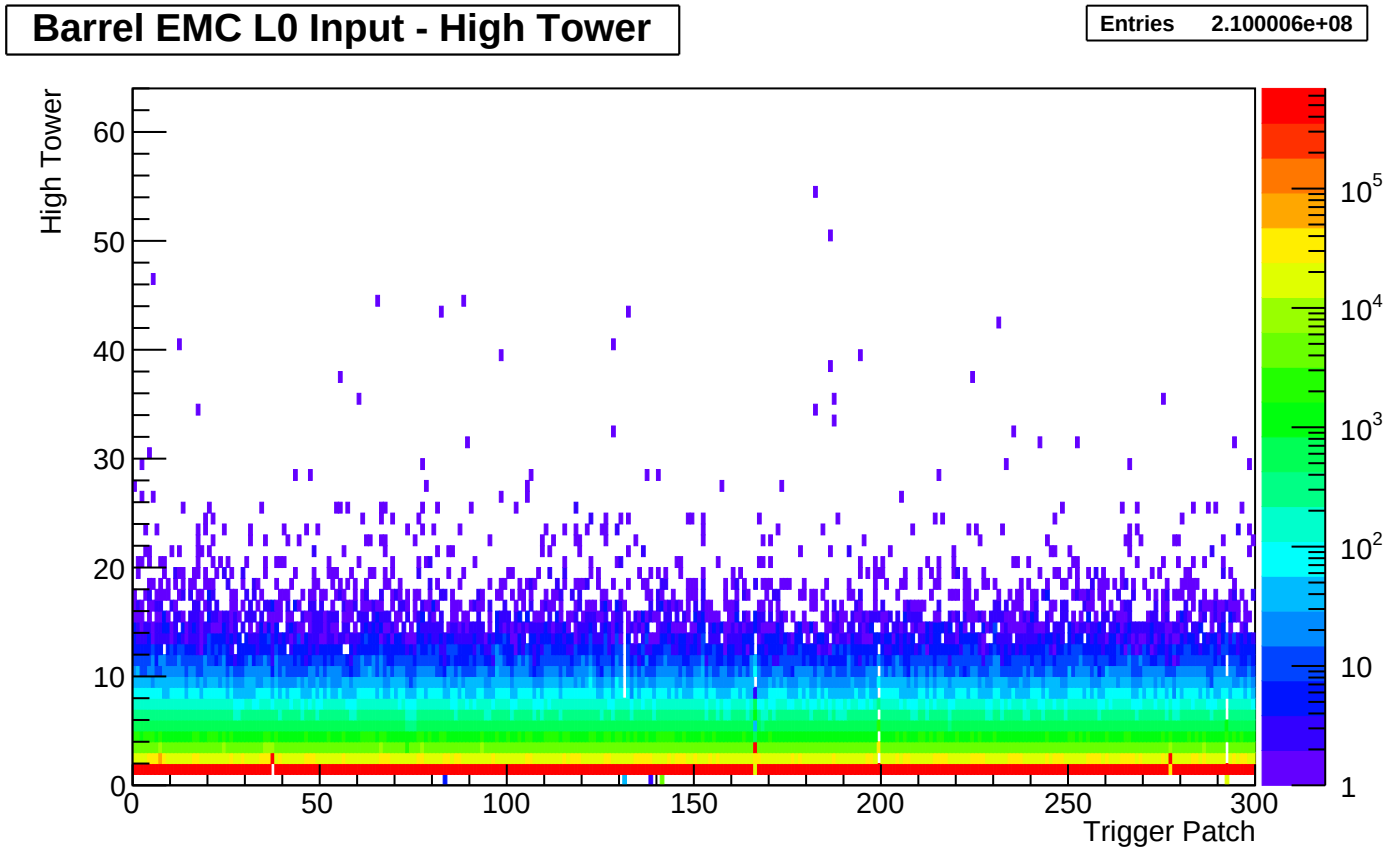
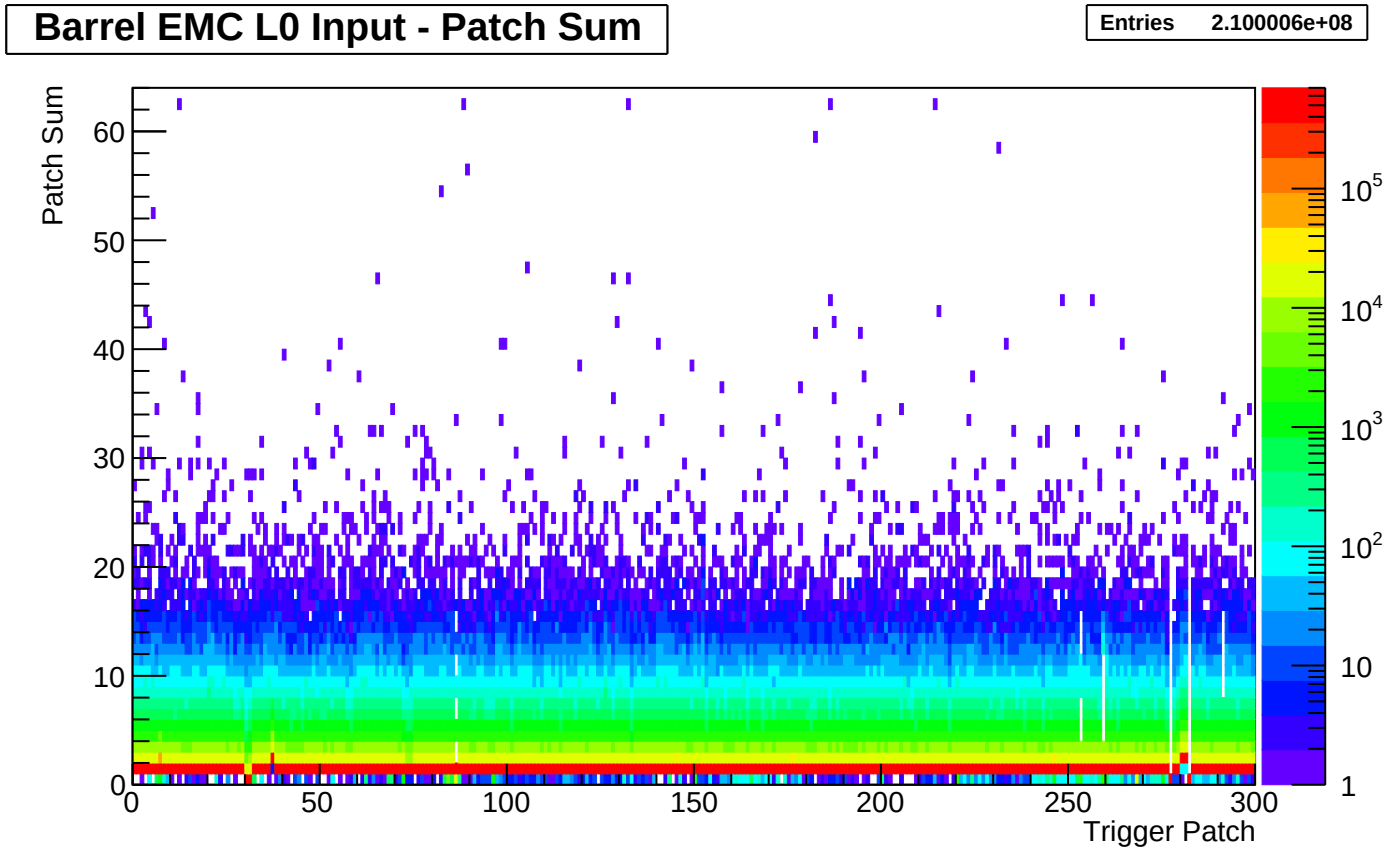
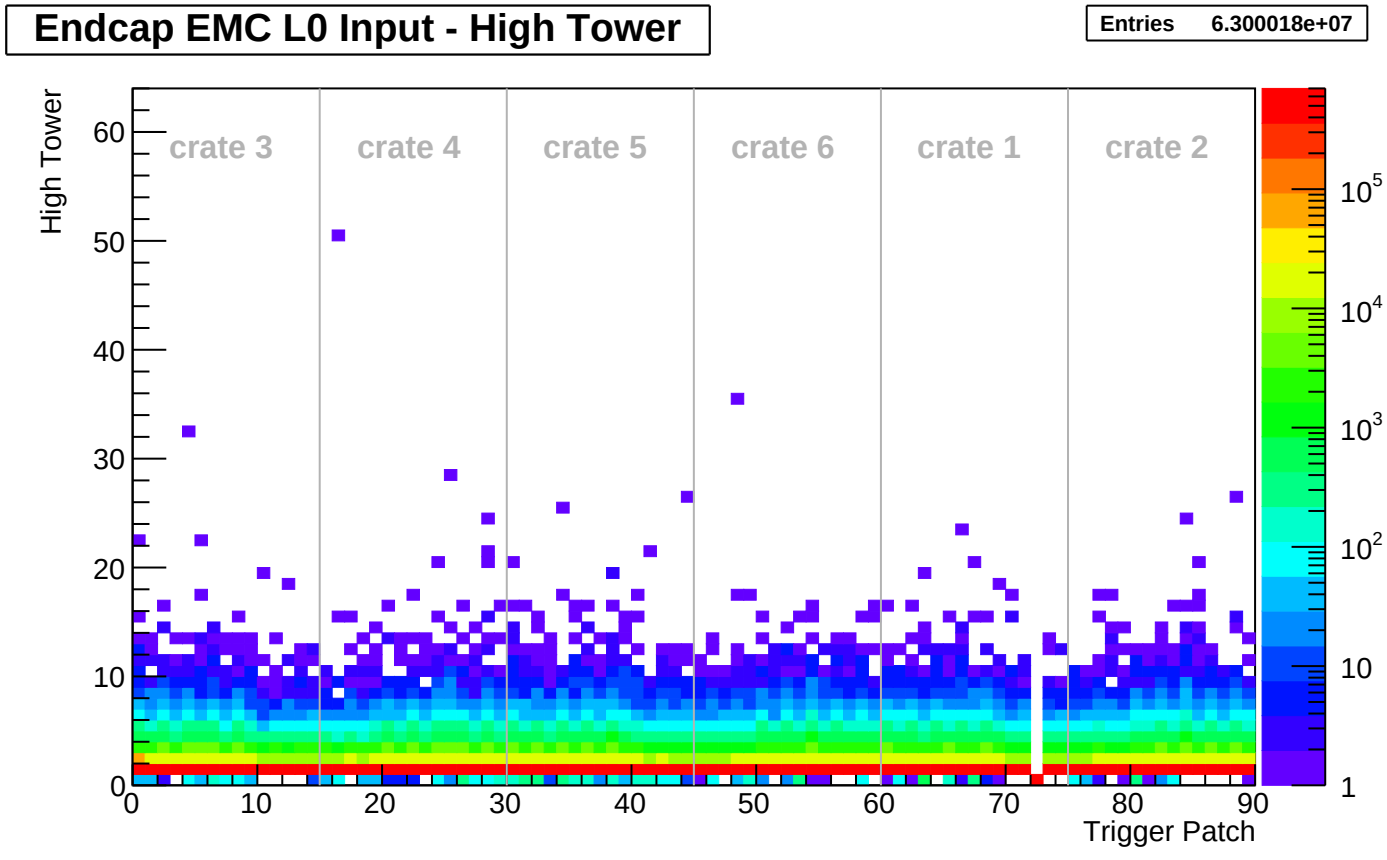
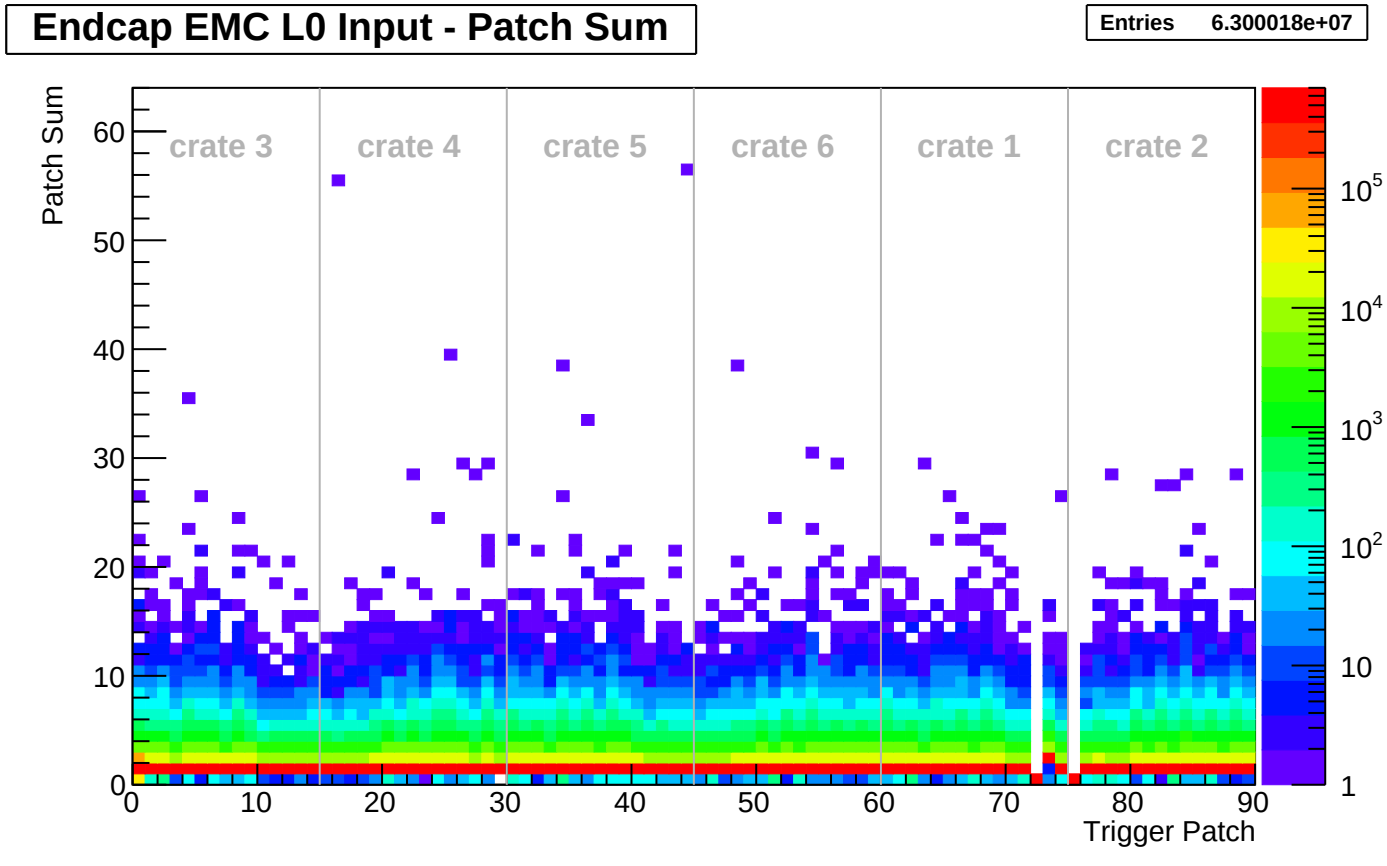
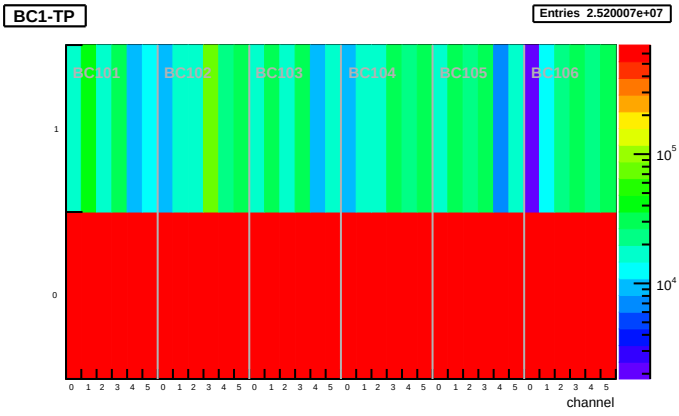
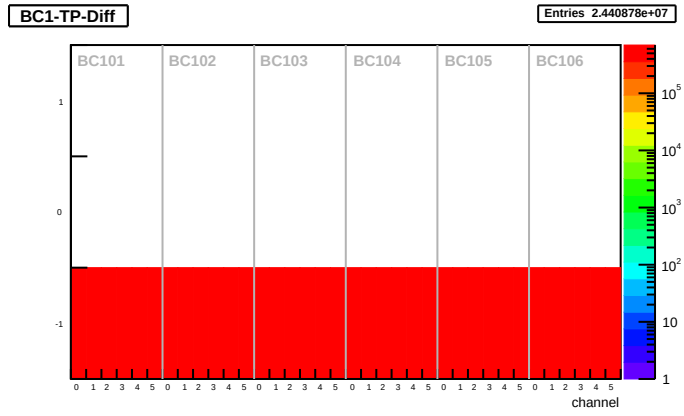

Barrel EMC L0 Input - High Tower
Entries 2.100006e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

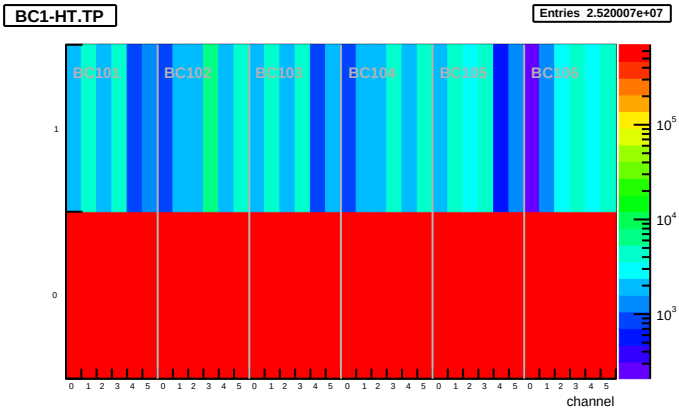

Barrel EMC L0 Input - Patch Sum
Entries 2.100006e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

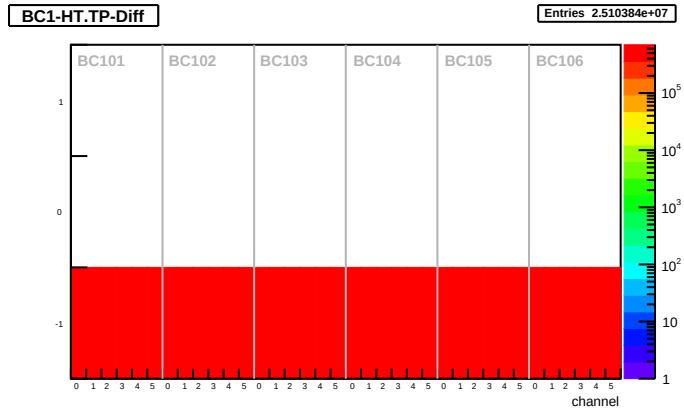

Endcap EMC L0 Input - High Tower
Entries 6.300018e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

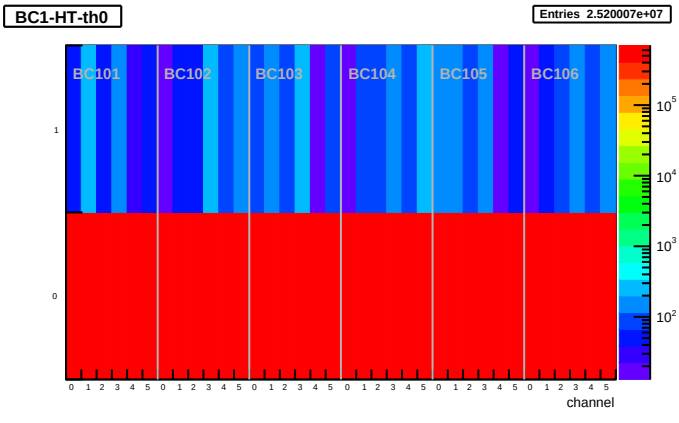

Endcap EMC L0 Input - Patch Sum
Entries 6.300018e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

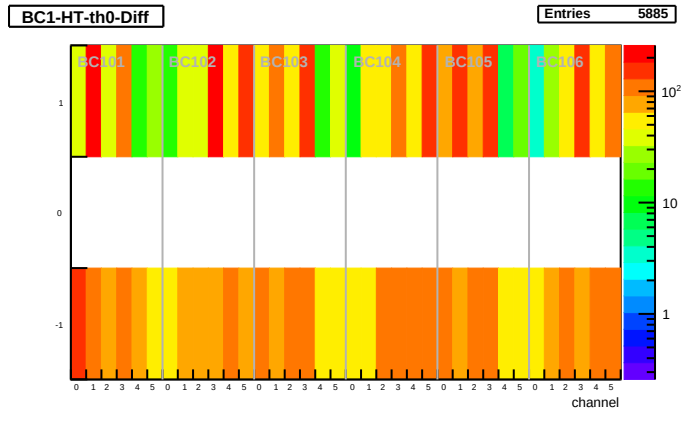

BC1-TP
Entries 2.520007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

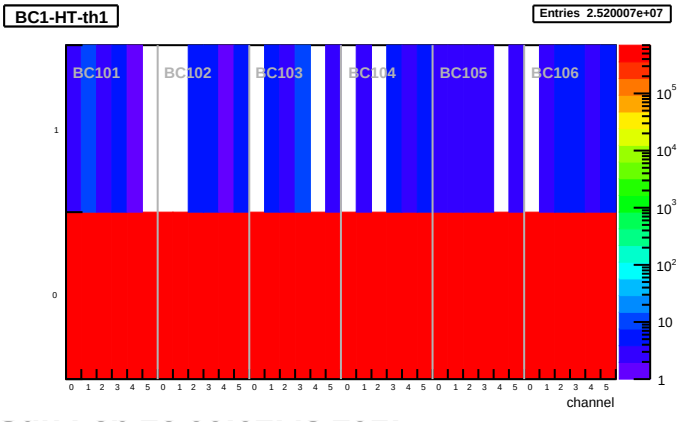

BC1-TP-Diff
Entries 2.440878e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

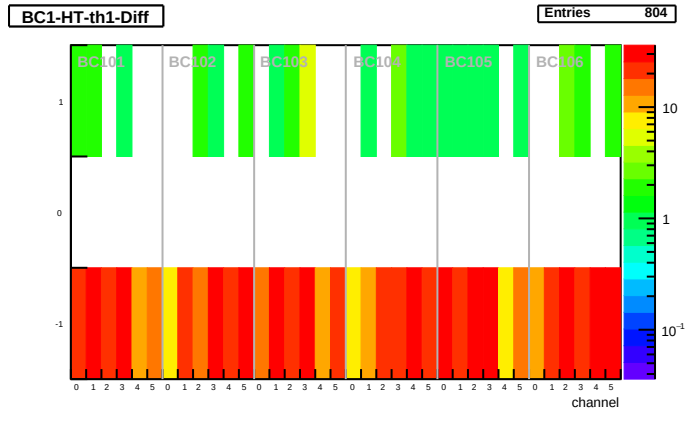

BC1-HT.TP
Entries 2.520007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

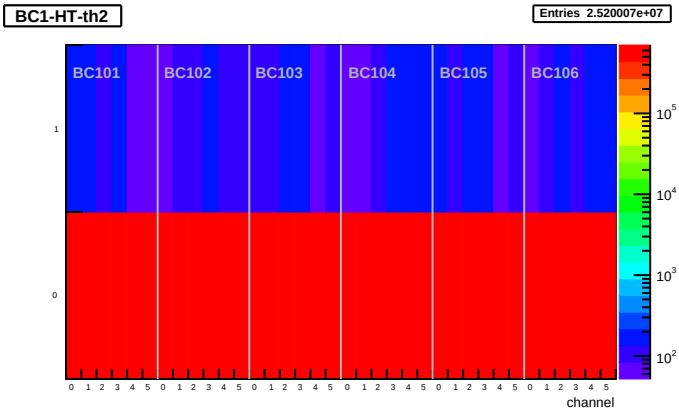

BC1-HT.TP-Diff
Entries 2.510384e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

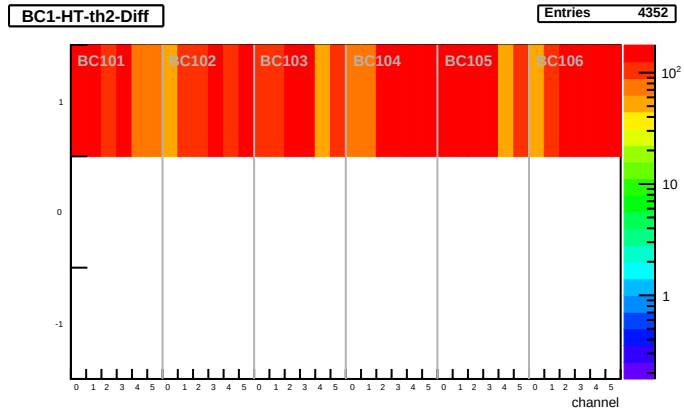

BC1-HT-th0
Entries 2.520007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

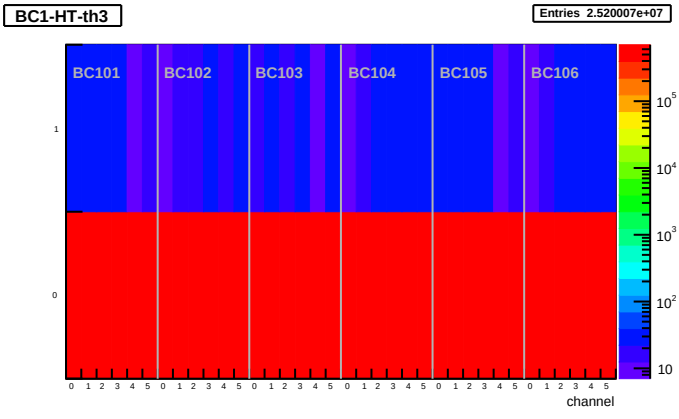

BC1-HT-th0-Diff
Entries 5885
BC101
BC102
BC103
BC104
BC105
BC106
channel

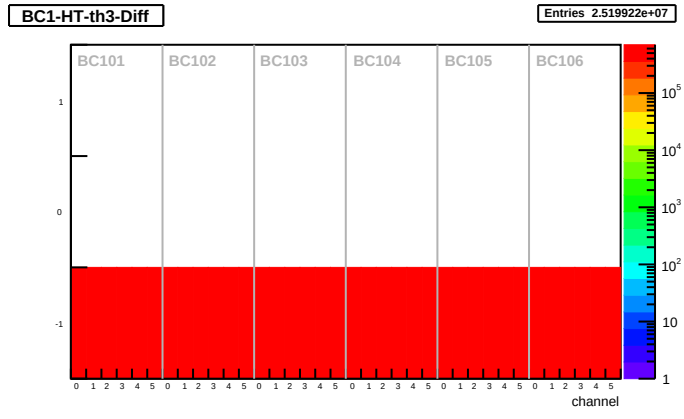

BC1-HT-th1
Entries 2.520007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

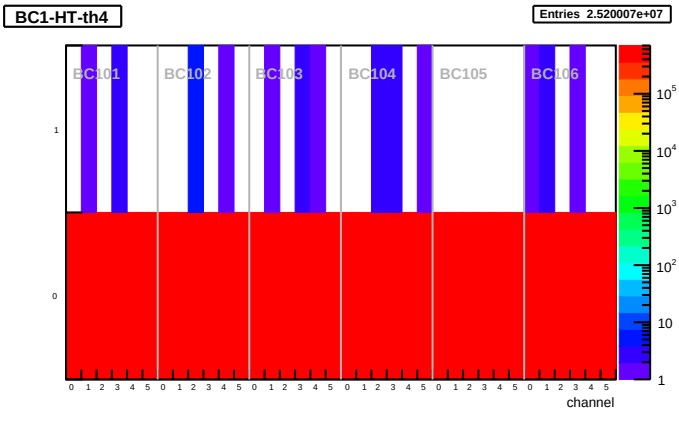

BC1-HT-th1-Diff
Entries 804
BC101
BC102
BC103
BC104
BC105
BC106
channel

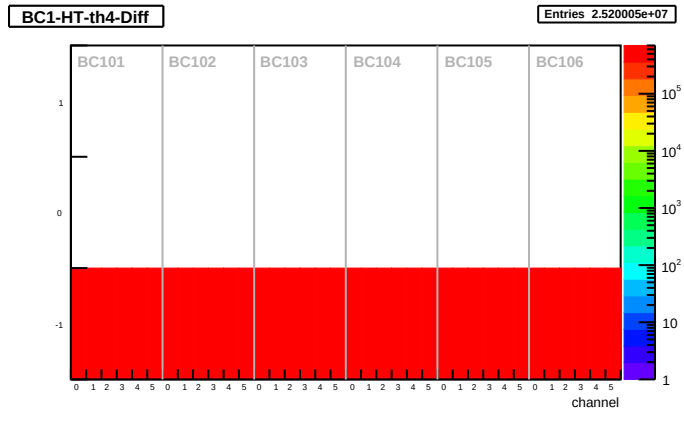

BC1-HT-th2
Entries 2.520007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

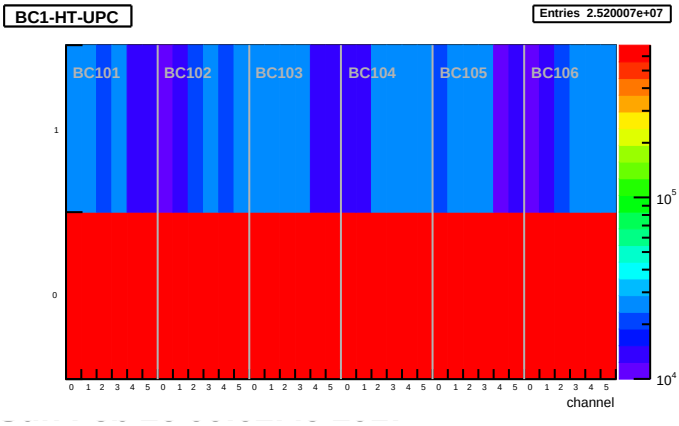

BC1-HT-th2-Diff
Entries 4352
BC101
BC102
BC103
BC104
BC105
BC106
channel

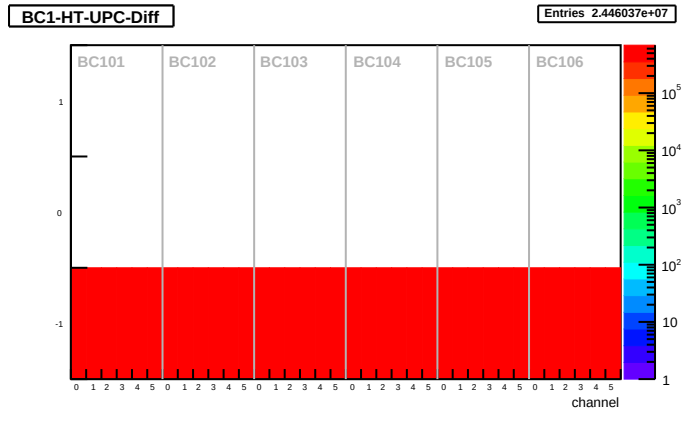

BC1-HT-th3
Entries 2.520007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

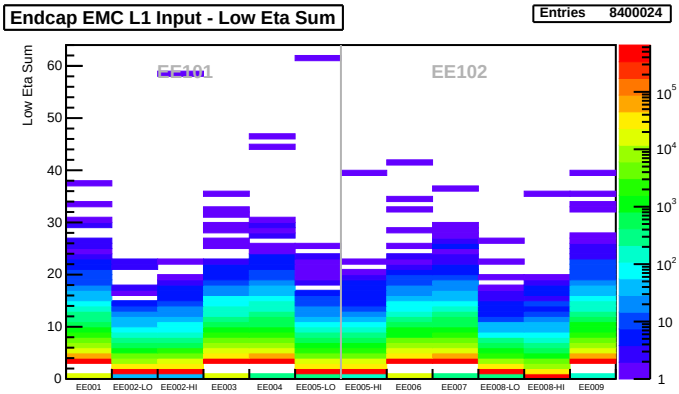

BC1-HT-th3-Diff
Entries 2.519922e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

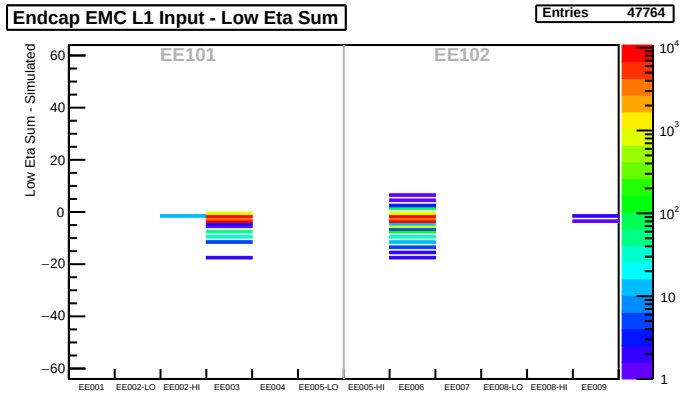

BC1-HT-th4
Entries 2.520007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

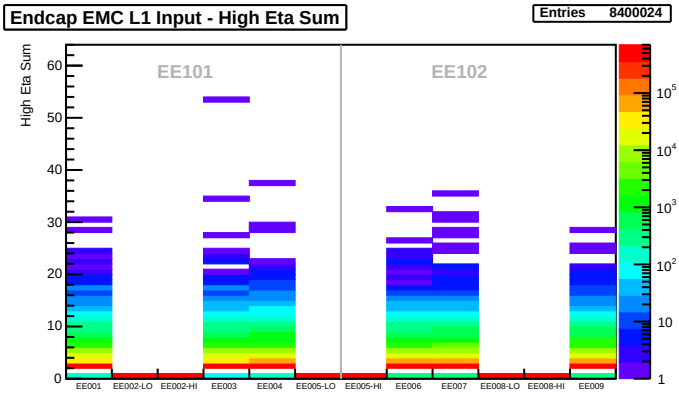

BC1-HT-th4-Diff
Entries 2.520005e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

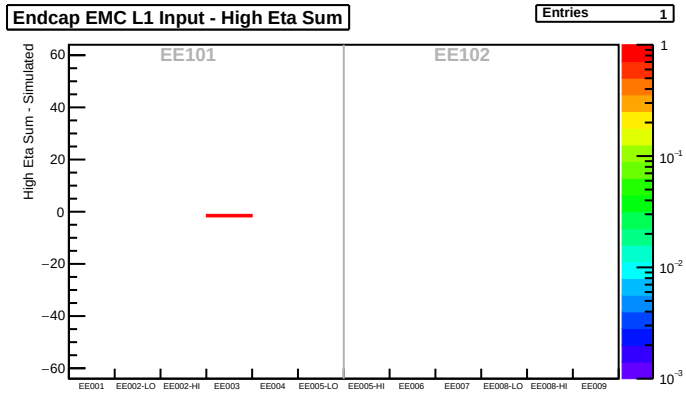

BC1-HT-UPC
Entries 2.520007e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

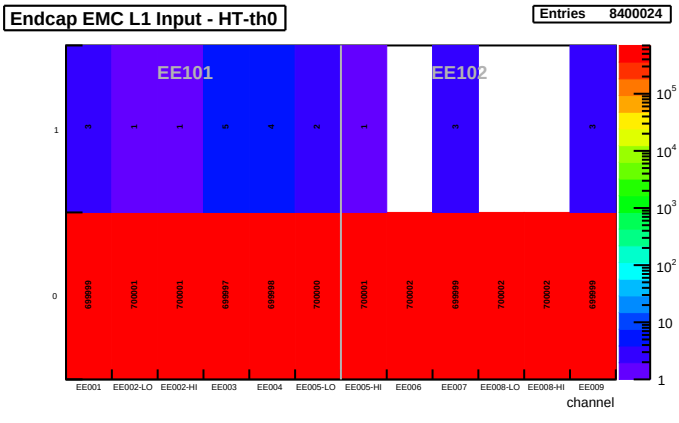

BC1-HT-UPC-Diff
Entries 2.446037e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

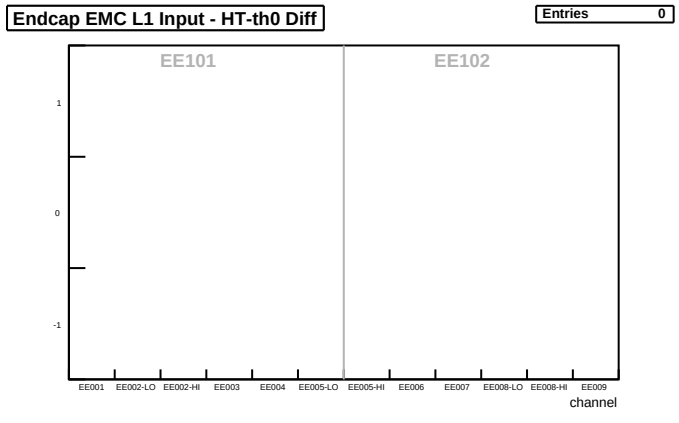

Endcap EMC L1 Input - Low Eta Sum
Entries 8400024
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

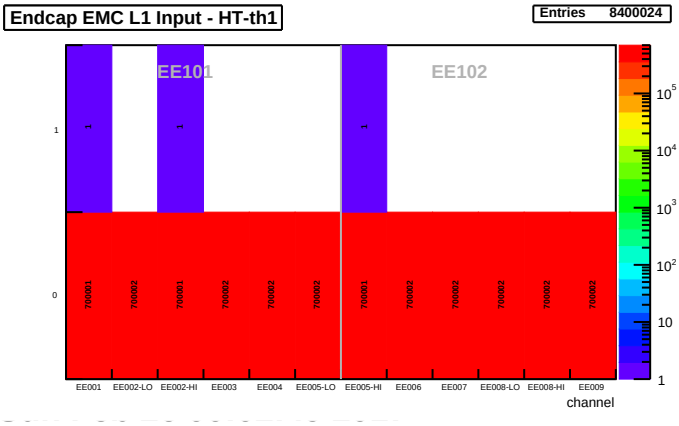

Endcap EMC L1 Input - Low Eta Sum
Entries 47764
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

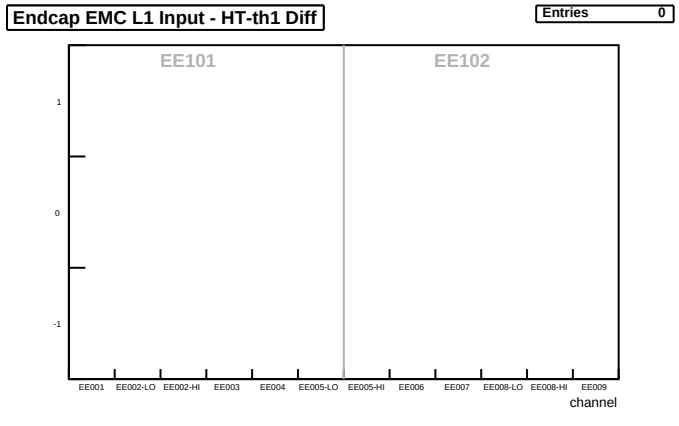

Endcap EMC L1 Input - High Eta Sum
Entries 8400024
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

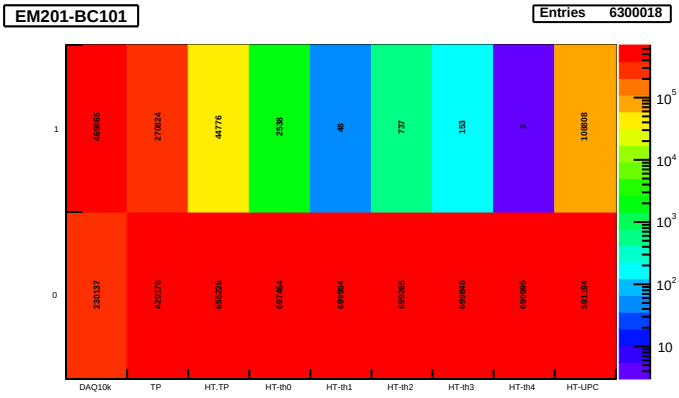

Endcap EMC L1 Input - High Eta Sum
Entries 1
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

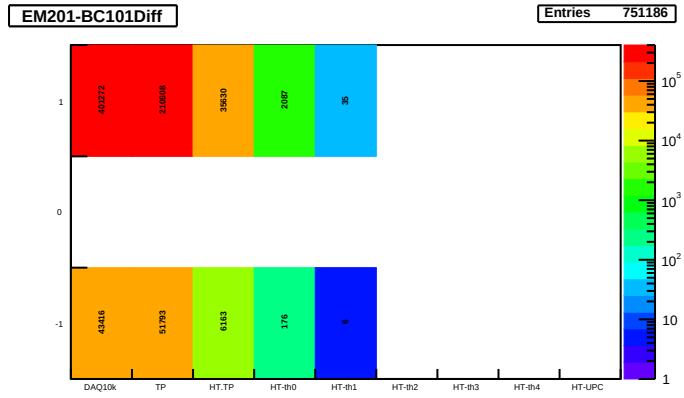

Endcap EMC L1 Input - HT-th0
Entries 8400024
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

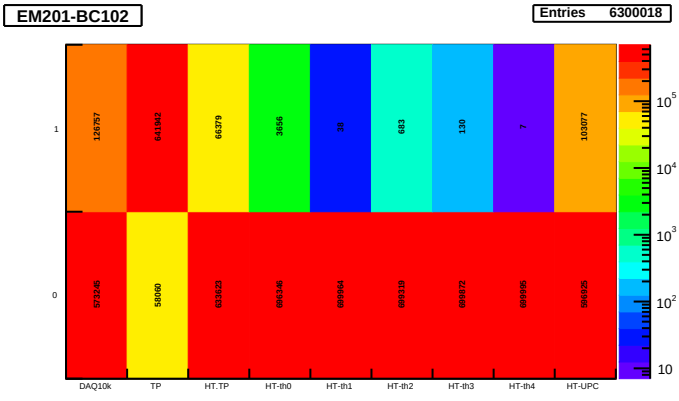

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

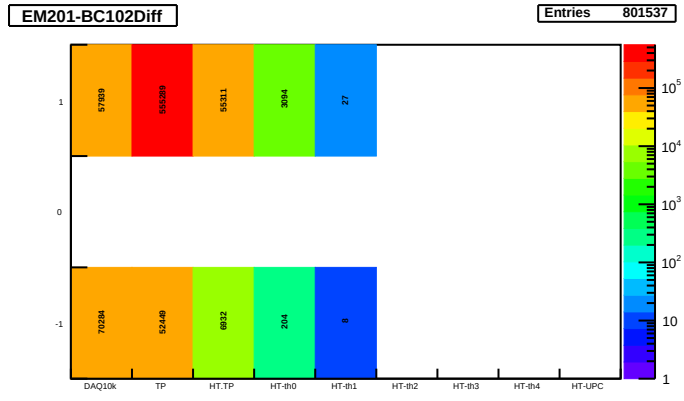

Endcap EMC L1 Input - HT-th1
Entries 8400024
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

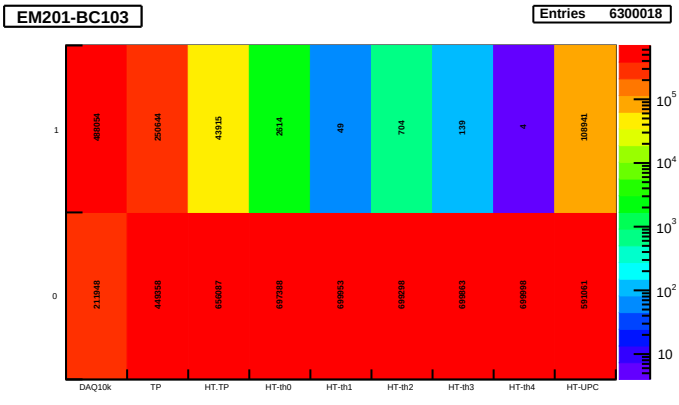

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

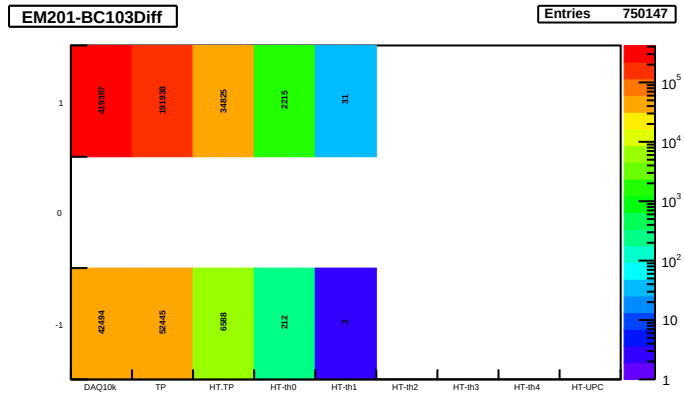

EM201-BC101
Entries 6300018
1
0
469855
270824
44776
2538
48
737
153
3
108808
230137
429178
655226
697464
699964
699265
699949
699999
591194
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10

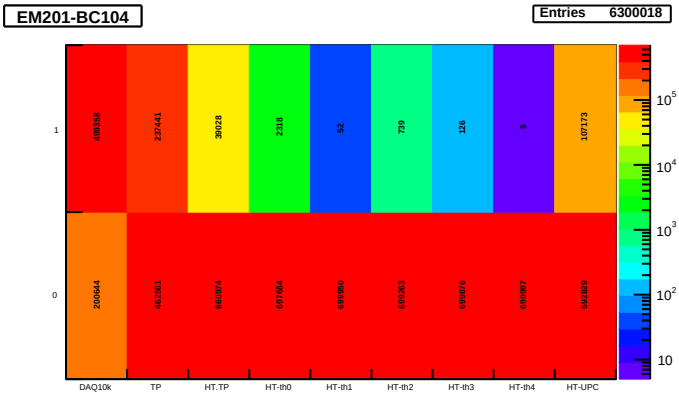

EM201-BC101Diff
Entries 751186
1
0
-1
401272
210508
35630
2087
35
43416
51793
6163
176
6
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

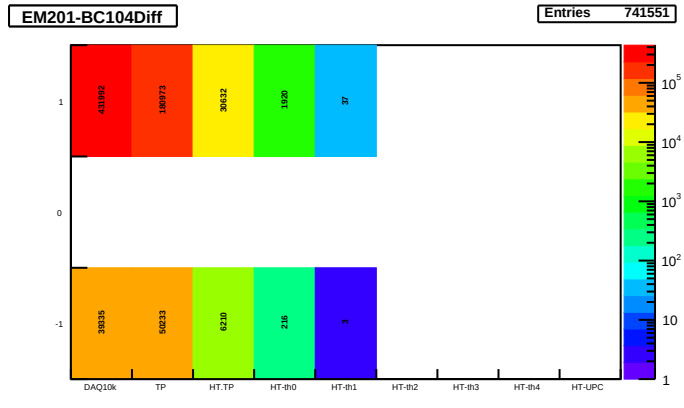

EM201-BC102
Entries 6300018
1
0
126757
641942
66379
3656
38
683
110
7
103077
572245
58060
633623
698346
699964
699319
699872
699995
596925
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10


EM201-BC102Diff
Entries 801537
1
0
-1
57839
555289
55311
3094
27
70284
52449
6932
204
8
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

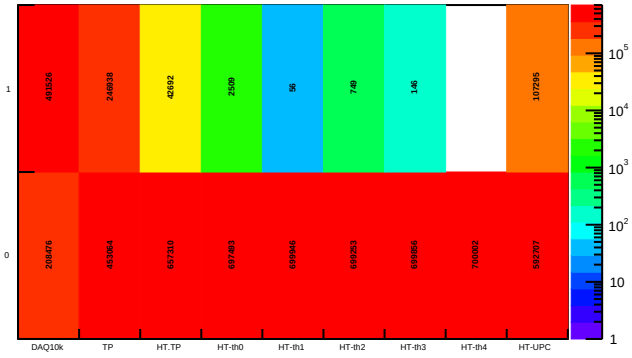

EM201-BC103
Entries 6300018
1
0
486094
250644
43915
2614
49
704
139
4
108941
213948
449358
656037
697388
699953
699298
699893
699998
593061
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10


EM201-BC103Diff
Entries 750147
1
0
-1
419397
191938
34825
2215
31
42494
52445
6988
212
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

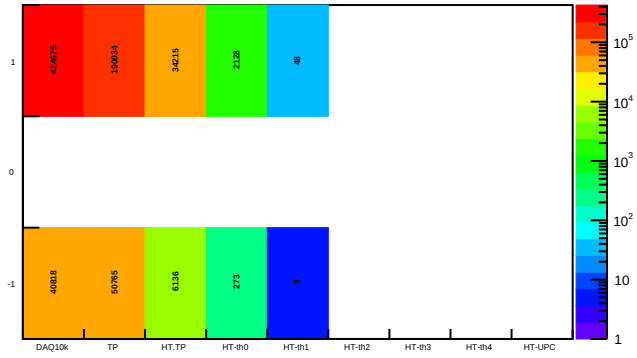

EM201-BC104
Entries 6300018
1
0
489358
237441
39028
2318
52
739
126
5
107173
200644
462561
660974
697684
699950
699283
699976
699997
592829
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10


EM201-BC104Diff
Entries 741551
1
0
-1
431992
180973
30632
1920
37
38835
50233
6210
216
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

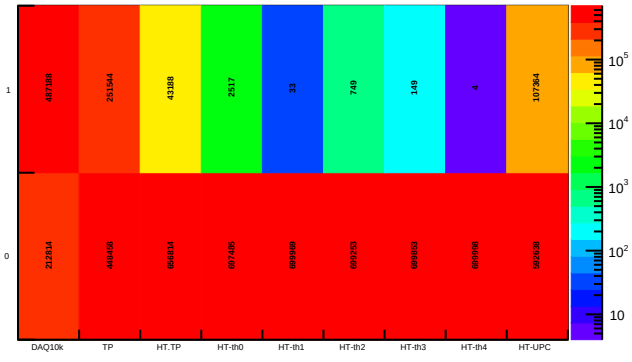
EM201-BC105 Entries 6300018



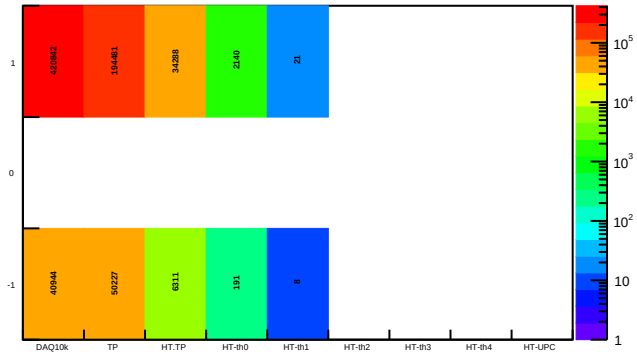
EM201-BC105Diff Entries 749097



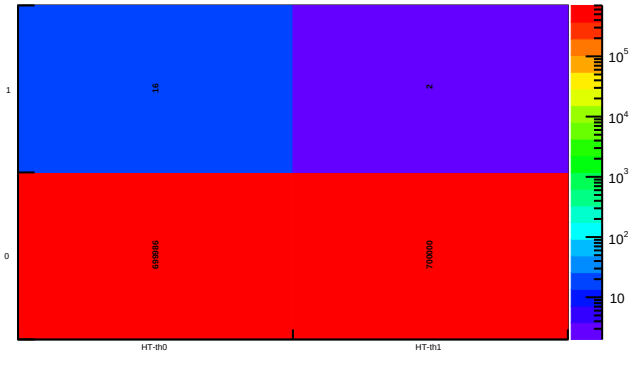
EM201-BC106 Entries 6300018



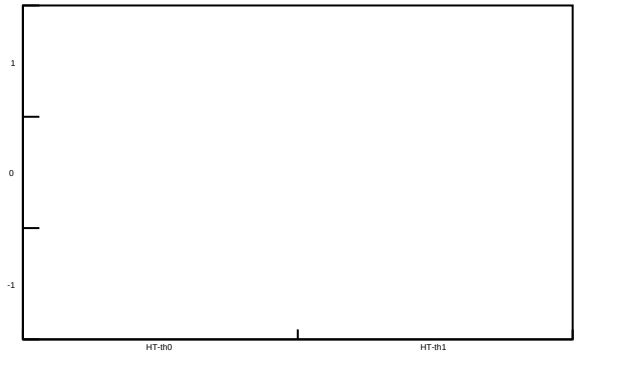
EM201-BC106Diff Entries 749453



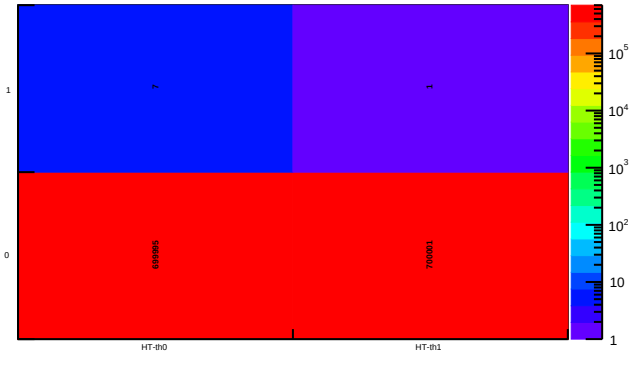
EM201-EE101 Entries 1400004



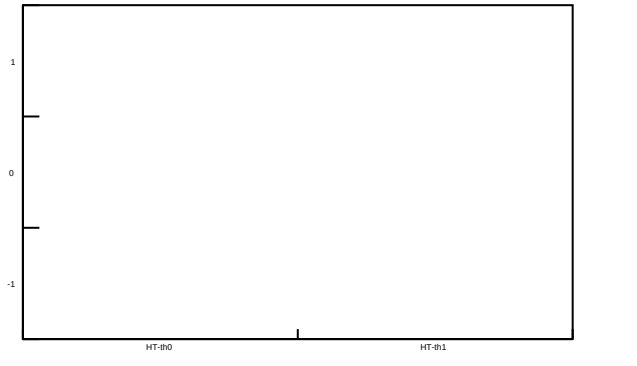
EM201-EE101Diff Entries 0

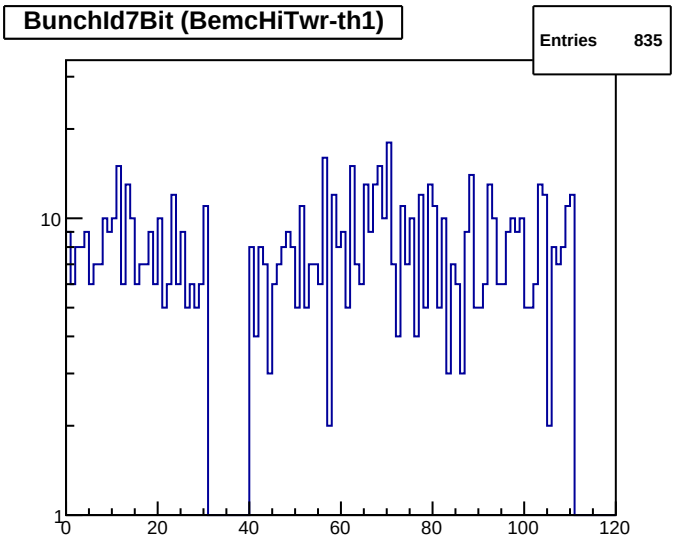


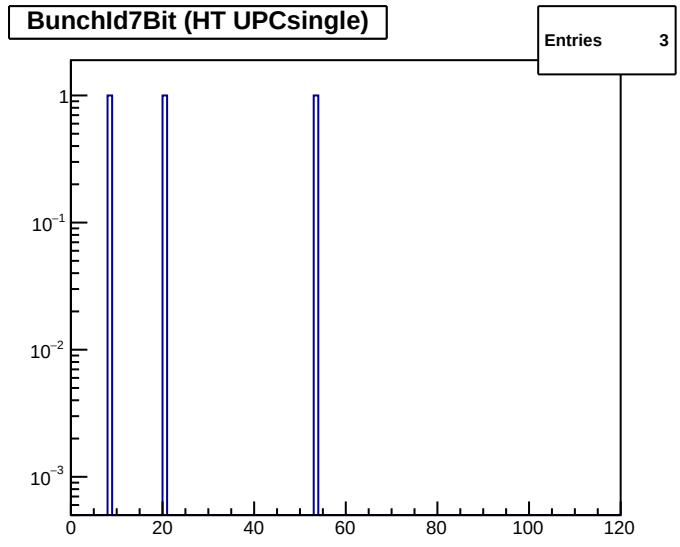
EM201-EE102 Entries 1400004

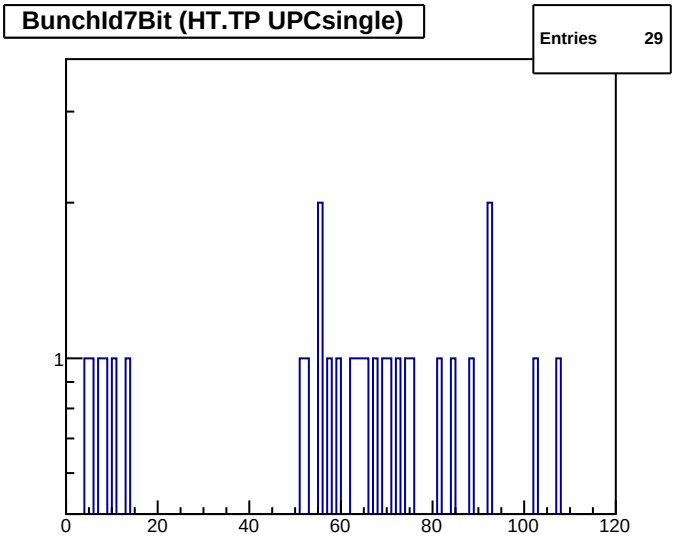


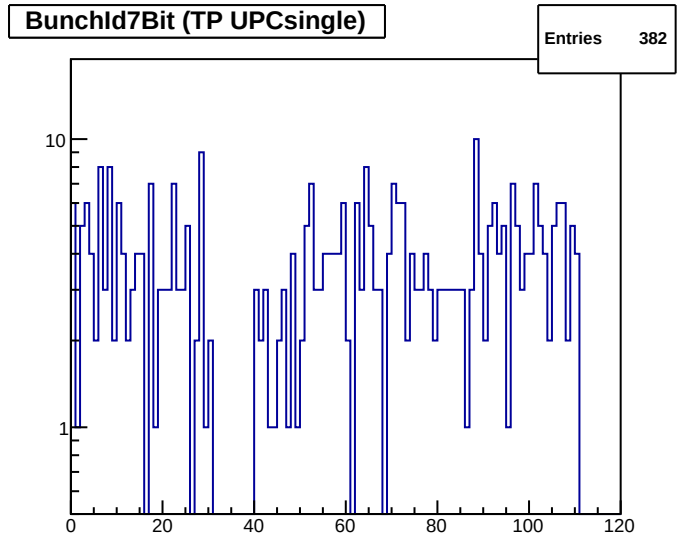
EM201-EE102Diff Entries 0

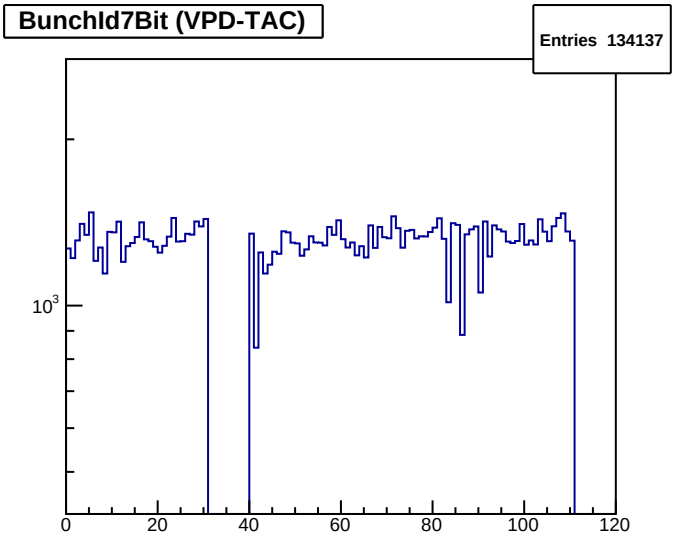


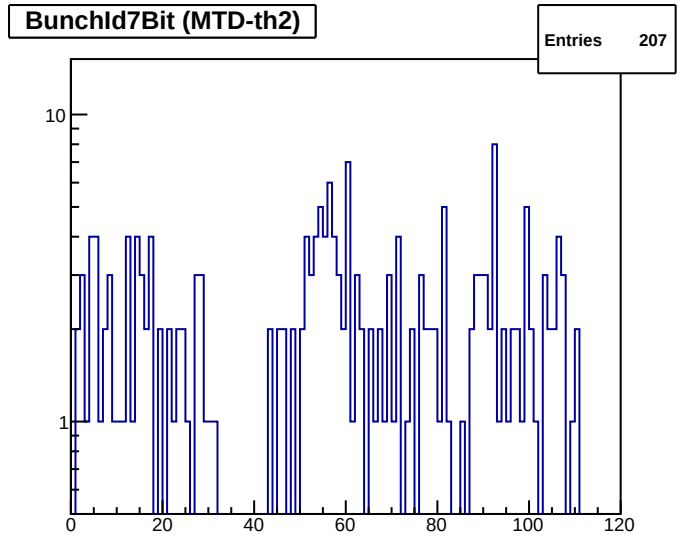

BunchId7Bit (BemcHiTwr-th1)
Entries 835
10
1
0
20
40
60
80
100
120

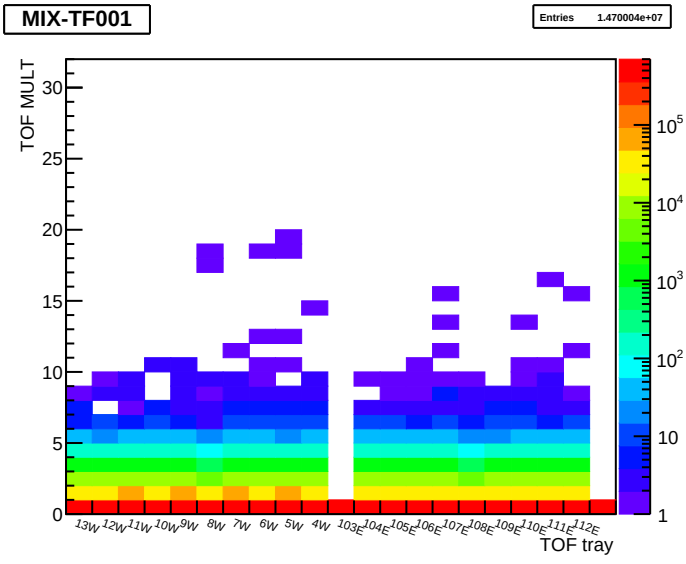

BunchId7Bit (HT UPCsingle)
Entries 3
1
10^{-1}
10^{-2}
10^{-3}
0
20
40
60
80
100
120

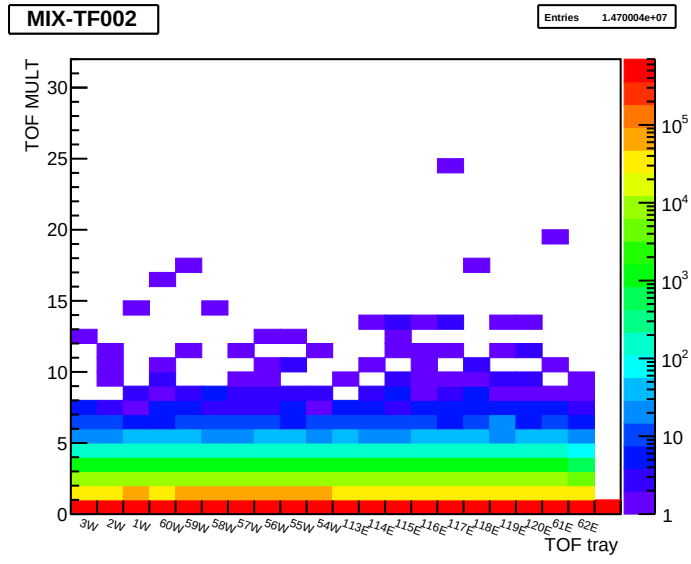

BunchId7Bit (HT.TP UPCsingle)
Entries 29
1
0
20
40
60
80
100
120

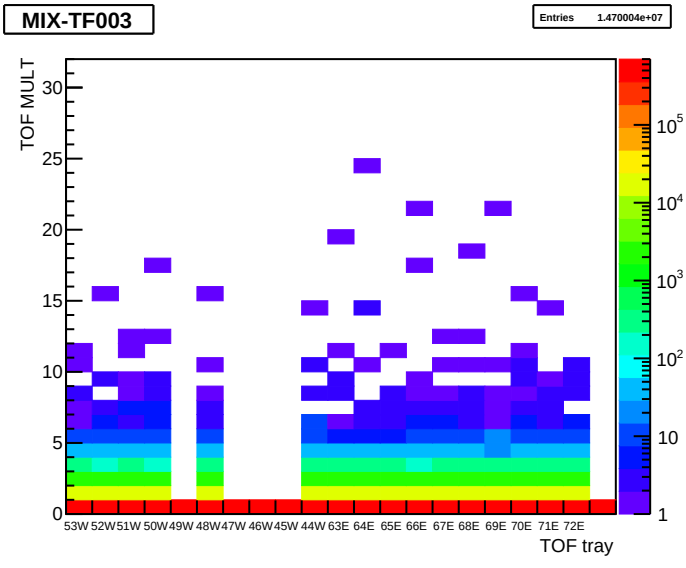

BunchId7Bit (TP UPCsingle)
Entries 382
10
1
0
20
40
60
80
100
120

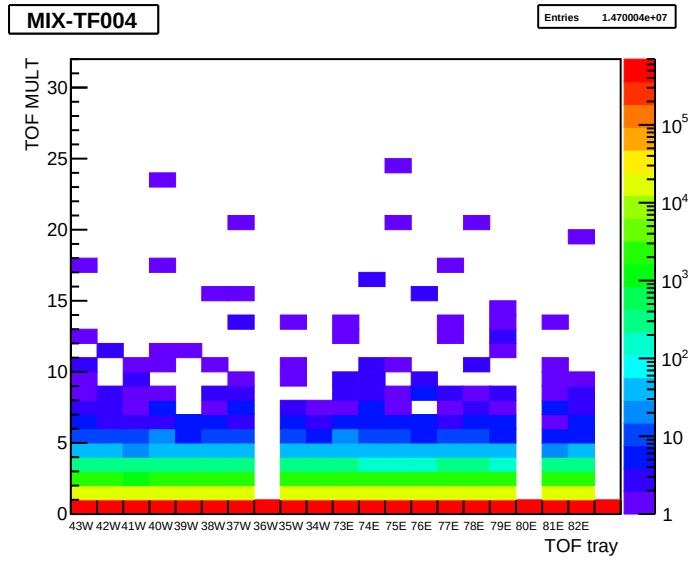

BunchId7Bit (VPD-TAC)
Entries 134137
10^3
0
20
40
60
80
100
120

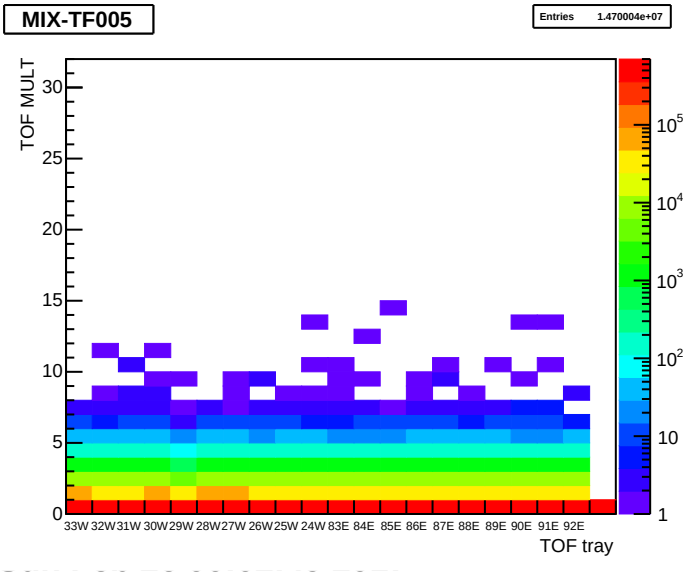

BunchId7Bit (MTD-th2)
Entries 207
10
1
0
20
40
60
80
100
120

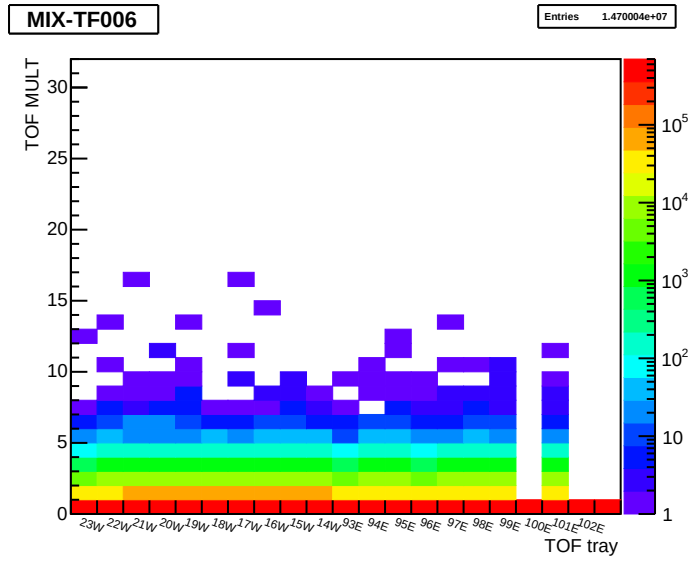

MIX-TF001
Entries 1.470004e+07
TOF MULT
TOF tray

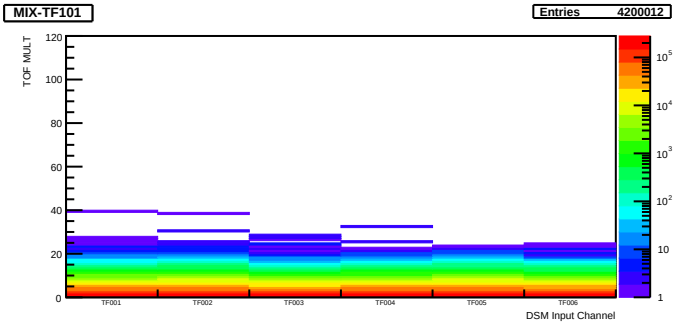

MIX-TF002
Entries 1.470004e+07
TOF MULT
TOF tray

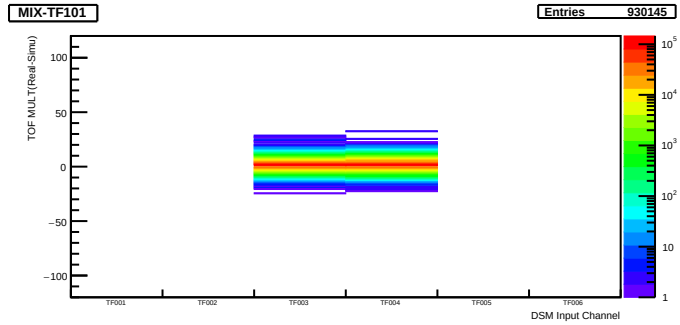

MIX-TF003
Entries 1.470004e+07
TOF MULT
TOF tray

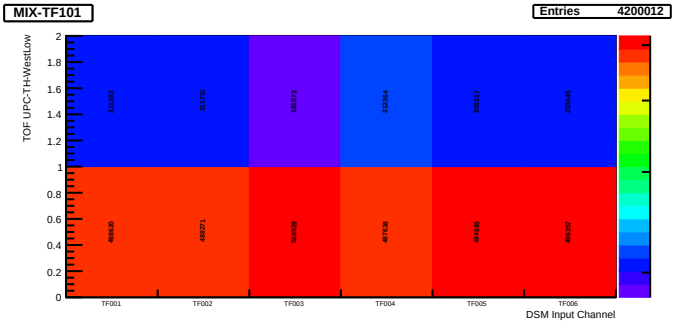

MIX-TF004
Entries 1.470004e+07
TOF MULT
TOF tray

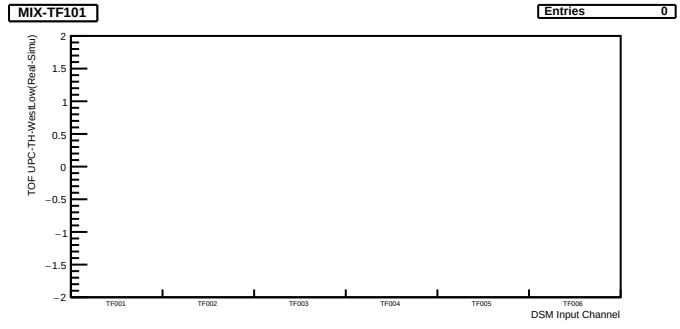

MIX-TF005
Entries 1.470004e+07
TOF MULT
TOF tray

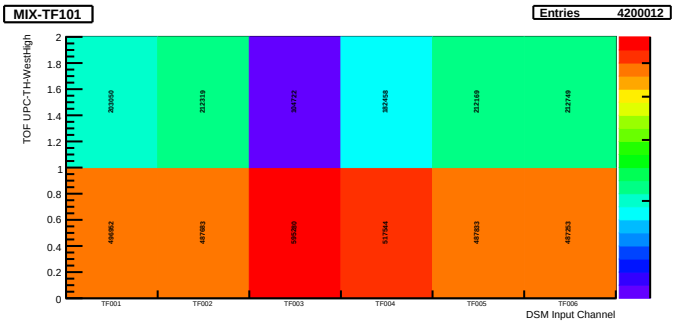

MIX-TF006
Entries 1.470004e+07
TOF MULT
TOF tray

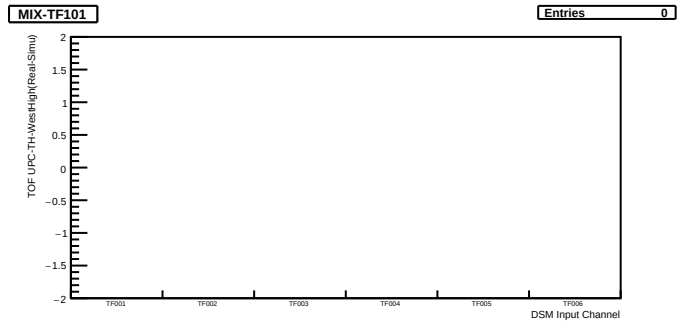

MIX-TF101
Entries 4200012
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

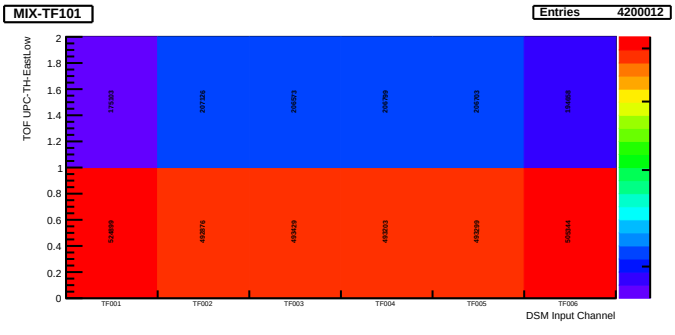

MIX-TF101
Entries 930145
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

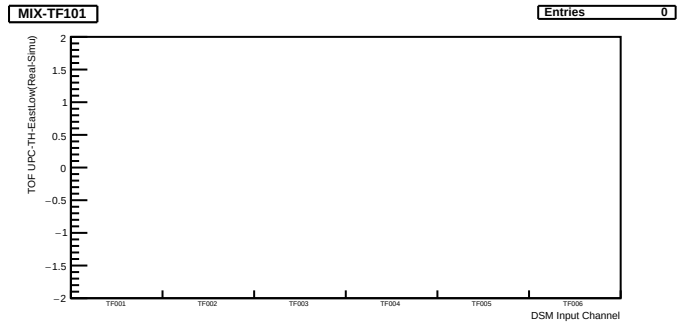

MIX-TF101
Entries 4200012
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

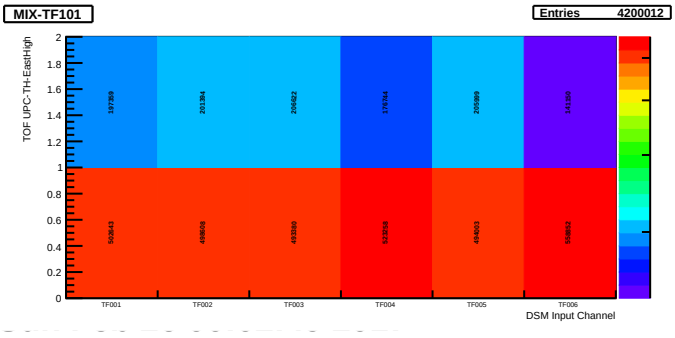

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

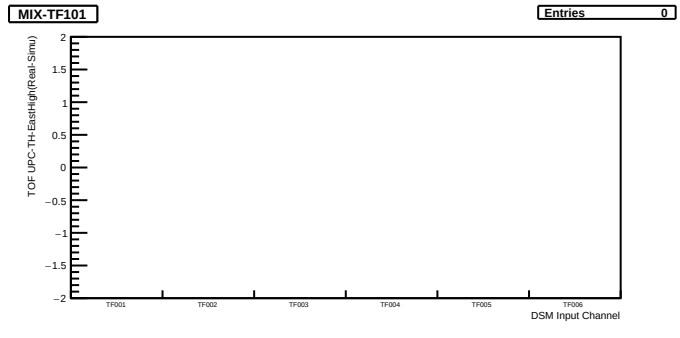

MIX-TF101
Entries 4200012
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

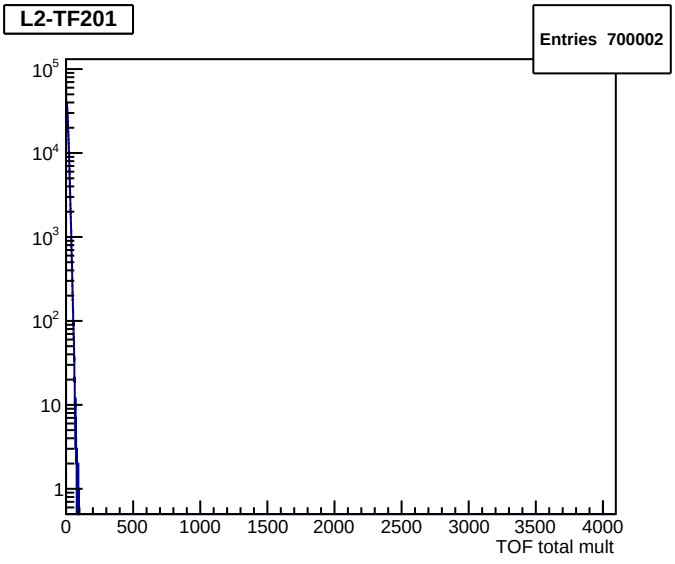

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

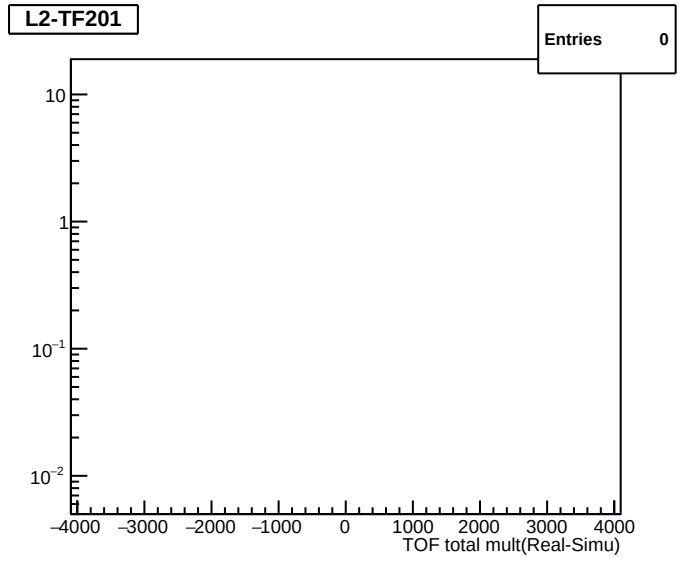

MIX-TF101
Entries 4200012
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

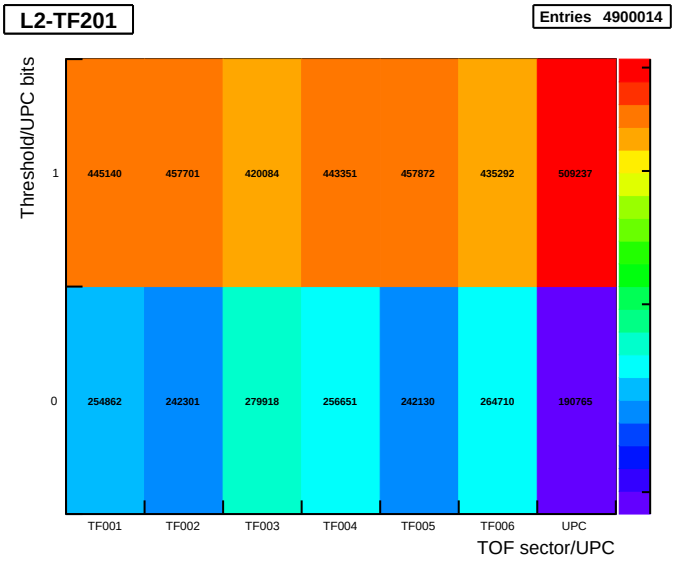

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

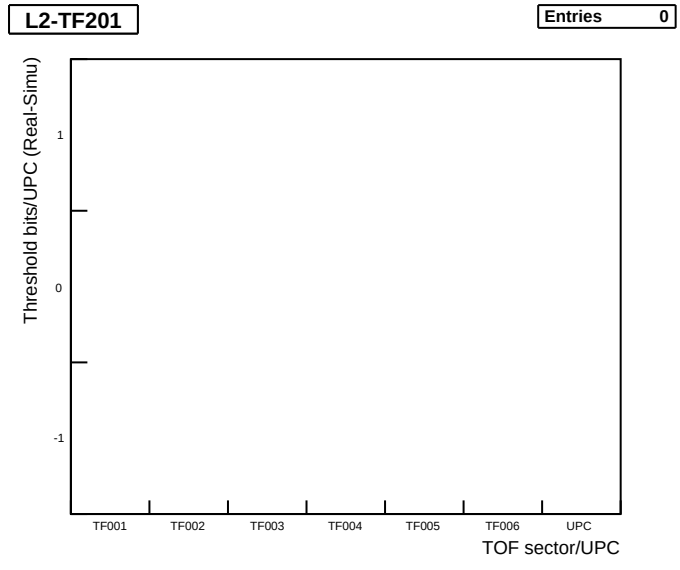

MIX-TF101
Entries 4200012
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

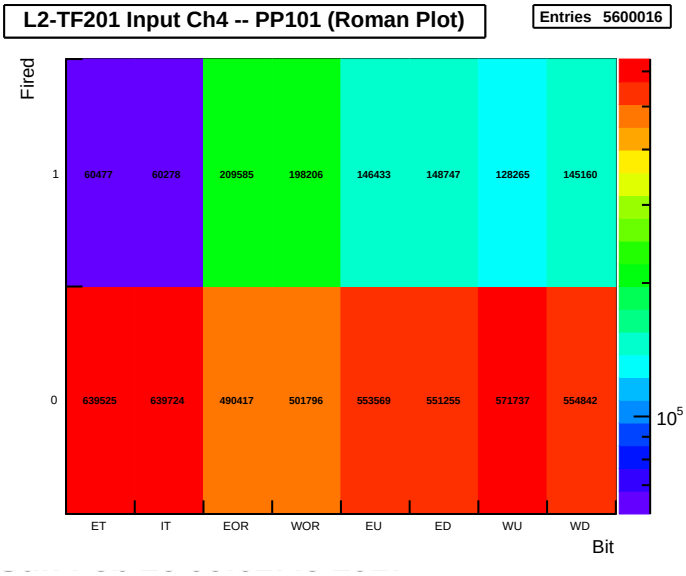

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

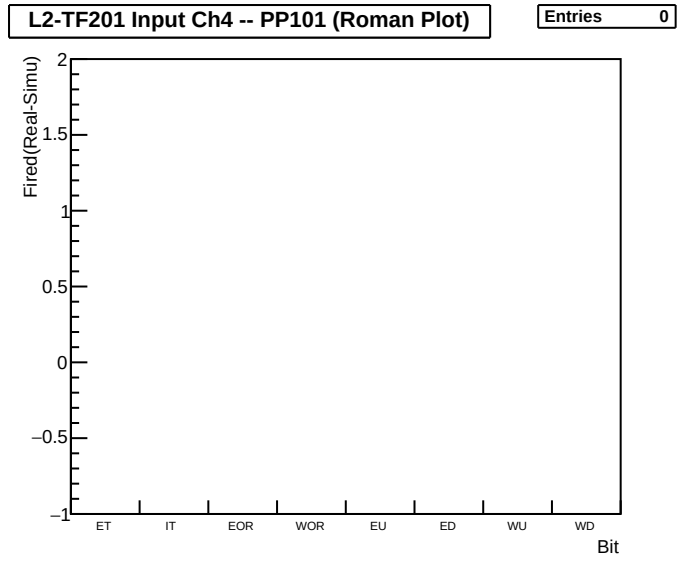

L2-TF201
Entries 700002
TOF total mult

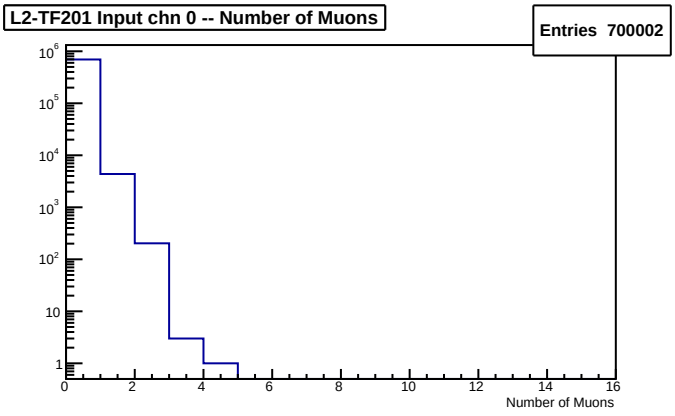

L2-TF201
Entries 0
TOF total mult(Real-Simu)

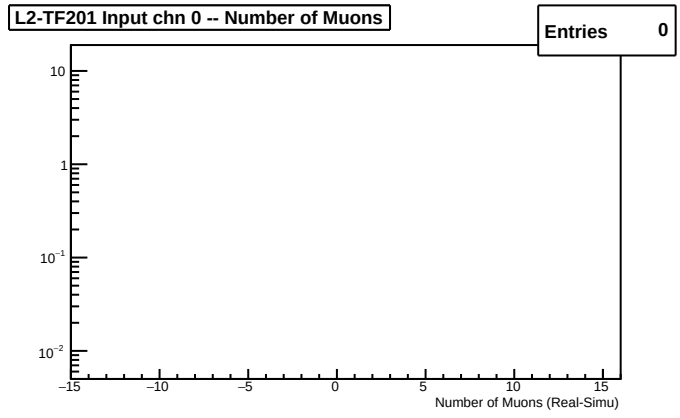

L2-TF201
Entries 4900014
Threshold/UPC bits
445140 457701 420084 443351 457872 435292 509237
254862 242301 279918 256651 242130 264710 190765
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

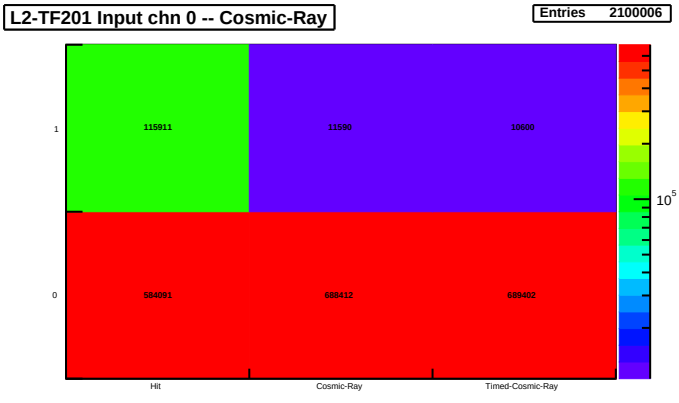

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

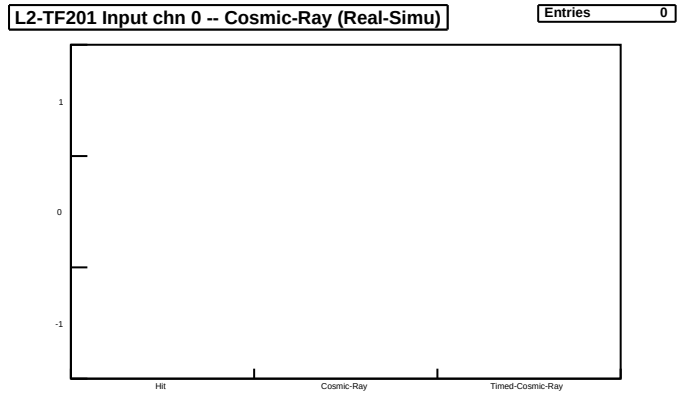

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5600016
Fired
60477 60278 209585 198206 146433 148747 128265 145160
639525 639724 490417 501796 553569 551255 571737 554842
ET IT EOR WOR EU ED WU WD
Bit

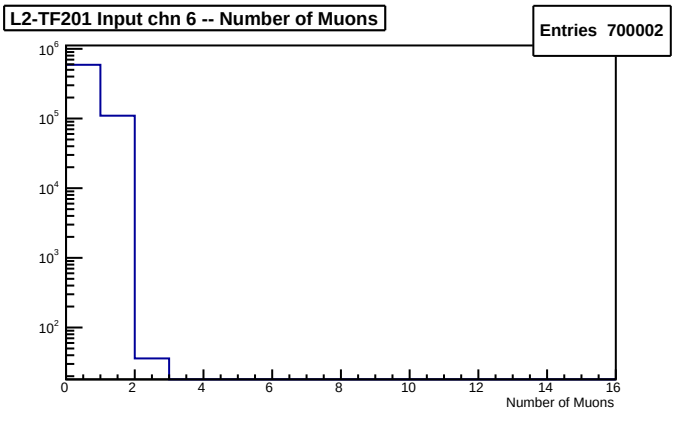

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

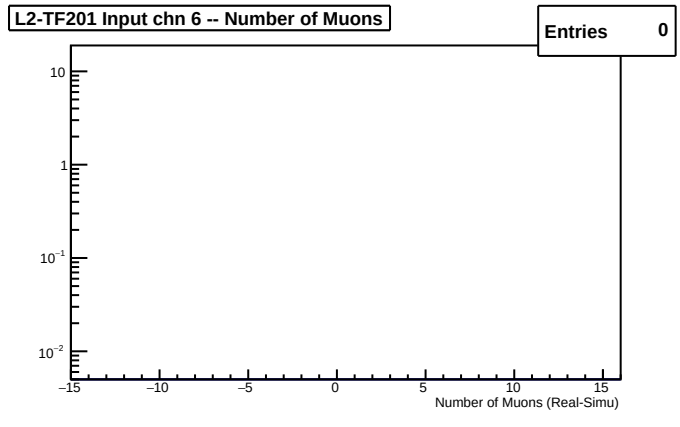

L2-TF201 Input chn 0 -- Number of Muons
Entries 700002
Number of Muons

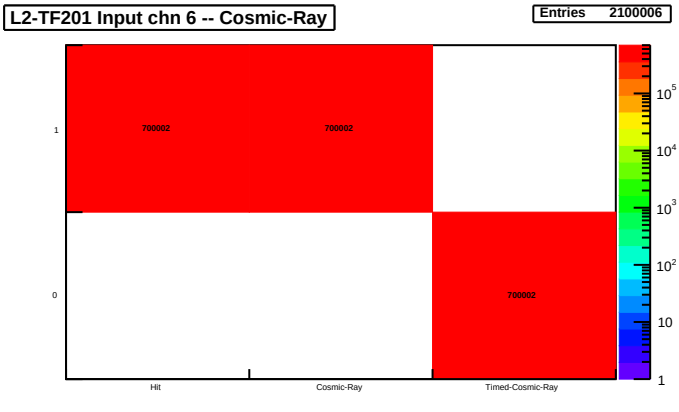

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

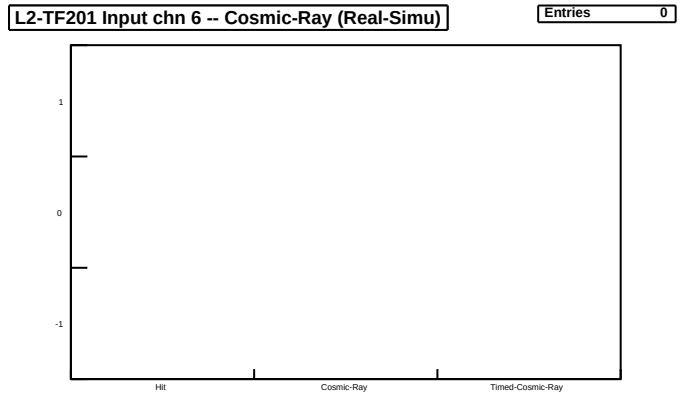

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2100006
115911
11590
10600
584091
688412
689402
Hit
Cosmic-Ray
Timed-Cosmic-Ray

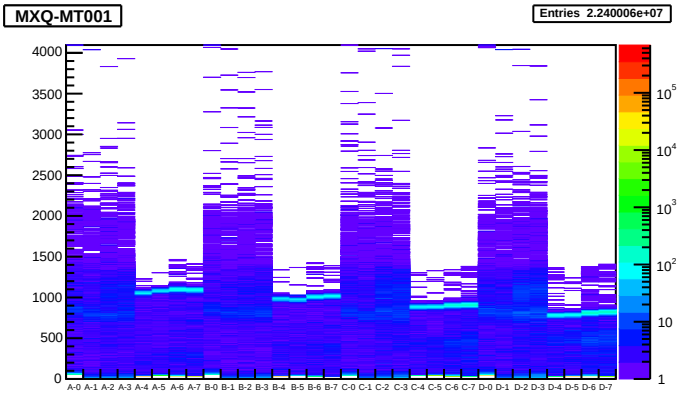

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

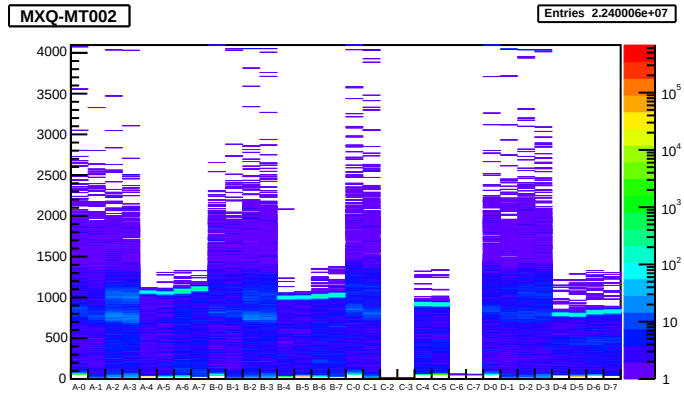

L2-TF201 Input chn 6 -- Number of Muons
Entries 700002
Number of Muons

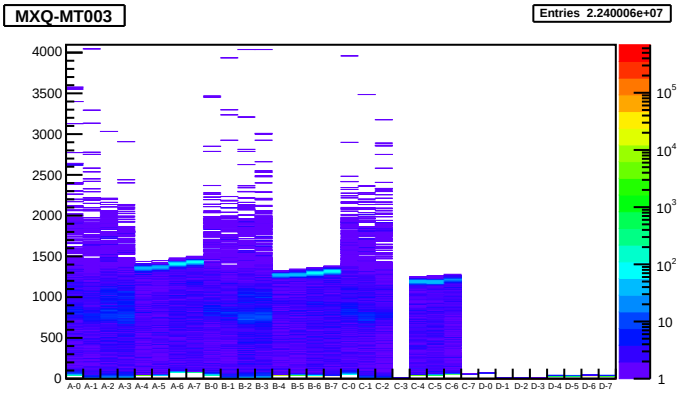

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

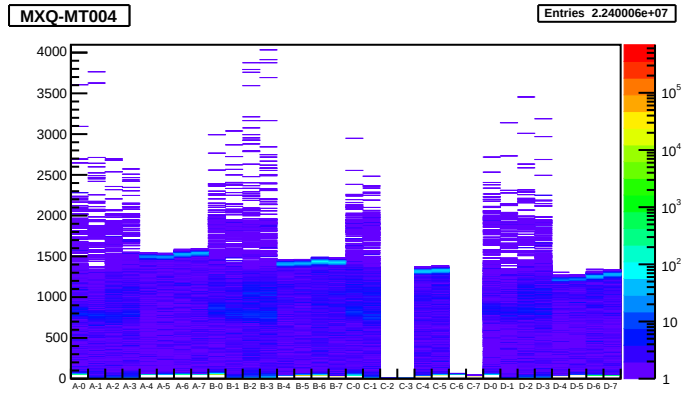

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 2100006
700002
700002
700002
Hit
Cosmic-Ray
Timed-Cosmic-Ray

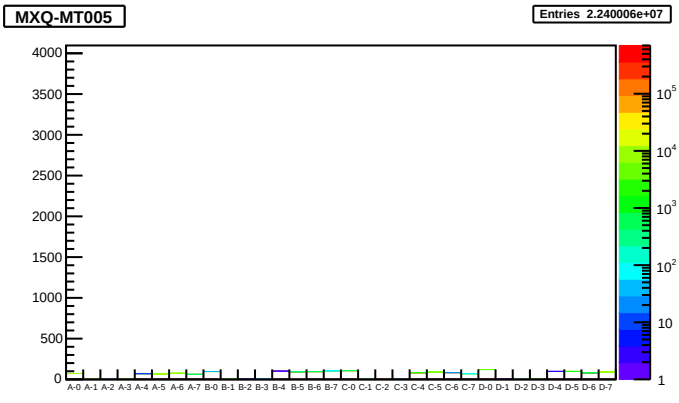

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

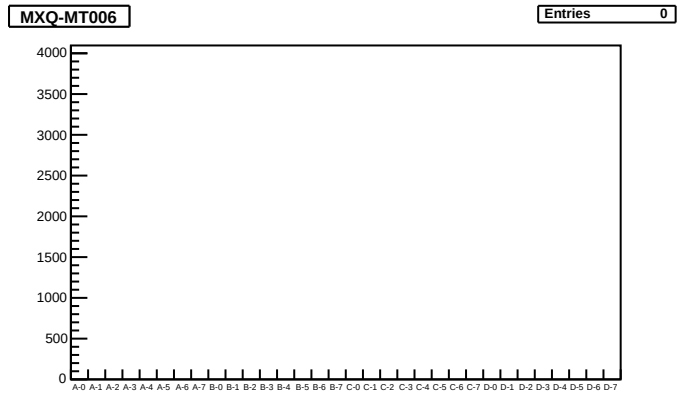

MXQ-MT001
Entries 2.240006e+07

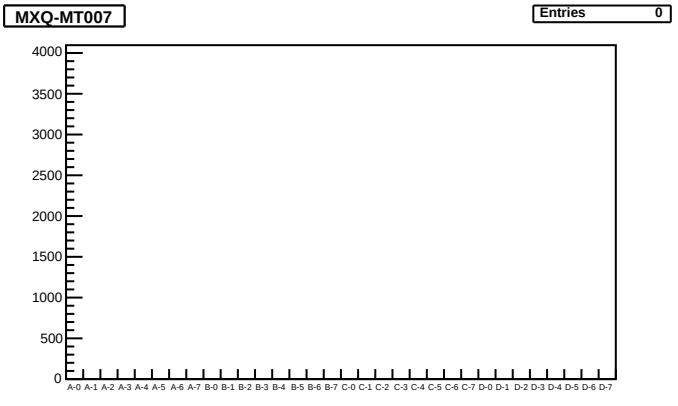

MXQ-MT002
Entries 2.240006e+07

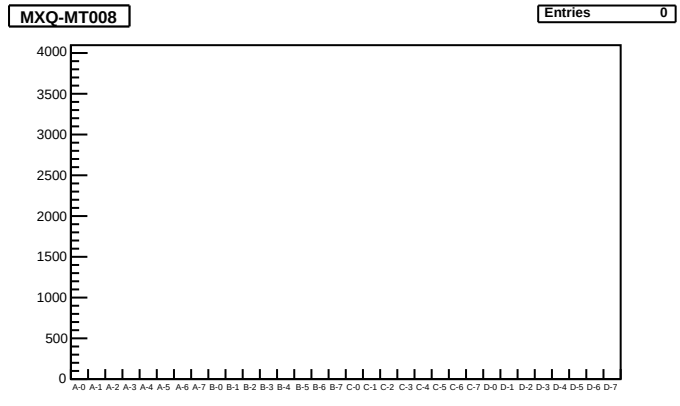

MXQ-MT003
Entries 2.240006e+07

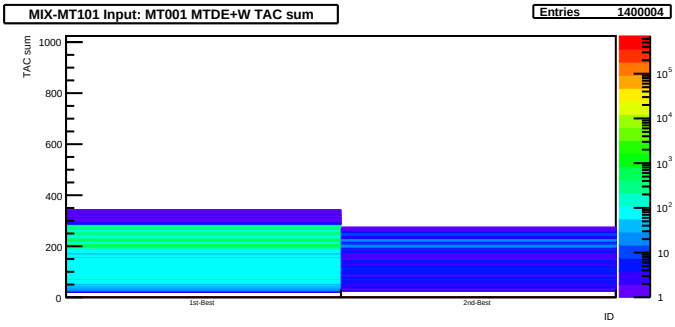

MXQ-MT004
Entries 2.240006e+07

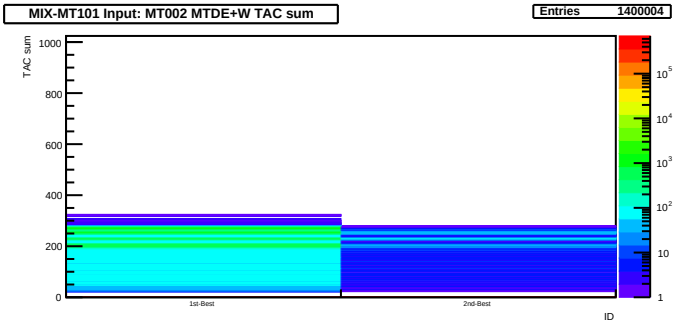

MXQ-MT005
Entries 2.240006e+07

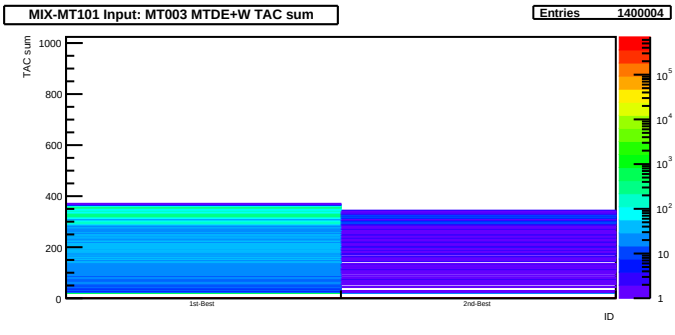

MXQ-MT006
Entries 0

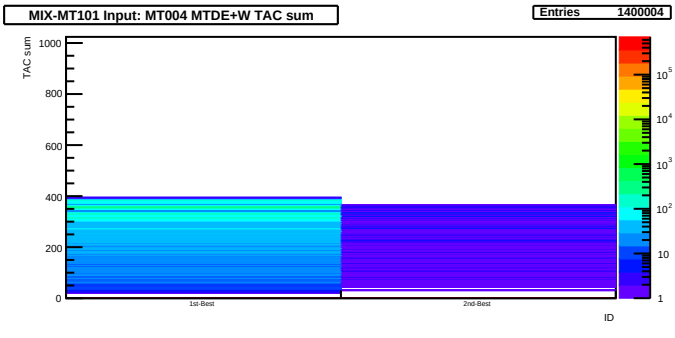

MXQ-MT007
Entries 0

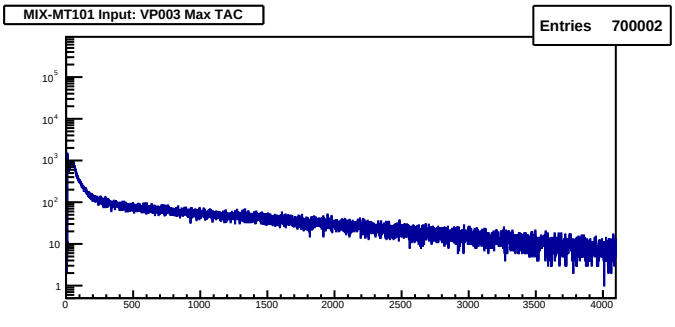

MXQ-MT008
Entries 0

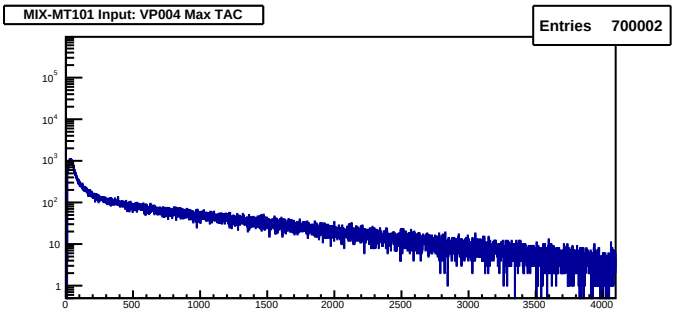

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1400004
TAC sum
1st-Best
2nd-Best
ID

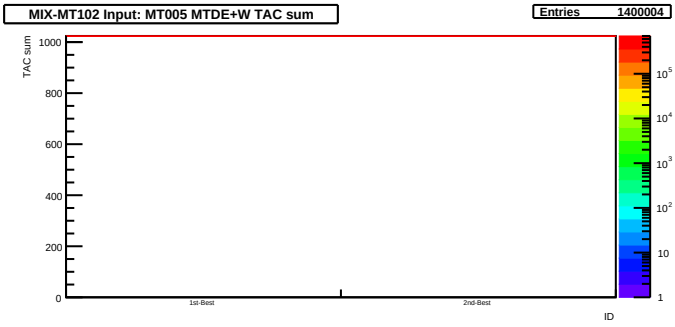

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1400004
TAC sum
1st-Best
2nd-Best
ID

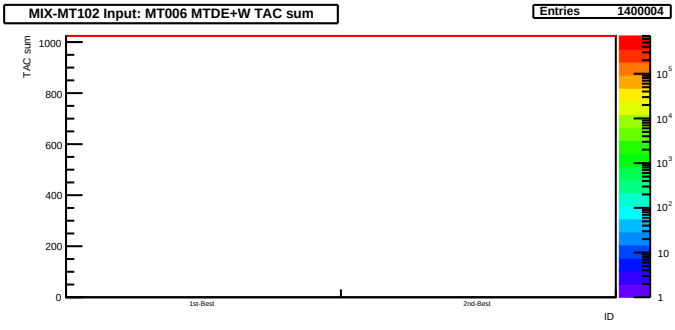

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1400004
TAC sum
1st-Best
2nd-Best
ID

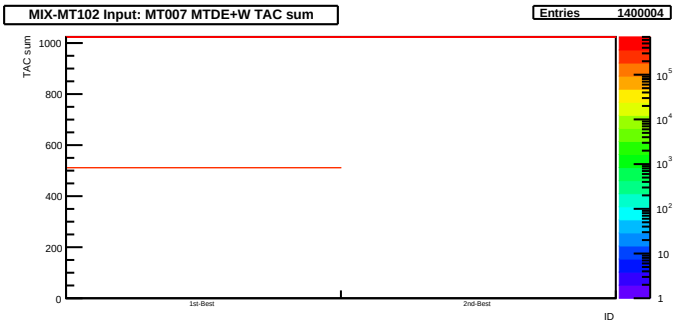

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1400004
TAC sum
1st-Best
2nd-Best
ID

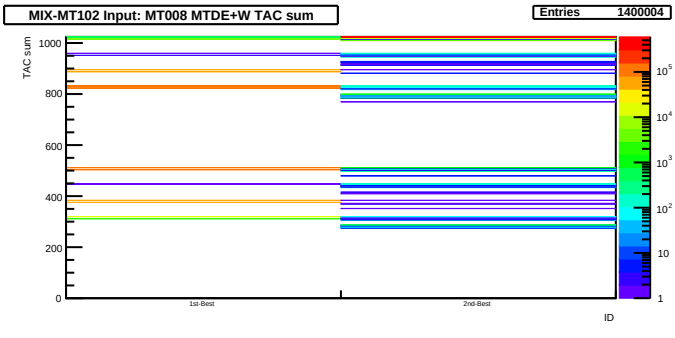

MIX-MT101 Input: VP003 Max TAC
Entries 700002

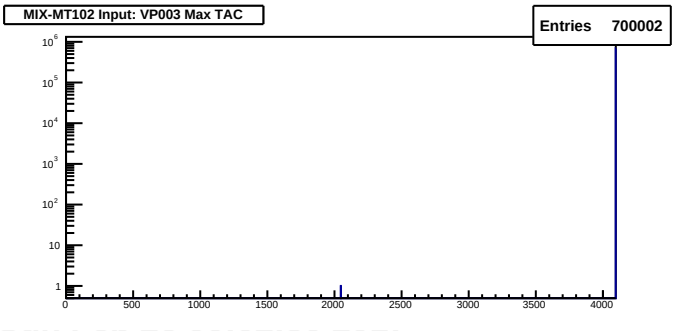

MIX-MT101 Input: VP004 Max TAC
Entries 700002

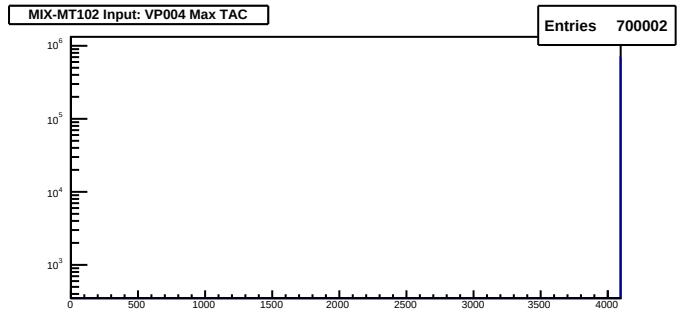

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1400004
TAC sum
1st-Best
2nd-Best
ID

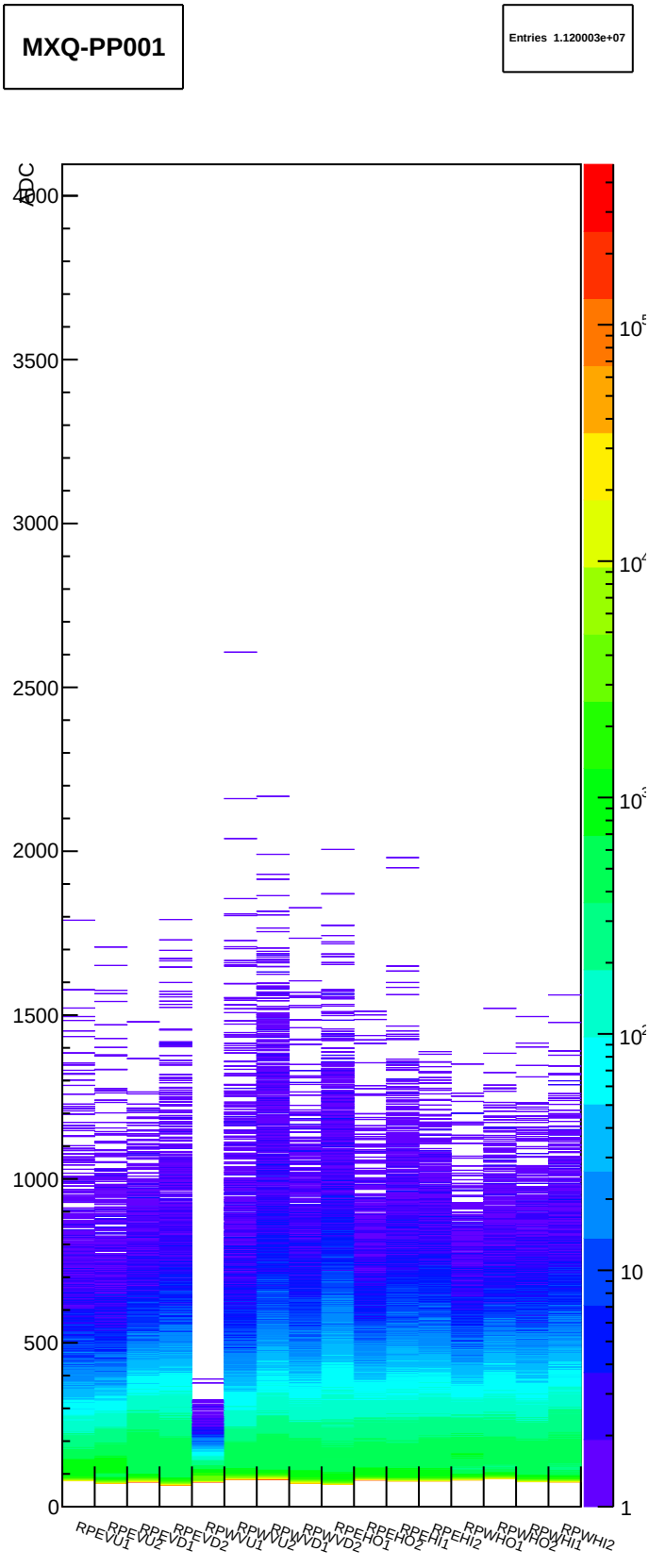

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1400004
TAC sum
1st-Best
2nd-Best
ID

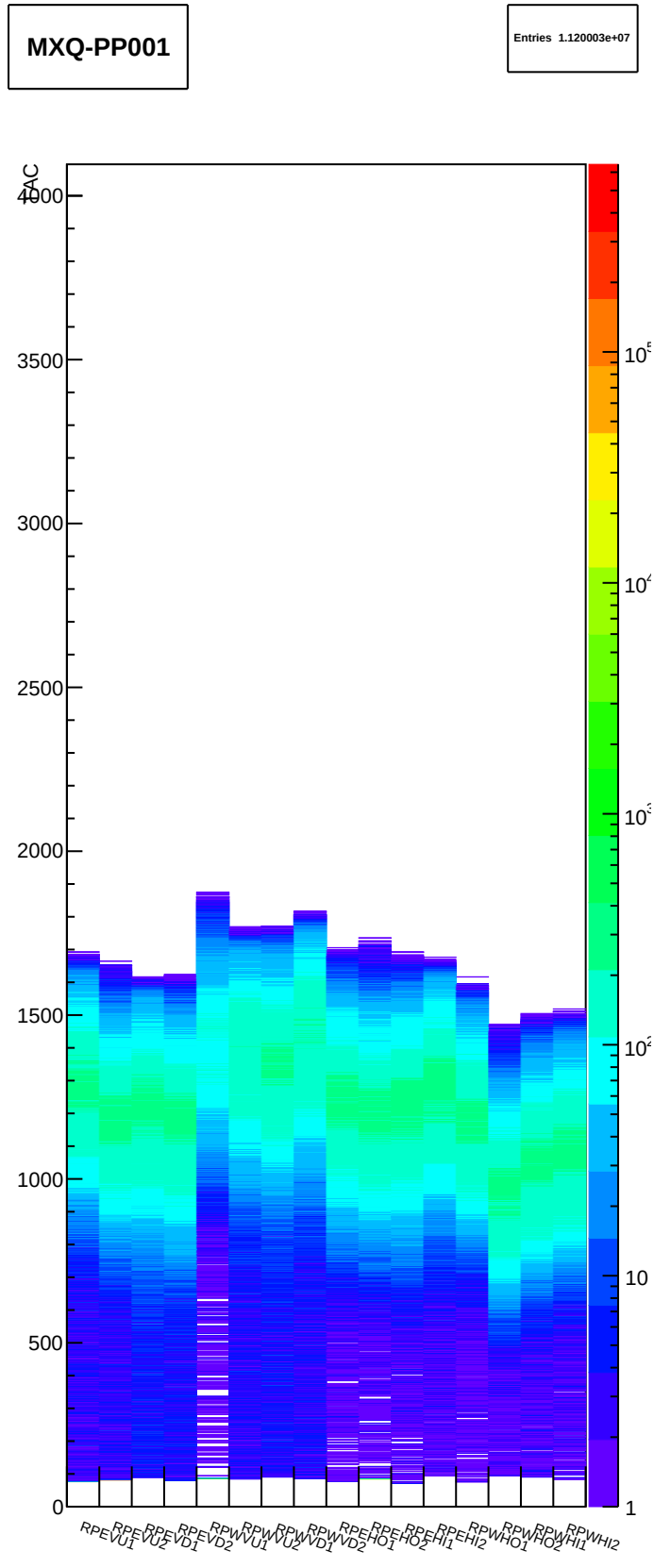

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1400004
TAC sum
1st-Best
2nd-Best
ID

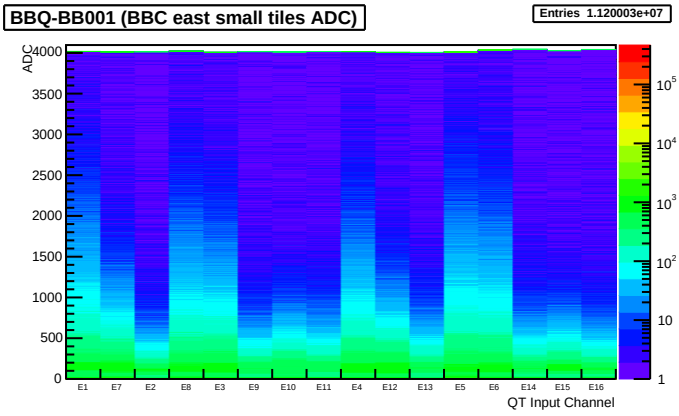

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1400004
TAC sum
1st-Best
2nd-Best
ID

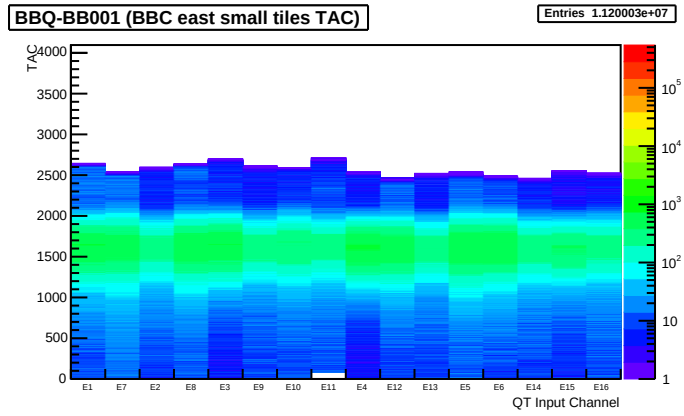

MIX-MT102 Input: VP003 Max TAC
Entries 700002

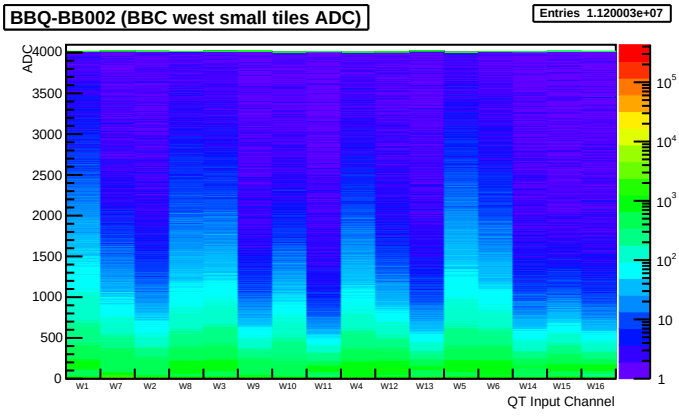

MIX-MT102 Input: VP004 Max TAC
Entries 700002

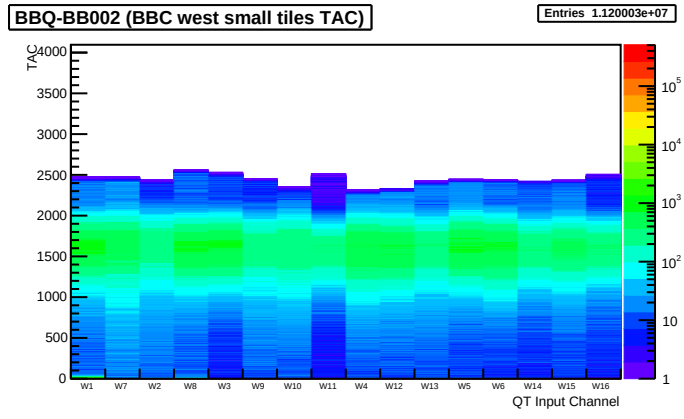

MXQ-PP001
Entries 1.120003e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

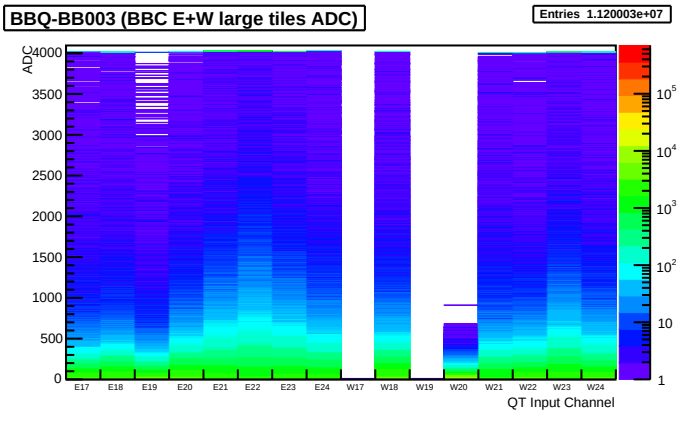

MXQ-PP001
Entries 1.120003e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

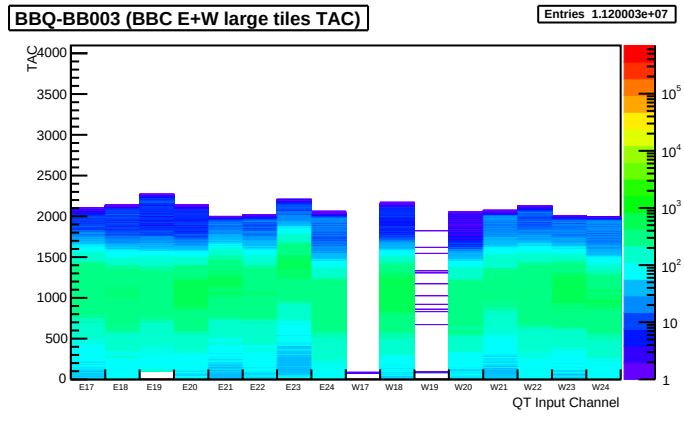

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.120003e+07
ADC
QT Input Channel

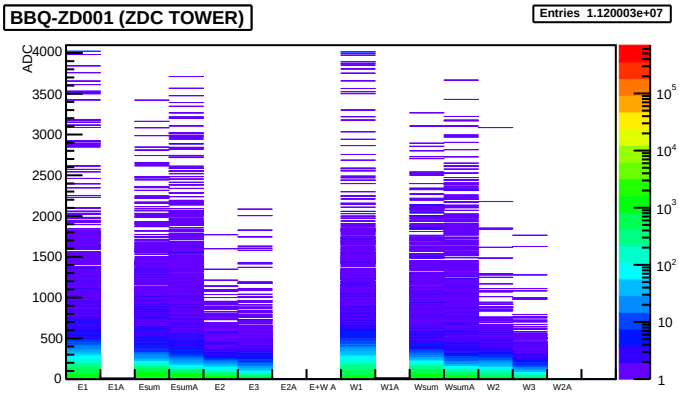

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.120003e+07
TAC
QT Input Channel

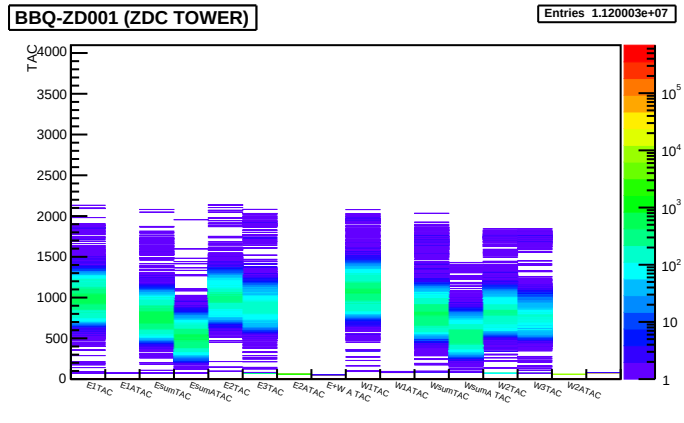

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.120003e+07
ADC
QT Input Channel

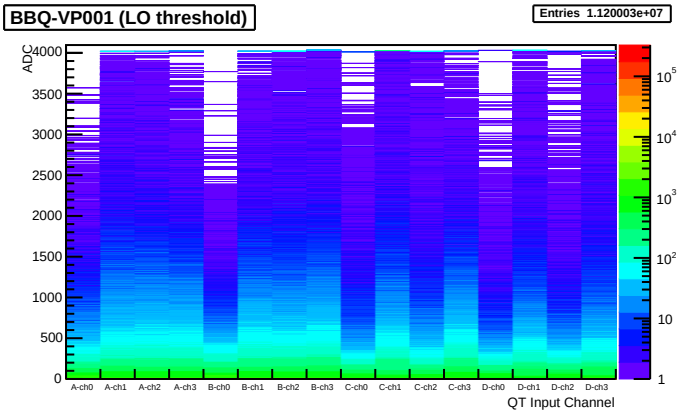

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.120003e+07
TAC
QT Input Channel

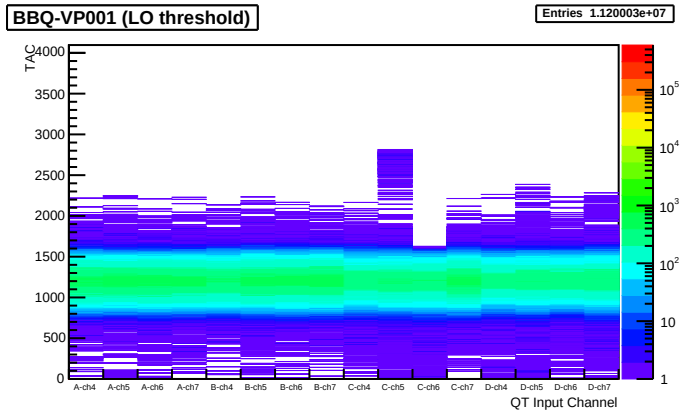

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.120003e+07
ADC
QT Input Channel

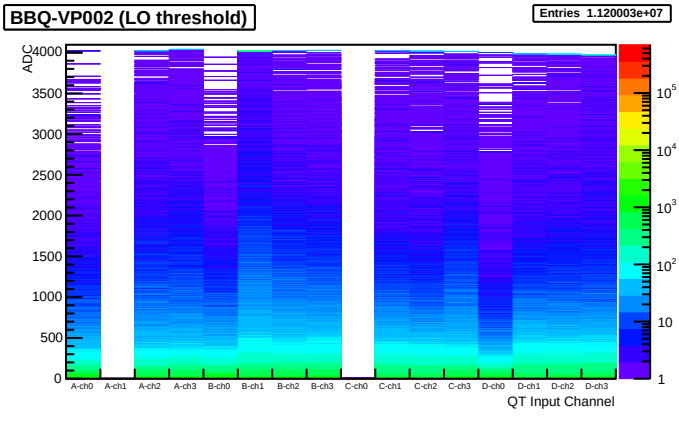

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.120003e+07
TAC
QT Input Channel

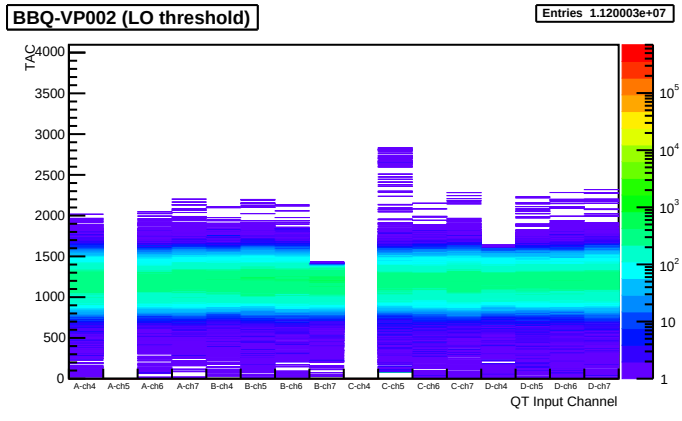

BBQ-ZD001 (ZDC TOWER)
Entries 1.120003e+07
ADC

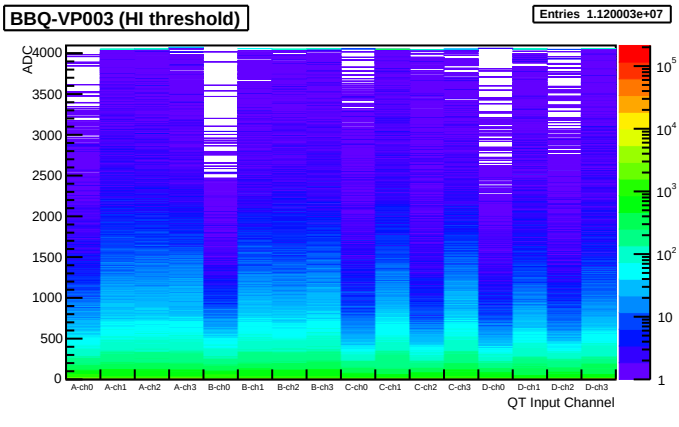

BBQ-ZD001 (ZDC TOWER)
Entries 1.120003e+07
TAC

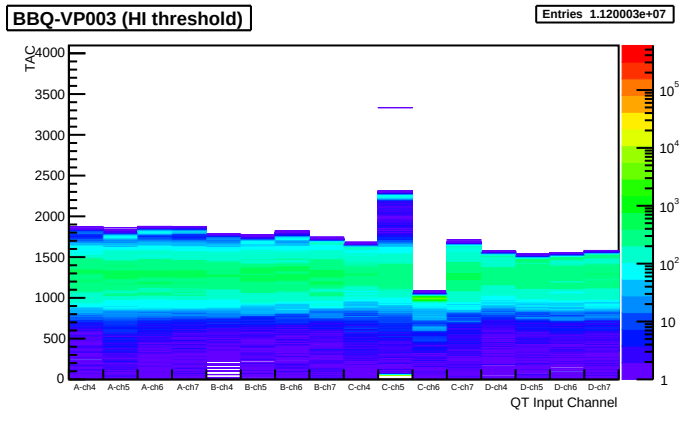

BBQ-VP001 (LO threshold)
Entries 1.120003e+07
ADC
QT Input Channel

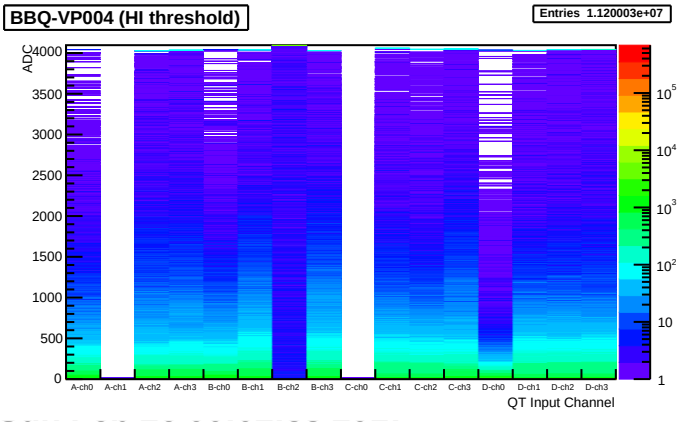

BBQ-VP001 (LO threshold)
Entries 1.120003e+07
TAC
QT Input Channel

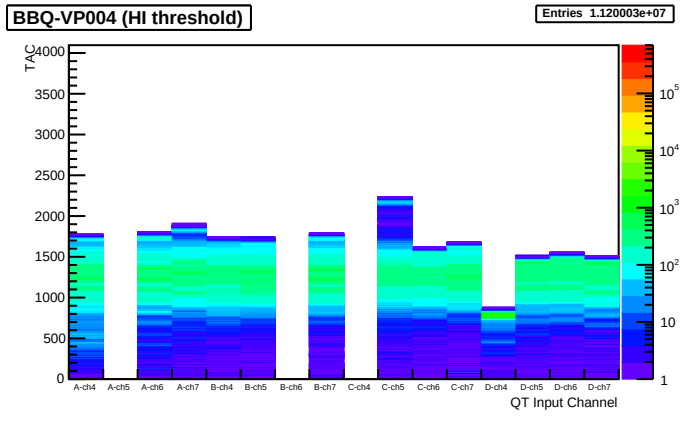

BBQ-VP002 (LO threshold)
Entries 1.120003e+07
ADC
QT Input Channel

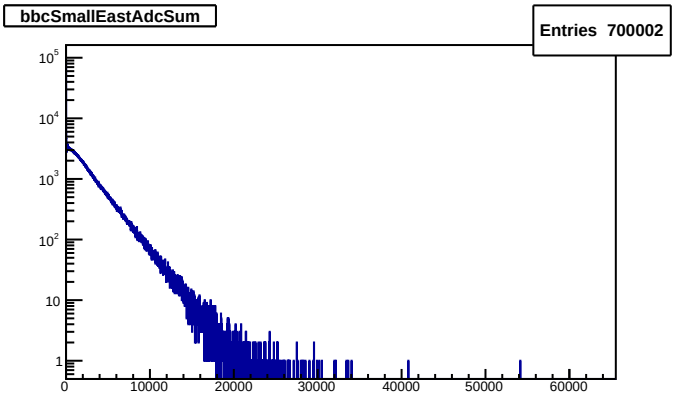

BBQ-VP002 (LO threshold)
Entries 1.120003e+07
TAC
QT Input Channel

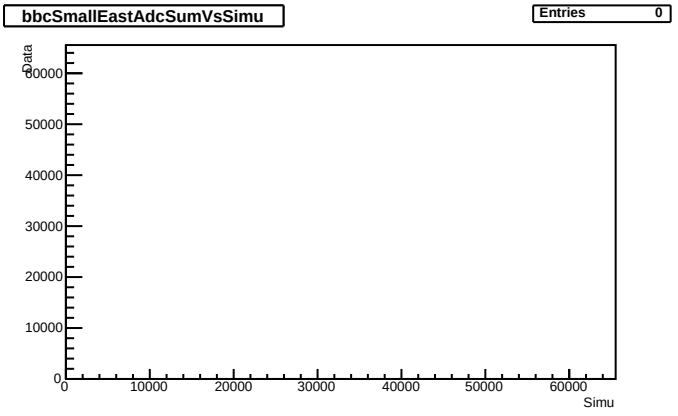

BBQ-VP003 (HI threshold)
Entries 1.120003e+07
ADC
QT Input Channel

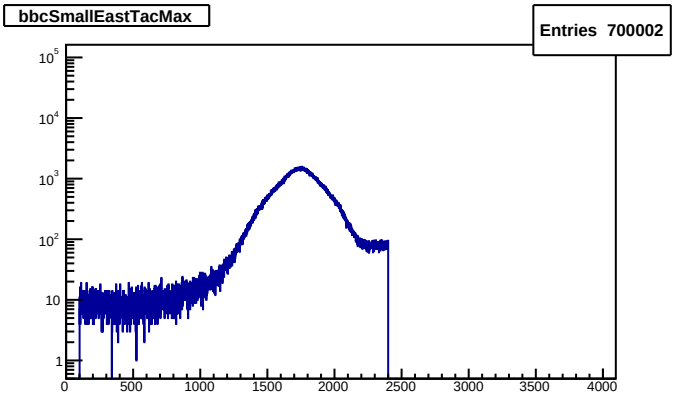

BBQ-VP003 (HI threshold)
Entries 1.120003e+07
TAC
QT Input Channel

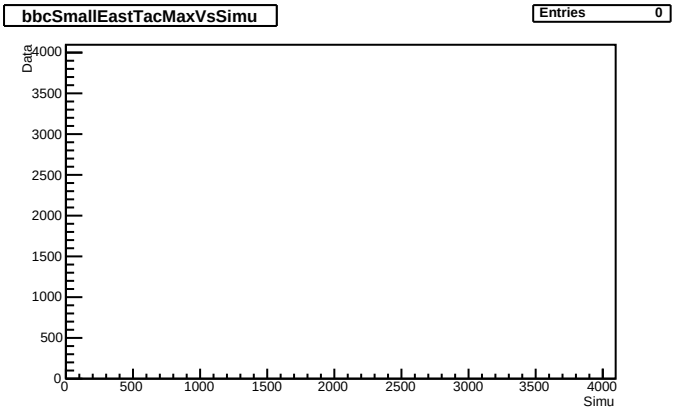

BBQ-VP004 (HI threshold)
Entries 1.120003e+07
ADC
QT Input Channel

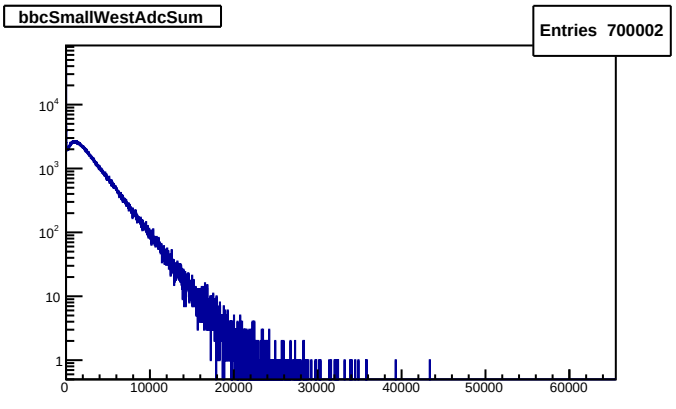

BBQ-VP004 (HI threshold)
Entries 1.120003e+07
TAC
QT Input Channel

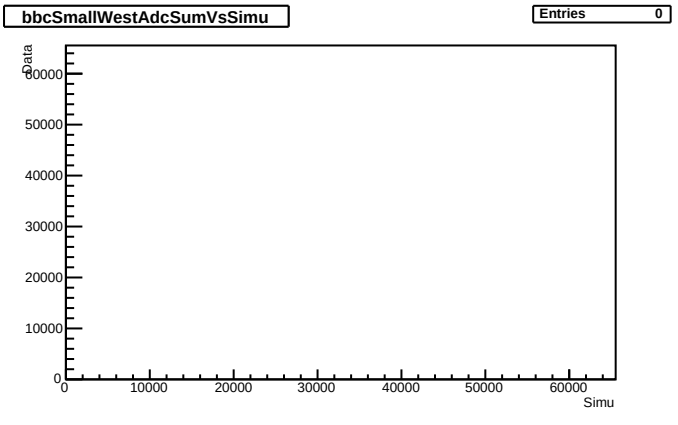

bbcSmallEastAdcSum
Entries 700002

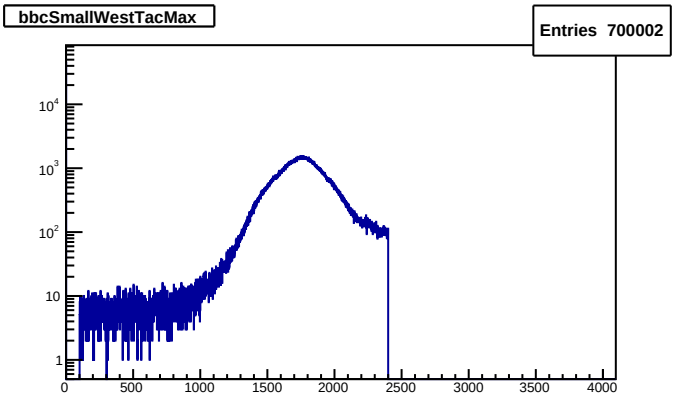

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

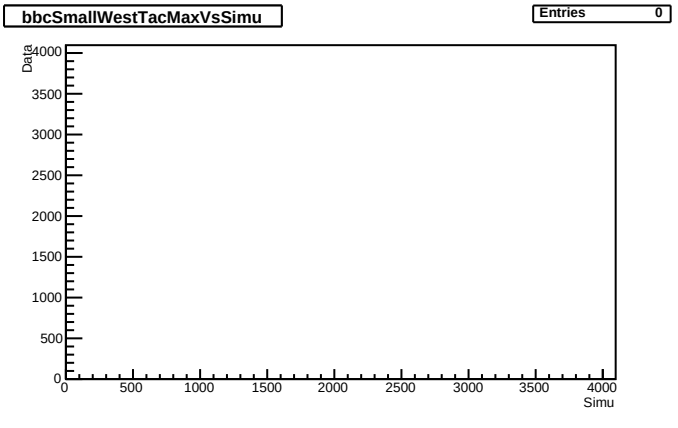

bbcSmallEastTacMax
Entries 700002

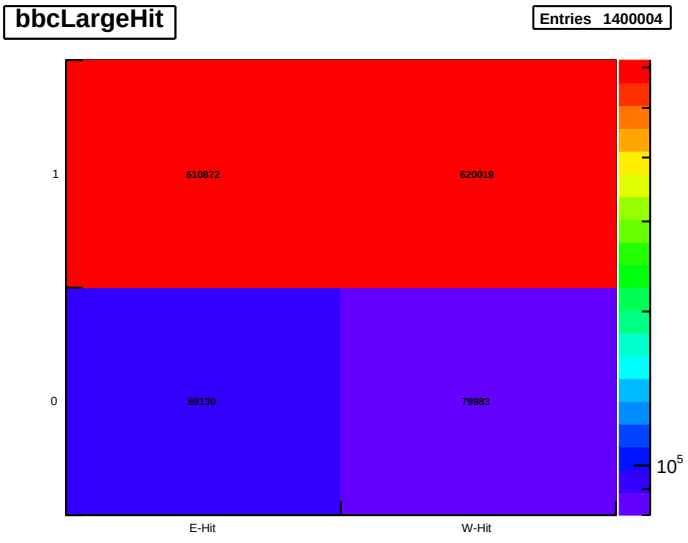

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

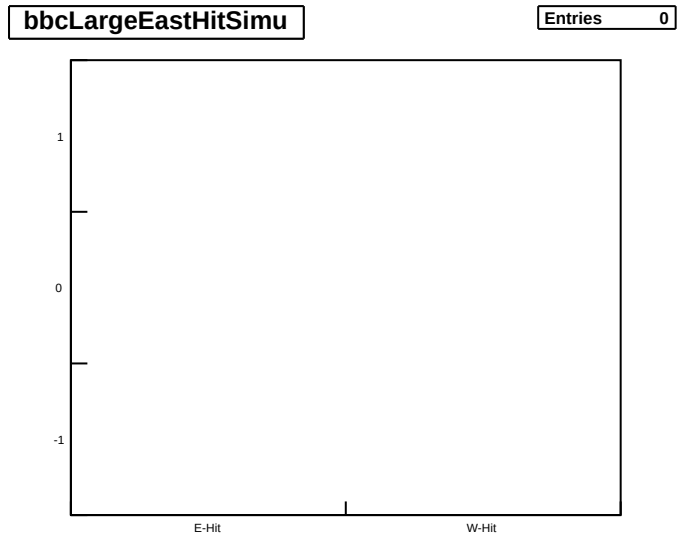

bbcSmallWestAdcSum
Entries 700002

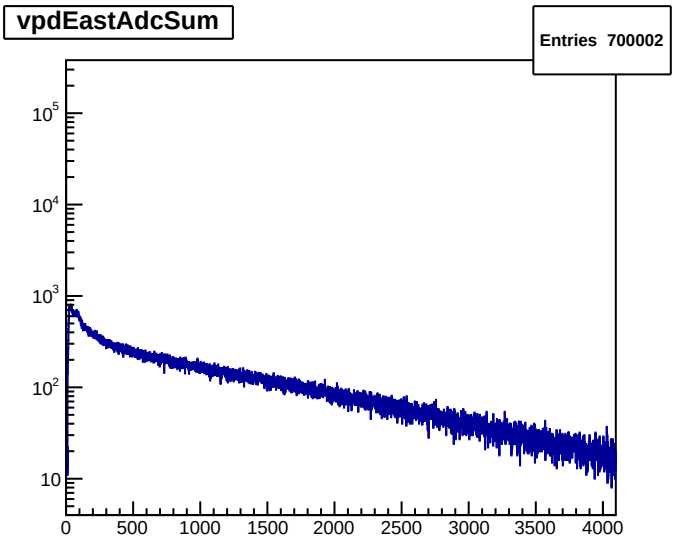

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

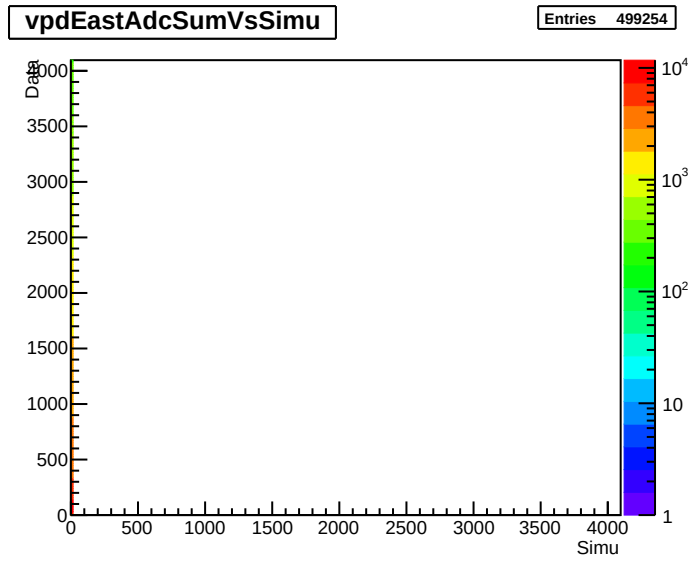

bbcSmallWestTacMax
Entries 700002

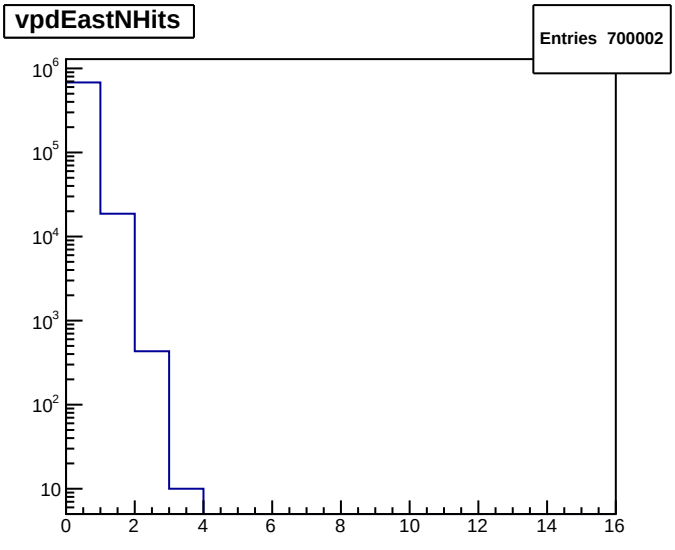

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

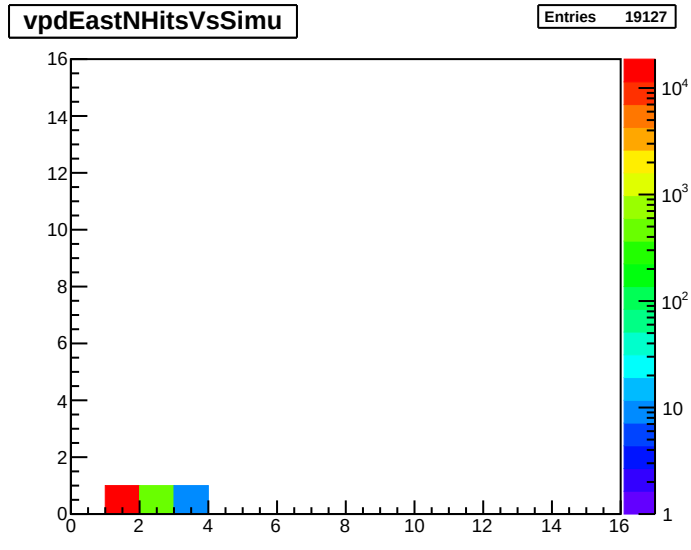

bbcLargeHit
Entries 1400004
1
0
610872
620019
89130
79983
E-Hit
W-Hit
10^5

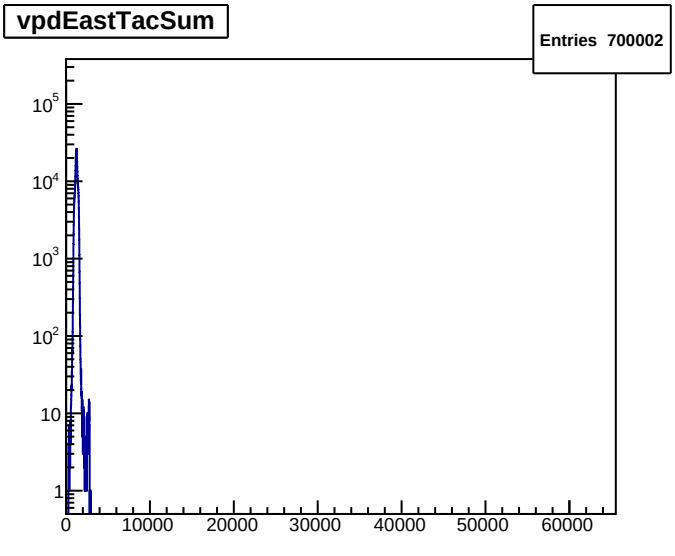

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

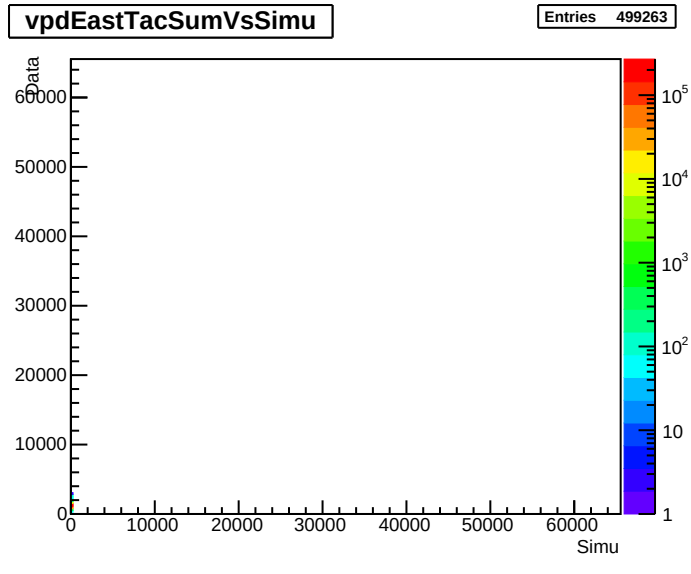

vpdEastAdcSum
Entries 700002

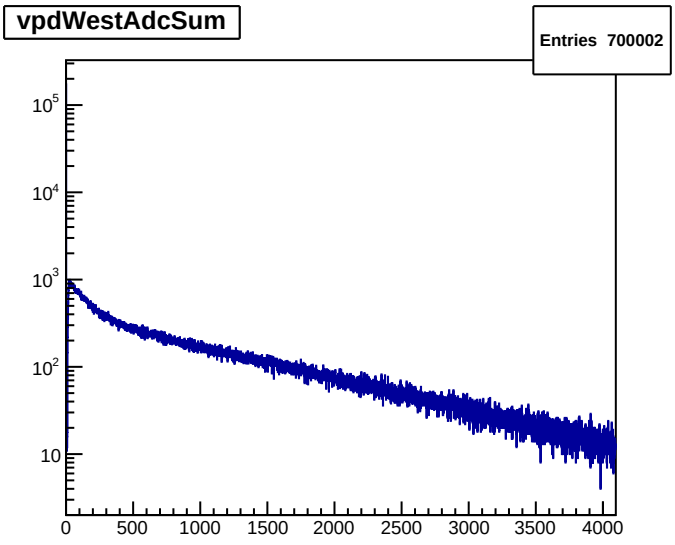

vpdEastAdcSumVsSimu
Entries 499254
Data
Simu

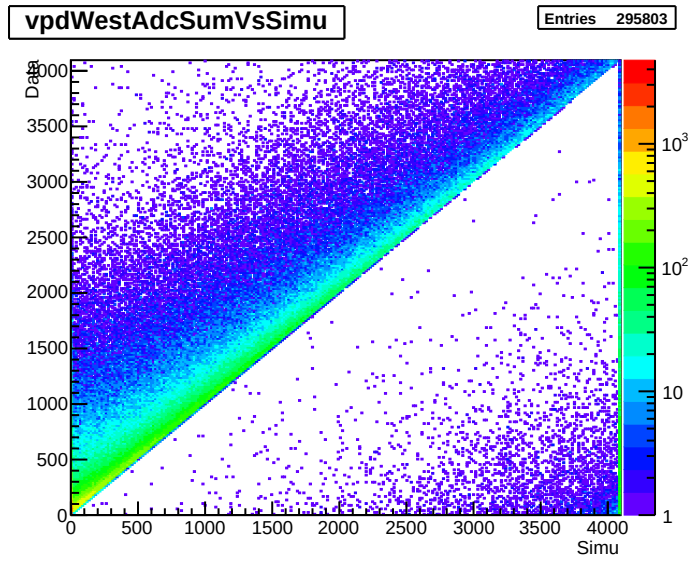

vpdEastNHits
Entries 700002

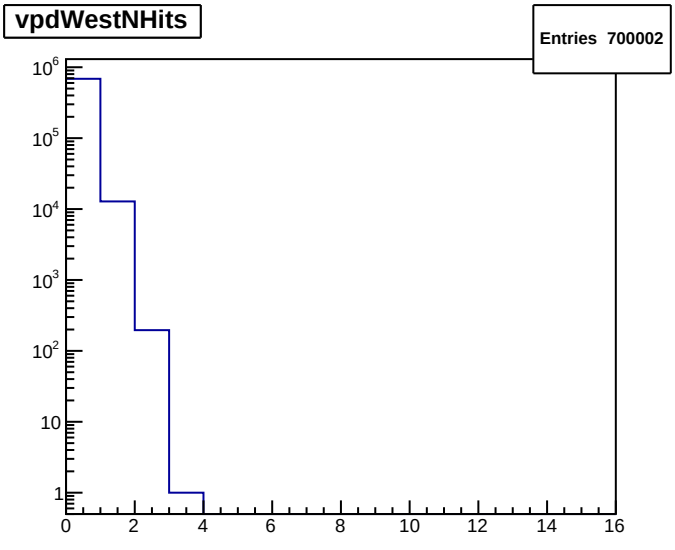

vpdEastNHitsVsSimu
Entries 19127

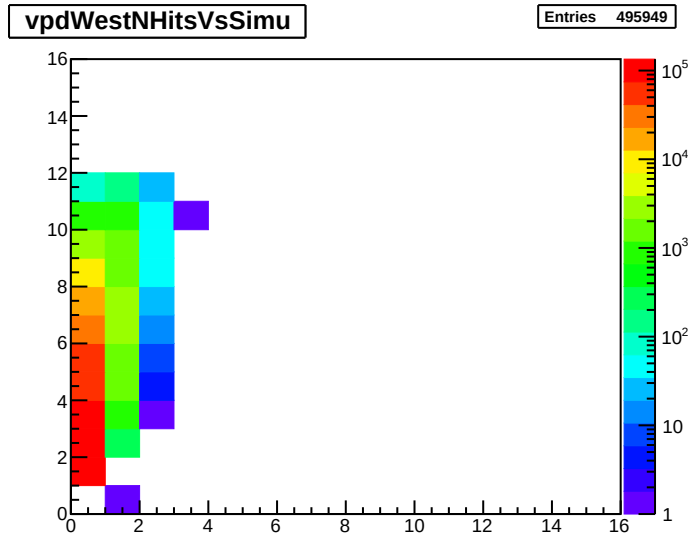

vpdEastTacSum
Entries 700002

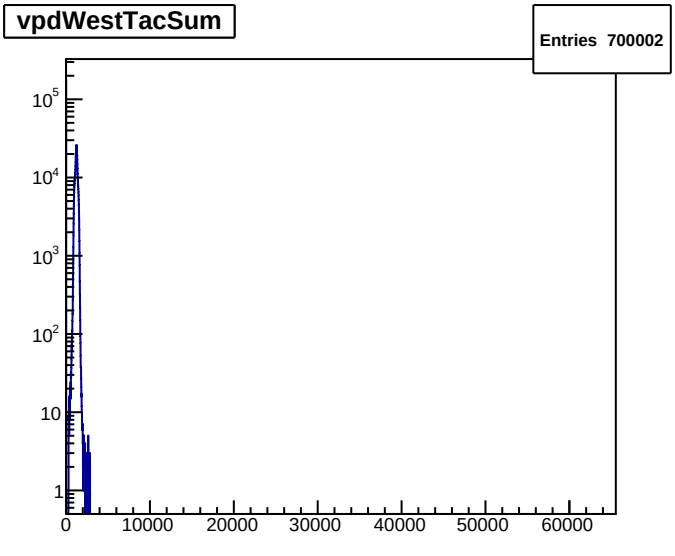

vpdEastTacSumVsSimu
Entries 499263
Data
Simu

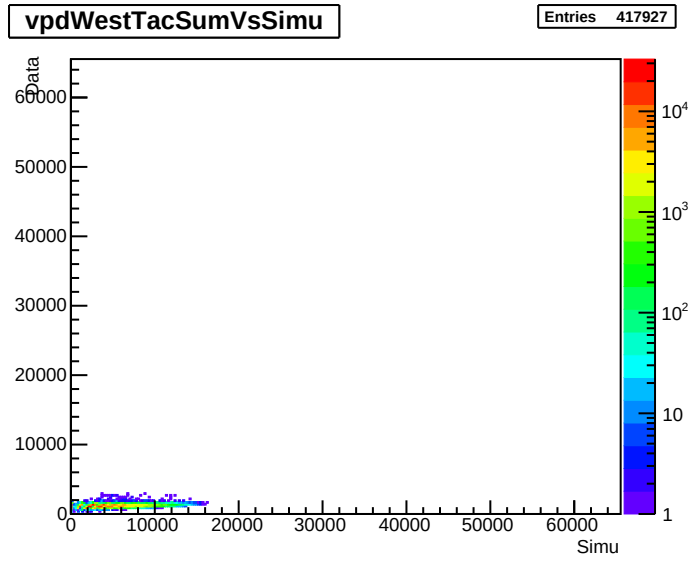

vpdWestAdcSum
Entries 700002

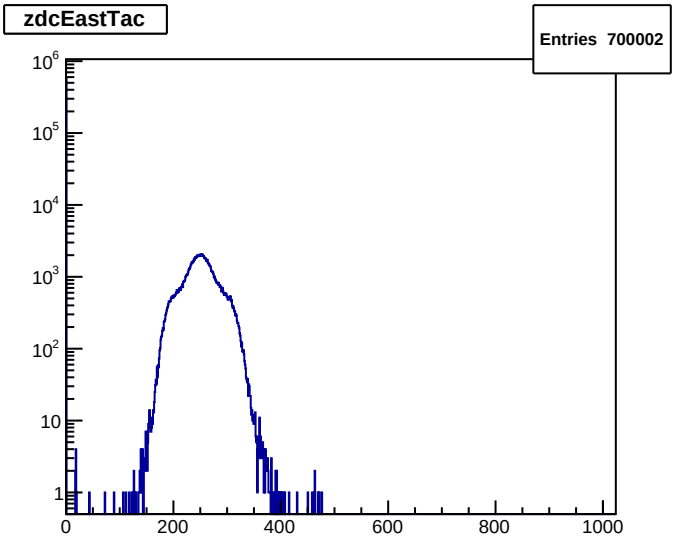

vpdWestAdcSumVsSimu
Entries 295803
Data
Simu

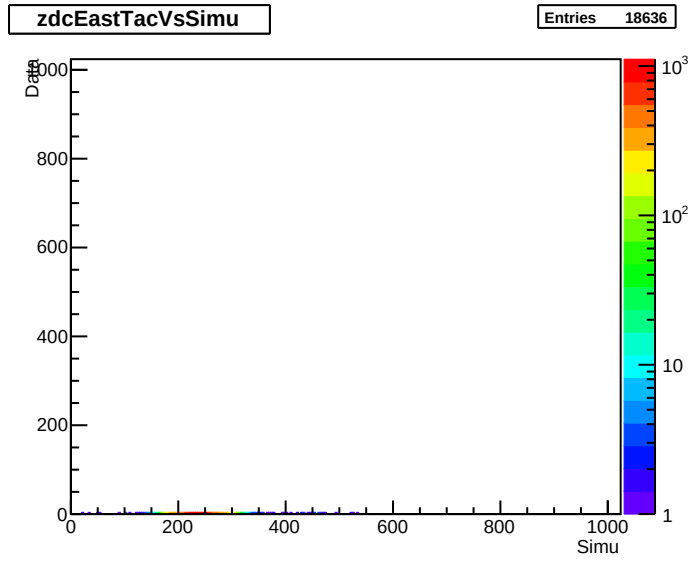

vpdWestNHits
Entries 700002

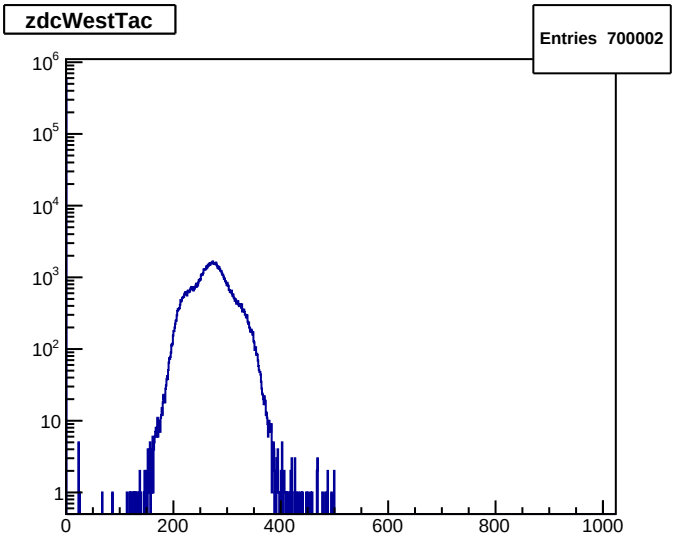

vpdWestNHitsVsSimu
Entries 495949

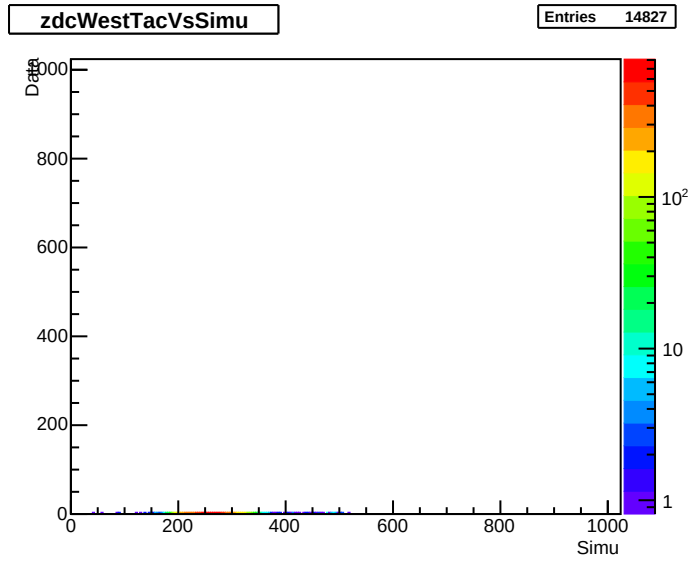

vpdWestTacSum
Entries 700002

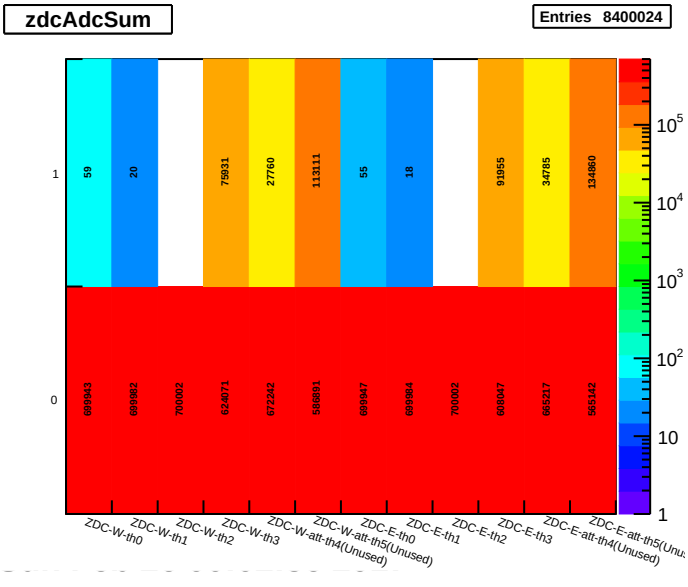

vpdWestTacSumVsSimu
Entries 417927
Data
Simu

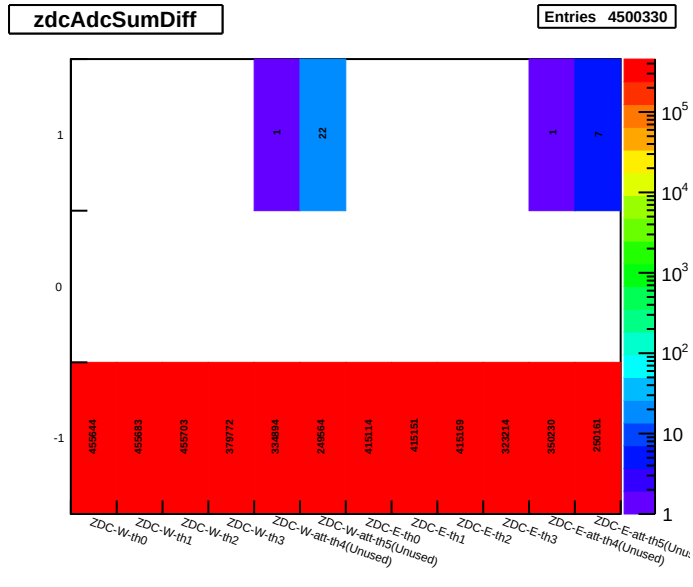

zdcEastTac
Entries 700002

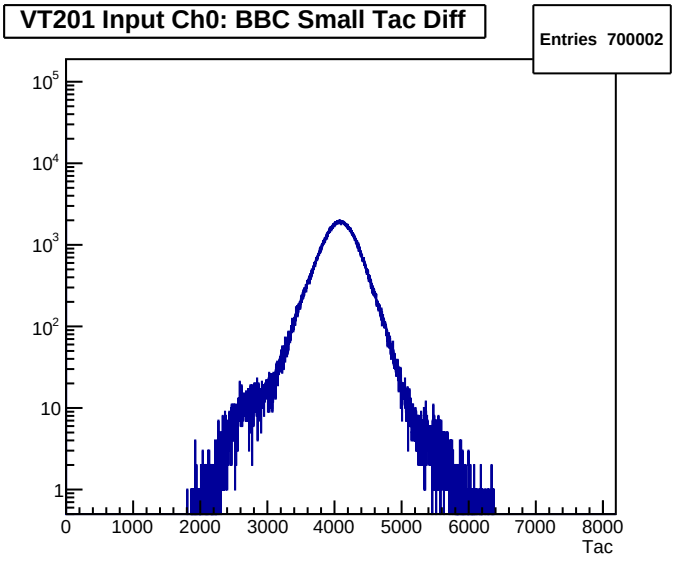

zdcEastTacVsSimu
Entries 18636
Data
Simu

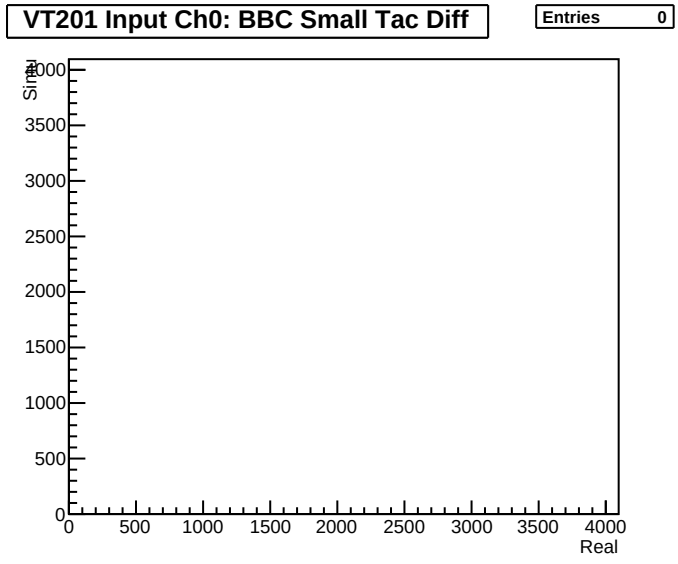

zdcWestTac
Entries 700002

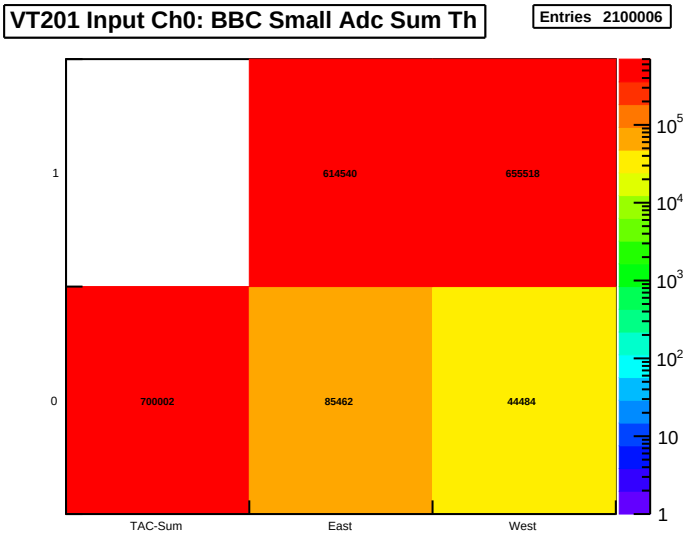

zdcWestTacVsSimu
Entries 14827
Data
Simu

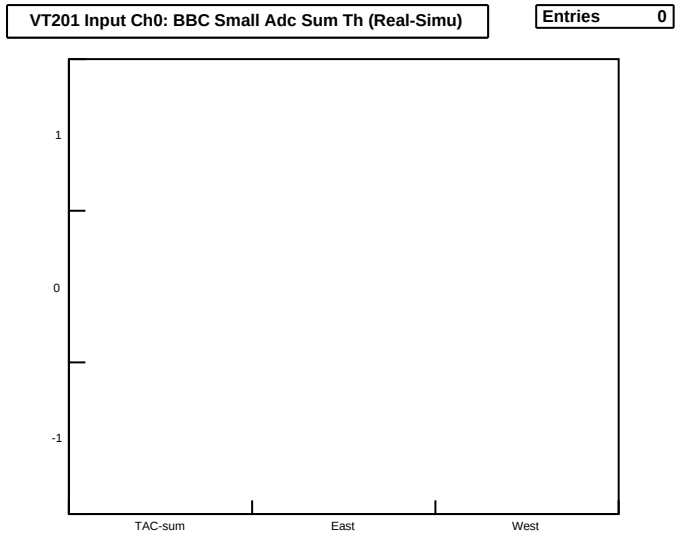

zdcAdcSum
Entries 8400024
59
20
75931
27760
113111
55
18
91955
34785
134860
699943
699982
700002
624071
672242
586891
699947
699984
700002
608047
665217
565142
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

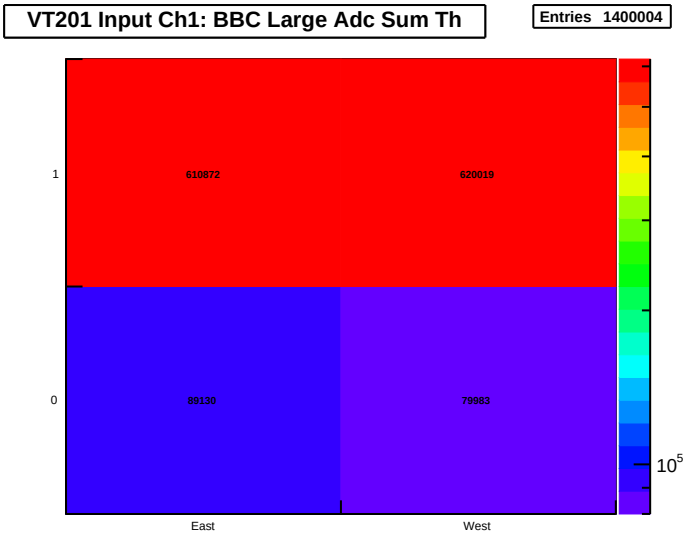

zdcAdcSumDiff
Entries 4500330
1
22
1
7
456444
455683
455703
379772
334894
249564
415114
415151
415169
323214
350230
290161
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

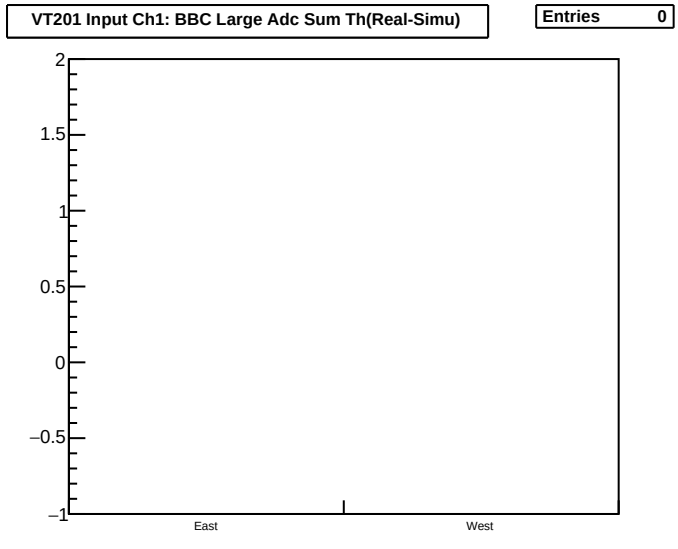

VT201 Input Ch0: BBC Small Tac Diff
Entries 700002
Tac


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

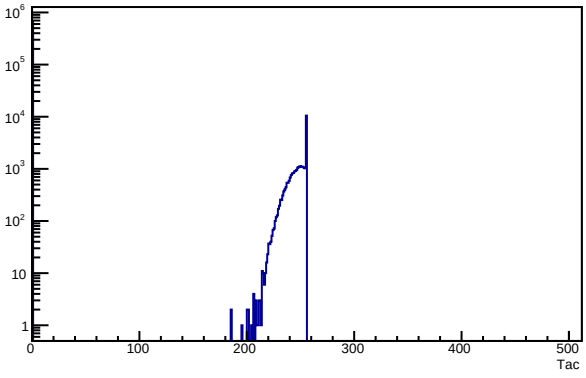

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2100006
614540
655518
700002
85462
44484
TAC-Sum
East
West


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

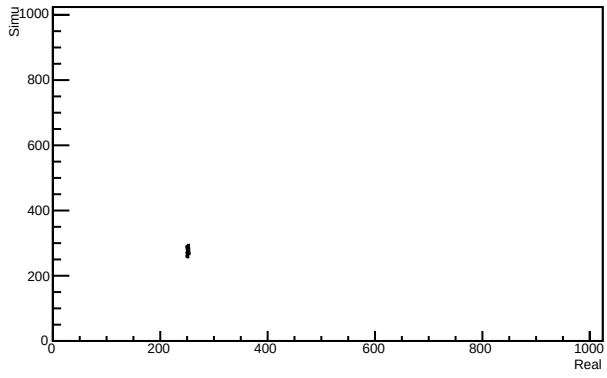

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1400004
610872
620019
89130
79983
East
West


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

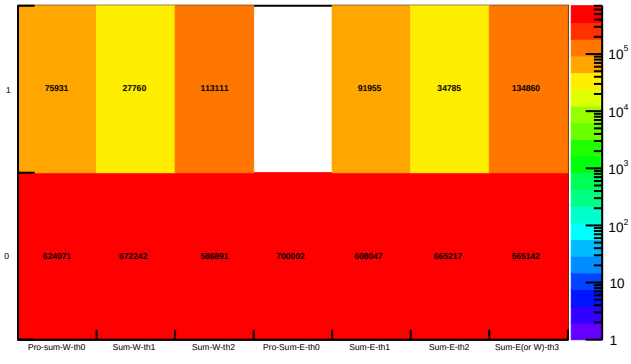
VT201 Input Ch2: ZDC Tac Diff



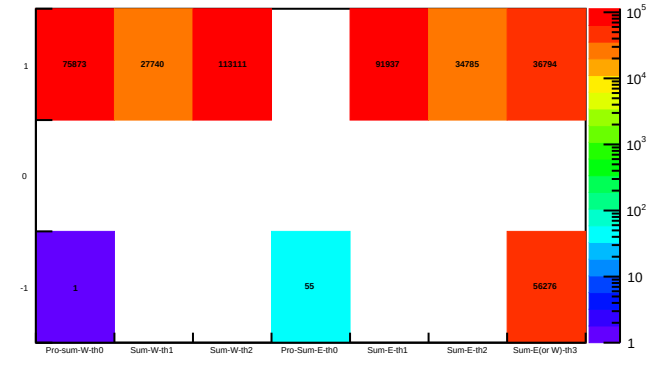
VT201 Input Ch2: ZDC Tac Diff



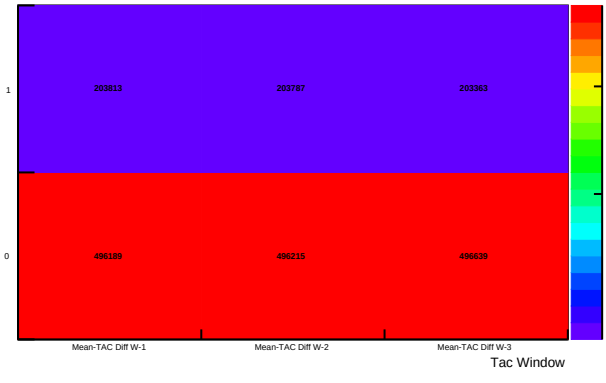
VT201 Input Ch2: ZDC Adc Sum Th



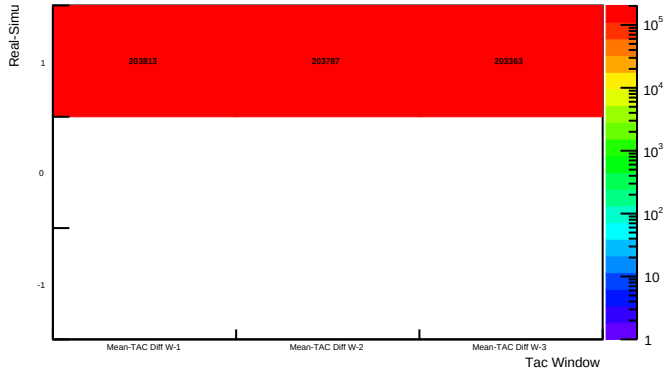
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



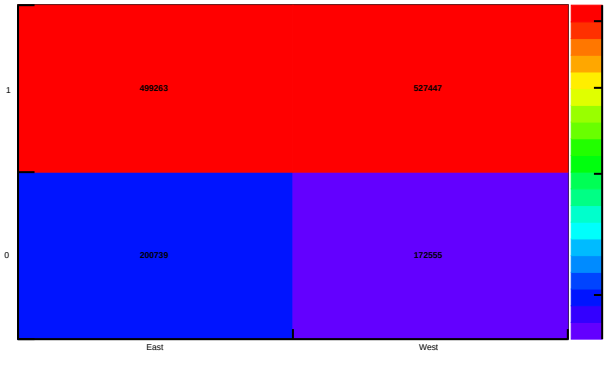
VT201 Input Ch4: VPD Tac Diff



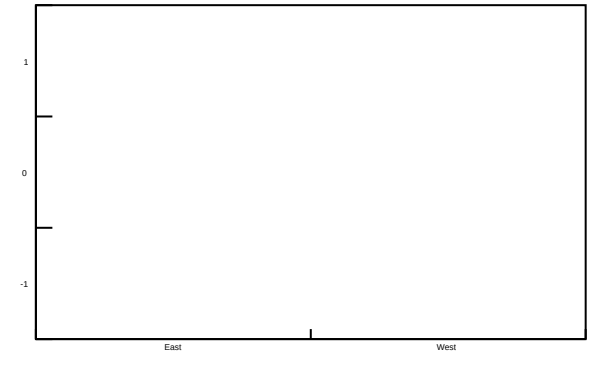
VT201 Input Ch4: VPD Tac Diff

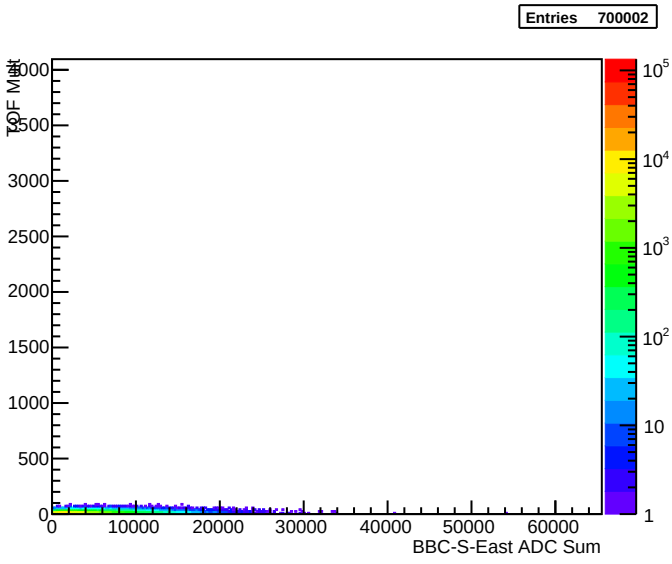


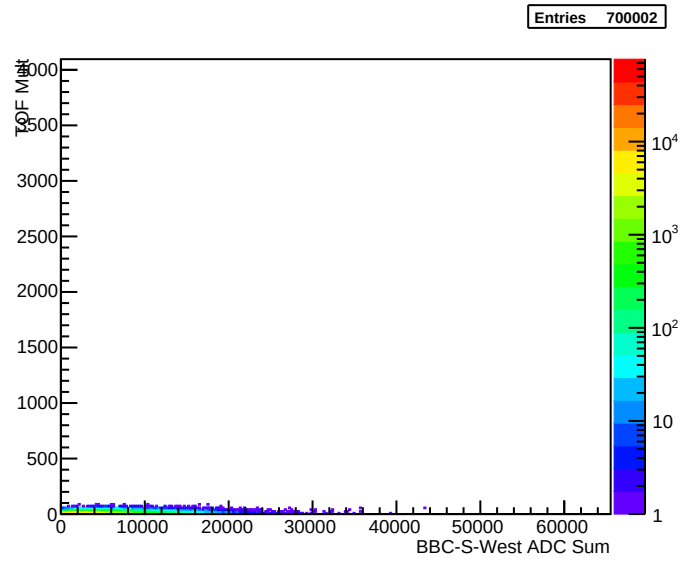
VT201 Input Ch4: VPD Adc Sum Th

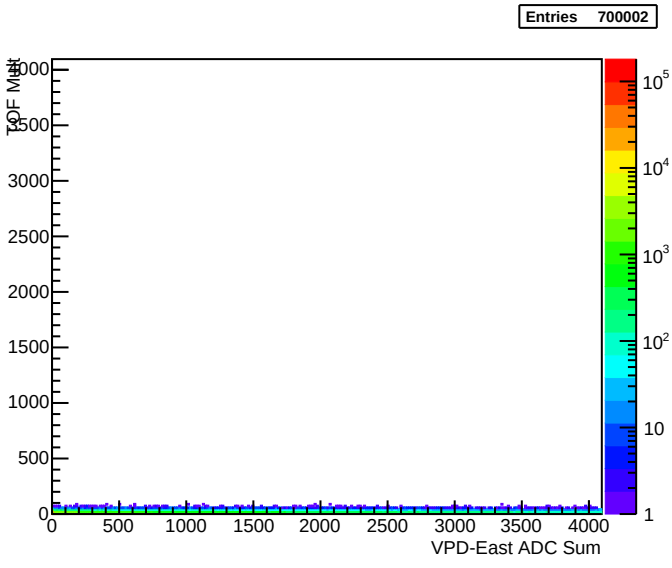


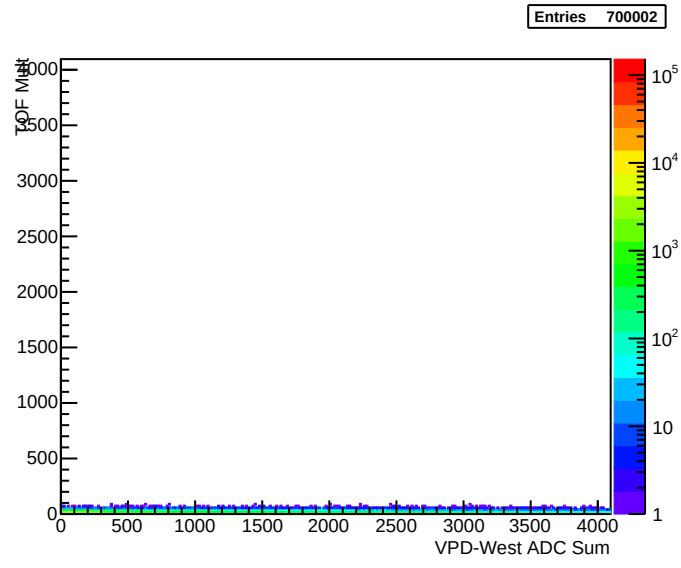
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

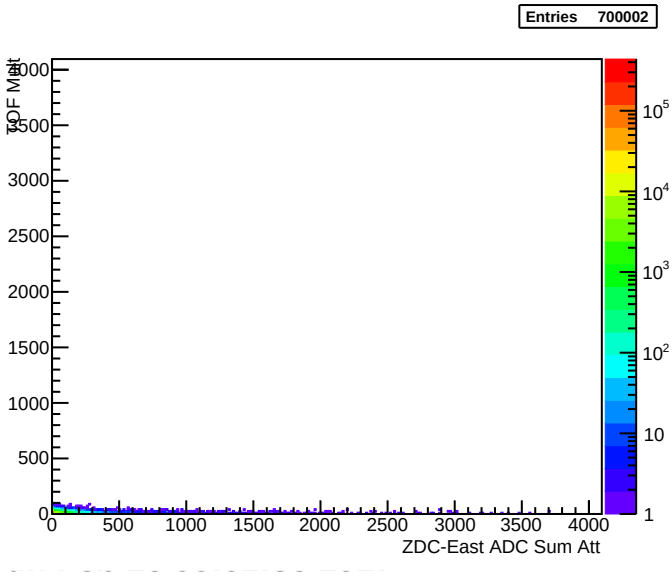


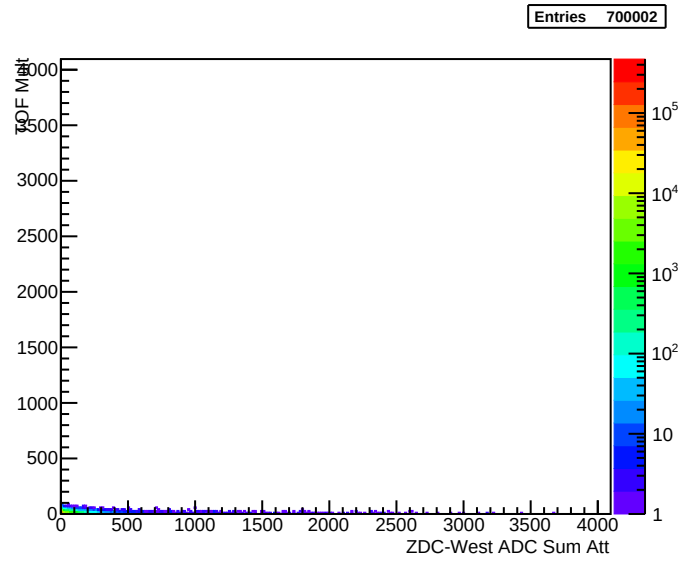

Entries 700002
TOF Mult
BBC-S-East ADC Sum

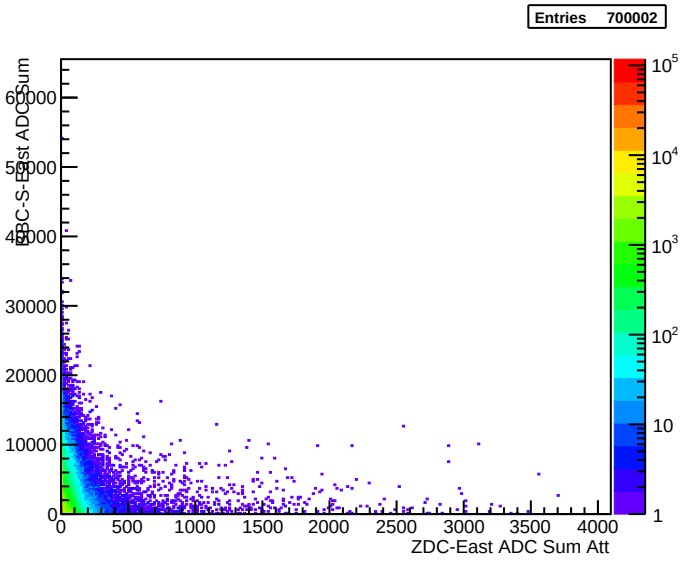

Entries 700002
TOF Mult
BBC-S-West ADC Sum

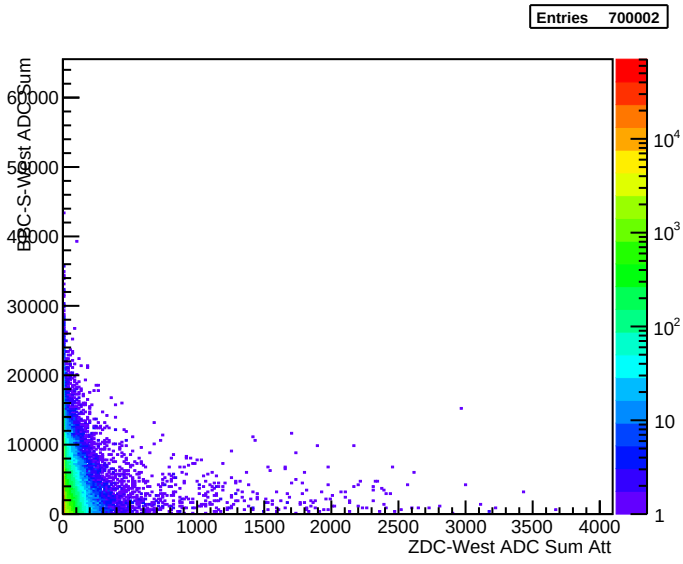

Entries 700002
TOF Mult
VPD-East ADC Sum

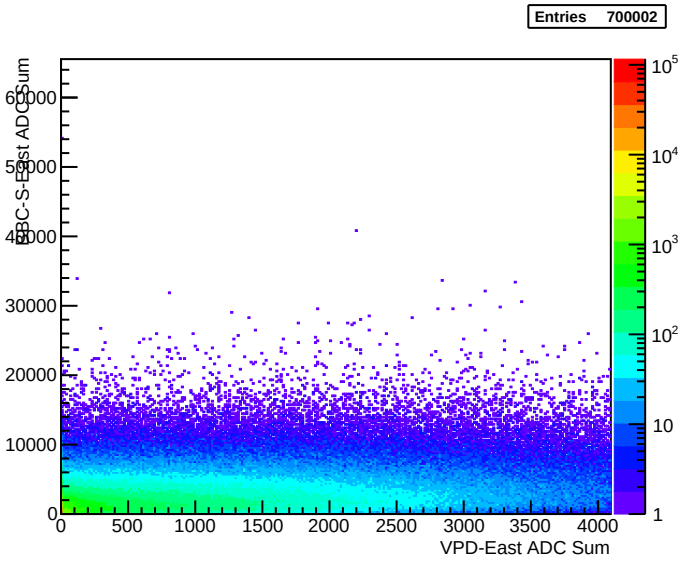

Entries 700002
TOF Mult
VPD-West ADC Sum

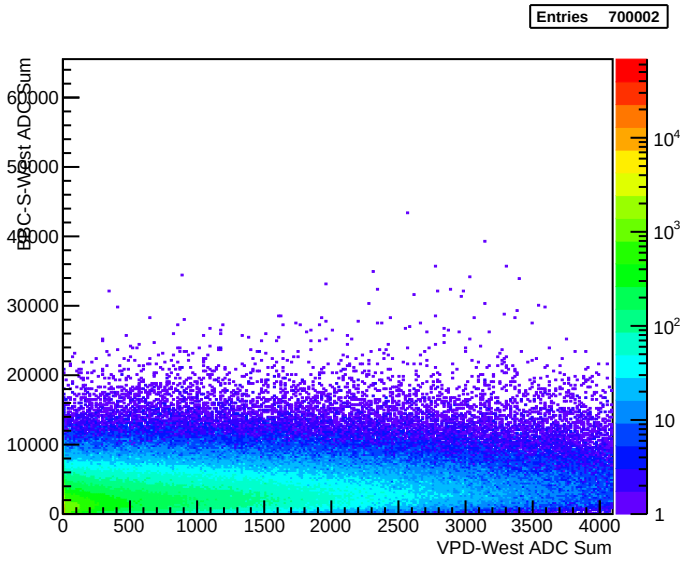

Entries 700002
TOF Mult
ZDC-East ADC Sum Att

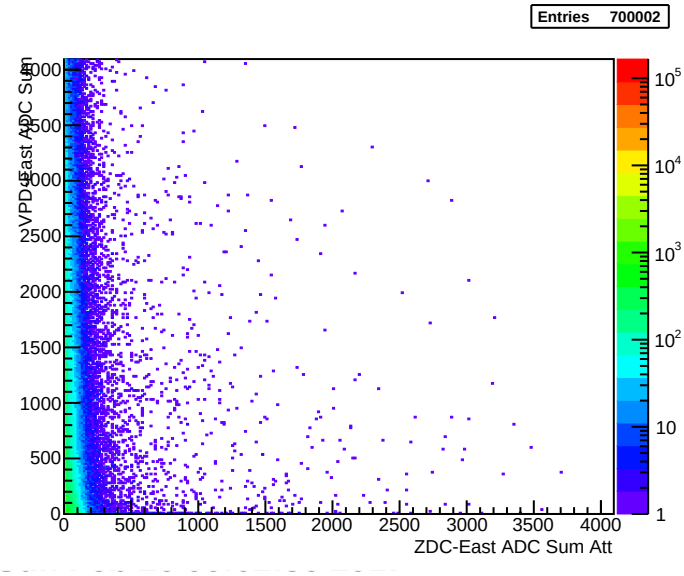

Entries 700002
TOF Mult
ZDC-West ADC Sum Att

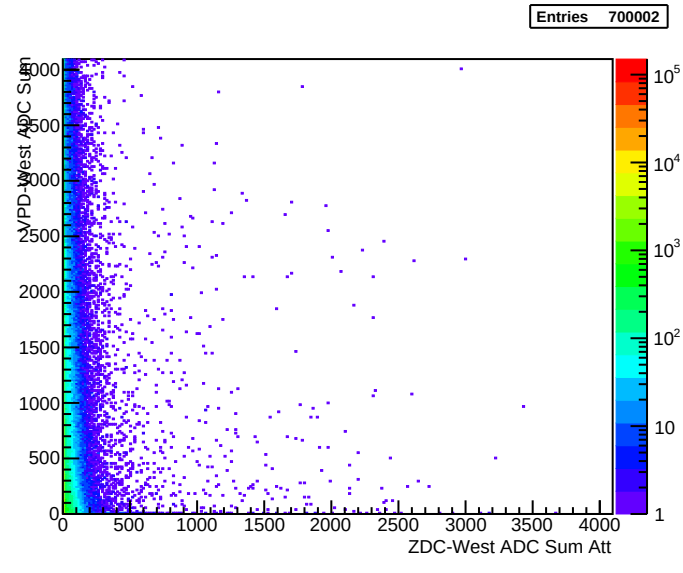

Entries 700002
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

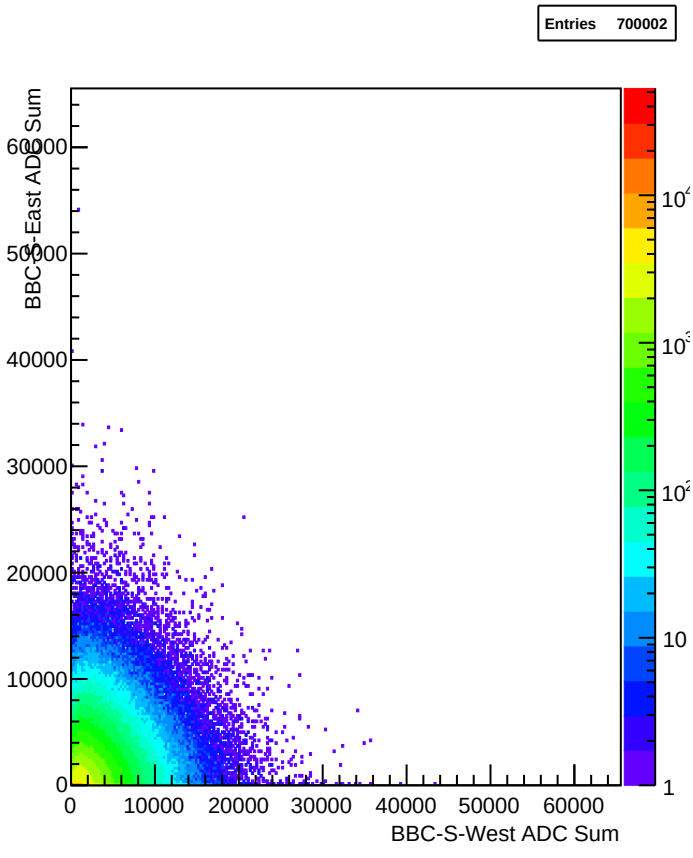

Entries 700002
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

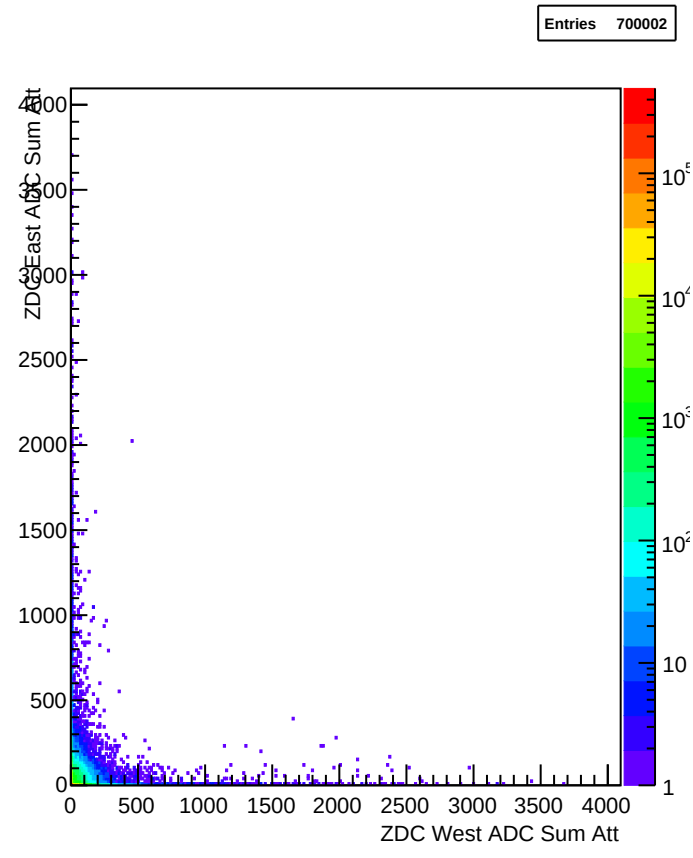

Entries 700002
BBC-S-East ADC Sum
VPD-East ADC Sum

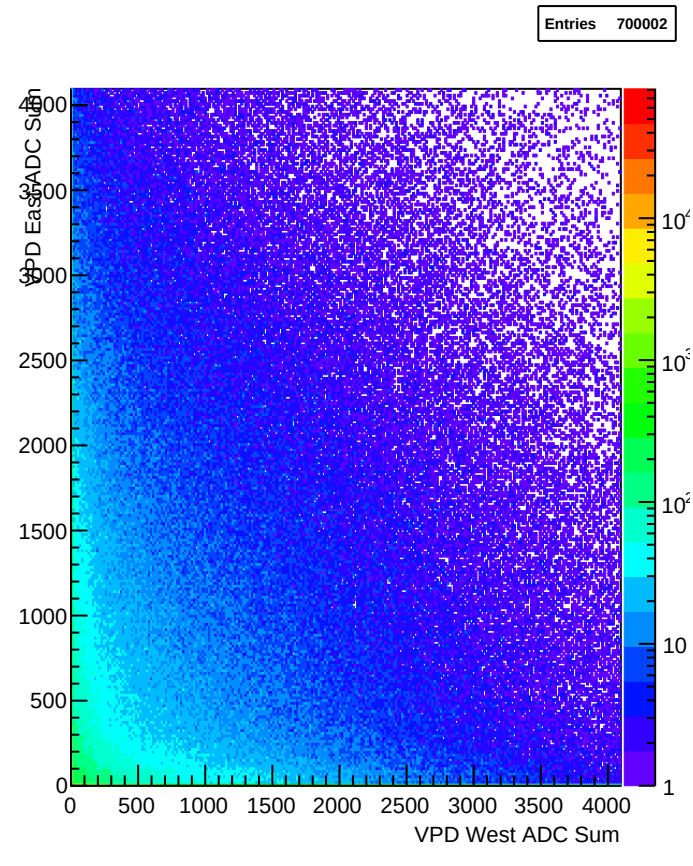

Entries 700002
BBC-S-West ADC Sum
VPD-West ADC Sum

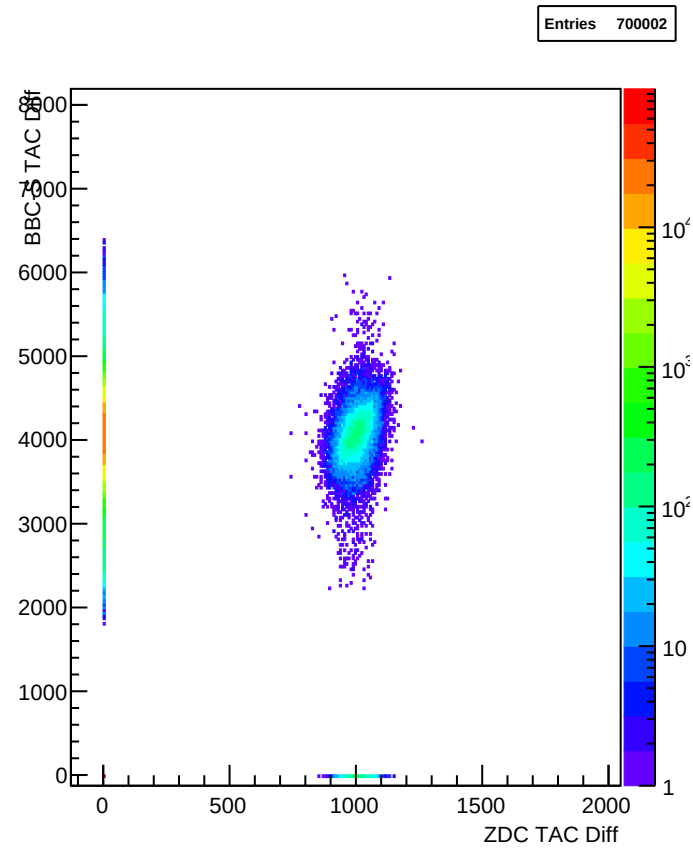

Entries 700002
VPD-East ADC Sum
ZDC-East ADC Sum Att

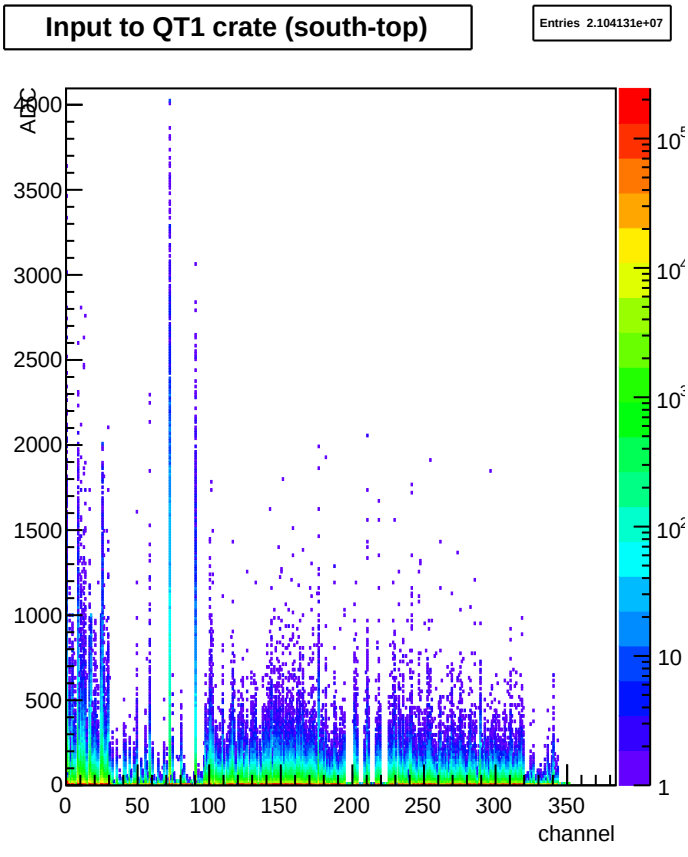

Entries 700002
VPD-West ADC Sum
ZDC-West ADC Sum Att

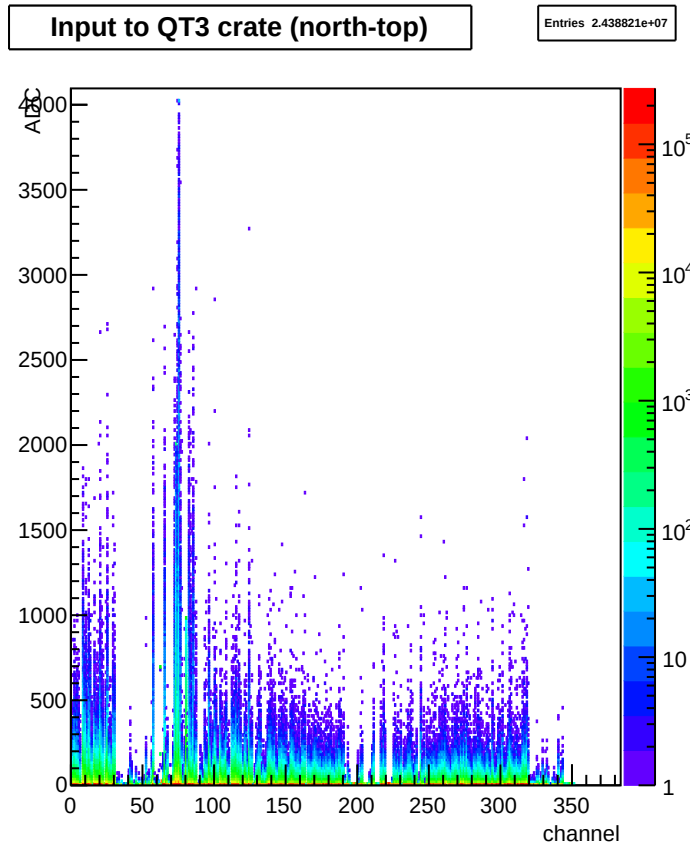

Entries 700002
BBC-S-East ADC Sum
BBC-S-West ADC Sum

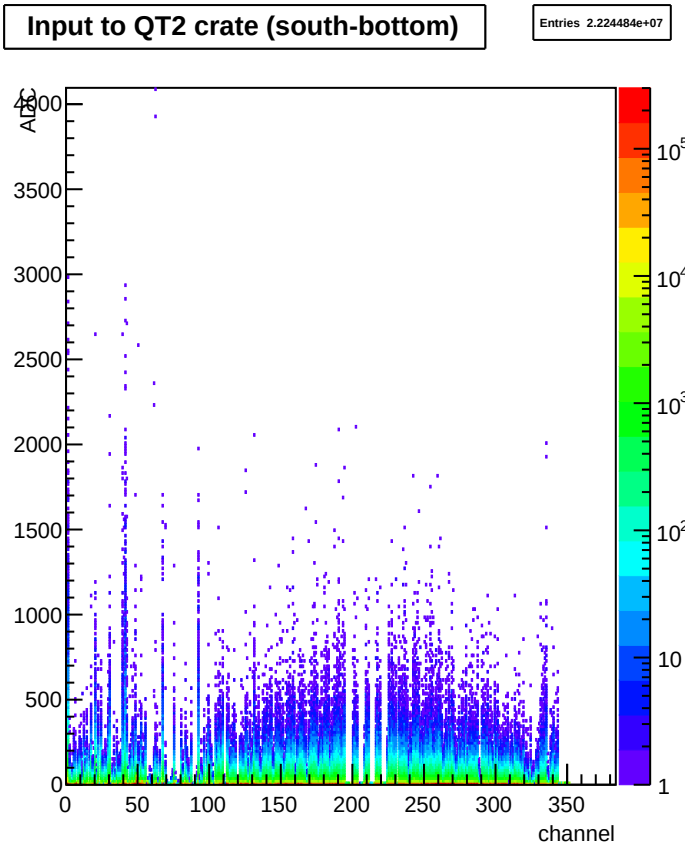

Entries 700002
ZDC East ADC Sum Att
ZDC West ADC Sum Att

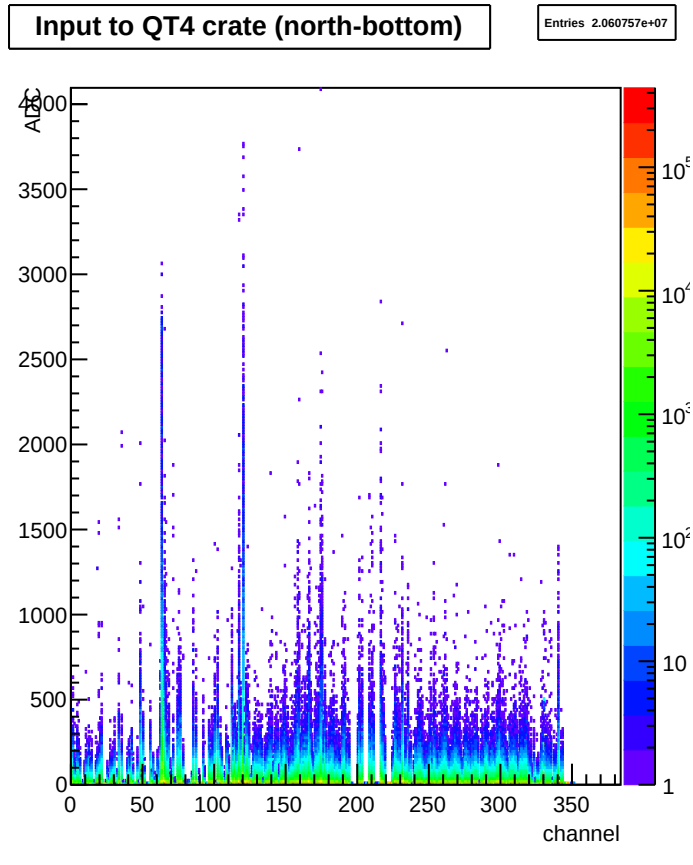

Entries 700002
VPD East ADC Sum
VPD West ADC Sum

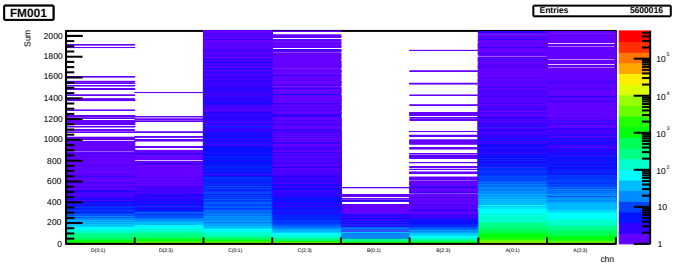

Entries 700002
BBC-S TAC Diff
ZDC TAC Diff

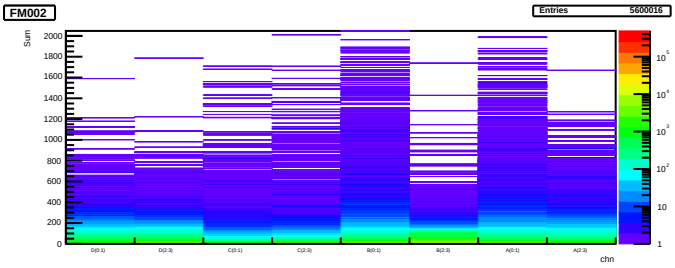

Input to QT1 crate (south-top)
Entries 2.104131e+07
ADC
channel

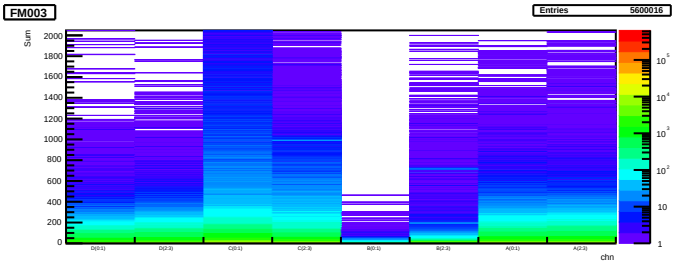

Input to QT3 crate (north-top)
Entries 2.438821e+07
ADC
channel

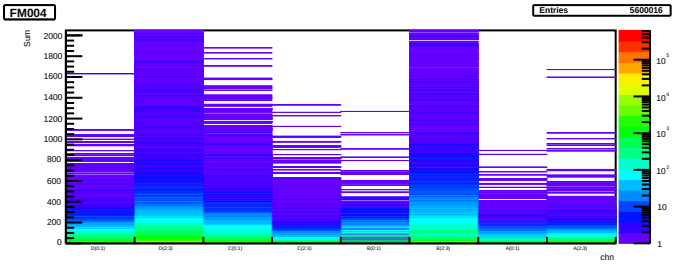

Input to QT2 crate (south-bottom)
Entries 2.224484e+07
ADC
channel

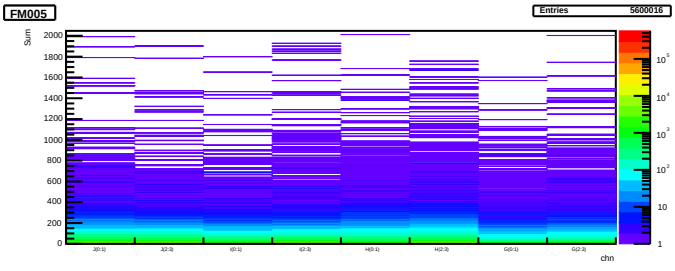

Input to QT4 crate (north-bottom)
Entries 2.060757e+07
ADC
channel

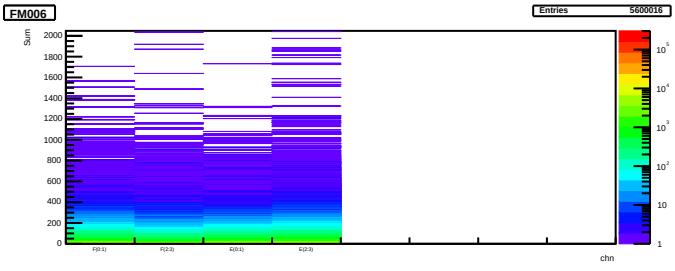

FM001
Entries 5600016
Sum
chn

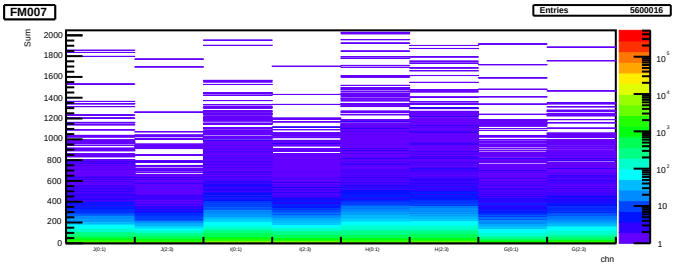

FM002
Entries 5600016
Sum
chn

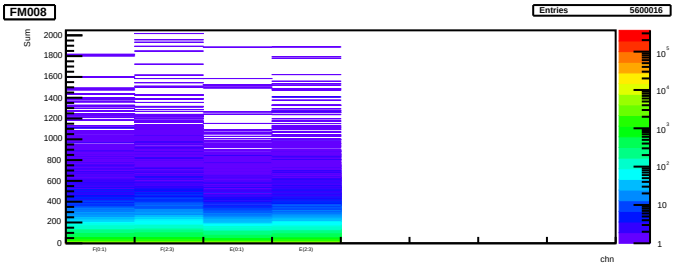

FM003
Entries 5600016
Sum
chn

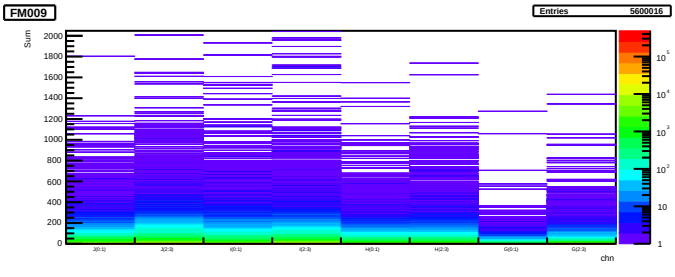

FM004
Entries 5600016
Sum
chn

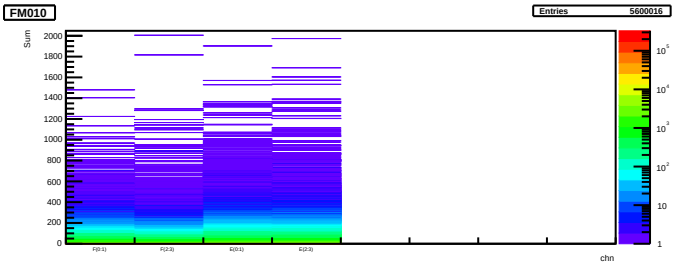

FM005
Entries 5600016
Sum
chn

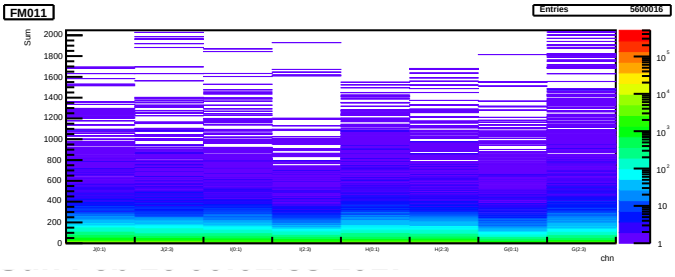

FM006
Entries 5600016
Sum
chn

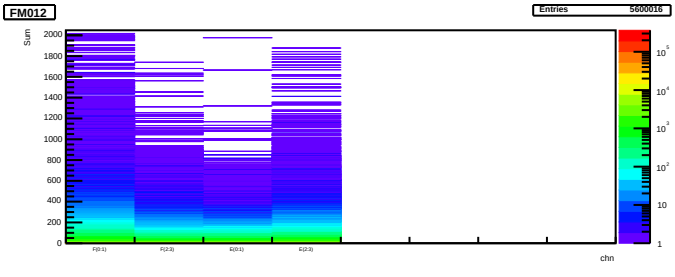

FM007
Entries 5600016
Sum
chn


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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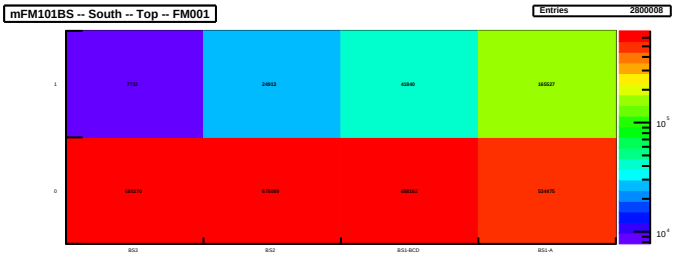
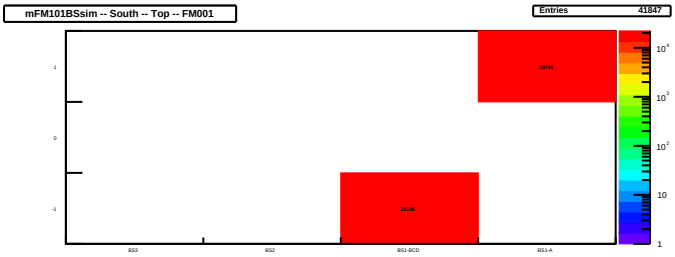
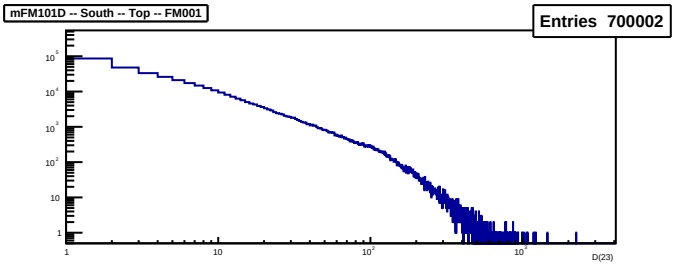
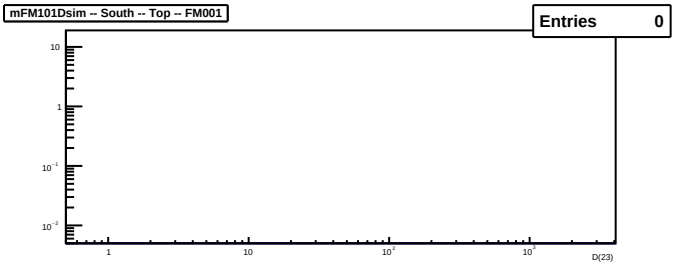
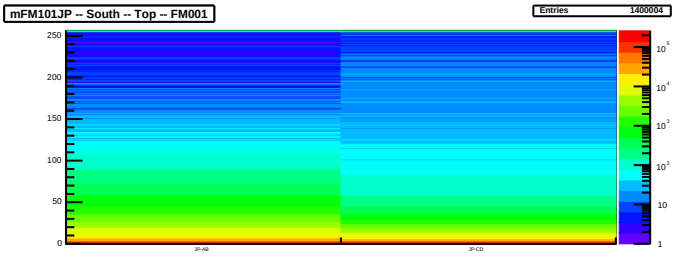

mFM101BS -- South -- Top -- FM001
Entries 2800008
7732
24913
410440
165527
692270
675689
658162
534475
BS3
BS2
BS1-BCD
BS1-A

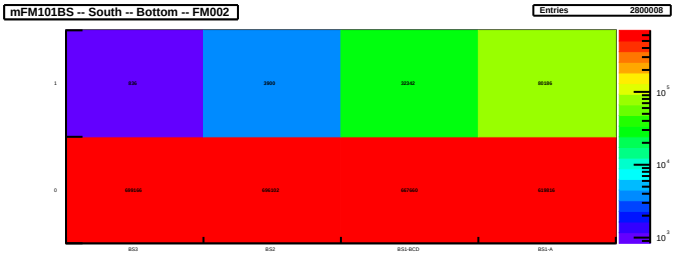

mFM101BSsim -- South -- Top -- FM001
Entries 41847
19746
22106
BS3
BS2
BS1-BCD
BS1-A

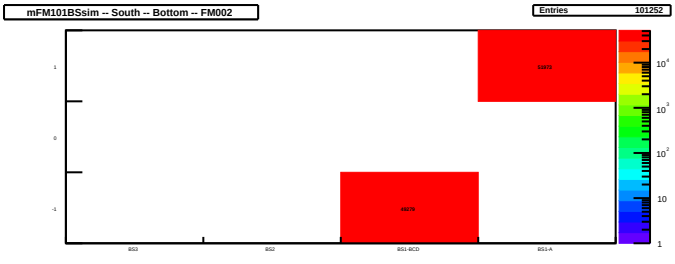

mFM101D -- South -- Top -- FM001
Entries 700002
D(23)

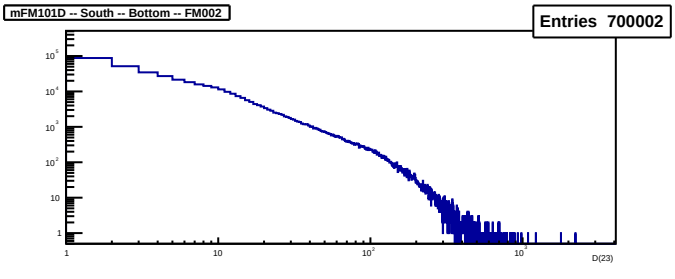

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

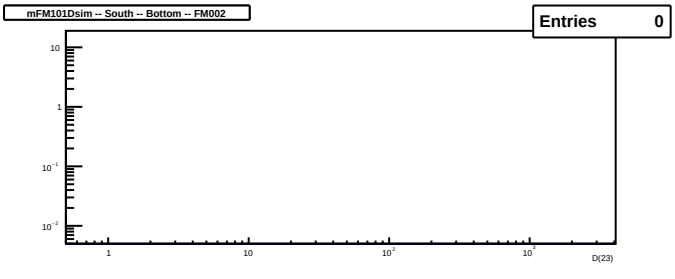

mFM101JP -- South -- Top -- FM001
Entries 1400004
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 2800008
936
3960
32342
85186
699166
696192
667660
618816
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Bottom -- FM002
Entries 101252
53972
48279
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 700002
D(23)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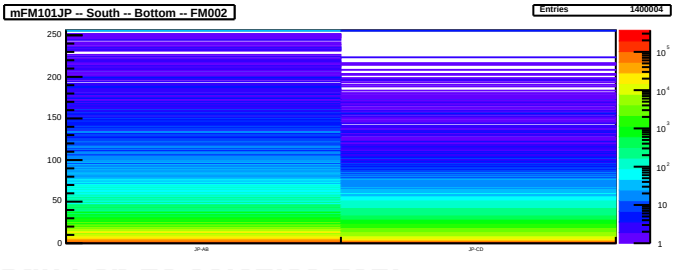
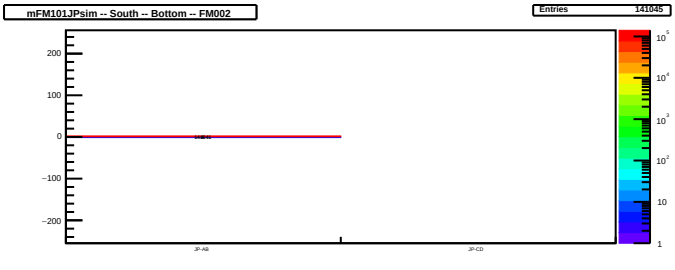
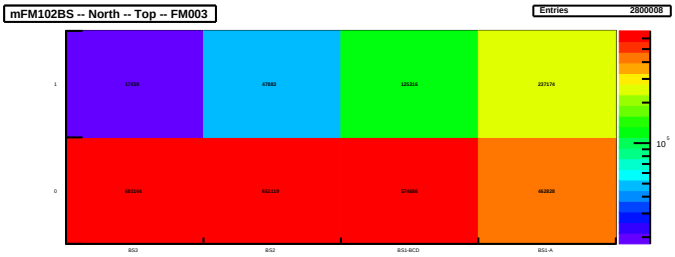
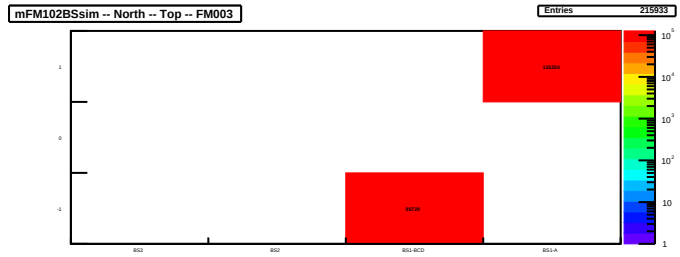
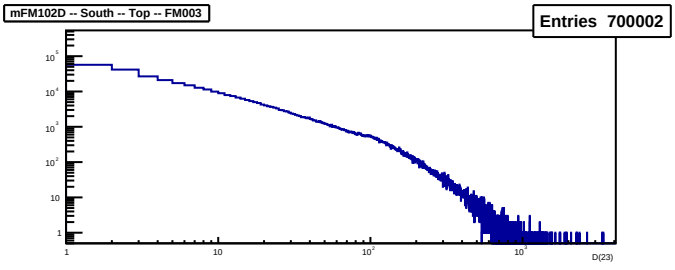
Entries 0
D(23)

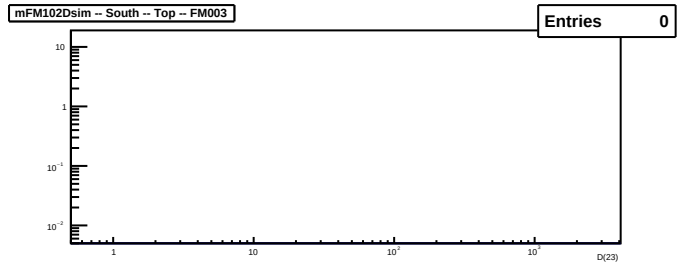

mFM101JP -- South -- Bottom -- FM002
Entries 1400004
JP-AB
JP-CD

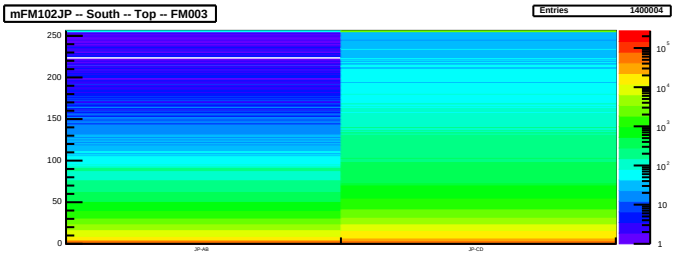

mFM101JPsim -- South -- Bottom -- FM002
Entries 141045
JP-AB
JP-CD

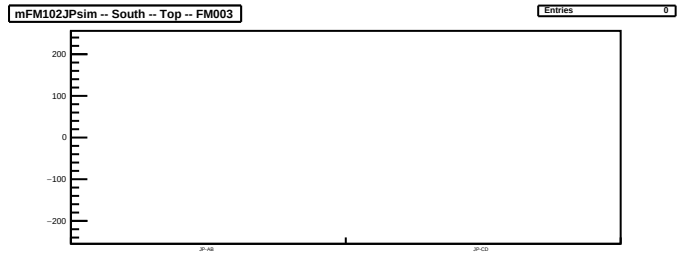

mFM102BS -- North -- Top -- FM003
Entries 2800008
BS3
BS2
BS1-BCD
BS1-A

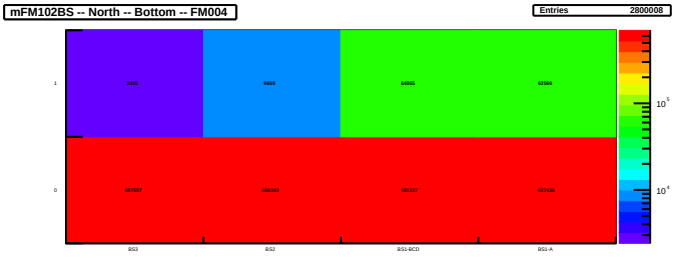

mFM102BSsim -- North -- Top -- FM003
Entries 215933
BS3
BS2
BS1-BCD
BS1-A

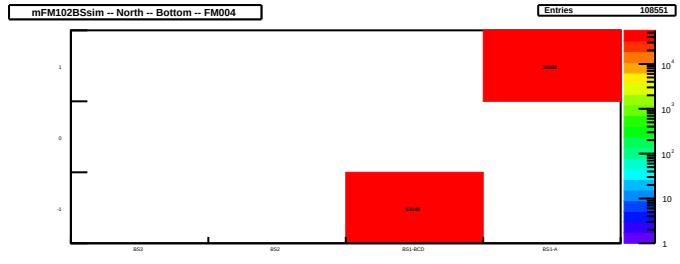

mFM102D -- South -- Top -- FM003
Entries 700002
D(23)

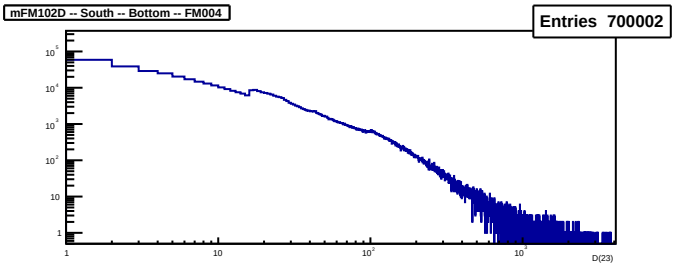

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

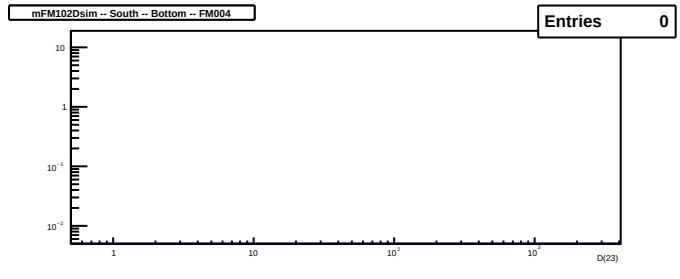

mFM102JP -- South -- Top -- FM003
Entries 1400004
JP-AB
JP-CD

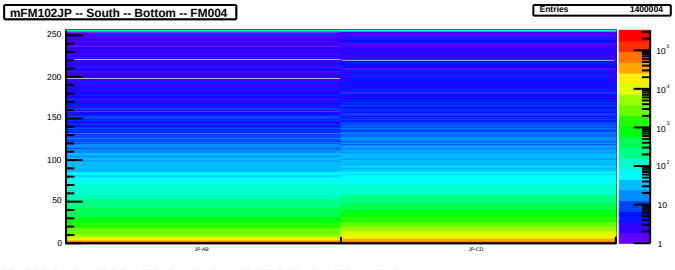

mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD

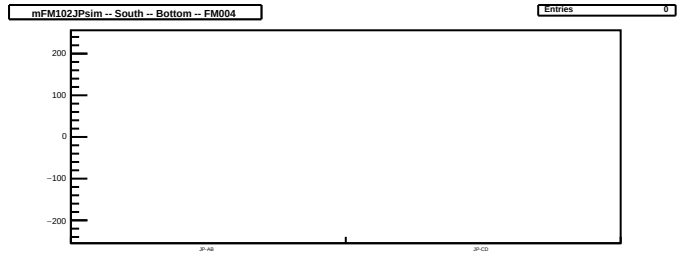

mFM102BS -- North -- Bottom -- FM004
Entries 2800008
BS3
BS2
BS1-BCD
BS1-A

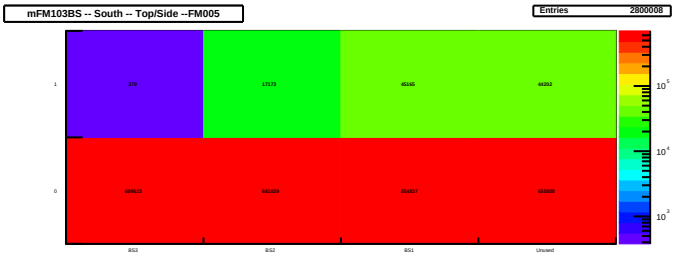

mFM102BSsim -- North -- Bottom -- FM004
Entries 108551
BS3
BS2
BS1-BCD
BS1-A

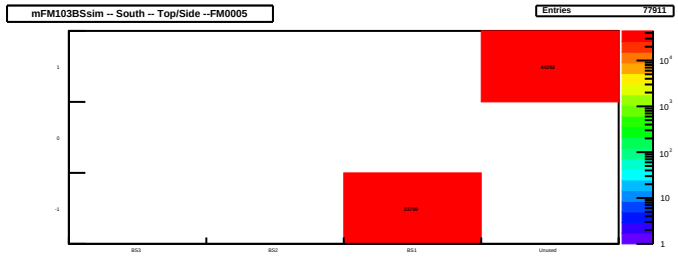

mFM102D -- South -- Bottom -- FM004
Entries 700002
D(23)

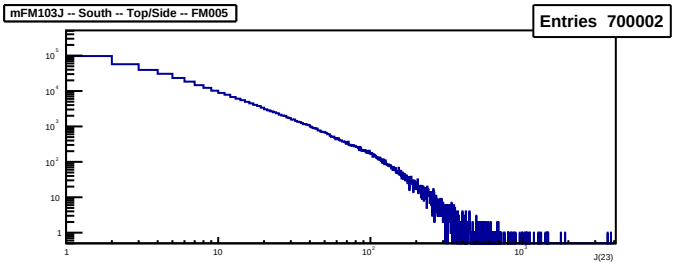

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

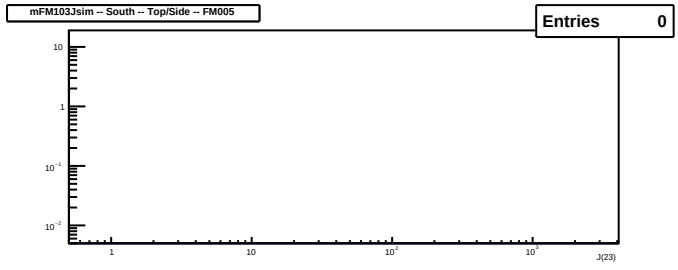

mFM102JP -- South -- Bottom -- FM004
Entries 1400004
JP-AB
JP-CD

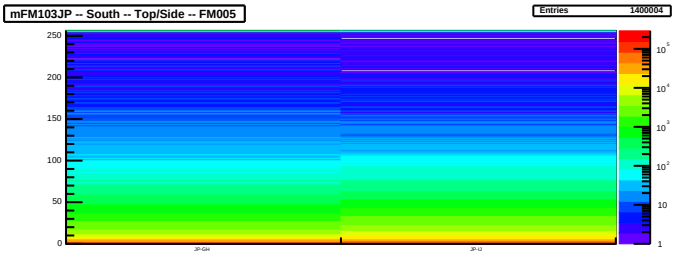

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

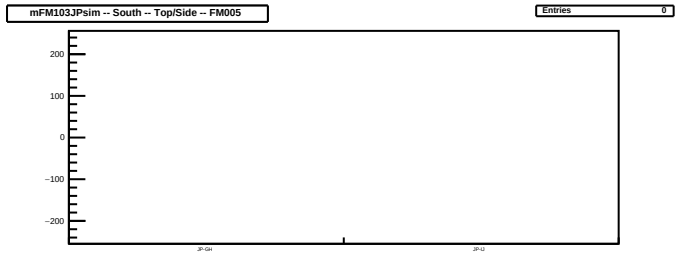

mFM103BS -- South -- Top/Side --FM005
Entries 2800008
270
17173
45145
44202
699623
702829
654837
655890
BS3
BS2
BS1
Unused

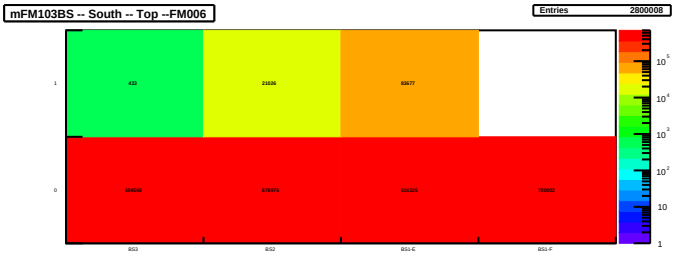

mFM103BSsim -- South -- Top/Side --FM0005
Entries 77911
44202
33709
BS3
BS2
BS1
Unused

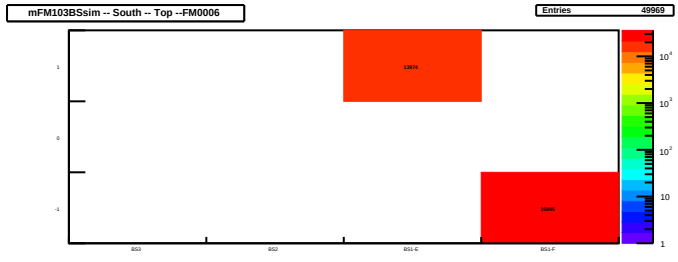

mFM103J -- South -- Top/Side -- FM005
Entries 700002
J(23)

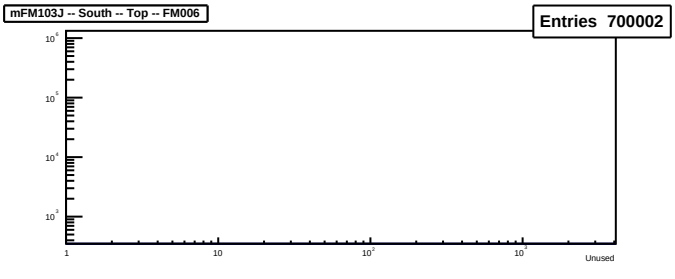

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

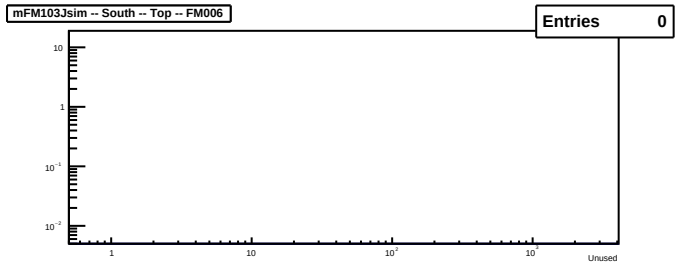

mFM103JP -- South -- Top/Side -- FM005
Entries 1400004
JP-GH
JP-IJ

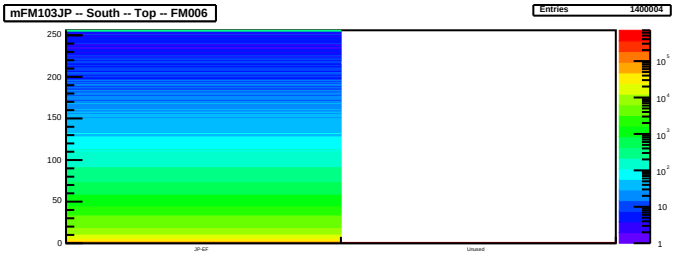

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ

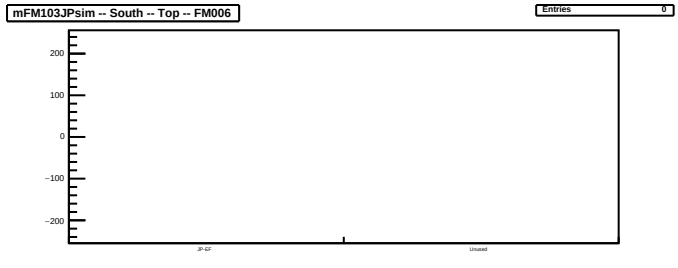

mFM103BS -- South -- Top --FM006
Entries 2800008
435
21026
83677
699569
678974
633325
700002
BS3
BS2
BS1-E
BS1-F

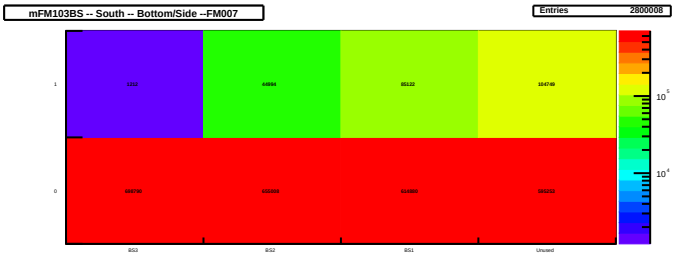

mFM103BSsim -- South -- Top --FM0006
Entries 49969
13974
35995
BS3
BS2
BS1-E
BS1-F

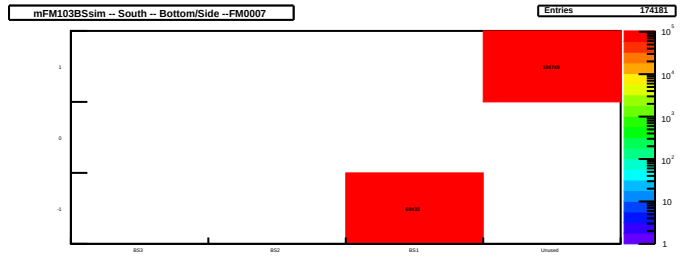

mFM103J -- South -- Top -- FM006
Entries 700002
Unused

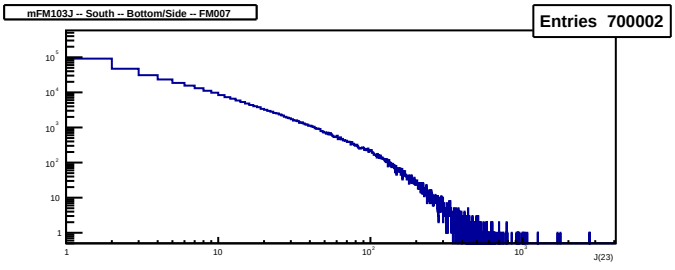

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

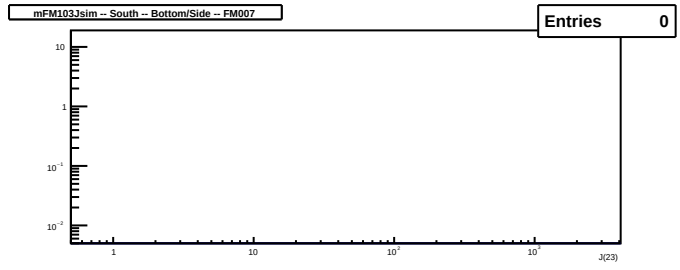

mFM103JP -- South -- Top -- FM006
Entries 1400004
JP-EF
Unused


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


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


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 174181


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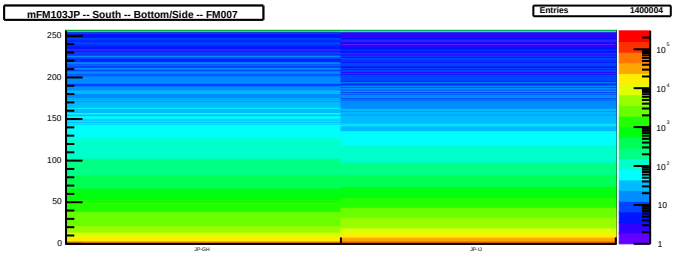
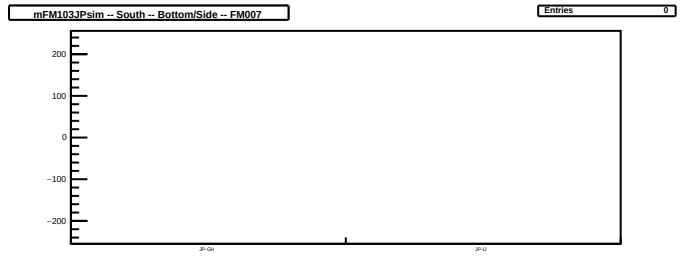
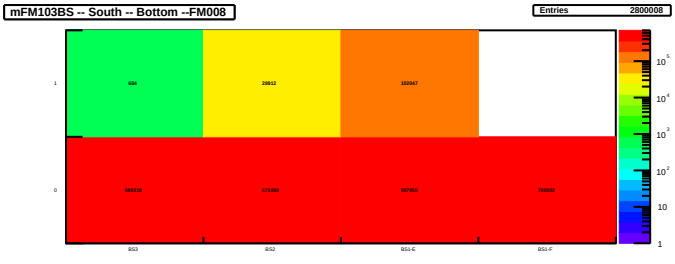
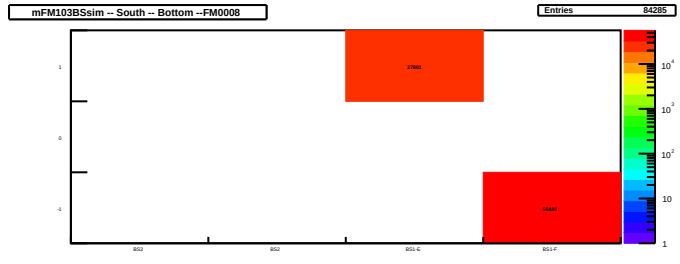
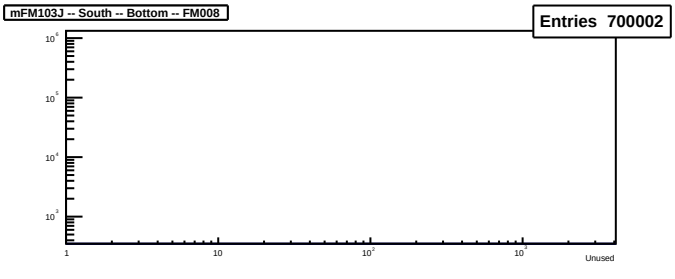
Entries 0
J(23)

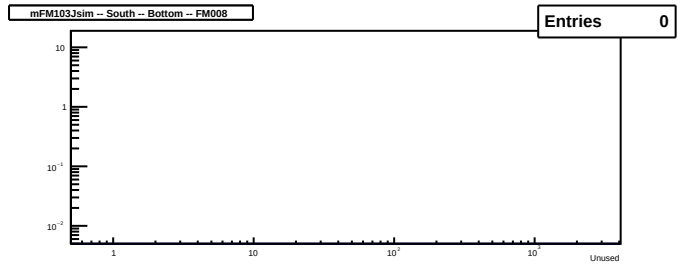

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1400004


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


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


mFM103BSsim -- South -- Bottom --FM0008
Entries 84285


mFM103J -- South -- Bottom -- FM008
Entries 700002
Unused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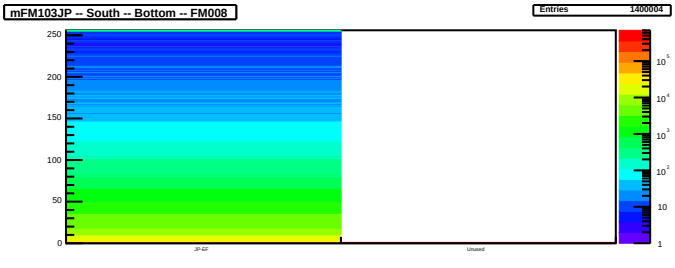
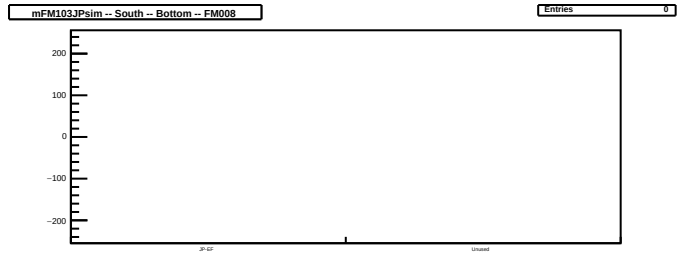
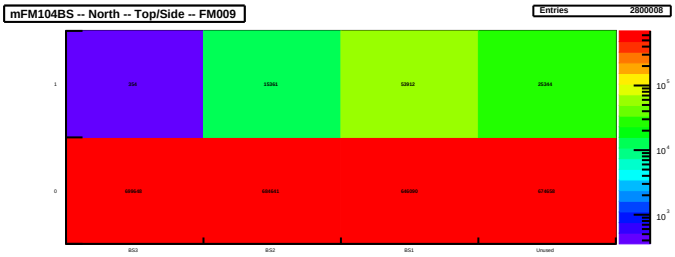
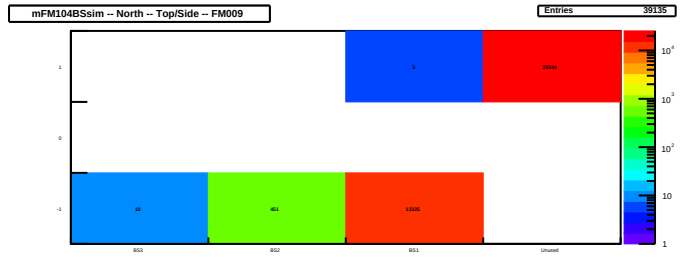
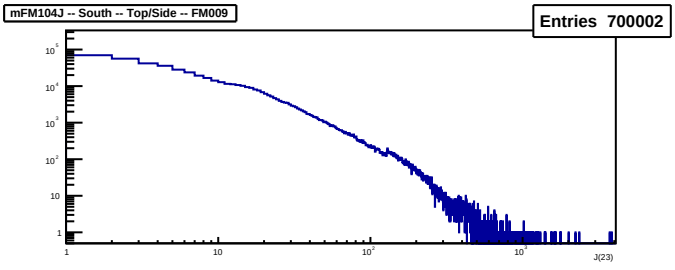
Entries 0
Unused

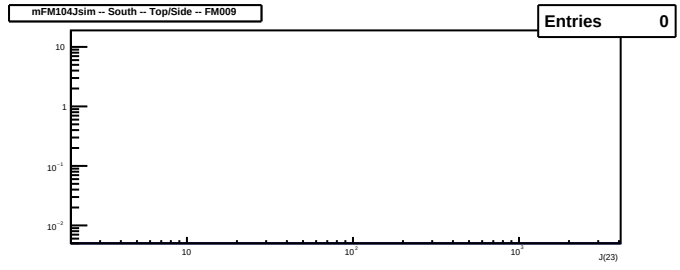

mFM103JP -- South -- Bottom -- FM008
Entries 1400004

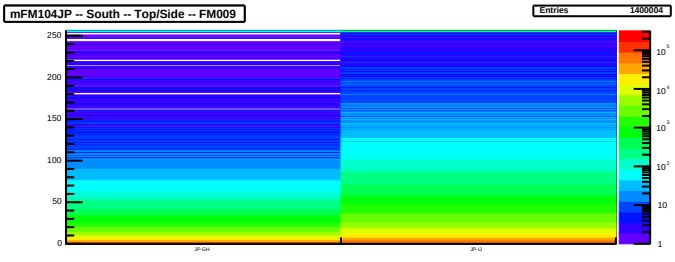

mFM103JPsim -- South -- Bottom -- FM008
Entries 0

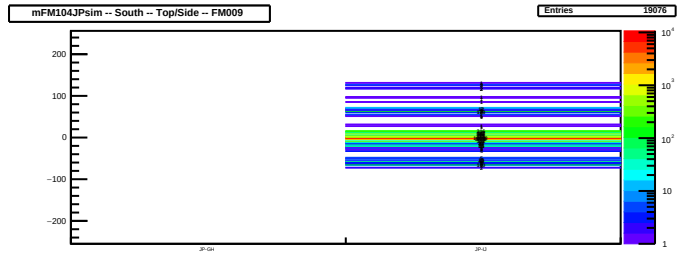

mFM104BS -- North -- Top/Side -- FM009
Entries 2800008

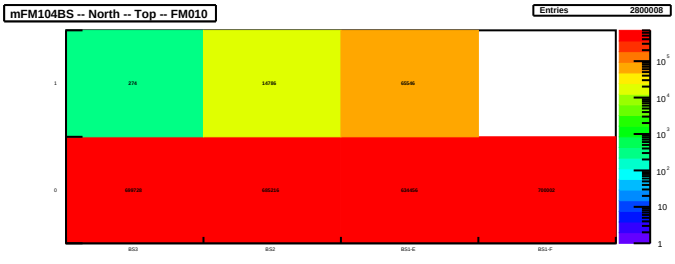

mFM104BSsim -- North -- Top/Side -- FM009
Entries 39135

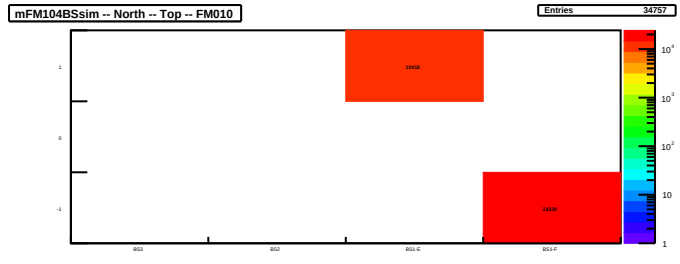

mFM104J -- South -- Top/Side -- FM009
Entries 700002
J(23)

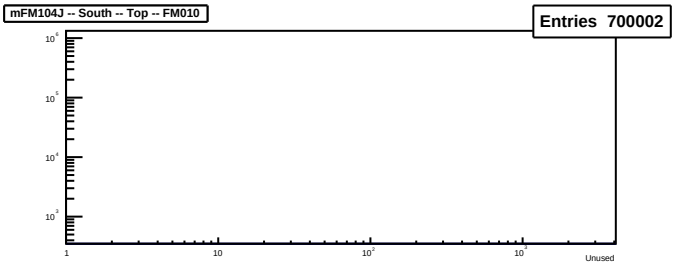

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

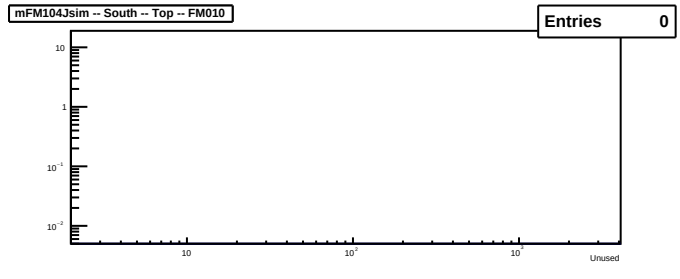

mFM104JP -- South -- Top/Side -- FM009
Entries 1400004

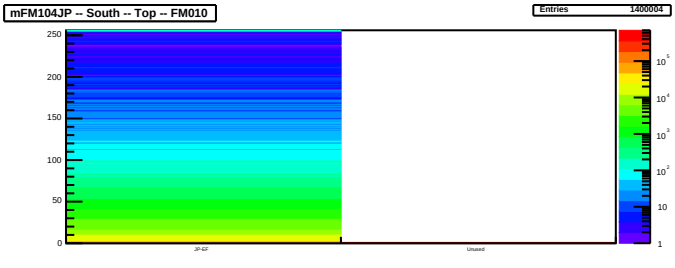

mFM104JPsim -- South -- Top/Side -- FM009
Entries 19076


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

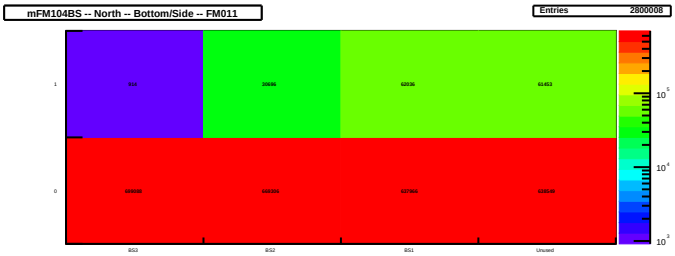

mFM104BSsim -- North -- Top -- FM010
Entries 34757

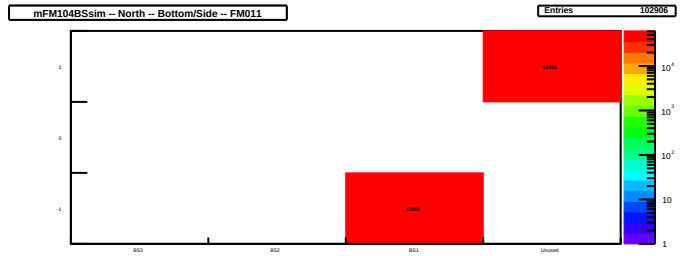

mFM104J -- South -- Top -- FM010
Entries 700002
Unused

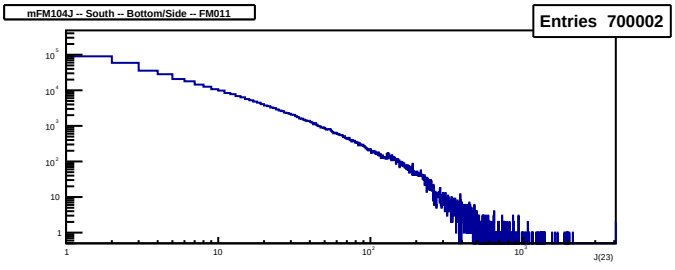

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

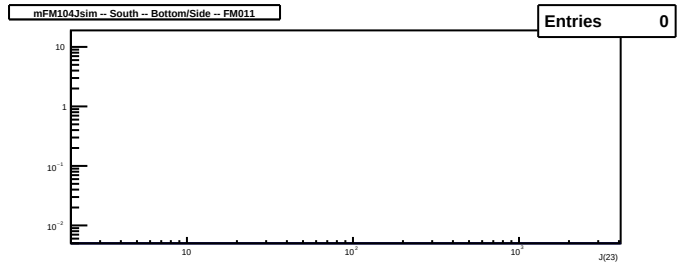

mFM104JP -- South -- Top -- FM010
Entries 1400004

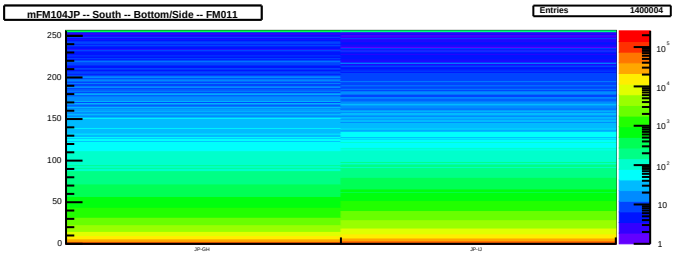
mFM104JPsim -- South -- Top -- FM010
Entries 0

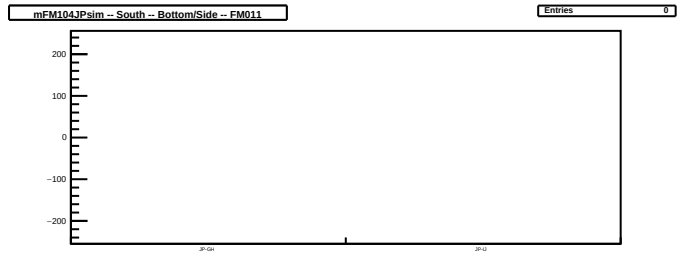

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2800008

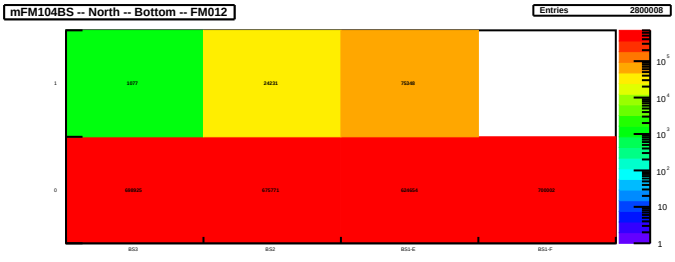

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 102906

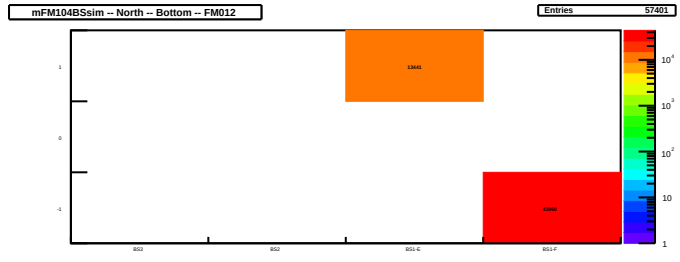

mFM104J -- South -- Bottom/Side -- FM011
Entries 700002
J(23)

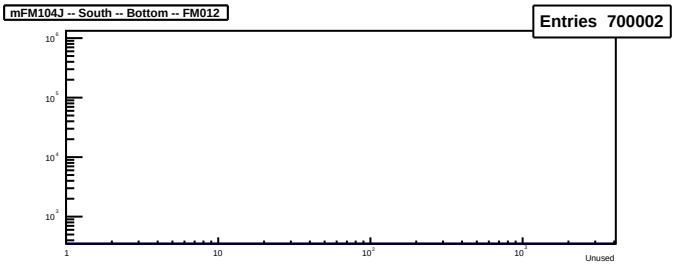

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

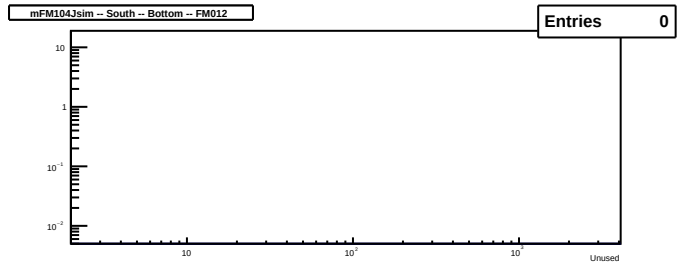

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1400004

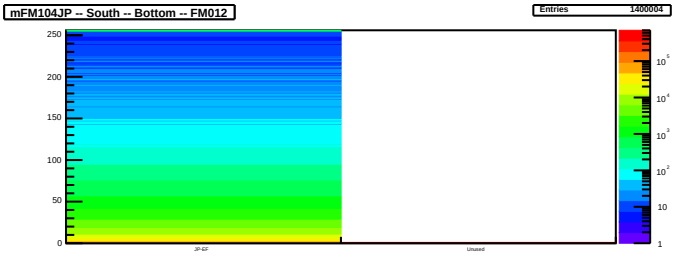

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0

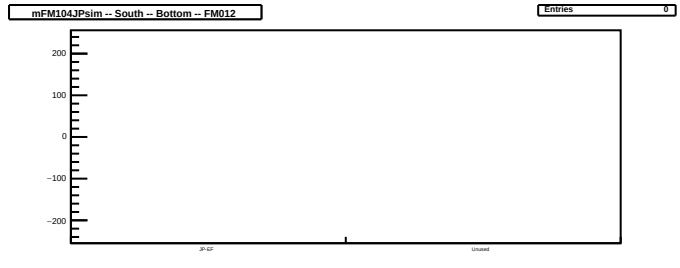

mFM104BS -- North -- Bottom -- FM012
Entries 2800008

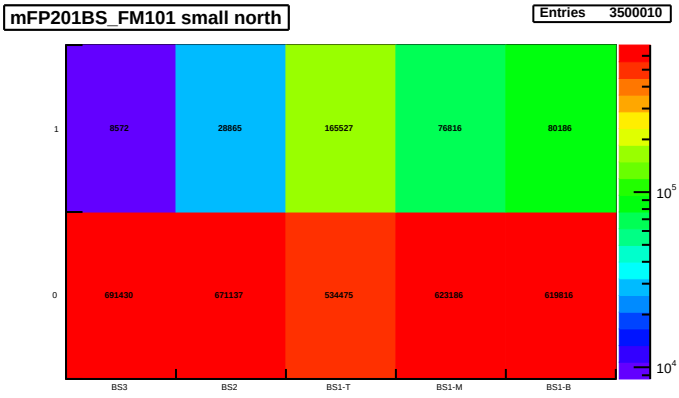

mFM104BSsim -- North -- Bottom -- FM012
Entries 57401

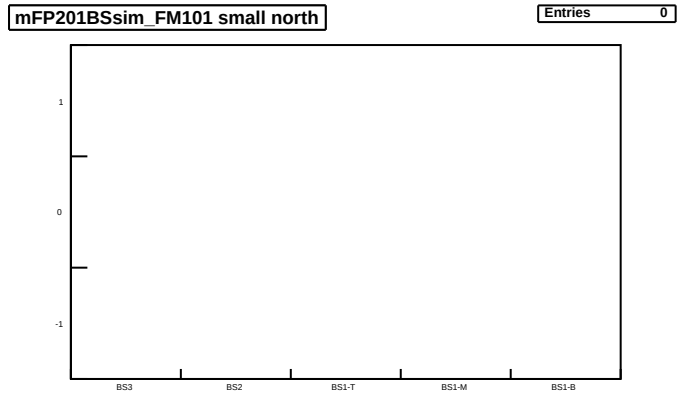

mFM104J -- South -- Bottom -- FM012
Entries 700002
Unused

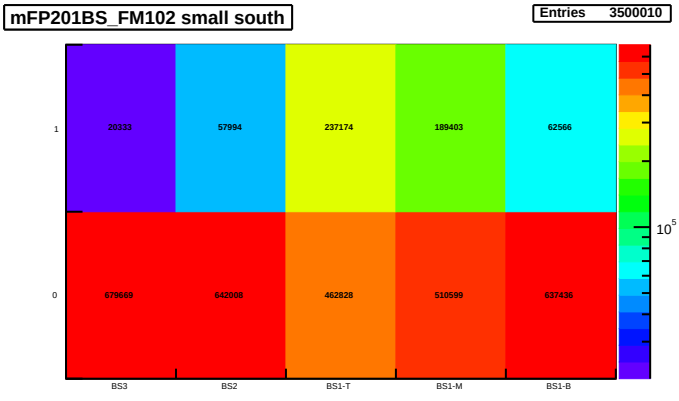

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

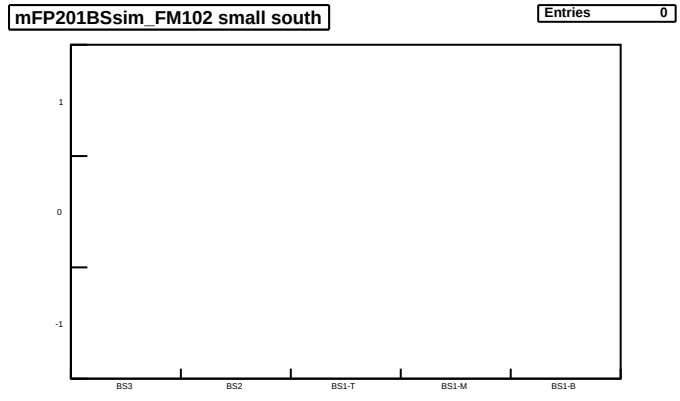

mFM104JP -- South -- Bottom -- FM012
Entries 1400004

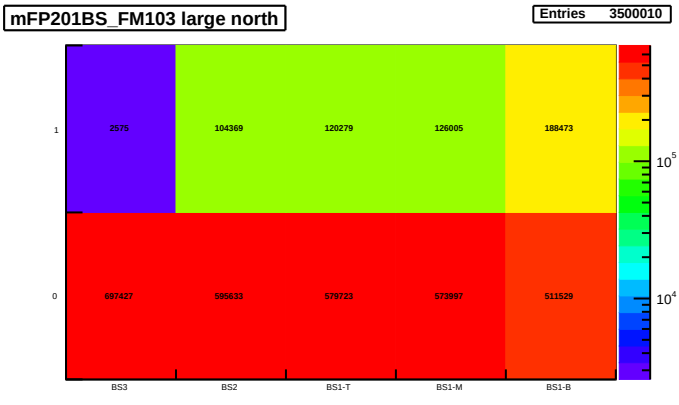

mFM104JPsim -- South -- Bottom -- FM012
Entries 0

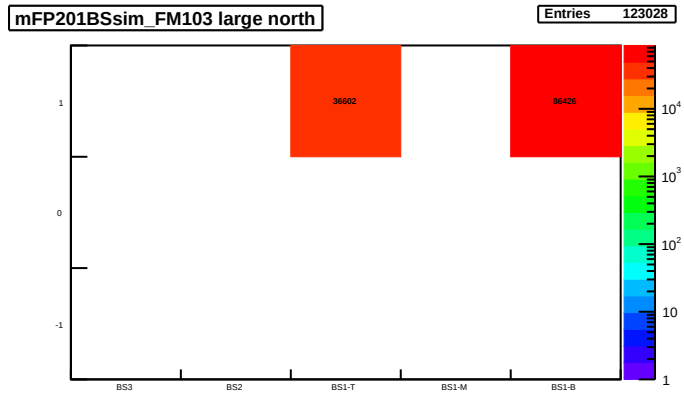

mFP201BS_FM101 small north
Entries 3500010
8572
28865
165527
76816
80186
691430
671137
534475
623186
619816
BS3
BS2
BS1-T
BS1-M
BS1-B

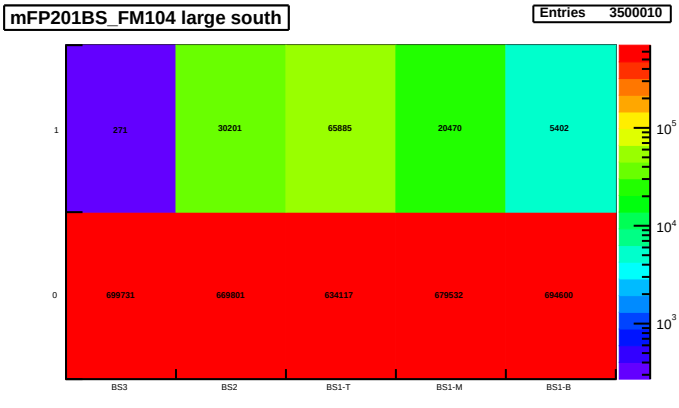

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

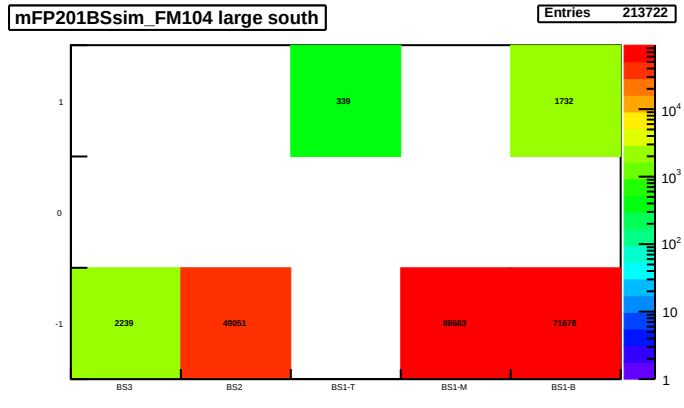

mFP201BS_FM102 small south
Entries 3500010
20333
57994
237174
189403
62566
679669
642008
462828
510599
637436
BS3
BS2
BS1-T
BS1-M
BS1-B

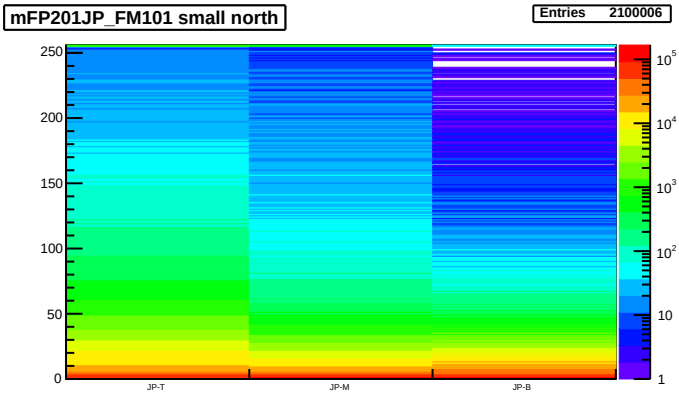

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

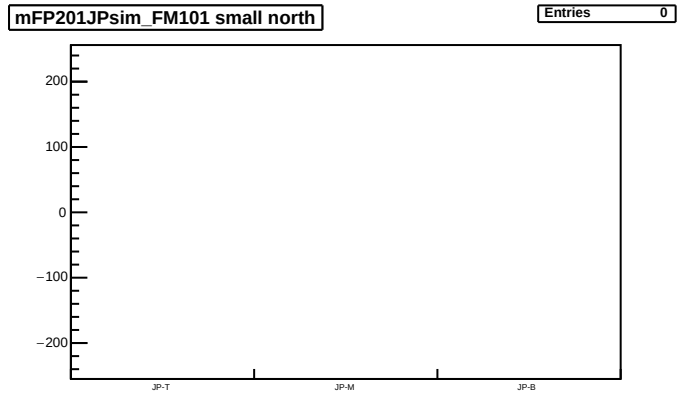

mFP201BS_FM103 large north
Entries 3500010
2575
104369
120279
126005
188473
697427
595633
579723
573997
511529
BS3
BS2
BS1-T
BS1-M
BS1-B

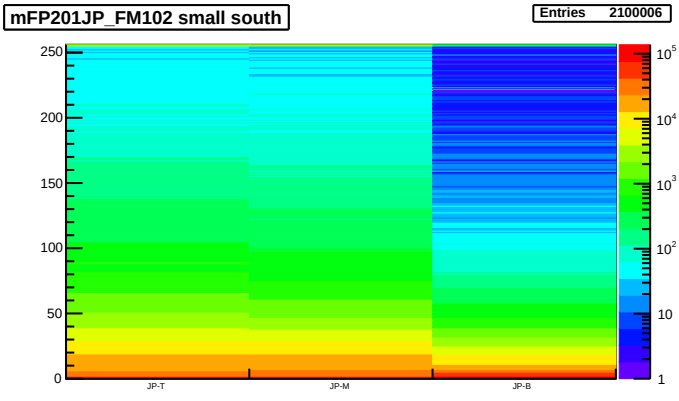

mFP201BSsim_FM103 large north
Entries 123028
36602
86426
BS3
BS2
BS1-T
BS1-M
BS1-B

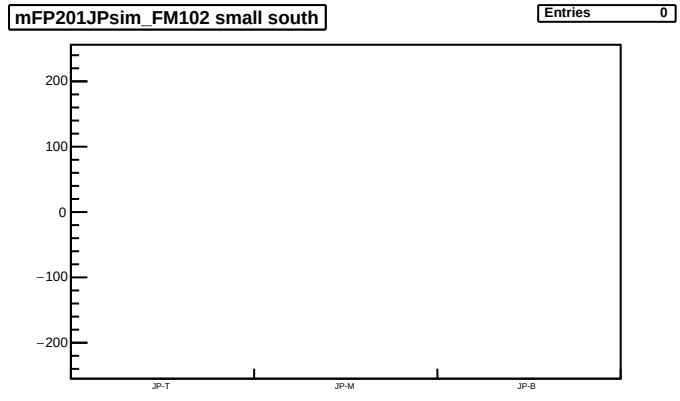

mFP201BS_FM104 large south
Entries 3500010
271
30201
65885
20470
5402
699731
669801
634117
679532
694600
BS3
BS2
BS1-T
BS1-M
BS1-B

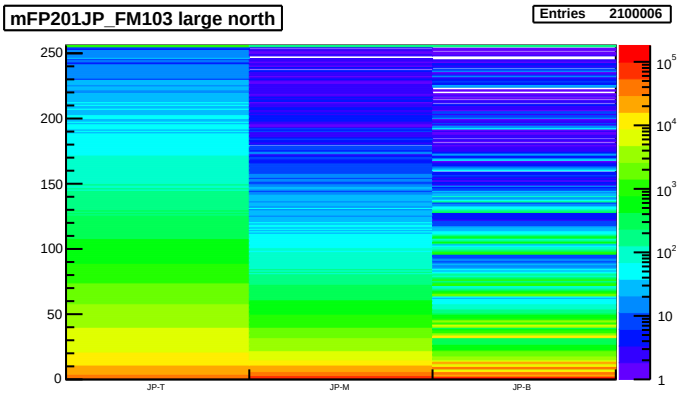

mFP201BSsim_FM104 large south
Entries 213722
339
1732
2239
49051
88683
71678
BS3
BS2
BS1-T
BS1-M
BS1-B

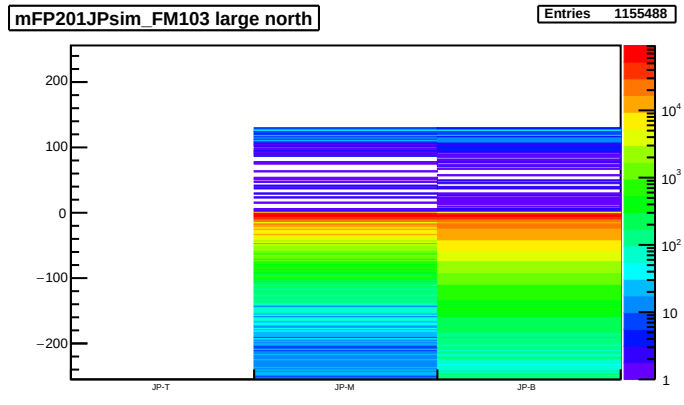

mFP201JP_FM101 small north
Entries 2100006
JP-T
JP-M
JP-B

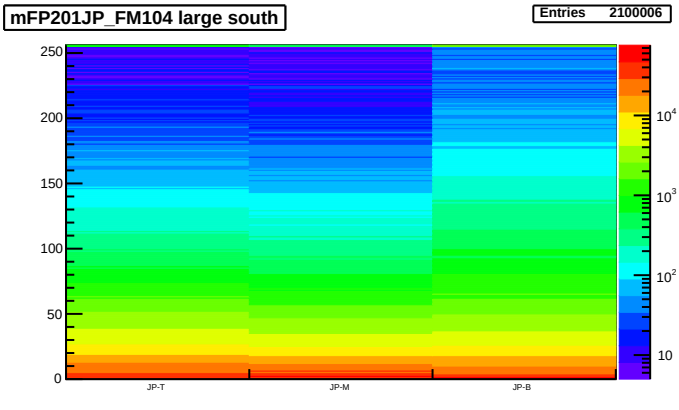

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

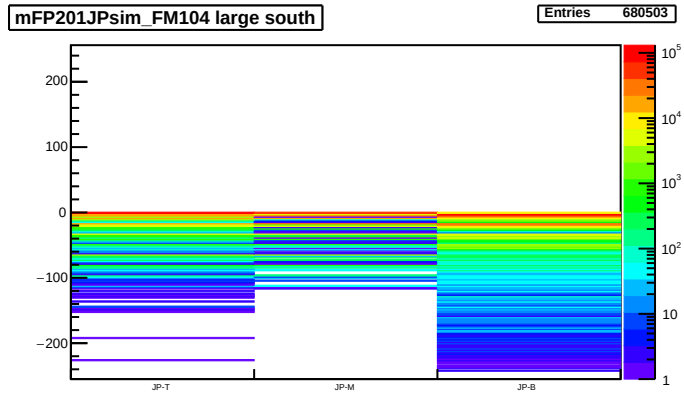

mFP201JP_FM102 small south
Entries 2100006
JP-T
JP-M
JP-B

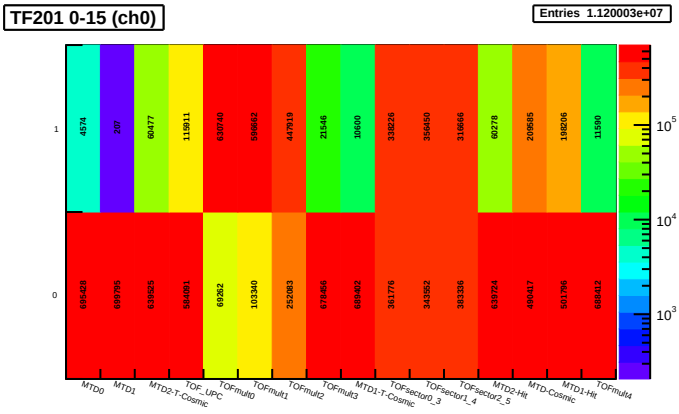

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

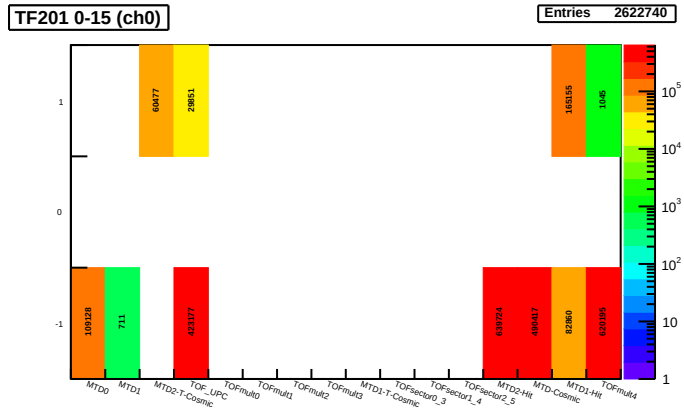

mFP201JP_FM103 large north
Entries 2100006
JP-T
JP-M
JP-B

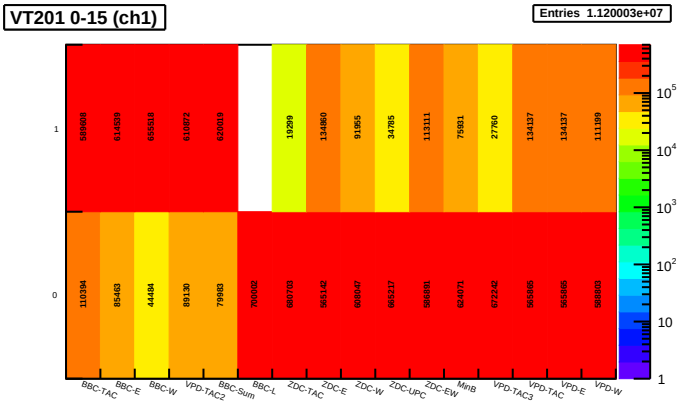

mFP201JPsim_FM103 large north
Entries 1155488
JP-T
JP-M
JP-B

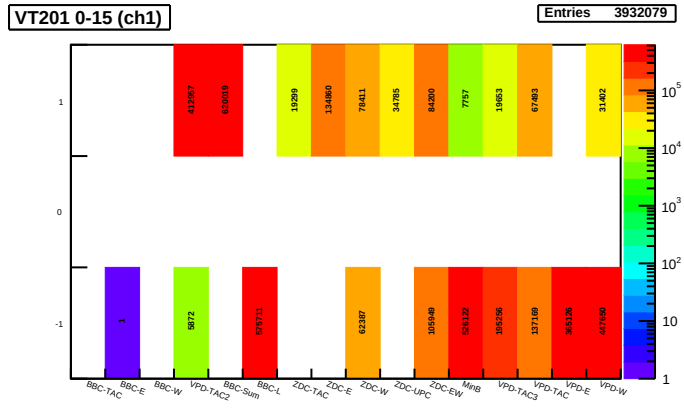

mFP201JP_FM104 large south
Entries 2100006
JP-T
JP-M
JP-B

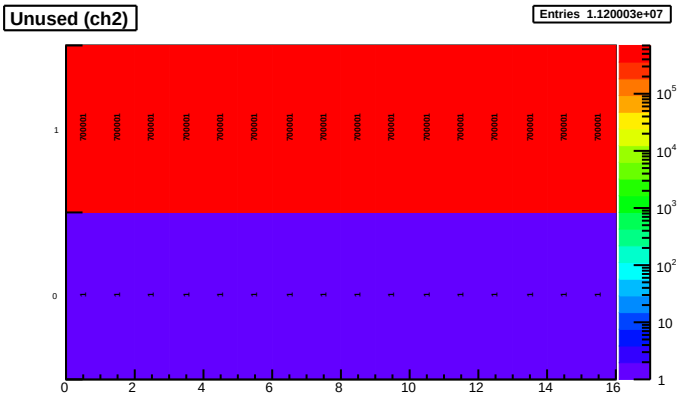

mFP201JPsim_FM104 large south
Entries 680503
JP-T
JP-M
JP-B

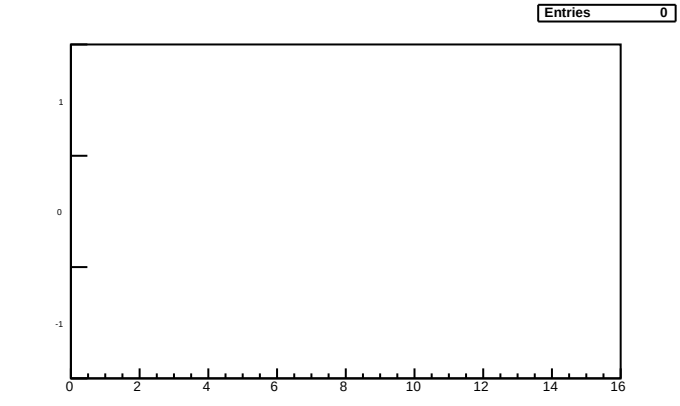

TF201 0-15 (ch0)
Entries 1.120003e+07
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

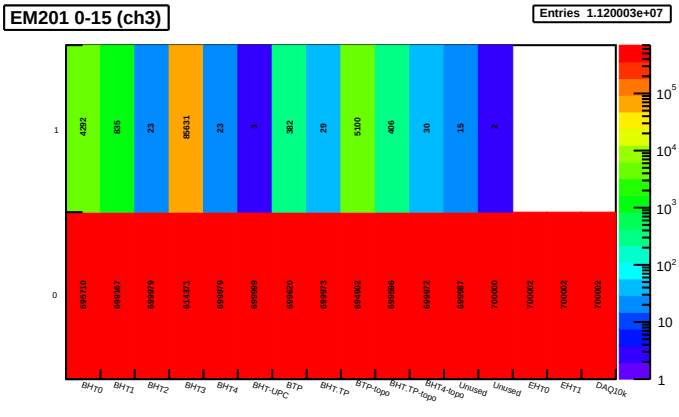

TF201 0-15 (ch0)
Entries 2622740
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

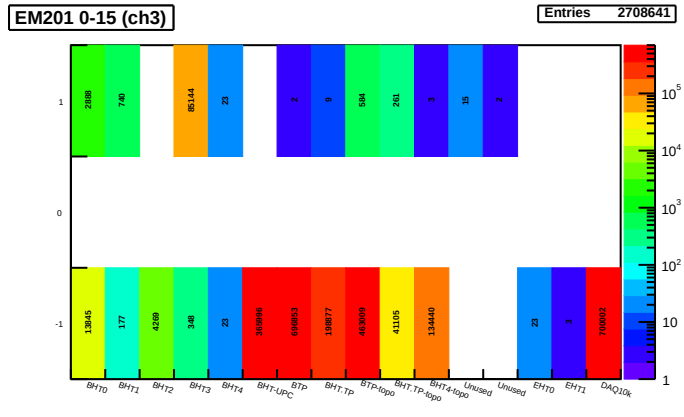

VT201 0-15 (ch1)
Entries 1.120003e+07
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

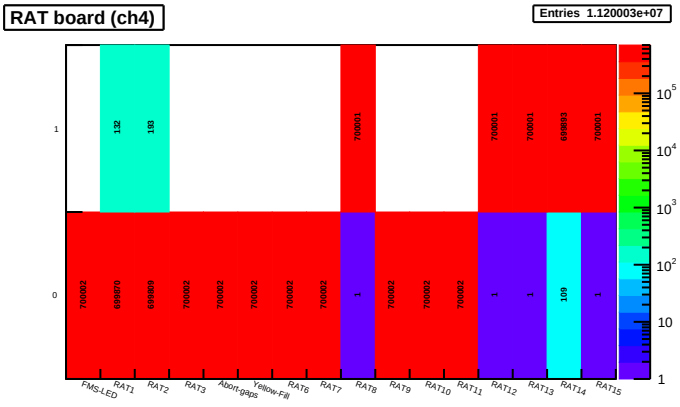

VT201 0-15 (ch1)
Entries 3932079
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

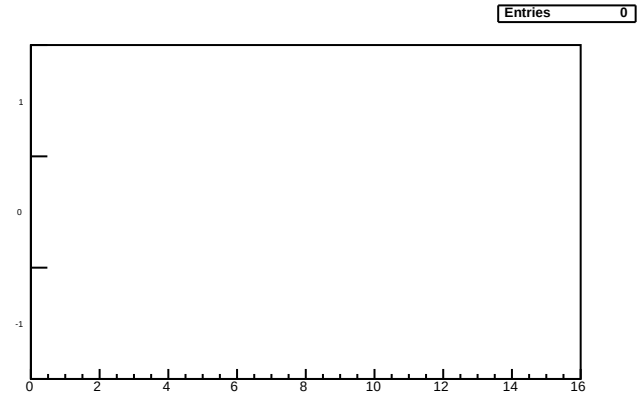

Unused (ch2)
Entries 1.120003e+07

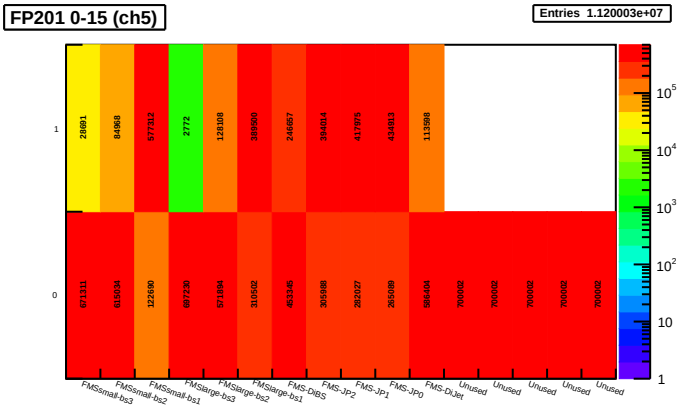

Entries 0

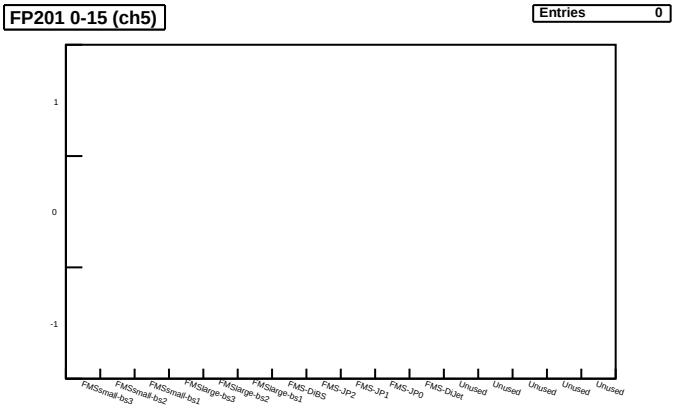

EM201 0-15 (ch3)
Entries 1.120003e+07
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

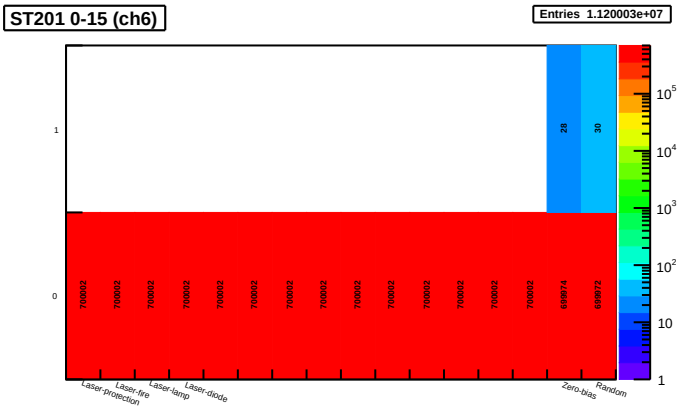

EM201 0-15 (ch3)
Entries 2708641
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

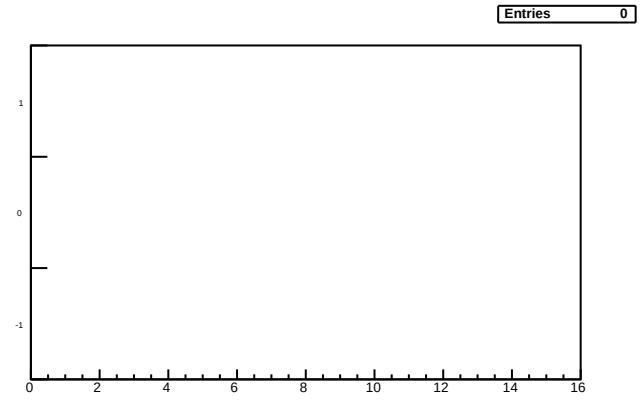

RAT board (ch4)
Entries 1.120003e+07
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15


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-bas
Random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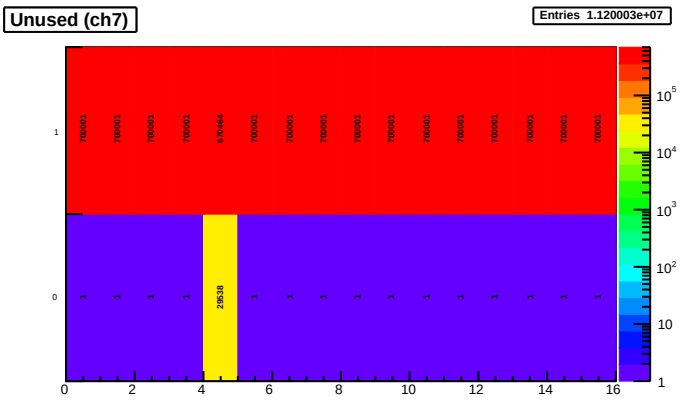
Unused (ch7)
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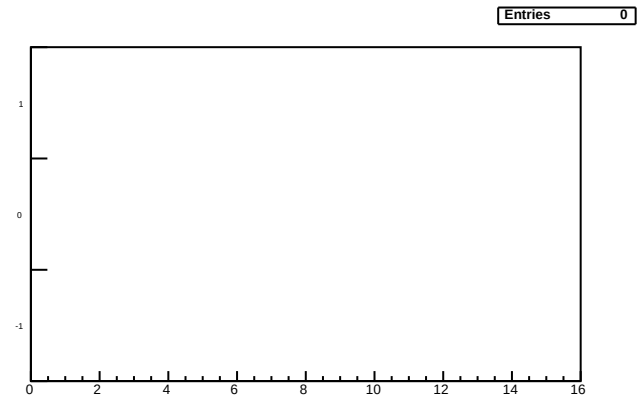
Entries 0