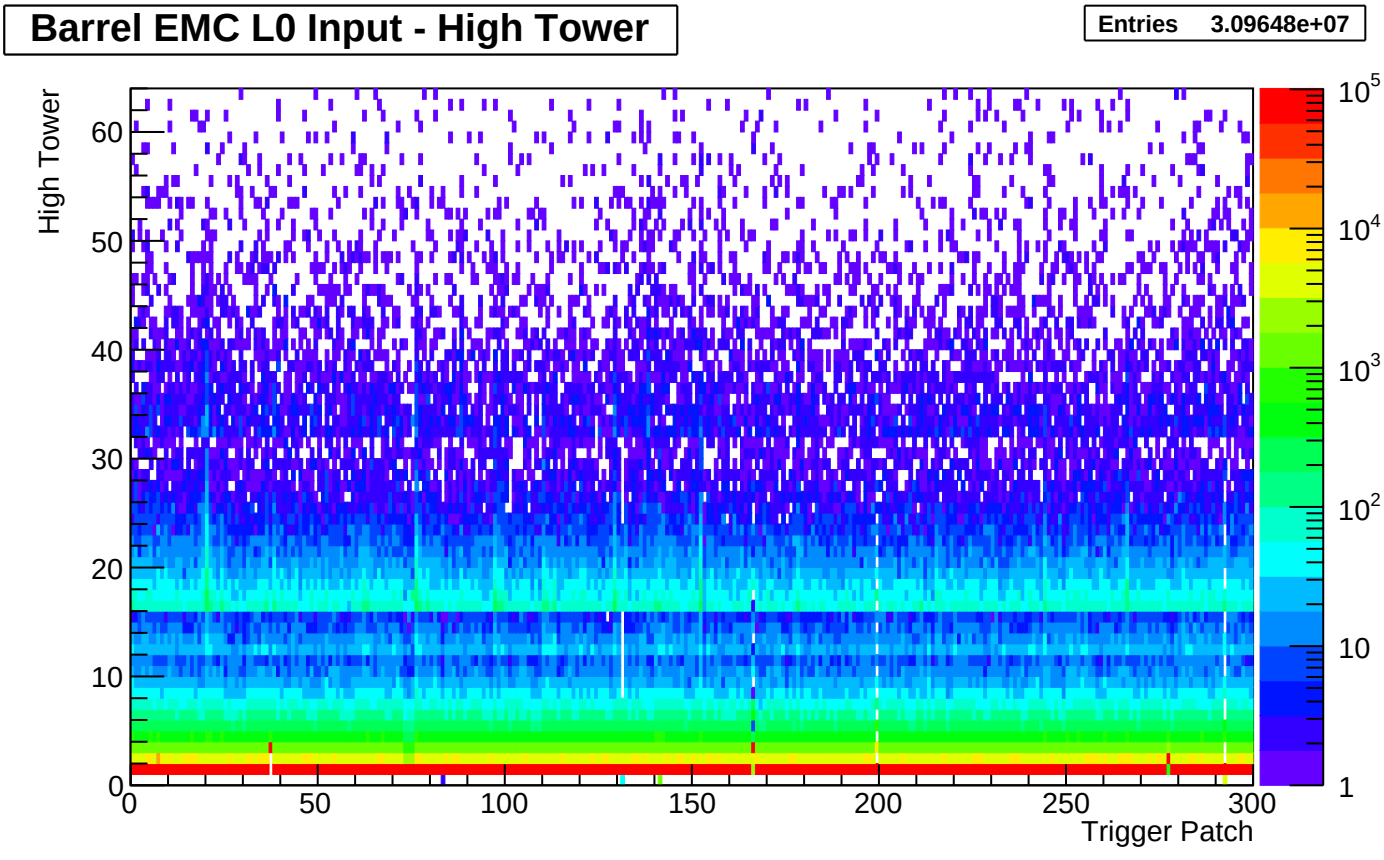
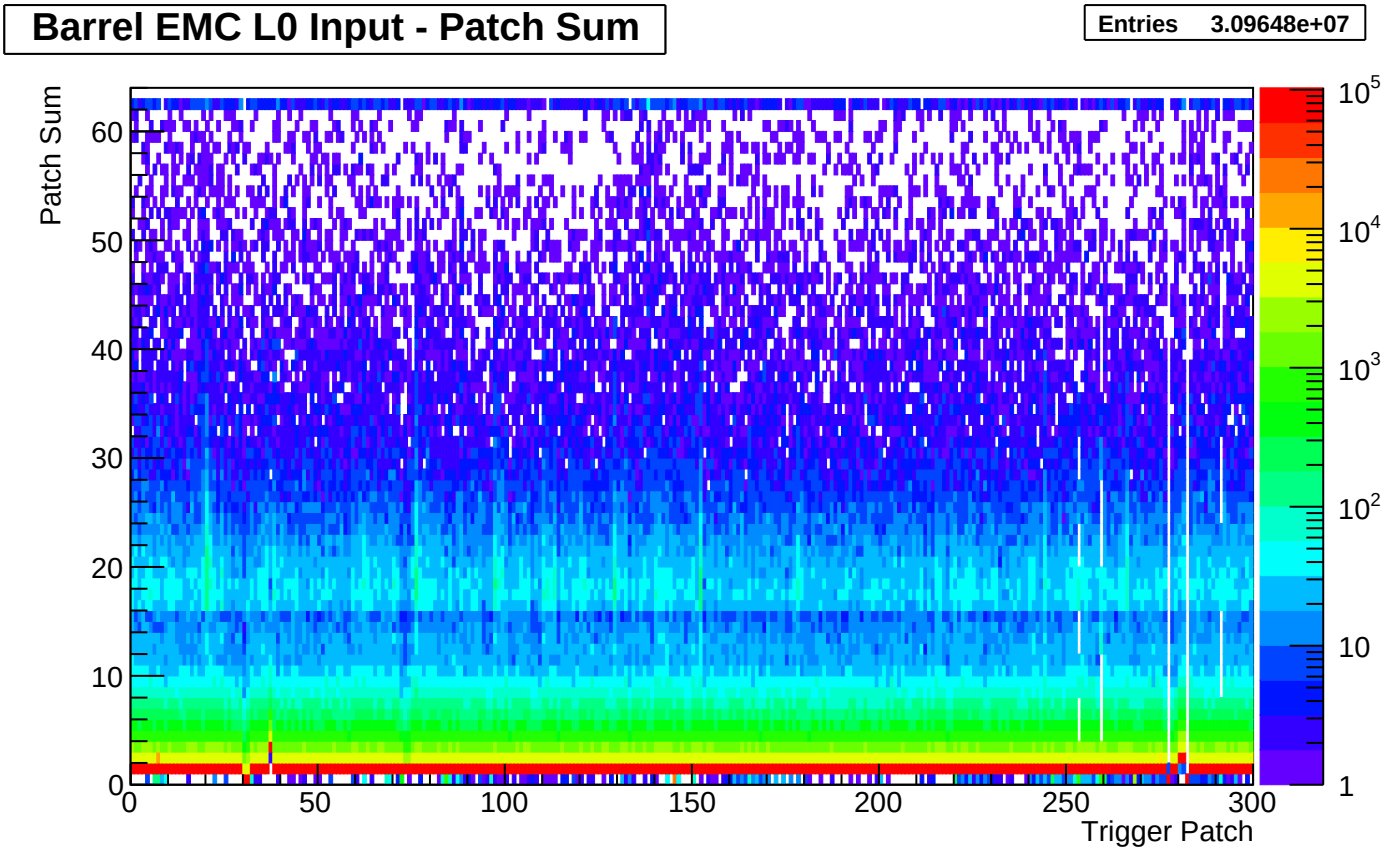
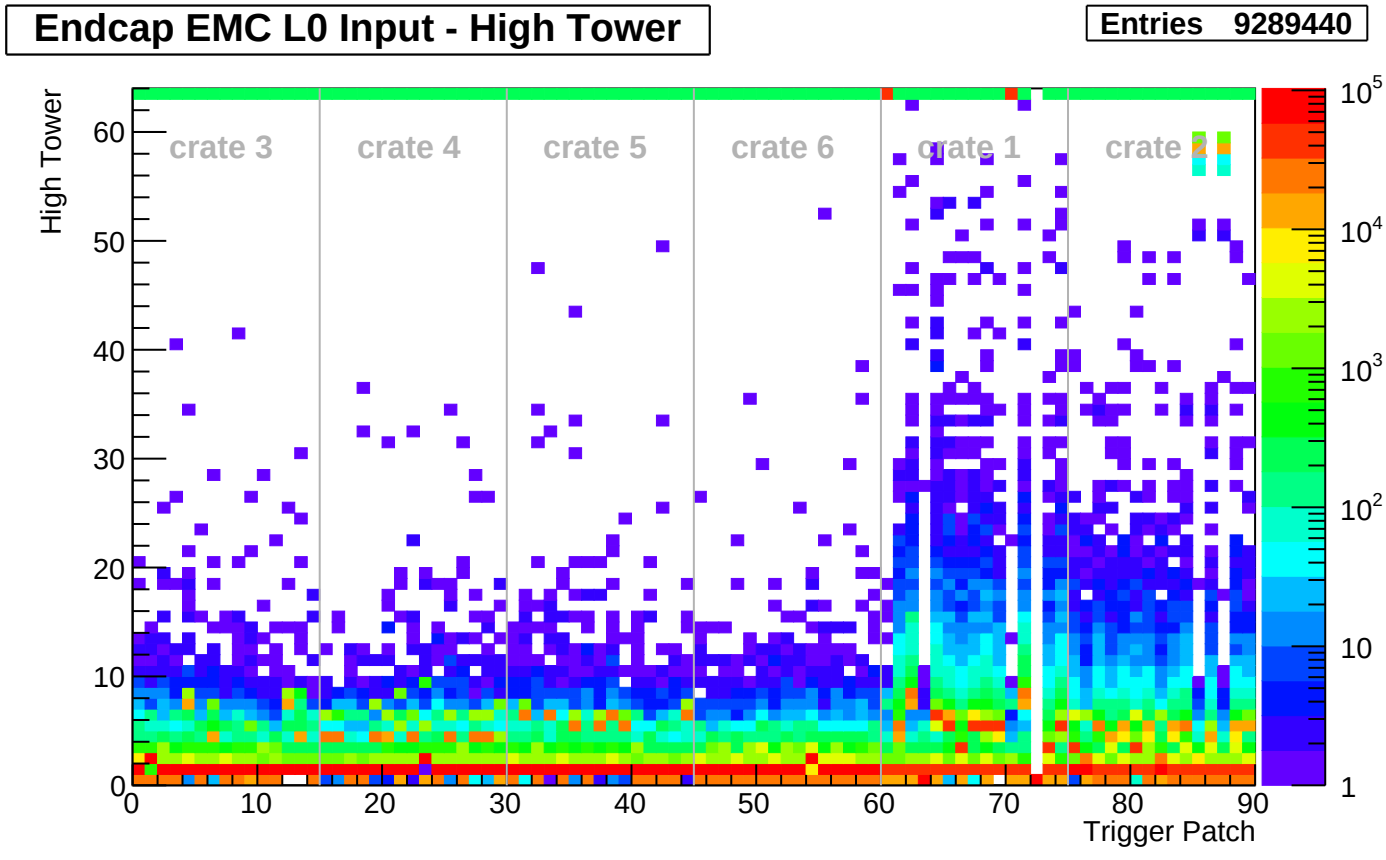
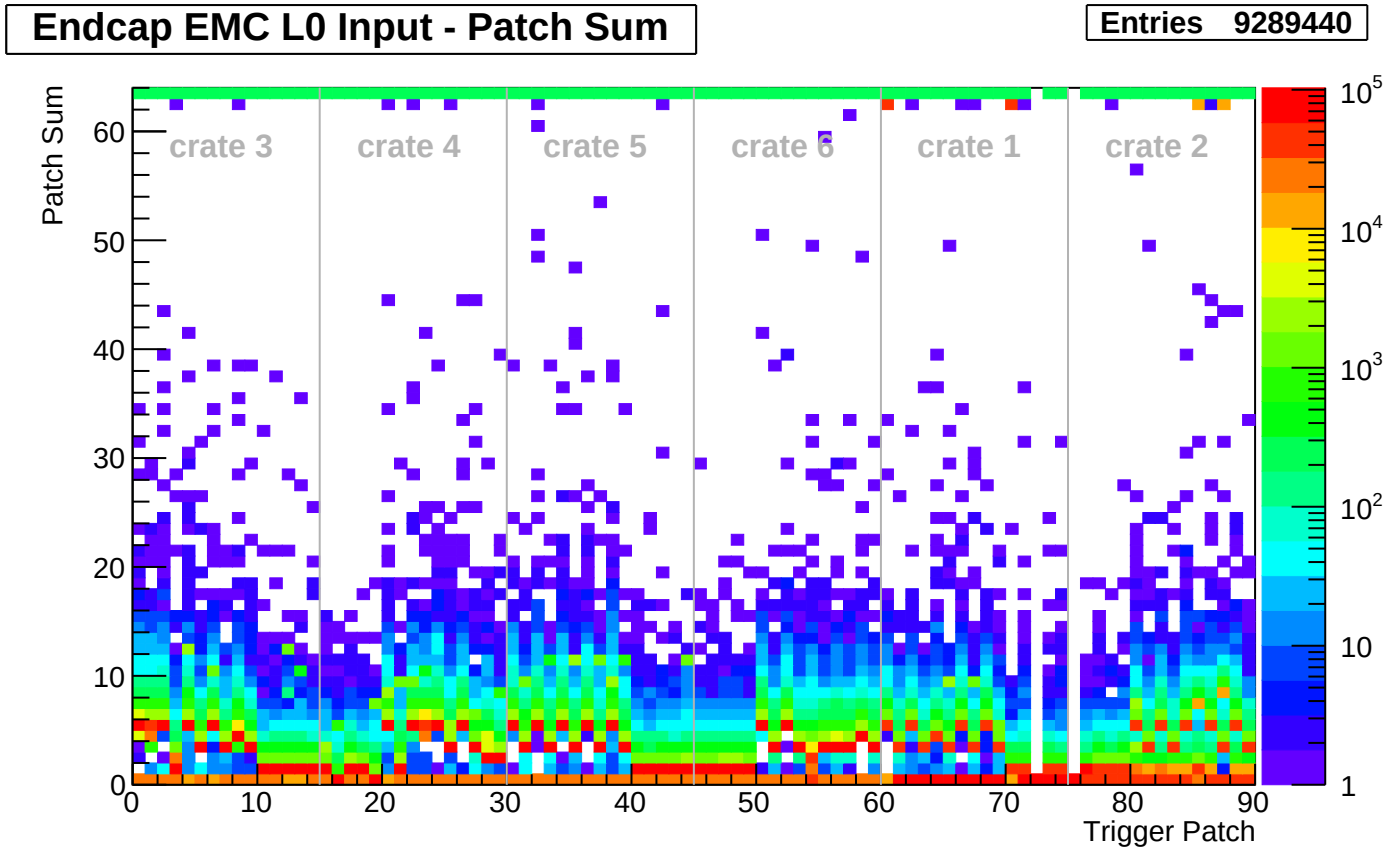
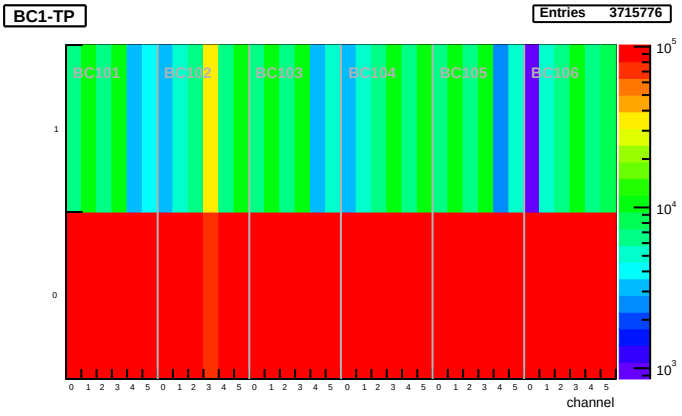
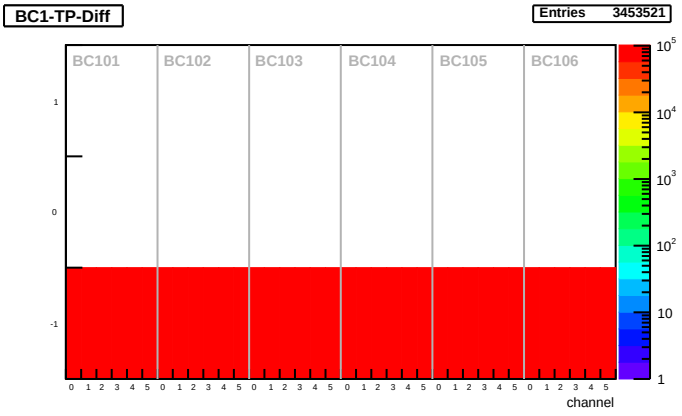

Barrel EMC L0 Input - High Tower
Entries 3.09648e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

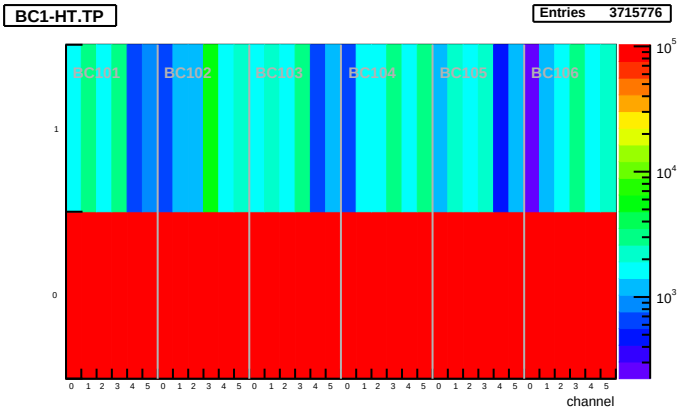

Barrel EMC L0 Input - Patch Sum
Entries 3.09648e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

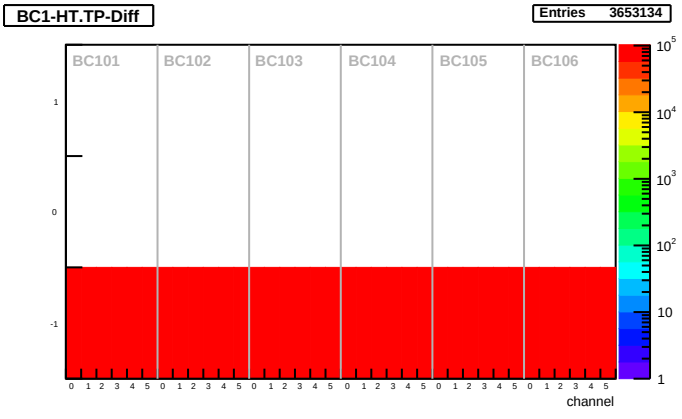

Endcap EMC L0 Input - High Tower
Entries 9289440
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

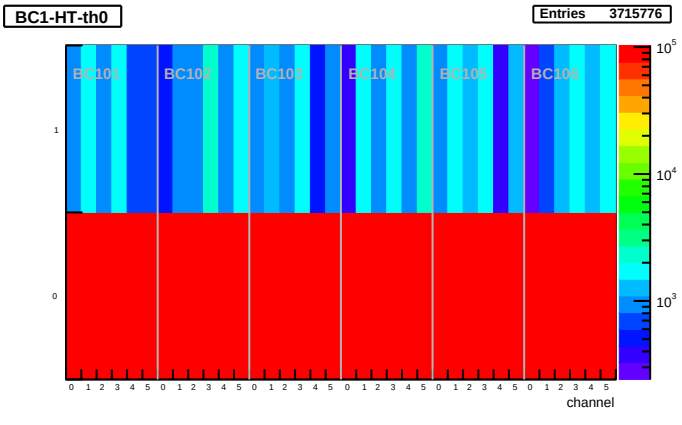

Endcap EMC L0 Input - Patch Sum
Entries 9289440
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

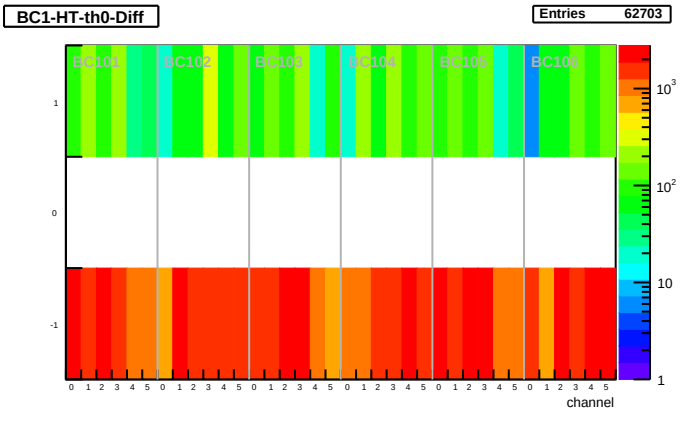

BC1-TP
Entries 3715776
BC101
BC102
BC103
BC104
BC105
BC106
channel

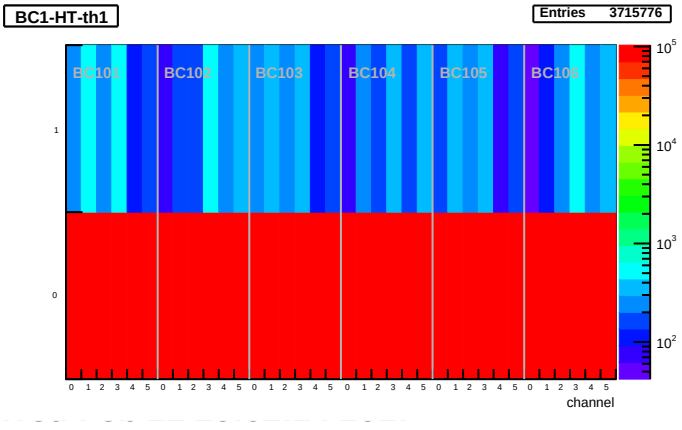

BC1-TP-Diff
Entries 3453521
BC101
BC102
BC103
BC104
BC105
BC106
channel

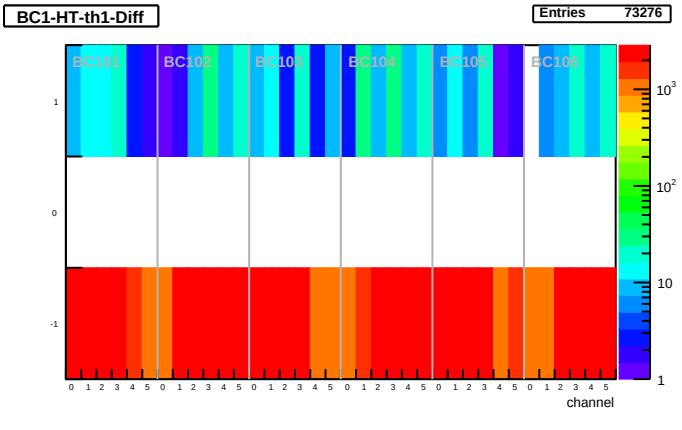

BC1-HT.TP
Entries 3715776
BC101
BC102
BC103
BC104
BC105
BC106
channel

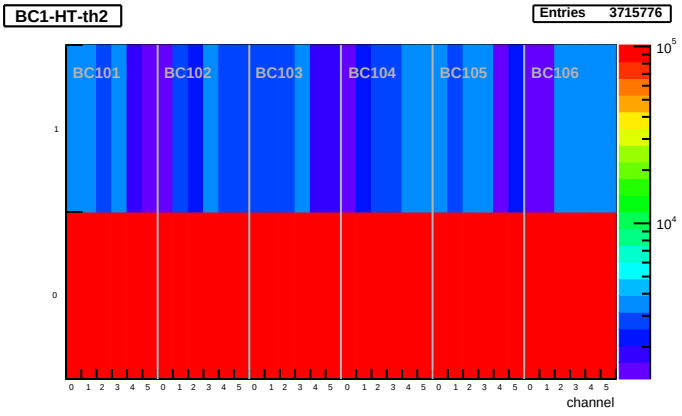

BC1-HT.TP-Diff
Entries 3653134
BC101
BC102
BC103
BC104
BC105
BC106
channel

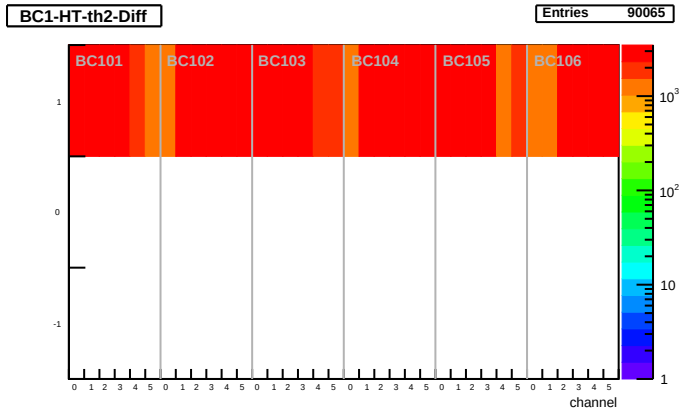

BC1-HT-th0
Entries 3715776
BC101
BC102
BC103
BC104
BC105
BC106
channel

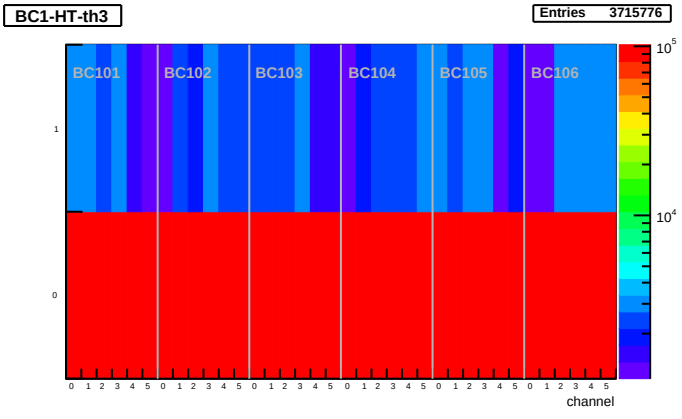

BC1-HT-th0-Diff
Entries 62703
BC101
BC102
BC103
BC104
BC105
BC106
channel

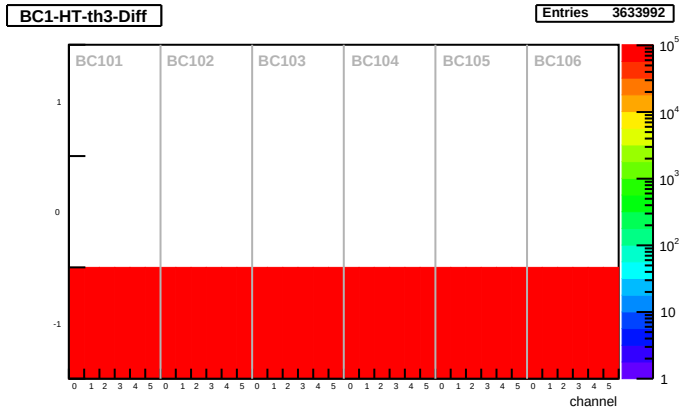

BC1-HT-th1
Entries 3715776
BC101
BC102
BC103
BC104
BC105
BC106
channel

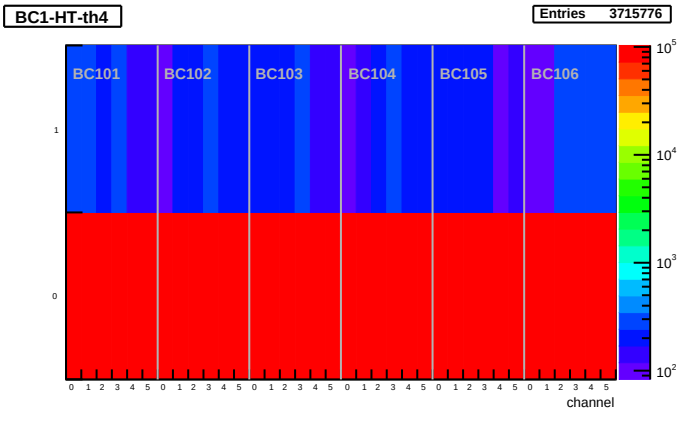

BC1-HT-th1-Diff
Entries 73276
BC101
BC102
BC103
BC104
BC105
BC106
channel

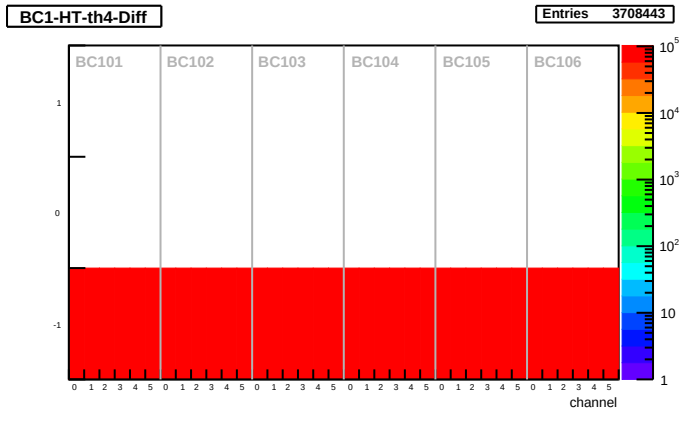

BC1-HT-th2
Entries 3715776
BC101
BC102
BC103
BC104
BC105
BC106
channel

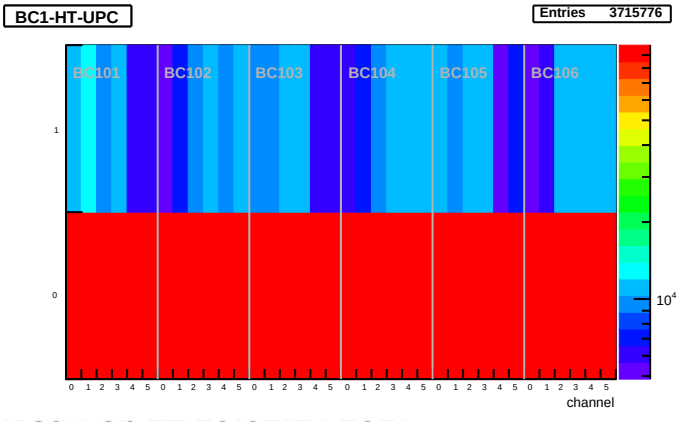

BC1-HT-th2-Diff
Entries 90065
BC101
BC102
BC103
BC104
BC105
BC106
channel

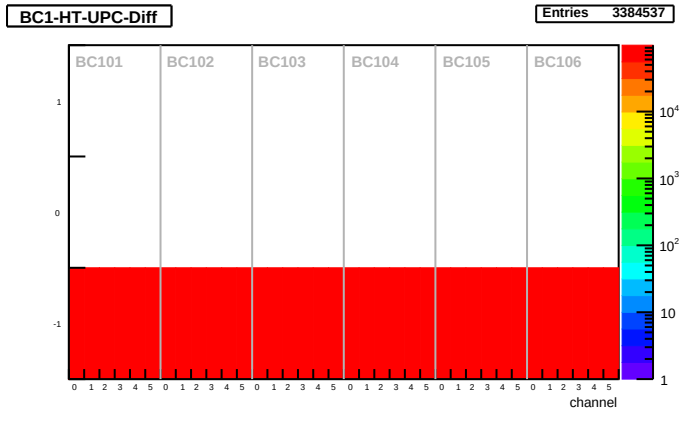

BC1-HT-th3
Entries 3715776
BC101
BC102
BC103
BC104
BC105
BC106
channel

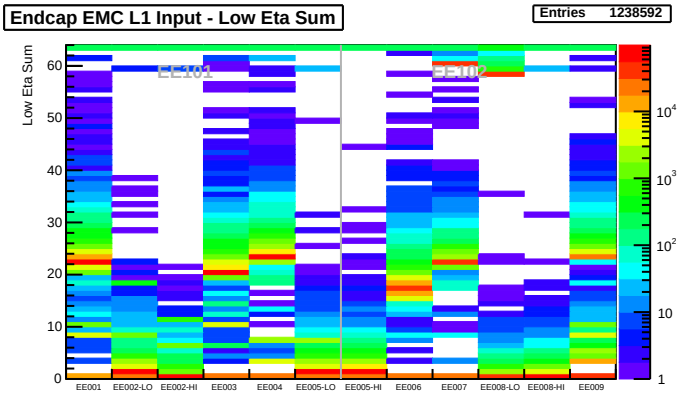

BC1-HT-th3-Diff
Entries 3633992
BC101
BC102
BC103
BC104
BC105
BC106
channel

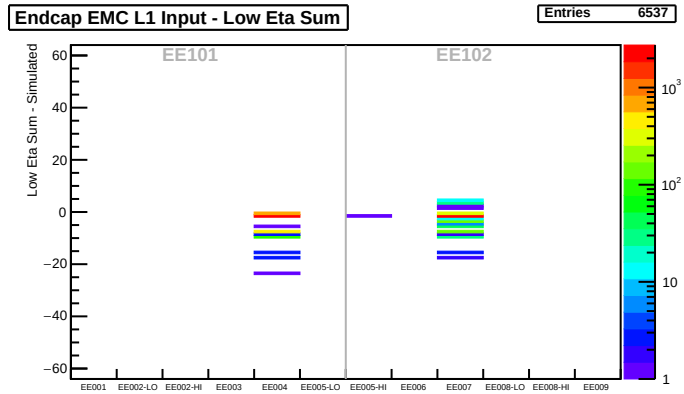

BC1-HT-th4
Entries 3715776
BC101
BC102
BC103
BC104
BC105
BC106
channel

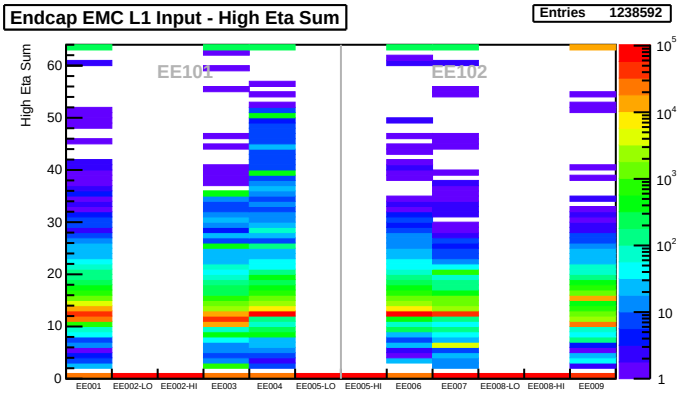

BC1-HT-th4-Diff
Entries 3708443
BC101
BC102
BC103
BC104
BC105
BC106
channel

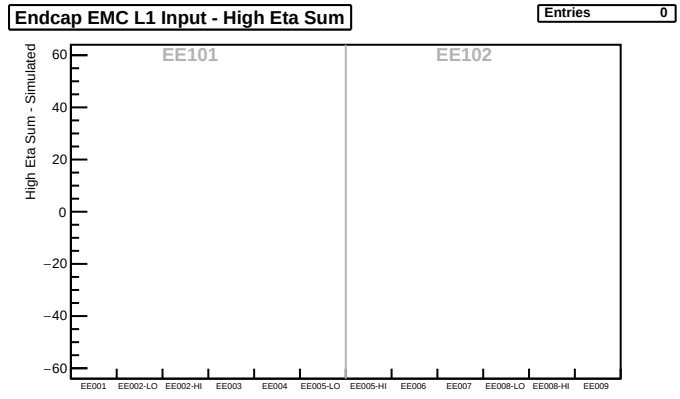

BC1-HT-UPC
Entries 3715776
BC101
BC102
BC103
BC104
BC105
BC106
channel

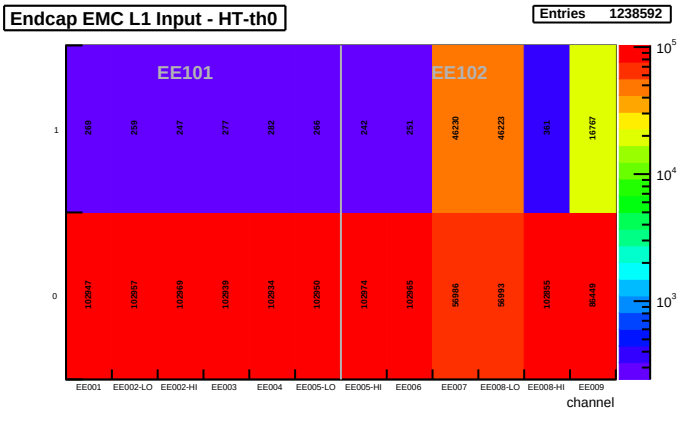

BC1-HT-UPC-Diff
Entries 3384537
BC101
BC102
BC103
BC104
BC105
BC106
channel

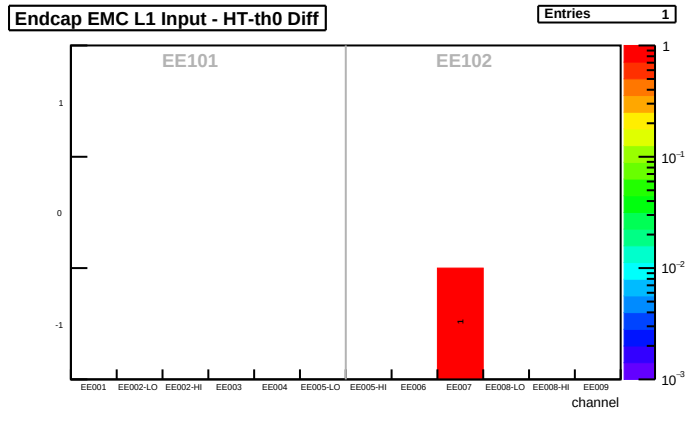

Endcap EMC L1 Input - Low Eta Sum
Entries 1238592
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

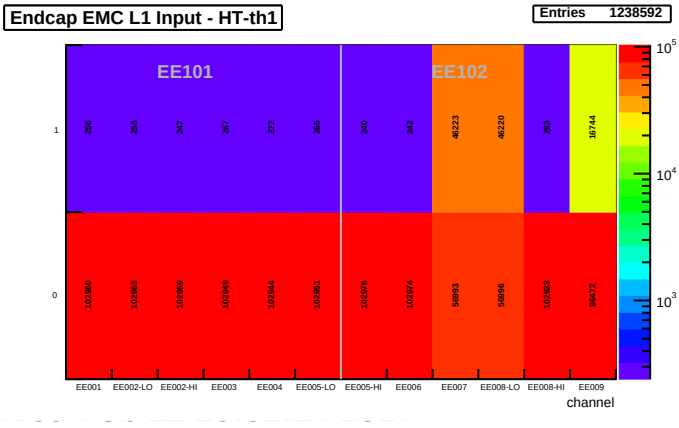

Endcap EMC L1 Input - Low Eta Sum
Entries 6537
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

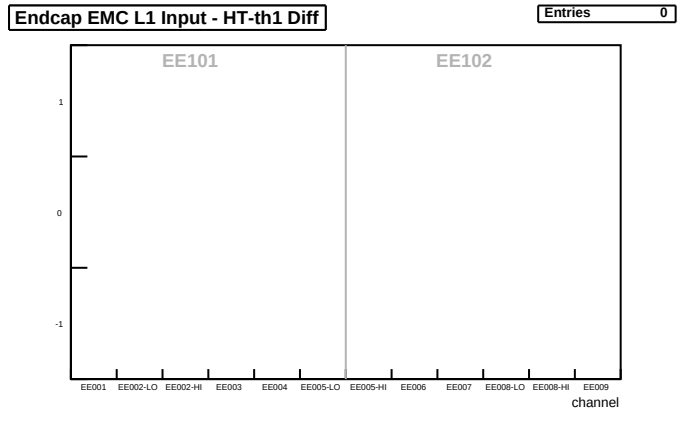

Endcap EMC L1 Input - High Eta Sum
Entries 1238592
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

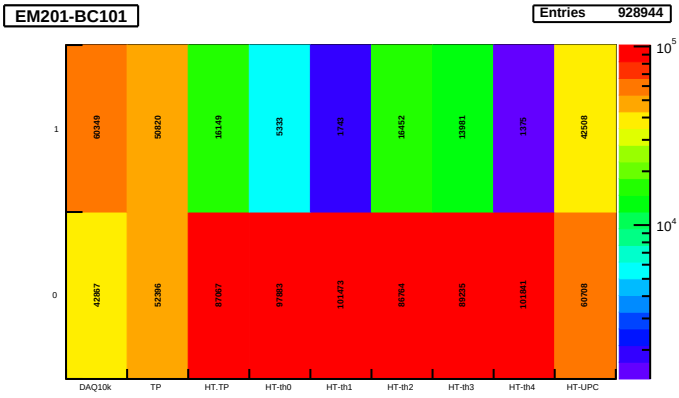

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

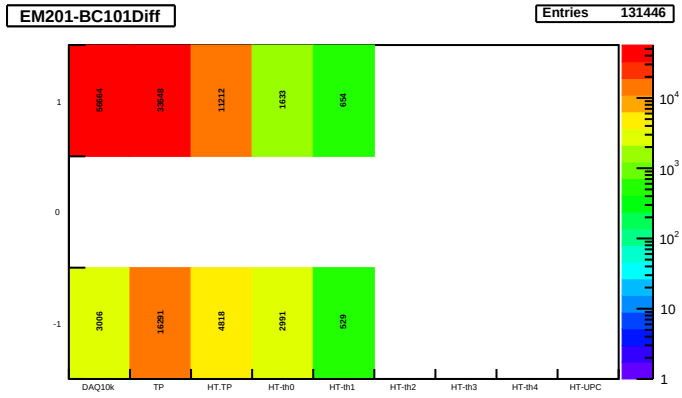

Endcap EMC L1 Input - HT-th0
Entries 1238592
EE101
EE102
259 259 247 277 232 266 242 251 46230 46223 361 16767
102947 102957 102969 102939 102934 102950 102974 102965 56986 56993 102955 86449
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

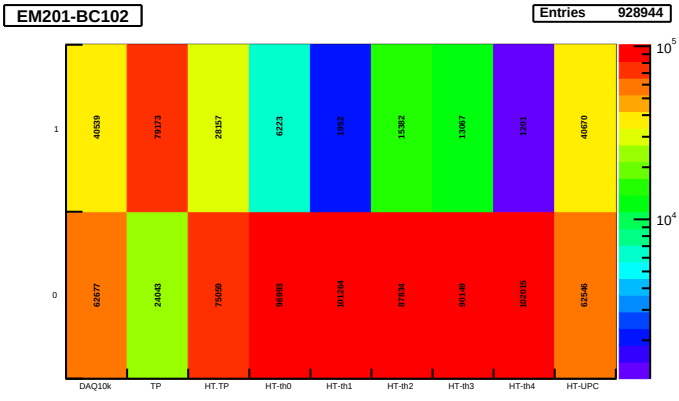

Endcap EMC L1 Input - HT-th0 Diff
Entries 1
EE101
EE102
1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

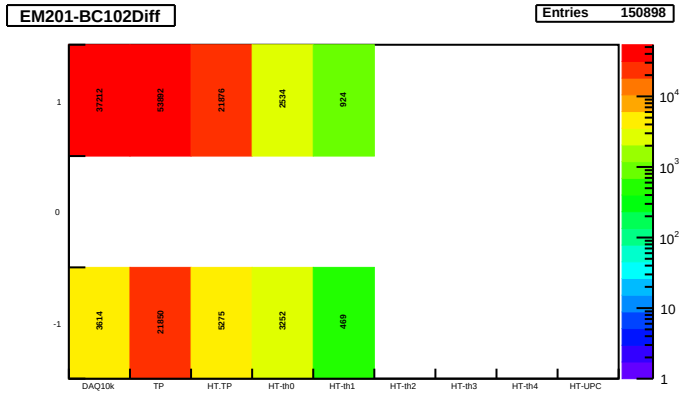

Endcap EMC L1 Input - HT-th1
Entries 1238592
EE101
EE102
256 253 247 267 272 265 240 242 46223 46220 293 16744
102960 102963 102969 102949 102944 102951 102976 102974 56993 56996 102923 86472
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

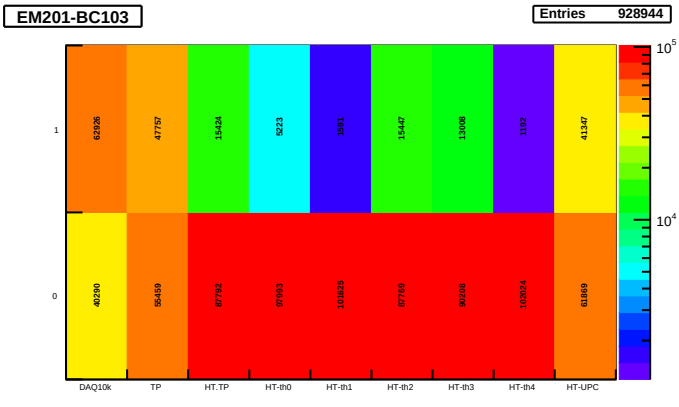

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

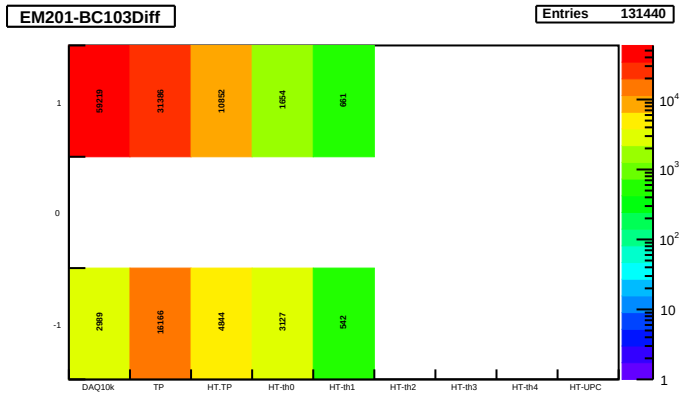

EM201-BC101
Entries 928944
1
0
60349
50820
16149
5333
1743
16452
13981
1375
42508
42867
52396
87867
97883
101473
86784
89235
101941
60708
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4

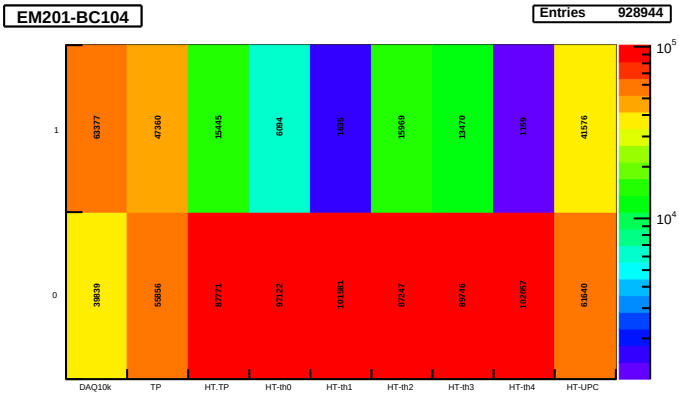

EM201-BC101Diff
Entries 131446
1
0
-1
56654
33848
11212
1633
654
3006
16291
4818
2991
529
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

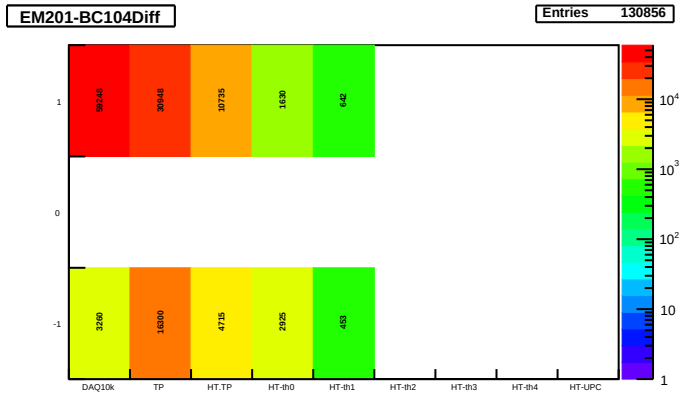

EM201-BC102
Entries 928944
1
0
40509
79173
28157
6223
1952
15382
13067
1201
40670
62677
24043
75059
96993
101264
87834
90149
102015
62546
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC102Diff
Entries 150898
1
0
-1
37212
53892
21876
2534
924
3614
21850
5275
3252
469
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

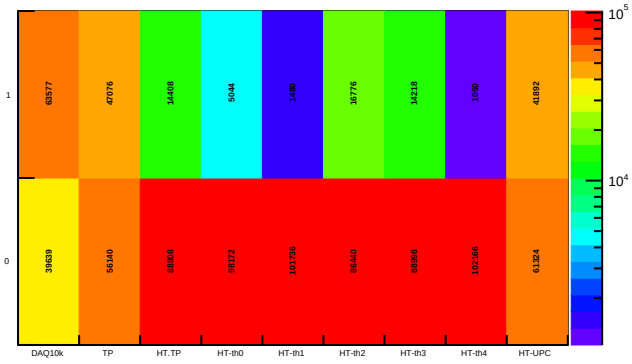

EM201-BC103
Entries 928944
1
0
62926
47757
15424
5223
1591
15447
13008
1192
41347
40290
55459
87732
97993
101625
87769
90208
103024
61869
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC103Diff
Entries 131440
1
0
-1
59219
31386
10852
1654
661
2989
16166
4944
3127
542
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

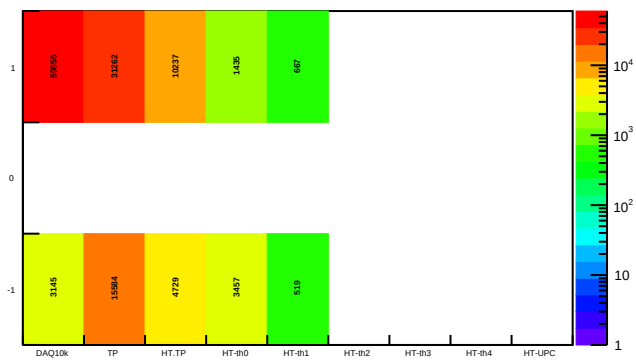

EM201-BC104
Entries 928944
1
0
63377
47360
15445
6084
1635
15969
13470
1159
41576
38839
55856
87771
97122
101831
87247
89746
102657
61640
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC104Diff
Entries 130856
1
0
-1
59248
30948
10735
1630
642
3280
16300
4715
2925
453
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

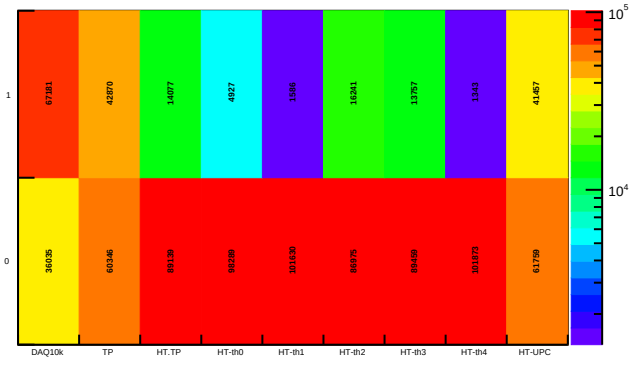
EM201-BC105 Entries 928944



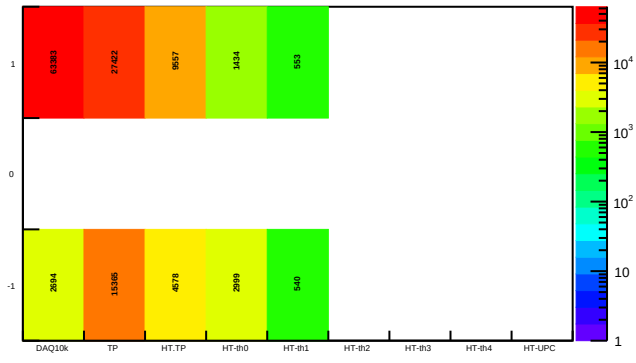
EM201-BC105Diff Entries 130691



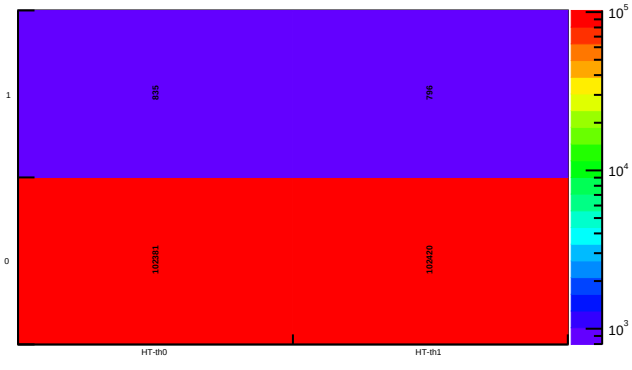
EM201-BC106 Entries 928944



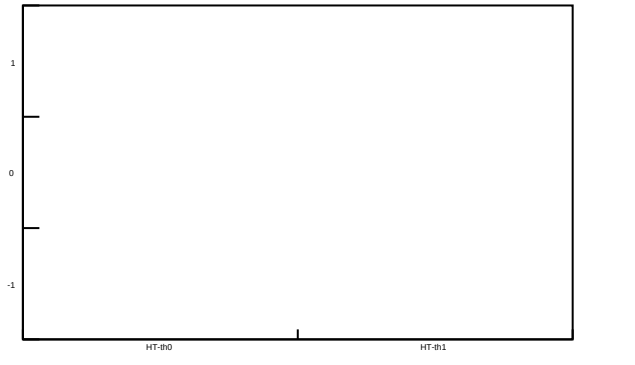
EM201-BC106Diff Entries 128525



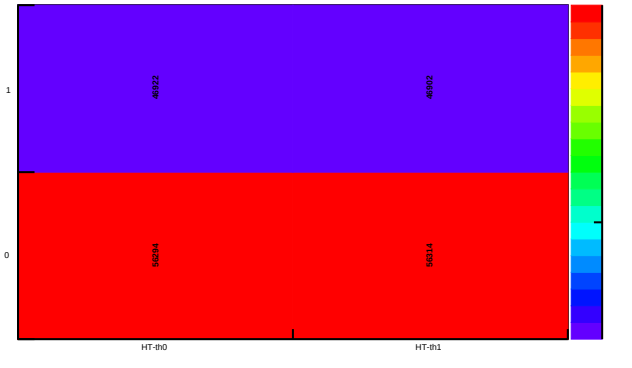
EM201-EE101 Entries 206432



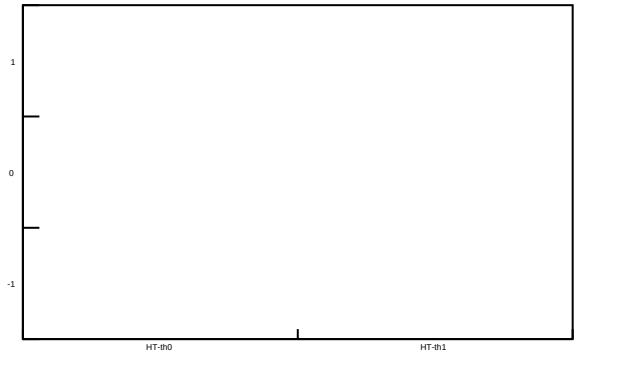
EM201-EE101Diff Entries 0

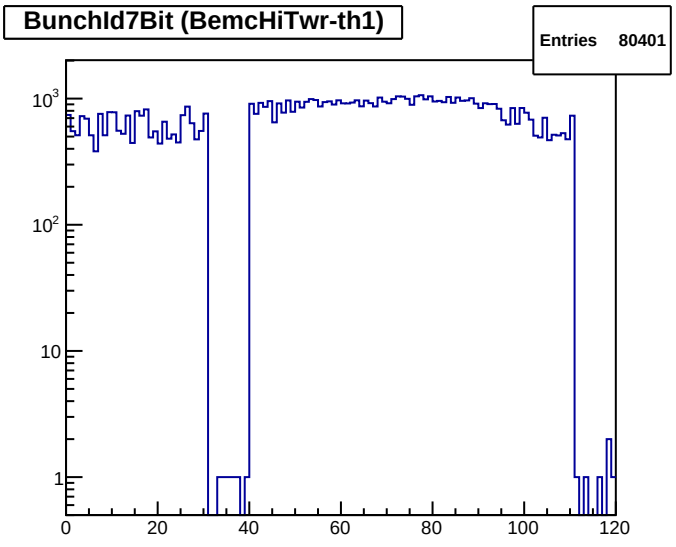


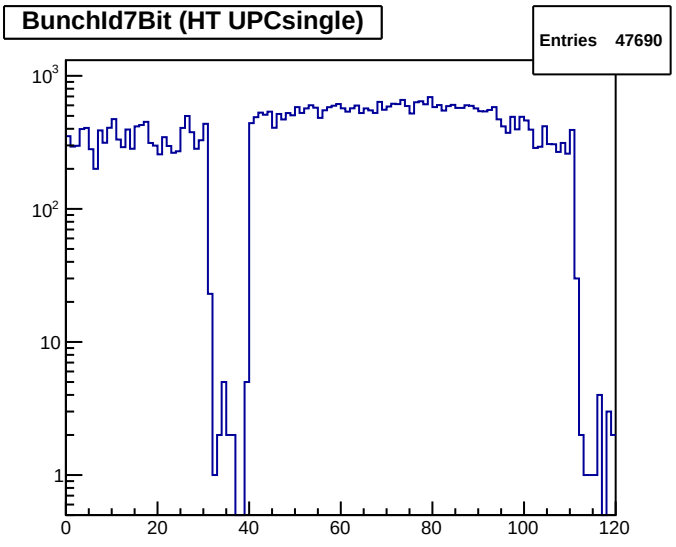
EM201-EE102 Entries 206432

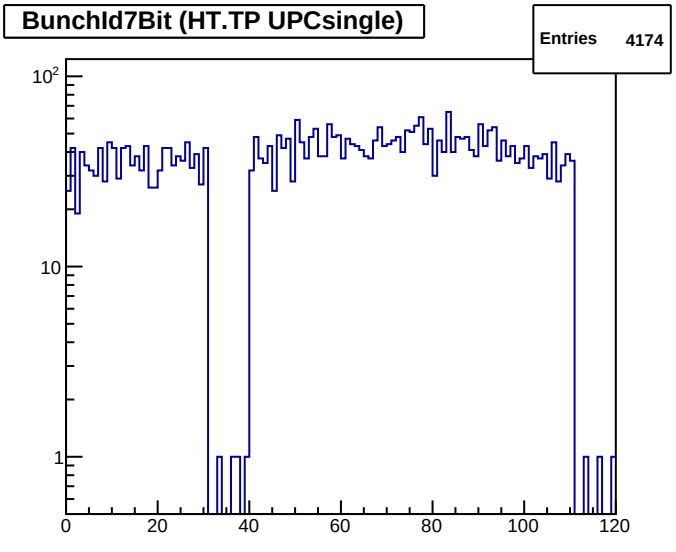


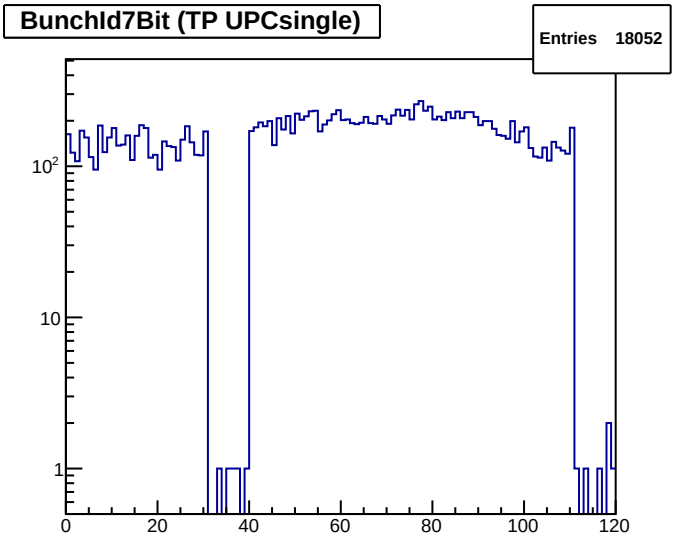
EM201-EE102Diff Entries 0

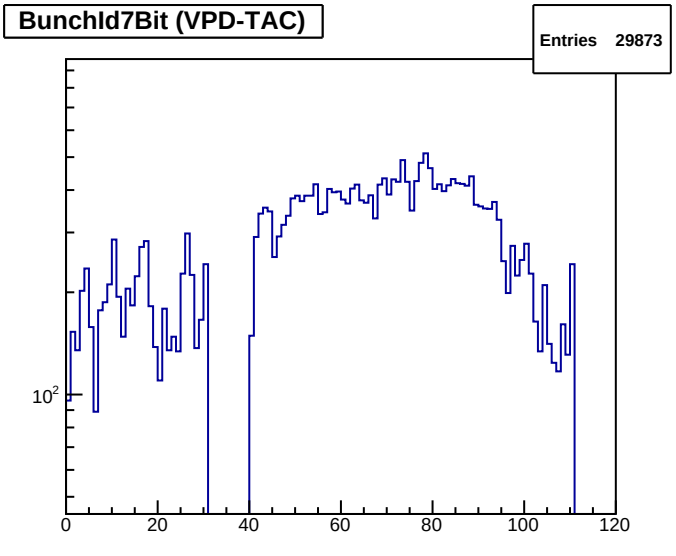


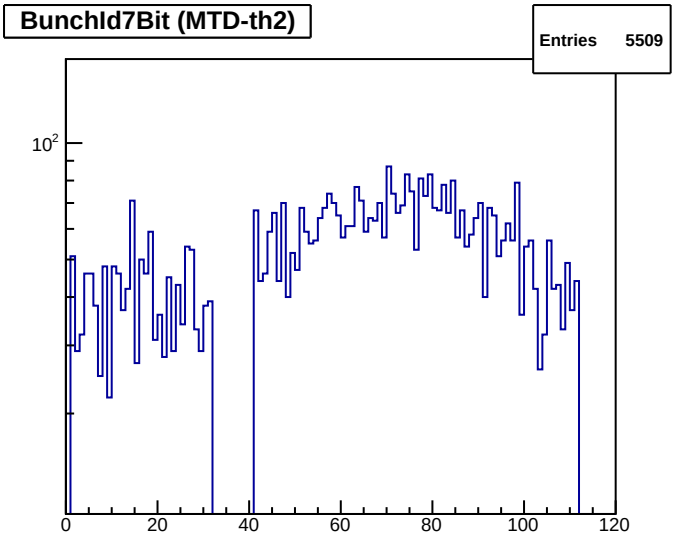

BunchId7Bit (BemcHiTwr-th1)
Entries 80401
10^3
10^2
10
1
0
20
40
60
80
100
120

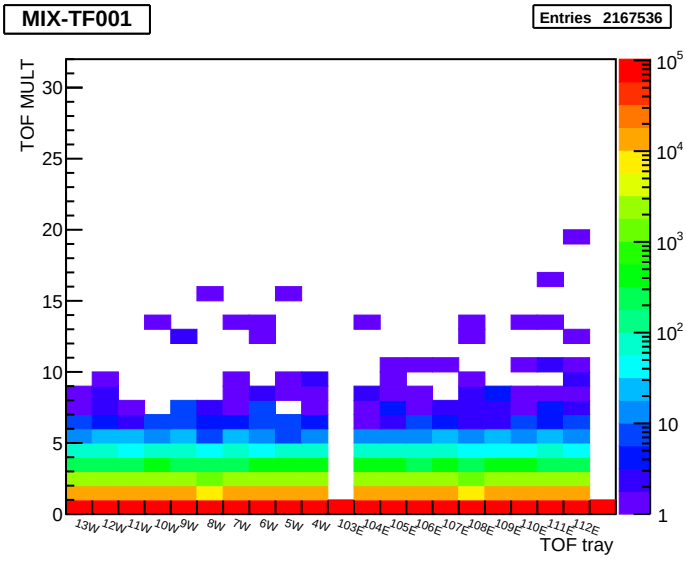

BunchId7Bit (HT UPCsingle)
Entries 47690
10^3
10^2
10
1
0
20
40
60
80
100
120

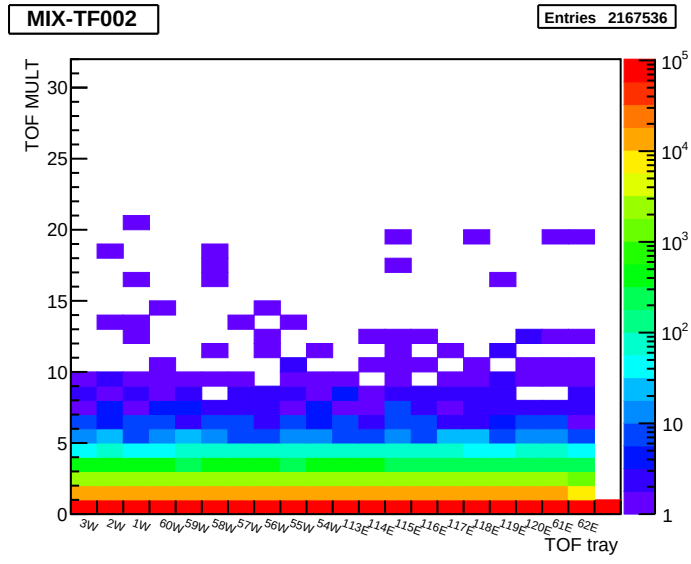

BunchId7Bit (HT.TP UPCsingle)
Entries 4174
10^2
10
1
0
20
40
60
80
100
120

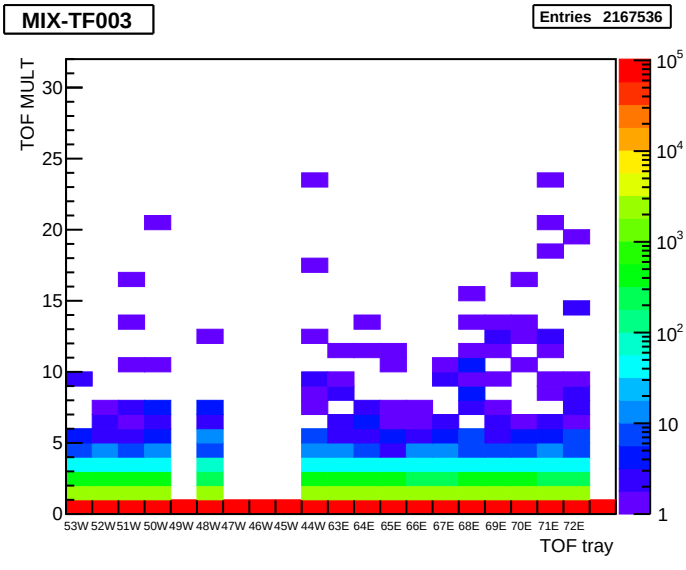

BunchId7Bit (TP UPCsingle)
Entries 18052
10^2
10
1
0
20
40
60
80
100
120

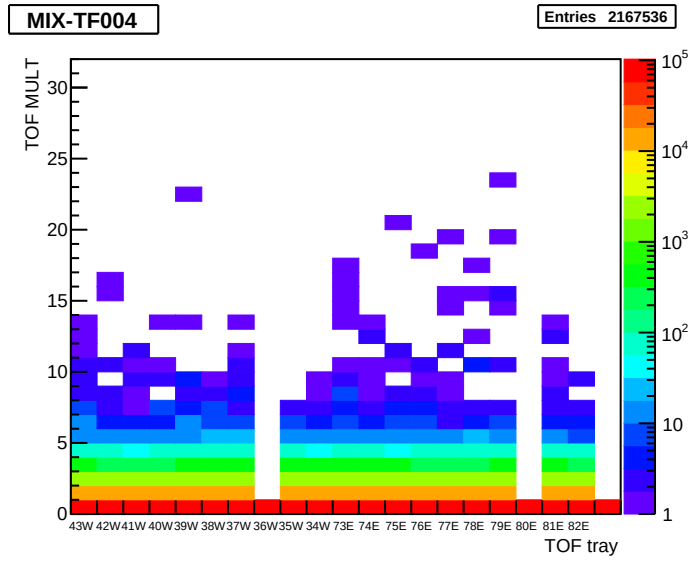

BunchId7Bit (VPD-TAC)
Entries 29873
10^2
0
20
40
60
80
100
120

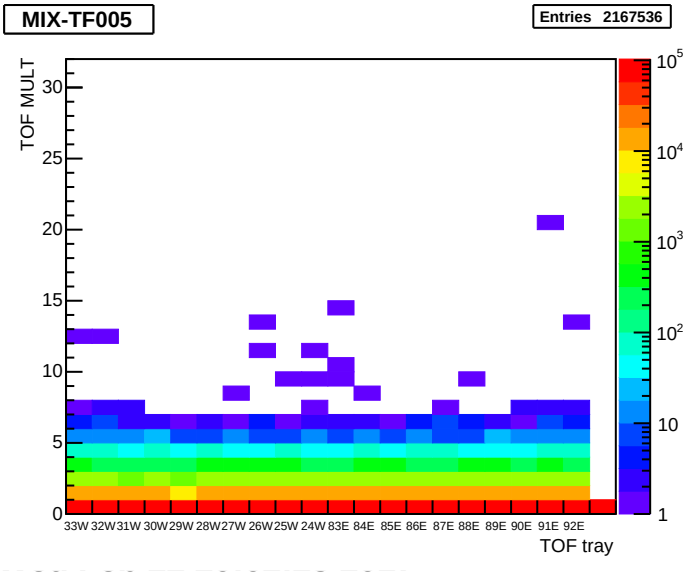

BunchId7Bit (MTD-th2)
Entries 5509
10^2
0
20
40
60
80
100
120

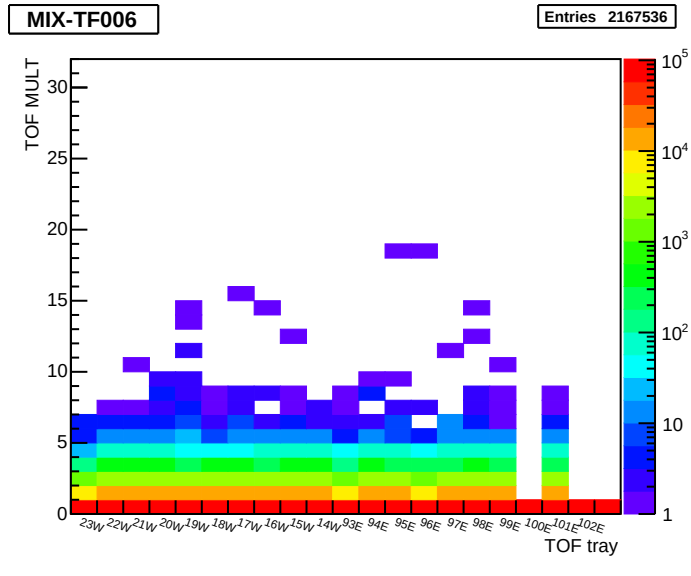

MIX-TF001
Entries 2167536
TOF MULT
TOF tray

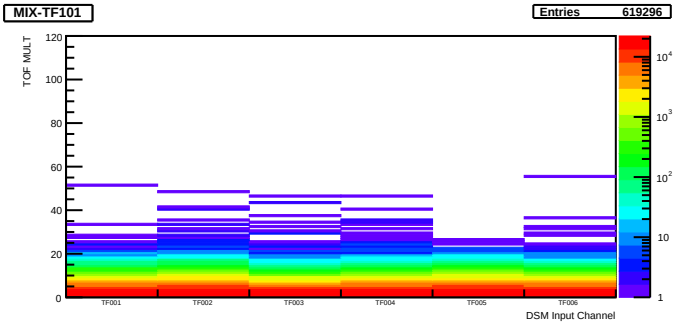

MIX-TF002
Entries 2167536
TOF MULT
TOF tray

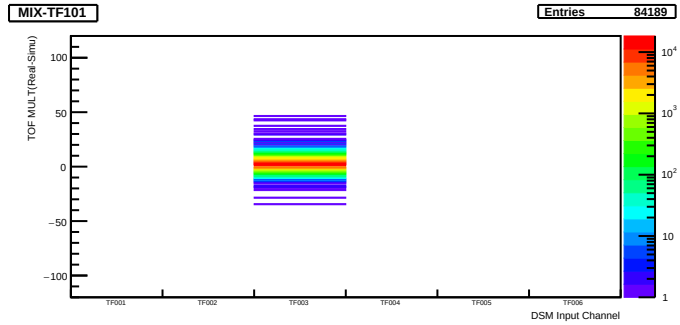

MIX-TF003
Entries 2167536
TOF MULT
TOF tray

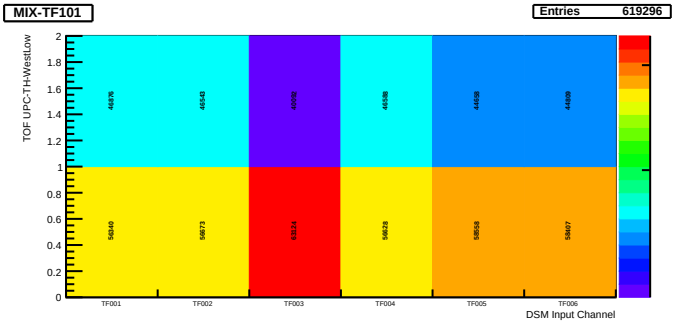

MIX-TF004
Entries 2167536
TOF MULT
TOF tray

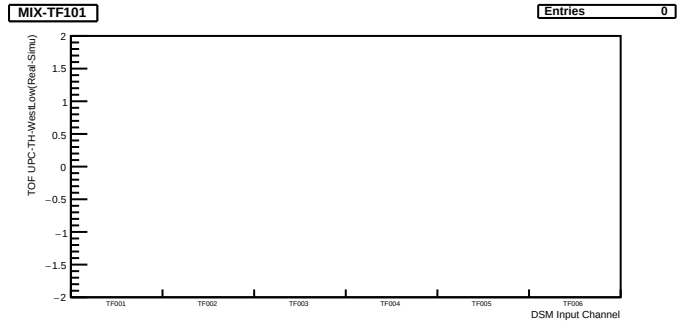

MIX-TF005
Entries 2167536
TOF MULT
TOF tray

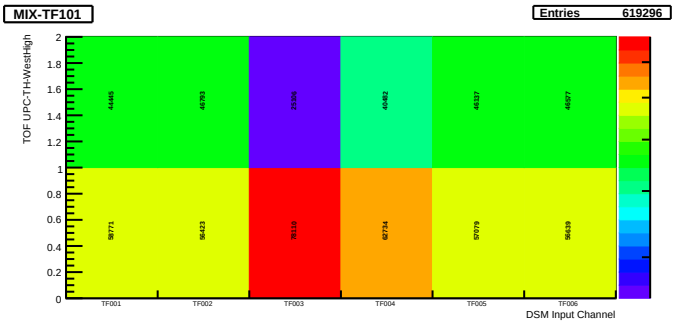

MIX-TF006
Entries 2167536
TOF MULT
TOF tray

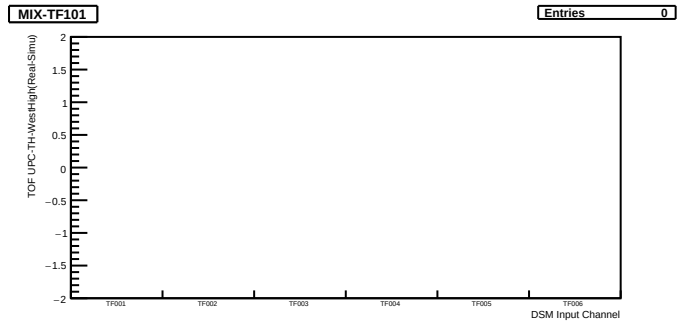

MIX-TF101
Entries 619296
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

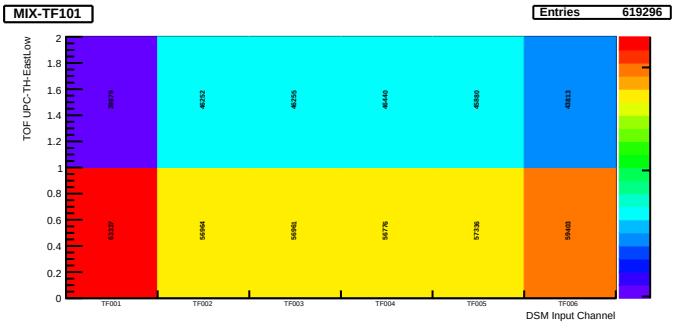

MIX-TF101
Entries 84189
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

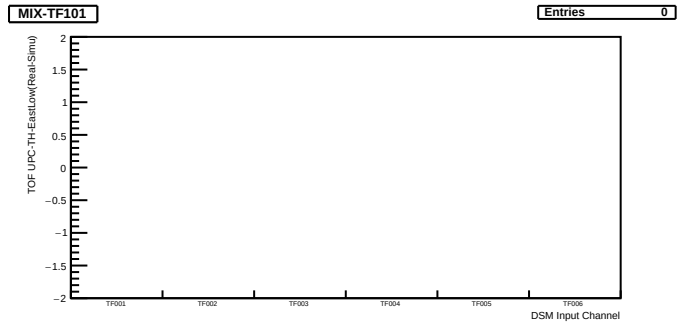

MIX-TF101
Entries 619296
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

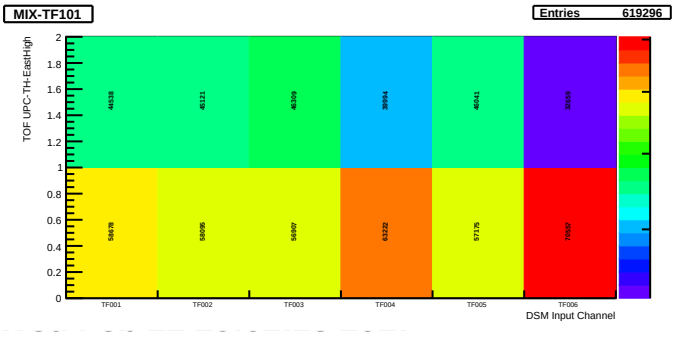

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

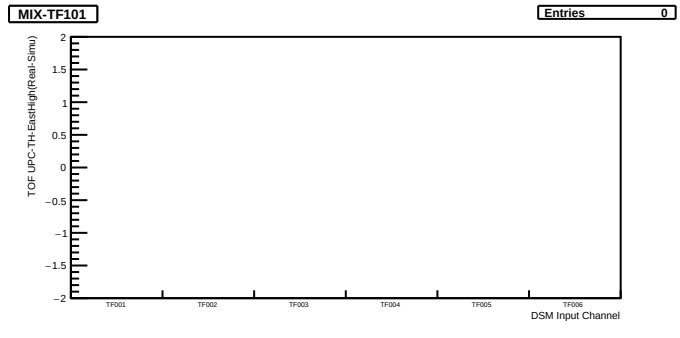

MIX-TF101
Entries 619296
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

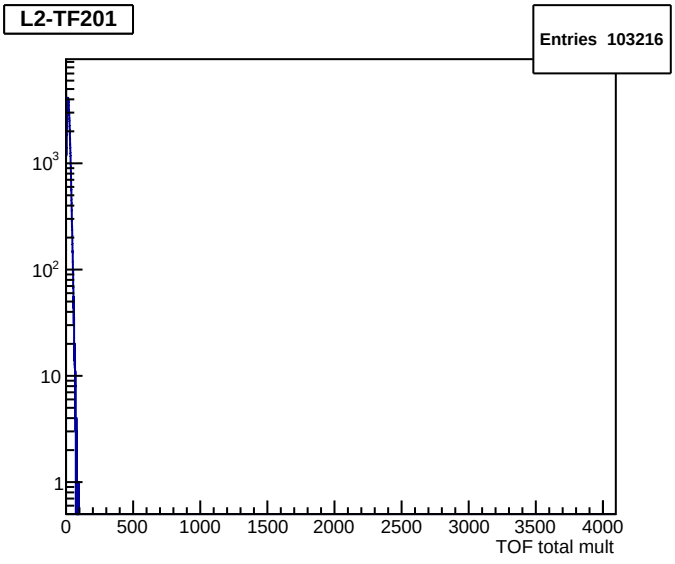

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

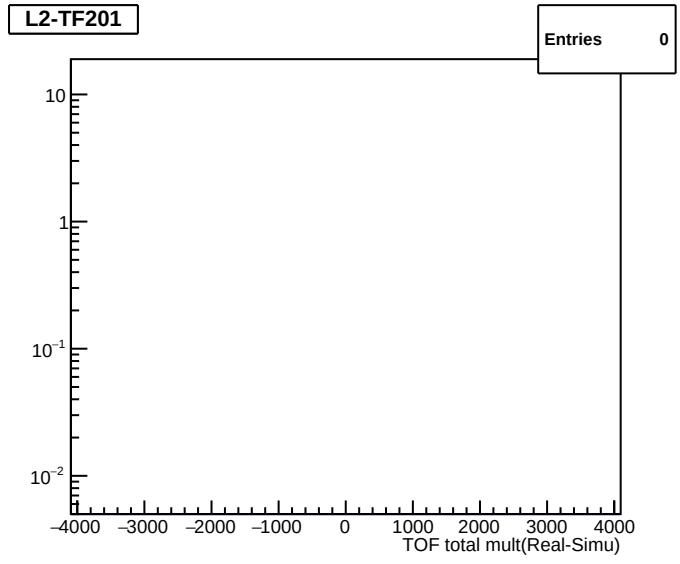

MIX-TF101
Entries 619296
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

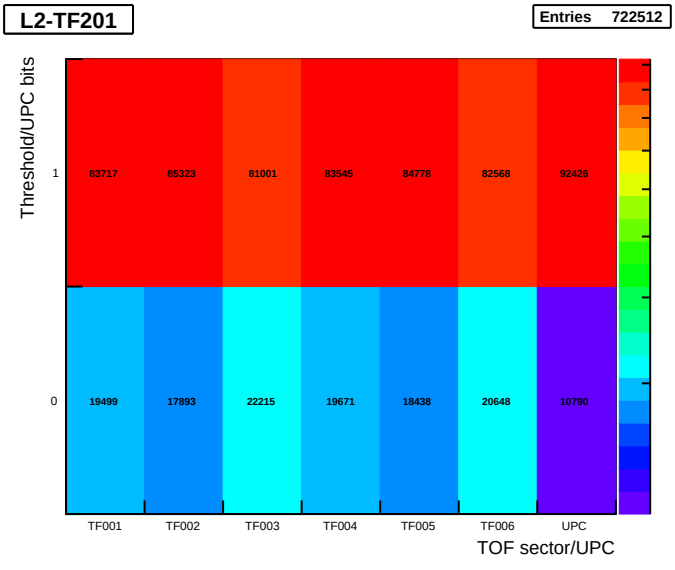

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

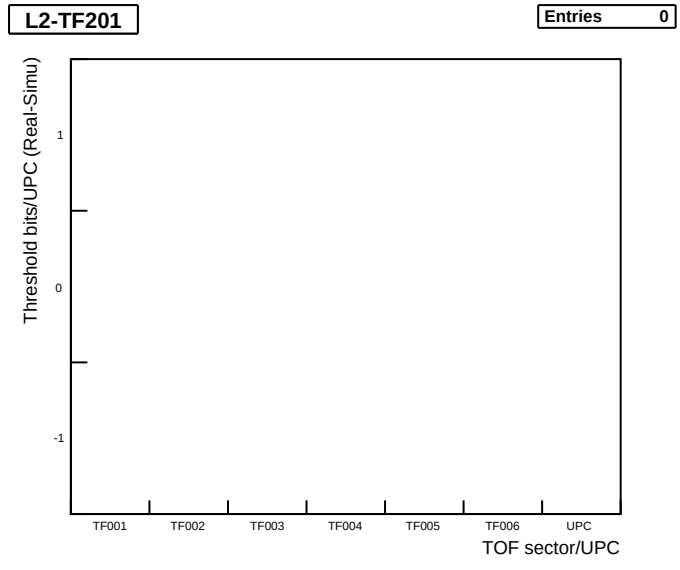

MIX-TF101
Entries 619296
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

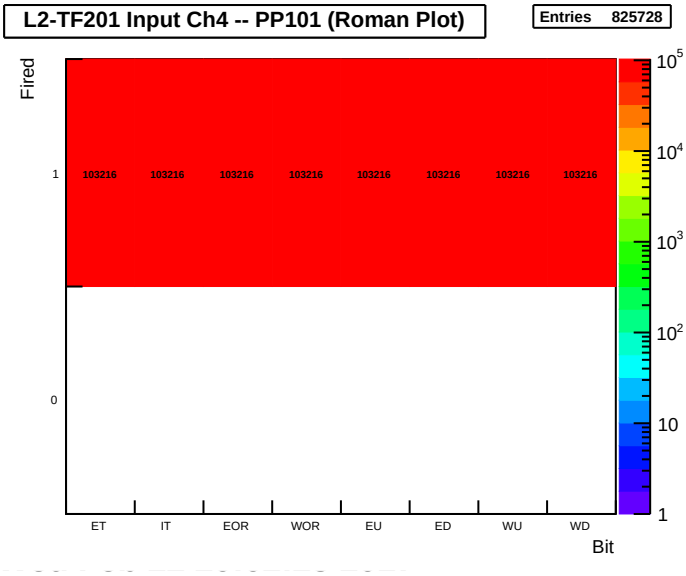

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

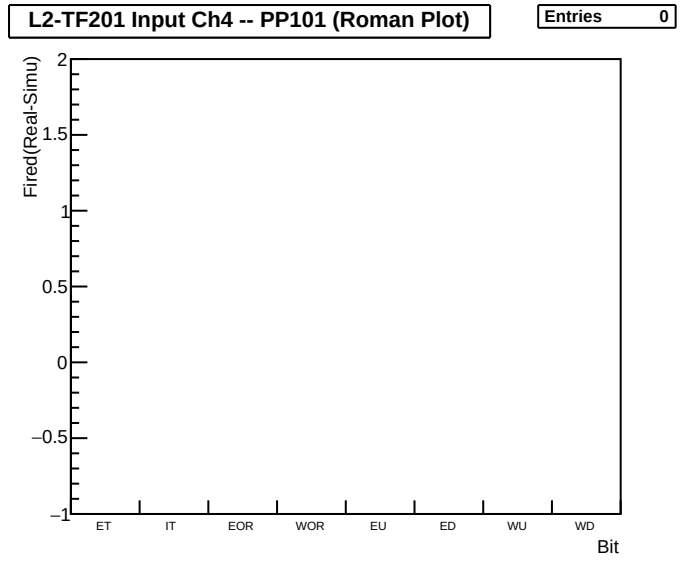

L2-TF201
Entries 103216
TOF total mult

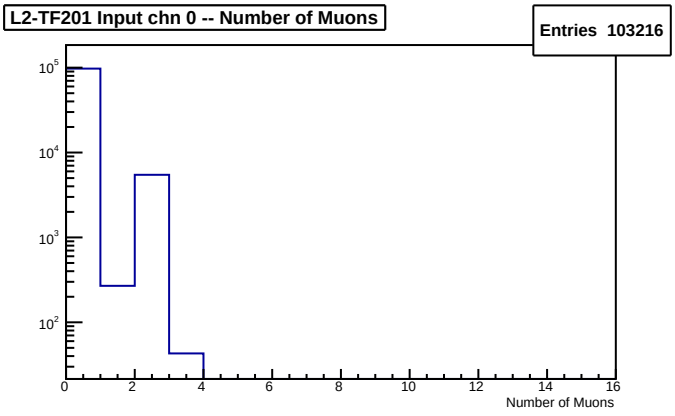

L2-TF201
Entries 0
TOF total mult(Real-Simu)

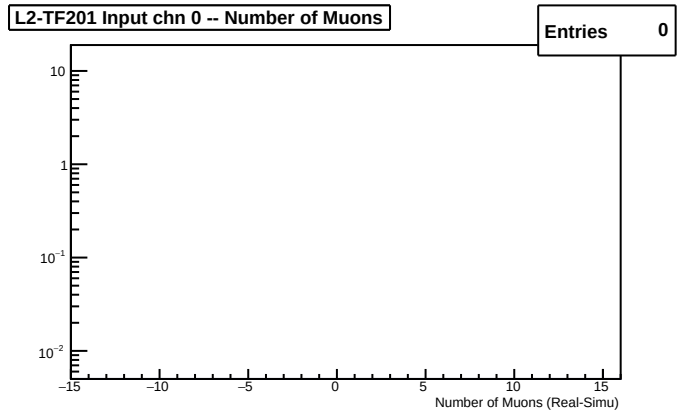

L2-TF201
Entries 722512
Threshold/UPC bits
83717
85323
81001
83545
84778
82568
92426
19499
17893
22215
19671
18438
20648
10790
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

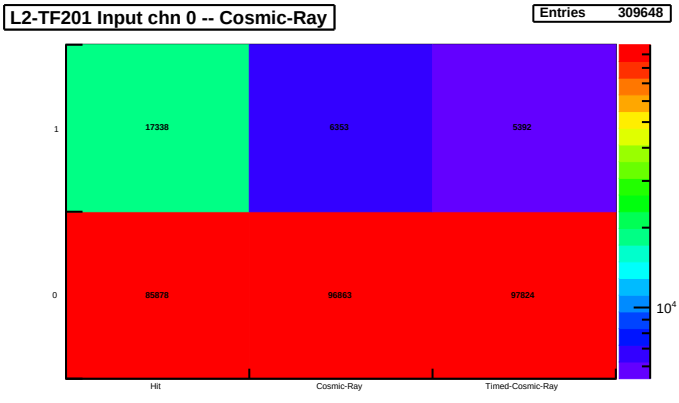

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

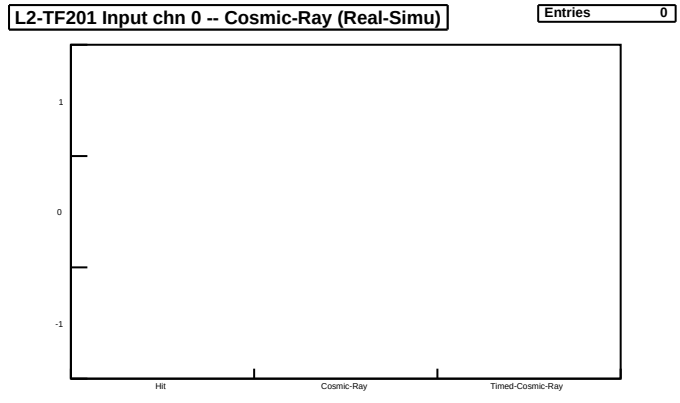

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 825728
Fired
103216
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

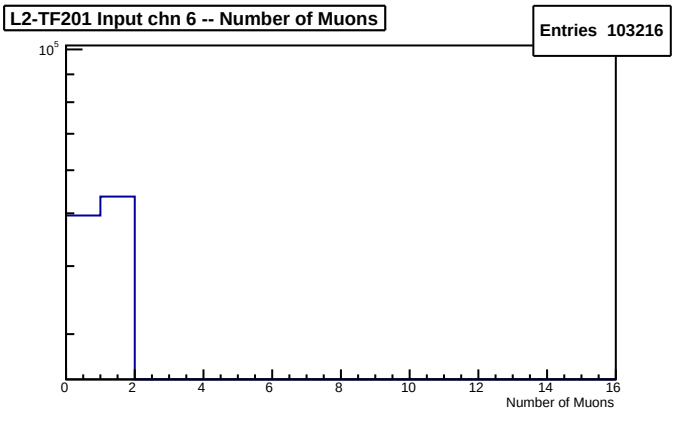

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

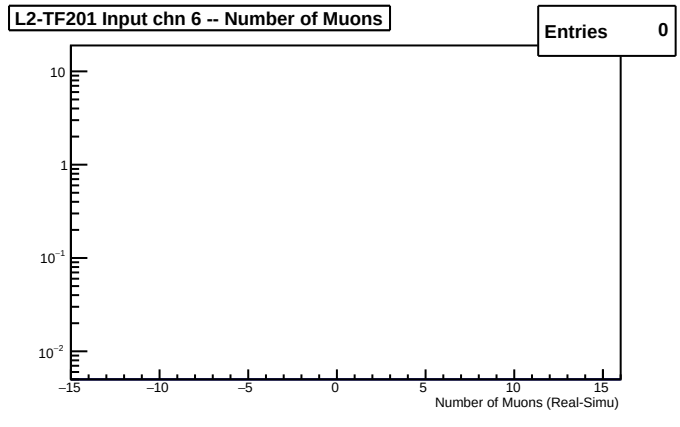

L2-TF201 Input chn 0 -- Number of Muons
Entries 103216
Number of Muons

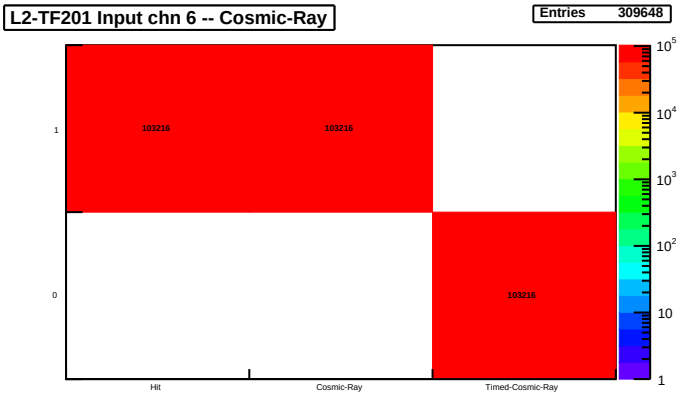

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

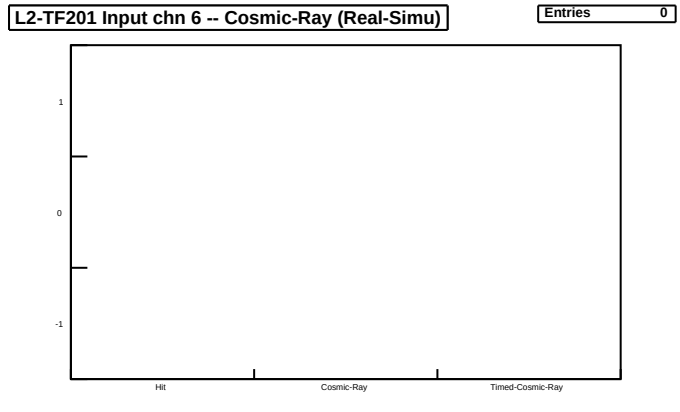

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 309648
17338
6353
5392
85878
96863
97824
Hit
Cosmic-Ray
Timed-Cosmic-Ray

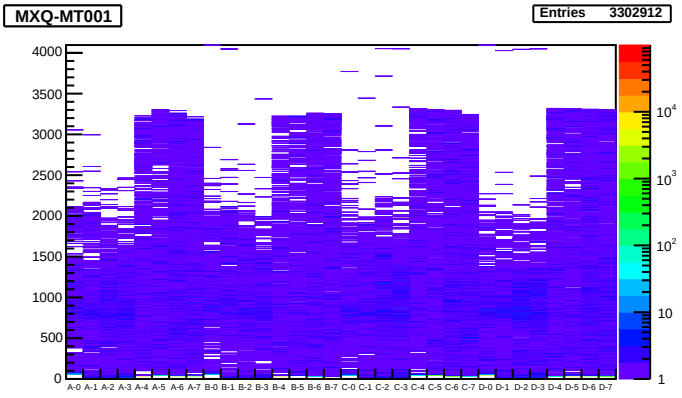

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

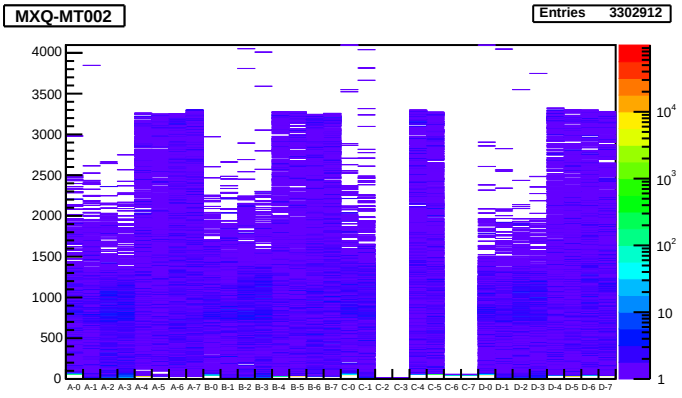

L2-TF201 Input chn 6 -- Number of Muons
Entries 103216
Number of Muons

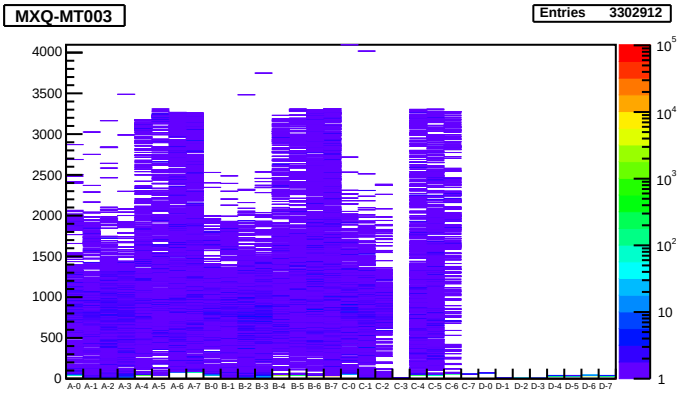

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

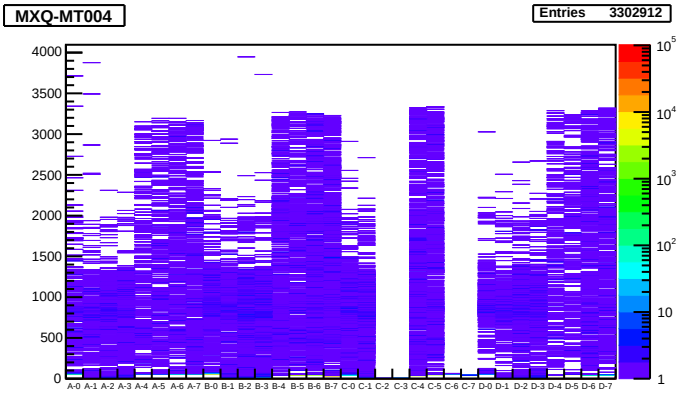

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 309648
103216
103216
103216
Hit
Cosmic-Ray
Timed-Cosmic-Ray

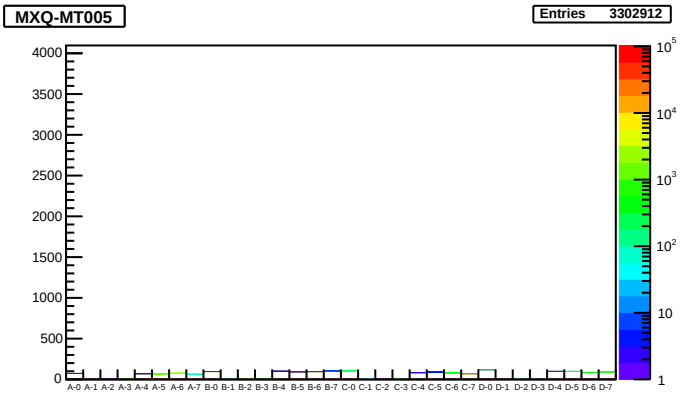

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

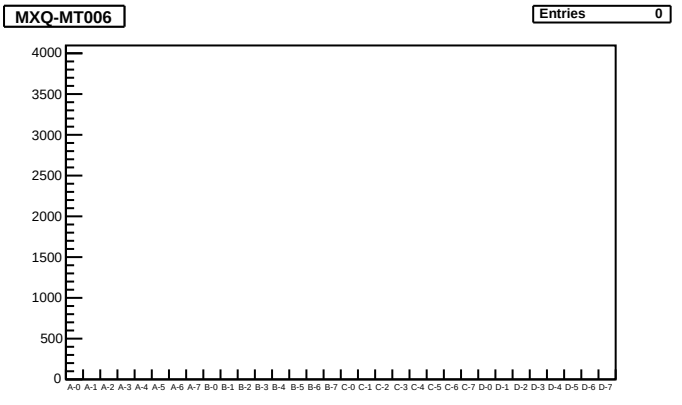

MXQ-MT001
Entries 3302912

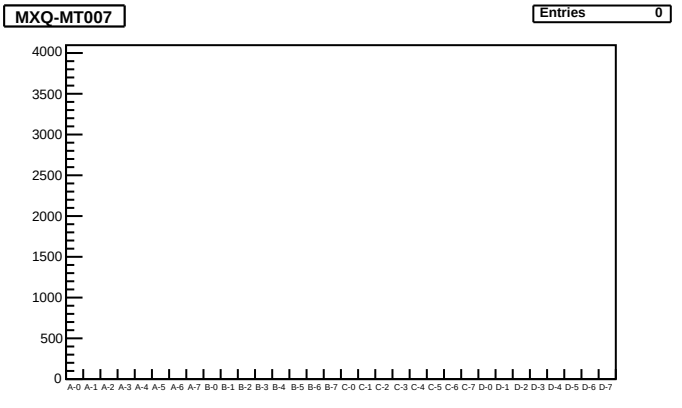

MXQ-MT002
Entries 3302912

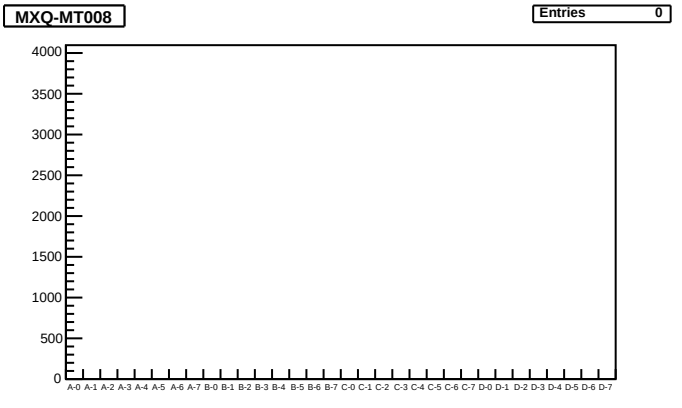

MXQ-MT003
Entries 3302912

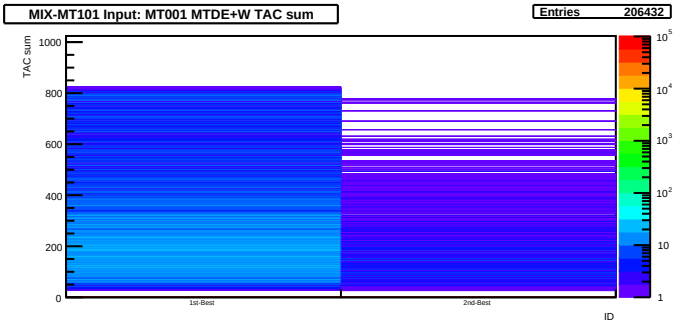

MXQ-MT004
Entries 3302912

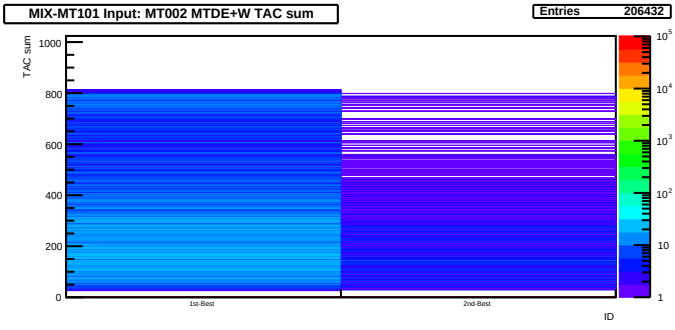

MXQ-MT005
Entries 3302912

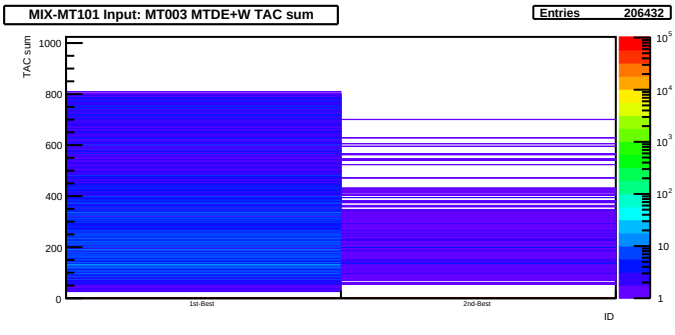

MXQ-MT006
Entries 0

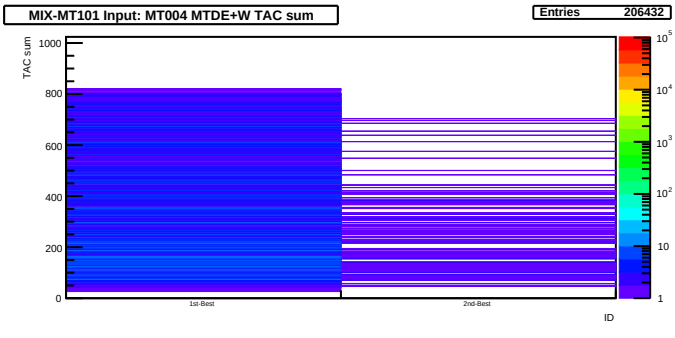

MXQ-MT007
Entries 0

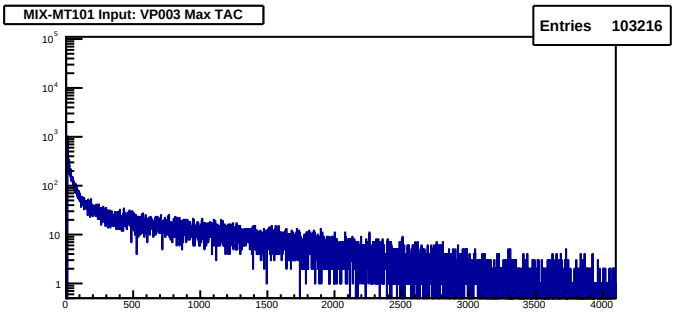

MXQ-MT008
Entries 0

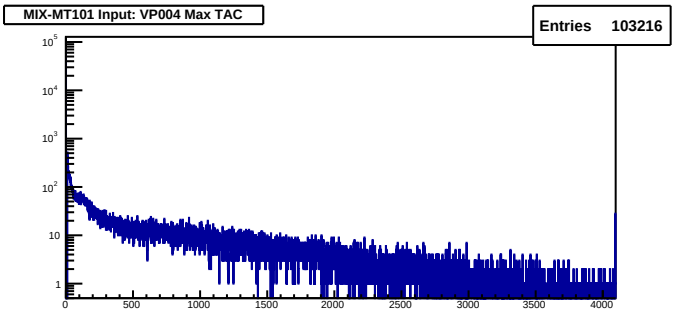

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 206432
TAC sum
1st-Best
2nd-Best
ID

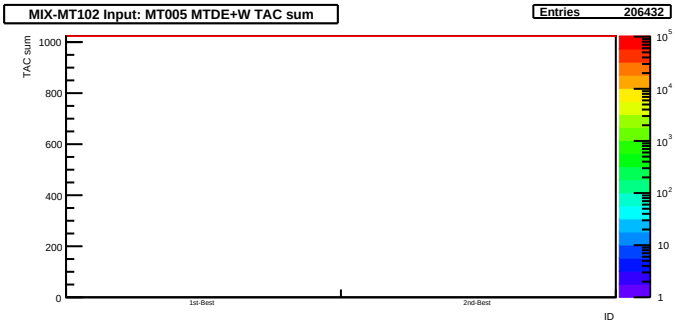

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 206432
TAC sum
1st-Best
2nd-Best
ID

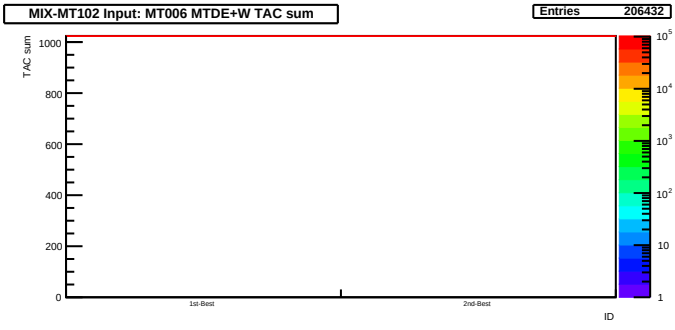

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 206432
TAC sum
1st-Best
2nd-Best
ID

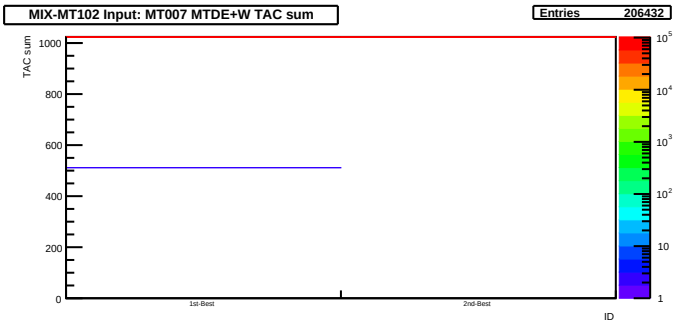

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 206432
TAC sum
1st-Best
2nd-Best
ID

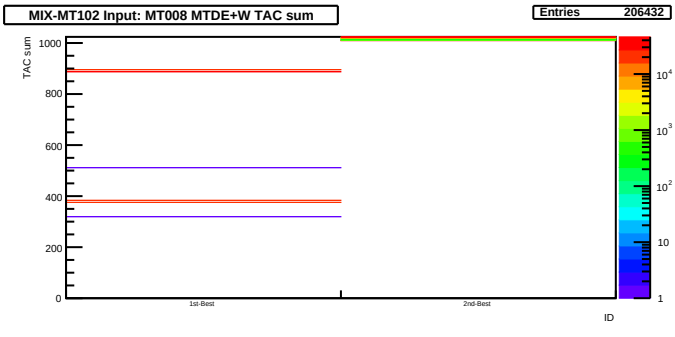

MIX-MT101 Input: VP003 Max TAC
Entries 103216

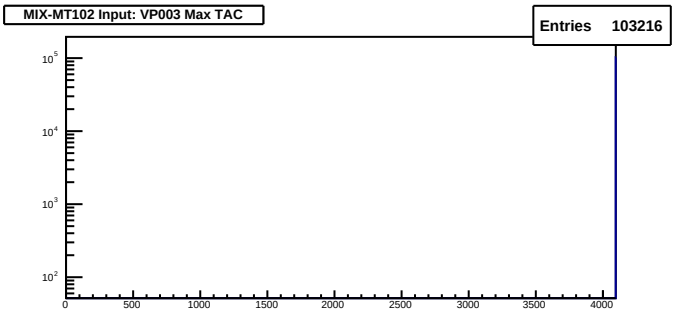

MIX-MT101 Input: VP004 Max TAC
Entries 103216

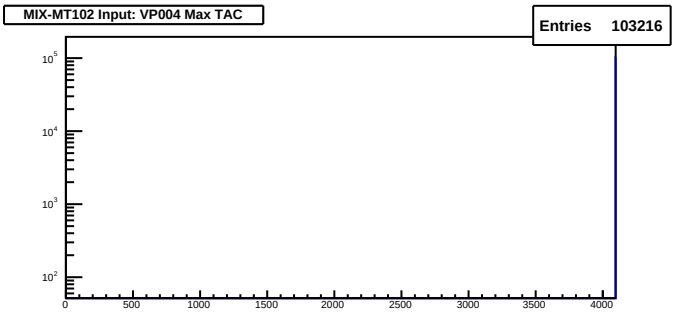

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 206432
TAC sum
1st-Best
2nd-Best
ID

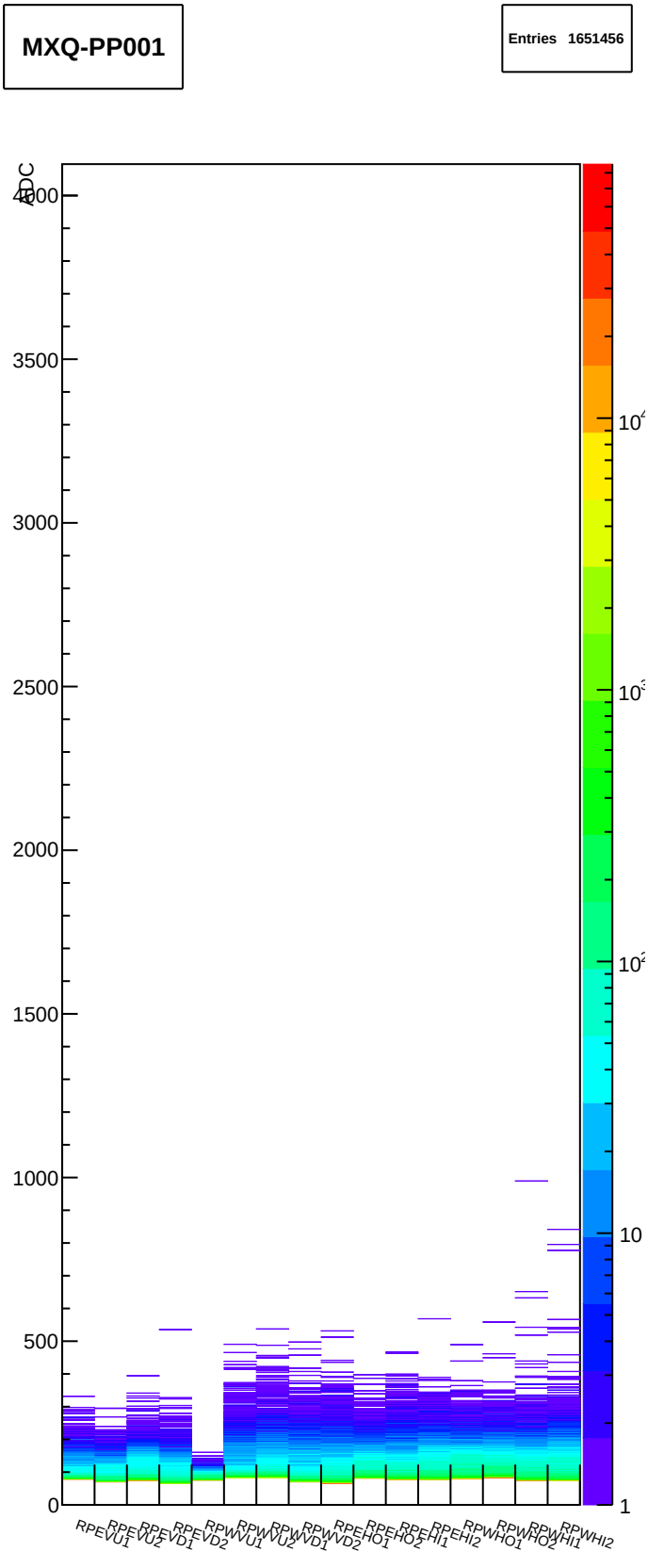

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 206432
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 206432
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 206432
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 103216


MIX-MT102 Input: VP004 Max TAC
Entries 103216


MXQ-PP001
Entries 1651456
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
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RPEHO2
RPEHI1
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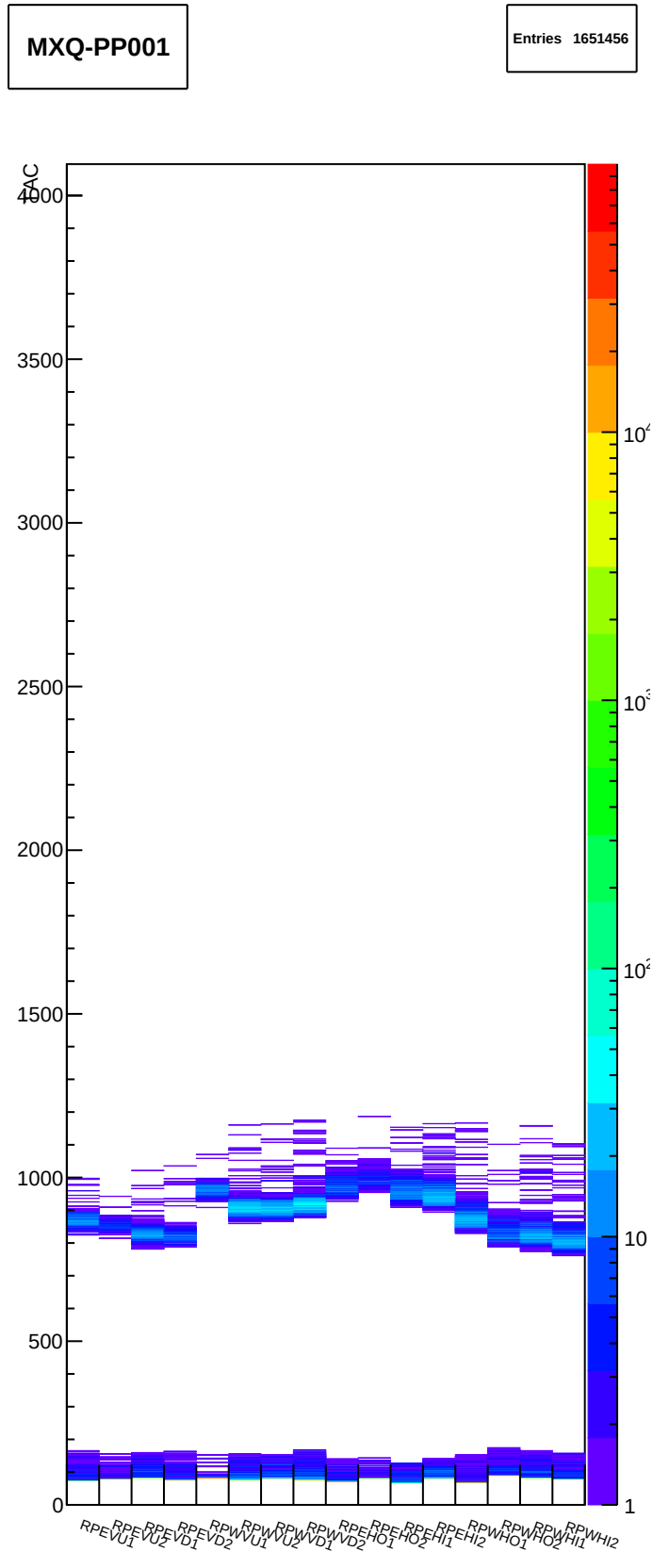
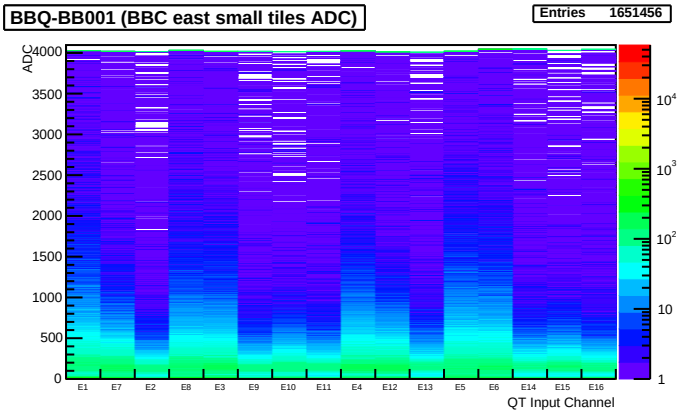
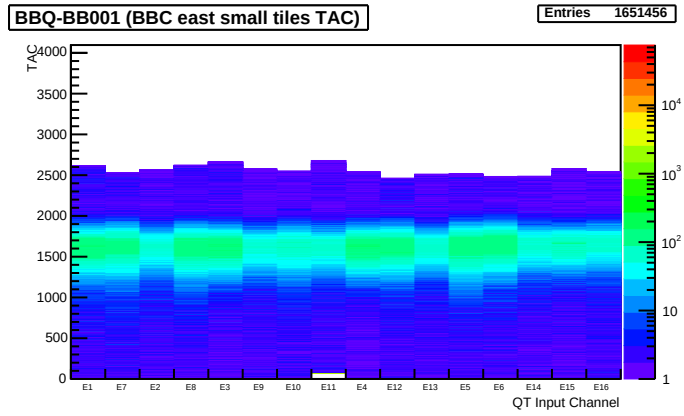
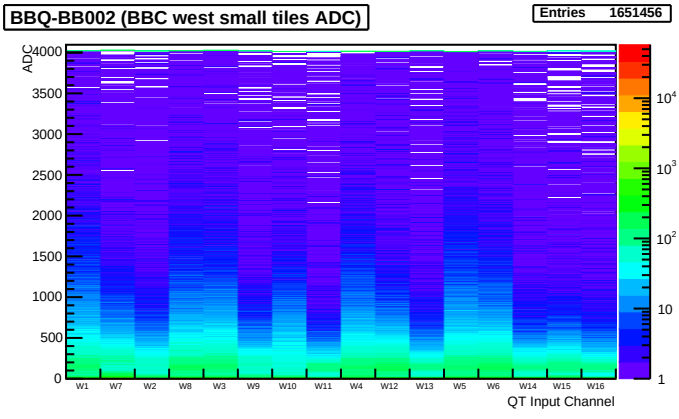
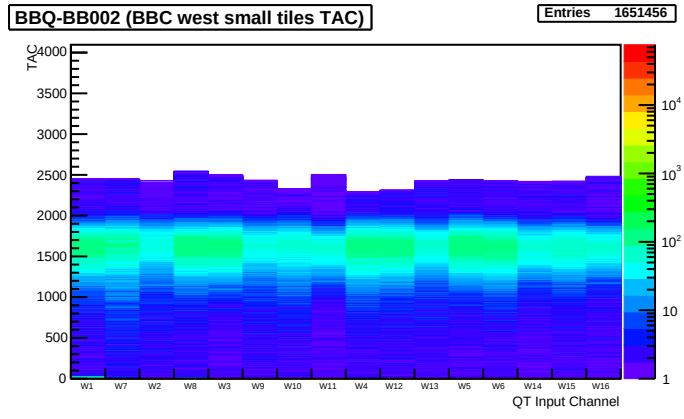
RPWHO2
RPWHI1
RPWHI2
10
1

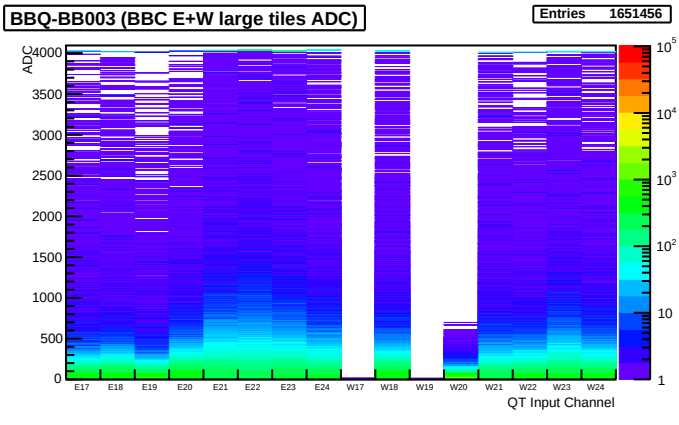

MXQ-PP001
Entries 1651456
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

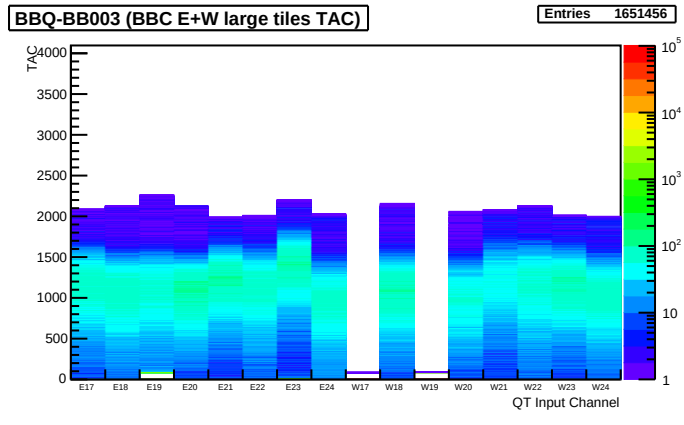

BBQ-BB001 (BBC east small tiles ADC)
Entries 1651456
ADC
QT Input Channel

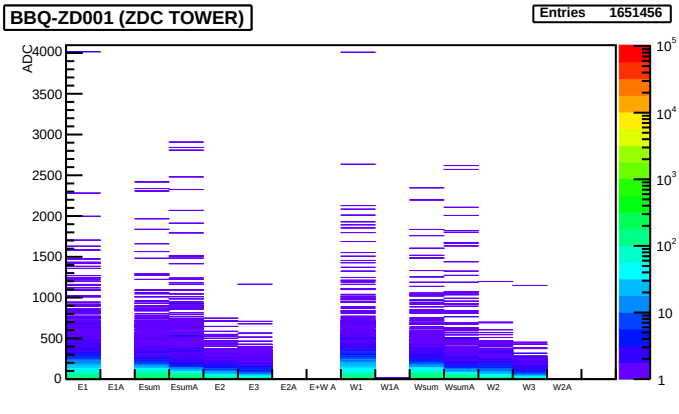

BBQ-BB001 (BBC east small tiles TAC)
Entries 1651456
TAC
QT Input Channel

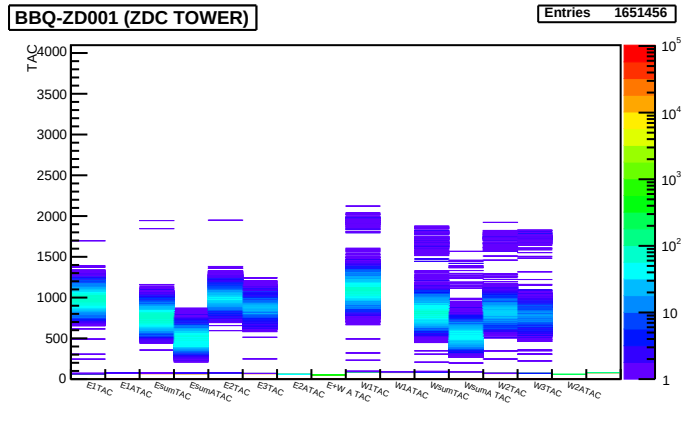

BBQ-BB002 (BBC west small tiles ADC)
Entries 1651456
ADC
QT Input Channel

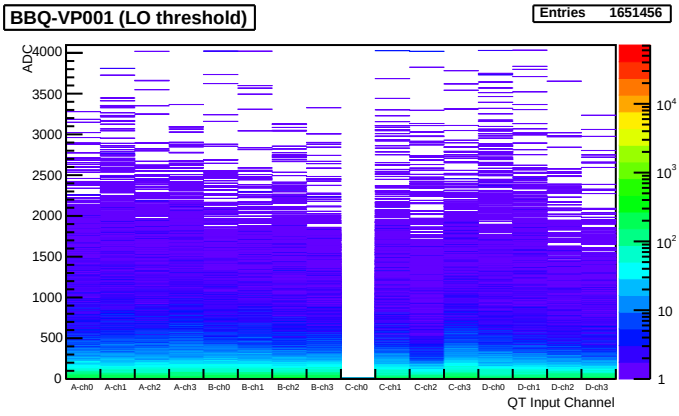

BBQ-BB002 (BBC west small tiles TAC)
Entries 1651456
TAC
QT Input Channel

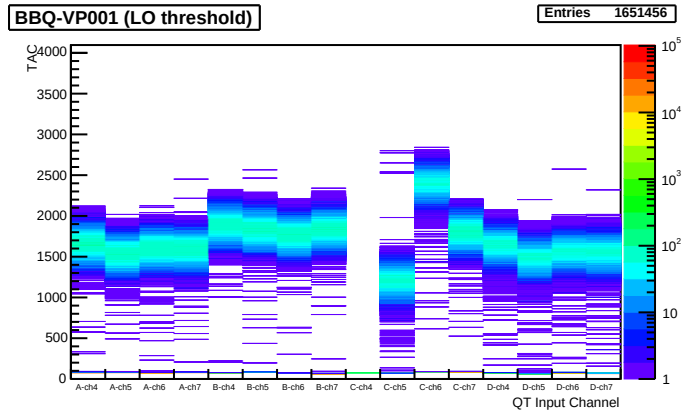

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1651456
ADC
QT Input Channel

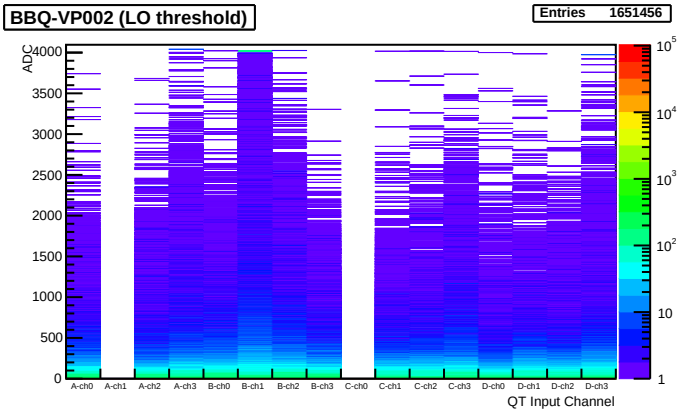

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1651456
TAC
QT Input Channel

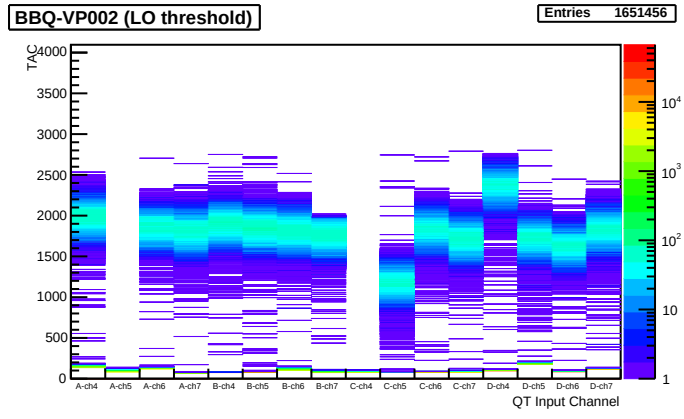

BBQ-ZD001 (ZDC TOWER)
Entries 1651456
ADC

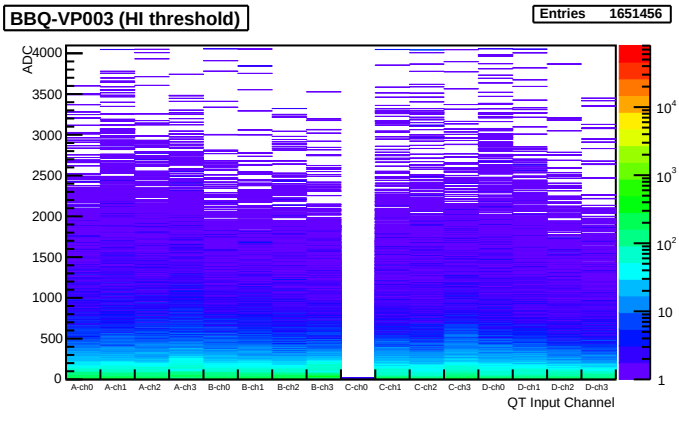

BBQ-ZD001 (ZDC TOWER)
Entries 1651456
TAC

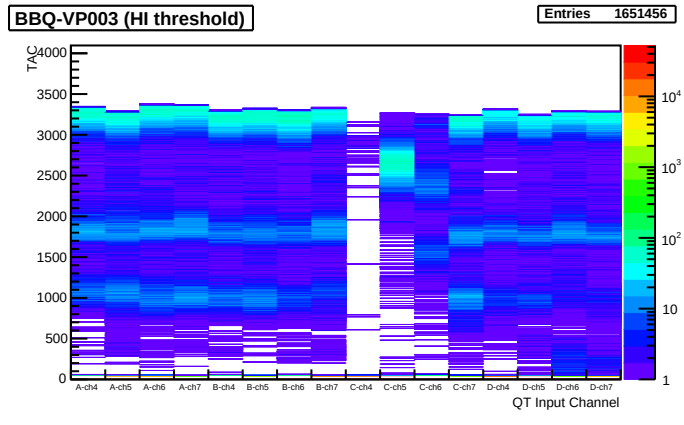

BBQ-VP001 (LO threshold)
Entries 1651456
ADC
QT Input Channel

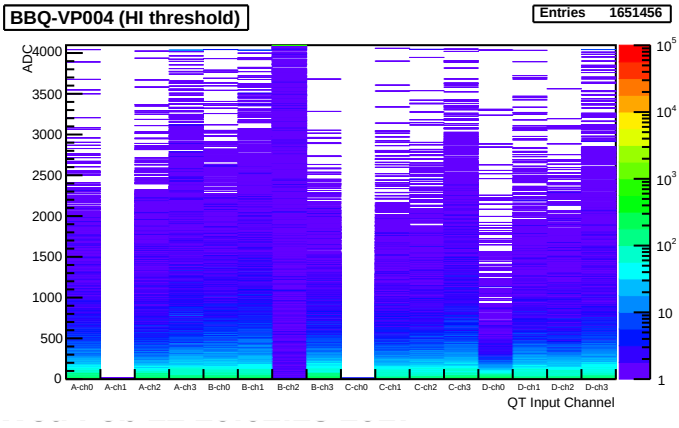

BBQ-VP001 (LO threshold)
Entries 1651456
TAC
QT Input Channel

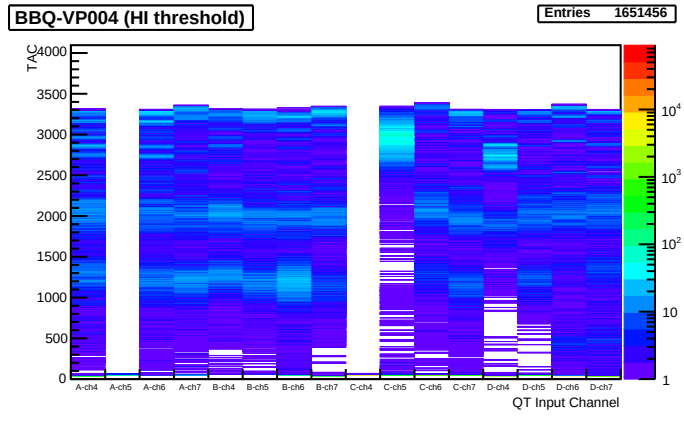

BBQ-VP002 (LO threshold)
Entries 1651456
ADC
QT Input Channel

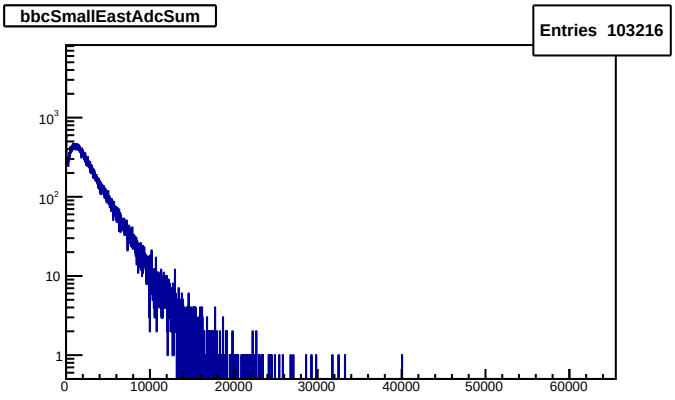

BBQ-VP002 (LO threshold)
Entries 1651456
TAC
QT Input Channel

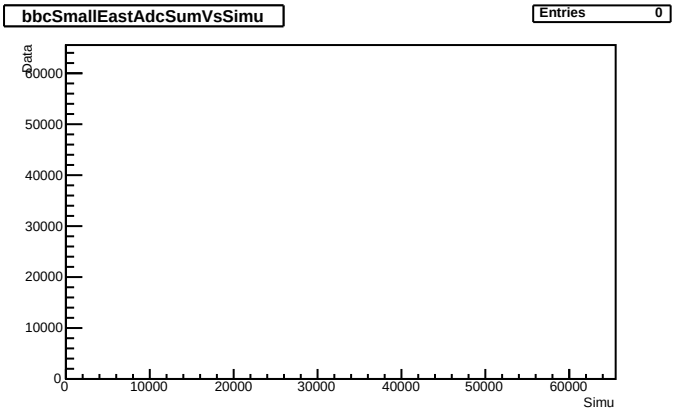

BBQ-VP003 (HI threshold)
Entries 1651456
ADC
QT Input Channel

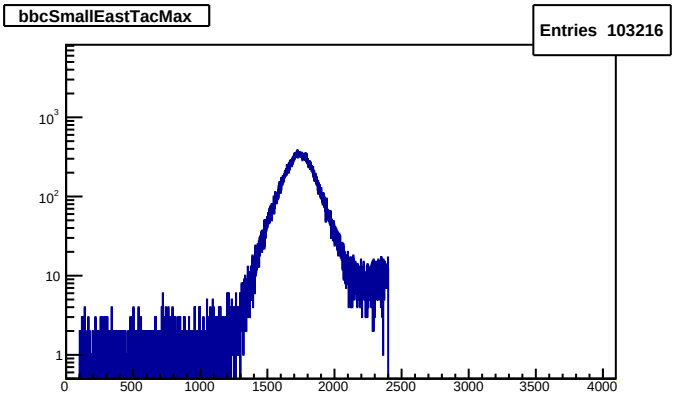

BBQ-VP003 (HI threshold)
Entries 1651456
TAC
QT Input Channel

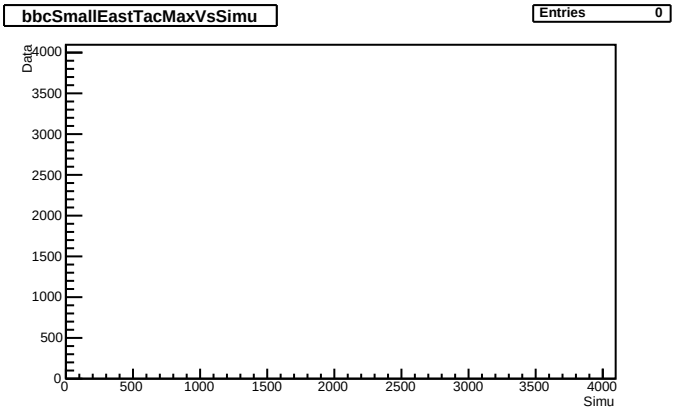

BBQ-VP004 (HI threshold)
Entries 1651456
ADC
QT Input Channel

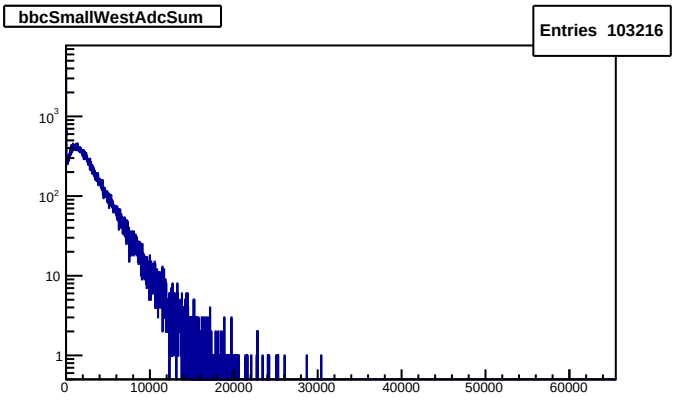

BBQ-VP004 (HI threshold)
Entries 1651456
TAC
QT Input Channel

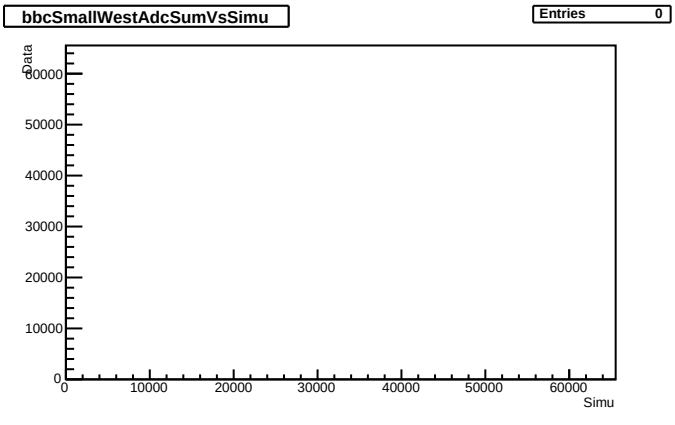

bbcSmallEastAdcSum
Entries 103216

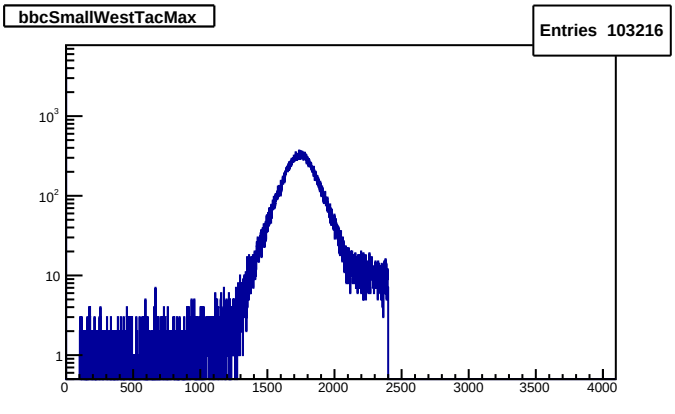

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

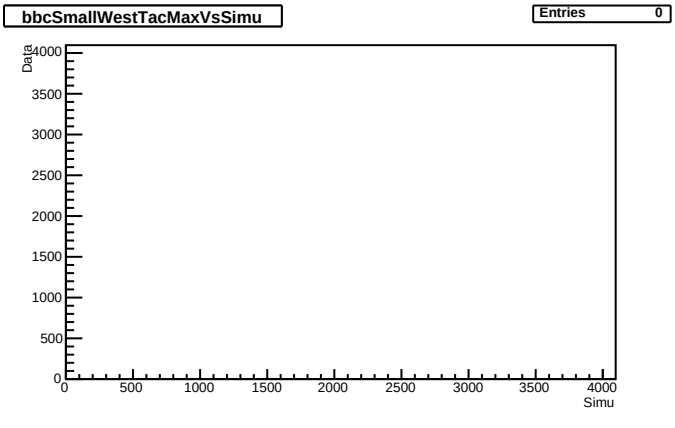

bbcSmallEastTacMax
Entries 103216

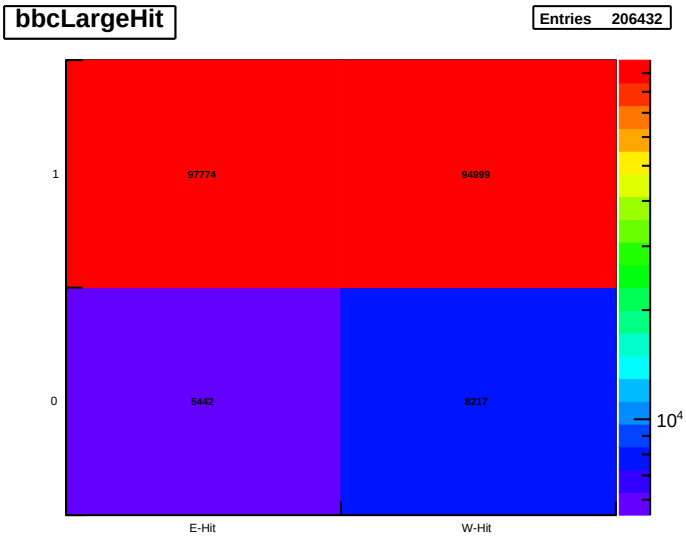

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

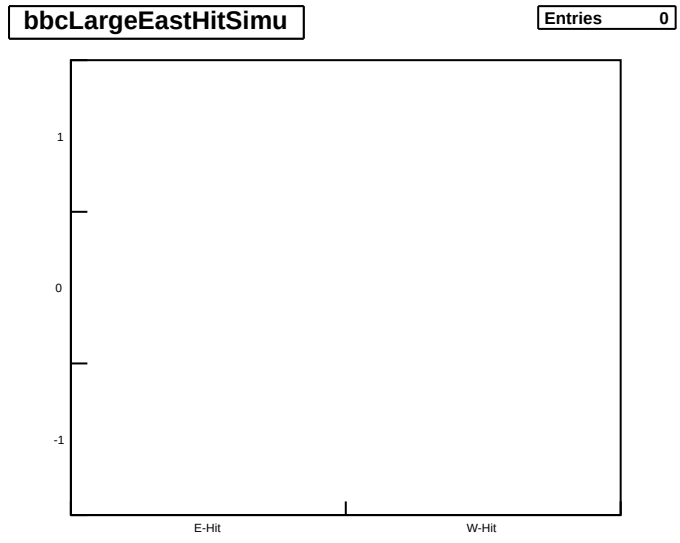

bbcSmallWestAdcSum
Entries 103216

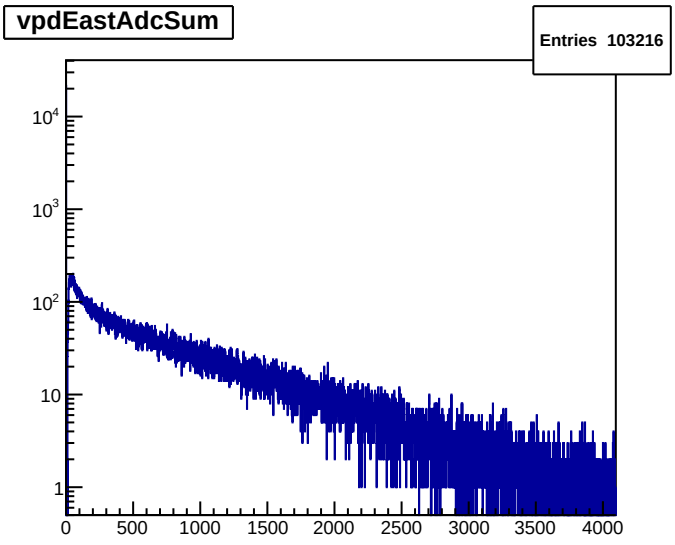

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

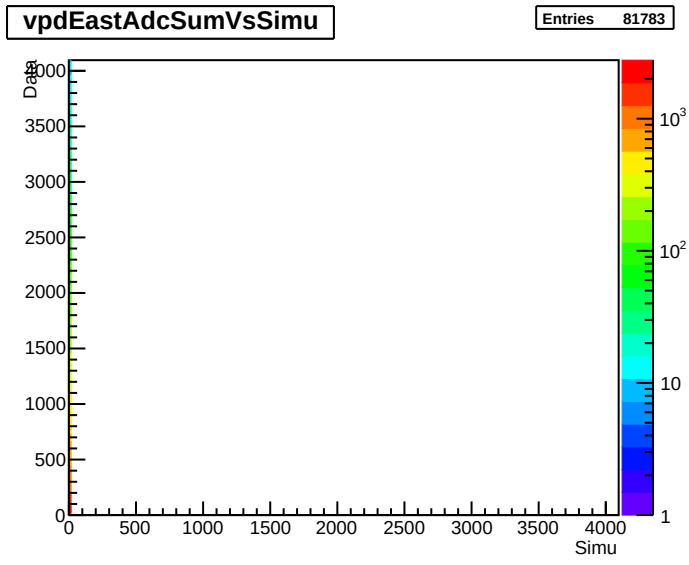

bbcSmallWestTacMax
Entries 103216

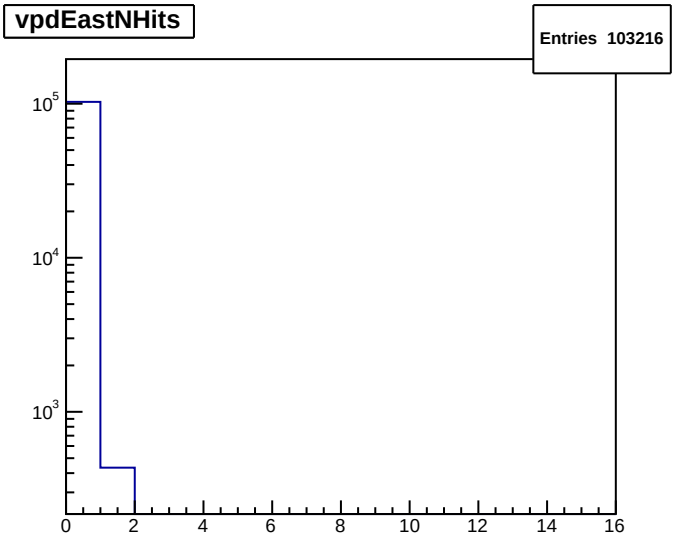

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

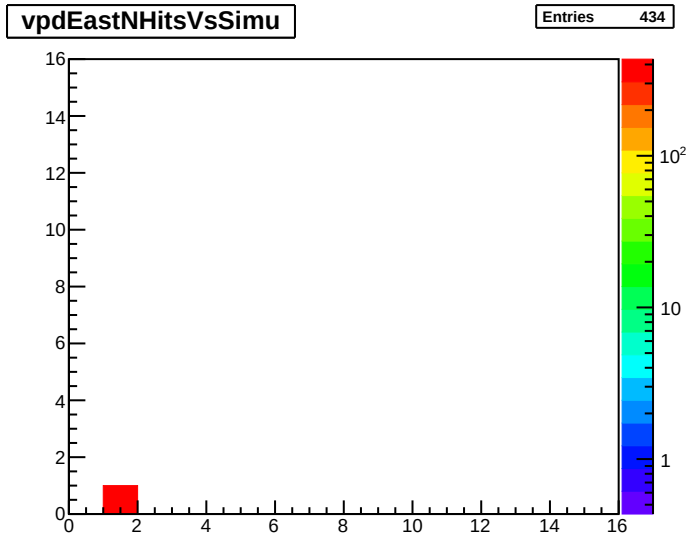

bbcLargeHit
Entries 206432
1
0
97774
94999
5442
8217
E-Hit
W-Hit
10^4

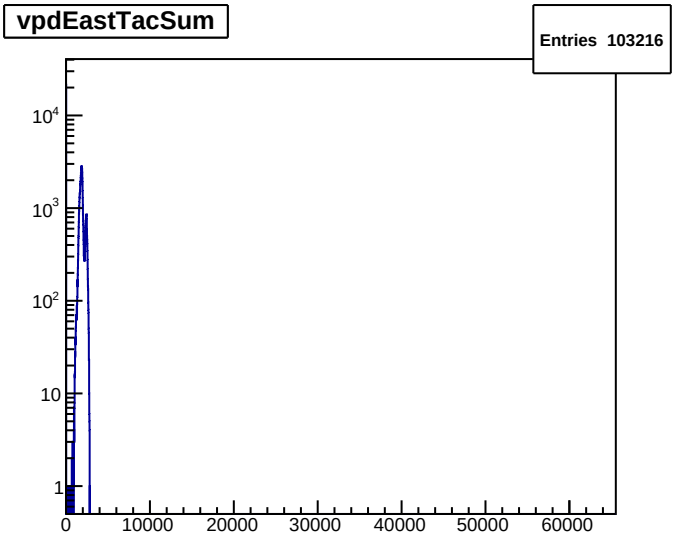

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

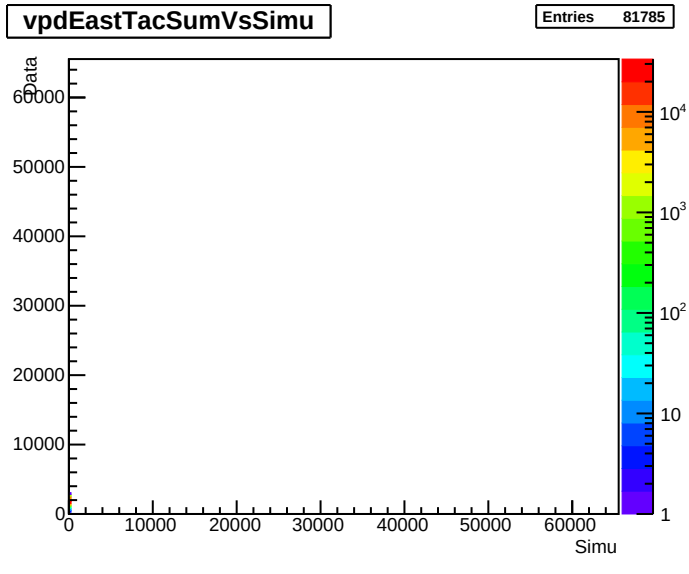

vpdEastAdcSum
Entries 103216

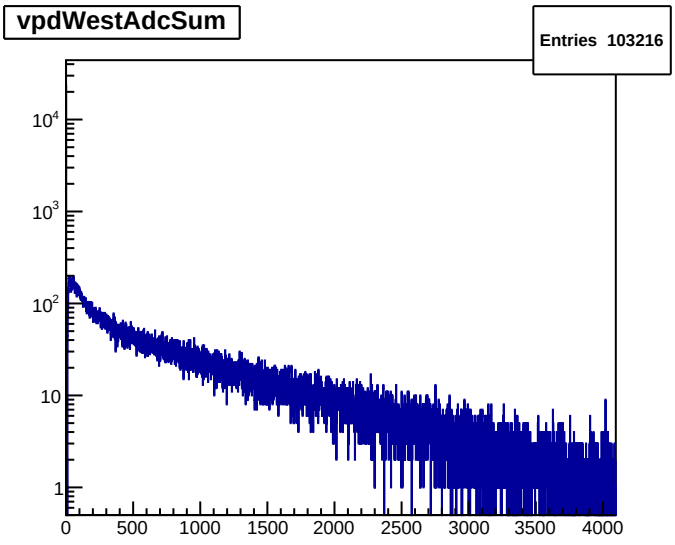

vpdEastAdcSumVsSimu
Entries 81783
Data
Simu

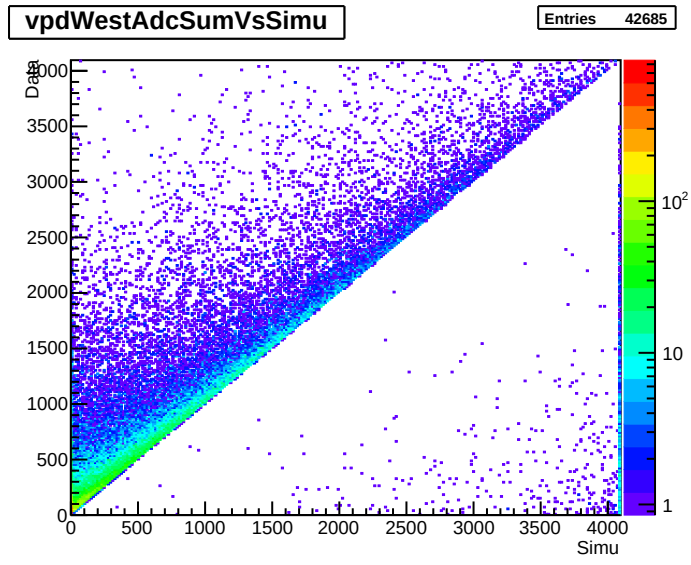

vpdEastNHits
Entries 103216

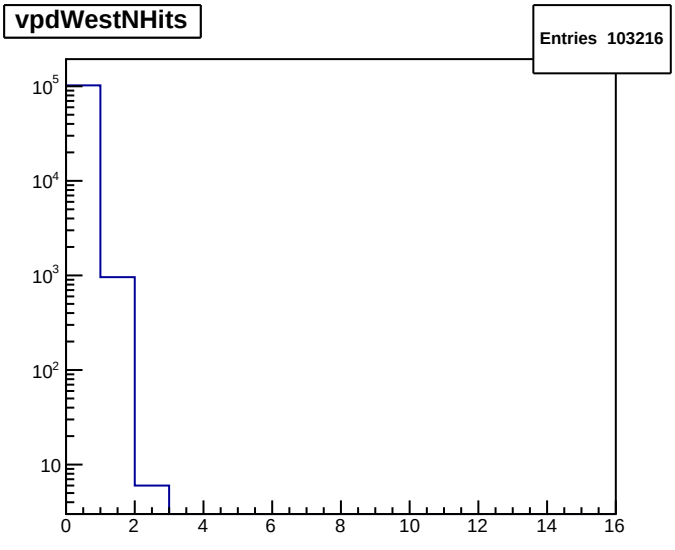

vpdEastNHitsVsSimu
Entries 434

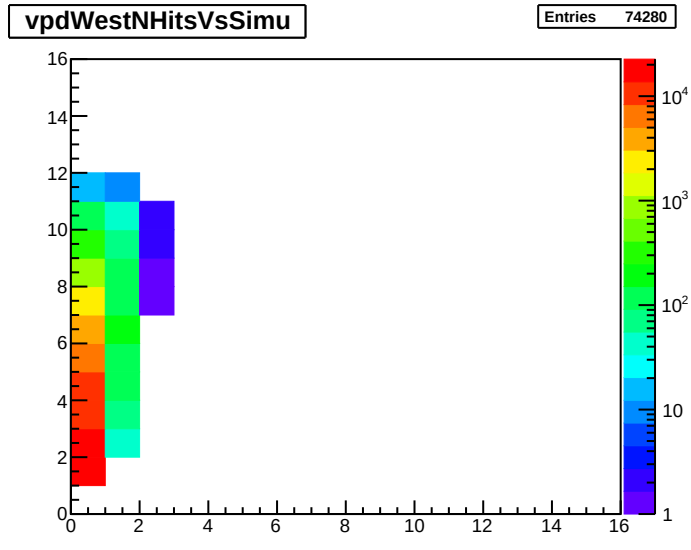

vpdEastTacSum
Entries 103216

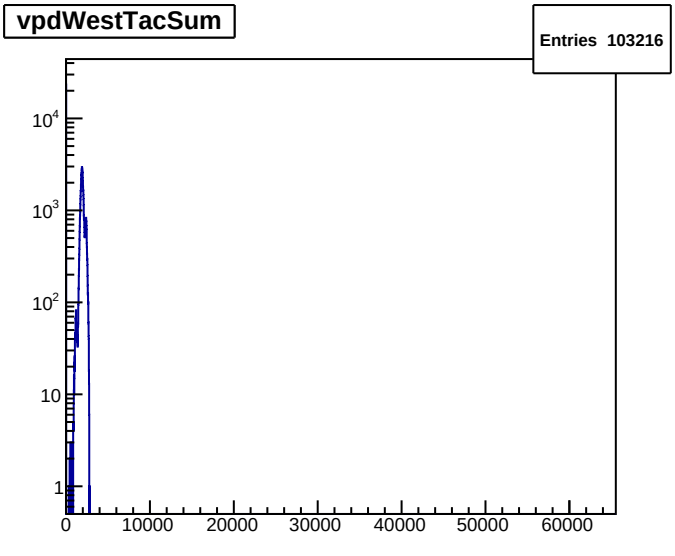

vpdEastTacSumVsSimu
Entries 81785
Data
Simu

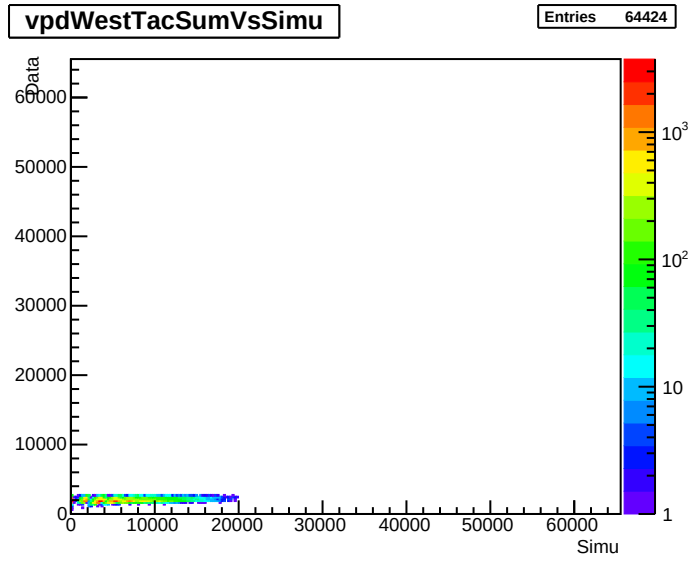

vpdWestAdcSum
Entries 103216

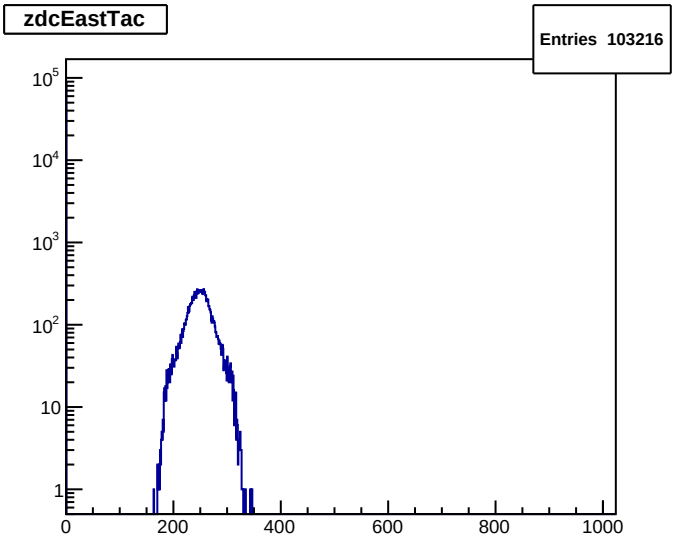

vpdWestAdcSumVsSimu
Entries 42685
Data
Simu

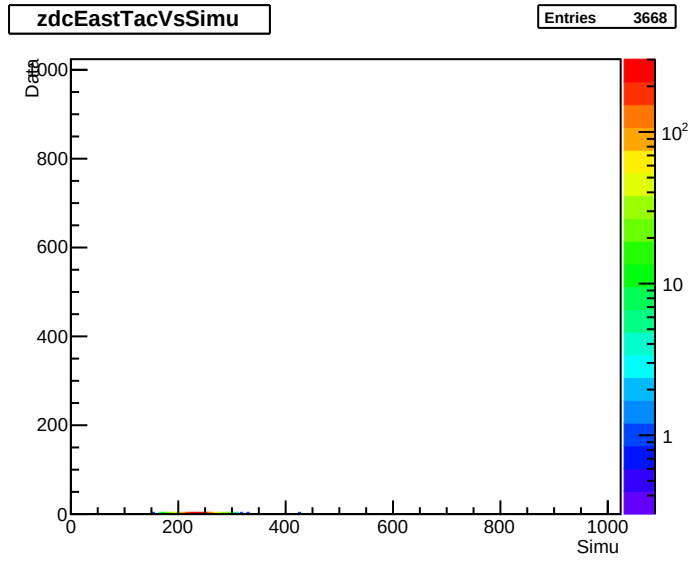

vpdWestNHits
Entries 103216

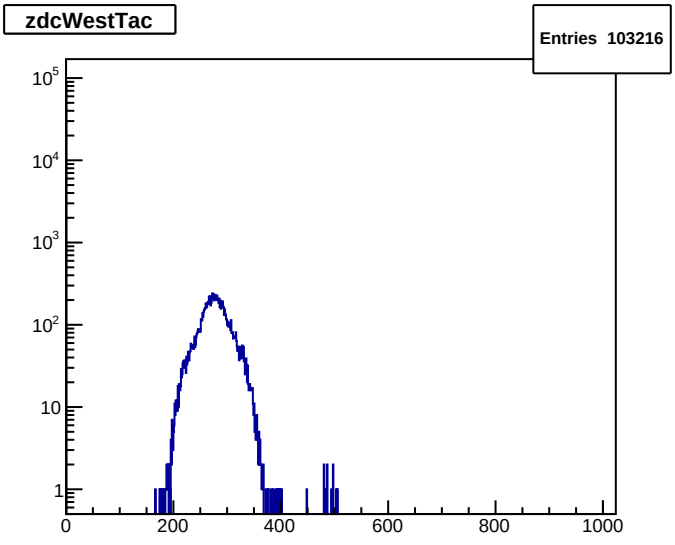

vpdWestNHitsVsSimu
Entries 74280

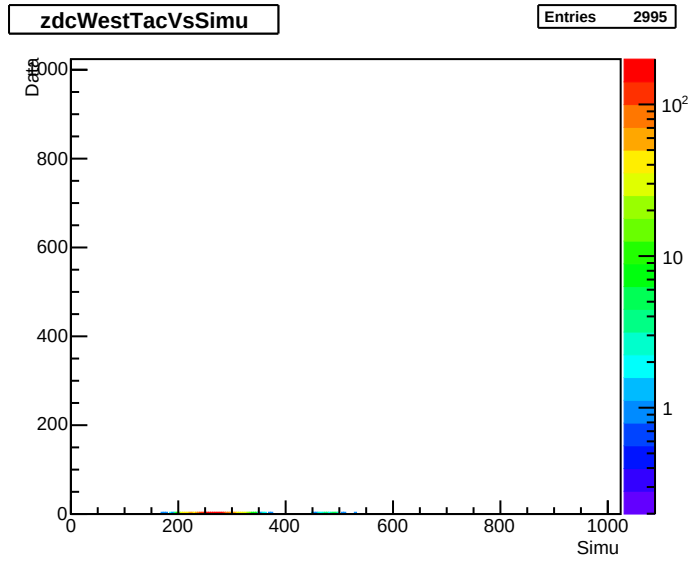

vpdWestTacSum
Entries 103216

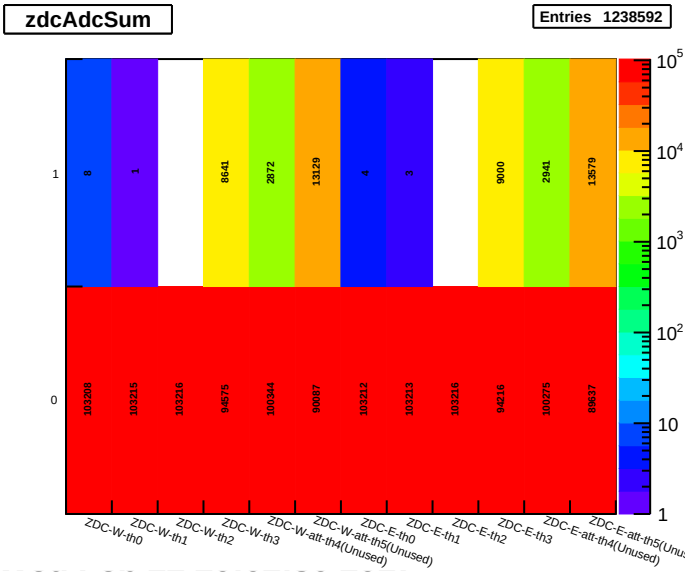

vpdWestTacSumVsSimu
Entries 64424
Data
Simu

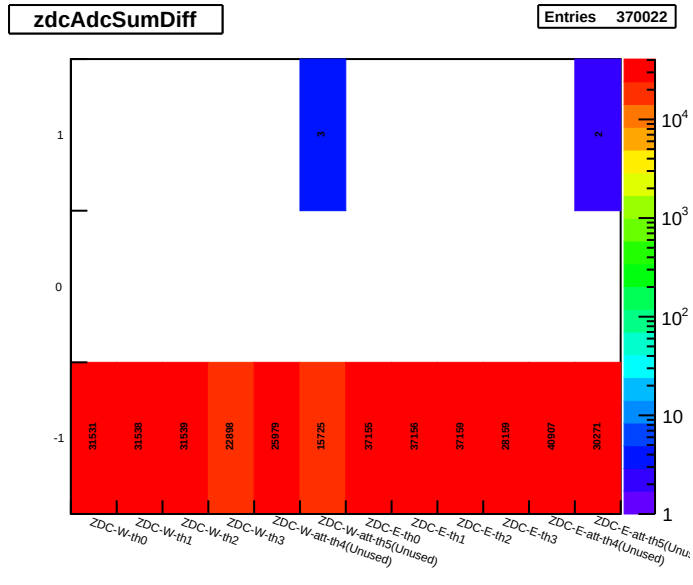

zdcEastTac
Entries 103216

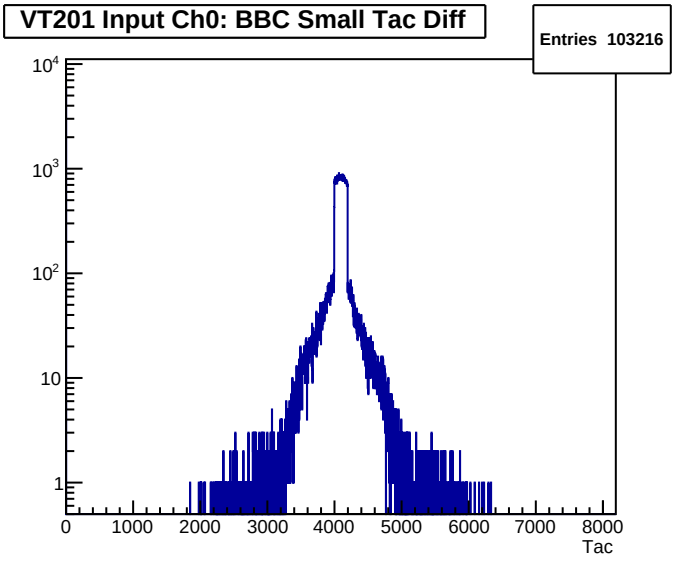

zdcEastTacVsSimu
Entries 3668
Data
Simu

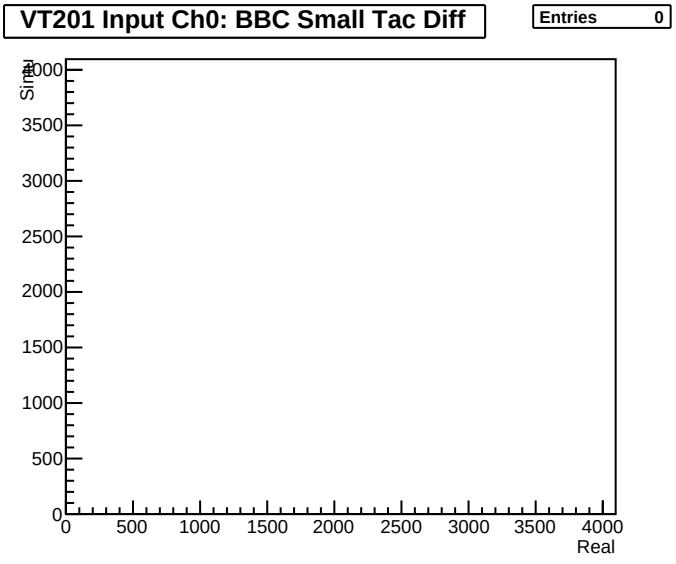

zdcWestTac
Entries 103216

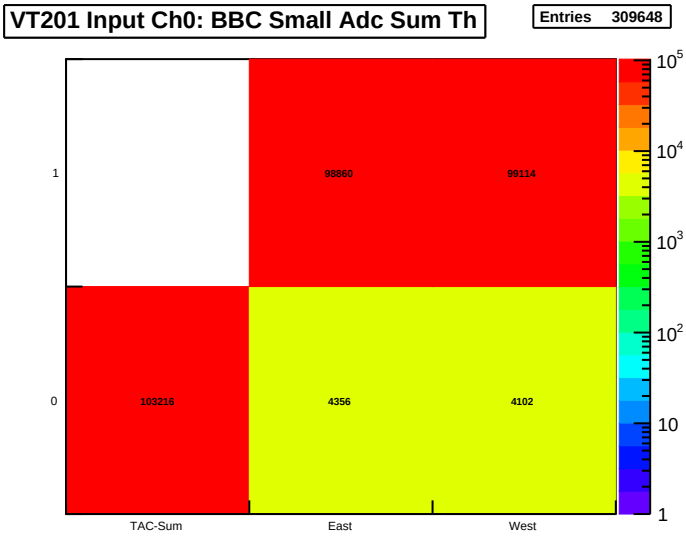

zdcWestTacVsSimu
Entries 2995
Data
Simu

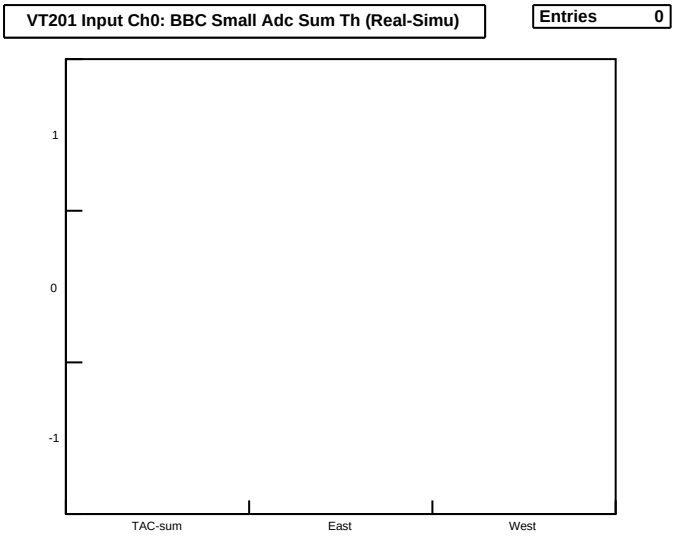

zdcAdcSum
Entries 1238592
8
1
8641
2872
13129
4
3
9000
2941
13579
103208
103215
103216
94575
100344
90087
103212
103213
103216
94216
100275
89637
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

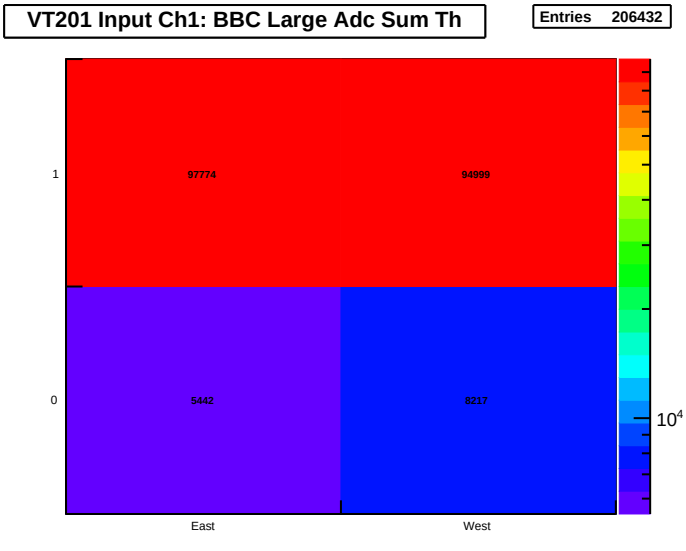

zdcAdcSumDiff
Entries 370022
3
2
31531
31538
31539
22898
25979
15725
37155
37156
37159
28159
40907
30271
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

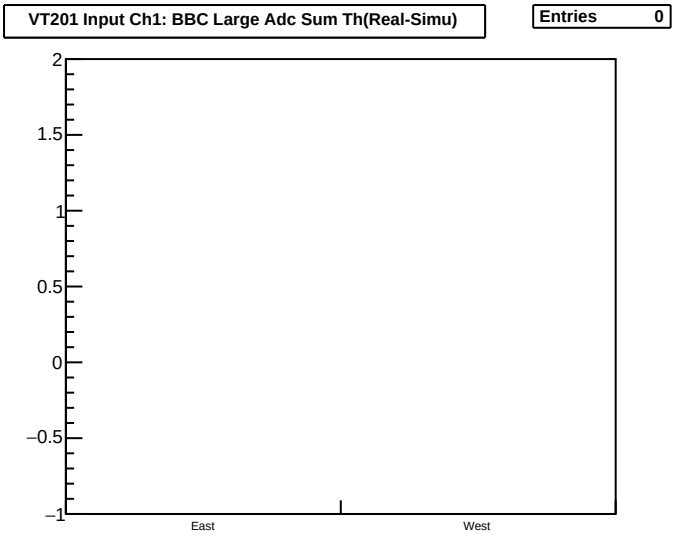

VT201 Input Ch0: BBC Small Tac Diff
Entries 103216
Tac


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

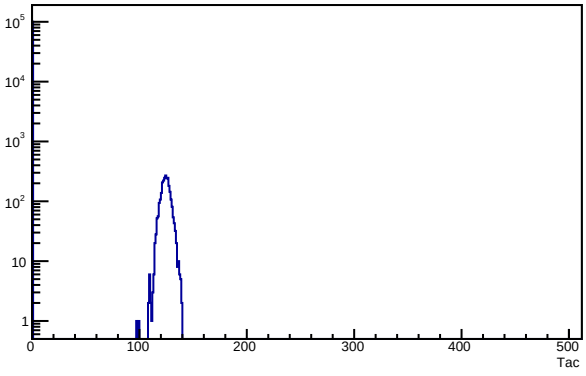

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 309648
98860
99114
103216
4356
4102
TAC-Sum
East
West


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

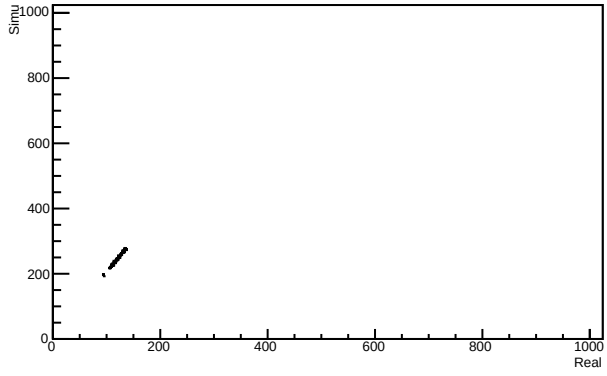

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 206432
97774
94999
5442
8217
East
West


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

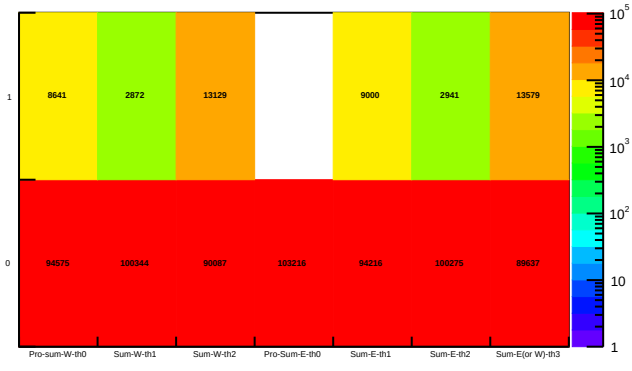
VT201 Input Ch2: ZDC Tac Diff



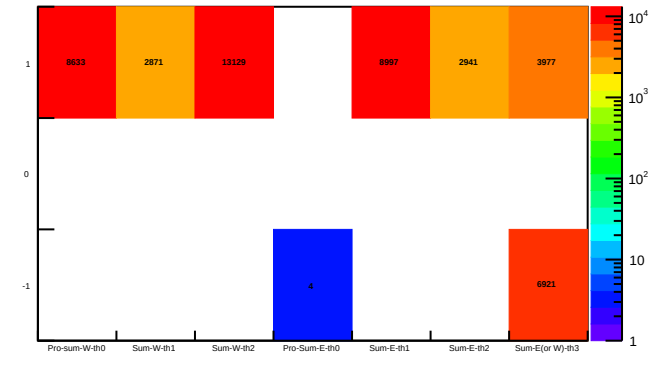
VT201 Input Ch2: ZDC Tac Diff



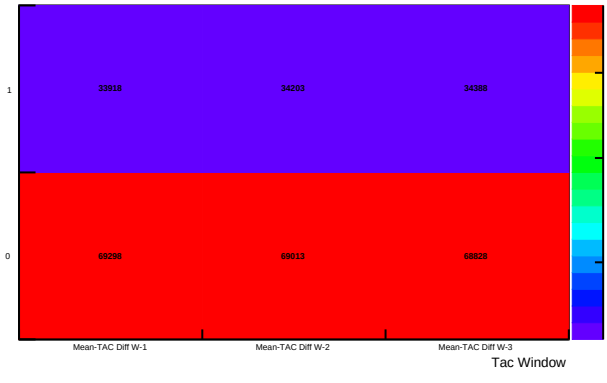
VT201 Input Ch2: ZDC Adc Sum Th



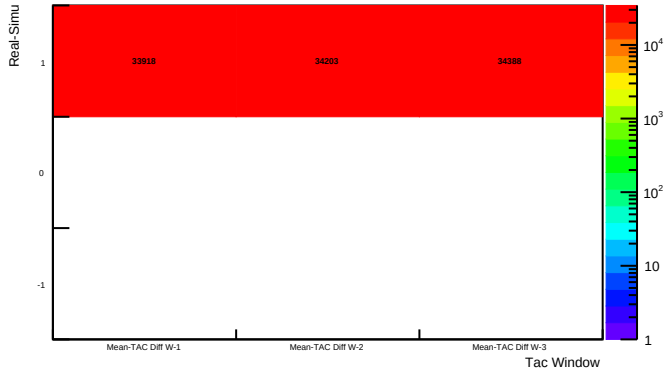
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



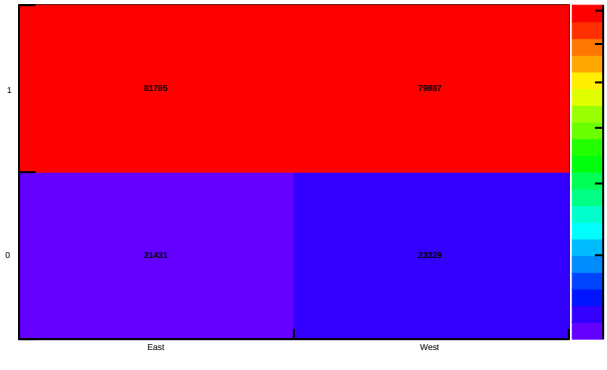
VT201 Input Ch4: VPD Tac Diff



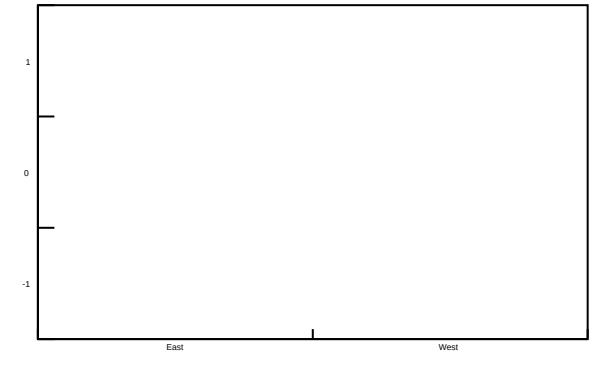
VT201 Input Ch4: VPD Tac Diff

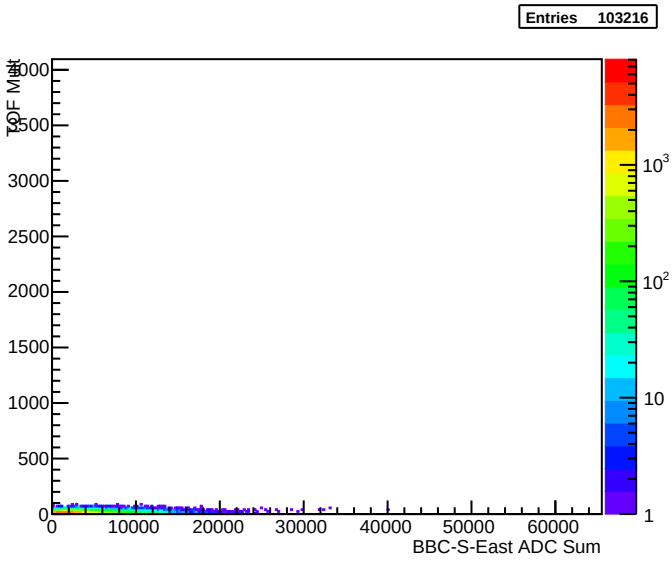


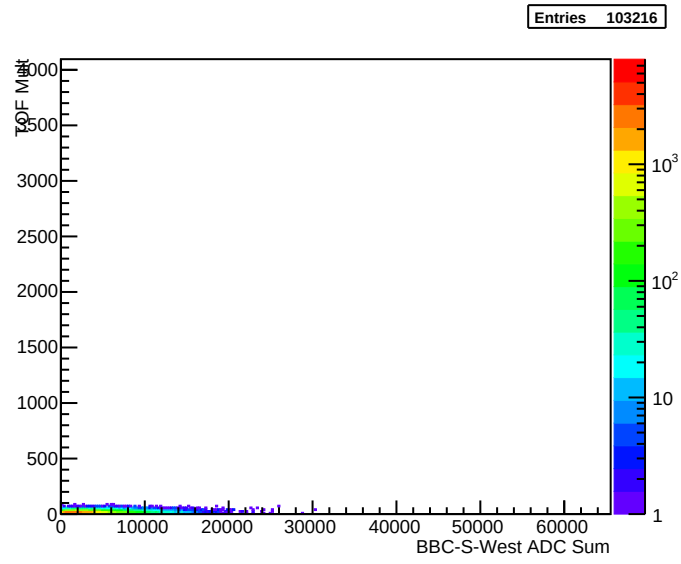
VT201 Input Ch4: VPD Adc Sum Th

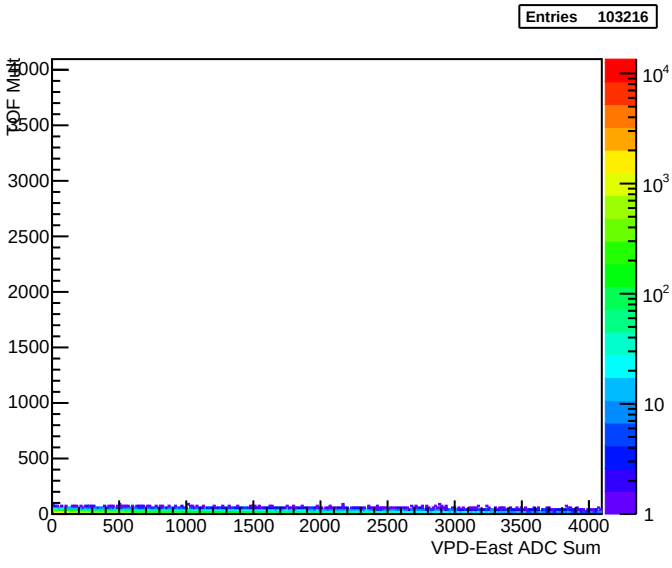


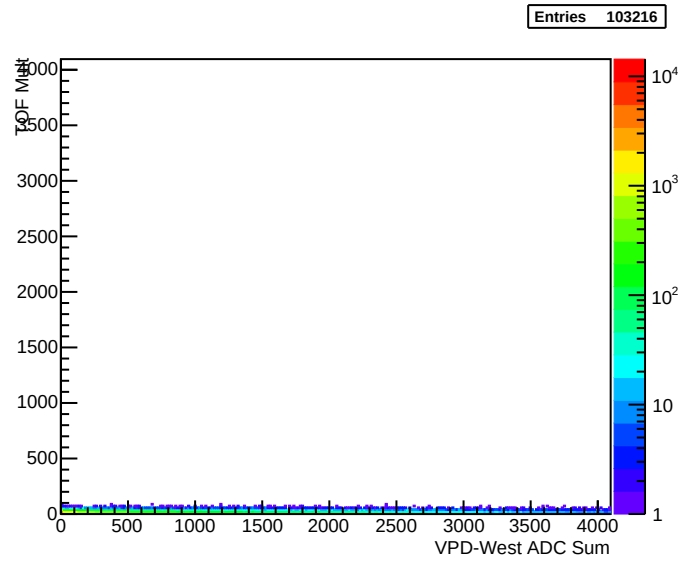
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

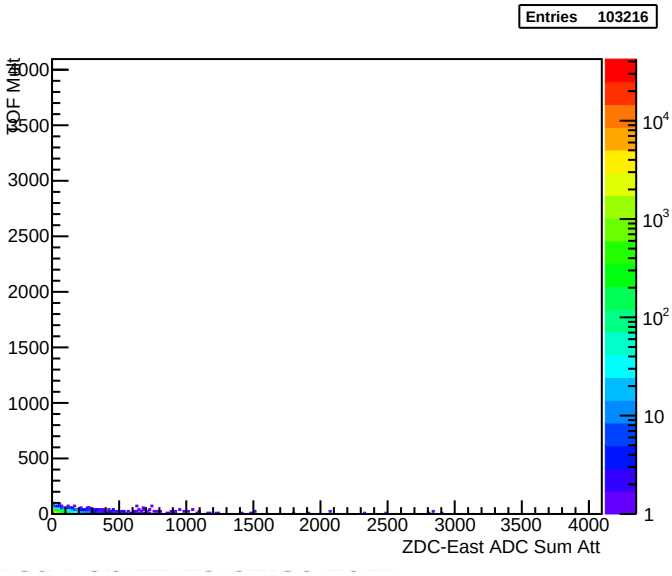


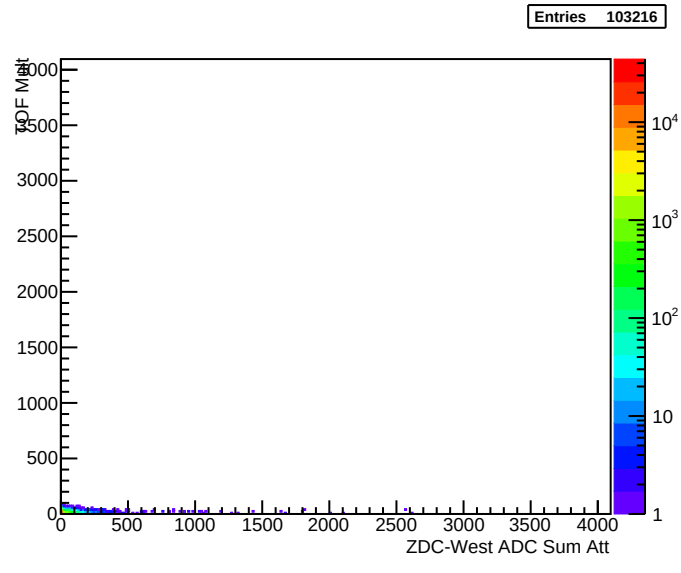

Entries 103216
TOF Mult
BBC-S-East ADC Sum

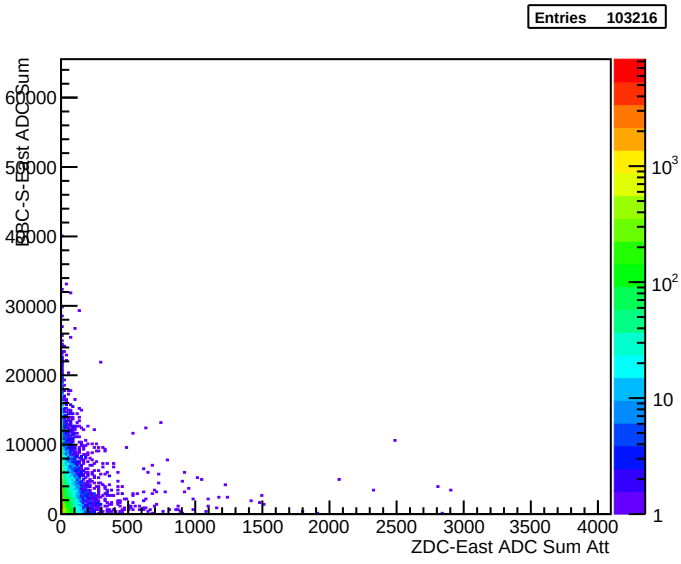

Entries 103216
TOF Mult
BBC-S-West ADC Sum

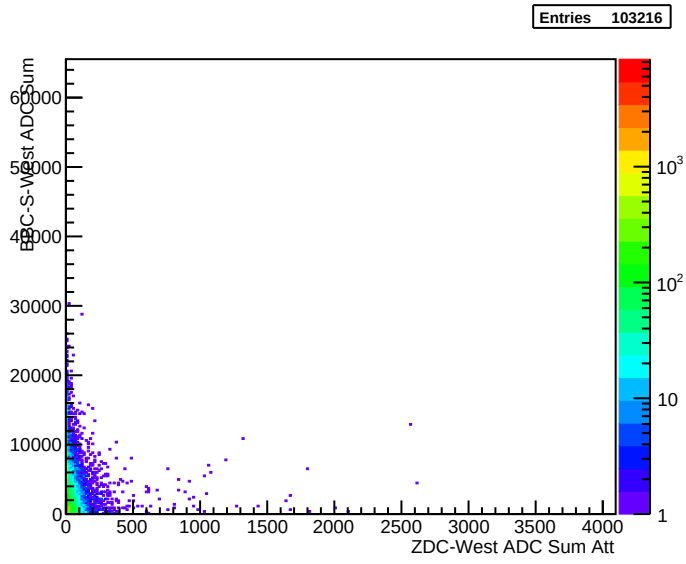

Entries 103216
TOF Mult
VPD-East ADC Sum

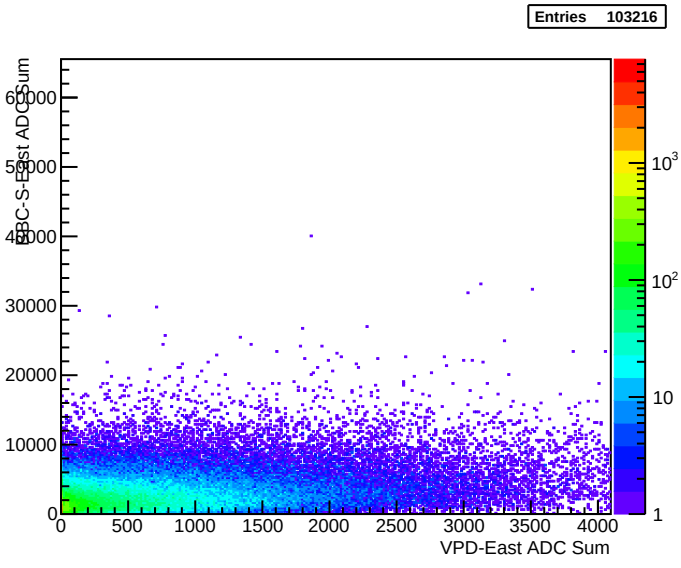

Entries 103216
TOF Mult
VPD-West ADC Sum

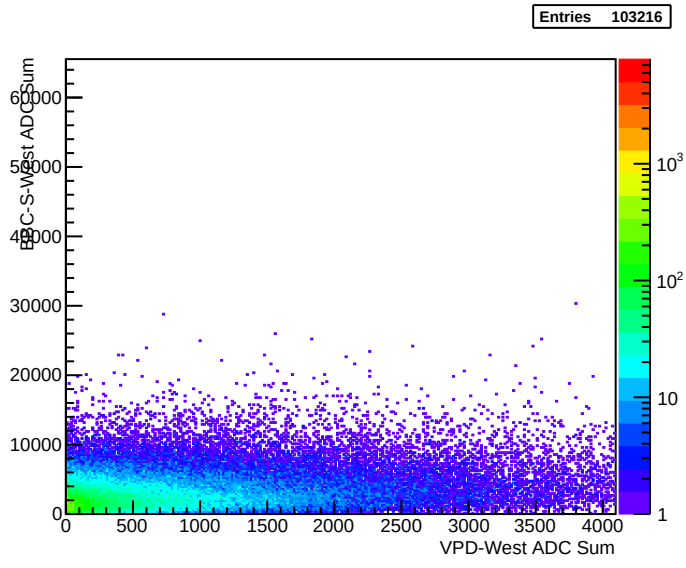

Entries 103216
TOF Mult
ZDC-East ADC Sum Att

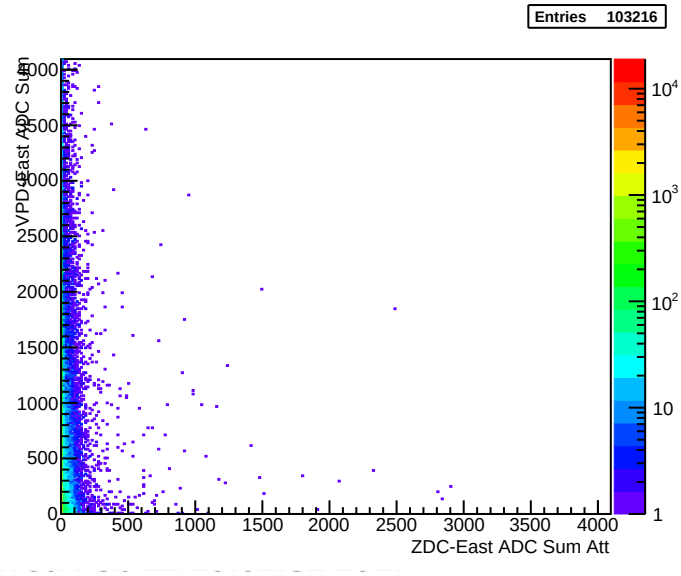

Entries 103216
TOF Mult
ZDC-West ADC Sum Att

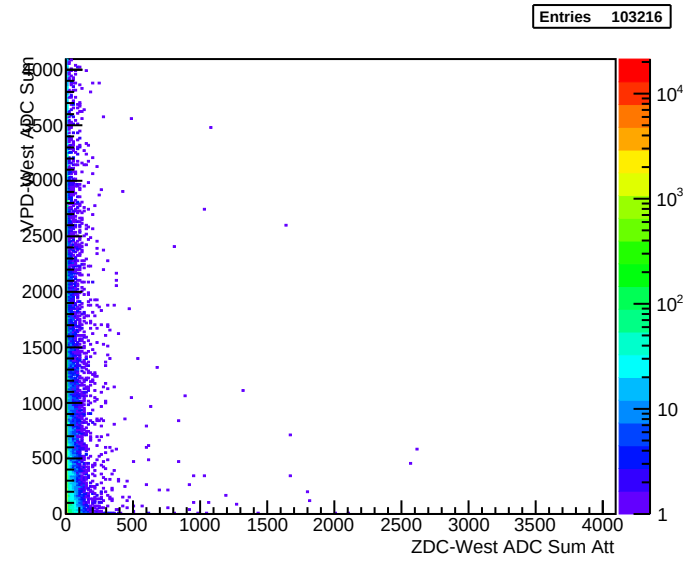

Entries 103216
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

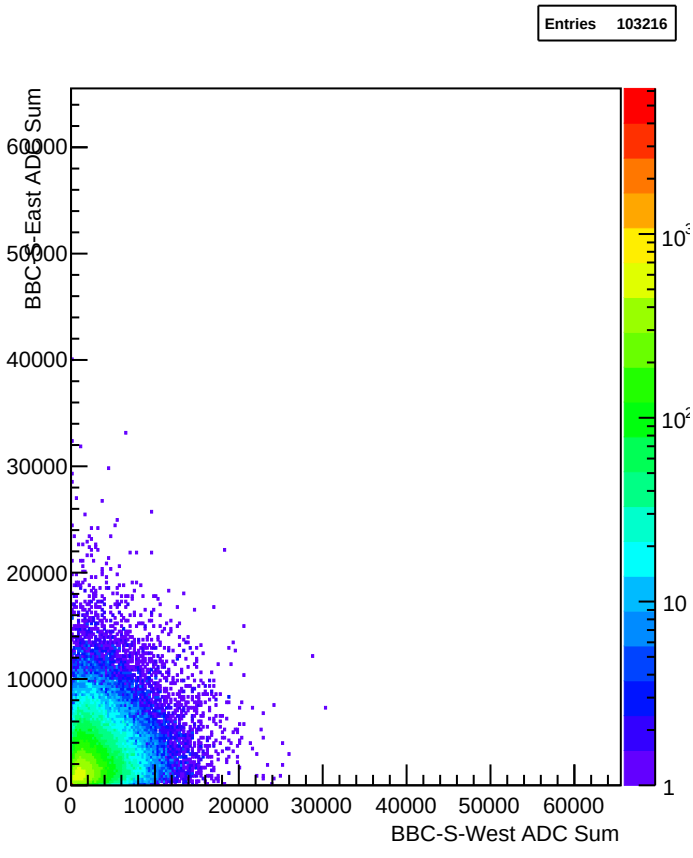

Entries 103216
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

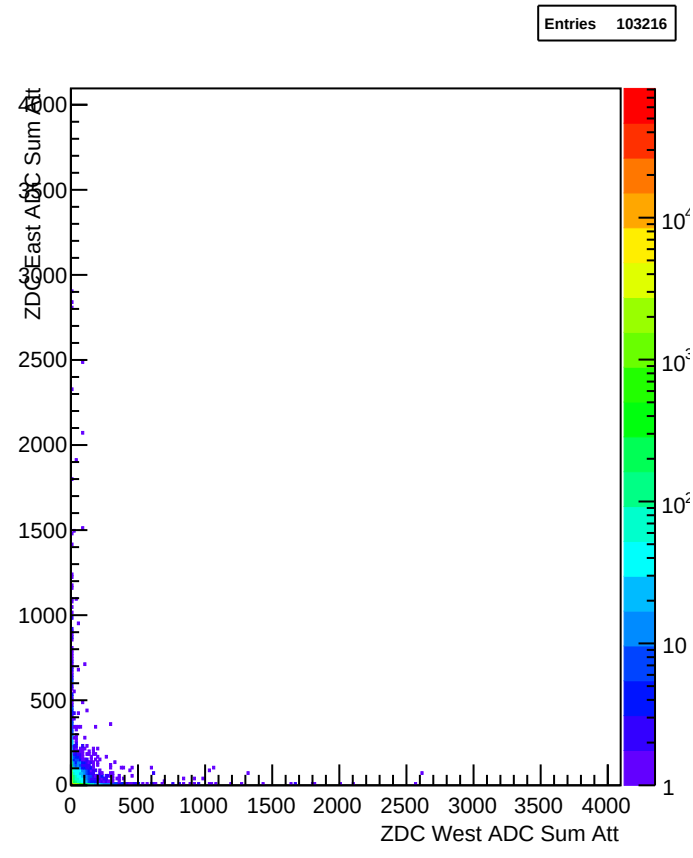

Entries 103216
BBC-S-East ADC Sum
VPD-East ADC Sum

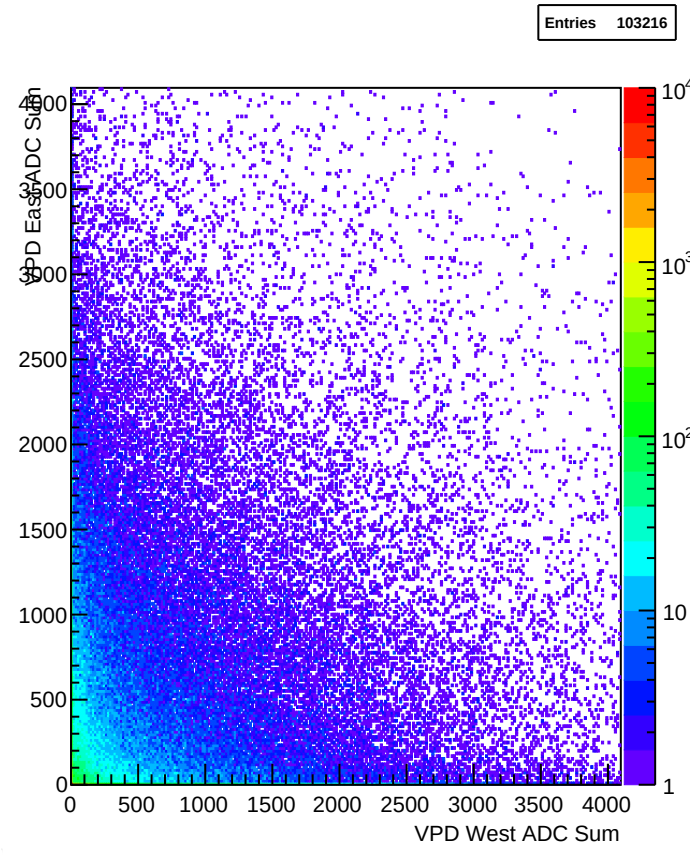

Entries 103216
BBC-S-West ADC Sum
VPD-West ADC Sum

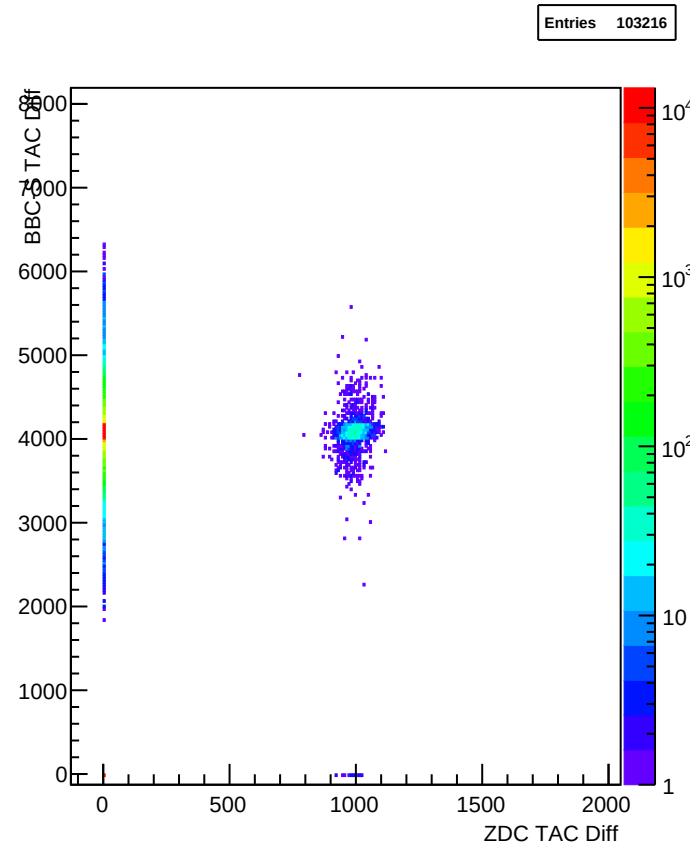

Entries 103216
VPD-East ADC Sum
ZDC-East ADC Sum Att

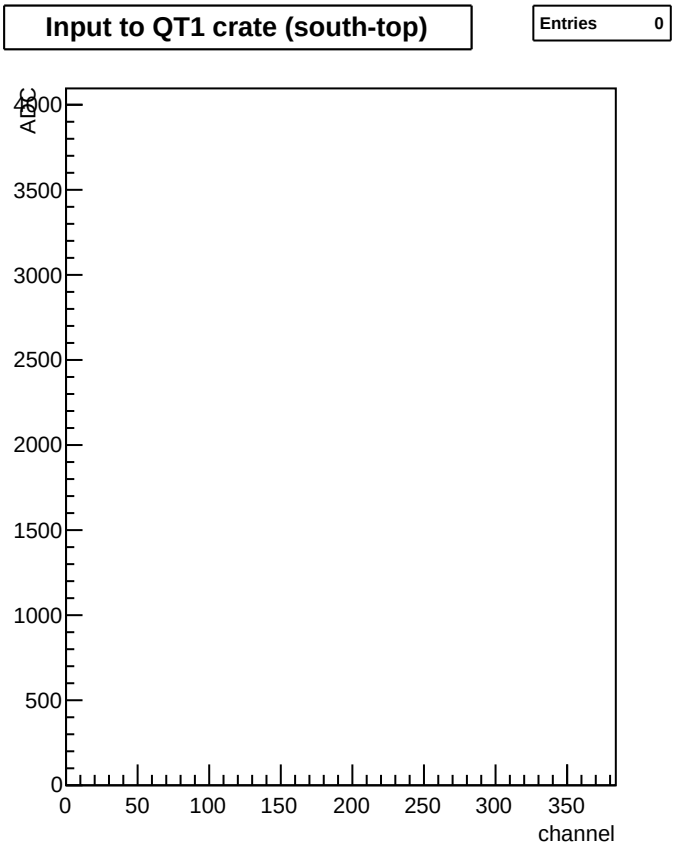

Entries 103216
VPD-West ADC Sum
ZDC-West ADC Sum Att

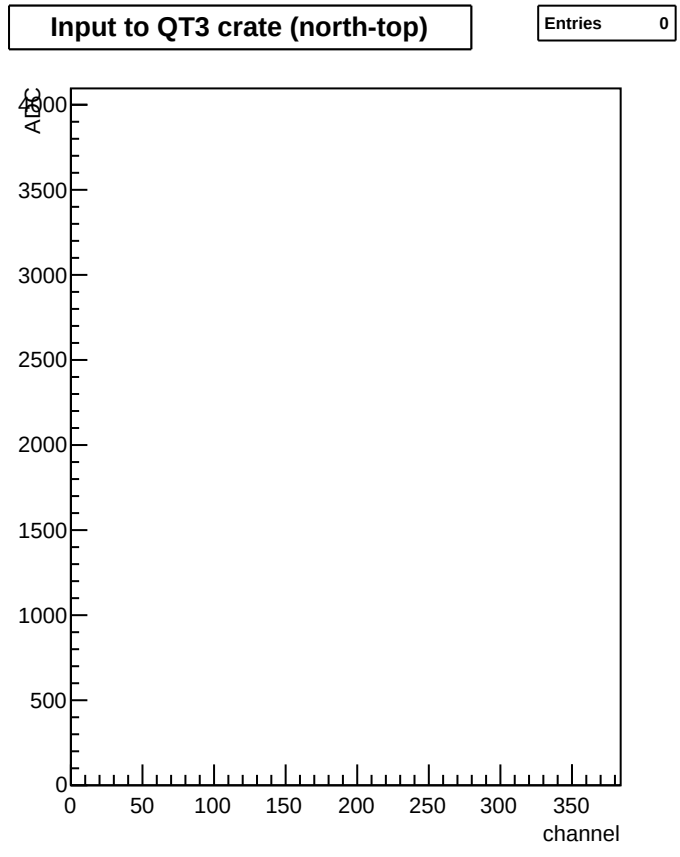

Entries 103216
BBC-S-East ADC Sum
BBC-S-West ADC Sum

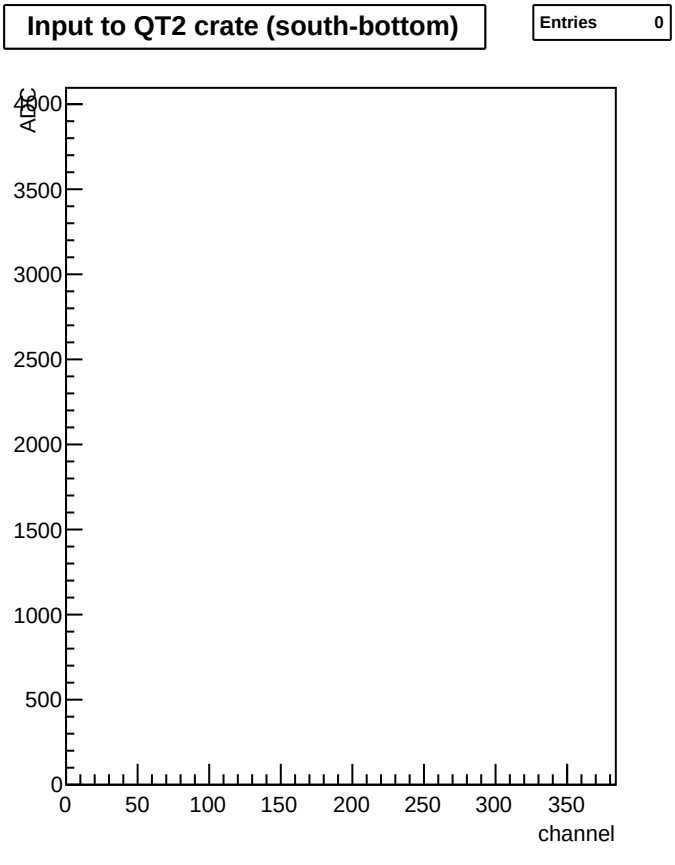

Entries 103216
ZDC East ADC Sum Att
ZDC West ADC Sum Att

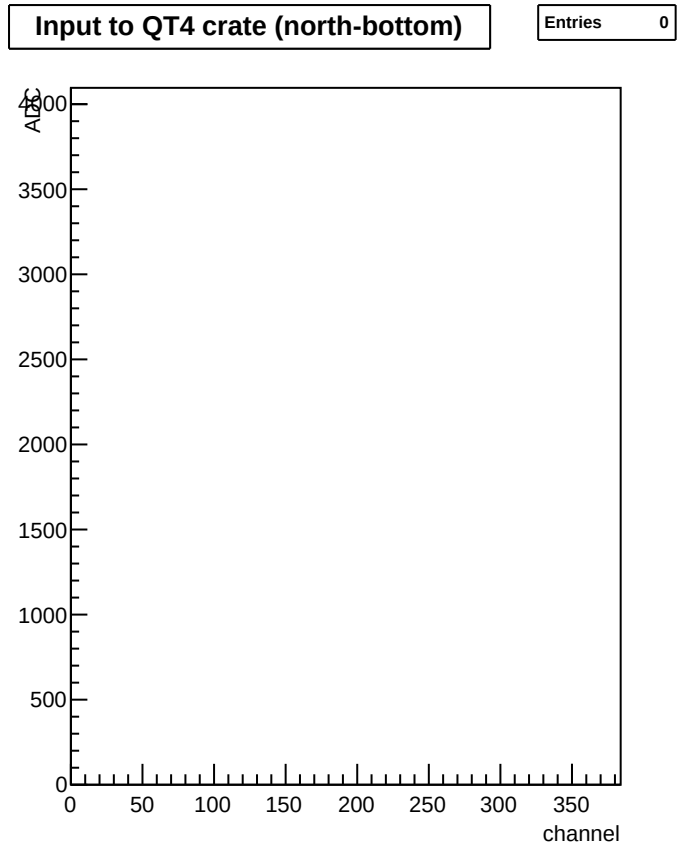

Entries 103216
VPD East ADC Sum
VPD West ADC Sum

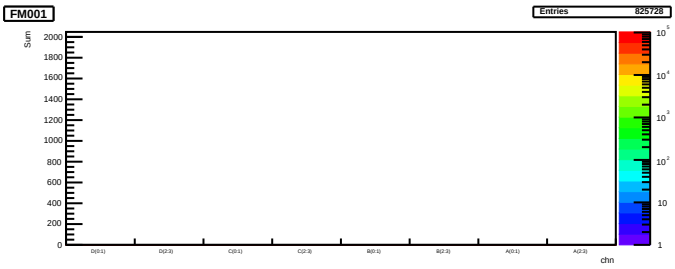

Entries 103216
BBC-S TAC Diff
ZDC TAC Diff

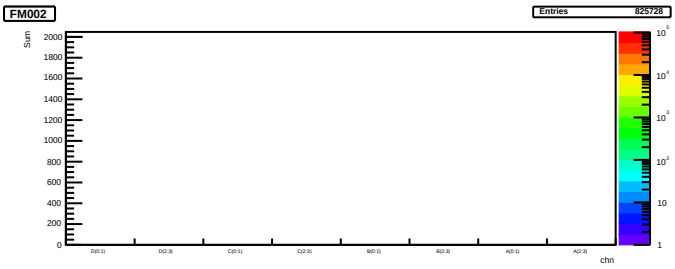

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

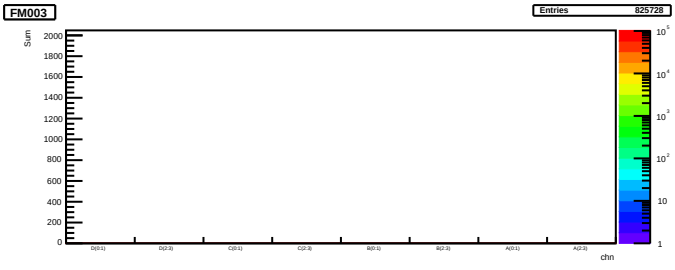

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

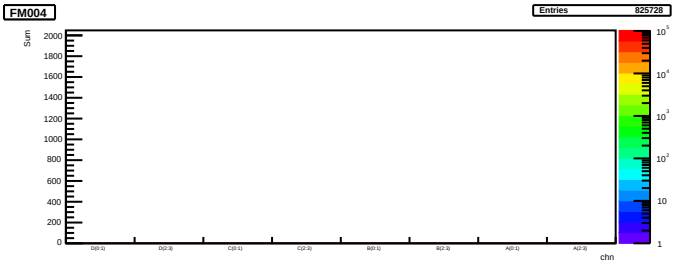

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

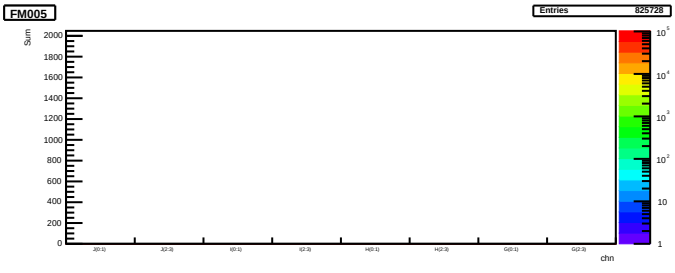

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

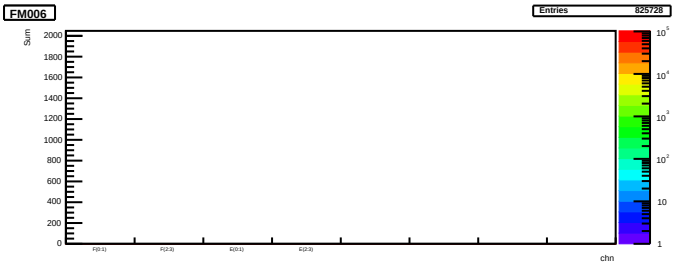

FM001
Entries 825728
Sum
chn

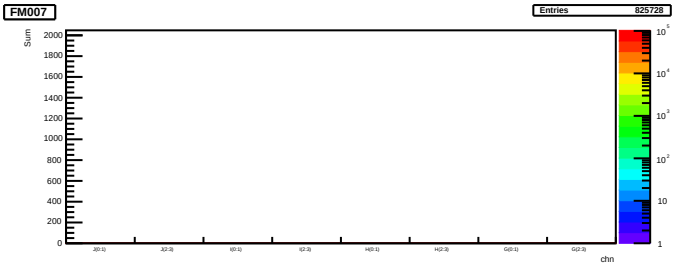

FM002
Entries 825728
Sum
chn

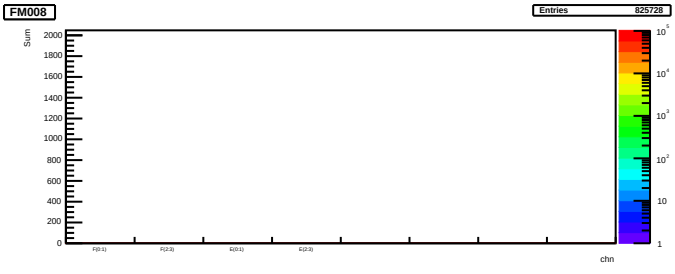

FM003
Entries 825728
Sum
chn

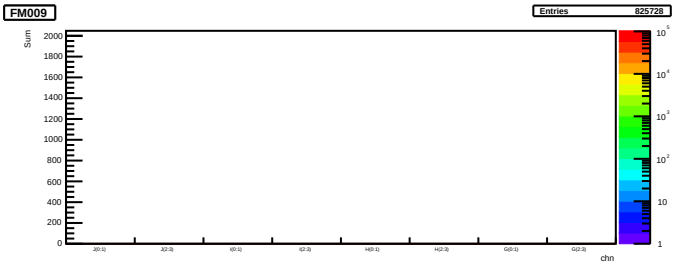

FM004
Entries 825728
Sum
chn

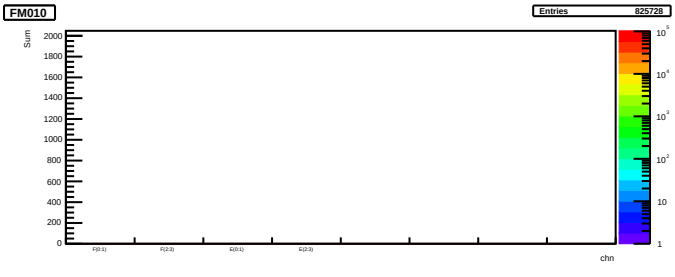

FM005
Entries 825728
Sum
chn

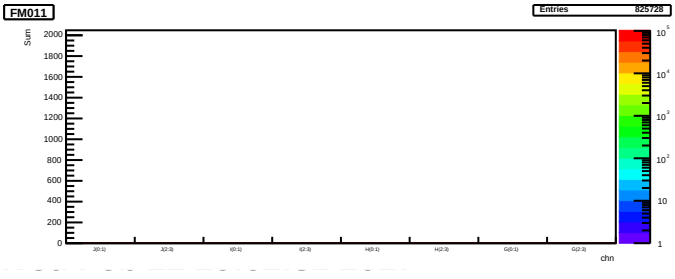

FM006
Entries 825728
Sum
chn

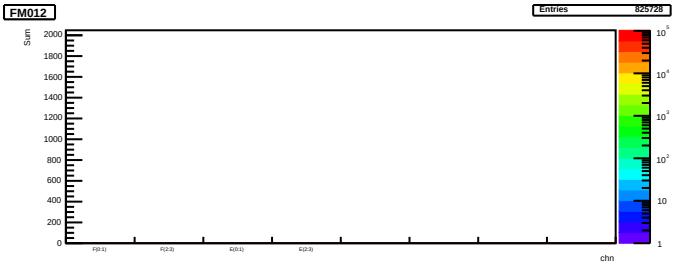

FM007
Entries 825728
Sum
chn


FM008
Entries 825728
Sum
chn


FM009
Entries 825728
Sum
chn


FM010
Entries 825728
Sum
chn


FM011
Entries 825728
Sum
chn


FM012
Entries 825728
Sum
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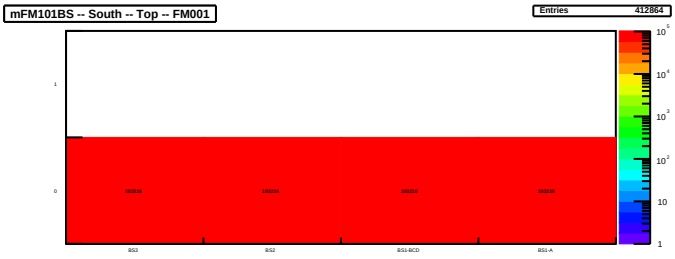
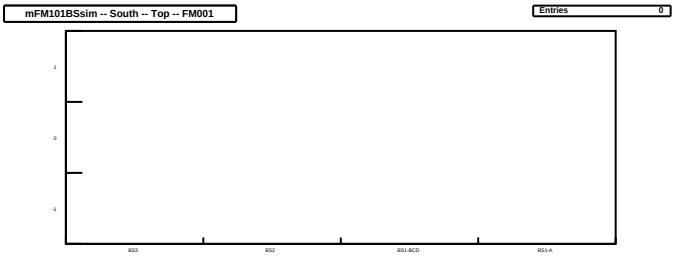
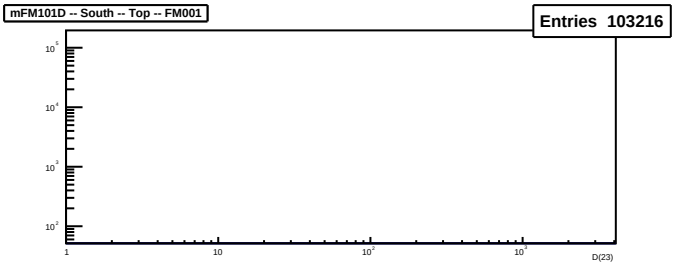
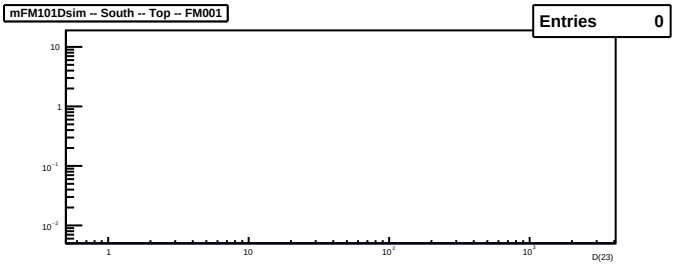
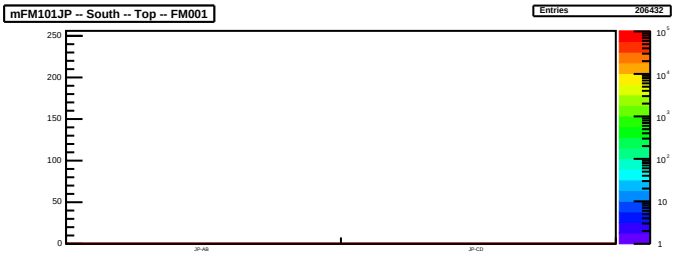

mFM101BS -- South -- Top -- FM001
Entries 412864
BS3
BS2
BS1-BCD
BS1-A

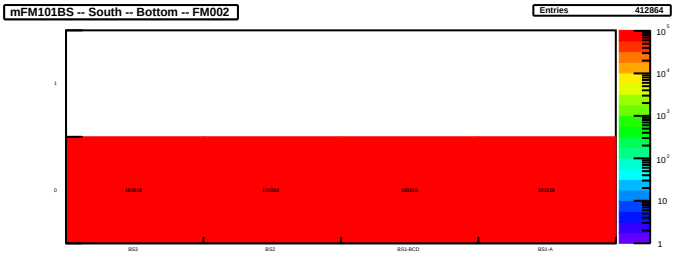

mFM101BSsim -- South -- Top -- FM001
Entries 0
BS3
BS2
BS1-BCD
BS1-A

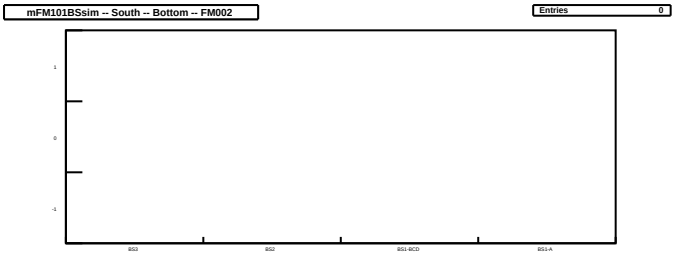

mFM101D -- South -- Top -- FM001
Entries 103216
D(23)

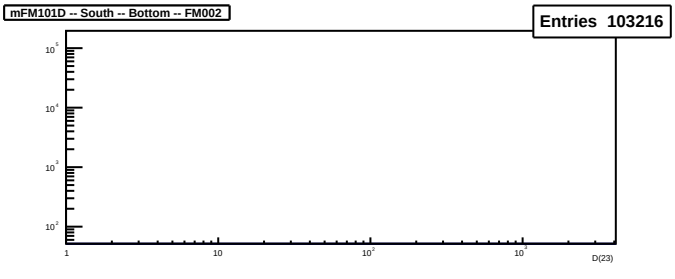

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 206432
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 412864
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Bottom -- FM002
Entries 0
BS3
BS2
BS1-BCD
BS1-A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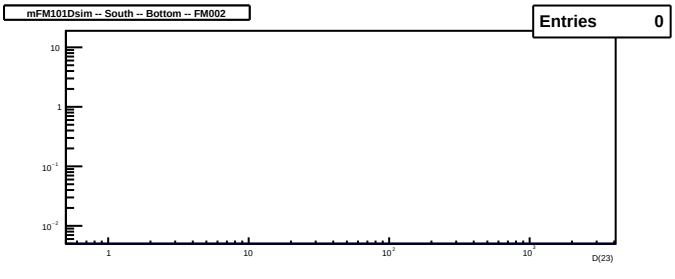
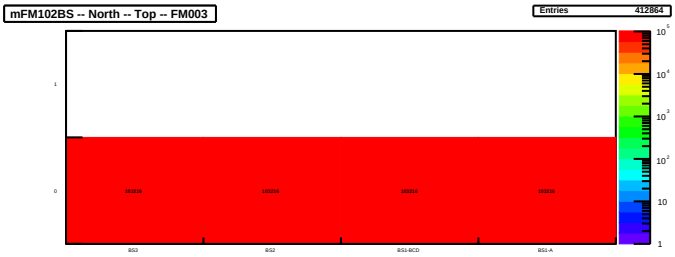
Entries 103216
D(23)

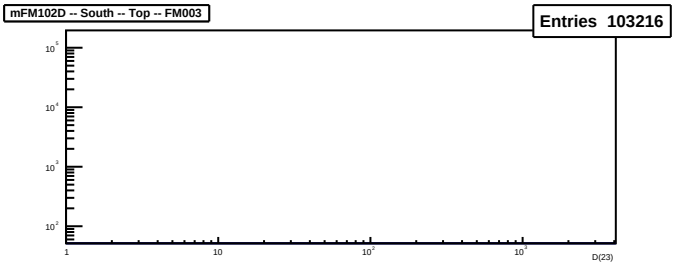

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

mFM101JP -- South -- Bottom -- FM002
Entries 206432
JP-AB
JP-CD

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


mFM102BS -- North -- Top -- FM003
Entries 412864
103216
103216
103216
103216
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A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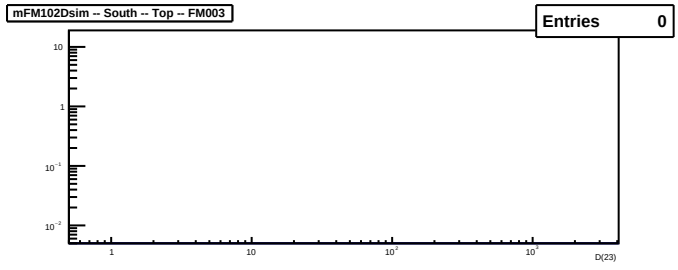
Entries 103216
D(23)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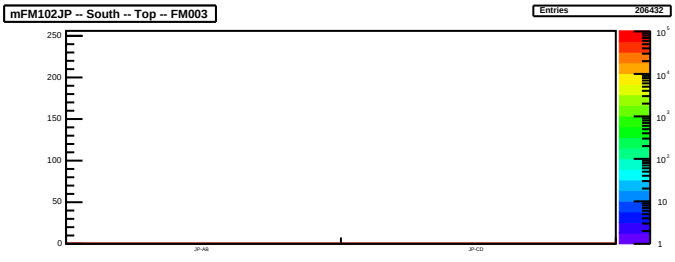
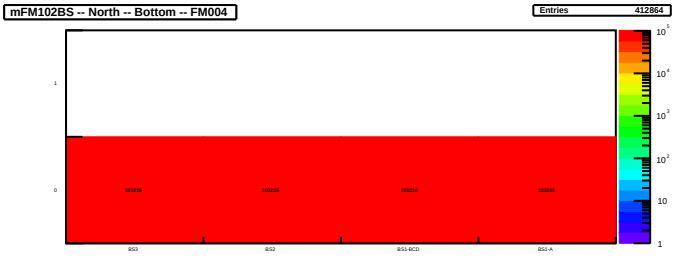
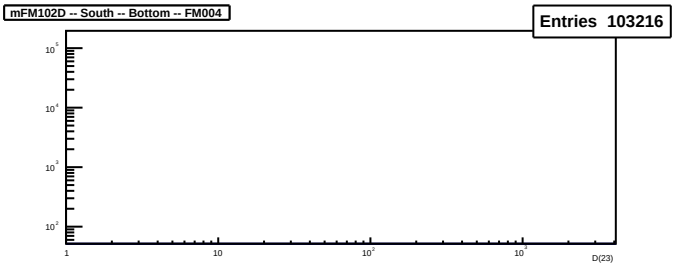
Entries 0
D(23)

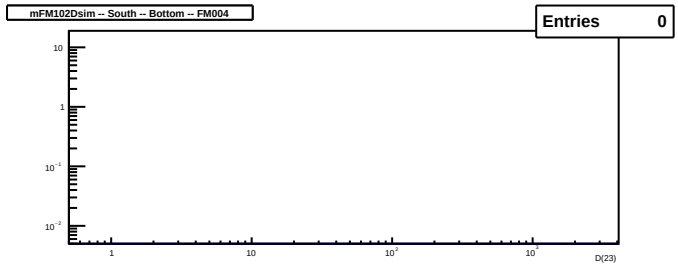

mFM102JP -- South -- Top -- FM003
Entries 206432
JP-AB
JP-CD

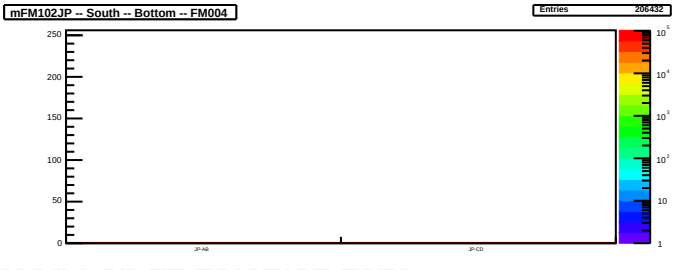
mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD

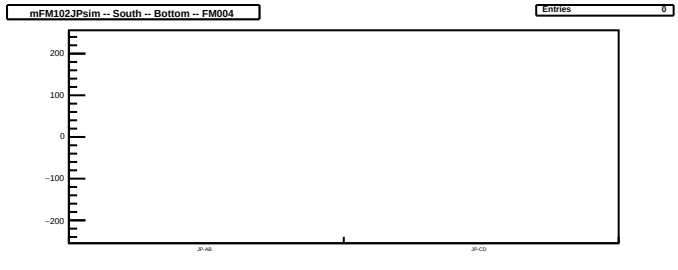

mFM102BS -- North -- Bottom -- FM004
Entries 412864
103216
103216
103216
103216
BS3
BS2
BS1-BCD
BS1-A

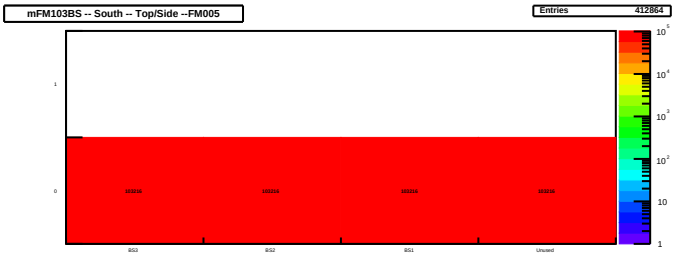
mFM102BSsim -- North -- Bottom -- FM004
Entries 0
BS3
BS2
BS1-BCD
BS1-A

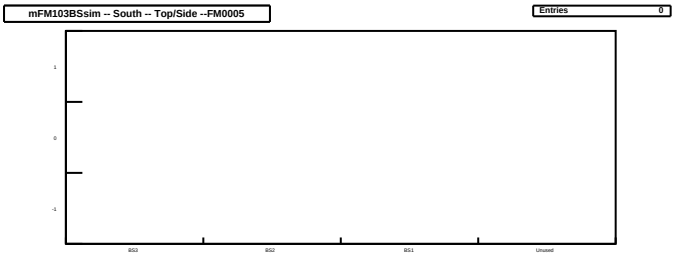

mFM102D -- South -- Bottom -- FM004
Entries 103216
D(23)

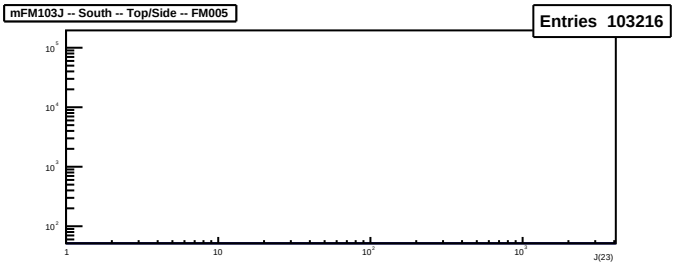

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

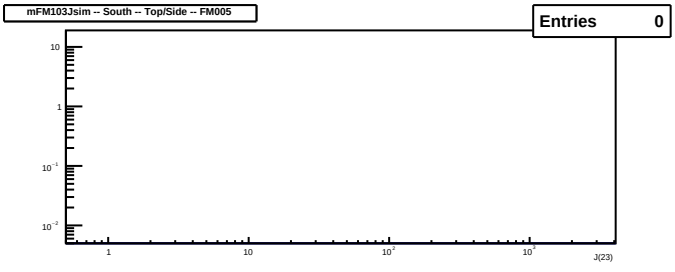

mFM102JP -- South -- Bottom -- FM004
Entries 206432
JP-AB
JP-CD

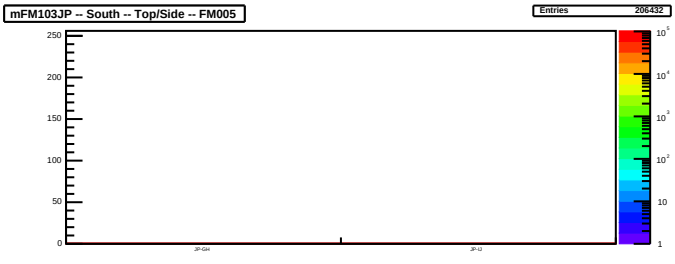

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

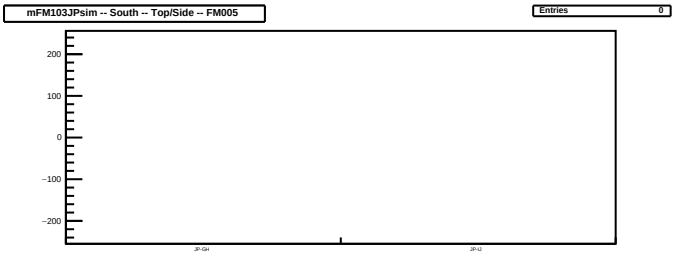

mFM103BS -- South -- Top/Side --FM005
Entries 412864
103216
103216
103216
103216
BS3
BS2
BS1
Unused


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


mFM103J -- South -- Top/Side -- FM005
Entries 103216
J(23)


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


mFM103JP -- South -- Top/Side -- FM005
Entries 206432
JP-GH
JP-U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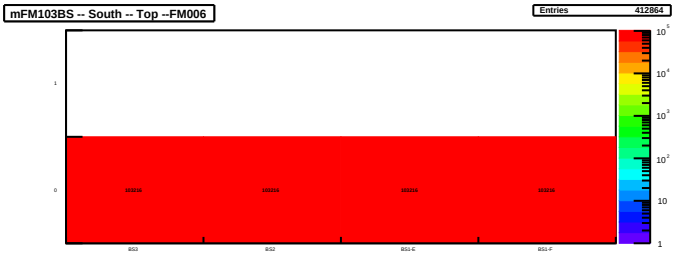
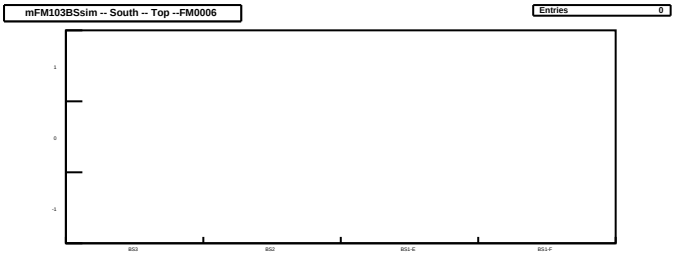
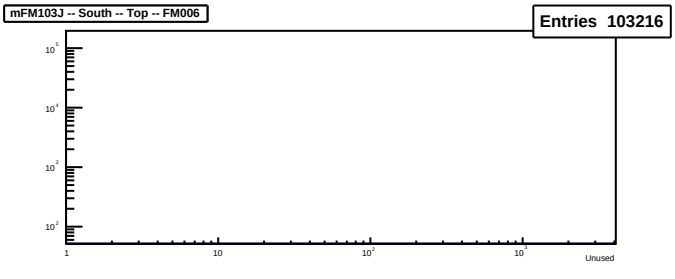
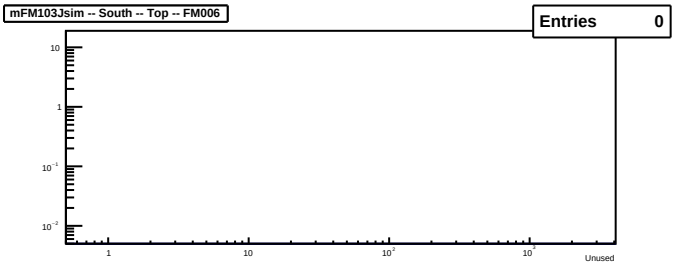
Entries 0
JP-GH
JP-U

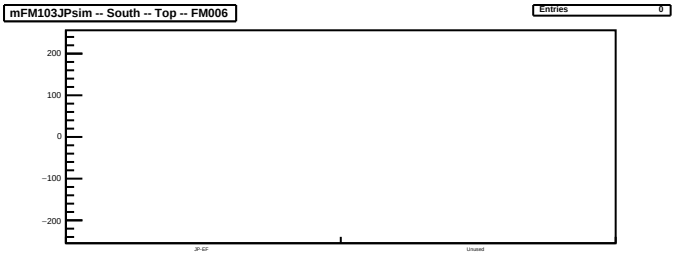

mFM103BS -- South -- Top --FM006
Entries 412864
103216
103216
103216
103216
BS3
BS2
BS1-E
BS1-F

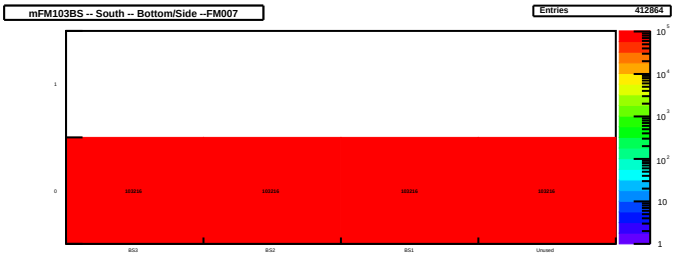

mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F

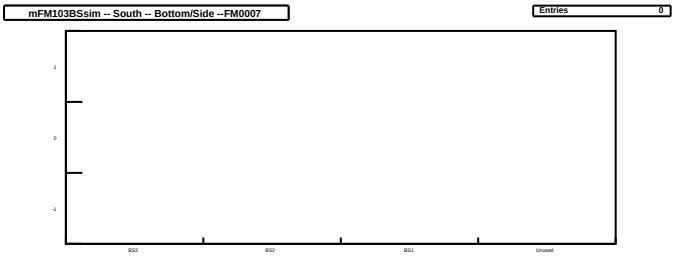

mFM103J -- South -- Top -- FM006
Entries 103216
Unused

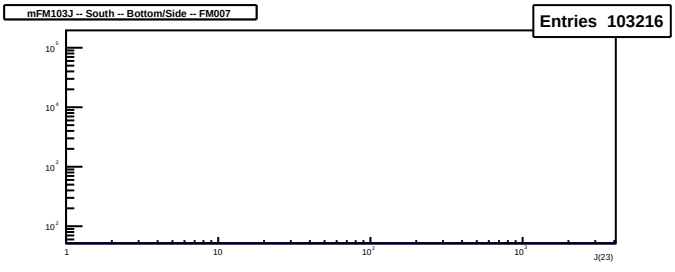

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

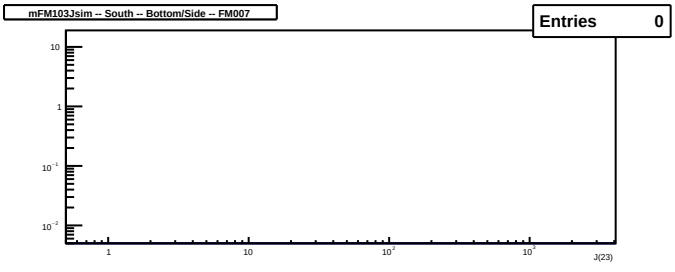
mFM103JP -- South -- Top -- FM006
Entries 206432
JP-EF
Unused


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

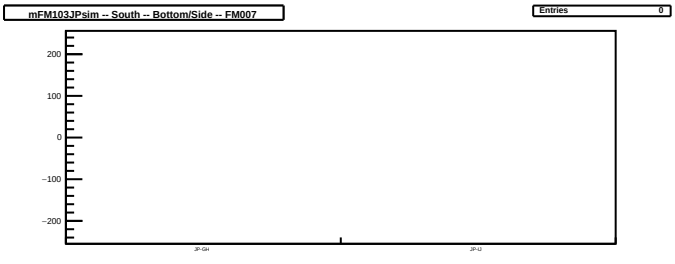

mFM103BS -- South -- Bottom/Side --FM007
Entries 412864
103216
103216
103216
103216
BS3
BS2
BS1
Unused

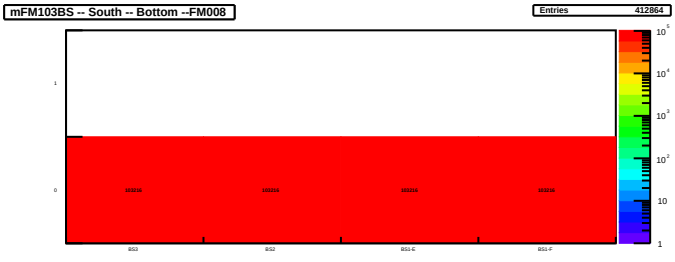

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 0
BS3
BS2
BS1
Unused

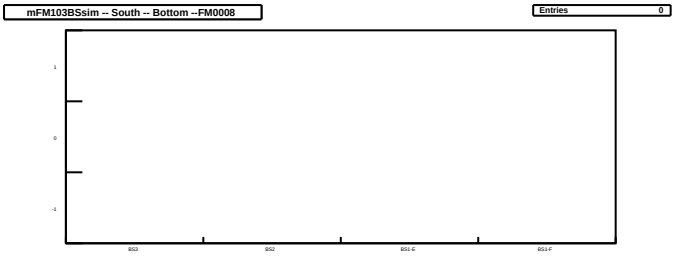

mFM103J -- South -- Bottom/Side -- FM007
Entries 103216
J(23)

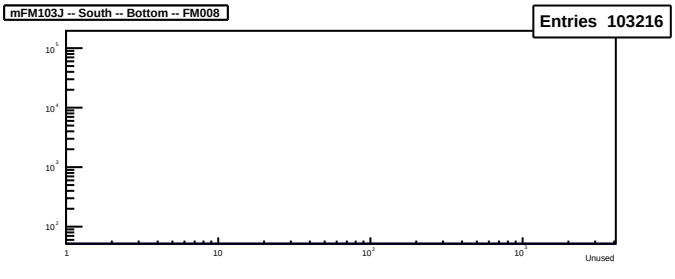

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

mFM103JP -- South -- Bottom/Side -- FM007
Entries 206432
JP-GH
JP-IJ


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


mFM103BS -- South -- Bottom --FM008
Entries 412864
103216
103216
103216
103216
BS3
BS2
BS1-E
BS1-F


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


mFM103J -- South -- Bottom -- FM008
Entries 103216
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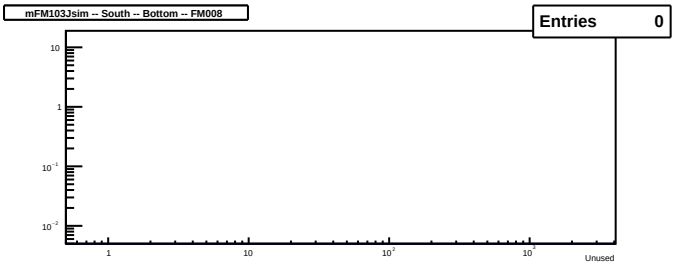
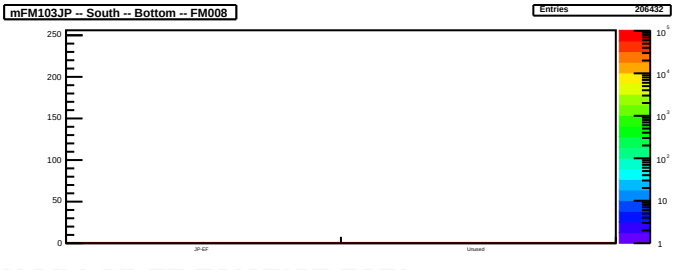
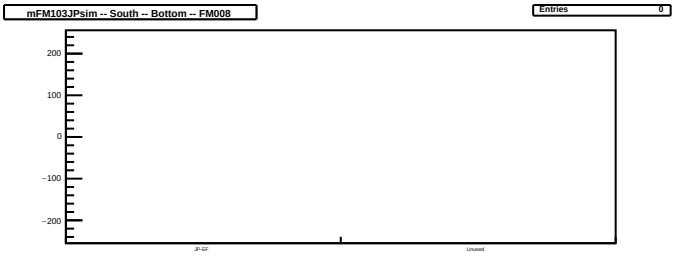
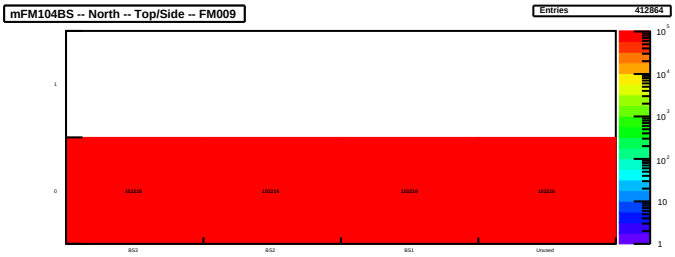
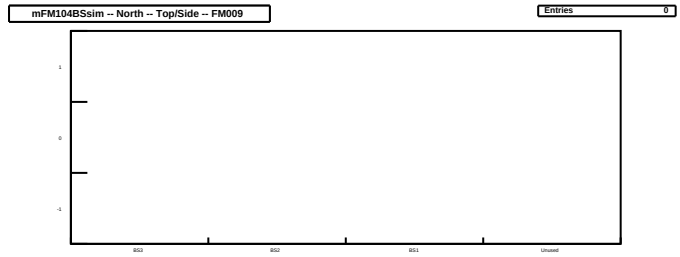
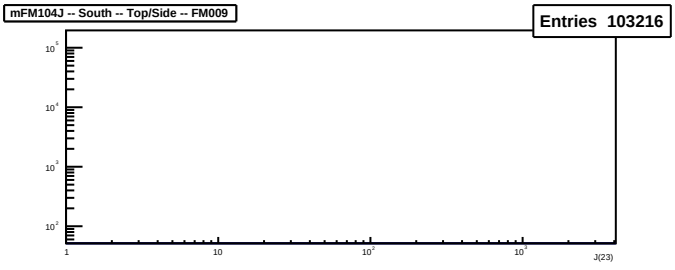

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

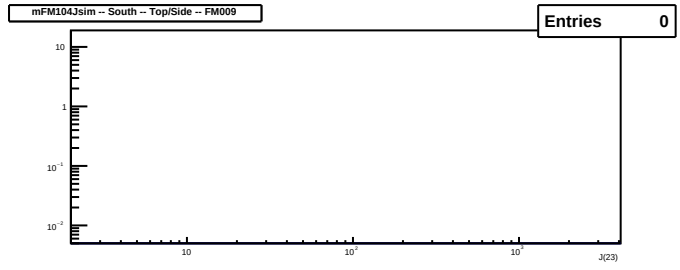

mFM103JP -- South -- Bottom -- FM008
Entries 206432
JP-EF
Unused

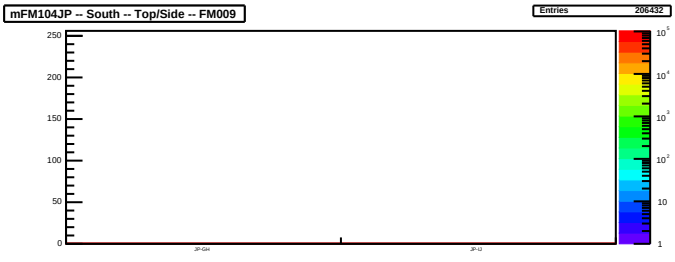

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 412864
103216
103216
103216
103216
BS3
BS2
BS1
Unused

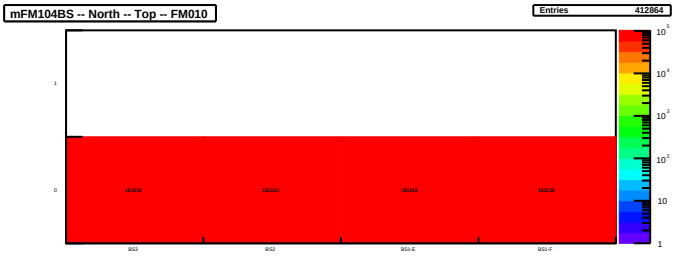

mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused

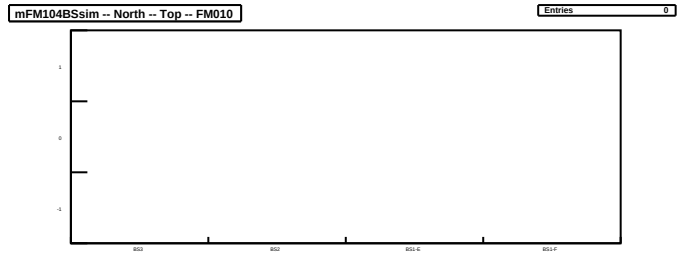

mFM104J -- South -- Top/Side -- FM009
Entries 103216
J(23)

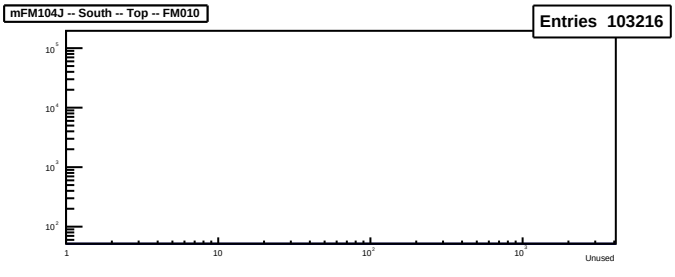

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

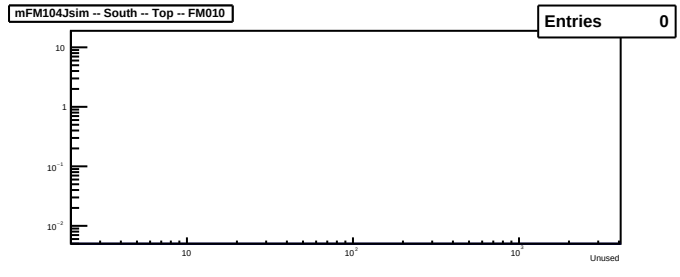

mFM104JP -- South -- Top/Side -- FM009
Entries 206432
JP-GH
JP-U

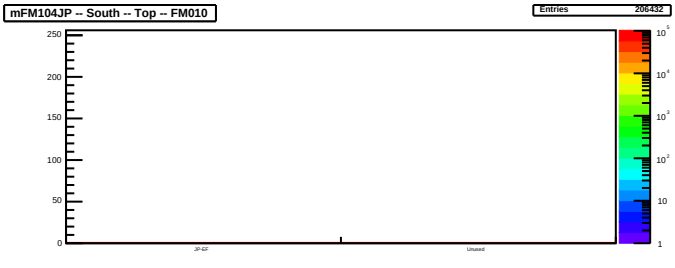
mFM104JPsim -- South -- Top/Side -- FM009
Entries 0
JP-GH
JP-U


mFM104BS -- North -- Top -- FM010
Entries 412864
103216
103216
103216
103216
BS3
BS2
BS1-E
BS1-F

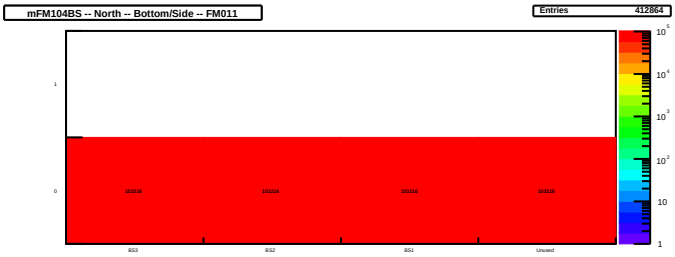

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

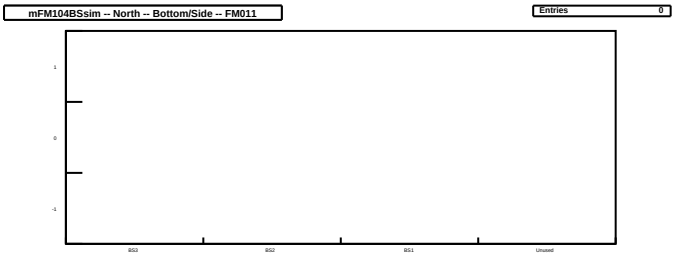

mFM104J -- South -- Top -- FM010
Entries 103216
Unused

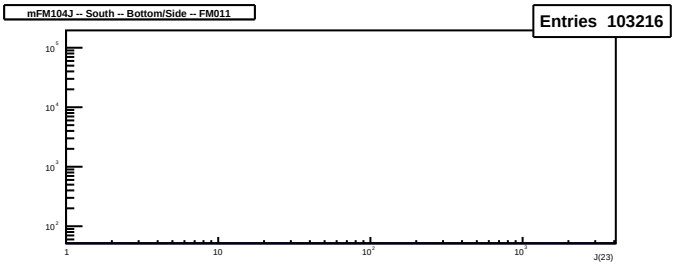

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

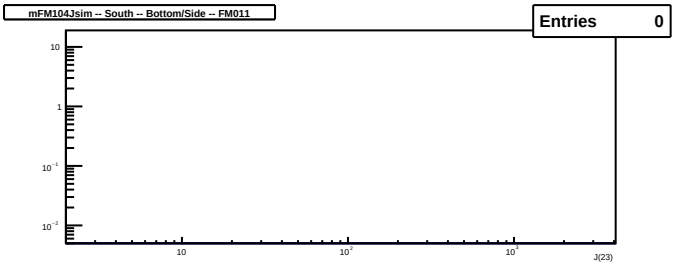

mFM104JP -- South -- Top -- FM010
Entries 206432
JP-EF
Unused

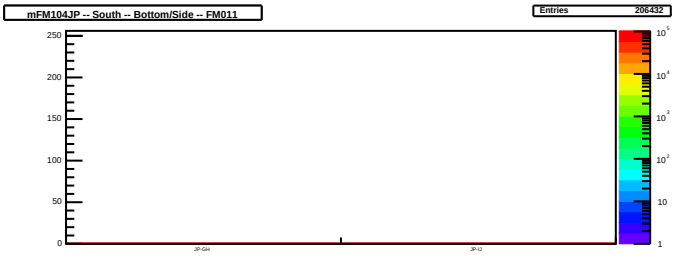
mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

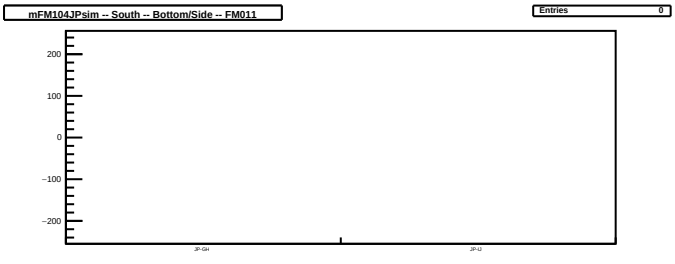

mFM104BS -- North -- Bottom/Side -- FM011
Entries 412864
103216
103216
103216
103216
BS3
BS2
BS1
Unused

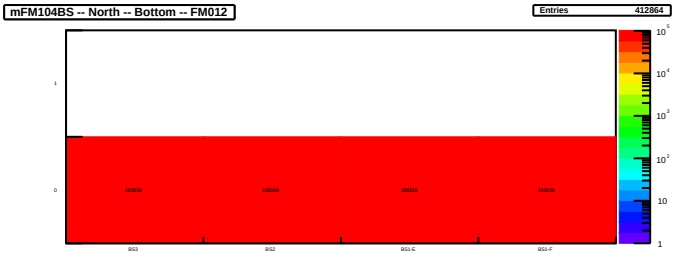

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

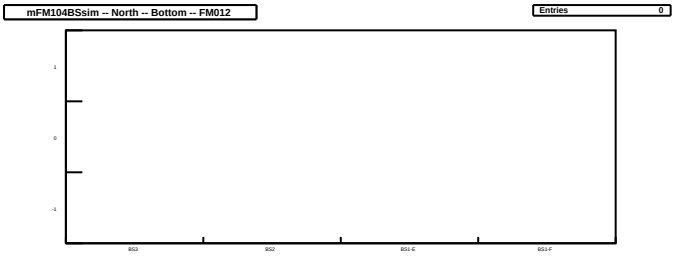

mFM104J -- South -- Bottom/Side -- FM011
Entries 103216
J(23)

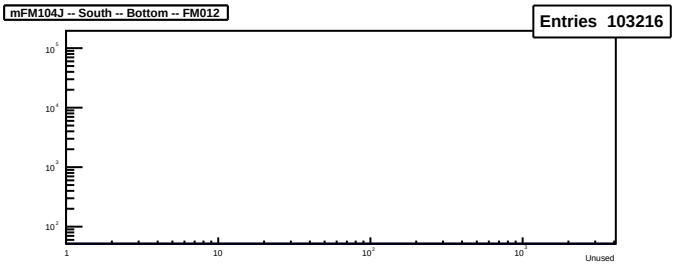

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

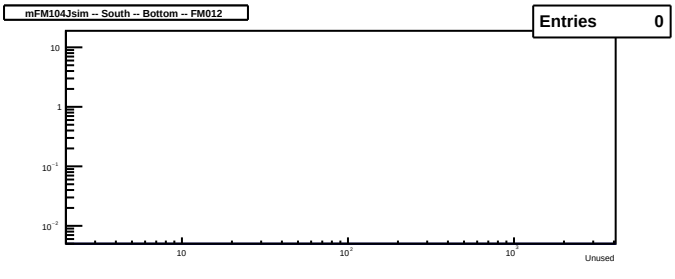

mFM104JP -- South -- Bottom/Side -- FM011
Entries 206432
JP-GH
JP-IJ


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

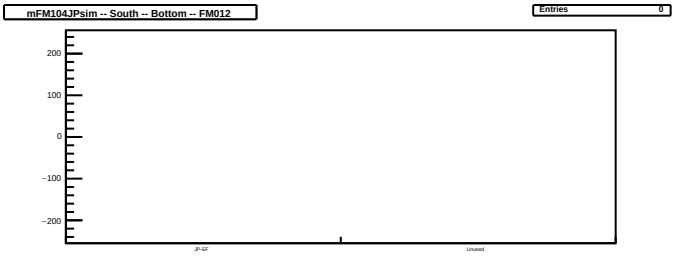

mFM104BS -- North -- Bottom -- FM012
Entries 412864
103216
103216
103216
103216
BS3
BS2
BS1-E
BS1-F

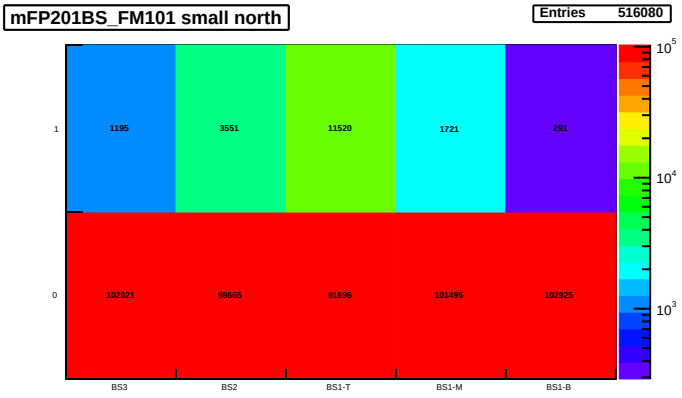

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

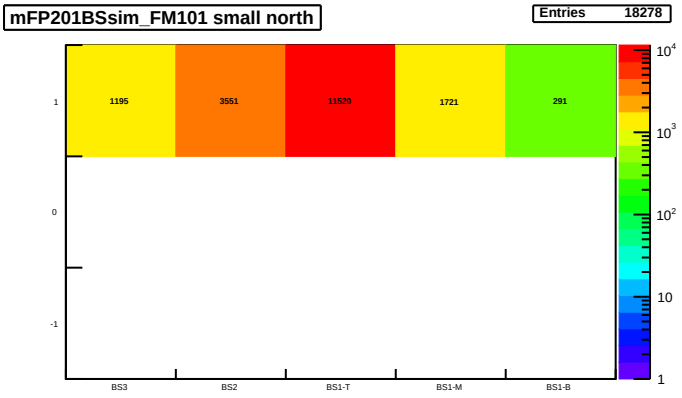

mFM104J -- South -- Bottom -- FM012
Entries 103216
Unused

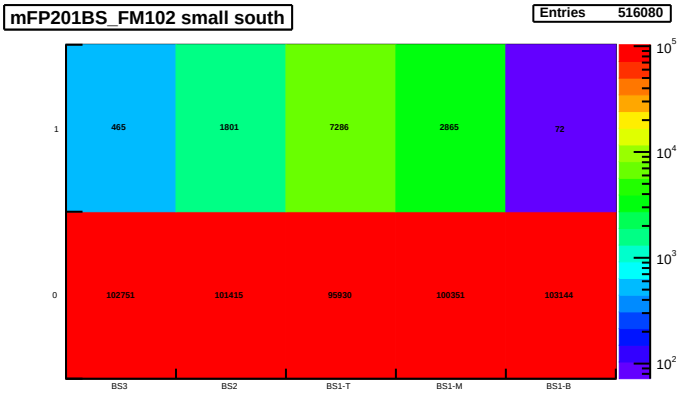

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

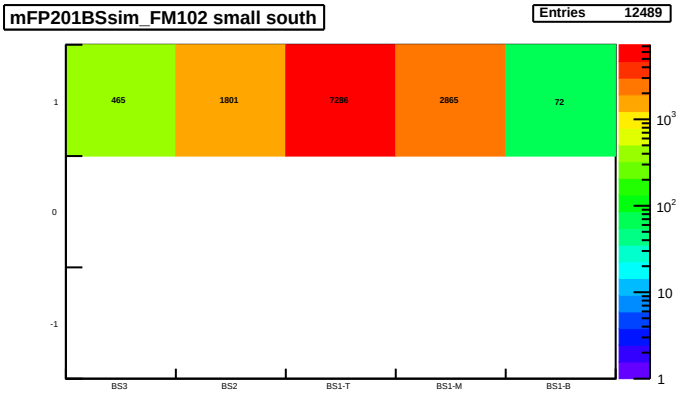
mFM104JP -- South -- Bottom -- FM012
Entries 206432
JP-EF
Unused

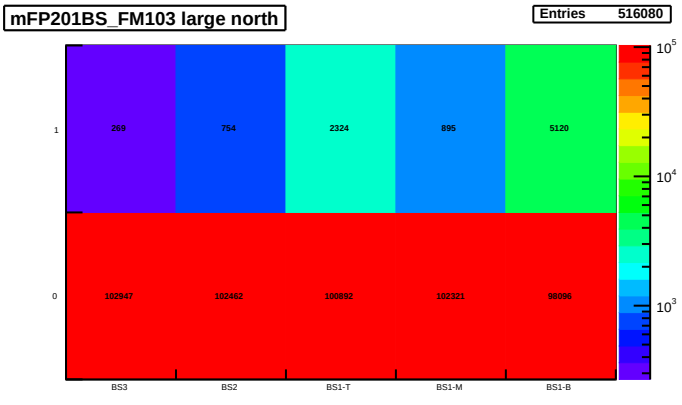

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

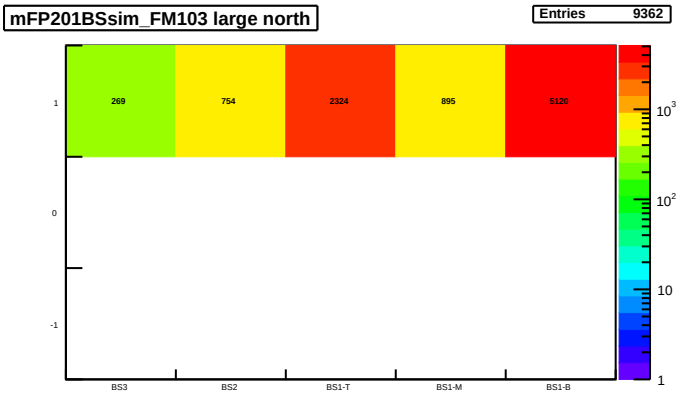

mFP201BS_FM101 small north
Entries 516080
1195
3551
11520
1721
291
102021
99665
91696
101495
102925
BS3
BS2
BS1-T
BS1-M
BS1-B

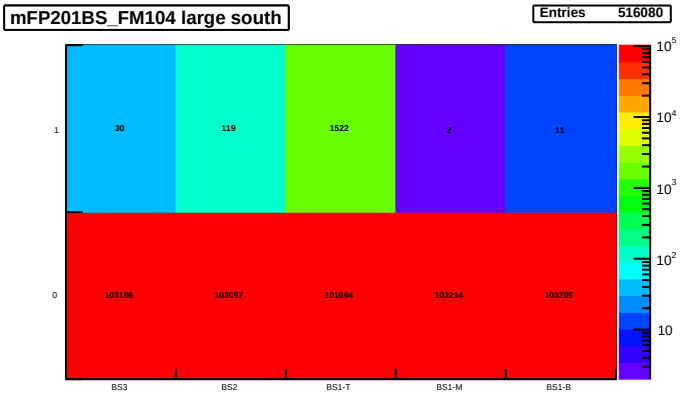

mFP201BSsim_FM101 small north
Entries 18278
1195
3551
11520
1721
291
BS3
BS2
BS1-T
BS1-M
BS1-B

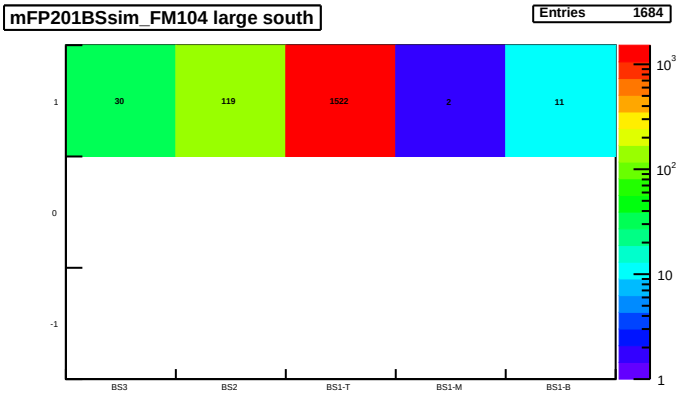

mFP201BS_FM102 small south
Entries 516080
465
1801
7286
2865
72
102751
101415
95930
100351
103144
BS3
BS2
BS1-T
BS1-M
BS1-B

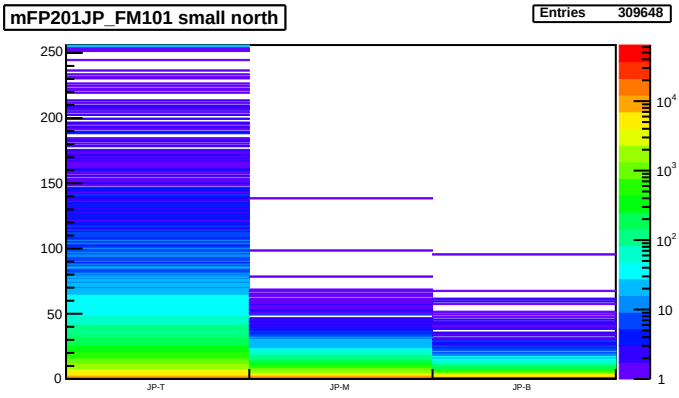

mFP201BSsim_FM102 small south
Entries 12489
465
1801
7286
2865
72
BS3
BS2
BS1-T
BS1-M
BS1-B

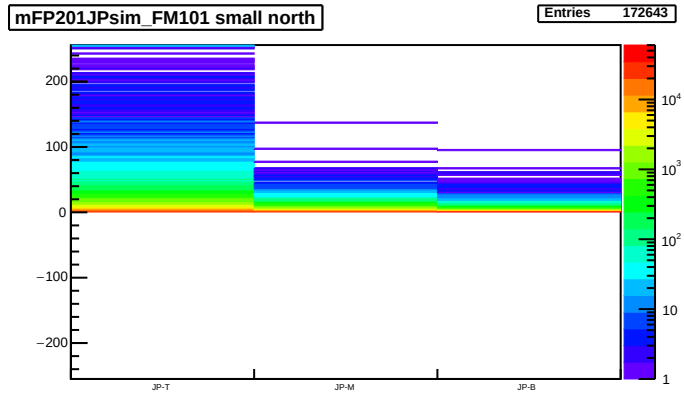

mFP201BS_FM103 large north
Entries 516080
269
754
2324
895
5120
102947
102462
100892
102321
98096
BS3
BS2
BS1-T
BS1-M
BS1-B

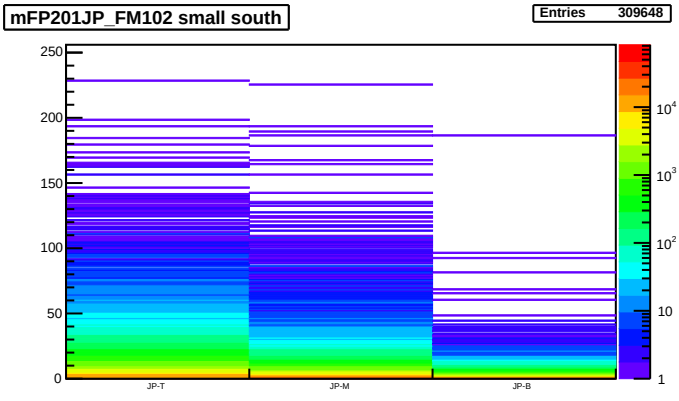

mFP201BSsim_FM103 large north
Entries 9362
269
754
2324
895
5120
BS3
BS2
BS1-T
BS1-M
BS1-B

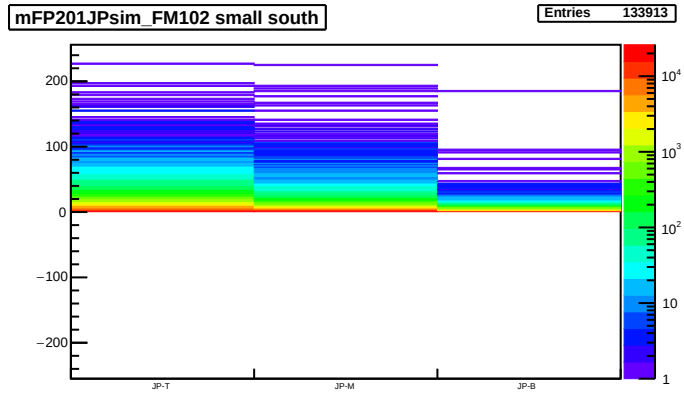

mFP201BS_FM104 large south
Entries 516080
30
119
1522
2
11
103186
103097
101694
103214
103205
BS3
BS2
BS1-T
BS1-M
BS1-B

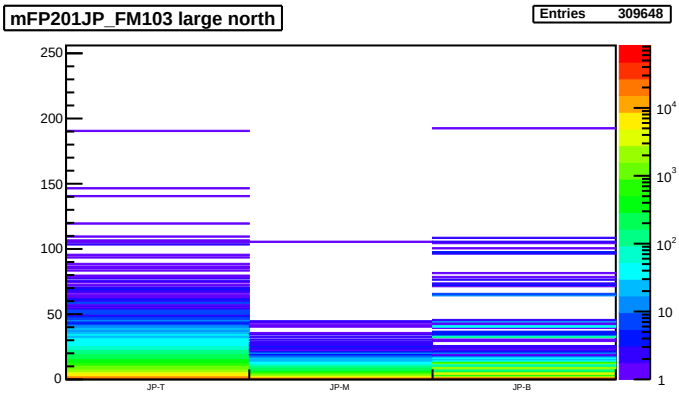

mFP201BSsim_FM104 large south
Entries 1684
30
119
1522
2
11
BS3
BS2
BS1-T
BS1-M
BS1-B

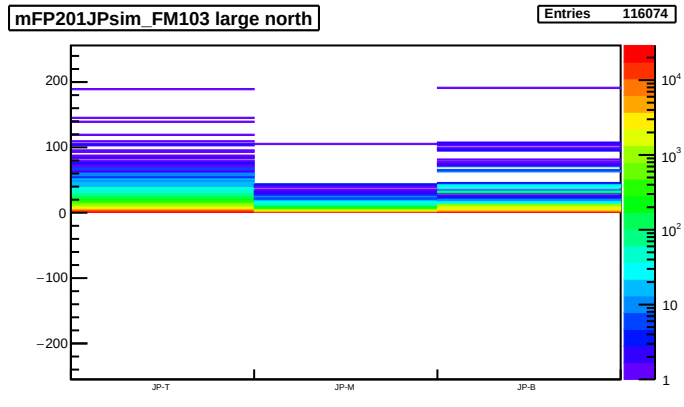

mFP201JP_FM101 small north
Entries 309648
JP-T
JP-M
JP-B

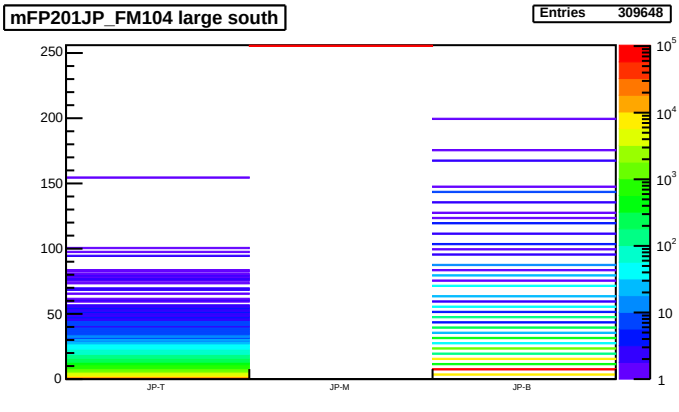

mFP201JPsim_FM101 small north
Entries 172643
JP-T
JP-M
JP-B

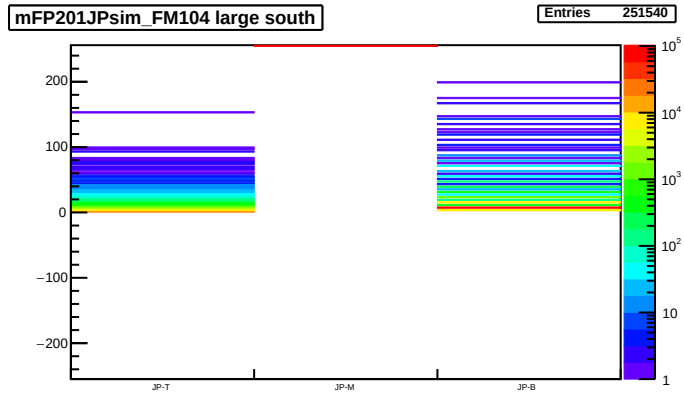

mFP201JP_FM102 small south
Entries 309648
JP-T
JP-M
JP-B

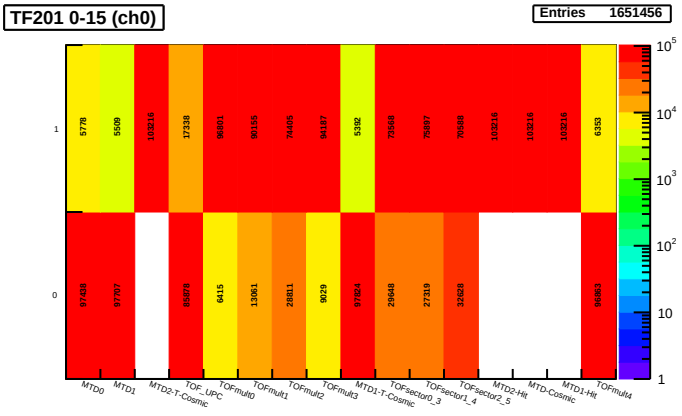

mFP201JPsim_FM102 small south
Entries 133913
JP-T
JP-M
JP-B

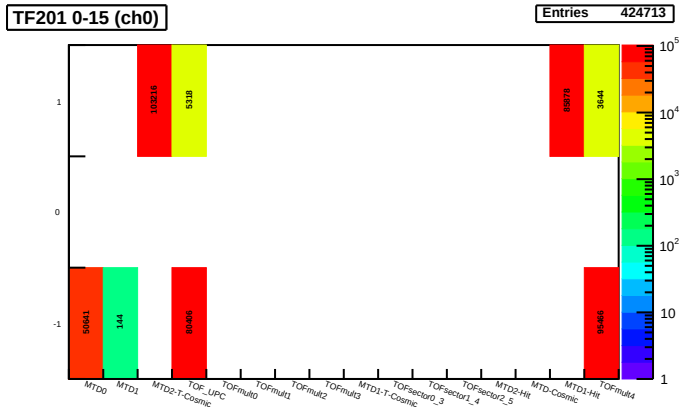

mFP201JP_FM103 large north
Entries 309648
JP-T
JP-M
JP-B

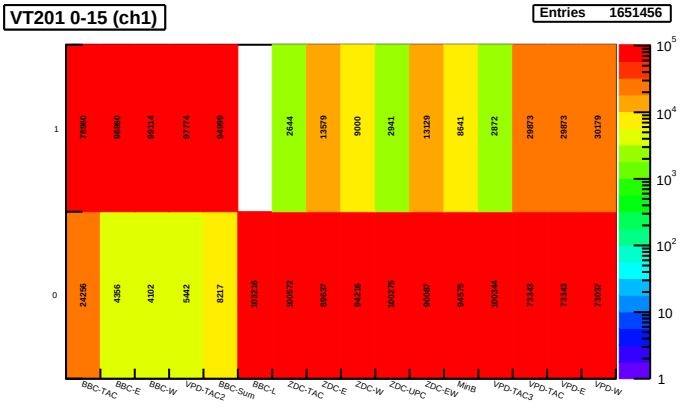

mFP201JPsim_FM103 large north
Entries 116074
JP-T
JP-M
JP-B

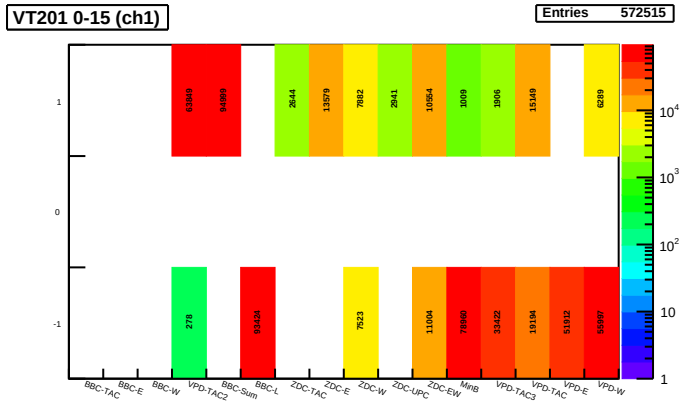

mFP201JP_FM104 large south
Entries 309648
JP-T
JP-M
JP-B

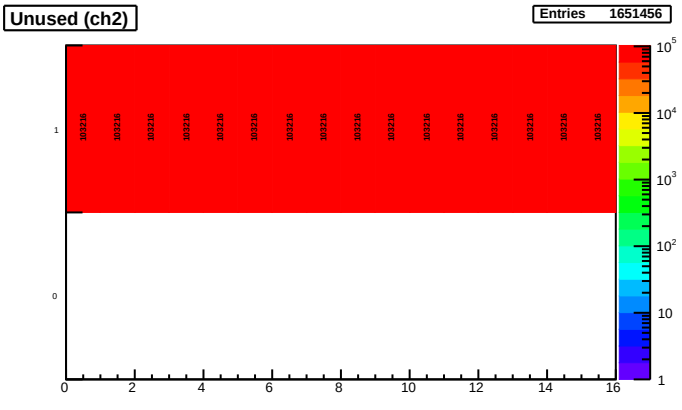

mFP201JPsim_FM104 large south
Entries 251540
JP-T
JP-M
JP-B

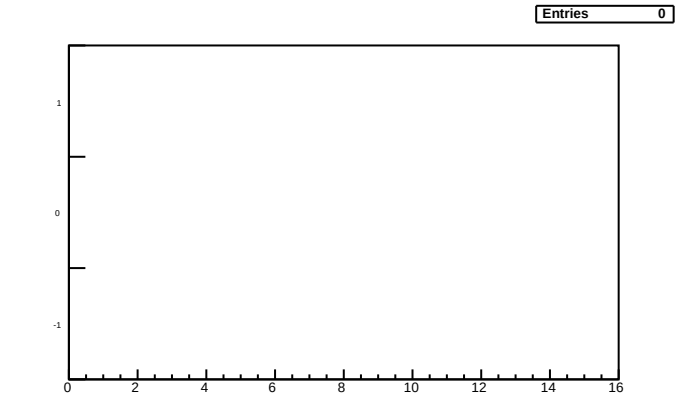

TF201 0-15 (ch0)
Entries 1651456
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

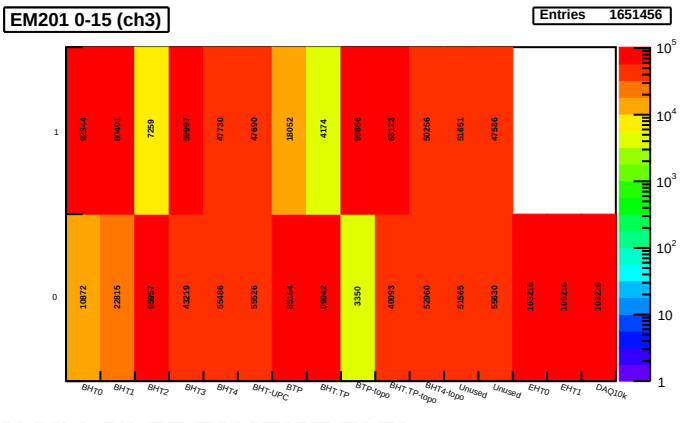

TF201 0-15 (ch0)
Entries 424713
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

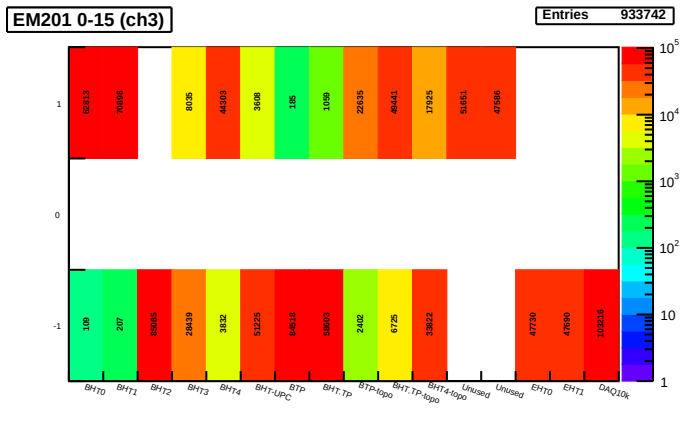

VT201 0-15 (ch1)
Entries 1651456
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

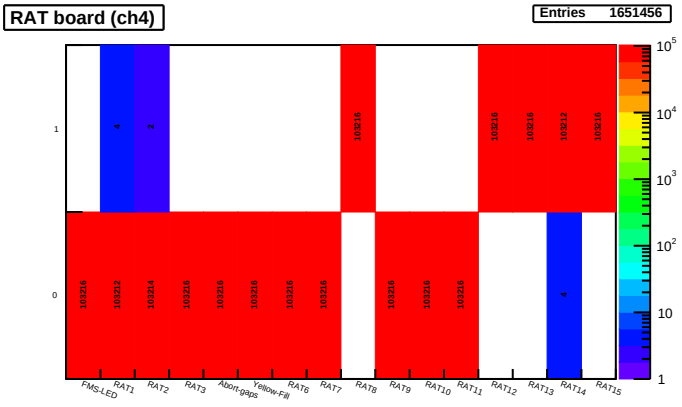

VT201 0-15 (ch1)
Entries 572515
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

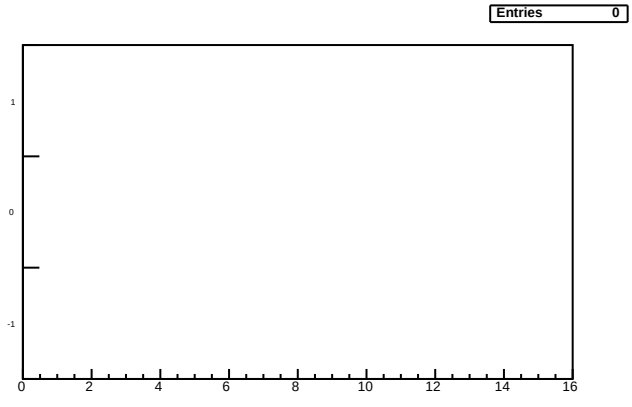

Unused (ch2)
Entries 1651456

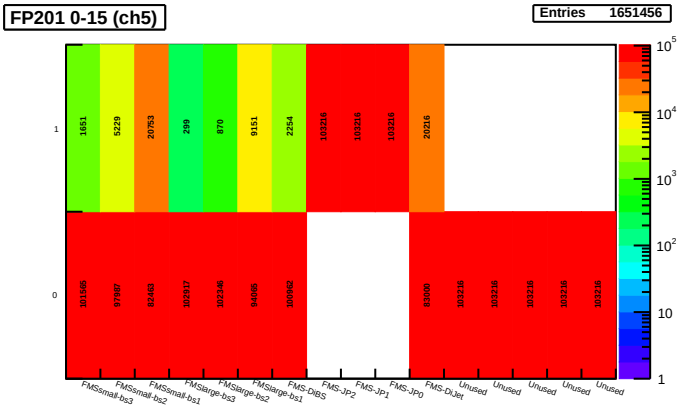

Entries 0

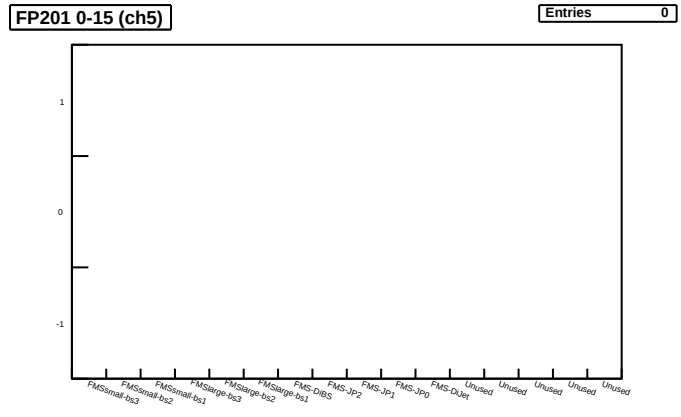

EM201 0-15 (ch3)
Entries 1651456
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT.TP BTP-topo BHT.TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

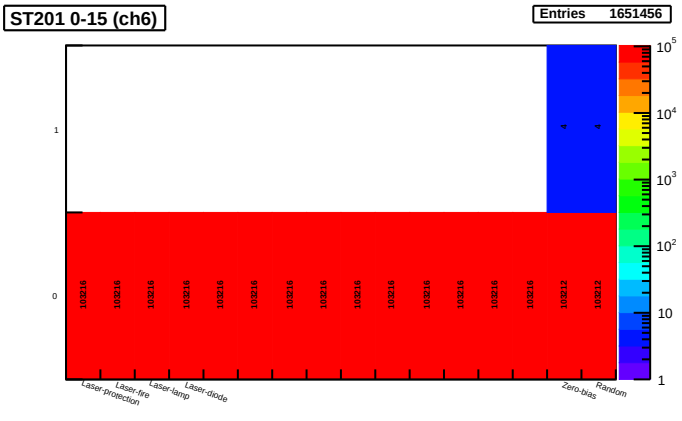

EM201 0-15 (ch3)
Entries 933742
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT.TP BTP-topo BHT.TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

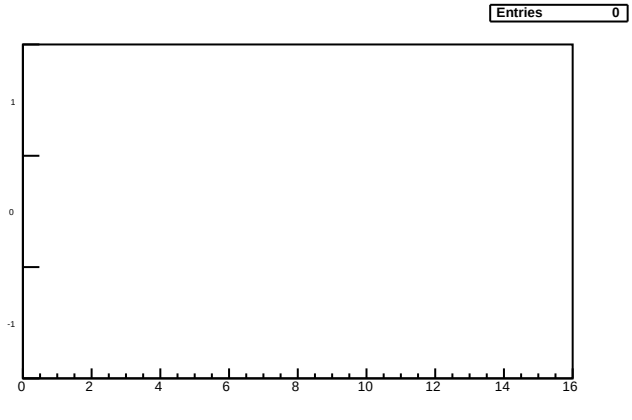

RAT board (ch4)
Entries 1651456
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

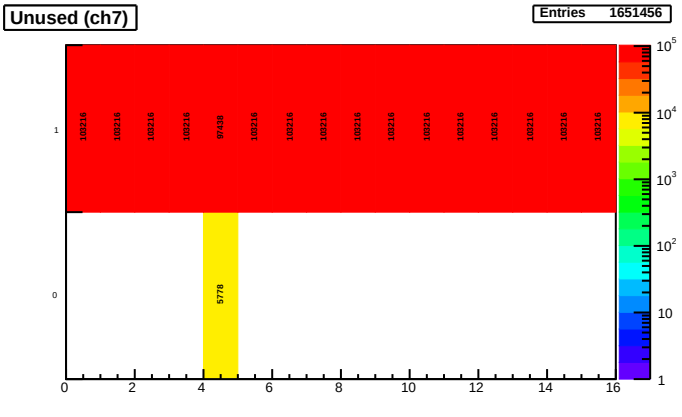

Entries 0

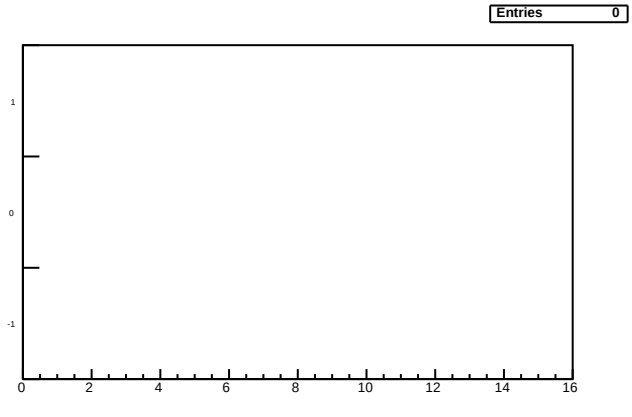

FP201 0-15 (ch5)
Entries 1651456
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


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 1651456
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 1651456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