103BSsim -- South -- Top/Side --FM0005
Entries 9631
5494
4137
BS3
BS2
BS1
Unused

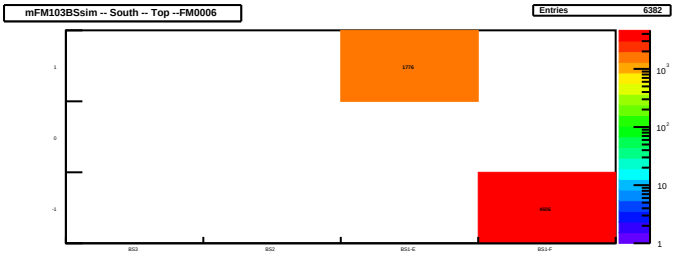

mFM103J -- South -- Top/Side -- FM005
Entries 69081
J(23)

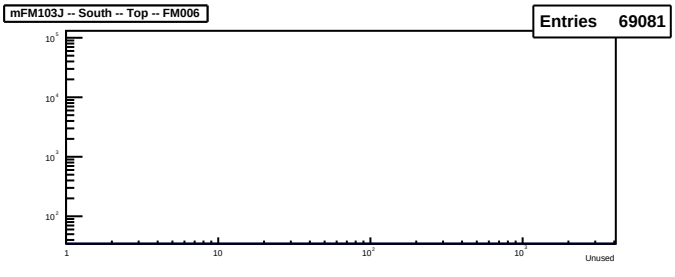

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

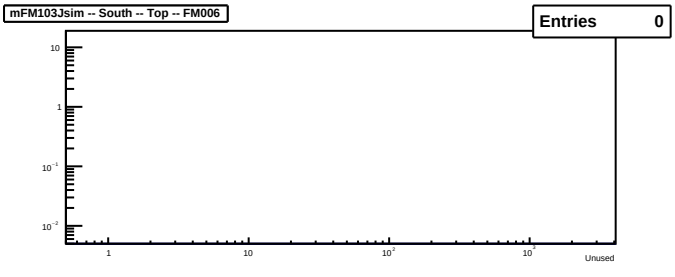

mFM103JP -- South -- Top/Side -- FM005
Entries 138162
JP-GH
JP-IJ

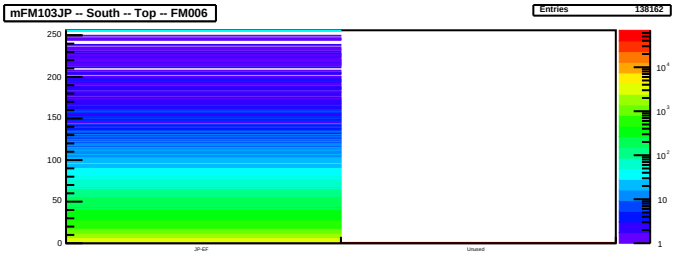

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ

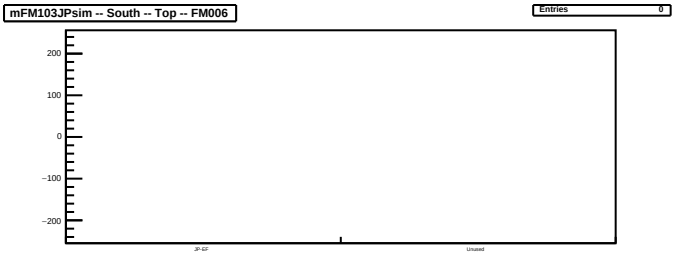

mFM103BS -- South -- Top --FM006
Entries 276324
56
2937
18276
69023
66144
62932
63981
BS3
BS2
BS1-E
BS1-F

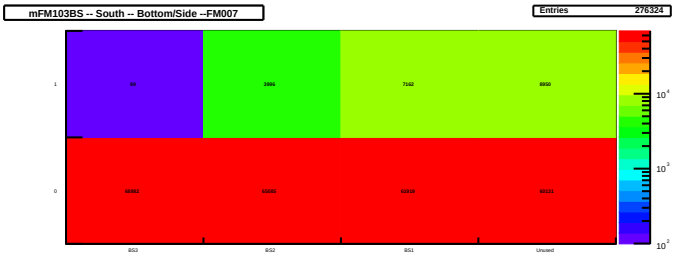

mFM103BSsim -- South -- Top --FM0006
Entries 6382
1776
4606
BS3
BS2
BS1-E
BS1-F

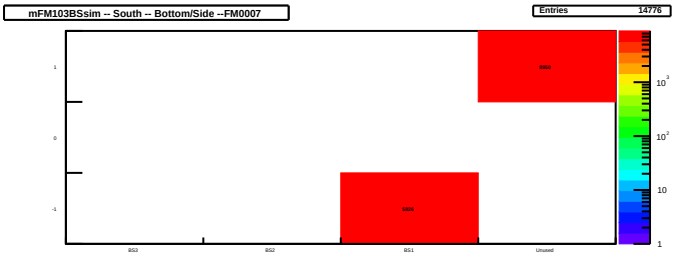

mFM103J -- South -- Top -- FM006
Entries 69081
Unused

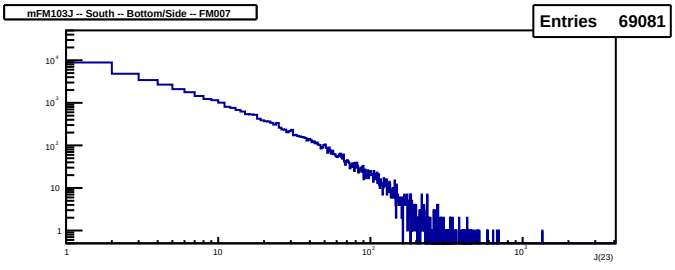

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

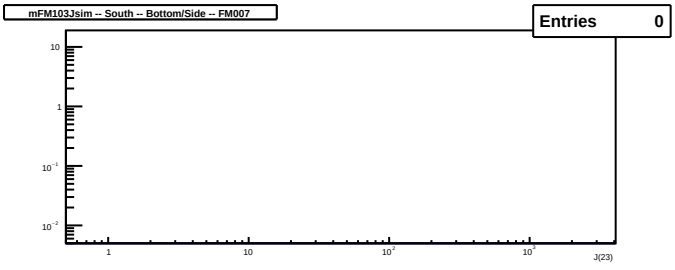

mFM103JP -- South -- Top -- FM006
Entries 138162
JP-EF
Unused

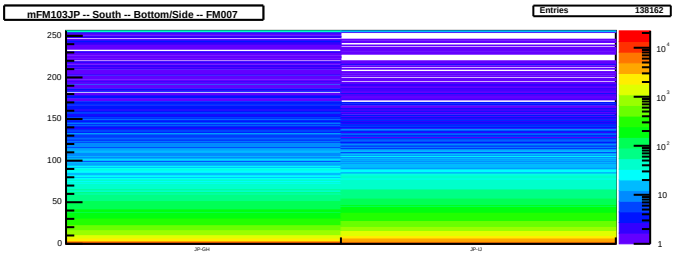

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

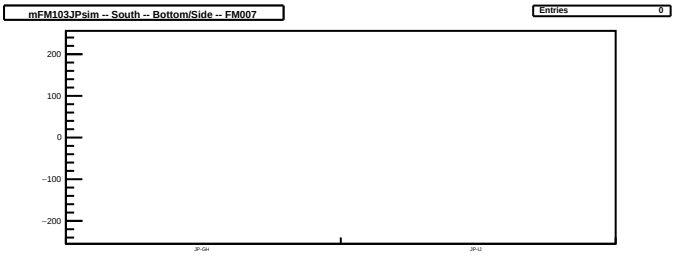

mFM103BS -- South -- Bottom/Side --FM007
Entries 276324
BS3
BS2
BS1
Unused

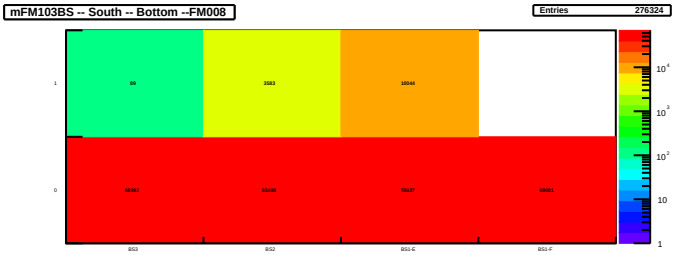

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 14776
BS3
BS2
BS1
Unused

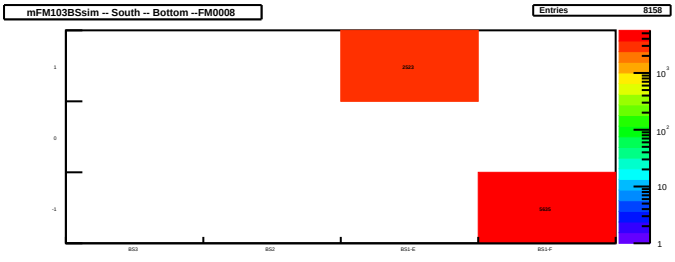

mFM103J -- South -- Bottom/Side -- FM007
Entries 69081
J(23)

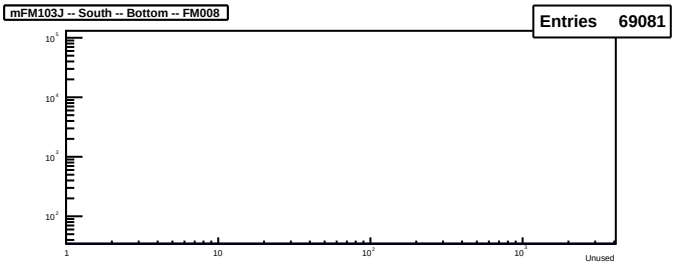

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

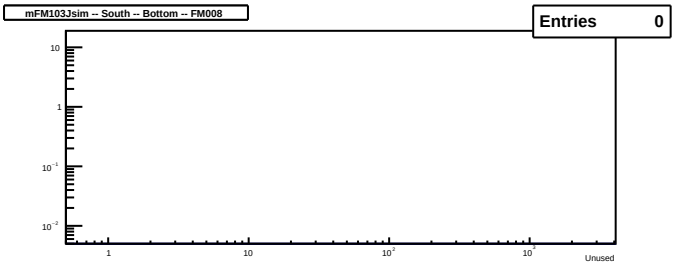

mFM103JP -- South -- Bottom/Side -- FM007
Entries 138162
JP-GH
JP-IJ


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


mFM103BS -- South -- Bottom --FM008
Entries 276324
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 8158
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 69081
Unused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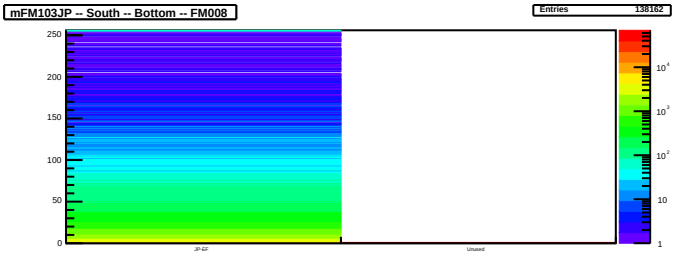
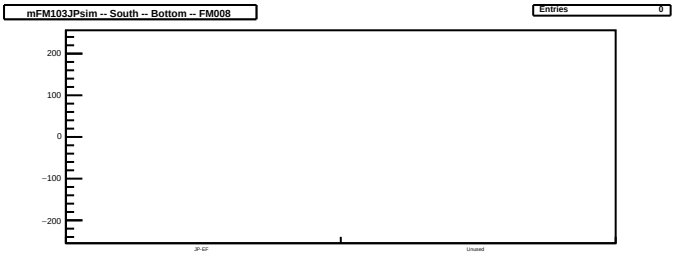
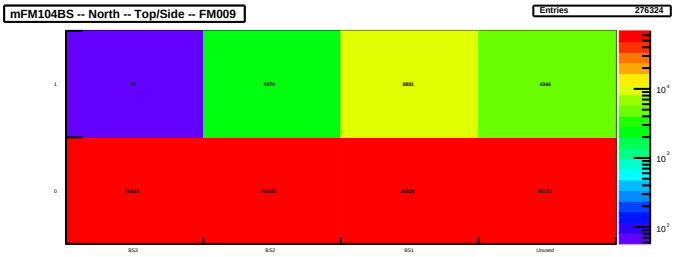
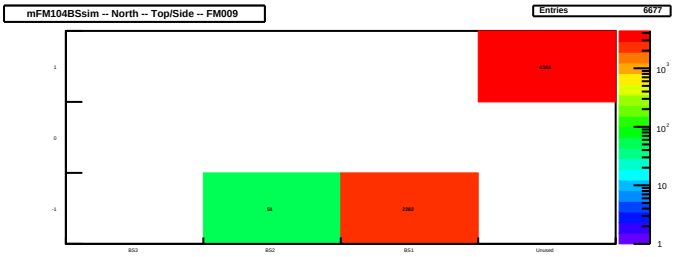
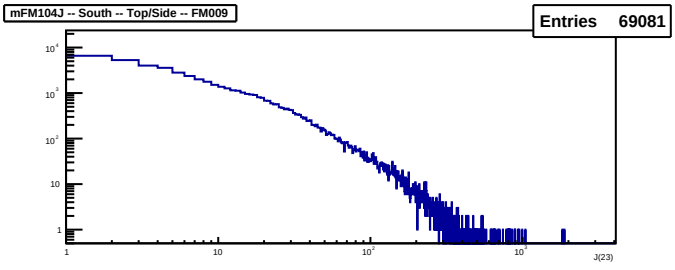
Entries 0
Unused

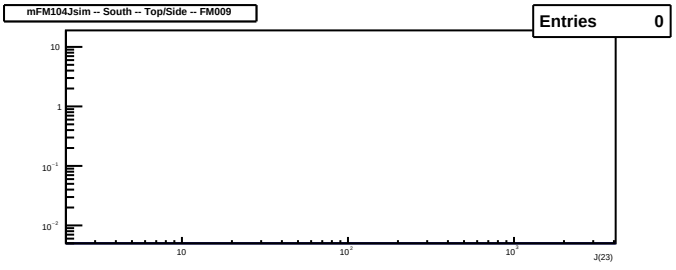

mFM103JP -- South -- Bottom -- FM008
Entries 138162
JP-EF
Unused

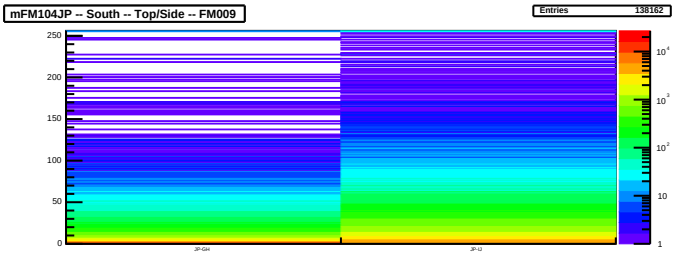

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

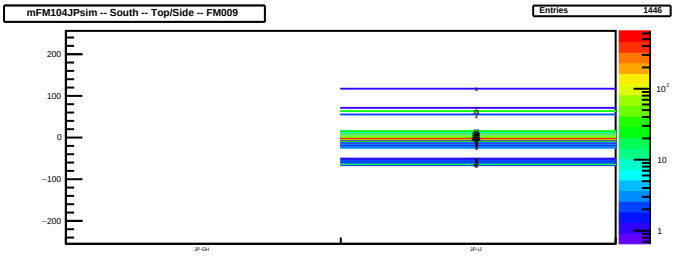

mFM104BS -- North -- Top/Side -- FM009
Entries 276324

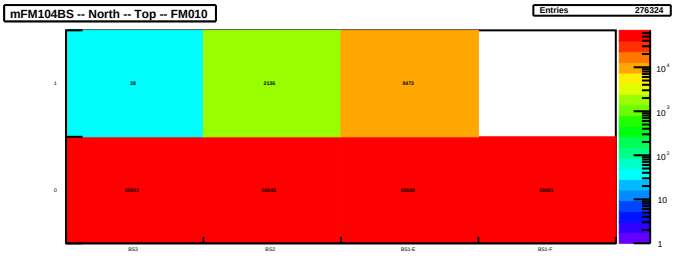

mFM104BSsim -- North -- Top/Side -- FM009
Entries 6677

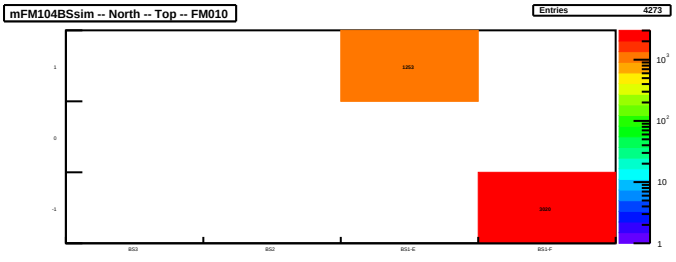

mFM104J -- South -- Top/Side -- FM009
Entries 69081
J(23)

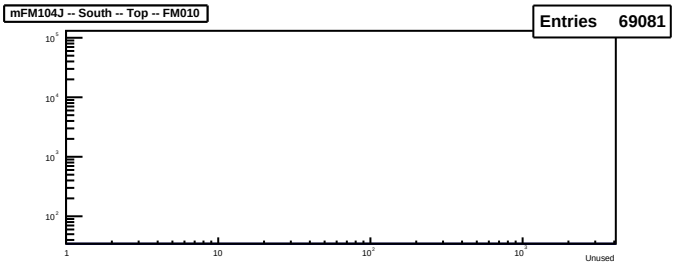

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

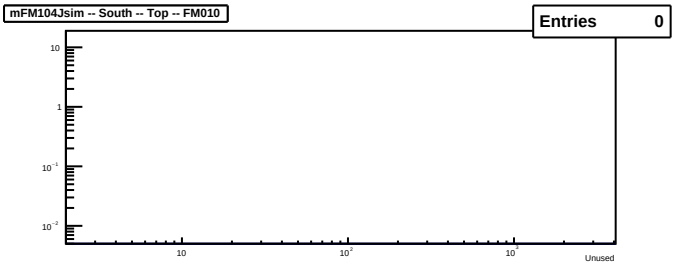

mFM104JP -- South -- Top/Side -- FM009
Entries 138162

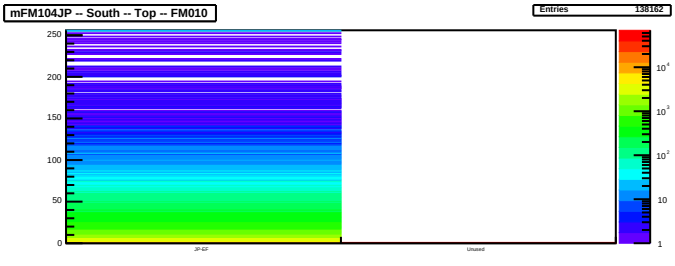

mFM104JPsim -- South -- Top/Side -- FM009
Entries 1446

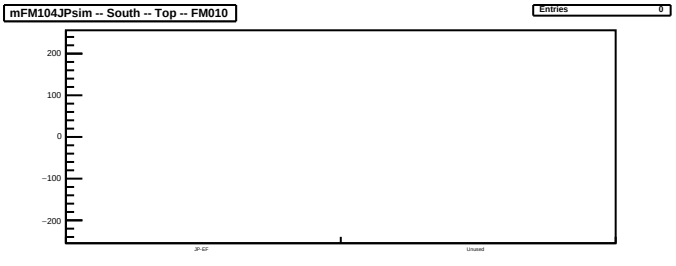

mFM104BS -- North -- Top -- FM010
Entries 276324

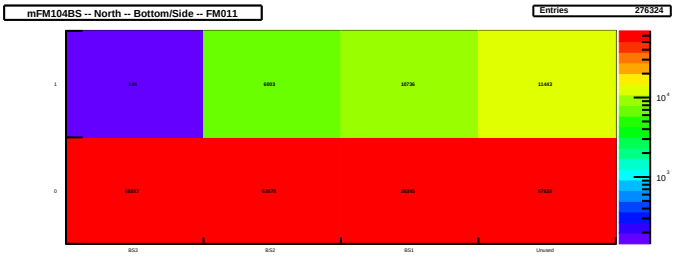

mFM104BSsim -- North -- Top -- FM010
Entries 4273

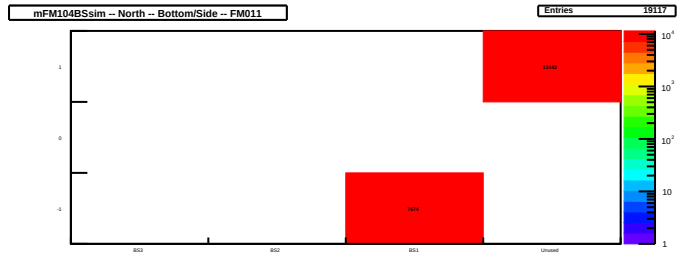

mFM104J -- South -- Top -- FM010
Entries 69081
Unused

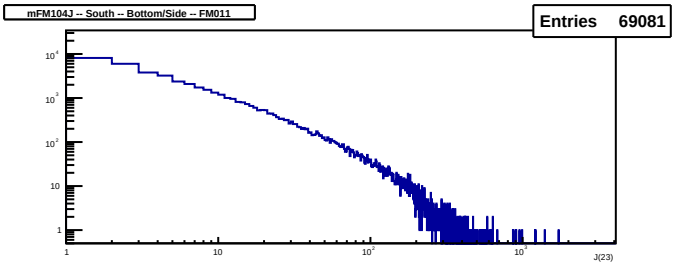

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

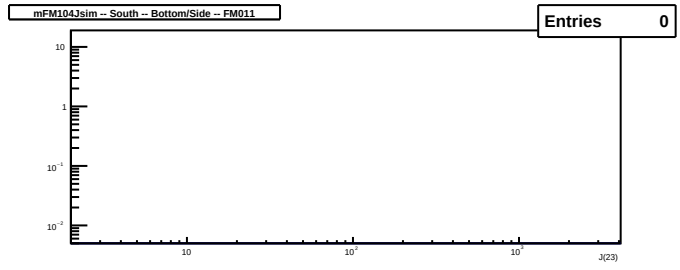

mFM104JP -- South -- Top -- FM010
Entries 138162

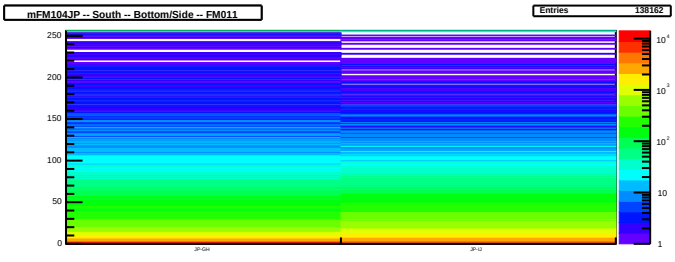

mFM104JPsim -- South -- Top -- FM010
Entries 0

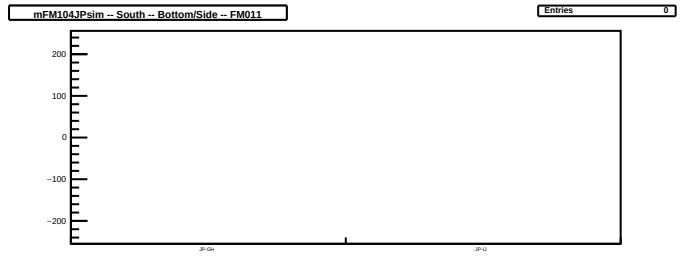

mFM104BS -- North -- Bottom/Side -- FM011
Entries 276324
144
6003
10736
11443
68697
63079
58245
57628
BS3
BS2
BS1
Unused

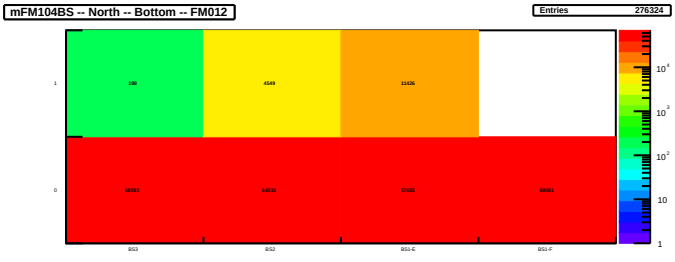

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 19117
11443
7674
BS3
BS2
BS1
Unused

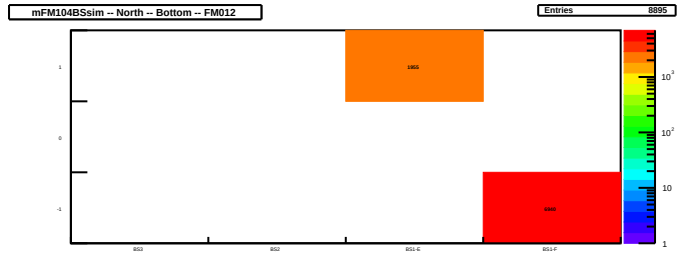

mFM104J -- South -- Bottom/Side -- FM011
Entries 69081
J(23)

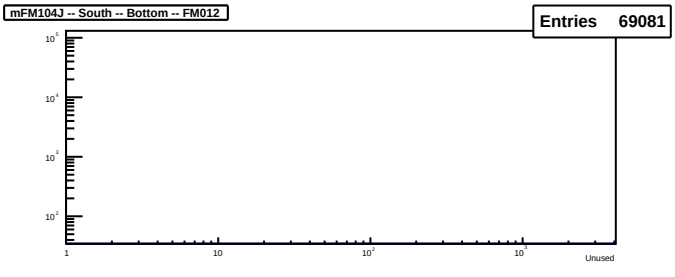

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

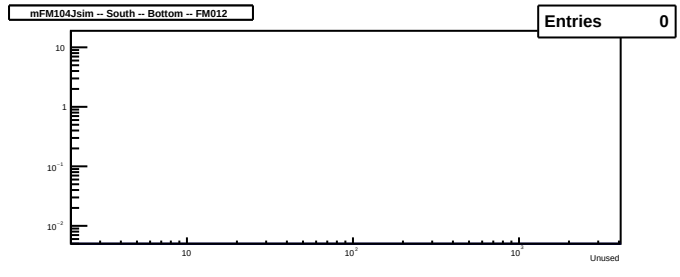

mFM104JP -- South -- Bottom/Side -- FM011
Entries 138162
JP-GH
JP-IJ

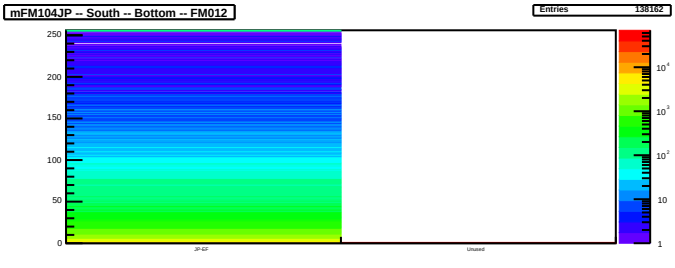

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ

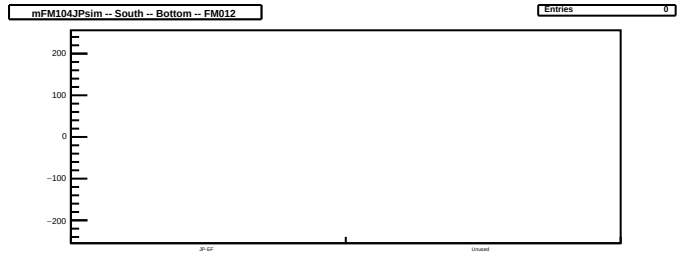

mFM104BS -- North -- Bottom -- FM012
Entries 276324
195
4549
11426
68693
64532
57655
69081
BS3
BS2
BS1-E
BS1-F

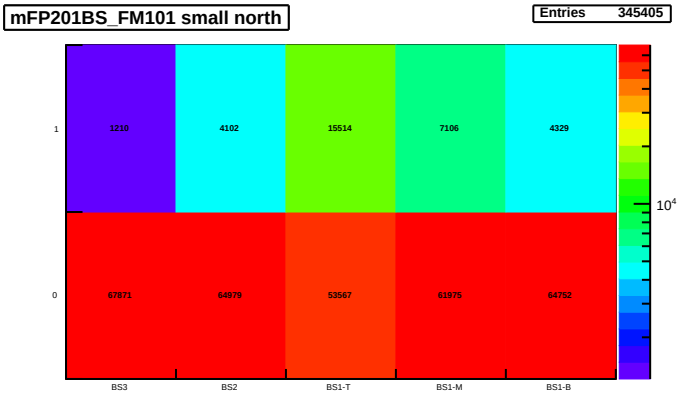

mFM104BSsim -- North -- Bottom -- FM012
Entries 8895
1955
6940
BS3
BS2
BS1-E
BS1-F

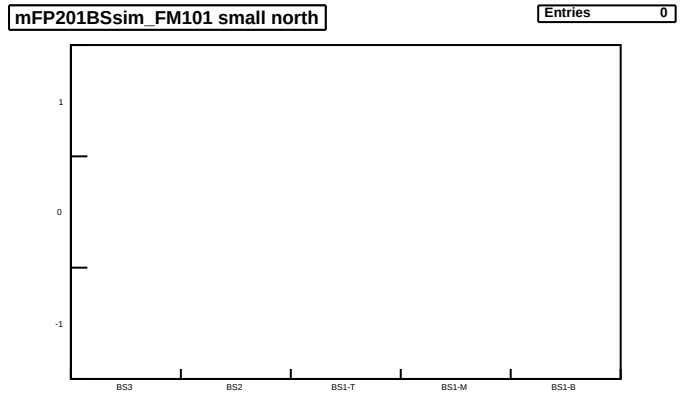

mFM104J -- South -- Bottom -- FM012
Entries 69081
Unused

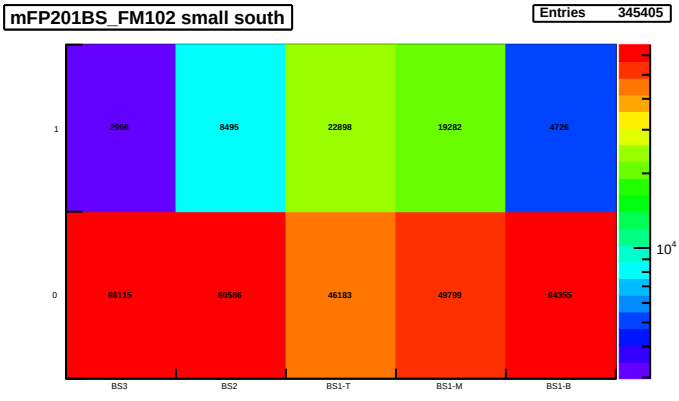

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

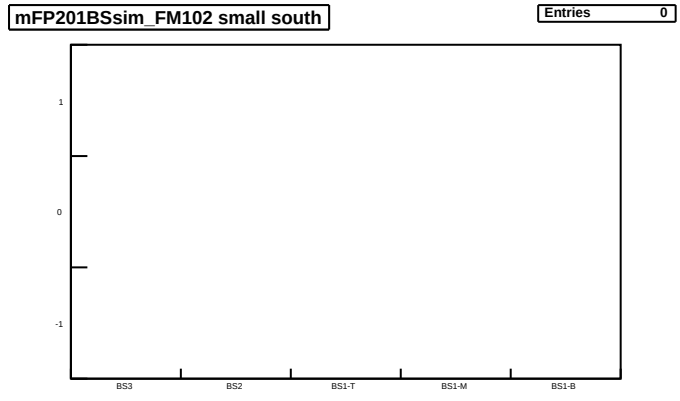

mFM104JP -- South -- Bottom -- FM012
Entries 138162
JP-EF
Unused

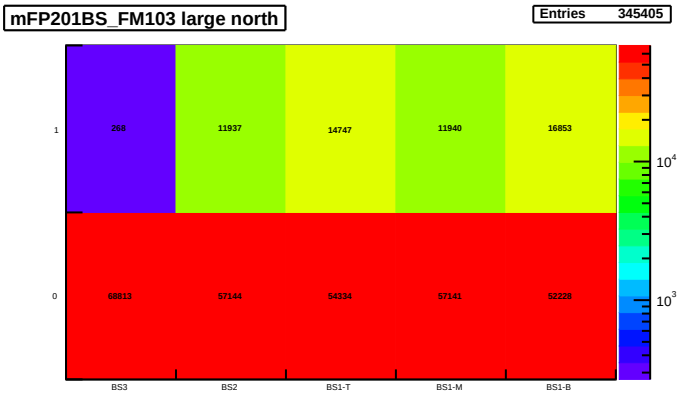

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

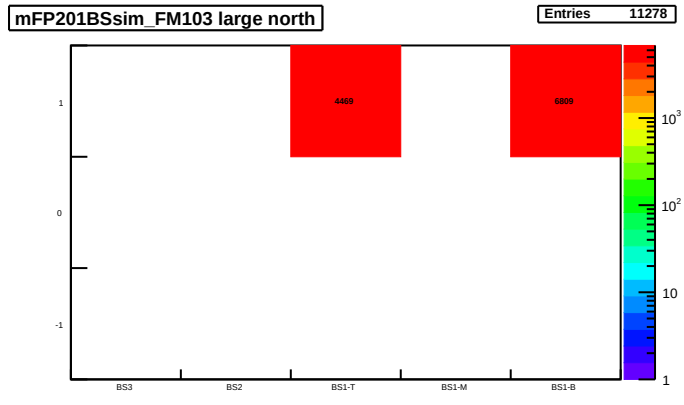

mFP201BS_FM101 small north
Entries 345405
1210
4102
15514
7106
4329
67871
64979
53567
61975
64752
BS3
BS2
BS1-T
BS1-M
BS1-B

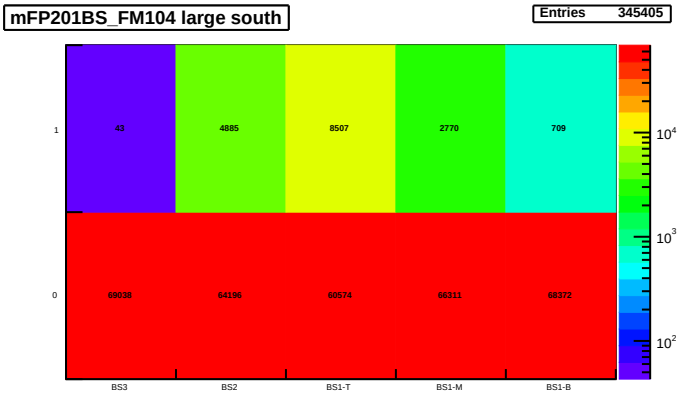

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

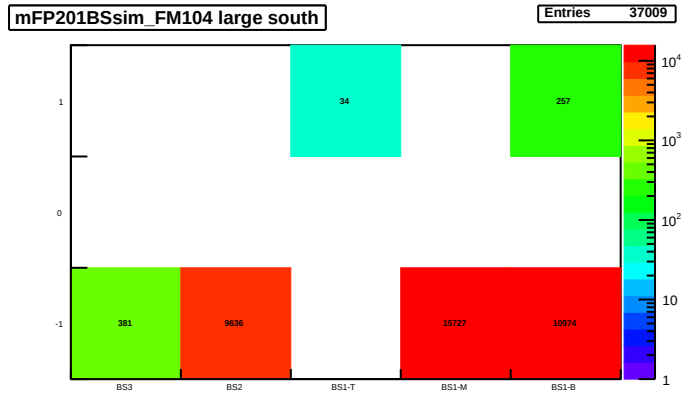

mFP201BS_FM102 small south
Entries 345405
2966
8495
22898
19282
4726
66115
60586
46183
49799
64355
BS3
BS2
BS1-T
BS1-M
BS1-B

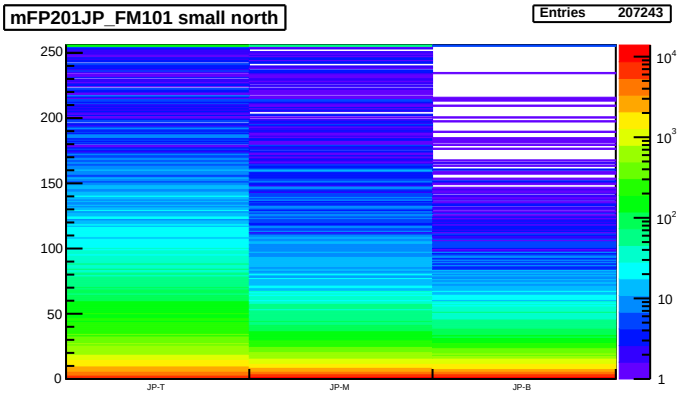

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

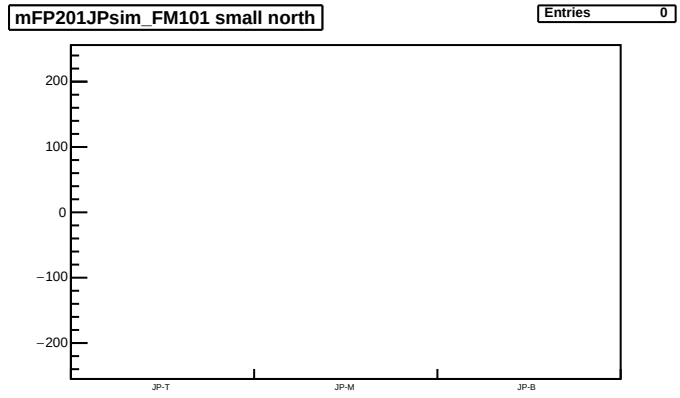

mFP201BS_FM103 large north
Entries 345405
268
11937
14747
11940
16853
68813
57144
54334
57141
52228
BS3
BS2
BS1-T
BS1-M
BS1-B

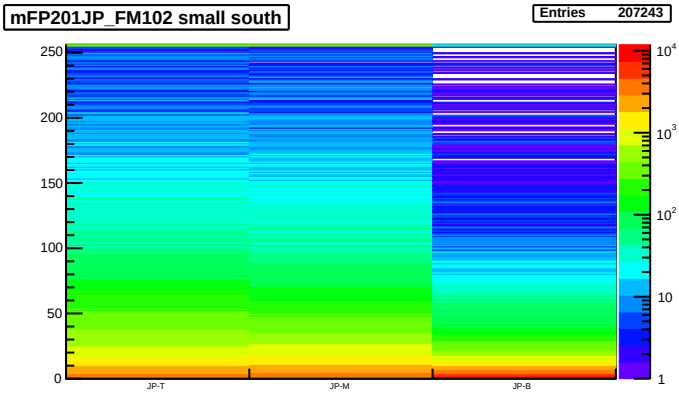

mFP201BSsim_FM103 large north
Entries 11278
4469
6809
BS3
BS2
BS1-T
BS1-M
BS1-B

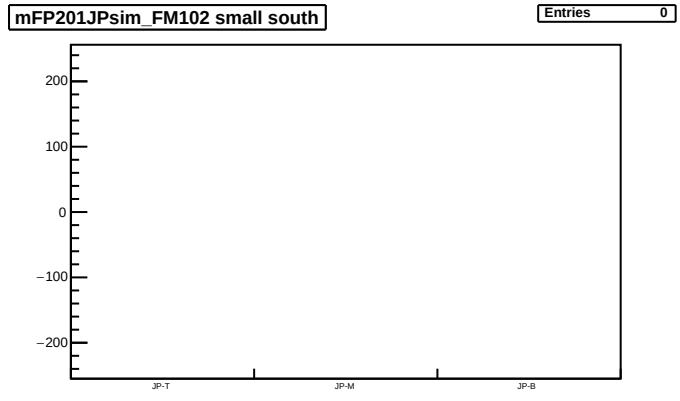

mFP201BS_FM104 large south
Entries 345405
43
4885
8507
2770
709
69038
64196
60574
66311
68372
BS3
BS2
BS1-T
BS1-M
BS1-B

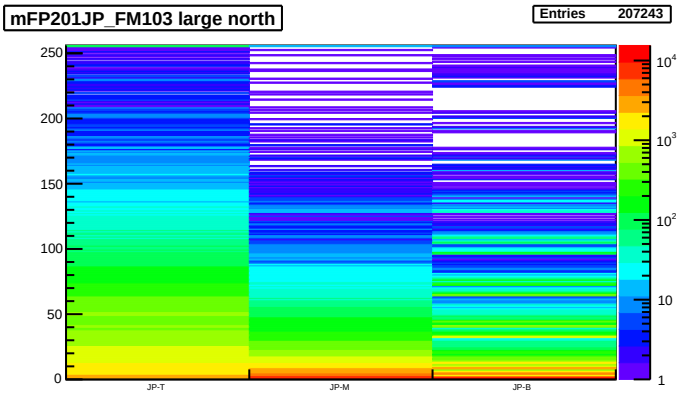

mFP201BSsim_FM104 large south
Entries 37009
34
257
381
9636
15727
10974
BS3
BS2
BS1-T
BS1-M
BS1-B

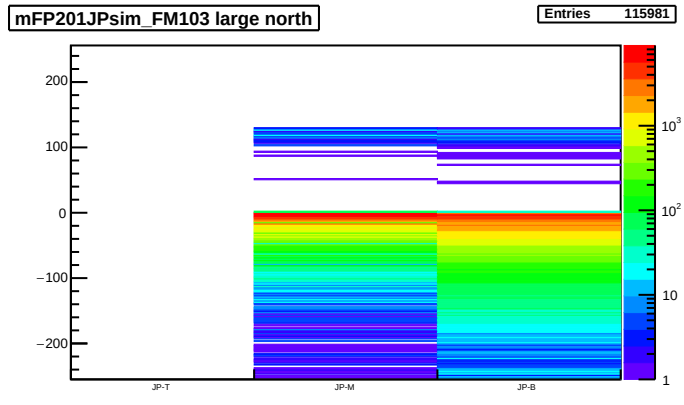

mFP201JP_FM101 small north
Entries 207243
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

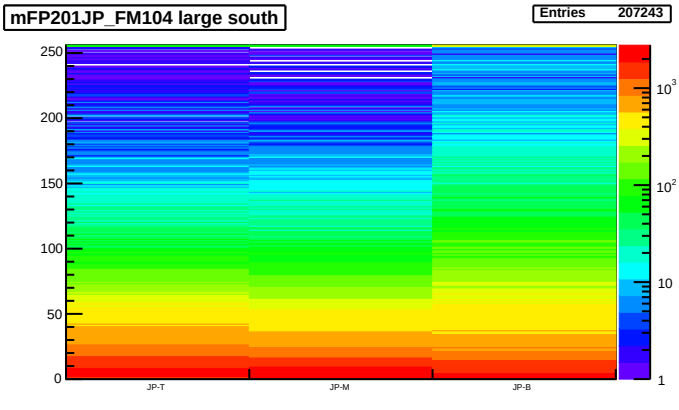

mFP201JPsim_FM101 small north
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

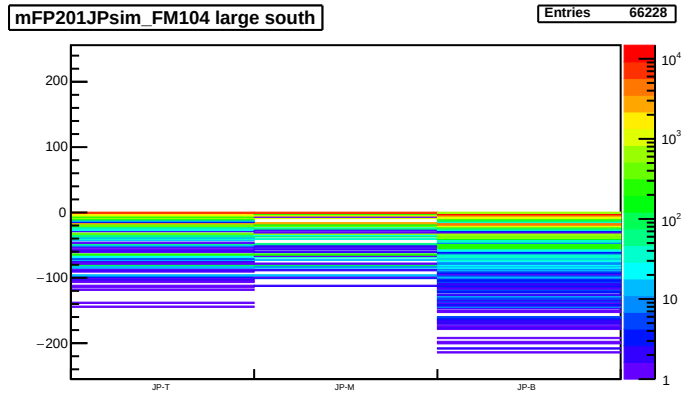

mFP201JP_FM102 small south
Entries 207243
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

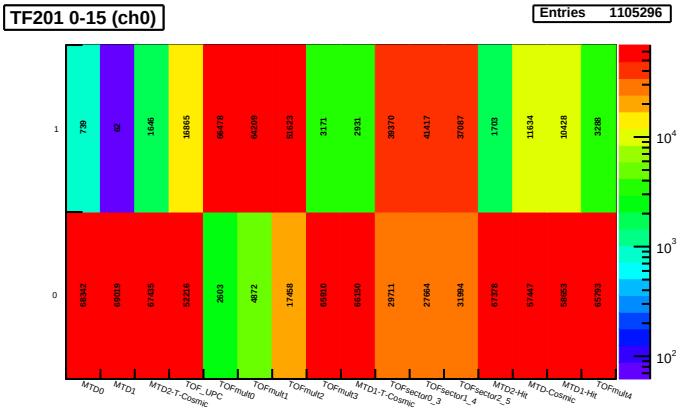

mFP201JPsim_FM102 small south
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

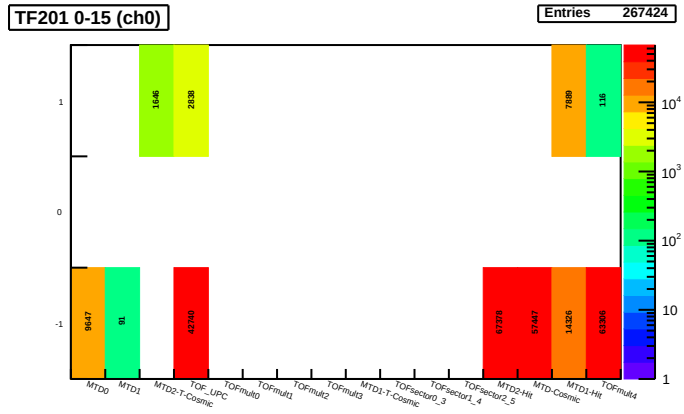

mFP201JP_FM103 large north
Entries 207243
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

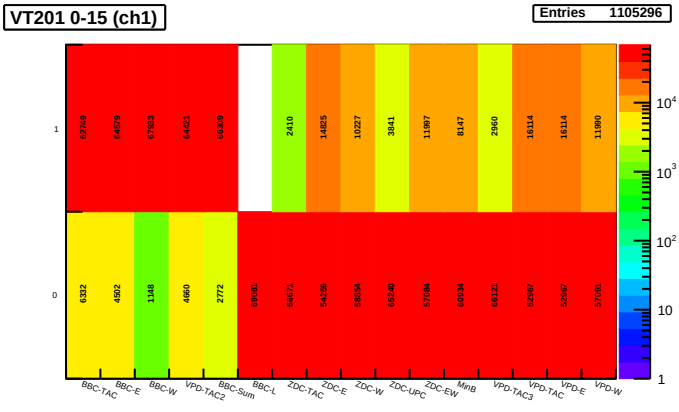

mFP201JPsim_FM103 large north
Entries 115981
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^3
10^2
10
1

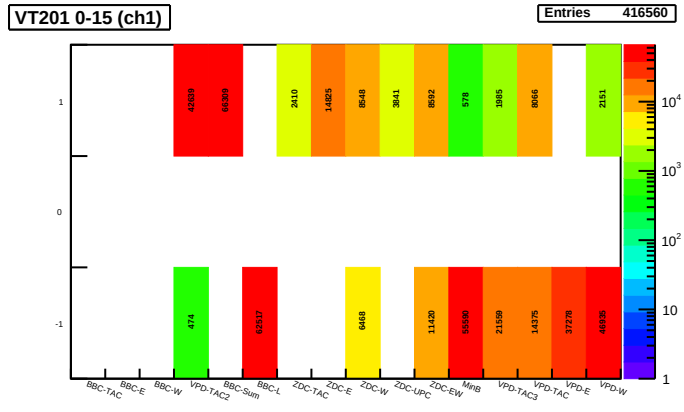

mFP201JP_FM104 large south
Entries 207243
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^3
10^2
10
1

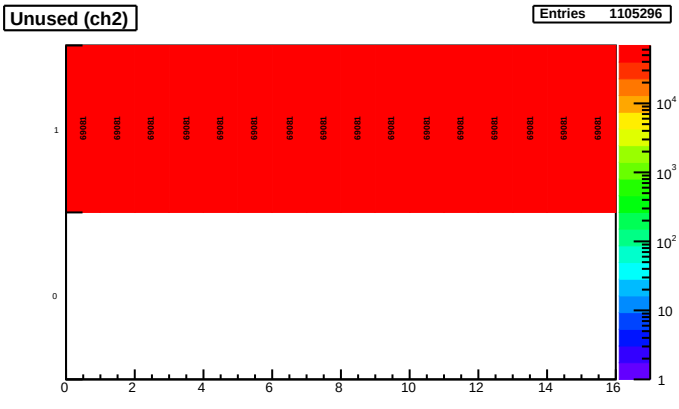

mFP201JPsim_FM104 large south
Entries 66228
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

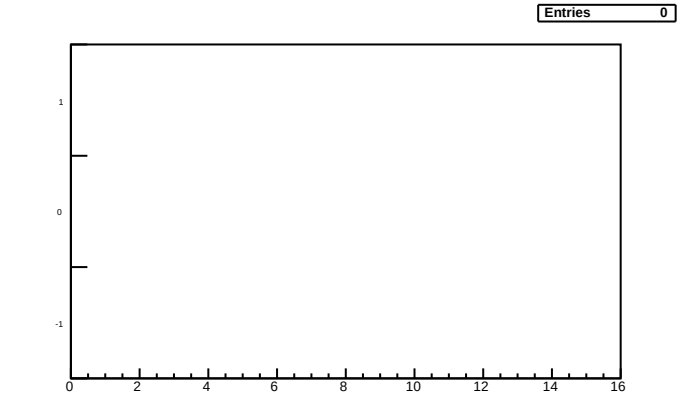

TF201 0-15 (ch0)
Entries 1105296
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

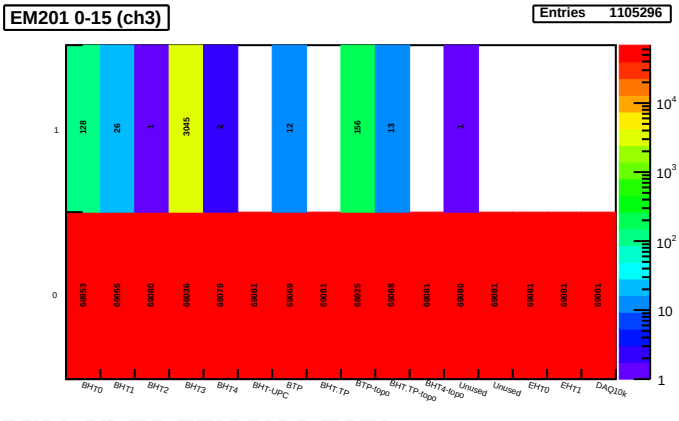

TF201 0-15 (ch0)
Entries 267424
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

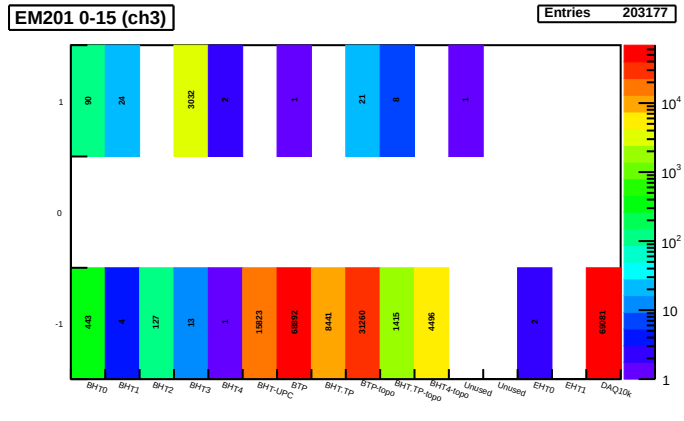

VT201 0-15 (ch1)
Entries 1105296
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

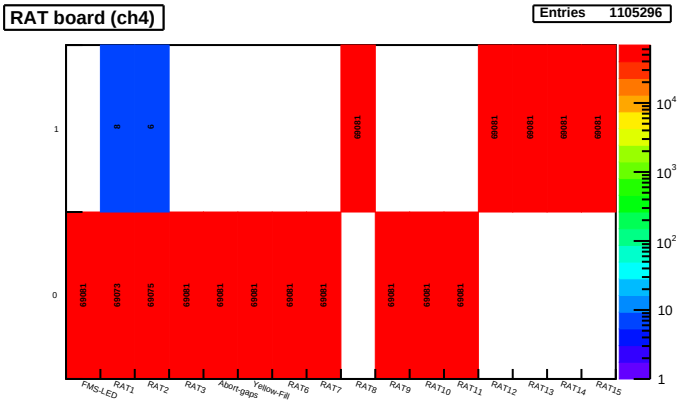

VT201 0-15 (ch1)
Entries 416560
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

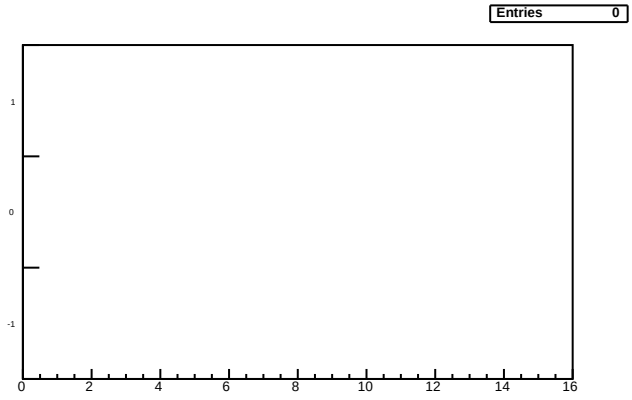

Unused (ch2)
Entries 1105296

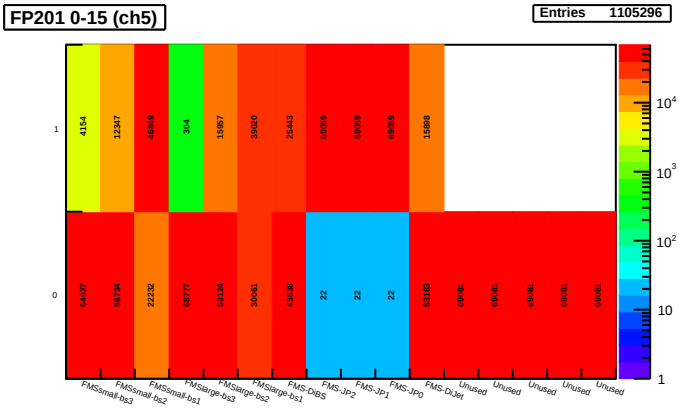

Entries 0

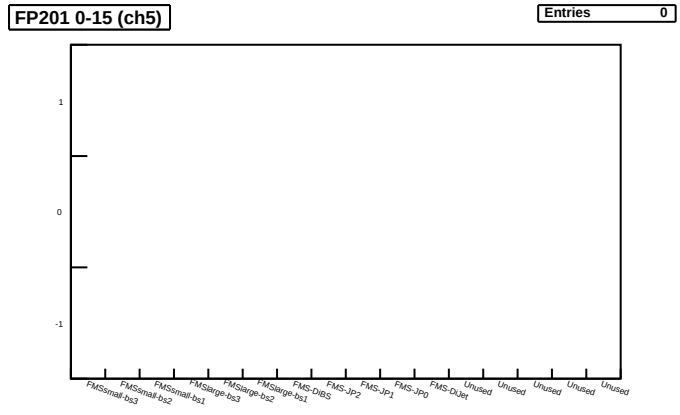

EM201 0-15 (ch3)
Entries 1105296
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

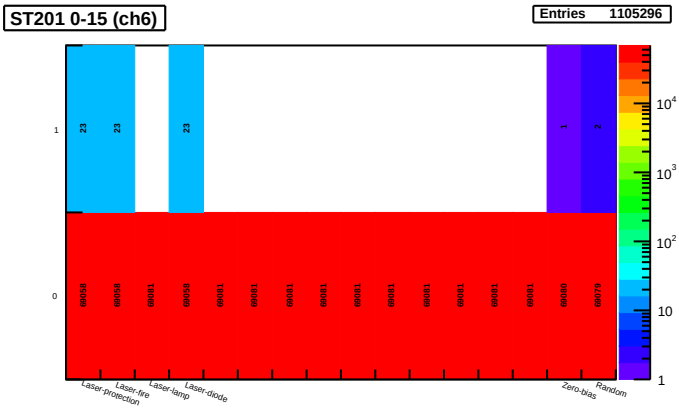

EM201 0-15 (ch3)
Entries 203177
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

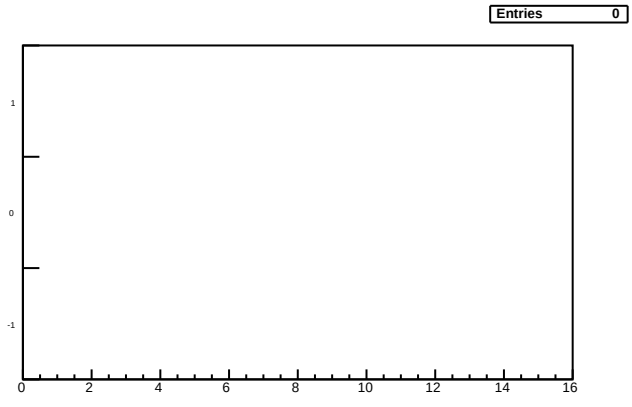

RAT board (ch4)
Entries 1105296
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15


Entries 0


FP201 0-15 (ch5)
Entries 1105296
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


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


ST201 0-15 (ch6)
Entries 1105296
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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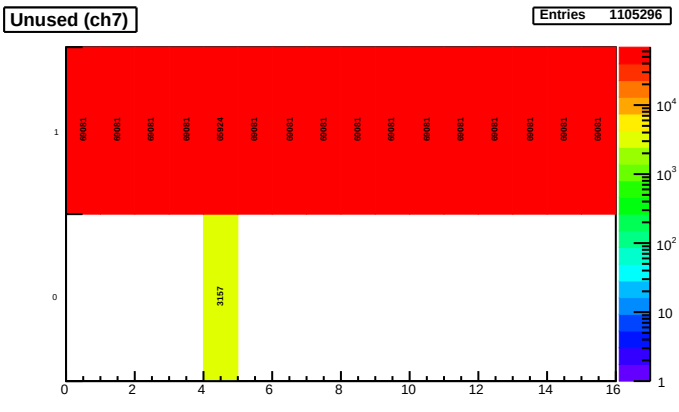
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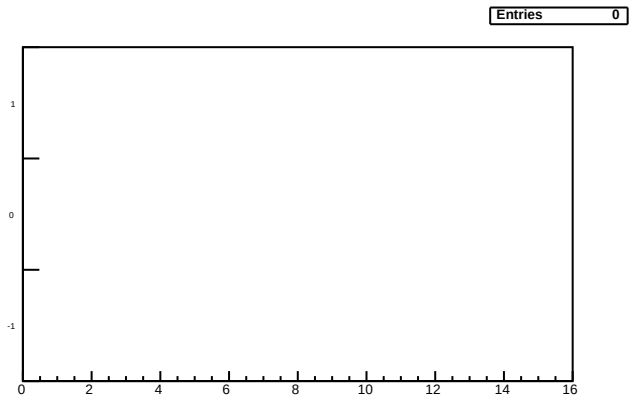
Entries 0