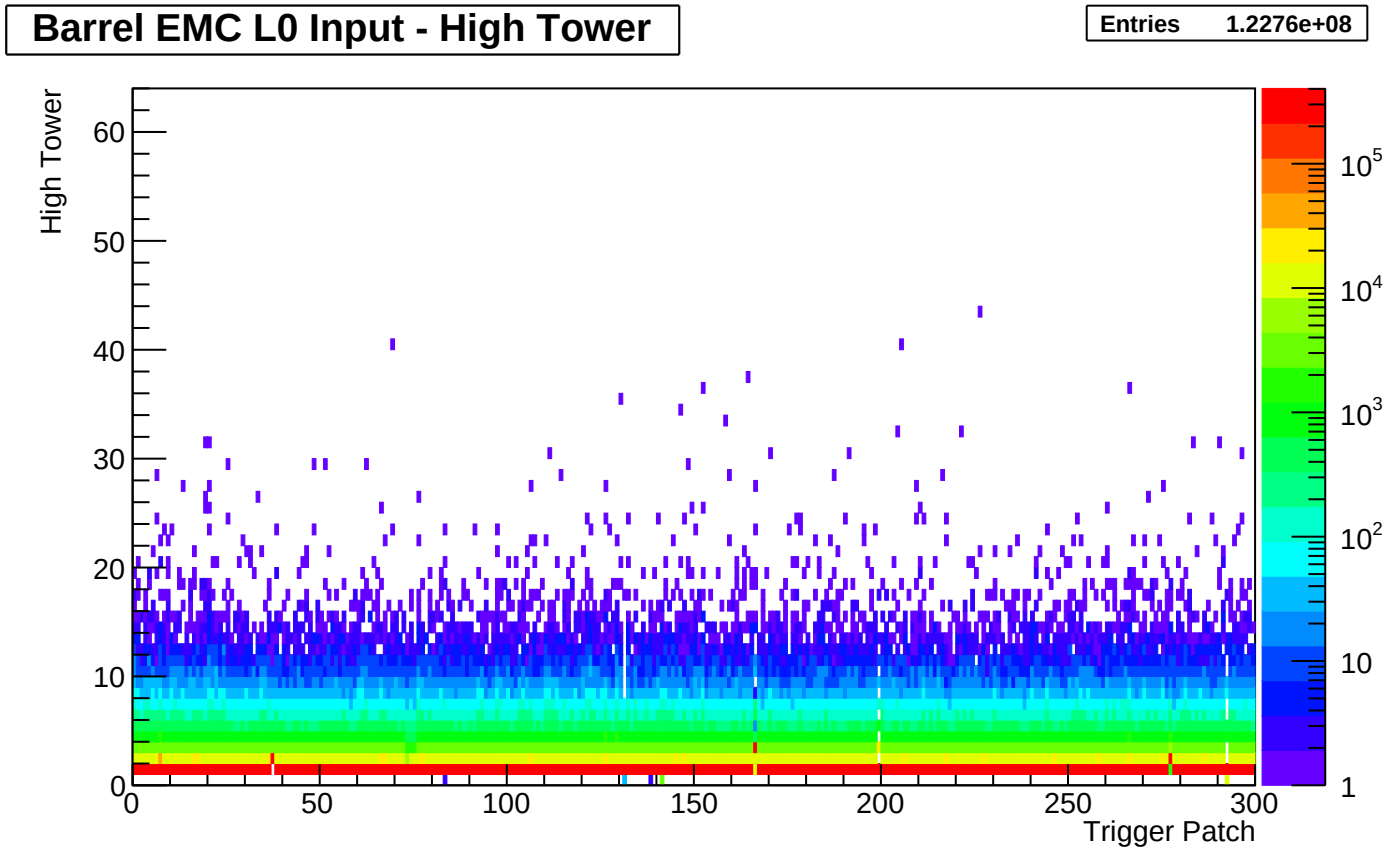
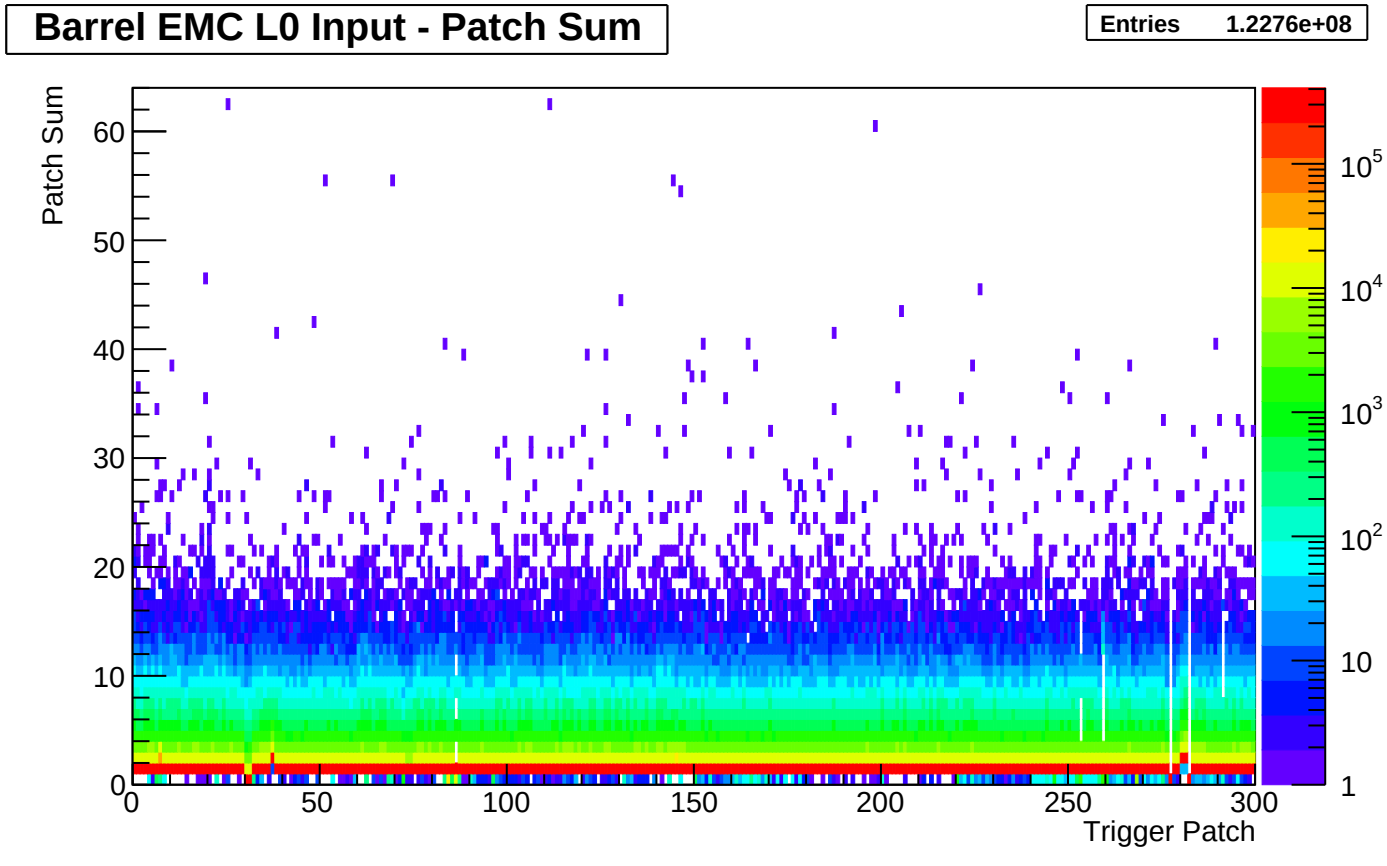
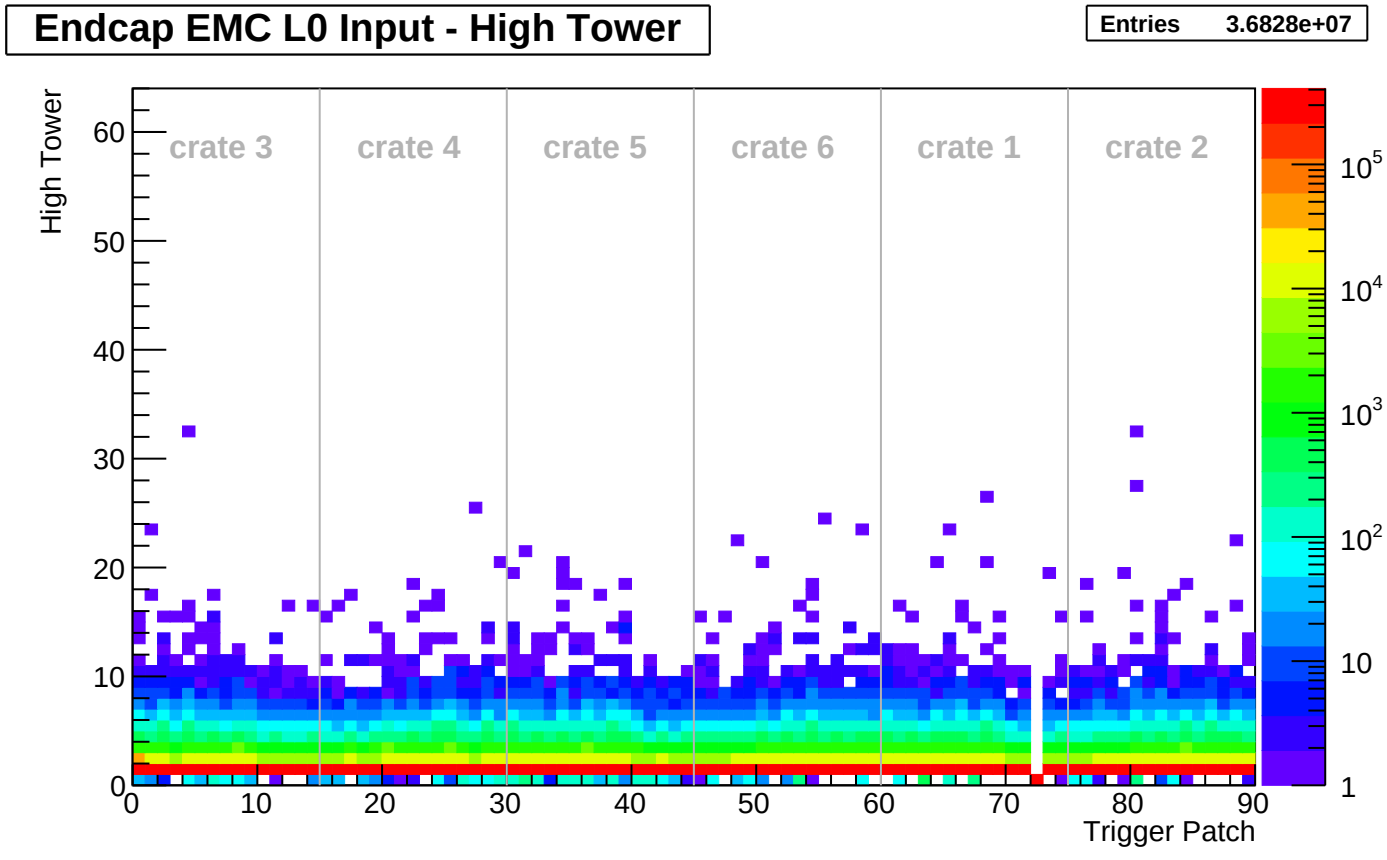
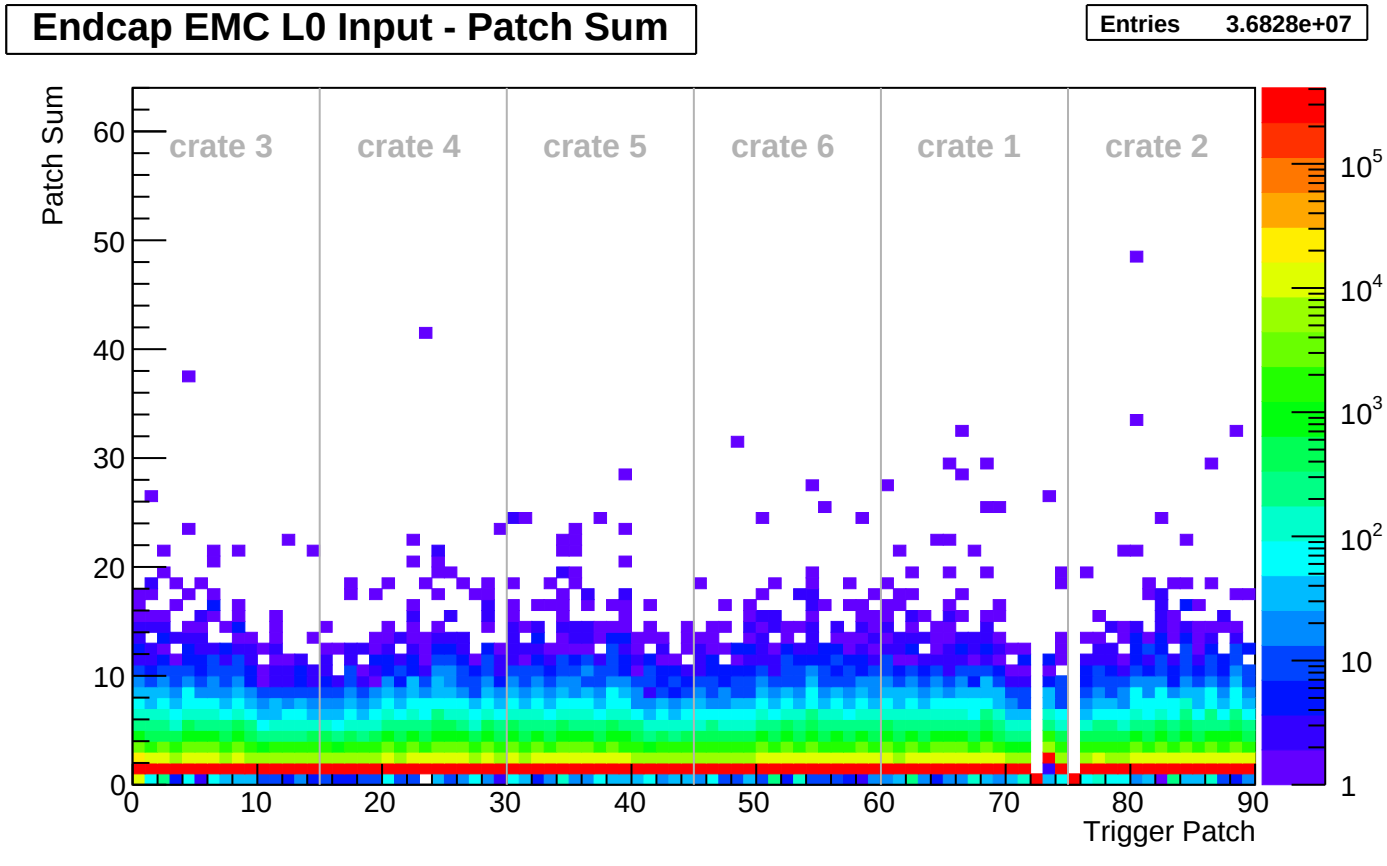
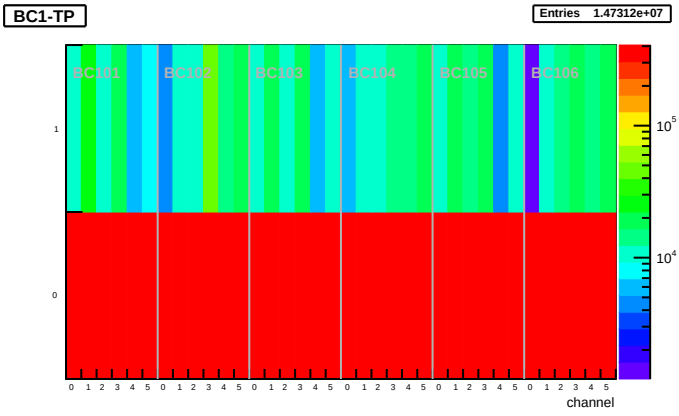
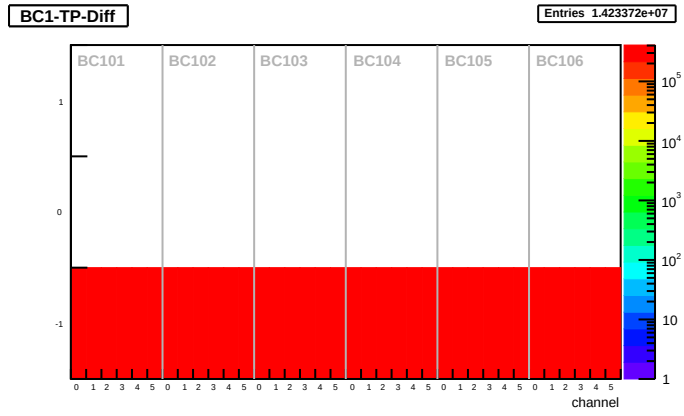

Barrel EMC L0 Input - High Tower
Entries 1.2276e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

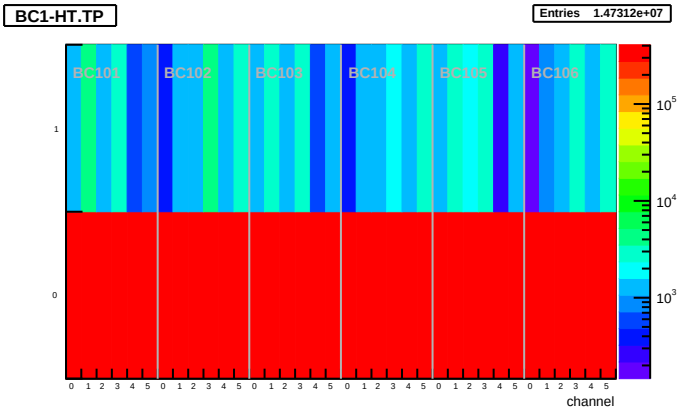

Barrel EMC L0 Input - Patch Sum
Entries 1.2276e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

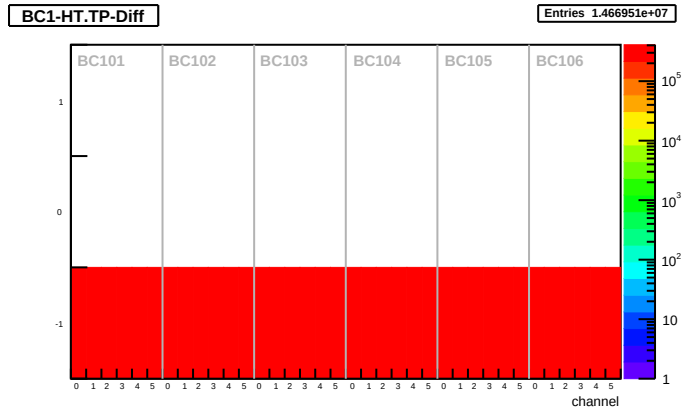

Endcap EMC L0 Input - High Tower
Entries 3.6828e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

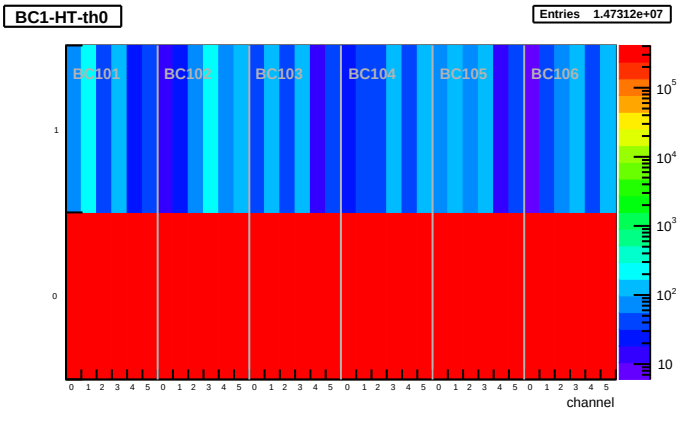

Endcap EMC L0 Input - Patch Sum
Entries 3.6828e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

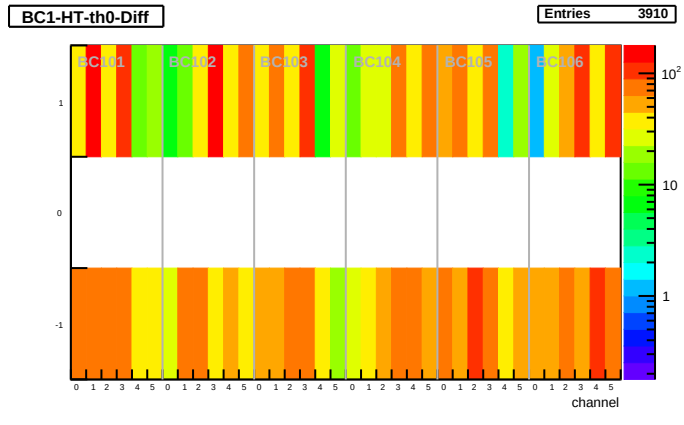

BC1-TP
Entries 1.47312e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

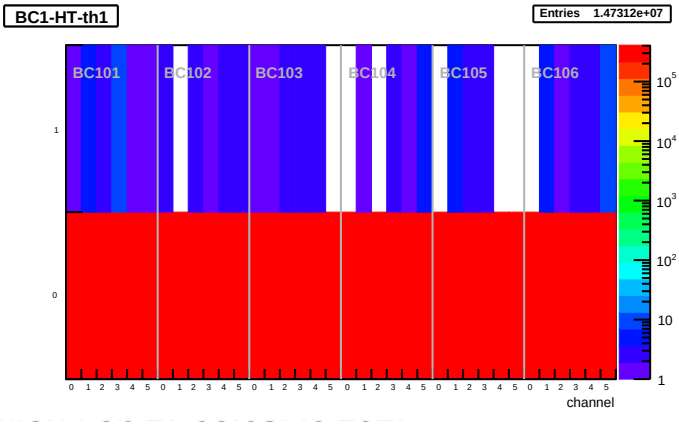

BC1-TP-Diff
Entries 1.423372e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

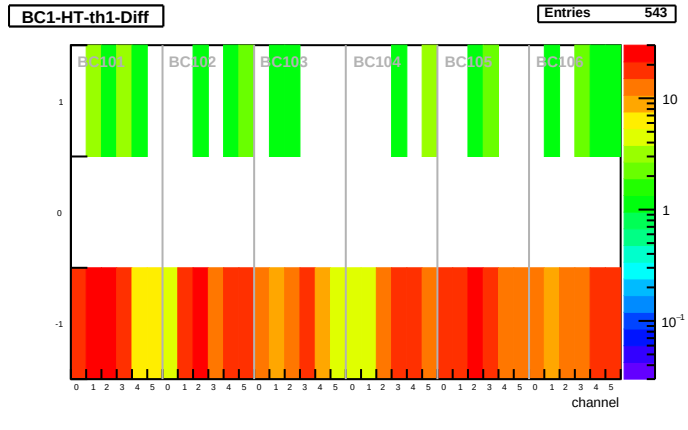

BC1-HT.TP
Entries 1.47312e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

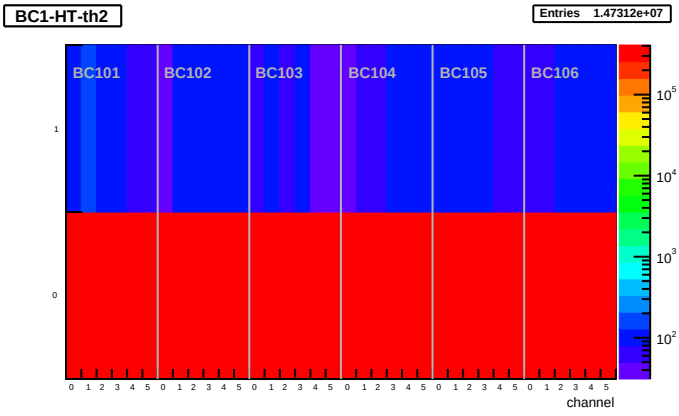

BC1-HT.TP-Diff
Entries 1.466951e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

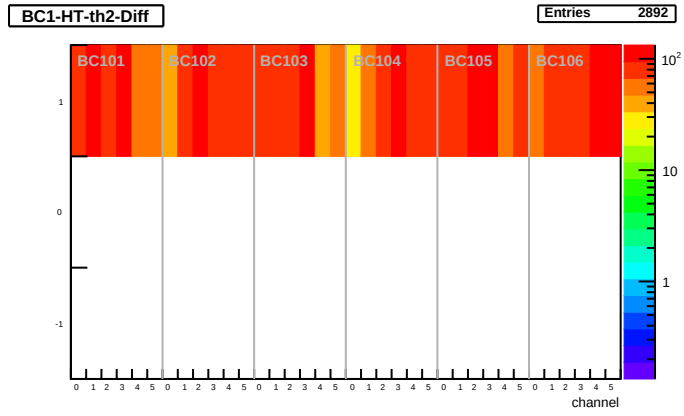

BC1-HT-th0
Entries 1.47312e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

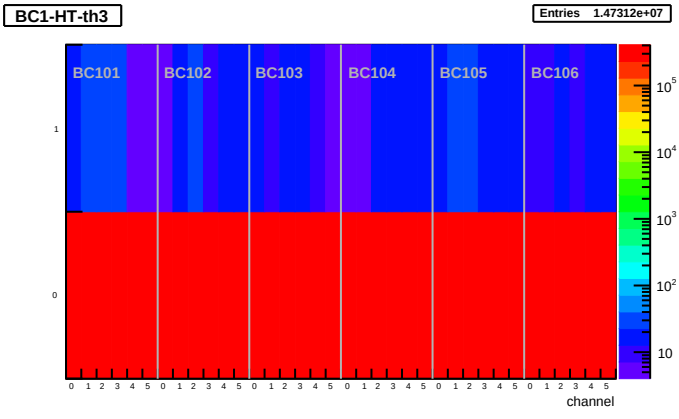

BC1-HT-th0-Diff
Entries 3910
BC101
BC102
BC103
BC104
BC105
BC106
channel

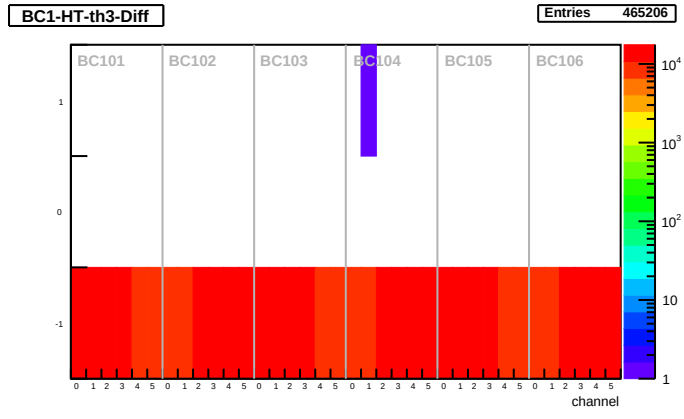

BC1-HT-th1
Entries 1.47312e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

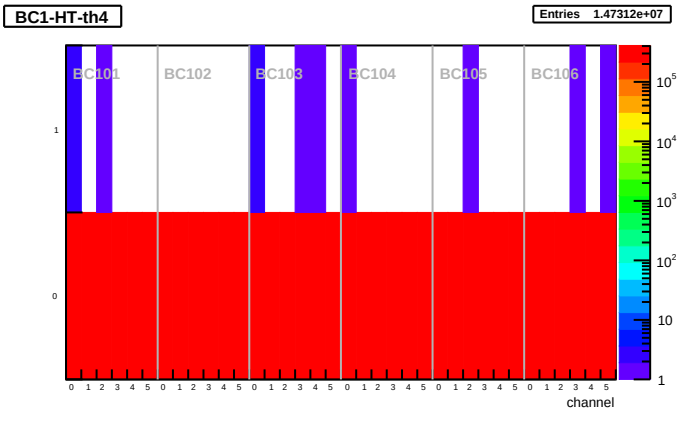

BC1-HT-th1-Diff
Entries 543
BC101
BC102
BC103
BC104
BC105
BC106
channel

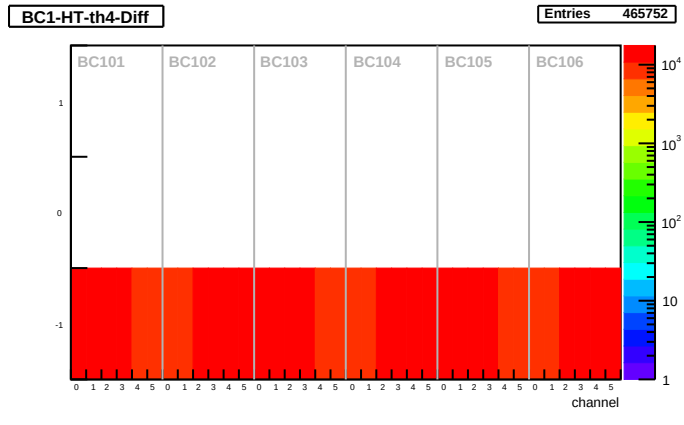

BC1-HT-th2
Entries 1.47312e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

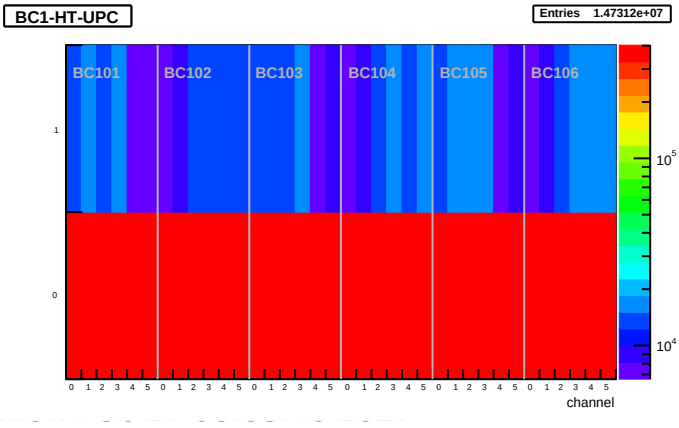

BC1-HT-th2-Diff
Entries 2892
BC101
BC102
BC103
BC104
BC105
BC106
channel

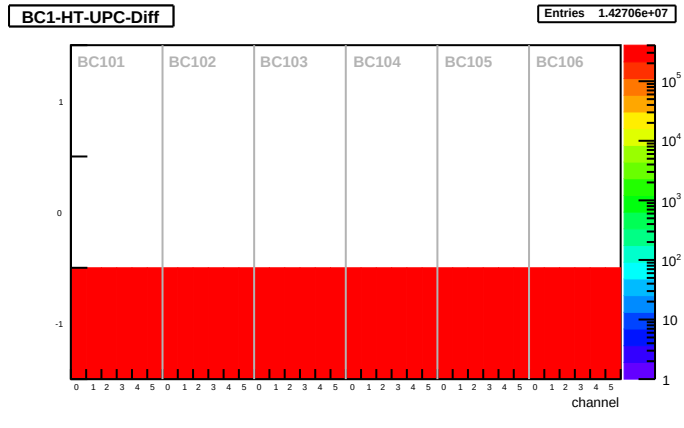

BC1-HT-th3
Entries 1.47312e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

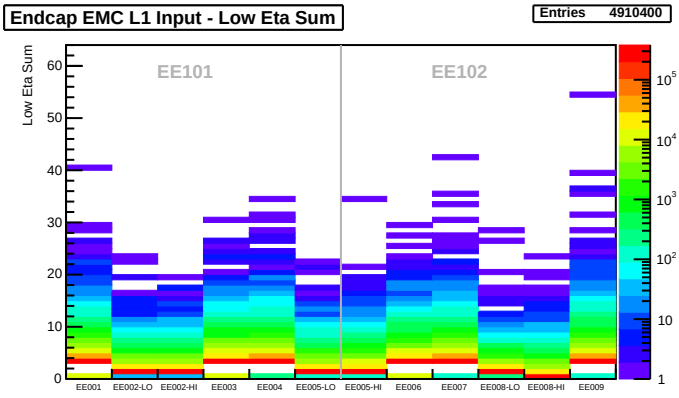

BC1-HT-th3-Diff
Entries 465206
BC101
BC102
BC103
BC104
BC105
BC106
channel

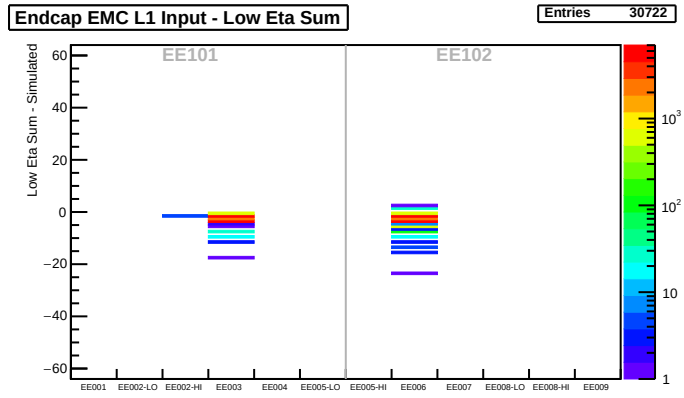

BC1-HT-th4
Entries 1.47312e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

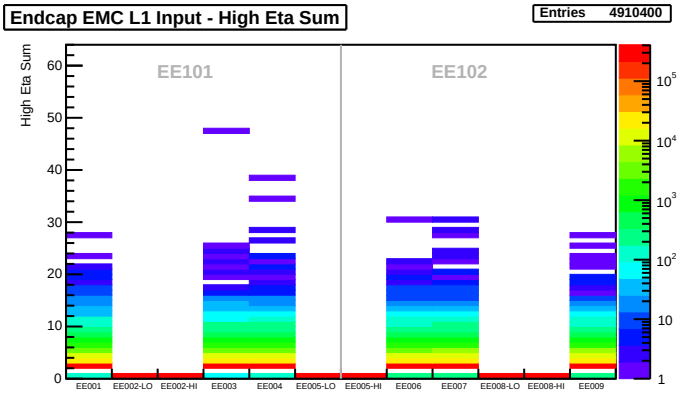

BC1-HT-th4-Diff
Entries 465752
BC101
BC102
BC103
BC104
BC105
BC106
channel

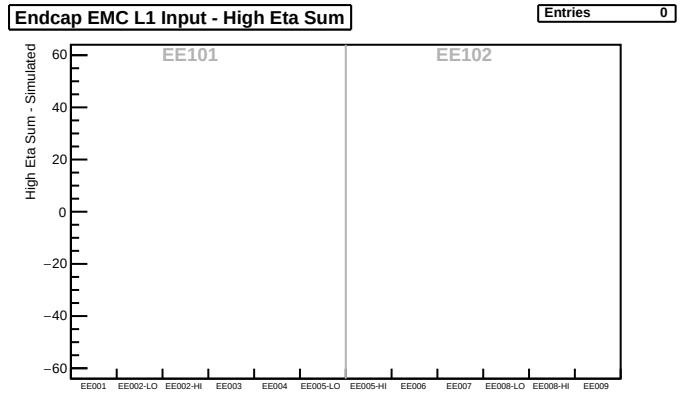

BC1-HT-UPC
Entries 1.47312e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

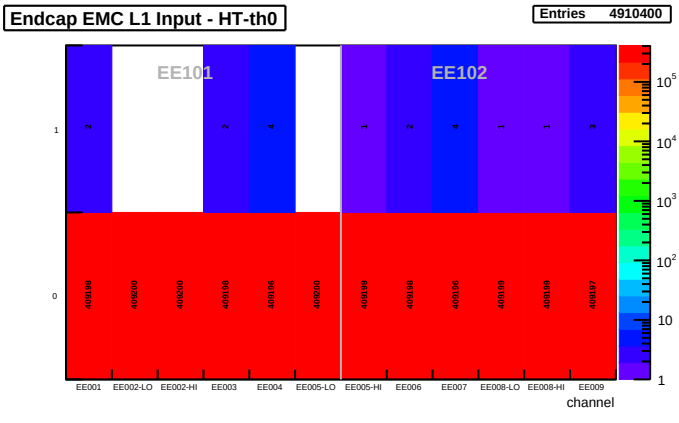

BC1-HT-UPC-Diff
Entries 1.42706e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

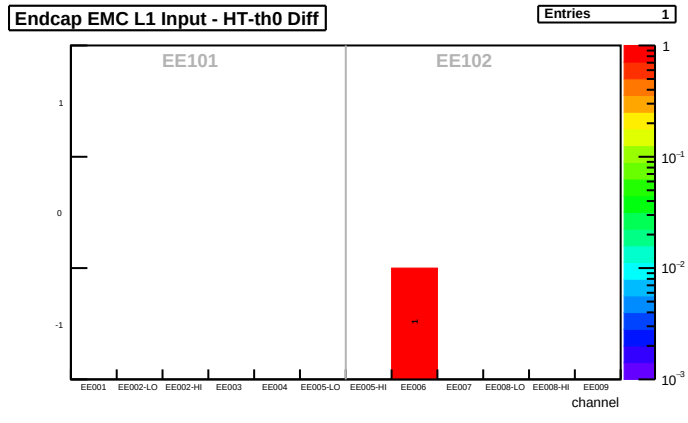

Endcap EMC L1 Input - Low Eta Sum
Entries 4910400
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

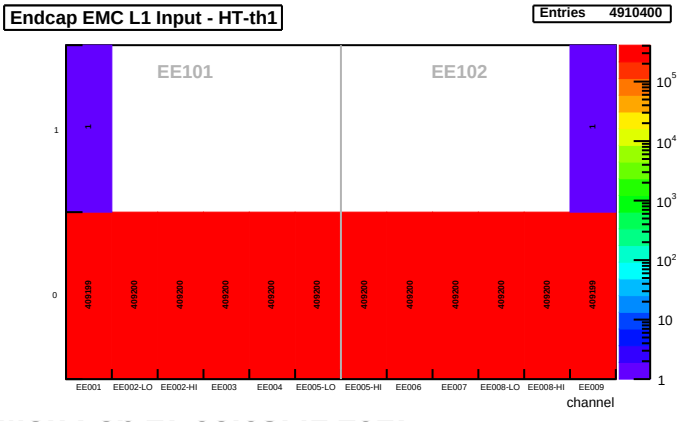

Endcap EMC L1 Input - Low Eta Sum
Entries 30722
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

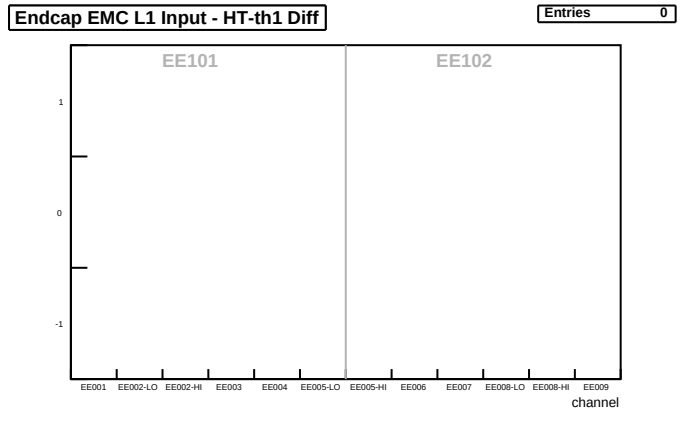

Endcap EMC L1 Input - High Eta Sum
Entries 4910400
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

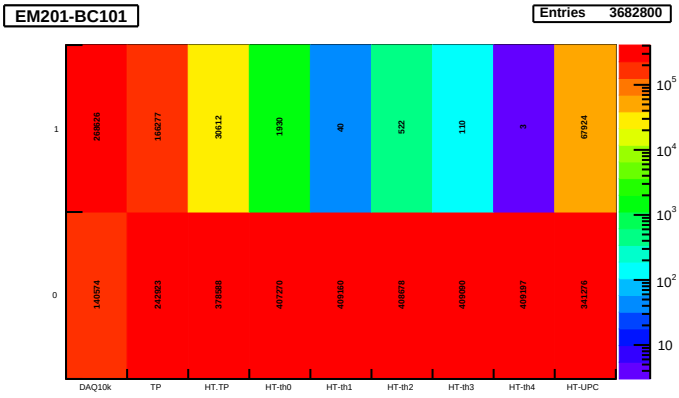

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

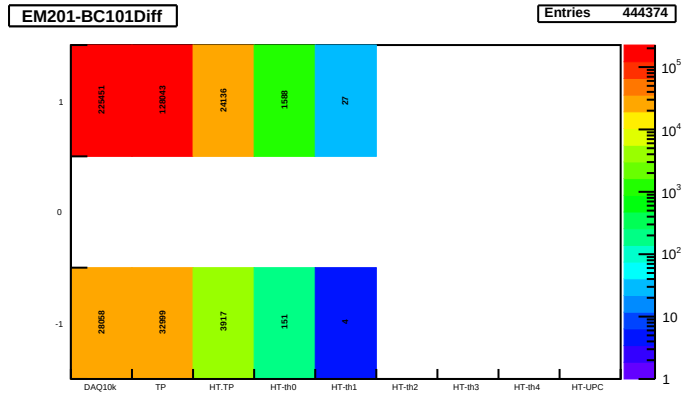

Endcap EMC L1 Input - HT-th0
Entries 4910400
EE101
EE102
channel

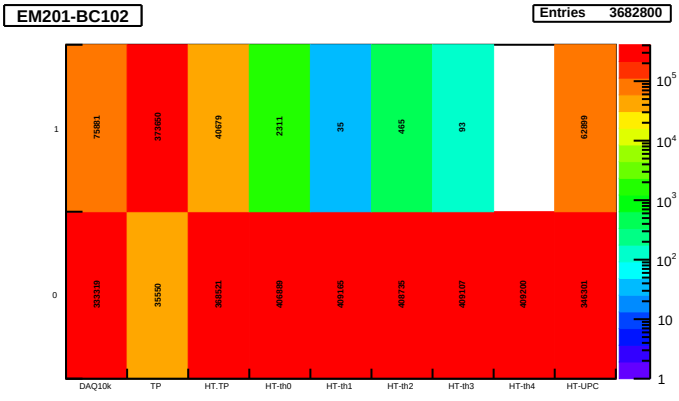

Endcap EMC L1 Input - HT-th0 Diff
Entries 1
EE101
EE102
channel

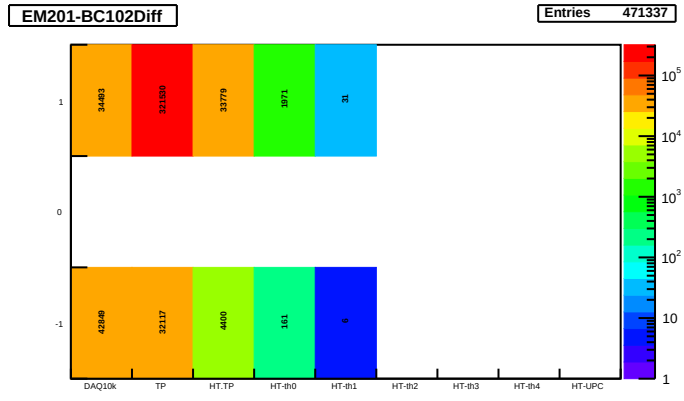

Endcap EMC L1 Input - HT-th1
Entries 4910400
EE101
EE102
channel

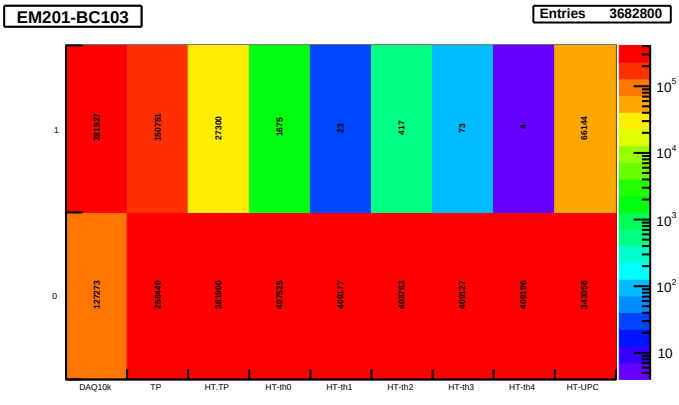

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
channel

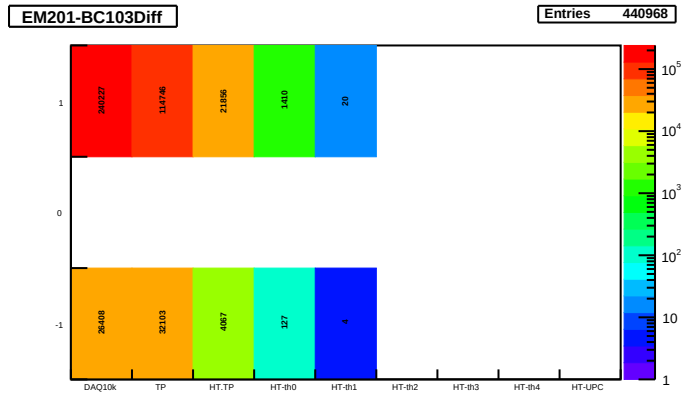

EM201-BC101
Entries 3682800
1
0
238826
156277
30612
1930
40
522
110
3
67924
140574
242823
378888
407270
409160
409678
409980
409197
341276
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10

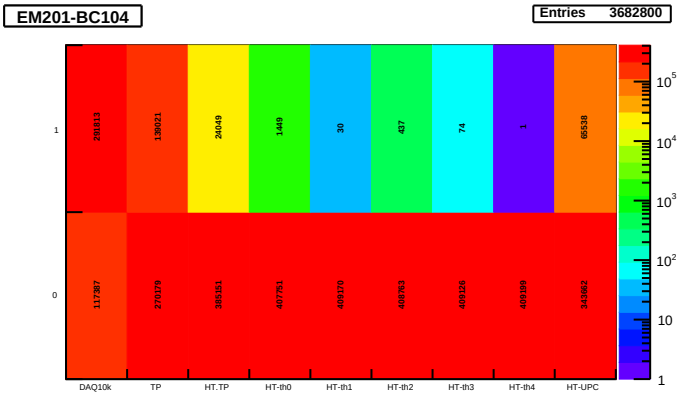

EM201-BC101Diff
Entries 444374
1
0
-1
225451
128843
24136
1588
27
28658
32999
39417
151
4
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

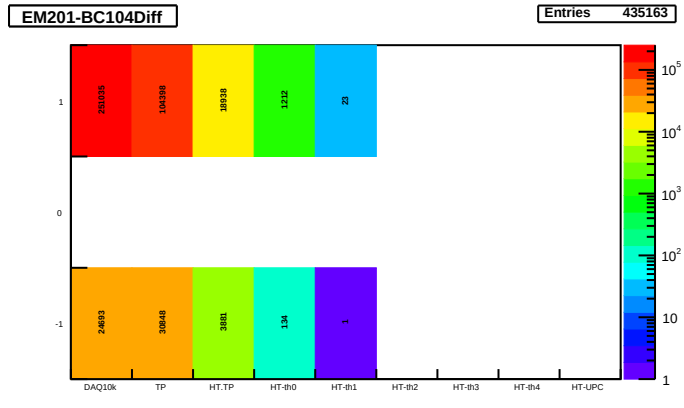

EM201-BC102
Entries 3682800
1
0
75881
373650
40679
2311
35
465
93
62899
333319
35550
368521
408889
409165
409735
409107
409200
346301
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC102Diff
Entries 471337
1
0
-1
34493
321530
33779
1971
31
42849
32117
4400
161
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

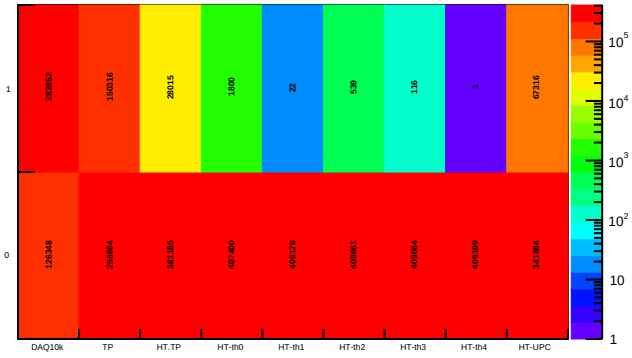

EM201-BC103
Entries 3682800
1
0
281927
150751
27300
1675
23
417
73
4
66144
127273
258449
381000
407525
409177
409783
409127
409196
343056
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10


EM201-BC103Diff
Entries 440968
1
0
-1
240227
114746
21856
1410
20
26408
32103
4967
127
4
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

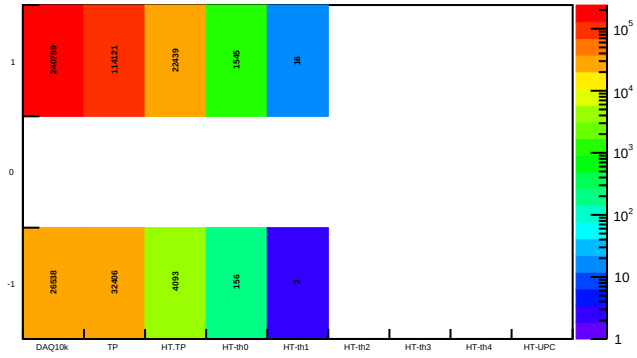

EM201-BC104
Entries 3682800
1
0
281613
139021
24049
1449
30
437
74
1
68538
117387
270379
385151
407751
409170
408783
409126
409199
343862
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC104Diff
Entries 435163
1
0
-1
231035
104398
18938
1222
23
24693
30848
3801
134
1
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

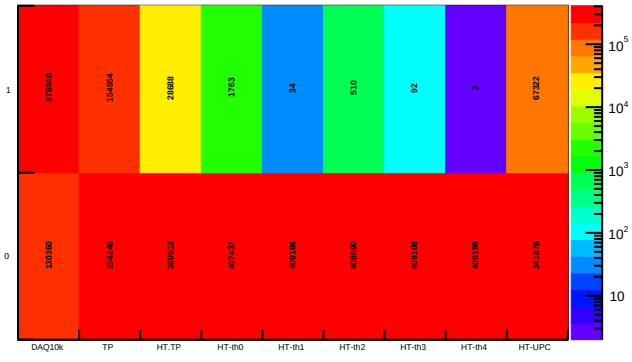
EM201-BC105 Entries 3682800



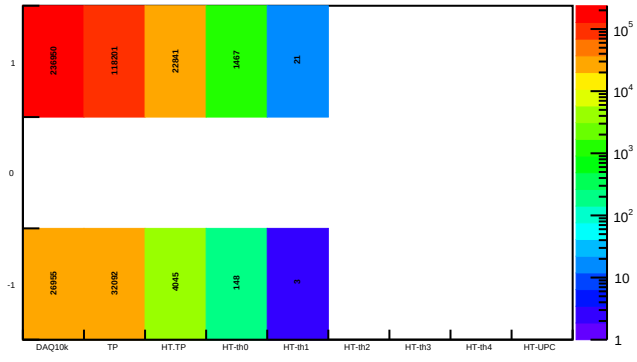
EM201-BC105Diff Entries 442105



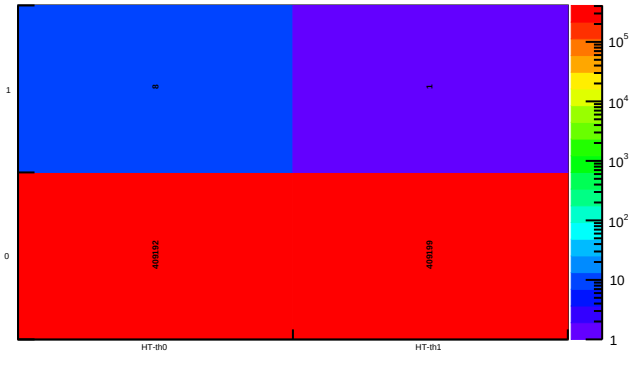
EM201-BC106 Entries 3682800



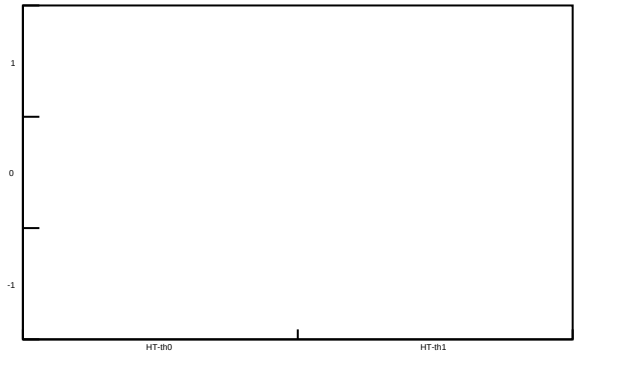
EM201-BC106Diff Entries 442723



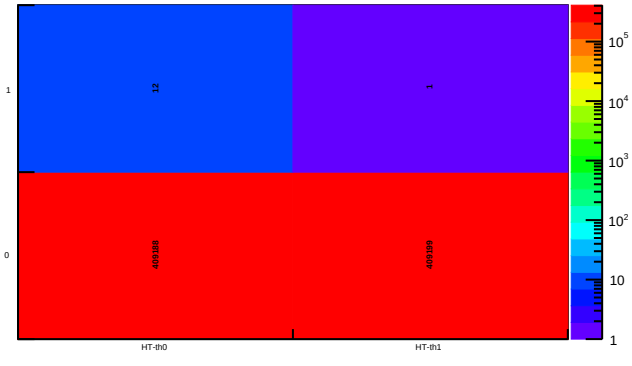
EM201-EE101 Entries 818400



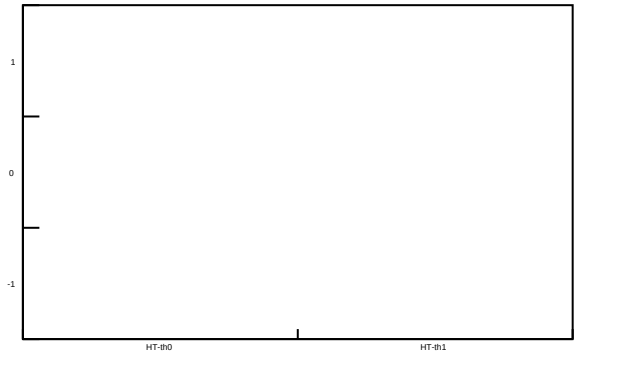
EM201-EE101Diff Entries 0

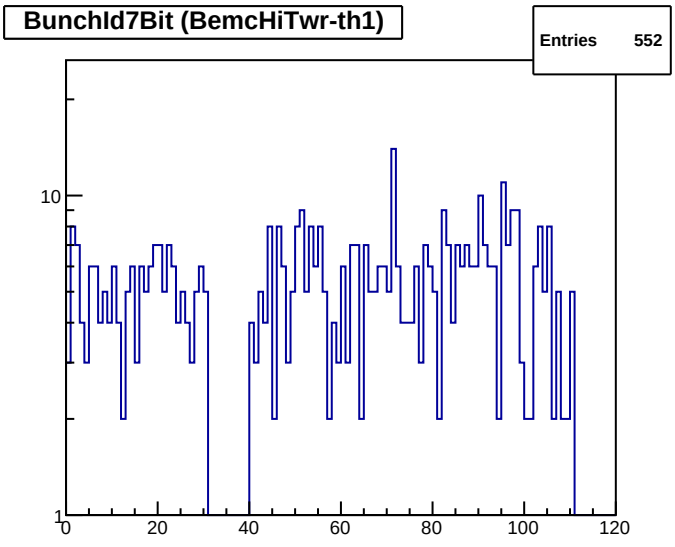


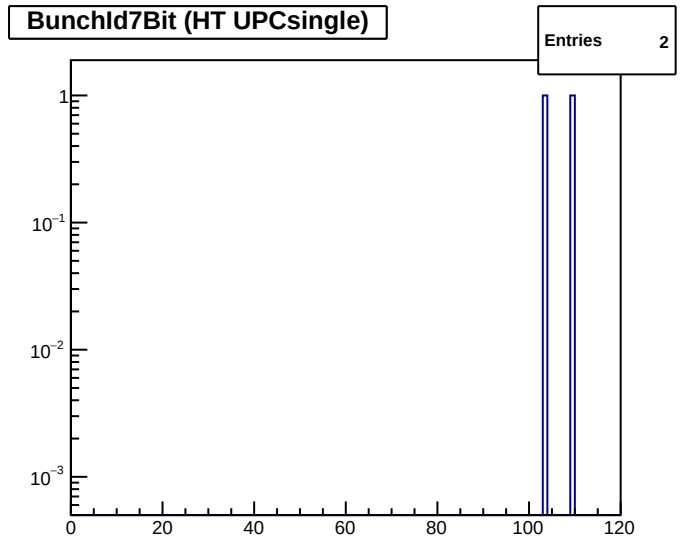
EM201-EE102 Entries 818400

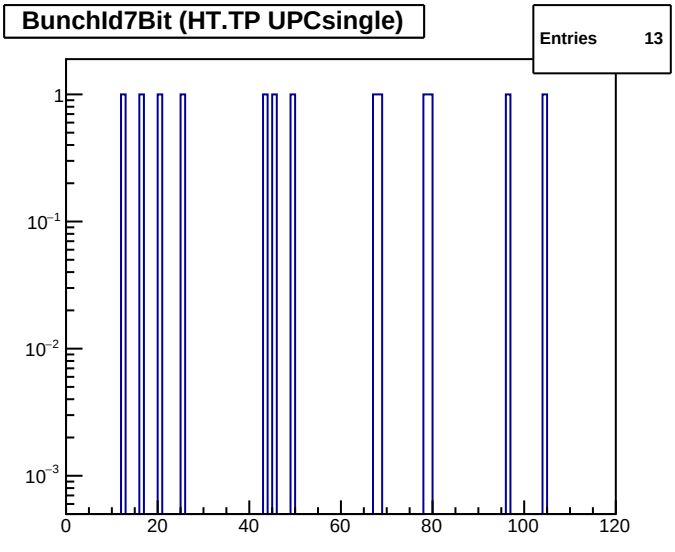


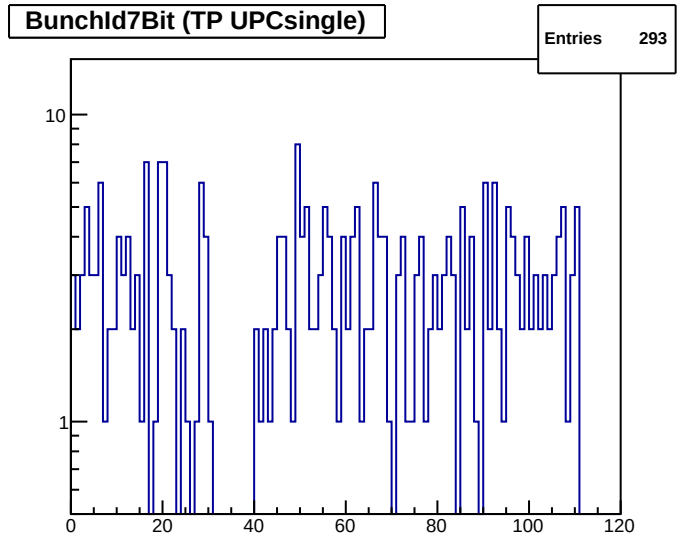
EM201-EE102Diff Entries 0

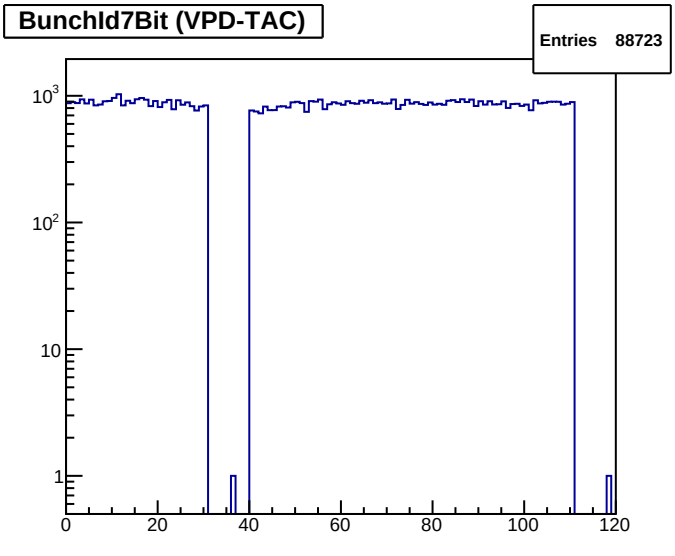


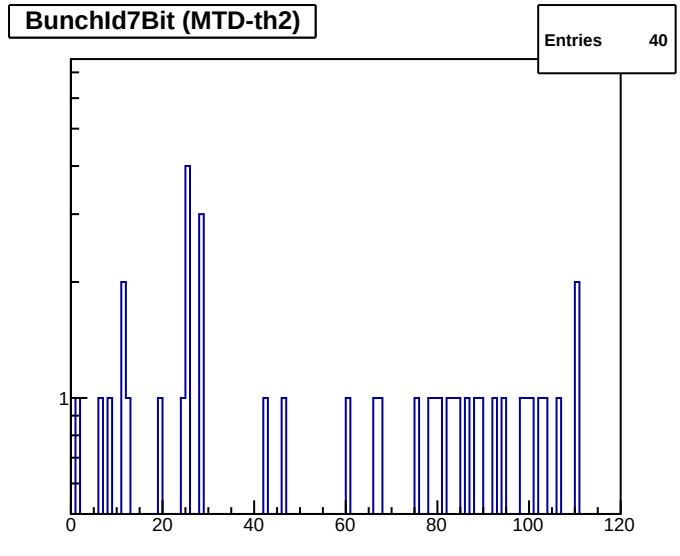

BunchId7Bit (BemcHiTwr-th1)
Entries 552

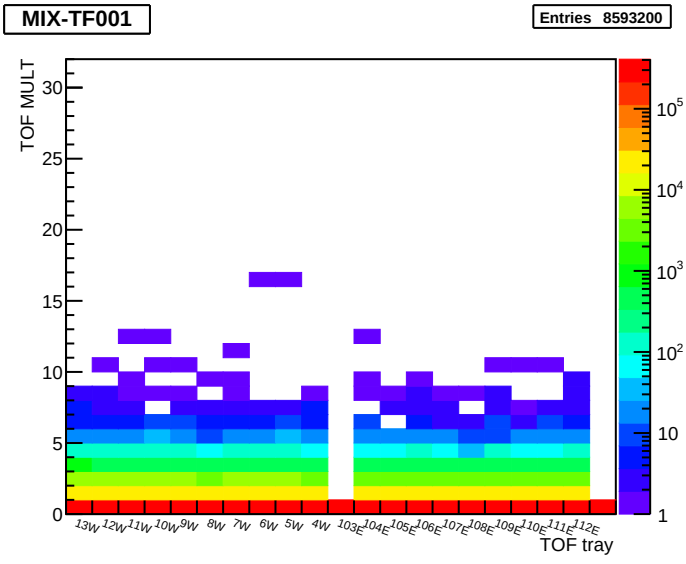

BunchId7Bit (HT UPCsingle)
Entries 2

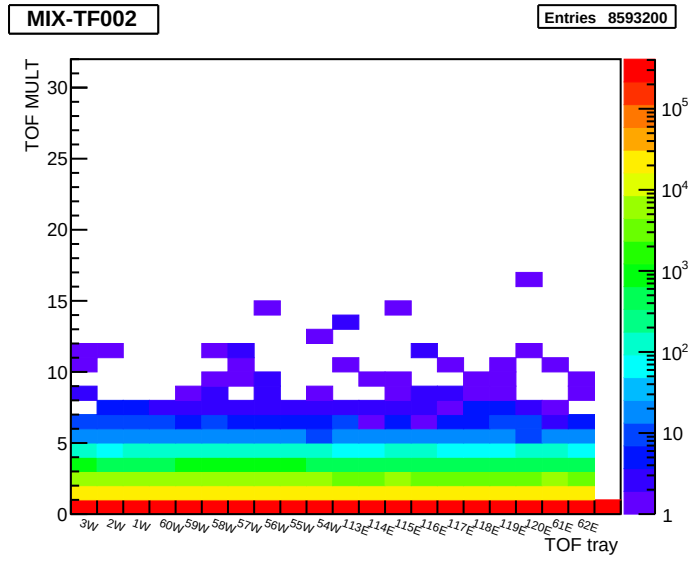

BunchId7Bit (HT.TP UPCsingle)
Entries 13

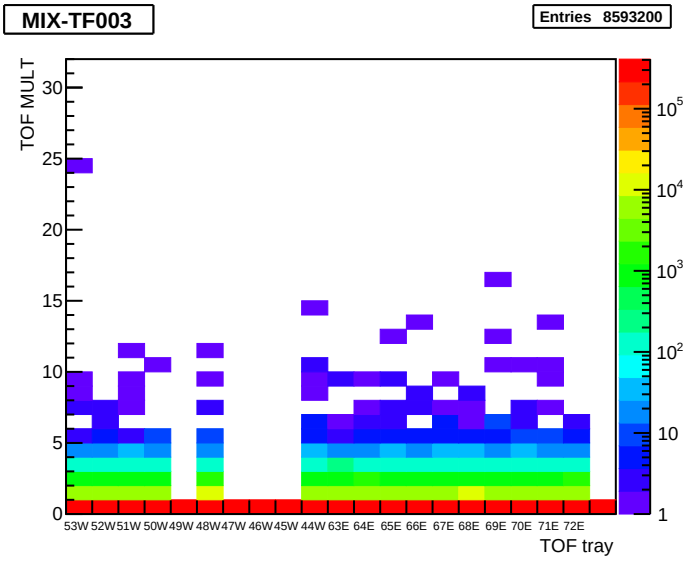

BunchId7Bit (TP UPCsingle)
Entries 293

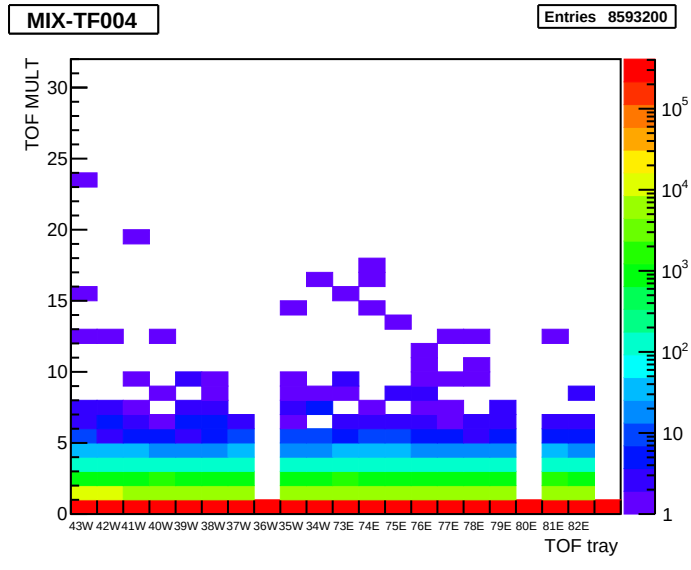

BunchId7Bit (VPD-TAC)
Entries 88723

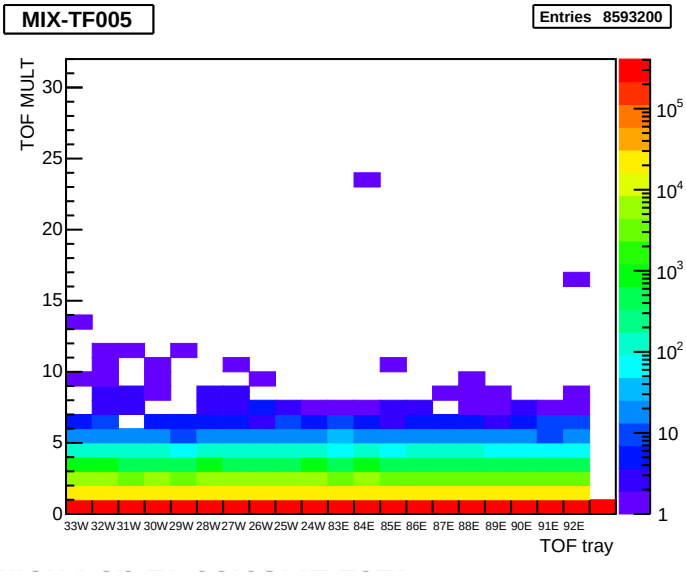

BunchId7Bit (MTD-th2)
Entries 40

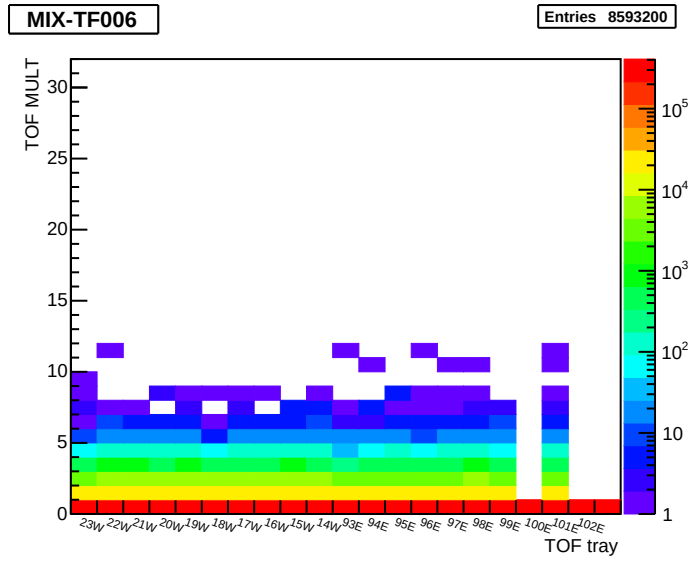

MIX-TF001
Entries 8593200
TOF MULT
TOF tray

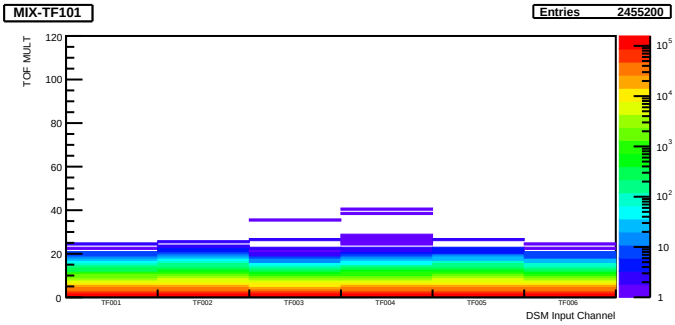

MIX-TF002
Entries 8593200
TOF MULT
TOF tray

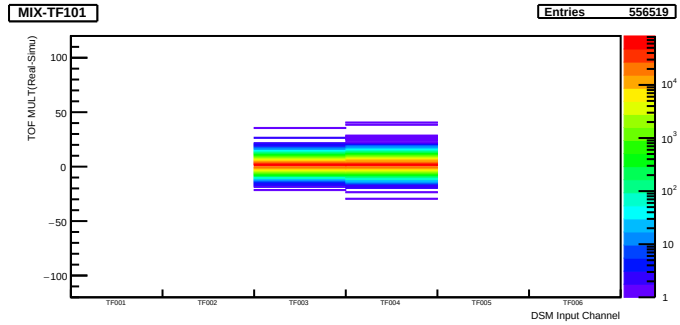

MIX-TF003
Entries 8593200
TOF MULT
TOF tray

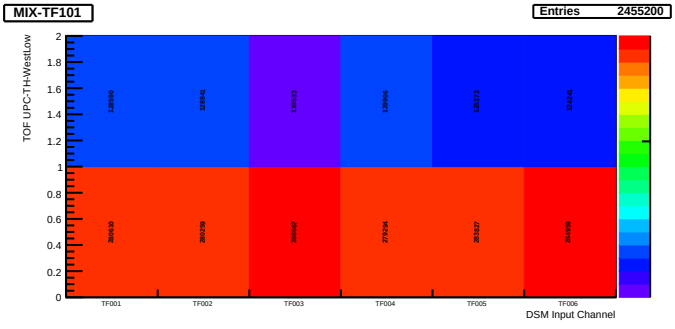

MIX-TF004
Entries 8593200
TOF MULT
TOF tray

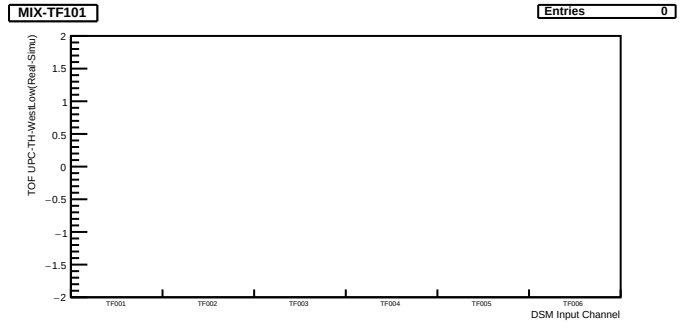

MIX-TF005
Entries 8593200
TOF MULT
TOF tray

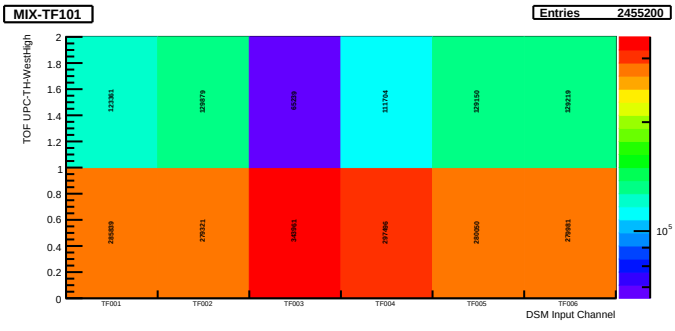

MIX-TF006
Entries 8593200
TOF MULT
TOF tray

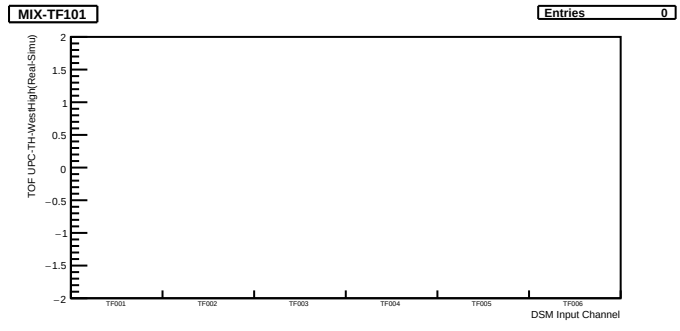

MIX-TF101
Entries 2455200
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

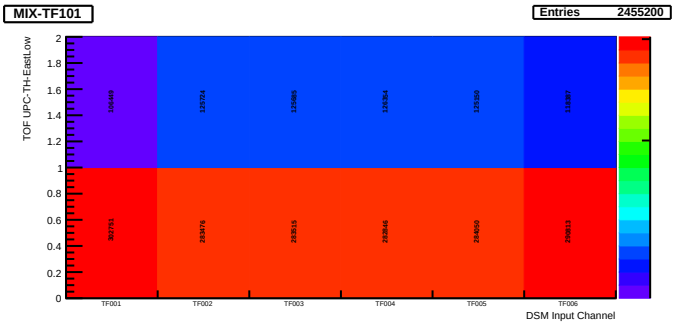

MIX-TF101
Entries 556519
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

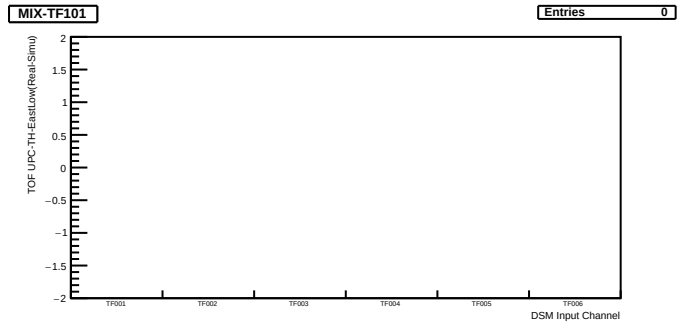

MIX-TF101
Entries 2455200
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

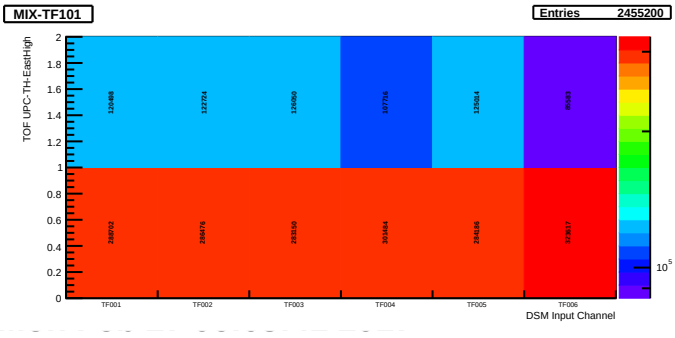

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

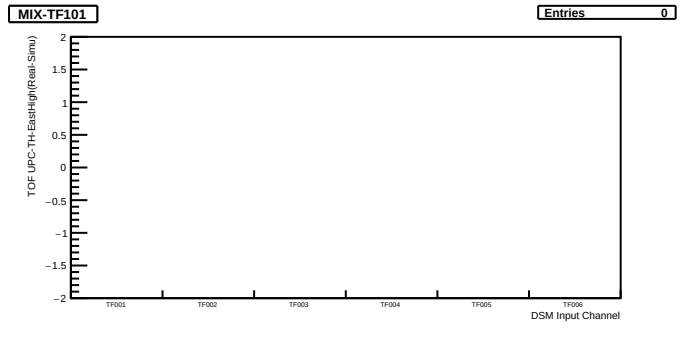

MIX-TF101
Entries 2455200
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

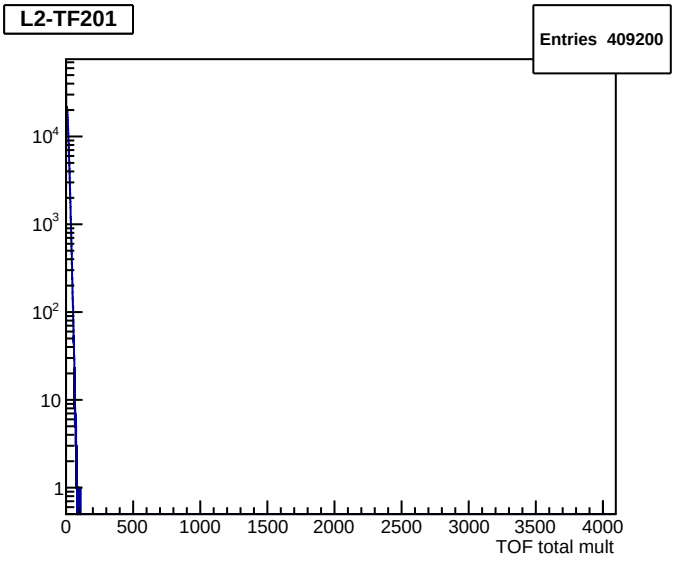

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

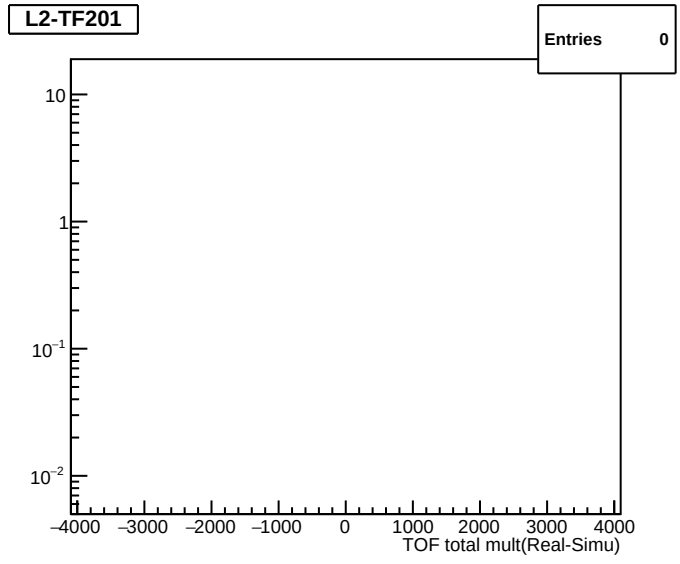

MIX-TF101
Entries 2455200
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

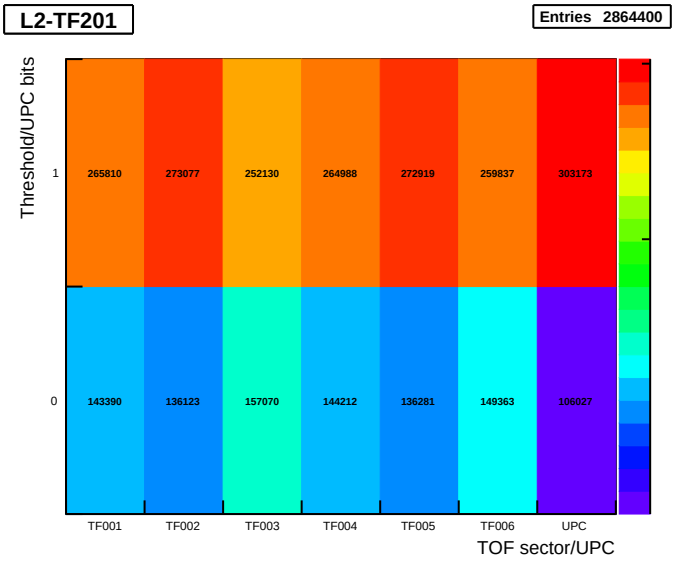

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

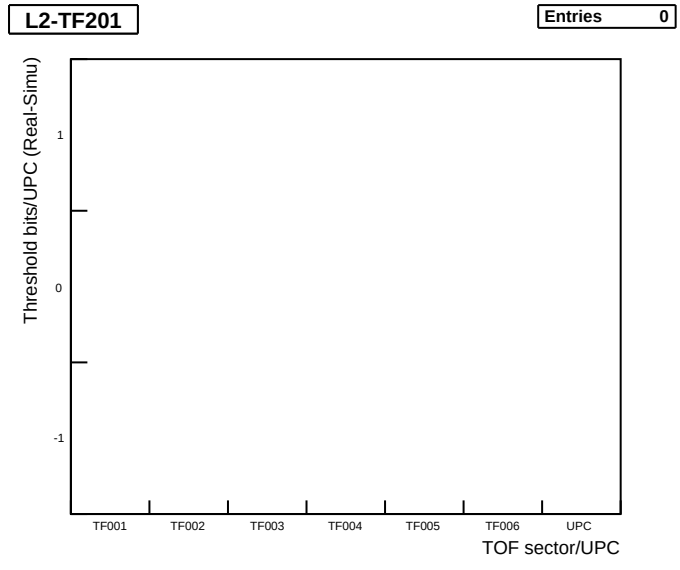

MIX-TF101
Entries 2455200
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

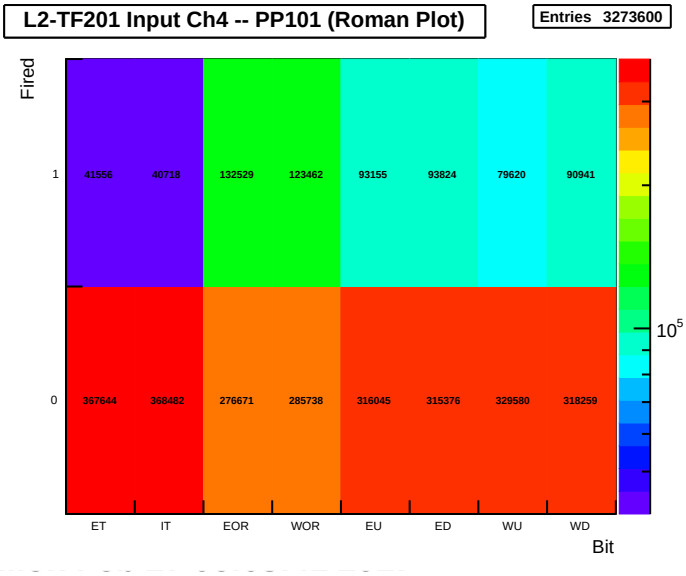

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

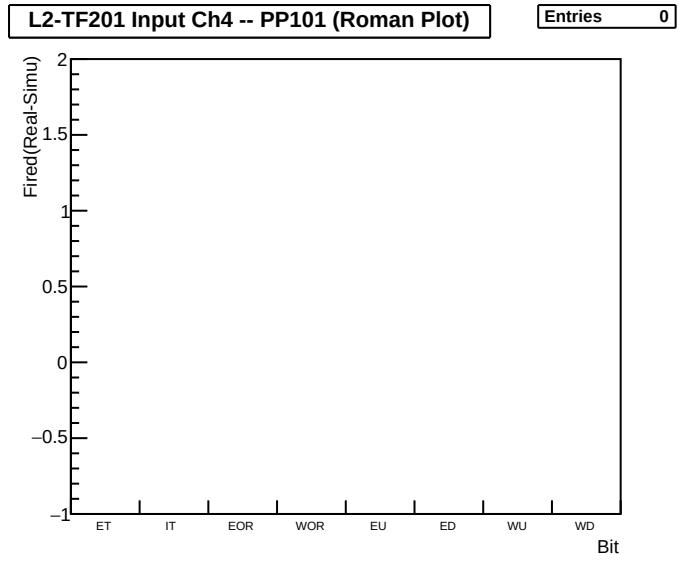

L2-TF201
Entries 409200
TOF total mult

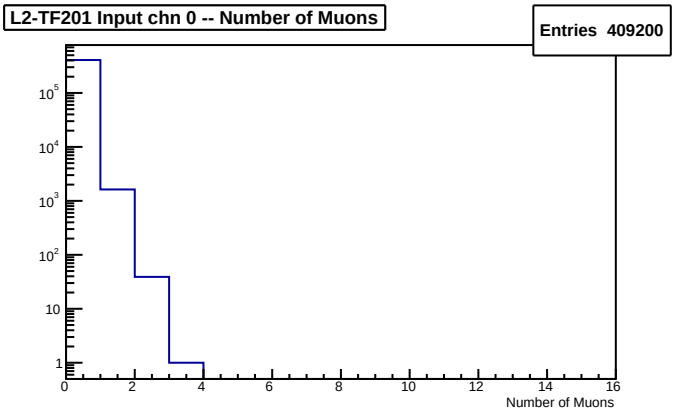

L2-TF201
Entries 0
TOF total mult(Real-Simu)

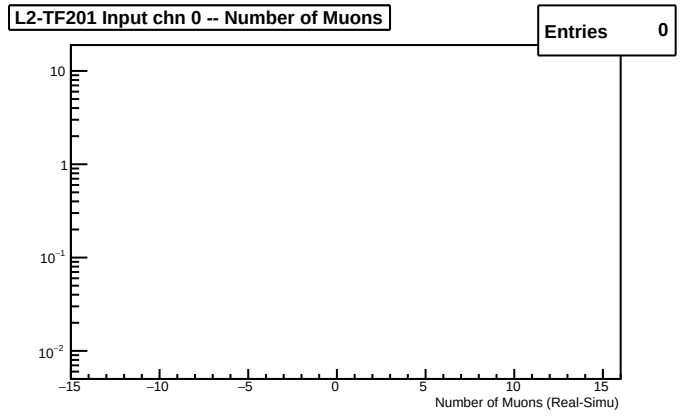

L2-TF201
Entries 2864400
Threshold/UPC bits
265810
273077
252130
264988
272919
259837
303173
143390
136123
157070
144212
136281
149363
106027
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

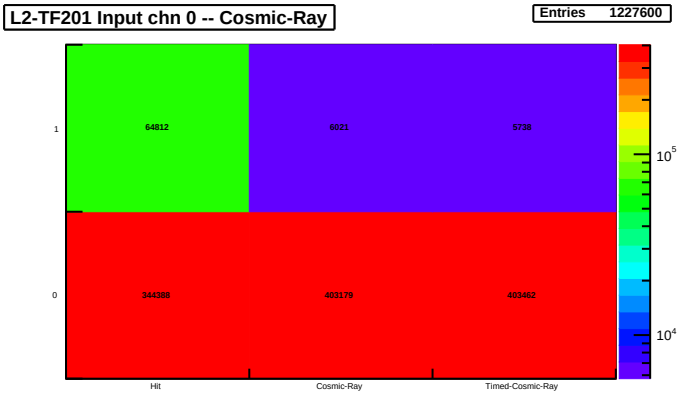

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

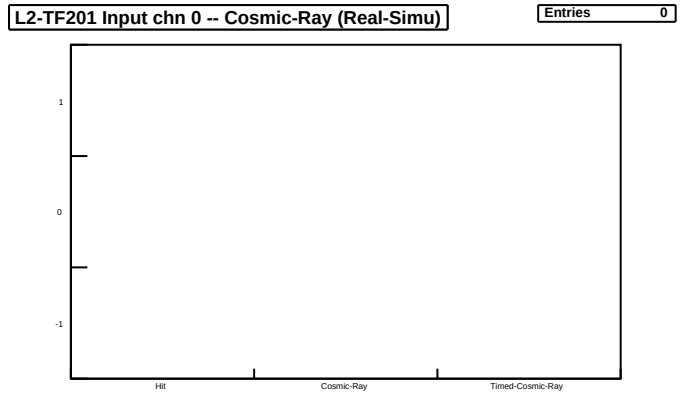

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3273600
Fired
41556
40718
132529
123462
93155
93824
79620
90941
367644
368482
276671
285738
316045
315376
329580
318259
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

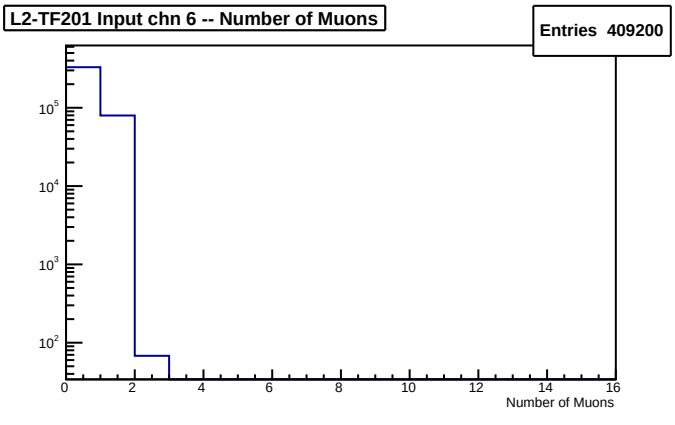

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

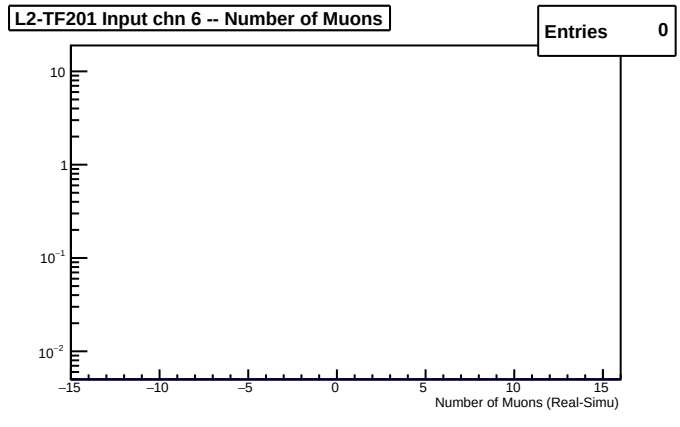

L2-TF201 Input chn 0 -- Number of Muons
Entries 409200
Number of Muons

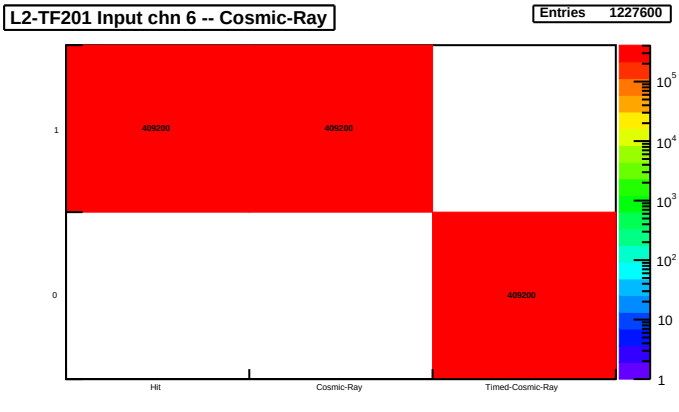

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

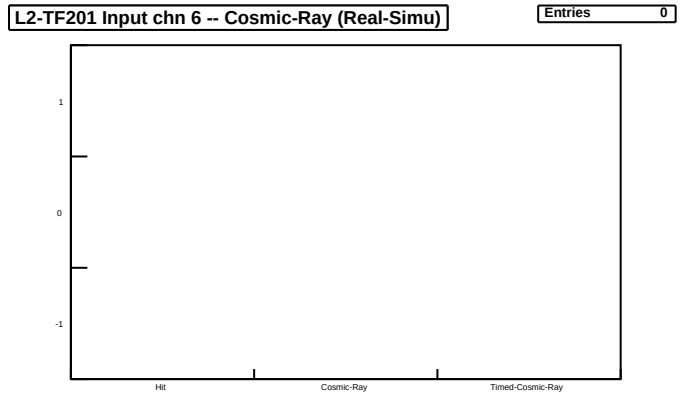

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1227600
64812
6021
5738
344388
403179
403462
Hit
Cosmic-Ray
Timed-Cosmic-Ray

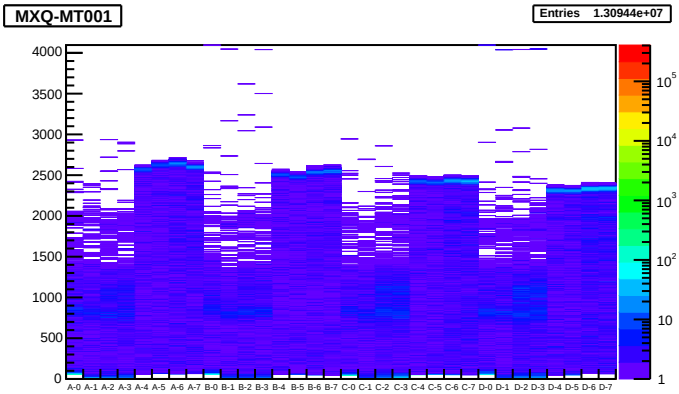

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

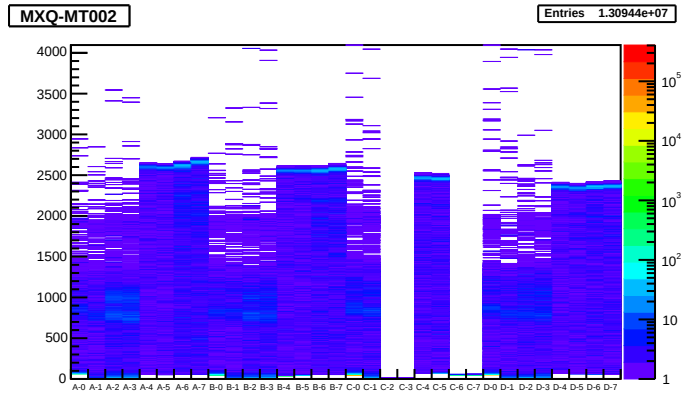

L2-TF201 Input chn 6 -- Number of Muons
Entries 409200
Number of Muons

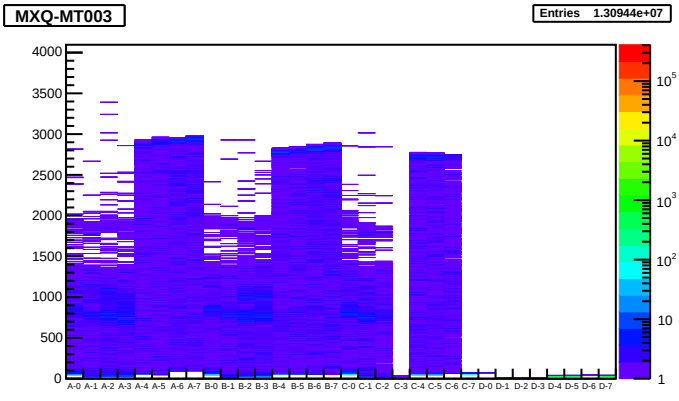

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

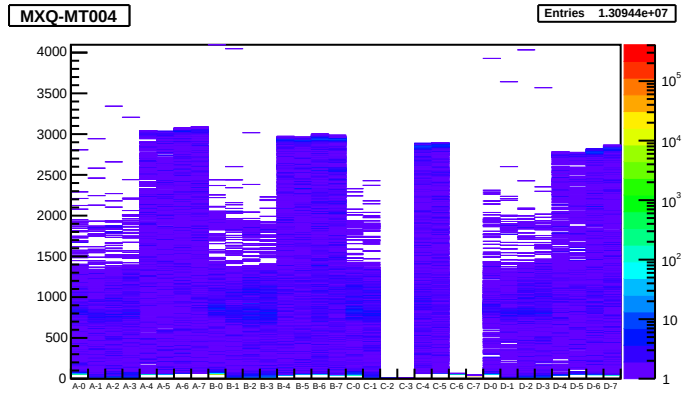

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1227600
409200
409200
409200
Hit
Cosmic-Ray
Timed-Cosmic-Ray

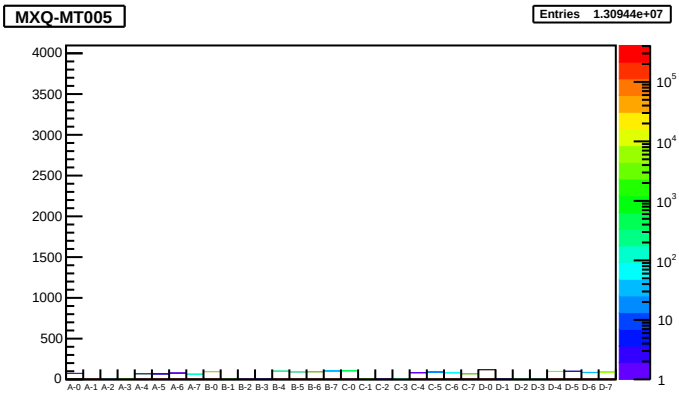

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

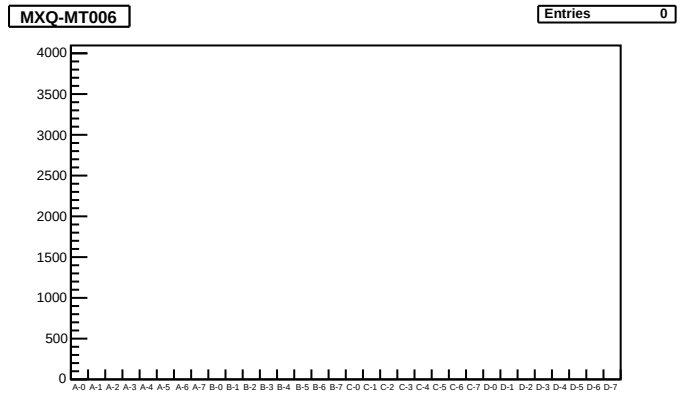

MXQ-MT001
Entries 1.30944e+07

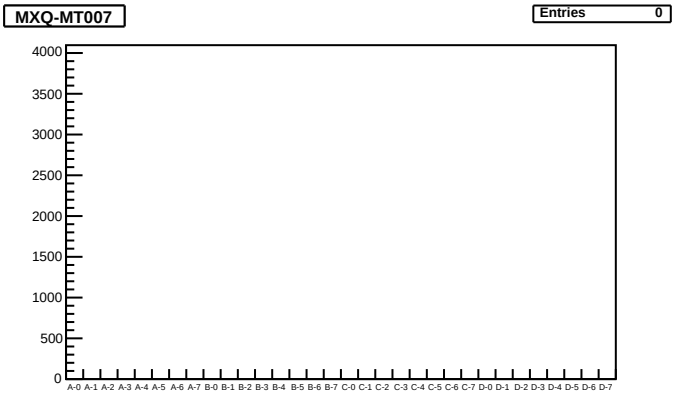

MXQ-MT002
Entries 1.30944e+07

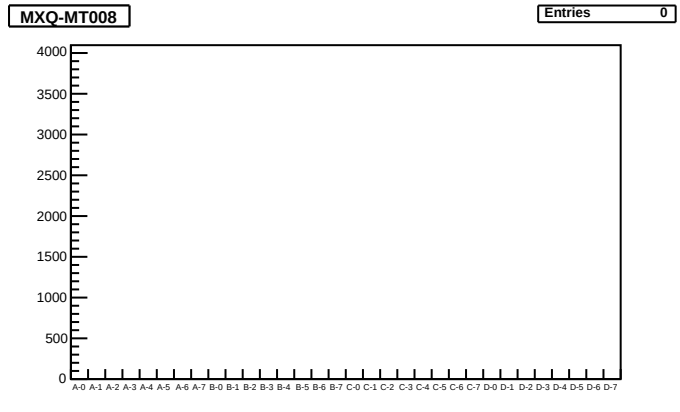

MXQ-MT003
Entries 1.30944e+07

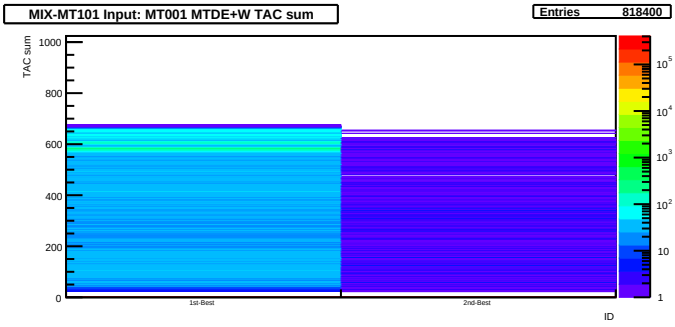

MXQ-MT004
Entries 1.30944e+07

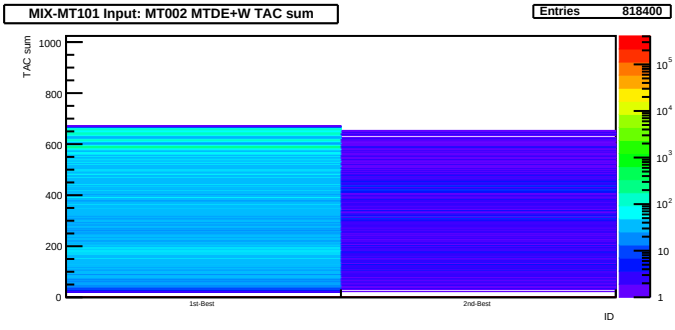

MXQ-MT005
Entries 1.30944e+07

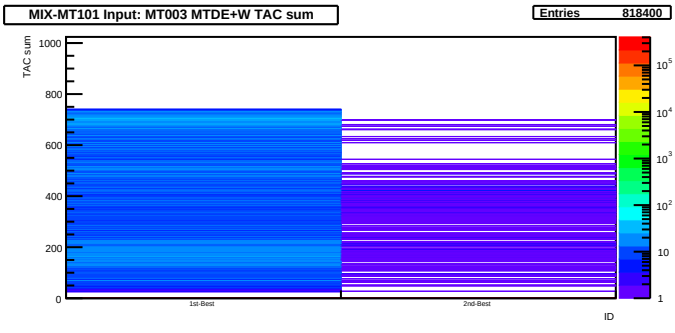

MXQ-MT006
Entries 0

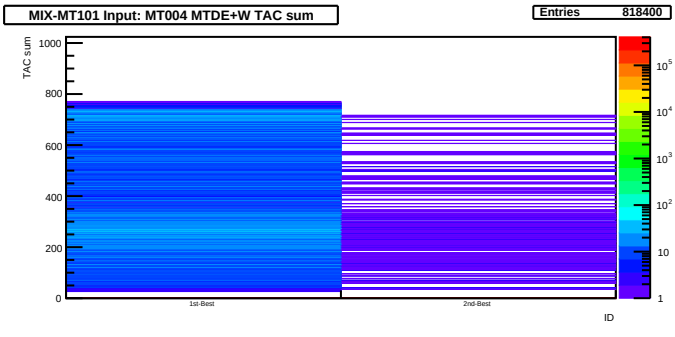

MXQ-MT007
Entries 0

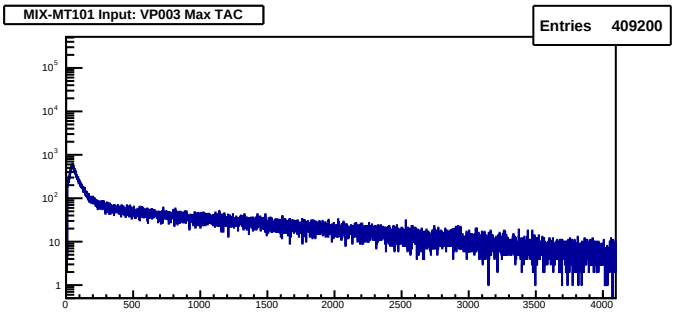

MXQ-MT008
Entries 0

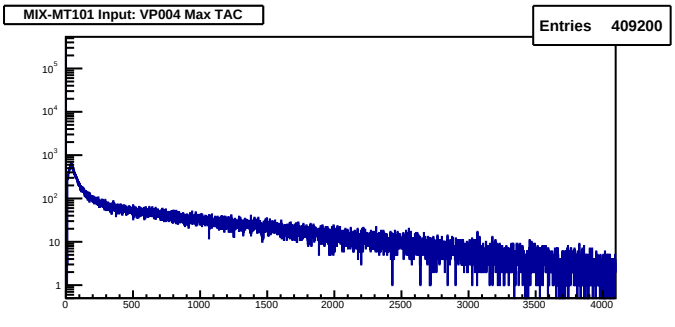

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 818400
TAC sum
1st-Best
2nd-Best
ID

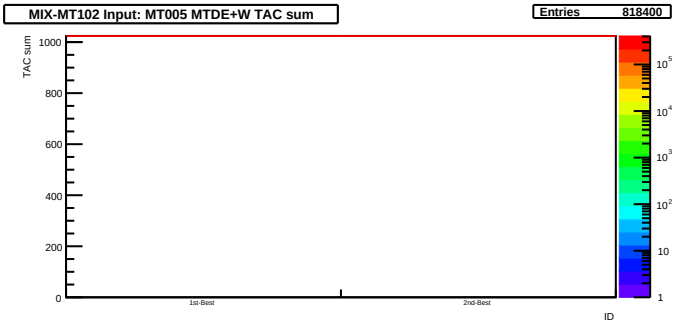

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 818400
TAC sum
1st-Best
2nd-Best
ID

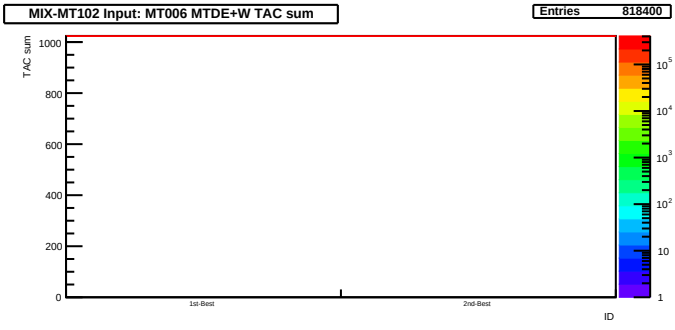

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 818400
TAC sum
1st-Best
2nd-Best
ID

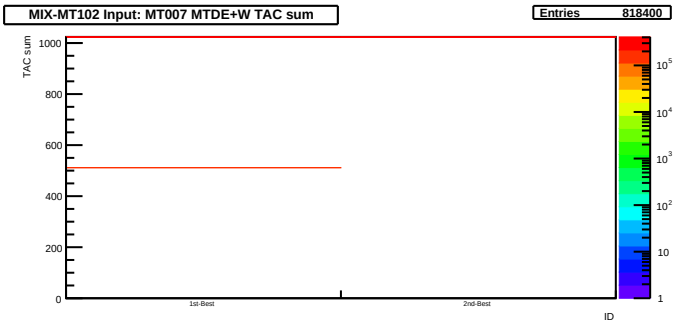

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 818400
TAC sum
1st-Best
2nd-Best
ID

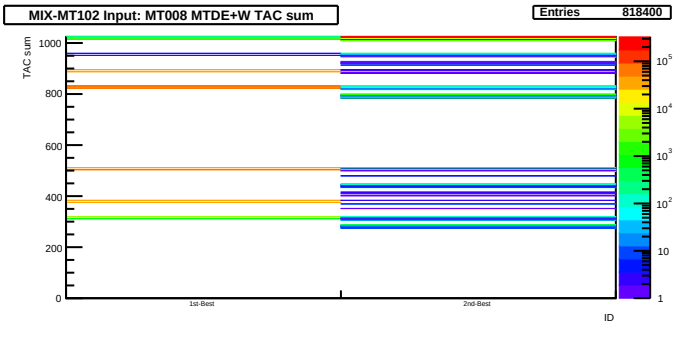

MIX-MT101 Input: VP003 Max TAC
Entries 409200

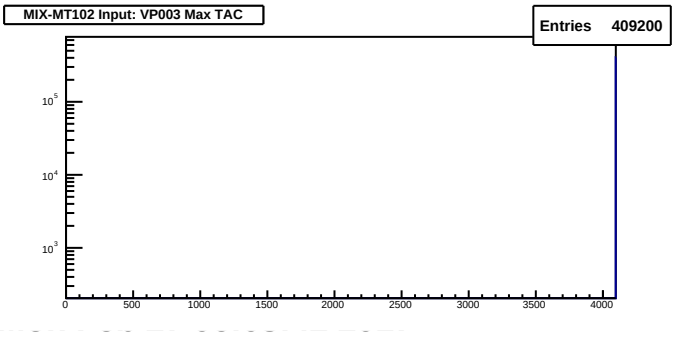

MIX-MT101 Input: VP004 Max TAC
Entries 409200

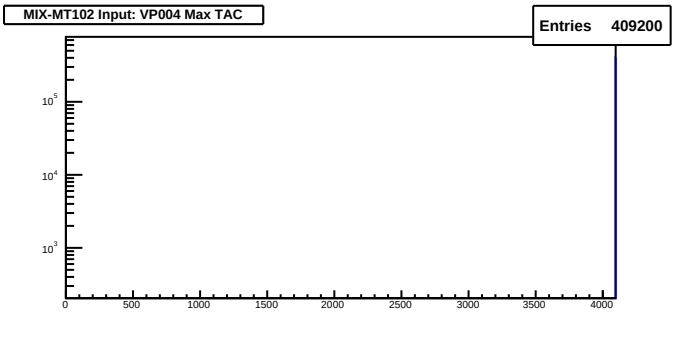

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 818400
TAC sum
1st-Best
2nd-Best
ID

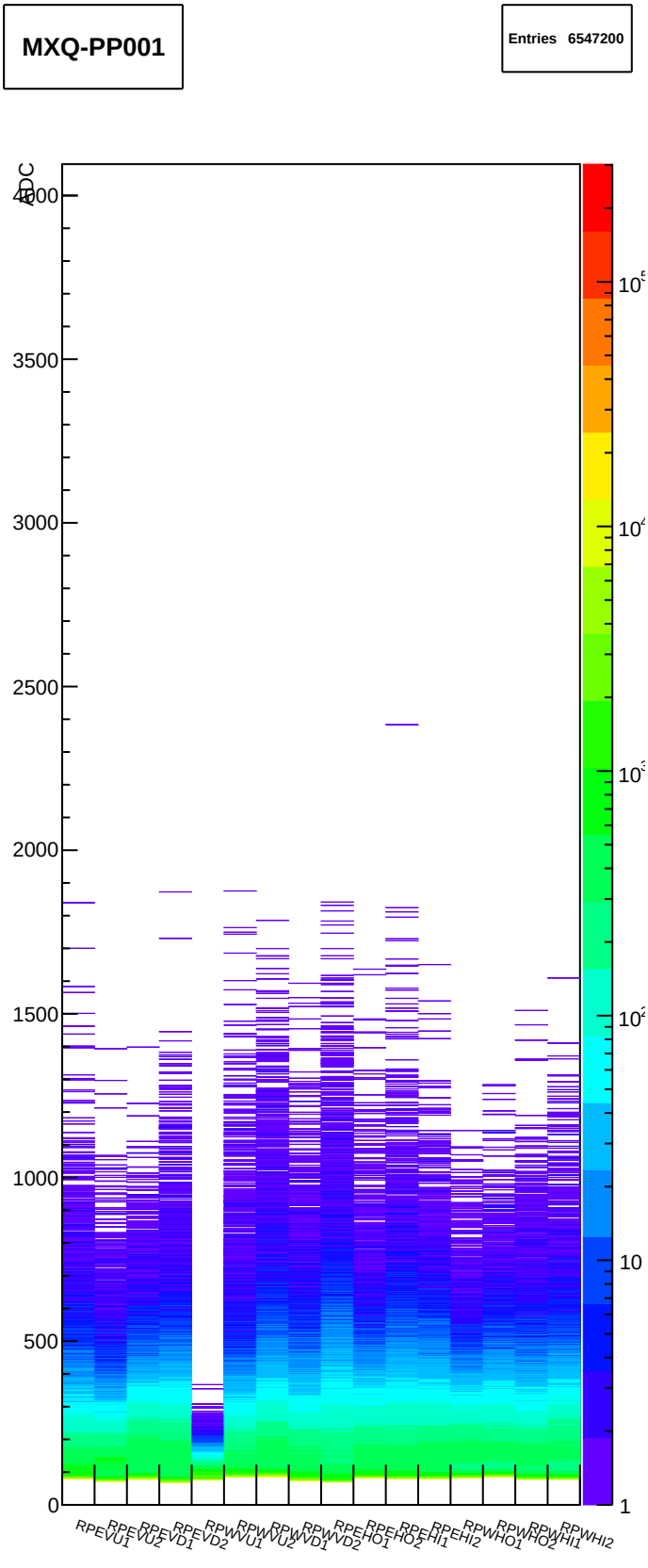

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 818400
TAC sum
1st-Best
2nd-Best
ID

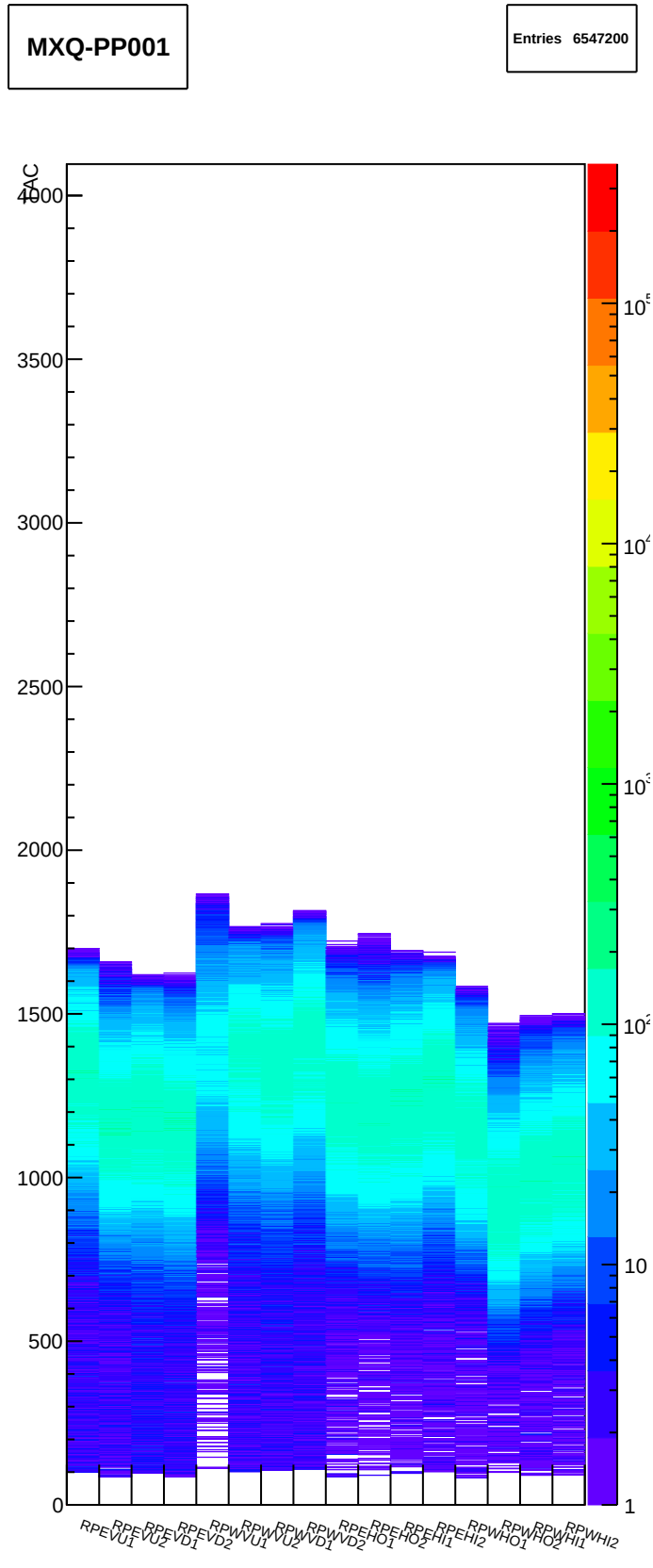

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 818400
TAC sum
1st-Best
2nd-Best
ID

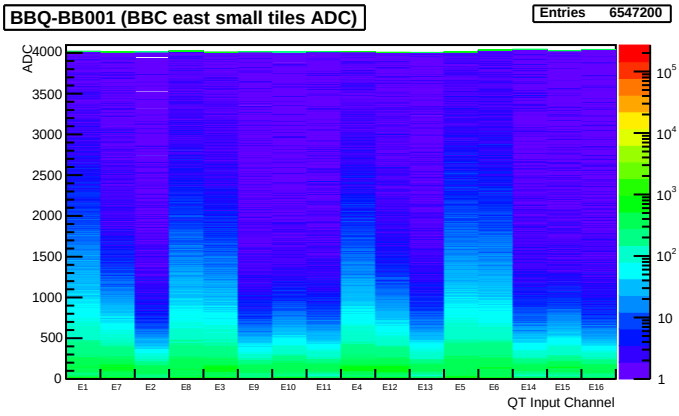

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 818400
TAC sum
1st-Best
2nd-Best
ID

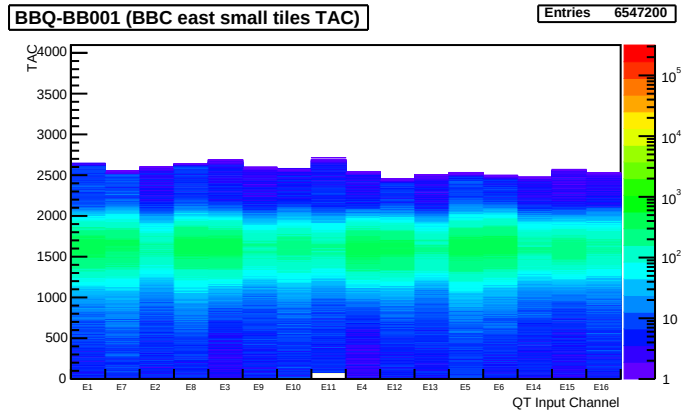

MIX-MT102 Input: VP003 Max TAC
Entries 409200

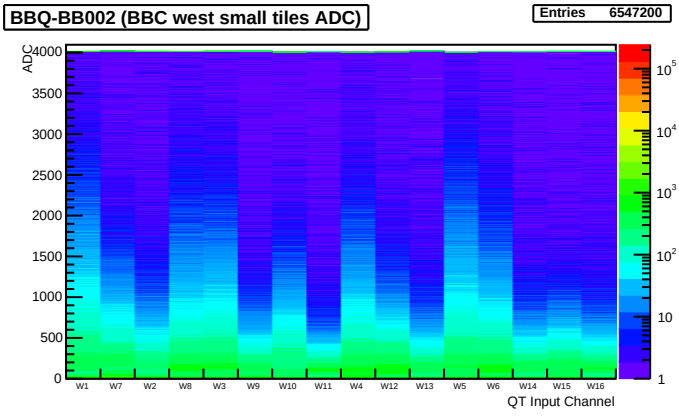

MIX-MT102 Input: VP004 Max TAC
Entries 409200

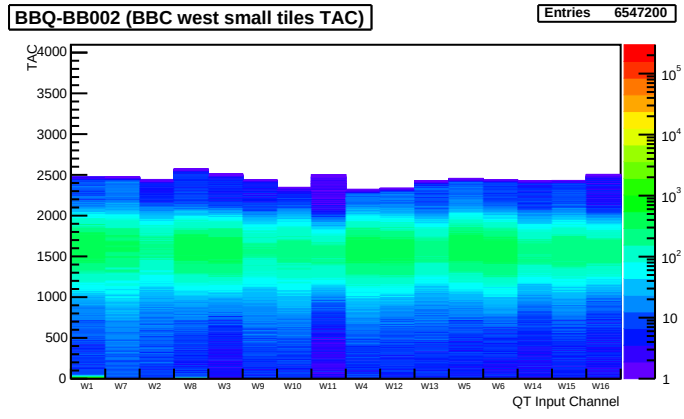

MXQ-PP001
Entries 6547200
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

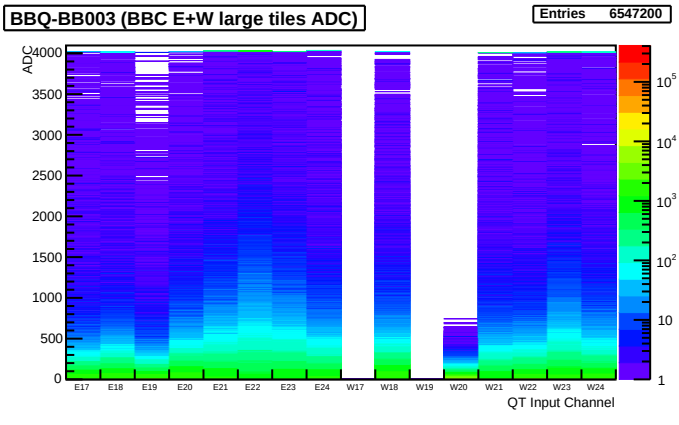

MXQ-PP001
Entries 6547200
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

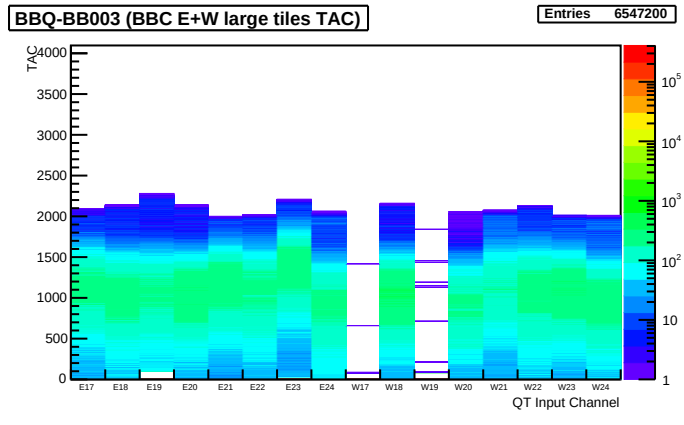

BBQ-BB001 (BBC east small tiles ADC)
Entries 6547200
ADC
QT Input Channel

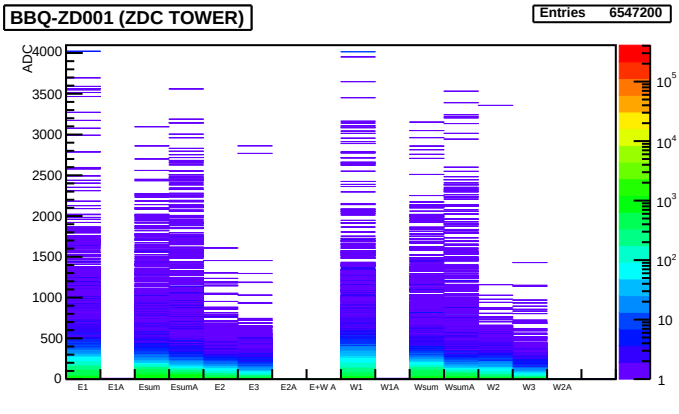

BBQ-BB001 (BBC east small tiles TAC)
Entries 6547200
TAC
QT Input Channel

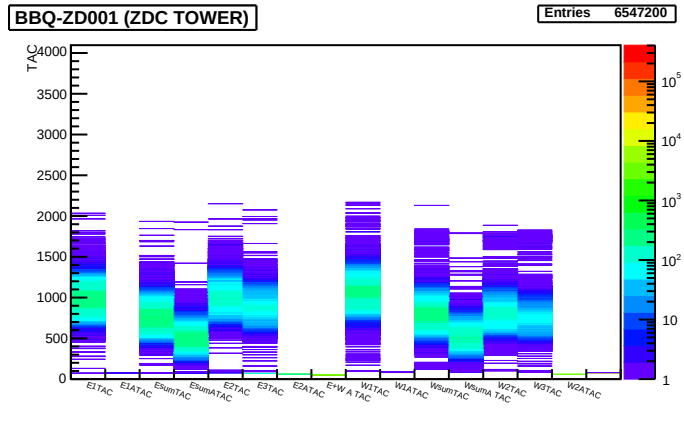

BBQ-BB002 (BBC west small tiles ADC)
Entries 6547200
ADC
QT Input Channel

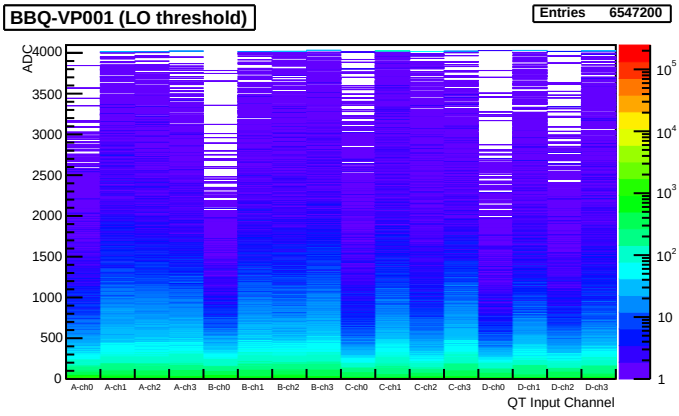

BBQ-BB002 (BBC west small tiles TAC)
Entries 6547200
TAC
QT Input Channel

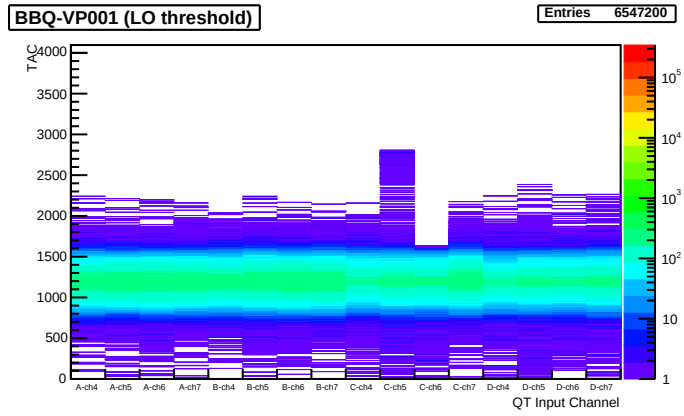

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 6547200
ADC
QT Input Channel

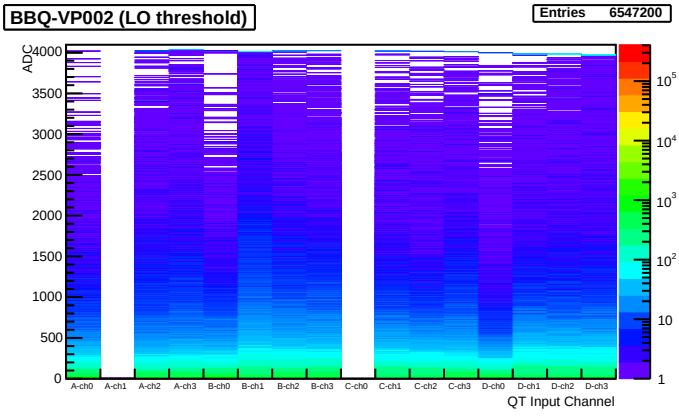

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 6547200
TAC
QT Input Channel

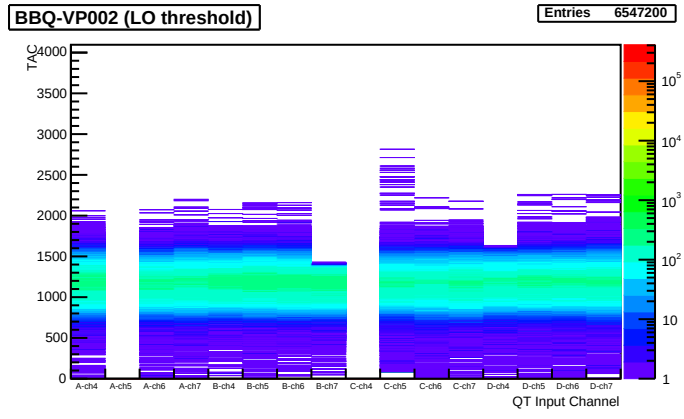

BBQ-ZD001 (ZDC TOWER)
Entries 6547200
ADC

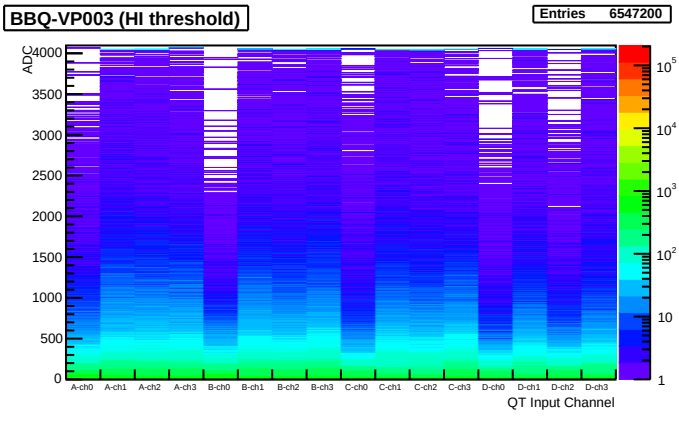

BBQ-ZD001 (ZDC TOWER)
Entries 6547200
TAC

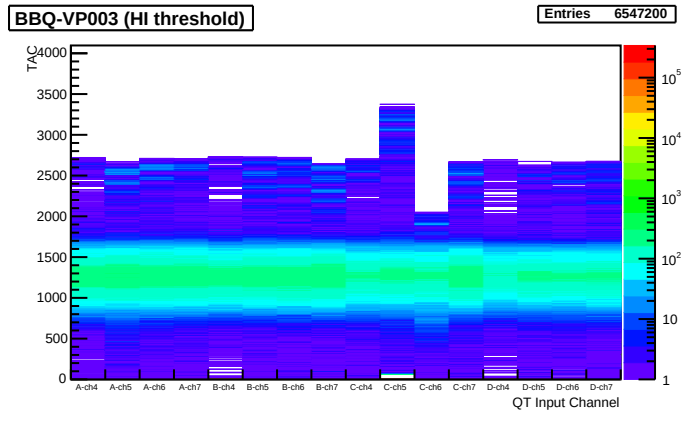

BBQ-VP001 (LO threshold)
Entries 6547200
ADC
QT Input Channel

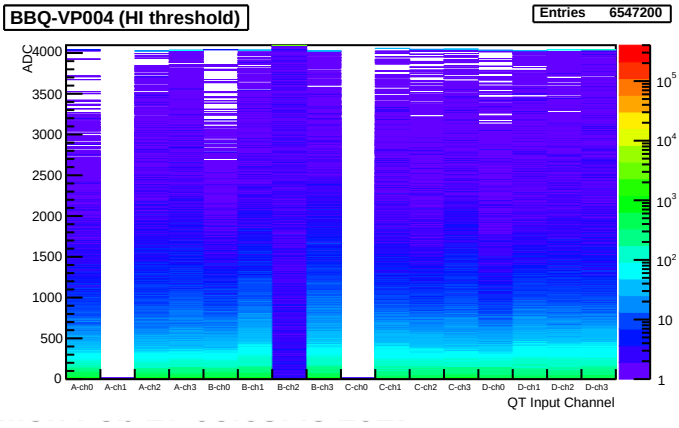

BBQ-VP001 (LO threshold)
Entries 6547200
TAC
QT Input Channel

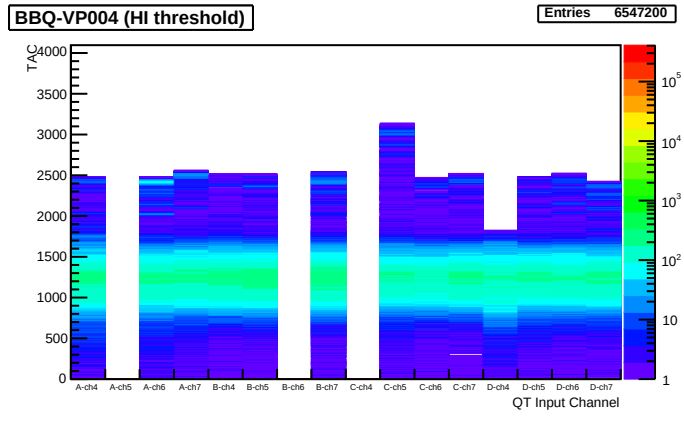

BBQ-VP002 (LO threshold)
Entries 6547200
ADC
QT Input Channel

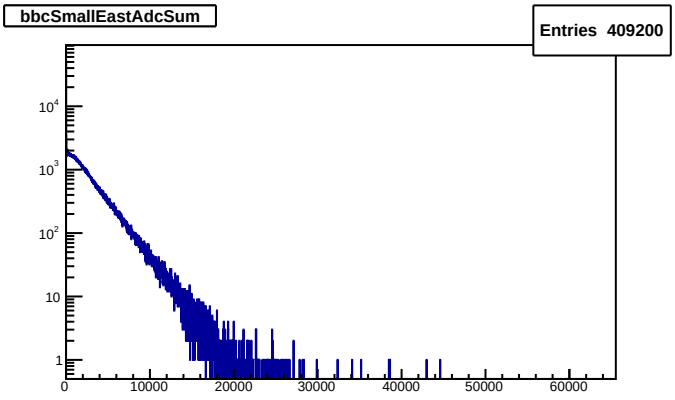

BBQ-VP002 (LO threshold)
Entries 6547200
TAC
QT Input Channel

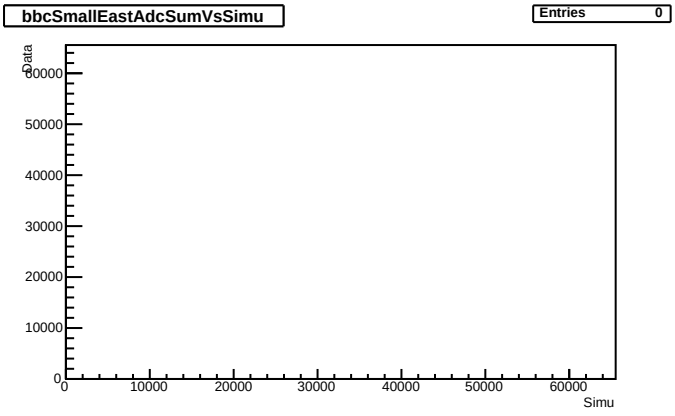

BBQ-VP003 (HI threshold)
Entries 6547200
ADC
QT Input Channel

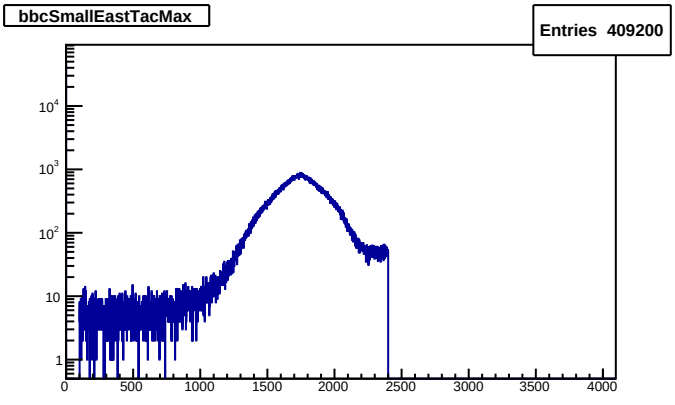

BBQ-VP003 (HI threshold)
Entries 6547200
TAC
QT Input Channel

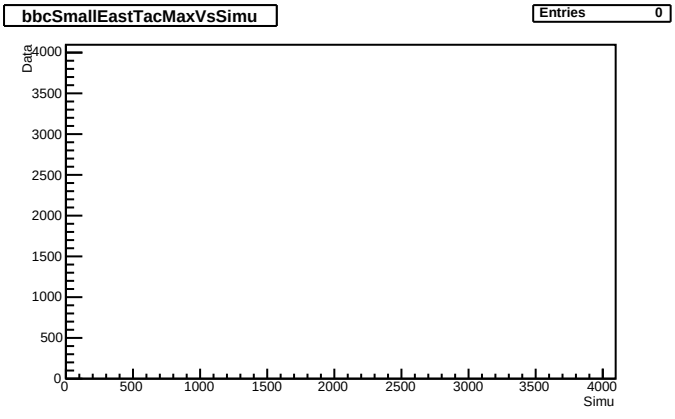

BBQ-VP004 (HI threshold)
Entries 6547200
ADC
QT Input Channel

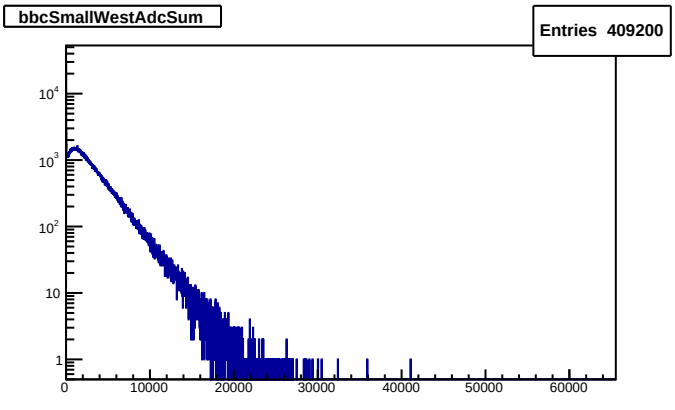

BBQ-VP004 (HI threshold)
Entries 6547200
TAC
QT Input Channel

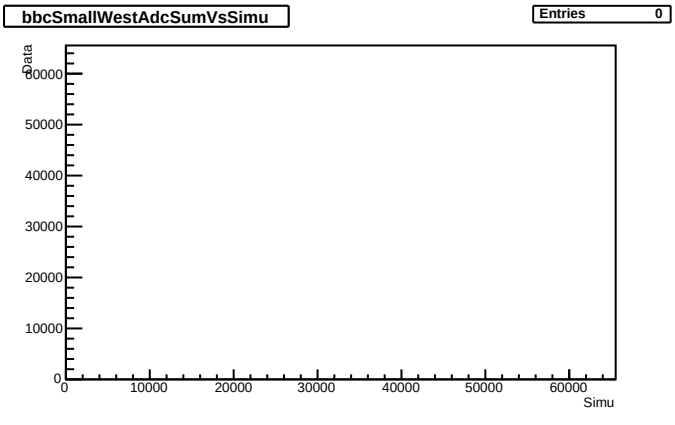

bbcSmallEastAdcSum
Entries 409200

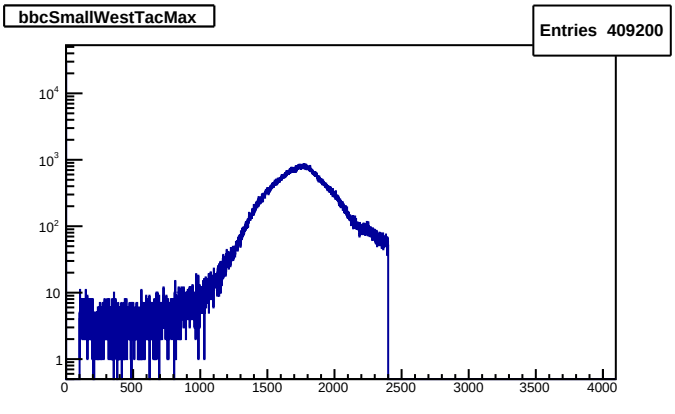

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

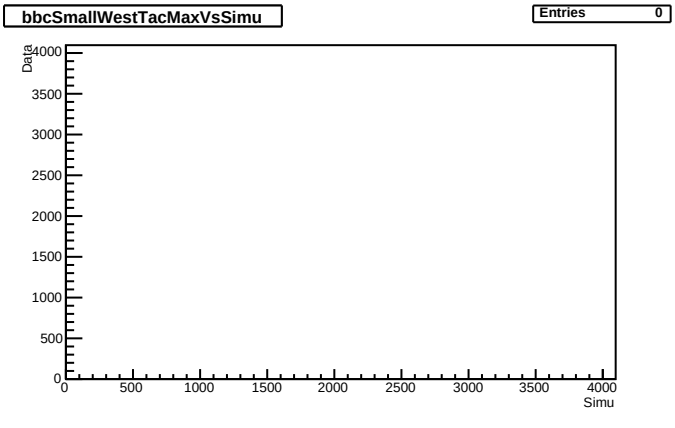

bbcSmallEastTacMax
Entries 409200

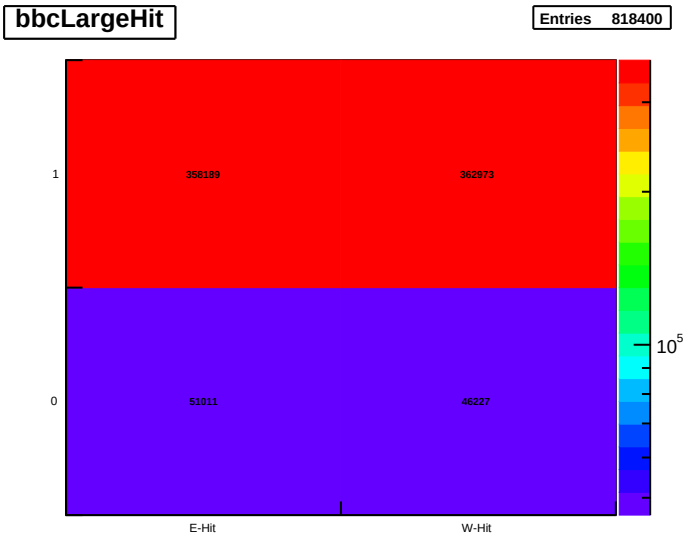

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

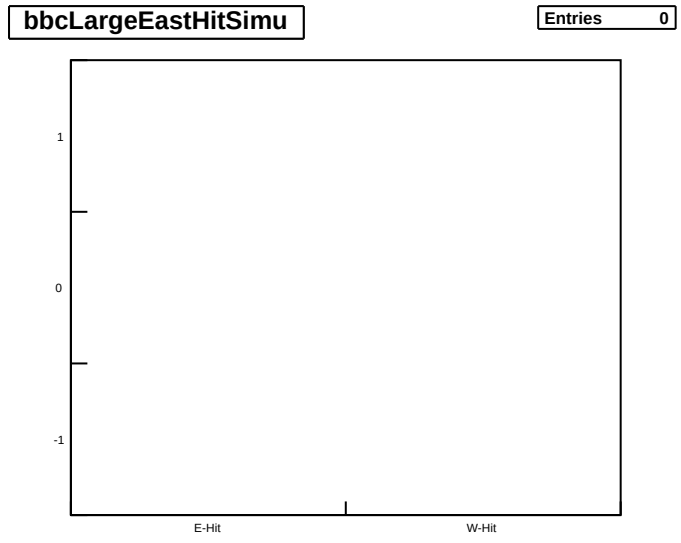

bbcSmallWestAdcSum
Entries 409200

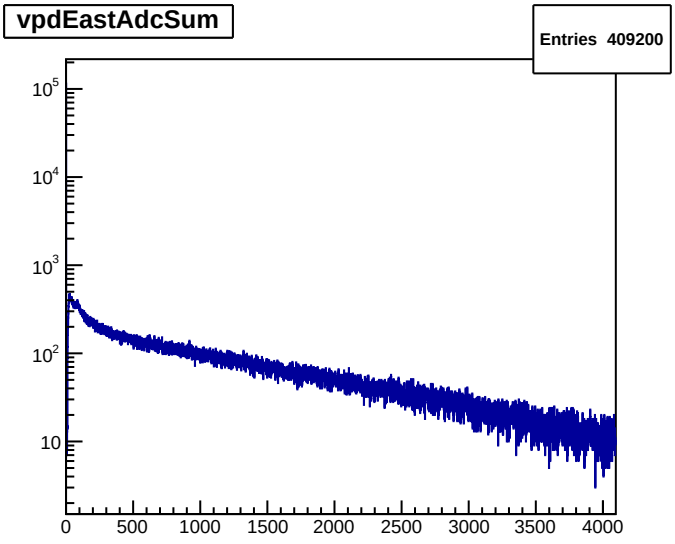

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

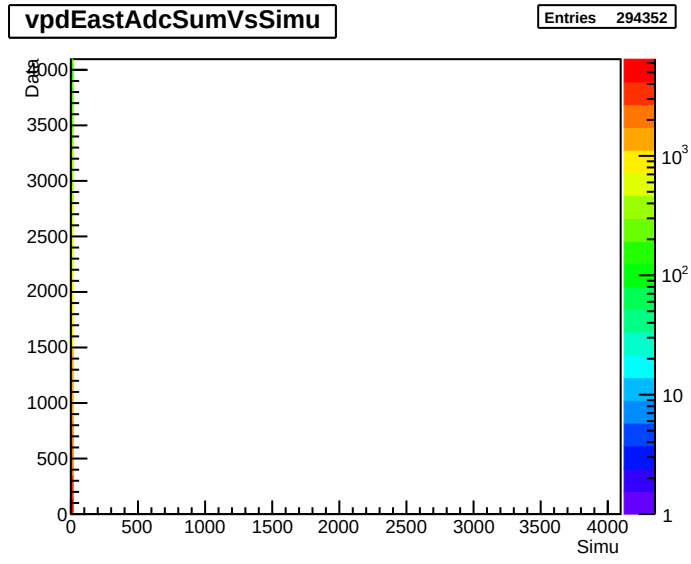

bbcSmallWestTacMax
Entries 409200

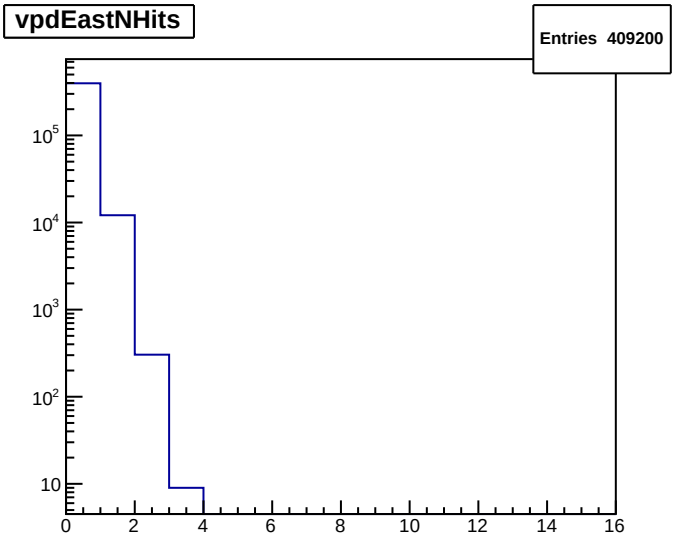

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

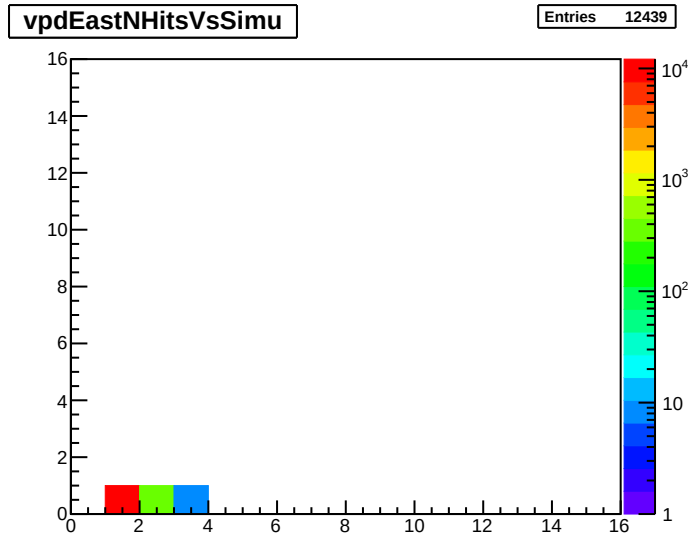

bbcLargeHit
Entries 818400
1
0
358189
362973
51011
46227
10^5
E-Hit
W-Hit

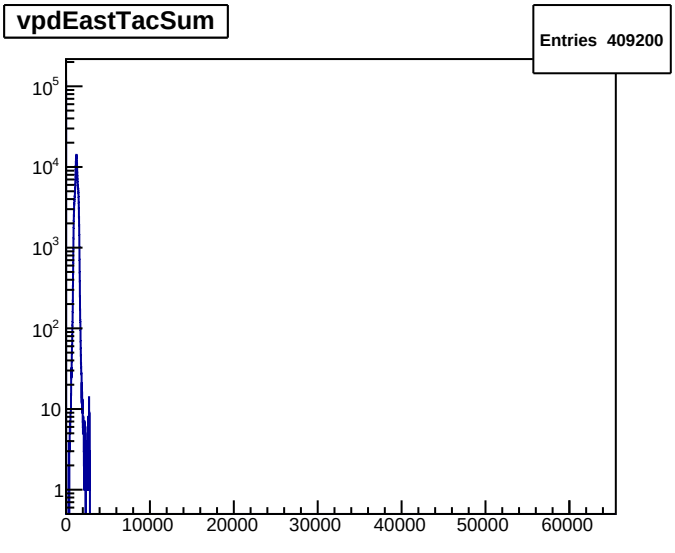

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

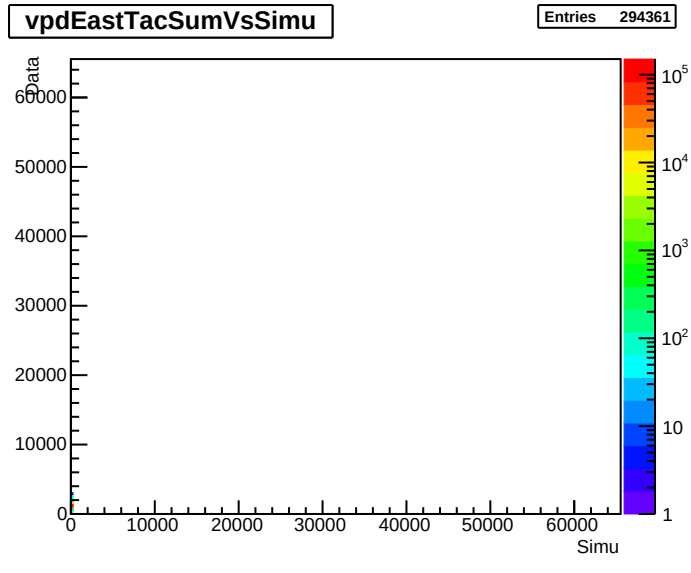

vpdEastAdcSum
Entries 409200

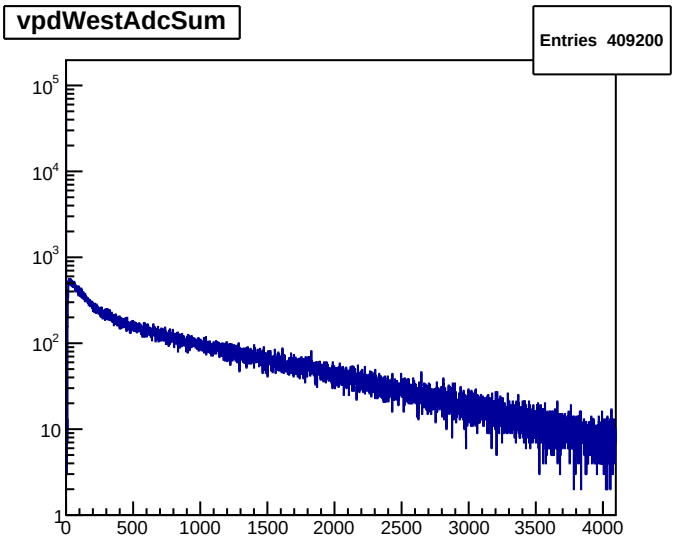

vpdEastAdcSumVsSimu
Entries 294352
Data
Simu

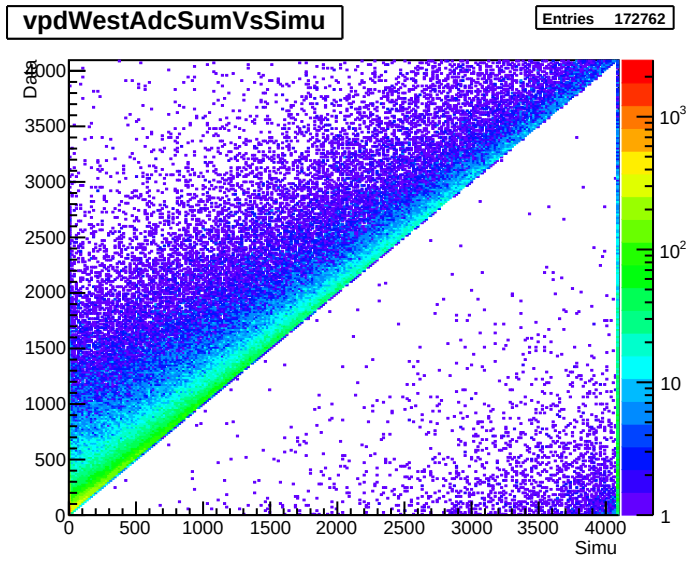

vpdEastNHits
Entries 409200

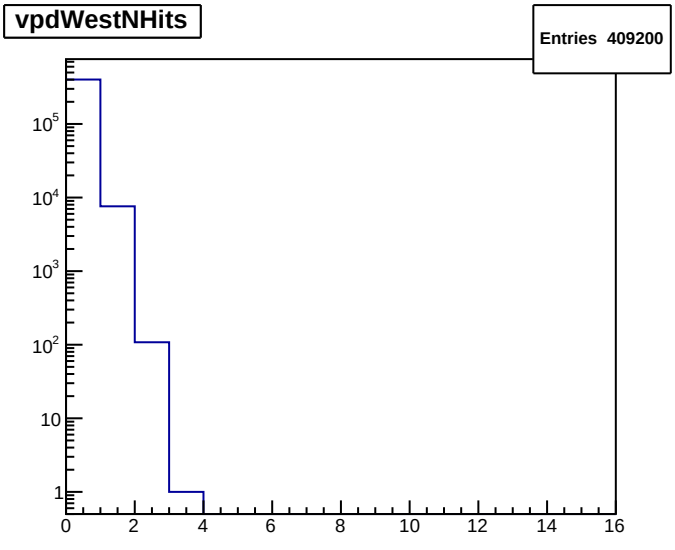

vpdEastNHitsVsSimu
Entries 12439

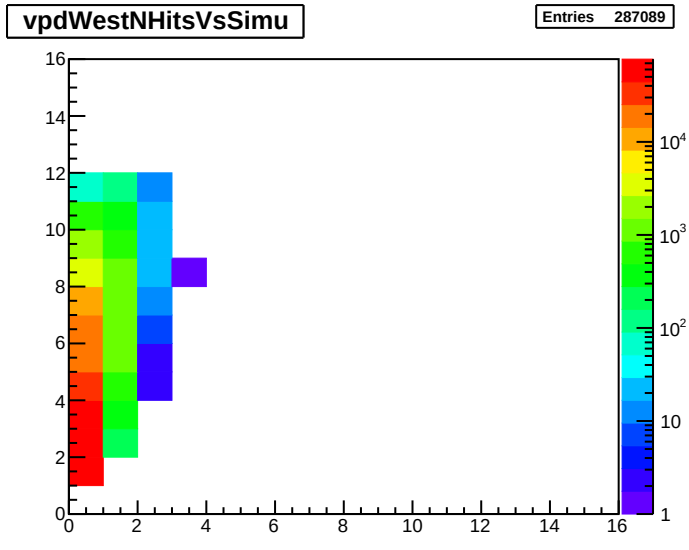

vpdEastTacSum
Entries 409200

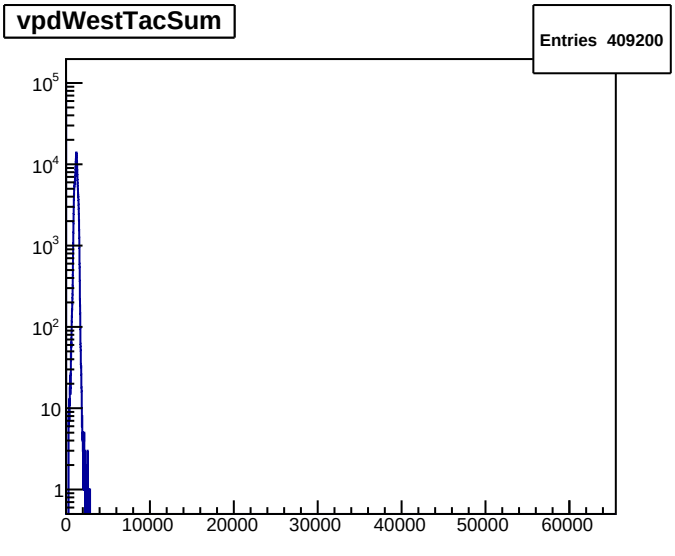

vpdEastTacSumVsSimu
Entries 294361
Data
Simu

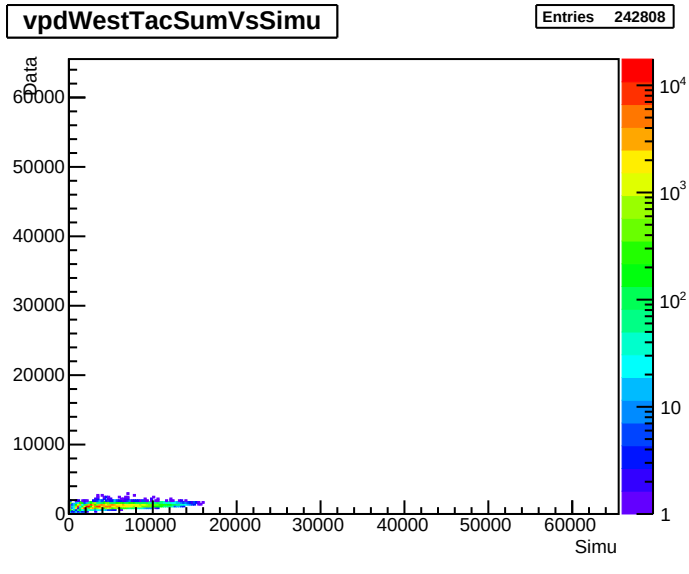

vpdWestAdcSum
Entries 409200

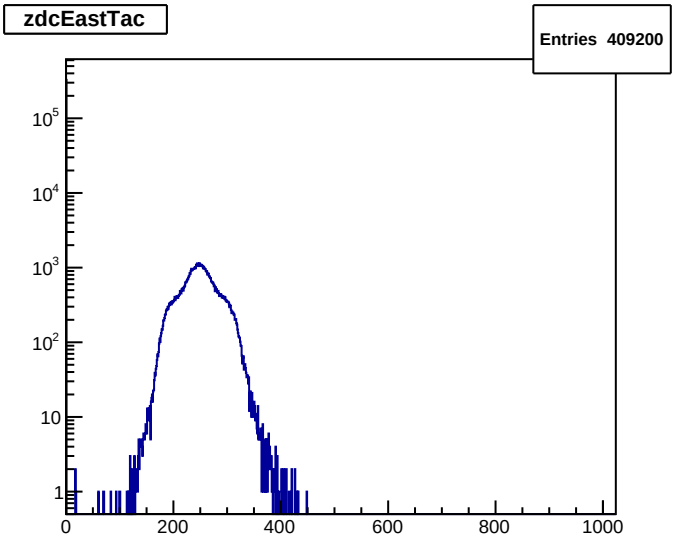

vpdWestAdcSumVsSimu
Entries 172762
Data
Simu

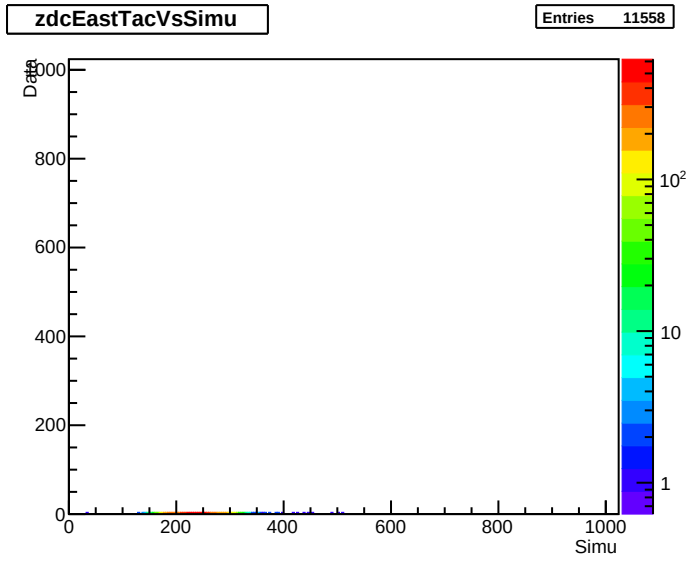

vpdWestNHits
Entries 409200

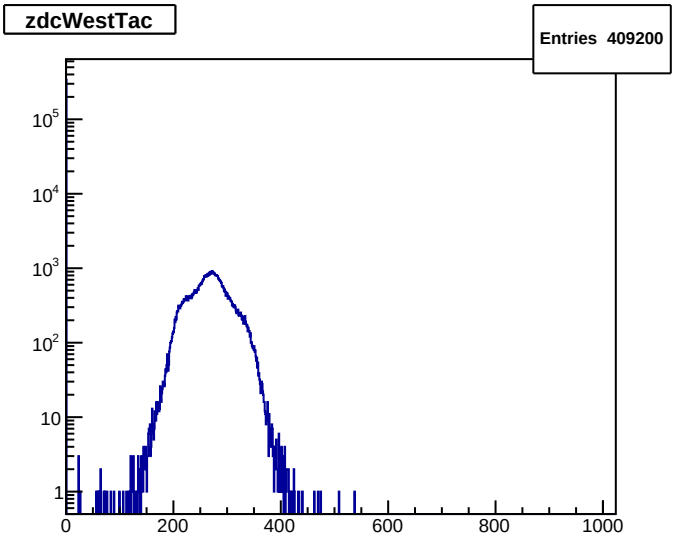

vpdWestNHitsVsSimu
Entries 287089

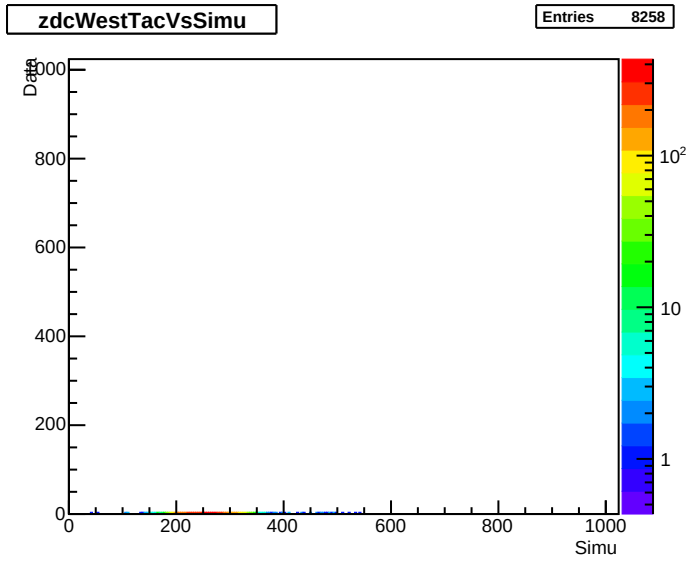

vpdWestTacSum
Entries 409200

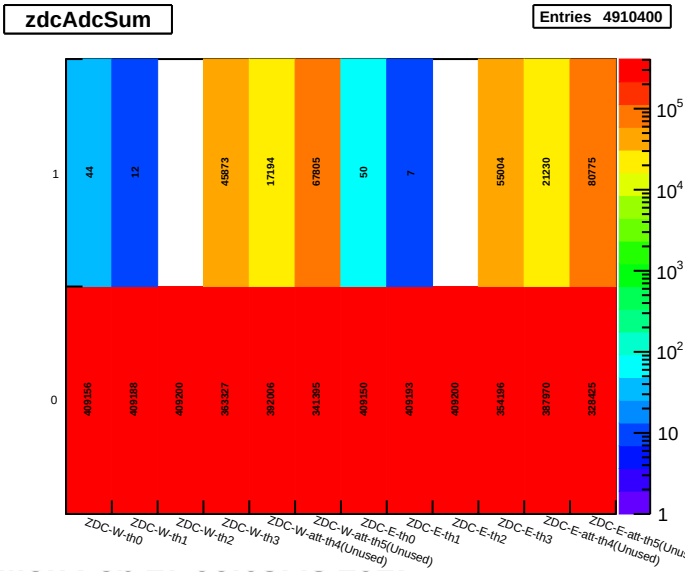

vpdWestTacSumVsSimu
Entries 242808
Data
Simu

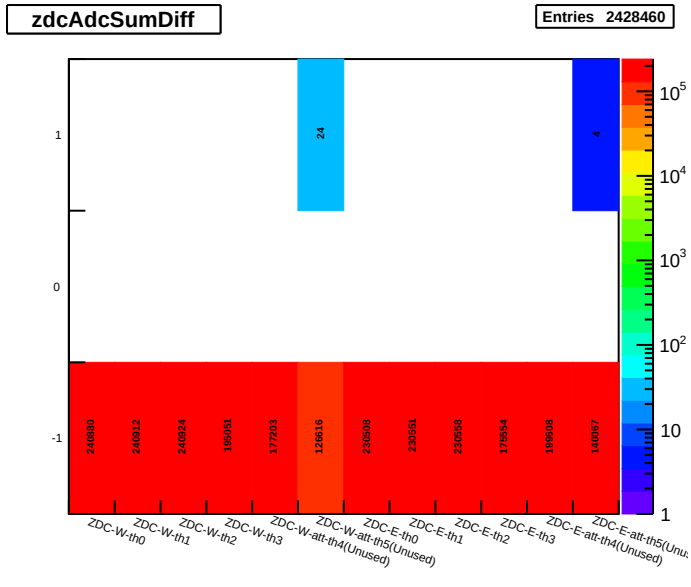

zdcEastTac
Entries 409200

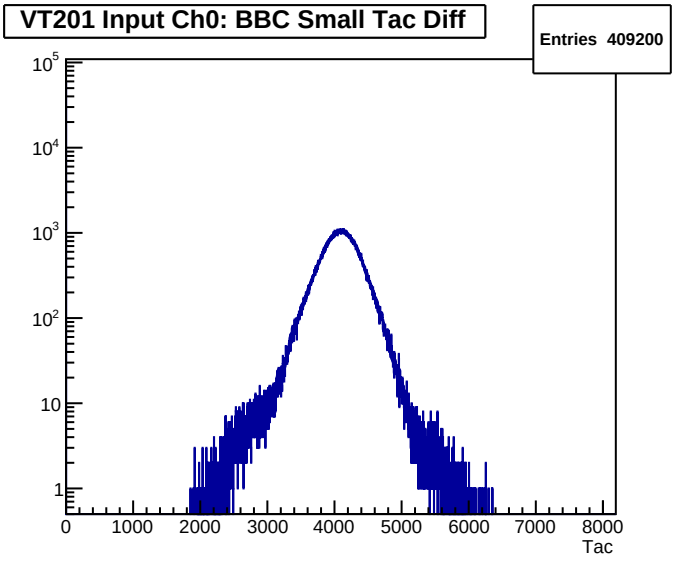

zdcEastTacVsSimu
Entries 11558
Data
Simu

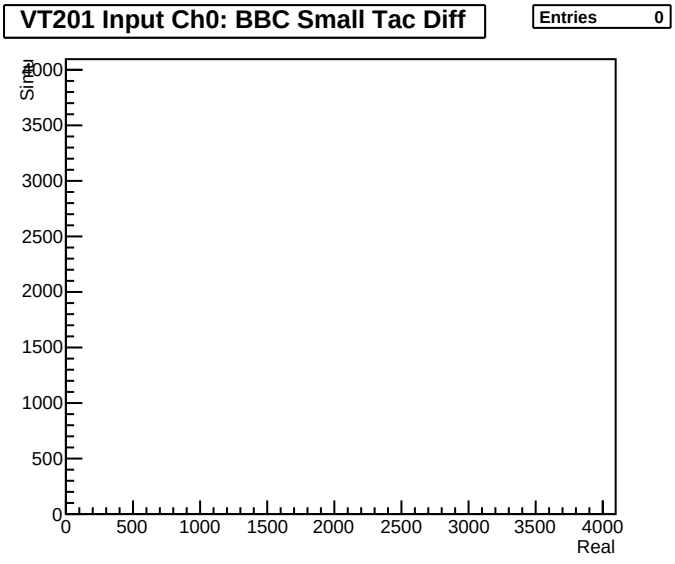

zdcWestTac
Entries 409200

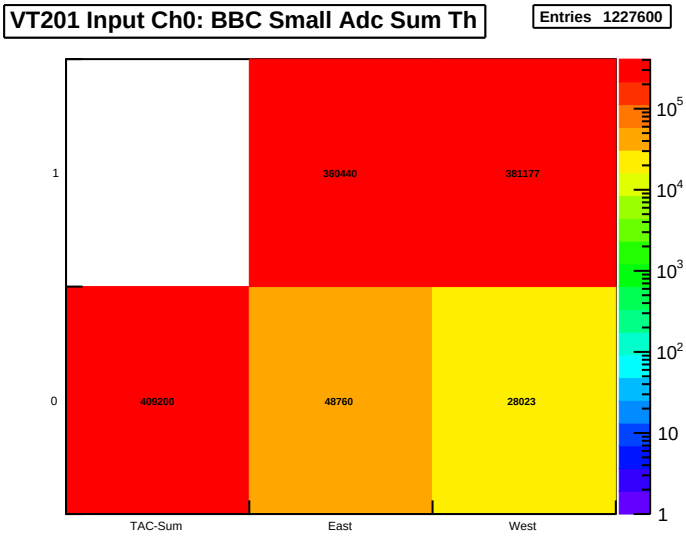

zdcWestTacVsSimu
Entries 8258
Data
Simu

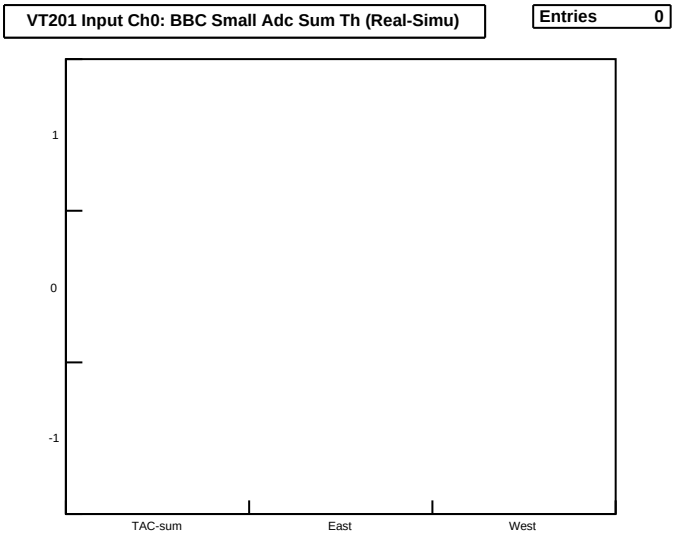

zdcAdcSum
Entries 4910400
44
12
45873
17194
67805
50
7
55004
21230
80775
409156
409188
409200
363227
392006
341395
409150
409193
409200
354196
387970
328425
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

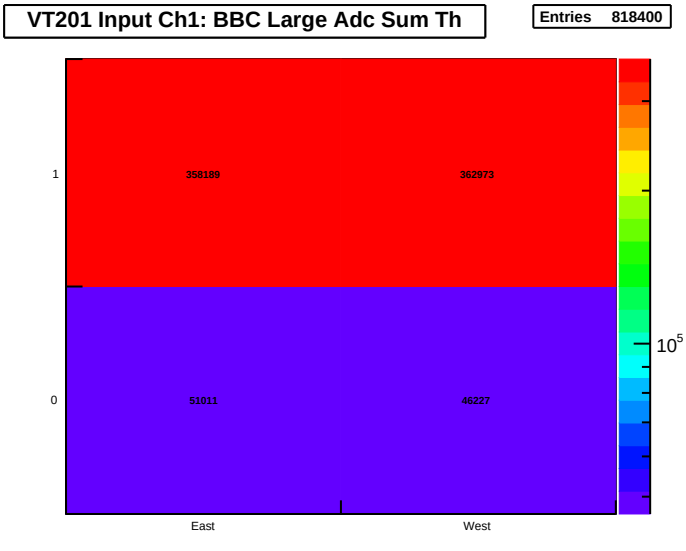

zdcAdcSumDiff
Entries 2428460
24
4
240880
240912
240924
195051
177203
126616
230508
230551
230558
175554
199608
140067
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

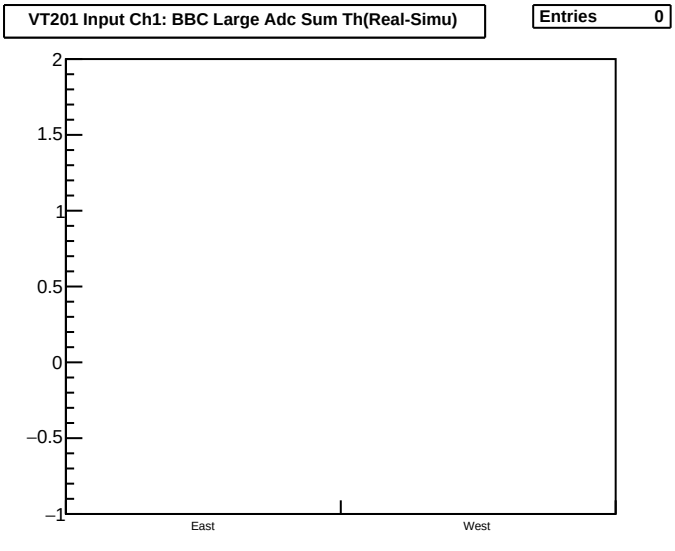

VT201 Input Ch0: BBC Small Tac Diff
Entries 409200
Tac


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

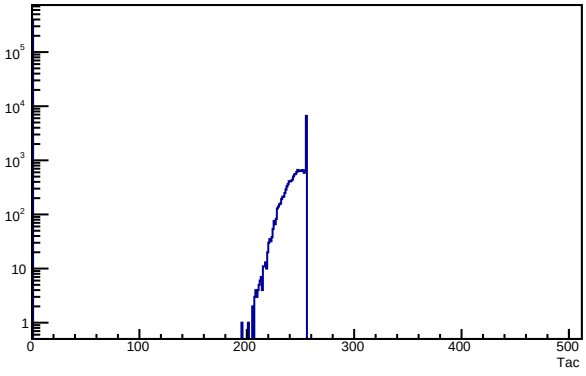

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1227600
360440
381177
409200
48760
28023
TAC-Sum
East
West


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

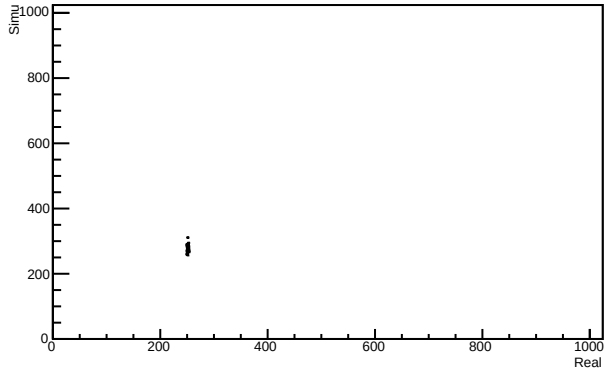

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 818400
358189
362973
51011
46227
East
West


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

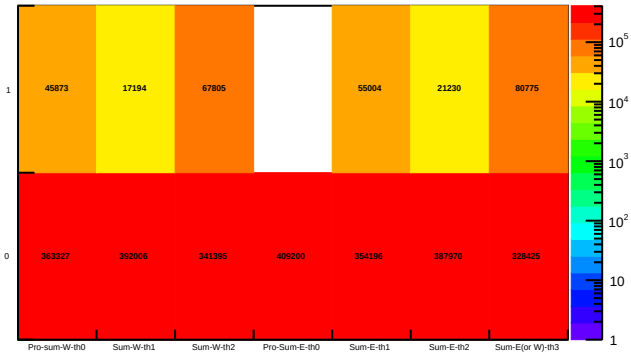
VT201 Input Ch2: ZDC Tac Diff



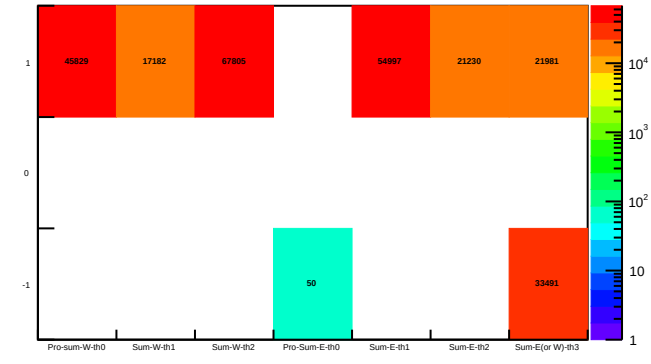
VT201 Input Ch2: ZDC Tac Diff



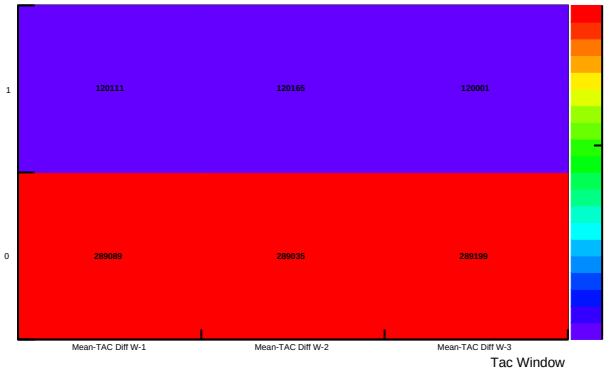
VT201 Input Ch2: ZDC Adc Sum Th



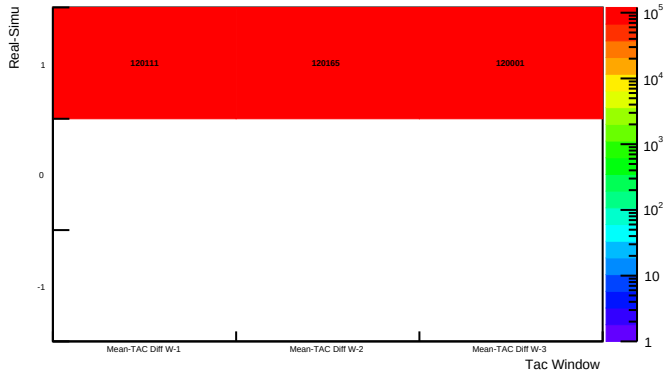
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



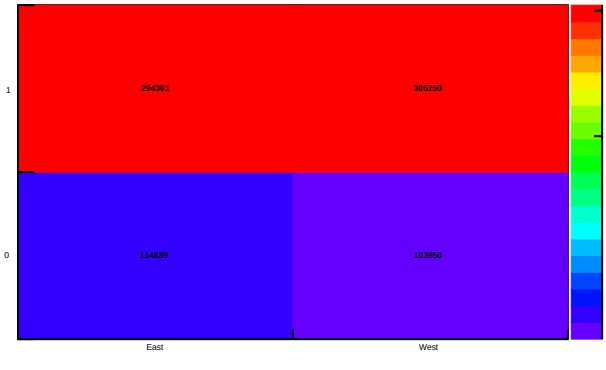
VT201 Input Ch4: VPD Tac Diff



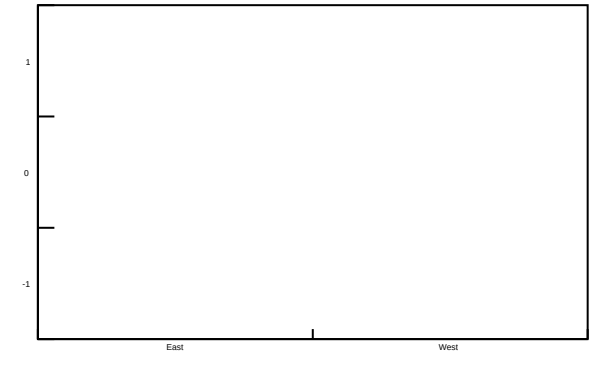
VT201 Input Ch4: VPD Tac Diff

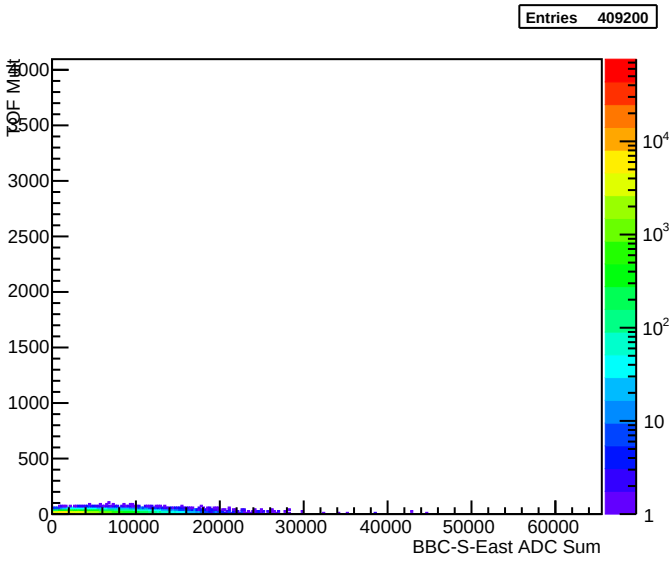


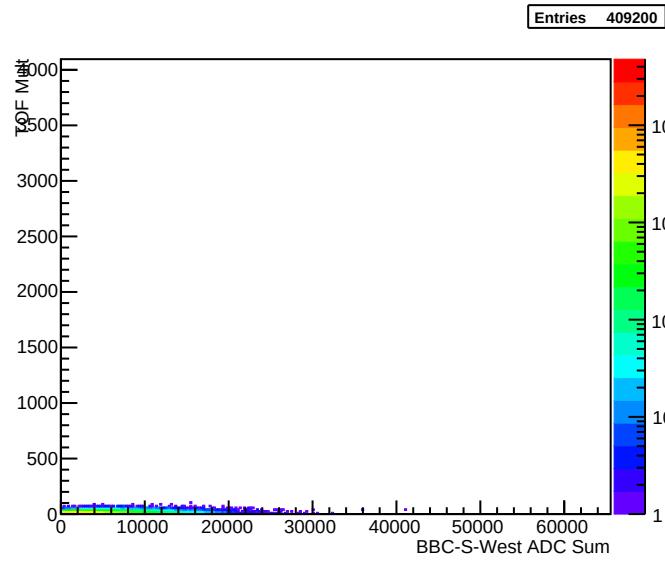
VT201 Input Ch4: VPD Adc Sum Th

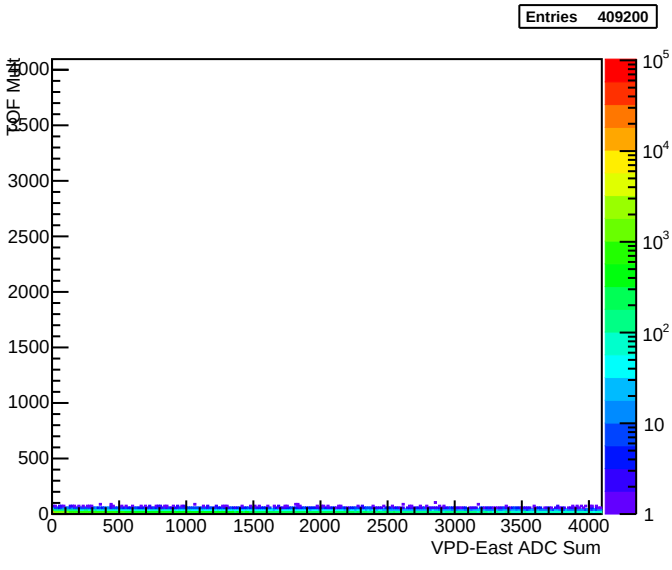


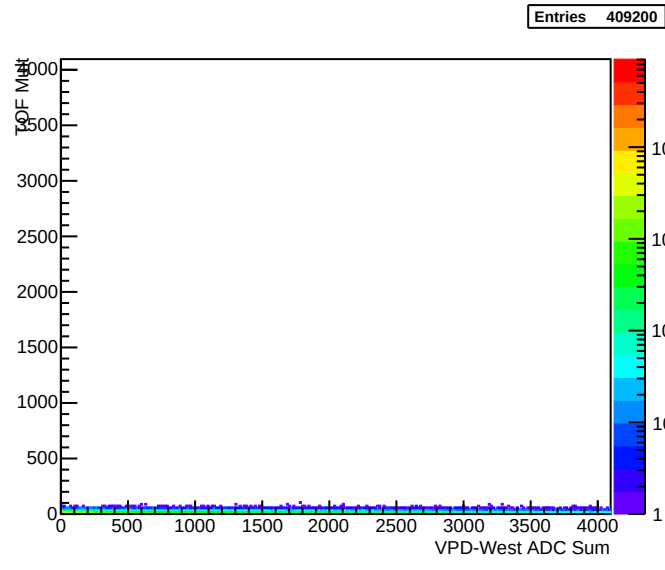
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

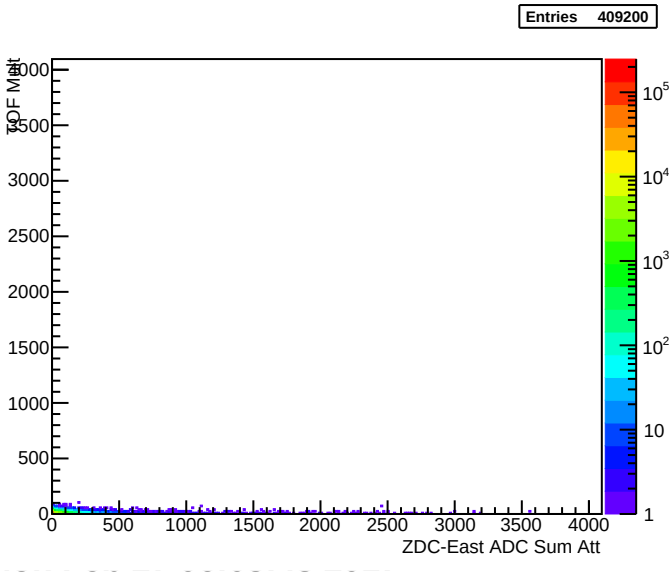


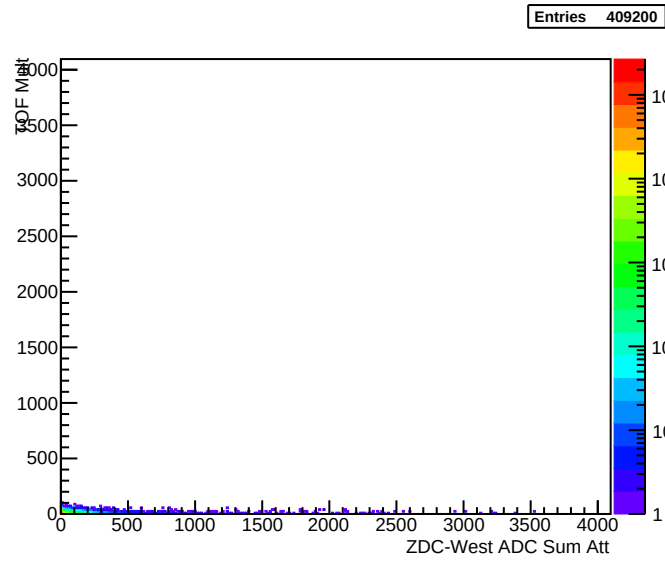

Entries 409200
TOF Mult
BBC-S-East ADC Sum

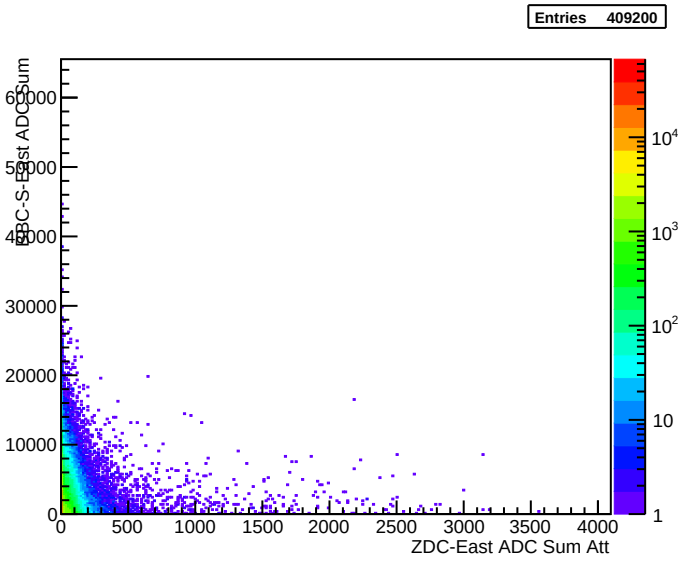

Entries 409200
TOF Mult
BBC-S-West ADC Sum

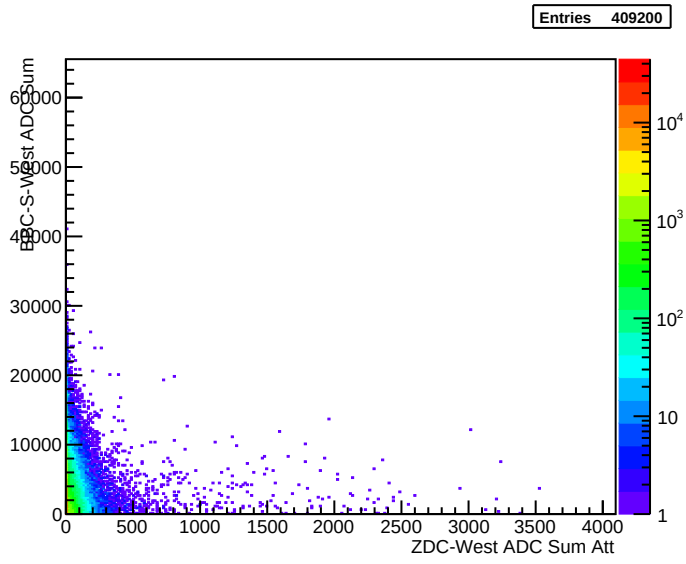

Entries 409200
TOF Mult
VPD-East ADC Sum

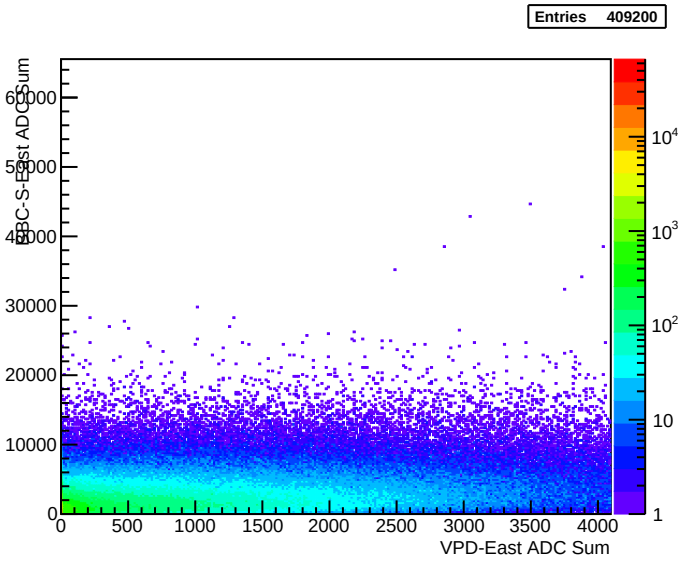

Entries 409200
TOF Mult
VPD-West ADC Sum

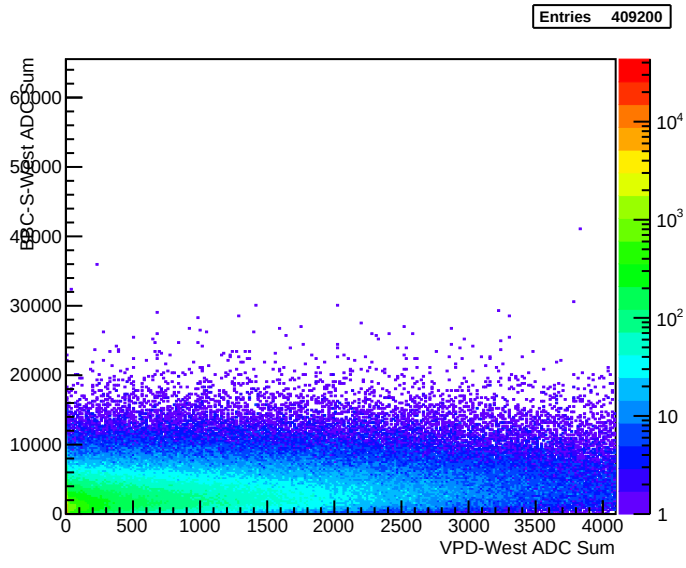

Entries 409200
TOF Mult
ZDC-East ADC Sum Att

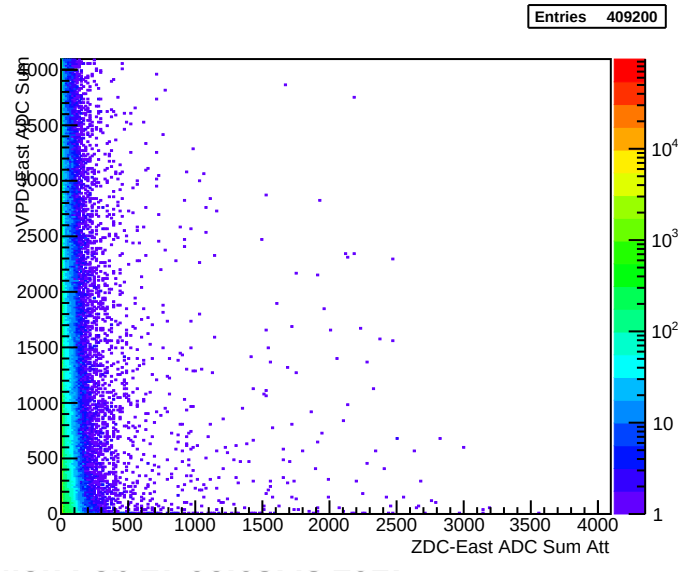

Entries 409200
TOF Mult
ZDC-West ADC Sum Att

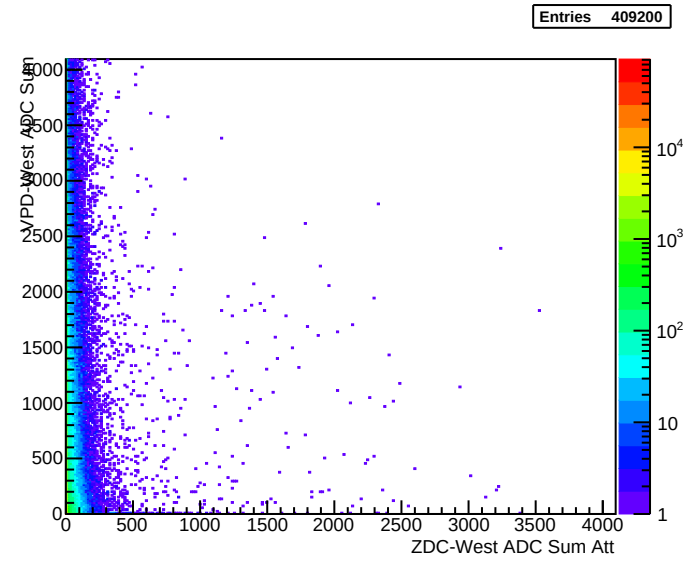

Entries 409200
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

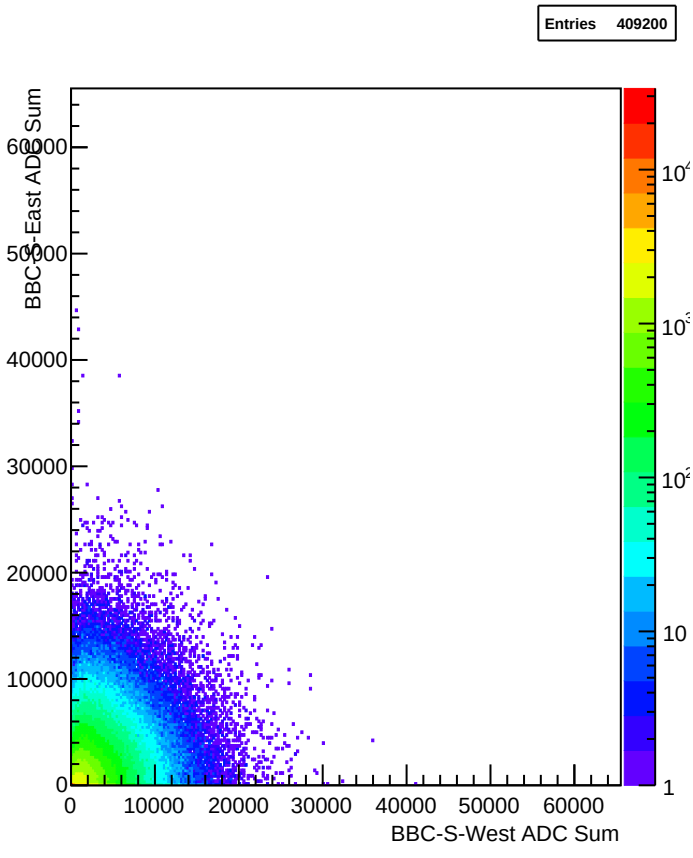

Entries 409200
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

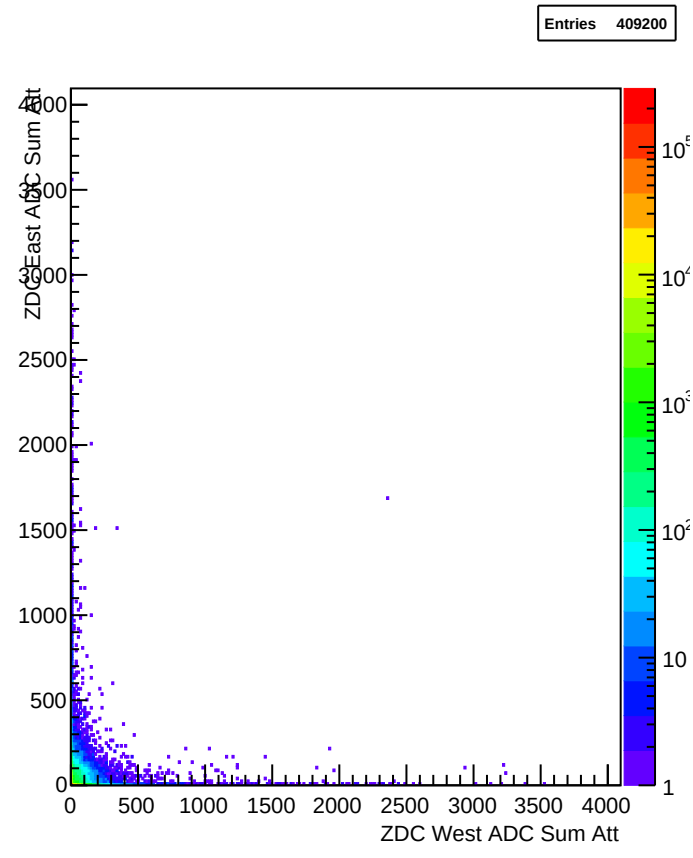

Entries 409200
BBC-S-East ADC Sum
VPD-East ADC Sum

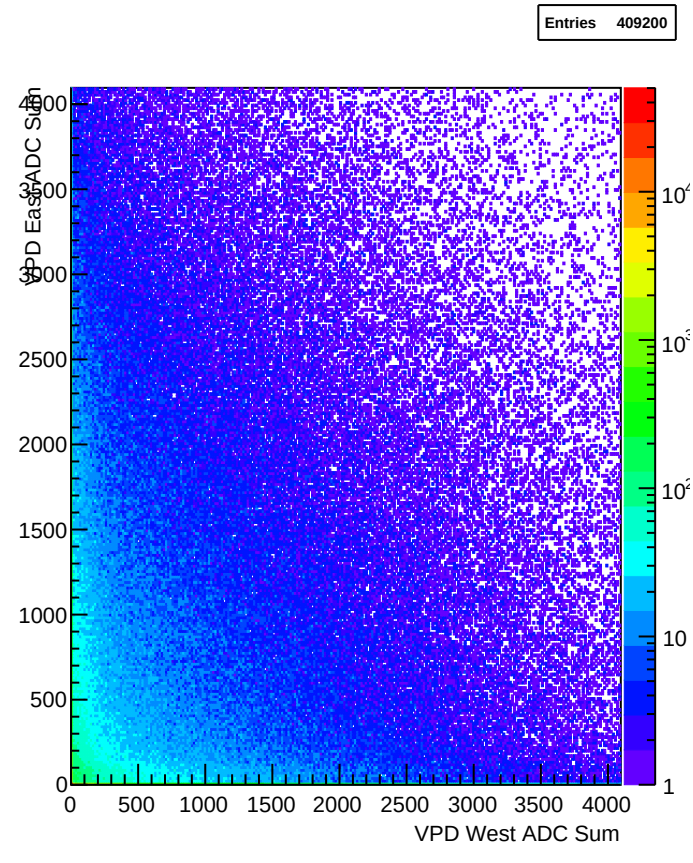

Entries 409200
BBC-S-West ADC Sum
VPD-West ADC Sum

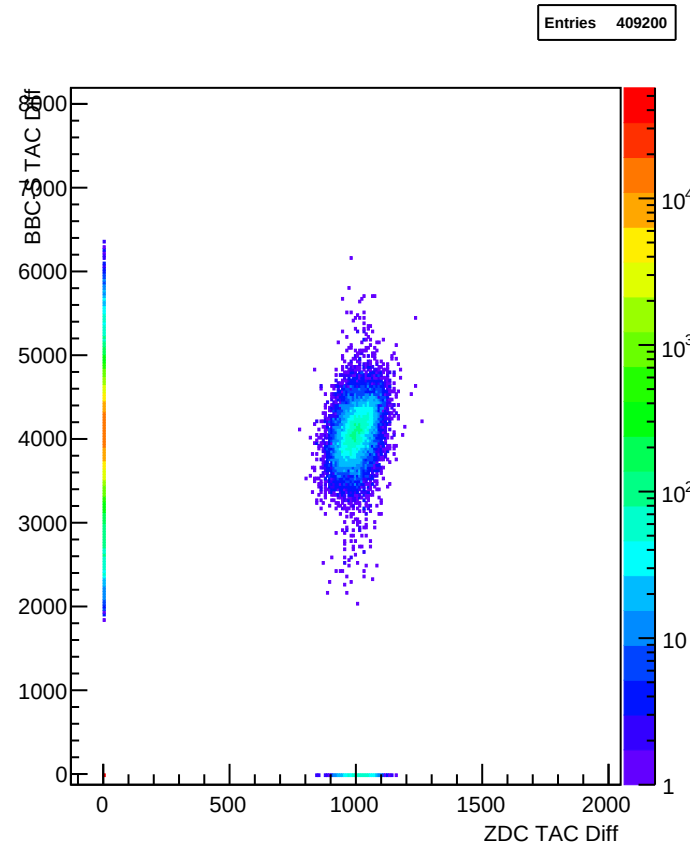

Entries 409200
VPD-East ADC Sum
ZDC-East ADC Sum Att

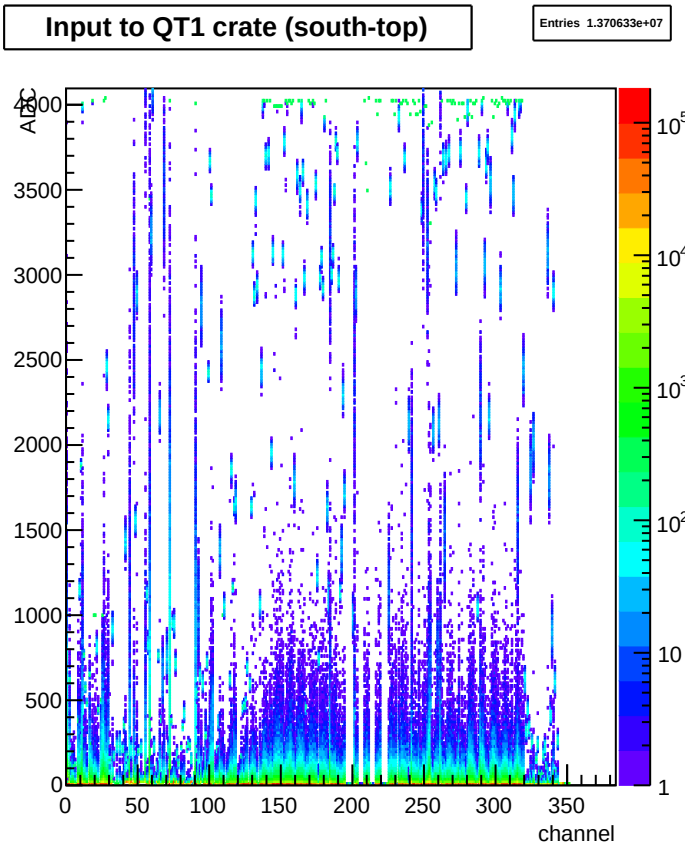

Entries 409200
VPD-West ADC Sum
ZDC-West ADC Sum Att

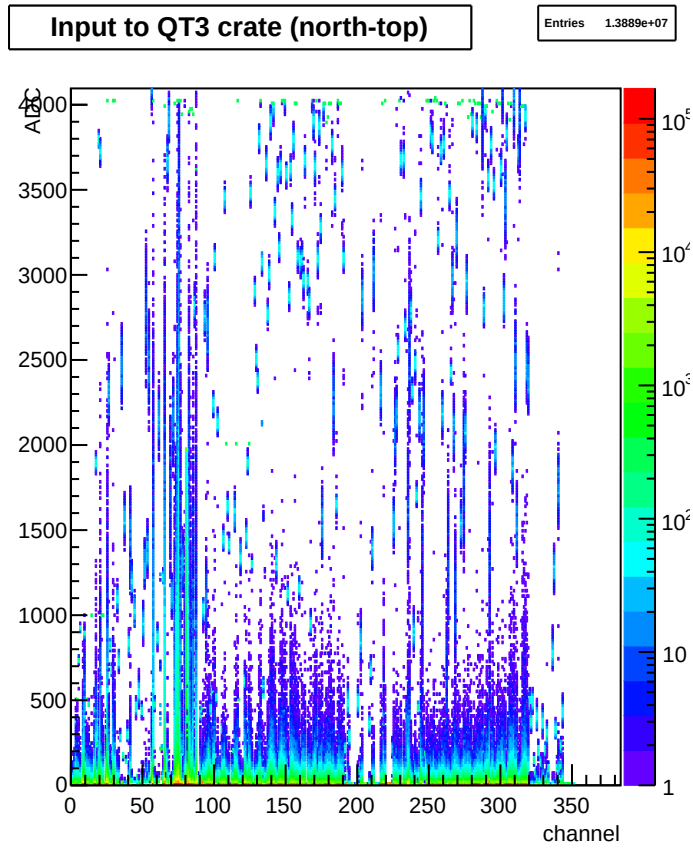

Entries 409200
BBC-S-East ADC Sum
BBC-S-West ADC Sum

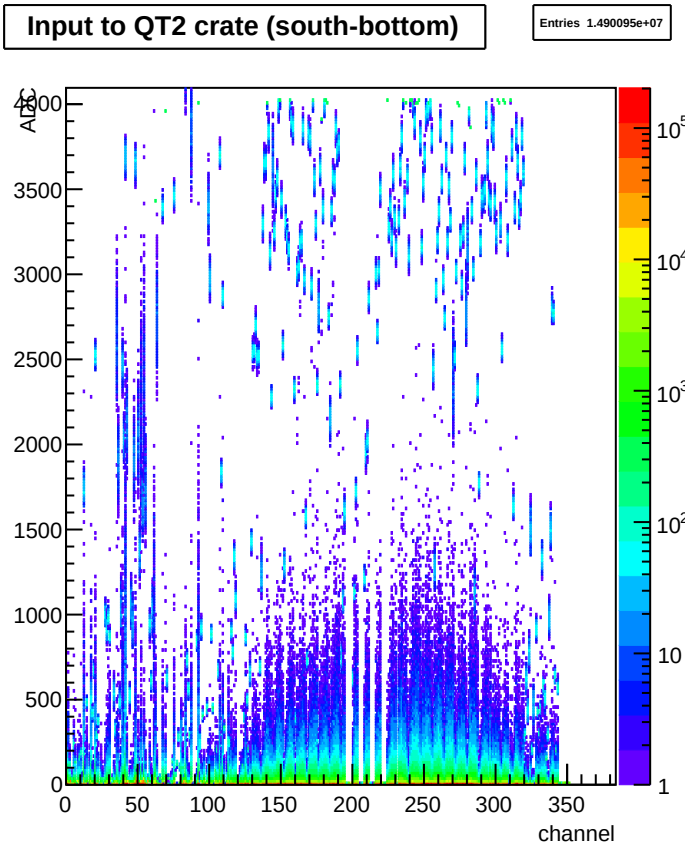

Entries 409200
ZDC East ADC Sum Att
ZDC West ADC Sum Att

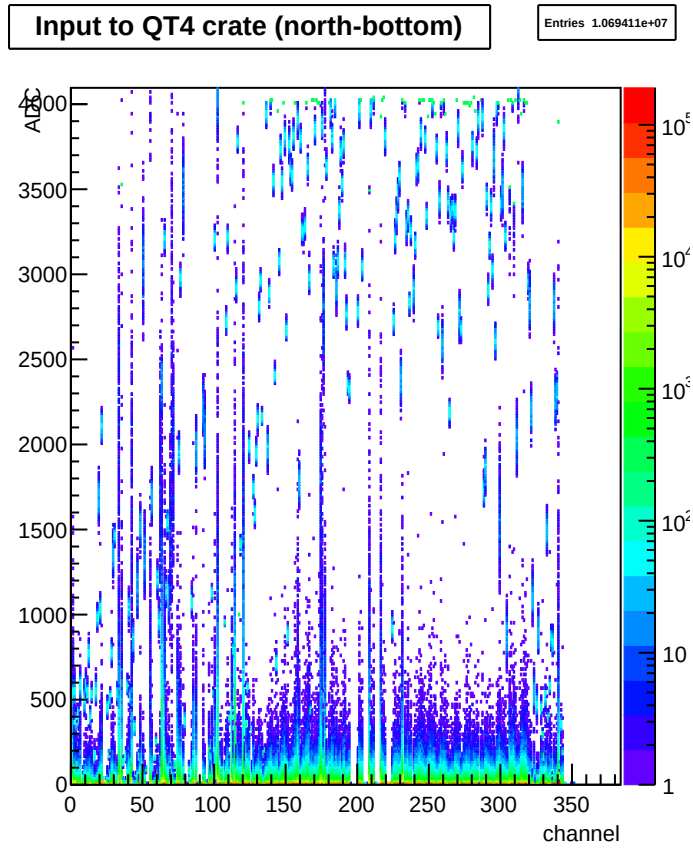

Entries 409200
VPD East ADC Sum
VPD West ADC Sum

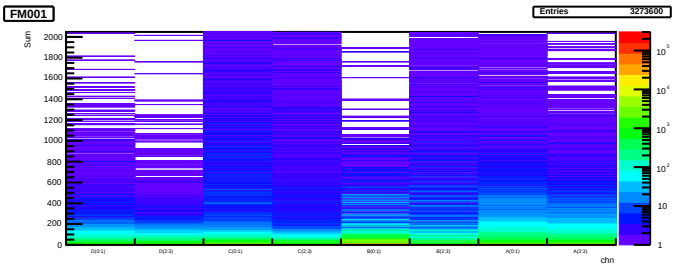

Entries 409200
BBC-S TAC Diff
ZDC TAC Diff

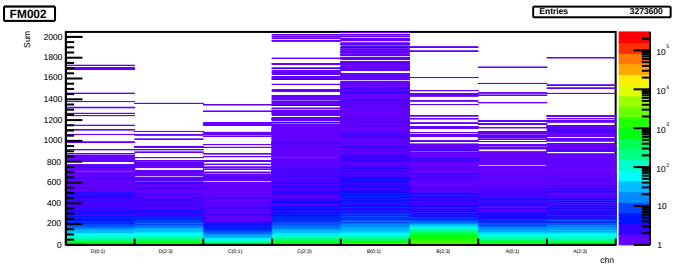

Input to QT1 crate (south-top)
Entries 1.370633e+07
ADC
channel

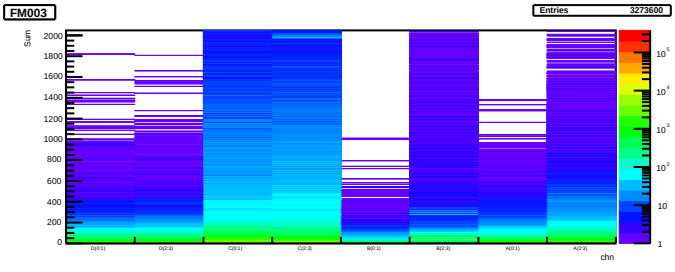

Input to QT3 crate (north-top)
Entries 1.3889e+07
ADC
channel

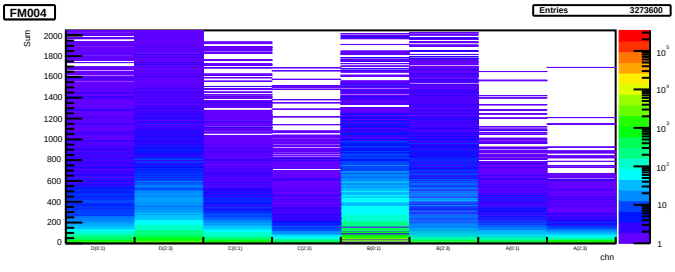

Input to QT2 crate (south-bottom)
Entries 1.490095e+07
ADC
channel

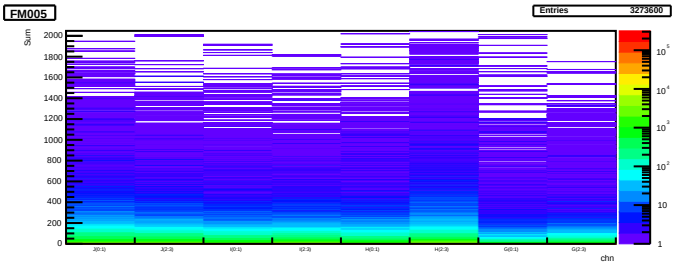

Input to QT4 crate (north-bottom)
Entries 1.069411e+07
ADC
channel

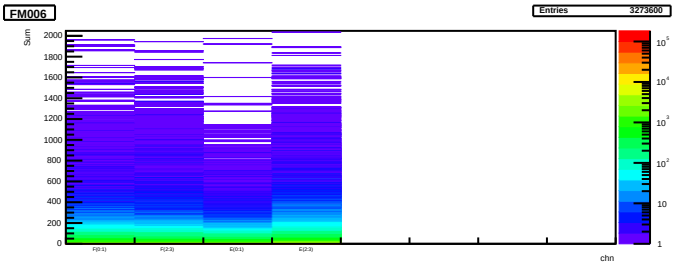

FM001
Entries 3273600
Sum
chn

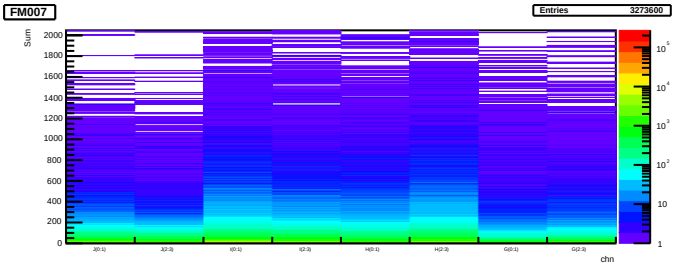

FM002
Entries 3273600
Sum
chn

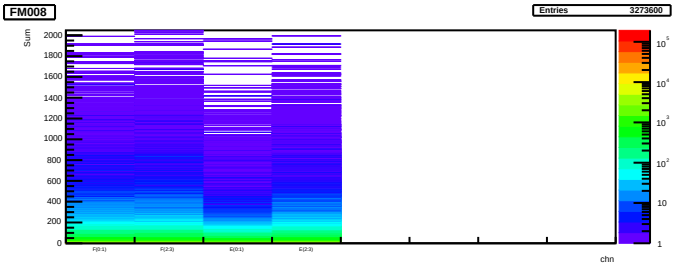

FM003
Entries 3273600
Sum
chn

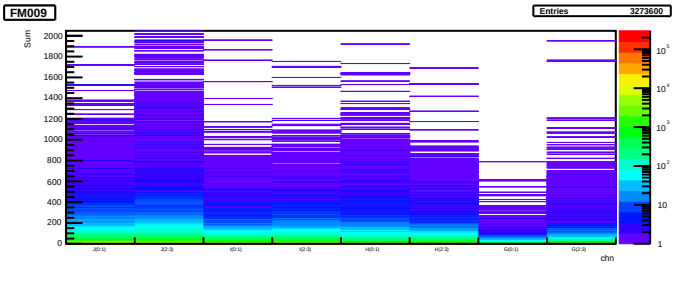

FM004
Entries 3273600
Sum
chn

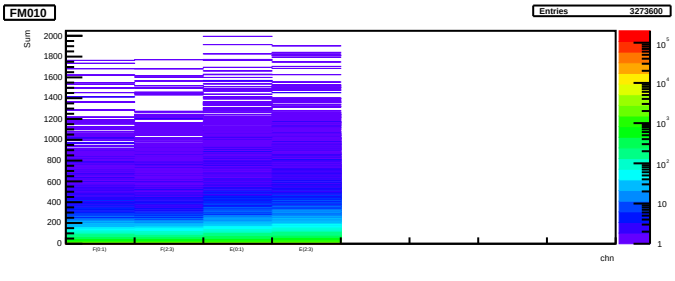

FM005
Entries 3273600
Sum
chn

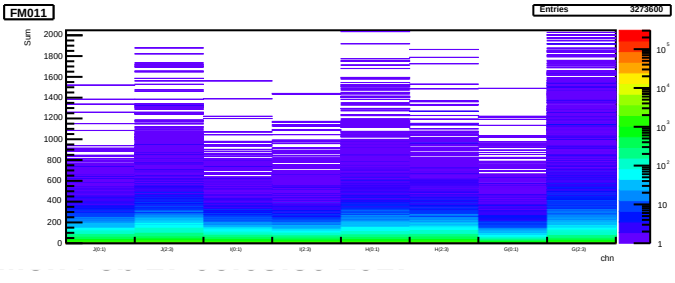

FM006
Entries 3273600
Sum
chn

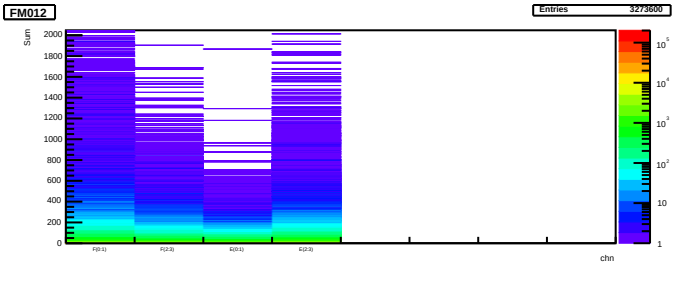

FM007
Entries 3273600
Sum
chn

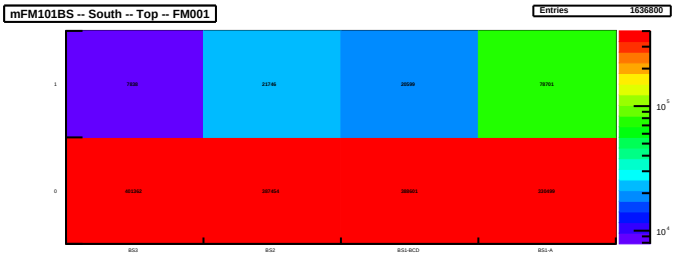

FM008
Entries 3273600
Sum
chn

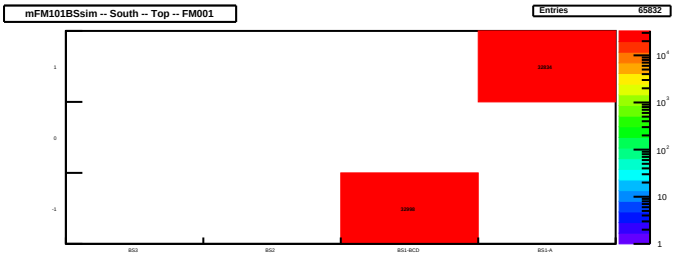

FM009
Entries 3273600
Sum
chn

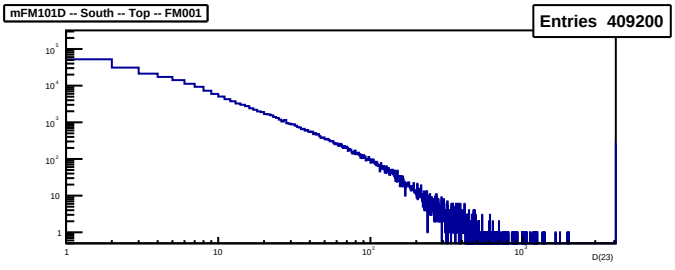

FM010
Entries 3273600
Sum
chn

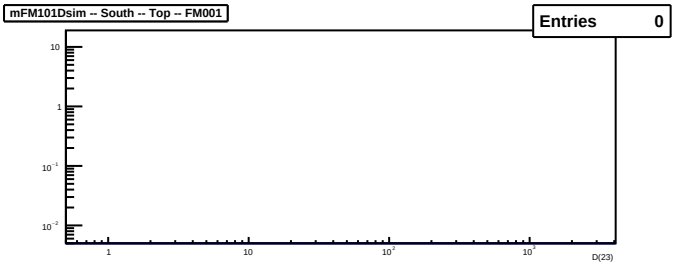

FM011
Entries 3273600
Sum
chn

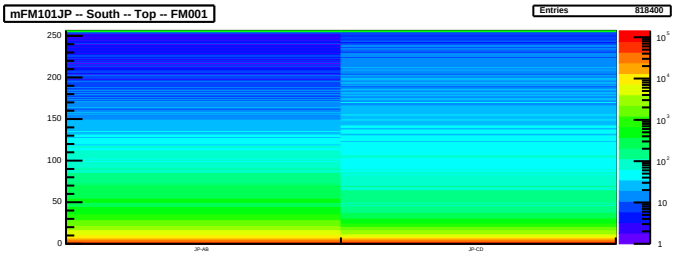

FM012
Entries 3273600
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 1636800
BS3
BS2
BS1-BCD
BS1-A

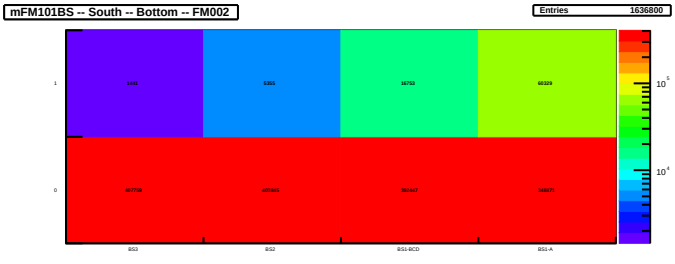

mFM101BSsim -- South -- Top -- FM001
Entries 65832
BS3
BS2
BS1-BCD
BS1-A

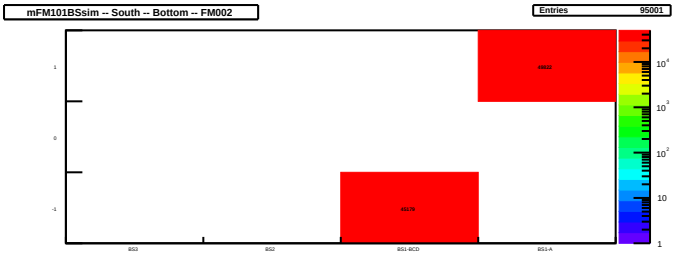

mFM101D -- South -- Top -- FM001
Entries 409200
D(23)

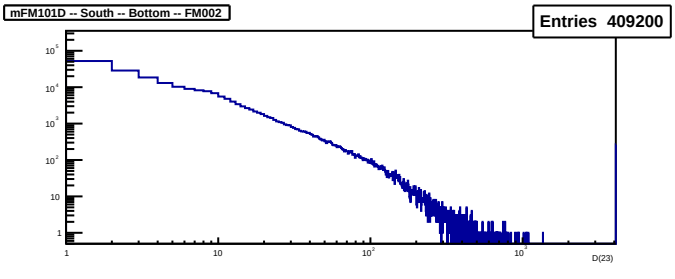

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

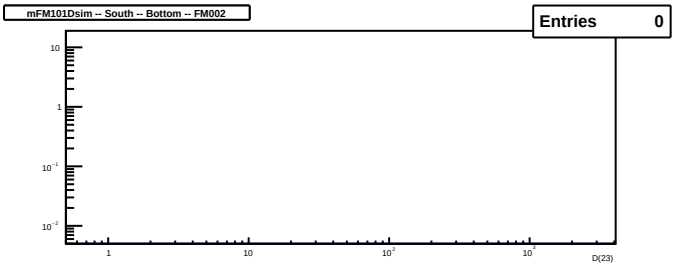

mFM101JP -- South -- Top -- FM001
Entries 818400
JP-AB
JP-CD

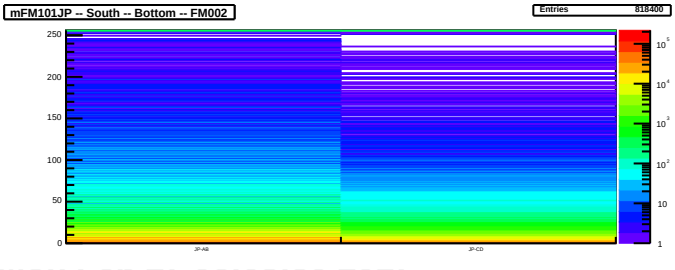
mFM101JPsim -- South -- Top -- FM001
Entries 0
JP-AB
JP-CD

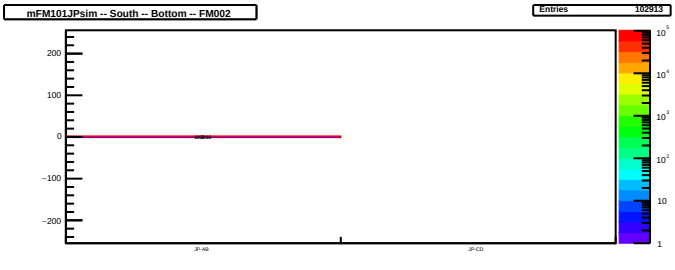

mFM101BS -- South -- Bottom -- FM002
Entries 1636800
BS3
BS2
BS1-BCD
BS1-A

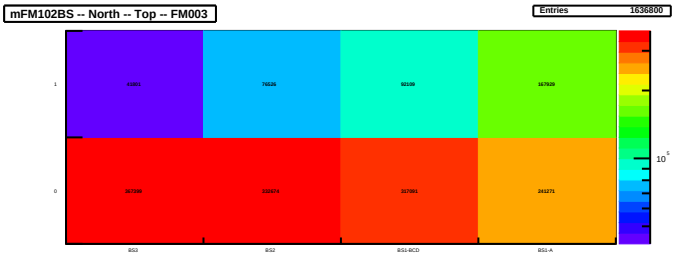

mFM101BSsim -- South -- Bottom -- FM002
Entries 95001
BS3
BS2
BS1-BCD
BS1-A

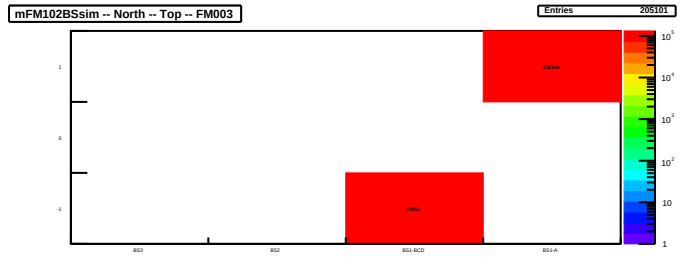

mFM101D -- South -- Bottom -- FM002
Entries 409200
D(23)

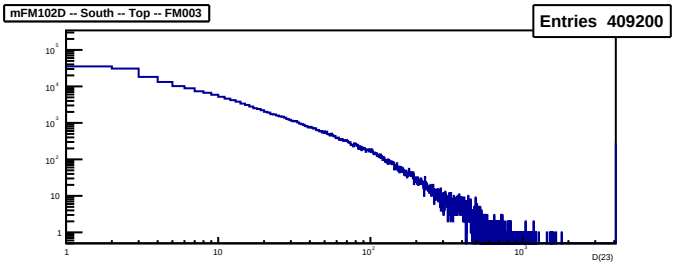

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

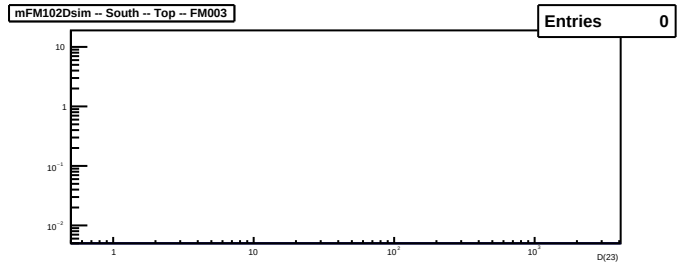

mFM101JP -- South -- Bottom -- FM002
Entries 818400
JP-AB
JP-CD

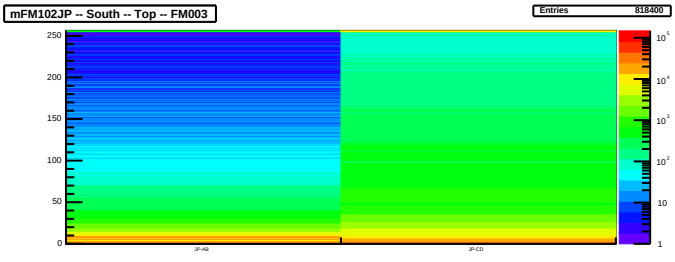

mFM101JPsim -- South -- Bottom -- FM002
Entries 102913
JP-AB
JP-CD

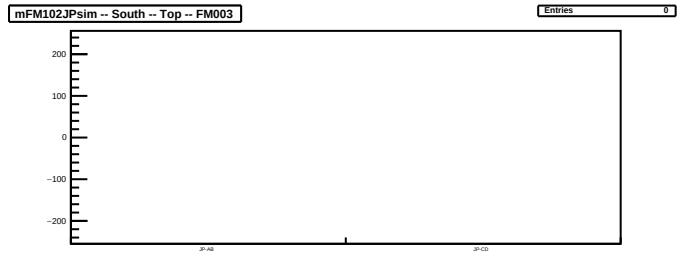

mFM102BS -- North -- Top -- FM003
Entries 1636800
BS3
BS2
BS1-BCD
BS1-A

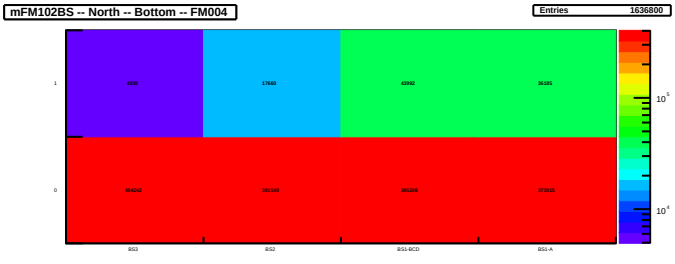

mFM102BSsim -- North -- Top -- FM003
Entries 205101
BS3
BS2
BS1-BCD
BS1-A

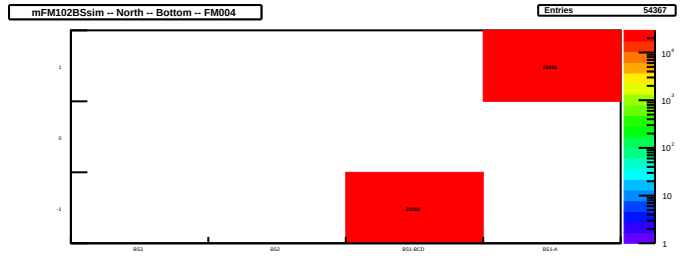

mFM102D -- South -- Top -- FM003
Entries 409200
D(23)

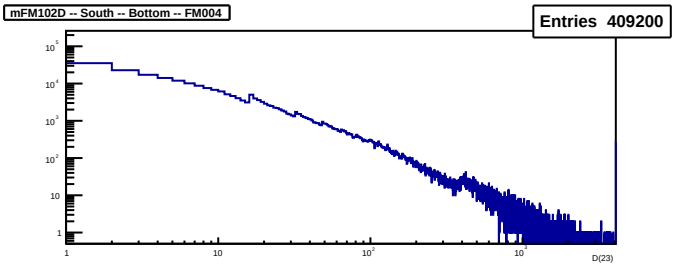

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

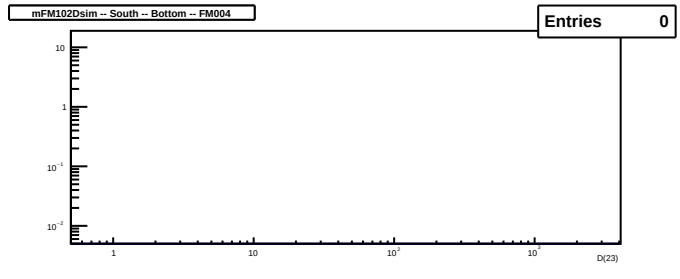

mFM102JP -- South -- Top -- FM003
Entries 818400
JP-AB
JP-CD

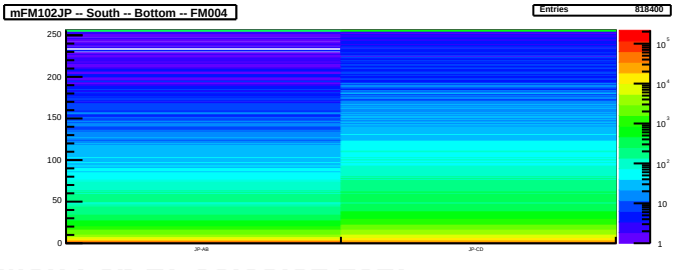

mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD

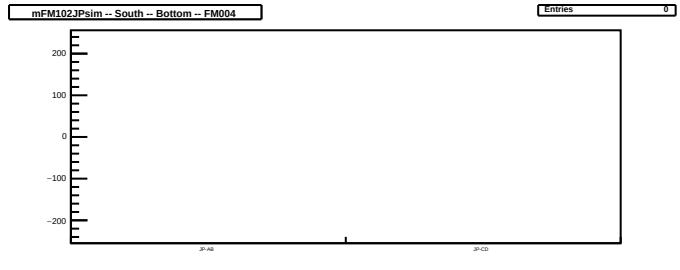

mFM102BS -- North -- Bottom -- FM004
Entries 1636800
BS3
BS2
BS1-BCD
BS1-A

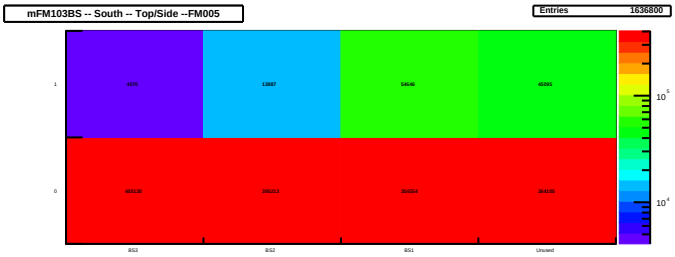

mFM102BSsim -- North -- Bottom -- FM004
Entries 54367
BS3
BS2
BS1-BCD
BS1-A

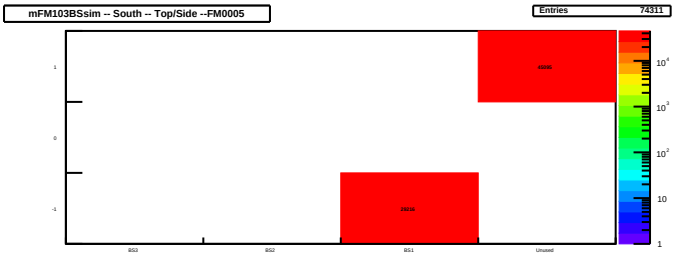

mFM102D -- South -- Bottom -- FM004
Entries 409200
D(23)

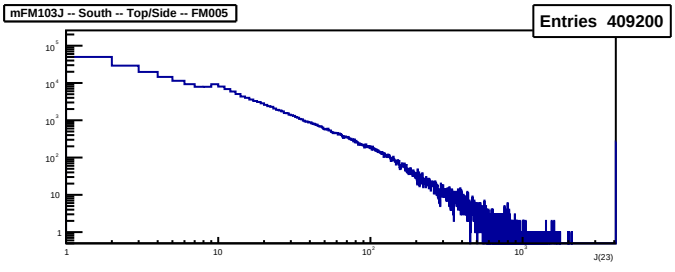

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

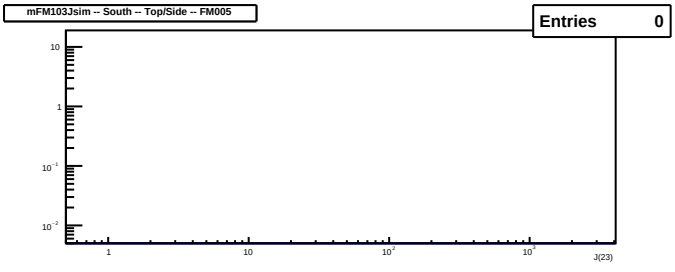

mFM102JP -- South -- Bottom -- FM004
Entries 818400
JP-AB
JP-CD

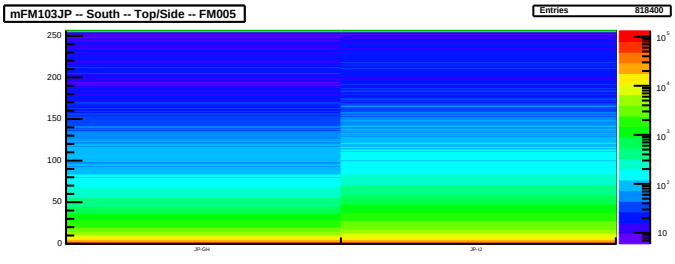

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

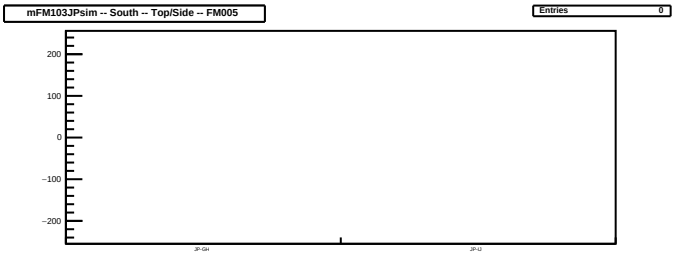

mFM103BS -- South -- Top/Side --FM005
Entries 1636800
BS3
BS2
BS1
Unused

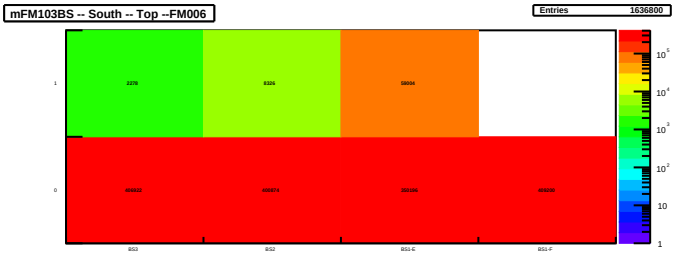

mFM103BSsim -- South -- Top/Side --FM0005
Entries 74311
BS3
BS2
BS1
Unused

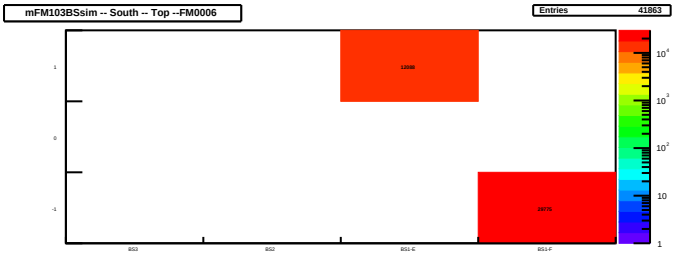

mFM103J -- South -- Top/Side -- FM005
Entries 409200
J(23)

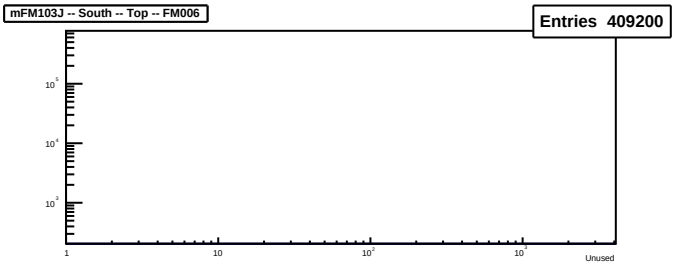

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

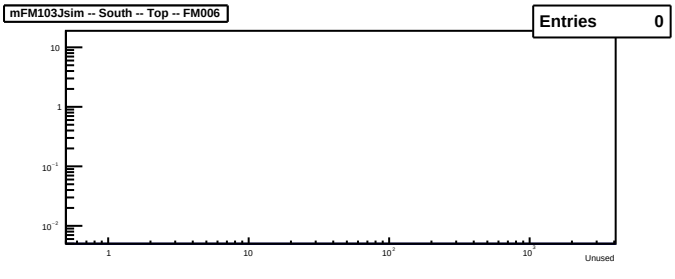

mFM103JP -- South -- Top/Side -- FM005
Entries 818400
JP-GH
JP-U

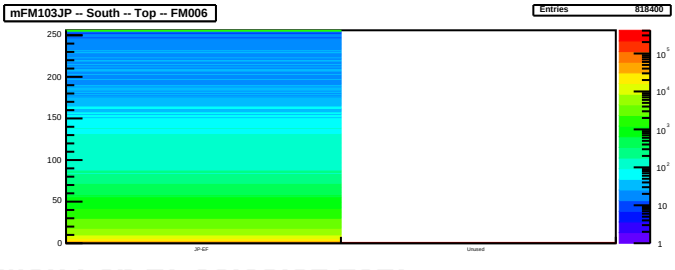

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-U

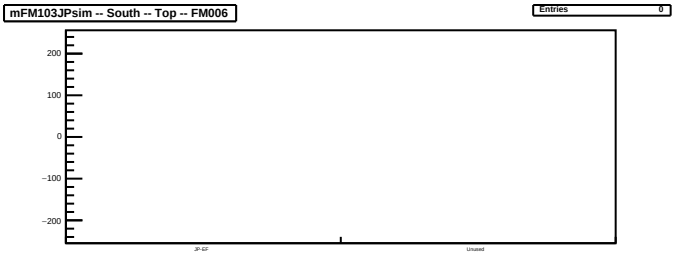

mFM103BS -- South -- Top --FM006
Entries 1636800
BS3
BS2
BS1-E
BS1-F

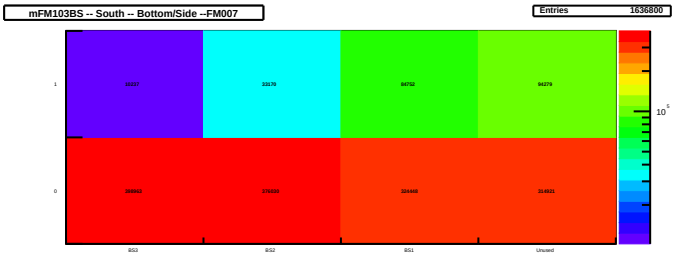

mFM103BSsim -- South -- Top --FM0006
Entries 41863
BS3
BS2
BS1-E
BS1-F

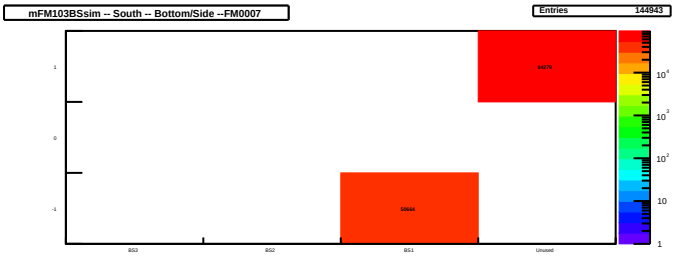

mFM103J -- South -- Top -- FM006
Entries 409200
Unused

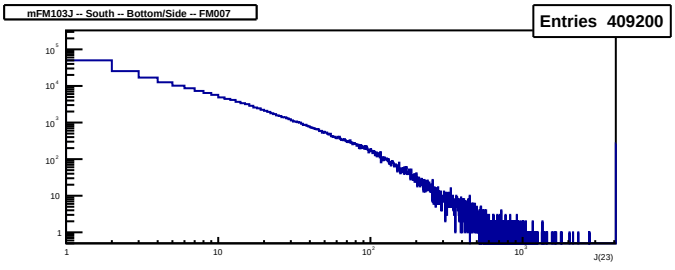

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

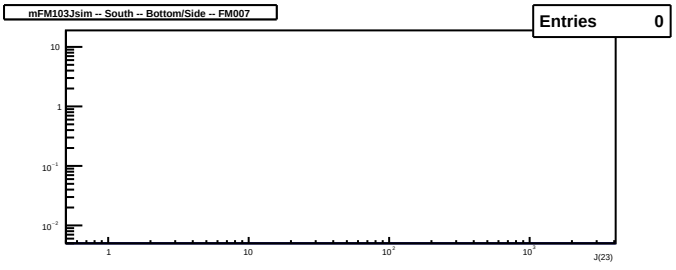

mFM103JP -- South -- Top -- FM006
Entries 818400
JP-EF
Unused

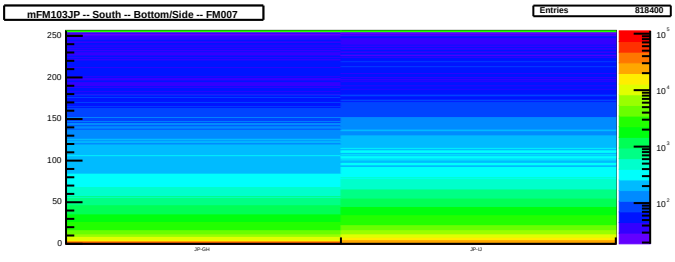

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

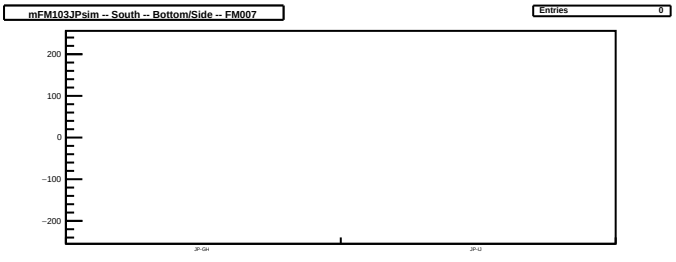

mFM103BS -- South -- Bottom/Side --FM007
Entries 1636800
BS3
BS2
BS1
Unused

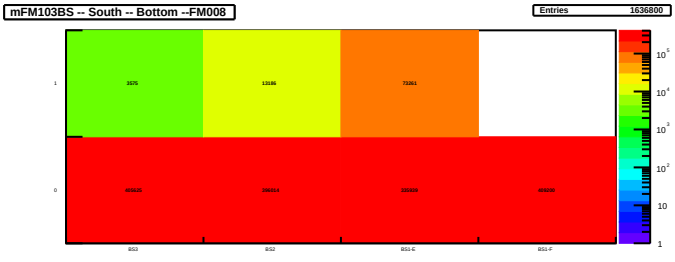

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 144943
BS3
BS2
BS1
Unused

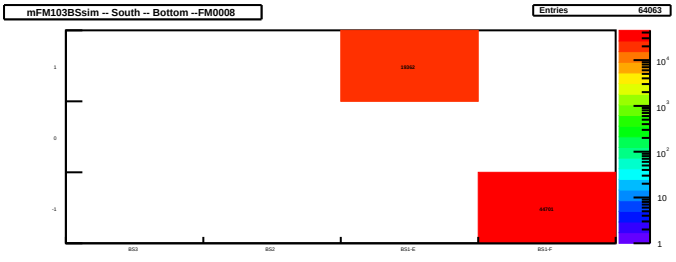

mFM103J -- South -- Bottom/Side -- FM007
Entries 409200
J(23)

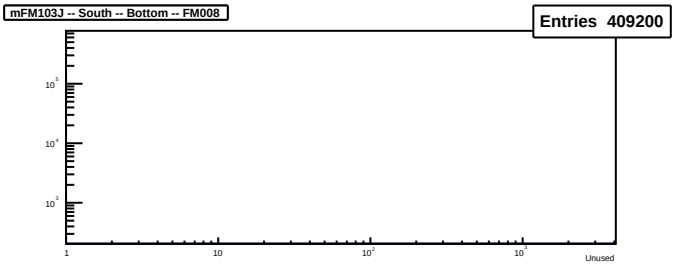

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

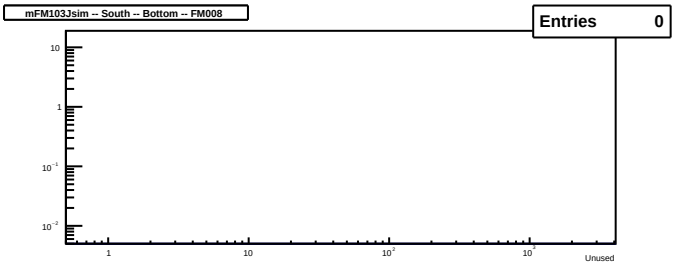

mFM103JP -- South -- Bottom/Side -- FM007
Entries 818400
JP-GH
JP-IJ

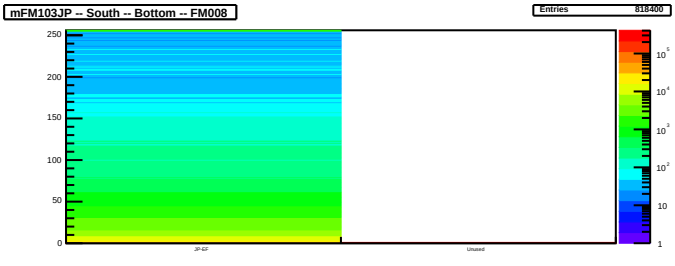

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ

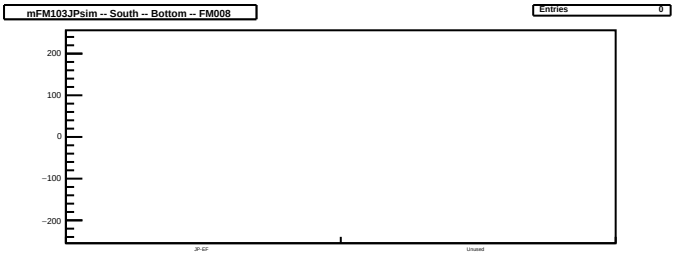

mFM103BS -- South -- Bottom --FM008
Entries 1636800
BS3
BS2
BS1-E
BS1-F

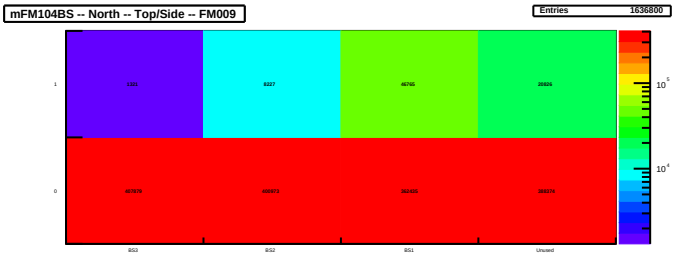

mFM103BSsim -- South -- Bottom --FM0008
Entries 64063
BS3
BS2
BS1-E
BS1-F

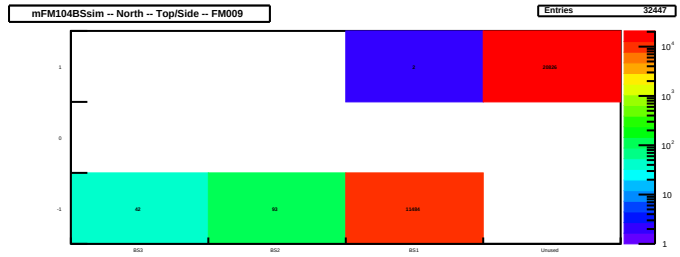

mFM103J -- South -- Bottom -- FM008
Entries 409200
Unused

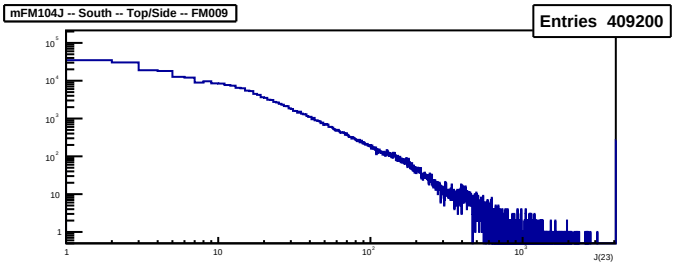

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

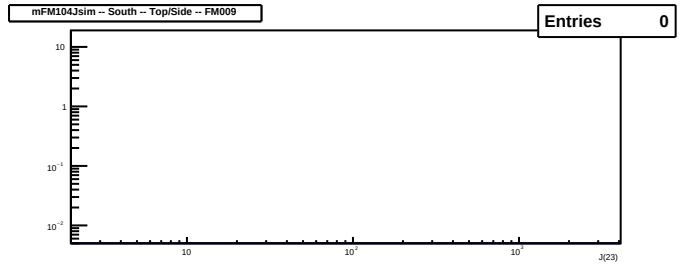

mFM103JP -- South -- Bottom -- FM008
Entries 818400
JP-EF
Unused

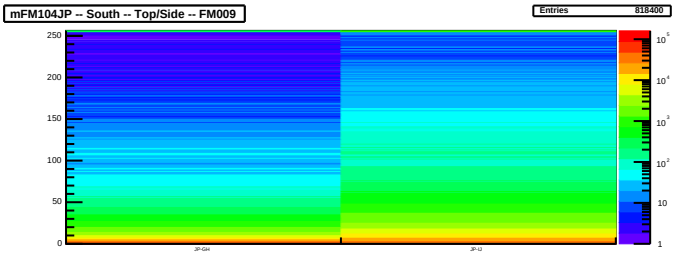

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

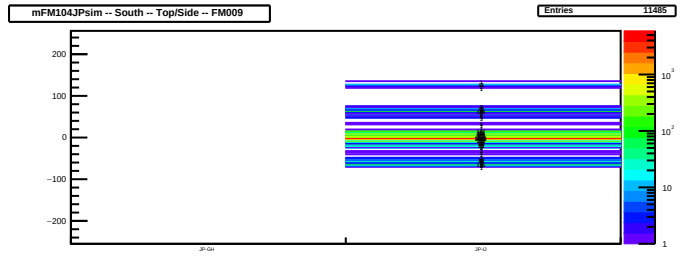

mFM104BS -- North -- Top/Side -- FM009
Entries 1636800

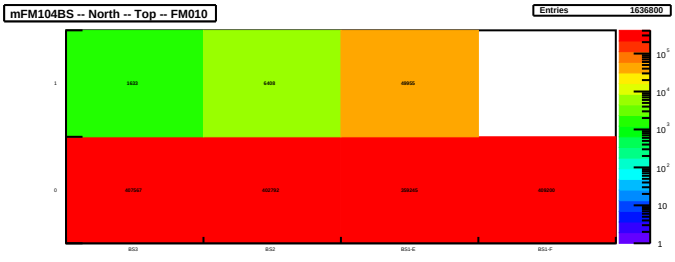

mFM104BSsim -- North -- Top/Side -- FM009
Entries 32447

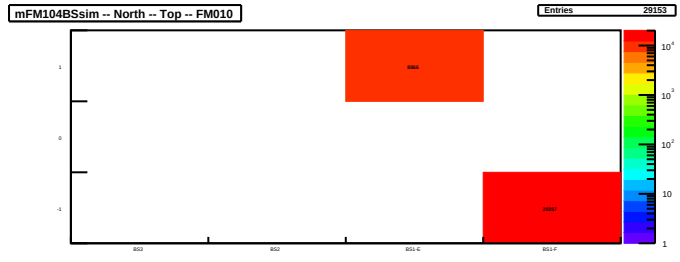

mFM104J -- South -- Top/Side -- FM009
Entries 409200
J(23)

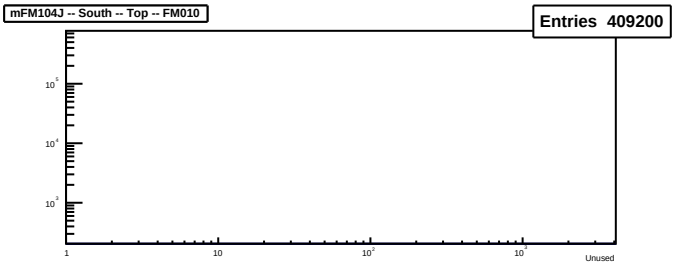

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

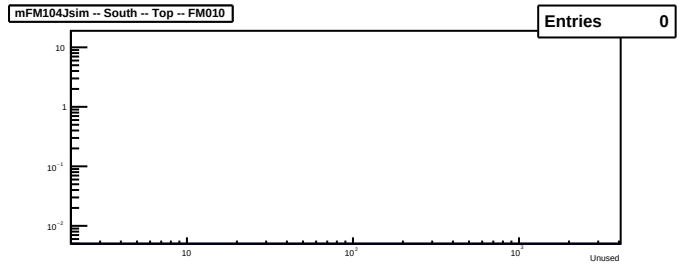

mFM104JP -- South -- Top/Side -- FM009
Entries 818400

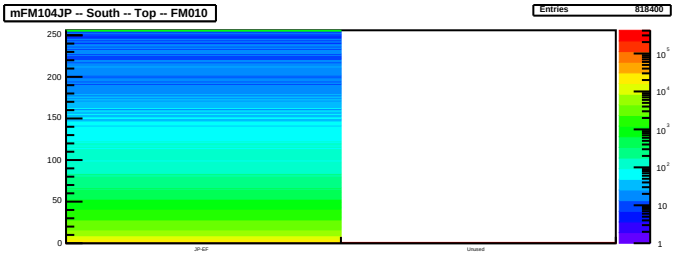

mFM104JPsim -- South -- Top/Side -- FM009
Entries 11485


mFM104BS -- North -- Top -- FM010
Entries 1636800

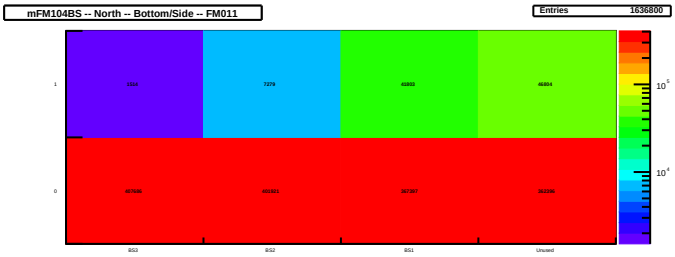

mFM104BSsim -- North -- Top -- FM010
Entries 29153

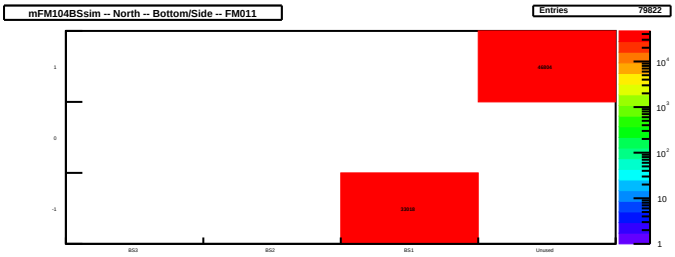

mFM104J -- South -- Top -- FM010
Entries 409200
Unused

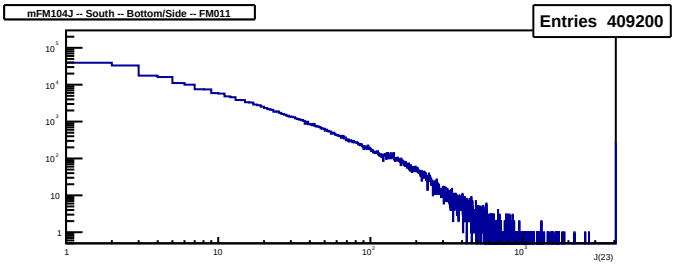

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

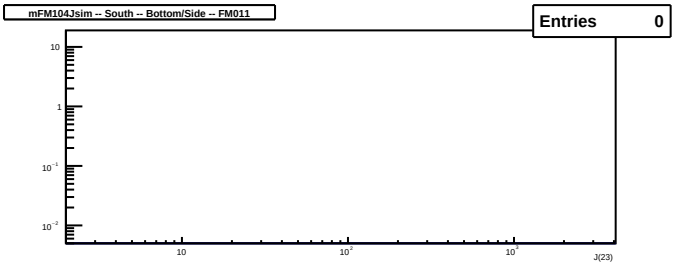

mFM104JP -- South -- Top -- FM010
Entries 818400

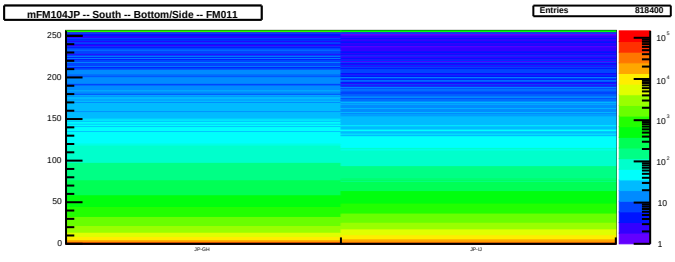
mFM104JPsim -- South -- Top -- FM010
Entries 0

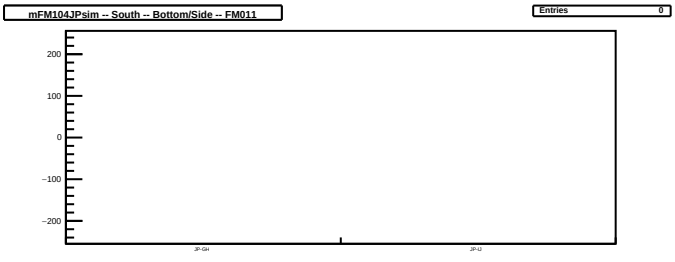

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1636800
BS3
BS2
BS1
Unused

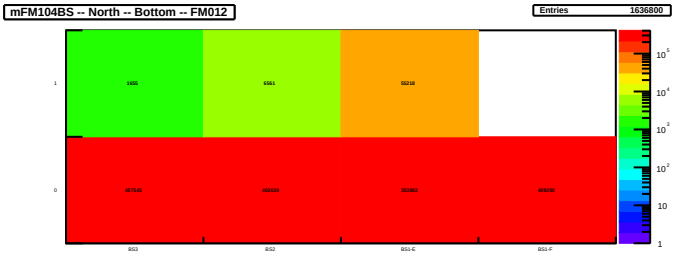

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 79822
BS3
BS2
BS1
Unused

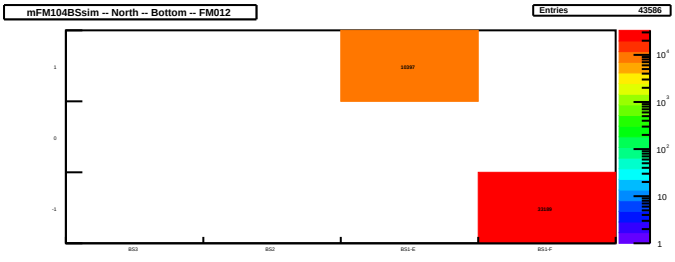

mFM104J -- South -- Bottom/Side -- FM011
Entries 409200
J(23)

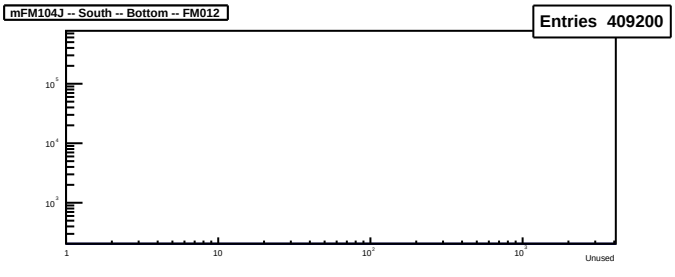

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

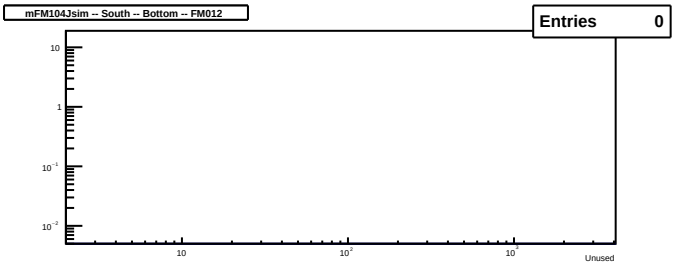

mFM104JP -- South -- Bottom/Side -- FM011
Entries 818400
JP-GH
JP-IJ

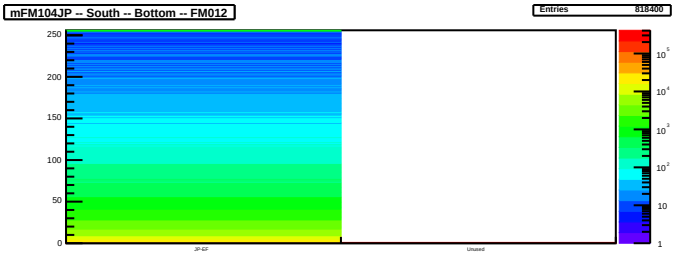

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ


mFM104BS -- North -- Bottom -- FM012
Entries 1636800
BS3
BS2
BS1-E
BS1-F

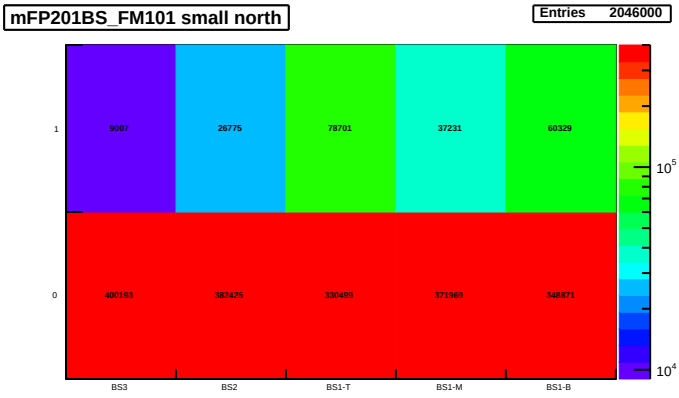

mFM104BSsim -- North -- Bottom -- FM012
Entries 43586
BS3
BS2
BS1-E
BS1-F

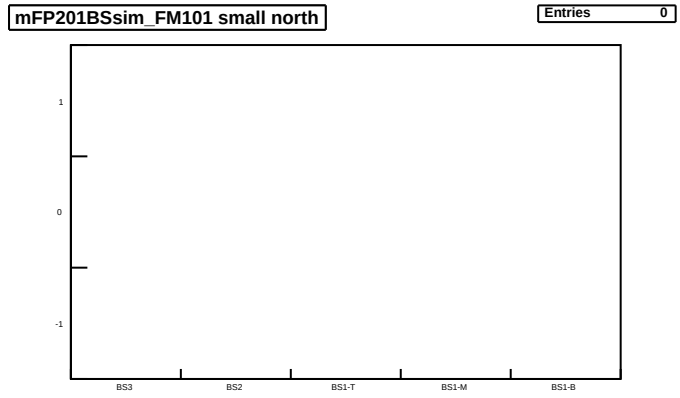

mFM104J -- South -- Bottom -- FM012
Entries 409200
Unused

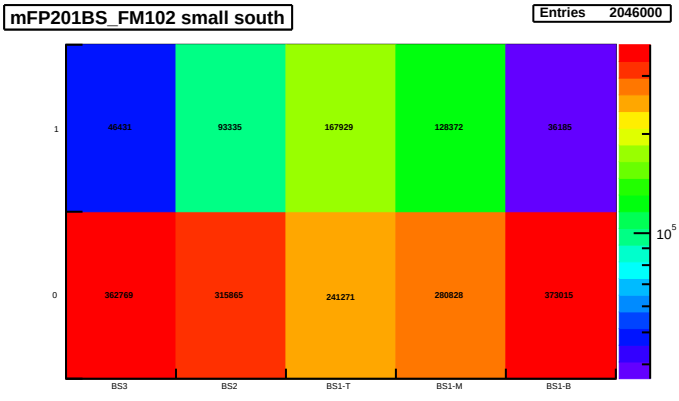

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

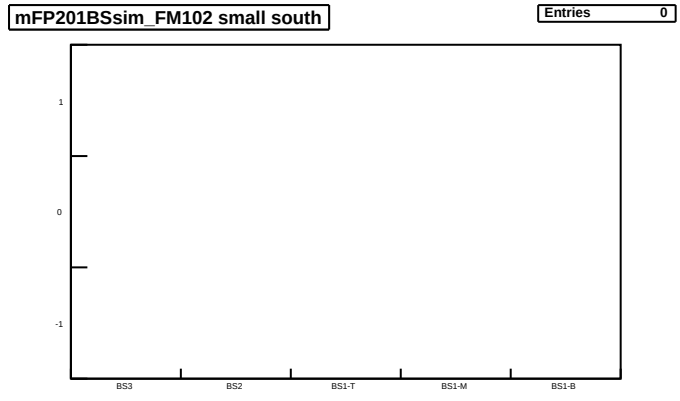

mFM104JP -- South -- Bottom -- FM012
Entries 818400
JP-EF
Unused

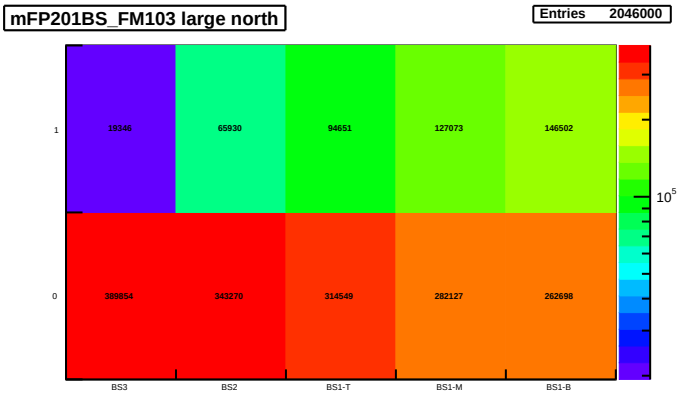
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

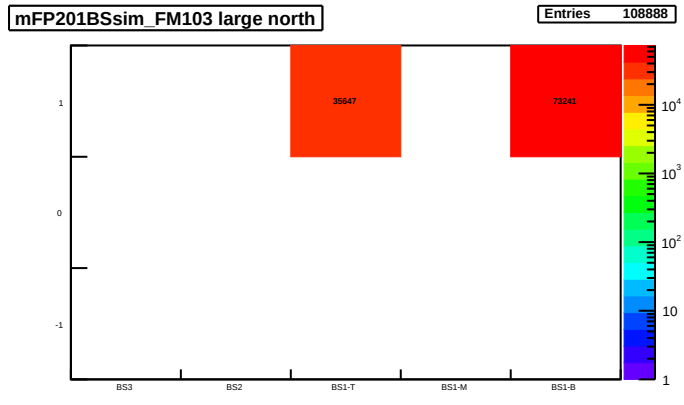

mFP201BS_FM101 small north
Entries 2046000
9007
26775
78701
37231
60329
400193
382425
330499
371969
348871
BS3
BS2
BS1-T
BS1-M
BS1-B

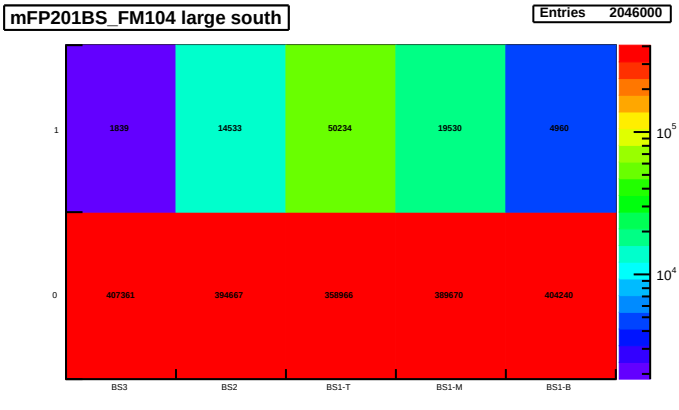

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

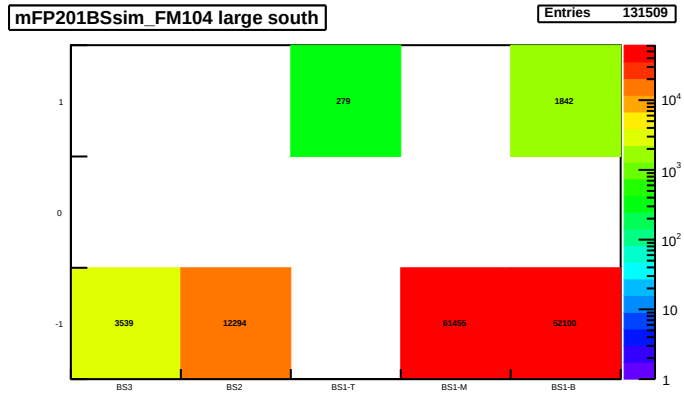

mFP201BS_FM102 small south
Entries 2046000
46431
93335
167929
128372
36185
362769
315865
241271
280828
373015
BS3
BS2
BS1-T
BS1-M
BS1-B

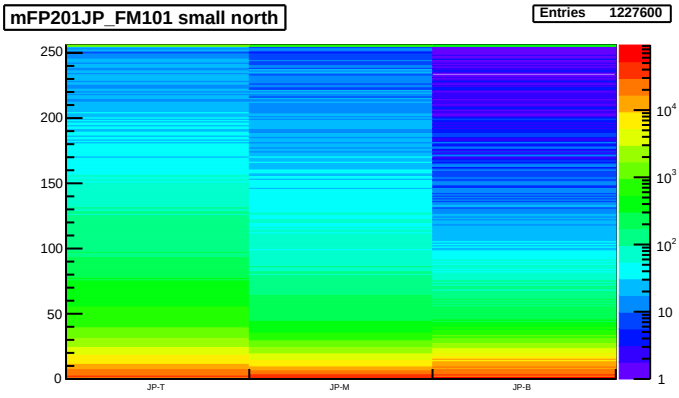

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

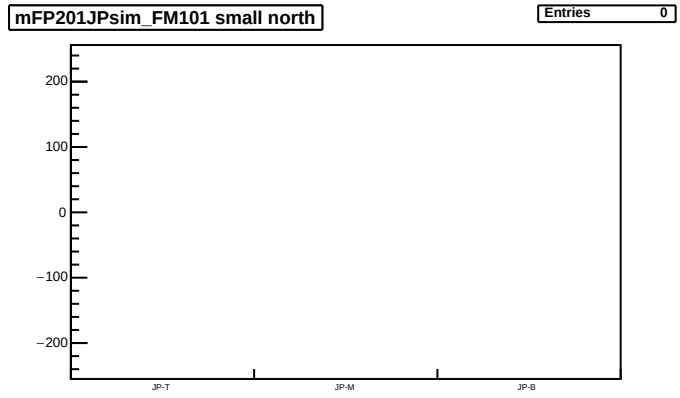

mFP201BS_FM103 large north
Entries 2046000
19346
65930
94651
127073
146502
389854
343270
314549
282127
262698
BS3
BS2
BS1-T
BS1-M
BS1-B

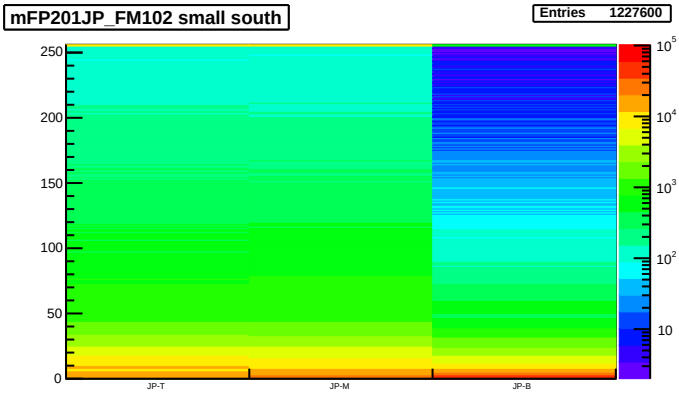

mFP201BSsim_FM103 large north
Entries 108888
35647
73241
BS3
BS2
BS1-T
BS1-M
BS1-B

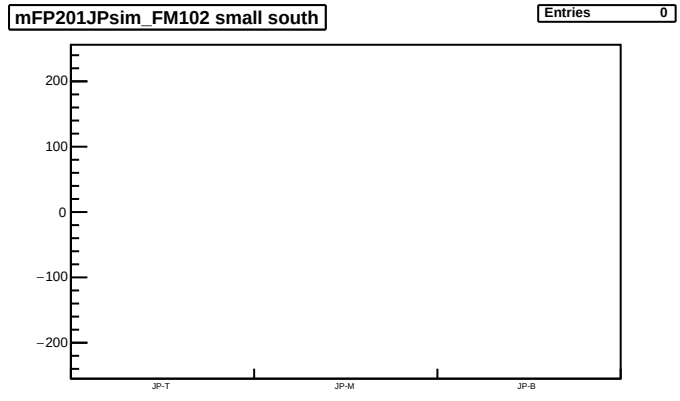

mFP201BS_FM104 large south
Entries 2046000
1839
14533
50234
19530
4960
407361
394667
358966
389670
404240
BS3
BS2
BS1-T
BS1-M
BS1-B

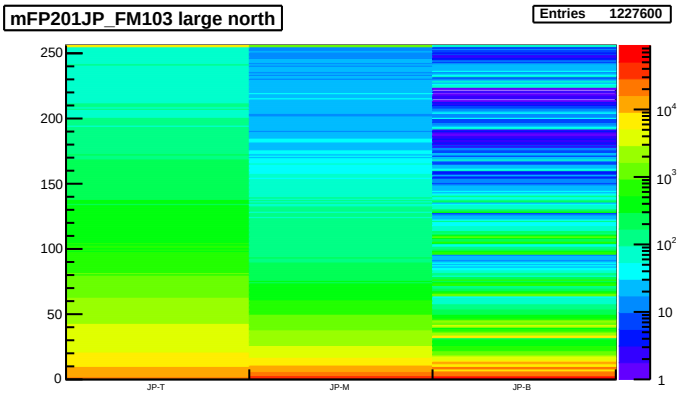

mFP201BSsim_FM104 large south
Entries 131509
279
1842
3539
12294
61455
52100
BS3
BS2
BS1-T
BS1-M
BS1-B

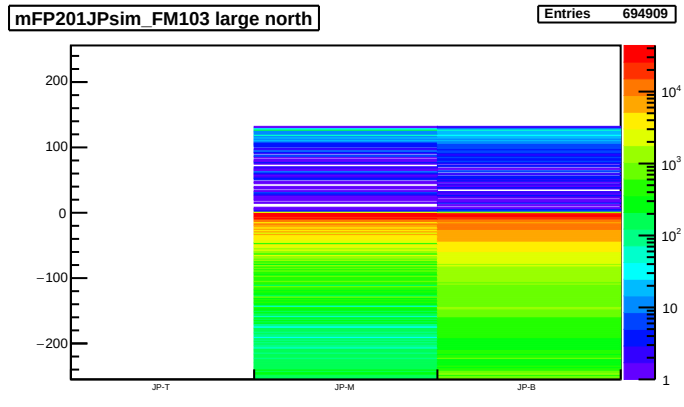

mFP201JP_FM101 small north
Entries 1227600
JP-T
JP-M
JP-B

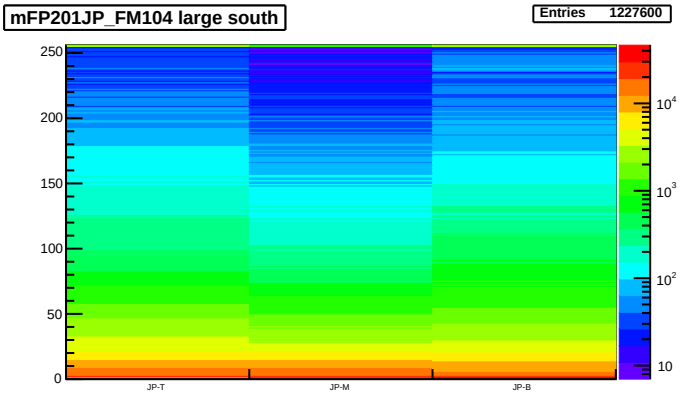

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

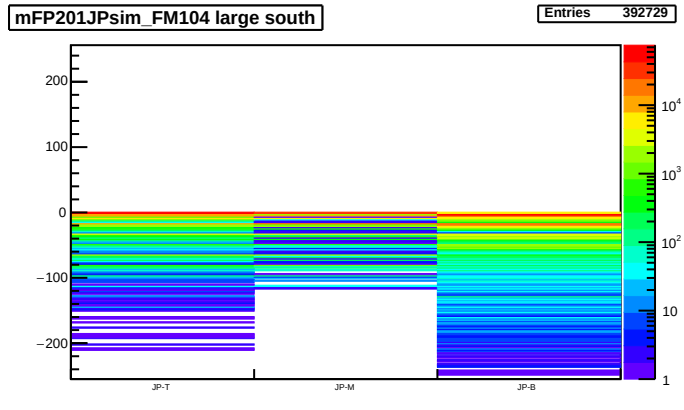

mFP201JP_FM102 small south
Entries 1227600
JP-T
JP-M
JP-B

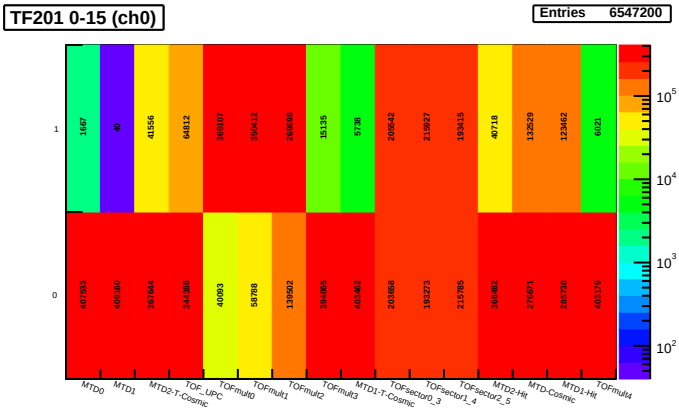

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

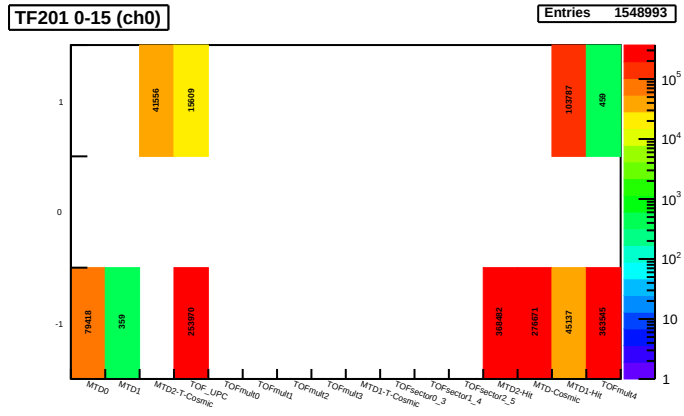

mFP201JP_FM103 large north
Entries 1227600
JP-T
JP-M
JP-B

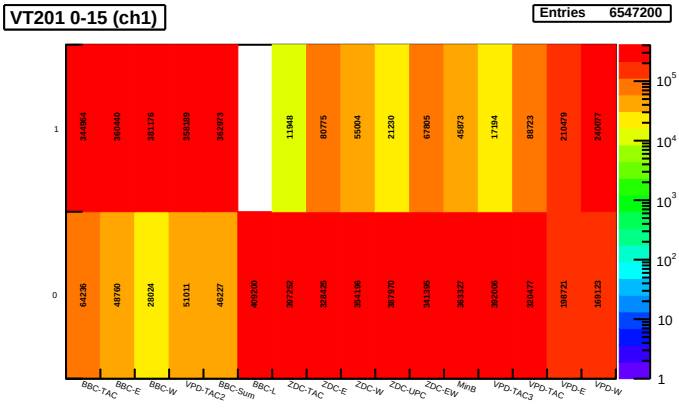

mFP201JPsim_FM103 large north
Entries 694909
JP-T
JP-M
JP-B

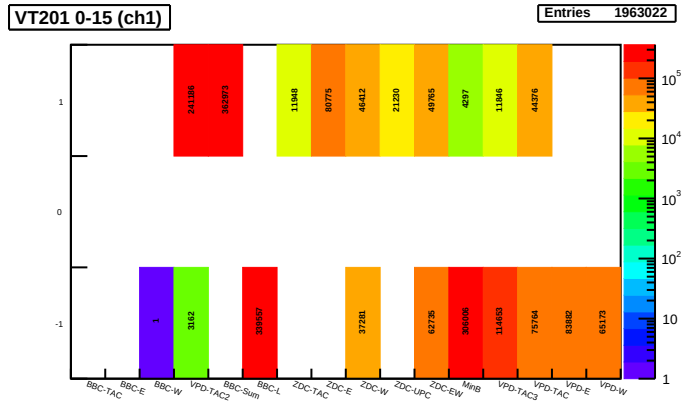

mFP201JP_FM104 large south
Entries 1227600
JP-T
JP-M
JP-B

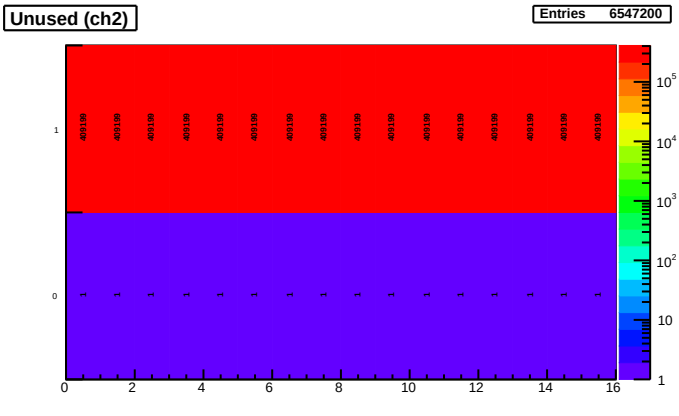

mFP201JPsim_FM104 large south
Entries 392729
JP-T
JP-M
JP-B

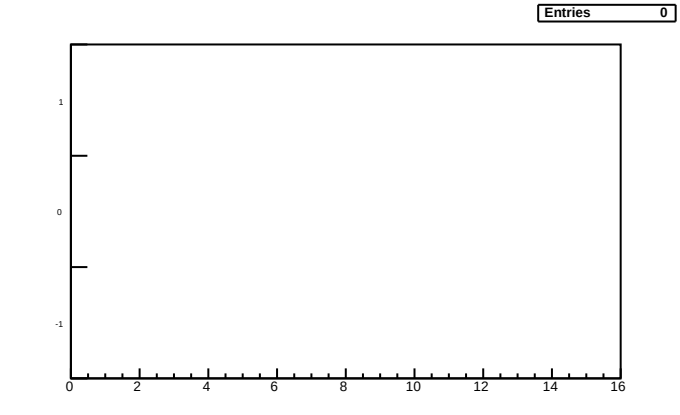

TF201 0-15 (ch0)
Entries 6547200
1 0
1667 40 41556 64812 369107 350412 269698 15135 5738 200542 219927 193415 40718 123529 123462 6021
407533 409160 367644 344888 40093 56788 139592 394065 403462 203658 193273 215785 368482 276671 285738 403179
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4
10^5 10^4 10^3 10^2

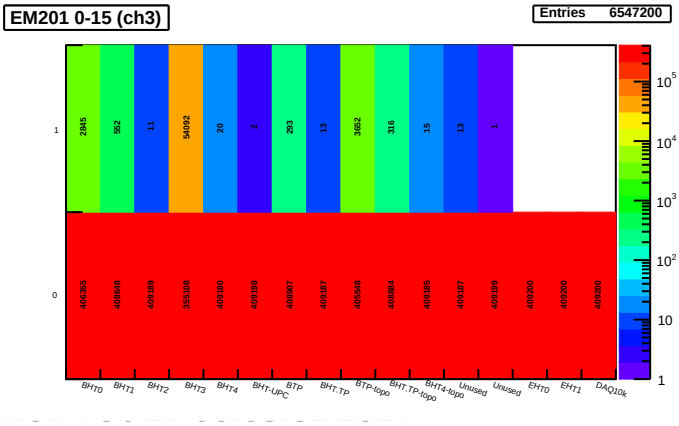

TF201 0-15 (ch0)
Entries 1548993
1 0 -1
41556 15609 103787 439
79418 359 253970 368482 276671 45137 363541
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4
10^5 10^4 10^3 10^2 10 1

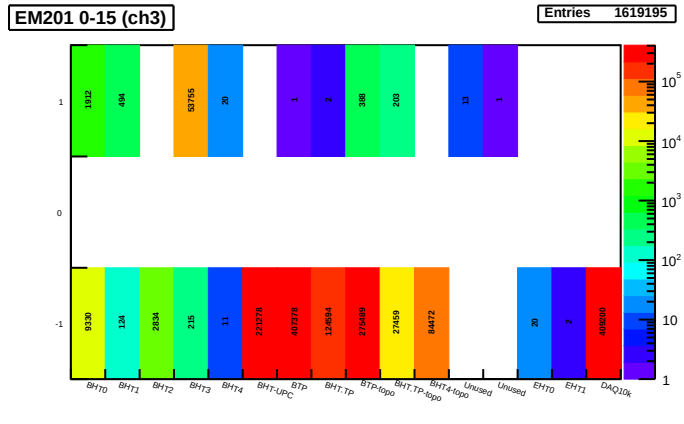

VT201 0-15 (ch1)
Entries 6547200
1 0
344864 360440 381176 368189 362873 11948 80775 55004 21230 67805 45873 17194 80723 210479 240077
64236 48760 28024 51011 46227 409200 397252 328425 354196 307970 341395 363327 392006 320477 198721 169123
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W
10^5 10^4 10^3 10^2 10 1


VT201 0-15 (ch1)
Entries 1963022
1 0 -1
241186 362973 11948 80775 46412 21230 49765 4297 11846 44376
1 3162 399957 37281 62735 306006 114653 75764 83882 65173
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
10^5 10^4 10^3 10^2 10 1

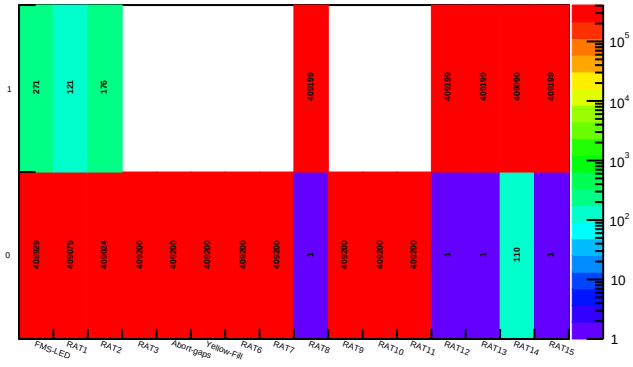

Unused (ch2)
Entries 6547200
1 0
409189 409189 409189 409189 409189 409189 409189 409189 409189 409189 409189 409189 409189 409189 409189 409189
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0 2 4 6 8 10 12 14 16
10^5 10^4 10^3 10^2 10 1


Entries 0
1 0 -1
0 2 4 6 8 10 12 14 16

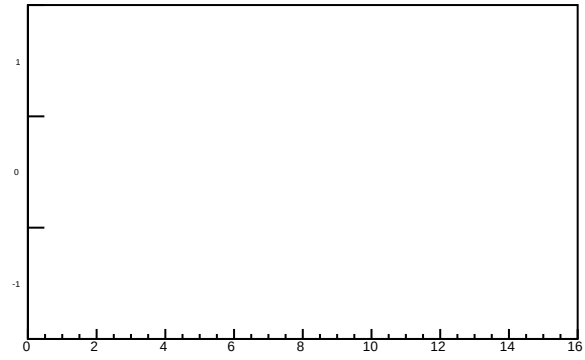

EM201 0-15 (ch3)
Entries 6547200
1 0
2845 552 11 54092 20 2 293 13 3652 316 15 13 1
406355 408648 409189 355168 409180 409198 409187 409187 405548 408884 409185 409187 409199 409200 409200 409200
BH10 BH11 BH12 BH13 BH14 BH1-UPC BTP BH1-TP BTP-topo BH1-TP-topo BH14-topo Unused Unused EH10 EH11 DAQ10k
10^5 10^4 10^3 10^2 10 1


EM201 0-15 (ch3)
Entries 1619195
1 0 -1
1912 494 53755 20 1 2 388 203 13 1
9330 124 2834 215 11 221278 407378 124694 275489 27459 84472 20 2 409200
BH10 BH11 BH12 BH13 BH14 BH1-UPC BTP BH1-TP BTP-topo BH1-TP-topo BH14-topo Unused Unused EH10 EH11 DAQ10k
10^5 10^4 10^3 10^2 10 1

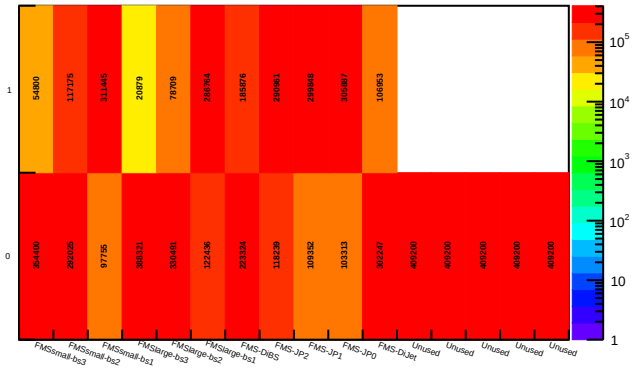
RAT board (ch4) Entries 6547200



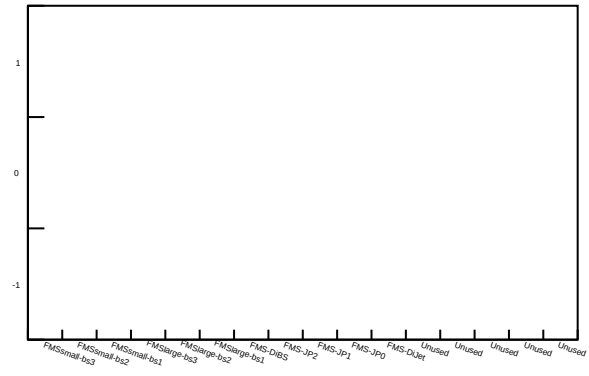
Entries 0



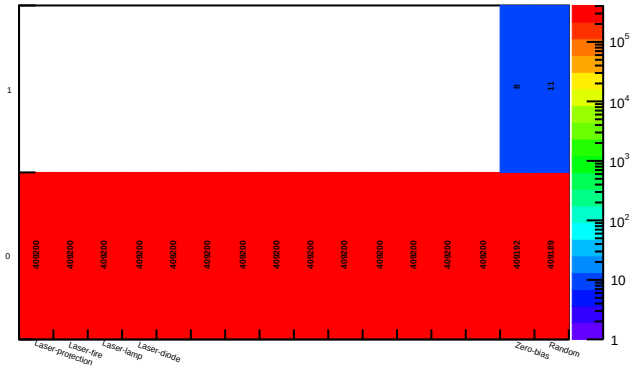
FP201 0-15 (ch5) Entries 6547200



FP201 0-15 (ch5) Entries 0



ST201 0-15 (ch6) Entries 6547200



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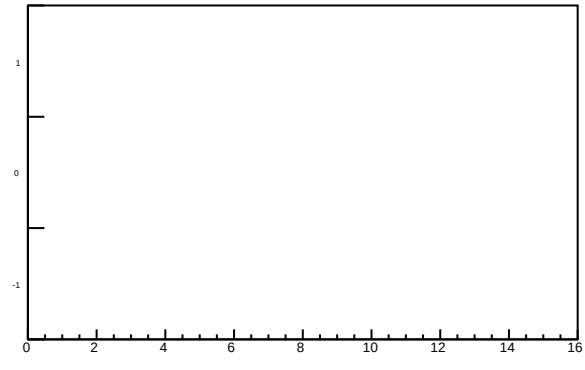

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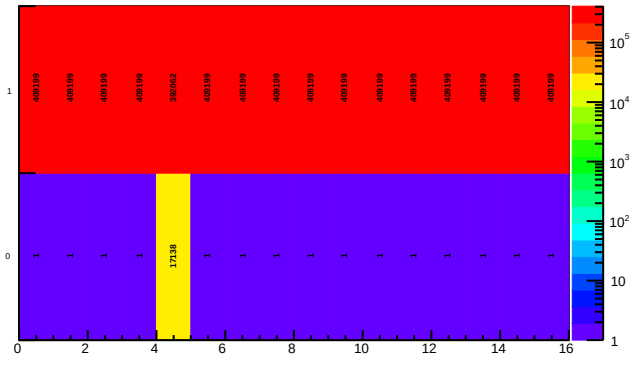
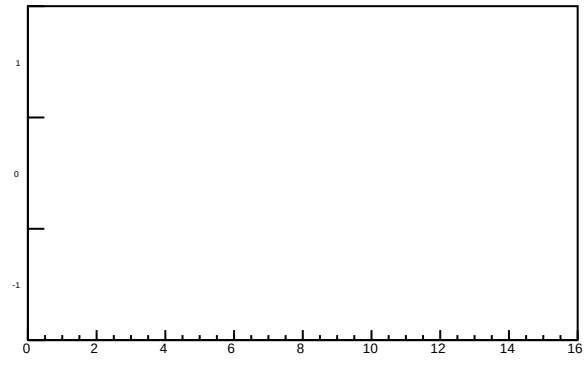
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