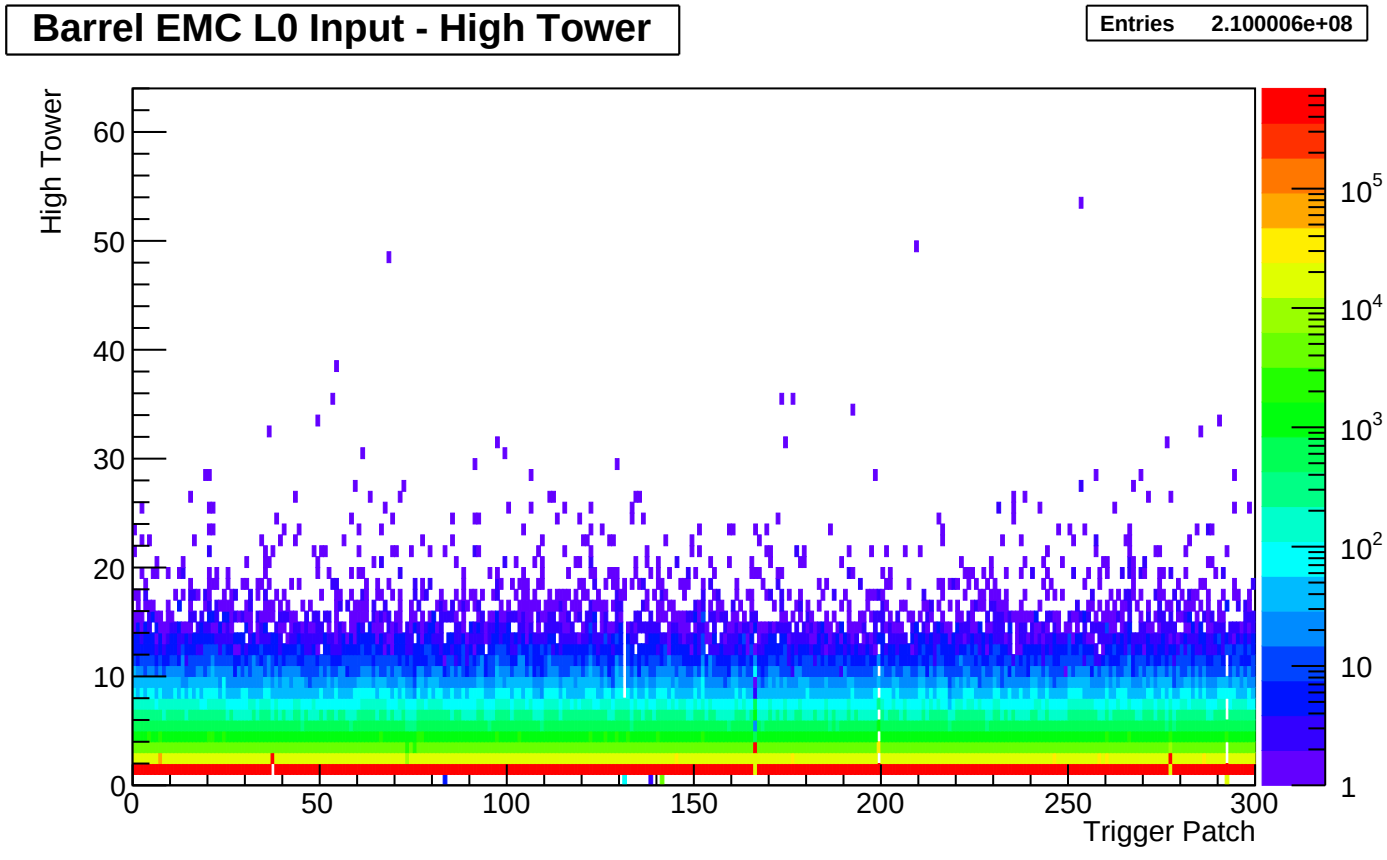
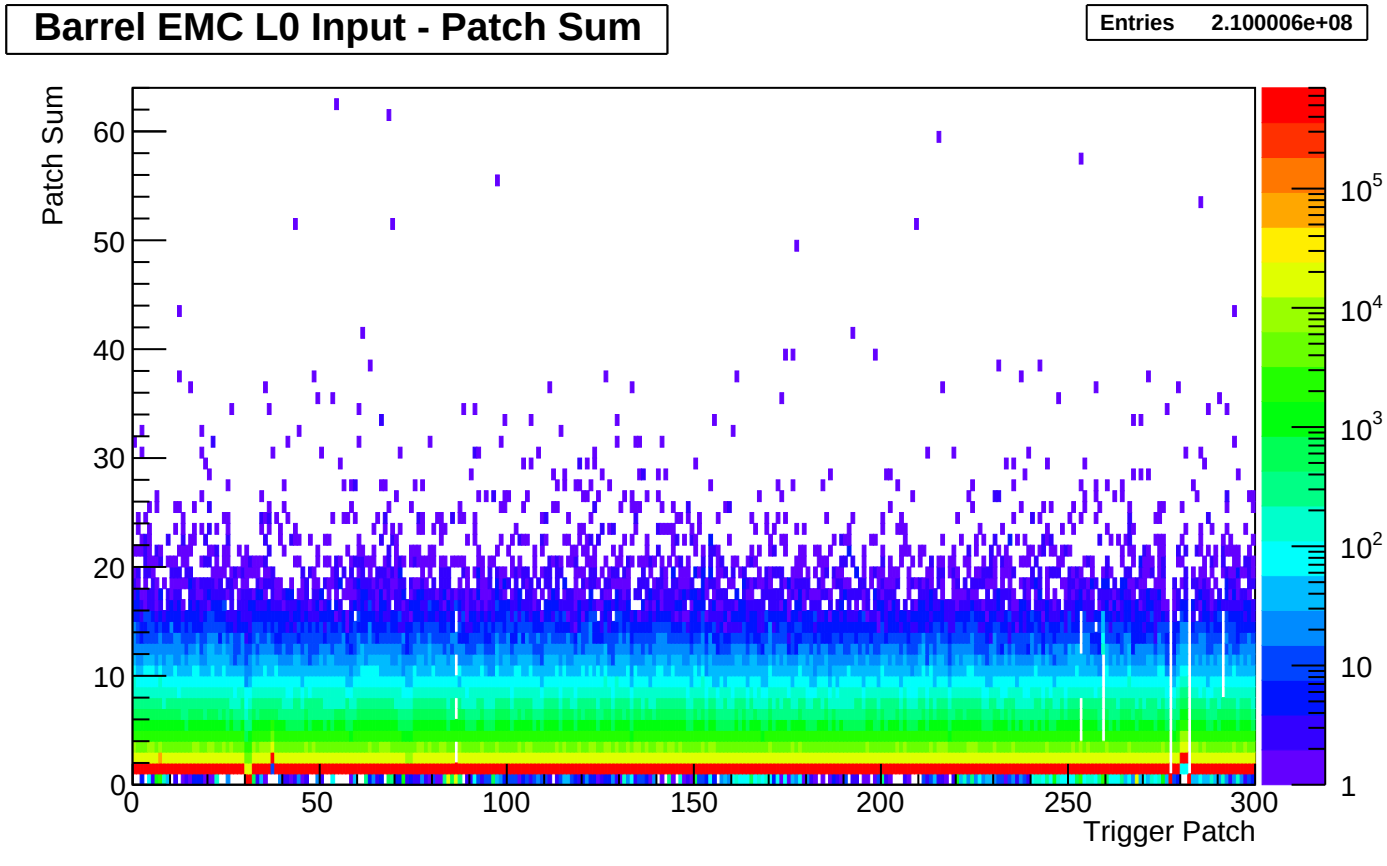
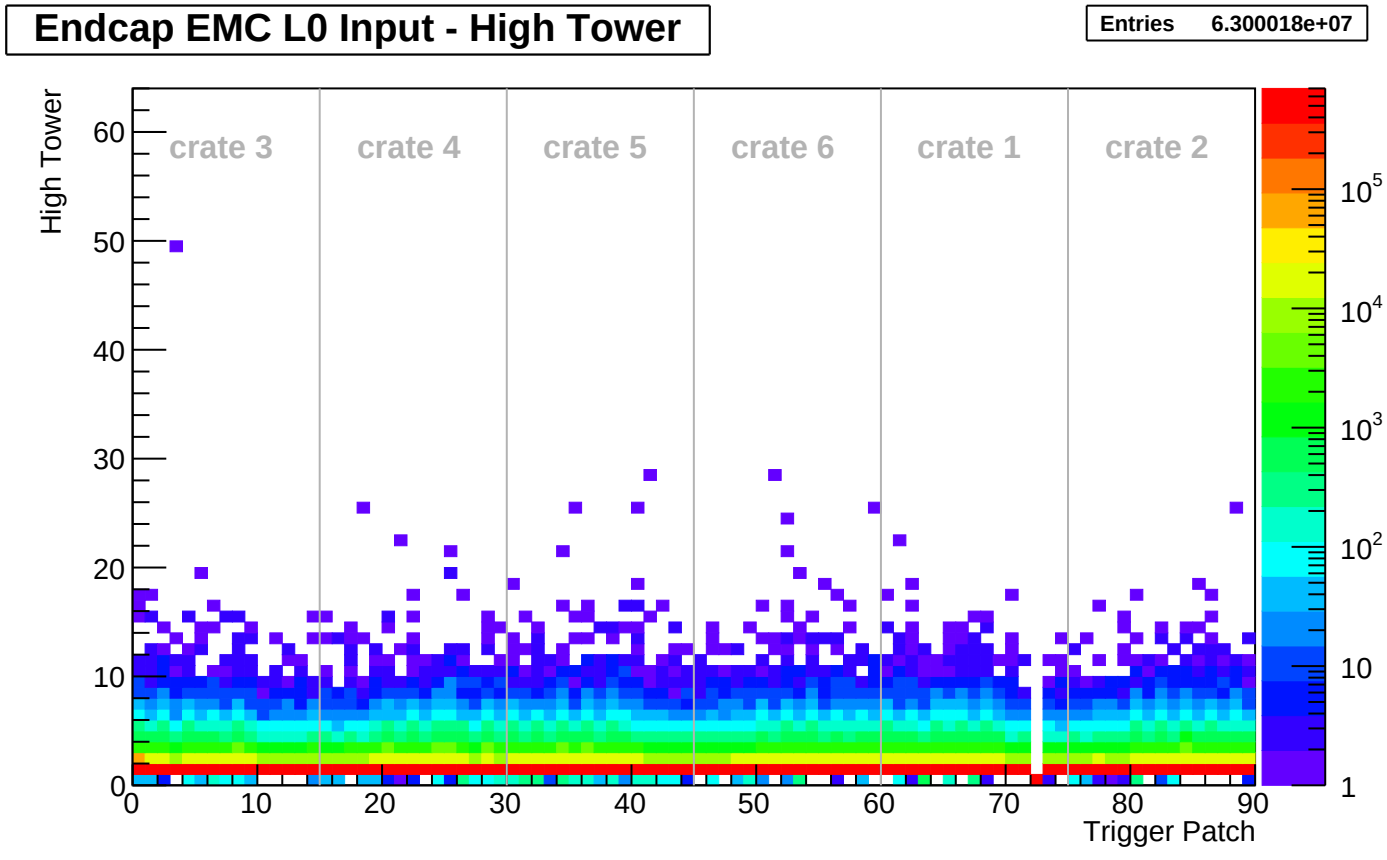
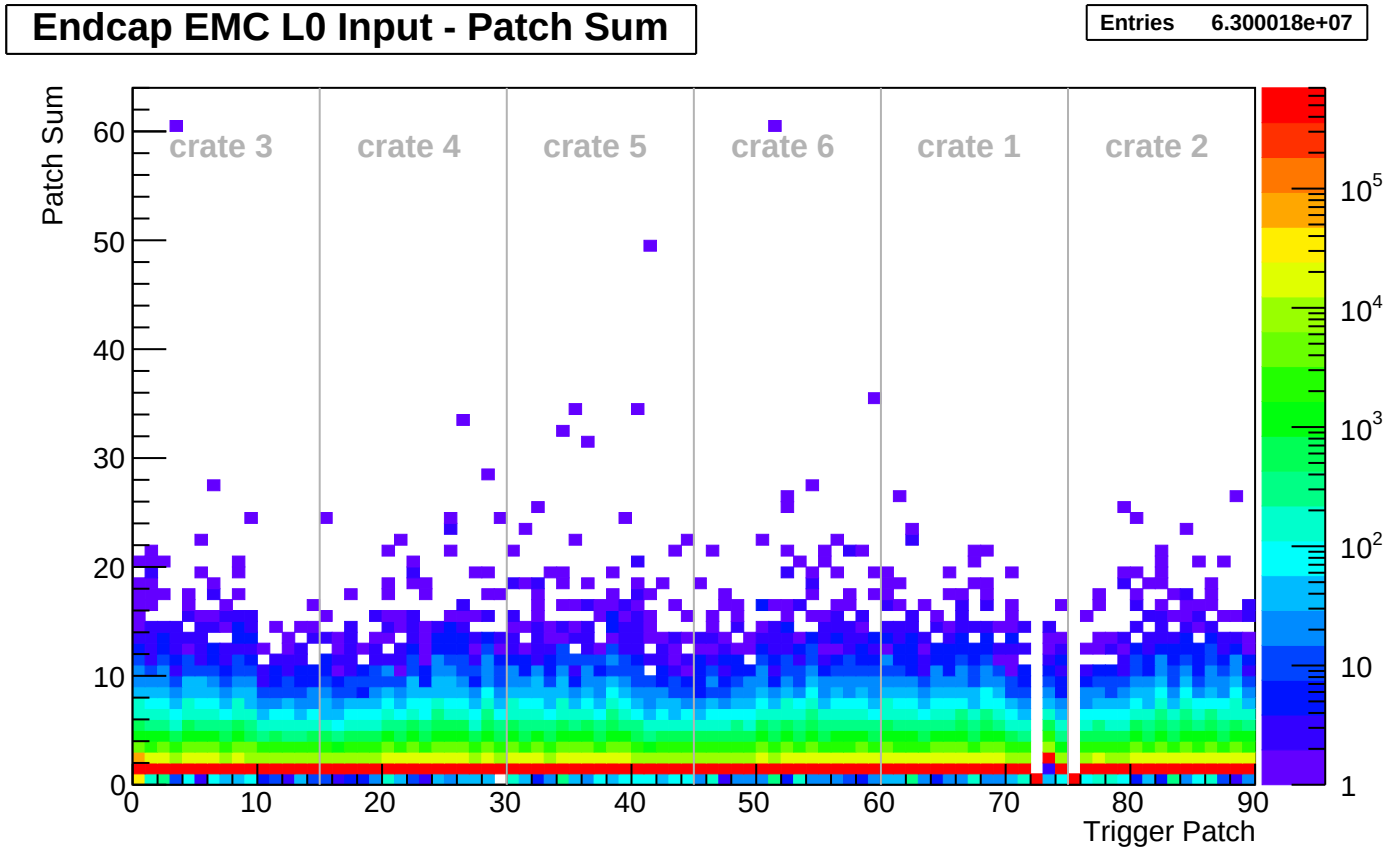
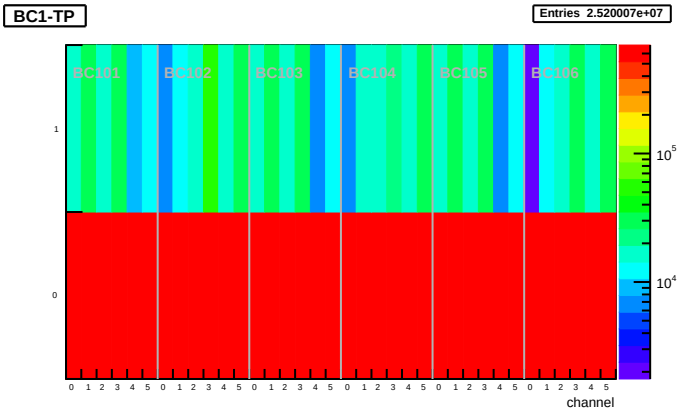
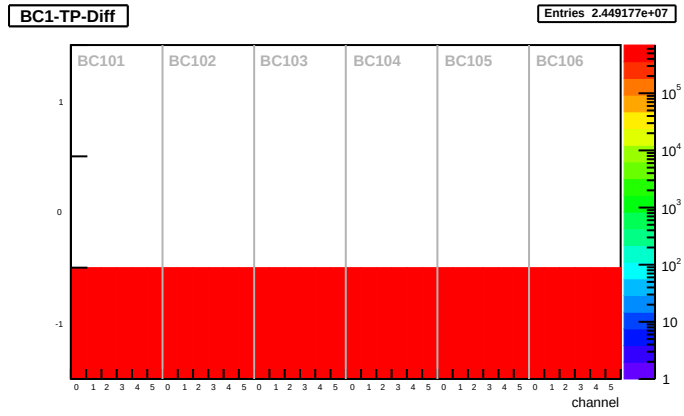

Barrel EMC L0 Input - High Tower
Entries 2.100006e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

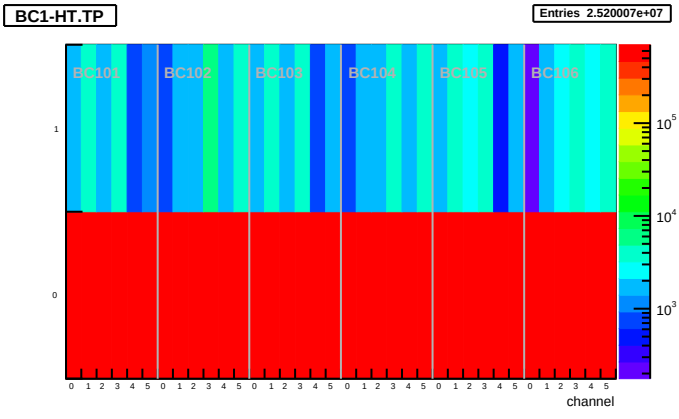

Barrel EMC L0 Input - Patch Sum
Entries 2.100006e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

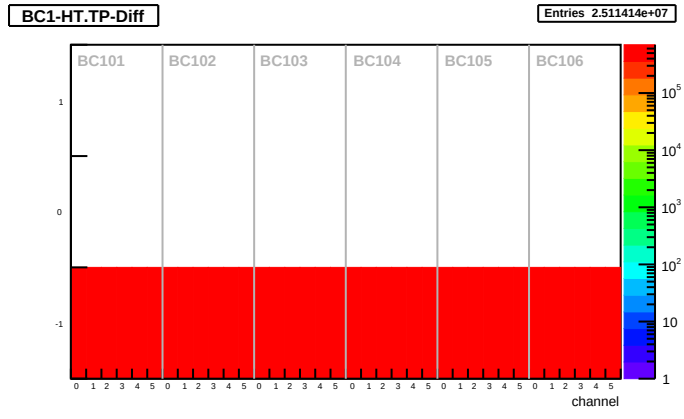

Endcap EMC L0 Input - High Tower
Entries 6.300018e+07
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

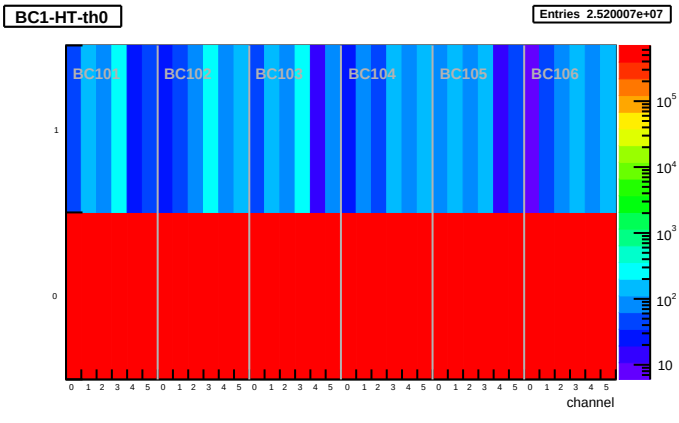

Endcap EMC L0 Input - Patch Sum
Entries 6.300018e+07
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

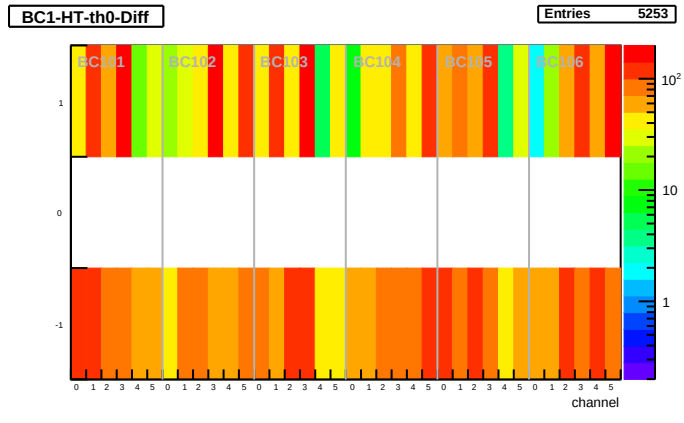

BC1-TP
Entries 2.520007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

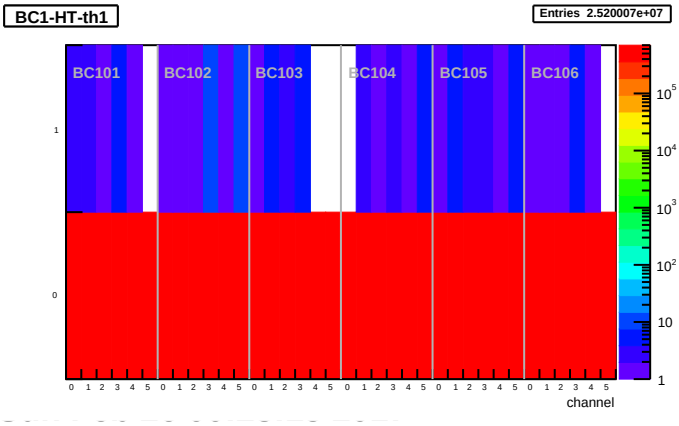

BC1-TP-Diff
Entries 2.449177e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

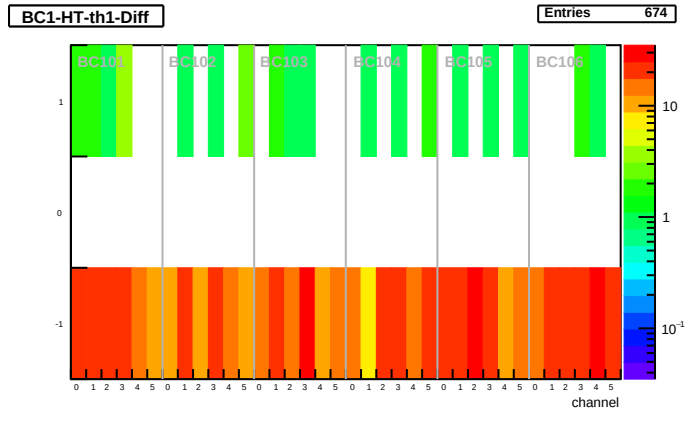

BC1-HT.TP
Entries 2.520007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

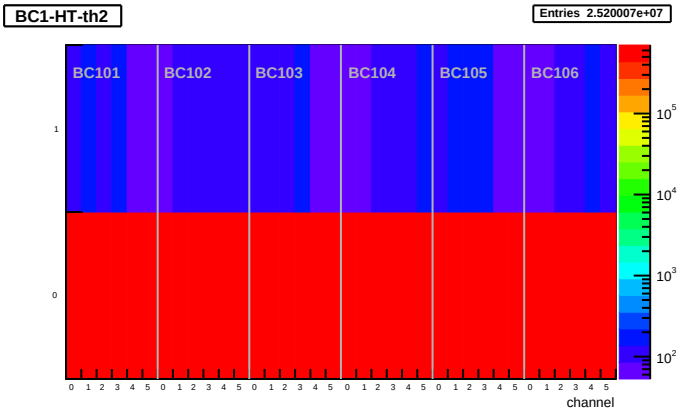

BC1-HT.TP-Diff
Entries 2.511414e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

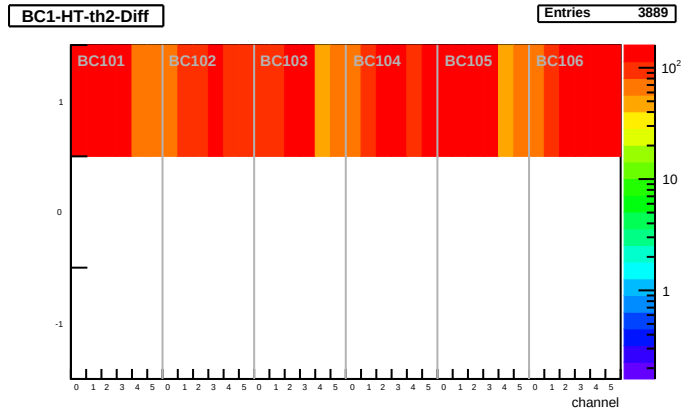

BC1-HT-th0
Entries 2.520007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

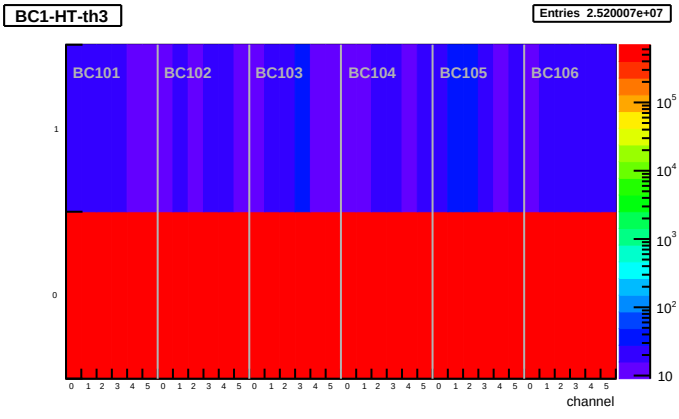

BC1-HT-th0-Diff
Entries 5253
BC101
BC102
BC103
BC104
BC105
BC106
channel

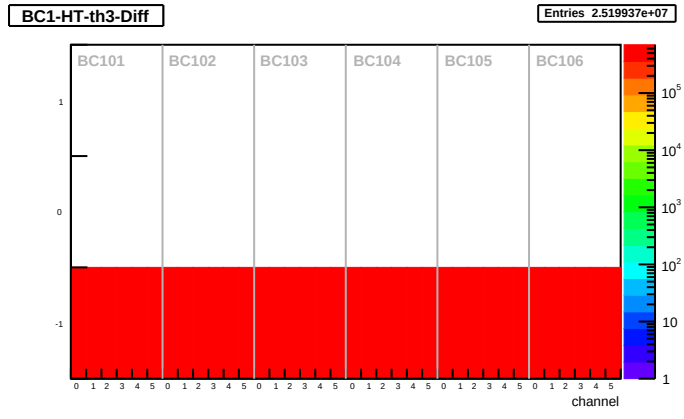

BC1-HT-th1
Entries 2.520007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

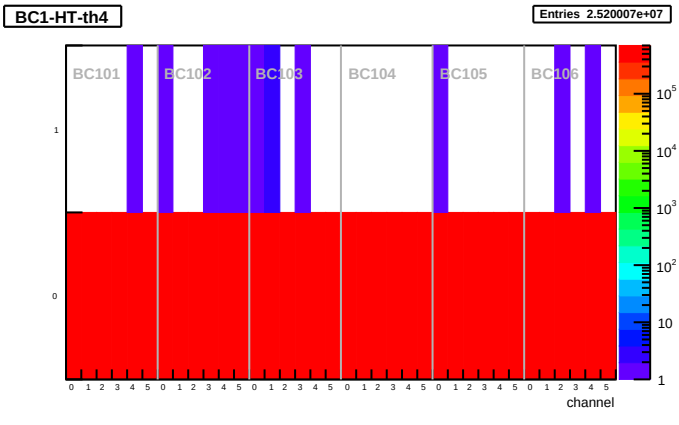

BC1-HT-th1-Diff
Entries 674
BC101
BC102
BC103
BC104
BC105
BC106
channel

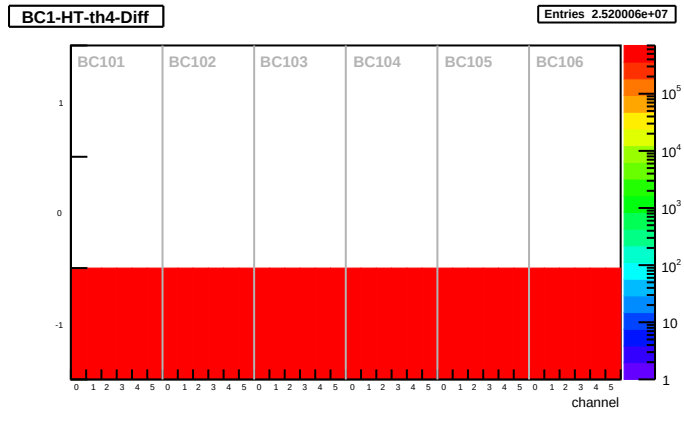

BC1-HT-th2
Entries 2.520007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

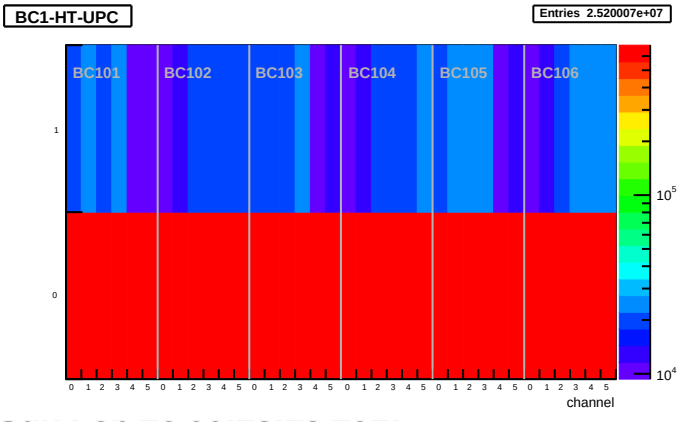

BC1-HT-th2-Diff
Entries 3889
BC101
BC102
BC103
BC104
BC105
BC106
channel

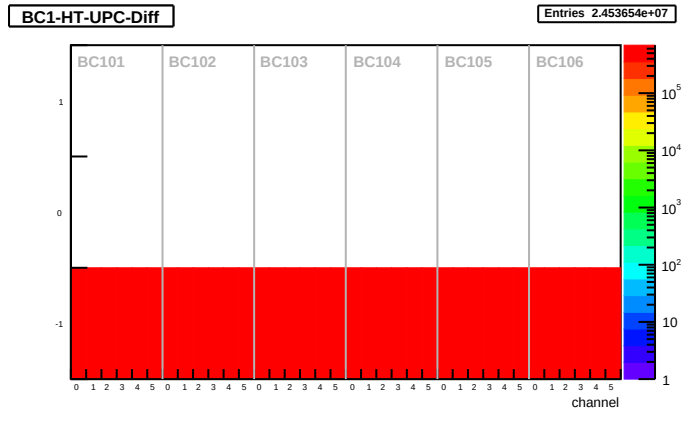

BC1-HT-th3
Entries 2.520007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

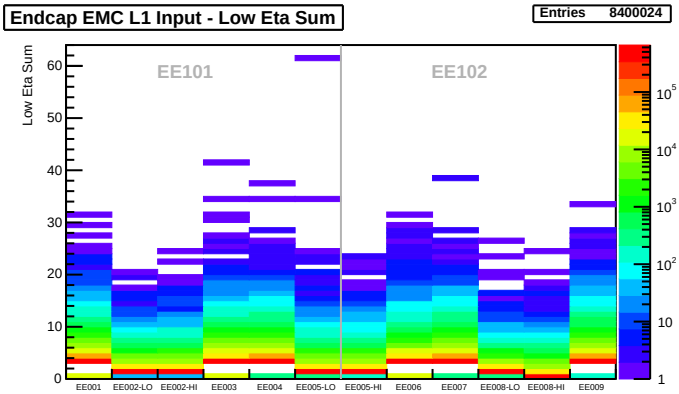

BC1-HT-th3-Diff
Entries 2.519937e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

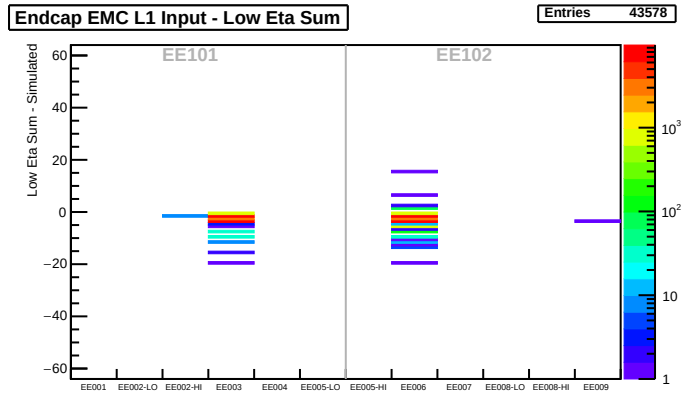

BC1-HT-th4
Entries 2.520007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

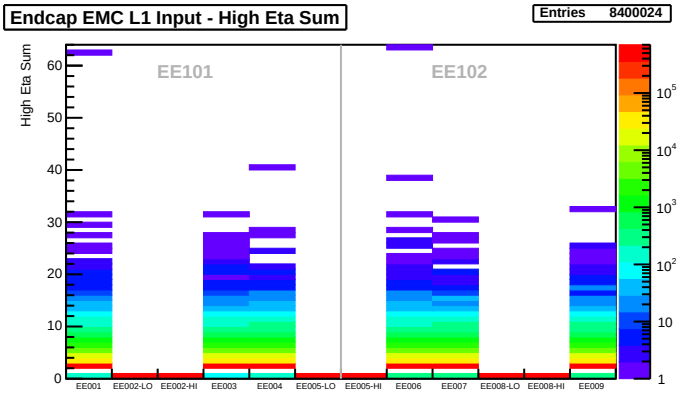

BC1-HT-th4-Diff
Entries 2.520006e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

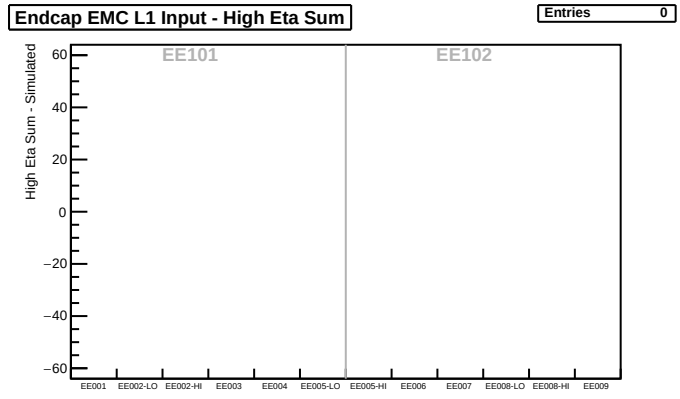

BC1-HT-UPC
Entries 2.520007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

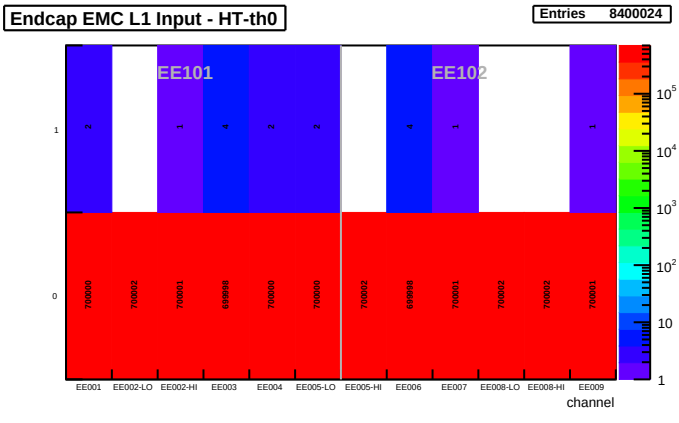

BC1-HT-UPC-Diff
Entries 2.453654e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

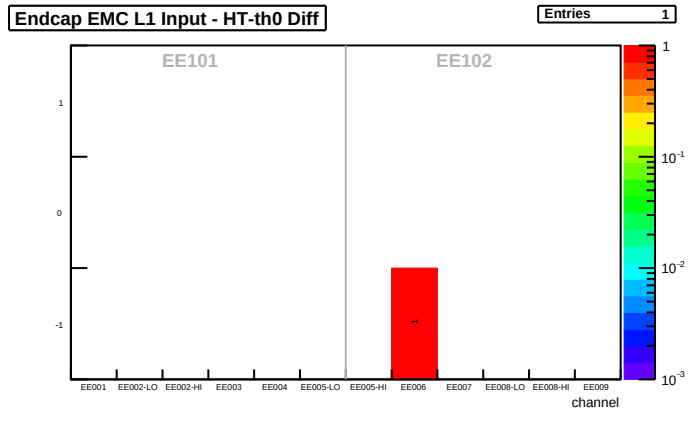

Endcap EMC L1 Input - Low Eta Sum
Entries 8400024
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

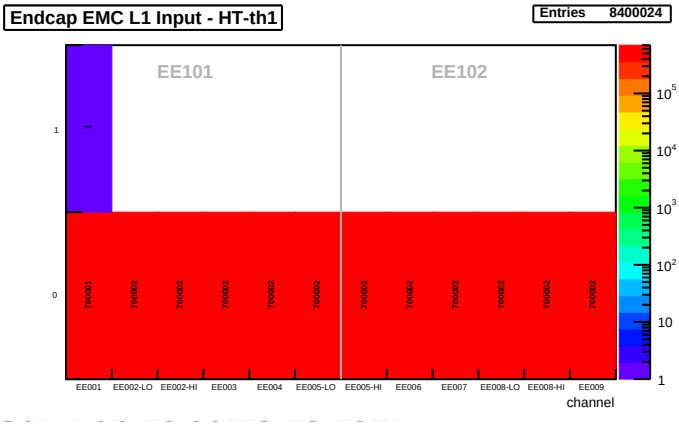

Endcap EMC L1 Input - Low Eta Sum
Entries 43578
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

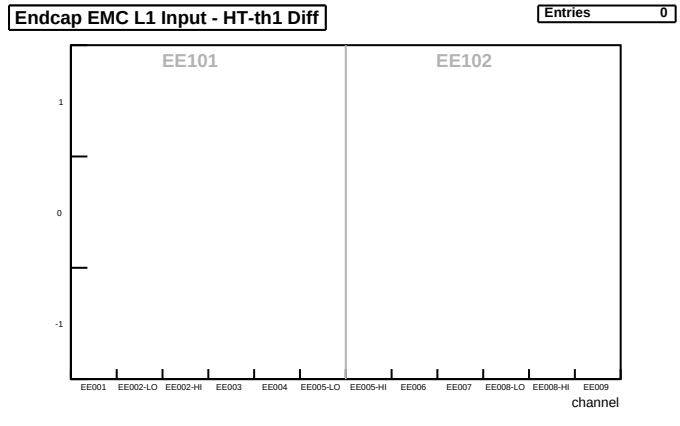

Endcap EMC L1 Input - High Eta Sum
Entries 8400024
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

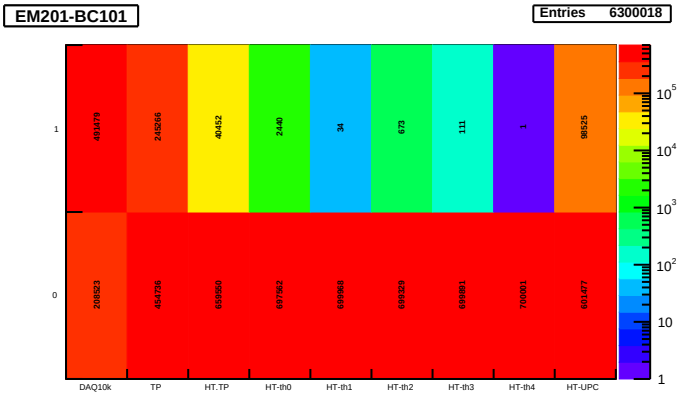

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

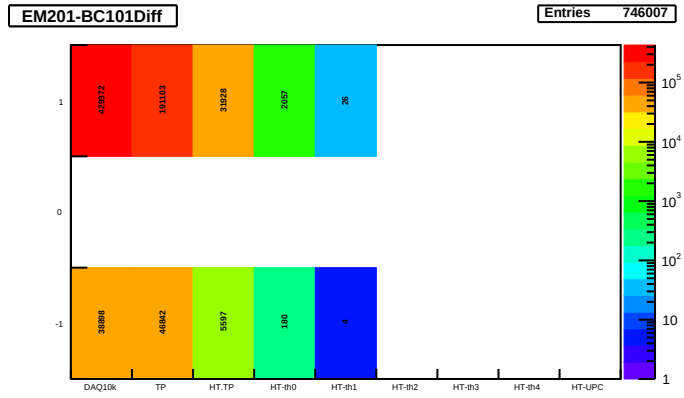

Endcap EMC L1 Input - HT-th0
Entries 8400024
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

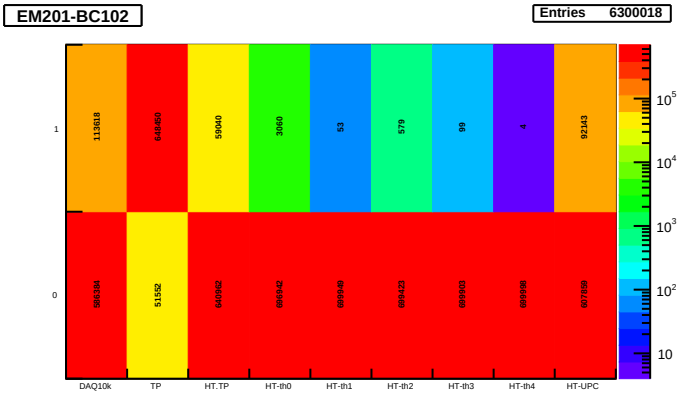

Endcap EMC L1 Input - HT-th0 Diff
Entries 1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

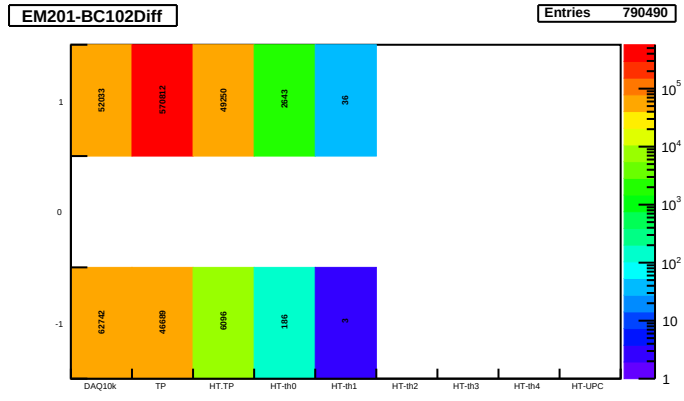

Endcap EMC L1 Input - HT-th1
Entries 8400024
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

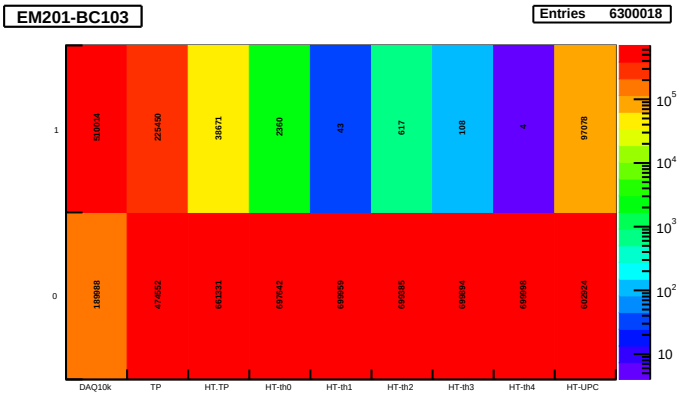

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

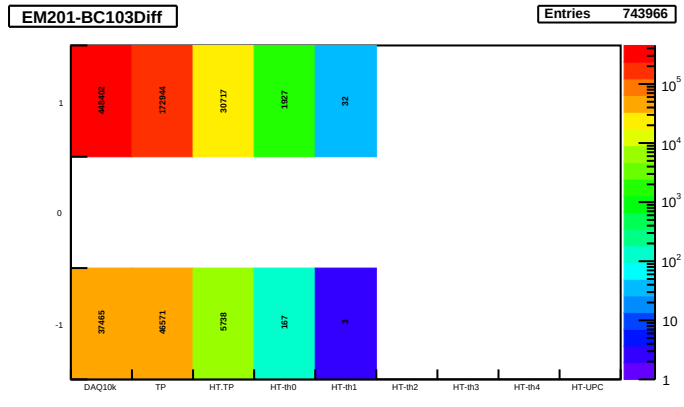

EM201-BC101
Entries 6300018
1
0
491479
245566
40452
2440
34
673
111
1
98525
208523
454736
659350
697562
699968
699329
699891
700001
601477
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

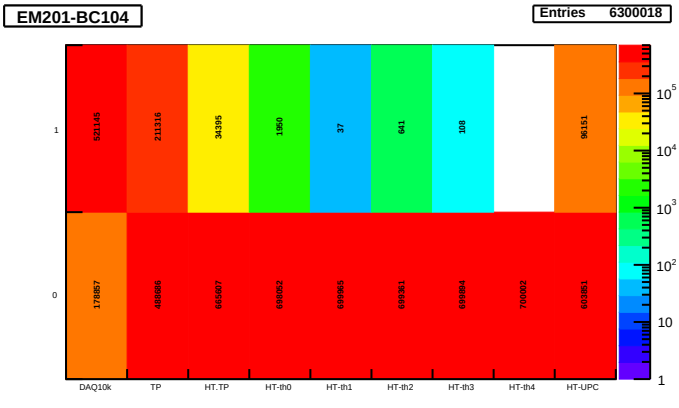

EM201-BC101Diff
Entries 746007
1
0
-1
425572
191103
31928
2057
26
38898
46842
5597
180
4
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

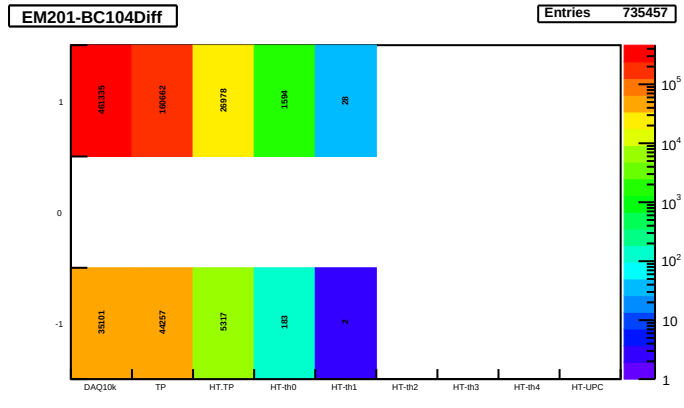

EM201-BC102
Entries 6300018
1
0
113618
648450
59040
3060
53
579
99
4
92143
586384
51552
640962
698942
699940
699423
699903
699998
607889
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10


EM201-BC102Diff
Entries 790490
1
0
-1
52033
570812
49250
2643
36
62742
46689
6096
186
3
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

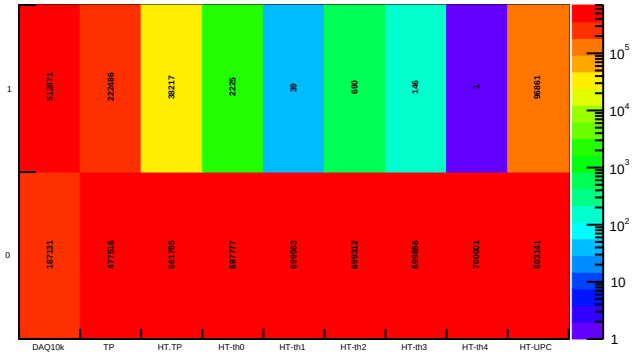

EM201-BC103
Entries 6300018
1
0
510014
225450
38671
2560
43
617
108
4
97078
189988
474552
661331
697642
699959
699385
699894
699998
602924
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10


EM201-BC103Diff
Entries 743966
1
0
-1
448402
172944
30717
1927
32
37465
46571
5738
167
3
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

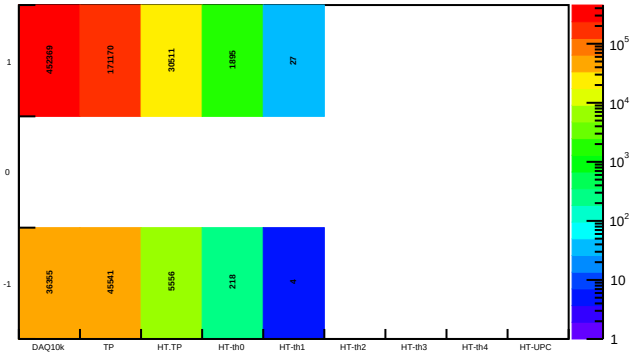

EM201-BC104
Entries 6300018
1
0
521145
211316
34395
1350
37
641
108
96151
178867
488866
665607
698652
699965
699351
699894
700002
603851
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC104Diff
Entries 735457
1
0
-1
461335
160662
26978
1594
28
33101
44257
5337
183
2
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

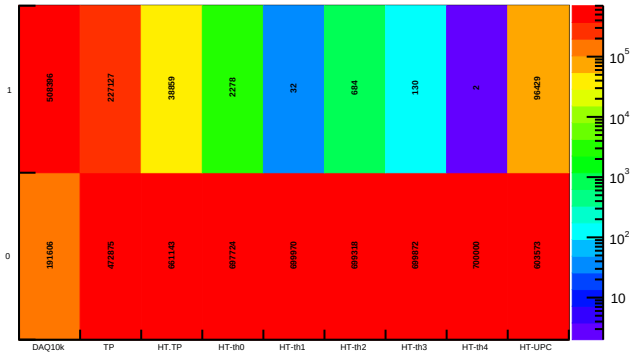
EM201-BC105 Entries 6300018



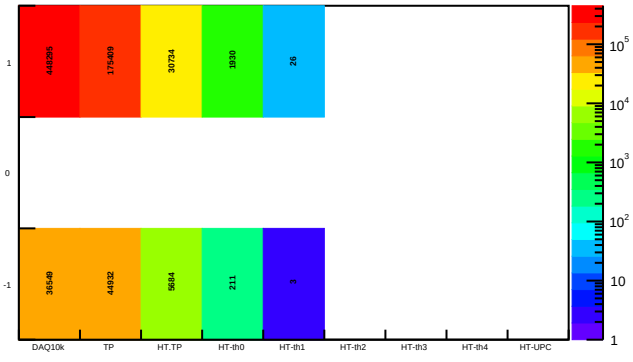
EM201-BC105Diff Entries 743646



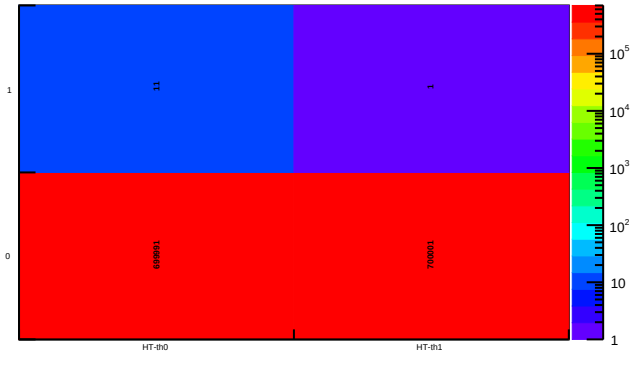
EM201-BC106 Entries 6300018



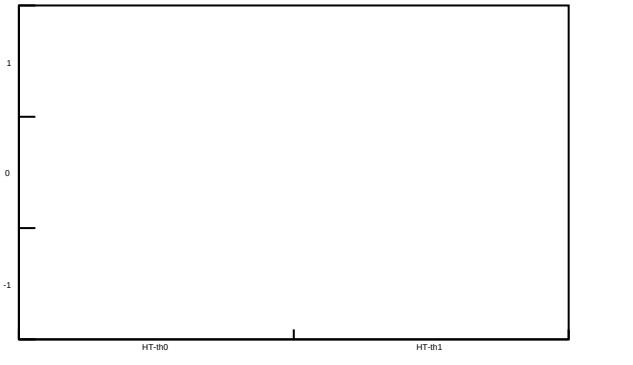
EM201-BC106Diff Entries 743773



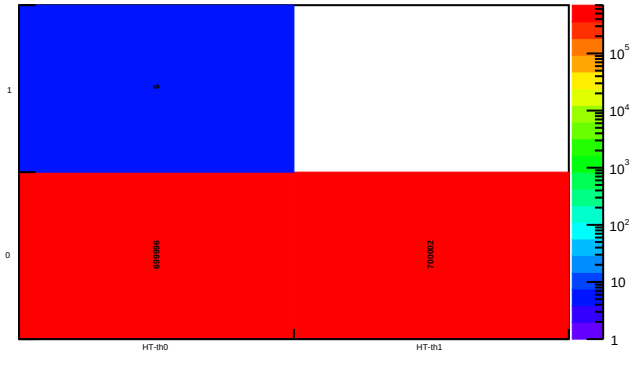
EM201-EE101 Entries 1400004



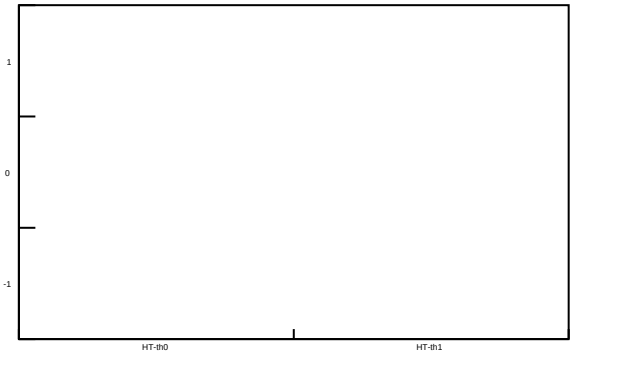
EM201-EE101Diff Entries 0

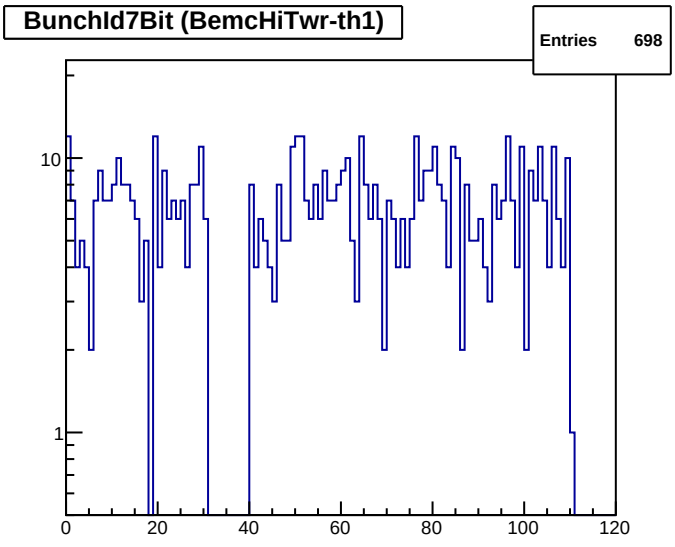


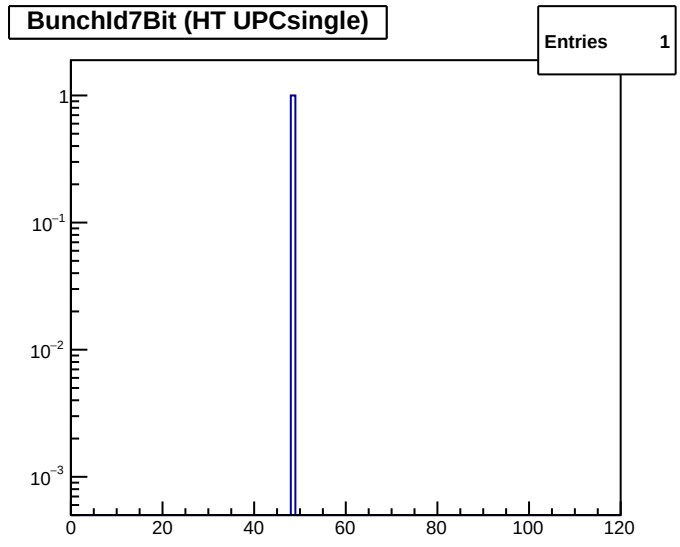
EM201-EE102 Entries 1400004

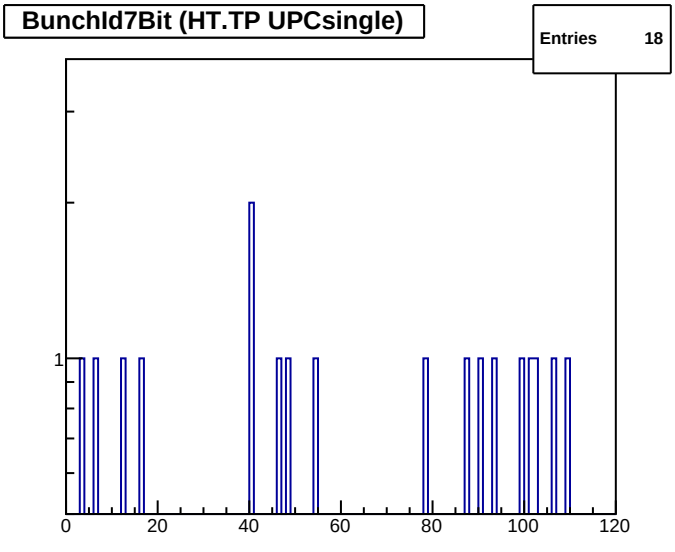


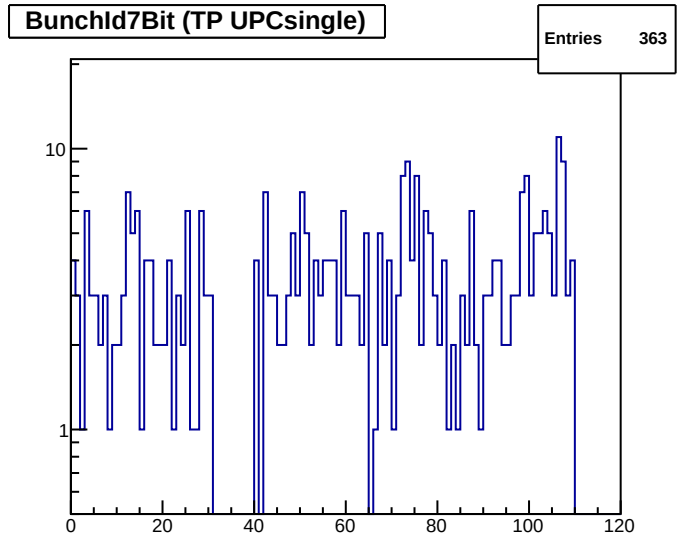
EM201-EE102Diff Entries 0

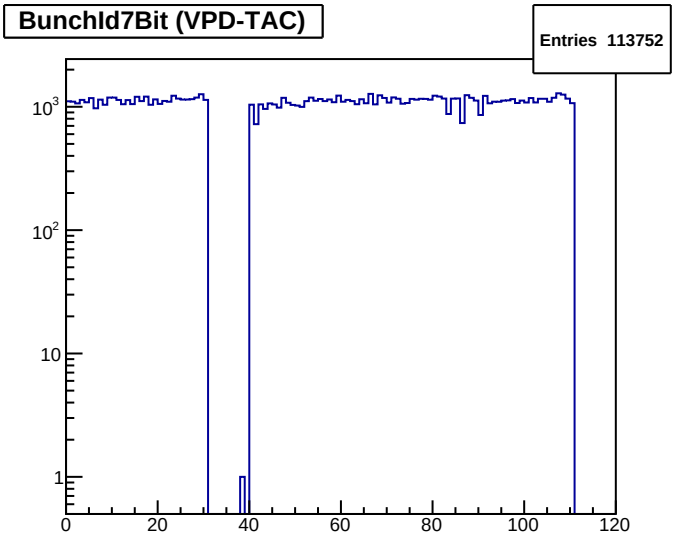


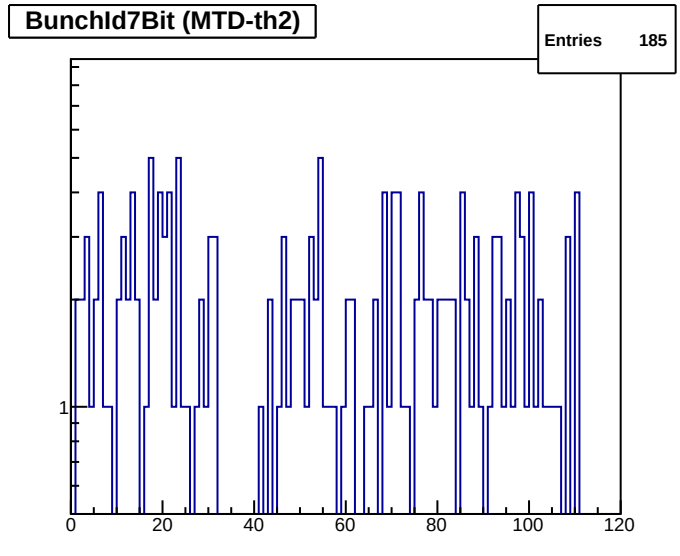

BunchId7Bit (BemcHiTwr-th1)
Entries 698
10
1
0
20
40
60
80
100
120

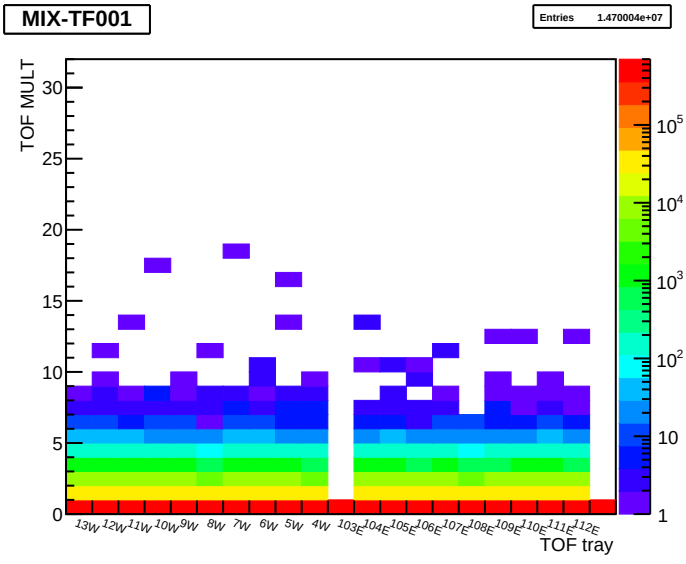

BunchId7Bit (HT UPCsingle)
Entries 1
1
10^{-1}
10^{-2}
10^{-3}
0
20
40
60
80
100
120

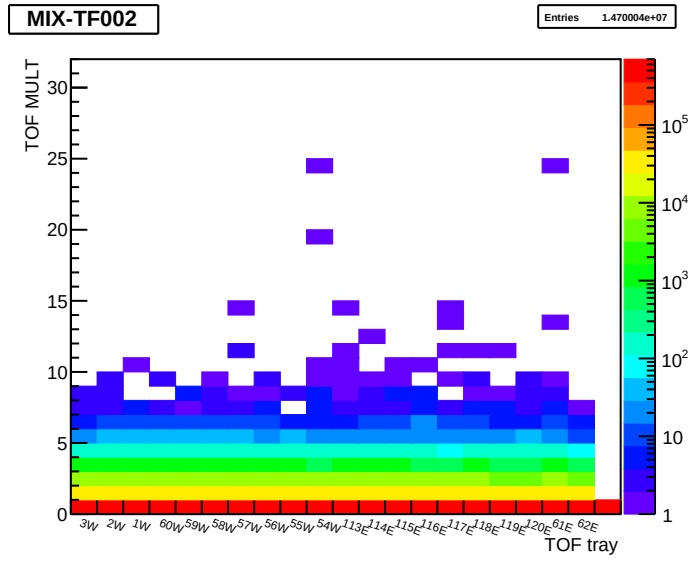

BunchId7Bit (HT.TP UPCsingle)
Entries 18
1
0
20
40
60
80
100
120

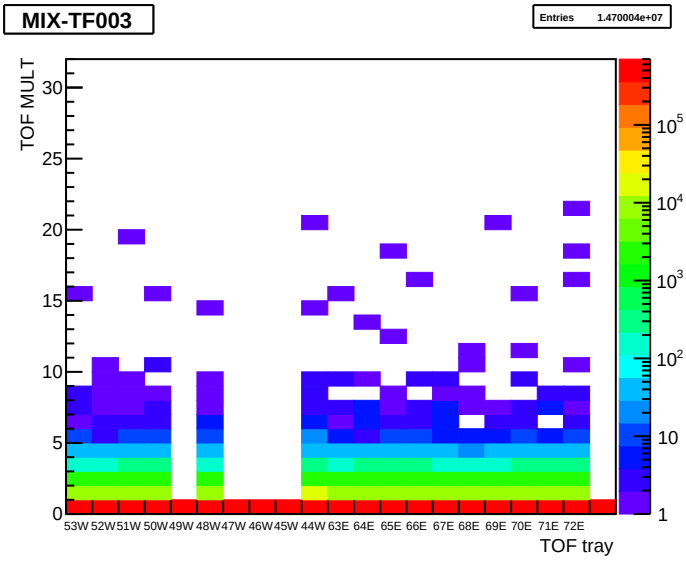

BunchId7Bit (TP UPCsingle)
Entries 363
10
1
0
20
40
60
80
100
120

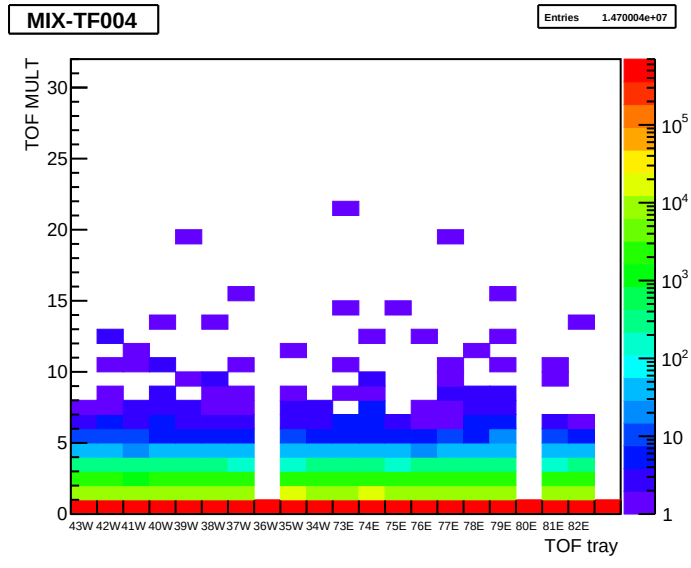

BunchId7Bit (VPD-TAC)
Entries 113752
10^3
10^2
10
1
0
20
40
60
80
100
120

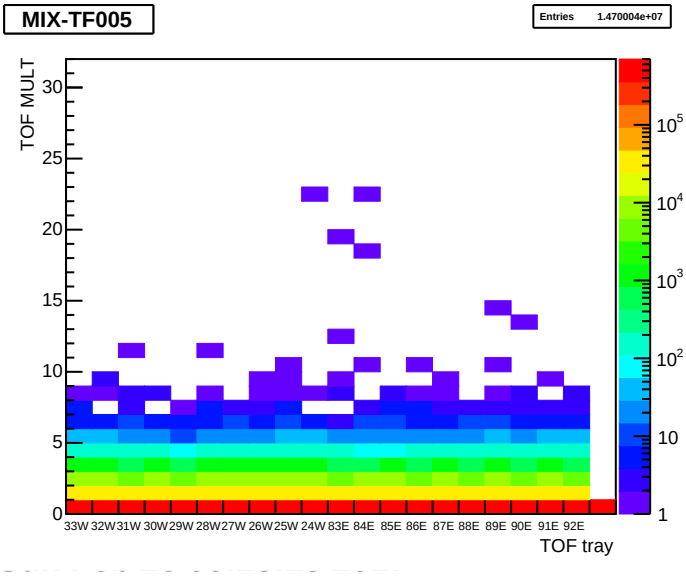

BunchId7Bit (MTD-th2)
Entries 185
1
0
20
40
60
80
100
120

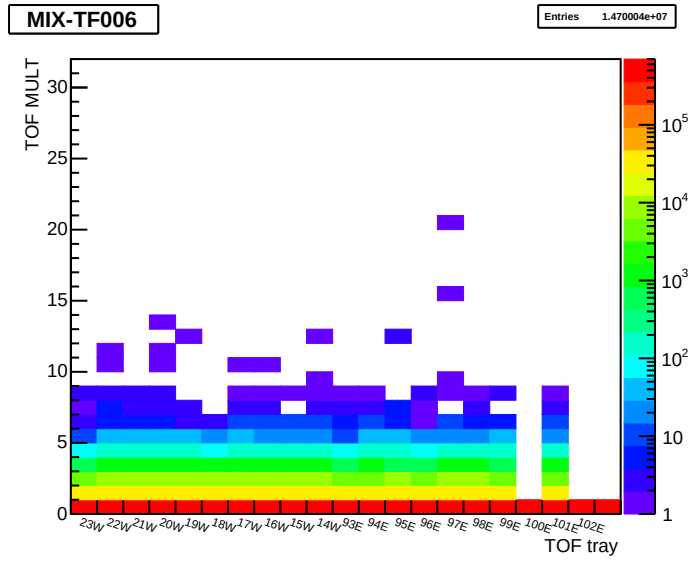

MIX-TF001
Entries 1.470004e+07
TOF MULT
TOF tray

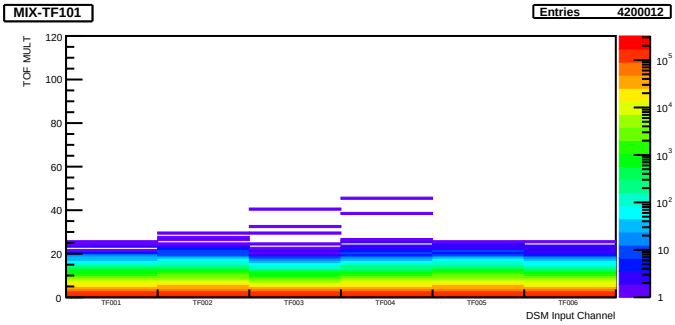

MIX-TF002
Entries 1.470004e+07
TOF MULT
TOF tray

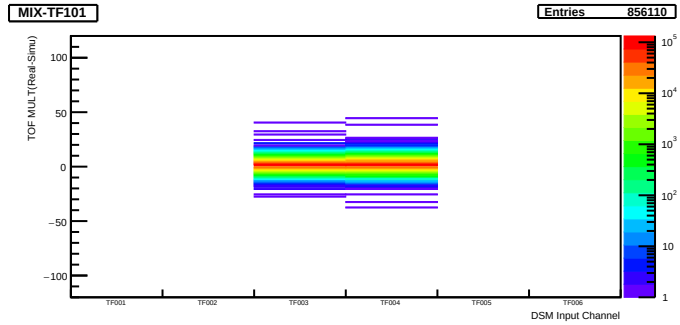

MIX-TF003
Entries 1.470004e+07
TOF MULT
TOF tray

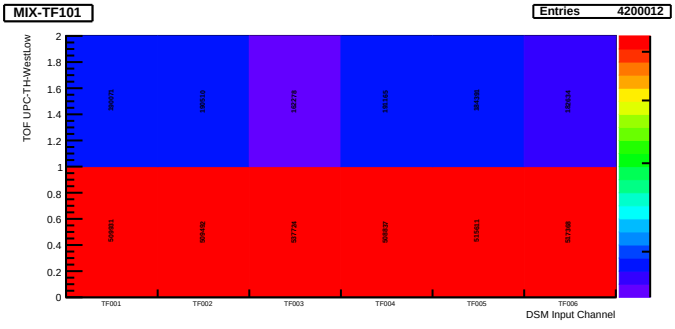

MIX-TF004
Entries 1.470004e+07
TOF MULT
TOF tray

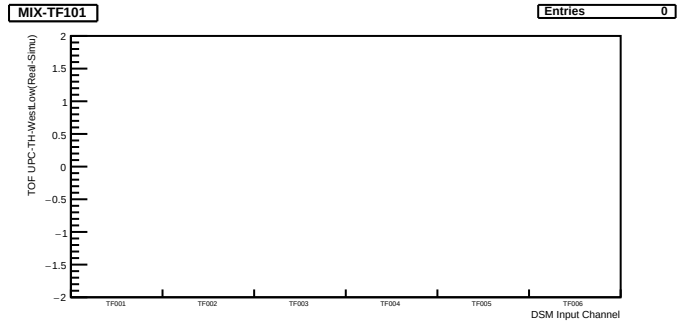

MIX-TF005
Entries 1.470004e+07
TOF MULT
TOF tray

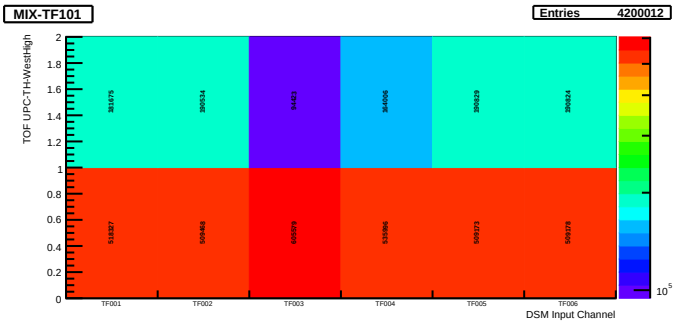

MIX-TF006
Entries 1.470004e+07
TOF MULT
TOF tray

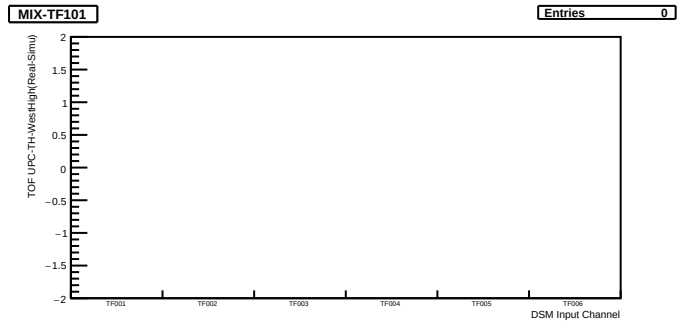

MIX-TF101
Entries 4200012
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

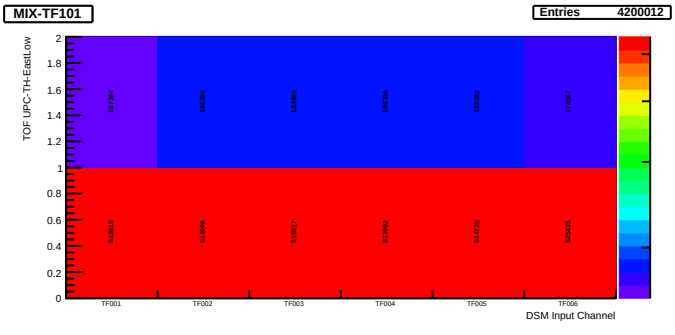

MIX-TF101
Entries 856110
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

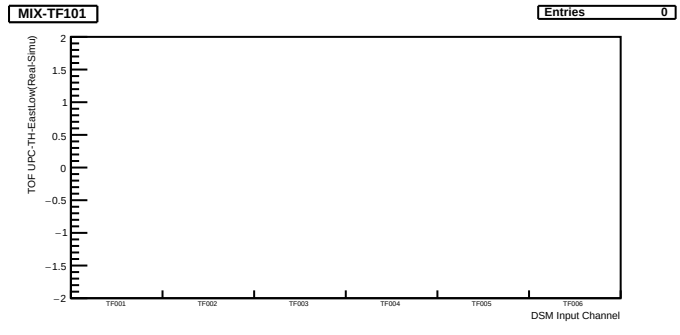

MIX-TF101
Entries 4200012
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

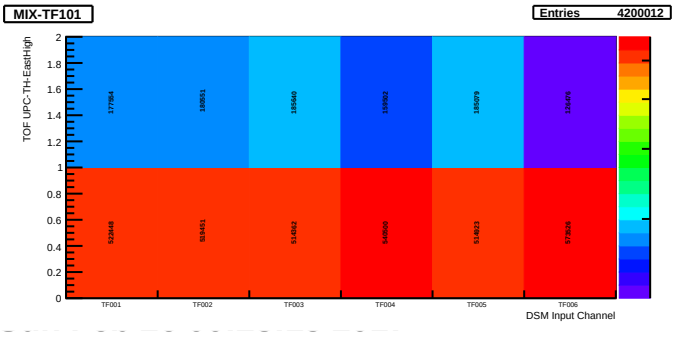

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

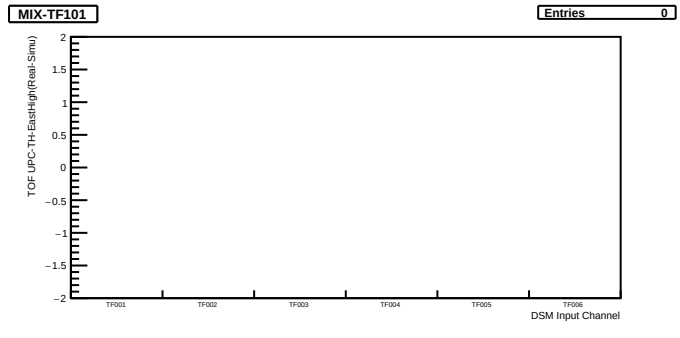

MIX-TF101
Entries 4200012
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

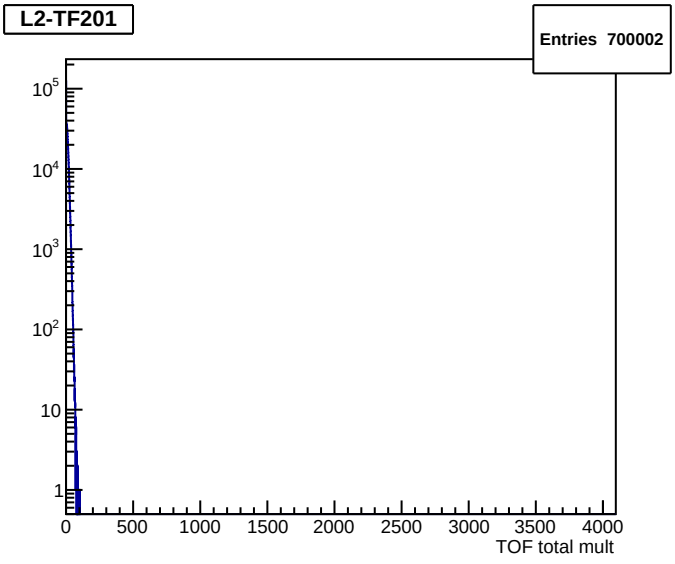

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

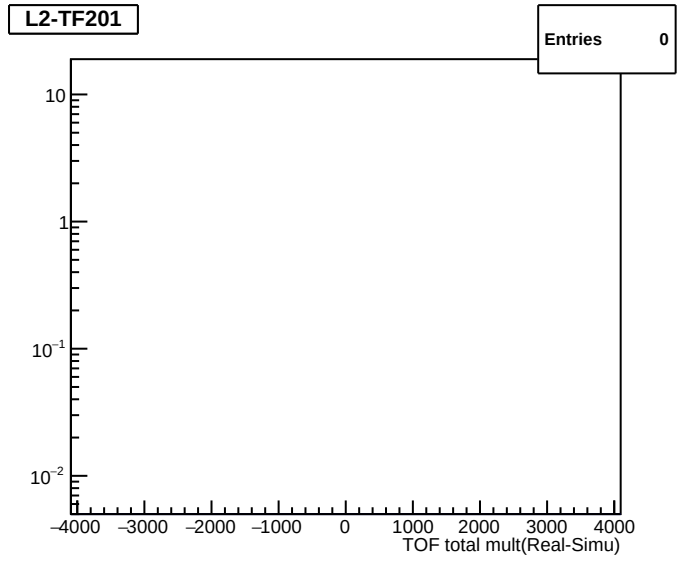

MIX-TF101
Entries 4200012
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

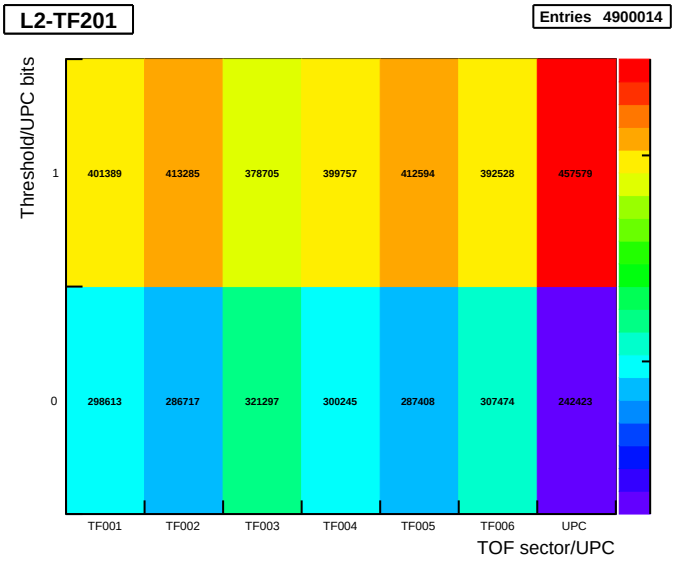

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

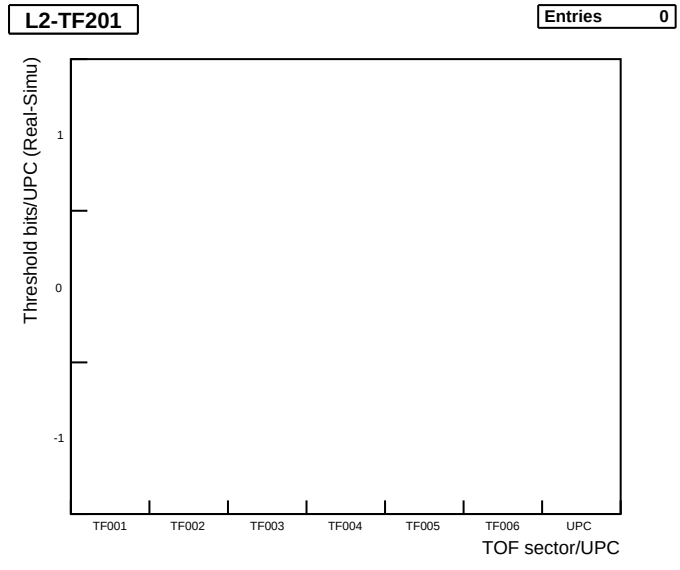

MIX-TF101
Entries 4200012
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

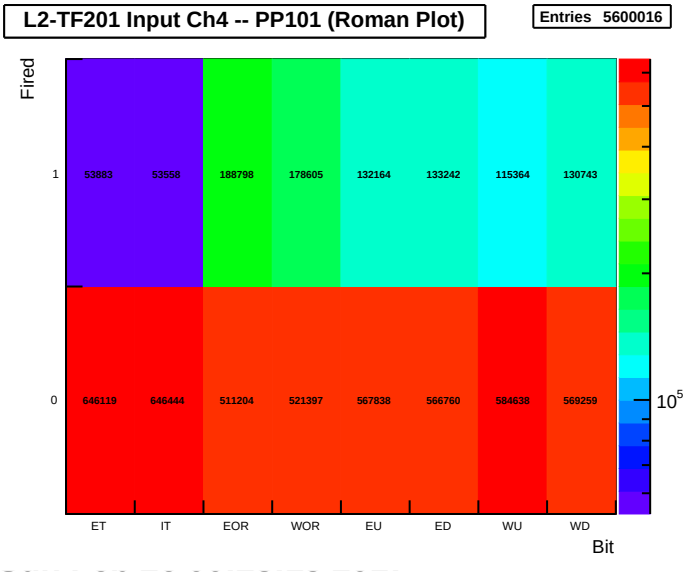

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

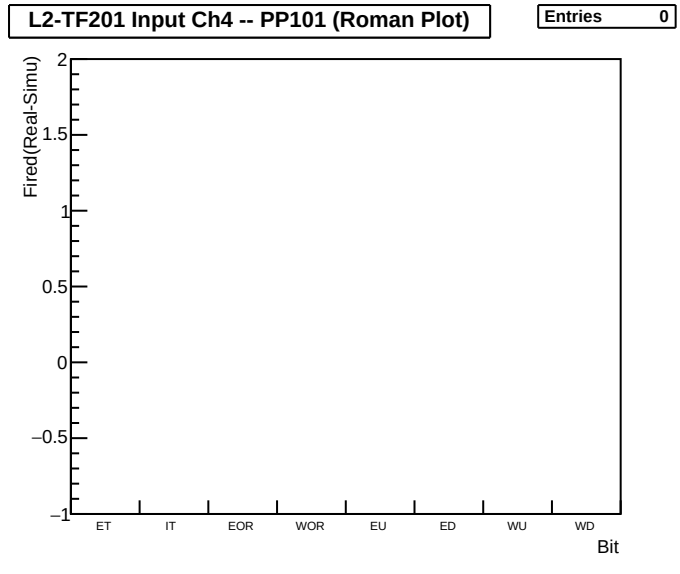

L2-TF201
Entries 700002
TOF total mult

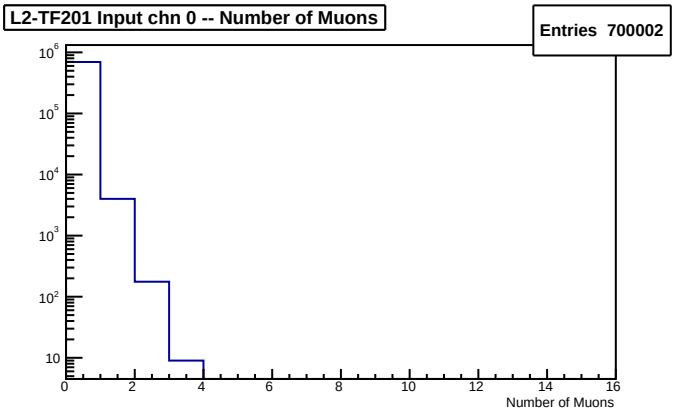

L2-TF201
Entries 0
TOF total mult(Real-Simu)

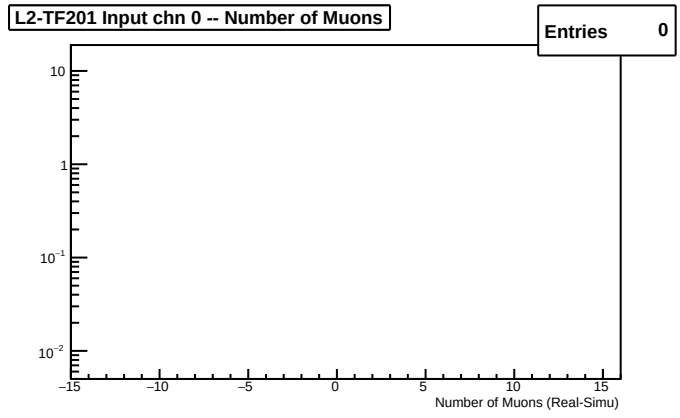

L2-TF201
Entries 4900014
Threshold/UPC bits
401389
413285
378705
399757
412594
392528
457579
298613
286717
321297
300245
287408
307474
242423
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

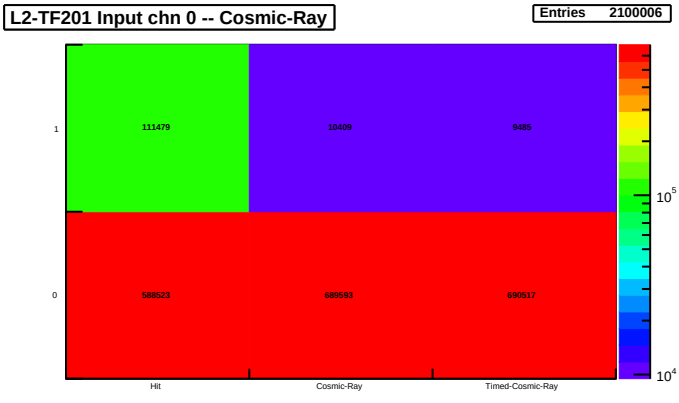

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

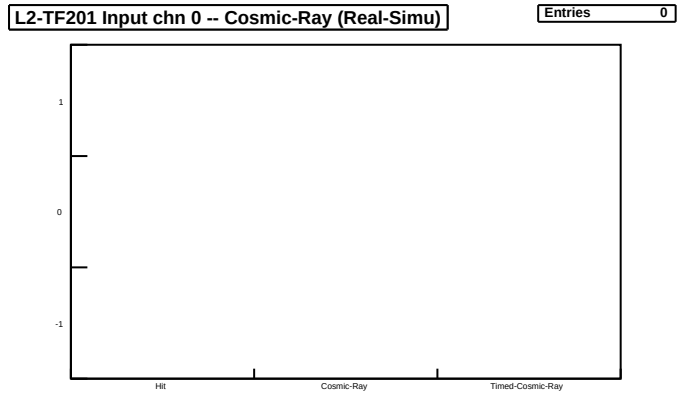

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5600016
Fired
53883
53558
188798
178605
132164
133242
115364
130743
646119
646444
511204
521397
567838
566760
584638
569259
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

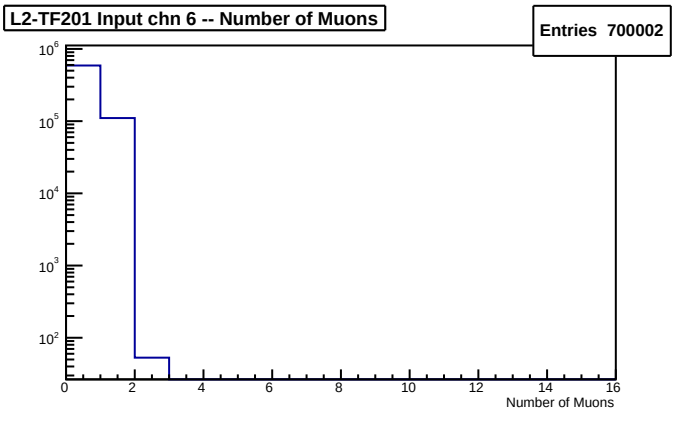

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

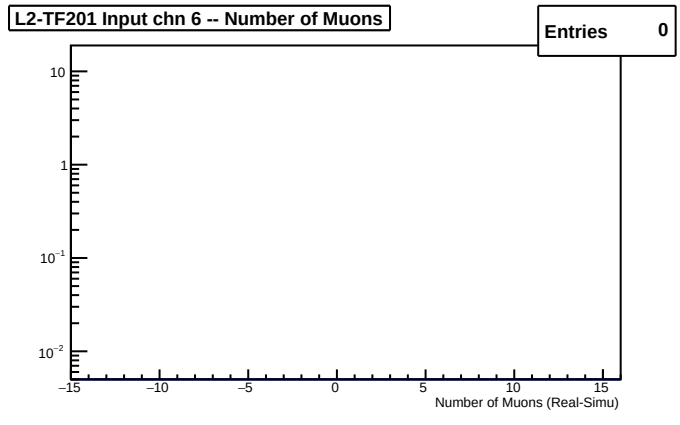

L2-TF201 Input chn 0 -- Number of Muons
Entries 700002
Number of Muons

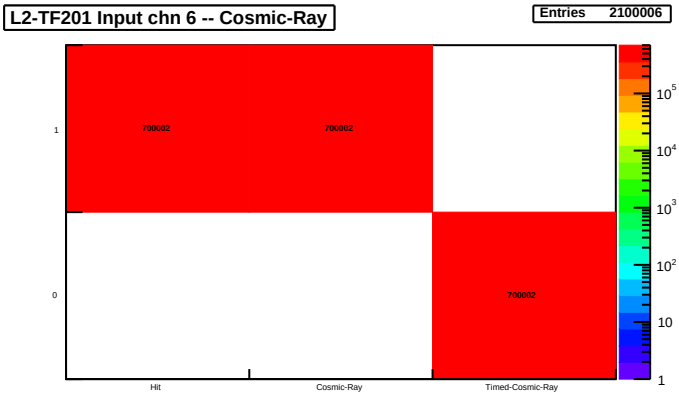

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

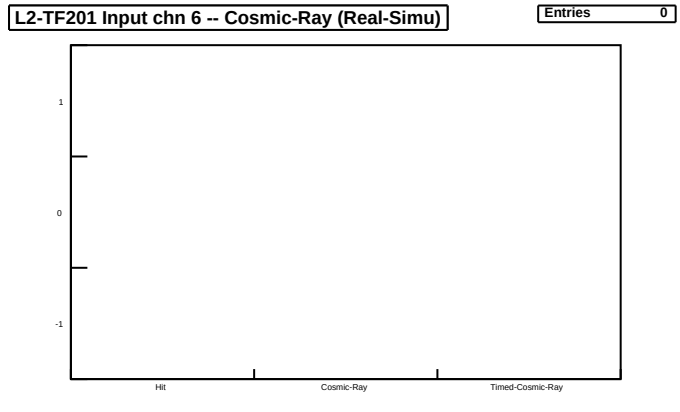

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2100006
111479
10409
9485
588523
689593
690517
Hit
Cosmic-Ray
Timed-Cosmic-Ray

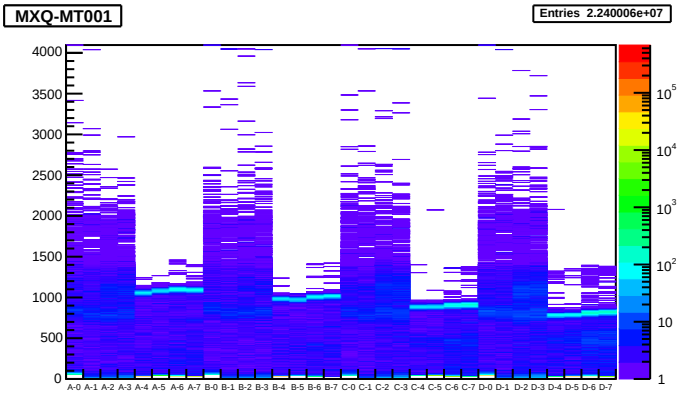

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

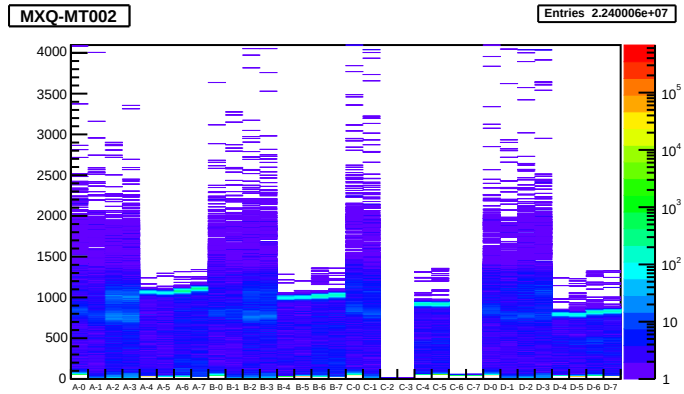

L2-TF201 Input chn 6 -- Number of Muons
Entries 700002
Number of Muons

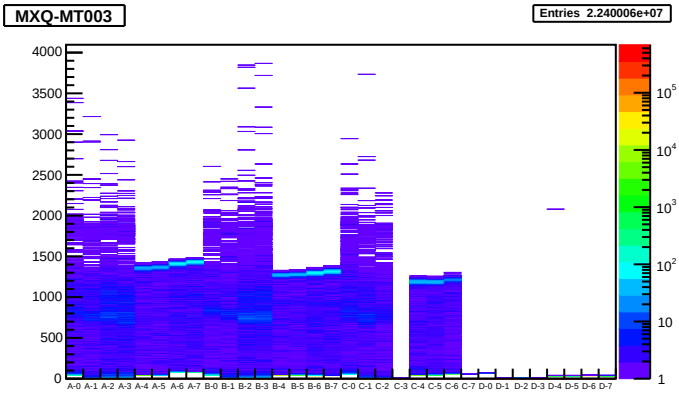

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

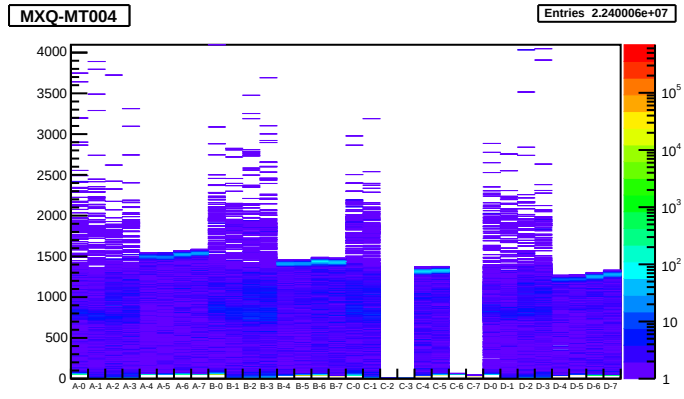

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 2100006
700002
700002
700002
Hit
Cosmic-Ray
Timed-Cosmic-Ray

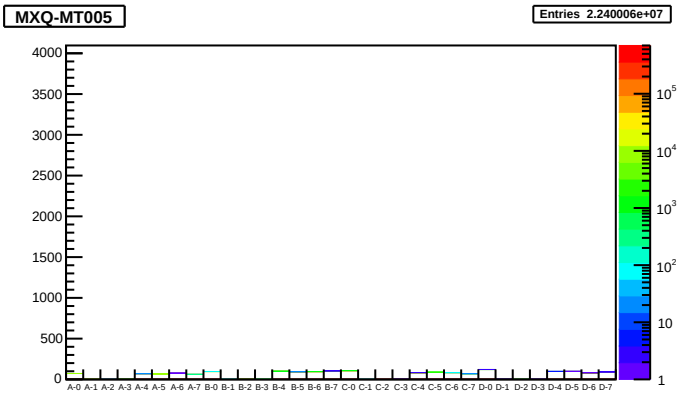

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

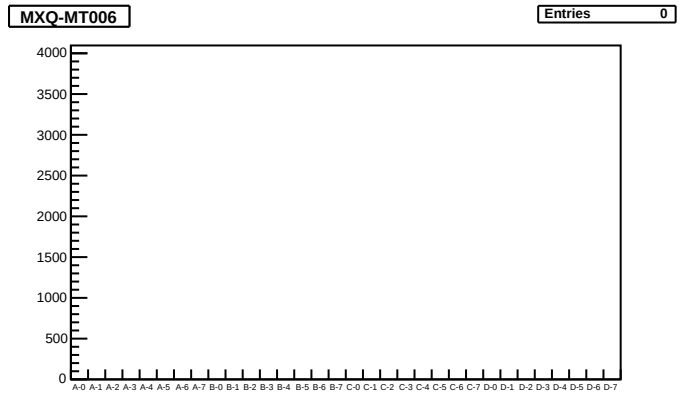

MXQ-MT001
Entries 2.240006e+07

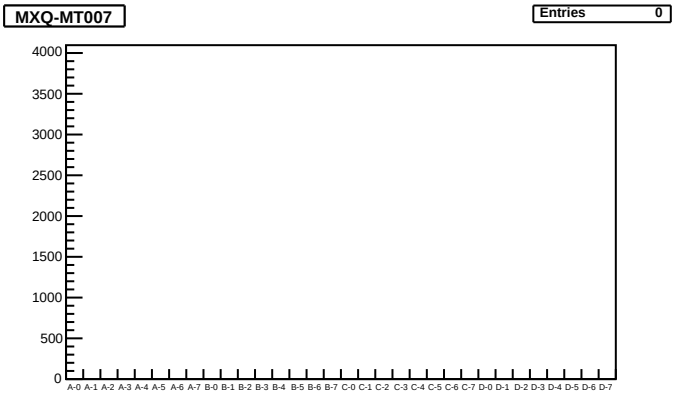

MXQ-MT002
Entries 2.240006e+07

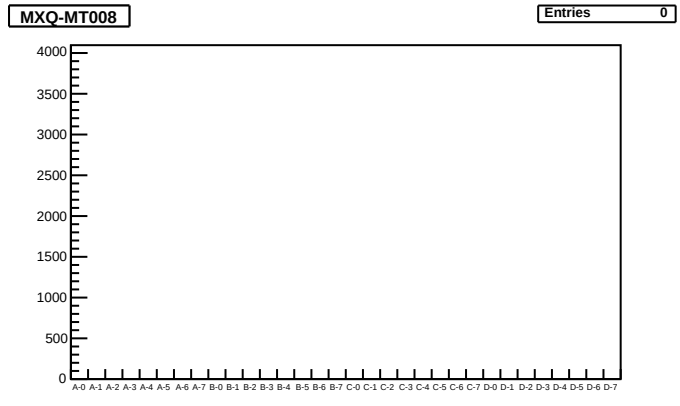

MXQ-MT003
Entries 2.240006e+07

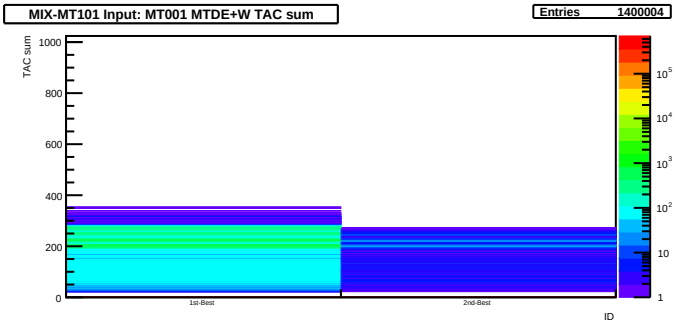

MXQ-MT004
Entries 2.240006e+07

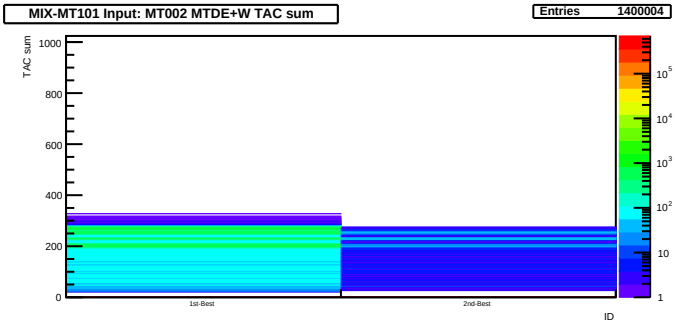

MXQ-MT005
Entries 2.240006e+07

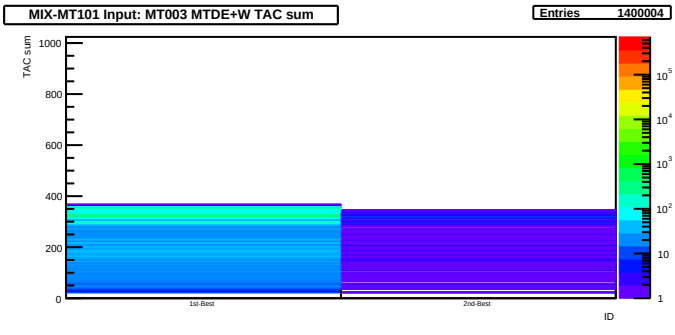

MXQ-MT006
Entries 0

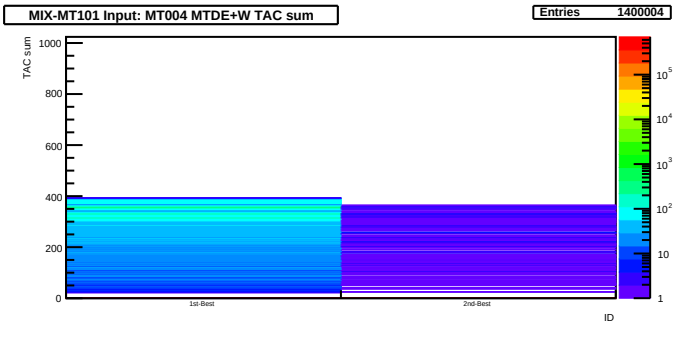

MXQ-MT007
Entries 0

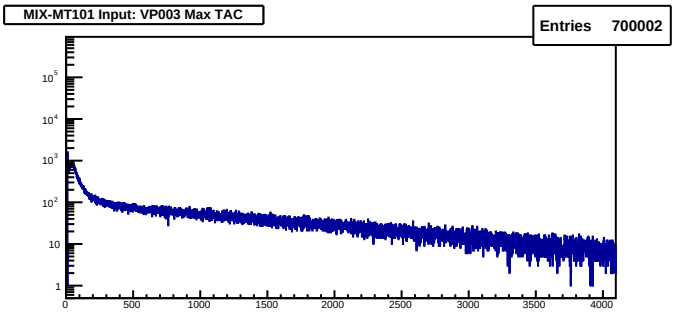

MXQ-MT008
Entries 0

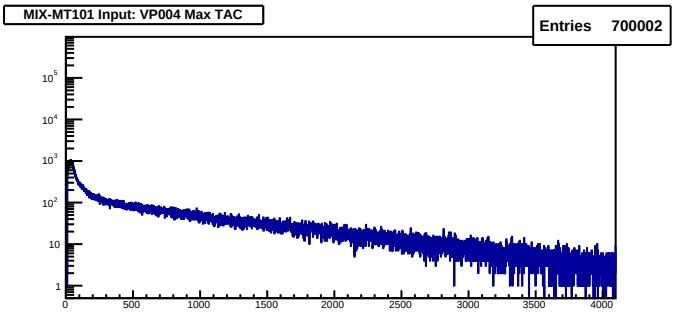

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1400004
TAC sum
1st-Best
2nd-Best
ID

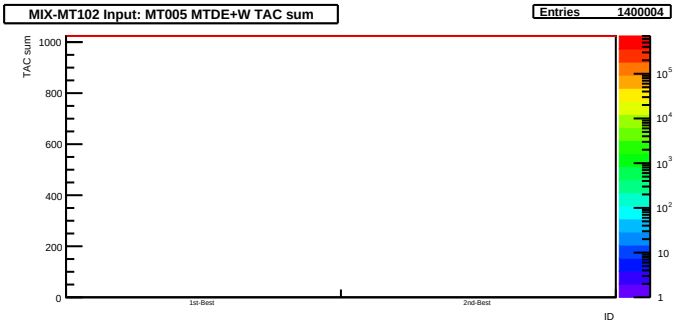

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1400004
TAC sum
1st-Best
2nd-Best
ID

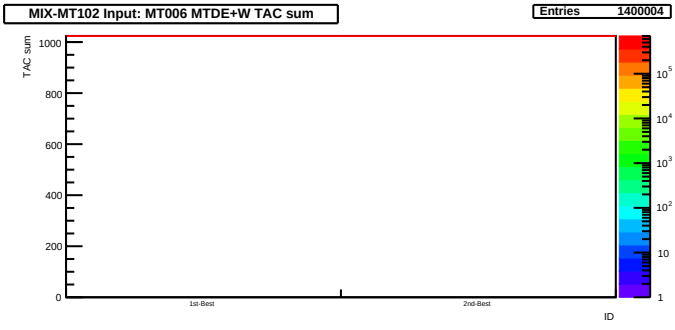

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1400004
TAC sum
1st-Best
2nd-Best
ID

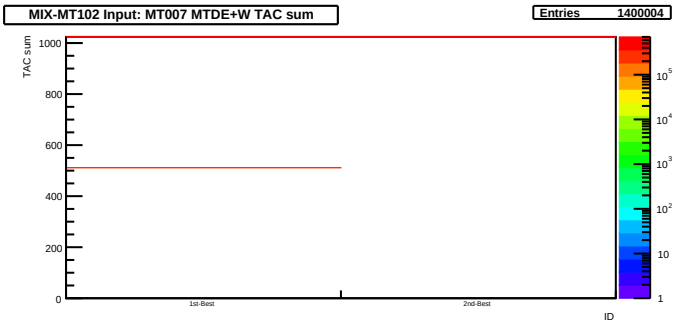

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1400004
TAC sum
1st-Best
2nd-Best
ID

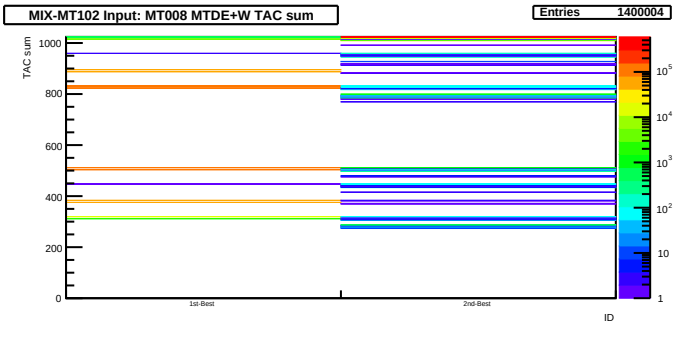

MIX-MT101 Input: VP003 Max TAC
Entries 700002

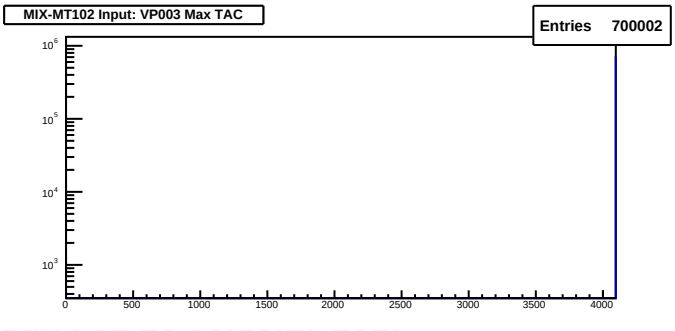

MIX-MT101 Input: VP004 Max TAC
Entries 700002

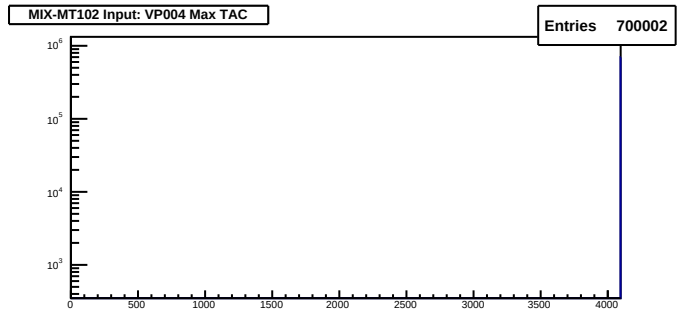

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1400004
TAC sum
1st-Best
2nd-Best
ID

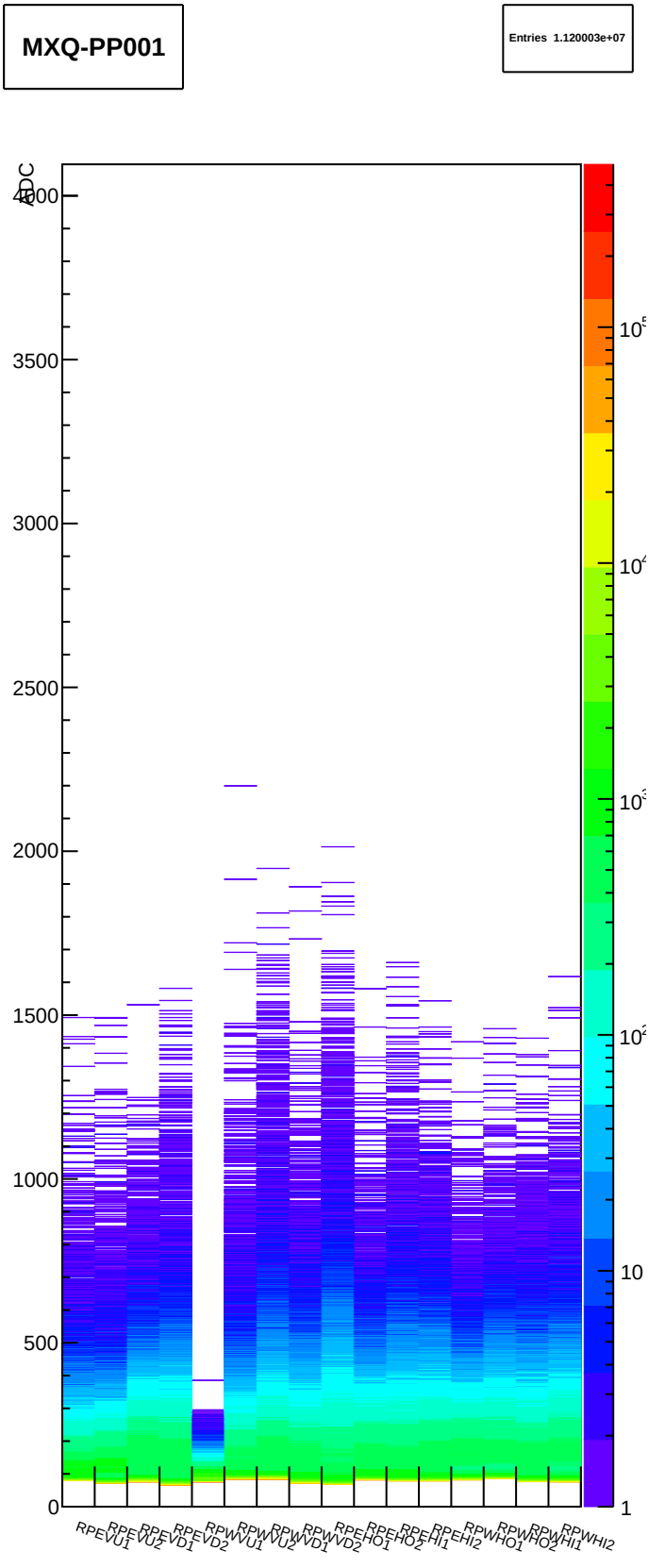

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1400004
TAC sum
1st-Best
2nd-Best
ID

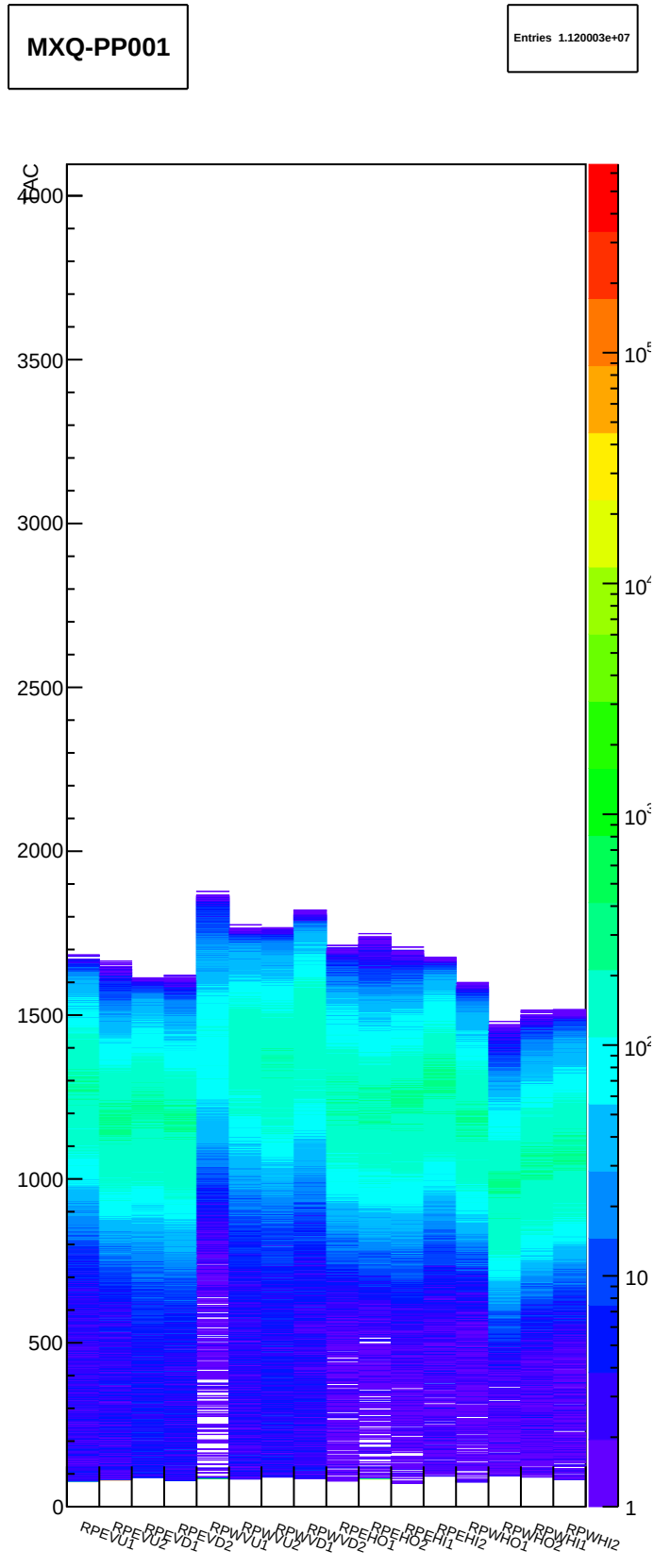

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1400004
TAC sum
1st-Best
2nd-Best
ID

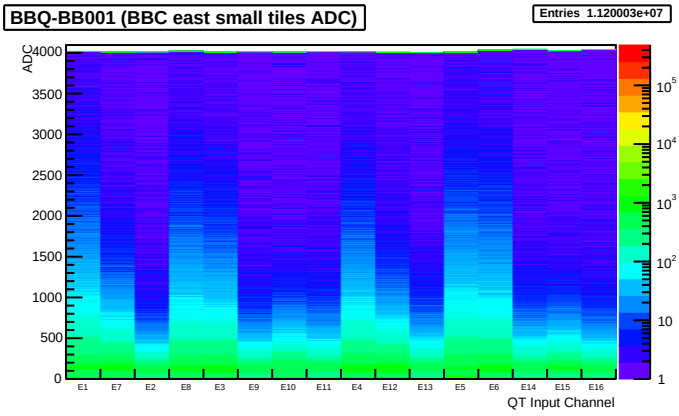

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1400004
TAC sum
1st-Best
2nd-Best
ID

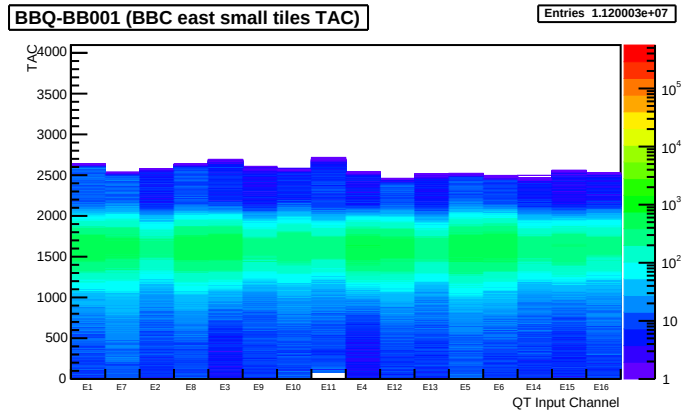

MIX-MT102 Input: VP003 Max TAC
Entries 700002

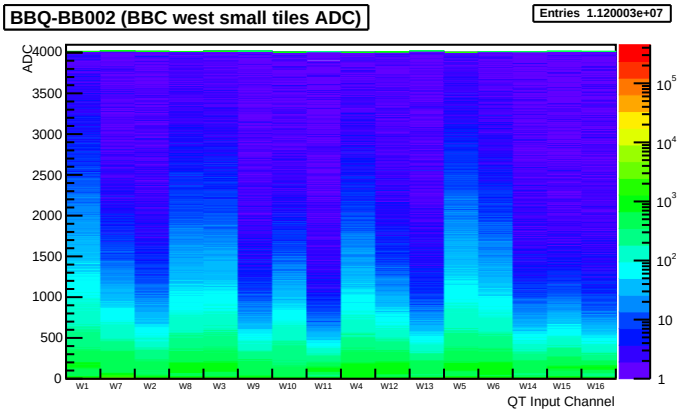

MIX-MT102 Input: VP004 Max TAC
Entries 700002

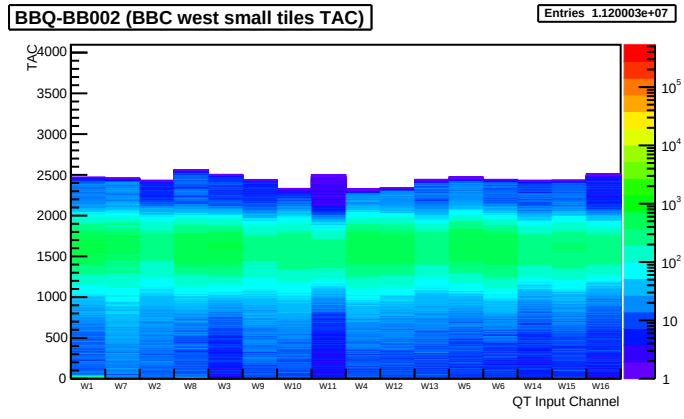

MXQ-PP001
Entries 1.120003e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

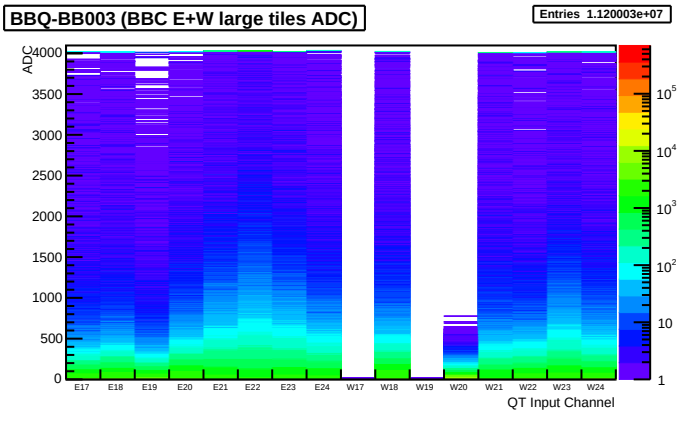

MXQ-PP001
Entries 1.120003e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

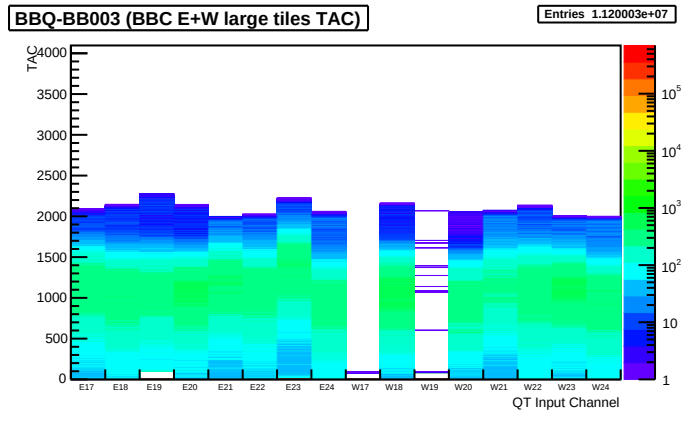

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.120003e+07
ADC
QT Input Channel

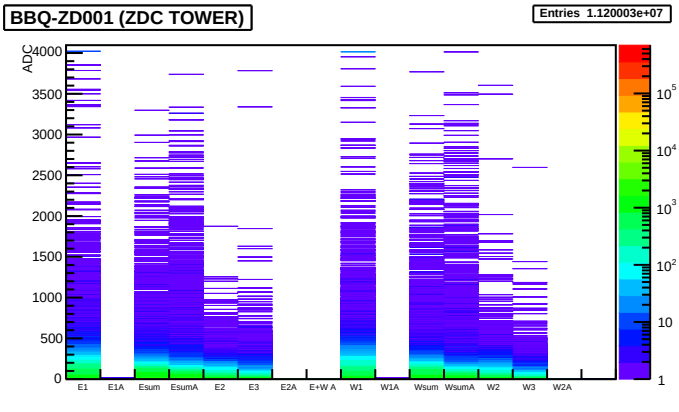

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.120003e+07
TAC
QT Input Channel

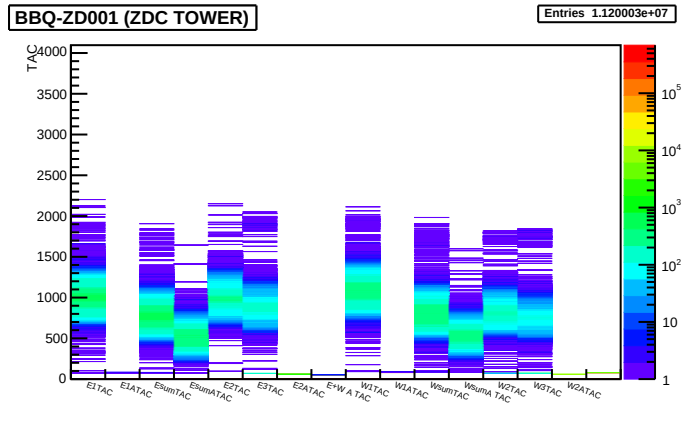

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.120003e+07
ADC
QT Input Channel

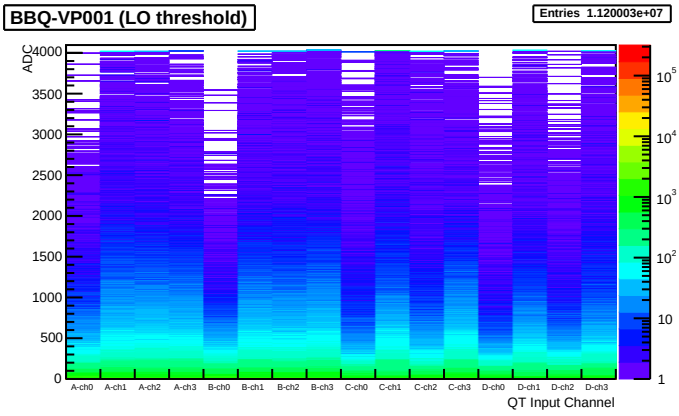

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.120003e+07
TAC
QT Input Channel

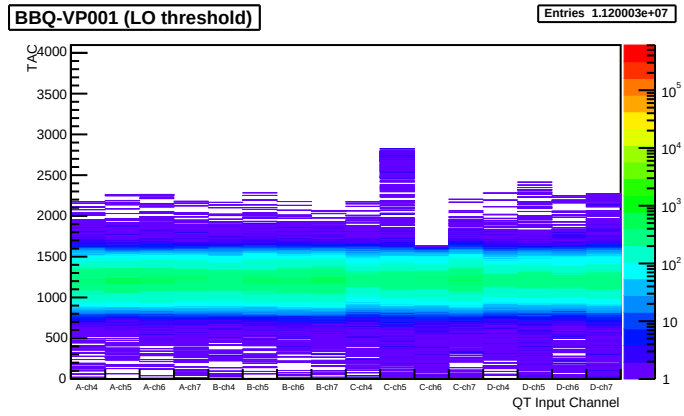

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.120003e+07
ADC
QT Input Channel

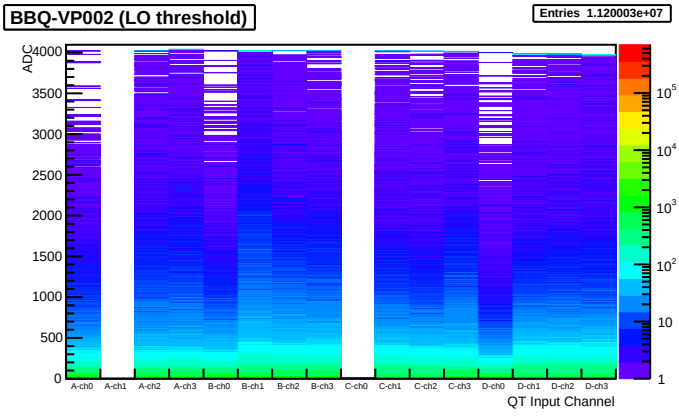

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.120003e+07
TAC
QT Input Channel

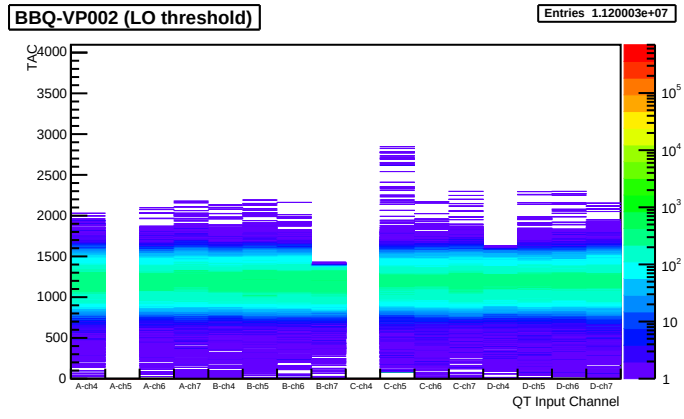

BBQ-ZD001 (ZDC TOWER)
Entries 1.120003e+07
ADC

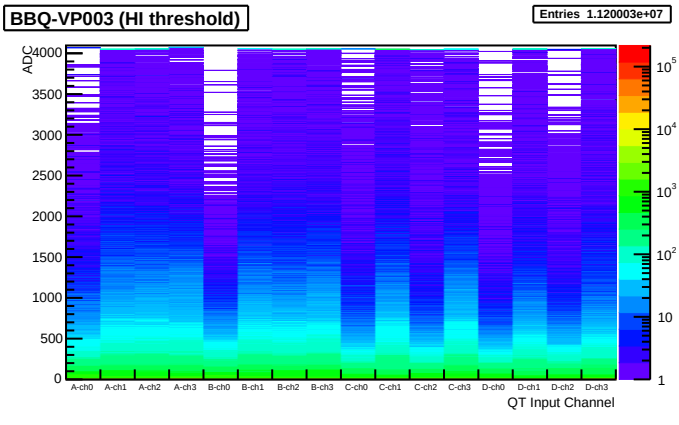

BBQ-ZD001 (ZDC TOWER)
Entries 1.120003e+07
TAC

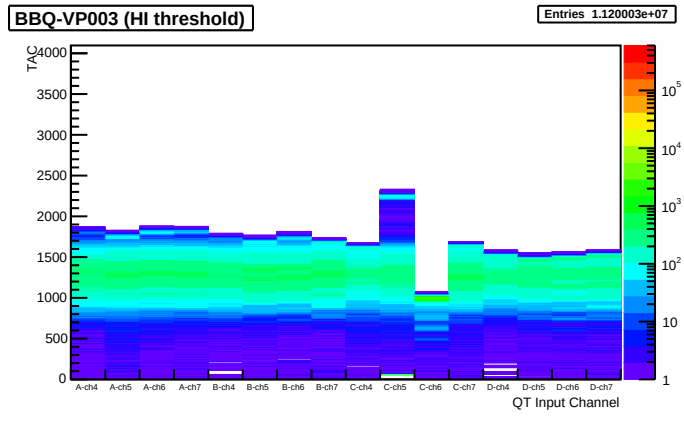

BBQ-VP001 (LO threshold)
Entries 1.120003e+07
ADC
QT Input Channel

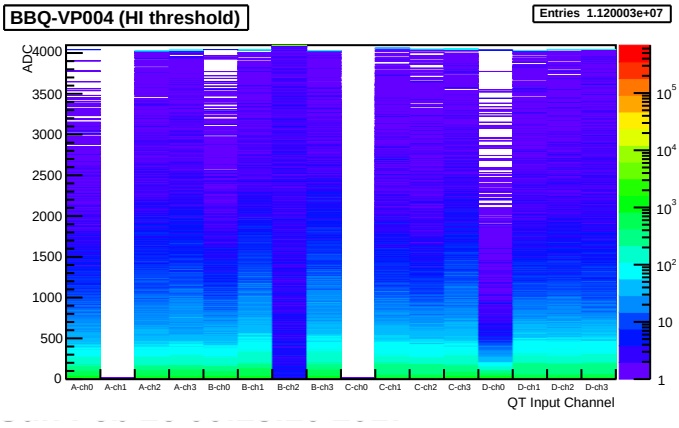

BBQ-VP001 (LO threshold)
Entries 1.120003e+07
TAC
QT Input Channel

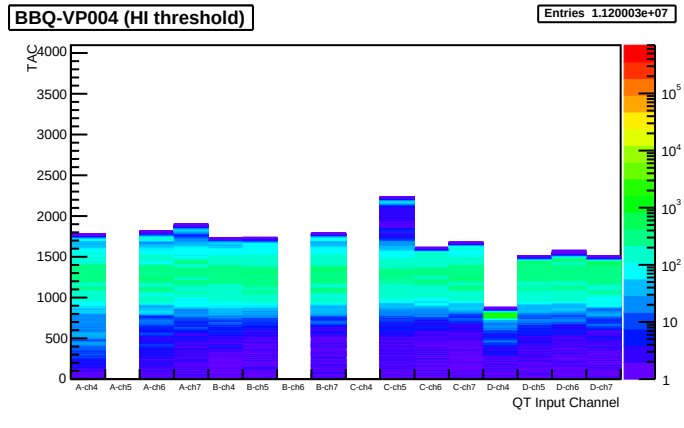

BBQ-VP002 (LO threshold)
Entries 1.120003e+07
ADC
QT Input Channel

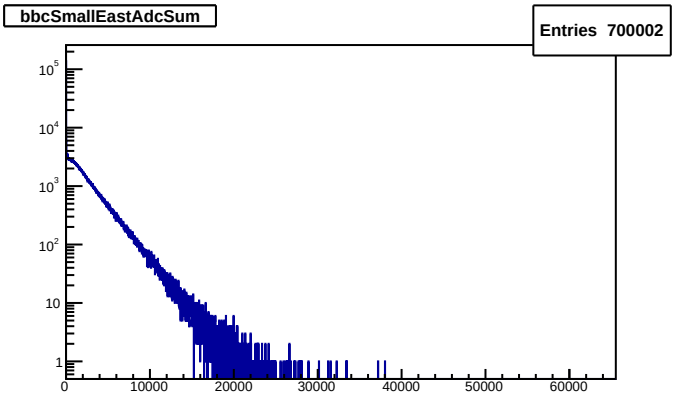

BBQ-VP002 (LO threshold)
Entries 1.120003e+07
TAC
QT Input Channel

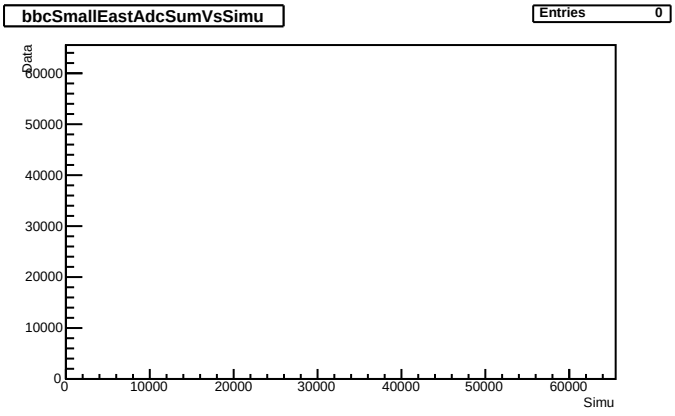

BBQ-VP003 (HI threshold)
Entries 1.120003e+07
ADC
QT Input Channel

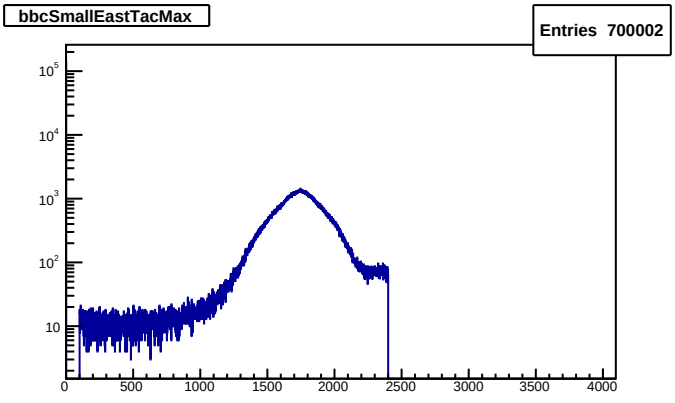

BBQ-VP003 (HI threshold)
Entries 1.120003e+07
TAC
QT Input Channel

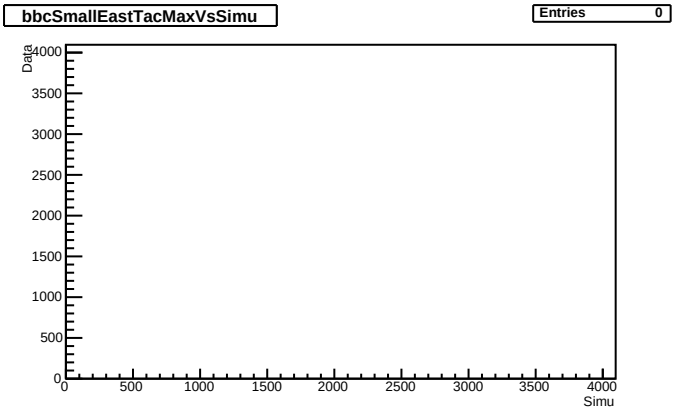

BBQ-VP004 (HI threshold)
Entries 1.120003e+07
ADC
QT Input Channel

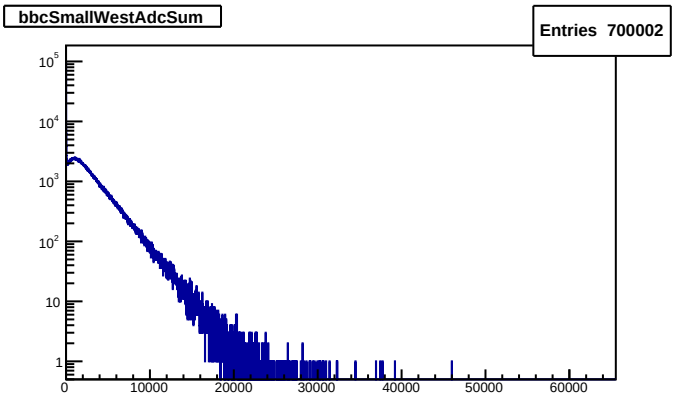

BBQ-VP004 (HI threshold)
Entries 1.120003e+07
TAC
QT Input Channel

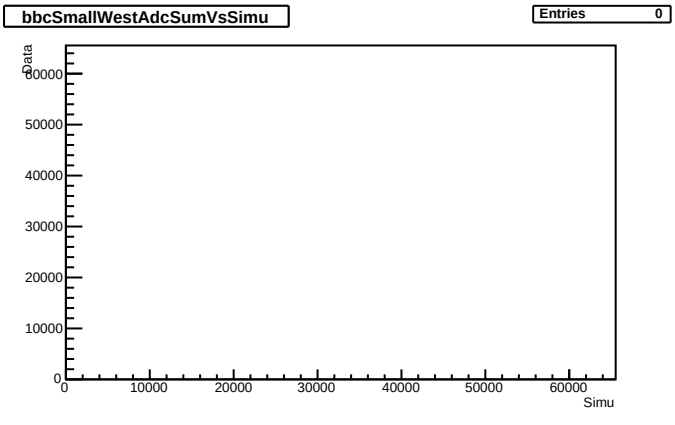

bbcSmallEastAdcSum
Entries 700002

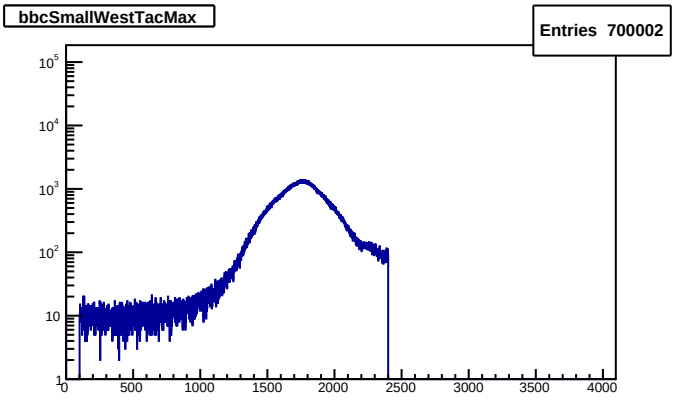

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

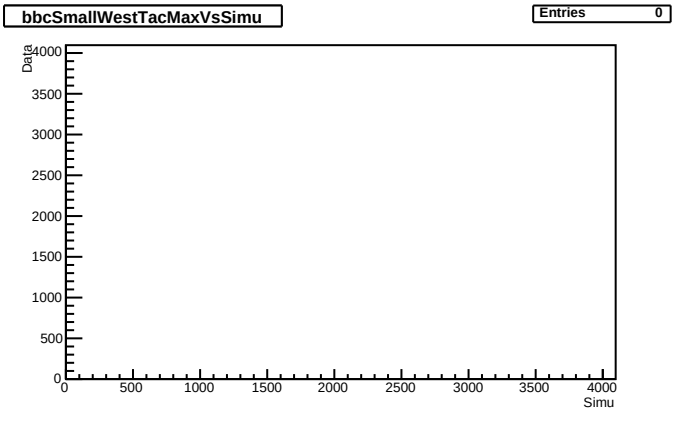

bbcSmallEastTacMax
Entries 700002

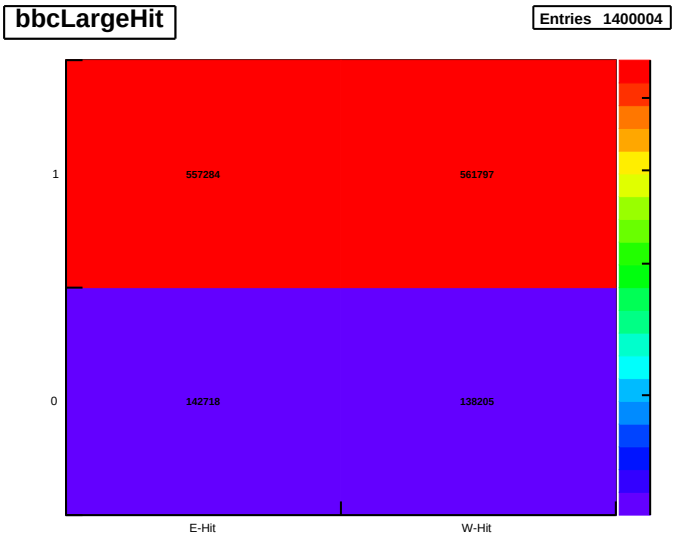

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

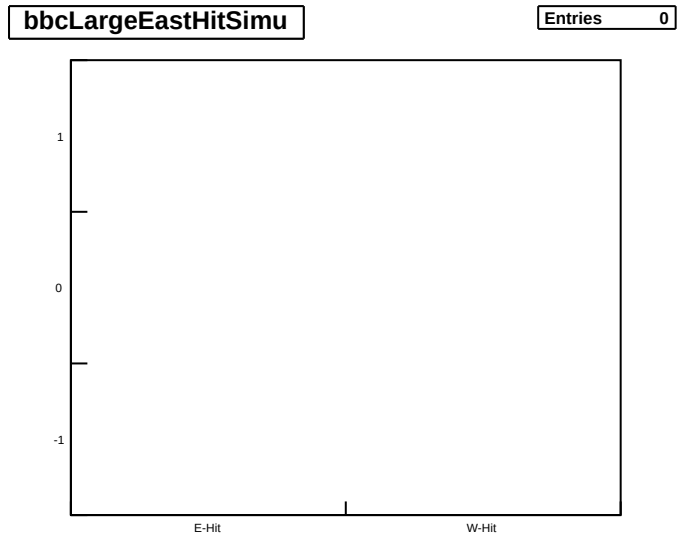

bbcSmallWestAdcSum
Entries 700002

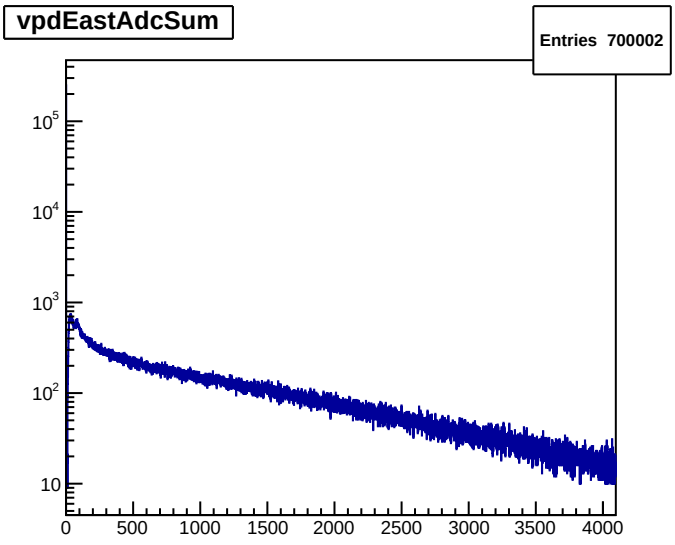

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

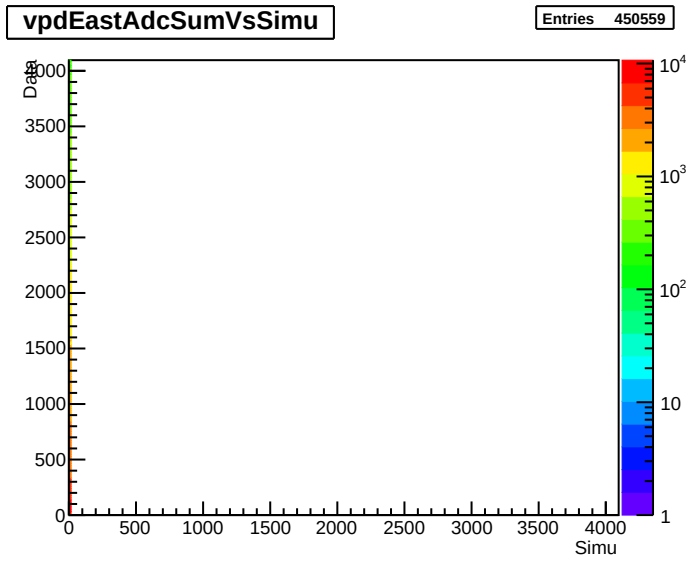

bbcSmallWestTacMax
Entries 700002

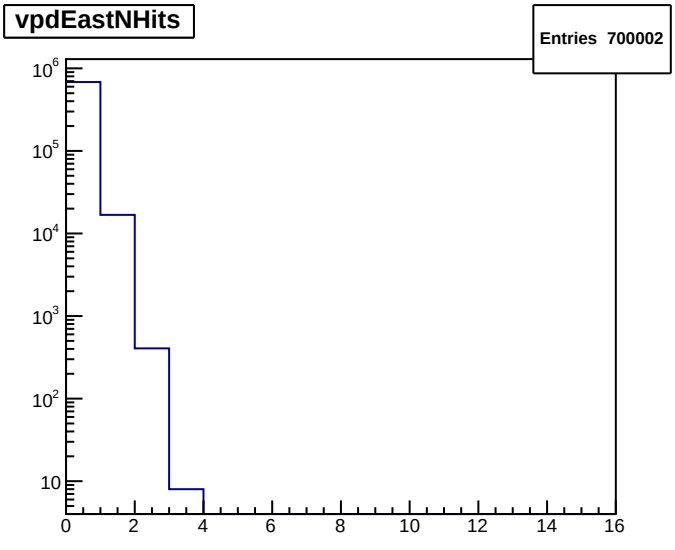

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

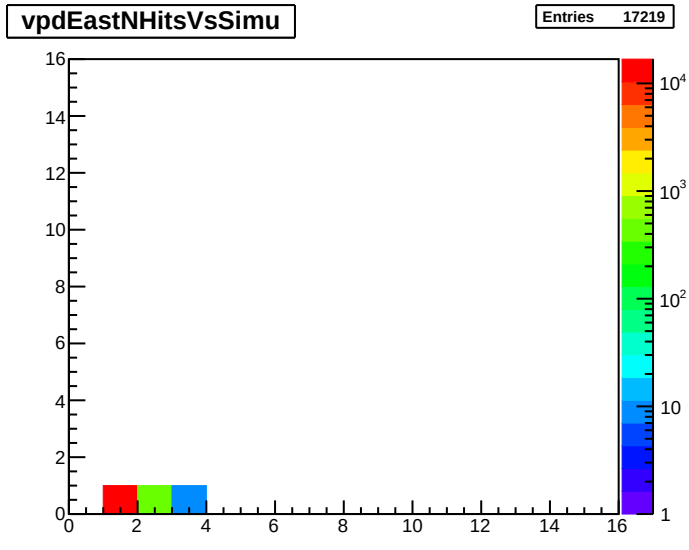

bbcLargeHit
Entries 1400004
1
0
557284
561797
142718
138205
E-Hit
W-Hit

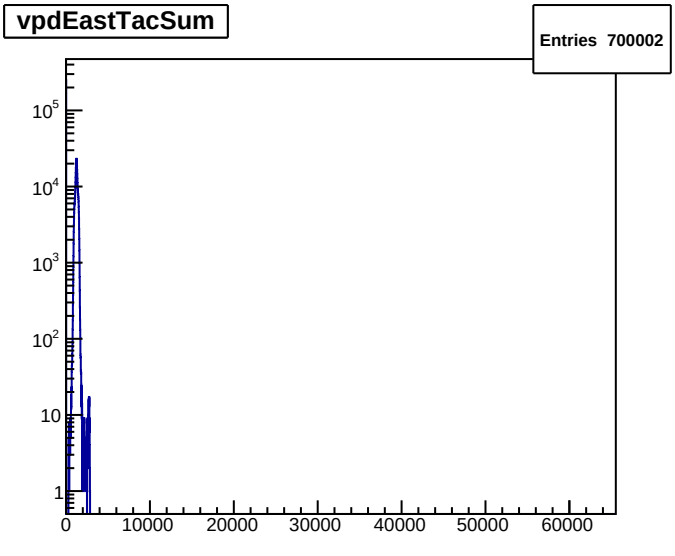

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

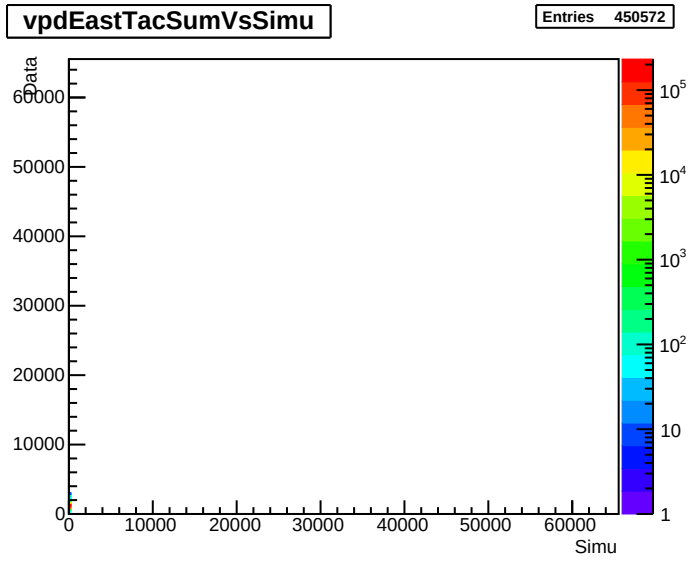

vpdEastAdcSum
Entries 700002

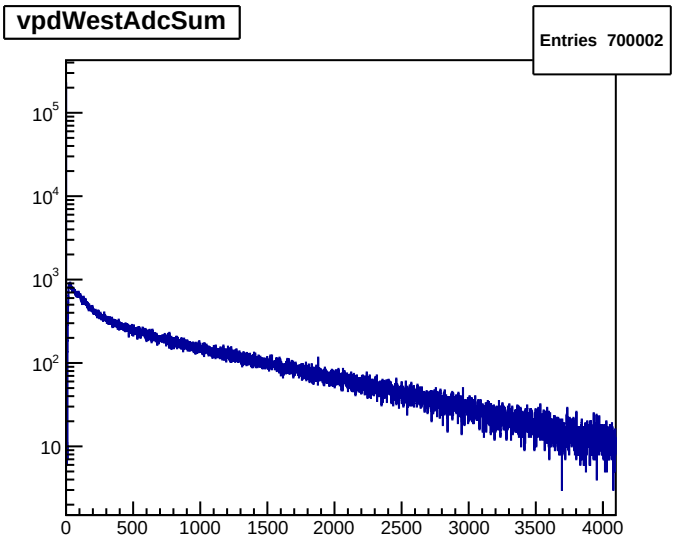

vpdEastAdcSumVsSimu
Entries 450559
Data
Simu

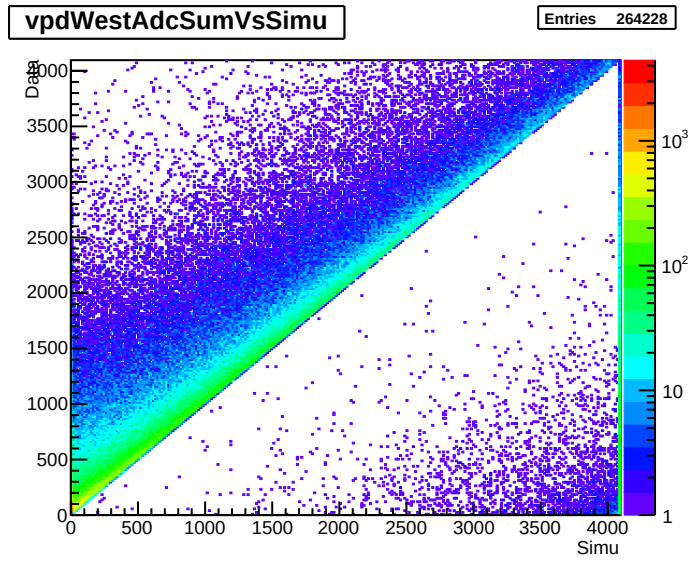

vpdEastNHits
Entries 700002

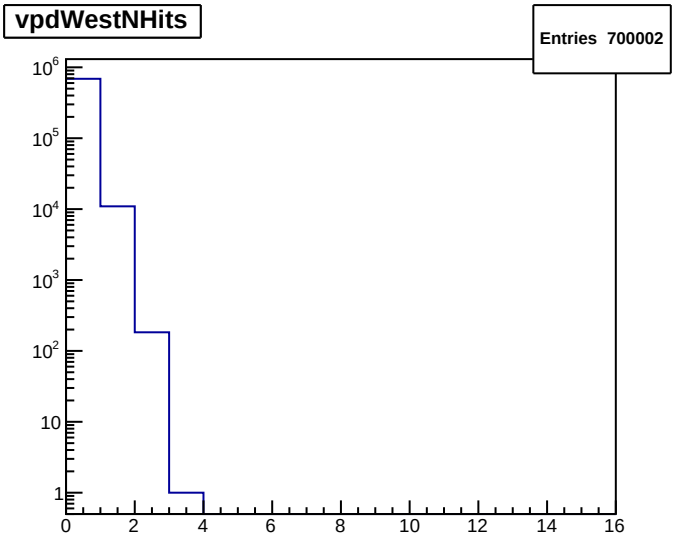

vpdEastNHitsVsSimu
Entries 17219

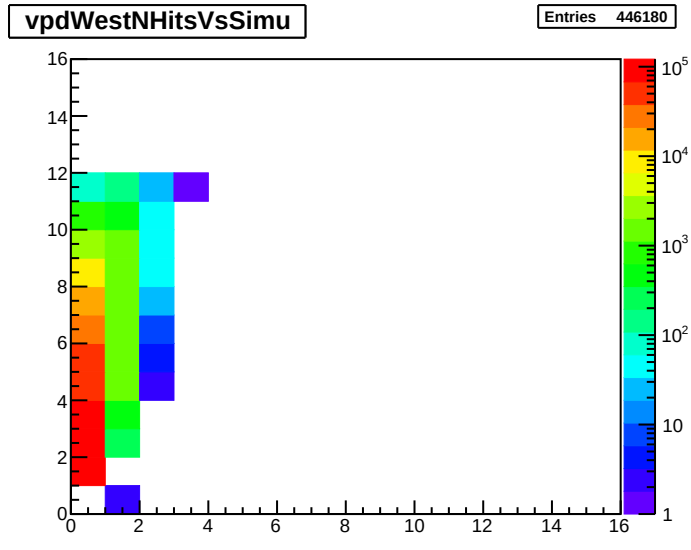

vpdEastTacSum
Entries 700002

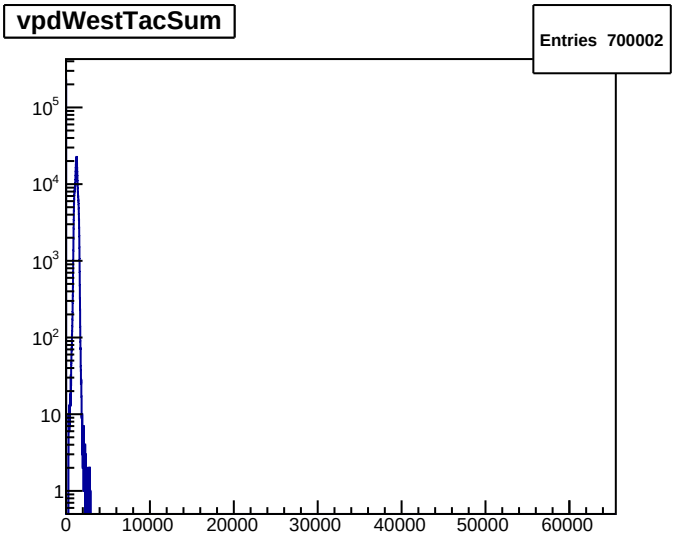

vpdEastTacSumVsSimu
Entries 450572
Data
Simu

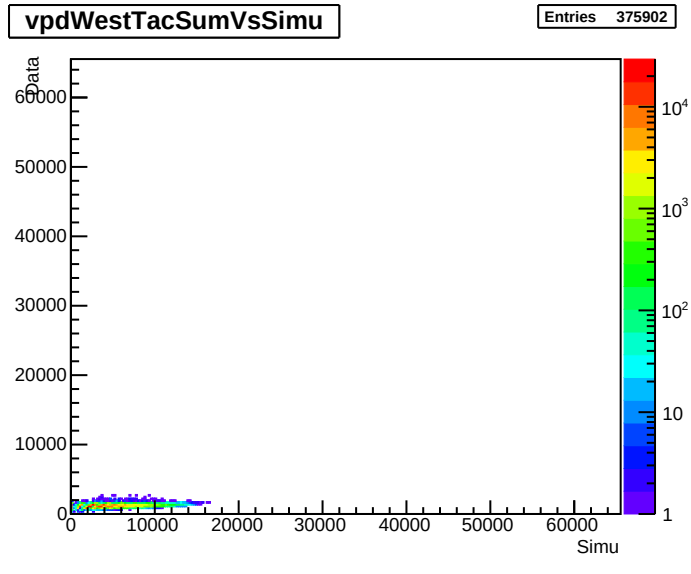

vpdWestAdcSum
Entries 700002

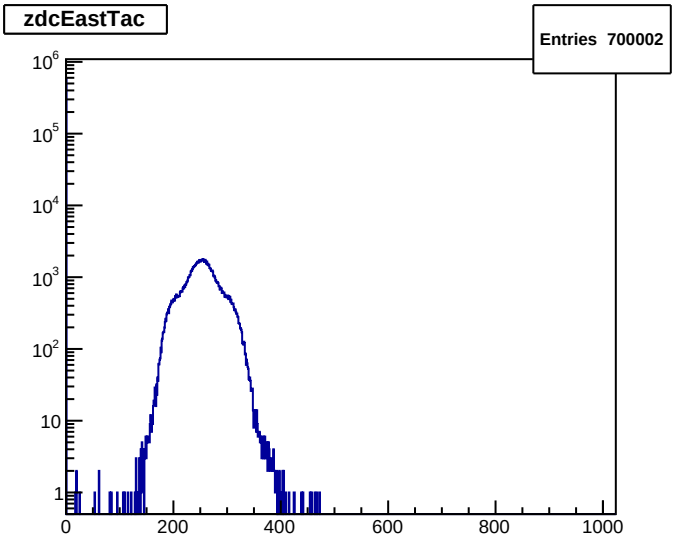

vpdWestAdcSumVsSimu
Entries 264228
Data
Simu

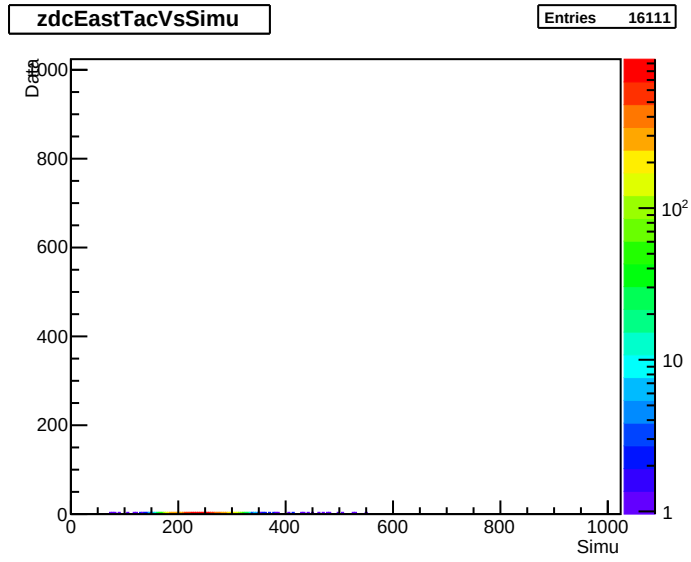

vpdWestNHits
Entries 700002

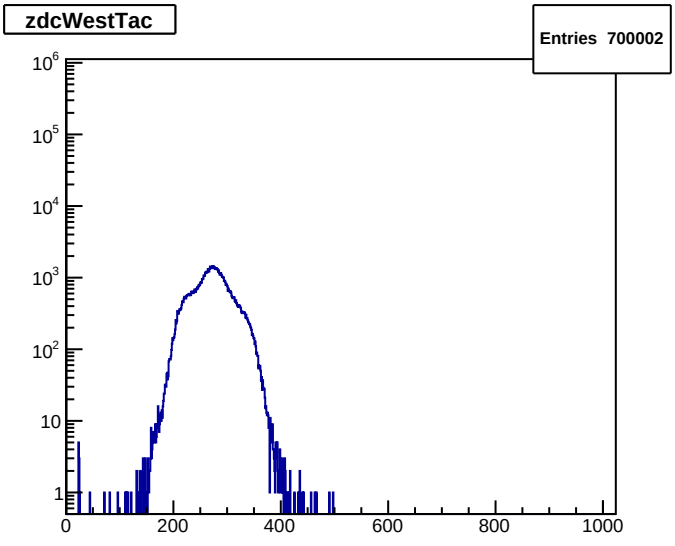

vpdWestNHitsVsSimu
Entries 446180

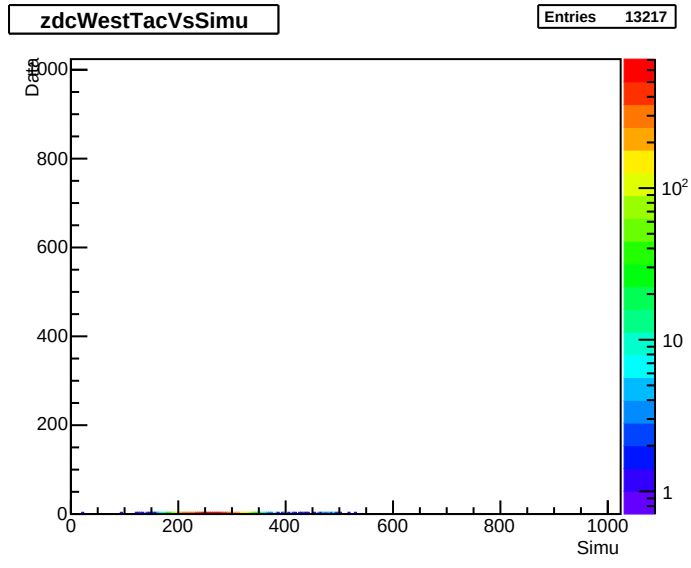

vpdWestTacSum
Entries 700002

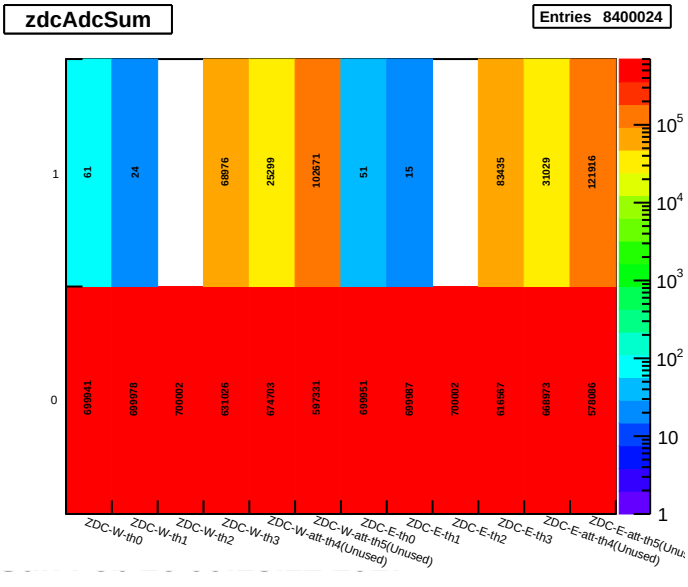

vpdWestTacSumVsSimu
Entries 375902
Data
Simu

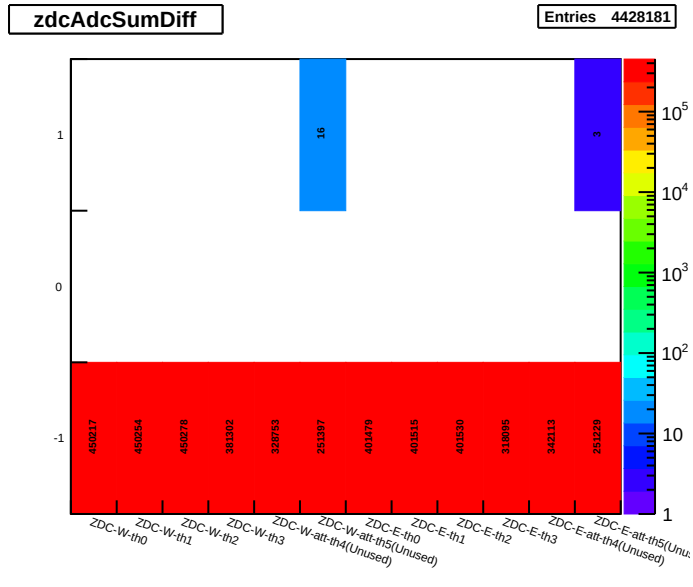

zdcEastTac
Entries 700002

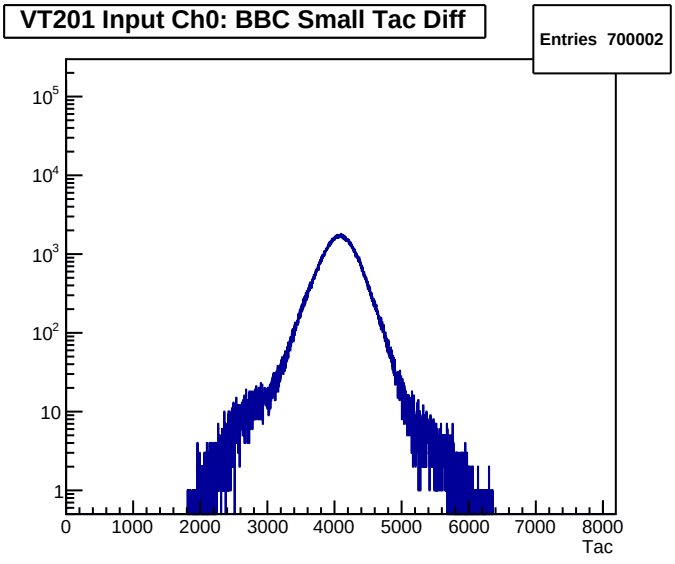

zdcEastTacVsSimu
Entries 16111
Data
Simu

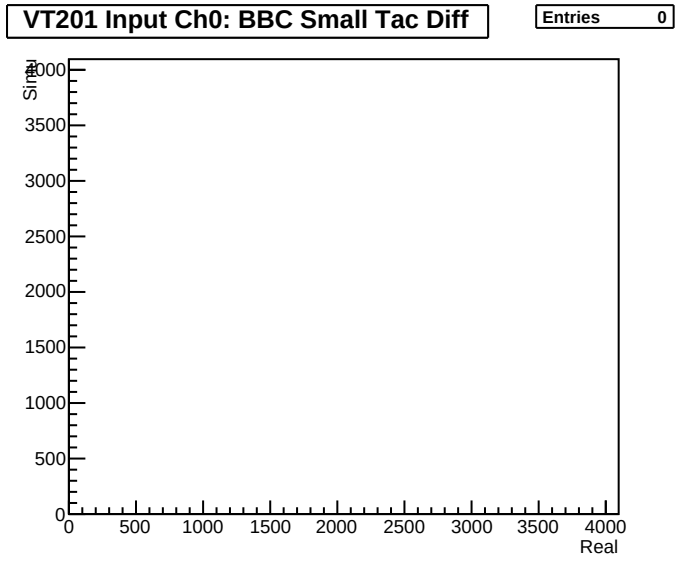

zdcWestTac
Entries 700002

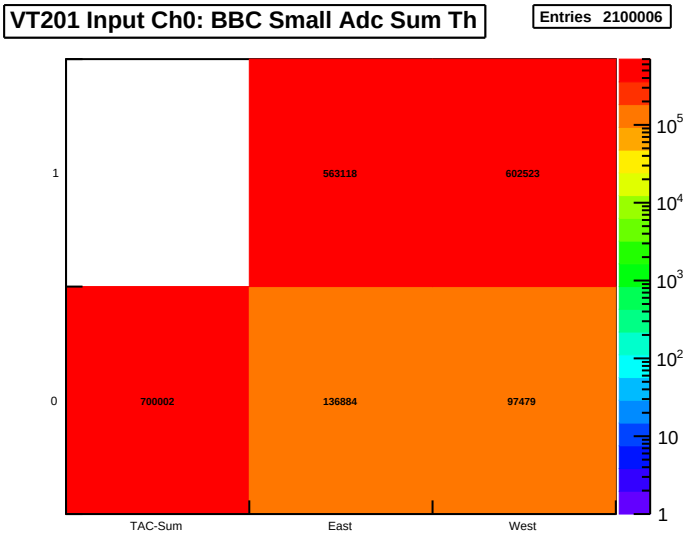

zdcWestTacVsSimu
Entries 13217
Data
Simu

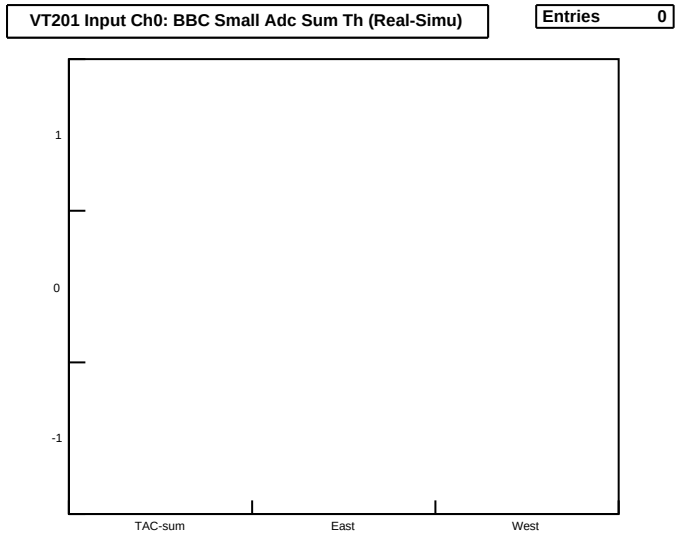

zdcAdcSum
Entries 8400024
61
24
68976
25299
102671
51
15
83435
31029
121916
699941
699978
700002
631026
674703
597331
699951
699987
700002
616567
668973
578086
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

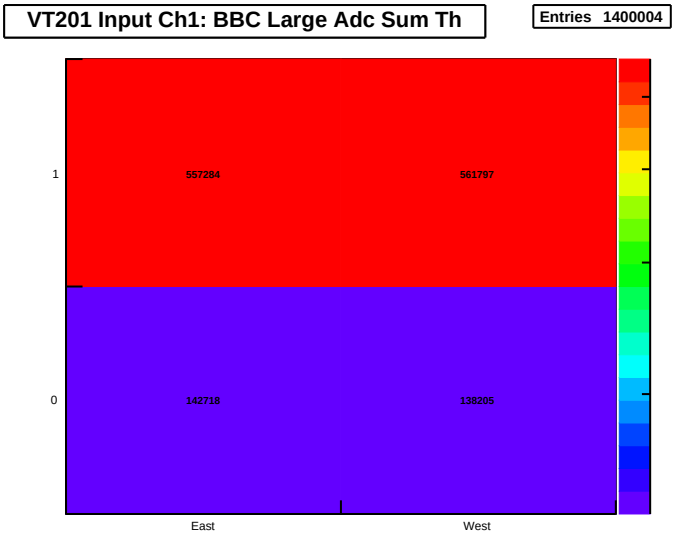

zdcAdcSumDiff
Entries 4428181
16
3
450217
450254
450278
383302
329753
251397
401479
401515
401530
318095
342113
251229
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

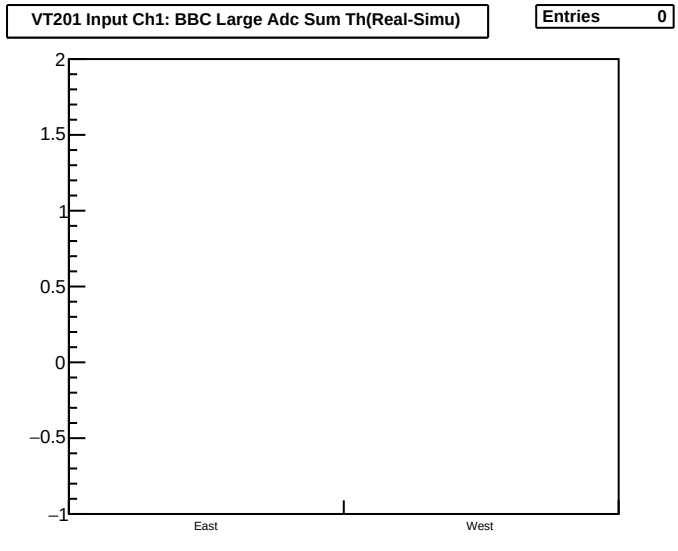

VT201 Input Ch0: BBC Small Tac Diff
Entries 700002
Tac


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

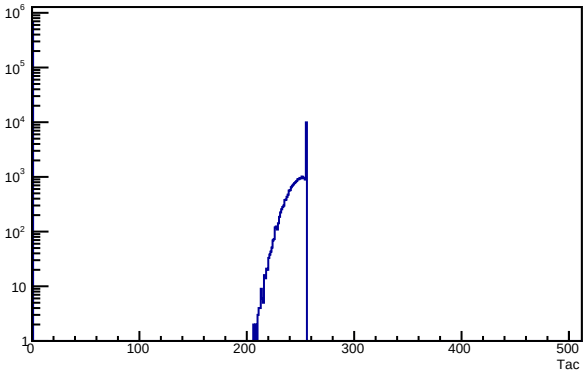

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2100006
563118
602523
700002
136884
97479
TAC-Sum
East
West


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

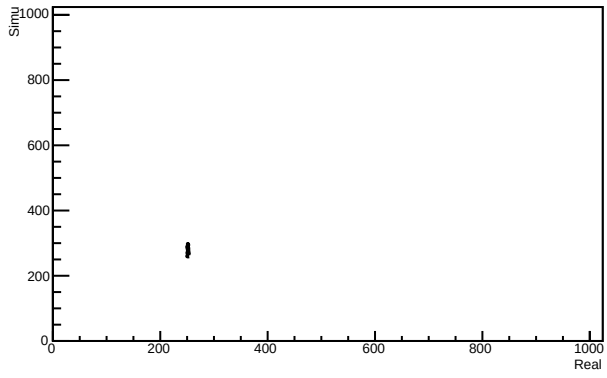

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1400004
557284
561797
142718
138205
East
West


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

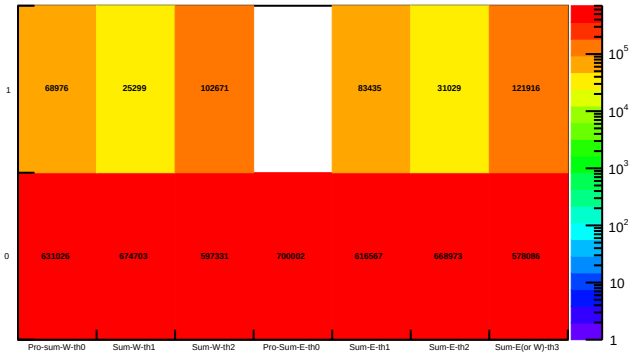
VT201 Input Ch2: ZDC Tac Diff



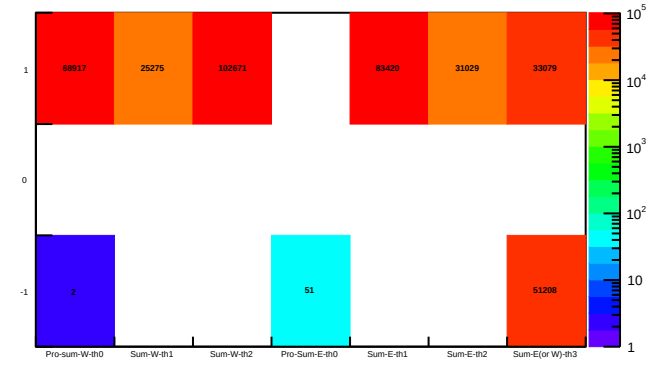
VT201 Input Ch2: ZDC Tac Diff



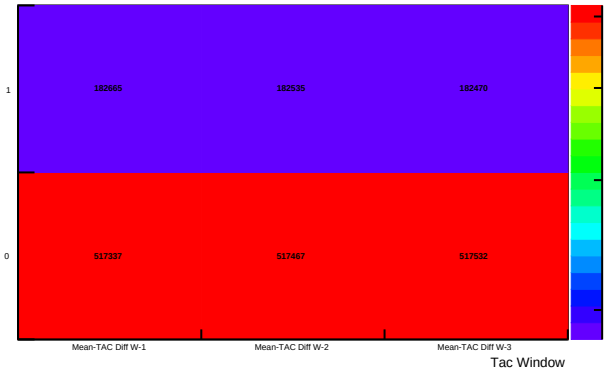
VT201 Input Ch2: ZDC Adc Sum Th



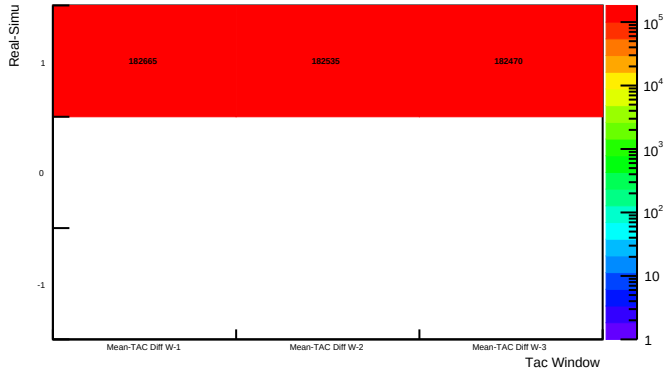
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



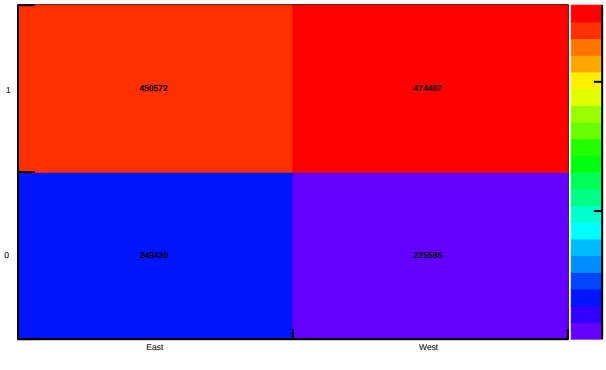
VT201 Input Ch4: VPD Tac Diff



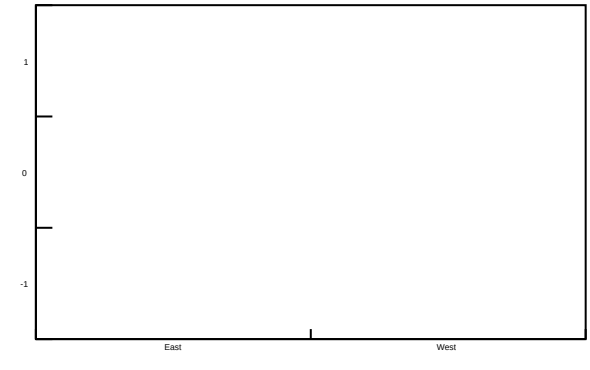
VT201 Input Ch4: VPD Tac Diff

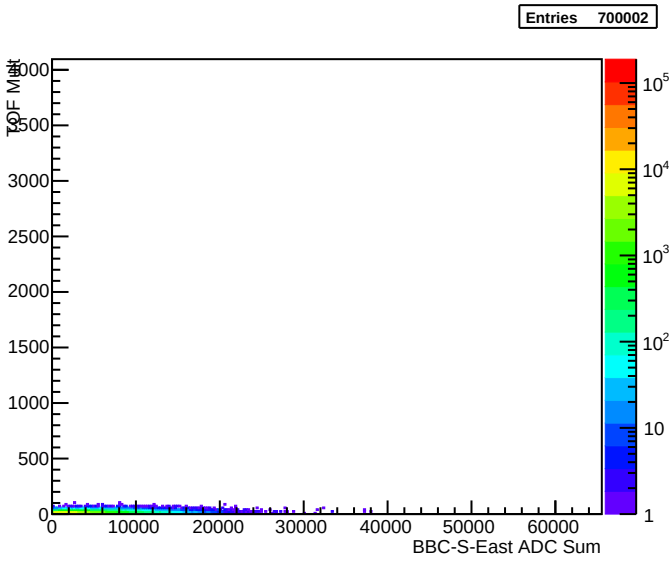


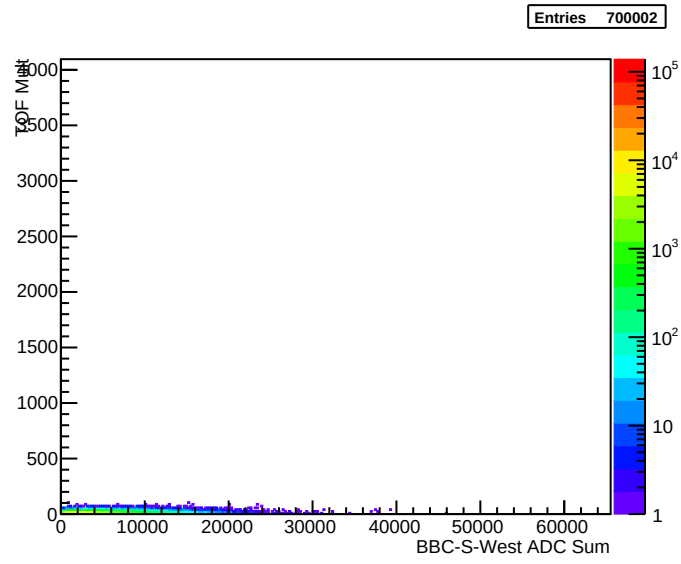
VT201 Input Ch4: VPD Adc Sum Th

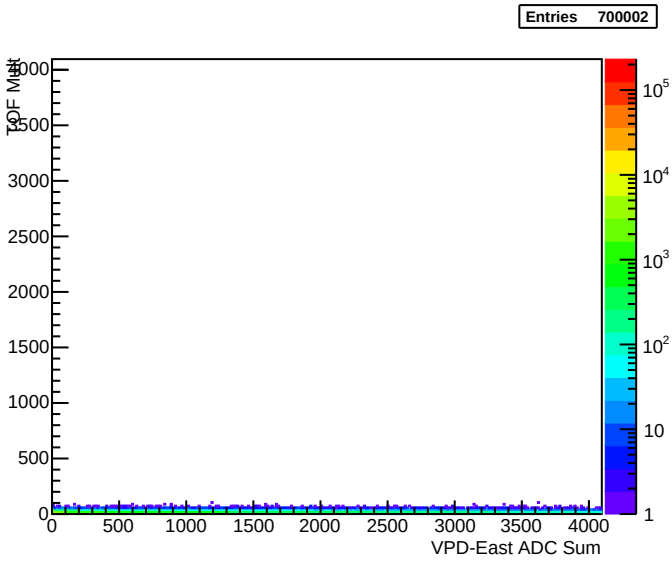


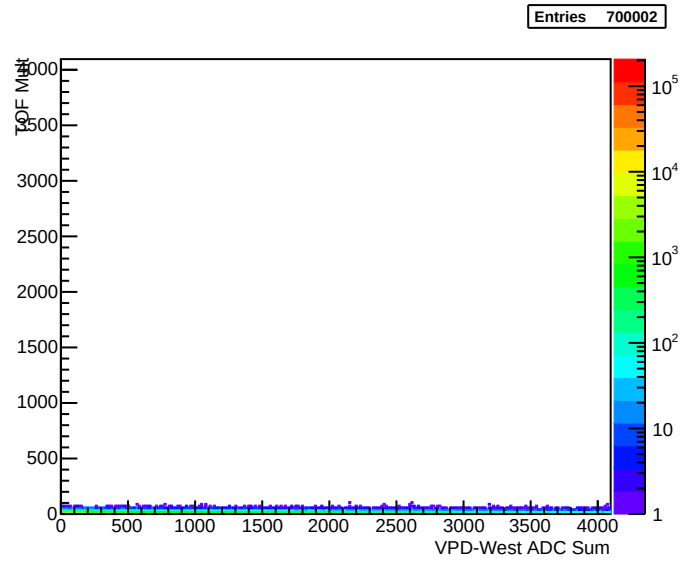
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

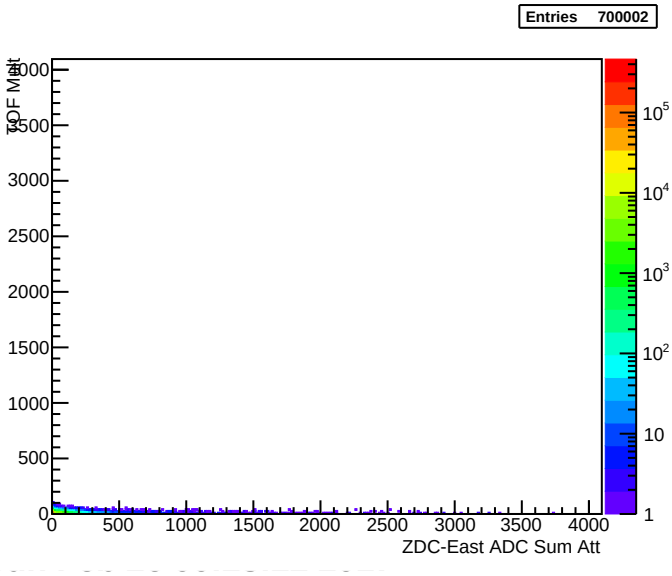


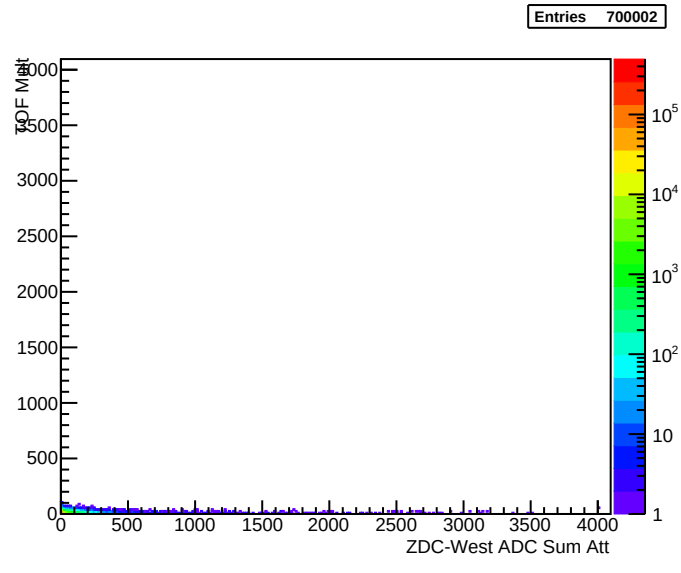

Entries 700002
TOF Mult
BBC-S-East ADC Sum

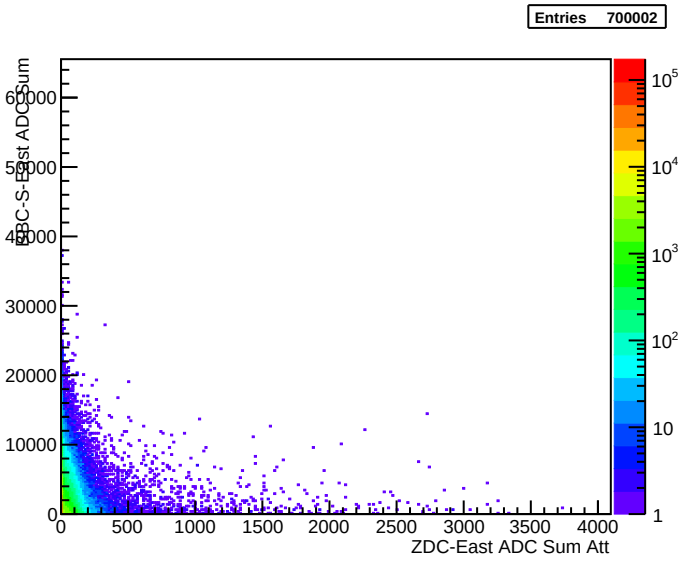

Entries 700002
TOF Mult
BBC-S-West ADC Sum

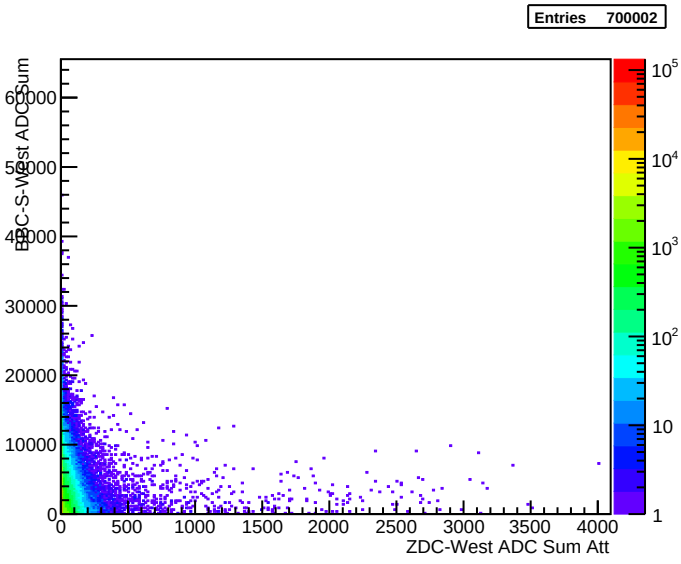

Entries 700002
TOF Mult
VPD-East ADC Sum

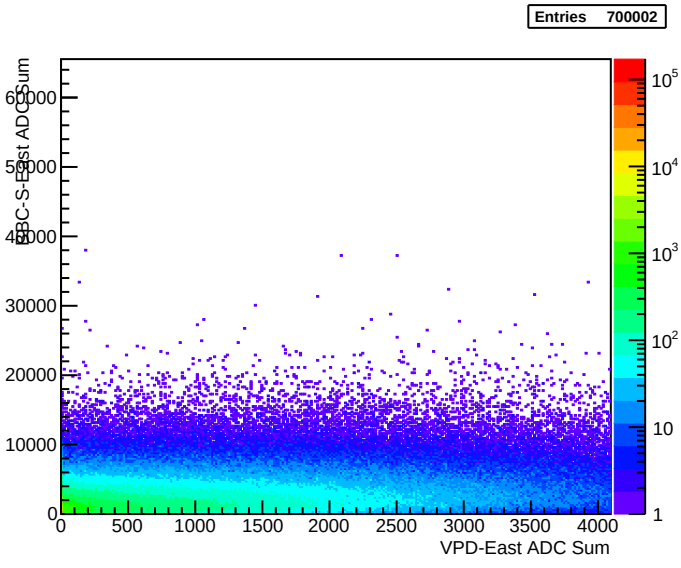

Entries 700002
TOF Mult
VPD-West ADC Sum

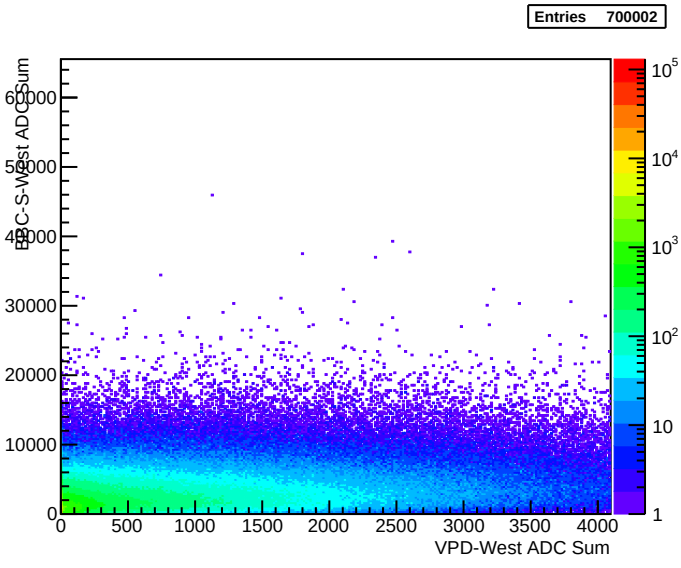

Entries 700002
TOF Mult
ZDC-East ADC Sum Att

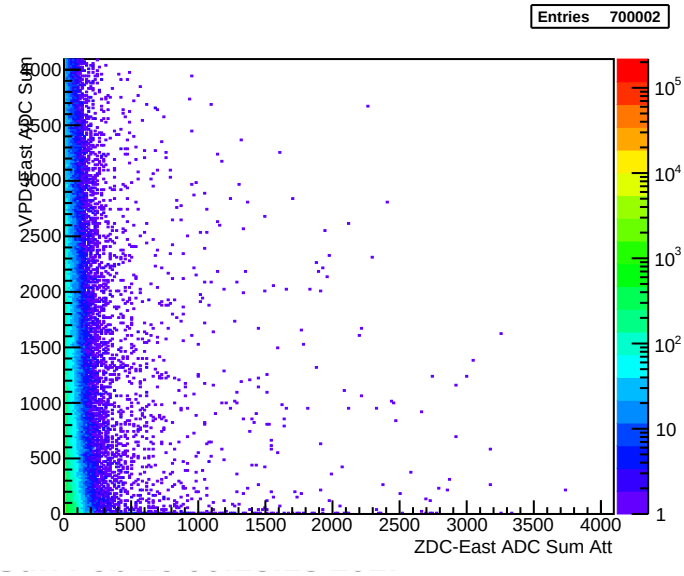

Entries 700002
TOF Mult
ZDC-West ADC Sum Att

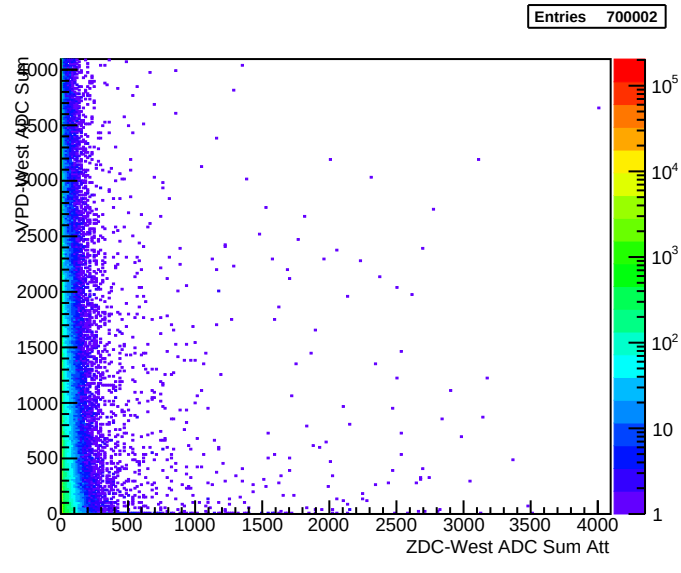

Entries 700002
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

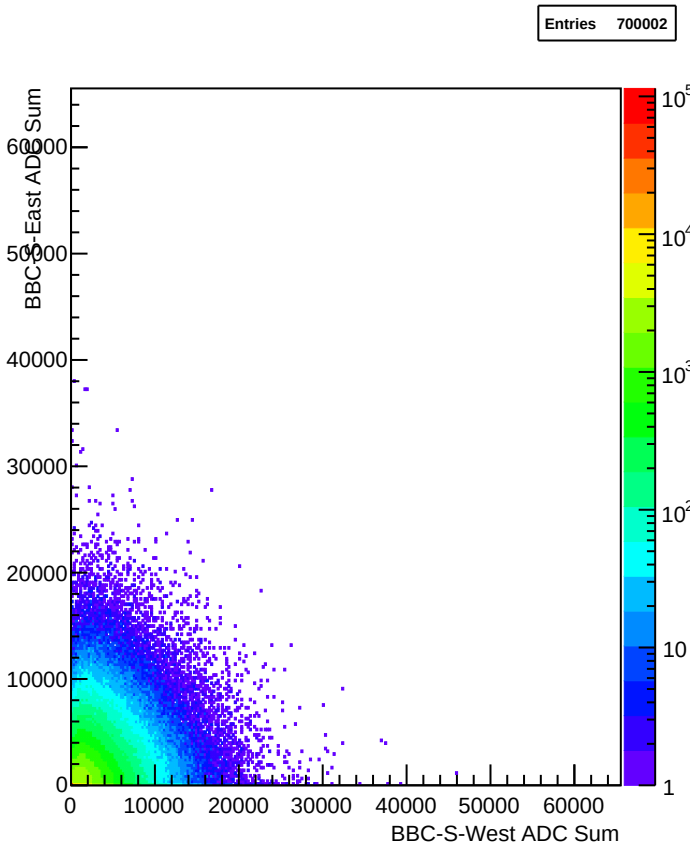

Entries 700002
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

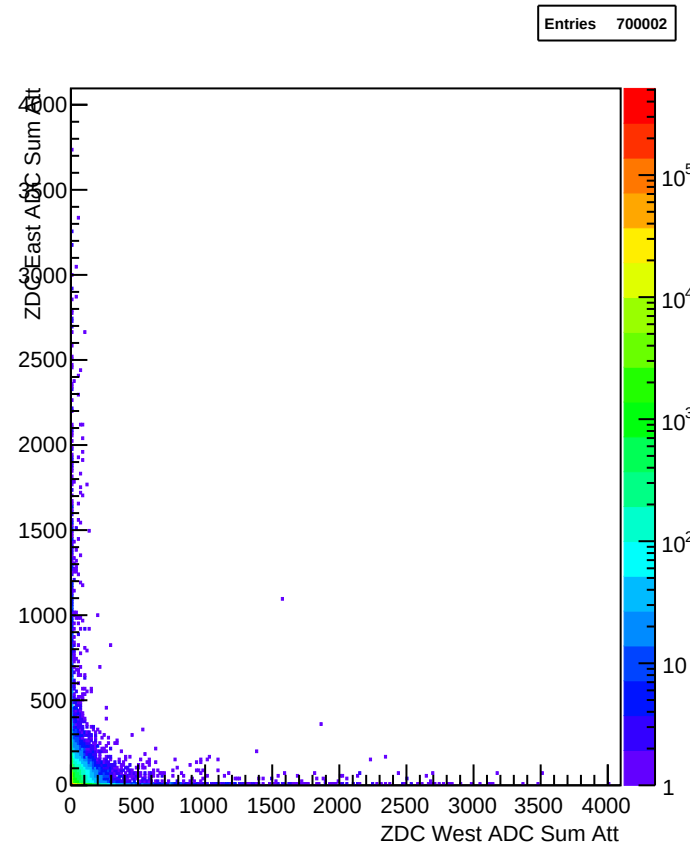

Entries 700002
BBC-S-East ADC Sum
VPD-East ADC Sum

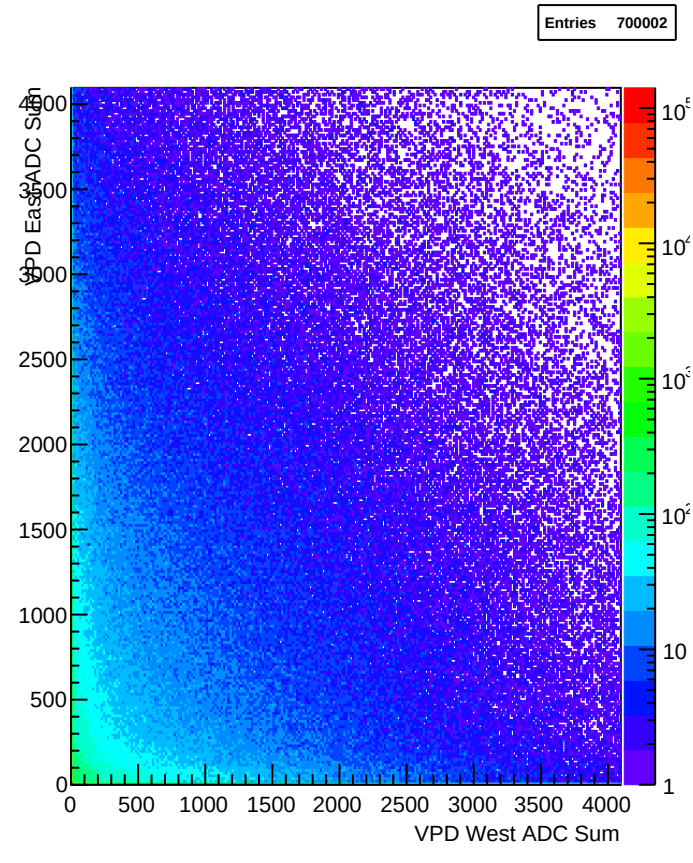

Entries 700002
BBC-S-West ADC Sum
VPD-West ADC Sum

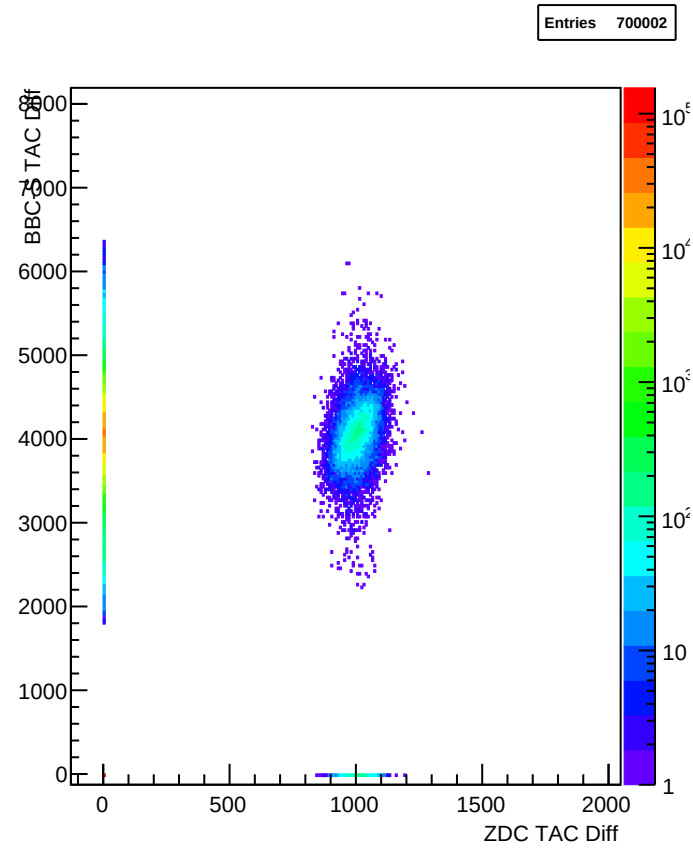

Entries 700002
VPD-East ADC Sum
ZDC-East ADC Sum Att

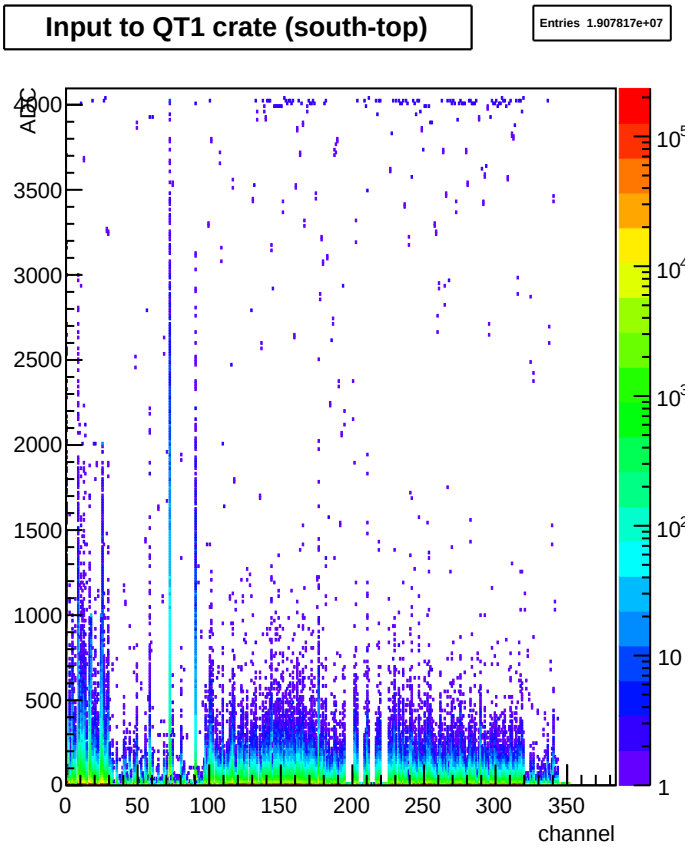

Entries 700002
VPD-West ADC Sum
ZDC-West ADC Sum Att

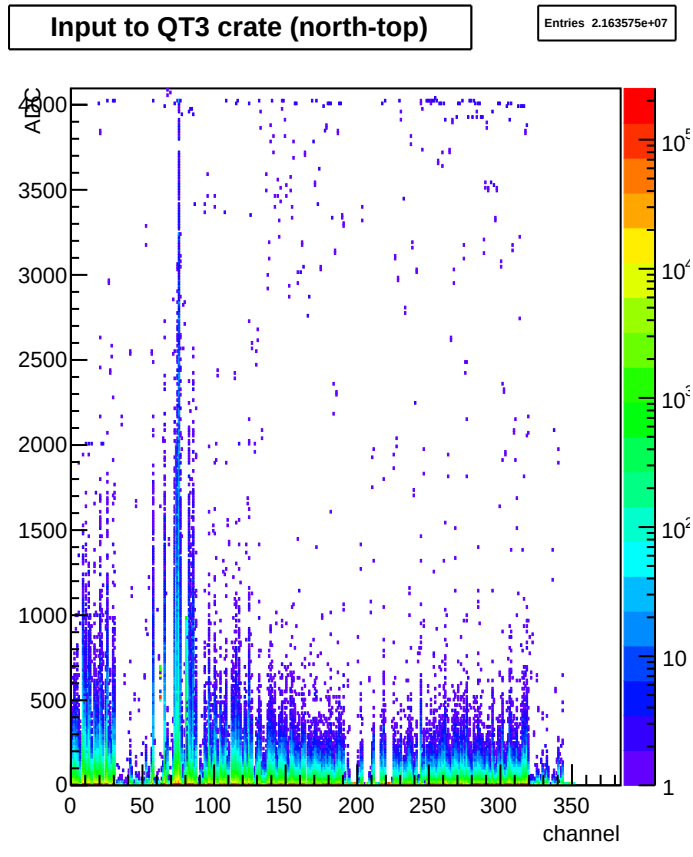

Entries 700002
BBC-S-East ADC Sum
BBC-S-West ADC Sum

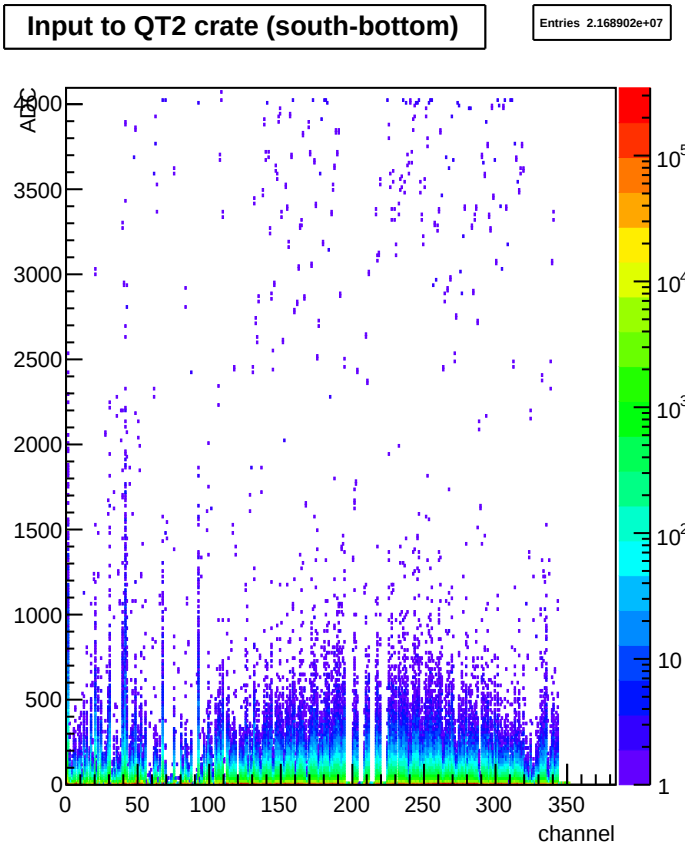

Entries 700002
ZDC East ADC Sum Att
ZDC West ADC Sum Att

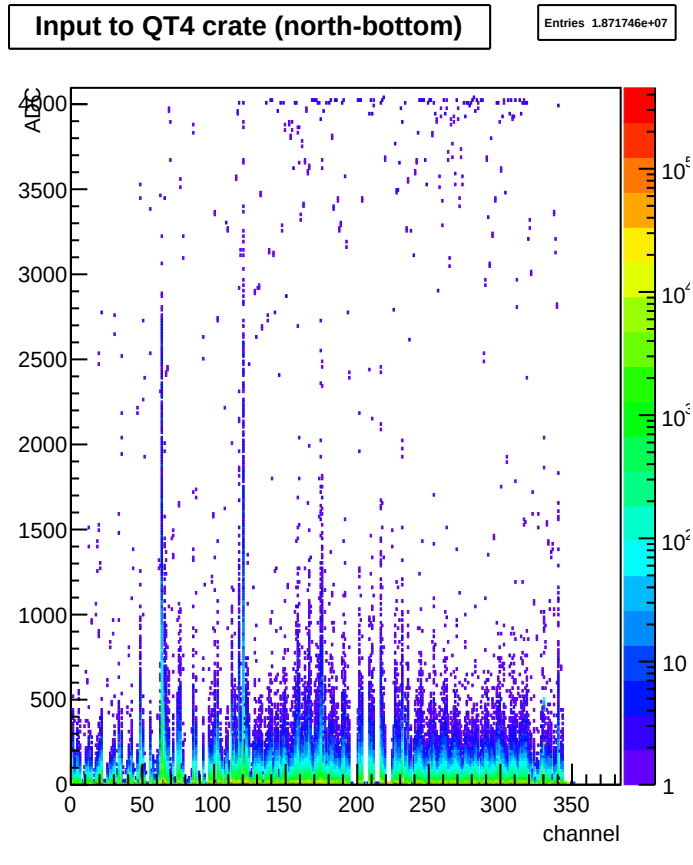

Entries 700002
VPD East ADC Sum
VPD West ADC Sum

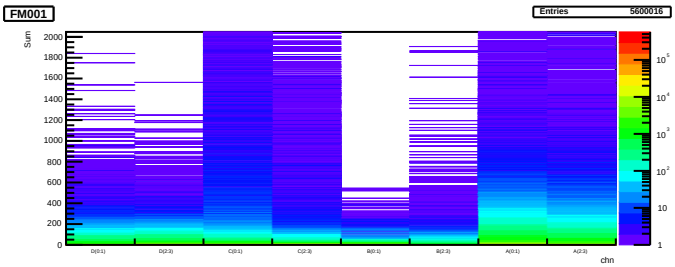

Entries 700002
BBC-S TAC Diff
ZDC TAC Diff

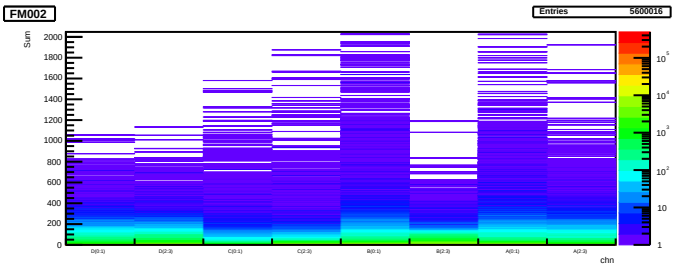

Input to QT1 crate (south-top)
Entries 1.907817e+07
ADC
channel

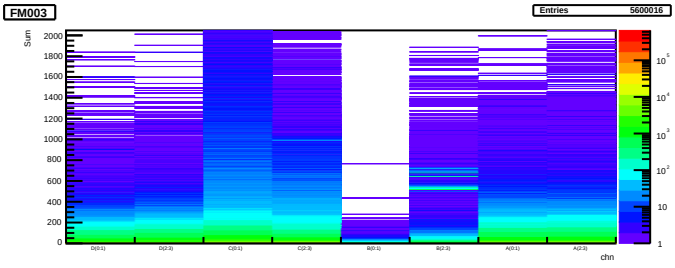

Input to QT3 crate (north-top)
Entries 2.163575e+07
ADC
channel

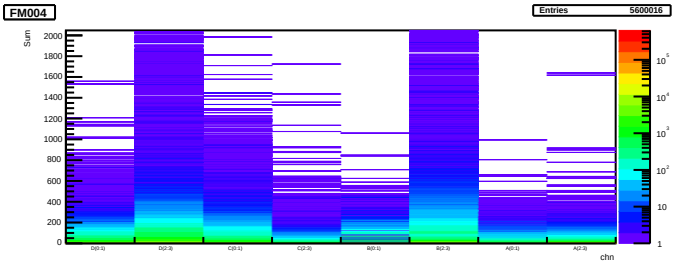

Input to QT2 crate (south-bottom)
Entries 2.168902e+07
ADC
channel

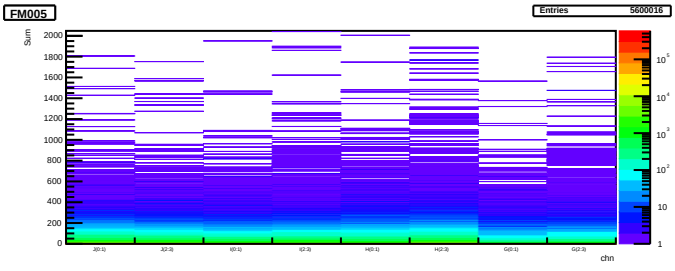

Input to QT4 crate (north-bottom)
Entries 1.871746e+07
ADC
channel

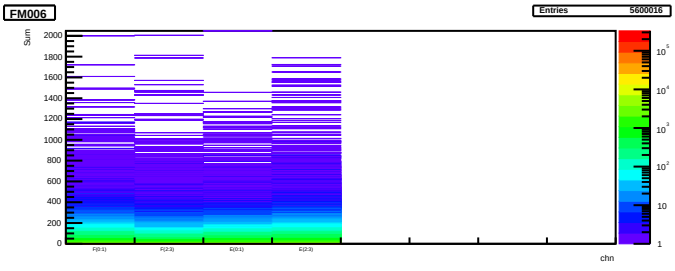

FM001
Entries 5600016
Sum
chn

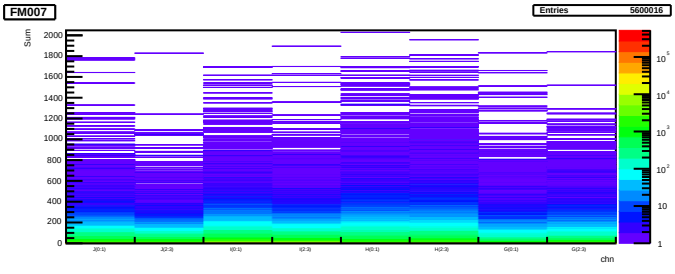

FM002
Entries 5600016
Sum
chn

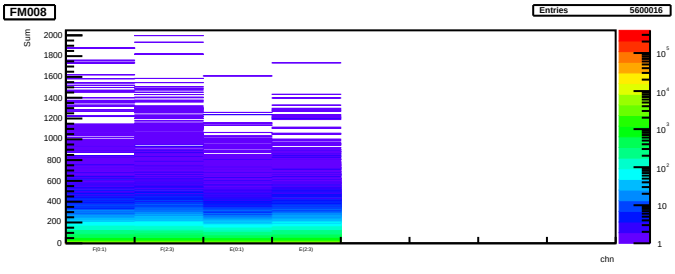

FM003
Entries 5600016
Sum
chn

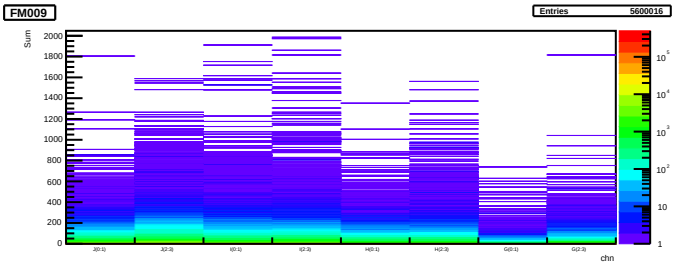

FM004
Entries 5600016
Sum
chn

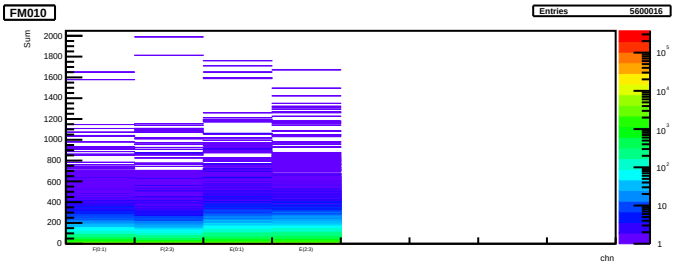

FM005
Entries 5600016
Sum
chn

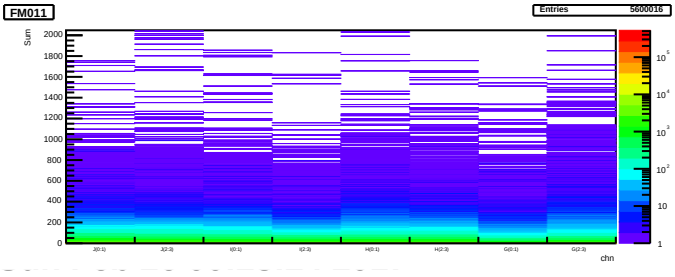

FM006
Entries 5600016
Sum
chn

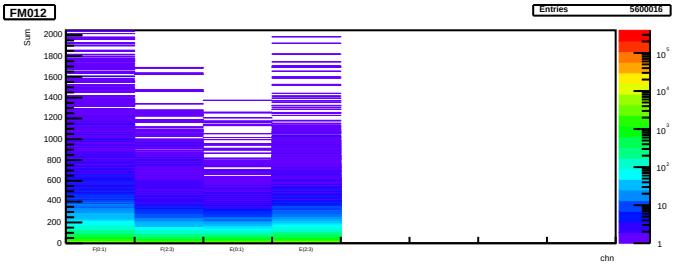

FM007
Entries 5600016
Sum
chn


FM008
Entries 5600016
Sum
chn


FM009
Entries 5600016
Sum
chn


FM010
Entries 5600016
Sum
chn


FM011
Entries 5600016
Sum
chn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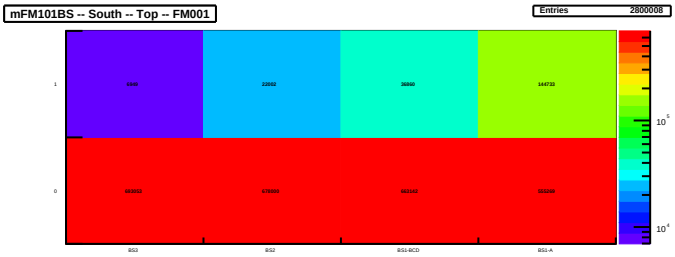
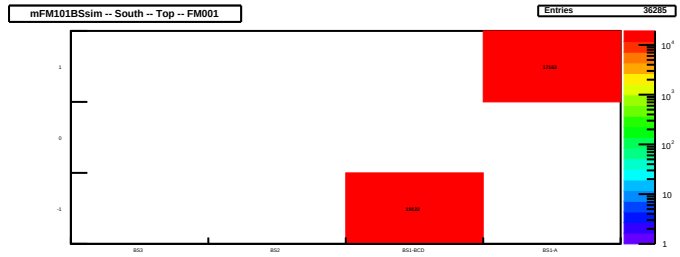
Entries 5600016
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 2800008


mFM101BSsim -- South -- Top -- FM001
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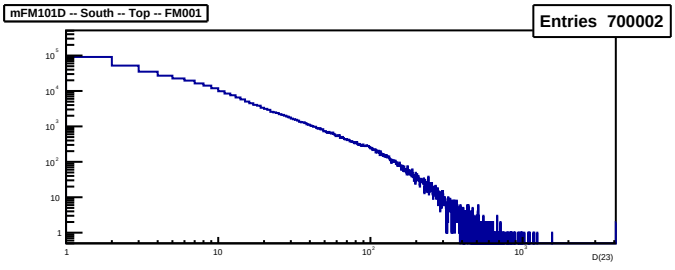
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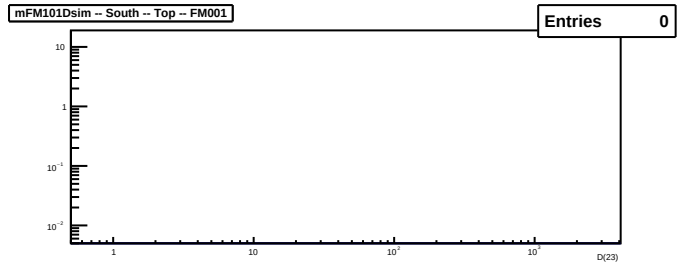
Entries 700002
D(23)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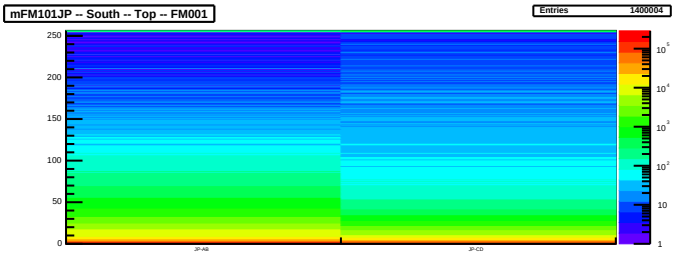
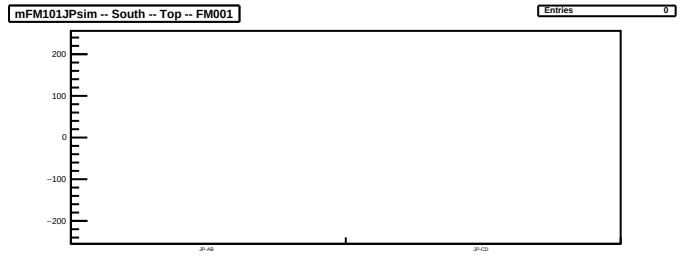
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 1400004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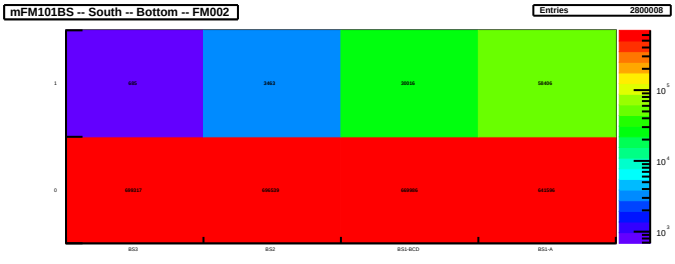
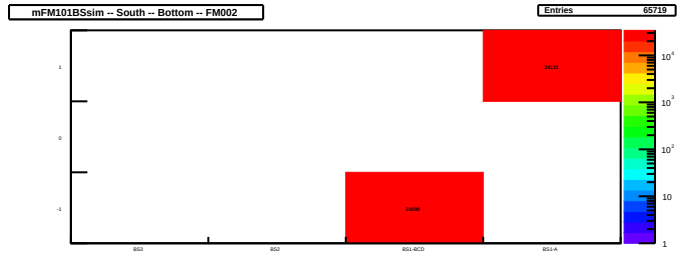

mFM101BS -- South -- Bottom -- FM002
Entries 2800008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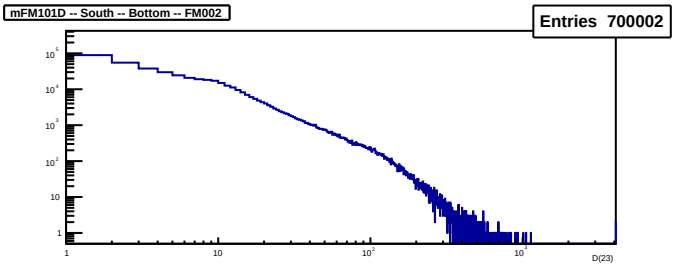
Entries 65719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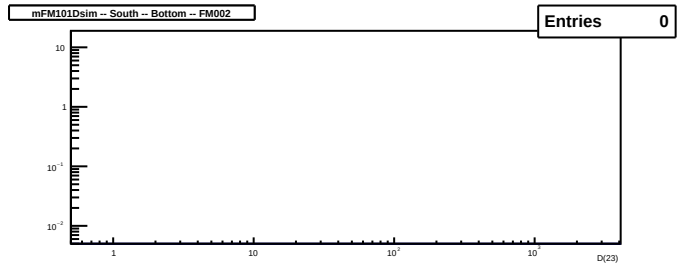
Entries 700002
D(23)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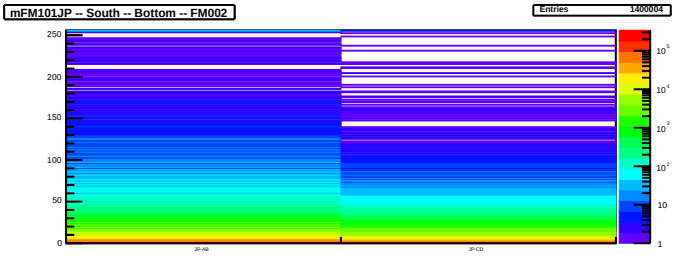
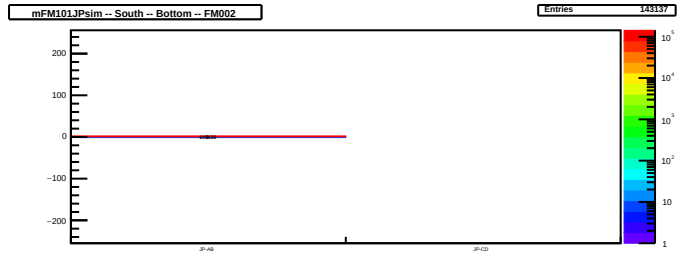
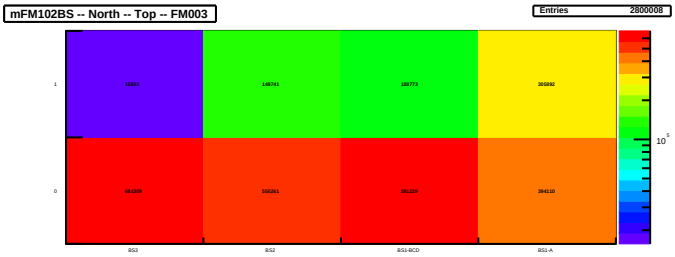
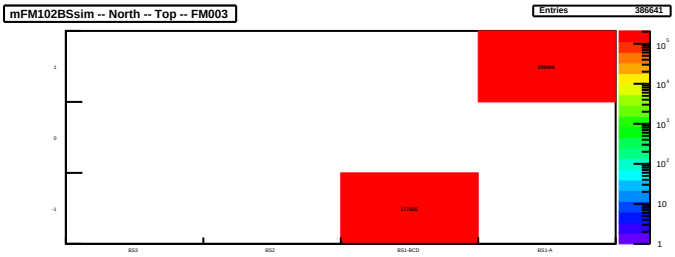
Entries 0
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 1400004


mFM101JPsim -- South -- Bottom -- FM002
Entries 143137


mFM102BS -- North -- Top -- FM003
Entries 2800008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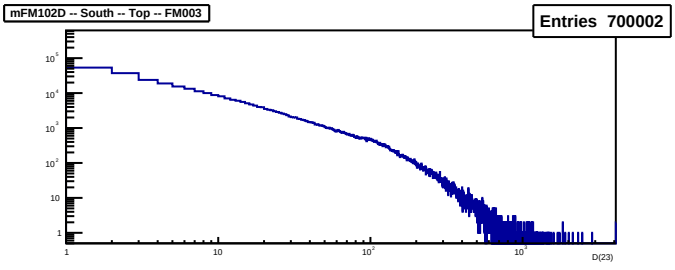
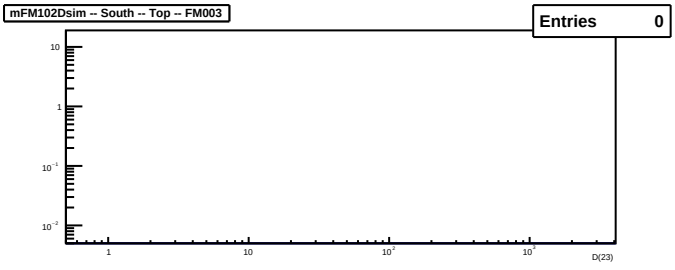
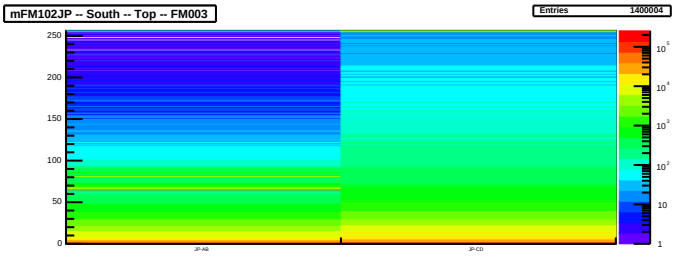
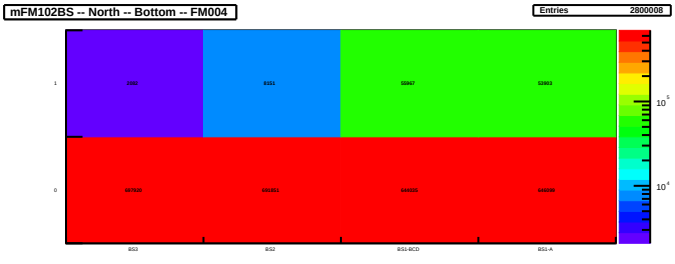
Entries 386641

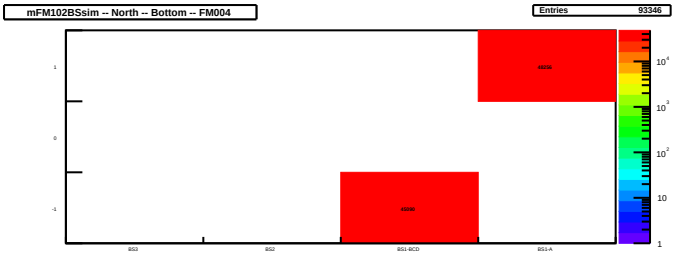

mFM102D -- South -- Top -- FM003
Entries 700002
D(23)

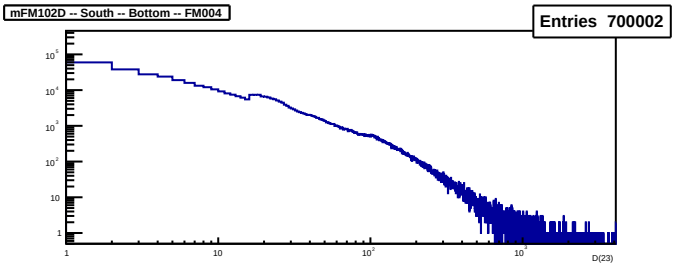

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

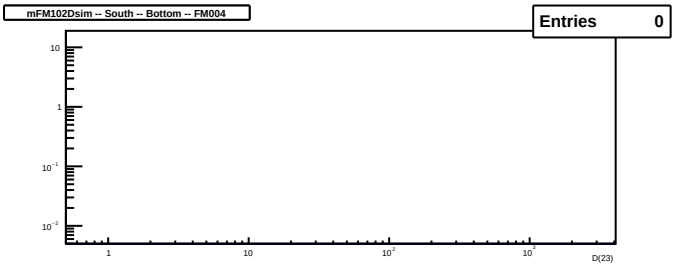

mFM102JP -- South -- Top -- FM003
Entries 1400004

mFM102JPsim -- South -- Top -- FM003
Entries 0


mFM102BS -- North -- Bottom -- FM004
Entries 2800008


mFM102BSsim -- North -- Bottom -- FM004
Entries 93346


mFM102D -- South -- Bottom -- FM004
Entries 700002
D(23)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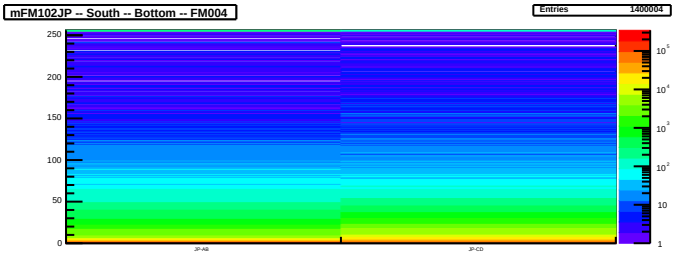
Entries 0
D(23)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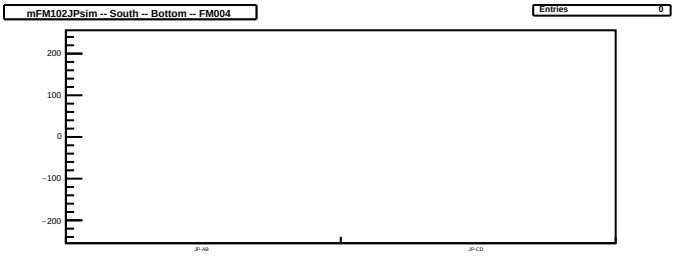
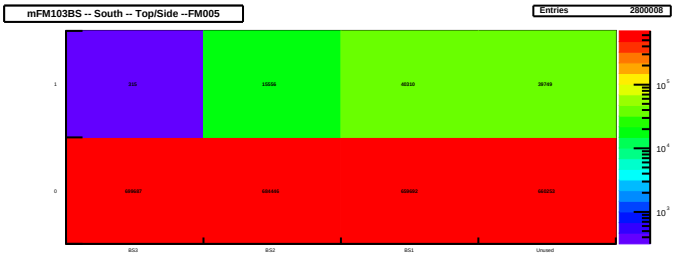
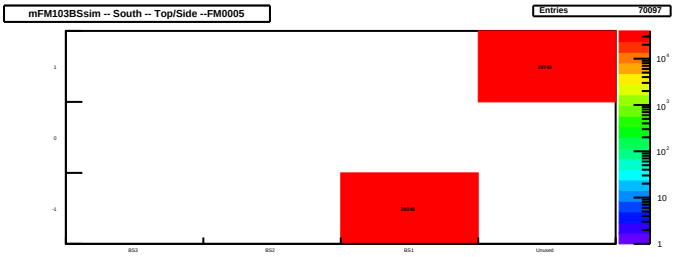
Entries 1400004


mFM102JPsim -- South -- Bottom -- FM004
Entries 0


mFM103BS -- South -- Top/Side --FM005
Entries 2800008
BS3
BS2
BS1
Unused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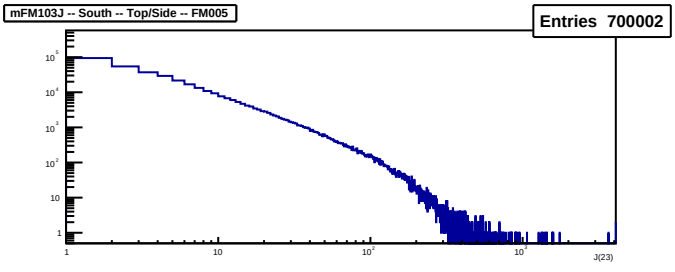
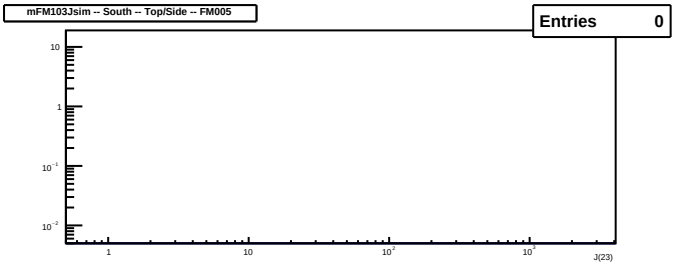
Entries 70097
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 700002
J(23)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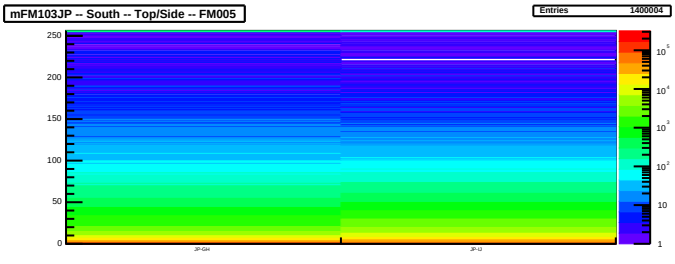
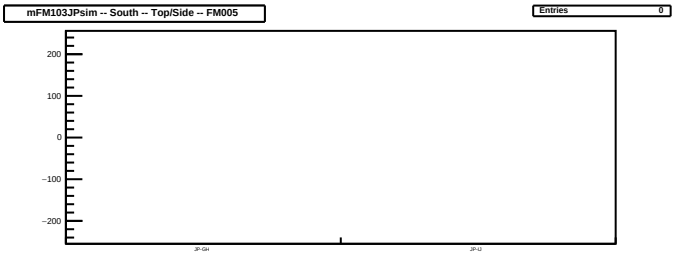
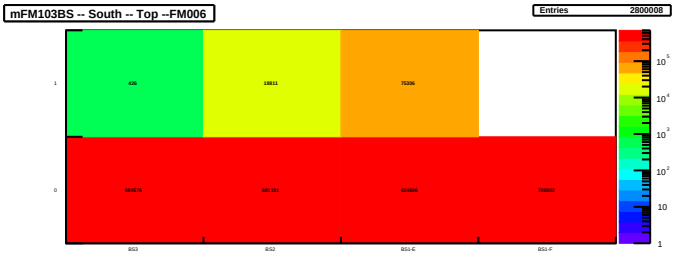
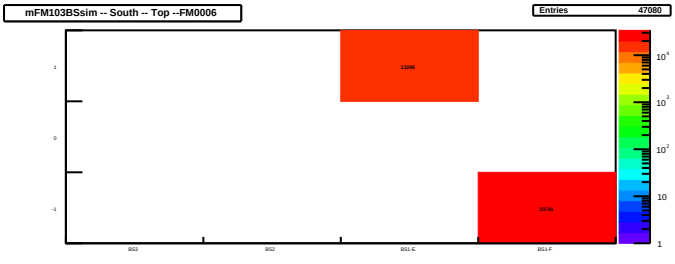
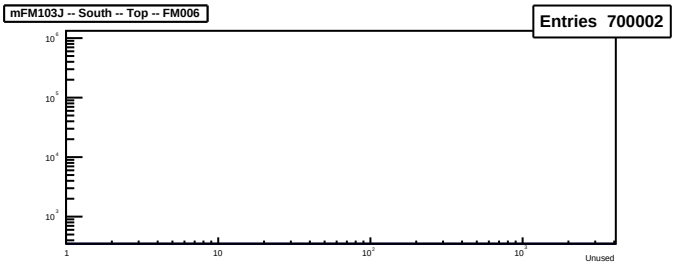
Entries 0
J(23)

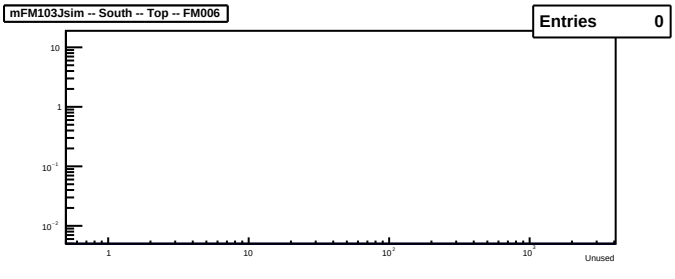

mFM103JP -- South -- Top/Side -- FM005
Entries 1400004
JP-GH
JP-IJ

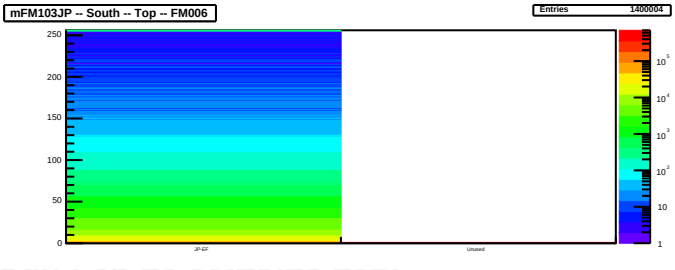

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ

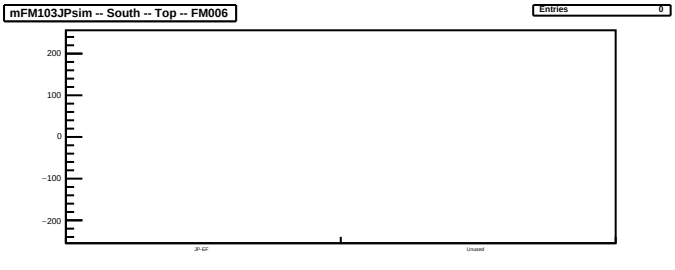

mFM103BS -- South -- Top --FM006
Entries 2800008
BS3
BS2
BS1-E
BS1-F

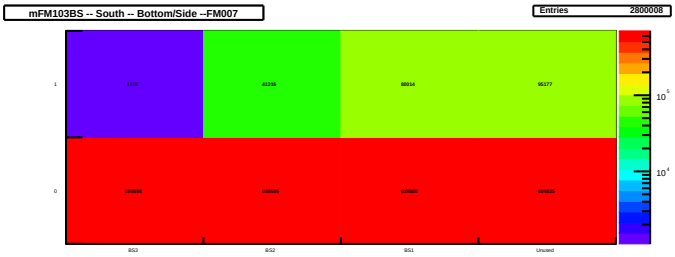

mFM103BSsim -- South -- Top --FM0006
Entries 47080
BS3
BS2
BS1-E
BS1-F

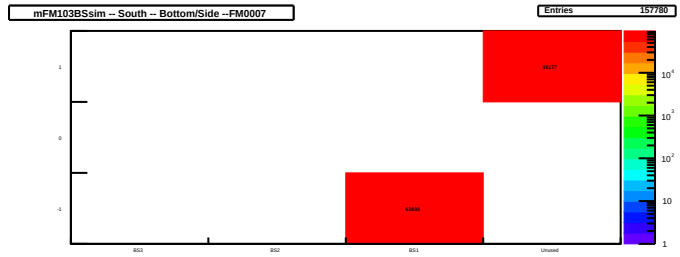

mFM103J -- South -- Top -- FM006
Entries 700002
Unused

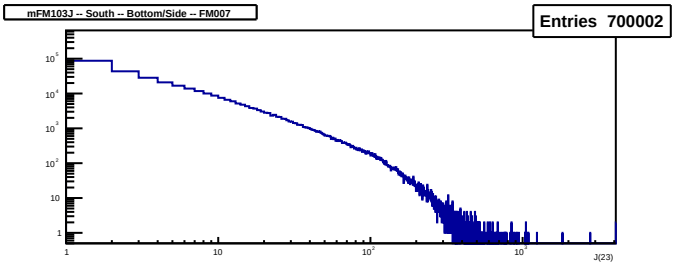

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

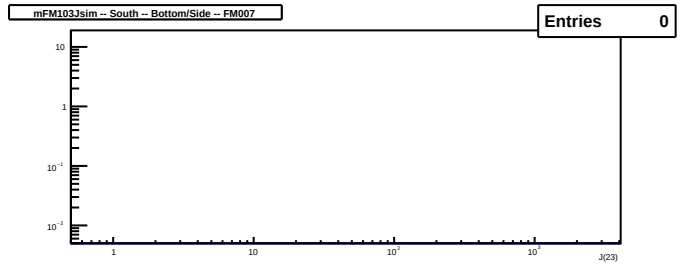

mFM103JP -- South -- Top -- FM006
Entries 1400004
JP-EF
Unused

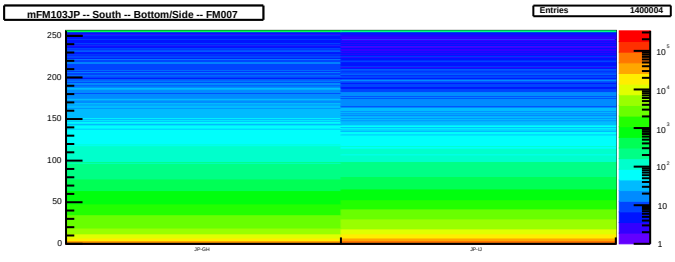

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

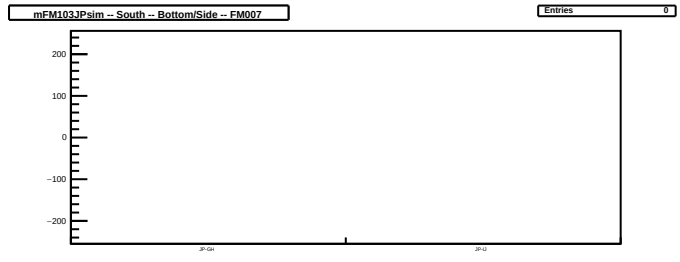

mFM103BS -- South -- Bottom/Side --FM007
Entries 2800008

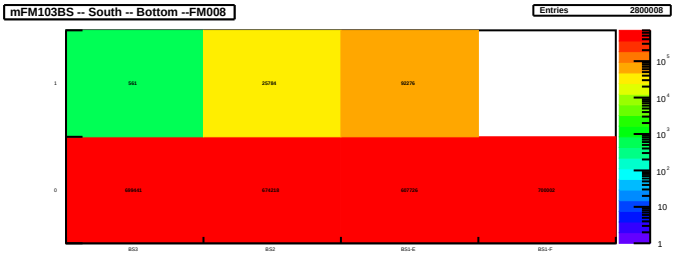

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 157780

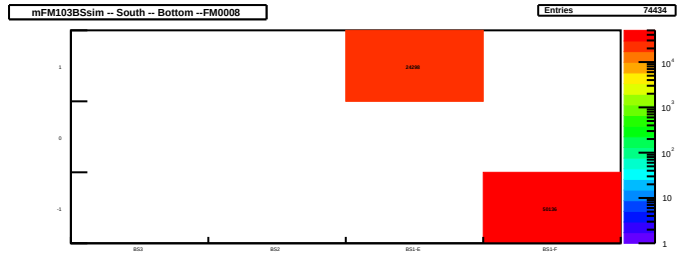

mFM103J -- South -- Bottom/Side -- FM007
Entries 700002
J(23)

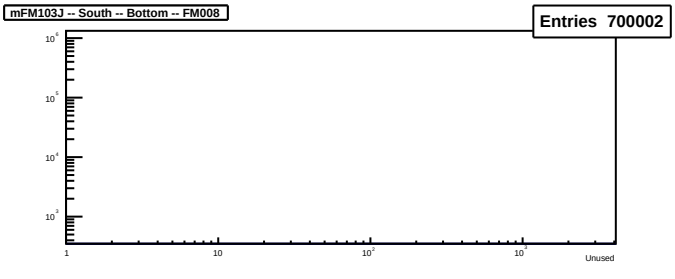

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

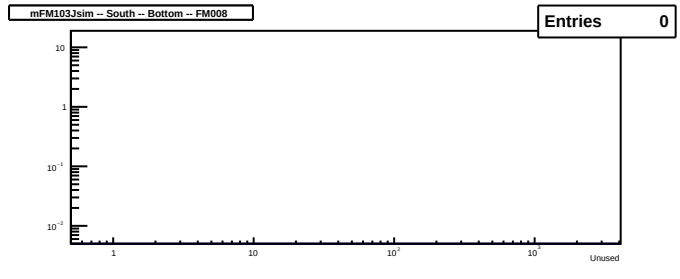

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1400004

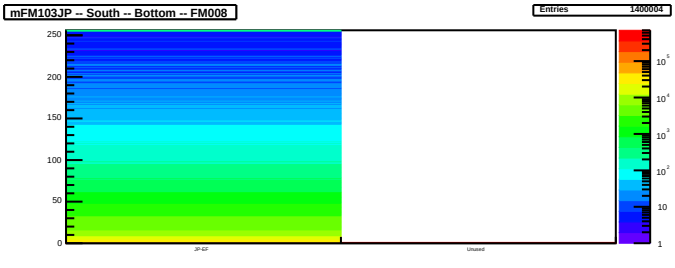

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0

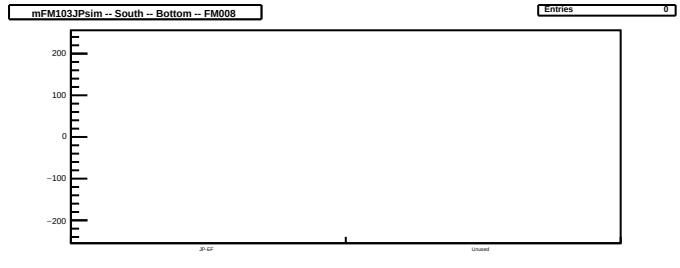

mFM103BS -- South -- Bottom --FM008
Entries 2800008

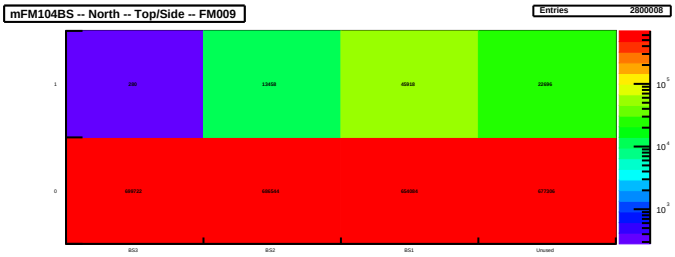

mFM103BSsim -- South -- Bottom --FM0008
Entries 74434

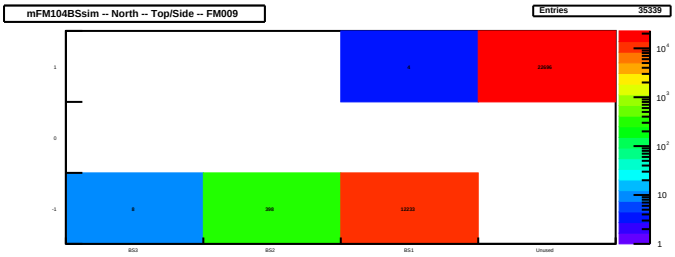

mFM103J -- South -- Bottom -- FM008
Entries 700002
Unused

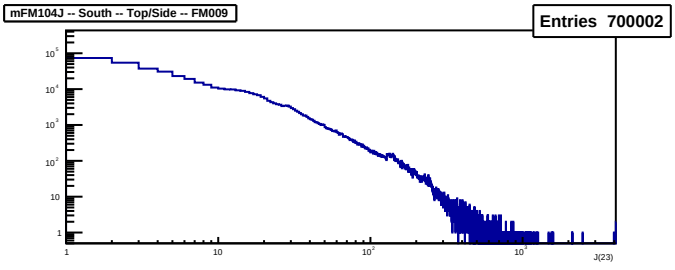

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

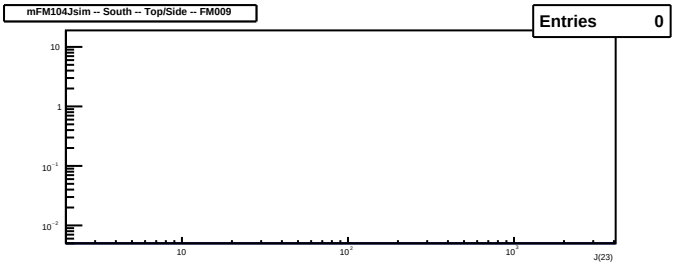

mFM103JP -- South -- Bottom -- FM008
Entries 1400004

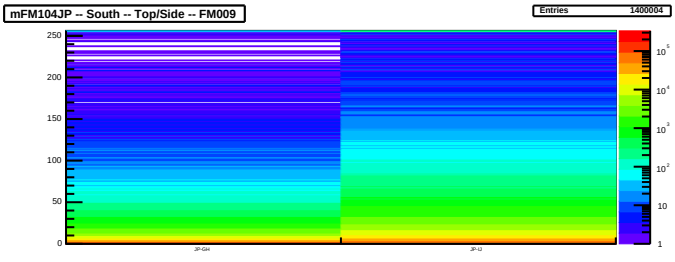

mFM103JPsim -- South -- Bottom -- FM008
Entries 0

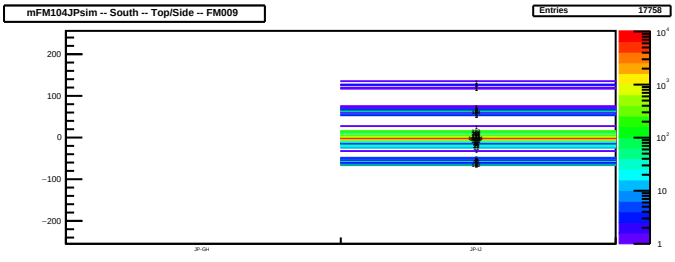

mFM104BS -- North -- Top/Side -- FM009
Entries 2800008
230
13458
45918
22694
699722
686544
654084
677206
BS3
BS2
BS1
Unused

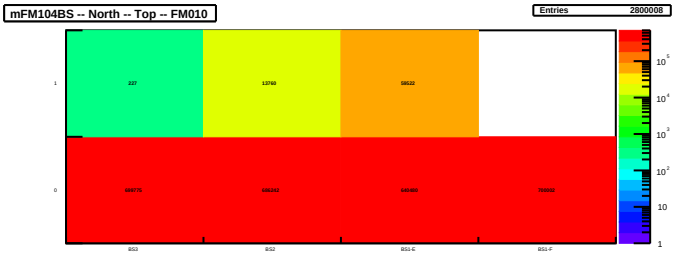

mFM104BSsim -- North -- Top/Side -- FM009
Entries 35339
4
23696
8
266
12233
BS3
BS2
BS1
Unused

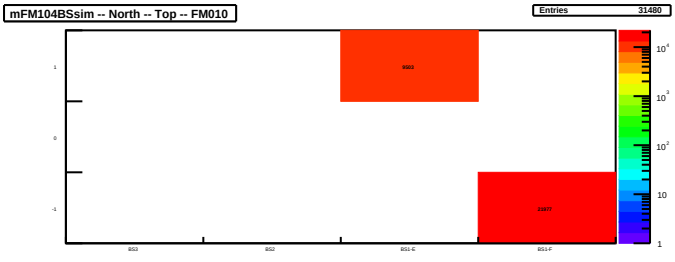

mFM104J -- South -- Top/Side -- FM009
Entries 700002
J(23)

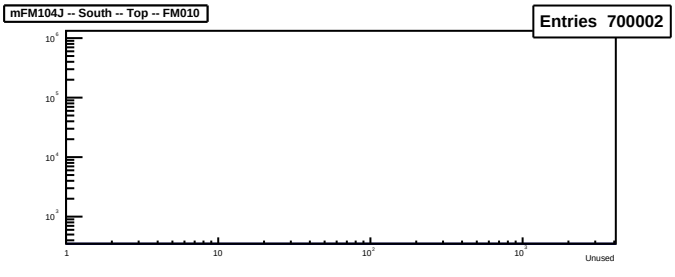

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

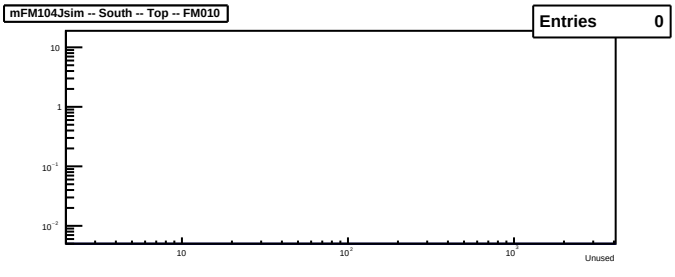

mFM104JP -- South -- Top/Side -- FM009
Entries 1400004
JP-GH
JP-IJ

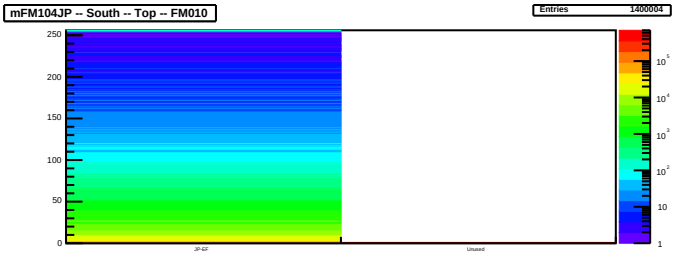

mFM104JPsim -- South -- Top/Side -- FM009
Entries 17758
JP-GH
JP-IJ

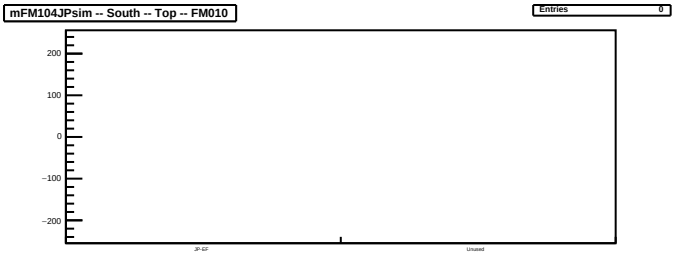

mFM104BS -- North -- Top -- FM010
Entries 2800008
227
13749
58622
699775
686242
643400
700002
BS3
BS2
BS1-E
BS1-F

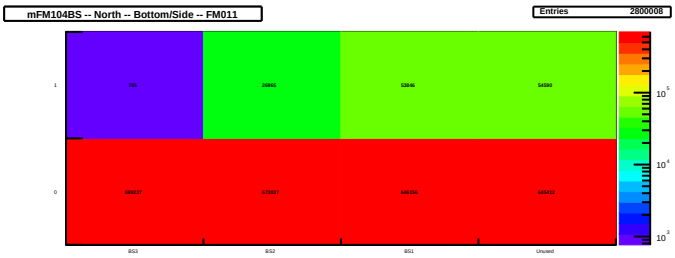

mFM104BSsim -- North -- Top -- FM010
Entries 31480
9503
21977
BS3
BS2
BS1-E
BS1-F

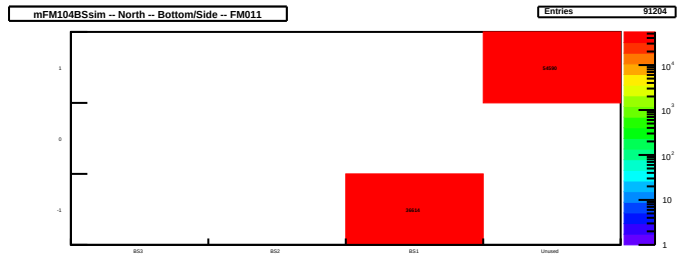

mFM104J -- South -- Top -- FM010
Entries 700002
Unused

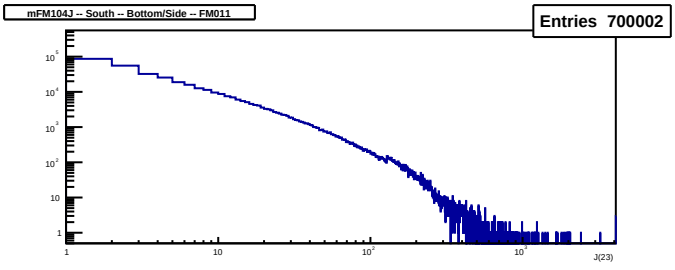

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

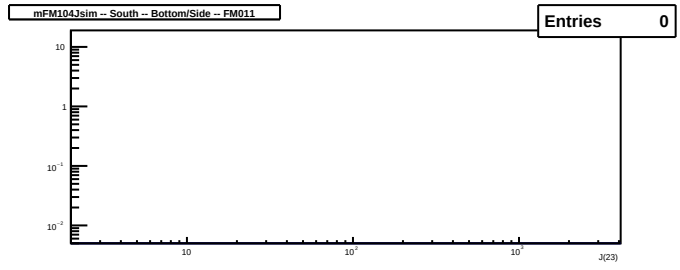

mFM104JP -- South -- Top -- FM010
Entries 1400004
JP-EF
Unused

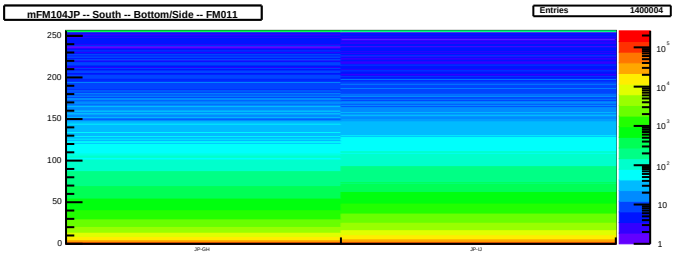

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

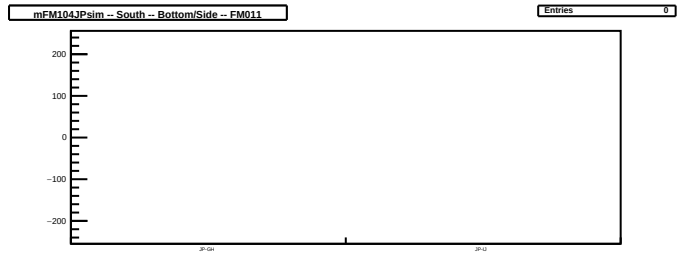

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2800008
765
350965
530146
545980
699027
677697
666156
645412
BS3
BS2
BS1
Unused

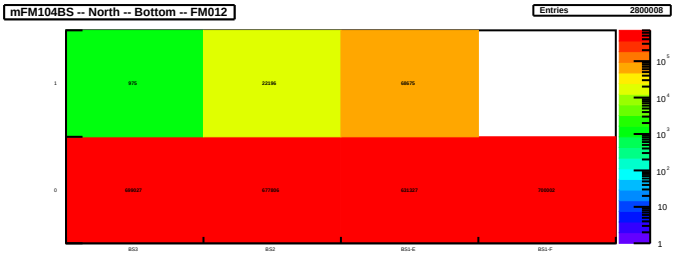

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 91204
54590
36614
BS3
BS2
BS1
Unused

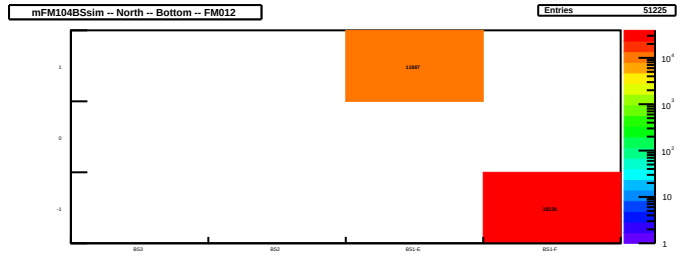

mFM104J -- South -- Bottom/Side -- FM011
Entries 700002
J(23)

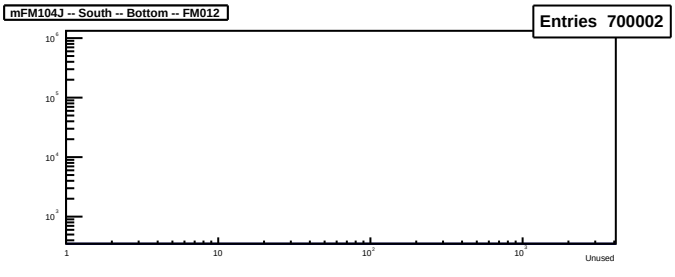

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

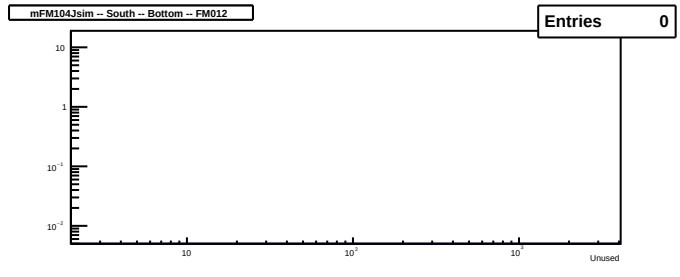

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1400004
JP-GH
JP-U

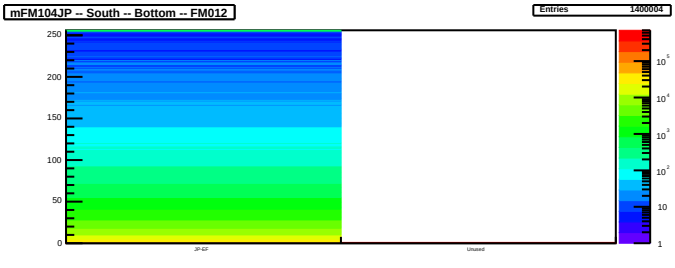

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-U

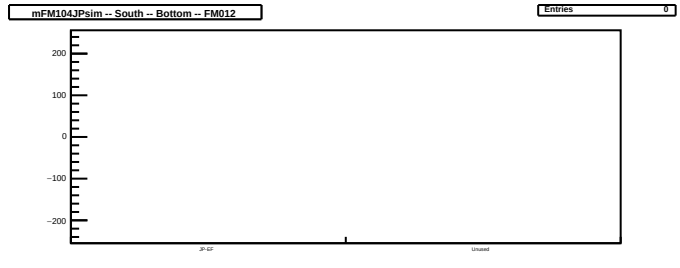

mFM104BS -- North -- Bottom -- FM012
Entries 2800008
975
22196
68675
699027
677904
631327
700002
BS3
BS2
BS1-E
BS1-F

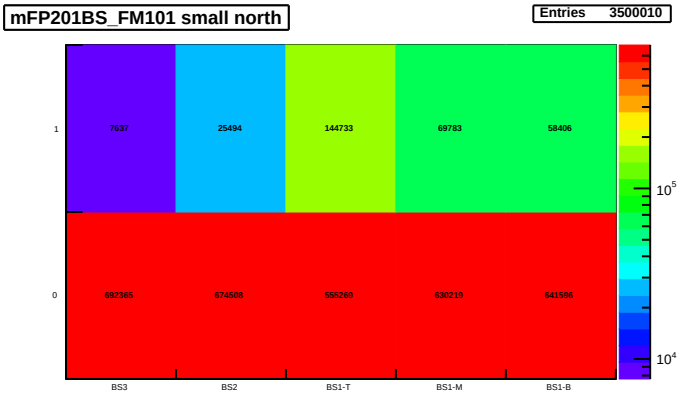

mFM104BSsim -- North -- Bottom -- FM012
Entries 51225
11987
39238
BS3
BS2
BS1-E
BS1-F

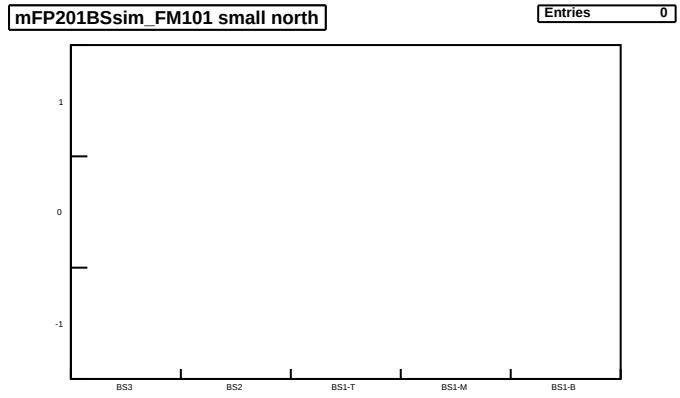

mFM104J -- South -- Bottom -- FM012
Entries 700002
Unused

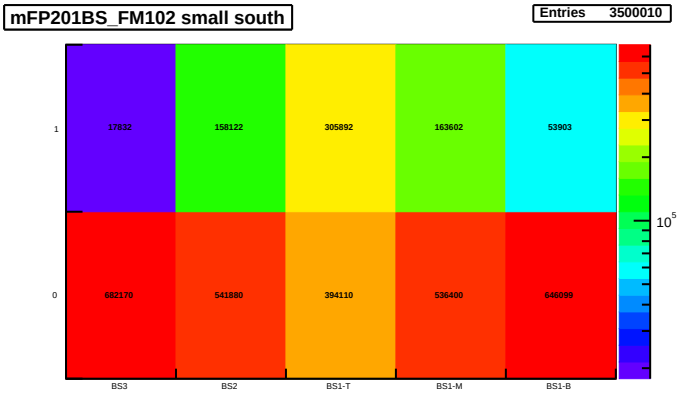

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

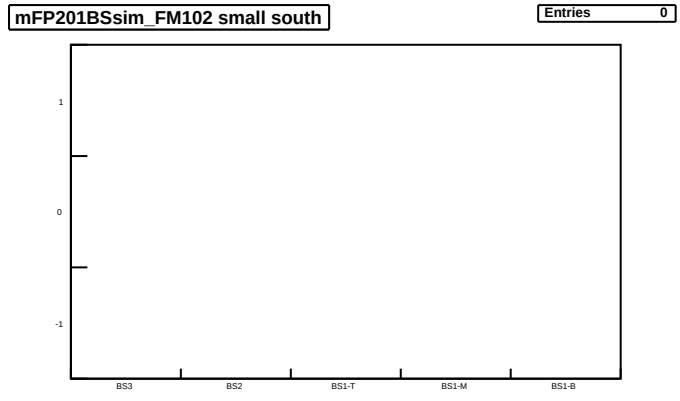

mFM104JP -- South -- Bottom -- FM012
Entries 1400004
JP-EF
Unused

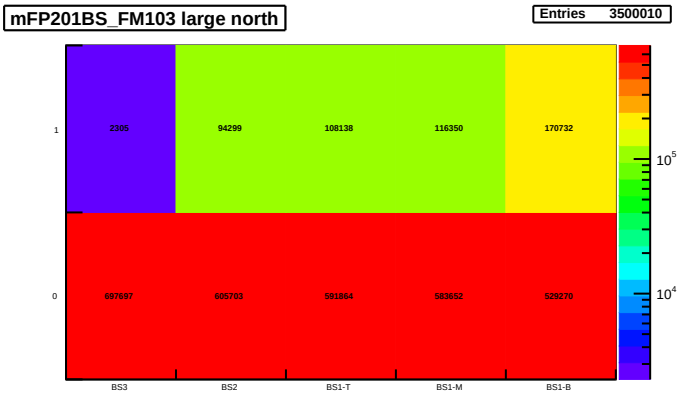

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

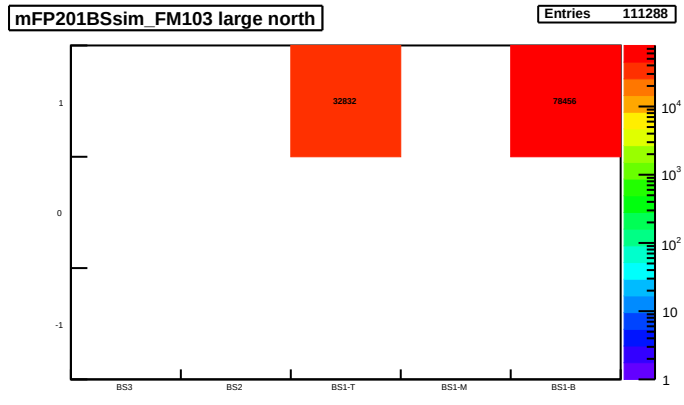

mFP201BS_FM101 small north
Entries 3500010
7637
25494
144733
69783
58406
692365
674508
555269
630219
641596
BS3
BS2
BS1-T
BS1-M
BS1-B

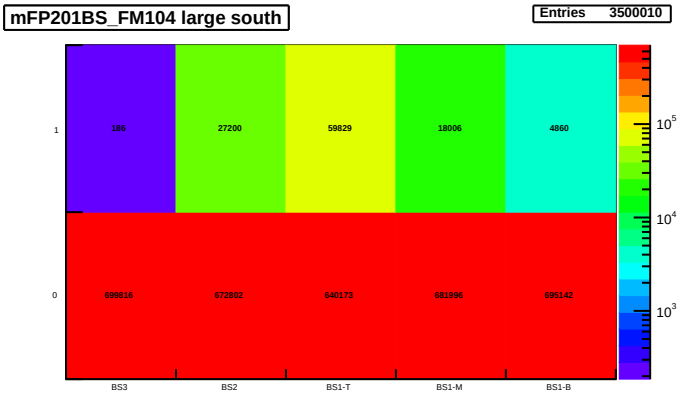

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

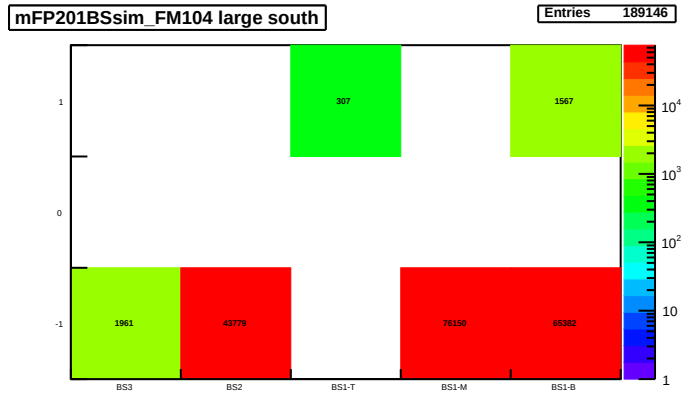

mFP201BS_FM102 small south
Entries 3500010
17832
158122
305892
163602
53903
682170
541880
394110
536400
646099
BS3
BS2
BS1-T
BS1-M
BS1-B

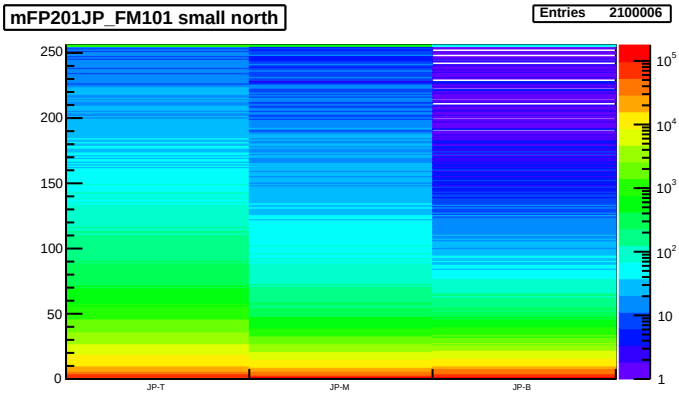

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

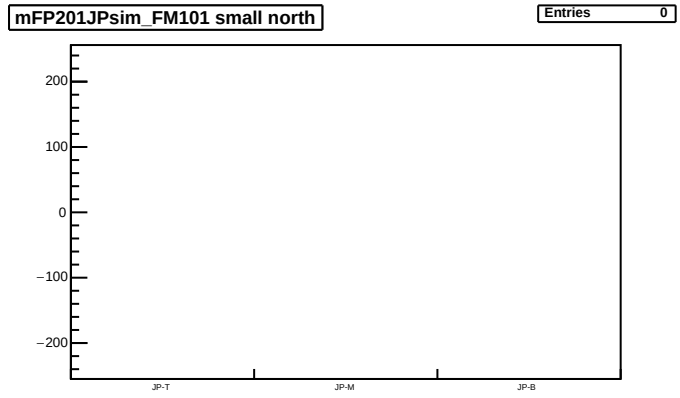

mFP201BS_FM103 large north
Entries 3500010
2305
94299
108138
116350
170732
697697
605703
591864
583652
529270
BS3
BS2
BS1-T
BS1-M
BS1-B

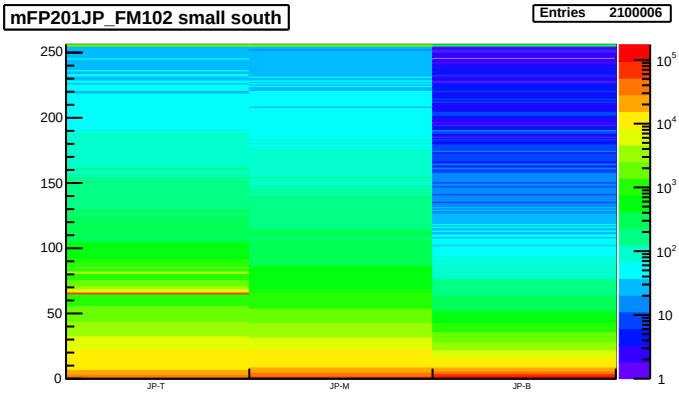

mFP201BSsim_FM103 large north
Entries 111288
32832
78456
BS3
BS2
BS1-T
BS1-M
BS1-B

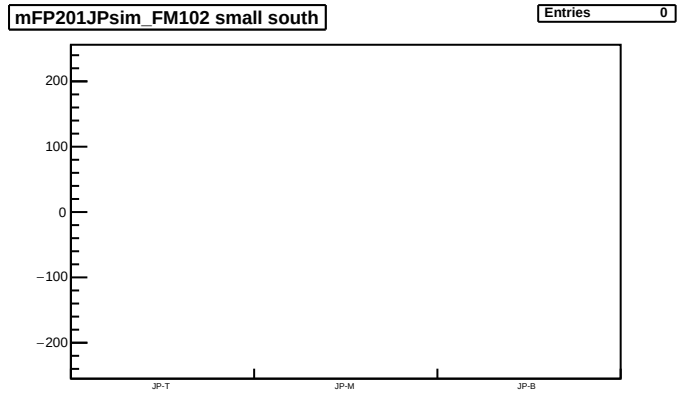

mFP201BS_FM104 large south
Entries 3500010
186
27200
59829
18006
4860
699816
672802
640173
681996
695142
BS3
BS2
BS1-T
BS1-M
BS1-B

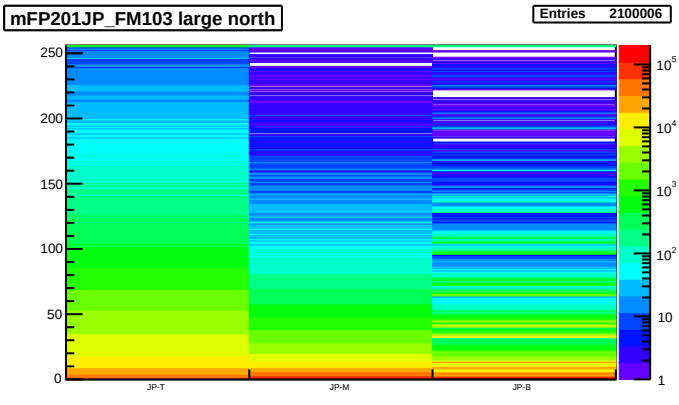

mFP201BSsim_FM104 large south
Entries 189146
307
1567
1961
43779
76150
65382
BS3
BS2
BS1-T
BS1-M
BS1-B

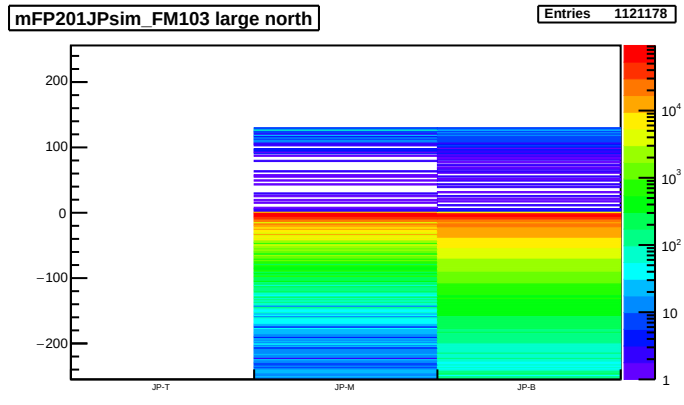

mFP201JP_FM101 small north
Entries 2100006
JP-T
JP-M
JP-B

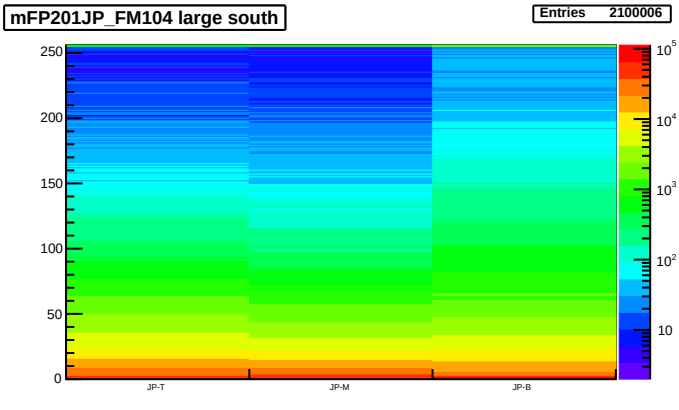

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

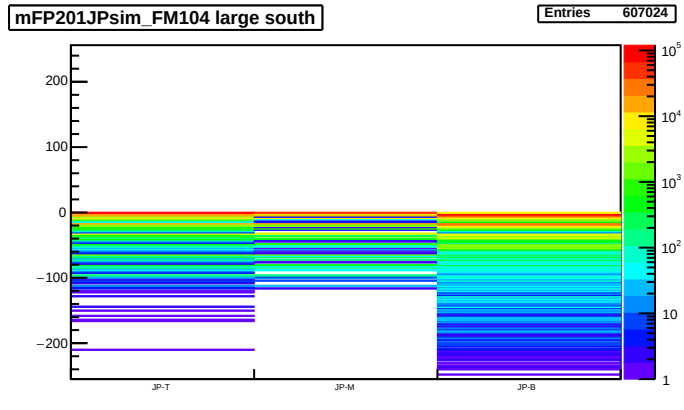

mFP201JP_FM102 small south
Entries 2100006
JP-T
JP-M
JP-B

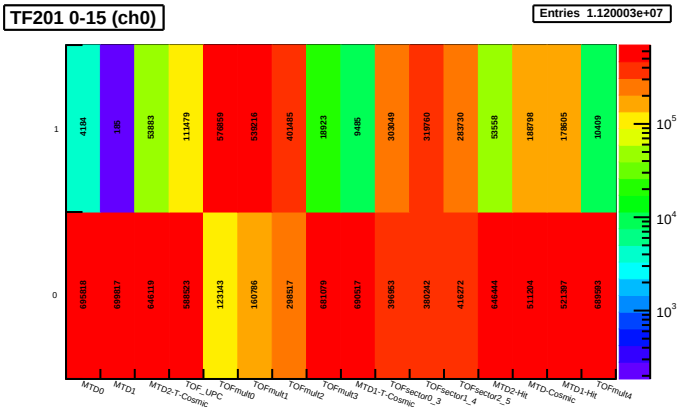

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

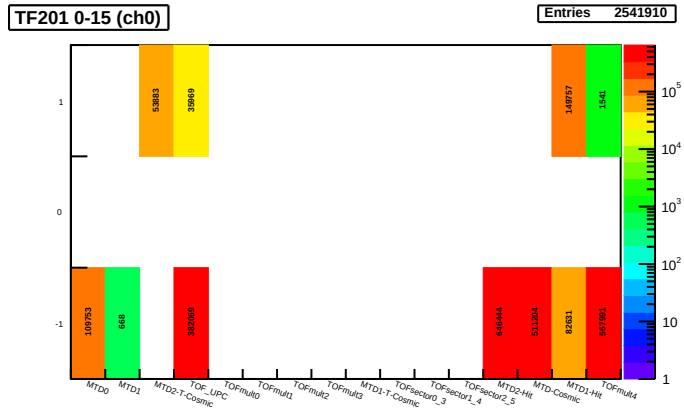

mFP201JP_FM103 large north
Entries 2100006
JP-T
JP-M
JP-B

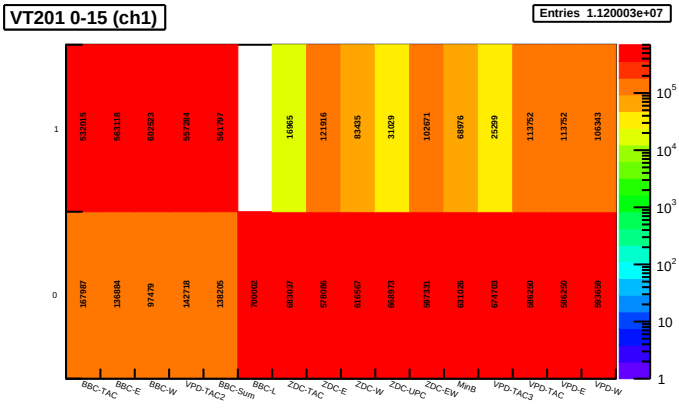

mFP201JPsim_FM103 large north
Entries 1121178
JP-T
JP-M
JP-B

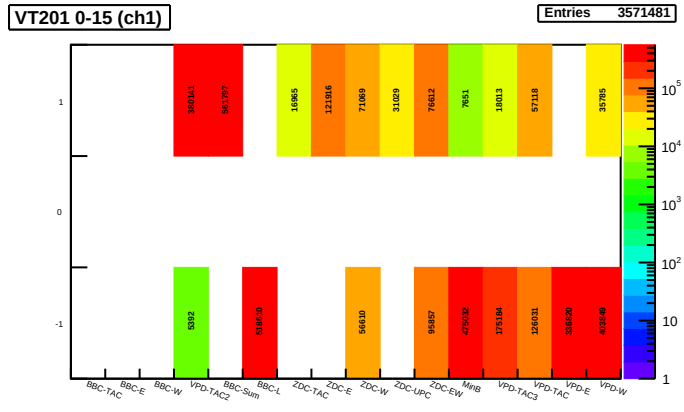

mFP201JP_FM104 large south
Entries 2100006
JP-T
JP-M
JP-B

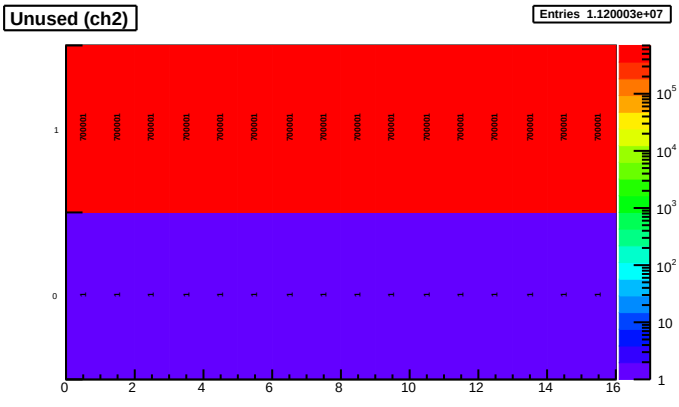

mFP201JPsim_FM104 large south
Entries 607024
JP-T
JP-M
JP-B

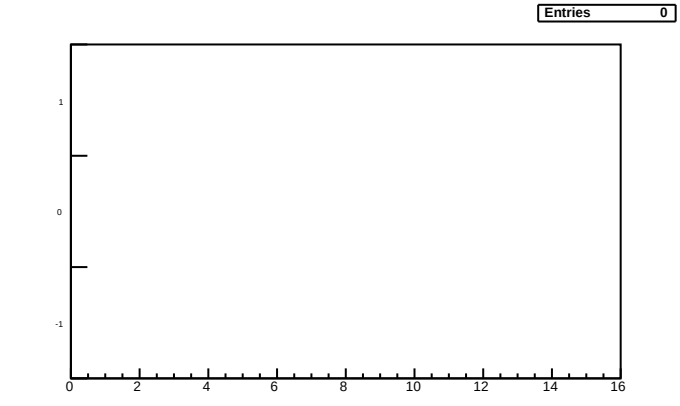

TF201 0-15 (ch0)
Entries 1.120003e+07
4194 195 53883 111479 578859 539216 401485 18923 9485 303349 319760 283730 53958 180798 178605 10409
595818 699817 646119 588523 123143 160786 238517 681079 690517 396853 380242 416272 646444 511204 521397 689593
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

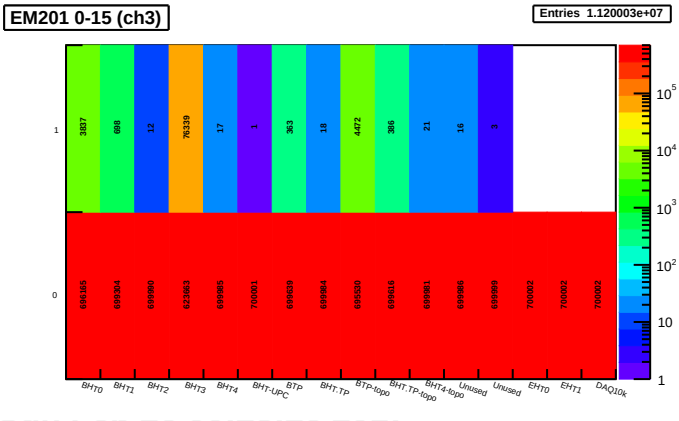

TF201 0-15 (ch0)
Entries 2541910
53883 35969 149757 1541
109753 668 382068 646444 511204 82631 567391
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

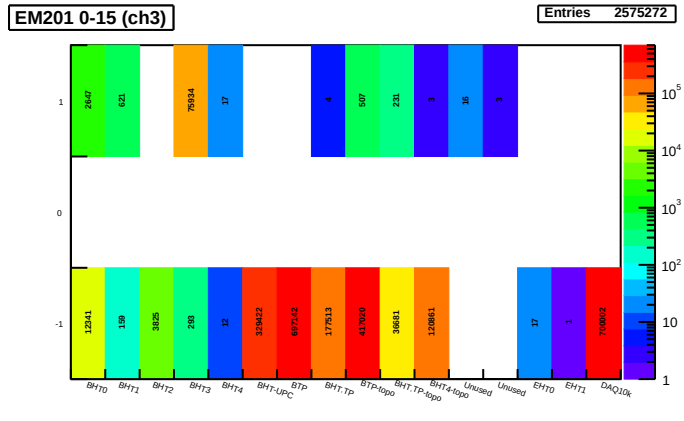

VT201 0-15 (ch1)
Entries 1.120003e+07
520015 563118 602523 557284 561397 16965 121916 83435 31029 102671 68976 25299 113752 113752 106343
187987 136894 97479 142718 139205 700002 603037 578086 616567 668973 597331 631035 674703 586250 586250 593659
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W


VT201 0-15 (ch1)
Entries 3571481
380141 561397 16965 121916 71069 31029 76612 7651 19013 57118 35785
5992 518610 56610 95857 475032 175194 126031 336820 403849
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

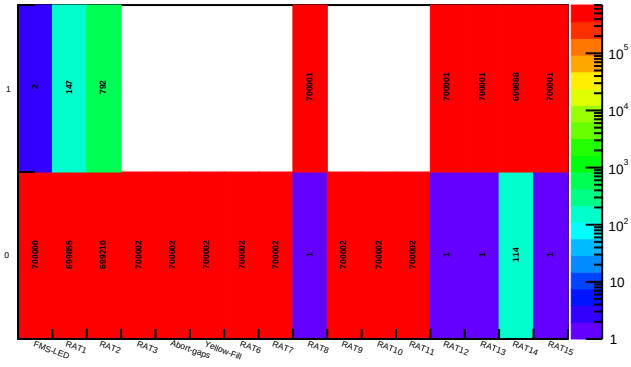

Unused (ch2)
Entries 1.120003e+07
700001 700001 700001 700001 700001 700001 700001 700001 700001 700001 700001 700001 700001 700001 700001 700001
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

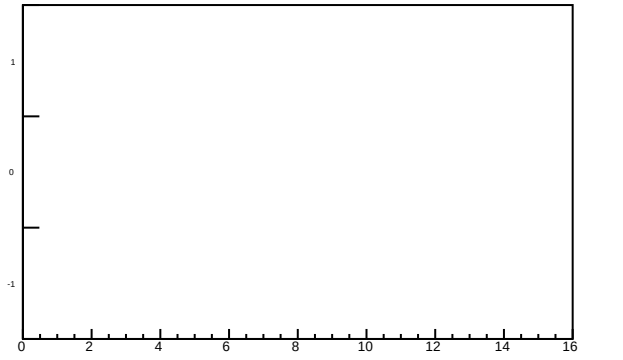

Entries 0


EM201 0-15 (ch3)
Entries 1.120003e+07
3827 698 12 76339 17 1 363 18 4472 306 21 16 3
696165 699304 699980 623663 699985 700001 699939 699984 699530 699916 699981 699986 699999 700002 700002 700002
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

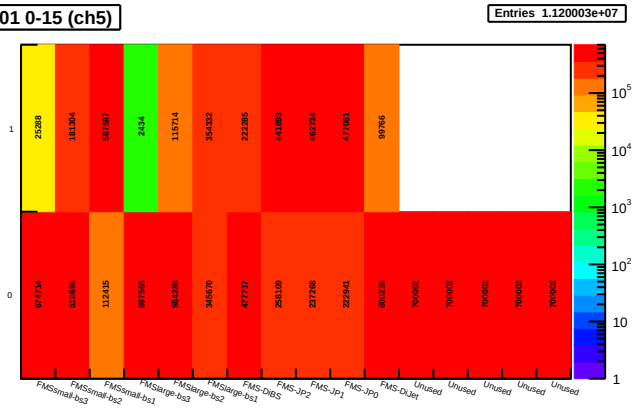

EM201 0-15 (ch3)
Entries 2575272
2647 621 75934 17 4 507 231 3 16 3
12341 159 3825 293 12 329422 697142 177513 417020 36681 120961 17 1 700002
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

RAT board (ch4)





FP201 0-15 (ch5)



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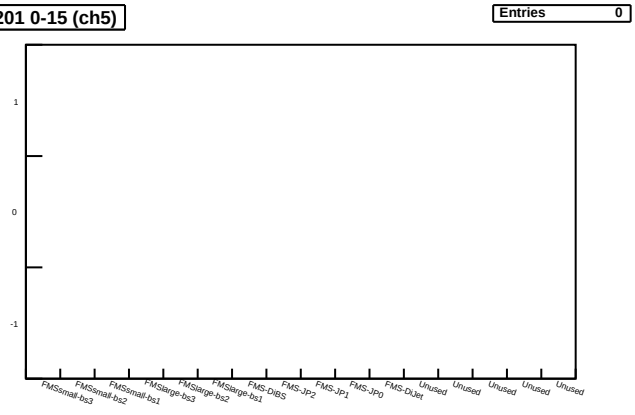
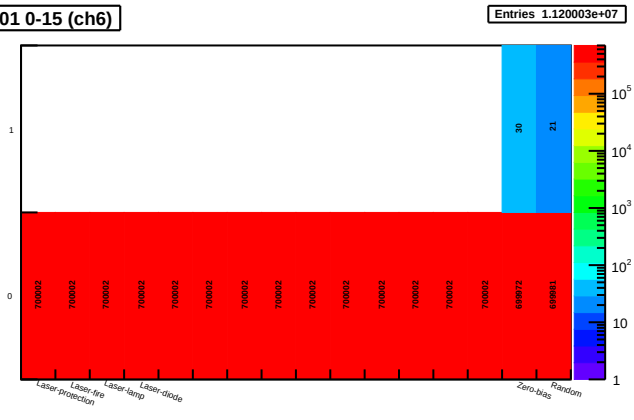
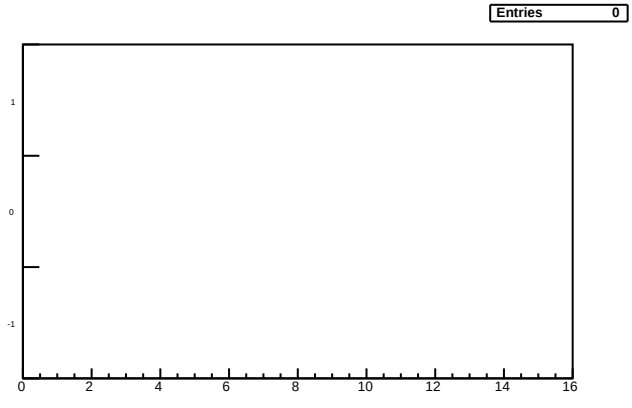
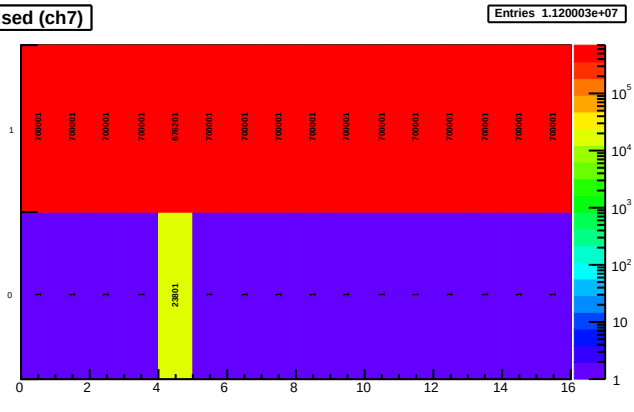
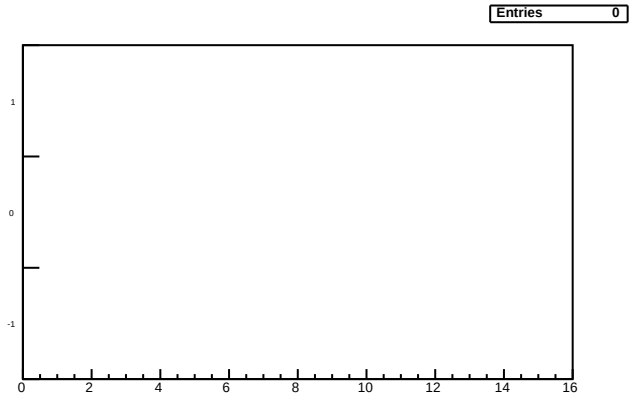


ST201 0-15 (ch6)





Unused (ch7)