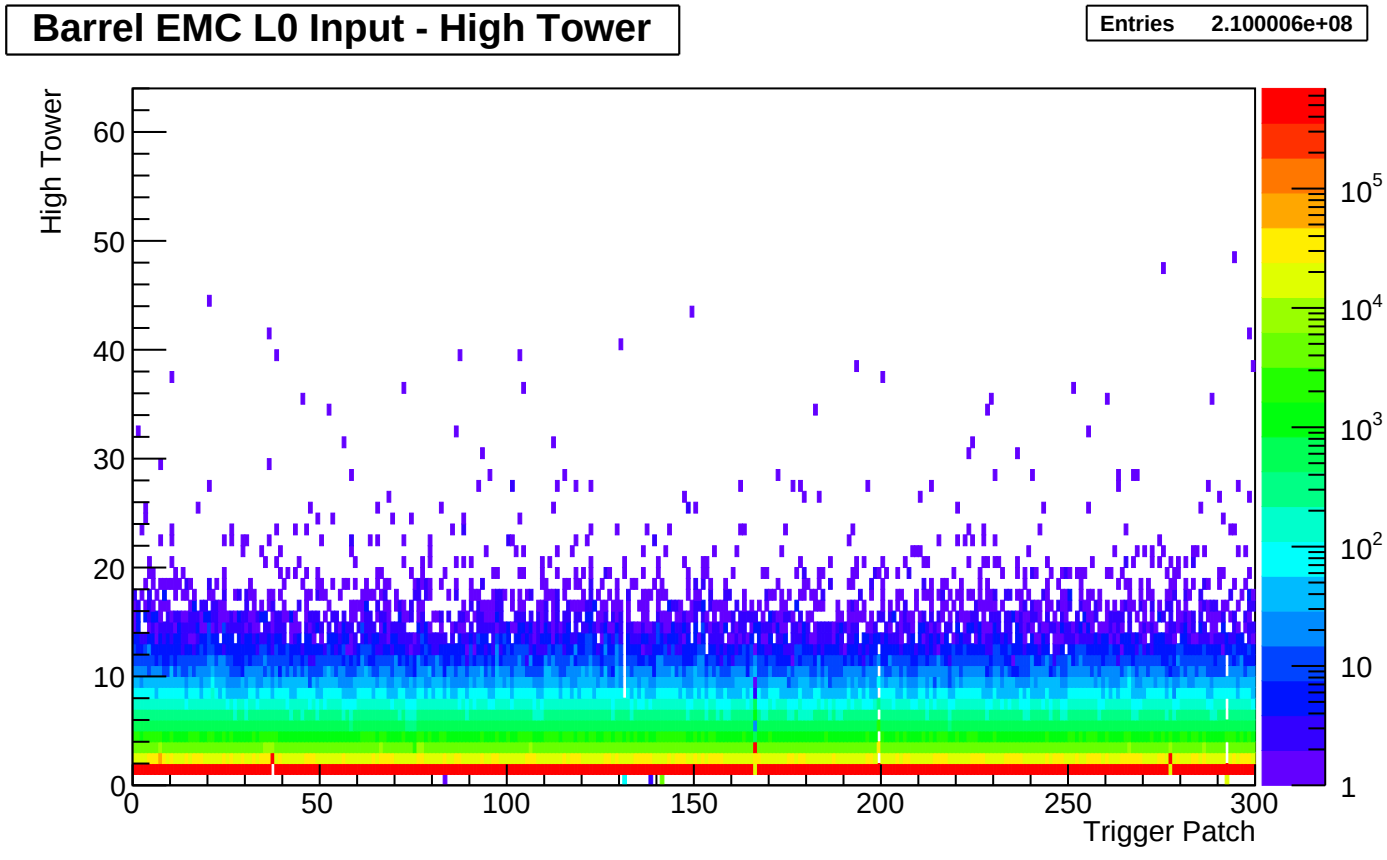
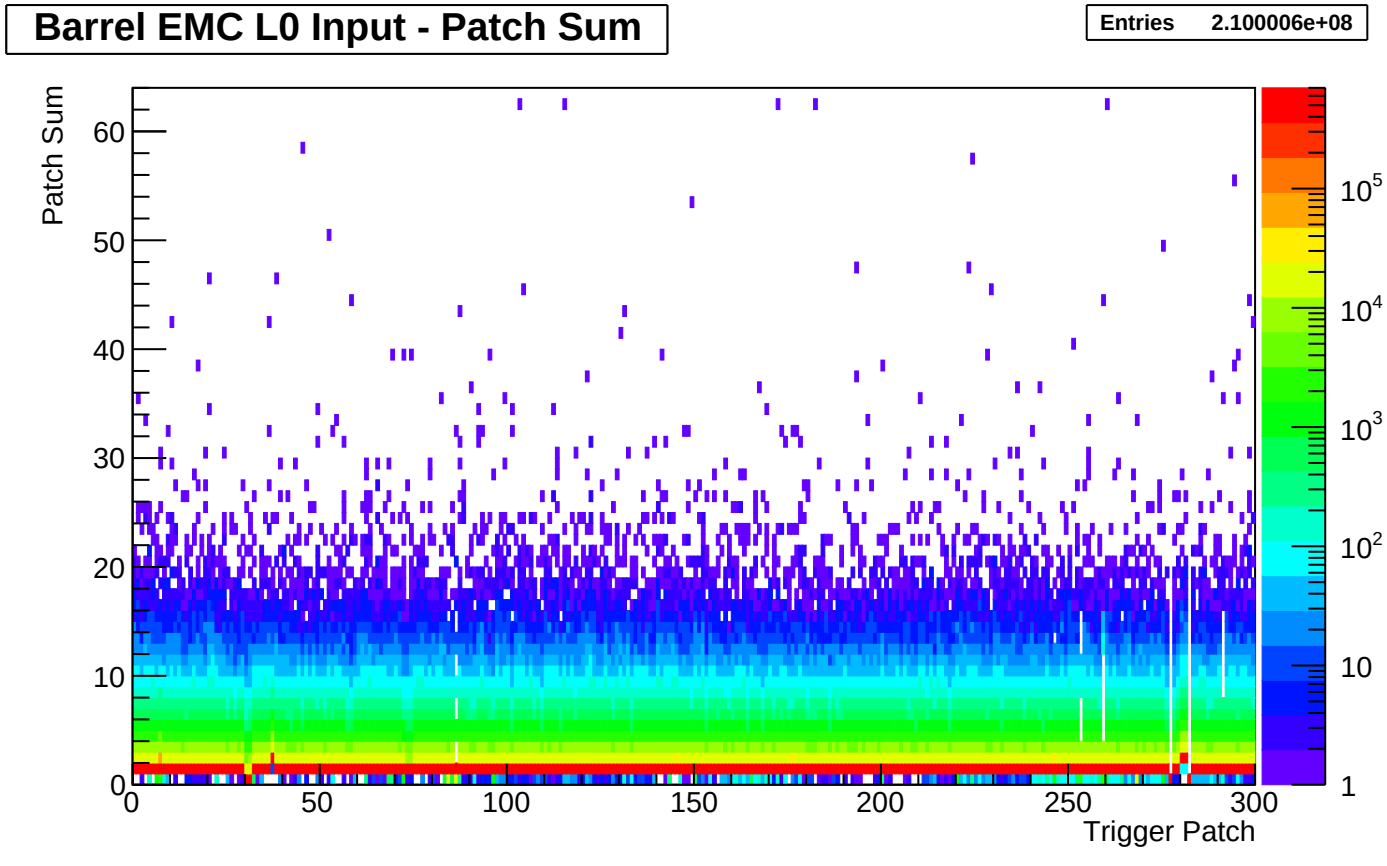
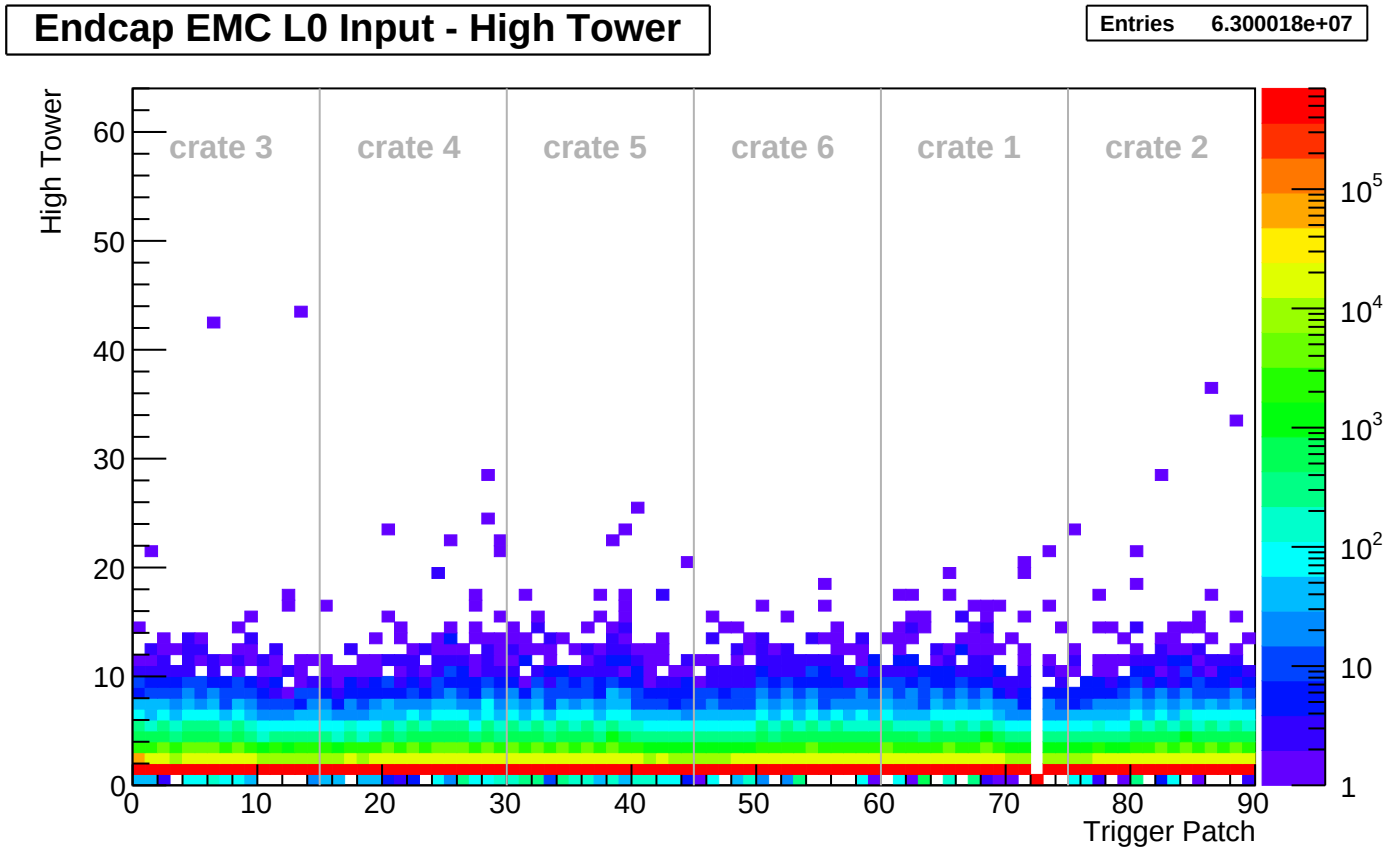
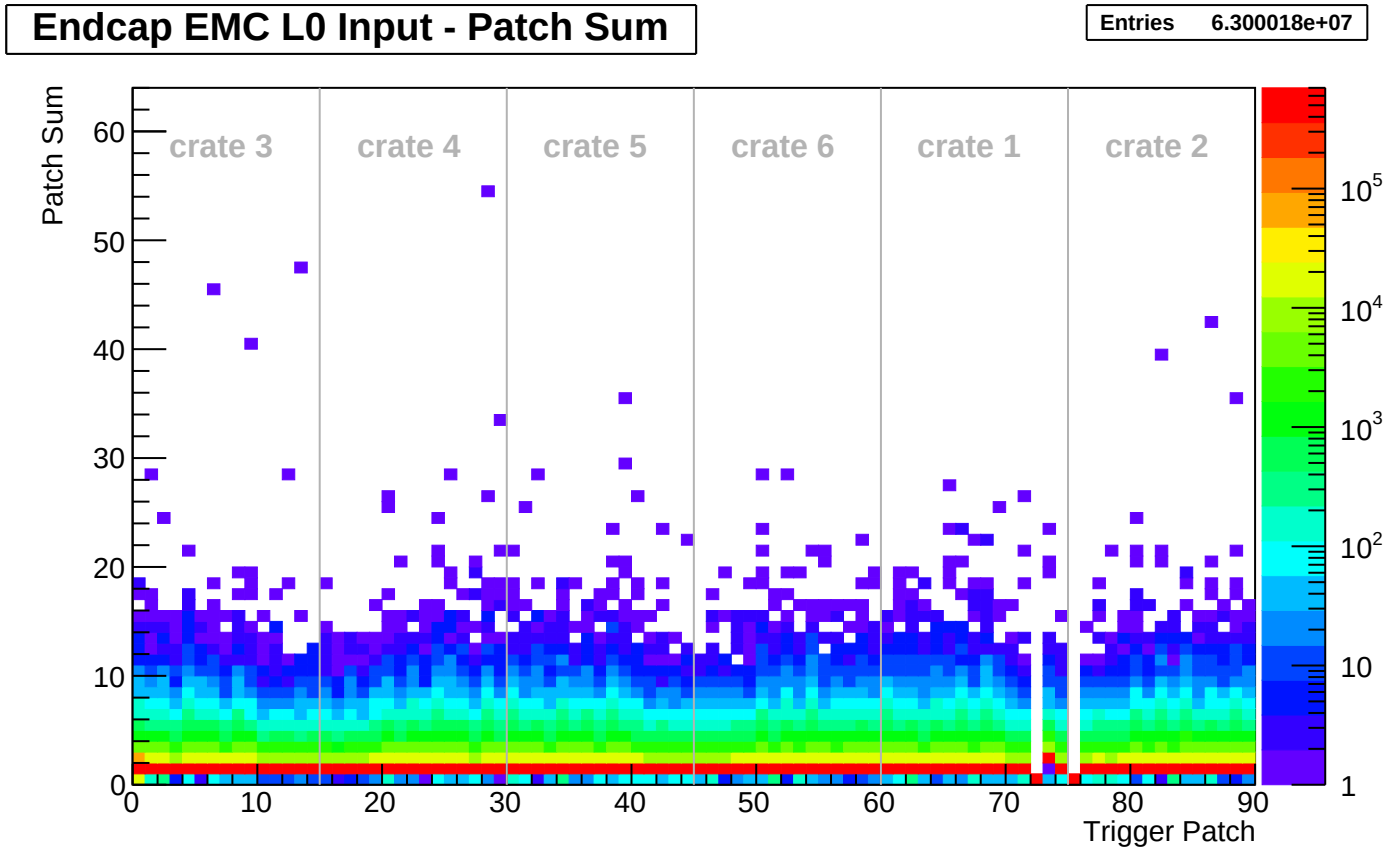
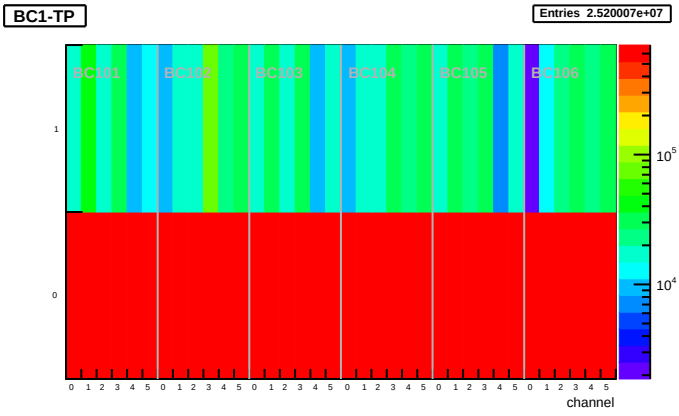
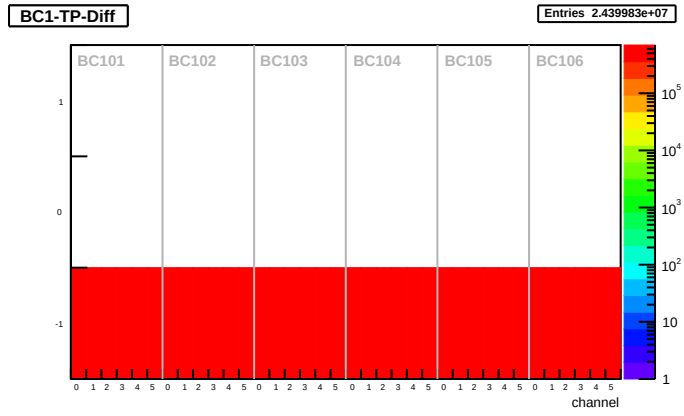

Barrel EMC L0 Input - High Tower
Entries 2.100006e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

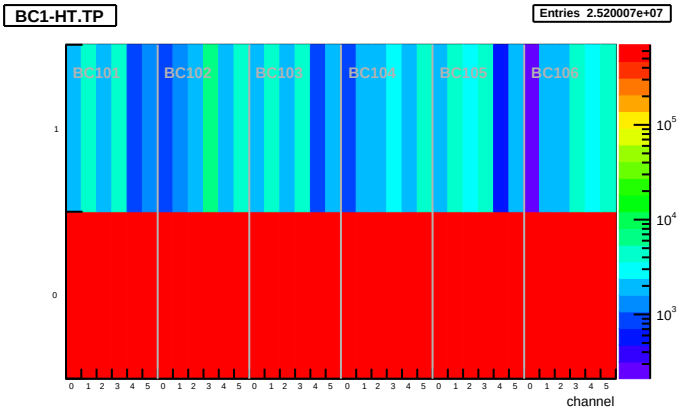

Barrel EMC L0 Input - Patch Sum
Entries 2.100006e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

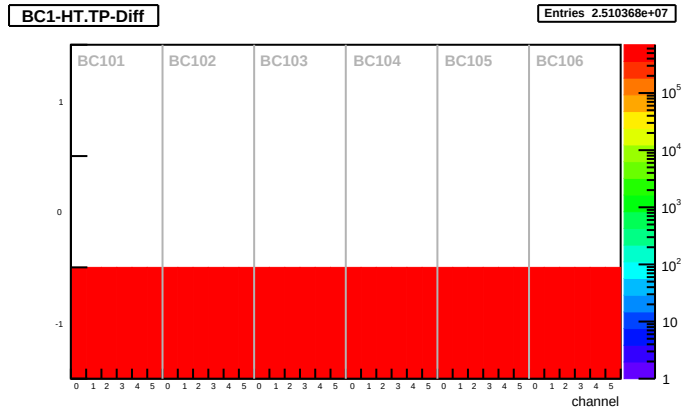

Endcap EMC L0 Input - High Tower
Entries 6.300018e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

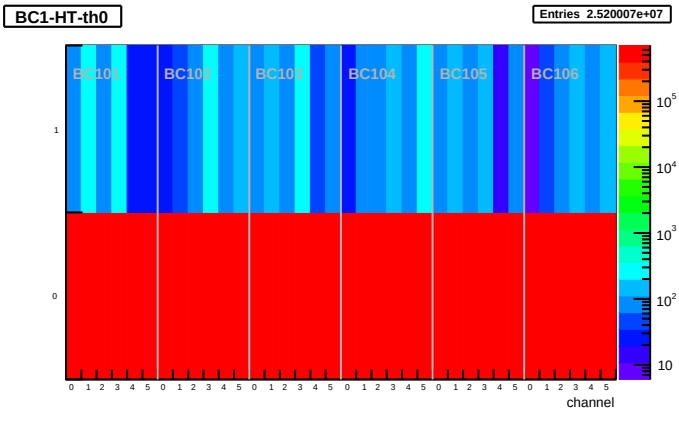

Endcap EMC L0 Input - Patch Sum
Entries 6.300018e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

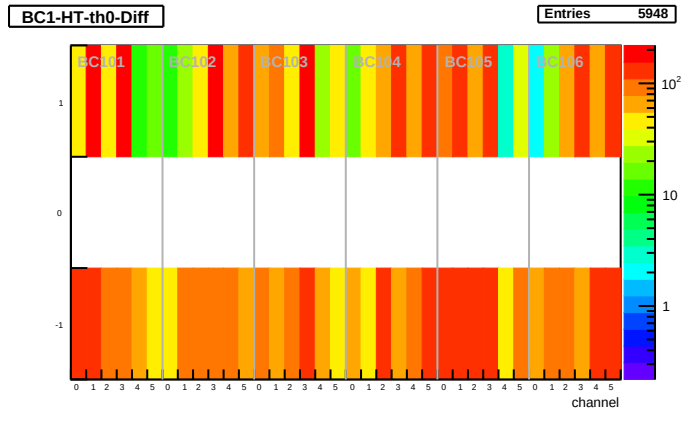

BC1-TP
Entries 2.520007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

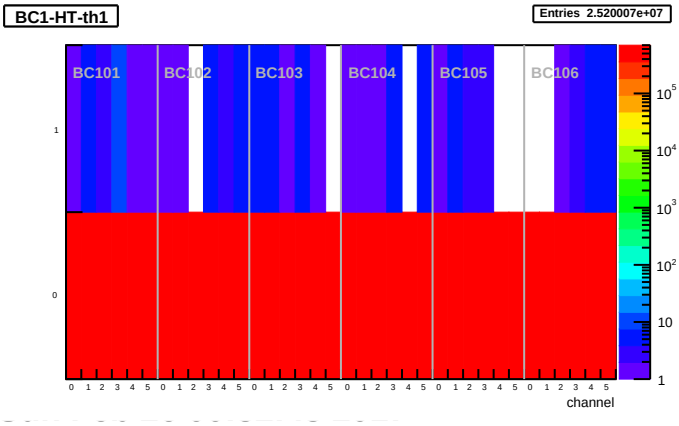

BC1-TP-Diff
Entries 2.439983e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

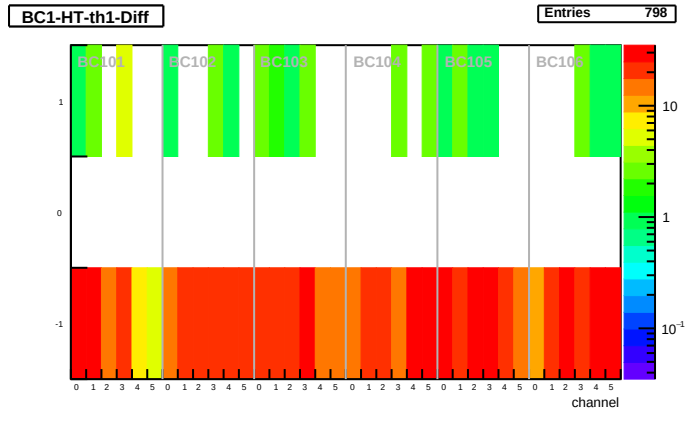

BC1-HT.TP
Entries 2.520007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

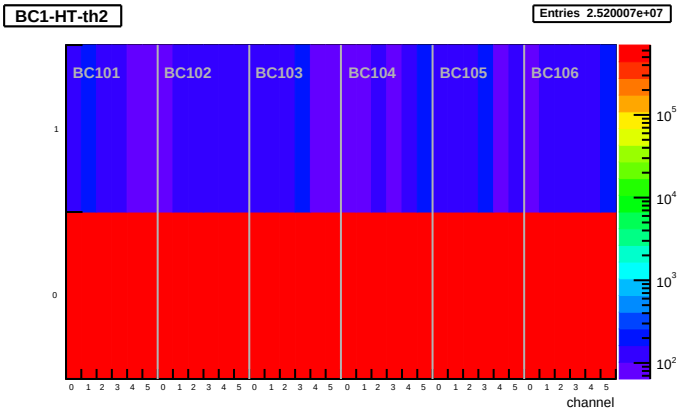

BC1-HT.TP-Diff
Entries 2.510368e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

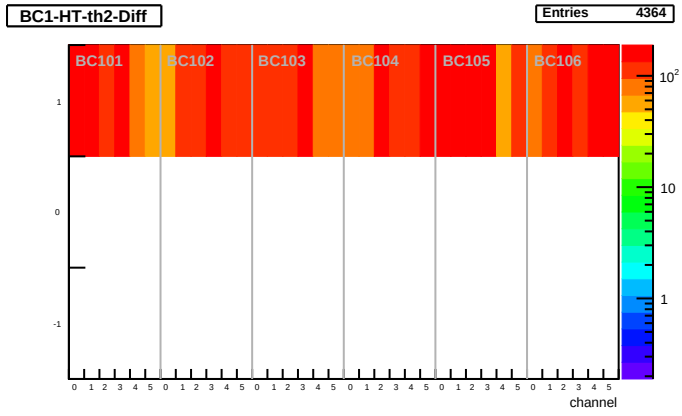

BC1-HT-th0
Entries 2.520007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

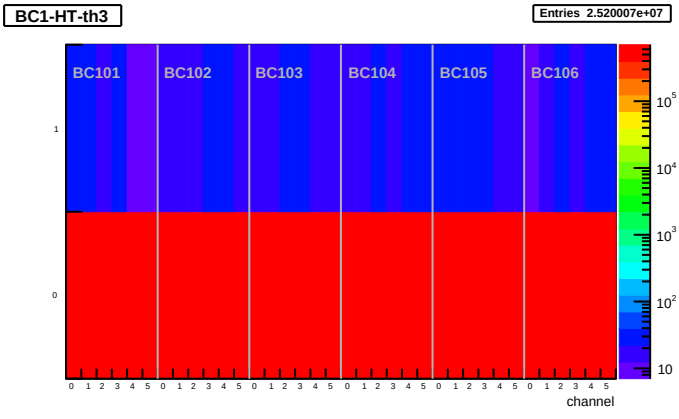

BC1-HT-th0-Diff
Entries 5948
BC101
BC102
BC103
BC104
BC105
BC106
channel

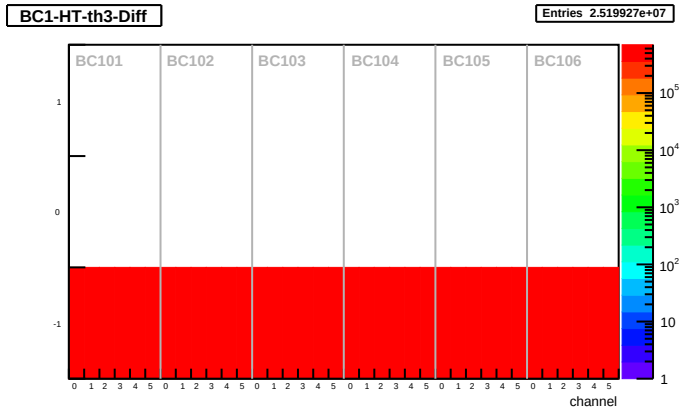

BC1-HT-th1
Entries 2.520007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

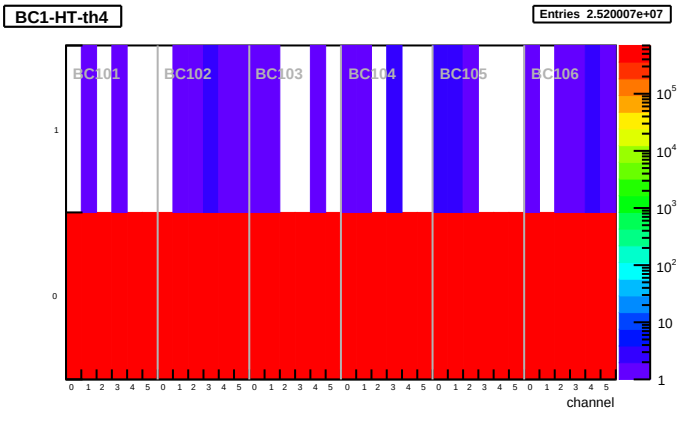

BC1-HT-th1-Diff
Entries 798
BC101
BC102
BC103
BC104
BC105
BC106
channel

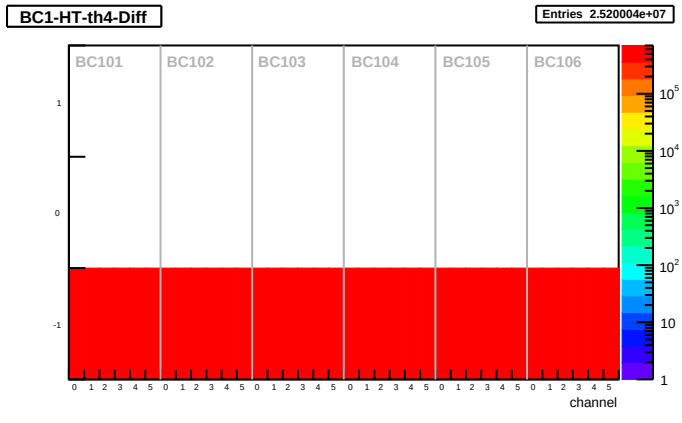

BC1-HT-th2
Entries 2.520007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

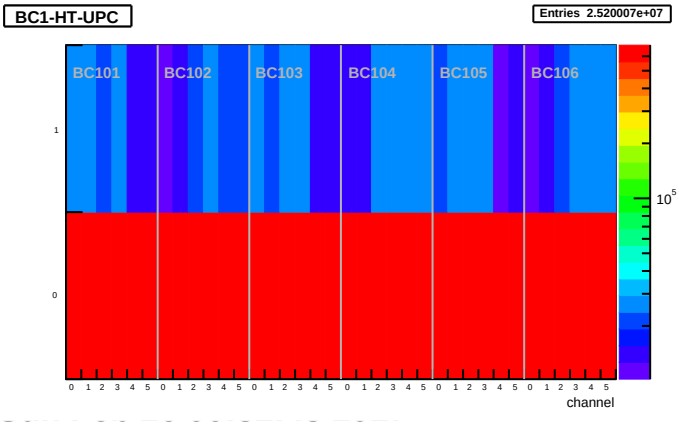

BC1-HT-th2-Diff
Entries 4364
BC101
BC102
BC103
BC104
BC105
BC106
channel

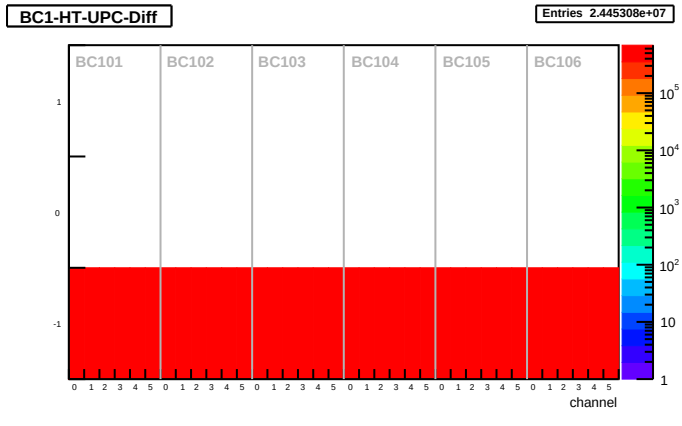

BC1-HT-th3
Entries 2.520007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

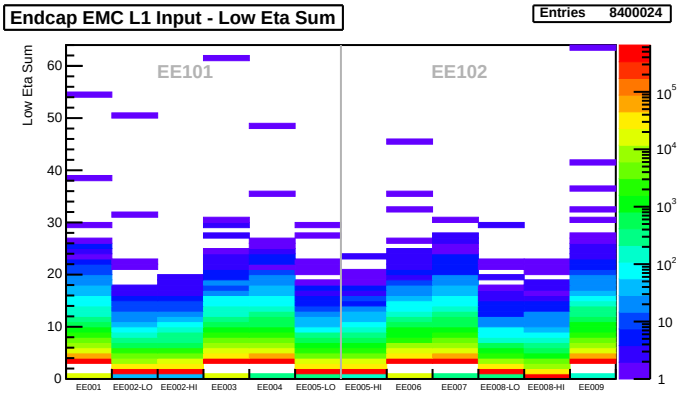

BC1-HT-th3-Diff
Entries 2.519927e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

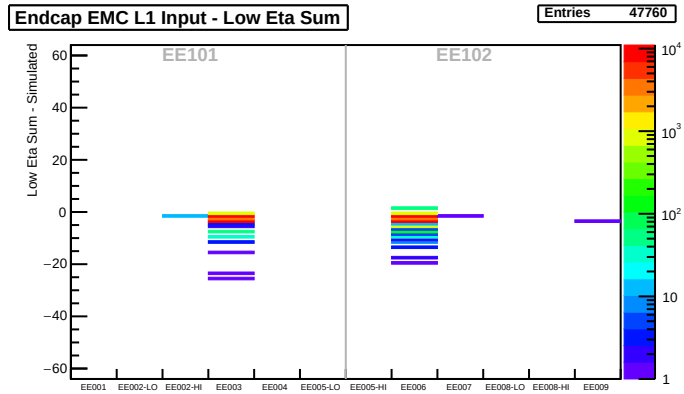

BC1-HT-th4
Entries 2.520007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

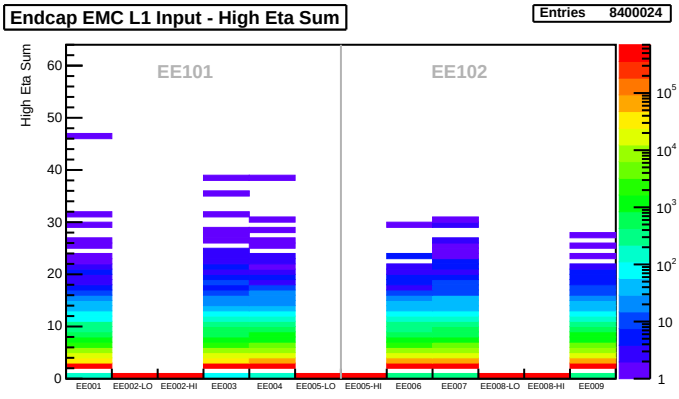

BC1-HT-th4-Diff
Entries 2.520004e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

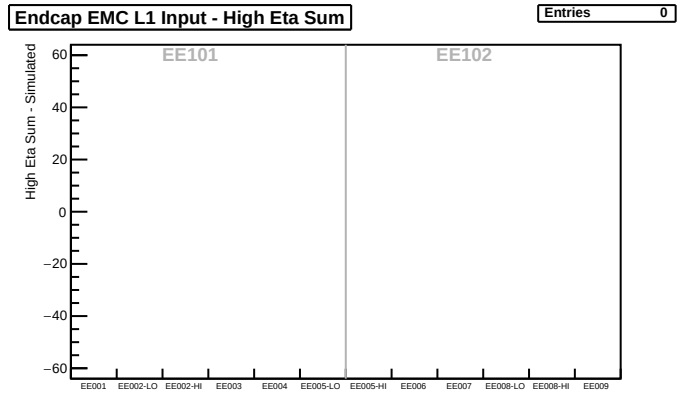

BC1-HT-UPC
Entries 2.520007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

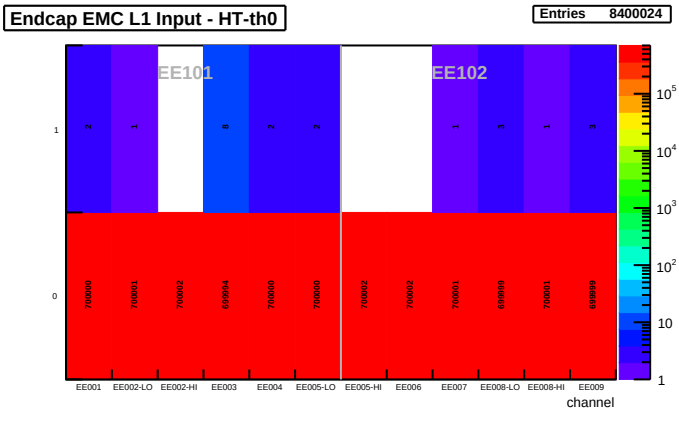

BC1-HT-UPC-Diff
Entries 2.445308e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

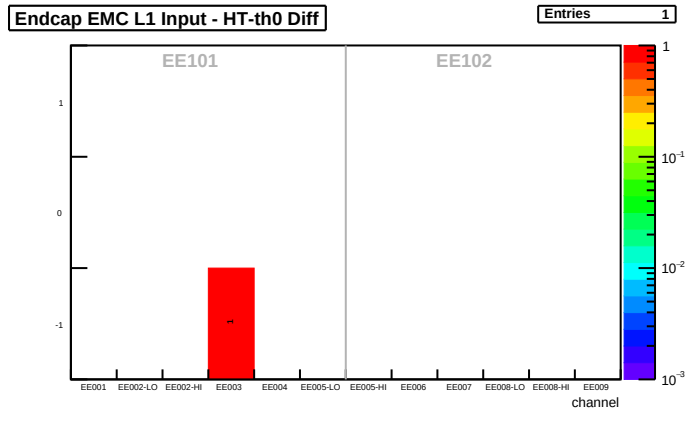

Endcap EMC L1 Input - Low Eta Sum
Entries 8400024
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

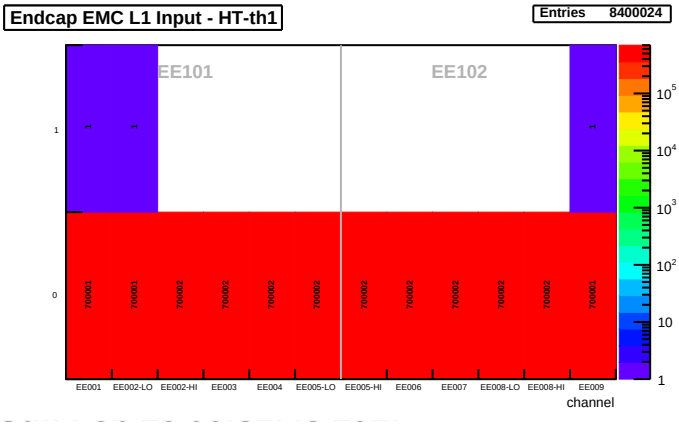

Endcap EMC L1 Input - Low Eta Sum
Entries 47760
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

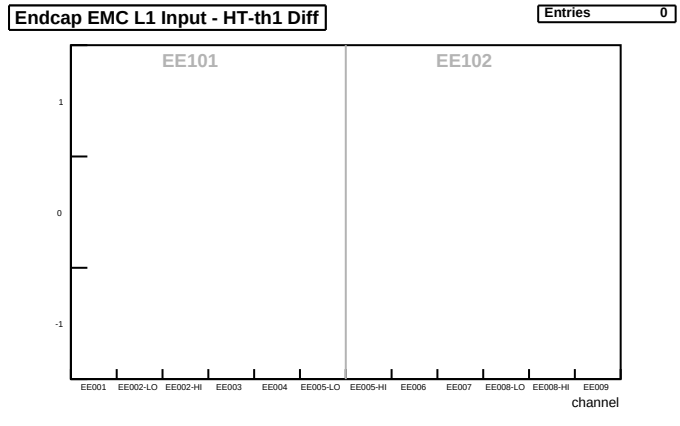

Endcap EMC L1 Input - High Eta Sum
Entries 8400024
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

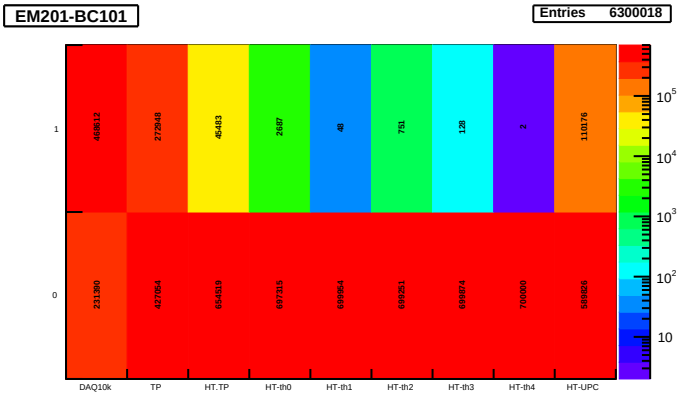

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

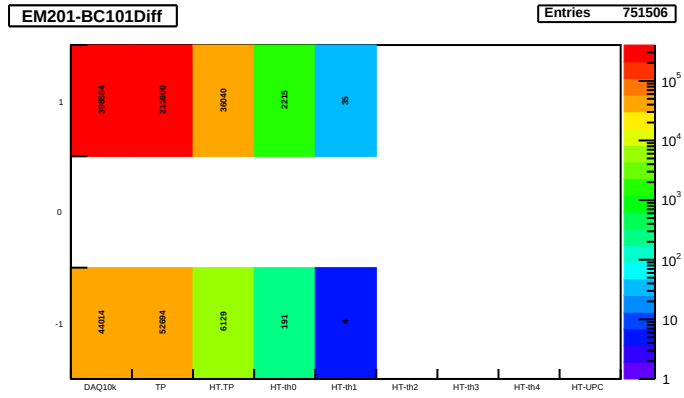

Endcap EMC L1 Input - HT-th0
Entries 8400024
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

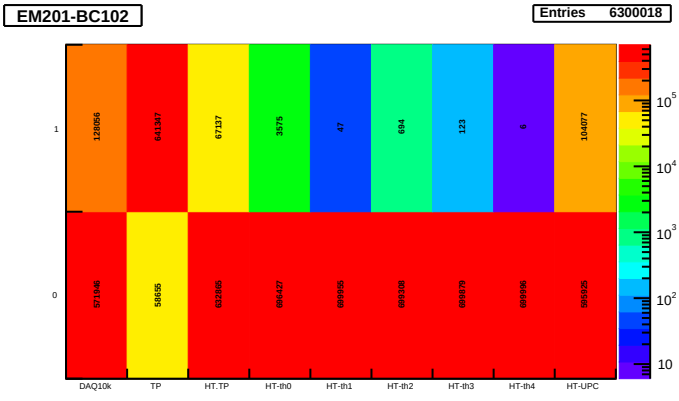

Endcap EMC L1 Input - HT-th0 Diff
Entries 1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

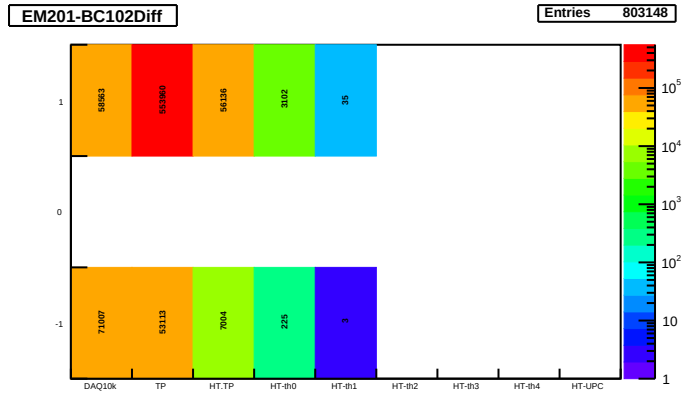

Endcap EMC L1 Input - HT-th1
Entries 8400024
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

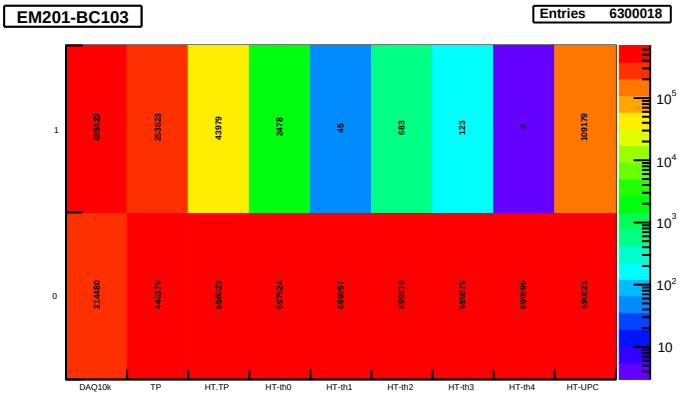

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

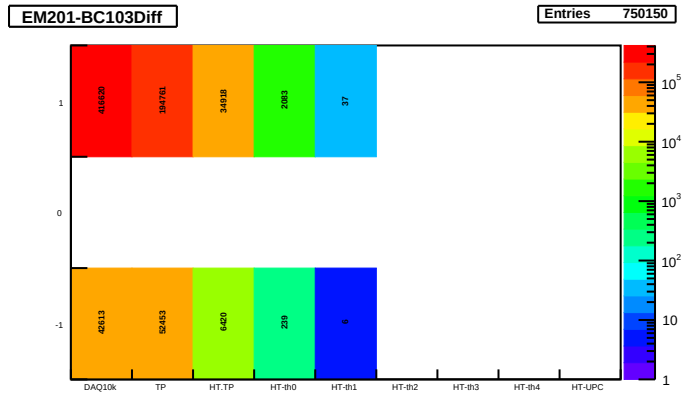

EM201-BC101
Entries 6300018
1
0
468512
272948
46483
2687
48
751
128
2
110876
231380
427064
654519
697315
699964
699251
699874
700000
589826
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10

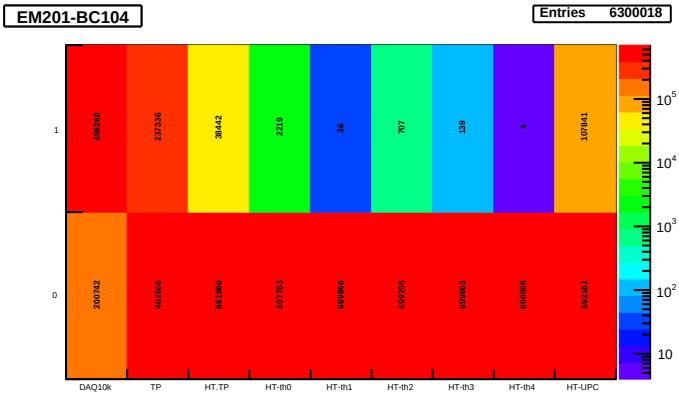

EM201-BC101Diff
Entries 751506
1
0
-1
398984
211600
36040
2215
35
44014
52694
6129
191
4
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

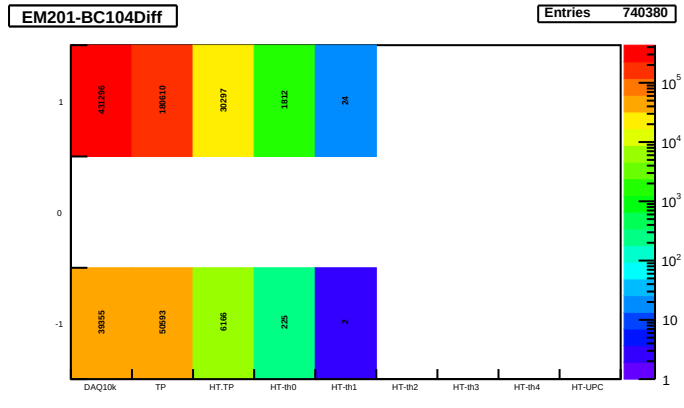

EM201-BC102
Entries 6300018
1
0
128856
641347
67137
3575
47
694
123
6
104077
571946
58655
632865
686427
699955
699938
699879
699996
595925
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10


EM201-BC102Diff
Entries 803148
1
0
-1
58963
553980
56136
3102
35
71007
53113
7004
225
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

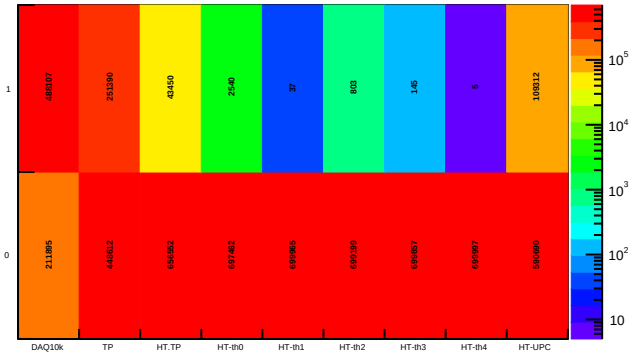

EM201-BC103
Entries 6300018
1
0
485522
253823
43979
2478
45
683
123
3
109179
214480
446179
656023
697524
699957
699319
699879
699999
590823
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10


EM201-BC103Diff
Entries 750150
1
0
-1
416620
194761
34918
2083
37
42613
52453
6420
239
6
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

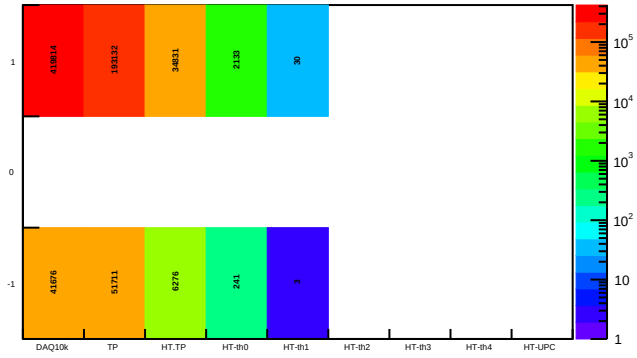

EM201-BC104
Entries 6300018
1
0
489260
237336
38442
2219
36
707
139
4
107641
200742
462666
661560
697783
699966
699285
699983
699998
592161
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10


EM201-BC104Diff
Entries 740380
1
0
-1
431256
180610
30297
1832
24
39355
50593
6166
225
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

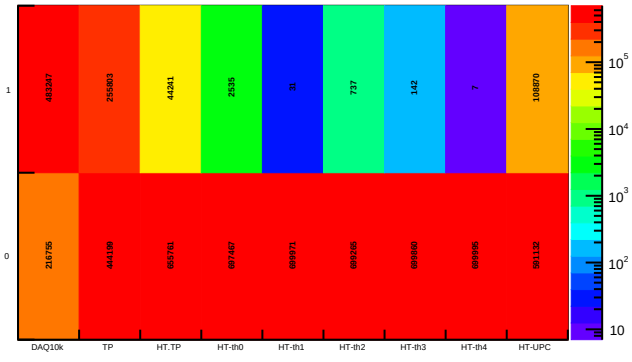
EM201-BC105 Entries 6300018



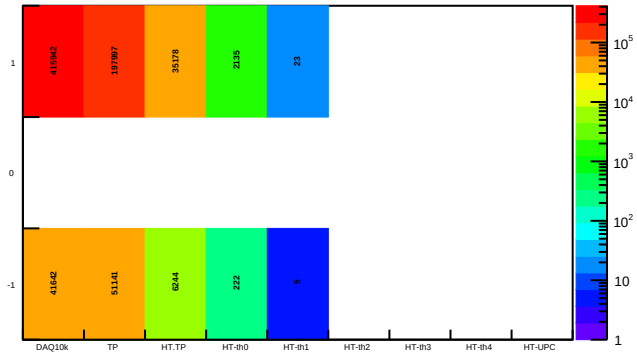
EM201-BC105Diff Entries 749847



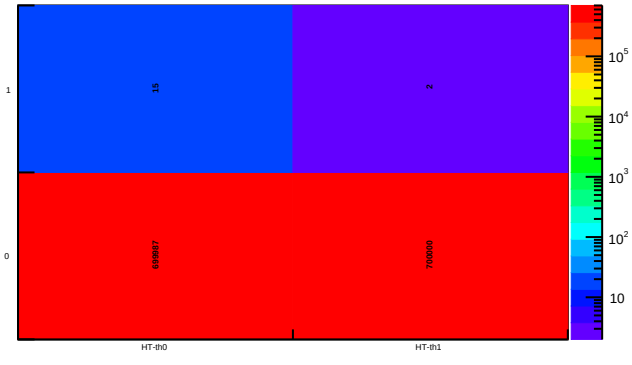
EM201-BC106 Entries 6300018



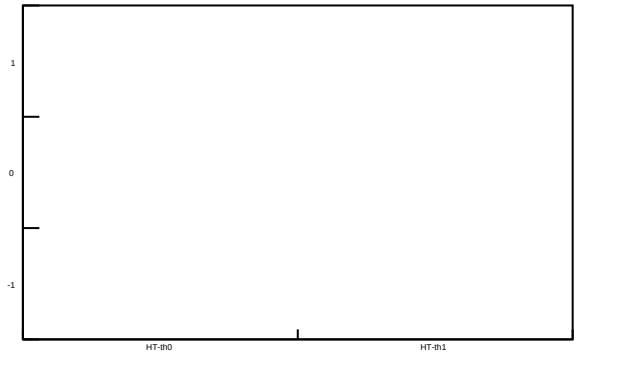
EM201-BC106Diff Entries 750529



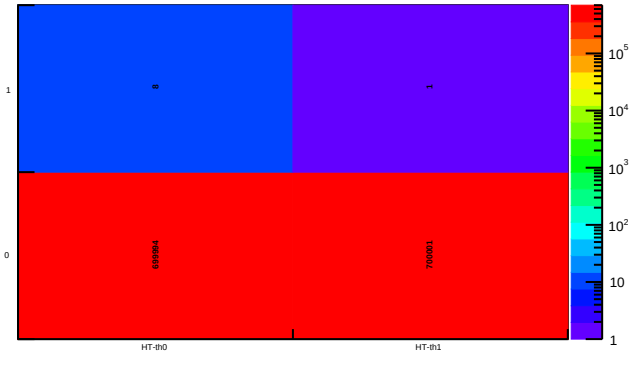
EM201-EE101 Entries 1400004



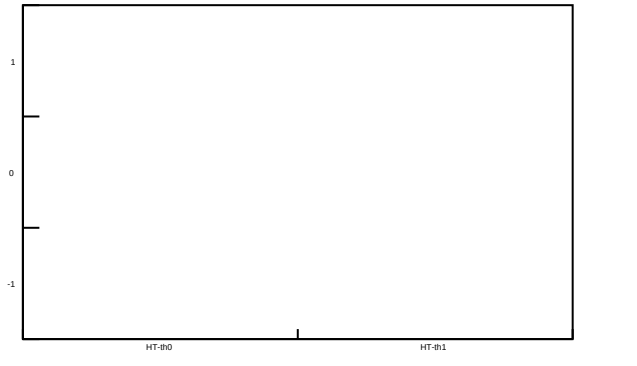
EM201-EE101Diff Entries 0

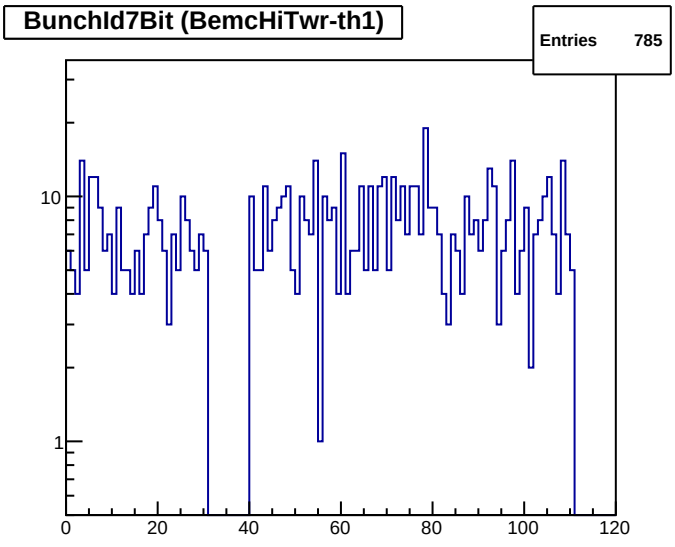


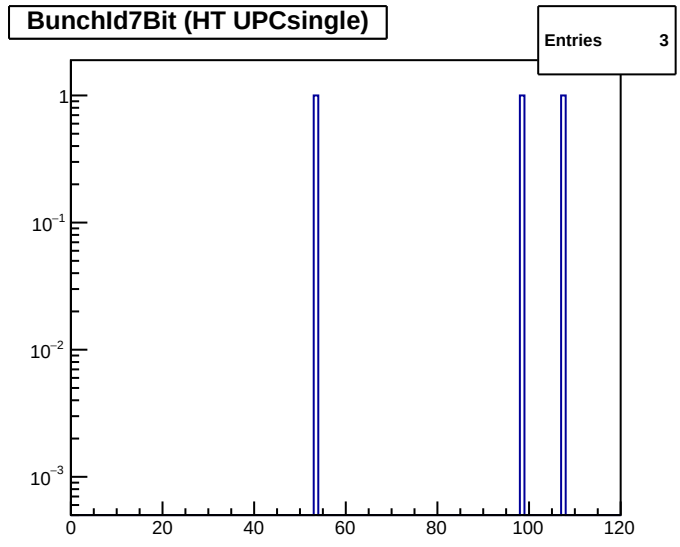
EM201-EE102 Entries 1400004

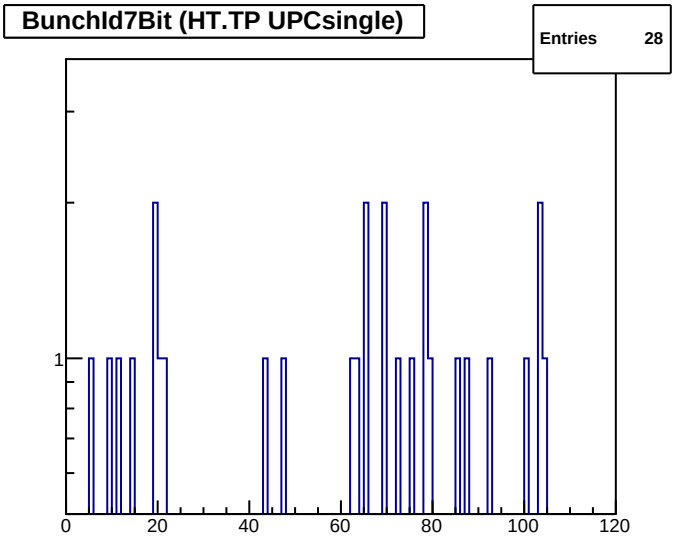


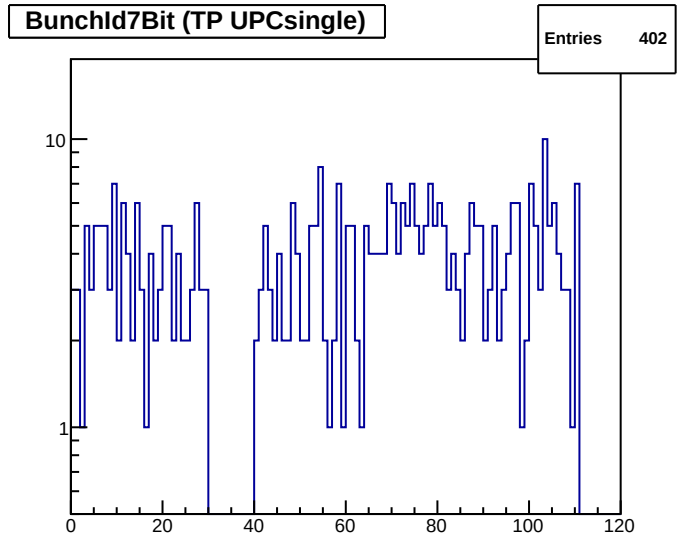
EM201-EE102Diff Entries 0

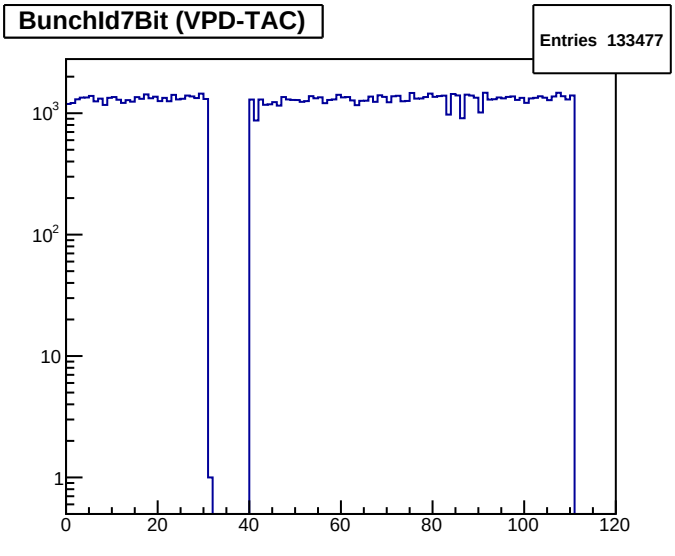


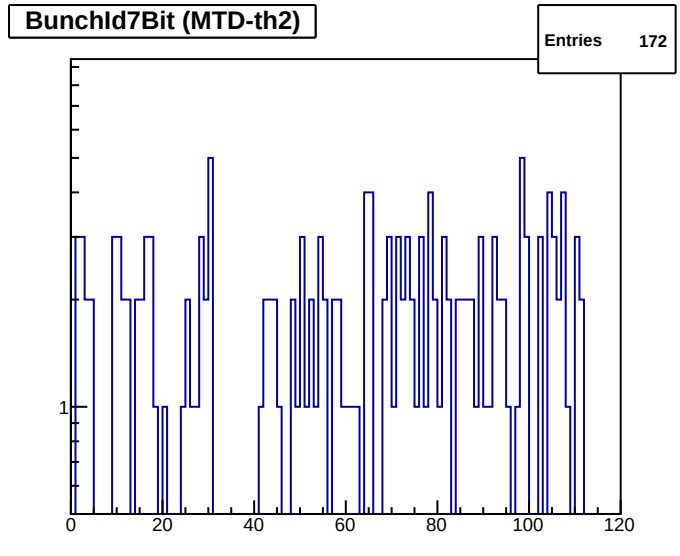

BunchId7Bit (BemcHiTwr-th1)
Entries 785
10
1
0 20 40 60 80 100 120

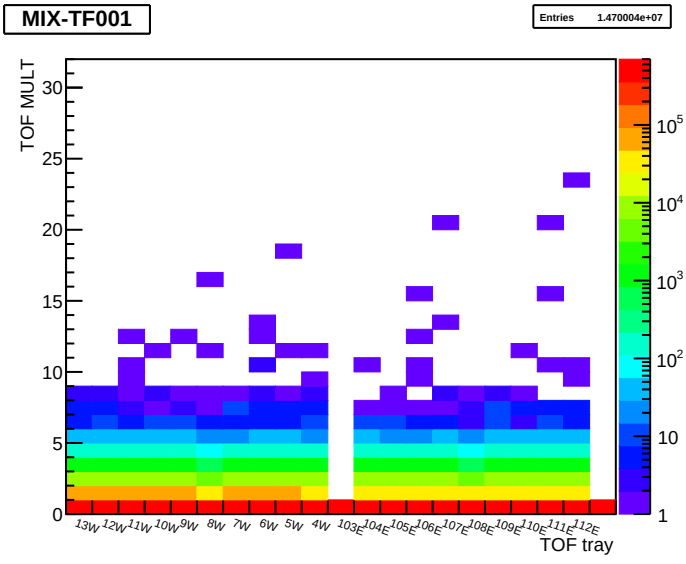

BunchId7Bit (HT UPCsingle)
Entries 3
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

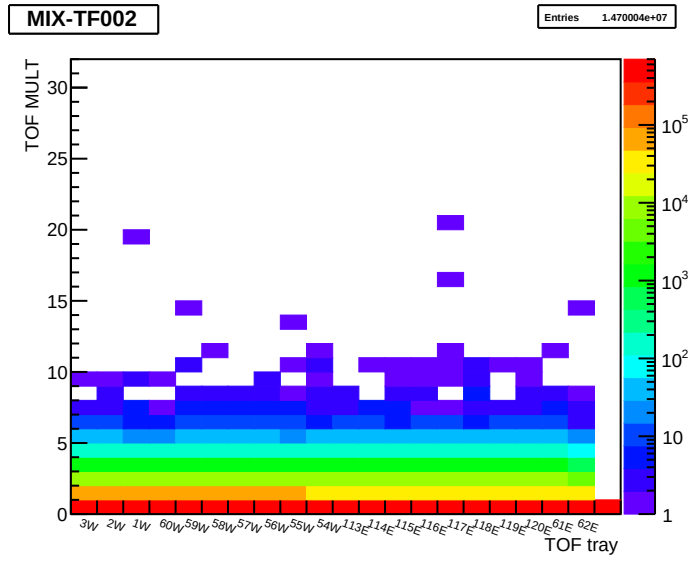

BunchId7Bit (HT.TP UPCsingle)
Entries 28
1
0 20 40 60 80 100 120

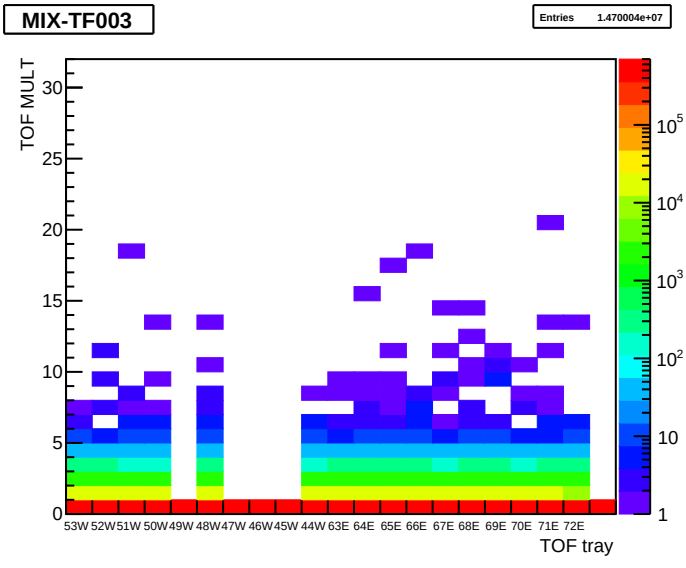

BunchId7Bit (TP UPCsingle)
Entries 402
10
1
0 20 40 60 80 100 120

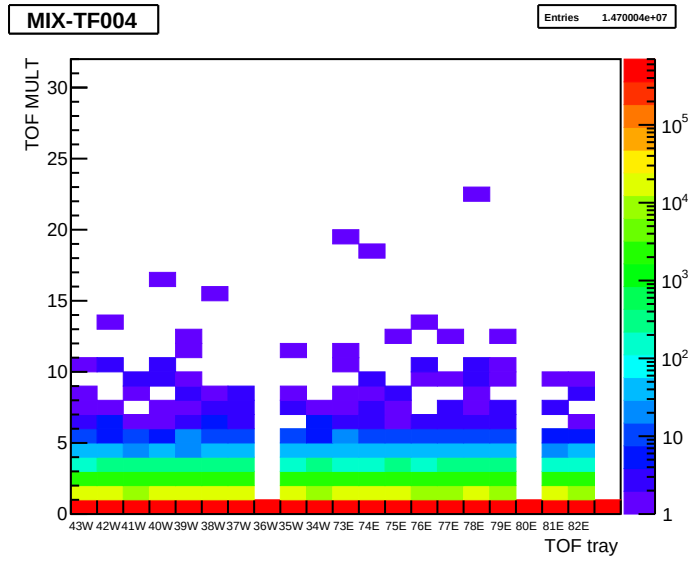

BunchId7Bit (VPD-TAC)
Entries 133477
10^3
10^2
10
1
0 20 40 60 80 100 120

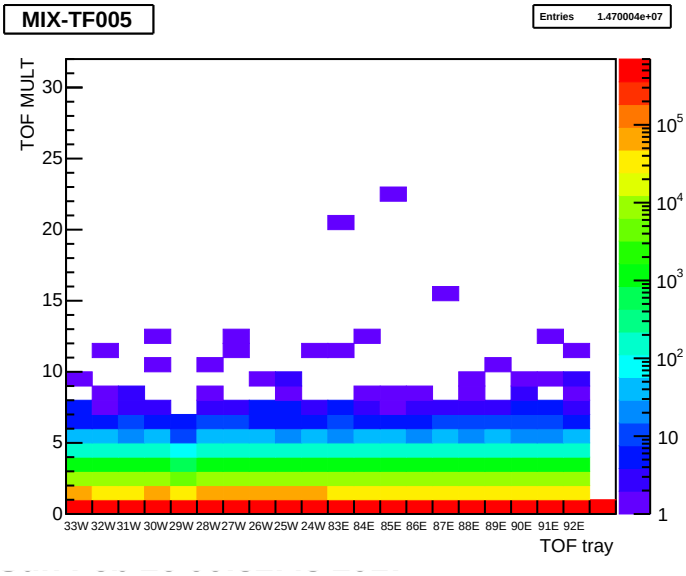

BunchId7Bit (MTD-th2)
Entries 172
1
0 20 40 60 80 100 120

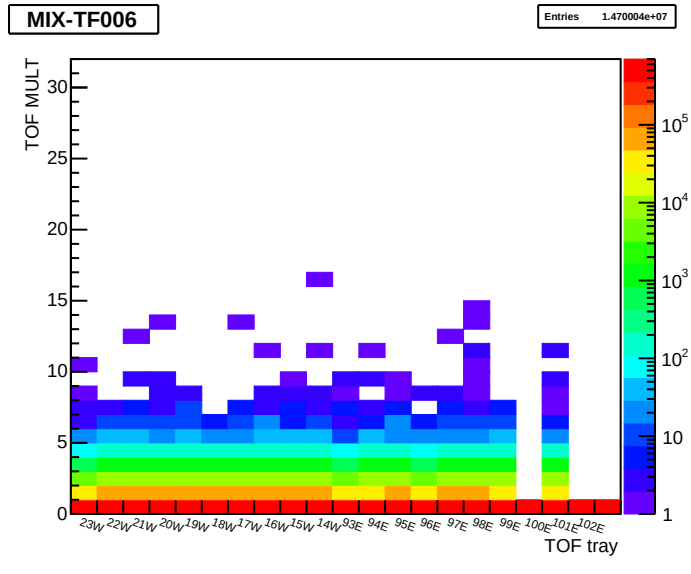

MIX-TF001
Entries 1.470004e+07
TOF MULT
TOF tray

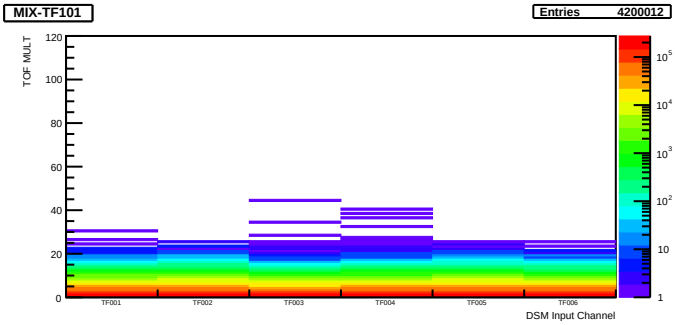

MIX-TF002
Entries 1.470004e+07
TOF MULT
TOF tray

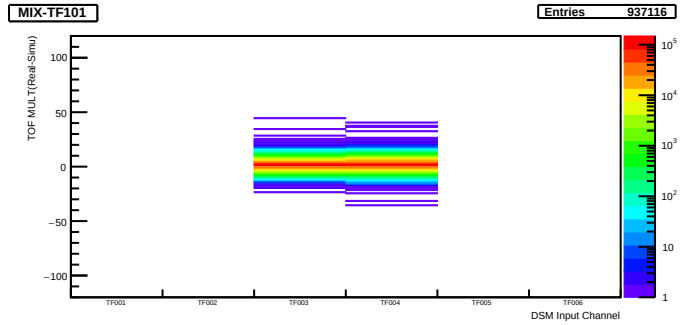

MIX-TF003
Entries 1.470004e+07
TOF MULT
TOF tray

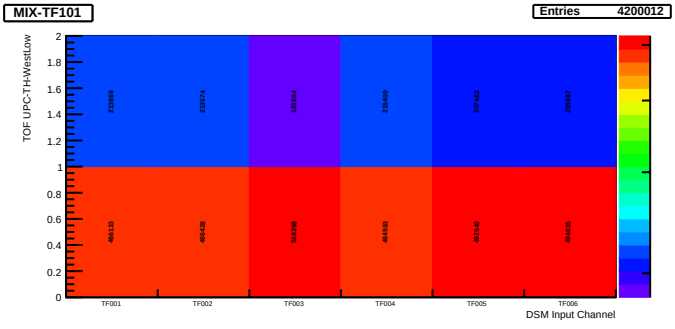

MIX-TF004
Entries 1.470004e+07
TOF MULT
TOF tray

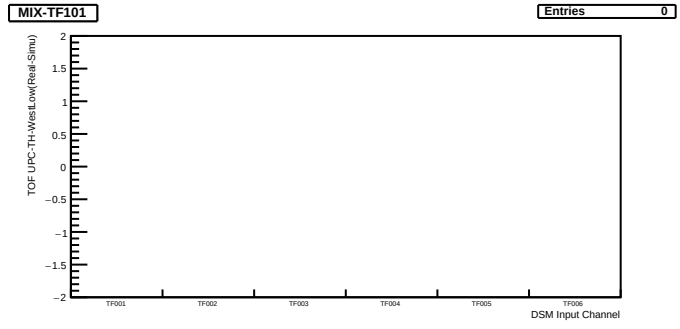

MIX-TF005
Entries 1.470004e+07
TOF MULT
TOF tray

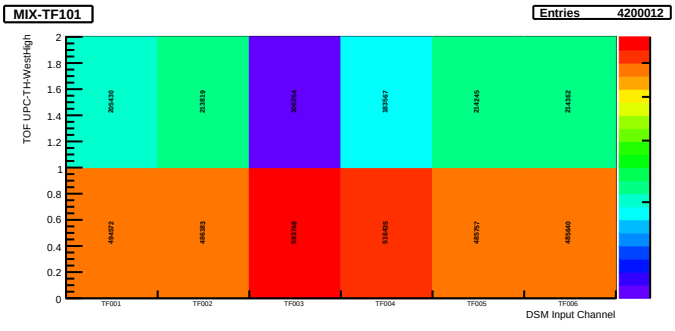

MIX-TF006
Entries 1.470004e+07
TOF MULT
TOF tray

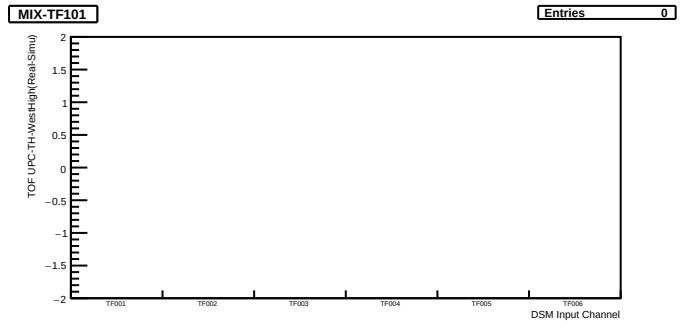

MIX-TF101
Entries 4200012
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

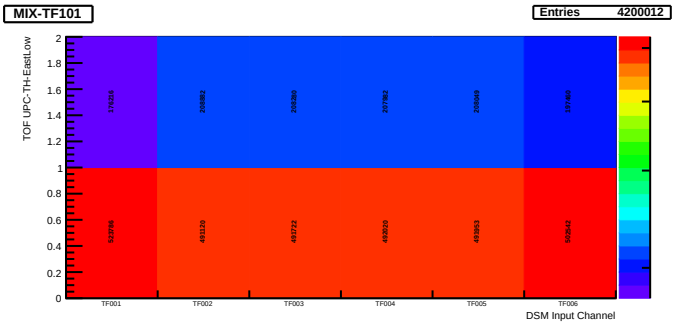

MIX-TF101
Entries 937116
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

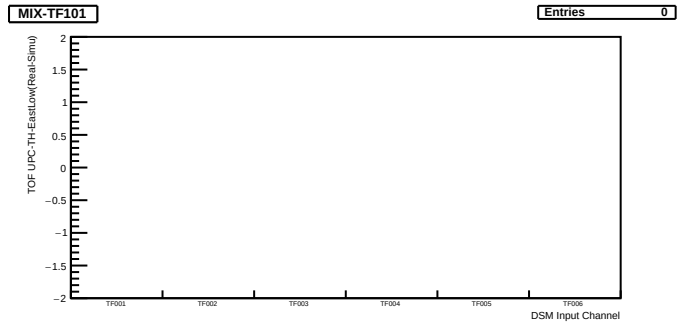

MIX-TF101
Entries 4200012
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

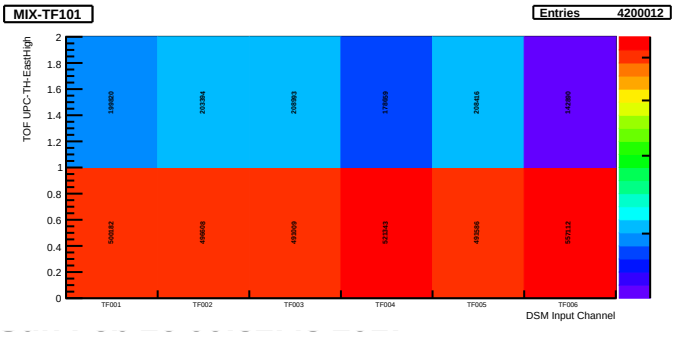

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

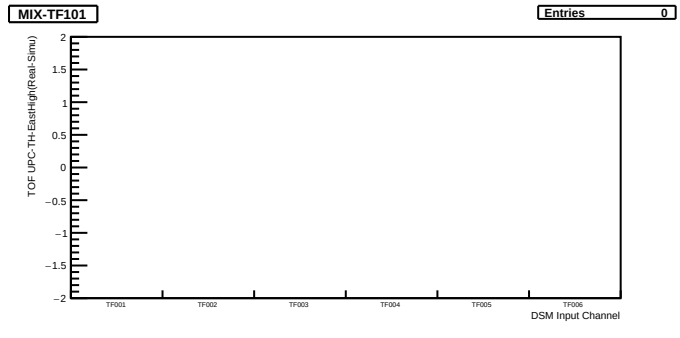

MIX-TF101
Entries 4200012
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

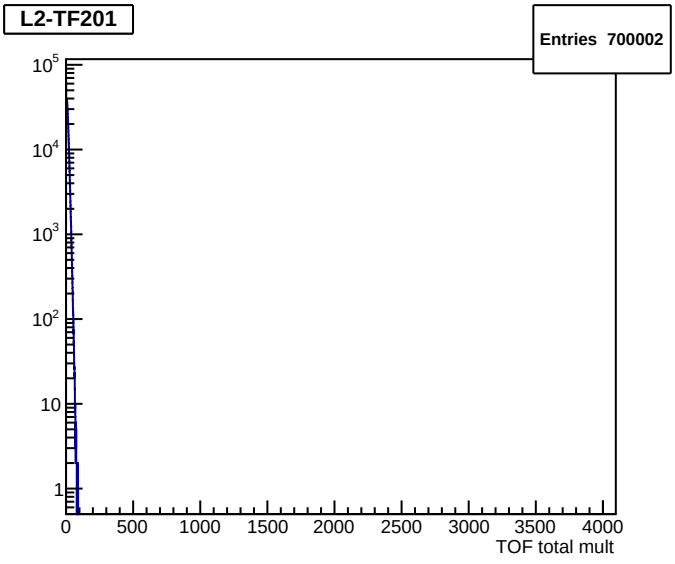

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

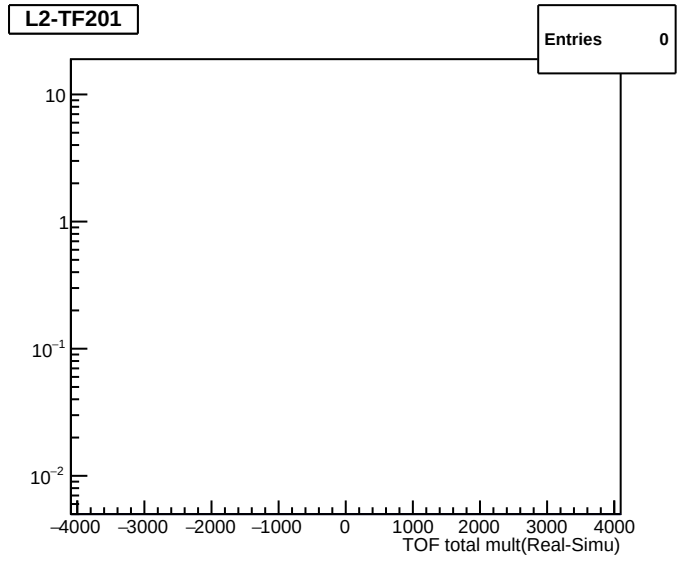

MIX-TF101
Entries 4200012
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

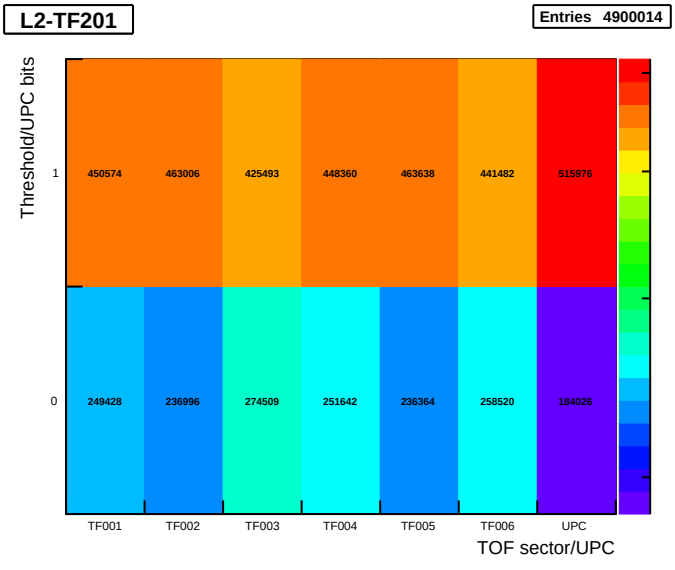

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

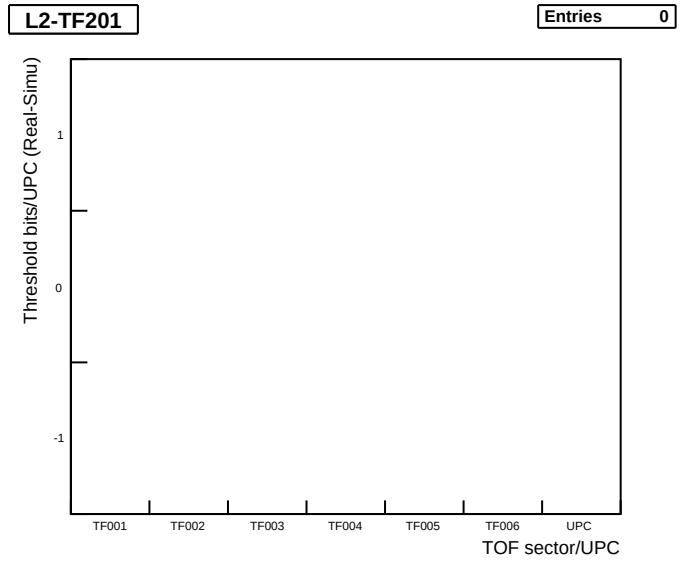

MIX-TF101
Entries 4200012
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

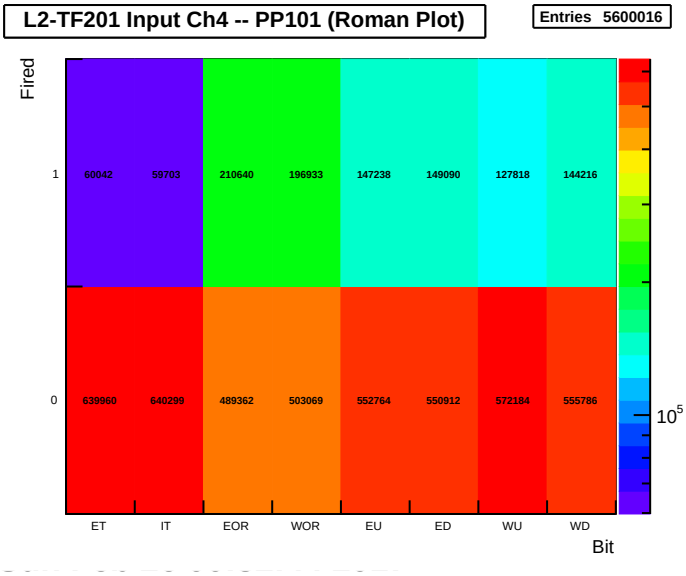

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

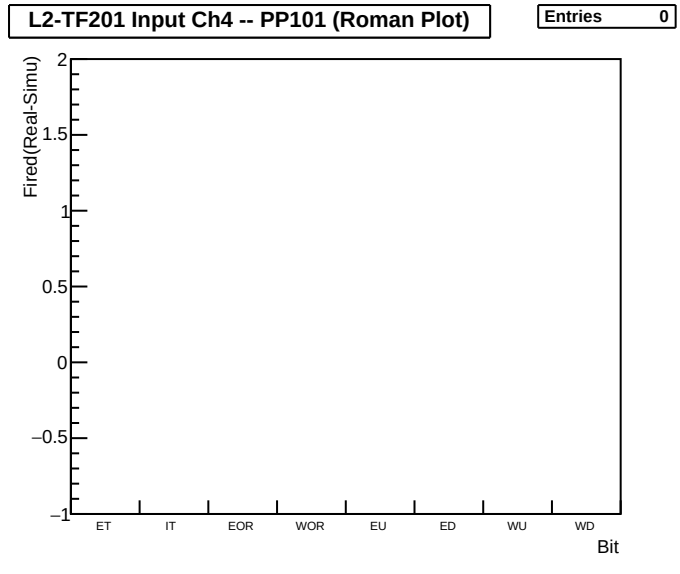

L2-TF201
Entries 700002
TOF total mult

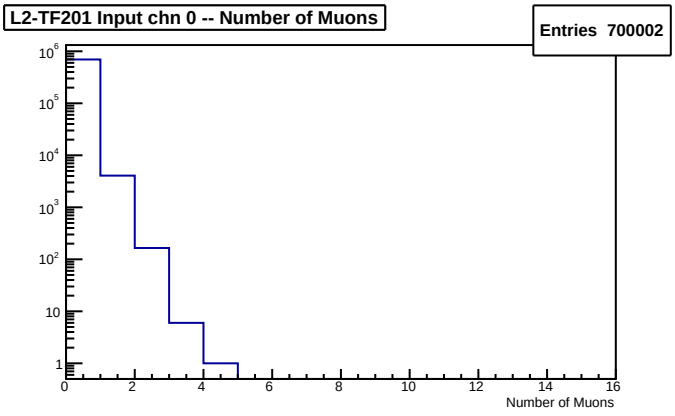

L2-TF201
Entries 0
TOF total mult(Real-Simu)

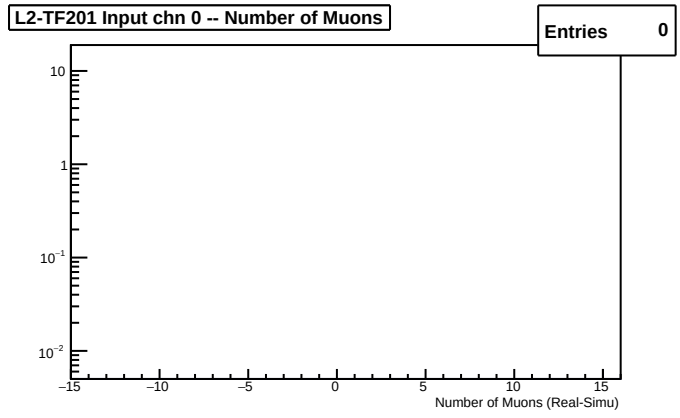

L2-TF201
Entries 4900014
Threshold/UPC bits
450574 463006 425493 448360 463638 441482 515976
249428 236996 274509 251642 236364 258520 184026
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

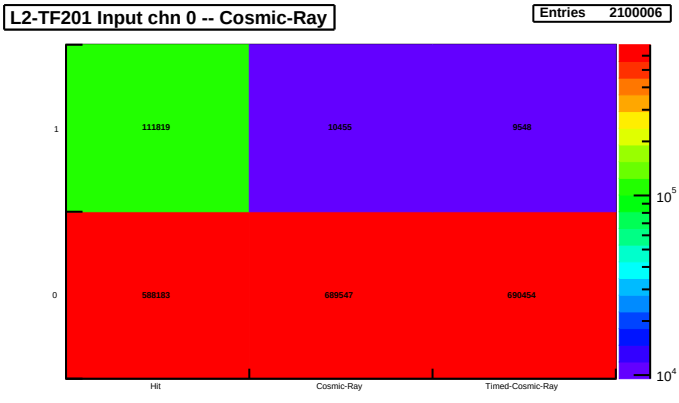

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

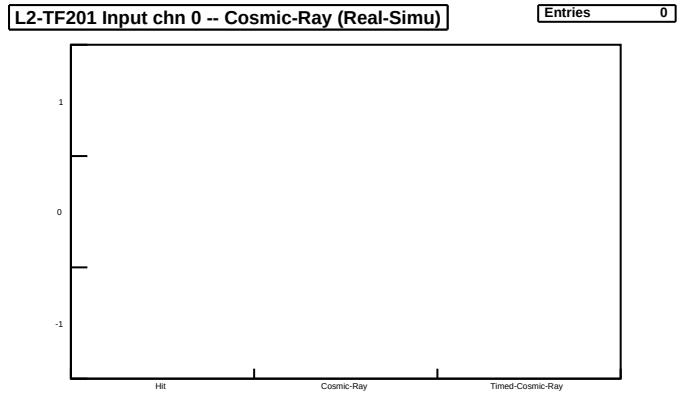

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5600016
Fired
60042 59703 210640 196933 147238 149090 127818 144216
639960 640299 489362 503069 552764 550912 572184 555786
ET IT EOR WOR EU ED WU WD
Bit

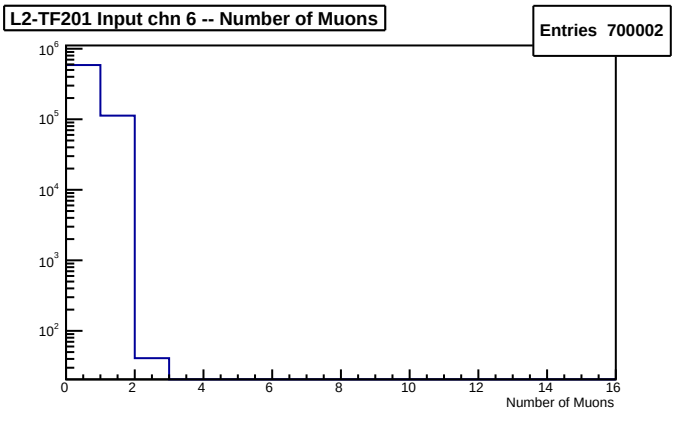

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

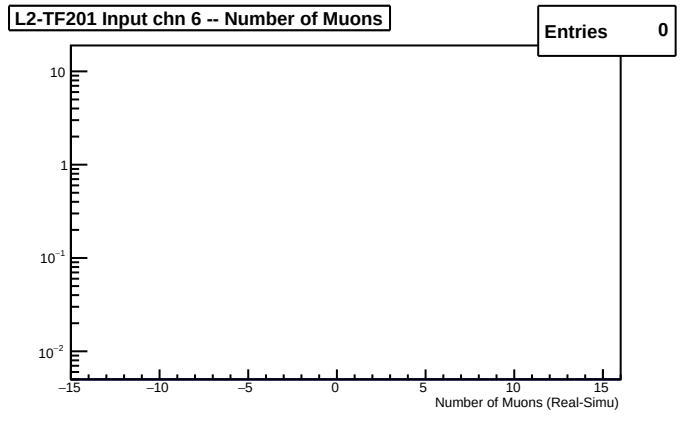

L2-TF201 Input chn 0 -- Number of Muons
Entries 700002
Number of Muons

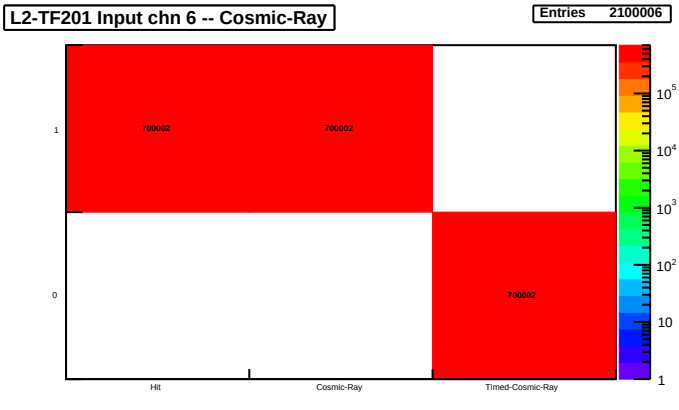

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

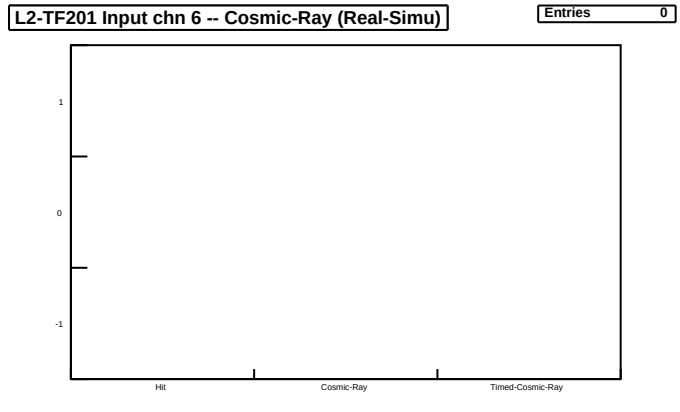

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2100006
111819
10455
9548
588183
689547
690454
Hit
Cosmic-Ray
Timed-Cosmic-Ray

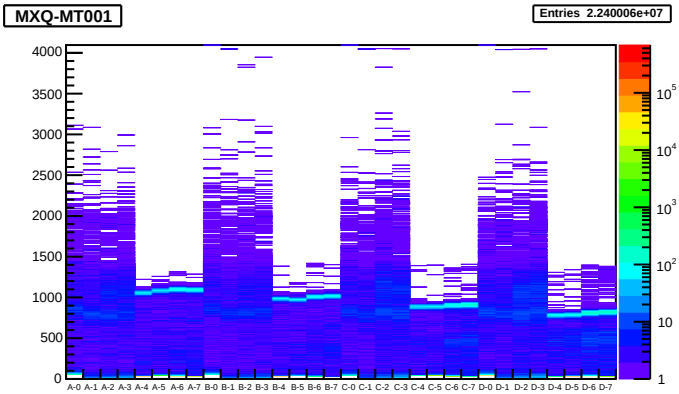

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

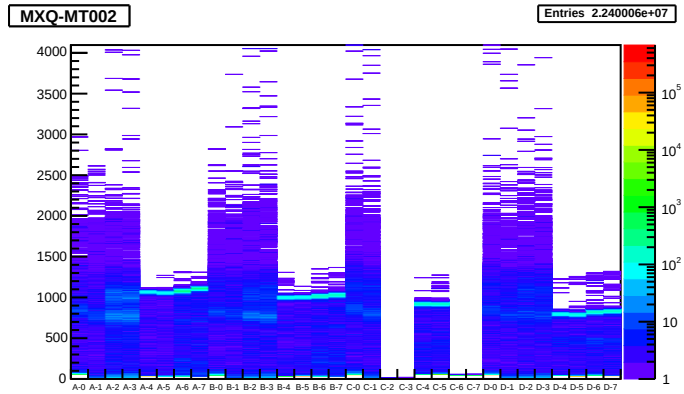

L2-TF201 Input chn 6 -- Number of Muons
Entries 700002
Number of Muons

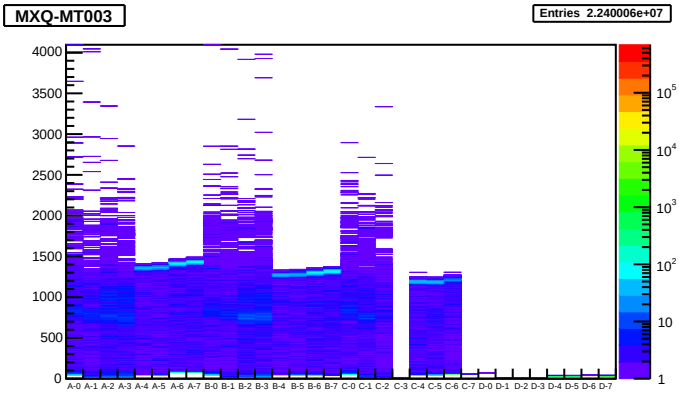

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

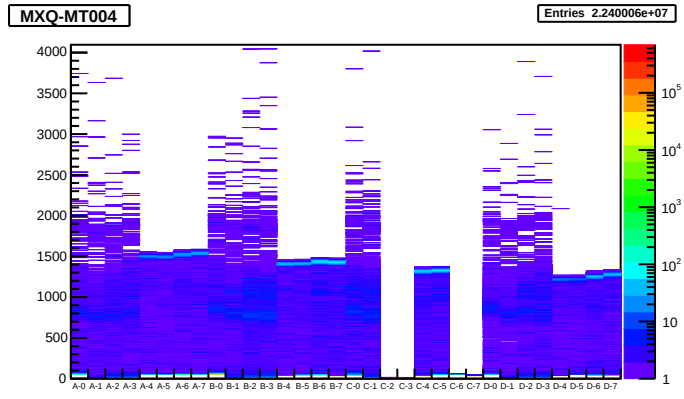

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 2100006
700002
700002
700002
Hit
Cosmic-Ray
Timed-Cosmic-Ray

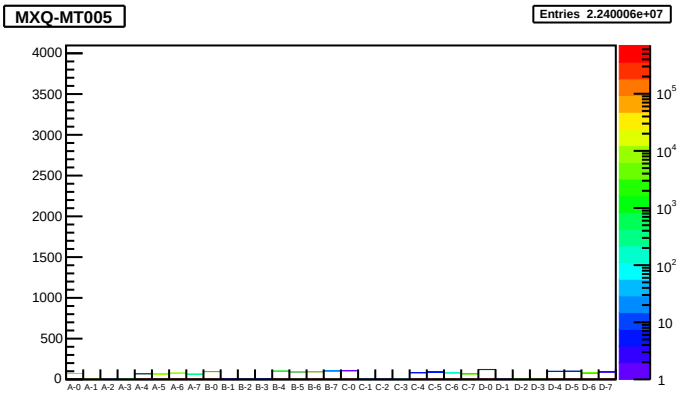

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

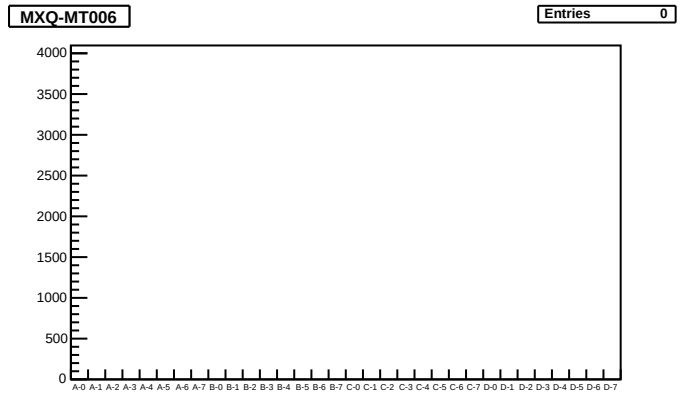

MXQ-MT001
Entries 2.240006e+07

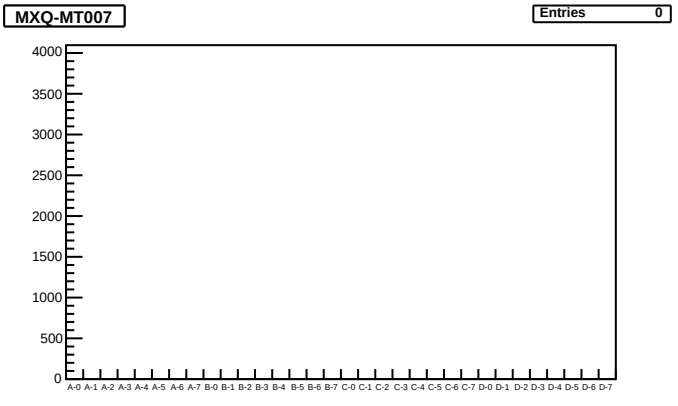

MXQ-MT002
Entries 2.240006e+07

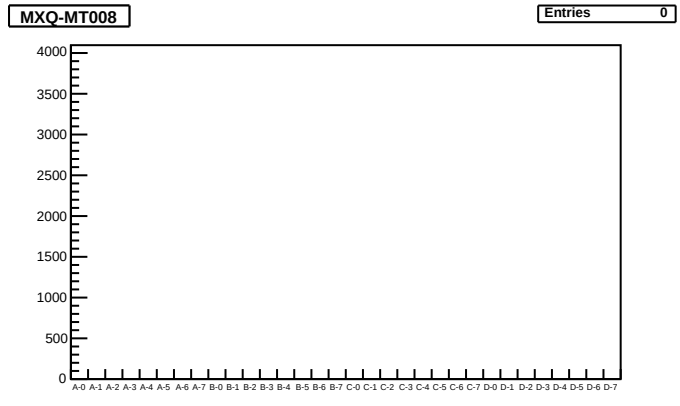

MXQ-MT003
Entries 2.240006e+07

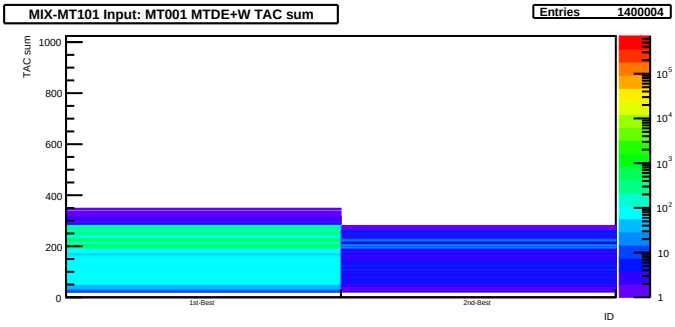

MXQ-MT004
Entries 2.240006e+07

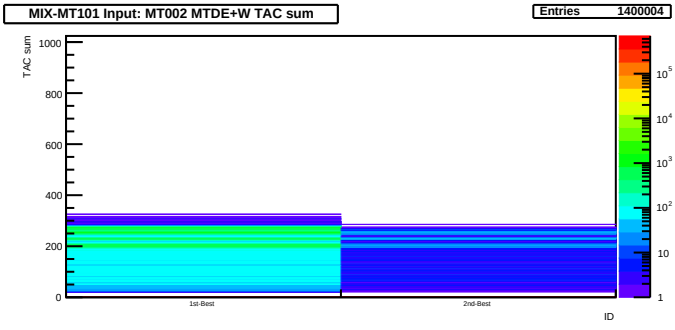

MXQ-MT005
Entries 2.240006e+07

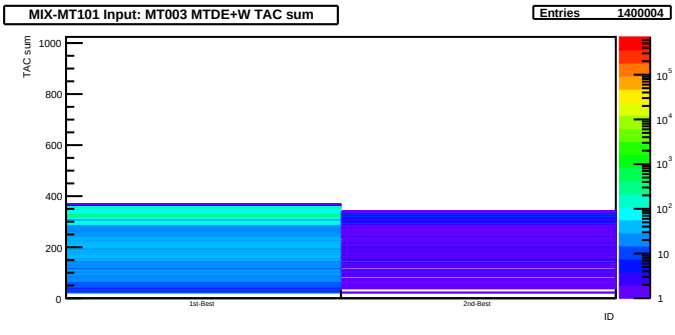

MXQ-MT006
Entries 0

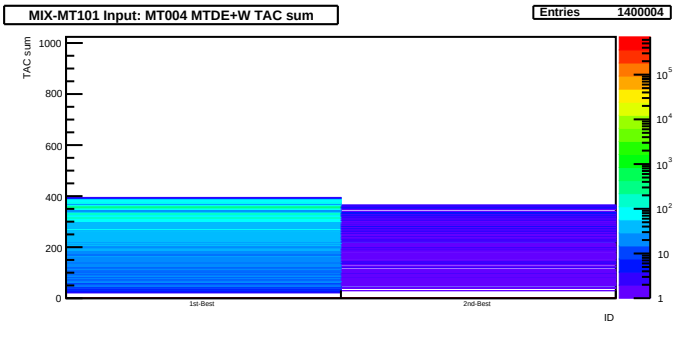

MXQ-MT007
Entries 0

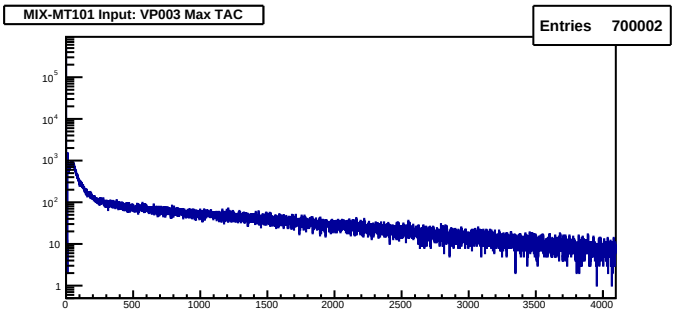

MXQ-MT008
Entries 0

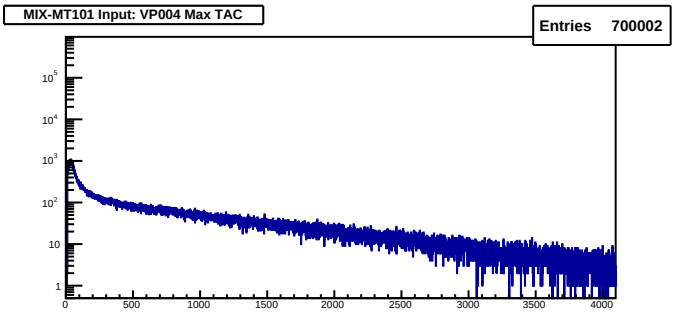

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1400004
TAC sum
1st-Best
2nd-Best
ID

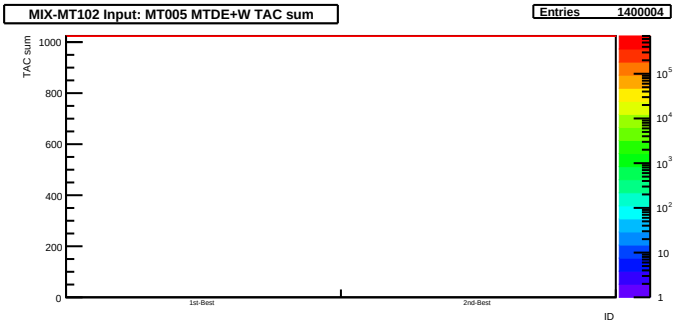

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1400004
TAC sum
1st-Best
2nd-Best
ID

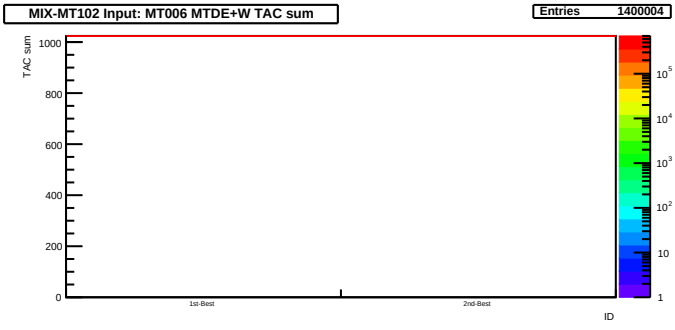

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1400004
TAC sum
1st-Best
2nd-Best
ID

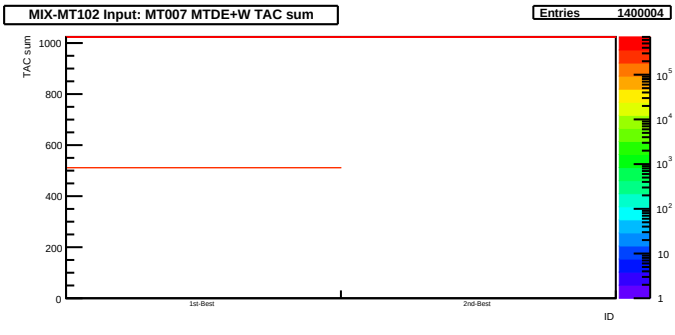

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1400004
TAC sum
1st-Best
2nd-Best
ID

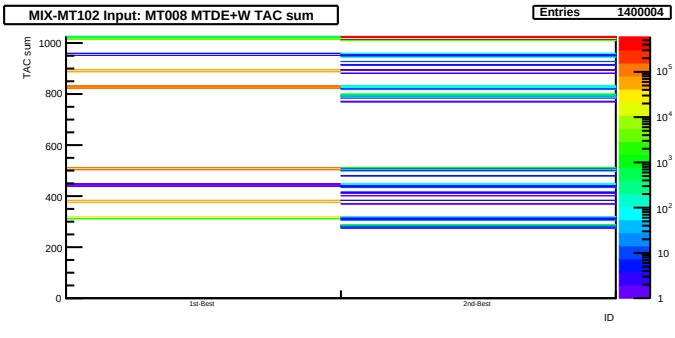

MIX-MT101 Input: VP003 Max TAC
Entries 700002

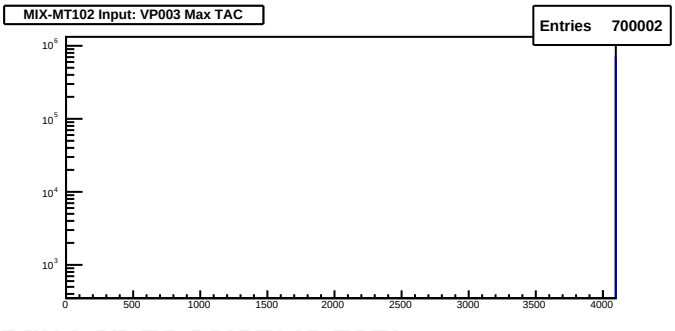

MIX-MT101 Input: VP004 Max TAC
Entries 700002

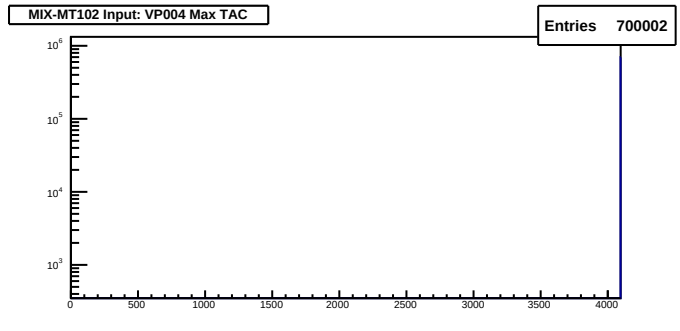

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1400004
TAC sum
1st-Best
2nd-Best
ID

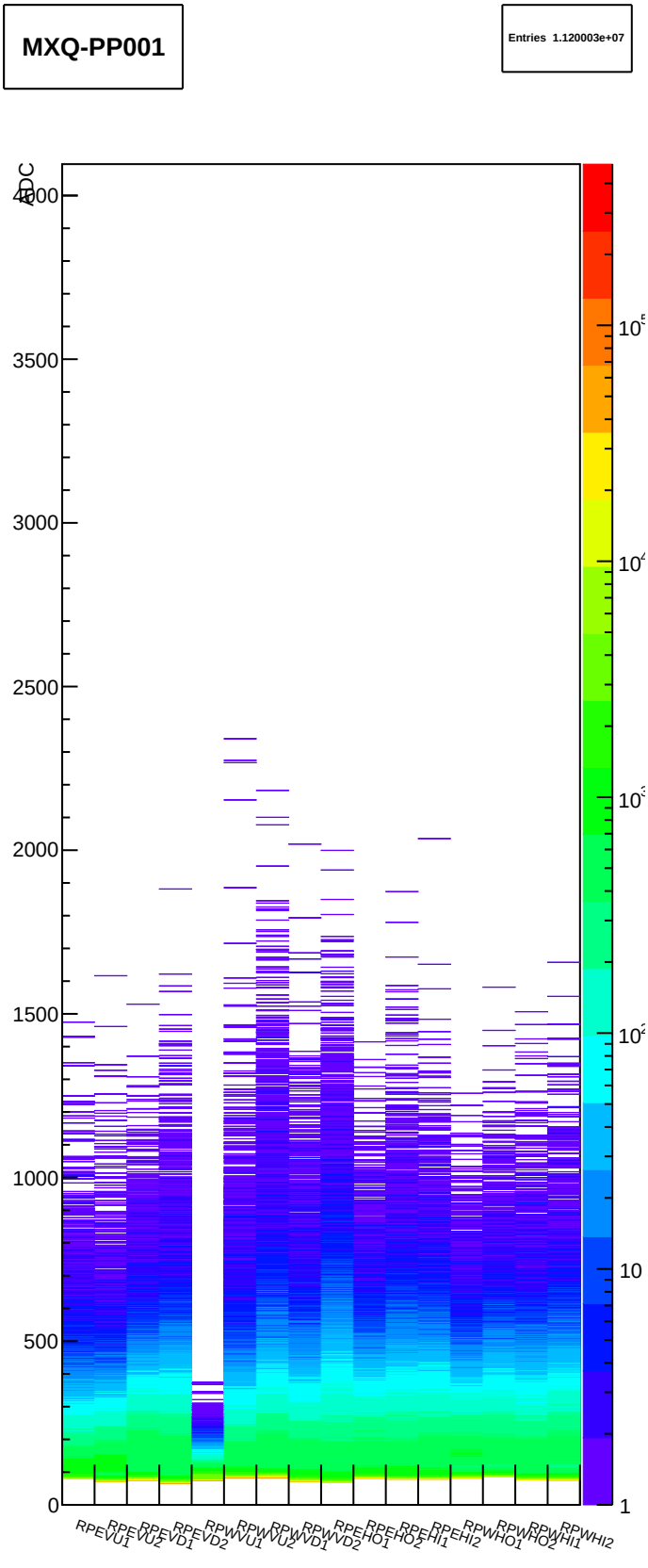

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1400004
TAC sum
1st-Best
2nd-Best
ID

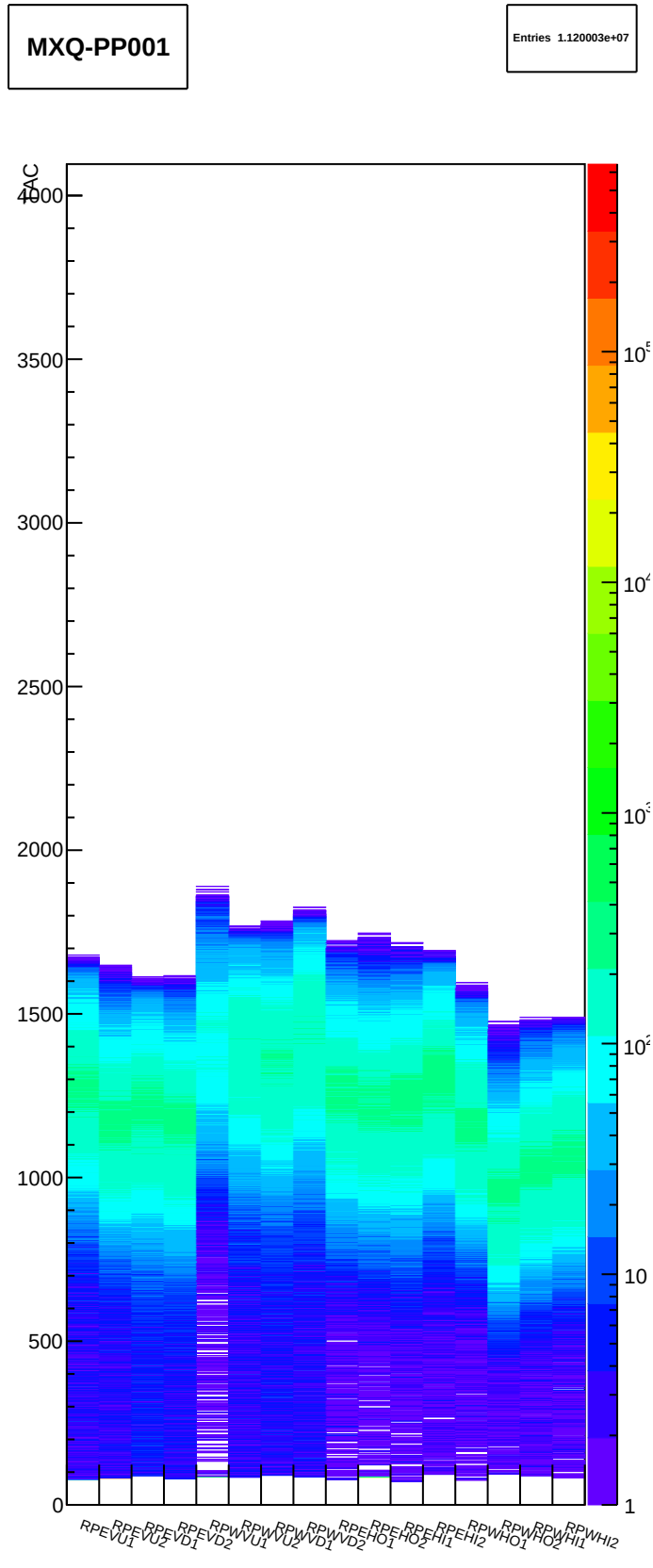

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1400004
TAC sum
1st-Best
2nd-Best
ID

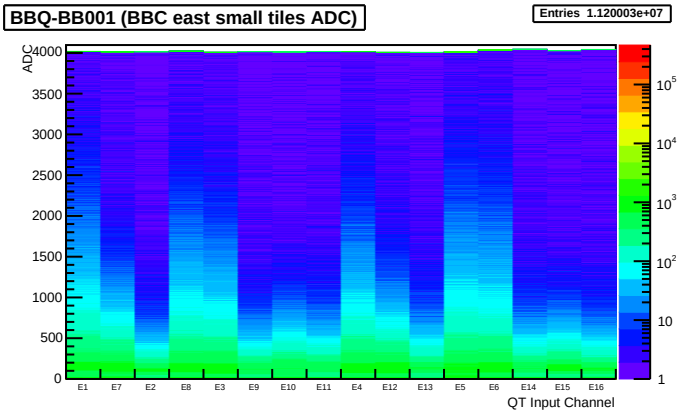

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1400004
TAC sum
1st-Best
2nd-Best
ID

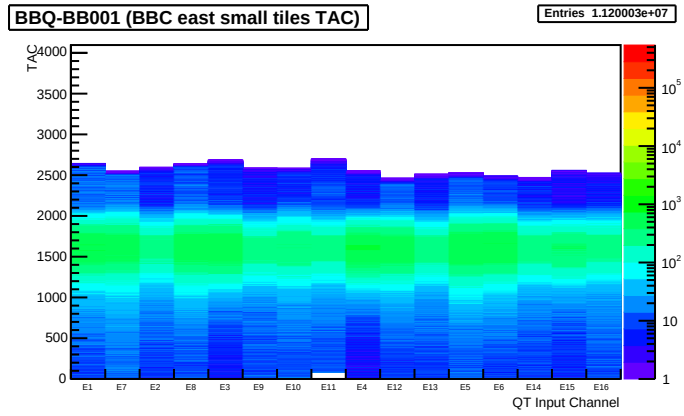

MIX-MT102 Input: VP003 Max TAC
Entries 700002

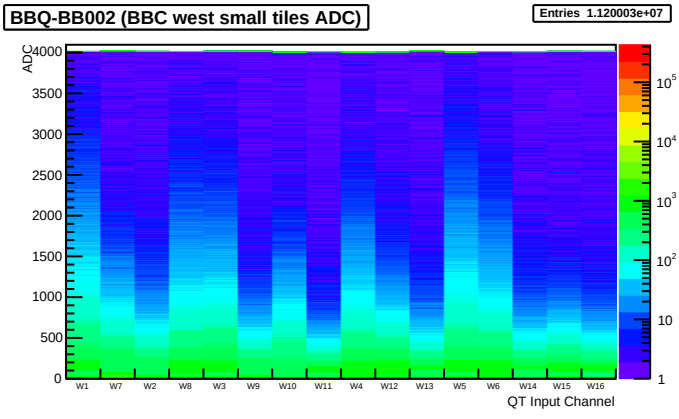

MIX-MT102 Input: VP004 Max TAC
Entries 700002

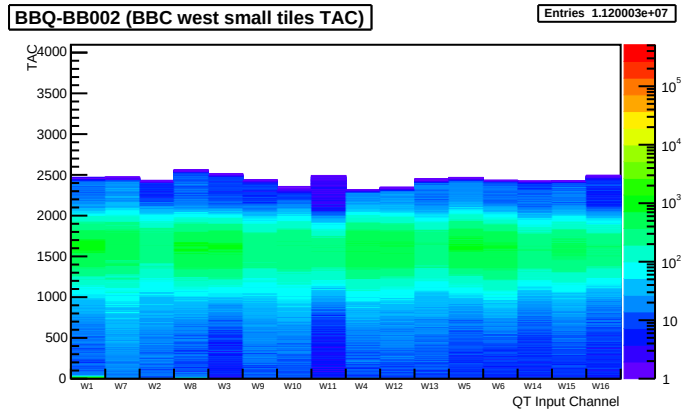

MXQ-PP001
Entries 1.120003e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

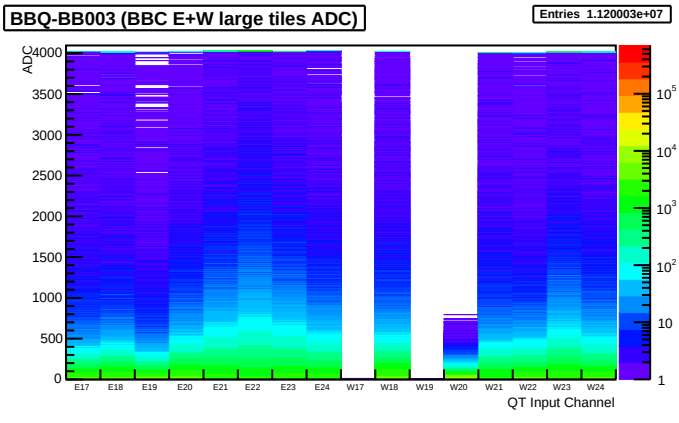

MXQ-PP001
Entries 1.120003e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

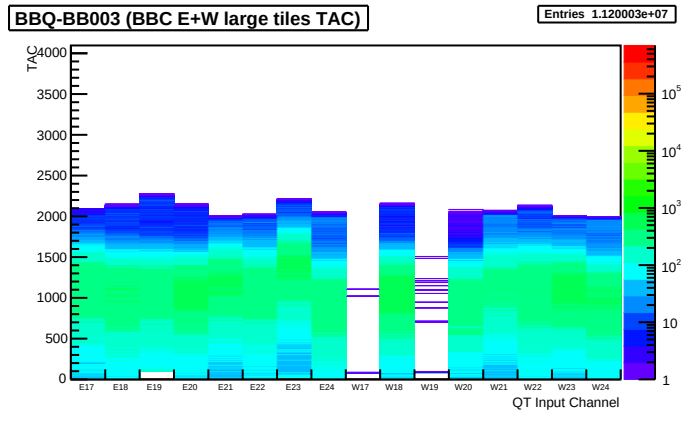

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.120003e+07
ADC
QT Input Channel

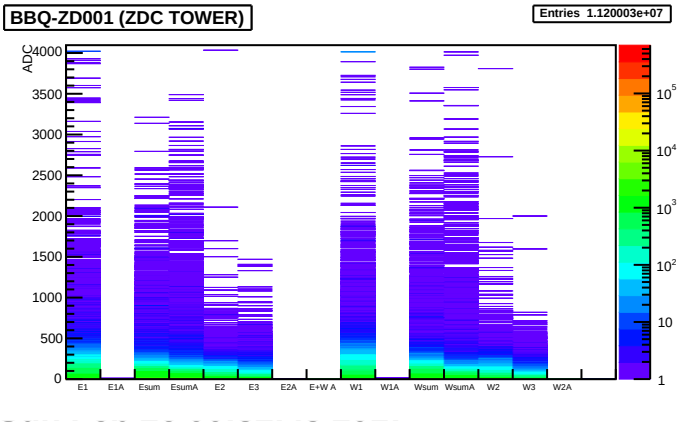

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.120003e+07
TAC
QT Input Channel

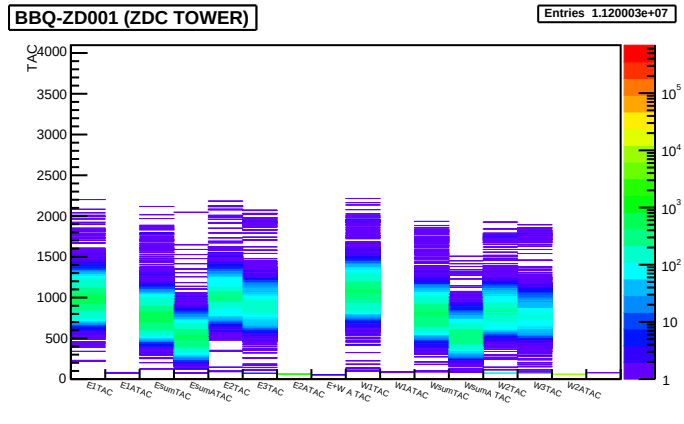

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.120003e+07
ADC
QT Input Channel

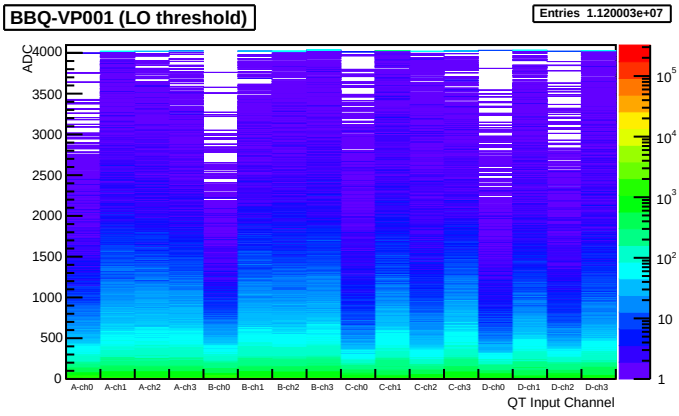

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.120003e+07
TAC
QT Input Channel

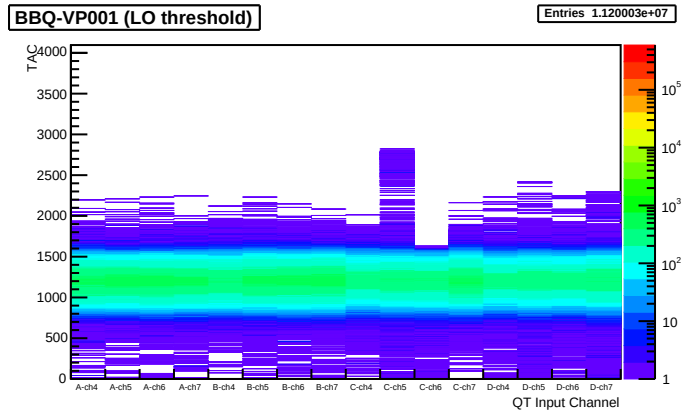

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.120003e+07
ADC
QT Input Channel

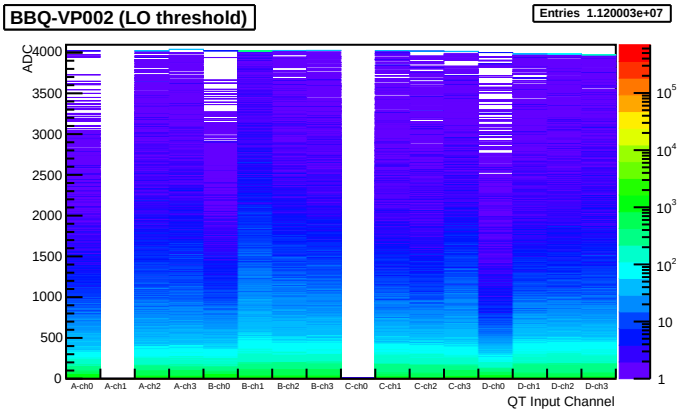

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.120003e+07
TAC
QT Input Channel

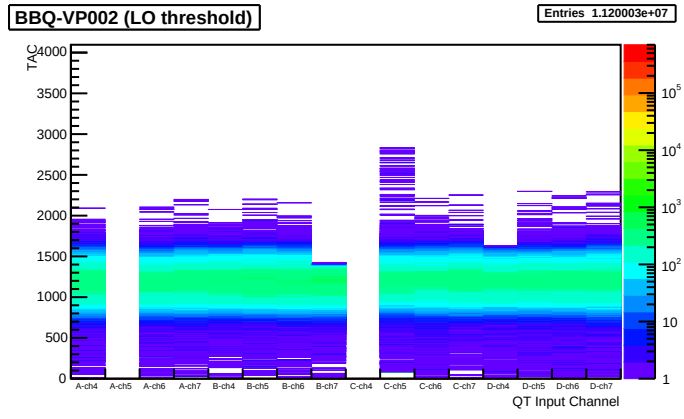

BBQ-ZD001 (ZDC TOWER)
Entries 1.120003e+07
ADC

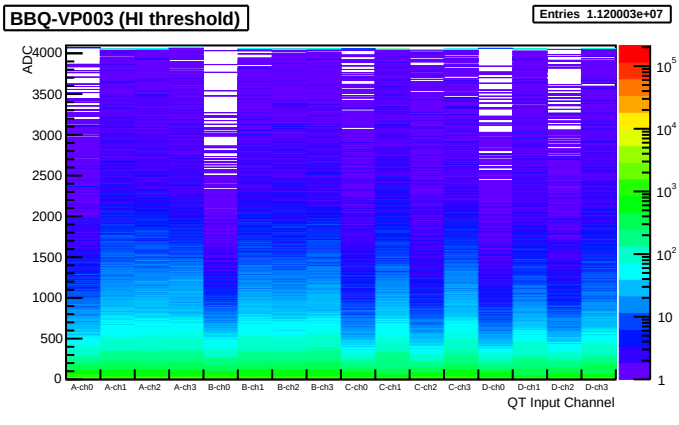

BBQ-ZD001 (ZDC TOWER)
Entries 1.120003e+07
TAC

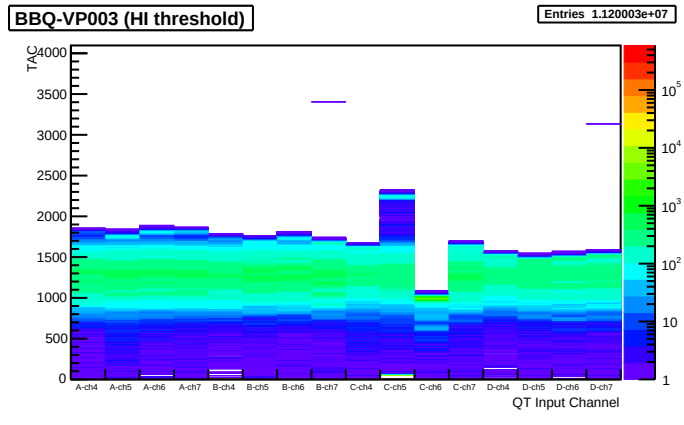

BBQ-VP001 (LO threshold)
Entries 1.120003e+07
ADC
QT Input Channel

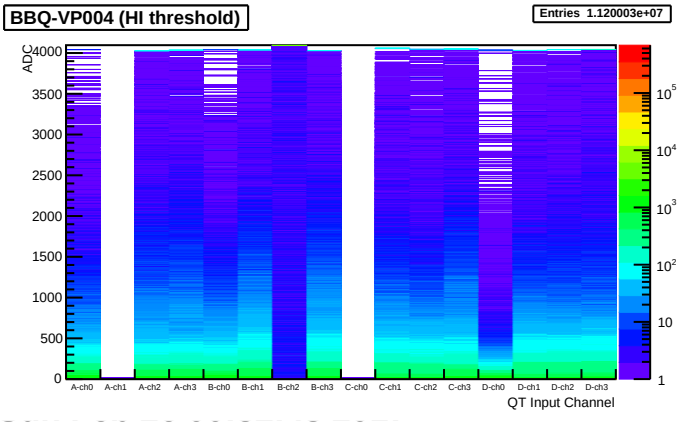

BBQ-VP001 (LO threshold)
Entries 1.120003e+07
TAC
QT Input Channel

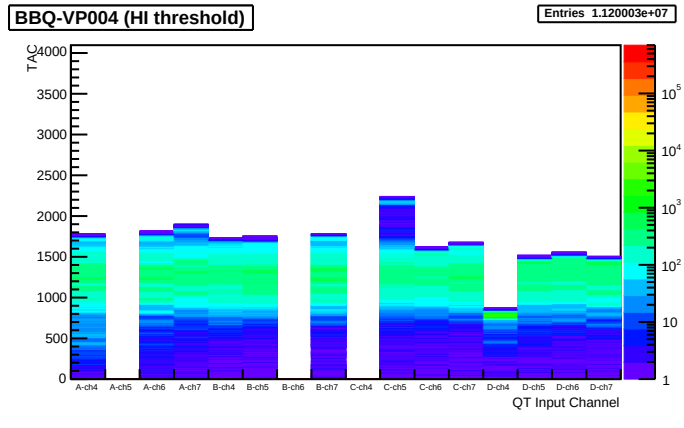

BBQ-VP002 (LO threshold)
Entries 1.120003e+07
ADC
QT Input Channel

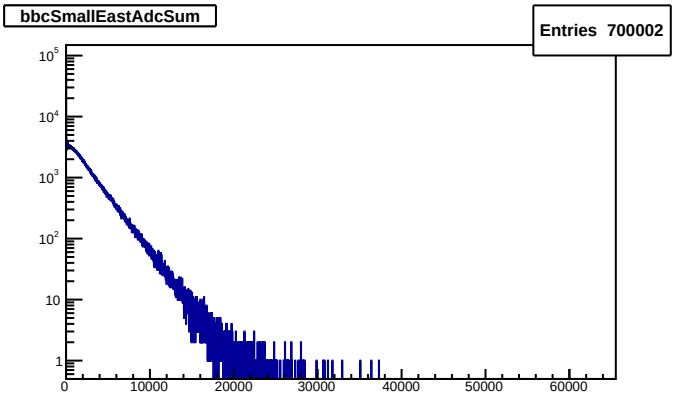

BBQ-VP002 (LO threshold)
Entries 1.120003e+07
TAC
QT Input Channel

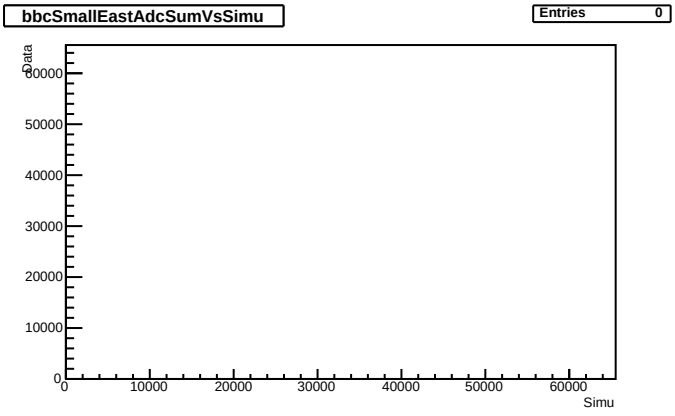

BBQ-VP003 (HI threshold)
Entries 1.120003e+07
ADC
QT Input Channel

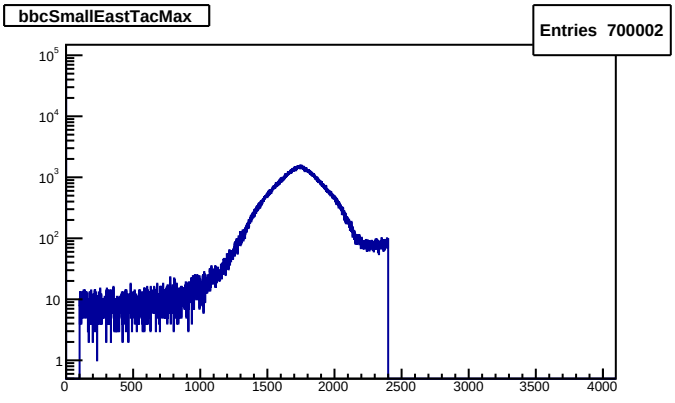

BBQ-VP003 (HI threshold)
Entries 1.120003e+07
TAC
QT Input Channel

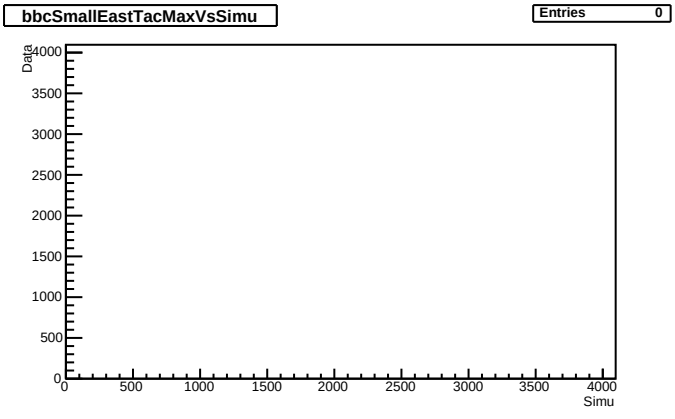

BBQ-VP004 (HI threshold)
Entries 1.120003e+07
ADC
QT Input Channel

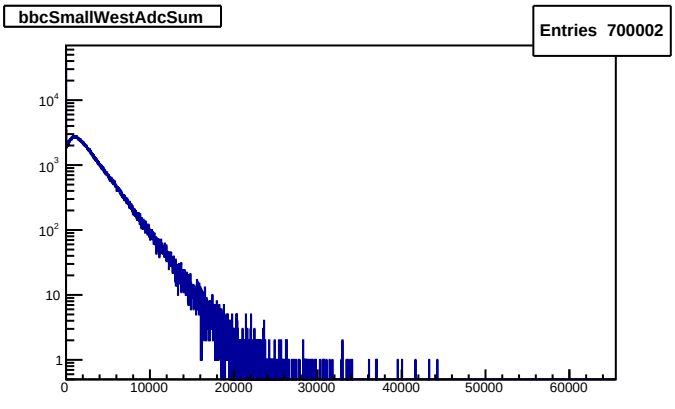

BBQ-VP004 (HI threshold)
Entries 1.120003e+07
TAC
QT Input Channel

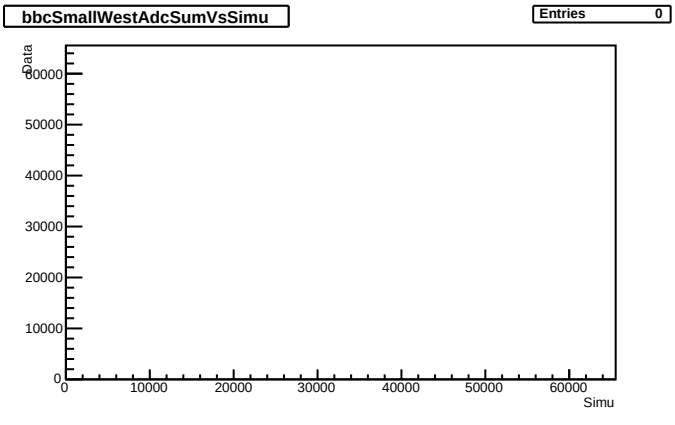

bbcSmallEastAdcSum
Entries 700002

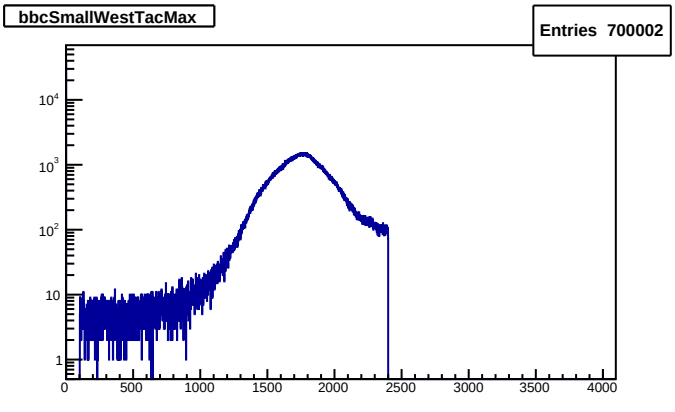

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

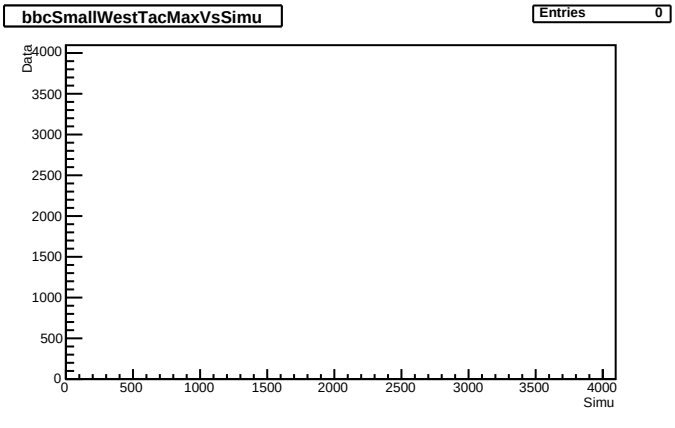

bbcSmallEastTacMax
Entries 700002

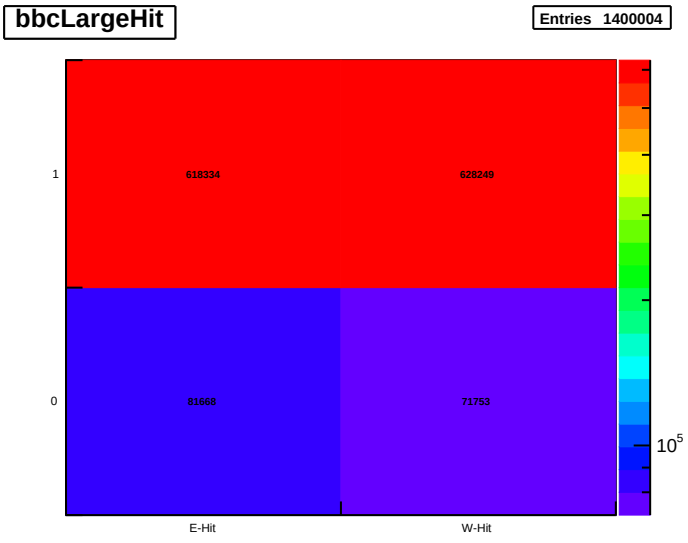

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

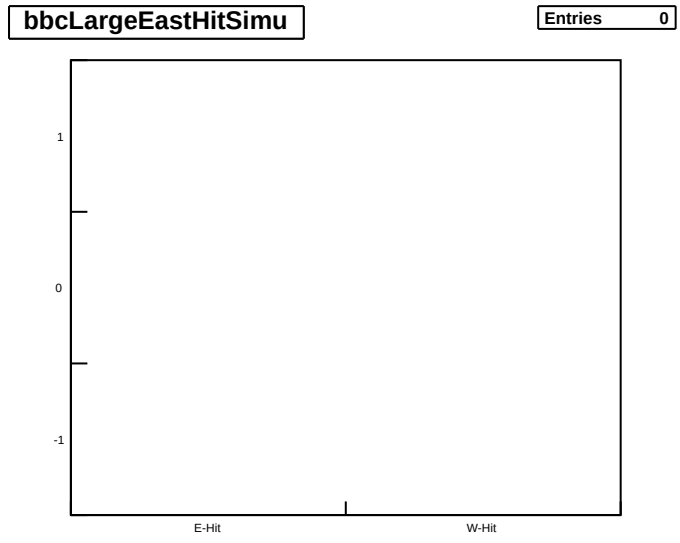

bbcSmallWestAdcSum
Entries 700002

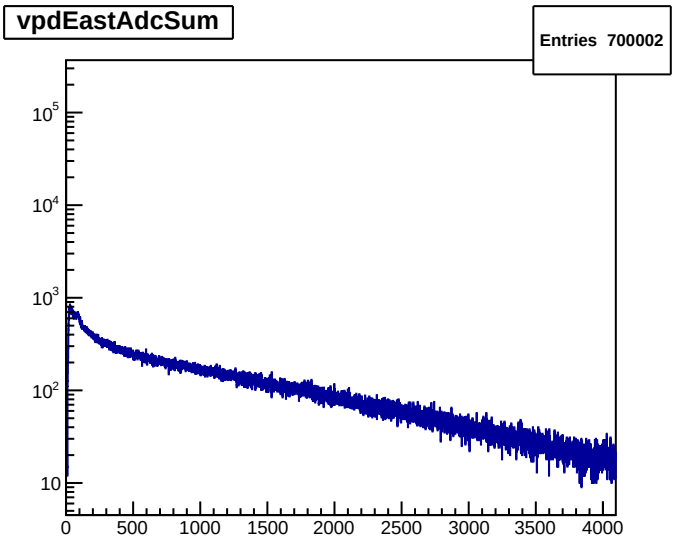

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

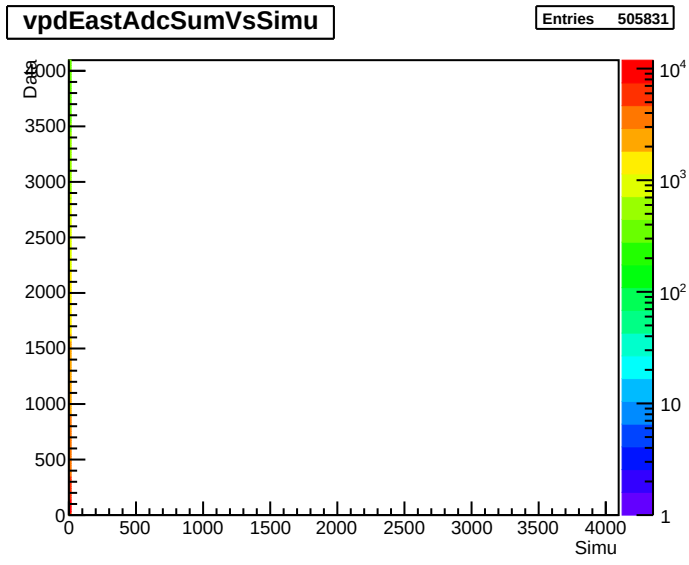

bbcSmallWestTacMax
Entries 700002

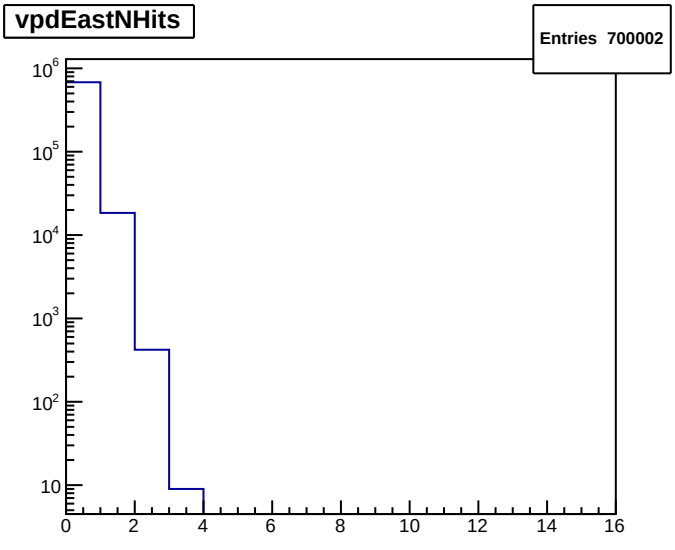

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

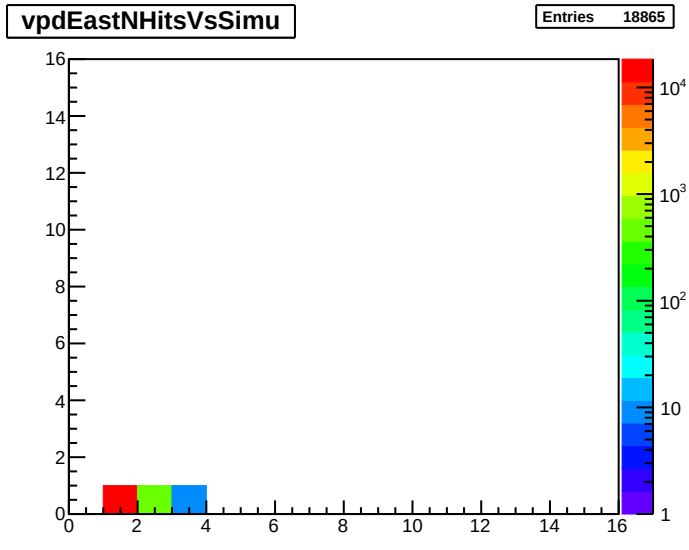

bbcLargeHit
Entries 1400004
1
0
618334
628249
81668
71753
E-Hit
W-Hit
10^5

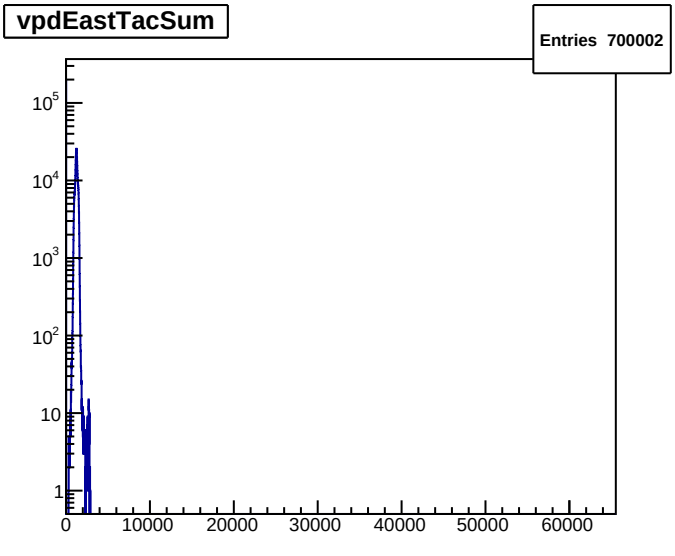

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

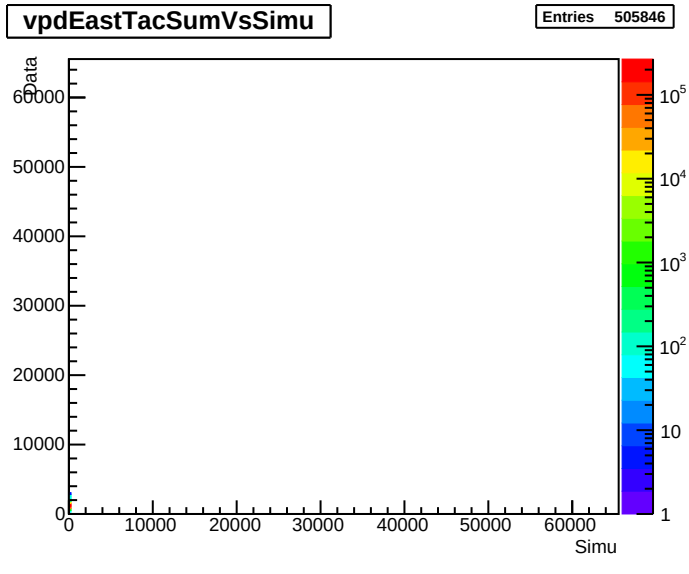

vpdEastAdcSum
Entries 700002

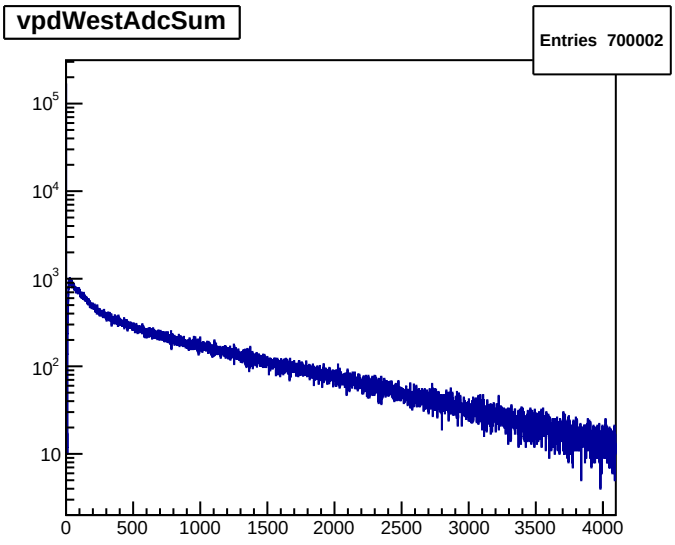

vpdEastAdcSumVsSimu
Entries 505831
Data
Simu

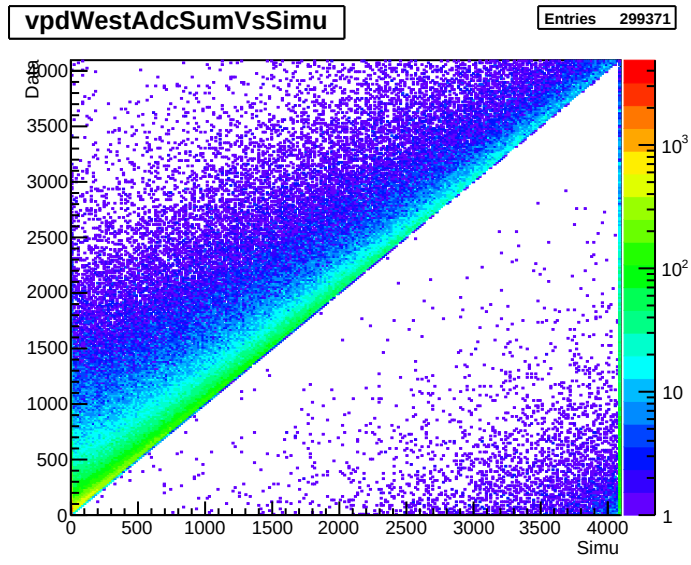

vpdEastNHits
Entries 700002

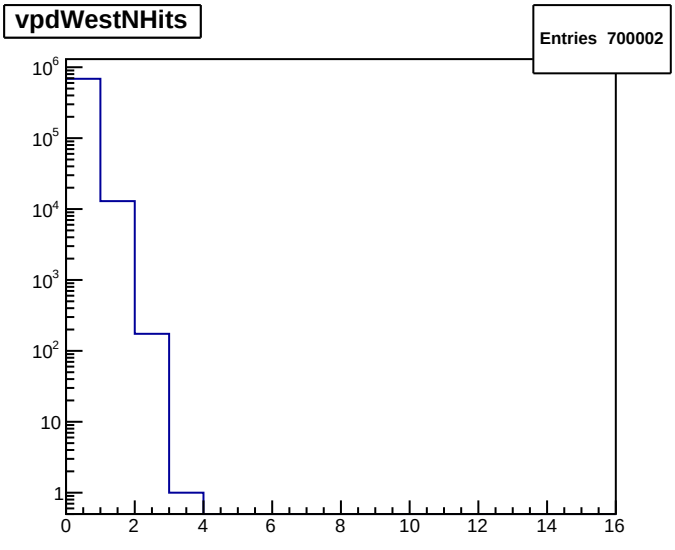

vpdEastNHitsVsSimu
Entries 18865

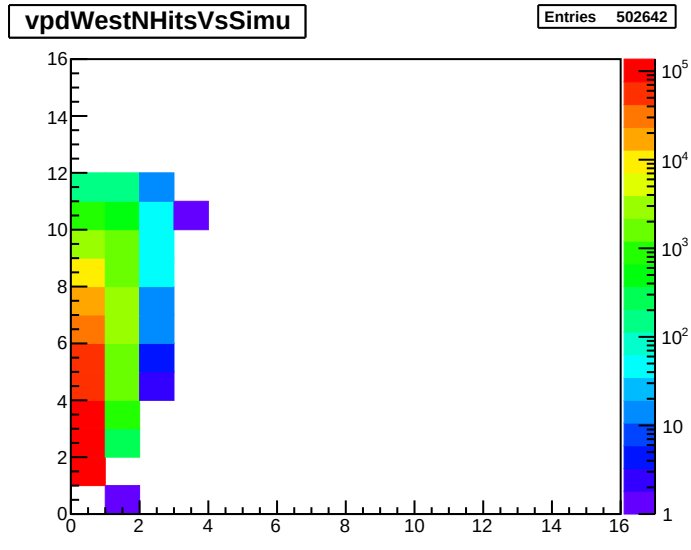

vpdEastTacSum
Entries 700002

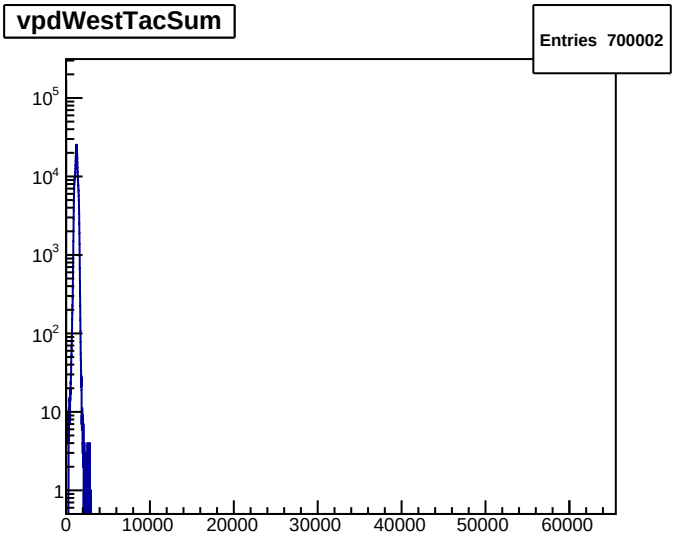

vpdEastTacSumVsSimu
Entries 505846
Data
Simu

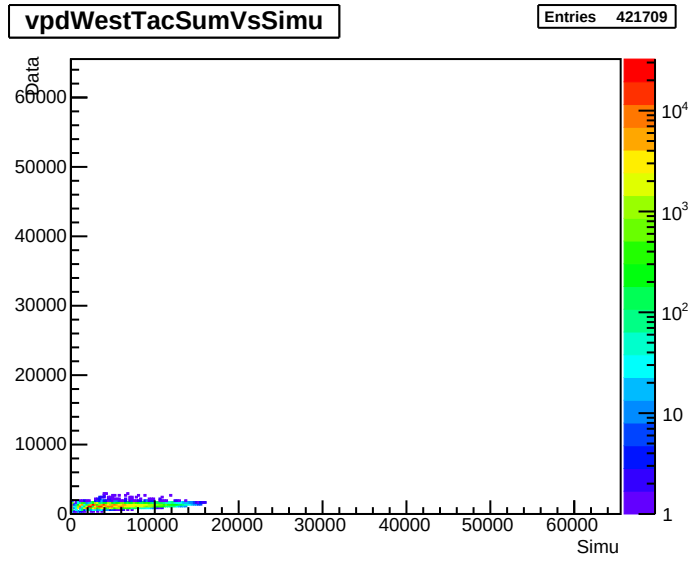

vpdWestAdcSum
Entries 700002

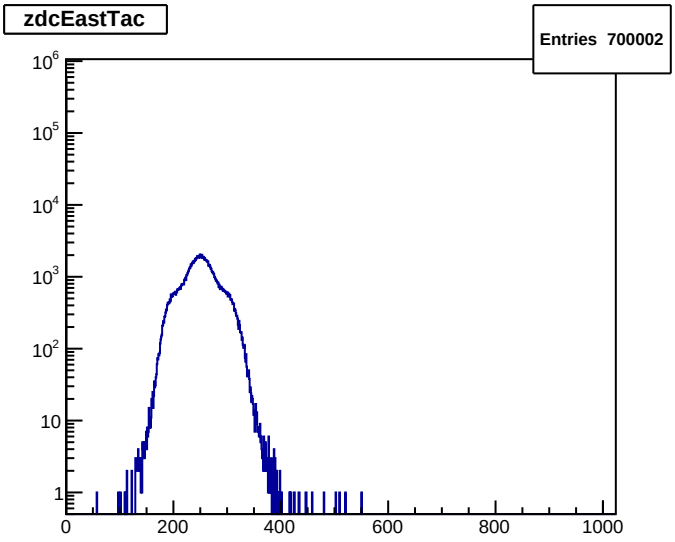

vpdWestAdcSumVsSimu
Entries 299371
Data
Simu

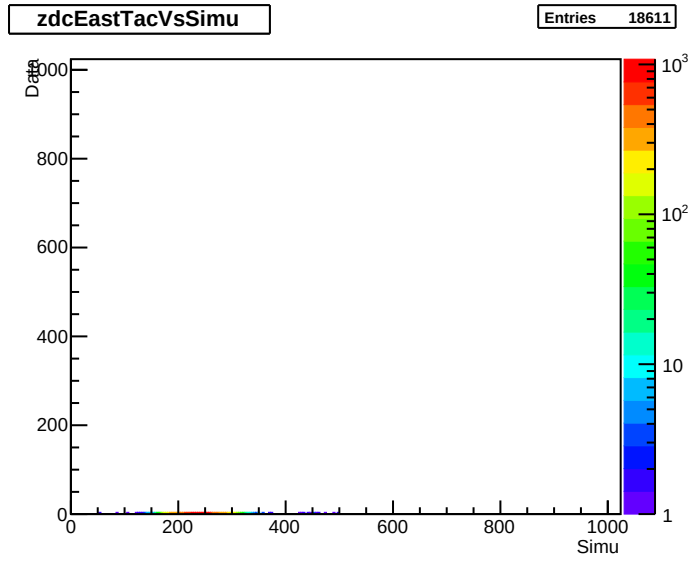

vpdWestNHits
Entries 700002

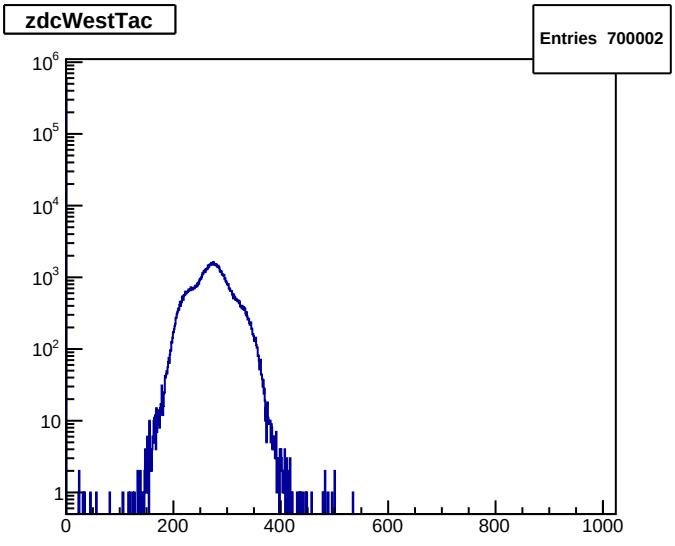

vpdWestNHitsVsSimu
Entries 502642

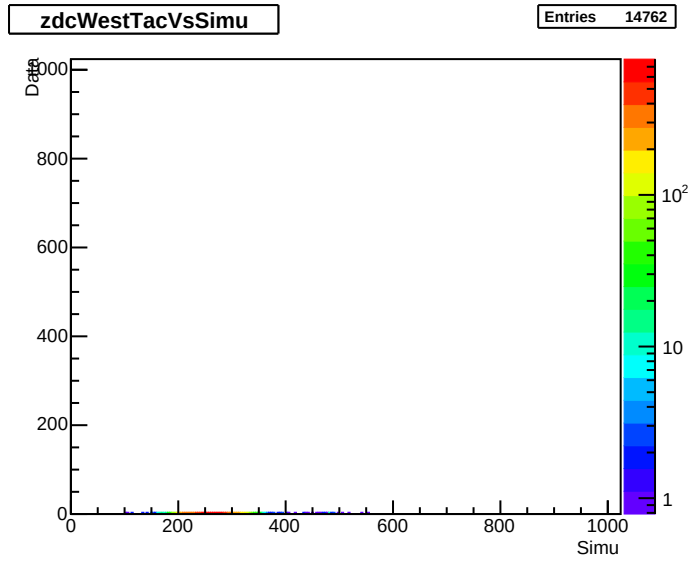

vpdWestTacSum
Entries 700002

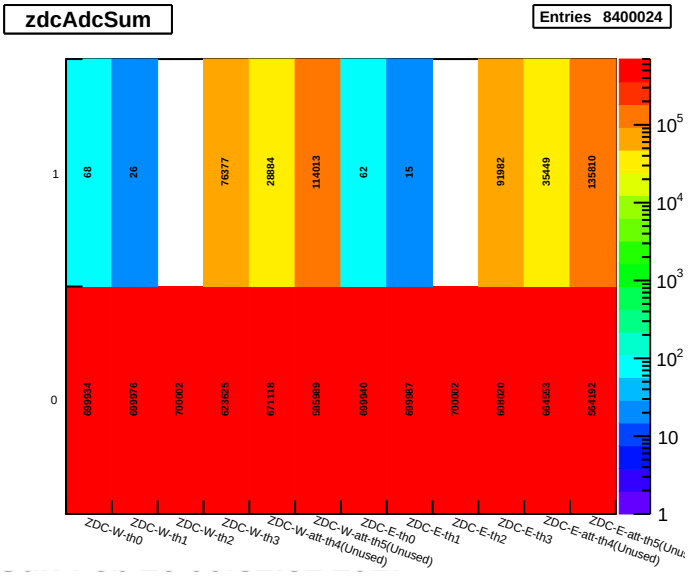

vpdWestTacSumVsSimu
Entries 421709
Data
Simu

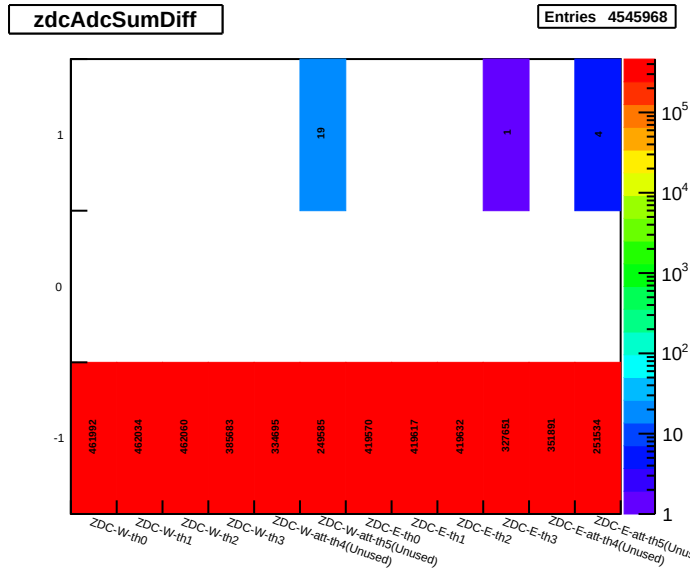

zdcEastTac
Entries 700002

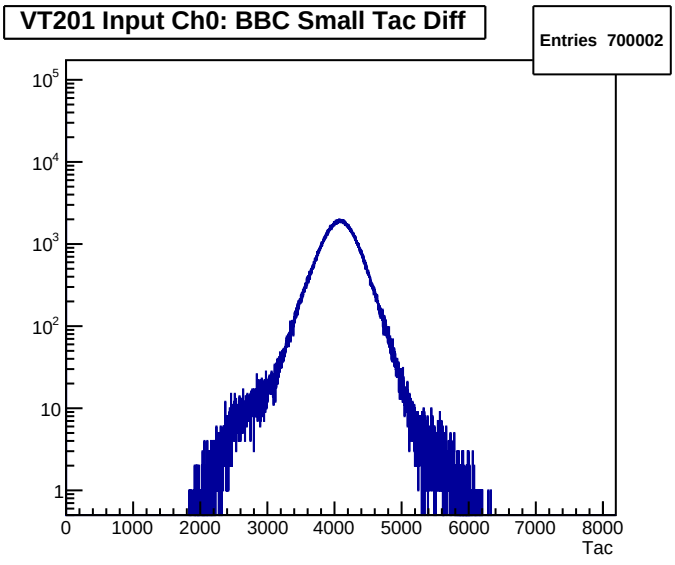

zdcEastTacVsSimu
Entries 18611
Data
Simu

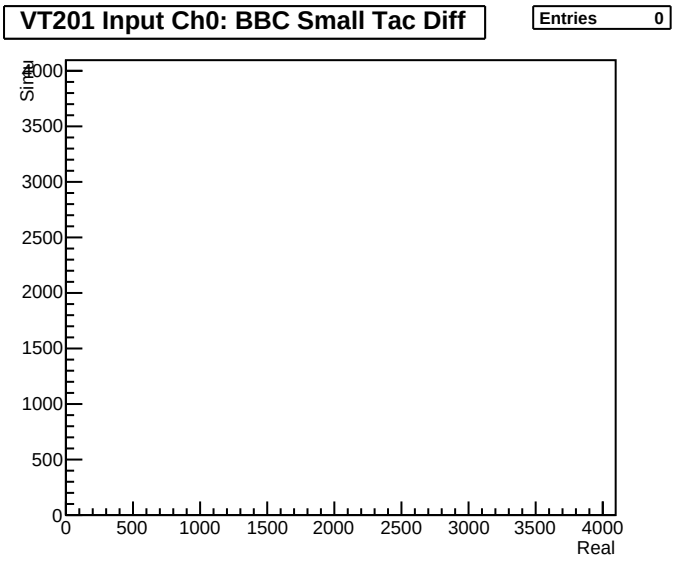

zdcWestTac
Entries 700002

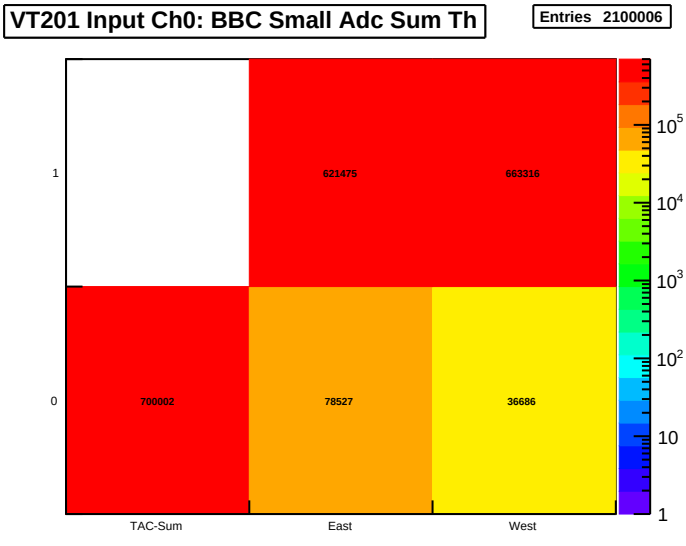

zdcWestTacVsSimu
Entries 14762
Data
Simu

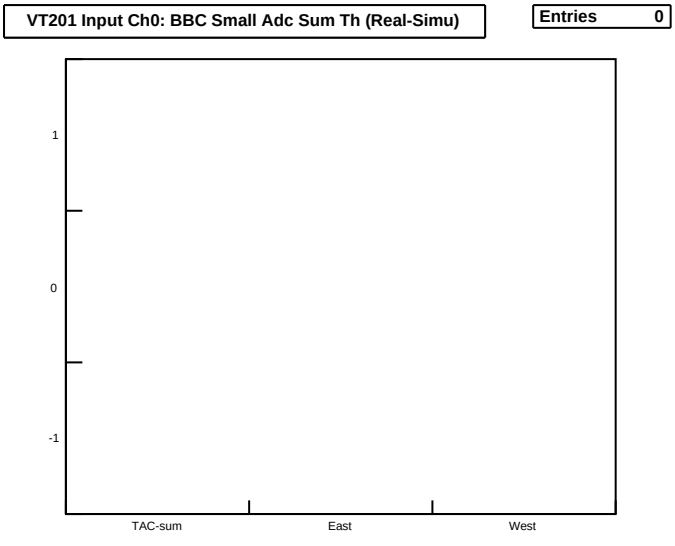

zdcAdcSum
Entries 8400024
68
26
76377
28884
114013
62
15
91982
35449
135810
699934
699976
700002
623625
671118
585889
699940
699987
700002
608020
664553
564192
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

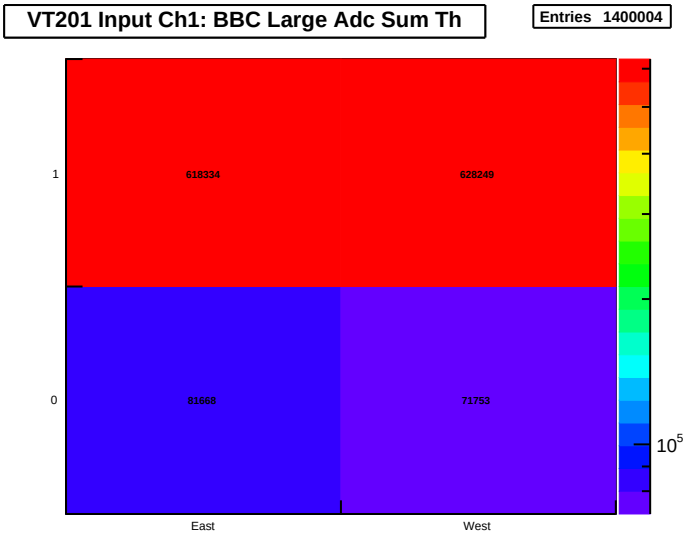

zdcAdcSumDiff
Entries 4545968
19
1
4
461992
462034
462060
385683
334695
240585
419570
419617
419632
327651
351891
251534
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

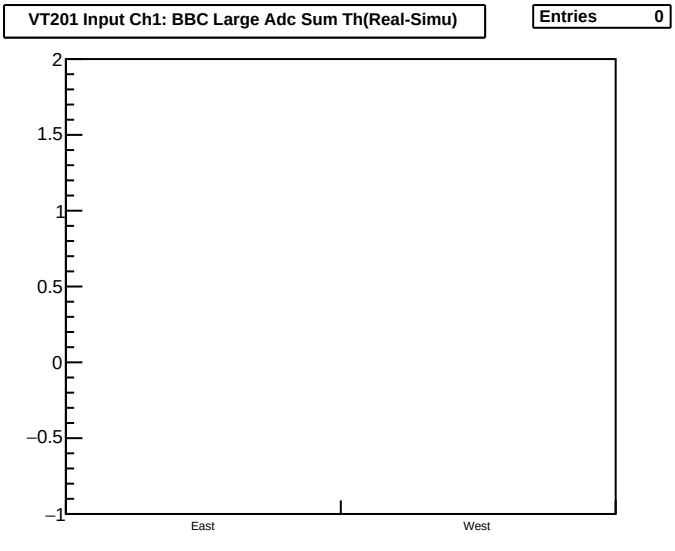

VT201 Input Ch0: BBC Small Tac Diff
Entries 700002
Tac


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

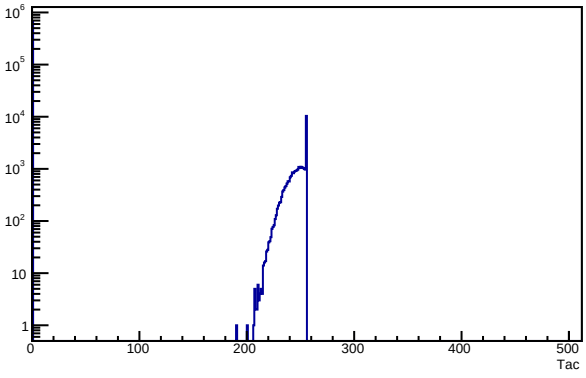

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2100006
621475
663316
700002
78527
36686
TAC-Sum
East
West


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

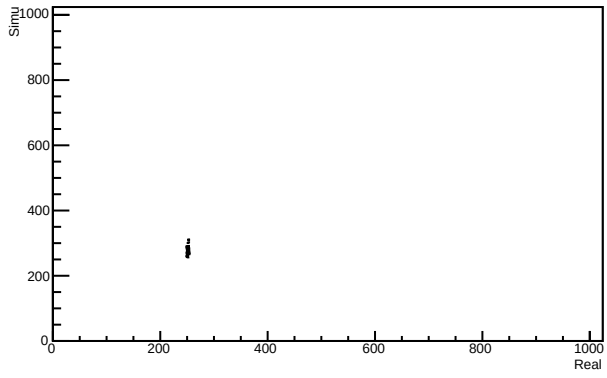

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1400004
618334
628249
81668
71753
East
West


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

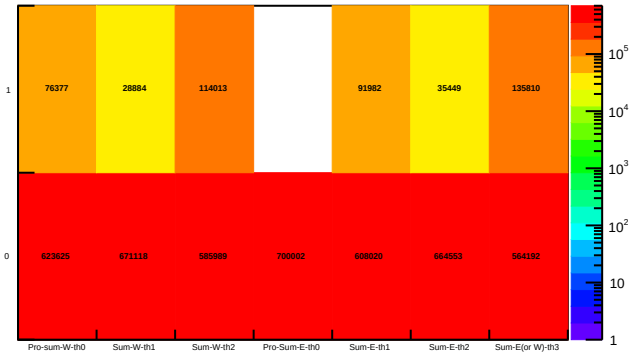
VT201 Input Ch2: ZDC Tac Diff



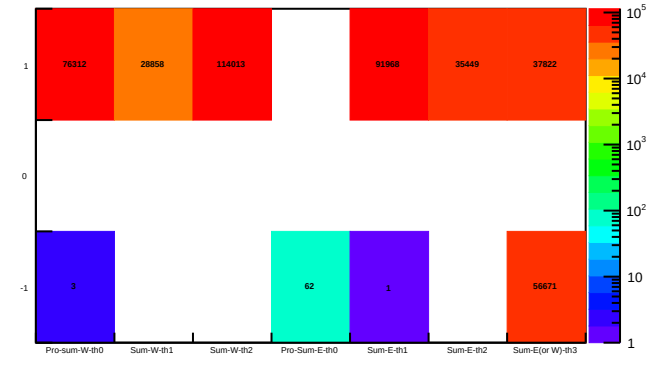
VT201 Input Ch2: ZDC Tac Diff



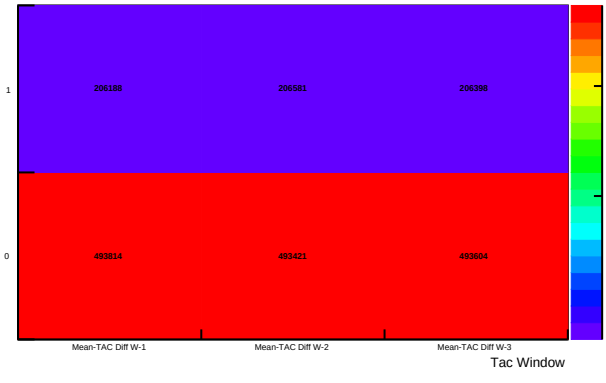
VT201 Input Ch2: ZDC Adc Sum Th



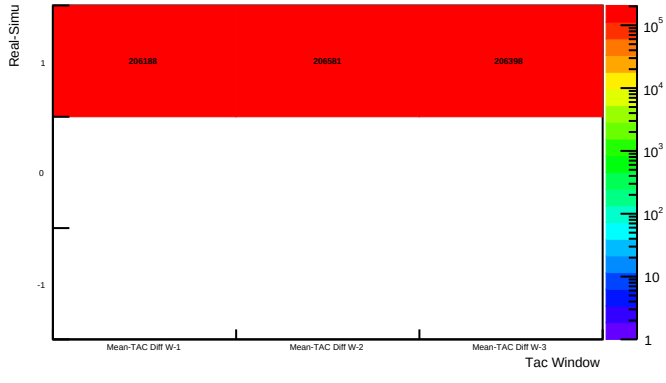
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



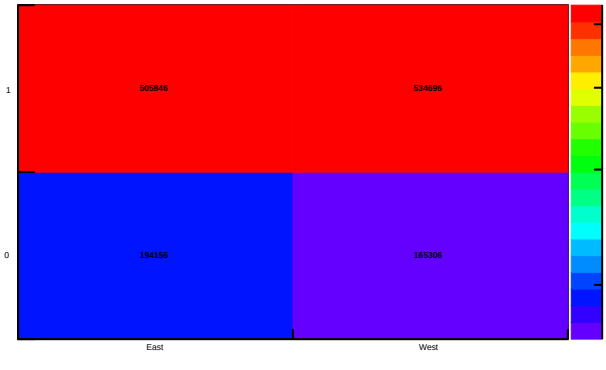
VT201 Input Ch4: VPD Tac Diff



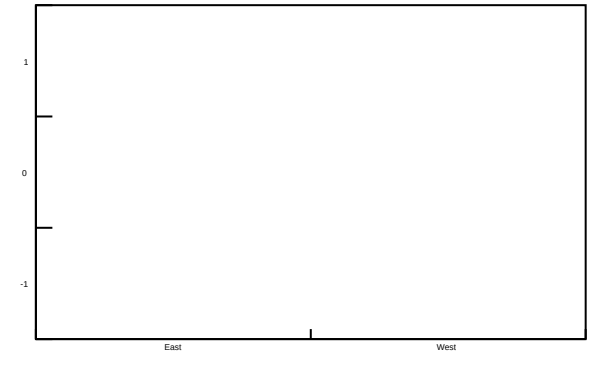
VT201 Input Ch4: VPD Tac Diff

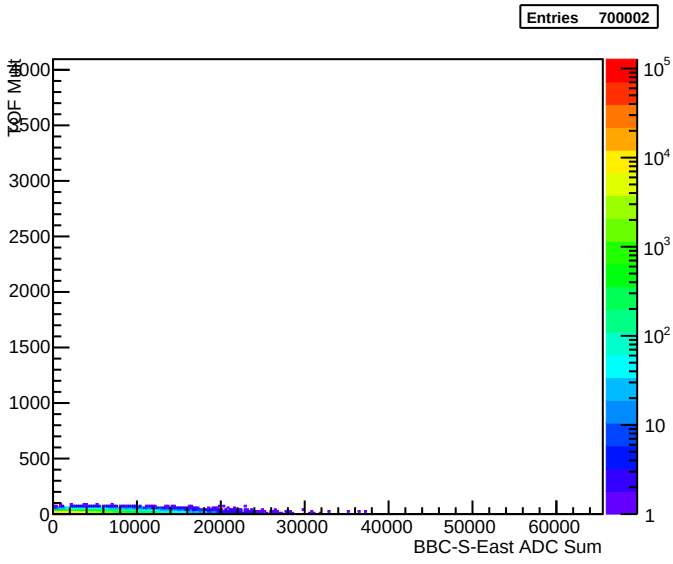


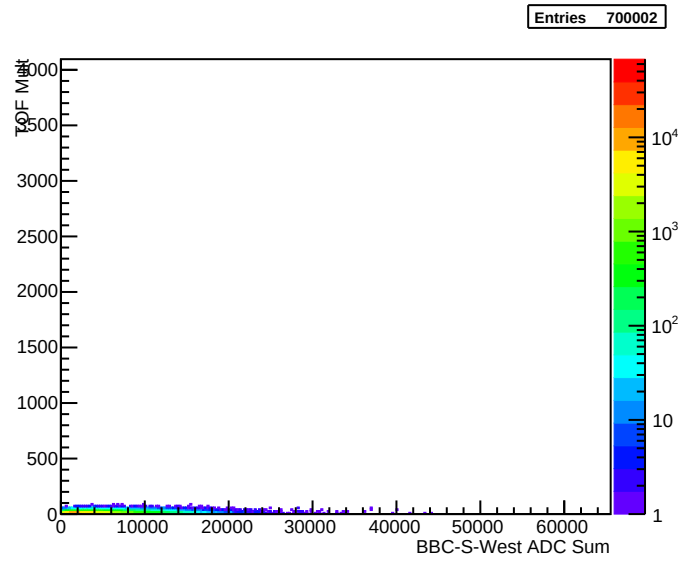
VT201 Input Ch4: VPD Adc Sum Th

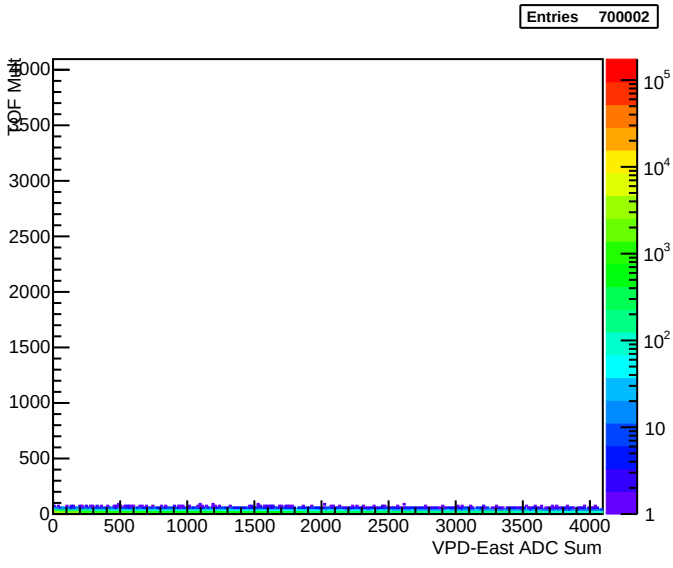


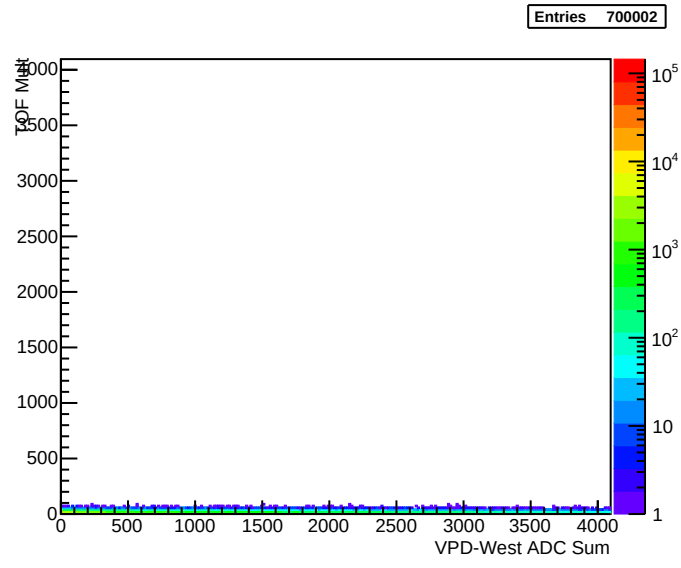
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

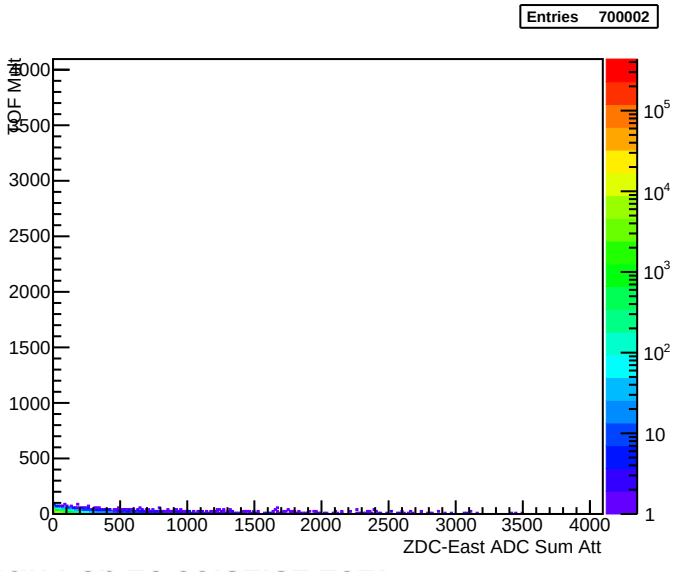


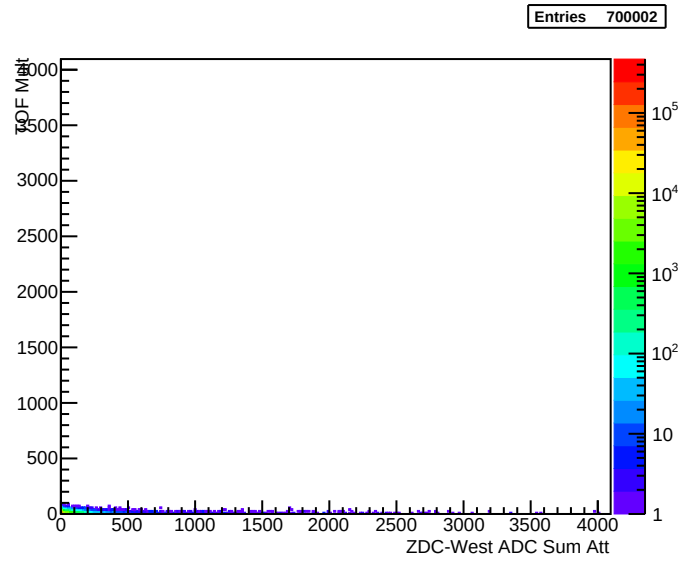

Entries 700002
TOF Mult
BBC-S-East ADC Sum

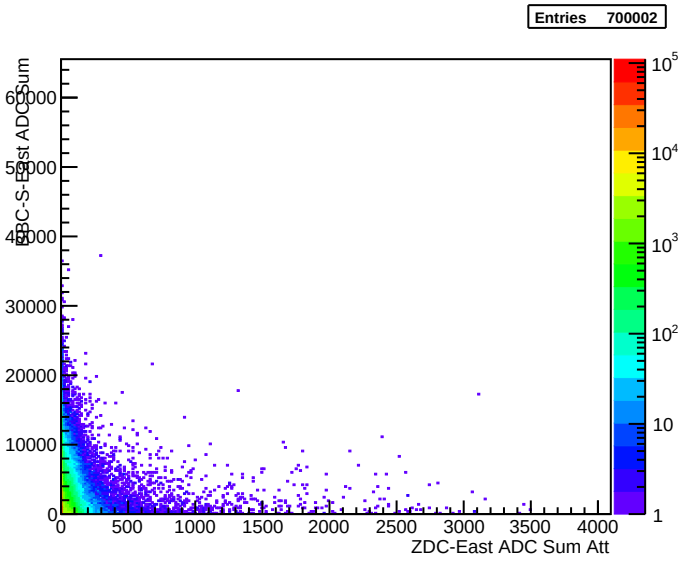

Entries 700002
TOF Mult
BBC-S-West ADC Sum

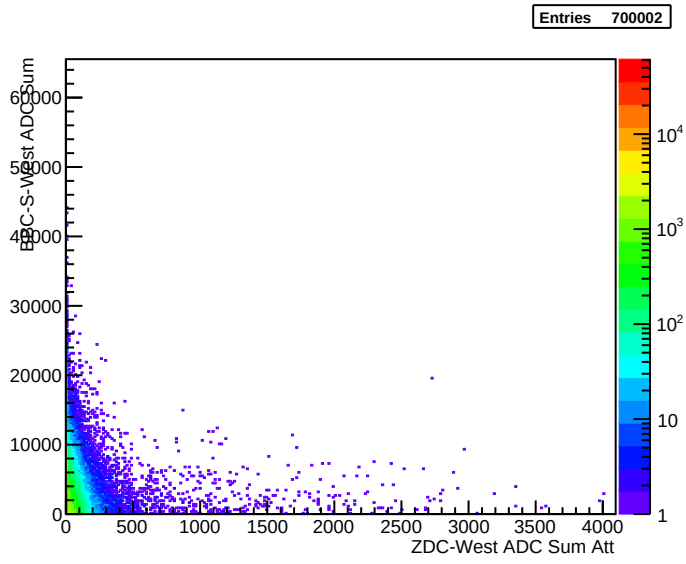

Entries 700002
TOF Mult
VPD-East ADC Sum

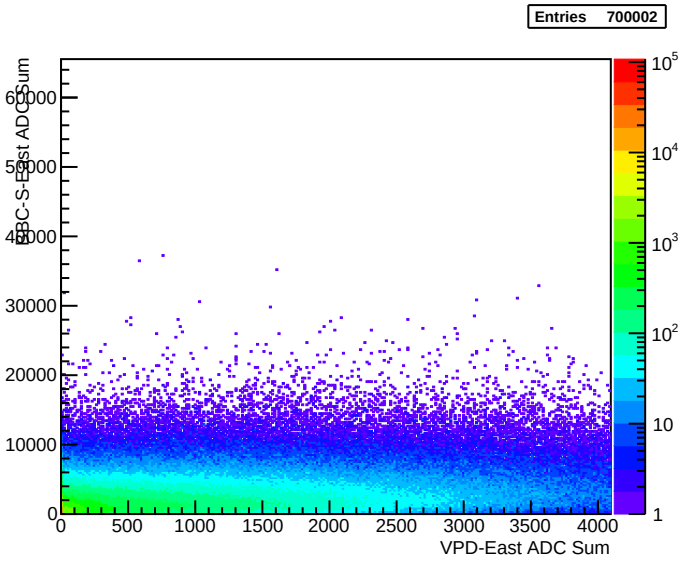

Entries 700002
TOF Mult
VPD-West ADC Sum

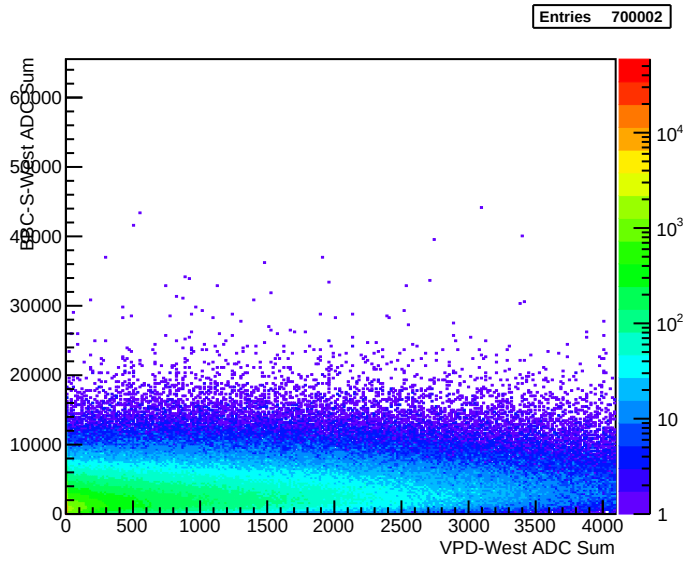

Entries 700002
TOF Mult
ZDC-East ADC Sum Att

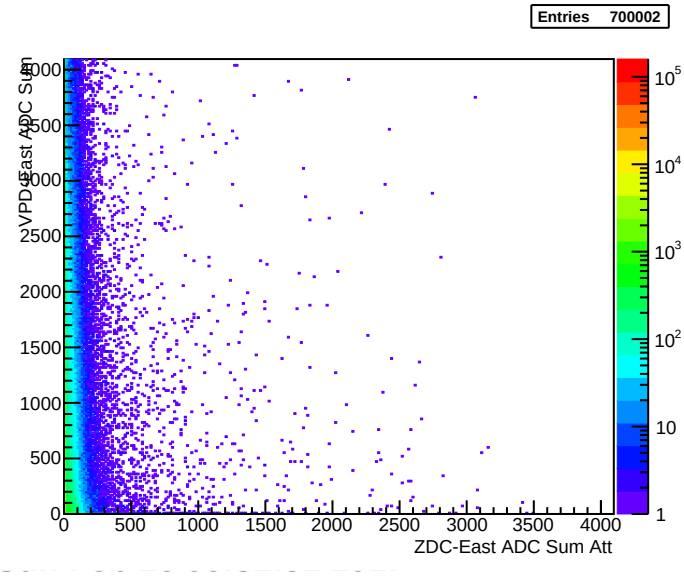

Entries 700002
TOF Mult
ZDC-West ADC Sum Att

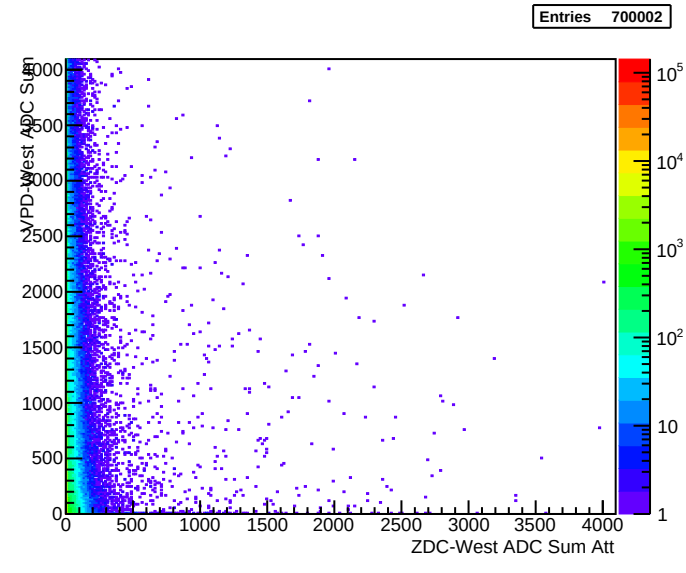

Entries 700002
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

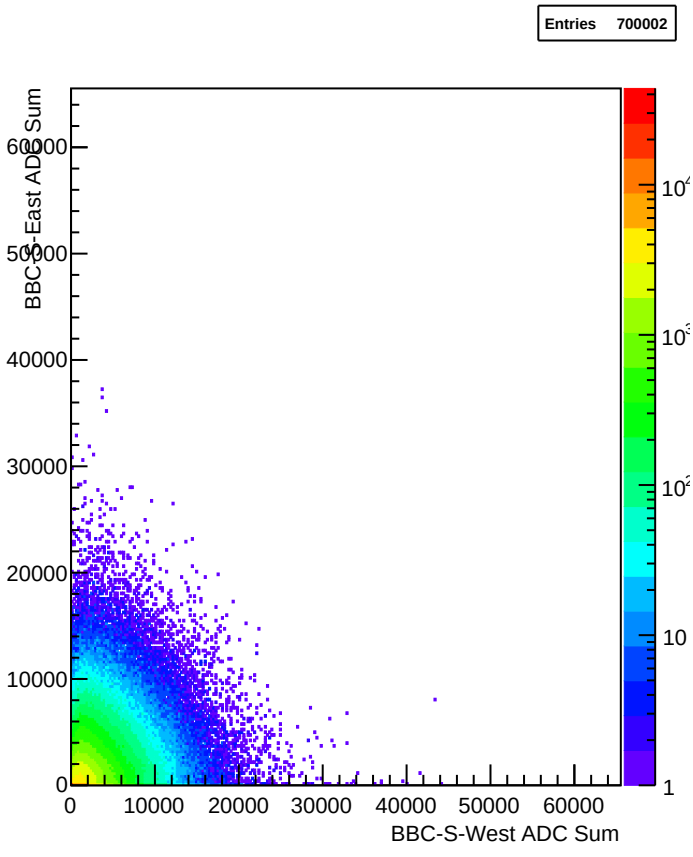

Entries 700002
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

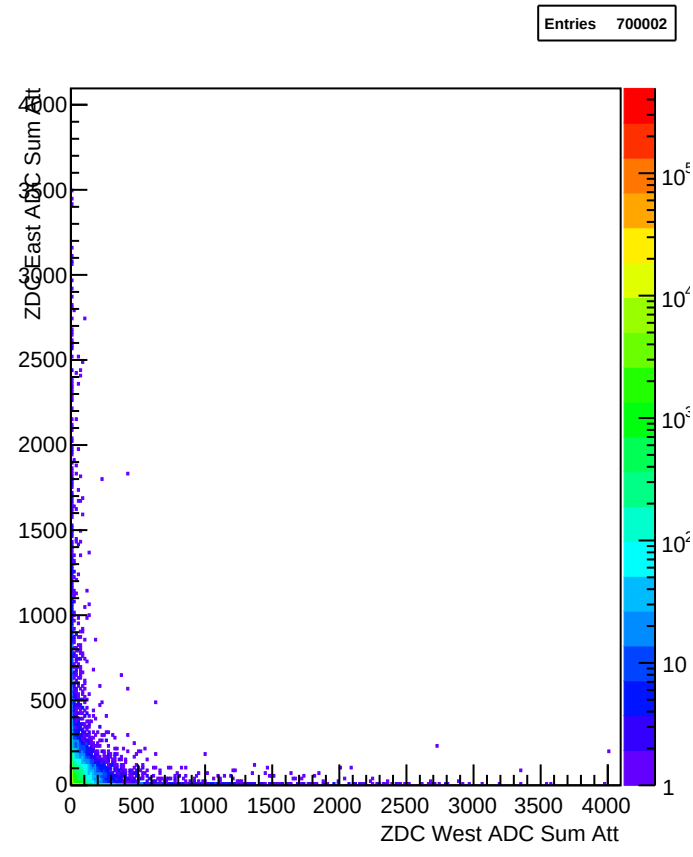

Entries 700002
BBC-S-East ADC Sum
VPD-East ADC Sum

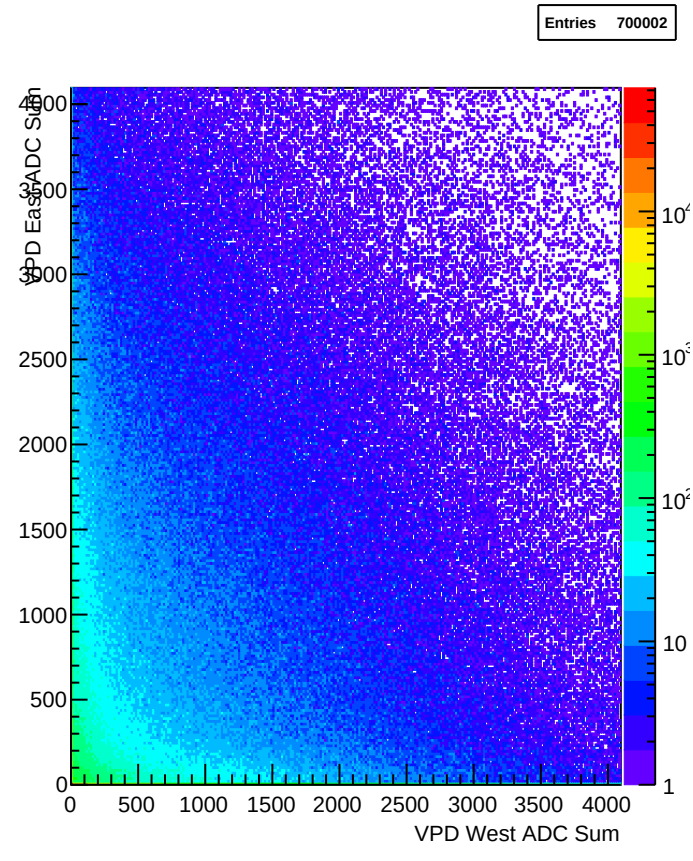

Entries 700002
BBC-S-West ADC Sum
VPD-West ADC Sum

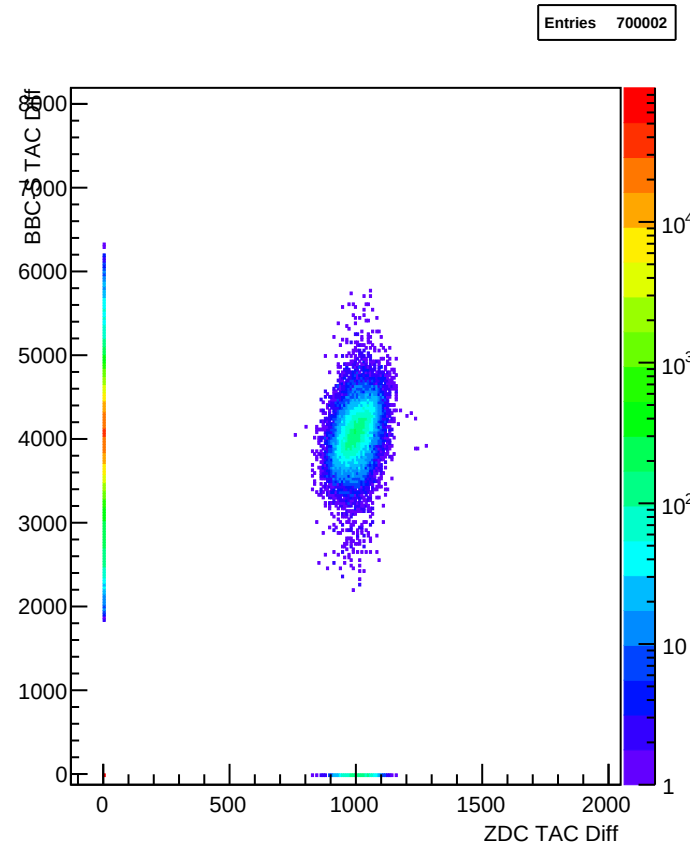

Entries 700002
VPD-East ADC Sum
ZDC-East ADC Sum Att

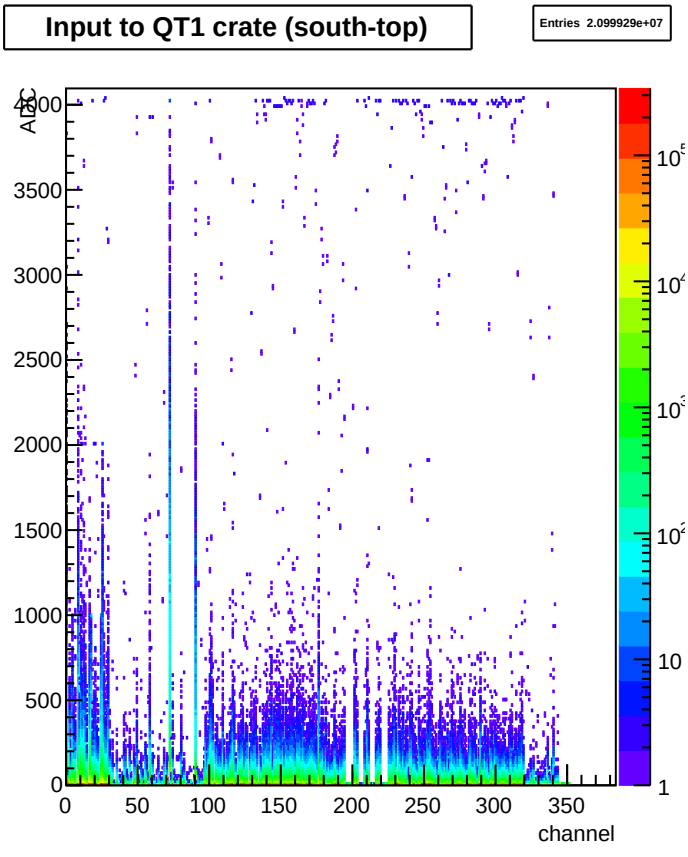

Entries 700002
VPD-West ADC Sum
ZDC-West ADC Sum Att

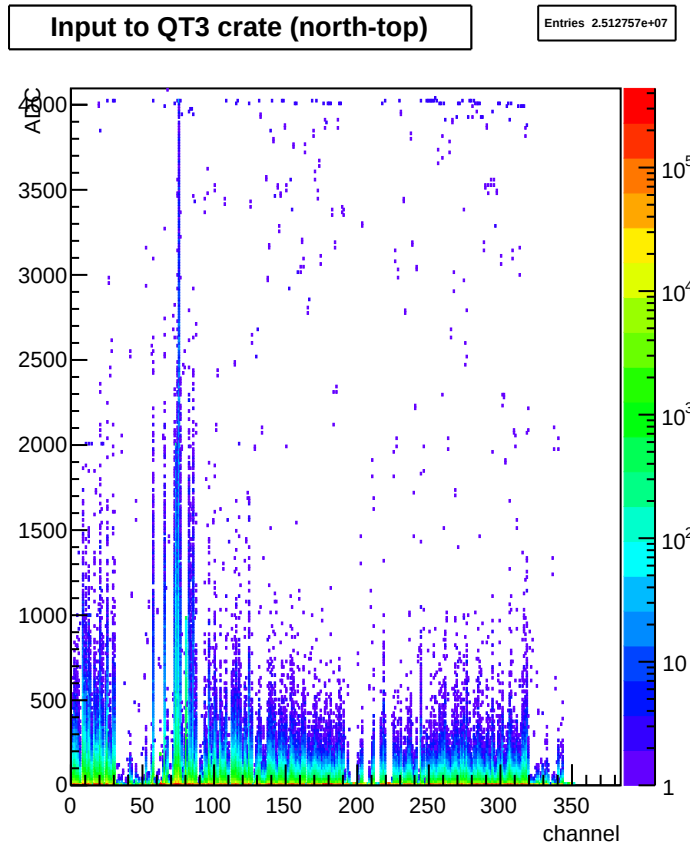

Entries 700002
BBC-S-East ADC Sum
BBC-S-West ADC Sum

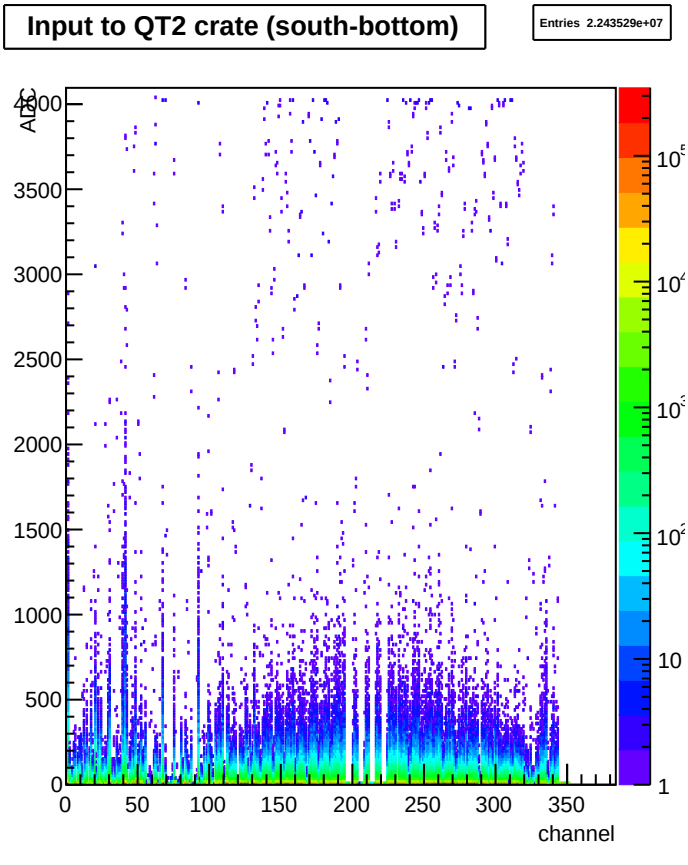

Entries 700002
ZDC East ADC Sum Att
ZDC West ADC Sum Att

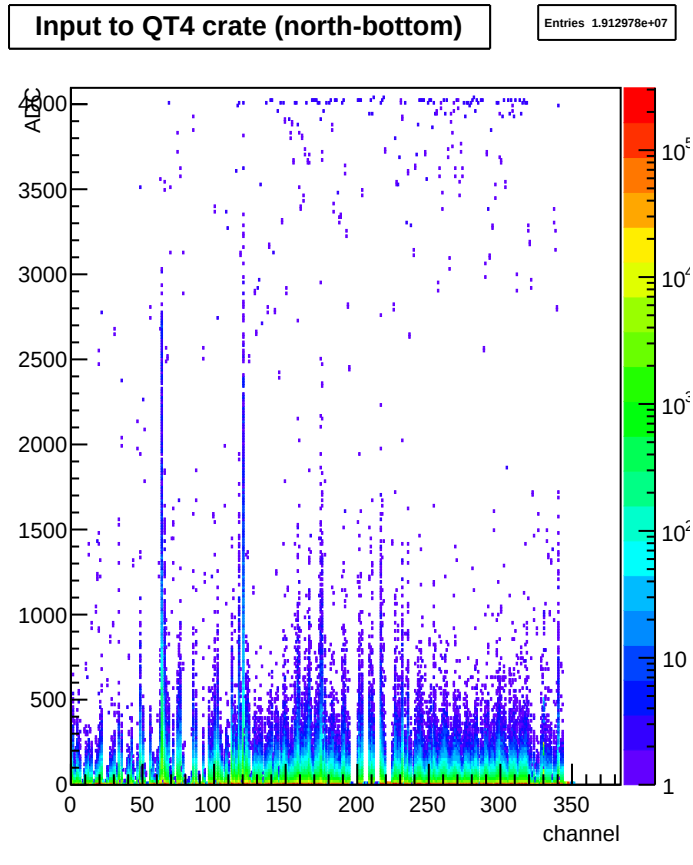

Entries 700002
VPD East ADC Sum
VPD West ADC Sum

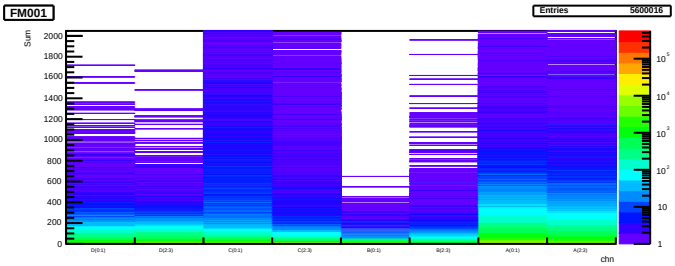

Entries 700002
BBC-S TAC Diff
ZDC TAC Diff

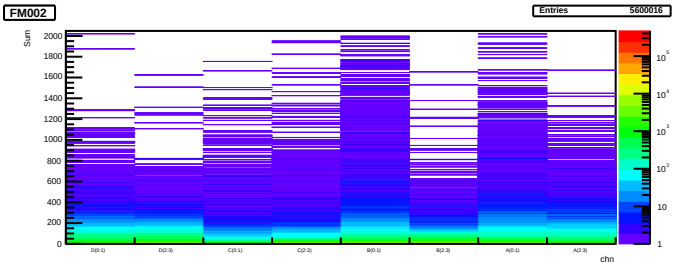

Input to QT1 crate (south-top)
Entries 2.099929e+07
ADC
channel

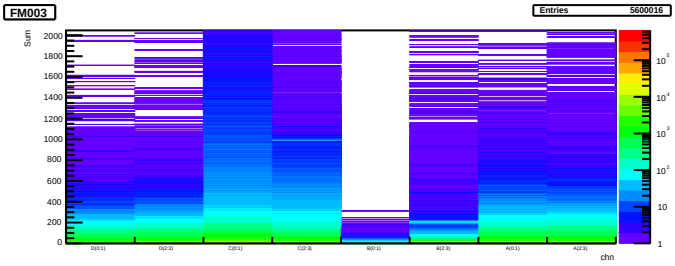

Input to QT3 crate (north-top)
Entries 2.512757e+07
ADC
channel

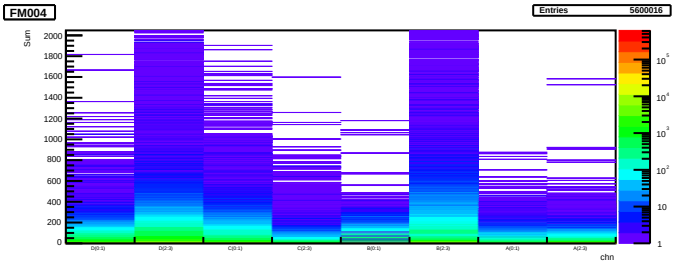

Input to QT2 crate (south-bottom)
Entries 2.243529e+07
ADC
channel

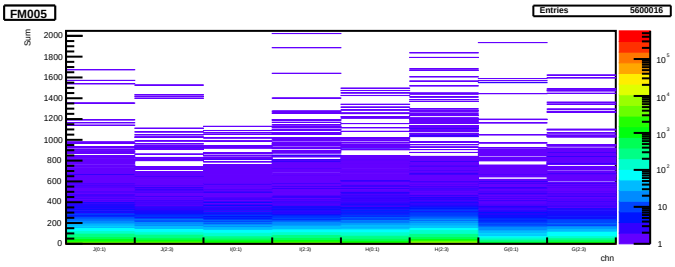

Input to QT4 crate (north-bottom)
Entries 1.912978e+07
ADC
channel

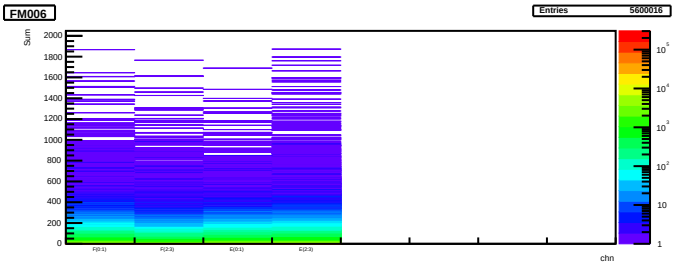

FM001
Entries 5600016
Sum
chn

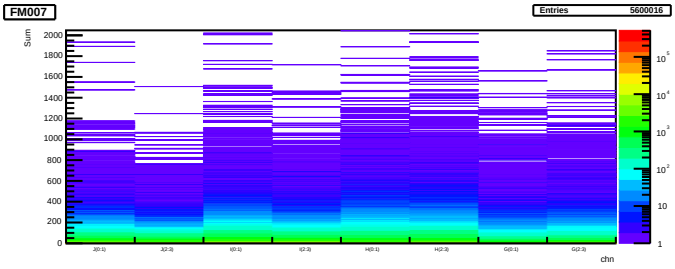

FM002
Entries 5600016
Sum
chn

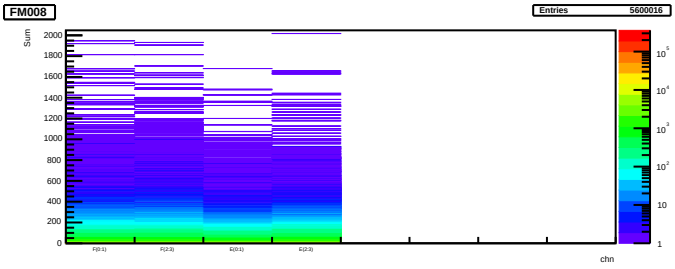

FM003
Entries 5600016
Sum
chn

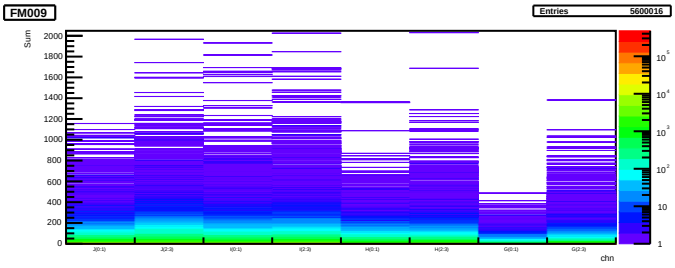

FM004
Entries 5600016
Sum
chn

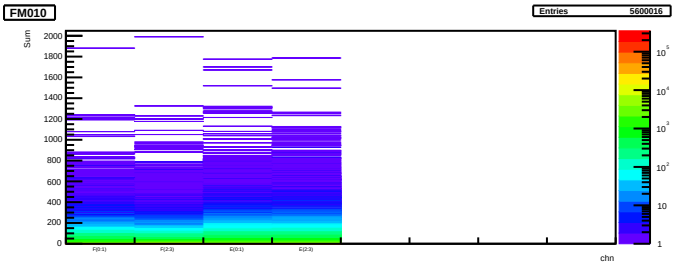

FM005
Entries 5600016
Sum
chn

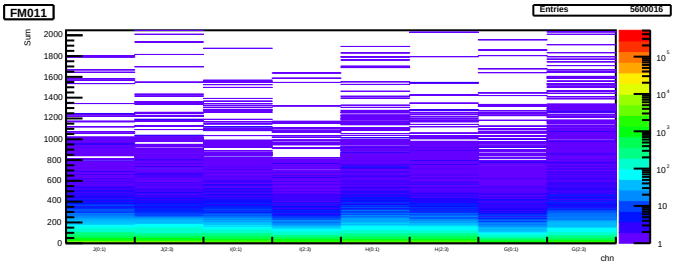

FM006
Entries 5600016
Sum
chn

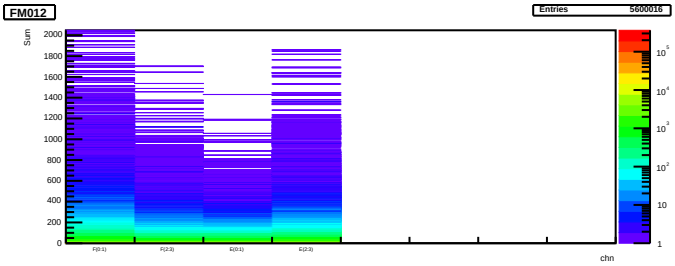

FM007
Entries 5600016
Sum
chn


FM008
Entries 5600016
Sum
chn


FM009
Entries 5600016
Sum
chn


FM010
Entries 5600016
Sum
chn


FM011
Entries 5600016
Sum
chn


FM012
Entries 5600016
Sum
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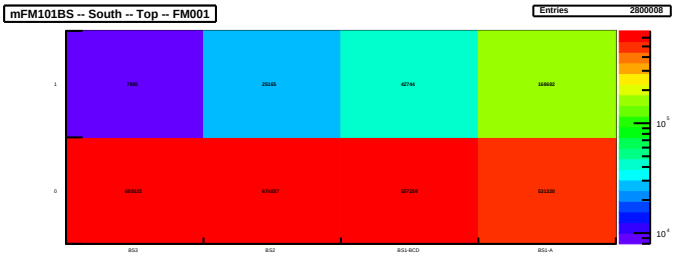
mFM101BS -- South -- Top -- FM001
Entries 2800008
7500
25165
42746
169682
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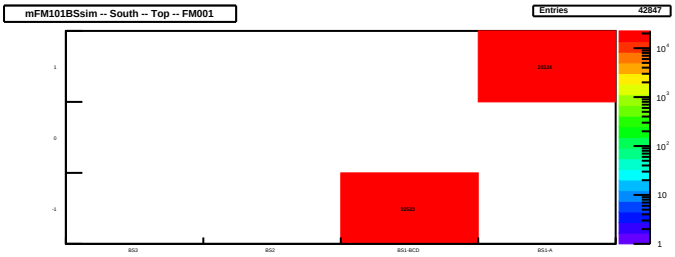
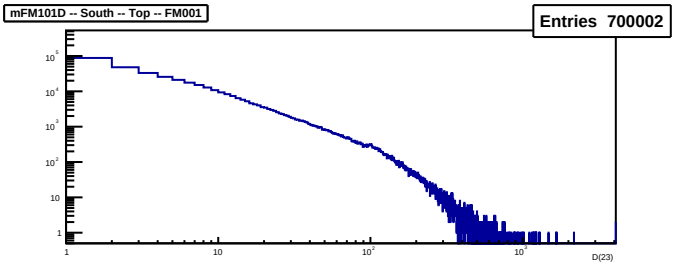
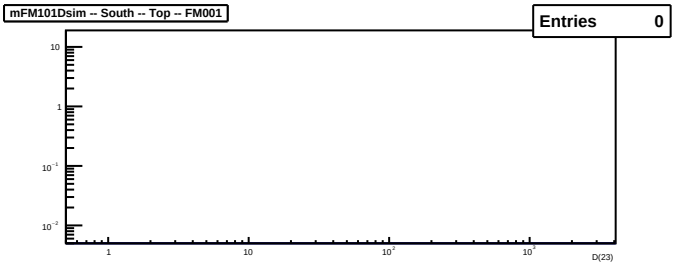
674937
657256
531330
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Top -- FM001
Entries 42847
29324
22523
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Top -- FM001
Entries 700002
D(23)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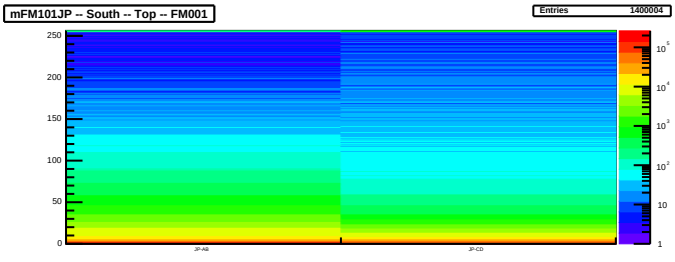
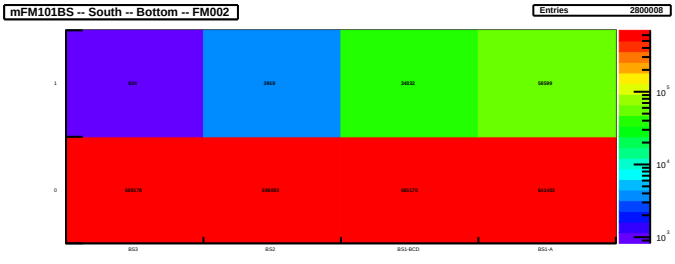
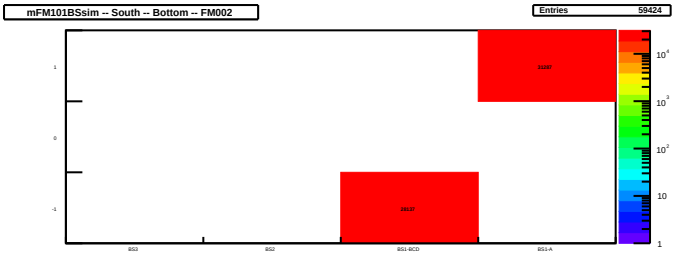
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 1400004
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 2800008
924
3919
34832
58599
699178
696083
665170
641403
BS3
BS2
BS1-BCD
BS1-A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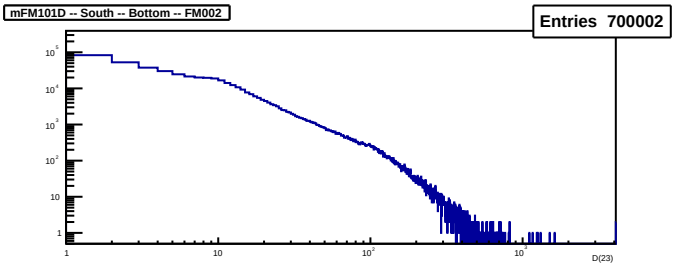
Entries 59424
31297
28137
BS3
BS2
BS1-BCD
BS1-A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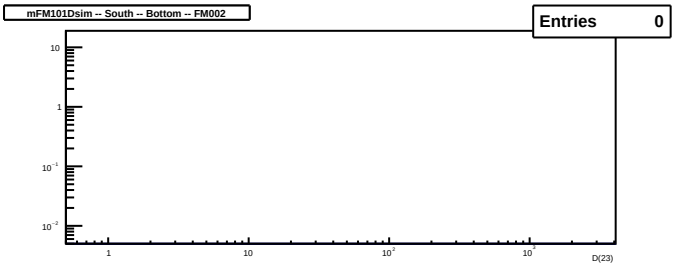
Entries 700002
D(23)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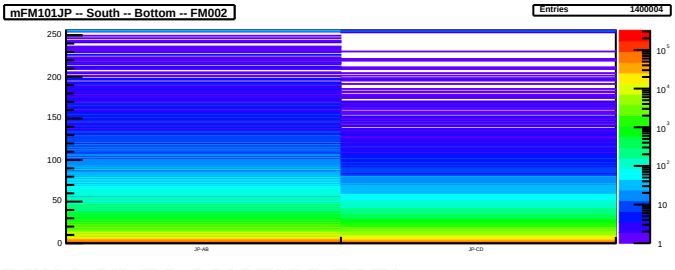
Entries 0
D(23)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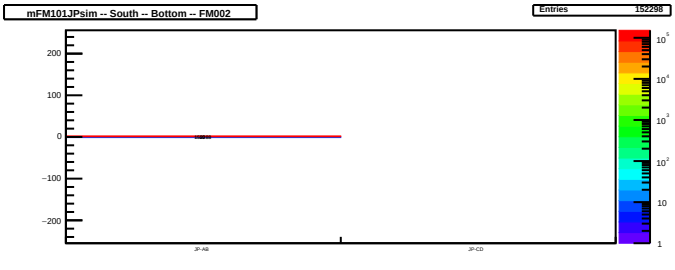
Entries 1400004
JP-AB
JP-CD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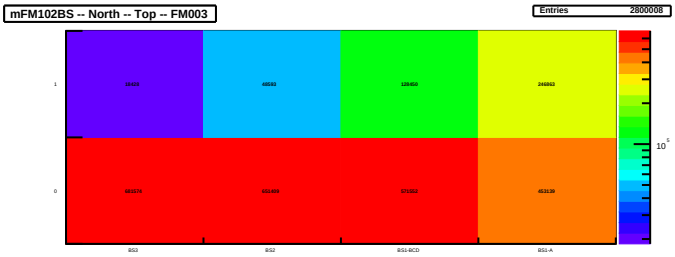
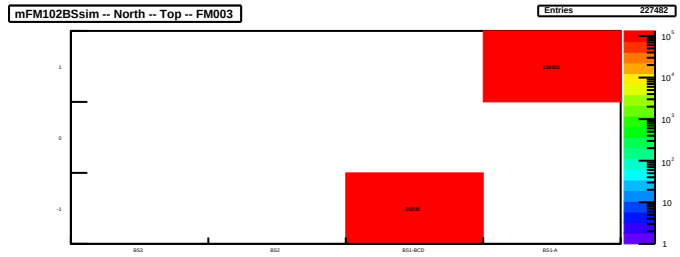
Entries 152298
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 2800008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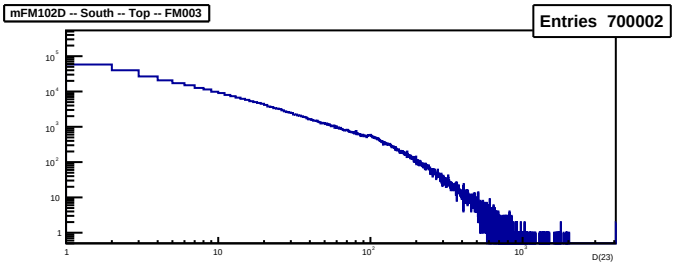
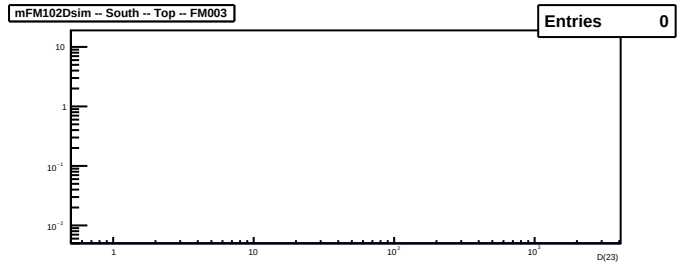
Entries 227482


mFM102D -- South -- Top -- FM003
Entries 700002
D(23)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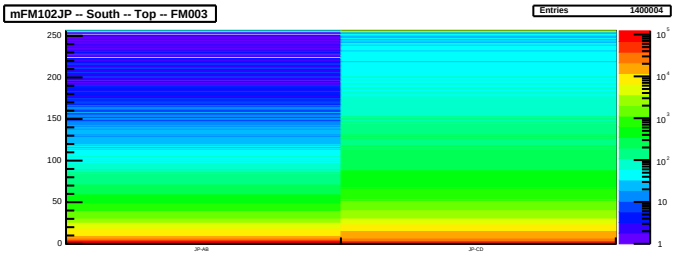
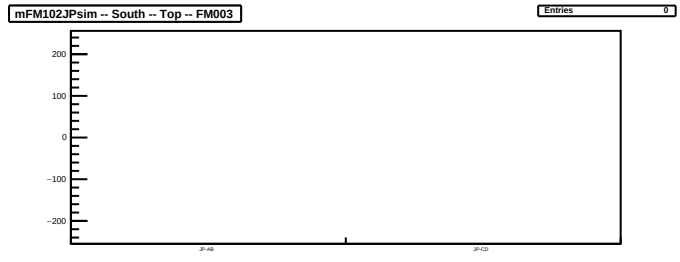
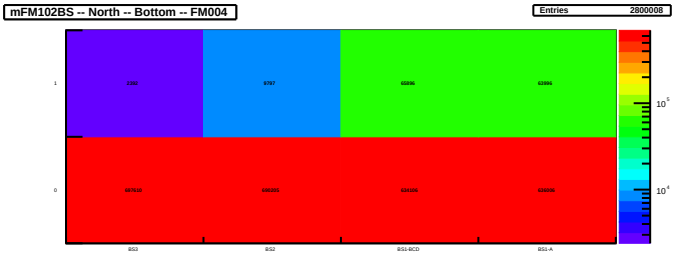
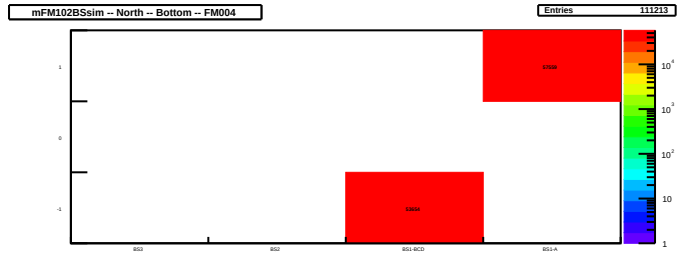
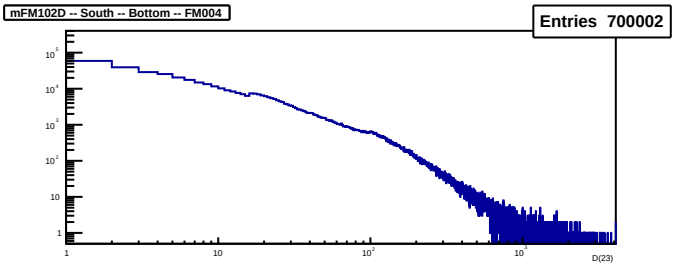
Entries 0
D(23)

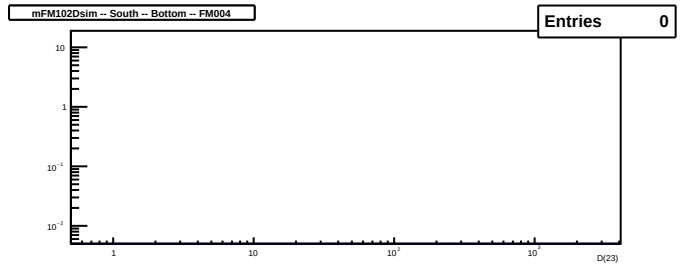

mFM102JP -- South -- Top -- FM003
Entries 1400004

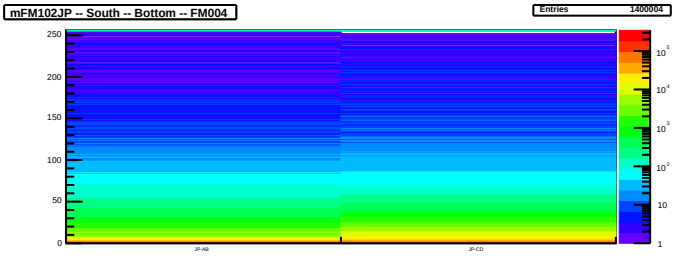

mFM102JPsim -- South -- Top -- FM003
Entries 0

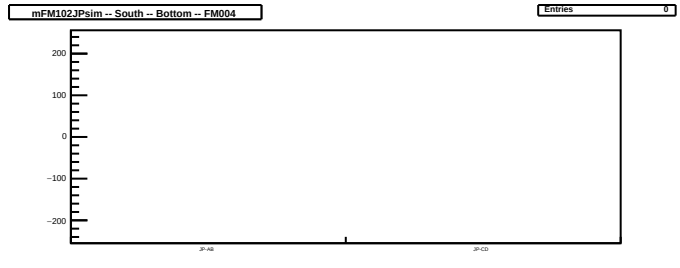

mFM102BS -- North -- Bottom -- FM004
Entries 2800008

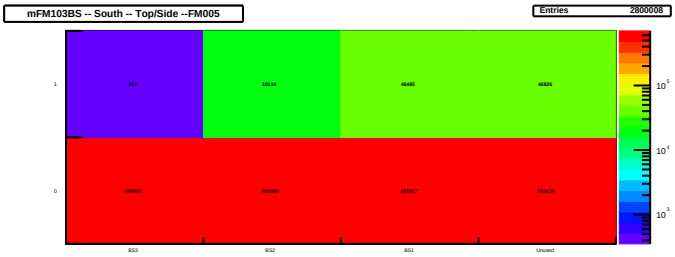

mFM102BSsim -- North -- Bottom -- FM004
Entries 111213

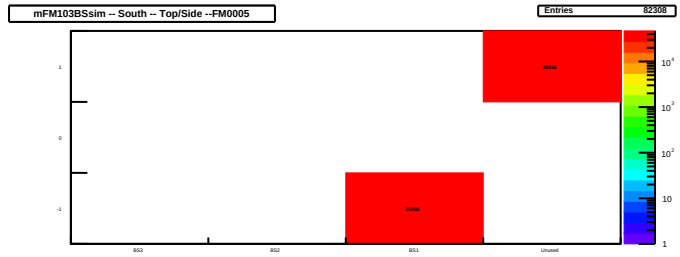

mFM102D -- South -- Bottom -- FM004
Entries 700002
D(23)

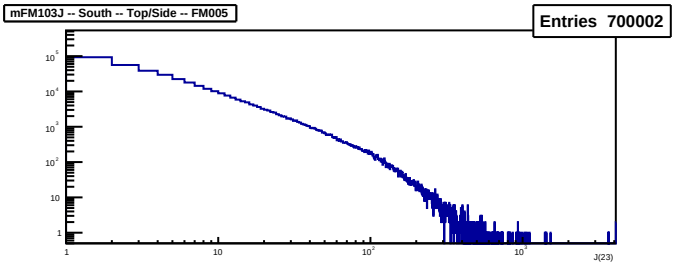

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

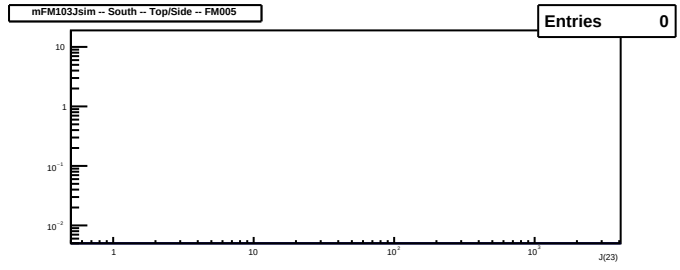

mFM102JP -- South -- Bottom -- FM004
Entries 1400004

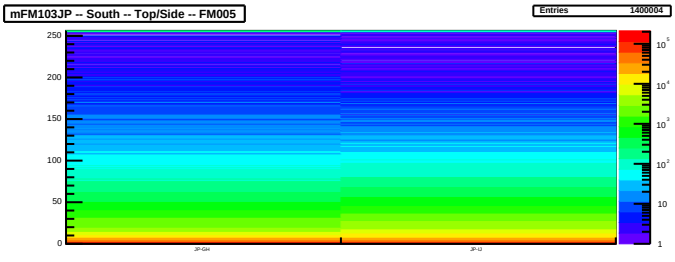

mFM102JPsim -- South -- Bottom -- FM004
Entries 0


mFM103BS -- South -- Top/Side --FM005
Entries 2800008

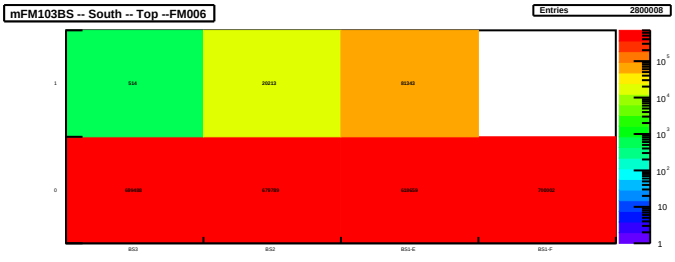

mFM103BSsim -- South -- Top/Side --FM0005
Entries 82308

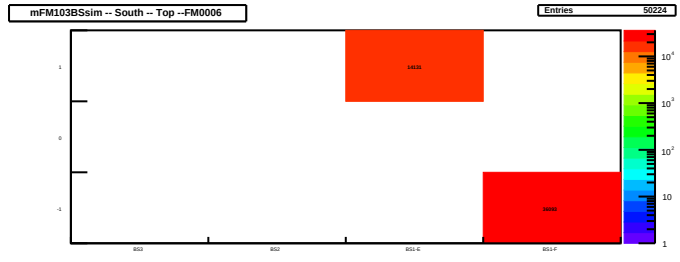

mFM103J -- South -- Top/Side -- FM005
Entries 700002
J(23)

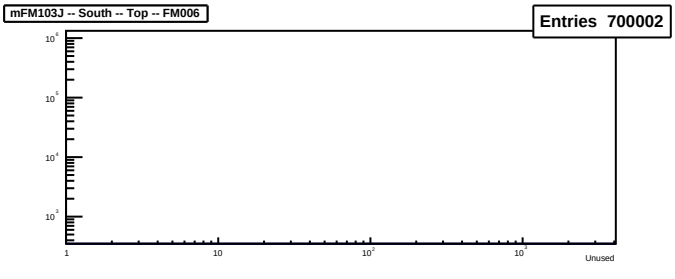

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

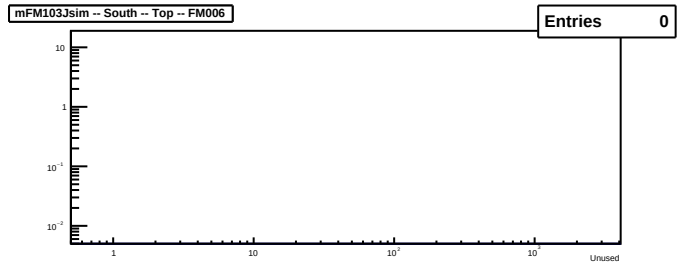

mFM103JP -- South -- Top/Side -- FM005
Entries 1400004

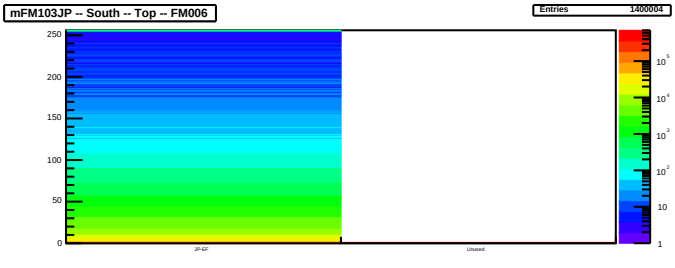
mFM103JPsim -- South -- Top/Side -- FM005
Entries 0


mFM103BS -- South -- Top --FM006
Entries 2800008


mFM103BSsim -- South -- Top --FM0006
Entries 50224


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


mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused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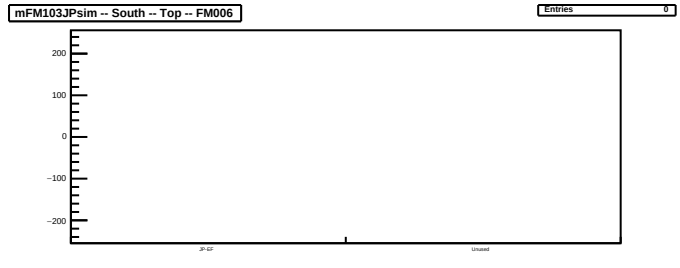
Entries 1400004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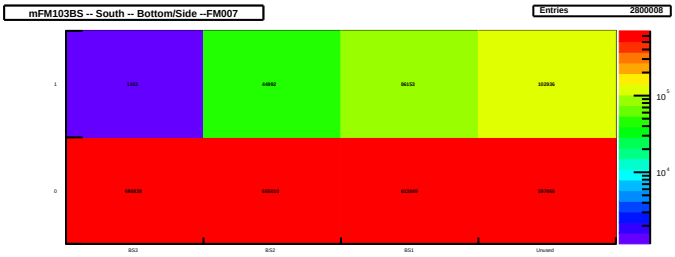
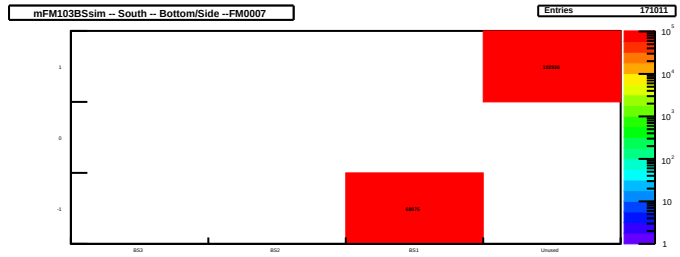
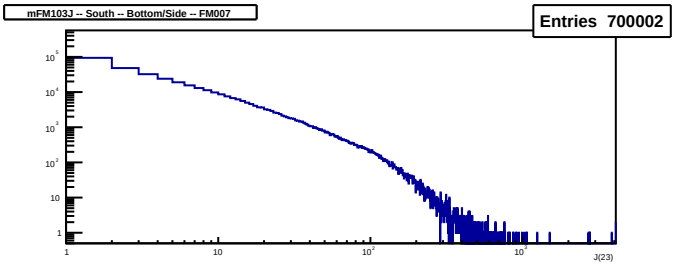
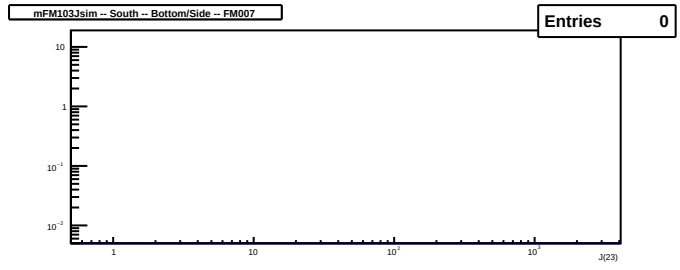
Entries 0


mFM103BS -- South -- Bottom/Side --FM007
Entries 2800008
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 171011
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 700002
J(23)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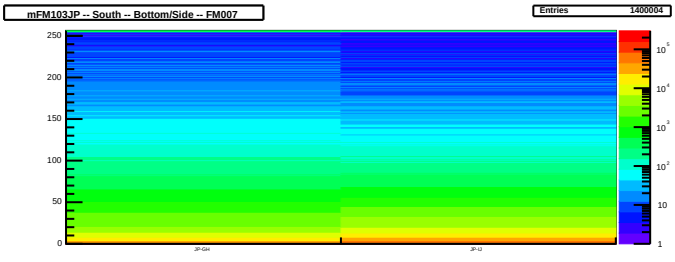
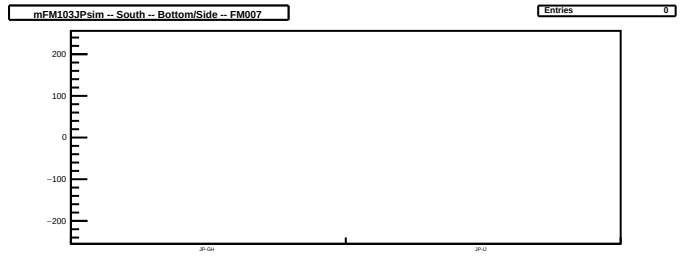
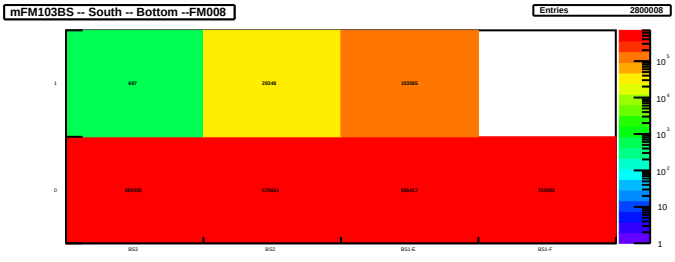
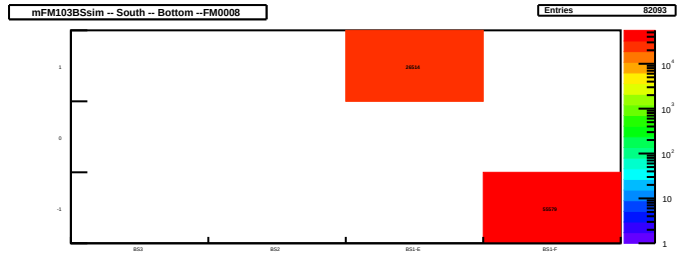
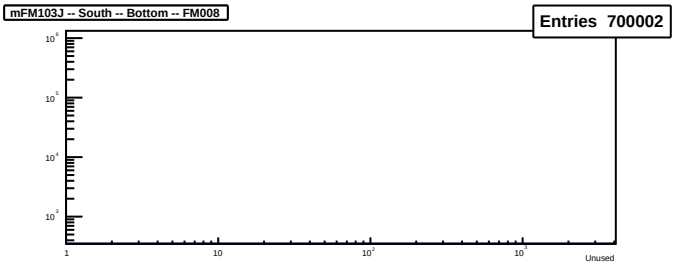
Entries 0
J(23)

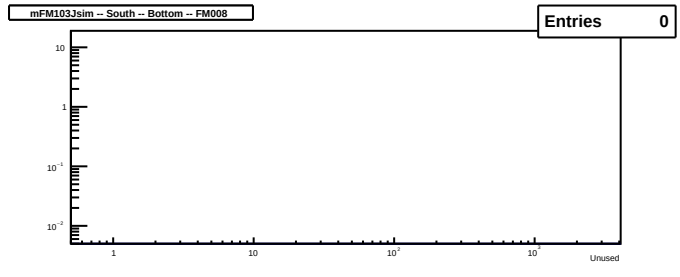

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1400004
JP-GH
JP-U

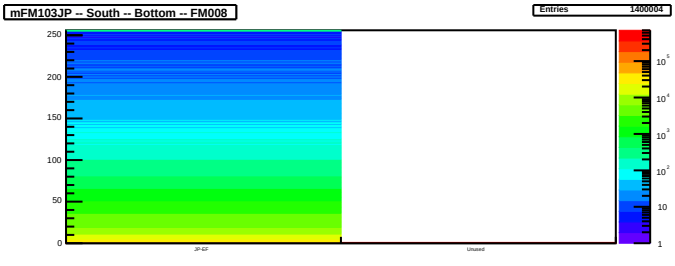

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-U

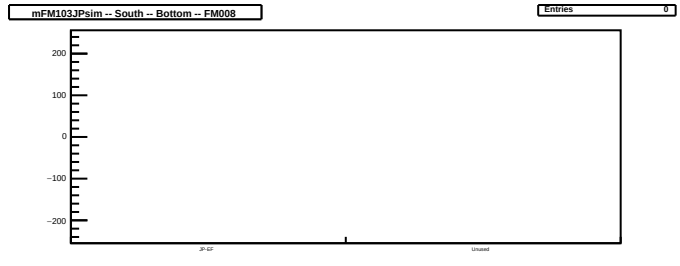

mFM103BS -- South -- Bottom --FM008
Entries 2800008
BS3
BS2
BS1-E
BS1-F

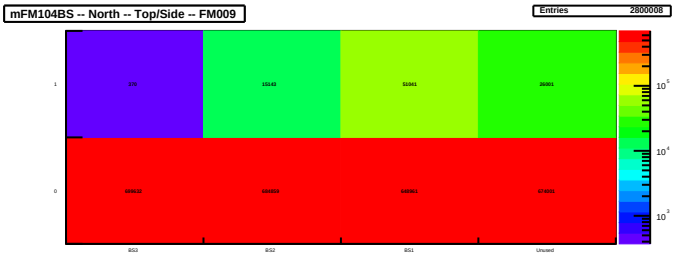

mFM103BSsim -- South -- Bottom --FM0008
Entries 82093
BS3
BS2
BS1-E
BS1-F

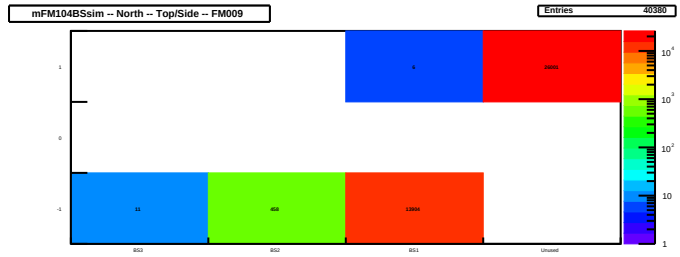

mFM103J -- South -- Bottom -- FM008
Entries 700002
Unused

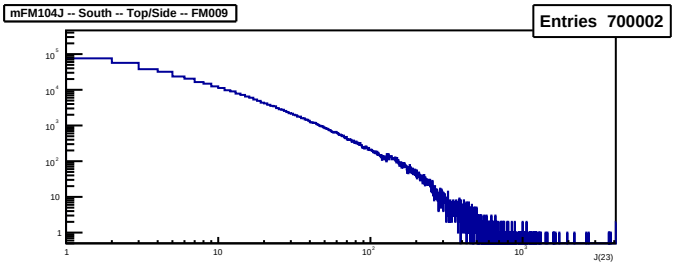

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

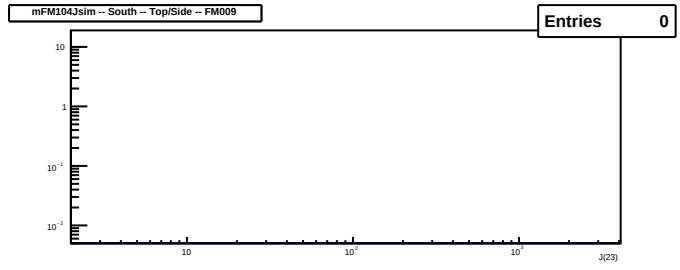

mFM103JP -- South -- Bottom -- FM008
Entries 1400004
JP-EF
Unused


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


mFM104BS -- North -- Top/Side -- FM009
Entries 2800008


mFM104BSsim -- North -- Top/Side -- FM009
Entries 40380


mFM104J -- South -- Top/Side -- FM009
Entries 700002
J(23)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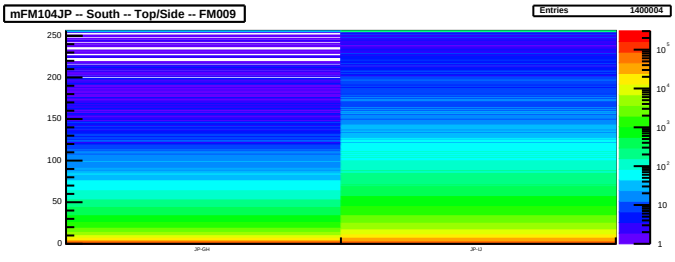
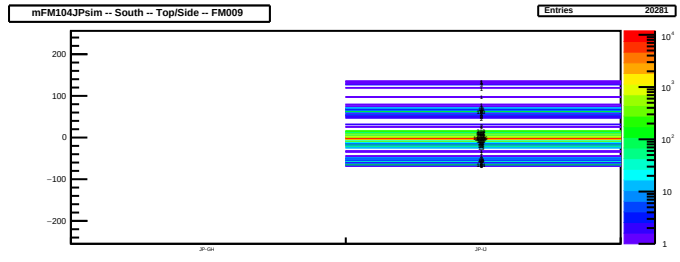
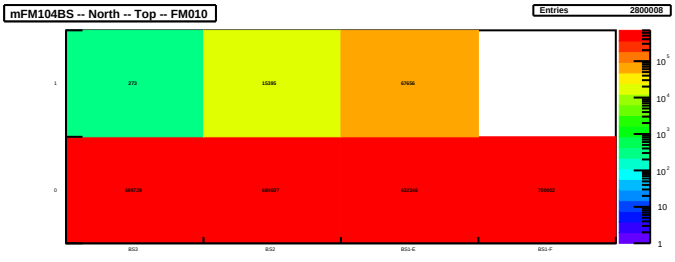
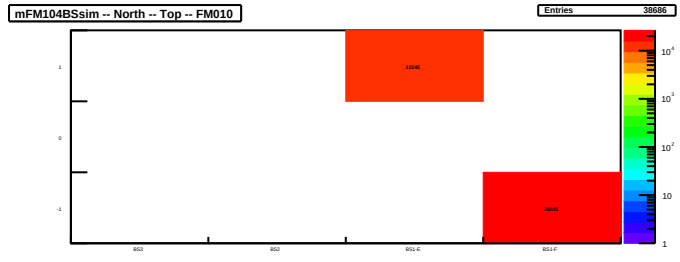
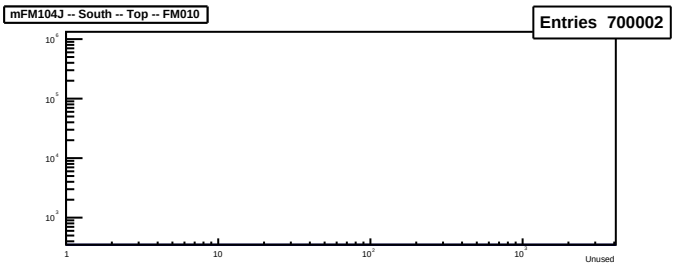
Entries 0
J(23)

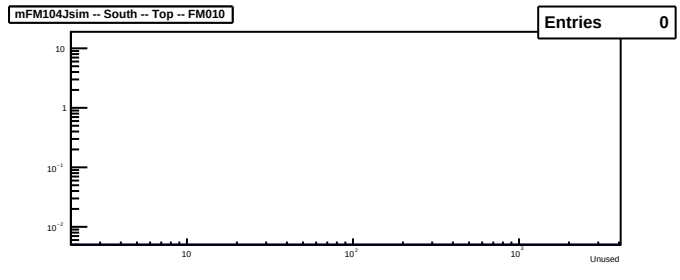

mFM104JP -- South -- Top/Side -- FM009
Entries 1400004

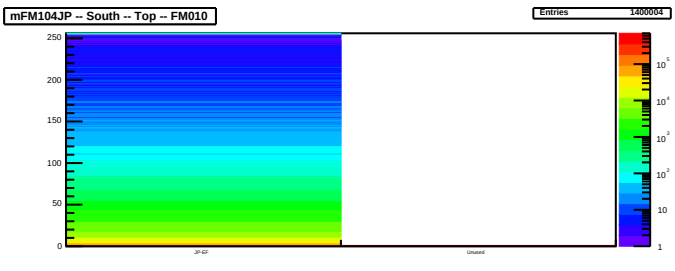

mFM104JPsim -- South -- Top/Side -- FM009
Entries 20281

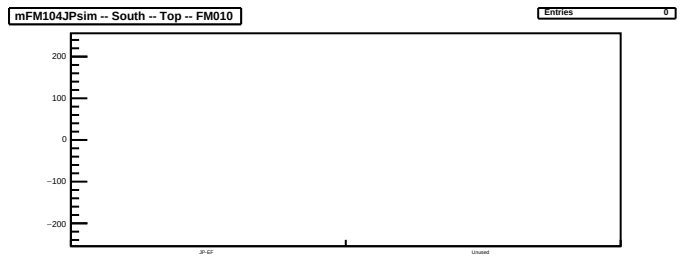

mFM104BS -- North -- Top -- FM010
Entries 2800008

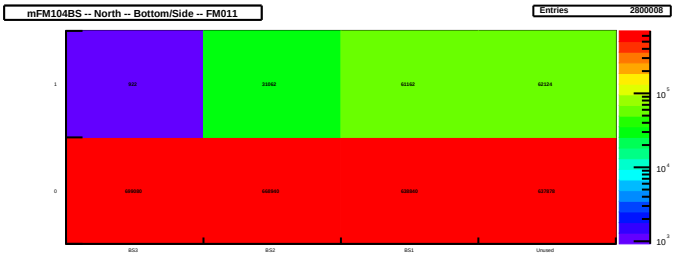

mFM104BSsim -- North -- Top -- FM010
Entries 38686

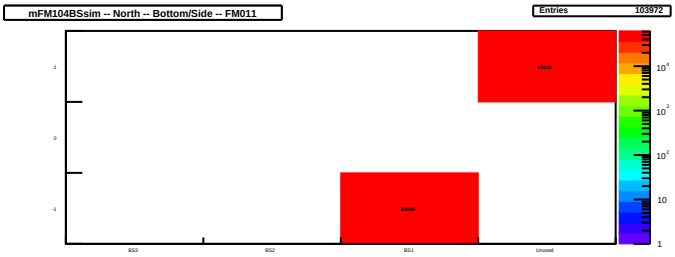

mFM104J -- South -- Top -- FM010
Entries 700002
Unused

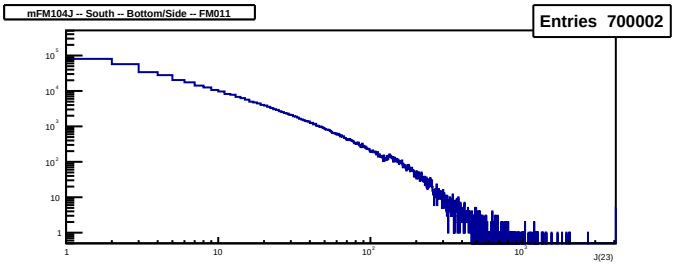

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

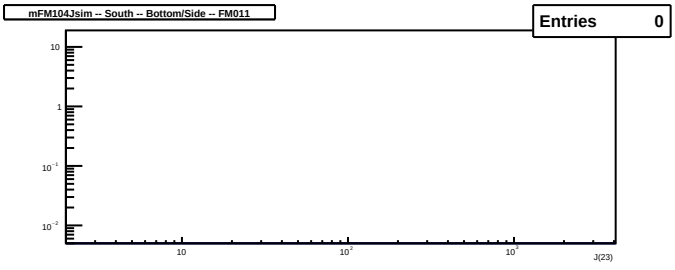

mFM104JP -- South -- Top -- FM010
Entries 1400004

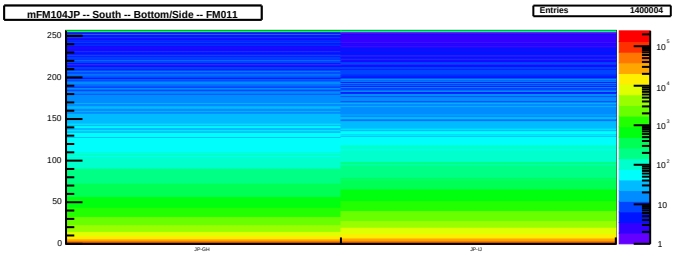

mFM104JPsim -- South -- Top -- FM010
Entries 0

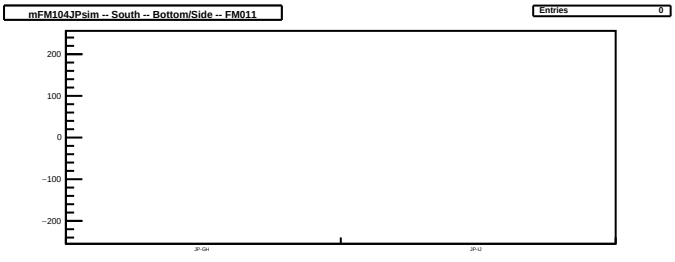

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2800008
622
312162
621162
621124
699980
668640
628640
627878
BS3
BS2
BS1
Unused

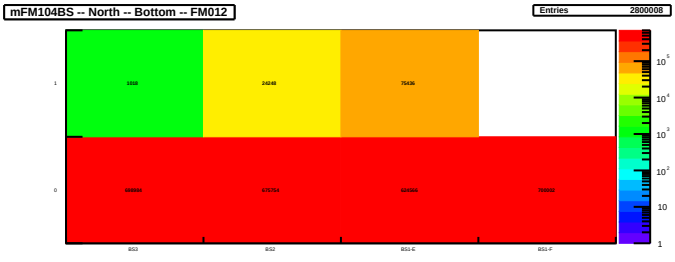

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 103972
621124
415148
BS3
BS2
BS1
Unused

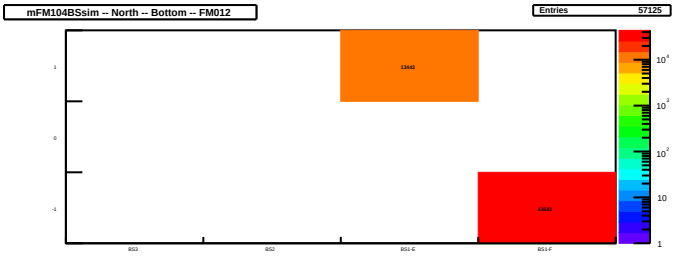

mFM104J -- South -- Bottom/Side -- FM011
Entries 700002
J(23)

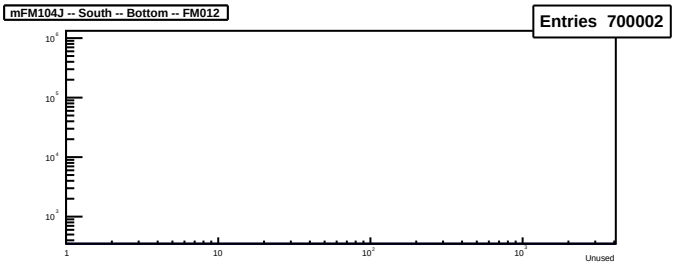

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

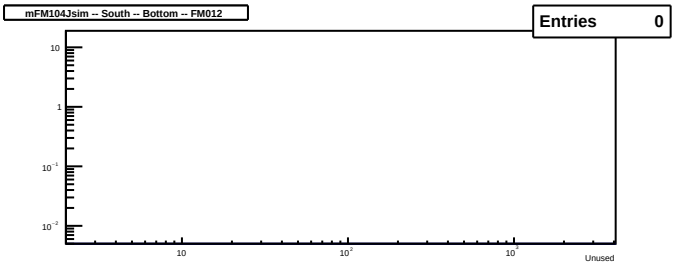

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1400004
JP-GH
JP-IJ

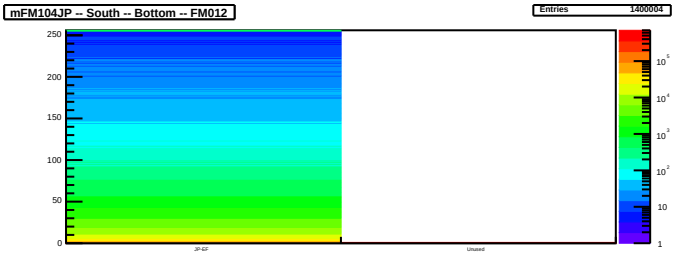

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ


mFM104BS -- North -- Bottom -- FM012
Entries 2800008
1418
242449
754436
699994
675754
624564
700002
BS3
BS2
BS1-E
BS1-F

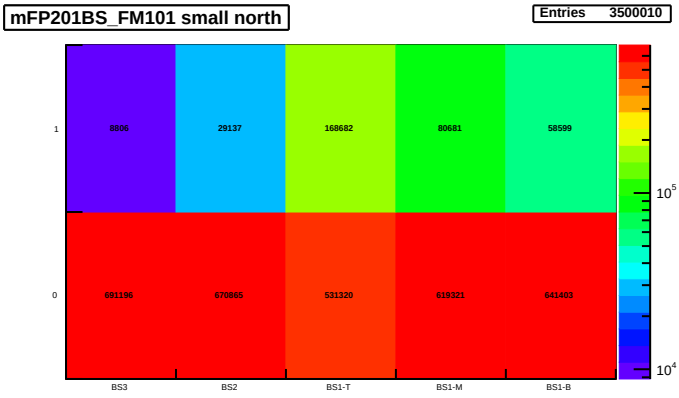

mFM104BSsim -- North -- Bottom -- FM012
Entries 57125
13449
43682
BS3
BS2
BS1-E
BS1-F

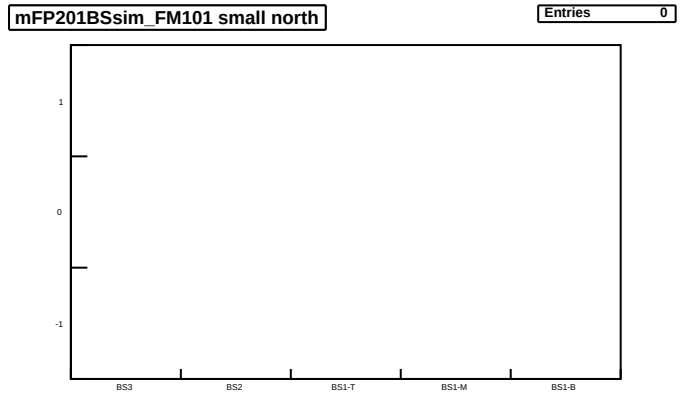

mFM104J -- South -- Bottom -- FM012
Entries 700002
Unused

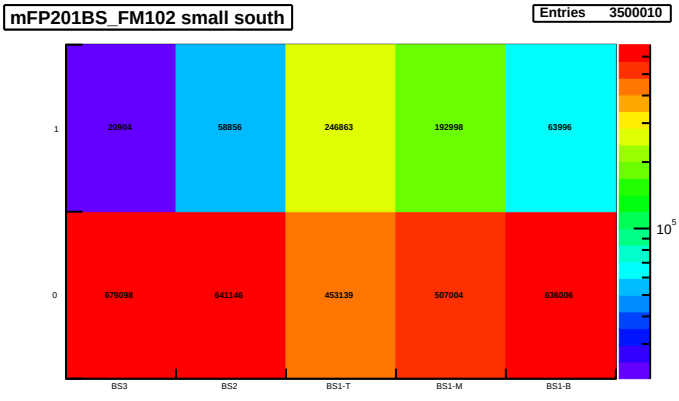

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

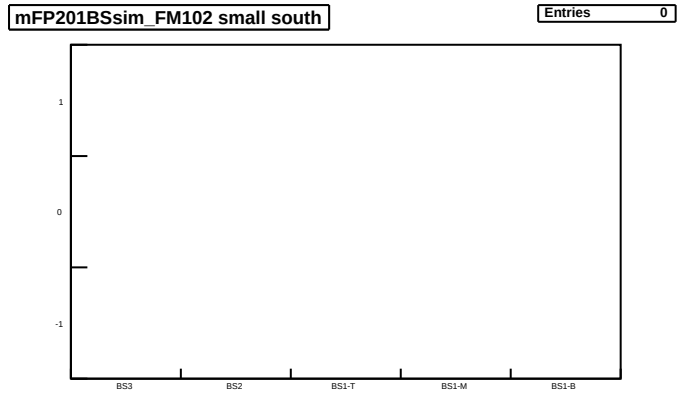

mFM104JP -- South -- Bottom -- FM012
Entries 1400004
JP-EF
Unused

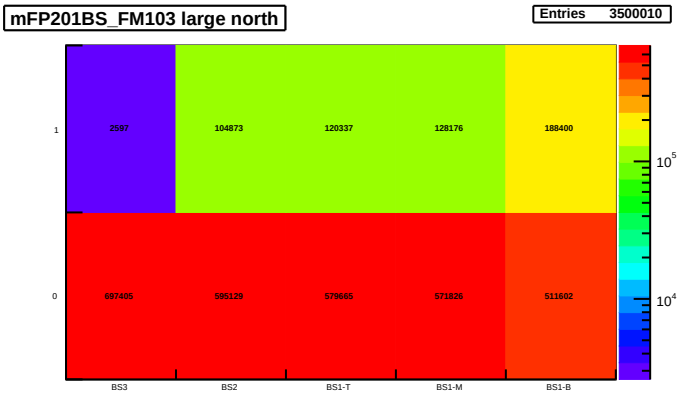
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

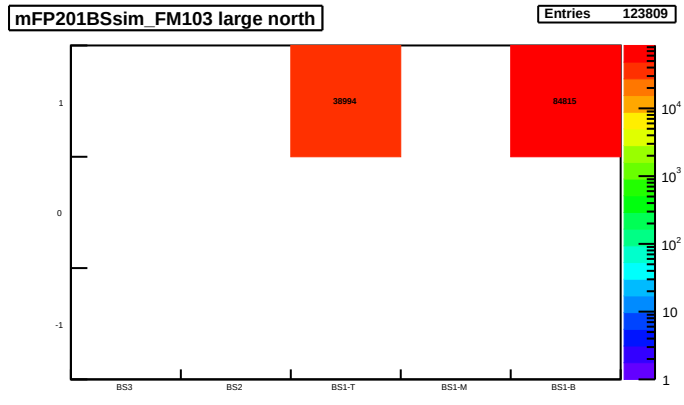

mFP201BS_FM101 small north
Entries 3500010
8806
29137
168682
80681
58599
691196
670865
531320
619321
641403
BS3
BS2
BS1-T
BS1-M
BS1-B

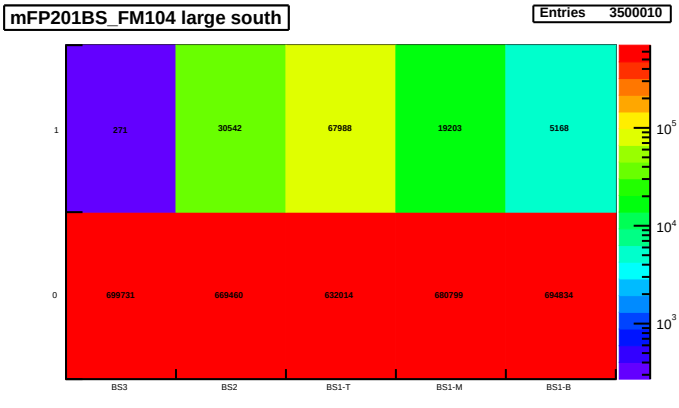

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

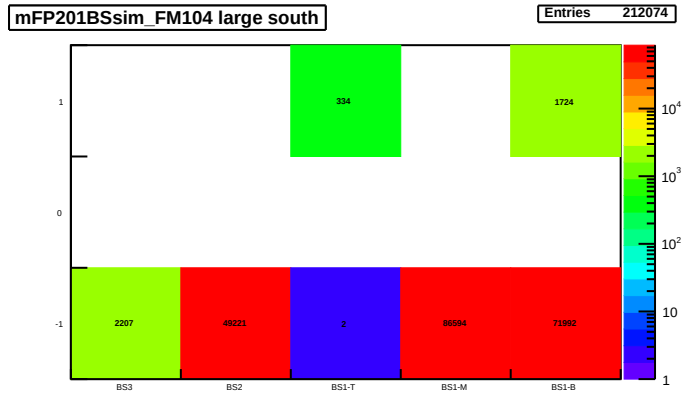

mFP201BS_FM102 small south
Entries 3500010
20904
58856
246863
192998
63996
679098
641146
453139
507004
636006
BS3
BS2
BS1-T
BS1-M
BS1-B

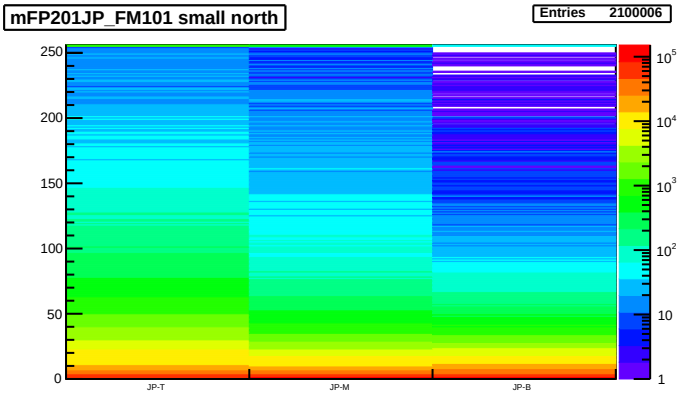

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

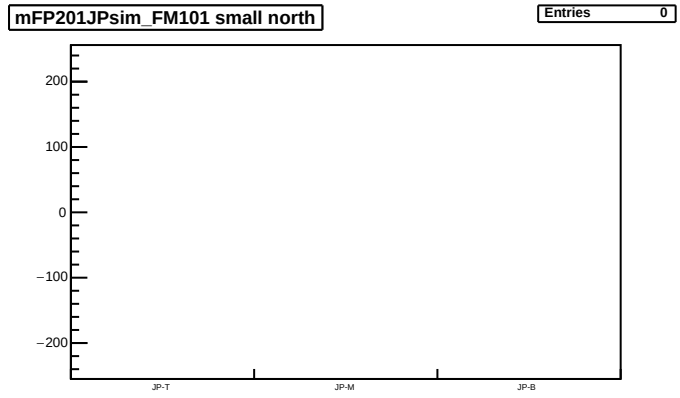

mFP201BS_FM103 large north
Entries 3500010
2597
104873
120337
128176
188400
697405
595129
579665
571826
511602
BS3
BS2
BS1-T
BS1-M
BS1-B

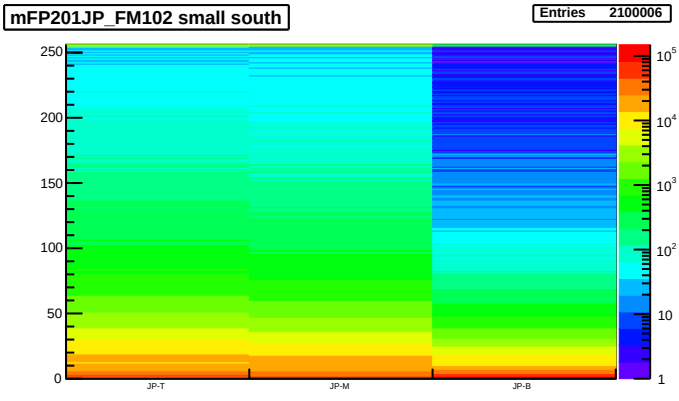

mFP201BSsim_FM103 large north
Entries 123809
38994
84815
BS3
BS2
BS1-T
BS1-M
BS1-B

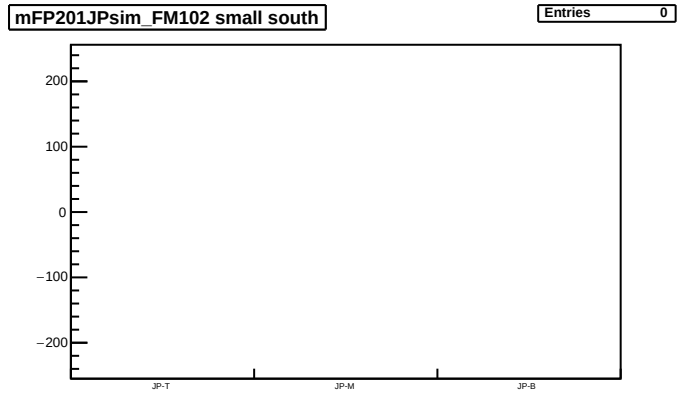

mFP201BS_FM104 large south
Entries 3500010
271
30542
67988
19203
5168
699731
669460
632014
680799
694834
BS3
BS2
BS1-T
BS1-M
BS1-B

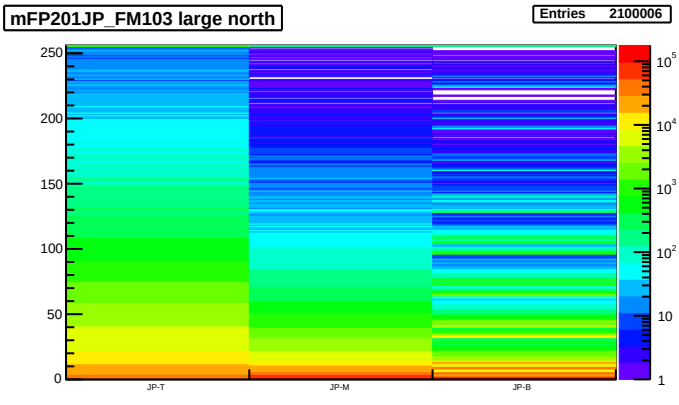

mFP201BSsim_FM104 large south
Entries 212074
334
1724
2207
49221
2
86594
71992
BS3
BS2
BS1-T
BS1-M
BS1-B

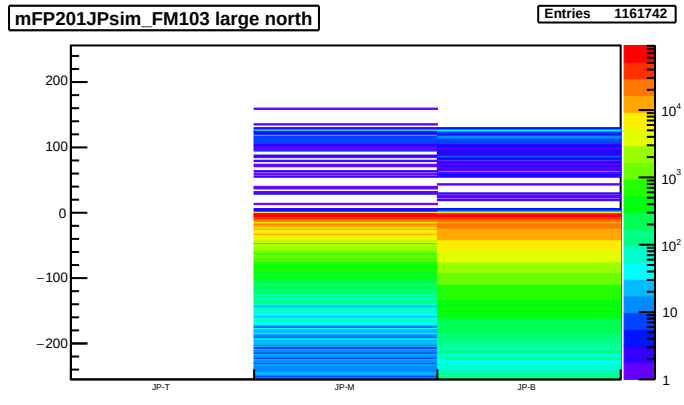

mFP201JP_FM101 small north
Entries 2100006
JP-T
JP-M
JP-B

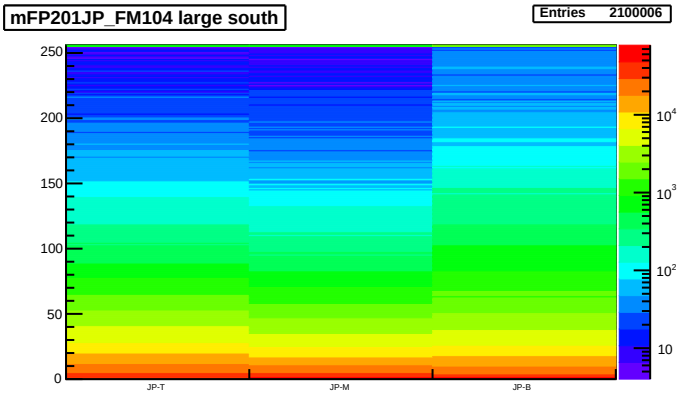

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

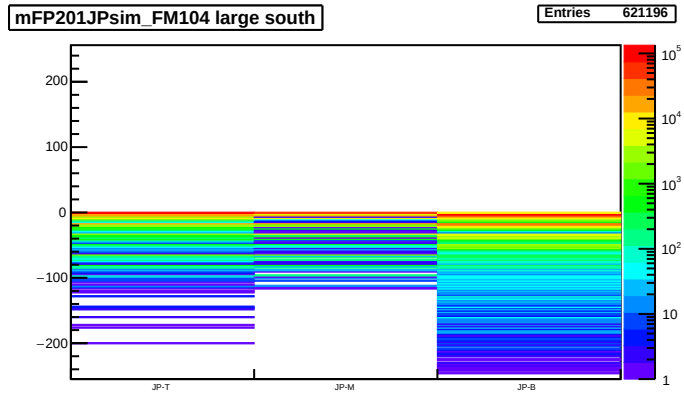

mFP201JP_FM102 small south
Entries 2100006
JP-T
JP-M
JP-B

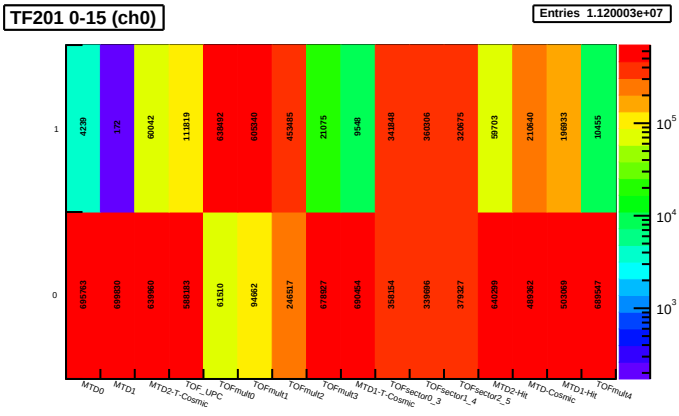

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

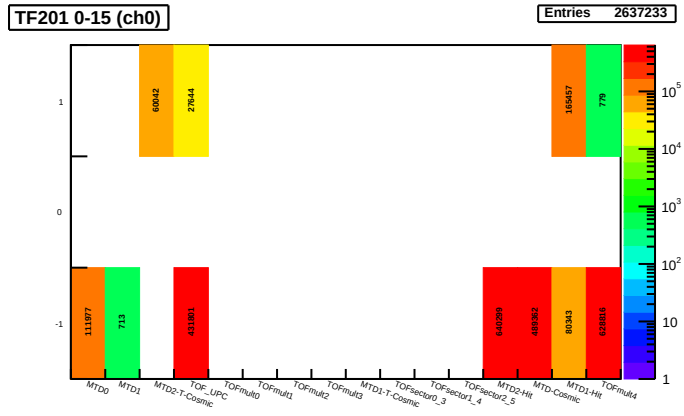

mFP201JP_FM103 large north
Entries 2100006
JP-T
JP-M
JP-B

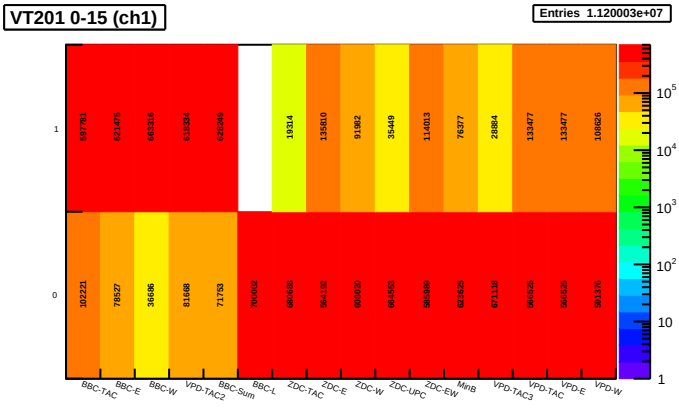

mFP201JPsim_FM103 large north
Entries 1161742
JP-T
JP-M
JP-B

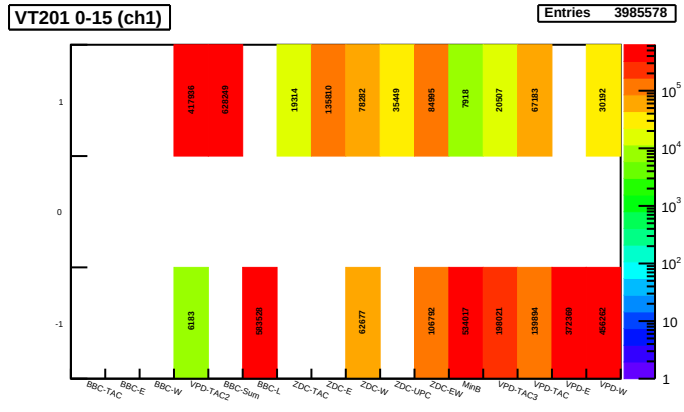

mFP201JP_FM104 large south
Entries 2100006
JP-T
JP-M
JP-B

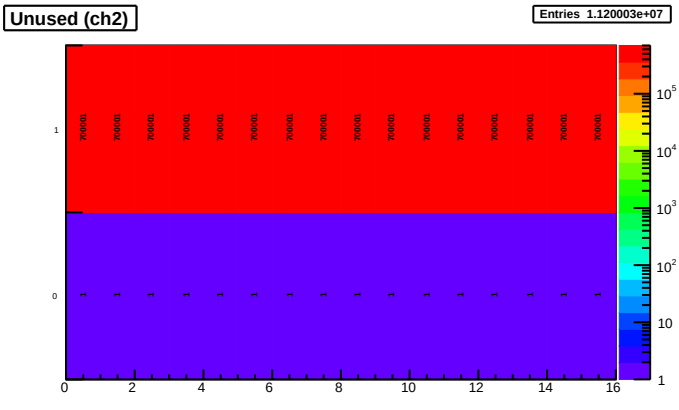

mFP201JPsim_FM104 large south
Entries 621196
JP-T
JP-M
JP-B

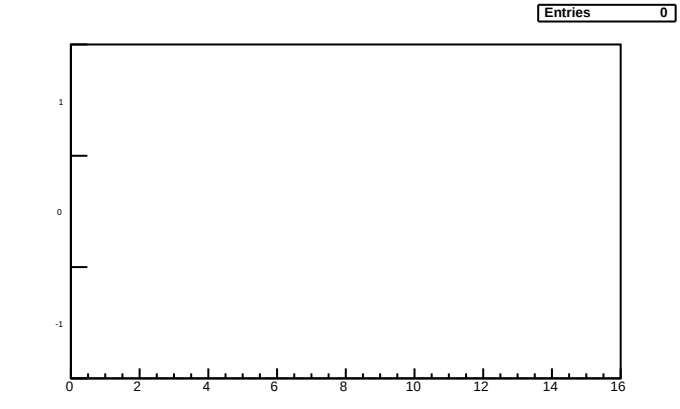

TF201 0-15 (ch0)
Entries 1.120003e+07
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

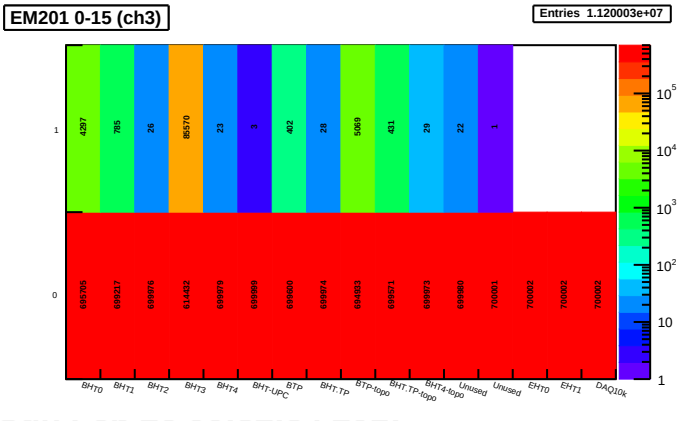

TF201 0-15 (ch0)
Entries 2637233
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

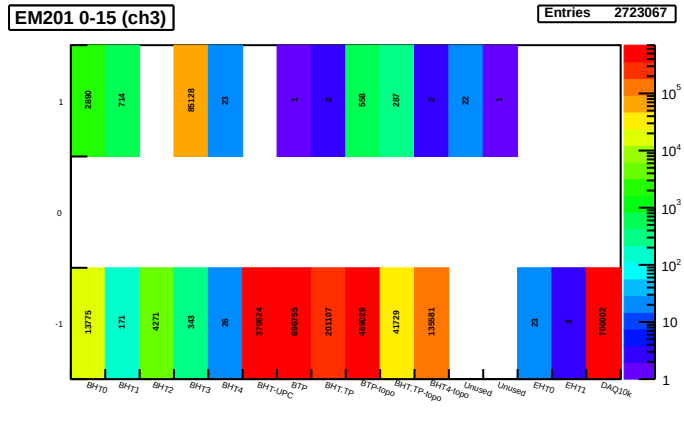

VT201 0-15 (ch1)
Entries 1.120003e+07
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

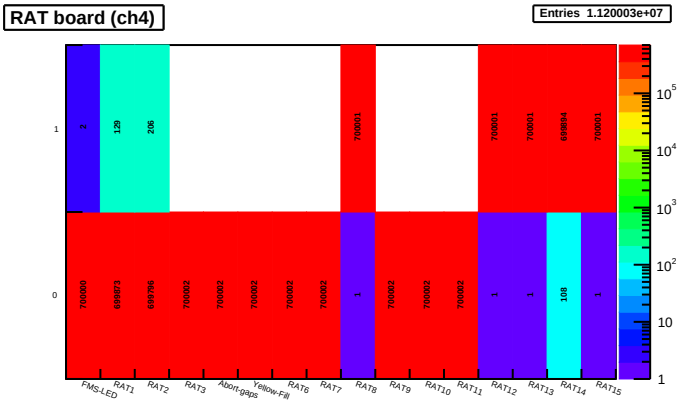

VT201 0-15 (ch1)
Entries 3985578
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

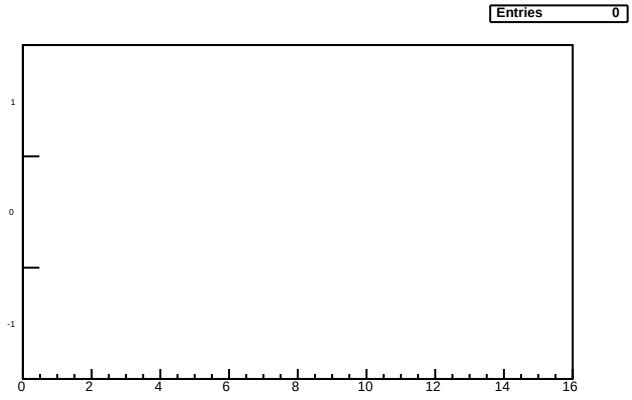

Unused (ch2)
Entries 1.120003e+07

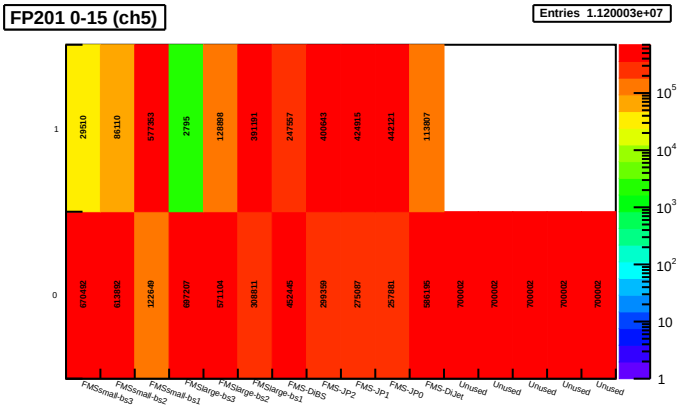

Entries 0

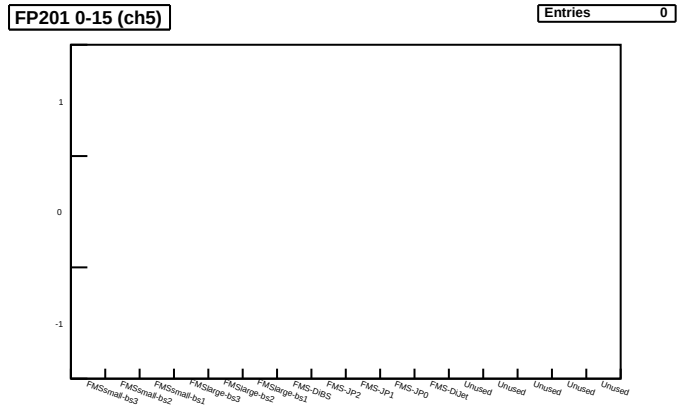

EM201 0-15 (ch3)
Entries 1.120003e+07
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

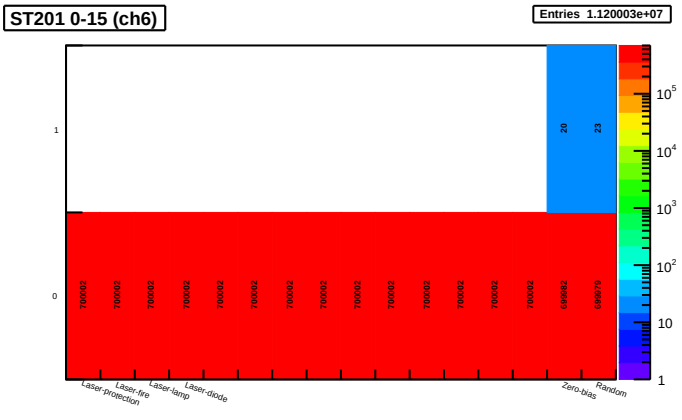

EM201 0-15 (ch3)
Entries 2723067
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

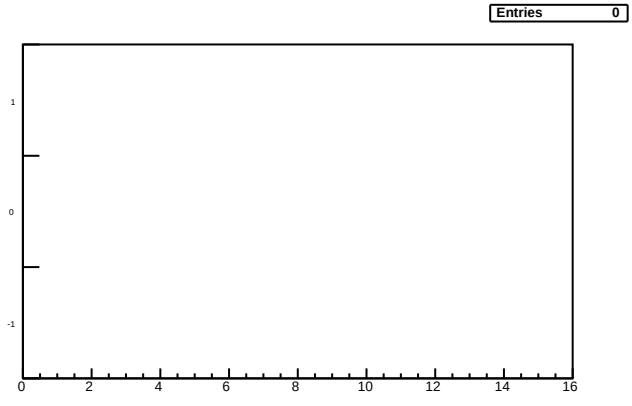

RAT board (ch4)
Entries 1.120003e+07
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

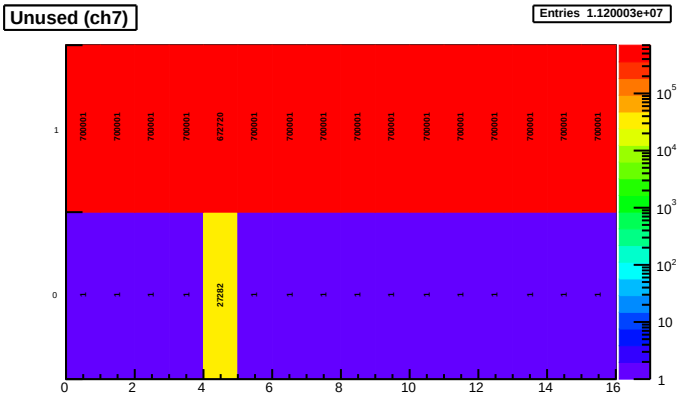

Entries 0

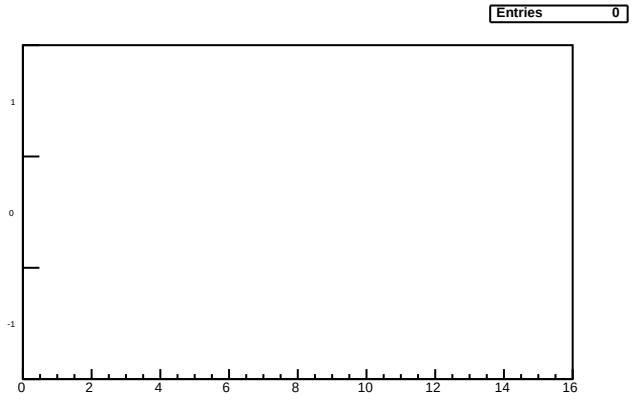

FP201 0-15 (ch5)
Entries 1.120003e+07
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-DiJet
Unused
Unused
Unused
Unused
Unused


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


ST201 0-15 (ch6)
Entries 1.120003e+07
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 1.120003e+07


Entries 0