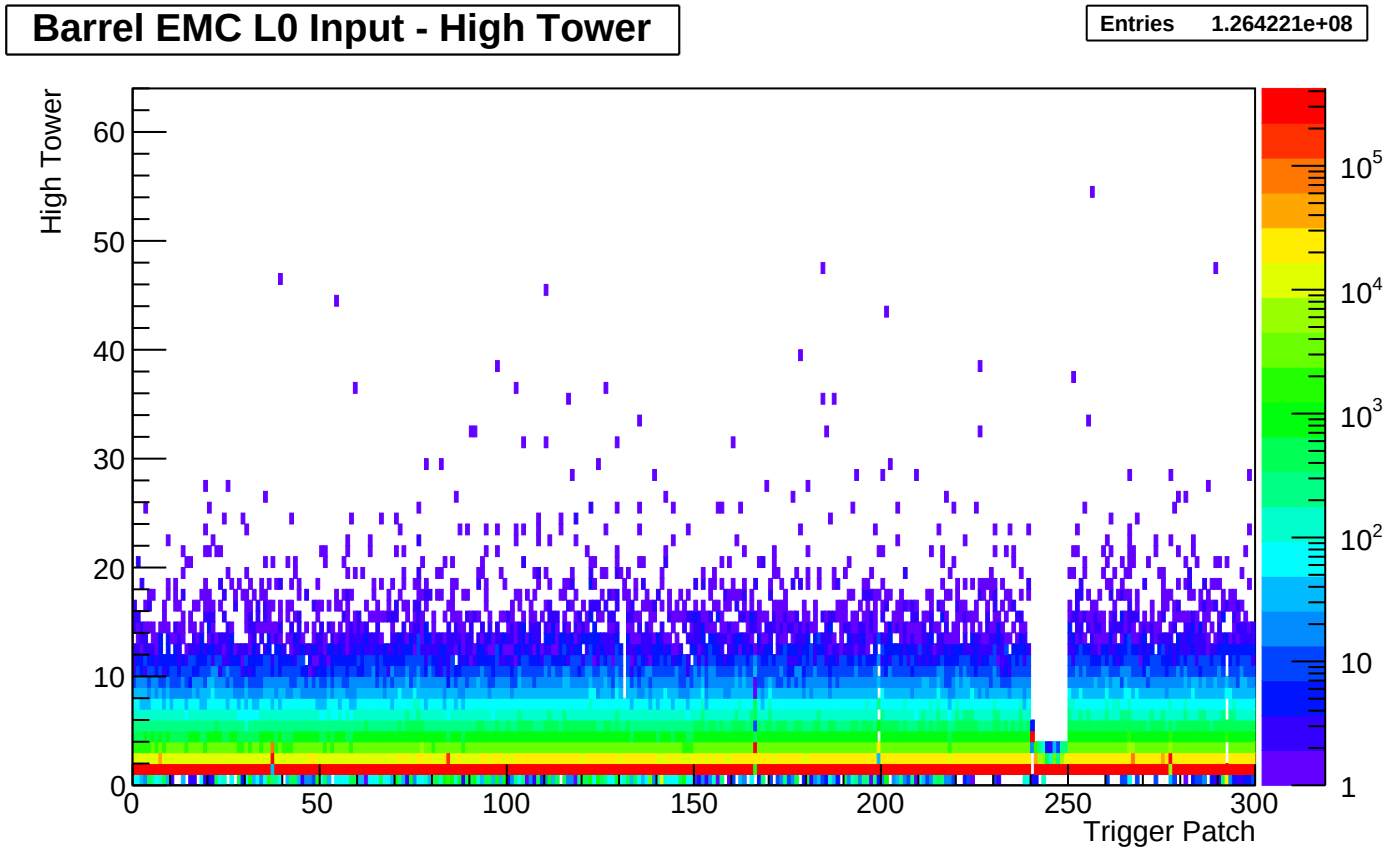
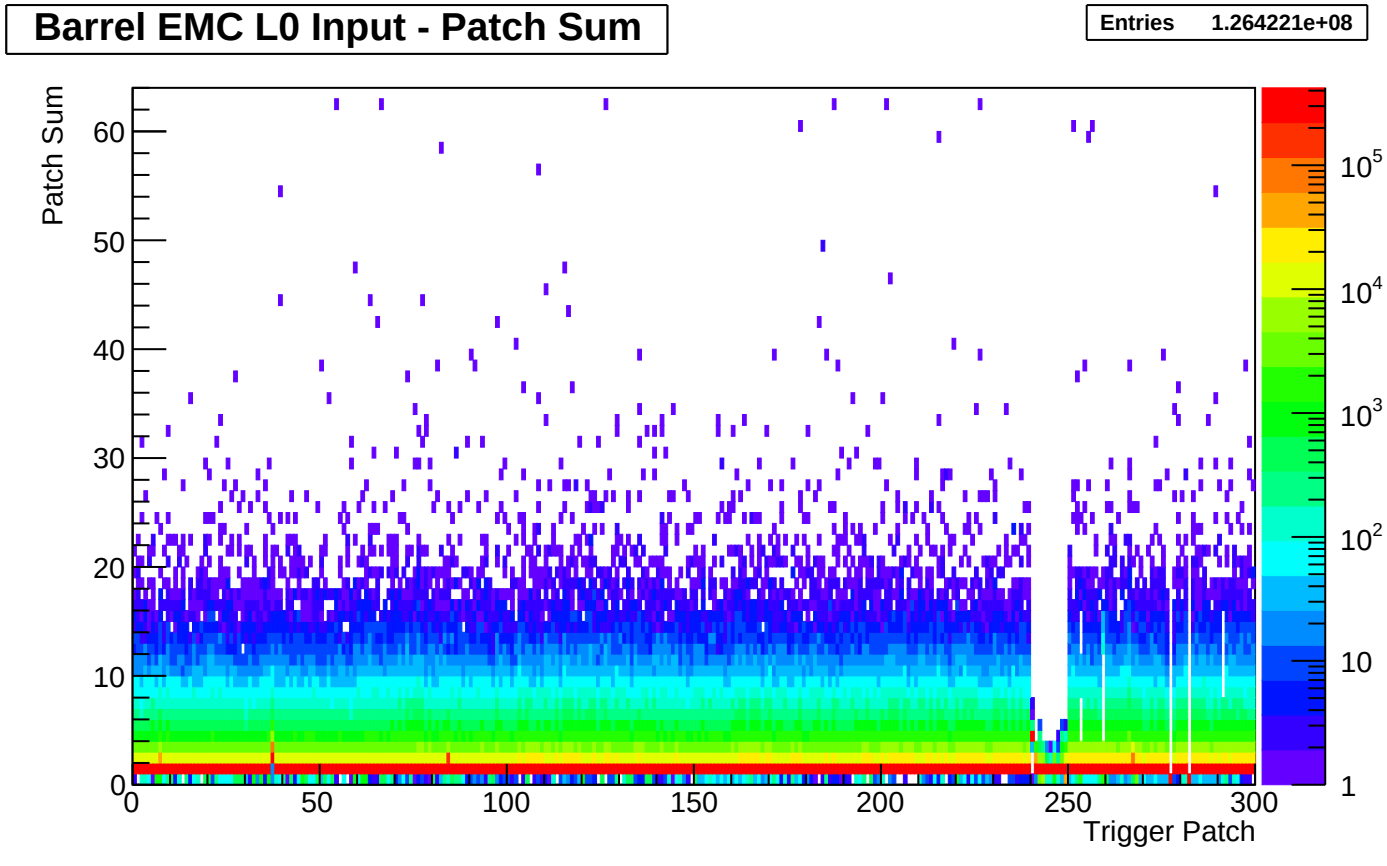
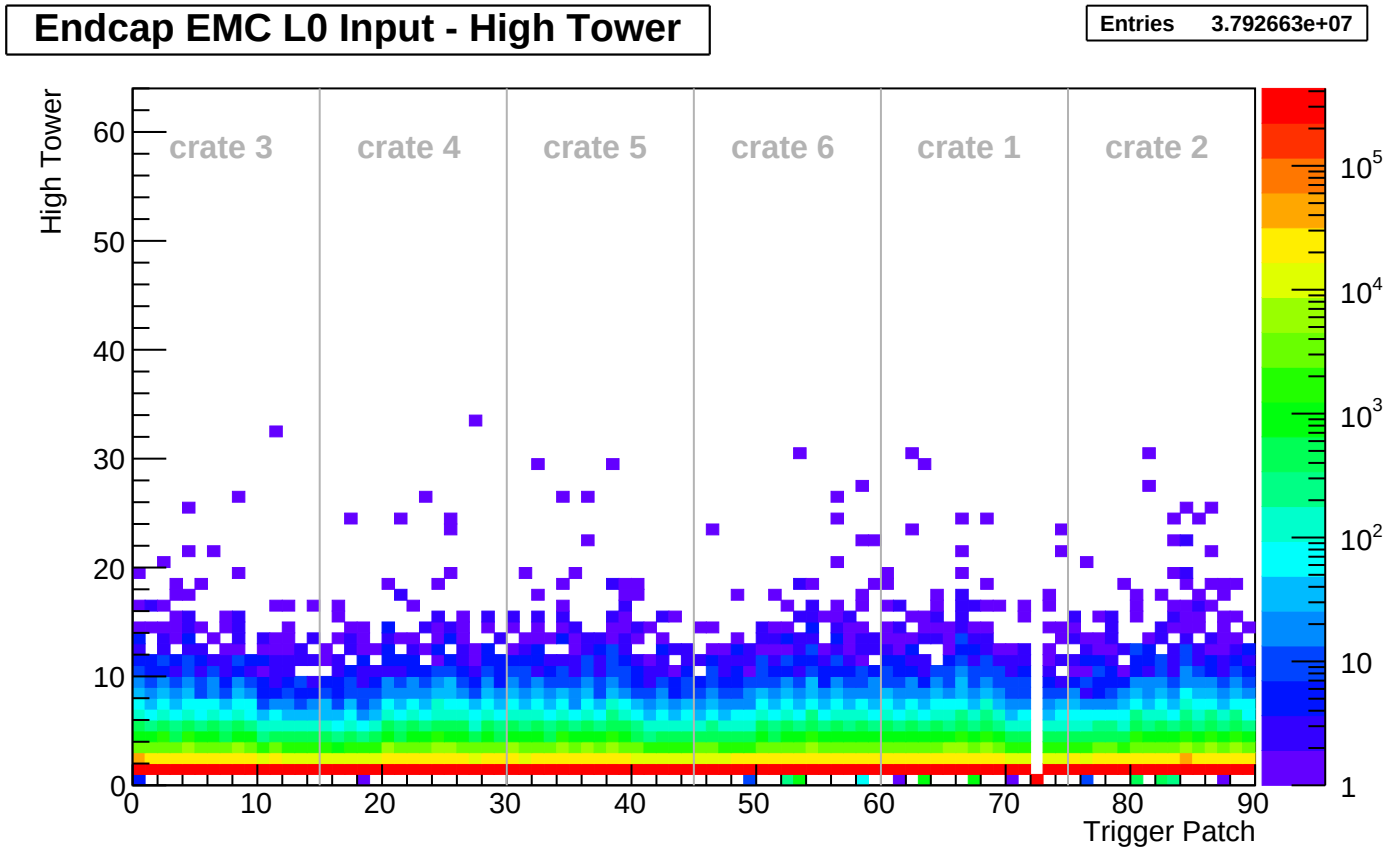
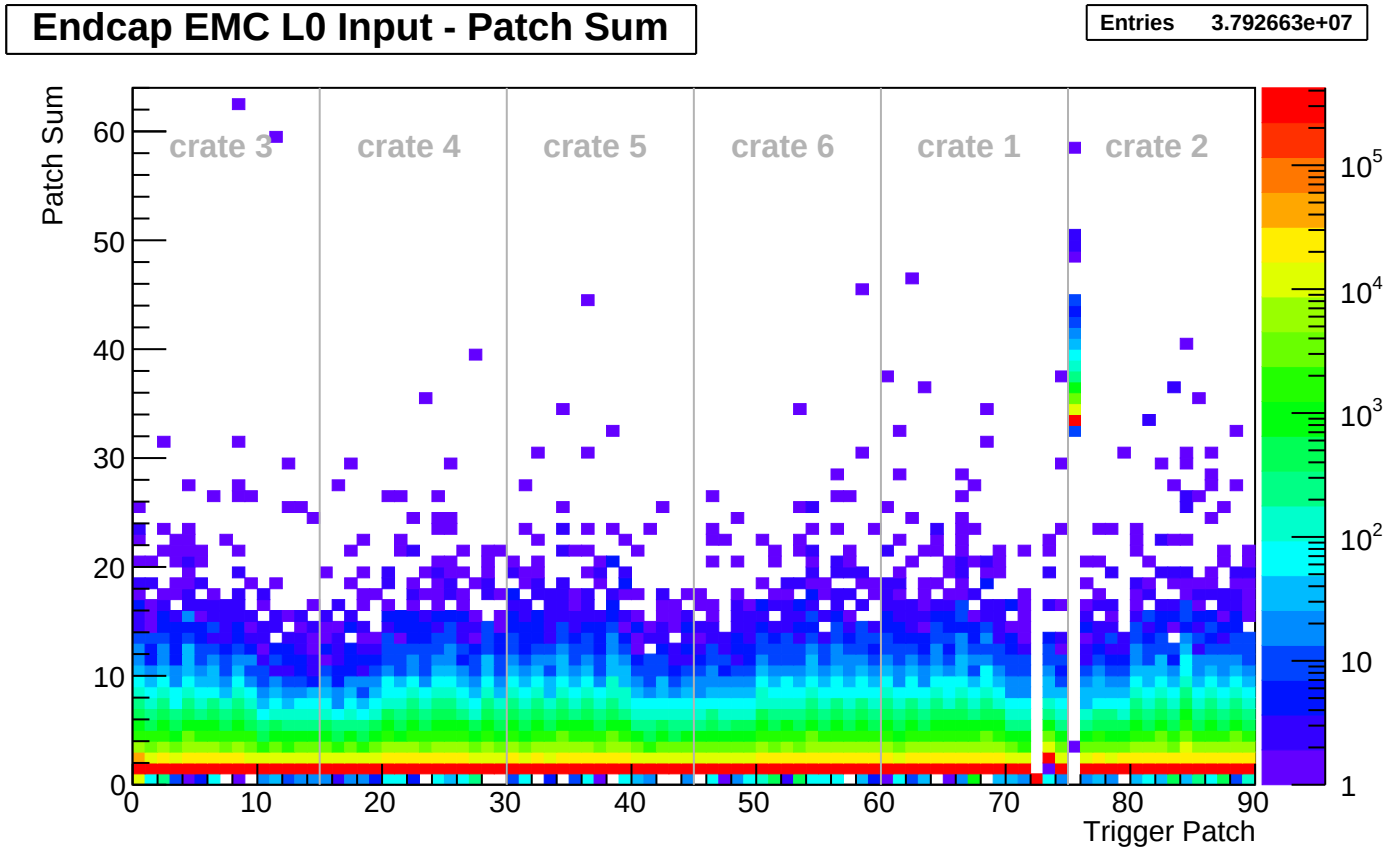
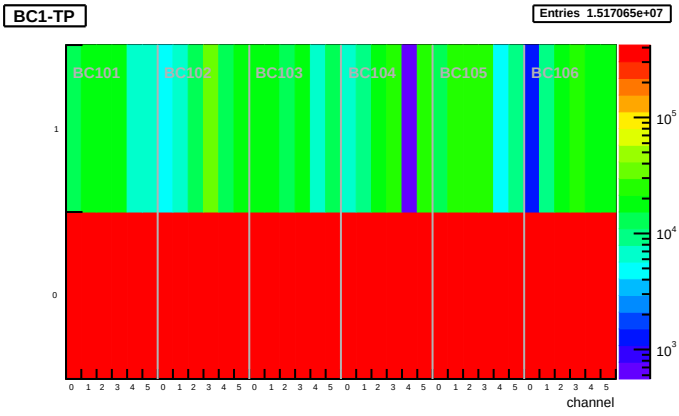
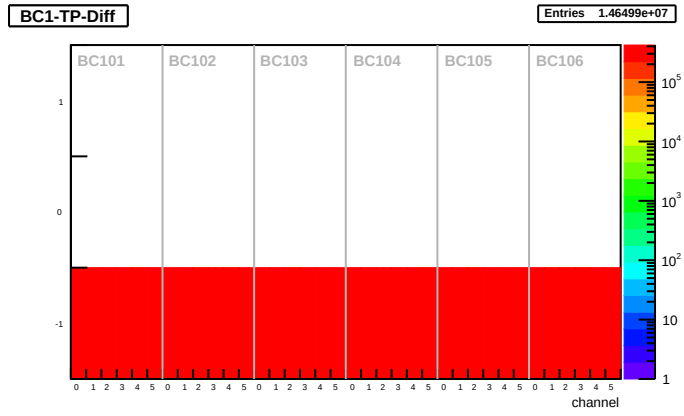

Barrel EMC L0 Input - High Tower
Entries 1.264221e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

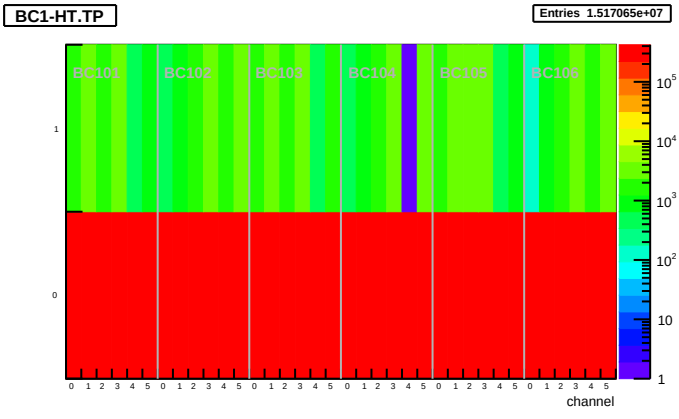

Barrel EMC L0 Input - Patch Sum
Entries 1.264221e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

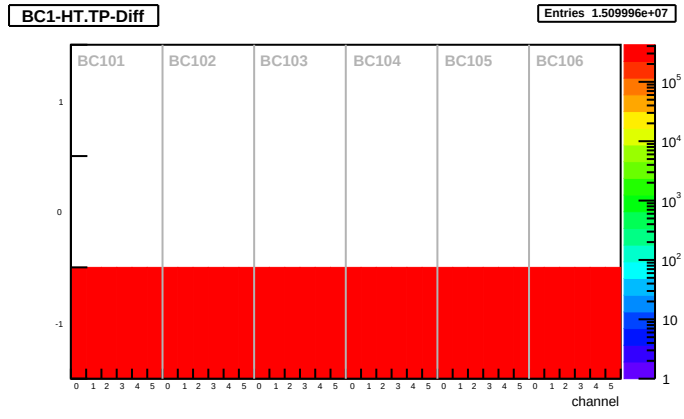

Endcap EMC L0 Input - High Tower
Entries 3.792663e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

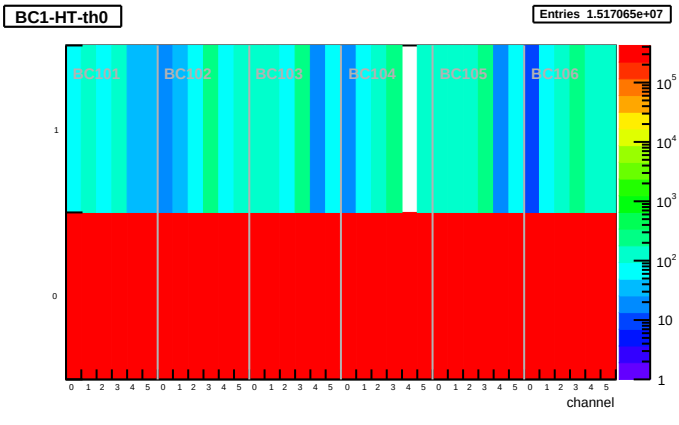

Endcap EMC L0 Input - Patch Sum
Entries 3.792663e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

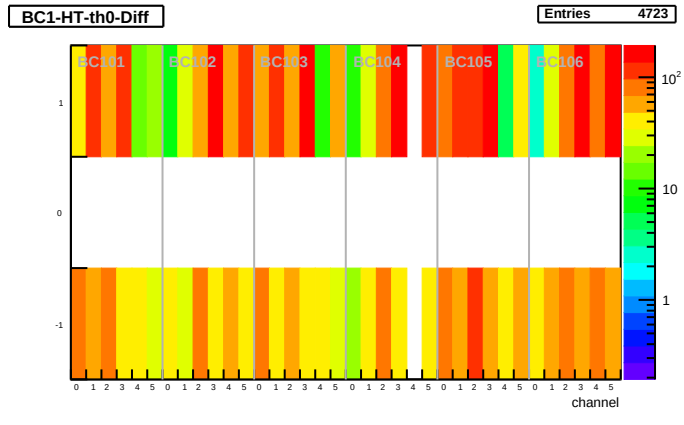

BC1-TP
Entries 1.517065e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

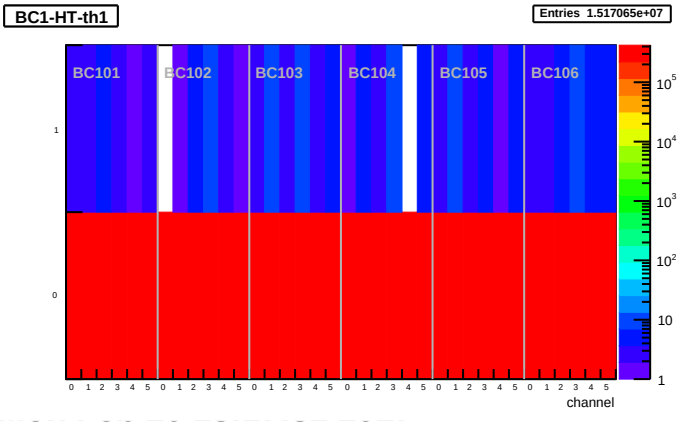

BC1-TP-Diff
Entries 1.46499e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

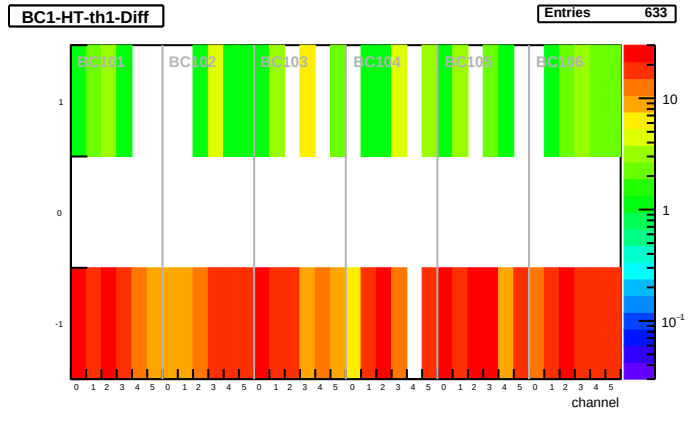

BC1-HT.TP
Entries 1.517065e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

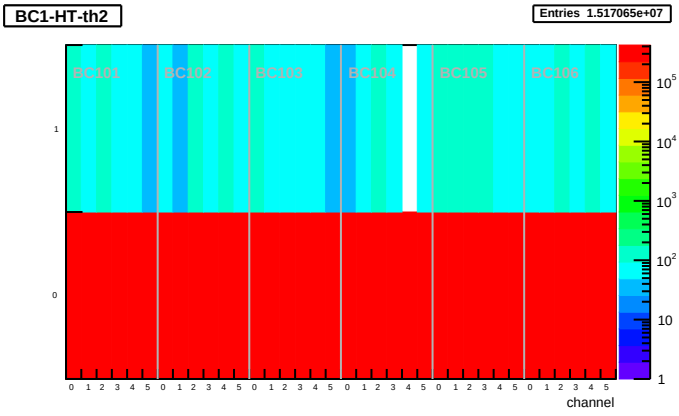

BC1-HT.TP-Diff
Entries 1.509996e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

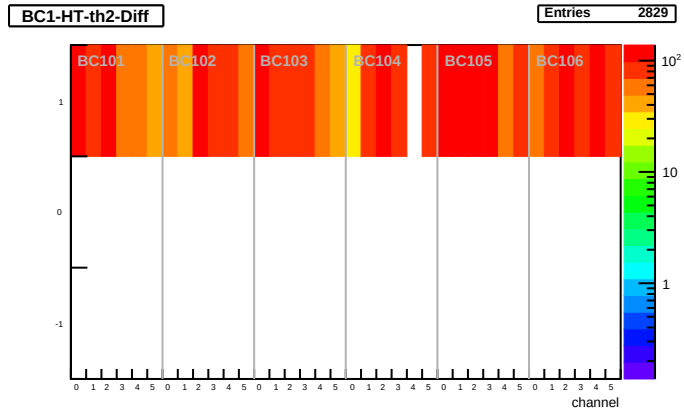

BC1-HT-th0
Entries 1.517065e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

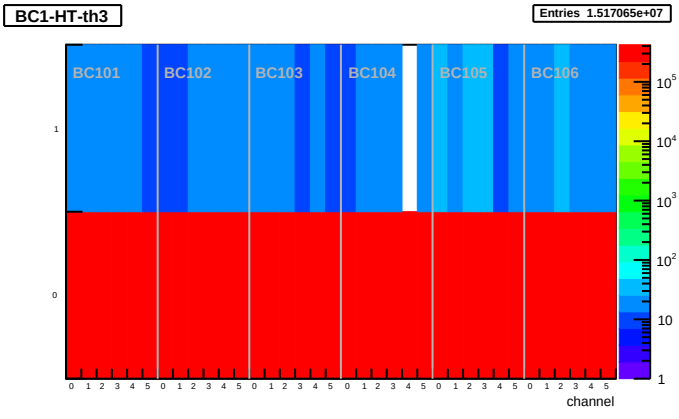

BC1-HT-th0-Diff
Entries 4723
BC101
BC102
BC103
BC104
BC105
BC106
channel

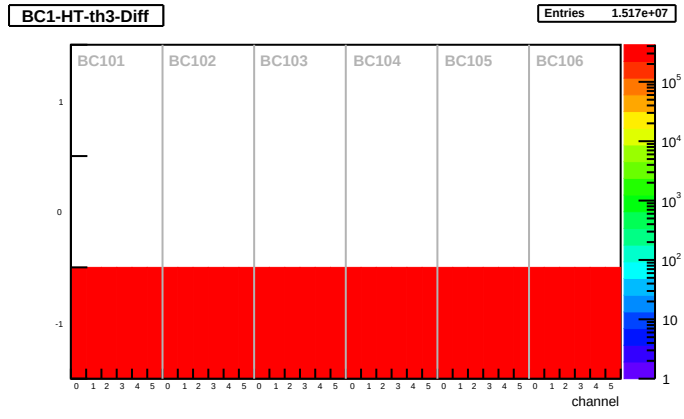

BC1-HT-th1
Entries 1.517065e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

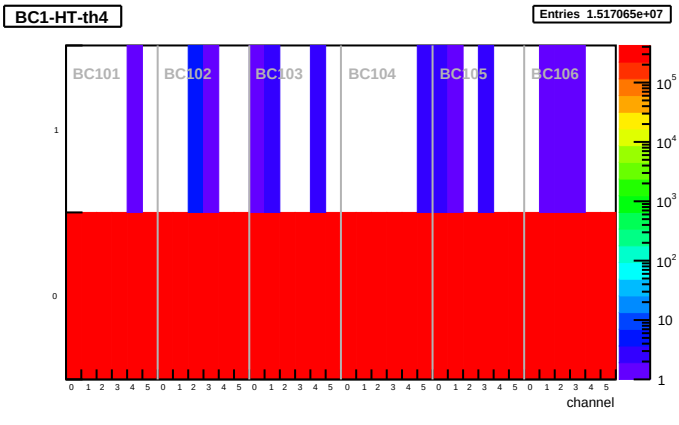

BC1-HT-th1-Diff
Entries 633
BC101
BC102
BC103
BC104
BC105
BC106
channel

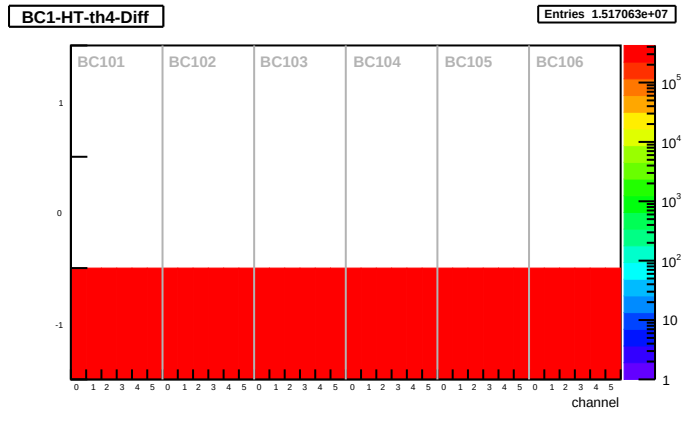

BC1-HT-th2
Entries 1.517065e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

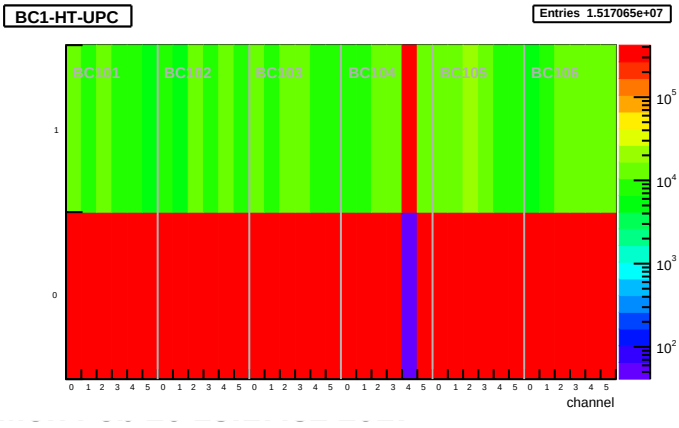

BC1-HT-th2-Diff
Entries 2829
BC101
BC102
BC103
BC104
BC105
BC106
channel

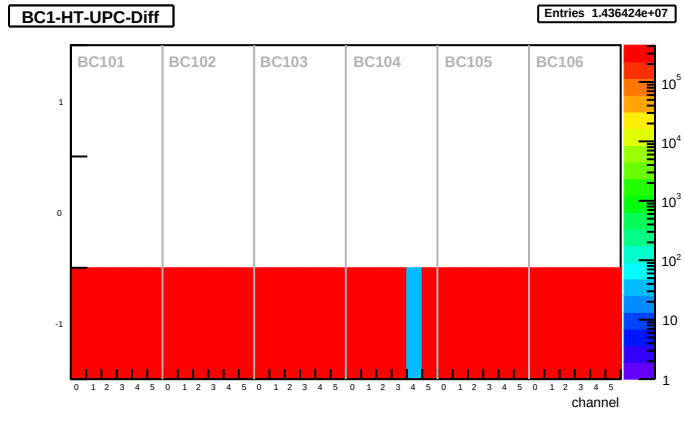

BC1-HT-th3
Entries 1.517065e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

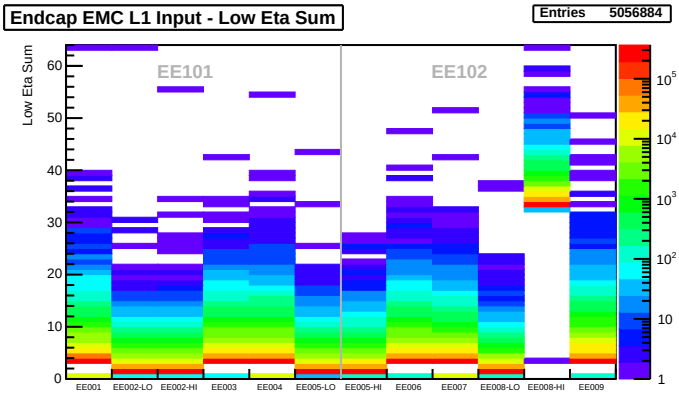

BC1-HT-th3-Diff
Entries 1.517e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

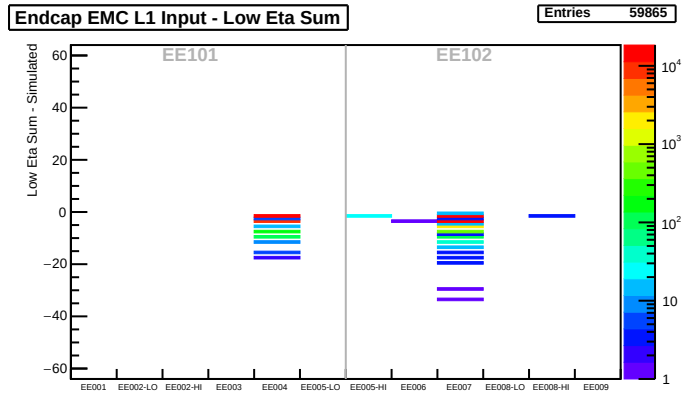

BC1-HT-th4
Entries 1.517065e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

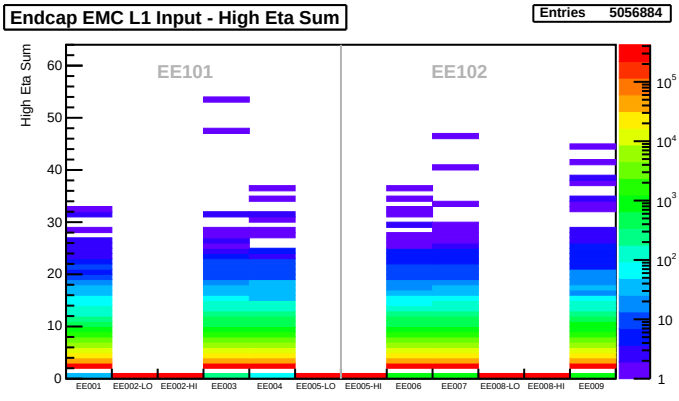

BC1-HT-th4-Diff
Entries 1.517063e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

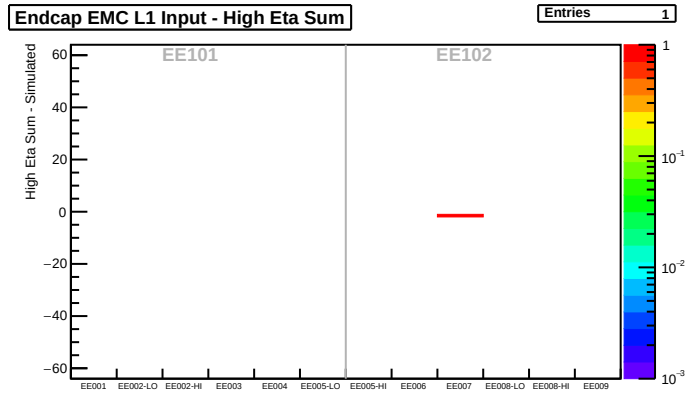

BC1-HT-UPC
Entries 1.517065e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

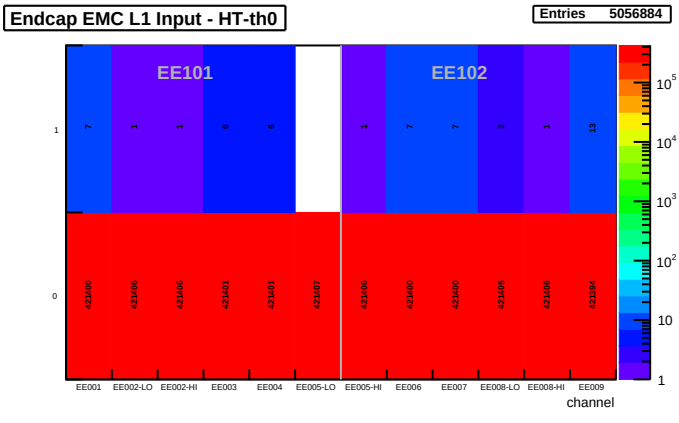

BC1-HT-UPC-Diff
Entries 1.436424e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

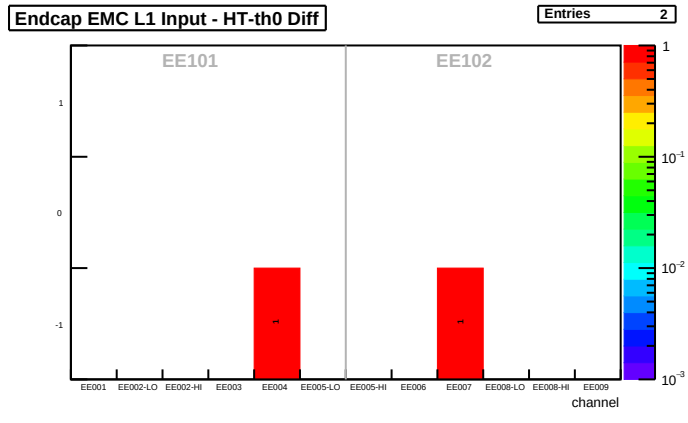

Endcap EMC L1 Input - Low Eta Sum
Entries 5056884
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

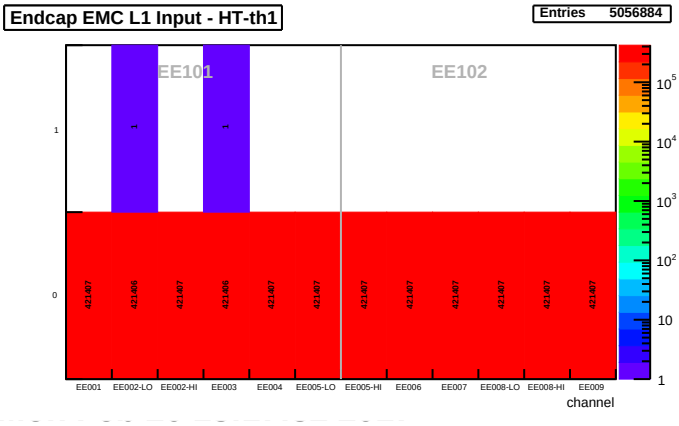

Endcap EMC L1 Input - Low Eta Sum
Entries 59865
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

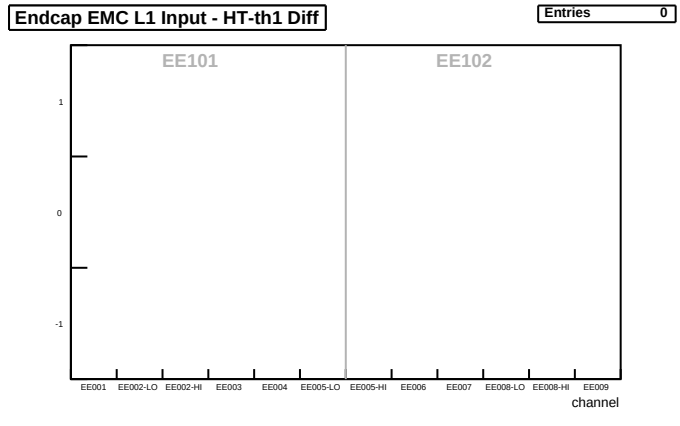

Endcap EMC L1 Input - High Eta Sum
Entries 5056884
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

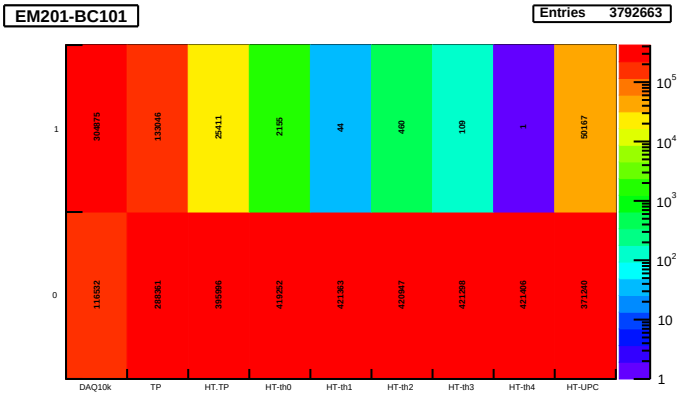

Endcap EMC L1 Input - High Eta Sum
Entries 1
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

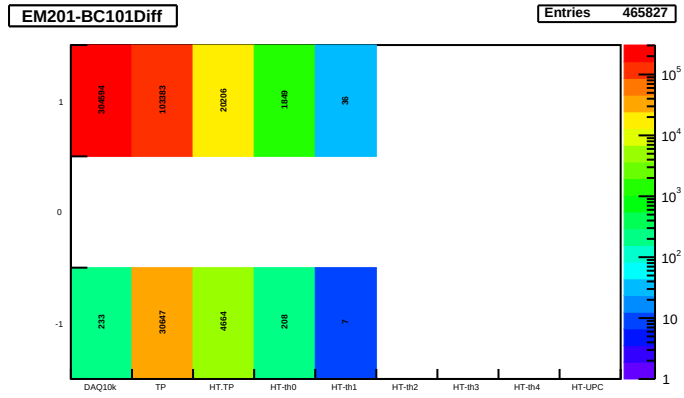

Endcap EMC L1 Input - HT-th0
Entries 5056884
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

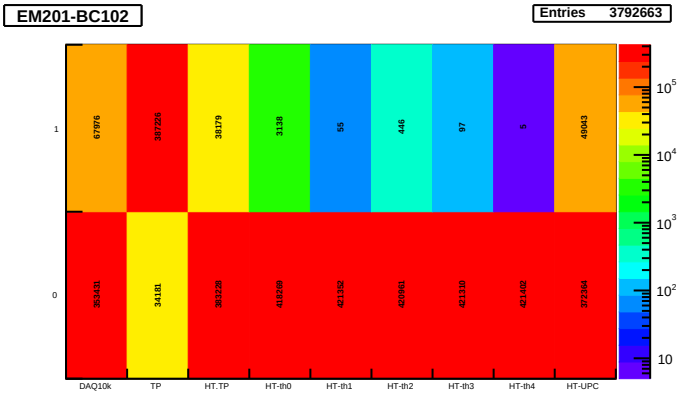

Endcap EMC L1 Input - HT-th0 Diff
Entries 2
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

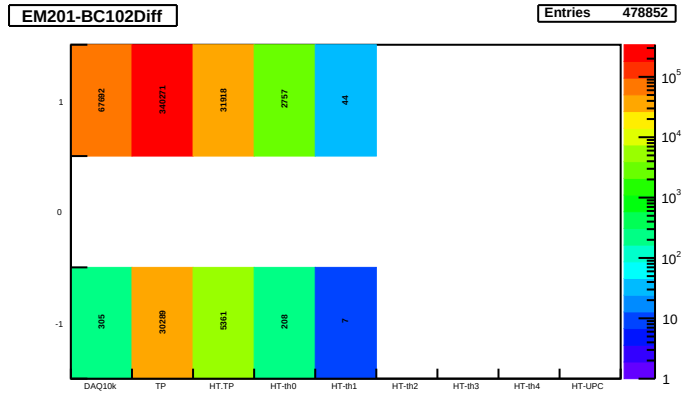

Endcap EMC L1 Input - HT-th1
Entries 5056884
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

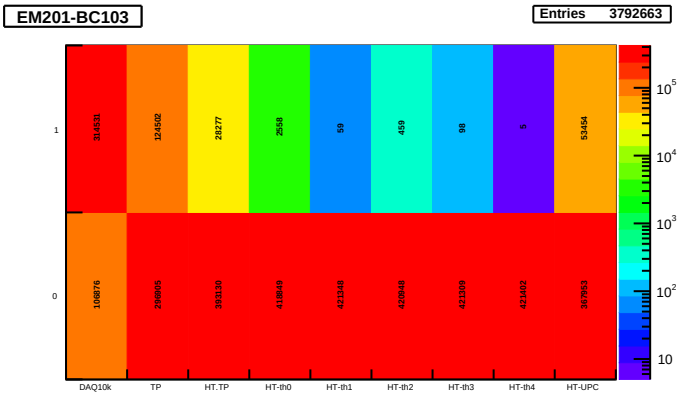

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

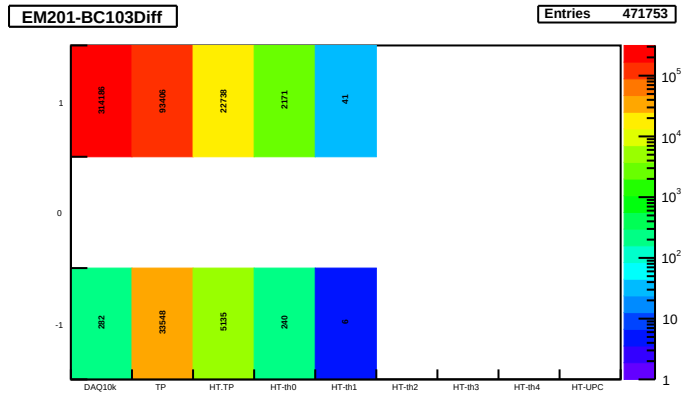

EM201-BC101
Entries 3792663
1
0
304875
113046
25411
2155
44
460
109
1
50167
116532
288361
395896
419252
421363
420947
421298
421406
371240
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

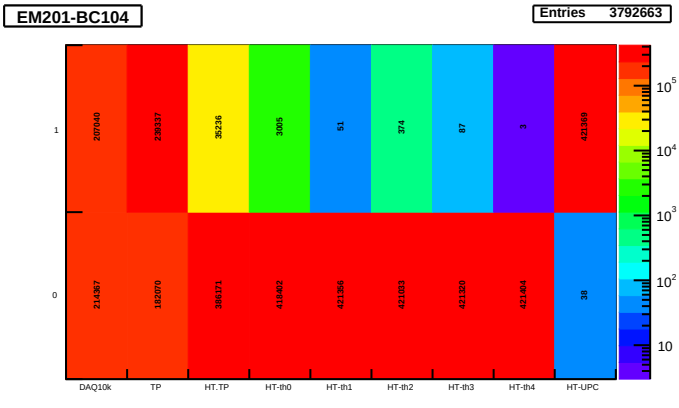

EM201-BC101Diff
Entries 465827
1
0
-1
304594
103383
20206
1849
36
233
30647
4664
208
7
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

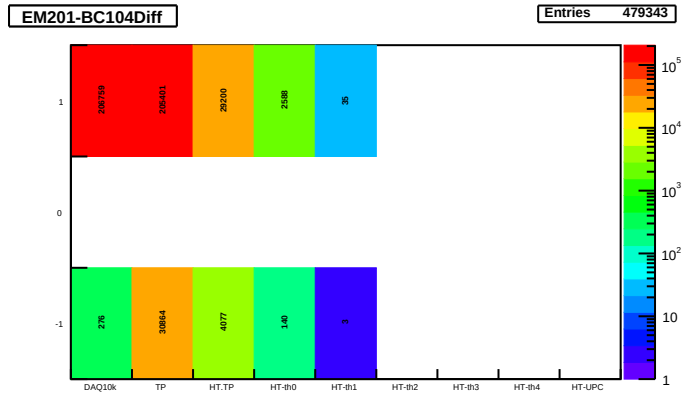

EM201-BC102
Entries 3792663
1
0
67976
387226
38179
3138
55
446
97
5
49043
353431
34181
383228
418269
421352
420961
421310
421402
372384
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10


EM201-BC102Diff
Entries 478852
1
0
-1
67692
340271
31918
2757
44
305
30289
5361
208
7
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

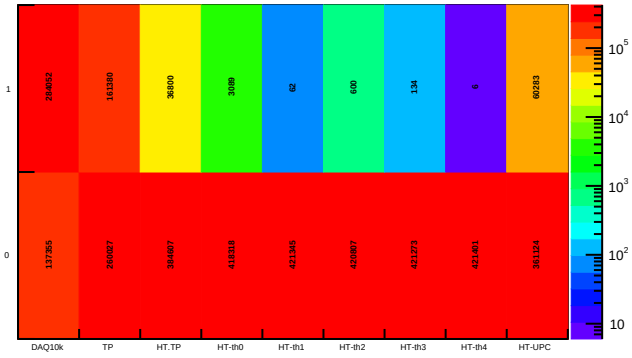

EM201-BC103
Entries 3792663
1
0
314531
124502
28277
2538
59
459
98
5
53454
108876
298005
393130
418449
421348
420948
421399
421402
367953
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10


EM201-BC103Diff
Entries 471753
1
0
-1
314186
93406
22738
2171
41
282
33548
5135
240
6
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

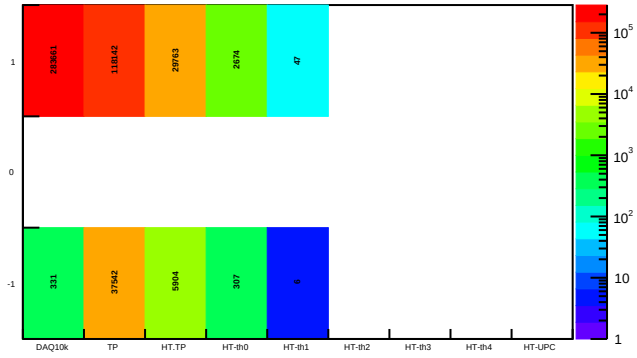

EM201-BC104
Entries 3792663
1
0
207040
239337
35236
3005
51
374
87
3
421369
214387
182070
386171
418402
421356
421033
421320
421404
38
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10


EM201-BC104Diff
Entries 479343
1
0
-1
236759
205401
28200
2988
35
276
30864
4077
140
3
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

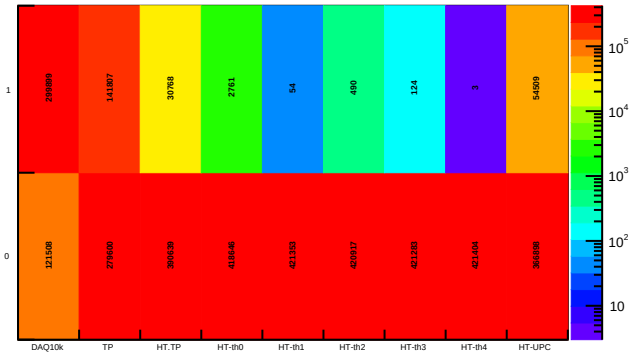
EM201-BC105 Entries 3792663



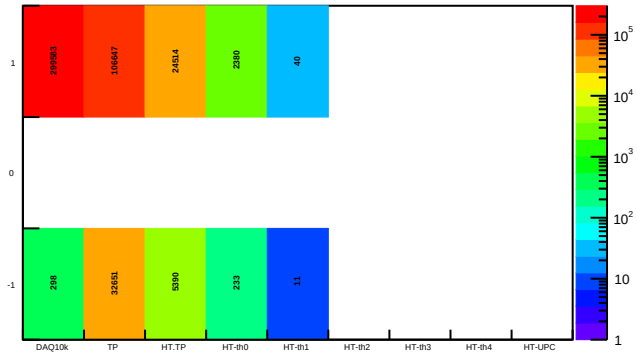
EM201-BC105Diff Entries 478377



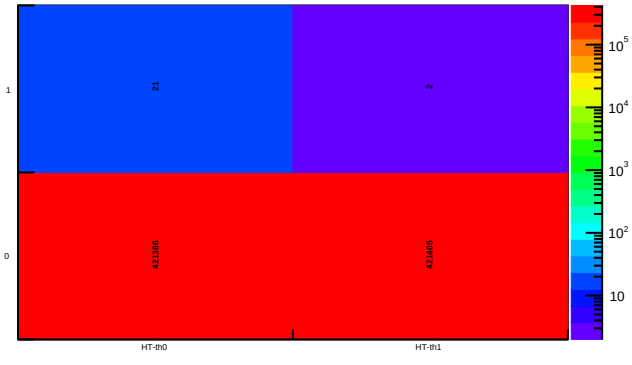
EM201-BC106 Entries 3792663



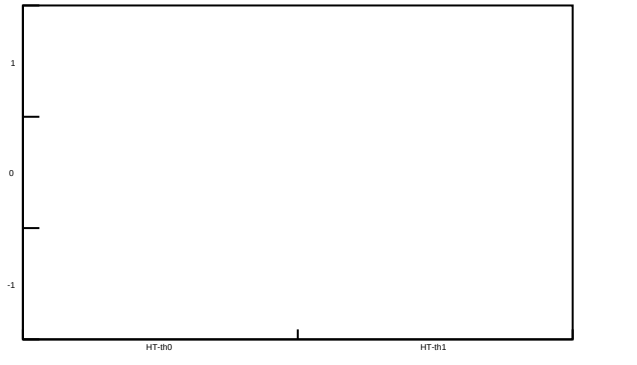
EM201-BC106Diff Entries 471747



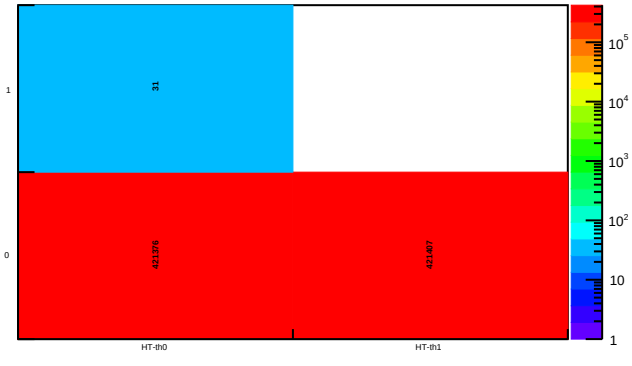
EM201-EE101 Entries 842814



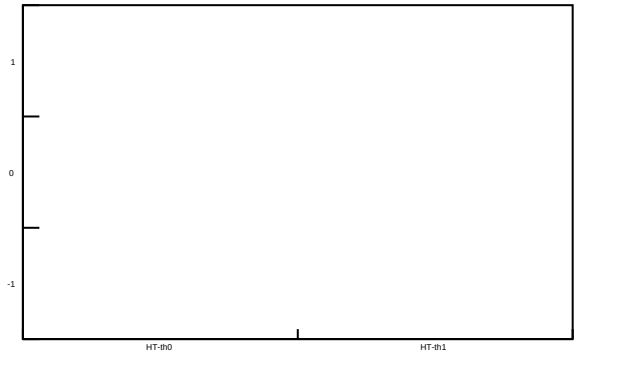
EM201-EE101Diff Entries 0

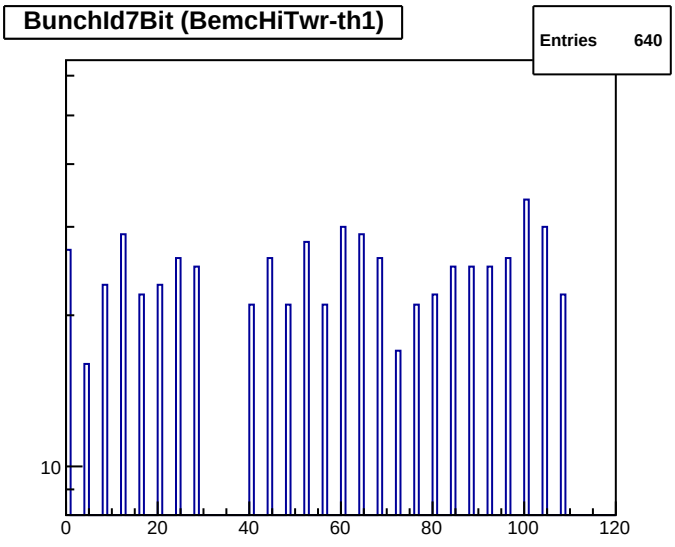


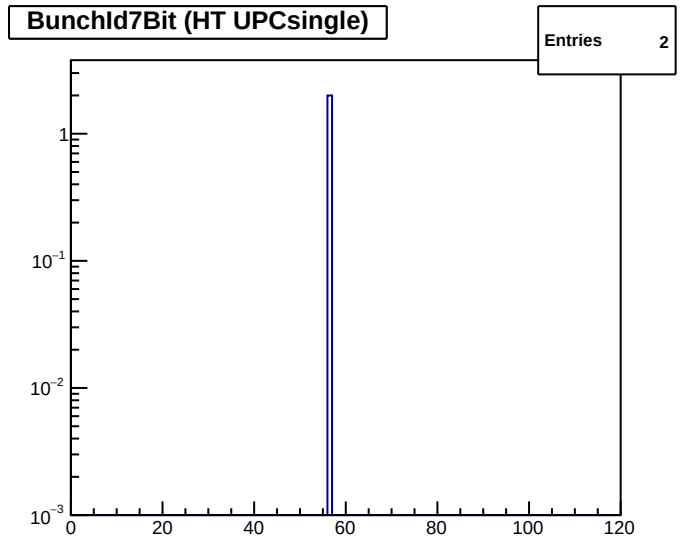
EM201-EE102 Entries 842814

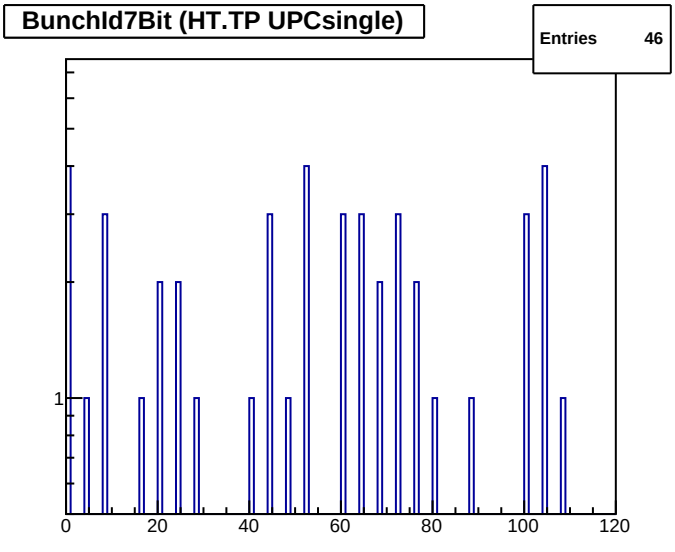


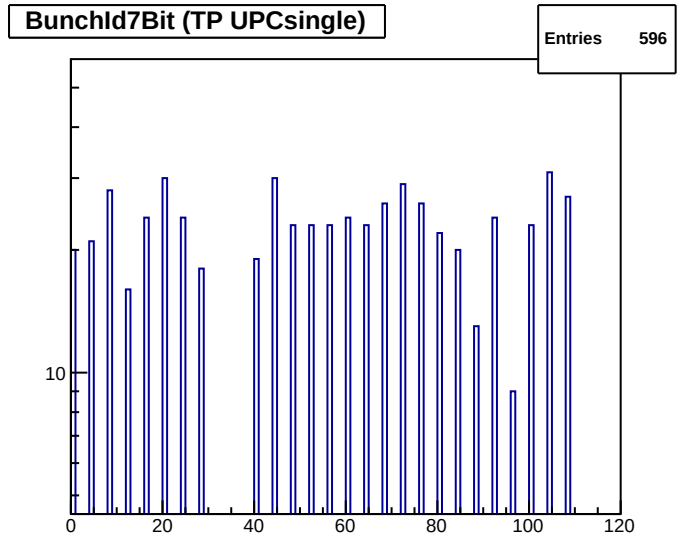
EM201-EE102Diff Entries 0

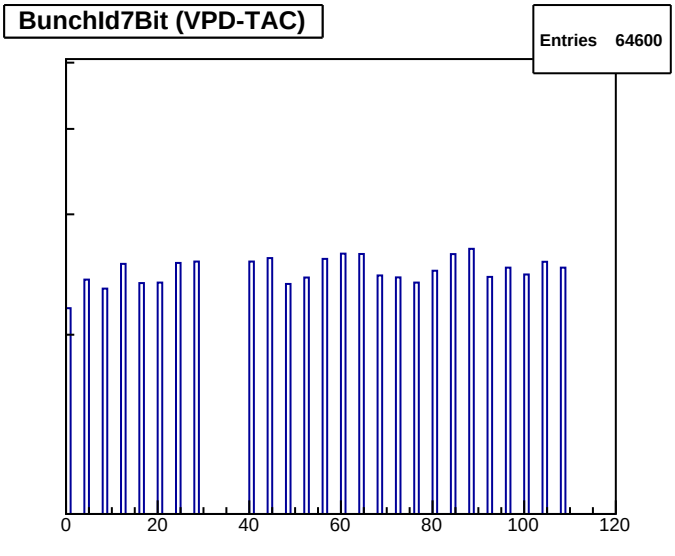


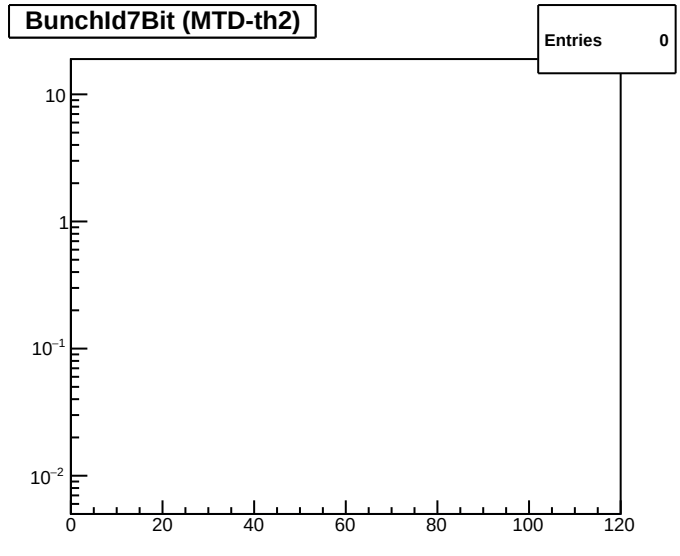

BunchId7Bit (BemcHiTwr-th1)
Entries 640
10
0 20 40 60 80 100 120

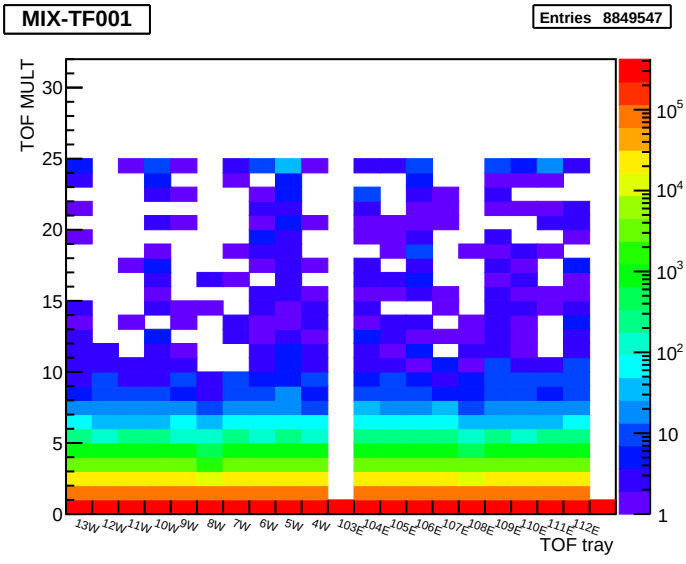

BunchId7Bit (HT UPCsingle)
Entries 2
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

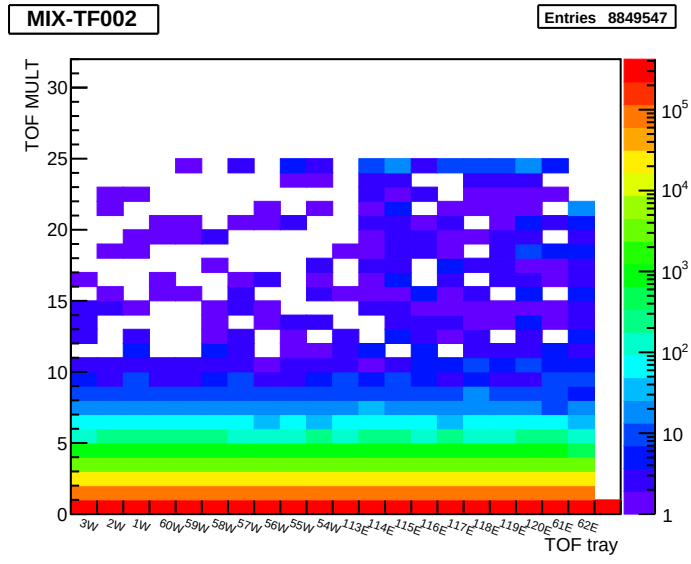

BunchId7Bit (HT.TP UPCsingle)
Entries 46
1
0 20 40 60 80 100 120

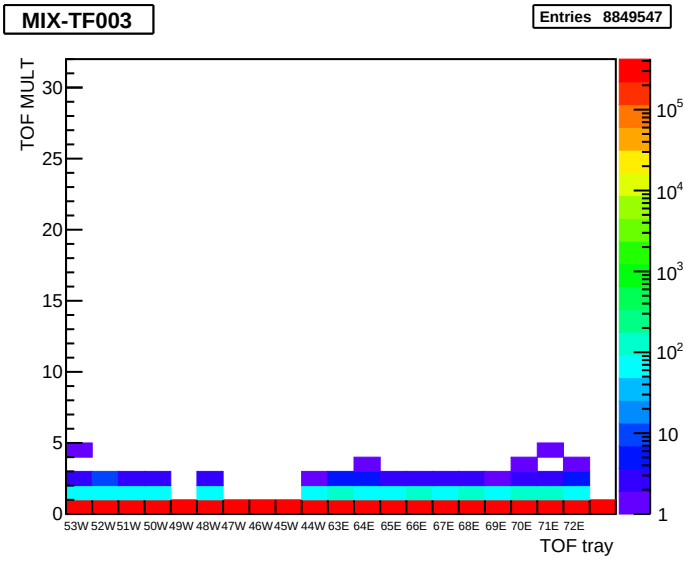

BunchId7Bit (TP UPCsingle)
Entries 596
10
0 20 40 60 80 100 120

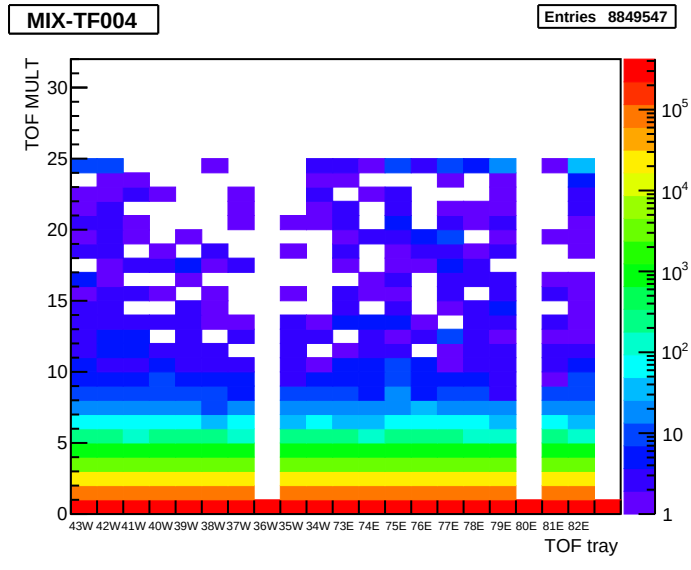

BunchId7Bit (VPD-TAC)
Entries 64600
0 20 40 60 80 100 120

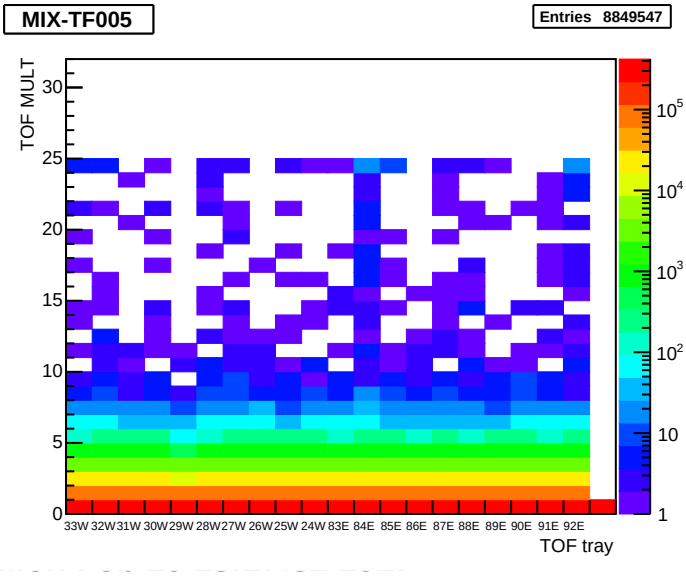

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

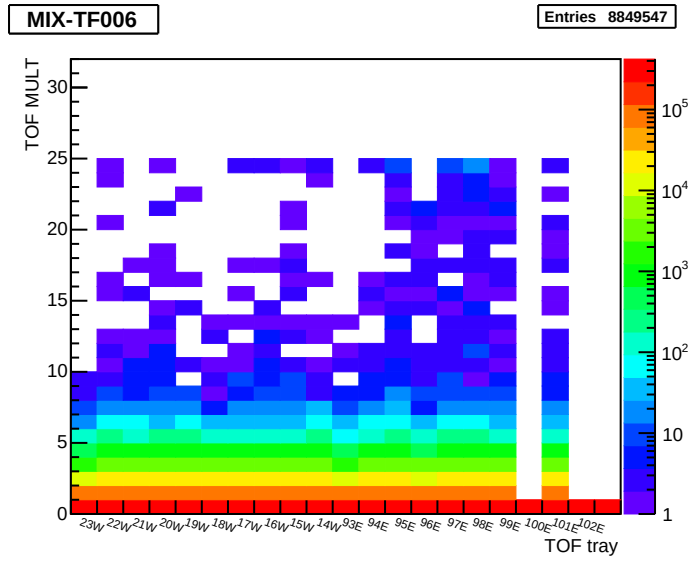

MIX-TF001
Entries 8849547
TOF MULT
TOF tray

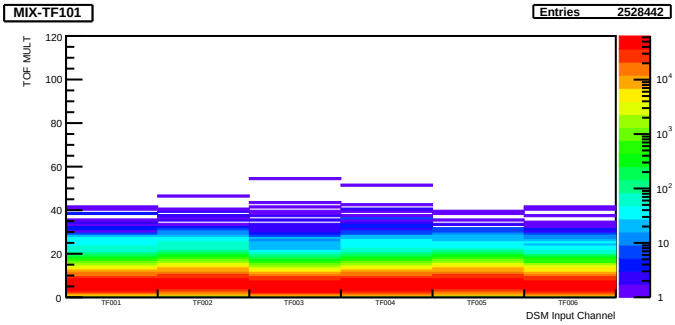

MIX-TF002
Entries 8849547
TOF MULT
TOF tray

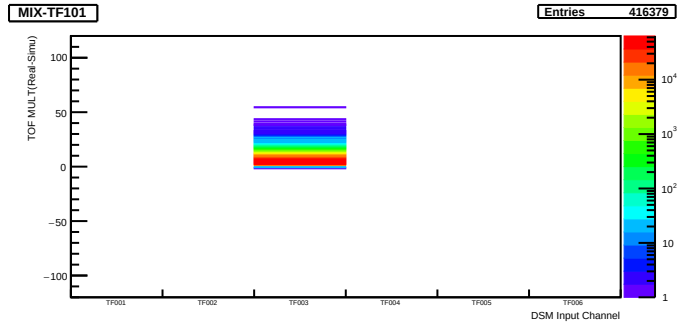

MIX-TF003
Entries 8849547
TOF MULT
TOF tray

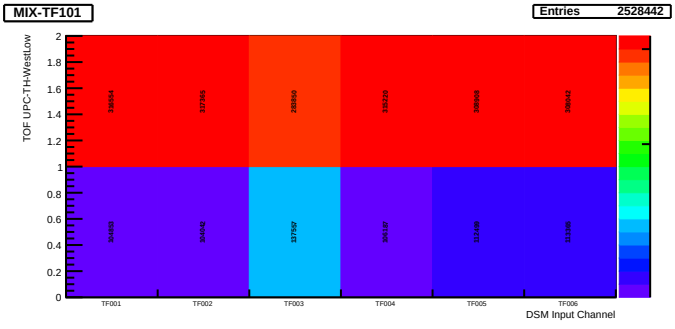

MIX-TF004
Entries 8849547
TOF MULT
TOF tray

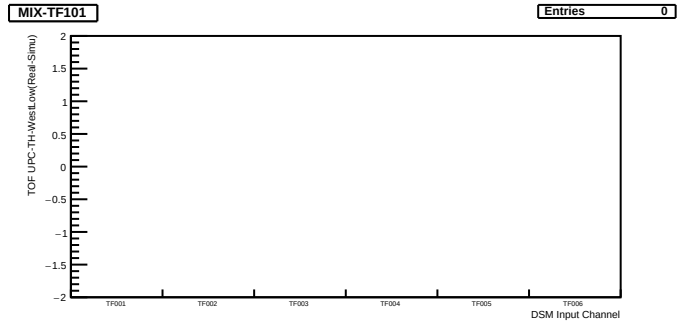

MIX-TF005
Entries 8849547
TOF MULT
TOF tray

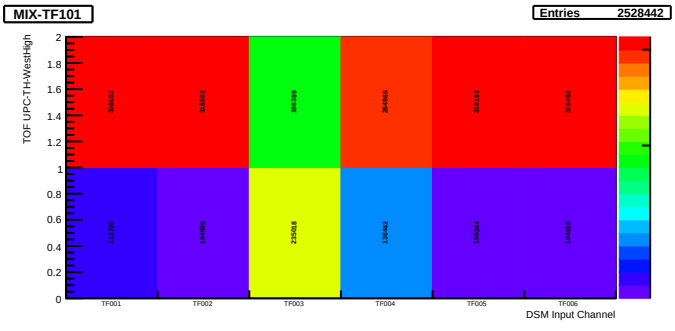

MIX-TF006
Entries 8849547
TOF MULT
TOF tray

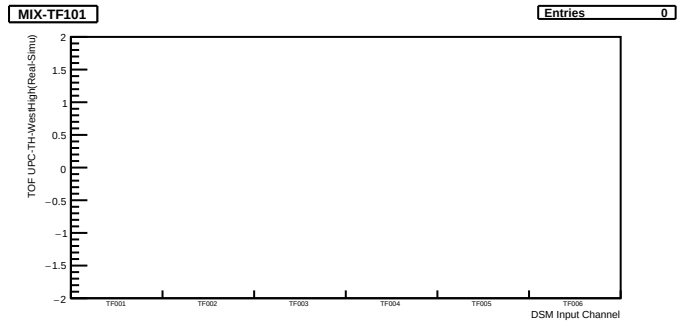

MIX-TF101
Entries 2528442
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

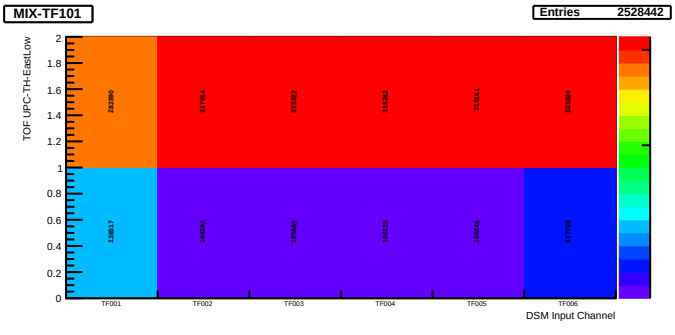

MIX-TF101
Entries 416379
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

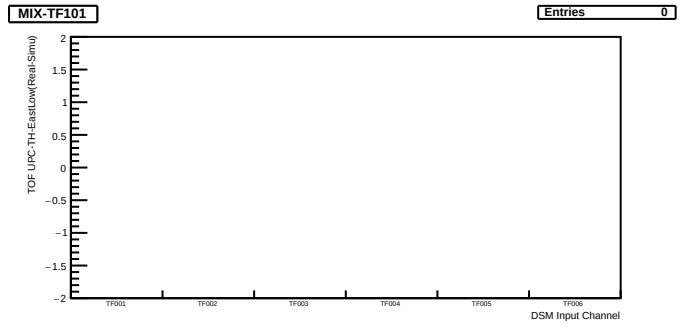

MIX-TF101
Entries 2528442
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

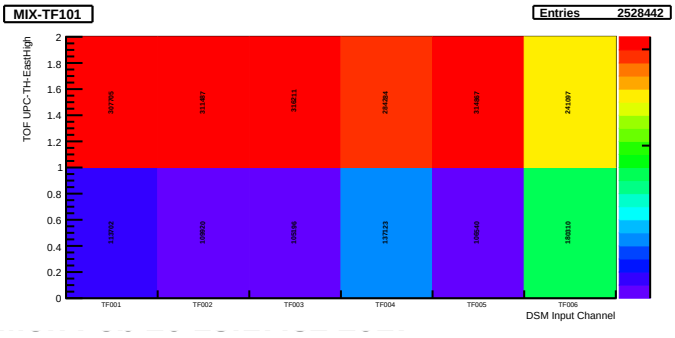

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

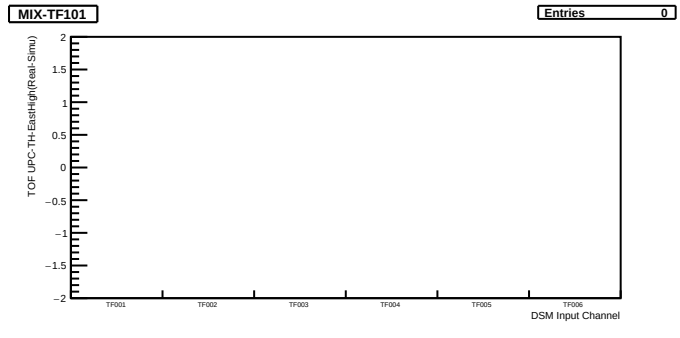

MIX-TF101
Entries 2528442
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

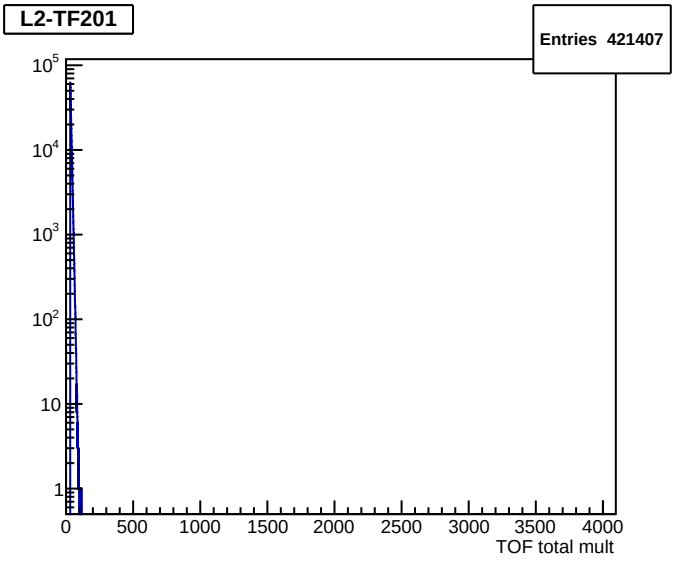

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

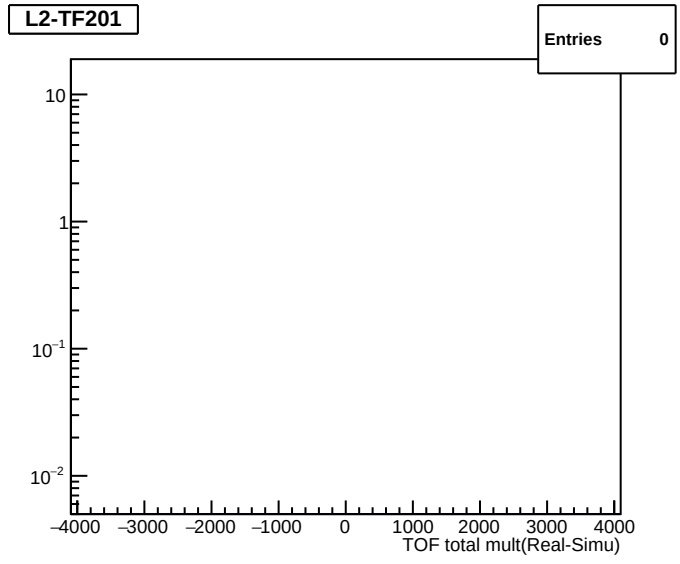

MIX-TF101
Entries 2528442
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

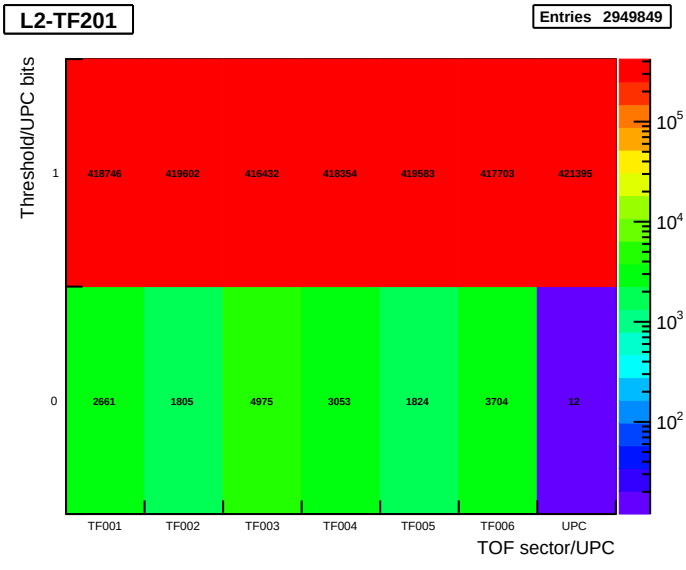

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

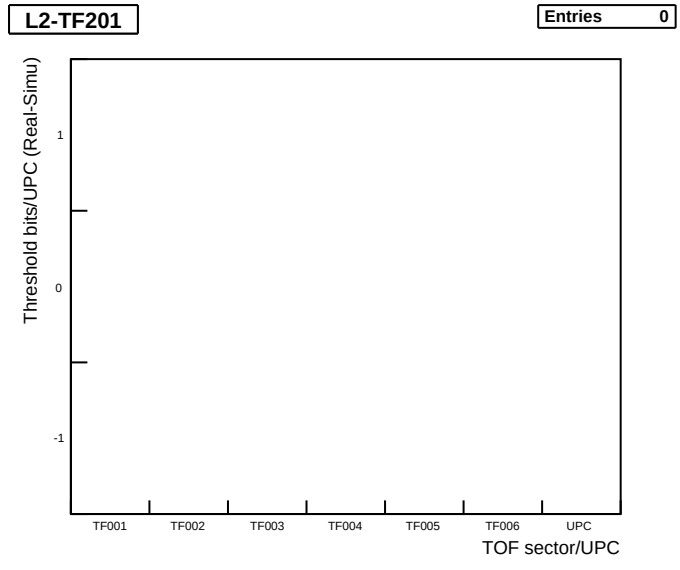

MIX-TF101
Entries 2528442
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

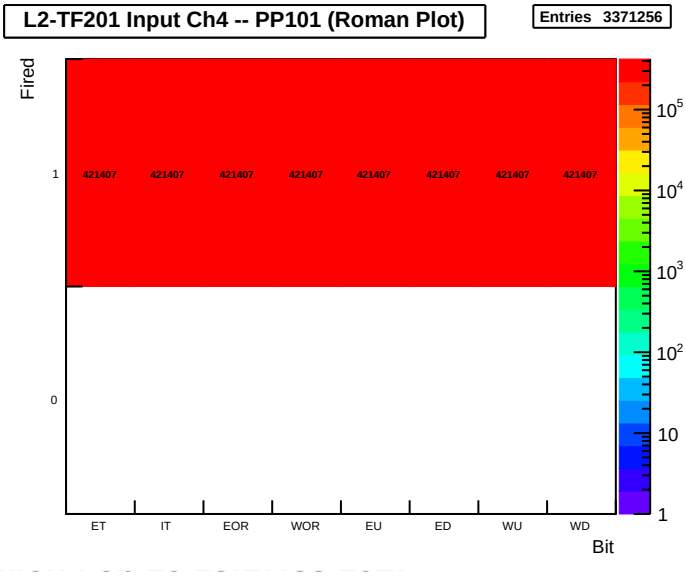

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

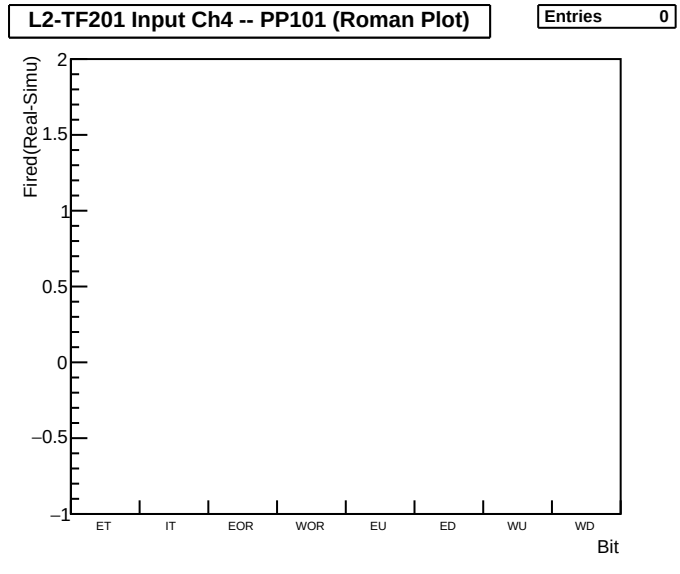

L2-TF201
Entries 421407
TOF total mult

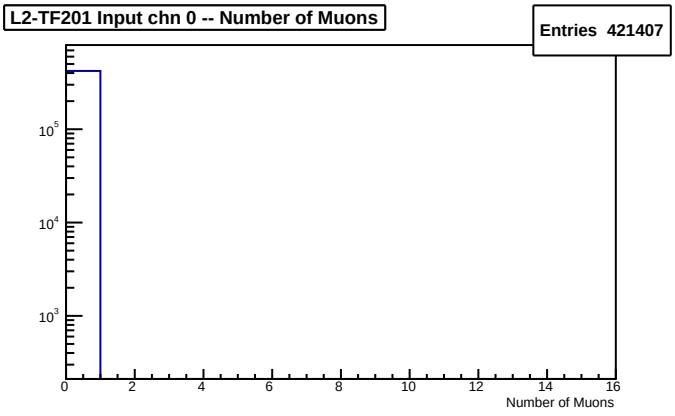

L2-TF201
Entries 0
TOF total mult(Real-Simu)

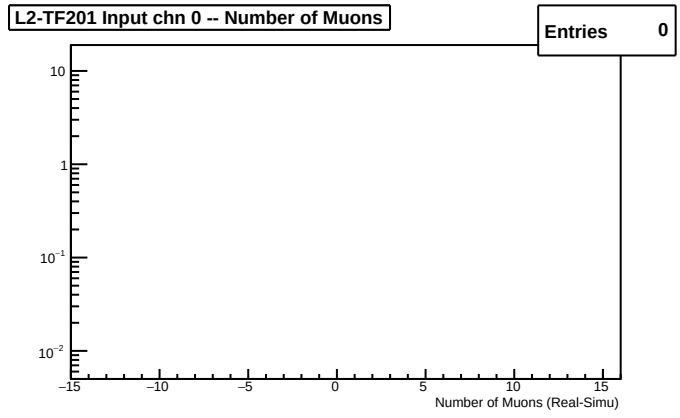

L2-TF201
Entries 2949849
Threshold/UPC bits
418746
419602
416432
418354
419583
417703
421395
2661
1805
4975
3053
1824
3704
12
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

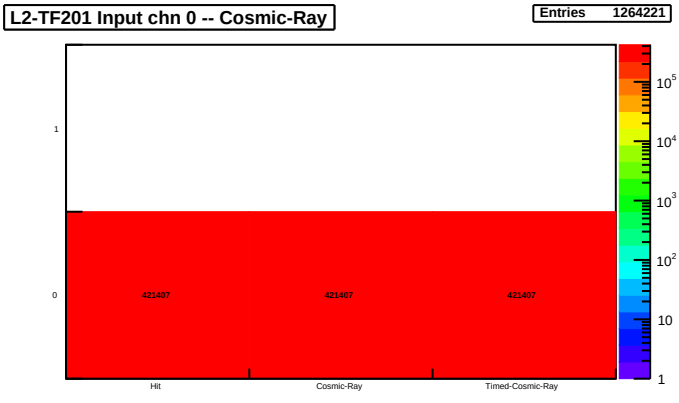

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

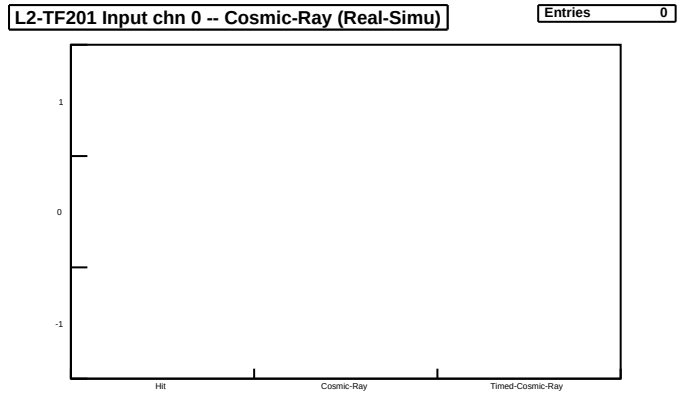

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3371256
Fired
421407
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

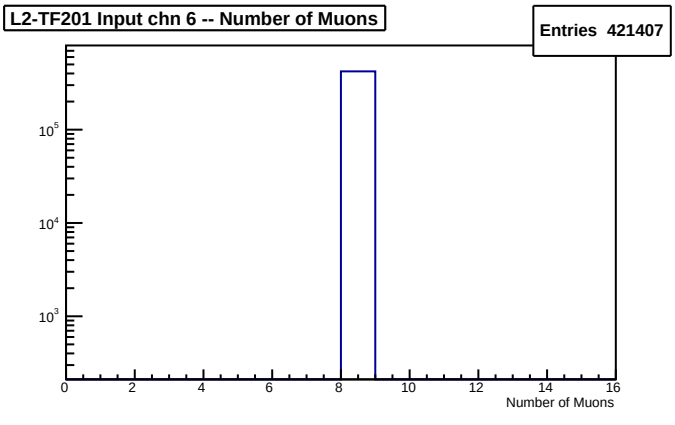

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

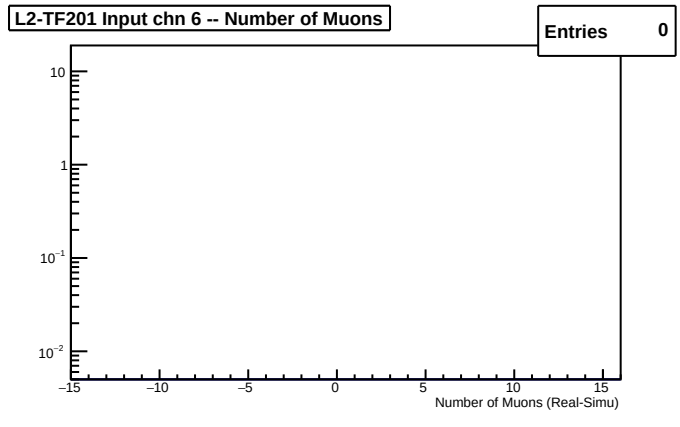

L2-TF201 Input chn 0 -- Number of Muons
Entries 421407
Number of Muons

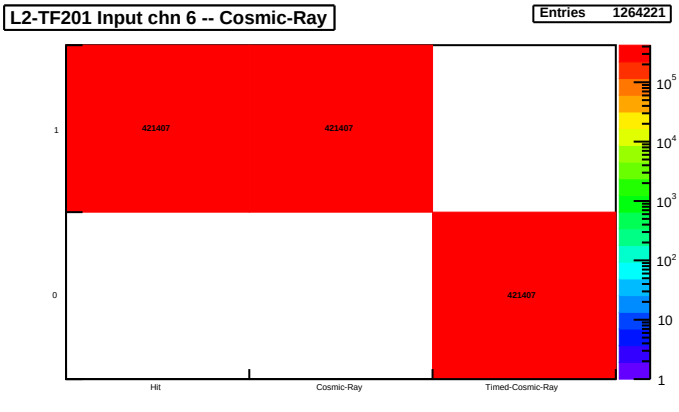

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

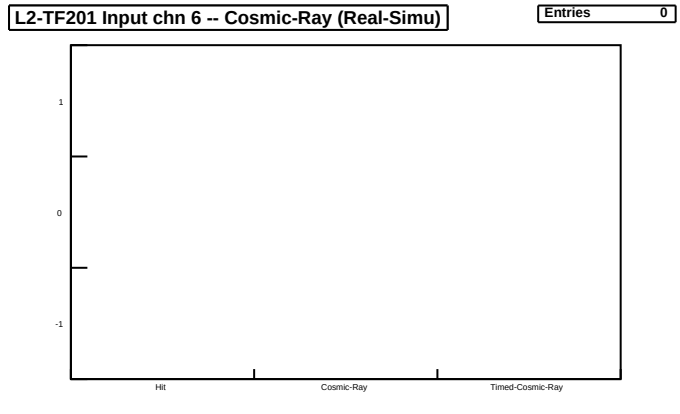

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1264221
421407
421407
421407
Hit
Cosmic-Ray
Timed-Cosmic-Ray

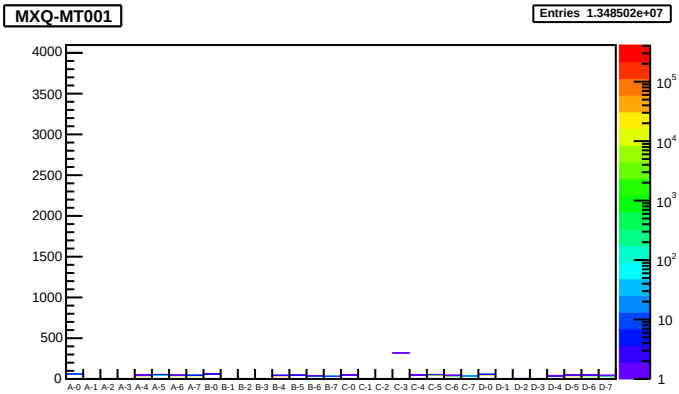

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

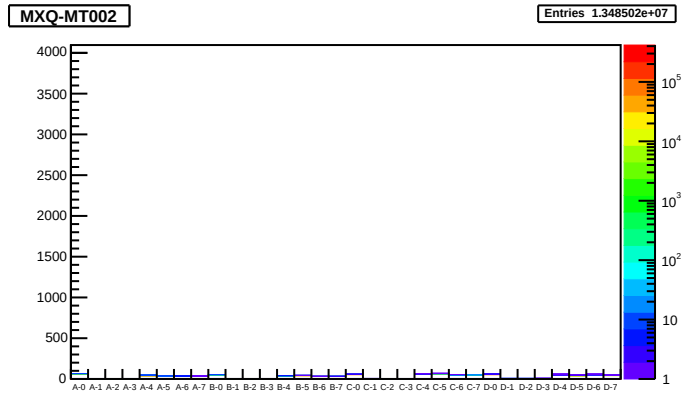

L2-TF201 Input chn 6 -- Number of Muons
Entries 421407
Number of Muons

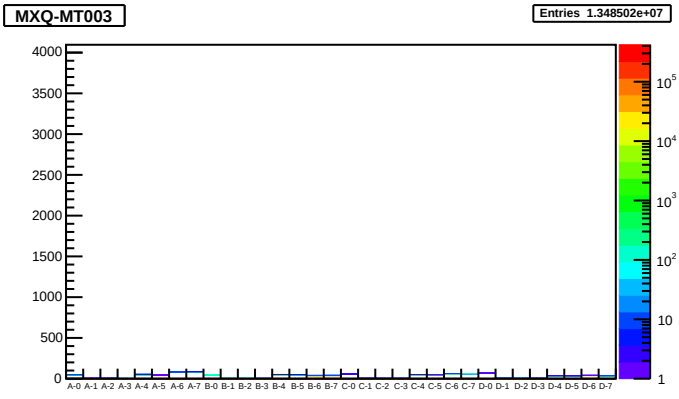

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

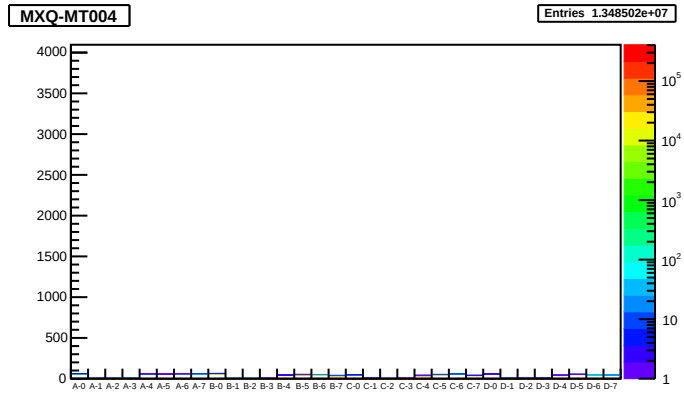

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1264221
421407
421407
421407
Hit
Cosmic-Ray
Timed-Cosmic-Ray

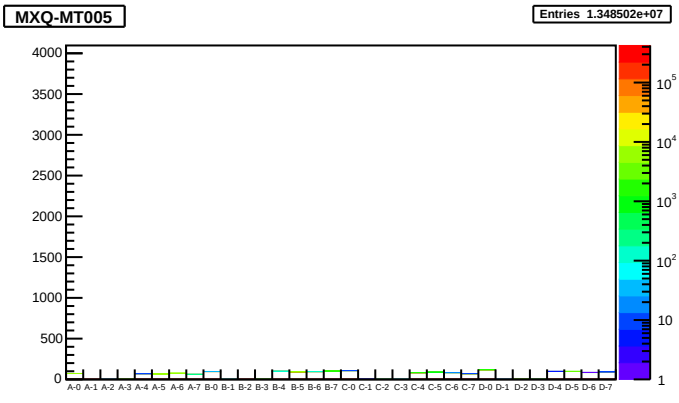

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

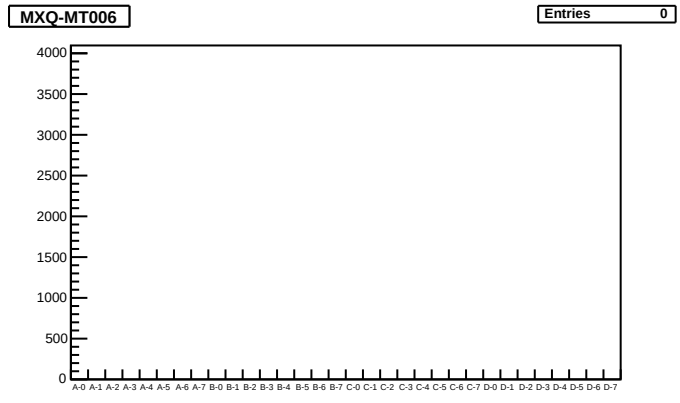

MXQ-MT001
Entries 1.348502e+07

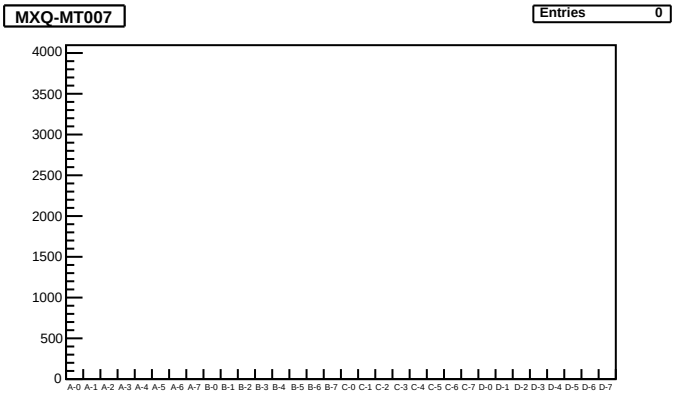

MXQ-MT002
Entries 1.348502e+07

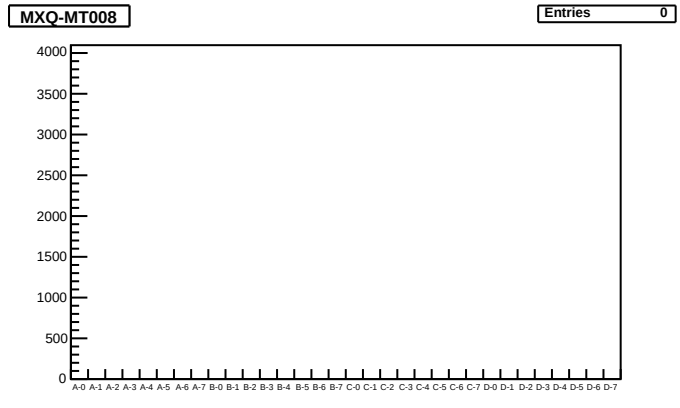

MXQ-MT003
Entries 1.348502e+07

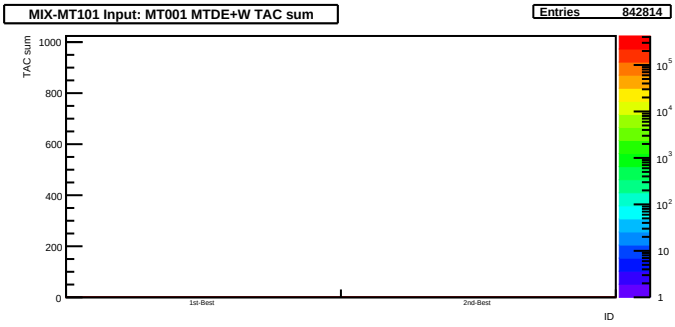

MXQ-MT004
Entries 1.348502e+07

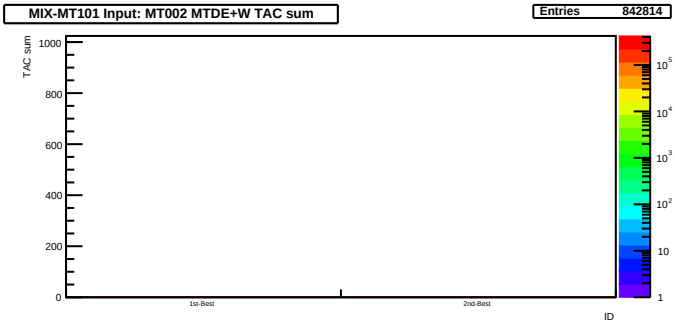

MXQ-MT005
Entries 1.348502e+07

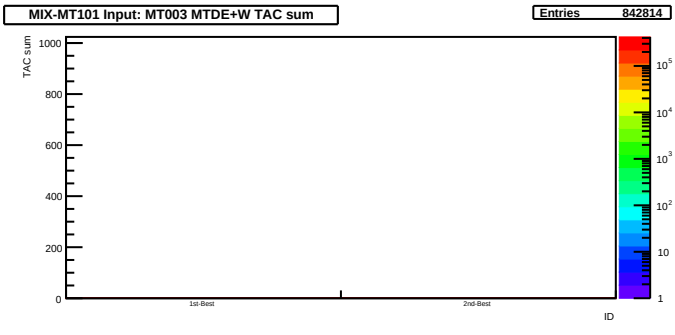

MXQ-MT006
Entries 0

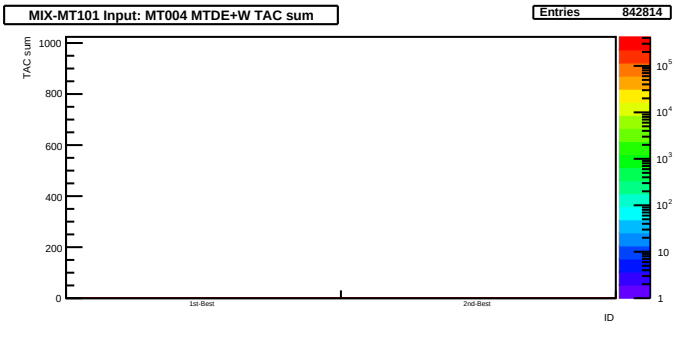

MXQ-MT007
Entries 0

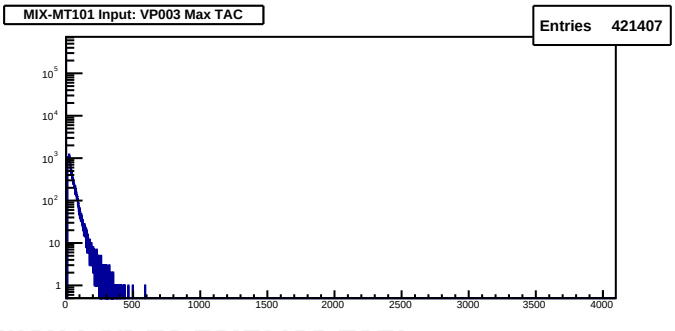

MXQ-MT008
Entries 0

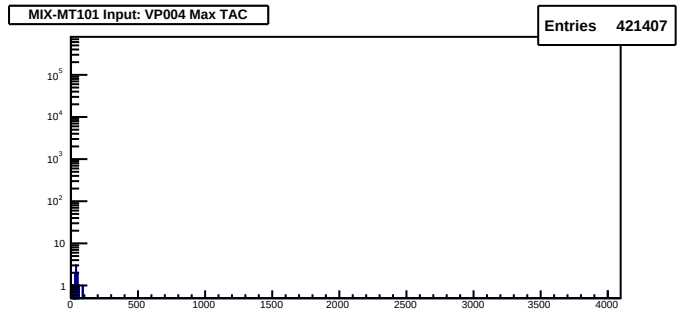

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 842814
TAC sum
1st-Best
2nd-Best
ID

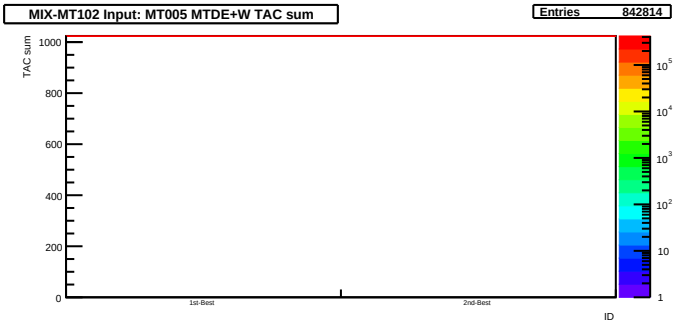

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 842814
TAC sum
1st-Best
2nd-Best
ID

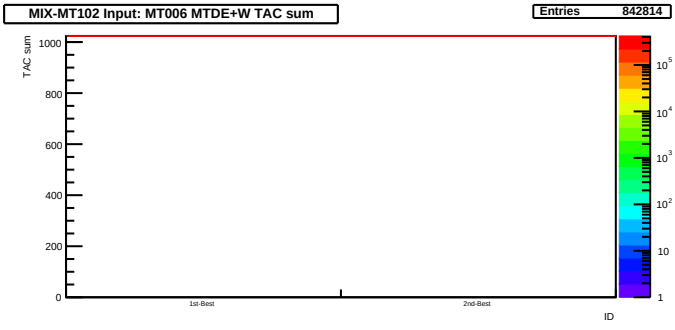

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 842814
TAC sum
1st-Best
2nd-Best
ID

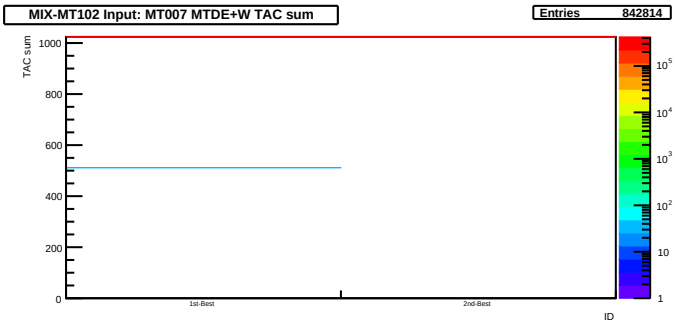

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 842814
TAC sum
1st-Best
2nd-Best
ID

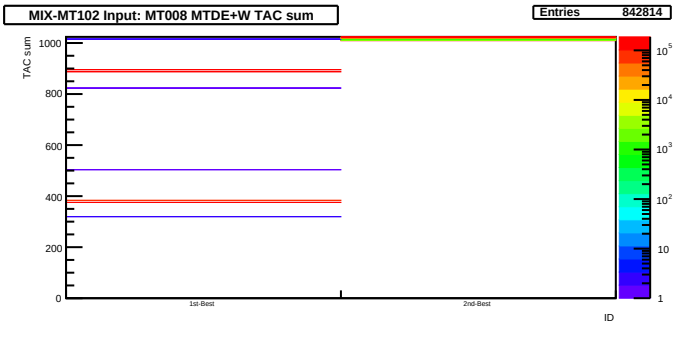

MIX-MT101 Input: VP003 Max TAC
Entries 421407

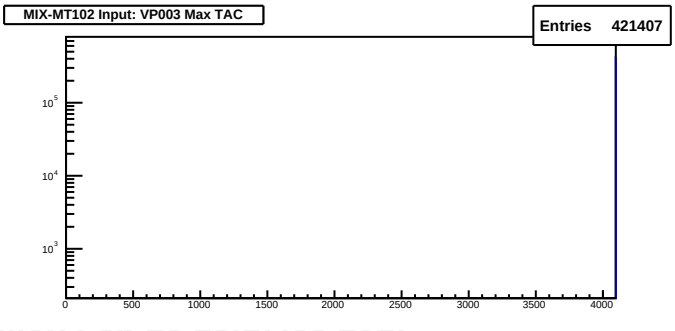

MIX-MT101 Input: VP004 Max TAC
Entries 421407

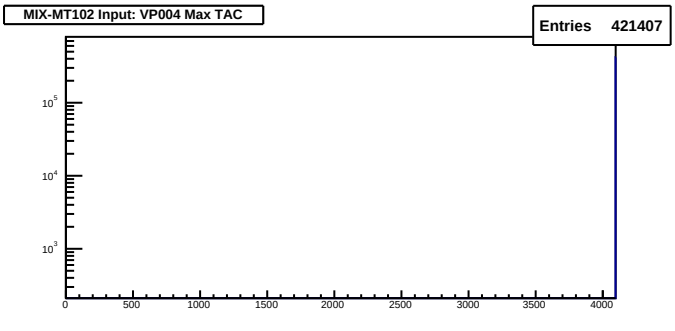

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 842814
TAC sum
1st-Best
2nd-Best
ID

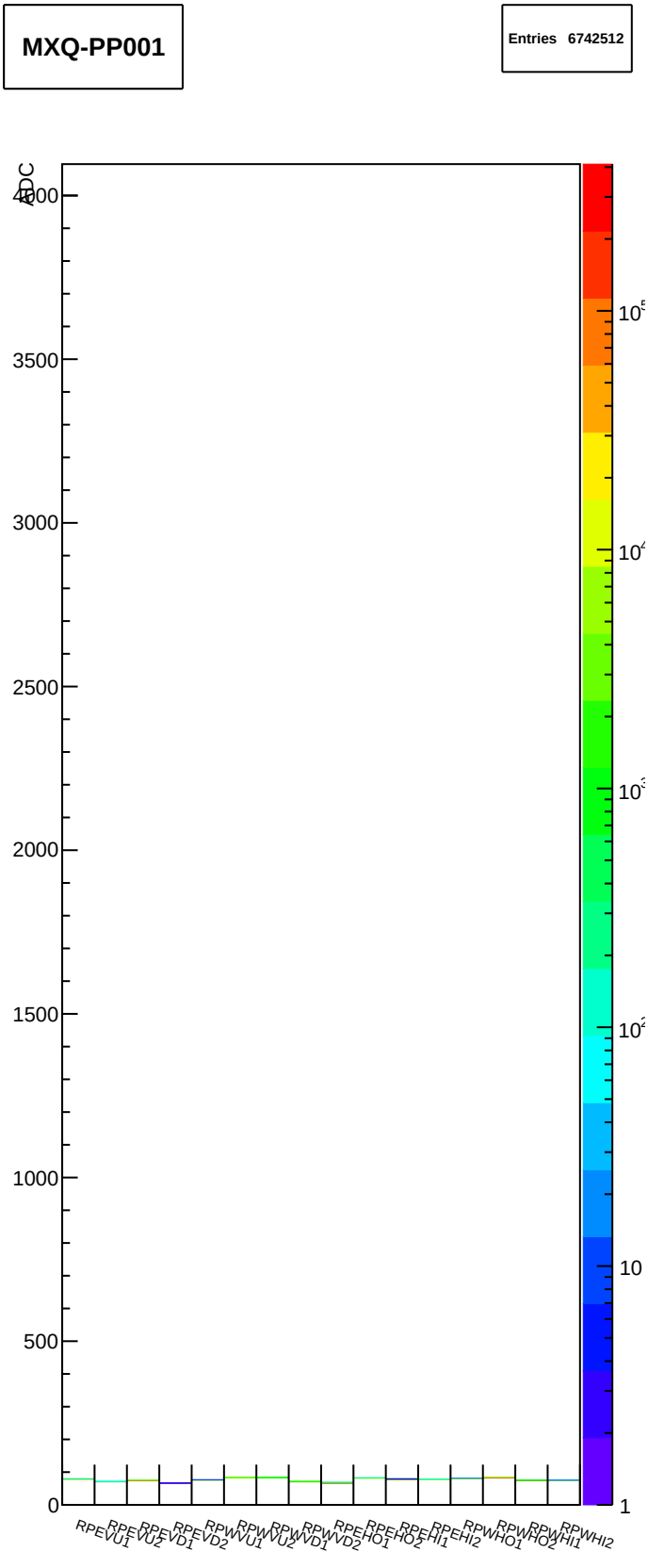

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 842814
TAC sum
1st-Best
2nd-Best
ID

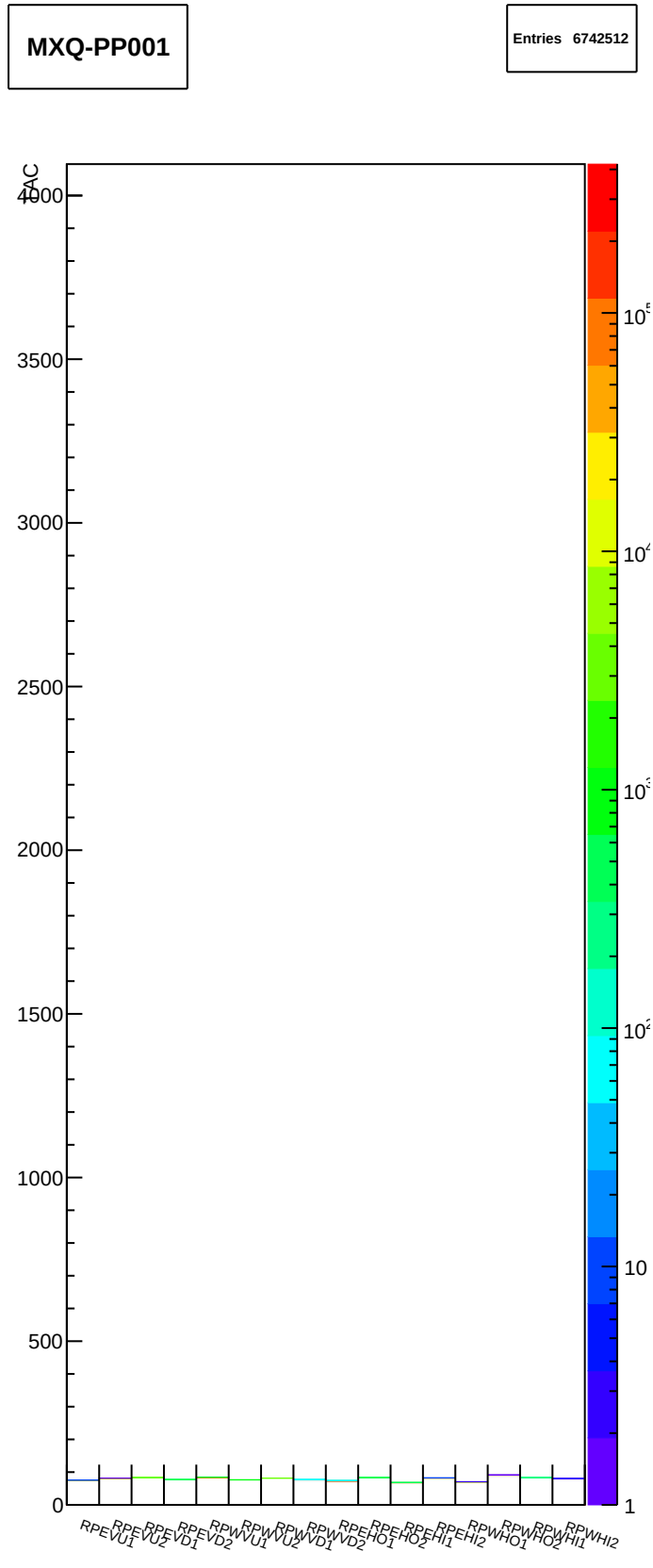

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 842814
TAC sum
1st-Best
2nd-Best
ID

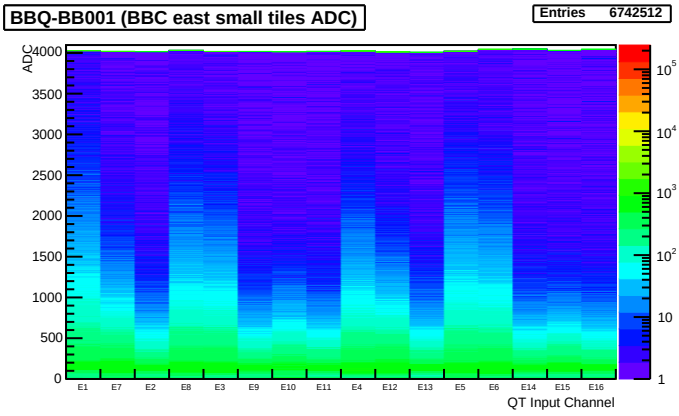

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 842814
TAC sum
1st-Best
2nd-Best
ID

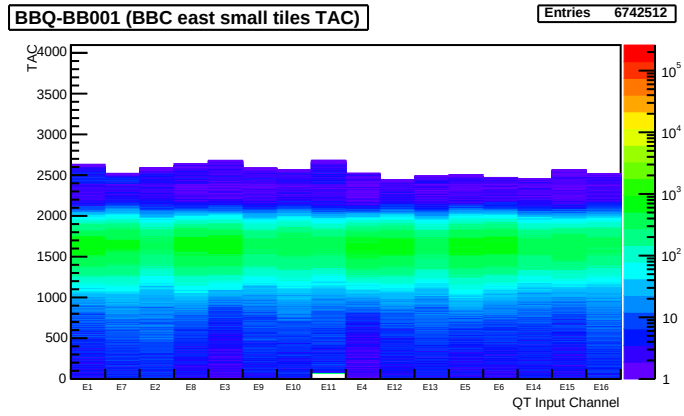

MIX-MT102 Input: VP003 Max TAC
Entries 421407

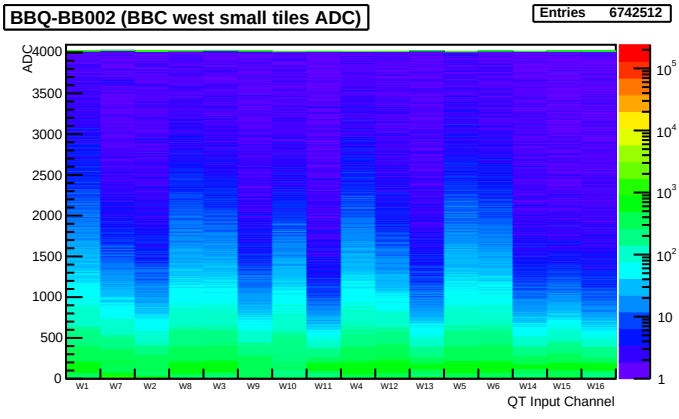

MIX-MT102 Input: VP004 Max TAC
Entries 421407

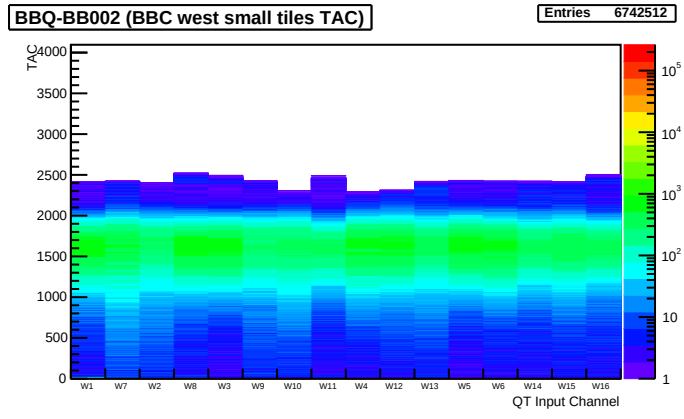

MXQ-PP001
Entries 6742512
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

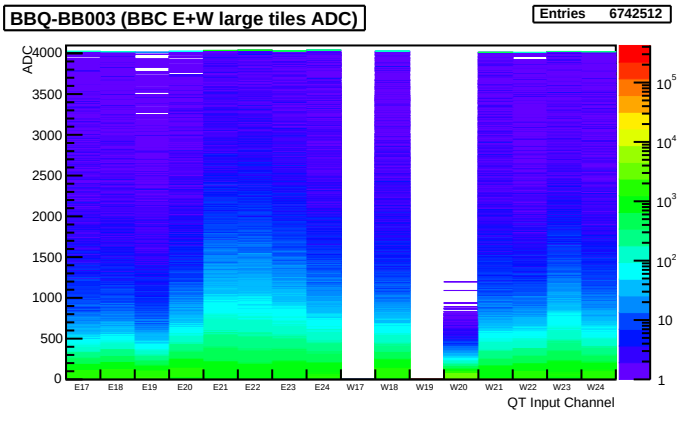

MXQ-PP001
Entries 6742512
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

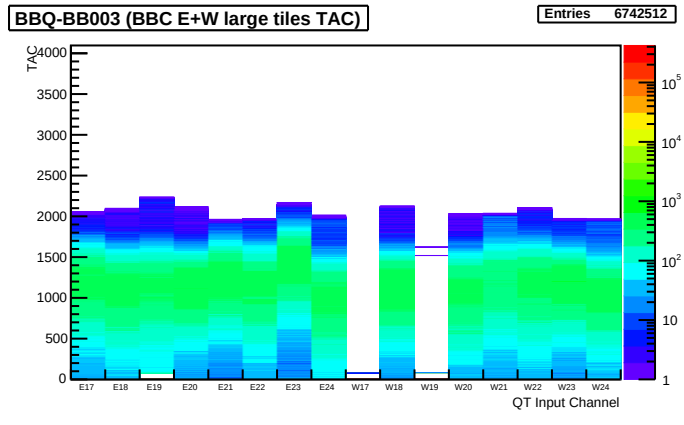

BBQ-BB001 (BBC east small tiles ADC)
Entries 6742512
ADC
QT Input Channel

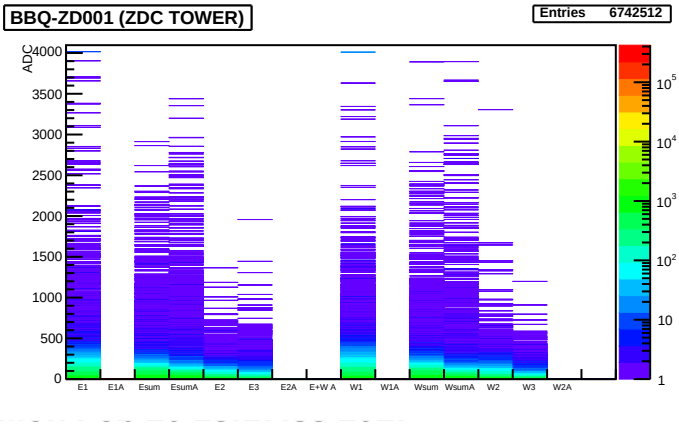

BBQ-BB001 (BBC east small tiles TAC)
Entries 6742512
TAC
QT Input Channel

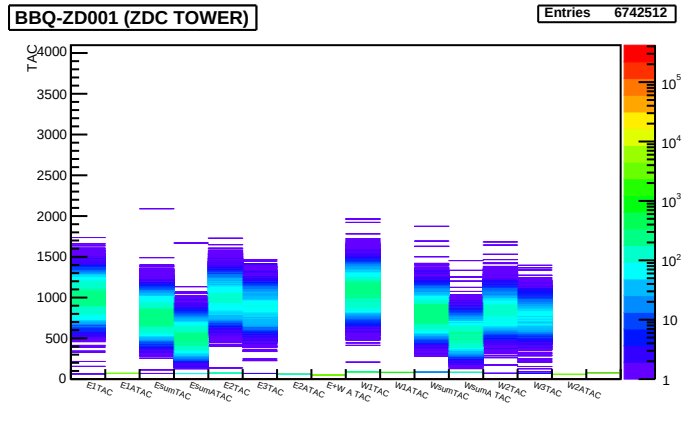

BBQ-BB002 (BBC west small tiles ADC)
Entries 6742512
ADC
QT Input Channel

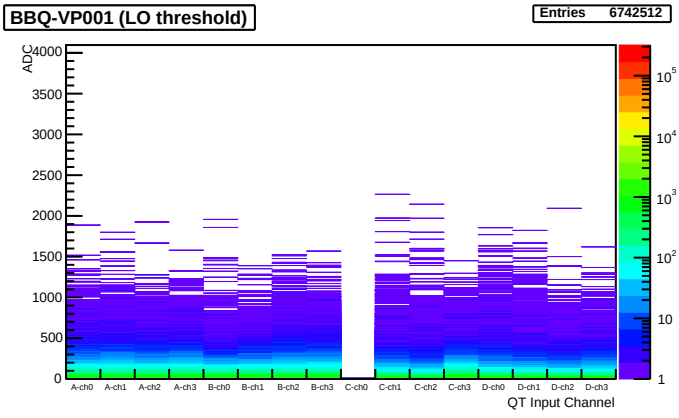

BBQ-BB002 (BBC west small tiles TAC)
Entries 6742512
TAC
QT Input Channel

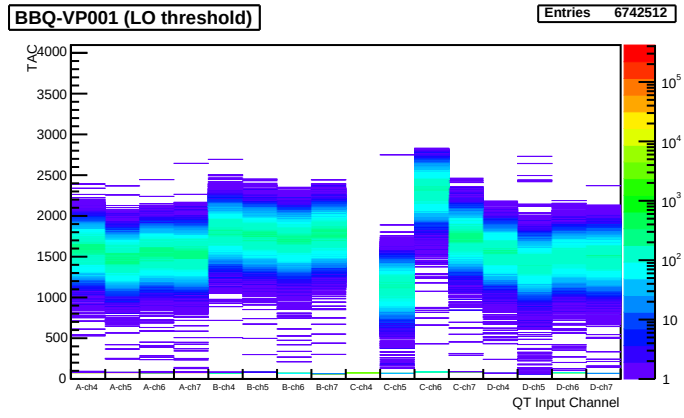

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 6742512
ADC
QT Input Channel

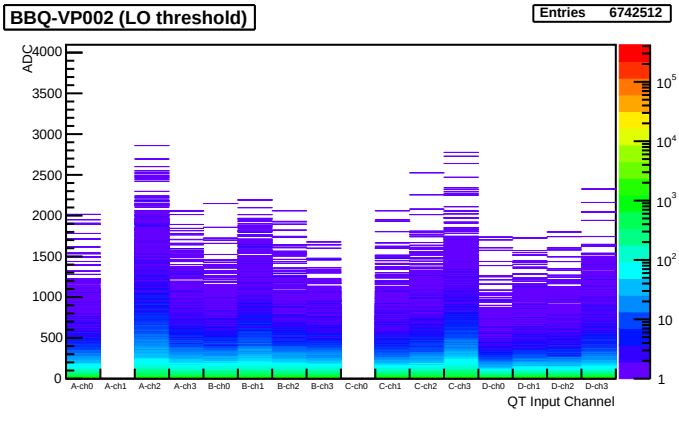

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 6742512
TAC
QT Input Channel

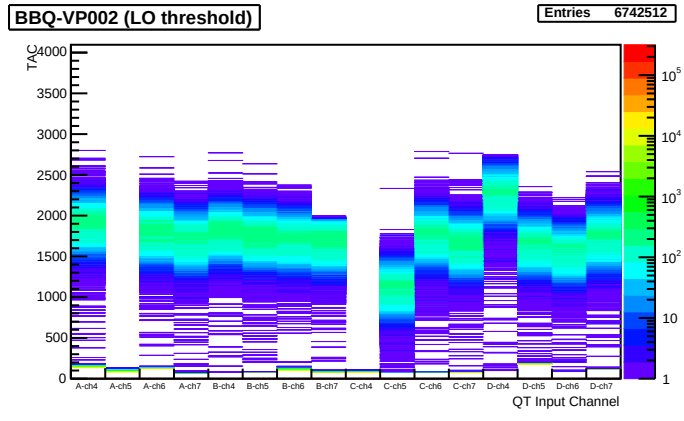

BBQ-ZD001 (ZDC TOWER)
Entries 6742512
ADC

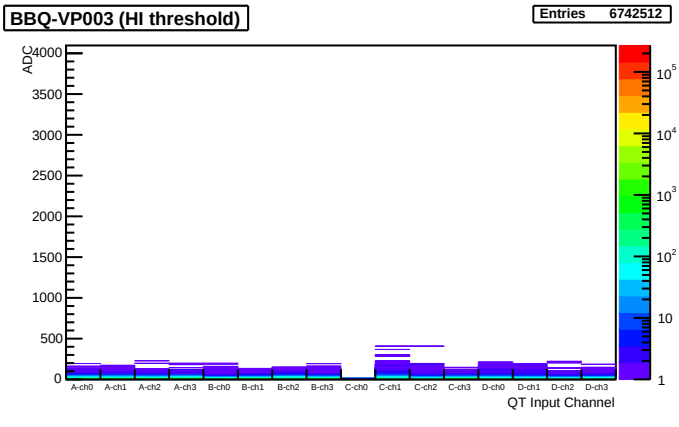

BBQ-ZD001 (ZDC TOWER)
Entries 6742512
TAC

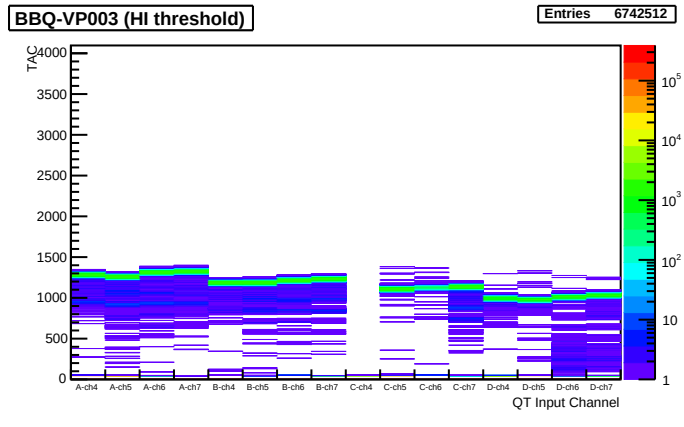

BBQ-VP001 (LO threshold)
Entries 6742512
ADC
QT Input Channel

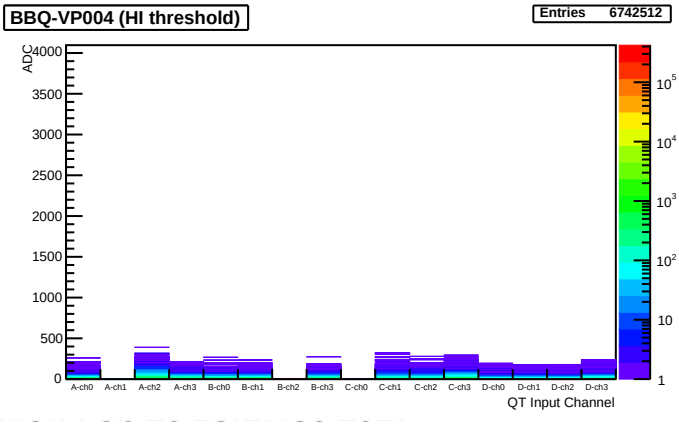

BBQ-VP001 (LO threshold)
Entries 6742512
TAC
QT Input Channel

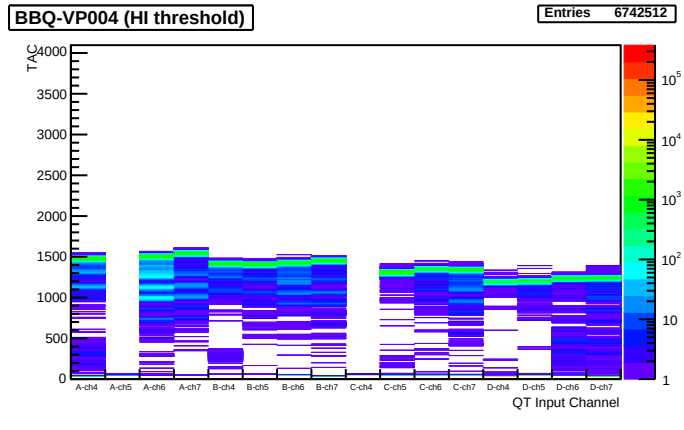

BBQ-VP002 (LO threshold)
Entries 6742512
ADC
QT Input Channel

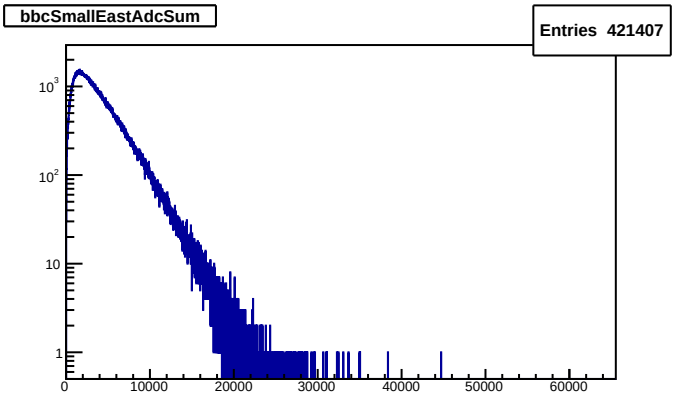

BBQ-VP002 (LO threshold)
Entries 6742512
TAC
QT Input Channel

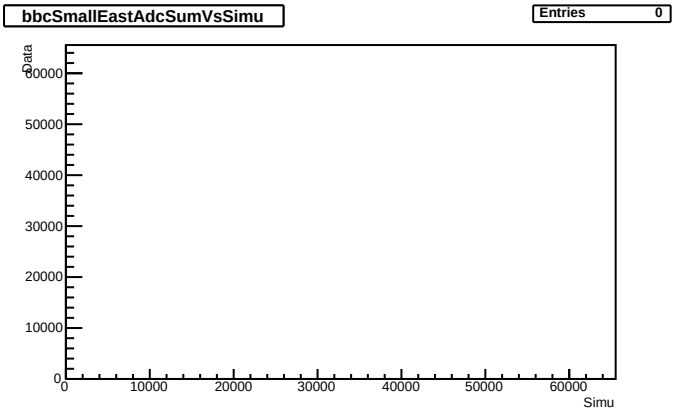

BBQ-VP003 (HI threshold)
Entries 6742512
ADC
QT Input Channel

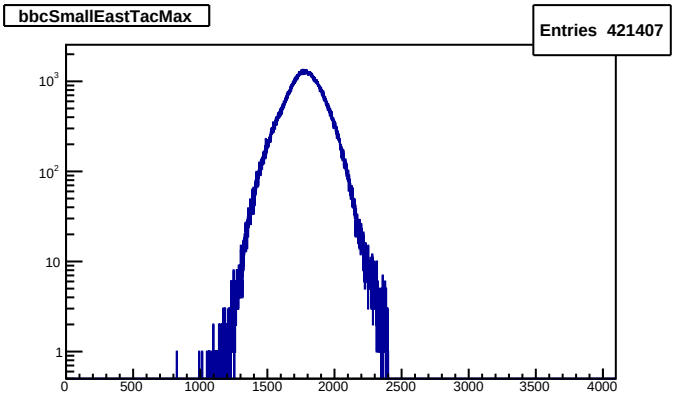

BBQ-VP003 (HI threshold)
Entries 6742512
TAC
QT Input Channel

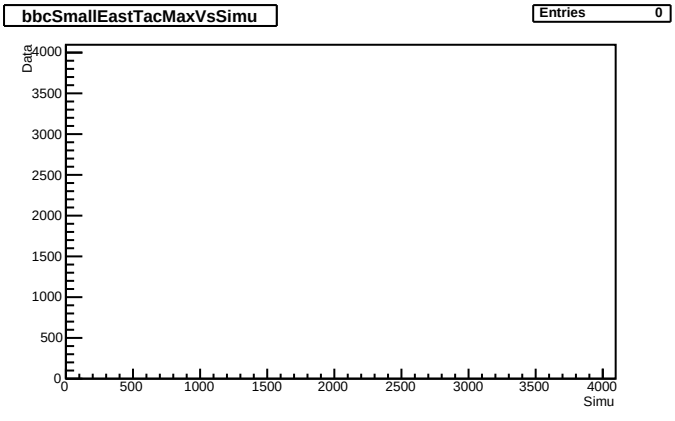

BBQ-VP004 (HI threshold)
Entries 6742512
ADC
QT Input Channel

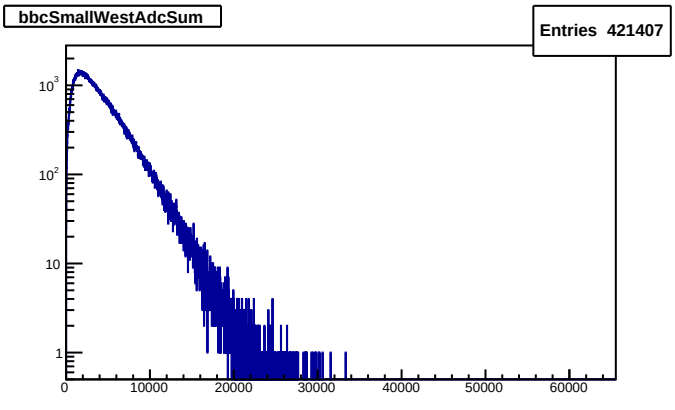

BBQ-VP004 (HI threshold)
Entries 6742512
TAC
QT Input Channel

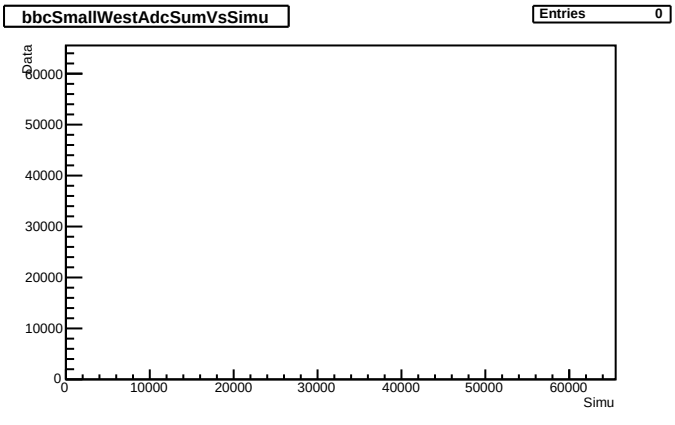

bbcSmallEastAdcSum
Entries 421407

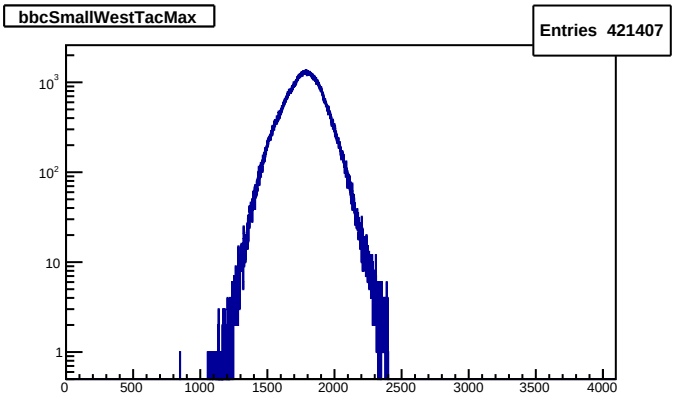

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

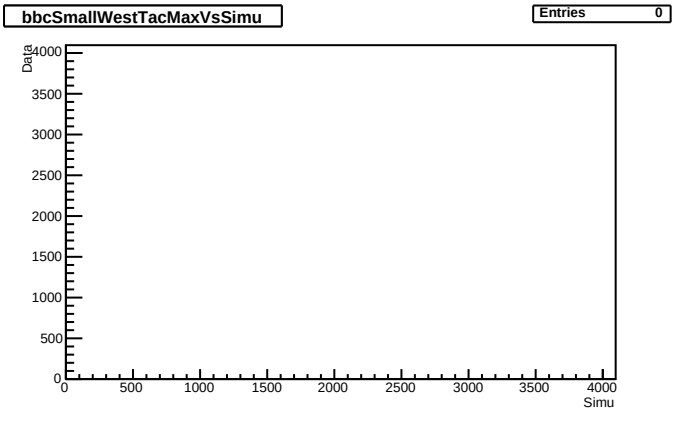

bbcSmallEastTacMax
Entries 421407

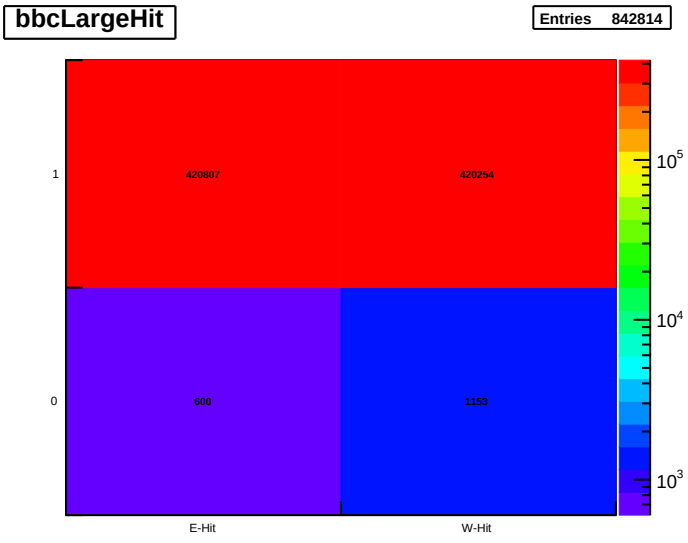

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

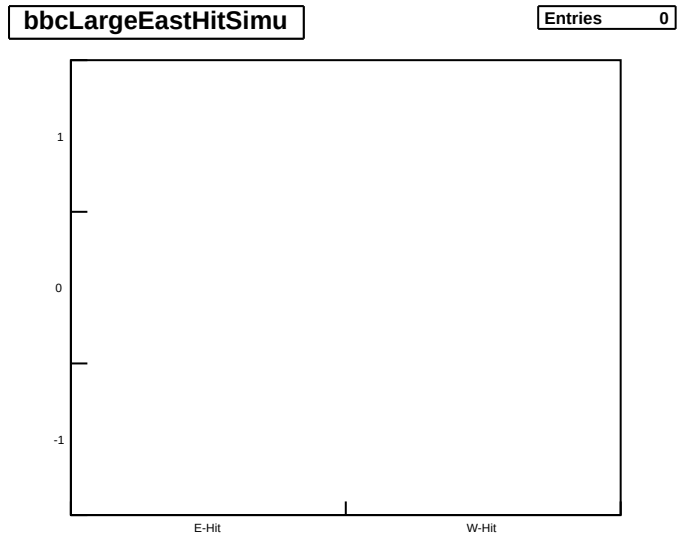

bbcSmallWestAdcSum
Entries 421407

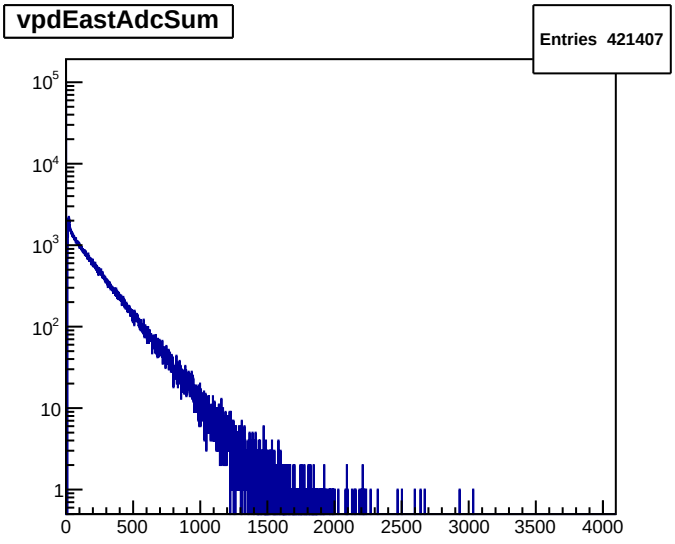

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

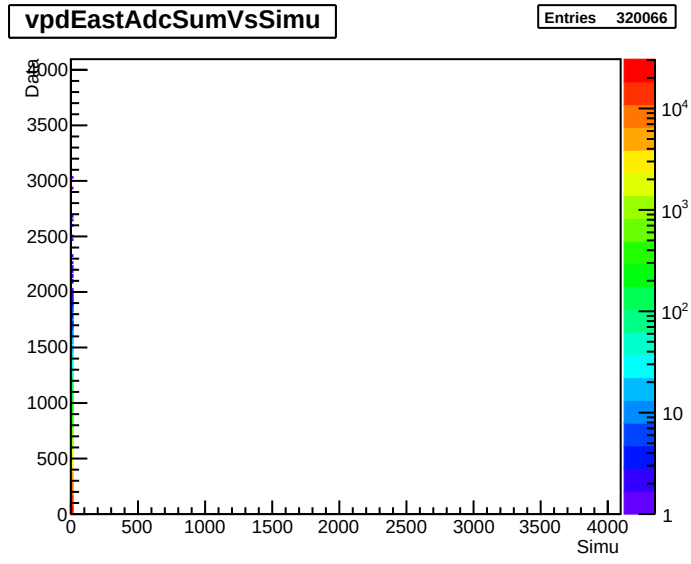

bbcSmallWestTacMax
Entries 421407

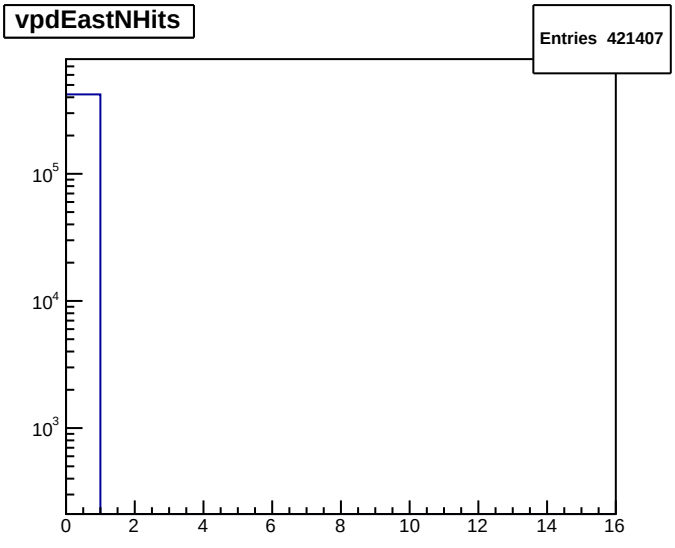

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

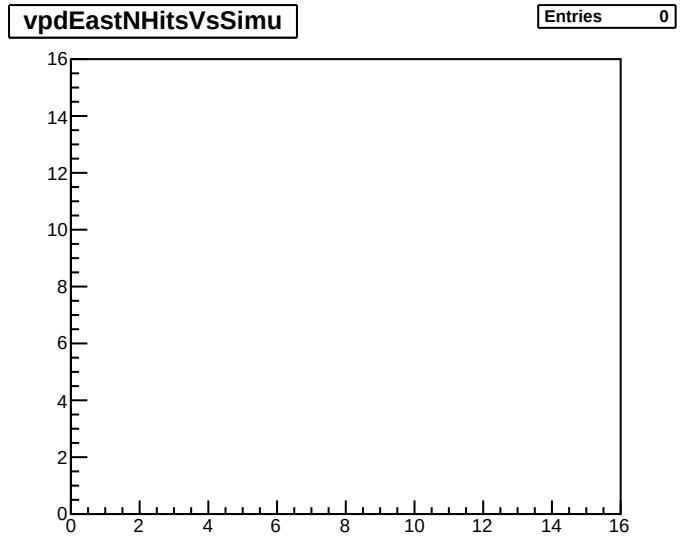

bbcLargeHit
Entries 842814
420807
420254
600
1153
1
0
E-Hit
W-Hit
10^5
10^4
10^3

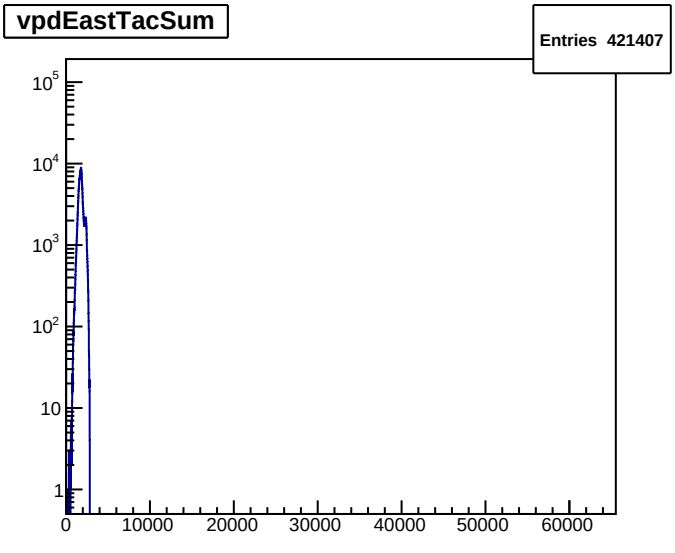

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

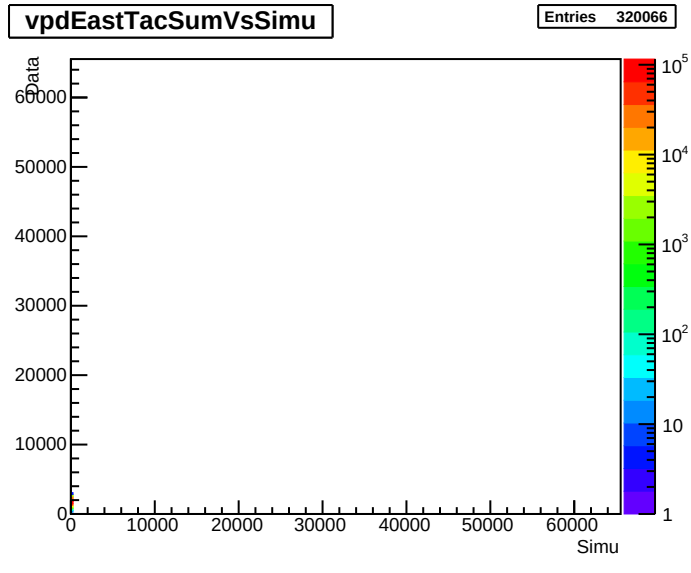

vpdEastAdcSum
Entries 421407

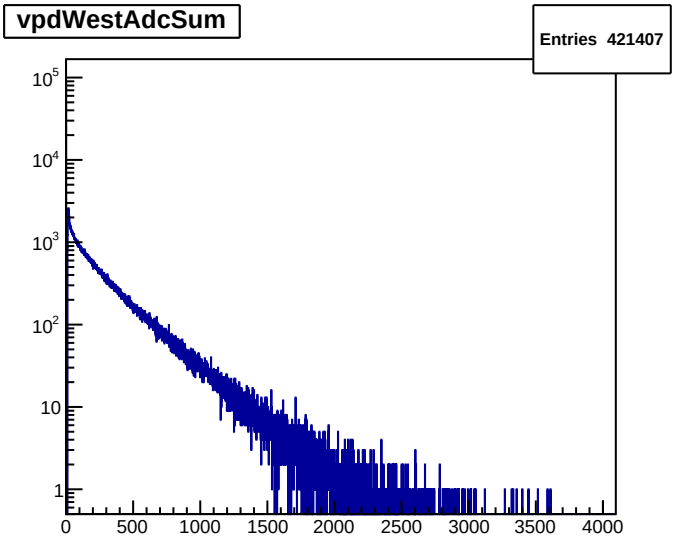

vpdEastAdcSumVsSimu
Entries 320066
Data
Simu

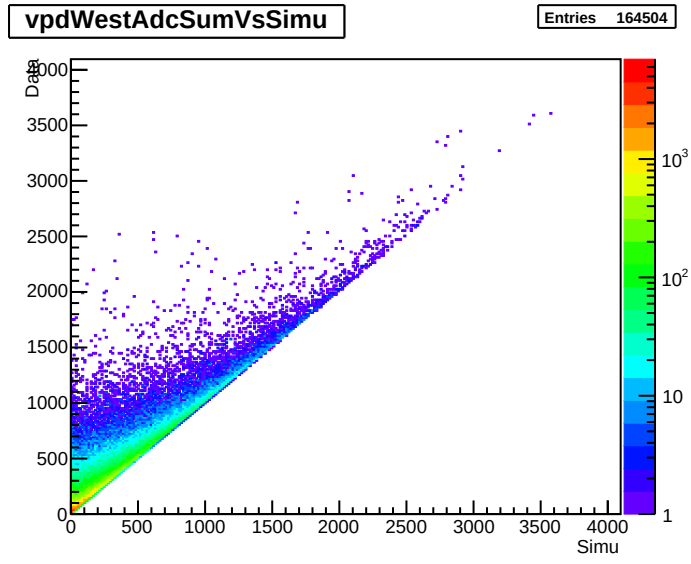

vpdEastNHits
Entries 421407

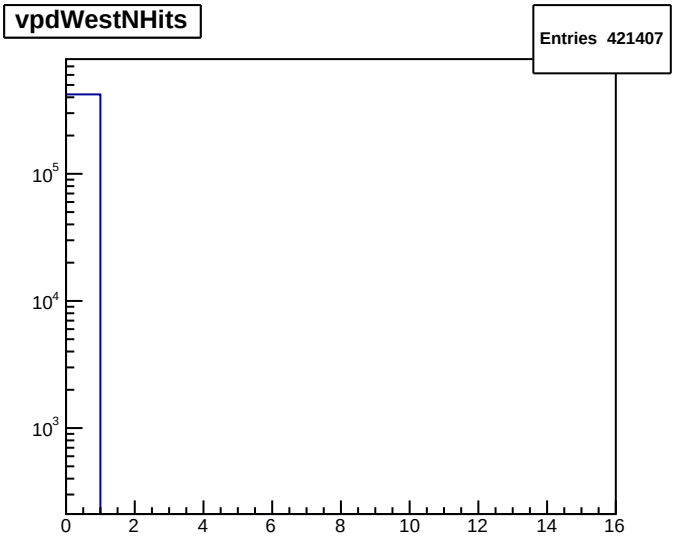

vpdEastNHitsVsSimu
Entries 0

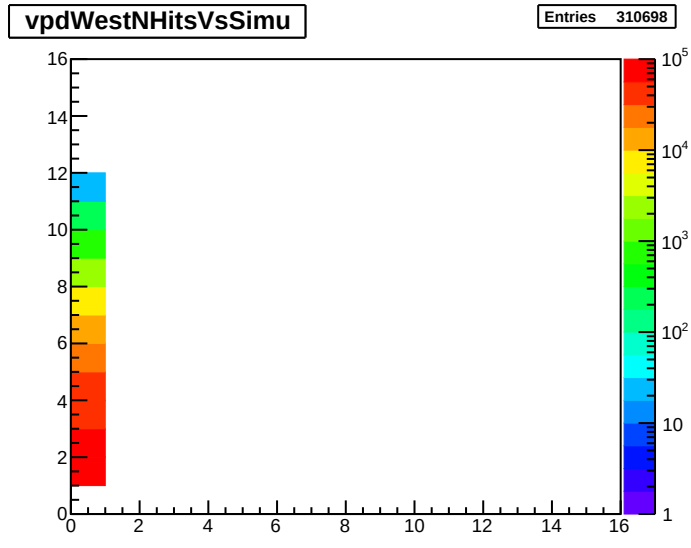

vpdEastTacSum
Entries 421407

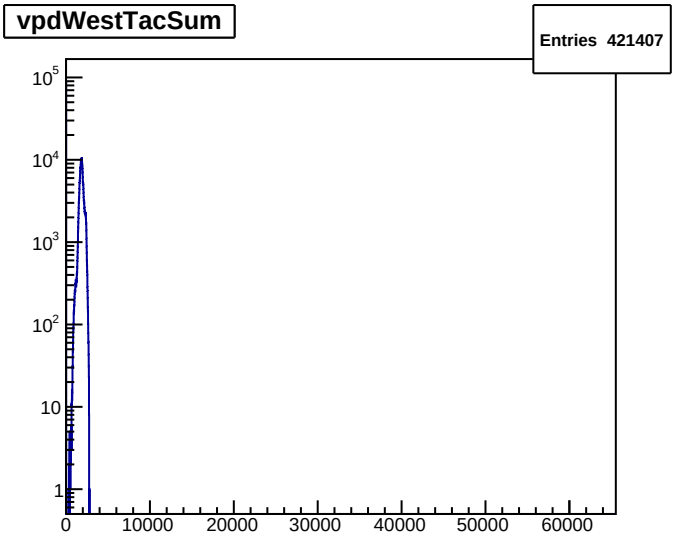

vpdEastTacSumVsSimu
Entries 320066
Data
Simu

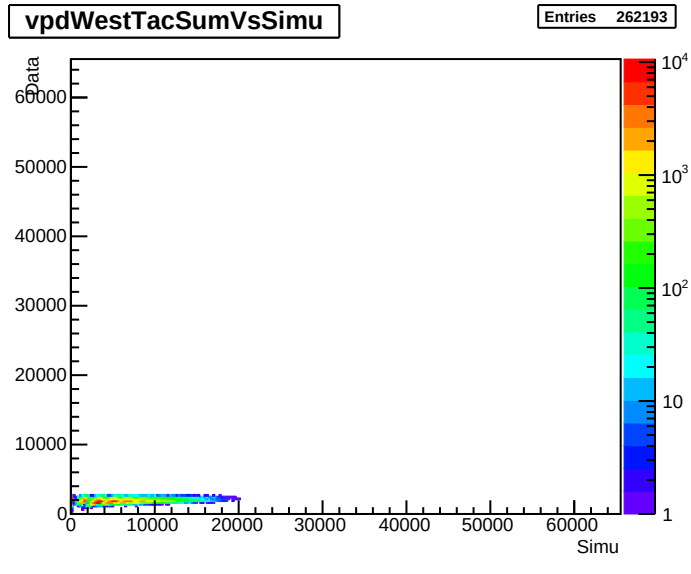

vpdWestAdcSum
Entries 421407

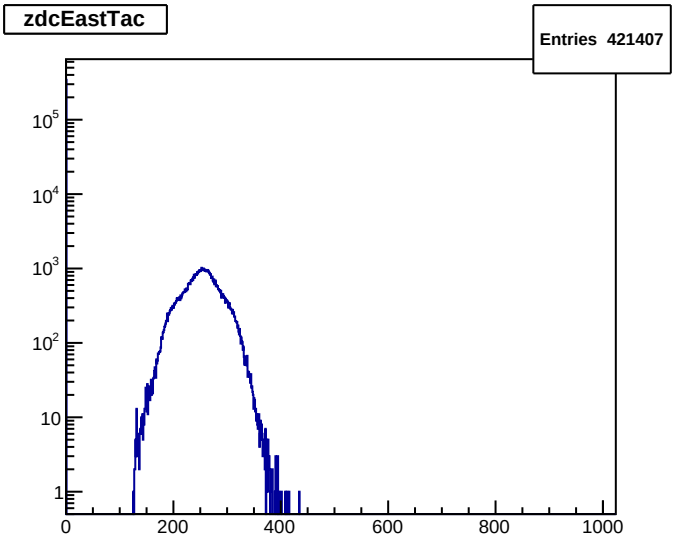

vpdWestAdcSumVsSimu
Entries 164504
Data
Simu

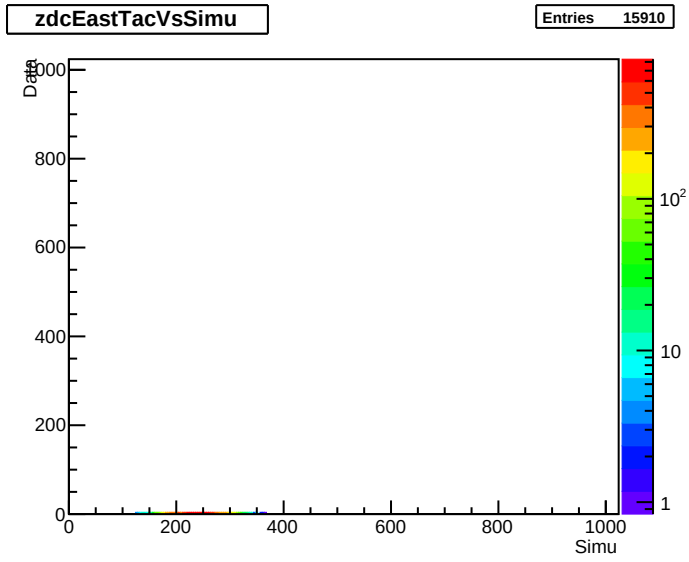

vpdWestNHits
Entries 421407

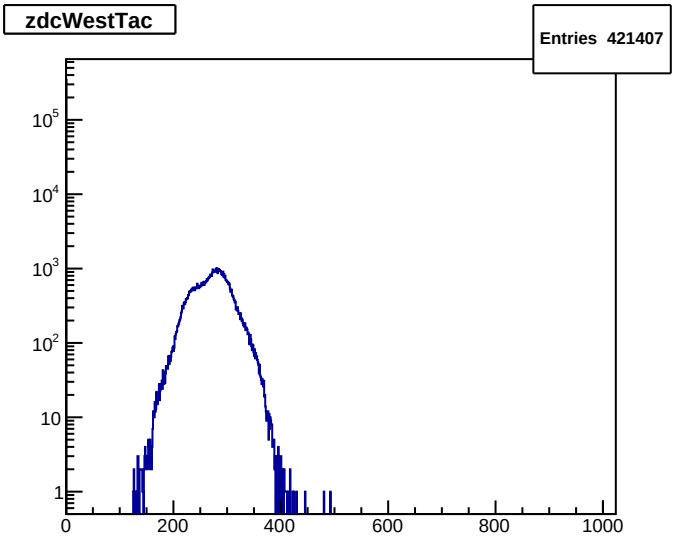

vpdWestNHitsVsSimu
Entries 310698

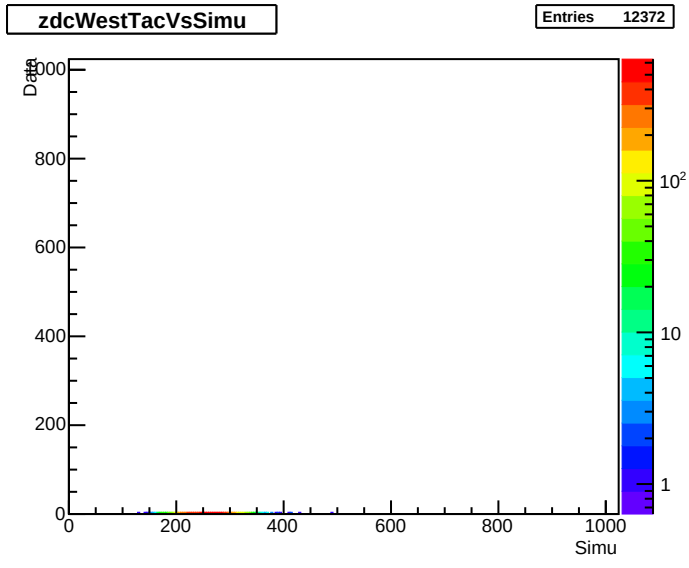

vpdWestTacSum
Entries 421407

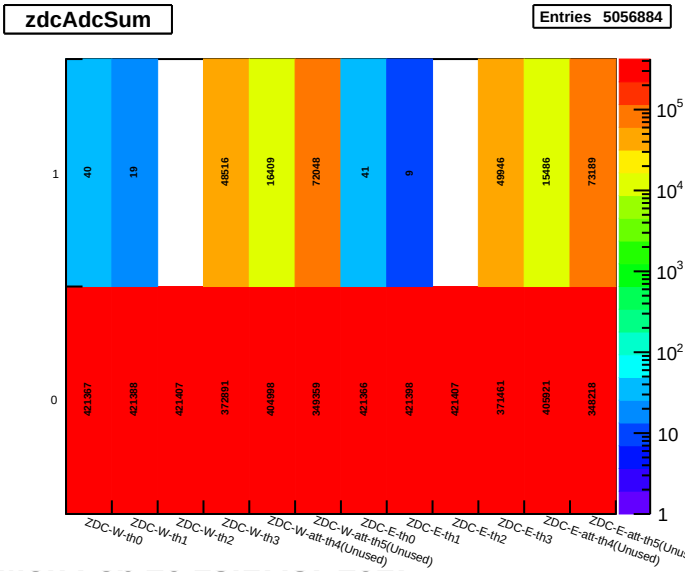

vpdWestTacSumVsSimu
Entries 262193
Data
Simu

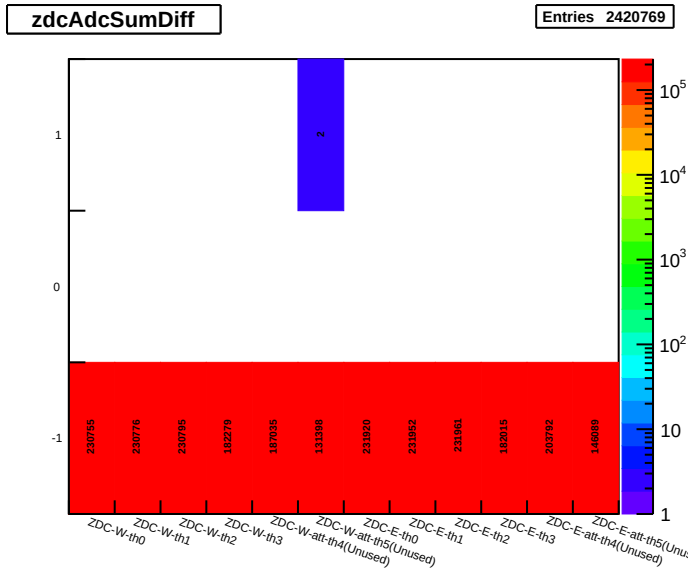

zdcEastTac
Entries 421407

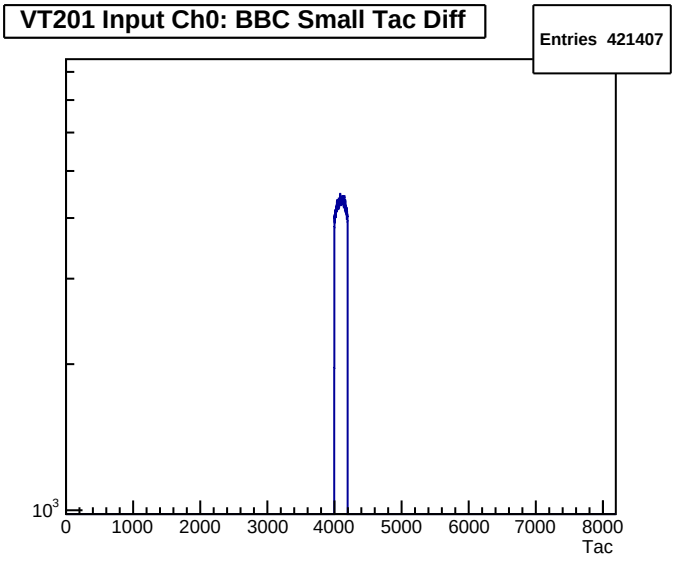

zdcEastTacVsSimu
Entries 15910
Data
Simu

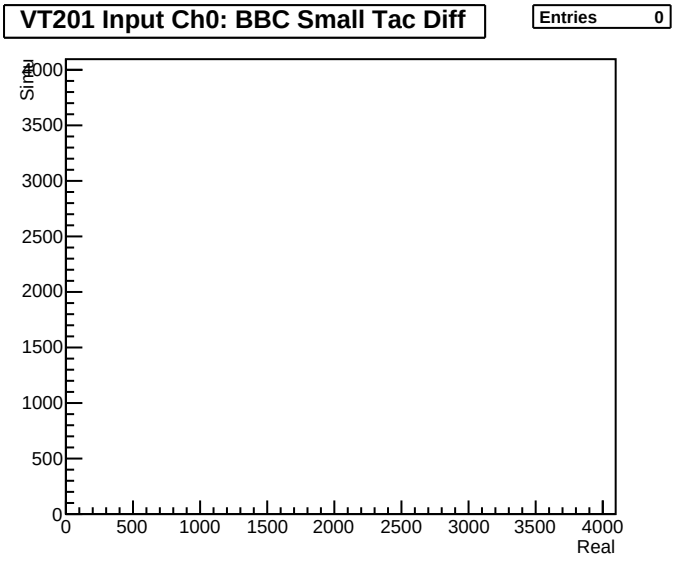

zdcWestTac
Entries 421407

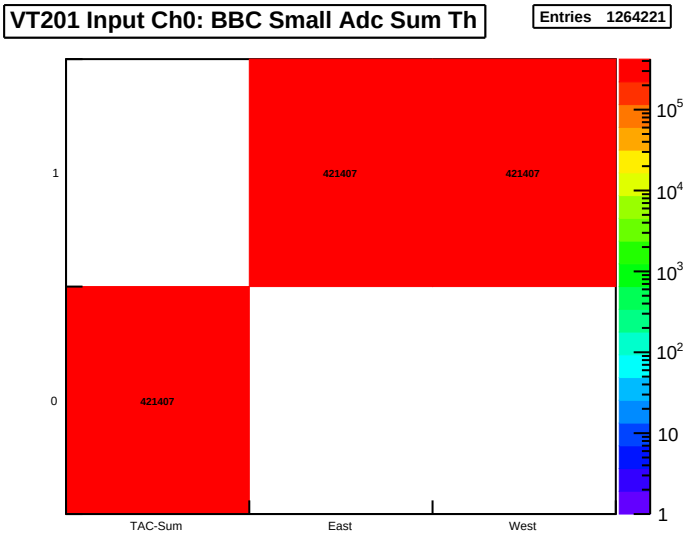

zdcWestTacVsSimu
Entries 12372
Data
Simu

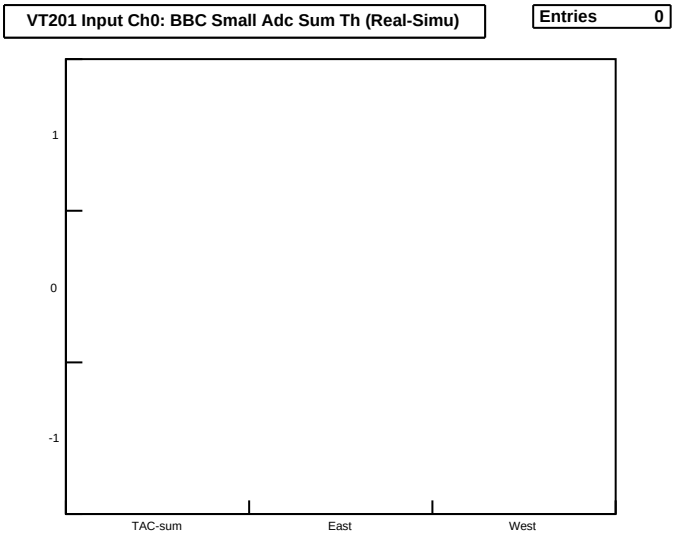

zdcAdcSum
Entries 5056884
40
19
48516
16409
72048
41
9
49946
15486
73189
421367
421388
421407
372891
404986
349359
421366
421388
421407
371461
405921
348218
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

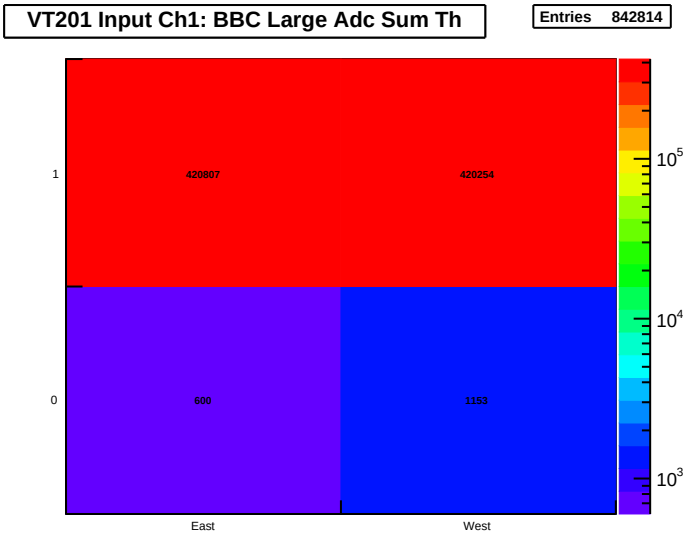

zdcAdcSumDiff
Entries 2420769
2
230755
230776
230795
182279
187035
131398
231920
231952
231961
182015
203792
146089
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

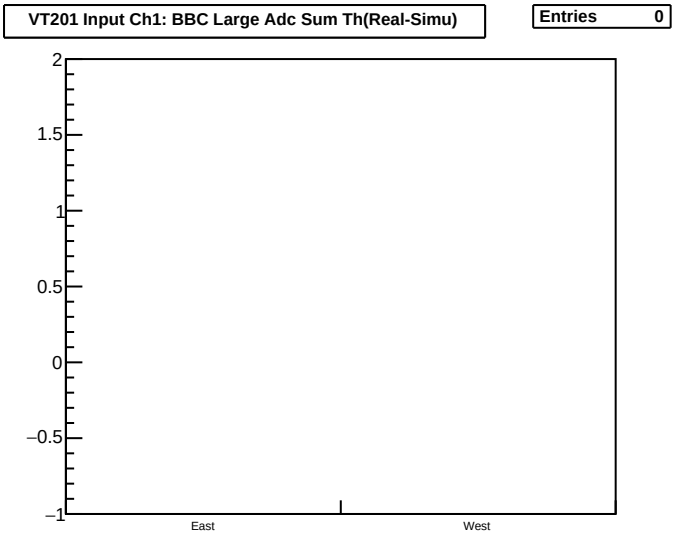

VT201 Input Ch0: BBC Small Tac Diff
Entries 421407
Tac


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

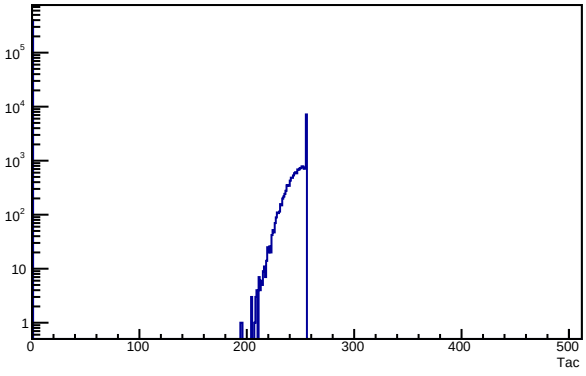

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1264221
421407
421407
421407
TAC-Sum
East
West


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

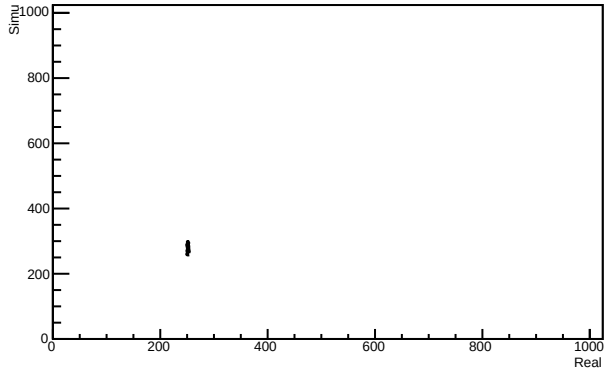

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 842814
420807
420254
600
1153
East
West


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

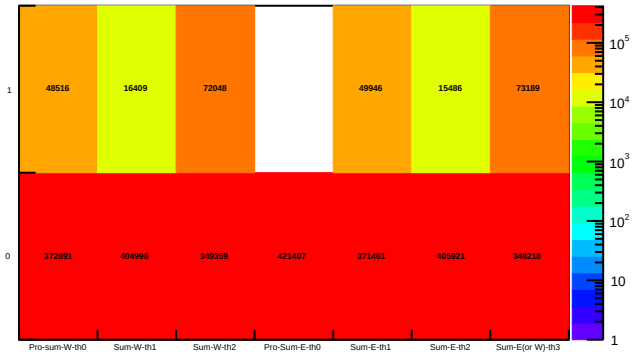
VT201 Input Ch2: ZDC Tac Diff



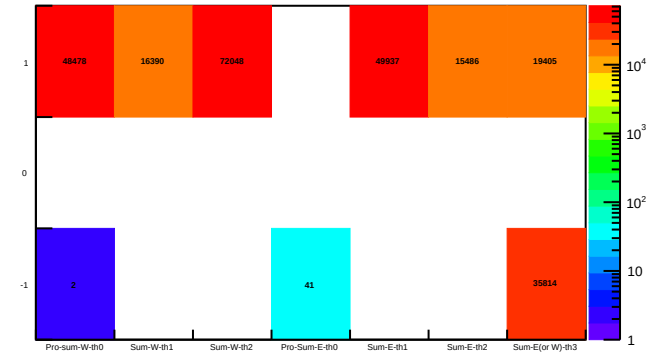
VT201 Input Ch2: ZDC Tac Diff



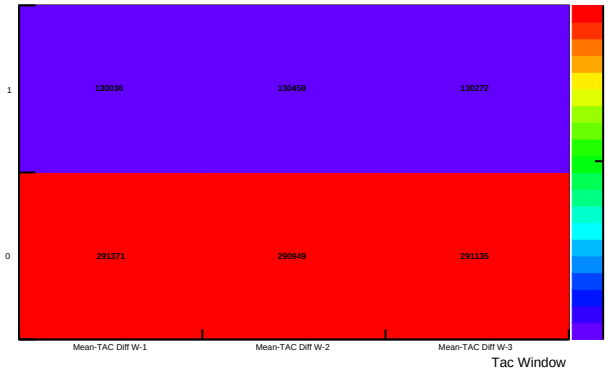
VT201 Input Ch2: ZDC Adc Sum Th



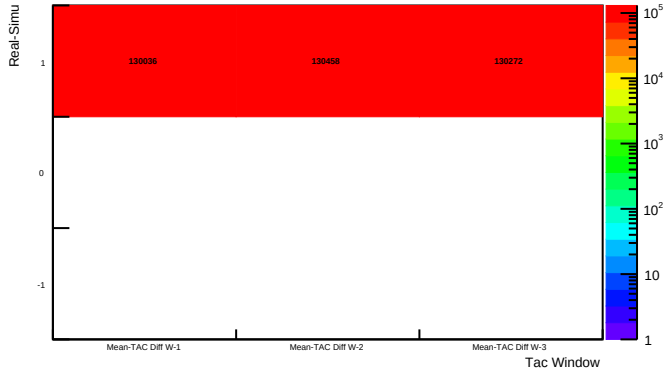
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



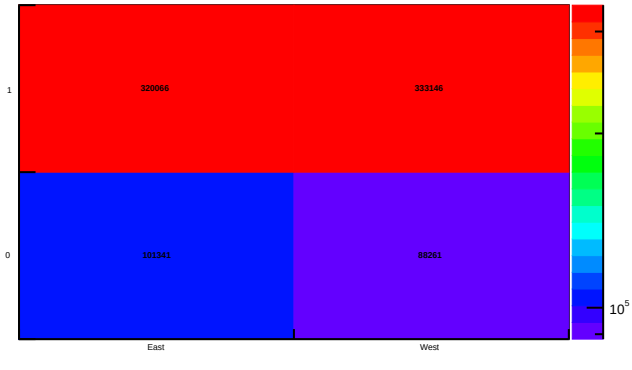
VT201 Input Ch4: VPD Tac Diff



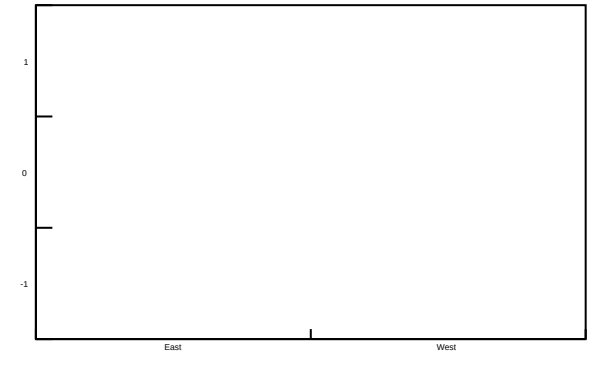
VT201 Input Ch4: VPD Tac Diff

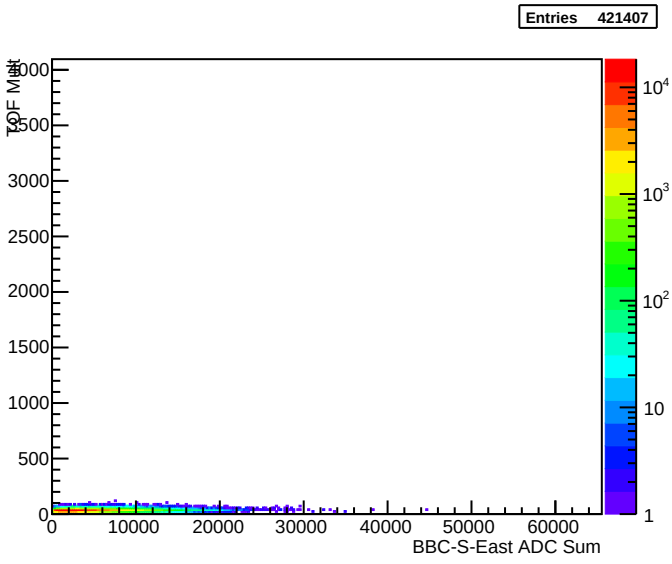


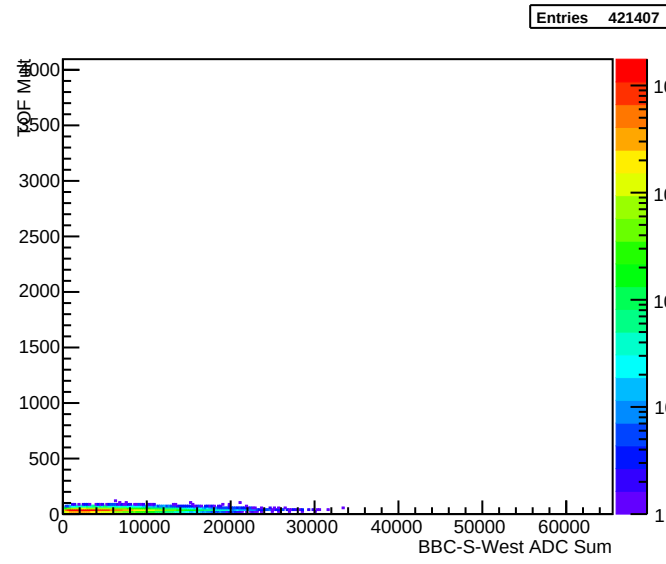
VT201 Input Ch4: VPD Adc Sum Th

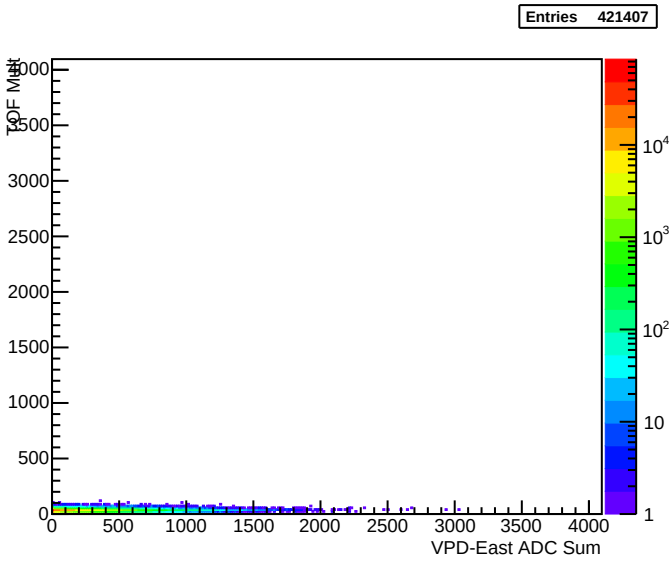


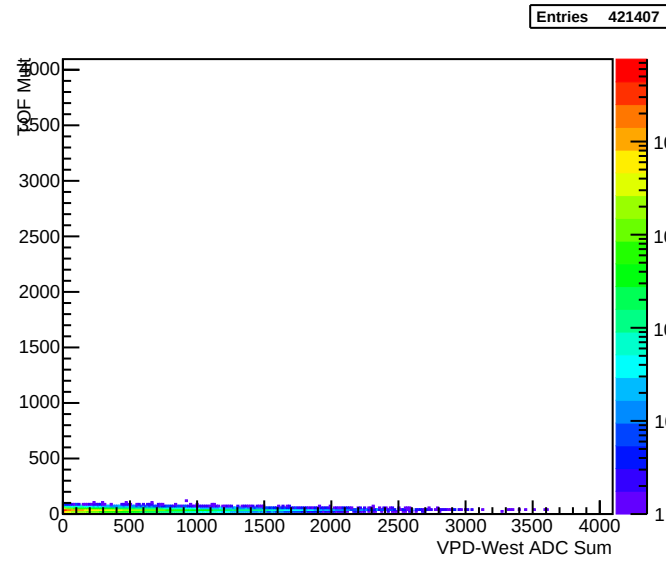
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

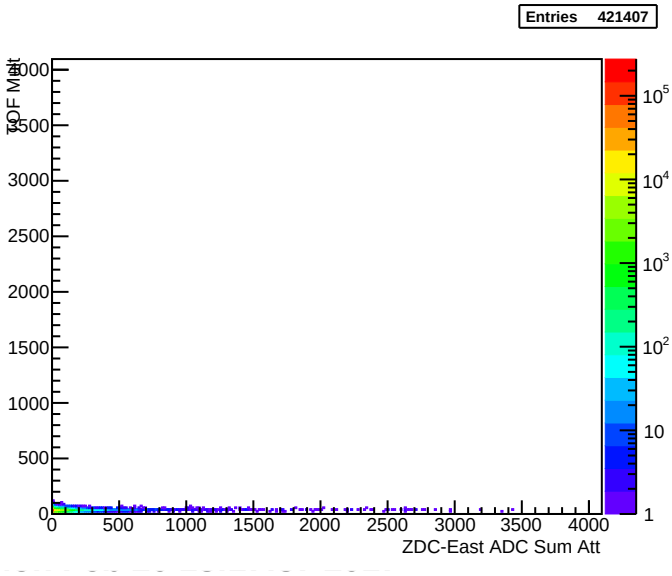


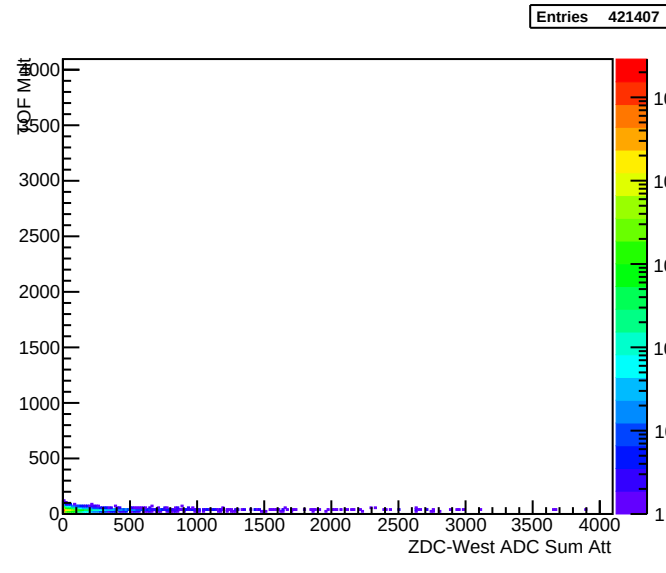

Entries 421407
TOF Mult
BBC-S-East ADC Sum

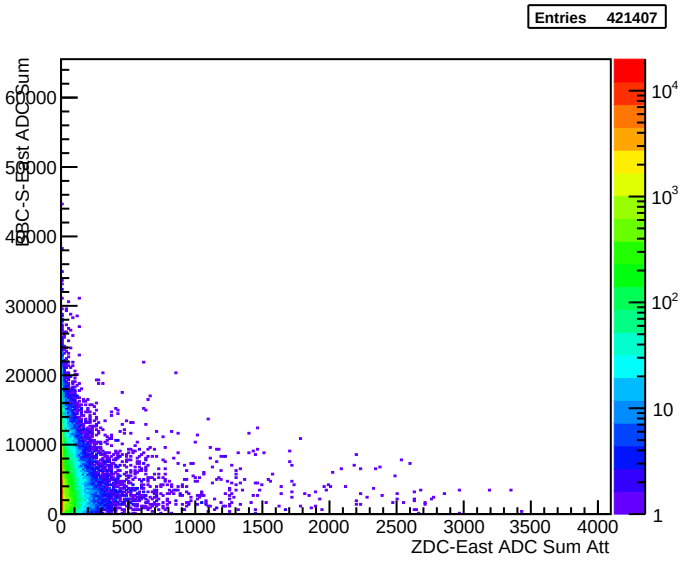

Entries 421407
TOF Mult
BBC-S-West ADC Sum

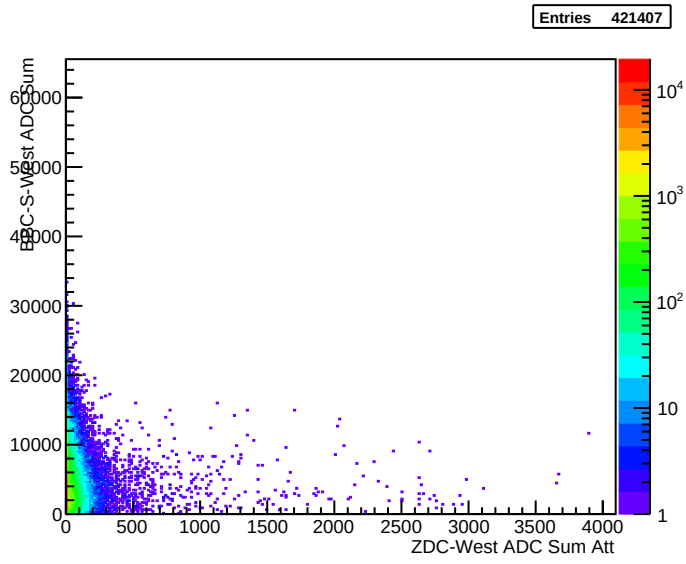

Entries 421407
TOF Mult
VPD-East ADC Sum

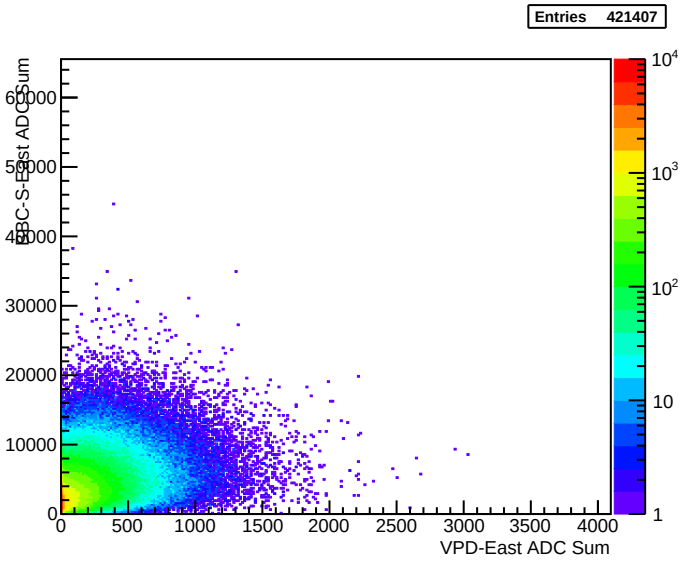

Entries 421407
TOF Mult
VPD-West ADC Sum

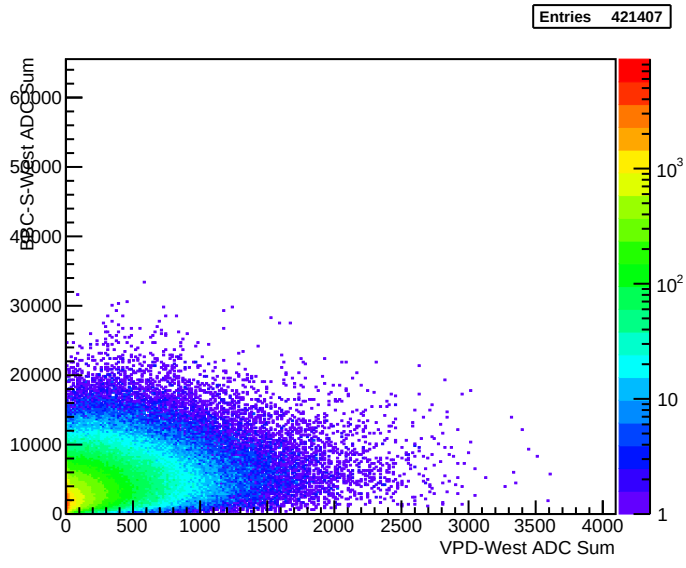

Entries 421407
TOF Mult
ZDC-East ADC Sum Att

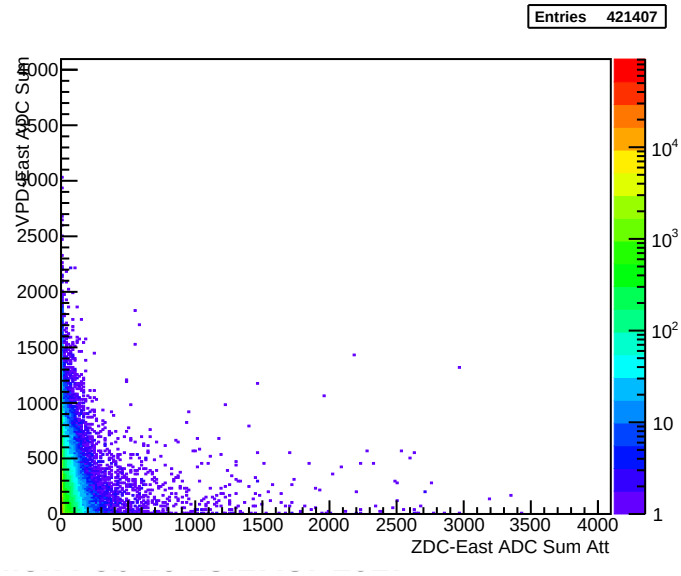

Entries 421407
TOF Mult
ZDC-West ADC Sum Att

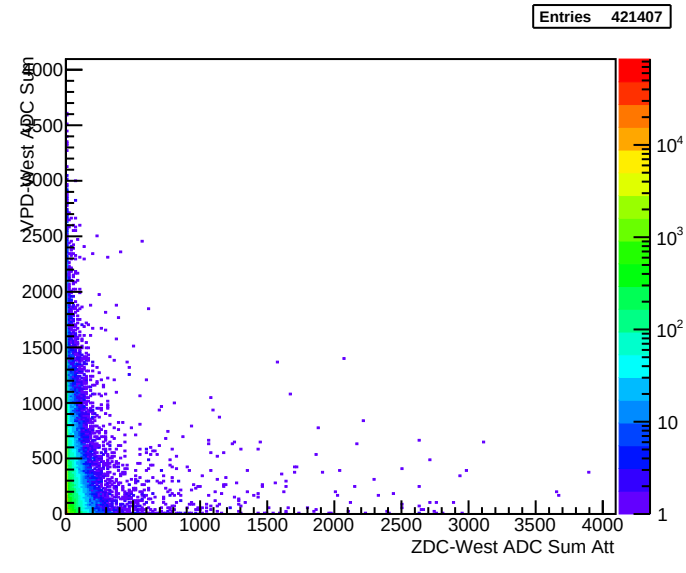

Entries 421407
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

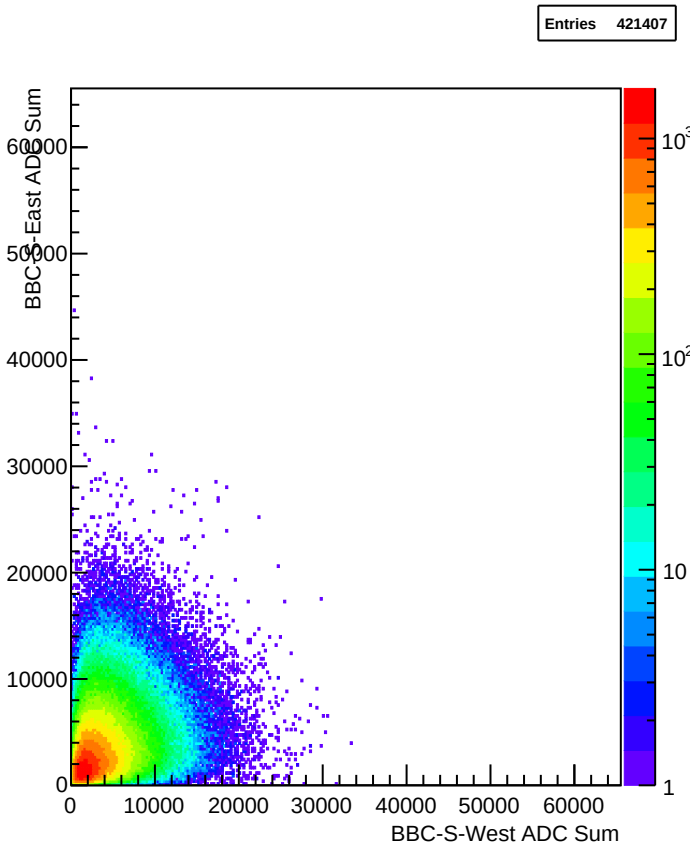

Entries 421407
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

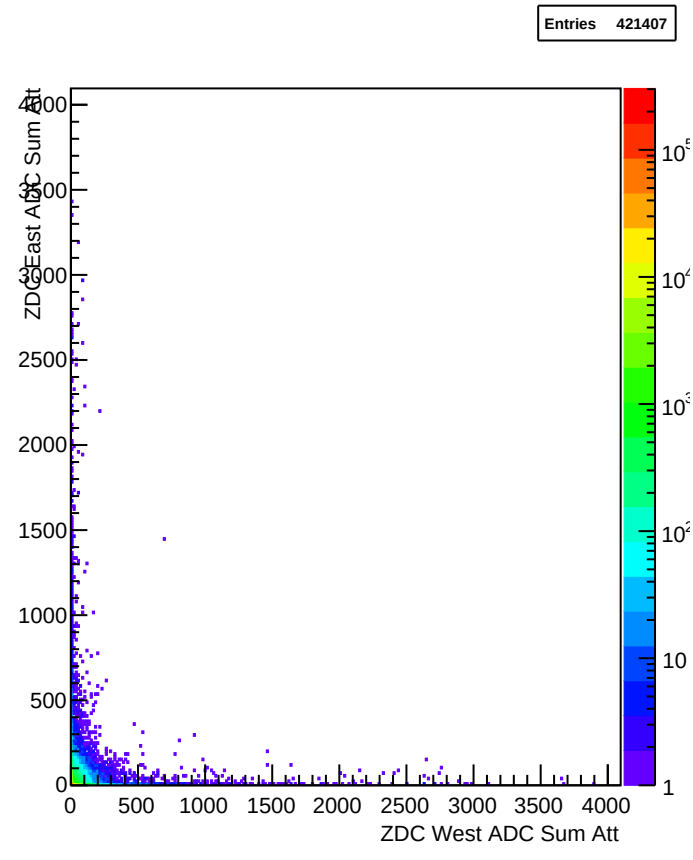

Entries 421407
BBC-S-East ADC Sum
VPD-East ADC Sum

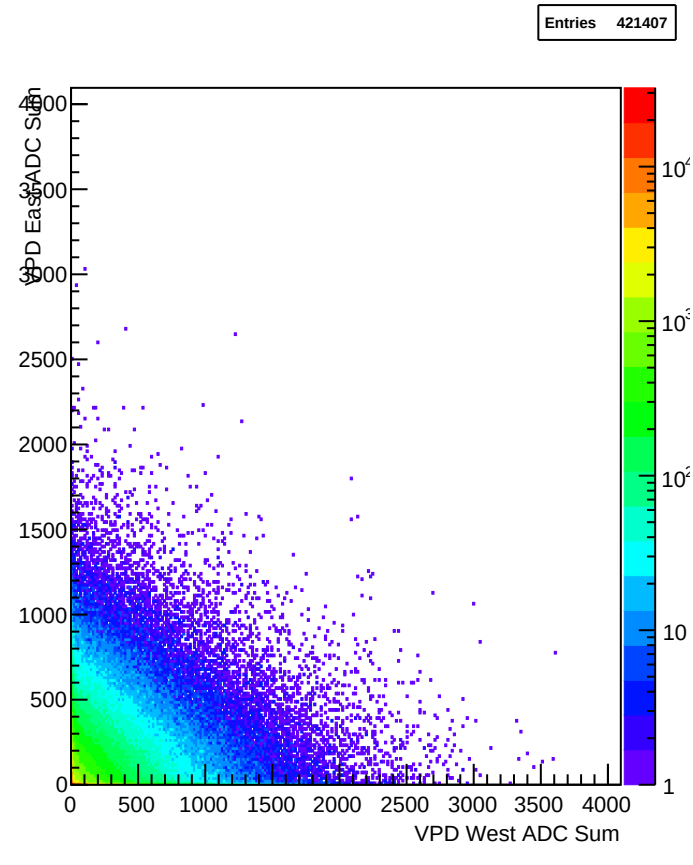

Entries 421407
BBC-S-West ADC Sum
VPD-West ADC Sum

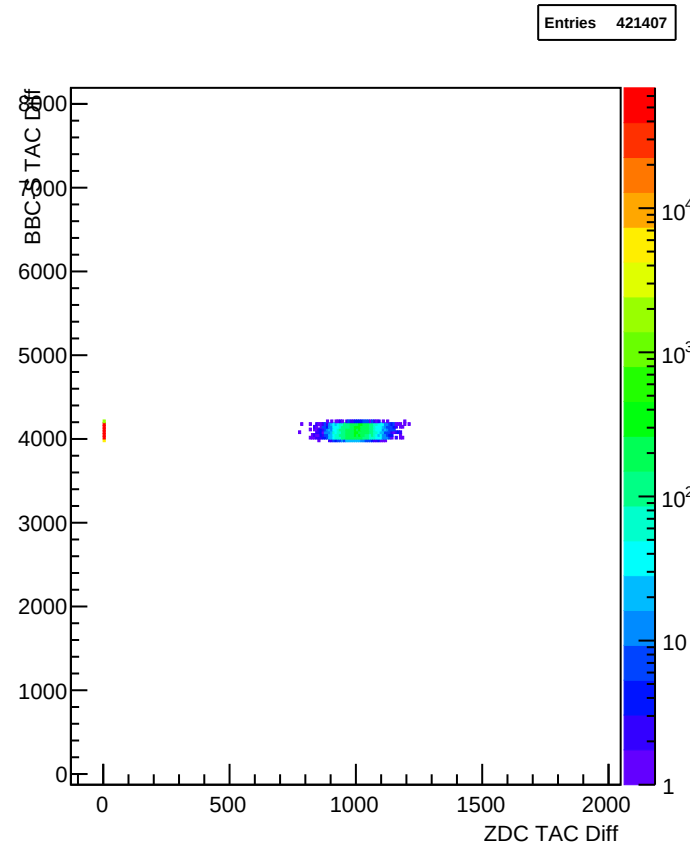

Entries 421407
VPD-East ADC Sum
ZDC-East ADC Sum Att

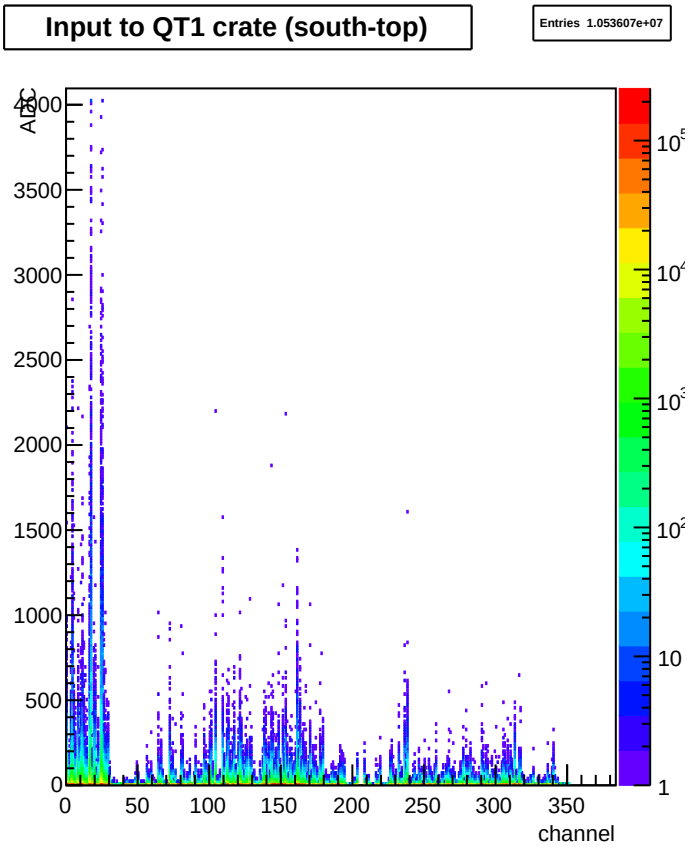

Entries 421407
VPD-West ADC Sum
ZDC-West ADC Sum Att

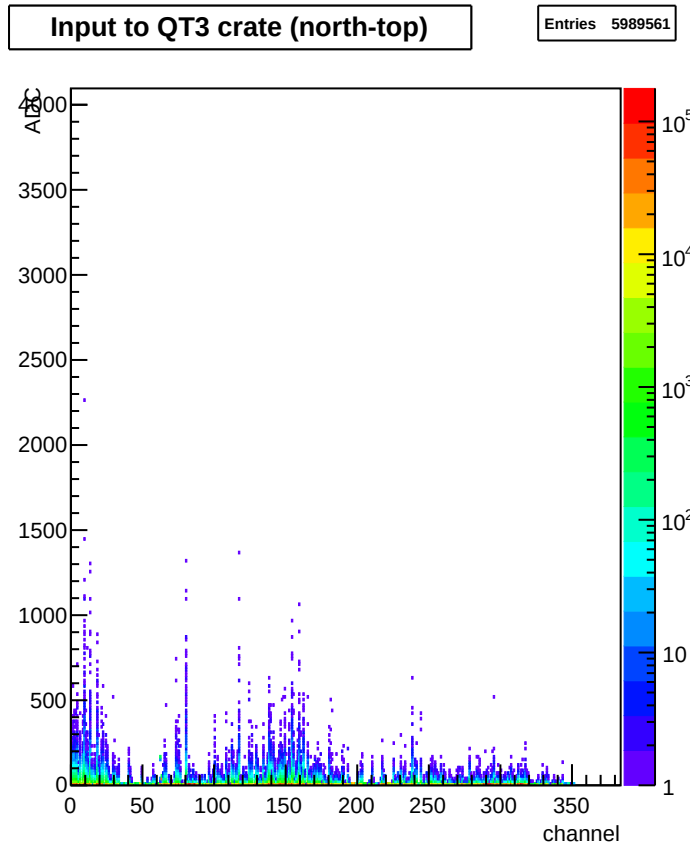

Entries 421407
BBC-S-East ADC Sum
BBC-S-West ADC Sum

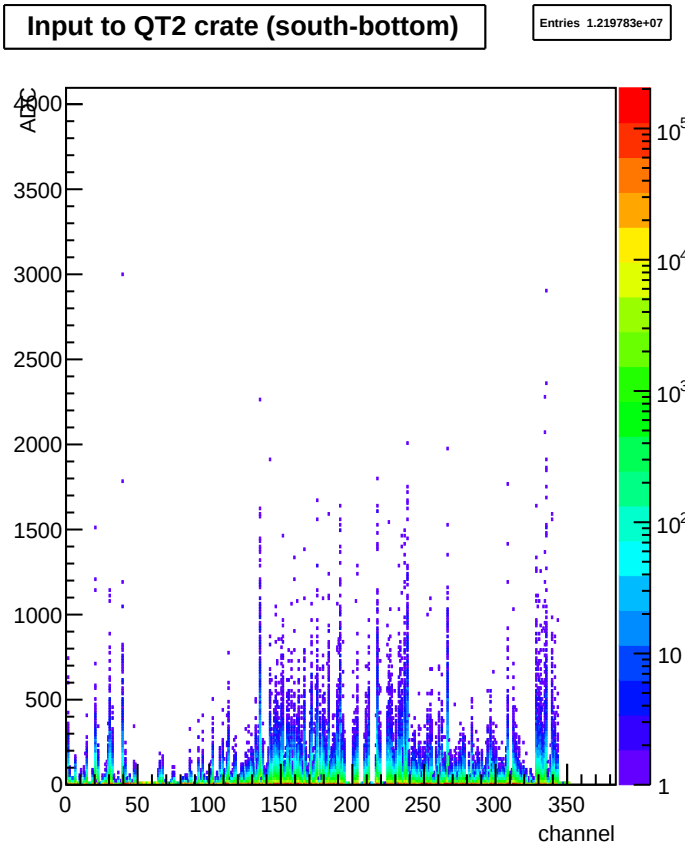

Entries 421407
ZDC East ADC Sum Att
ZDC West ADC Sum Att

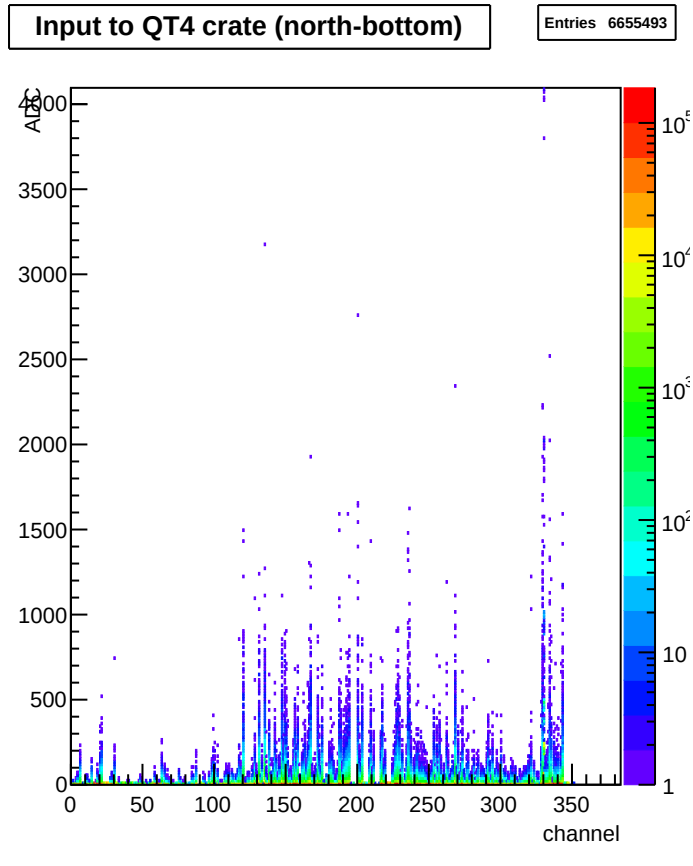

Entries 421407
VPD East ADC Sum
VPD West ADC Sum

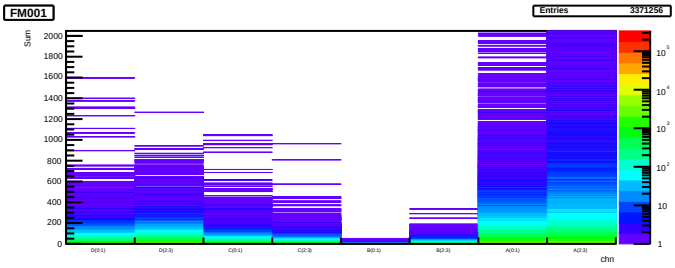

Entries 421407
BBC-S TAC Diff
ZDC TAC Diff

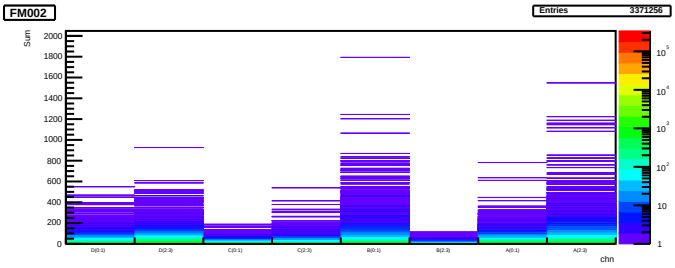

Input to QT1 crate (south-top)
Entries 1.053607e+07
ADC
channel

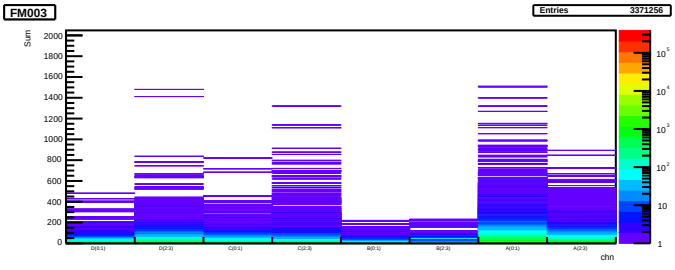

Input to QT3 crate (north-top)
Entries 5989561
ADC
channel

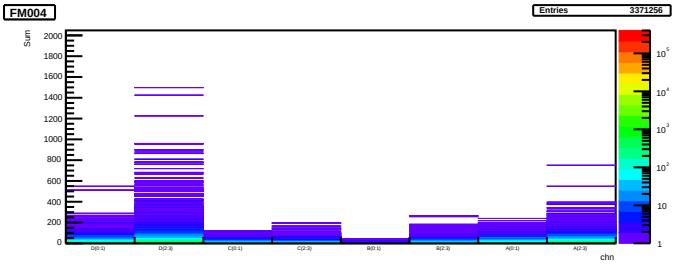

Input to QT2 crate (south-bottom)
Entries 1.219783e+07
ADC
channel

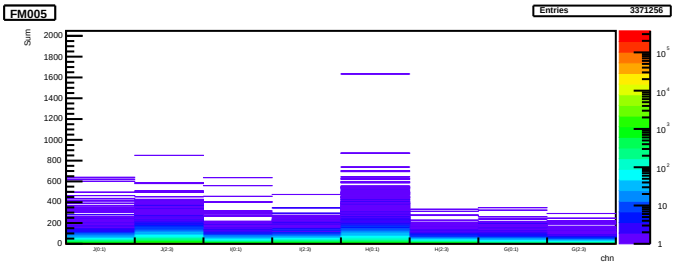

Input to QT4 crate (north-bottom)
Entries 6655493
ADC
channel

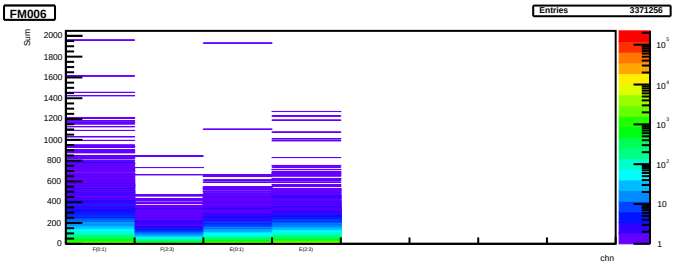

FM001
Entries 3371256
Sum
chn

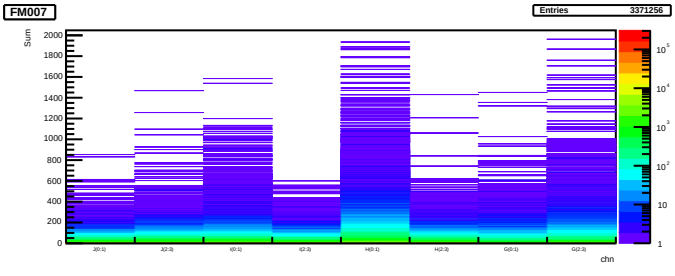

FM002
Entries 3371256
Sum
chn

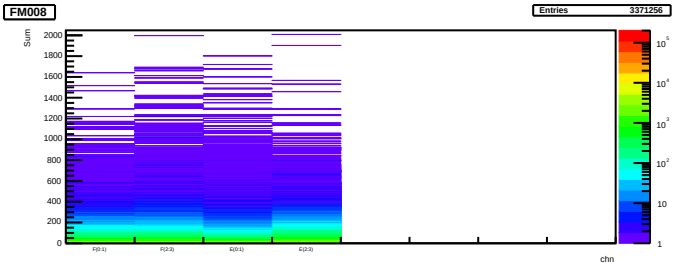

FM003
Entries 3371256
Sum
chn

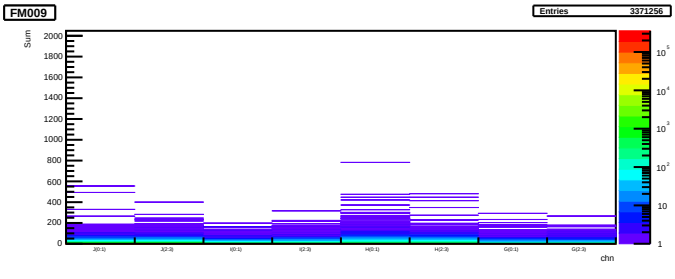

FM004
Entries 3371256
Sum
chn

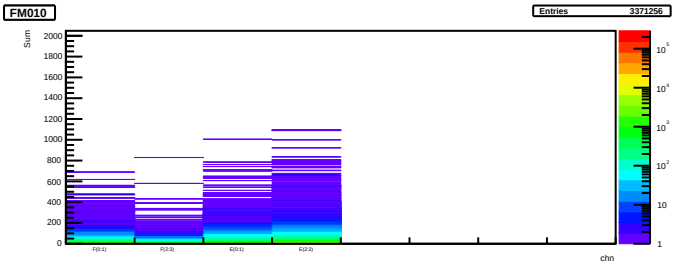

FM005
Entries 3371256
Sum
chn

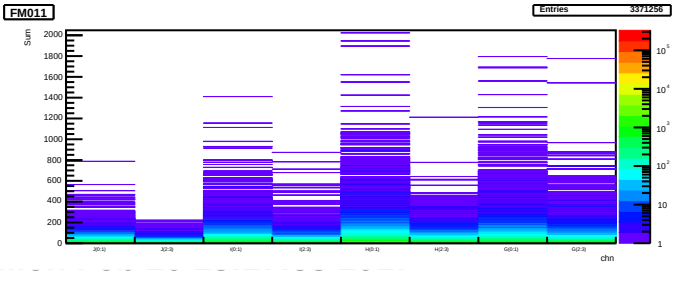

FM006
Entries 3371256
Sum
chn

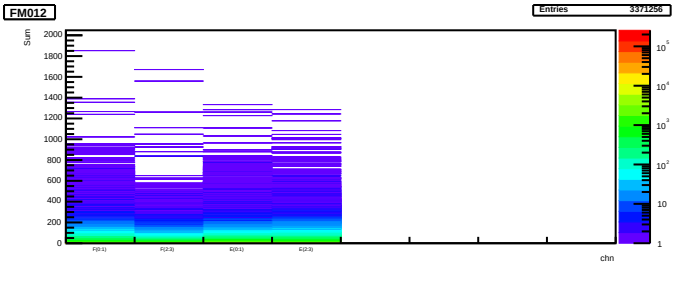

FM007
Entries 3371256
Sum
chn

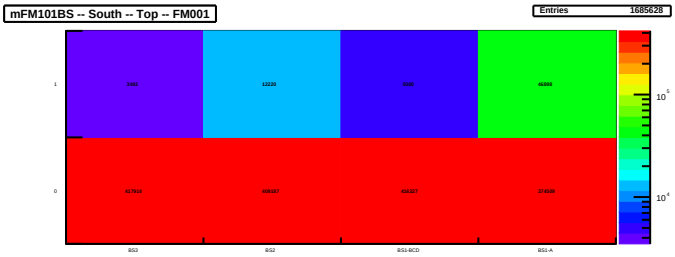

FM008
Entries 3371256
Sum
chn

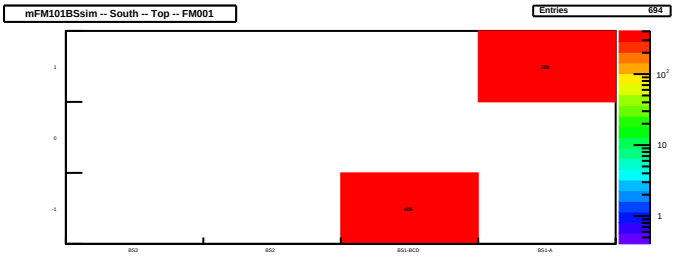

FM009
Entries 3371256
Sum
chn

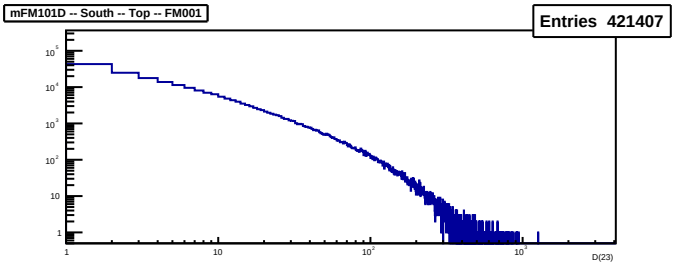

FM010
Entries 3371256
Sum
chn

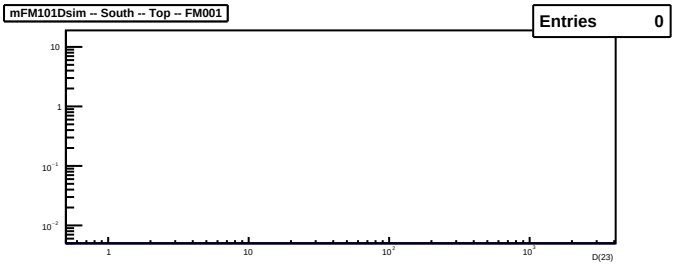

FM011
Entries 3371256
Sum
chn

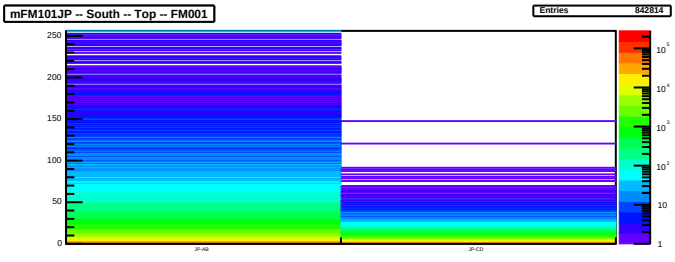

FM012
Entries 3371256
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 1685628

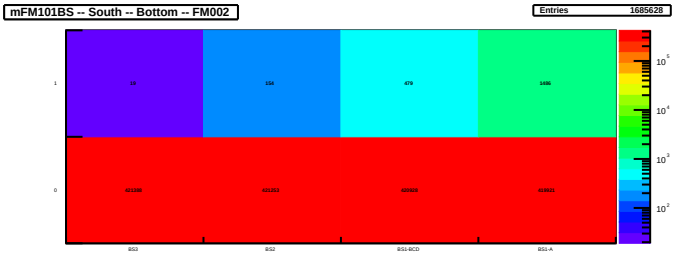

mFM101BSsim -- South -- Top -- FM001
Entries 694

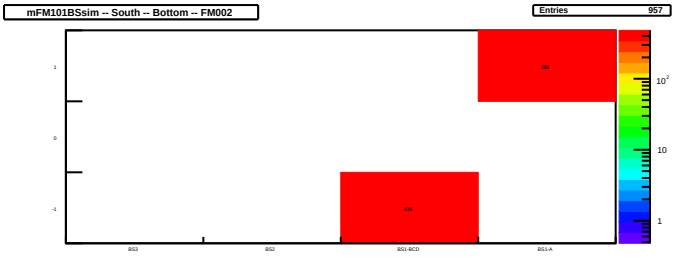

mFM101D -- South -- Top -- FM001
Entries 421407
D(23)

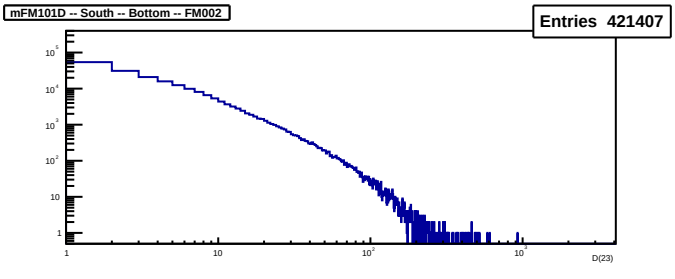

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 842814

mFM101JPsim -- South -- Top -- FM001
Entries 0


mFM101BS -- South -- Bottom -- FM002
Entries 1685628


mFM101BSsim -- South -- Bottom -- FM002
Entries 957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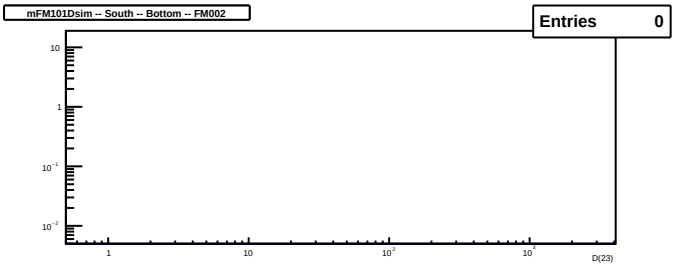
Entries 421407
D(23)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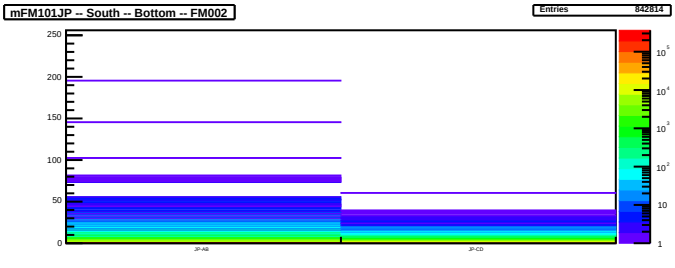
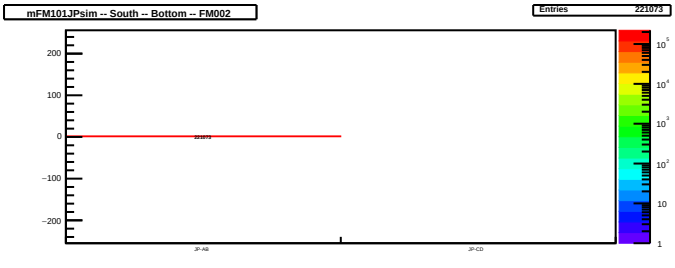
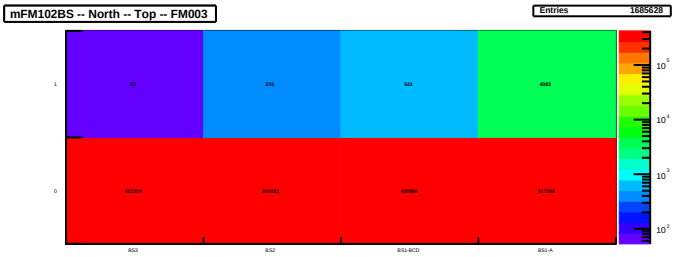
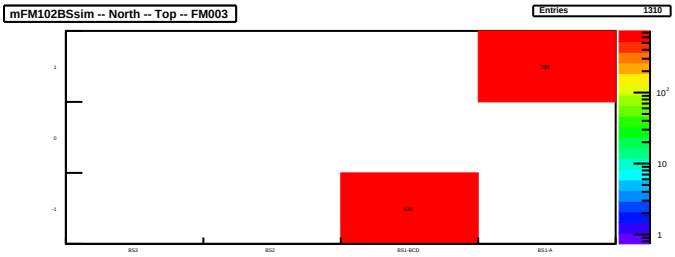
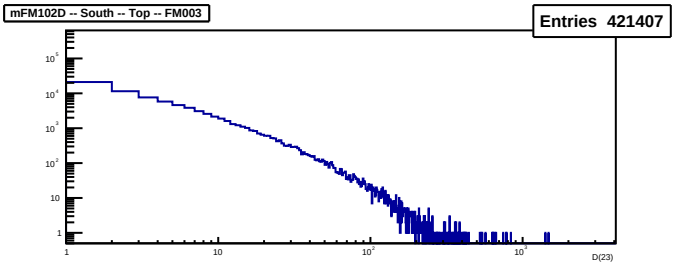
Entries 0
D(23)

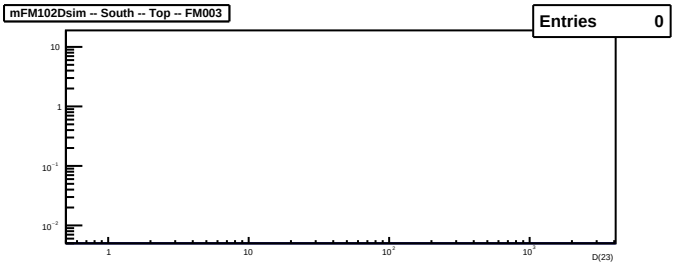

mFM101JP -- South -- Bottom -- FM002
Entries 842814


mFM101JPsim -- South -- Bottom -- FM002
Entries 221073


mFM102BS -- North -- Top -- FM003
Entries 1685628
53
374
541
4083
421354
421033
420864
417224
BS3
BS2
BS1-BCD
BS1-A


mFM102BSsim -- North -- Top -- FM003
Entries 1310
729
571
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Top -- FM003
Entries 421407
D(23)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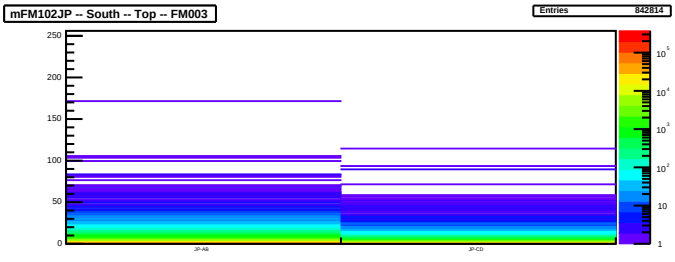
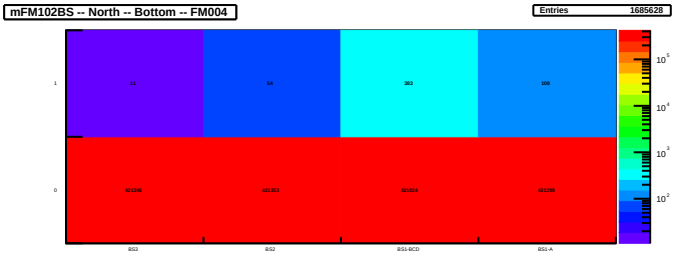
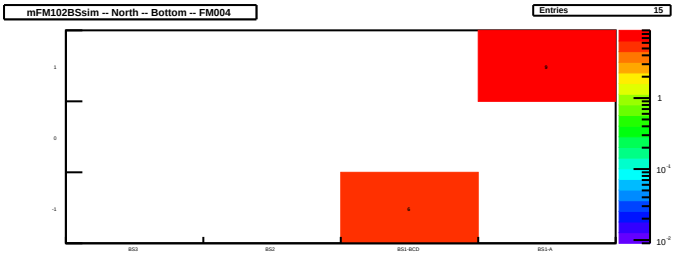
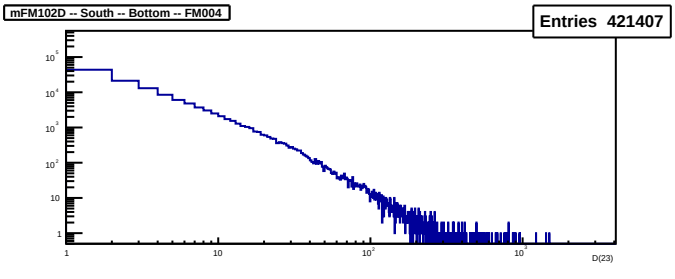
Entries 0
D(23)

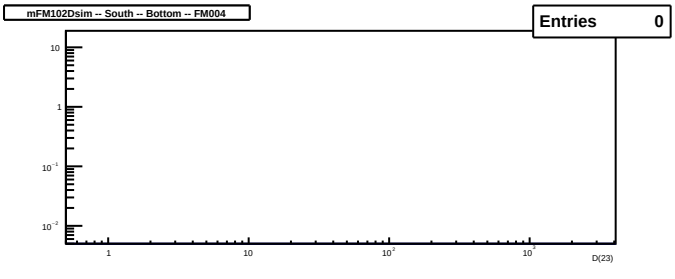

mFM102JP -- South -- Top -- FM003
Entries 842814
JP-AB
JP-CD

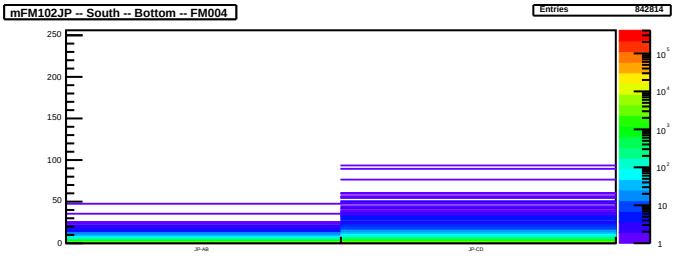
mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD

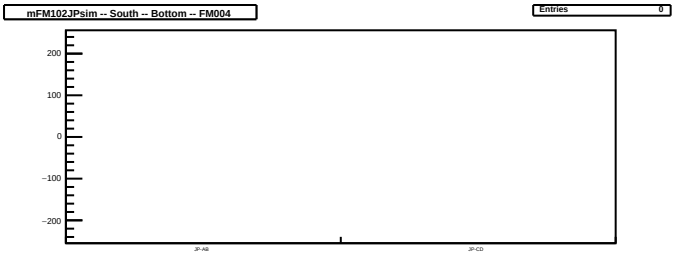

mFM102BS -- North -- Bottom -- FM004
Entries 1685628
11
54
363
168
421336
421353
421024
421290
BS3
BS2
BS1-BCD
BS1-A

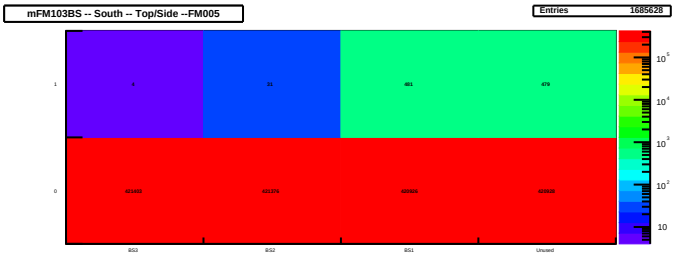

mFM102BSsim -- North -- Bottom -- FM004
Entries 15
9
6
BS3
BS2
BS1-BCD
BS1-A

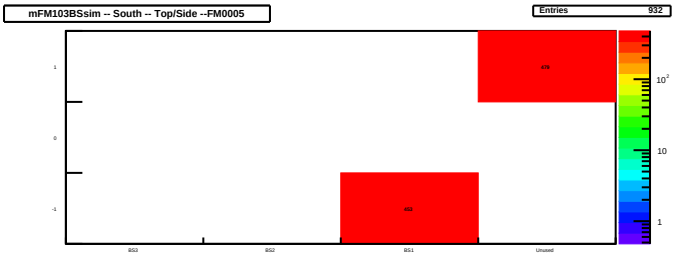

mFM102D -- South -- Bottom -- FM004
Entries 421407
D(23)

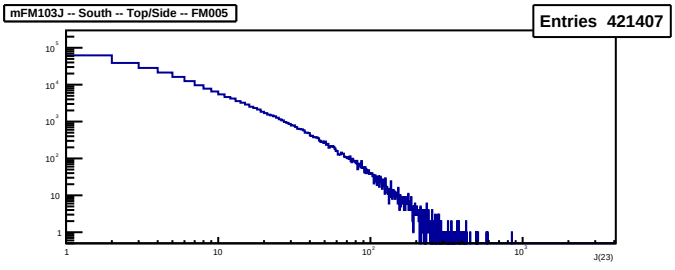

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

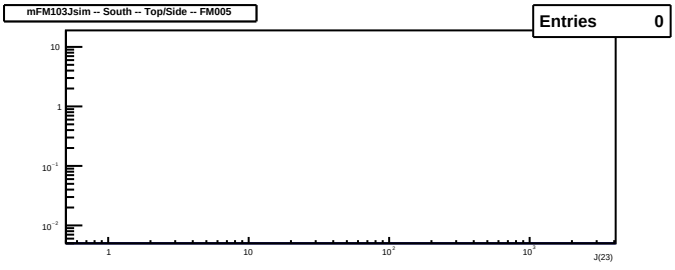

mFM102JP -- South -- Bottom -- FM004
Entries 842814
JP-AB
JP-CD

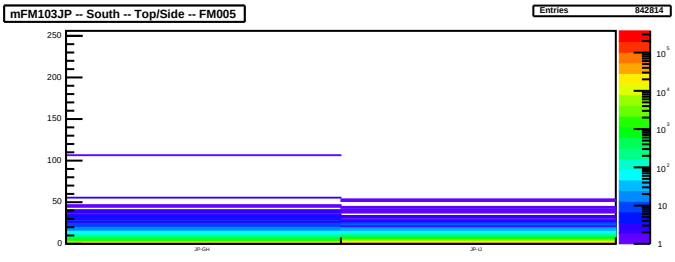

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

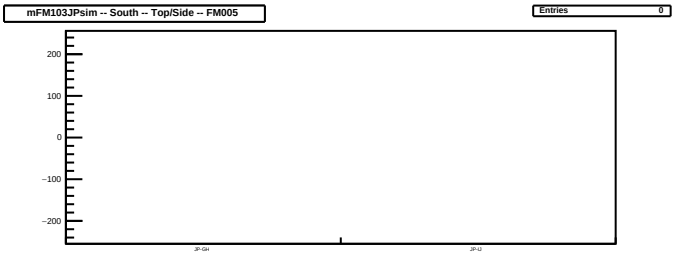

mFM103BS -- South -- Top/Side --FM005
Entries 1685628
4
31
481
479
421403
421374
420924
420920
BS3
BS2
BS1
Unused

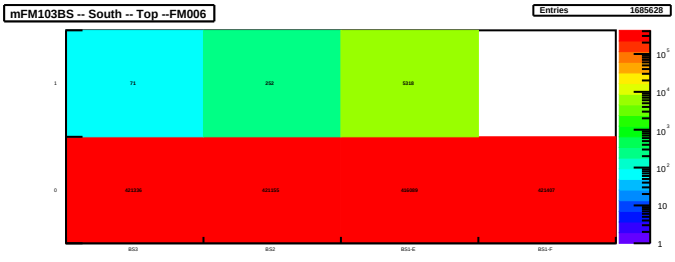

mFM103BSsim -- South -- Top/Side --FM0005
Entries 932
479
453
BS3
BS2
BS1
Unused

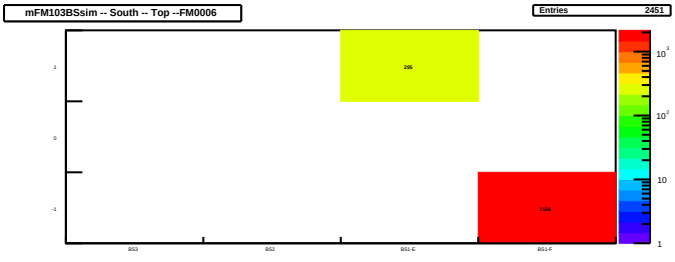

mFM103J -- South -- Top/Side -- FM005
Entries 421407
J(23)

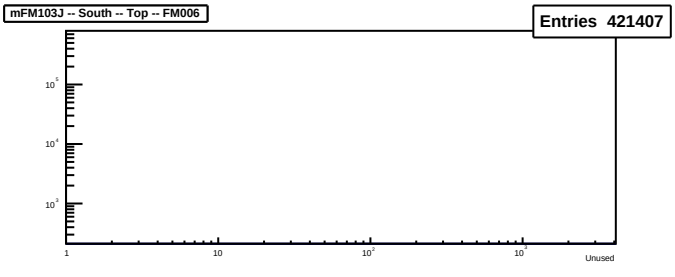

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

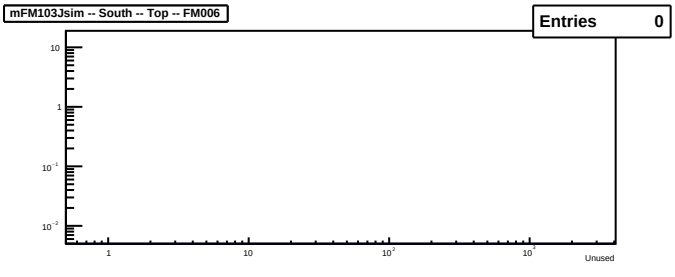

mFM103JP -- South -- Top/Side -- FM005
Entries 842814
JP-GH
JP-IJ

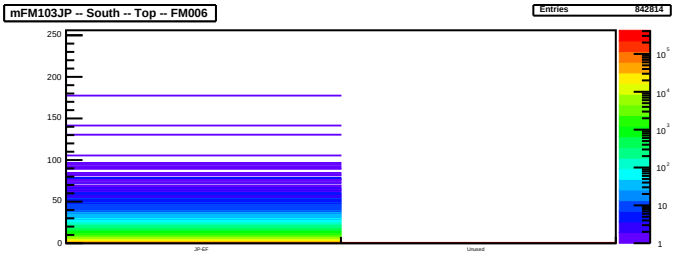

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ

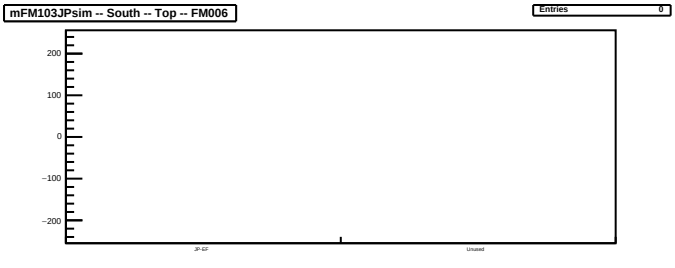

mFM103BS -- South -- Top --FM006
Entries 1685628
71
252
5318
421336
421101
420369
421407
BS3
BS2
BS1-E
BS1-F

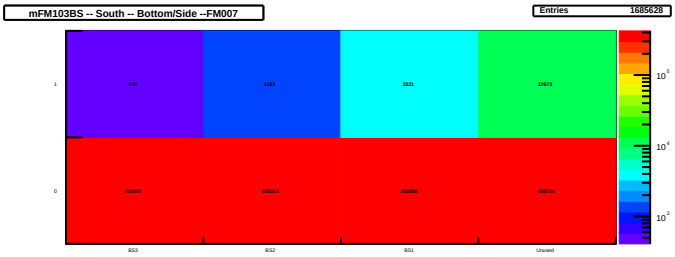

mFM103BSsim -- South -- Top --FM0006
Entries 2451
296
2154
BS3
BS2
BS1-E
BS1-F

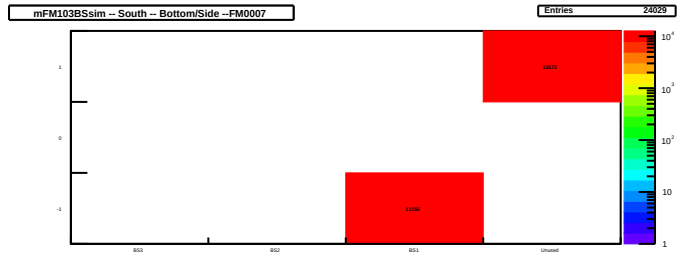

mFM103J -- South -- Top -- FM006
Entries 421407
Unused

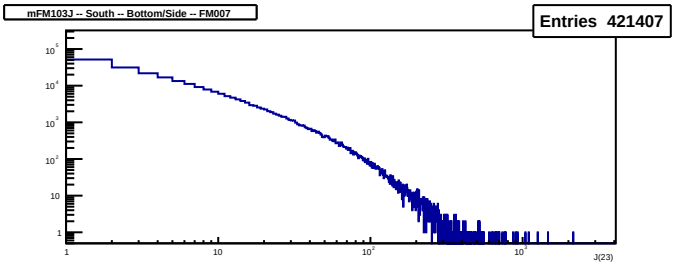

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

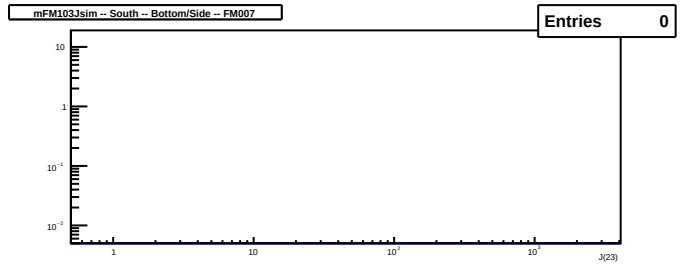

mFM103JP -- South -- Top -- FM006
Entries 842814
JP-EF
Unused

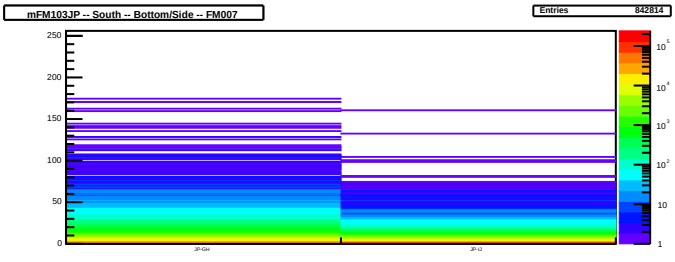

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

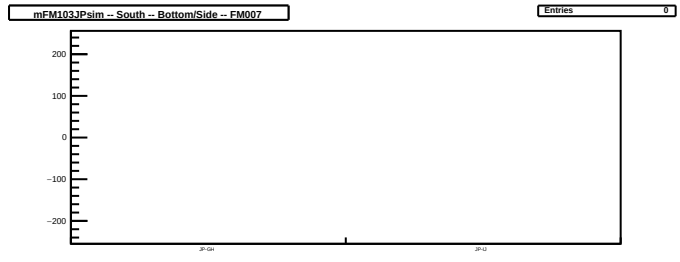

mFM103BS -- South -- Bottom/Side --FM007
Entries 1685628
410
1353
3221
12673
420997
420214
419006
408736
BS3
BS2
BS1
Unused

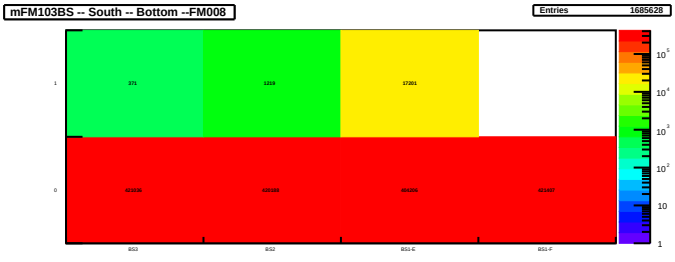

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 24029
12673
11356
BS3
BS2
BS1
Unused

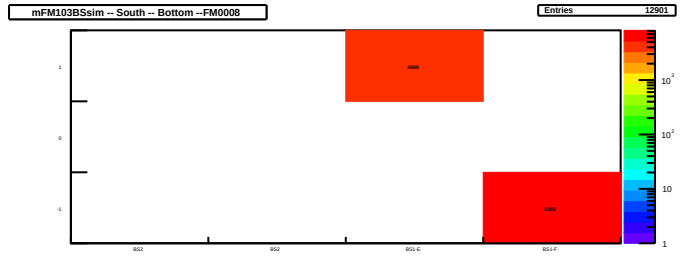

mFM103J -- South -- Bottom/Side -- FM007
Entries 421407
J(23)

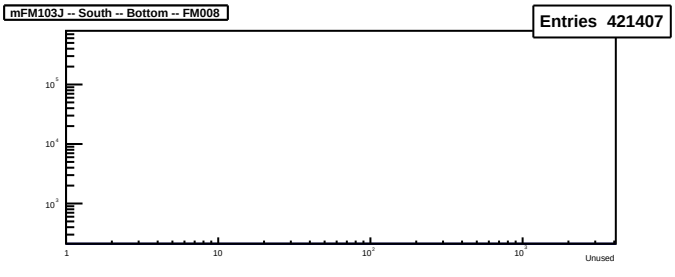

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

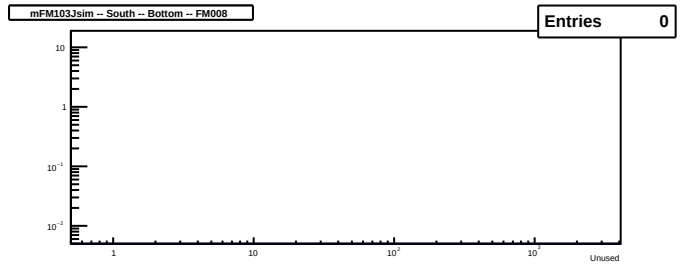

mFM103JP -- South -- Bottom/Side -- FM007
Entries 842814
JP-GH
JP-IJ

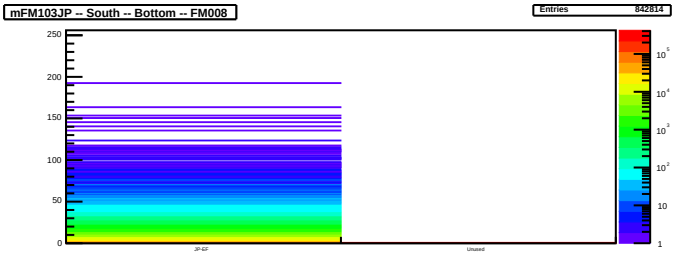

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ

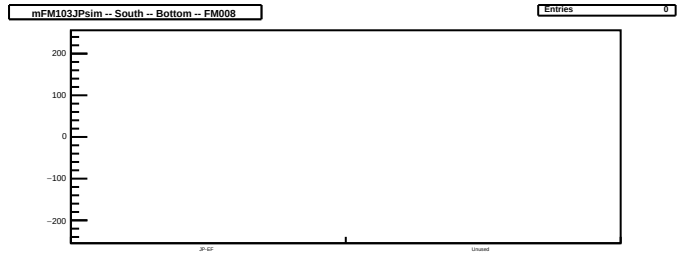

mFM103BS -- South -- Bottom --FM008
Entries 1685628
371
1219
17201
421036
420188
404206
421407
BS3
BS2
BS1-E
BS1-F

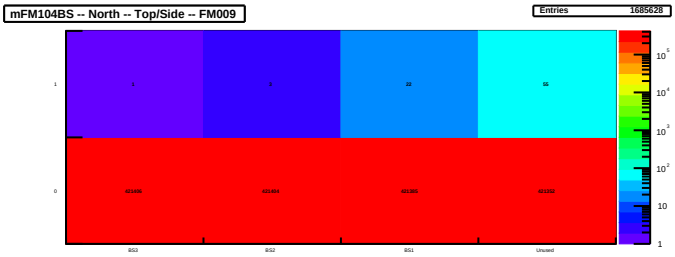

mFM103BSsim -- South -- Bottom --FM0008
Entries 12901
4689
8202
BS3
BS2
BS1-E
BS1-F

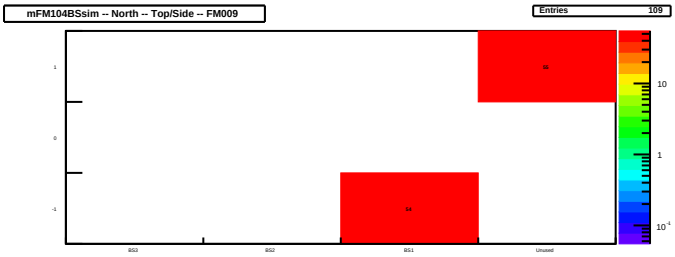

mFM103J -- South -- Bottom -- FM008
Entries 421407
Unused

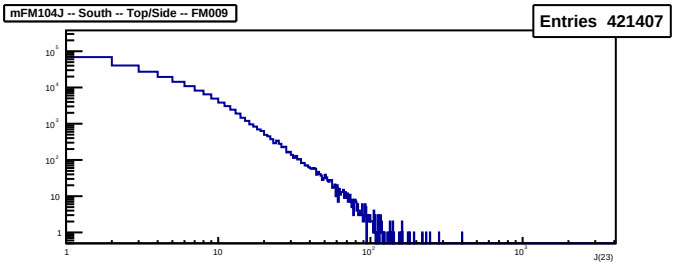

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

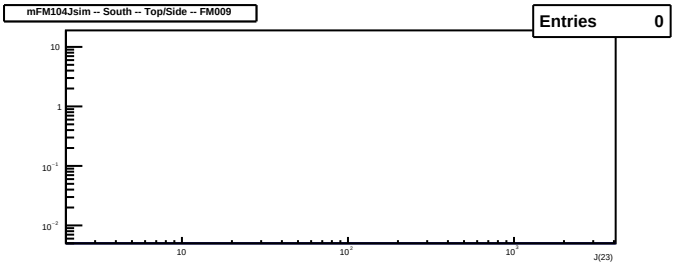

mFM103JP -- South -- Bottom -- FM008
Entries 842814
JP-EF
Unused

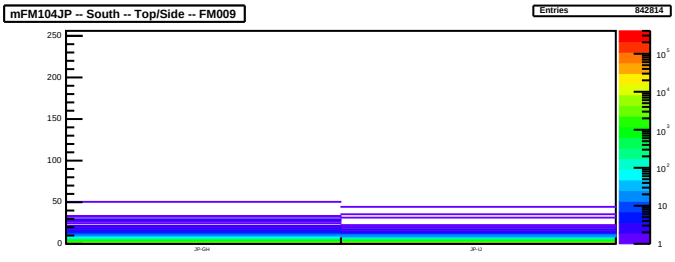

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

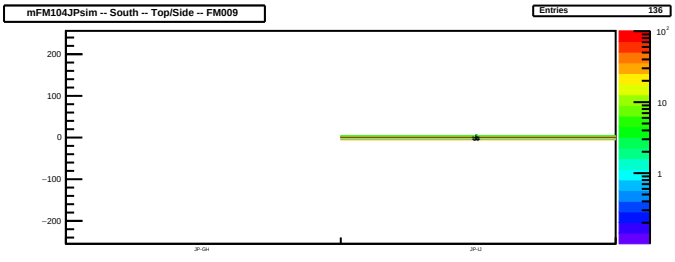

mFM104BS -- North -- Top/Side -- FM009
Entries 1685628

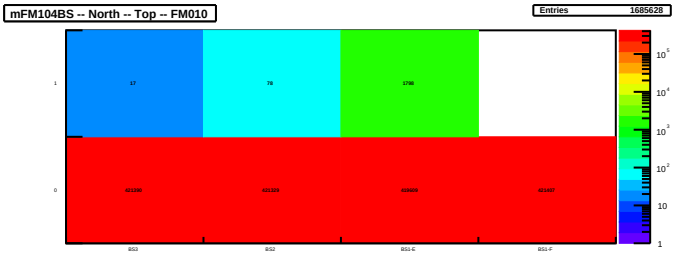

mFM104BSsim -- North -- Top/Side -- FM009
Entries 109

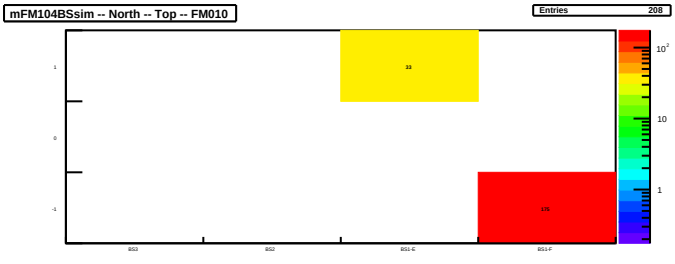

mFM104J -- South -- Top/Side -- FM009
Entries 421407
J(23)

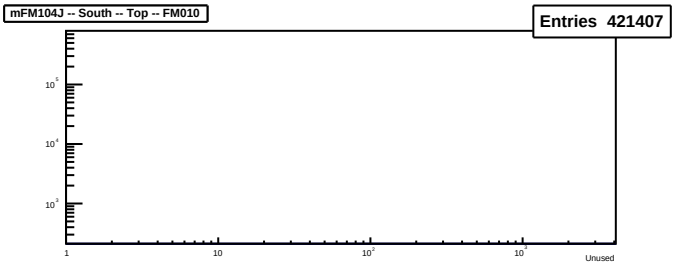

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

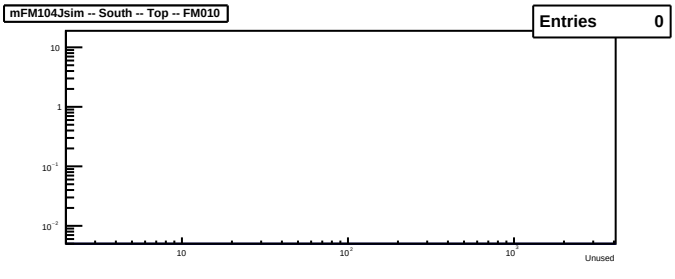

mFM104JP -- South -- Top/Side -- FM009
Entries 842814

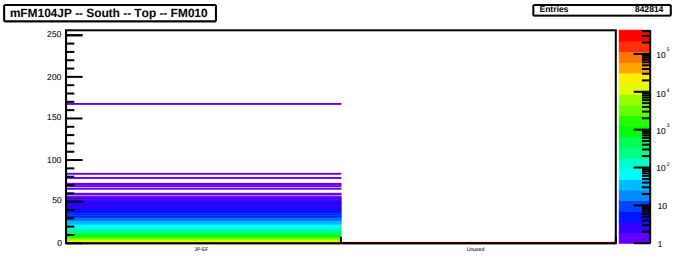

mFM104JPsim -- South -- Top/Side -- FM009
Entries 136

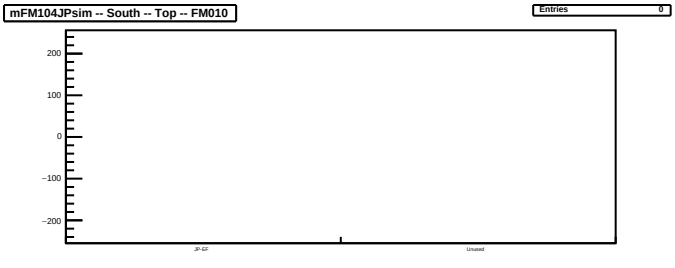

mFM104BS -- North -- Top -- FM010
Entries 1685628

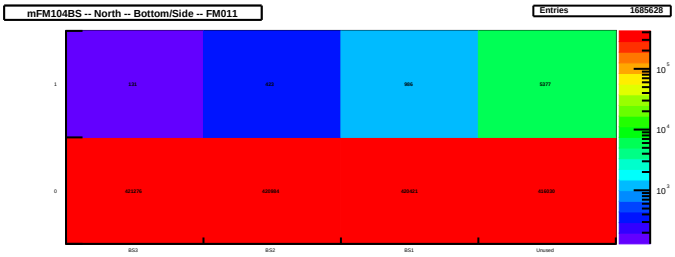

mFM104BSsim -- North -- Top -- FM010
Entries 208

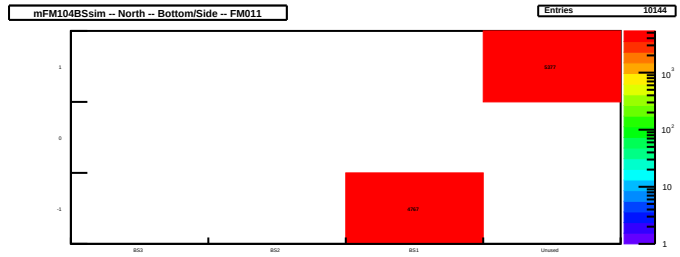

mFM104J -- South -- Top -- FM010
Entries 421407
Unused

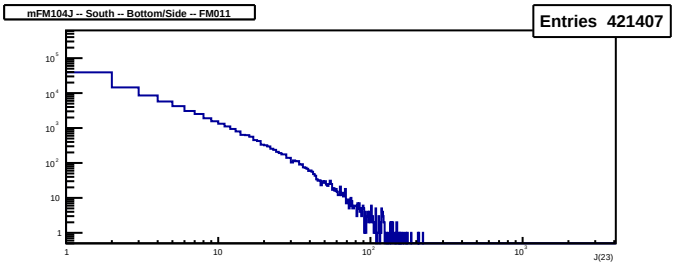

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

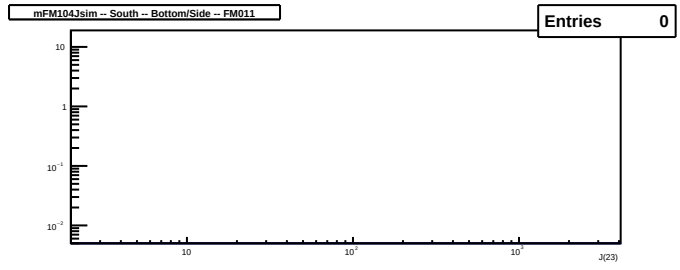

mFM104JP -- South -- Top -- FM010
Entries 842814

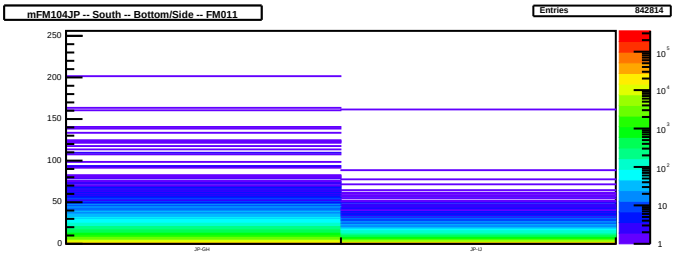

mFM104JPsim -- South -- Top -- FM010
Entries 0

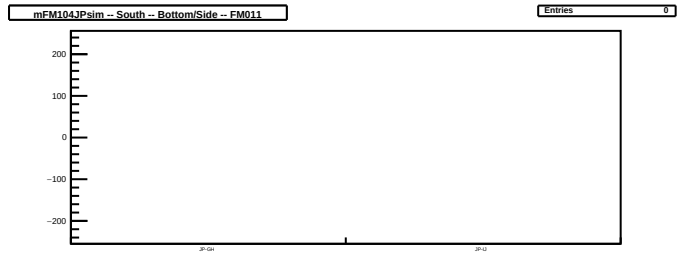

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1685628

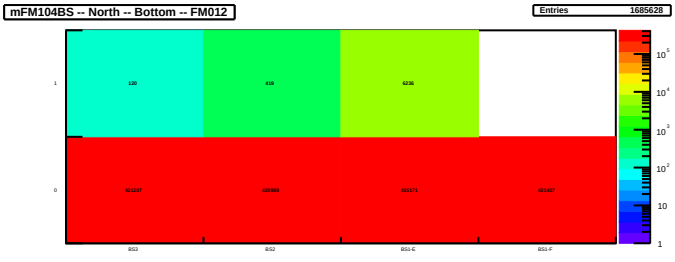

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 10144

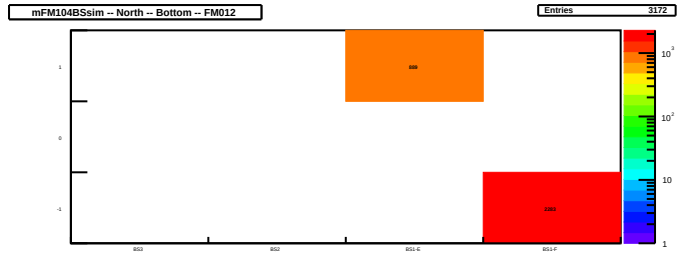

mFM104J -- South -- Bottom/Side -- FM011
Entries 421407
J(23)

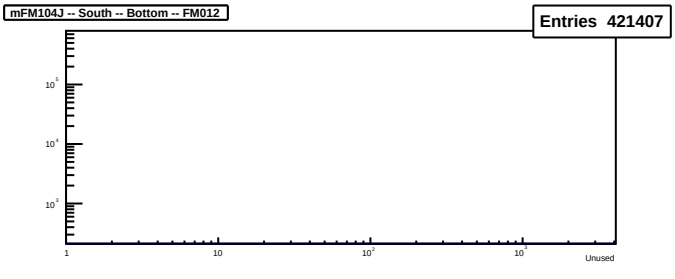

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

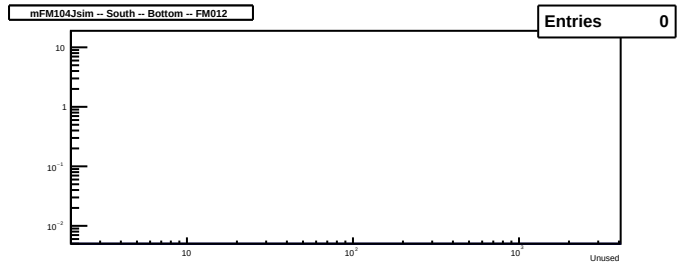

mFM104JP -- South -- Bottom/Side -- FM011
Entries 842814

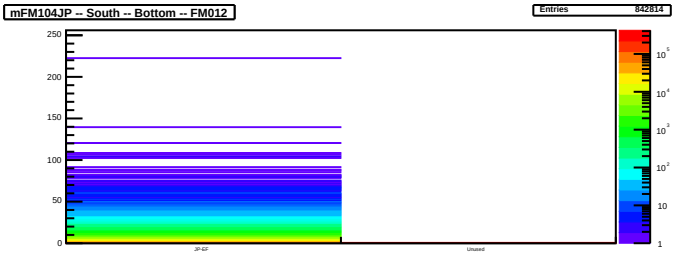

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0

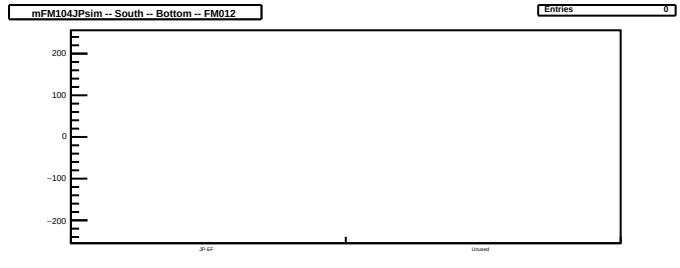

mFM104BS -- North -- Bottom -- FM012
Entries 1685628

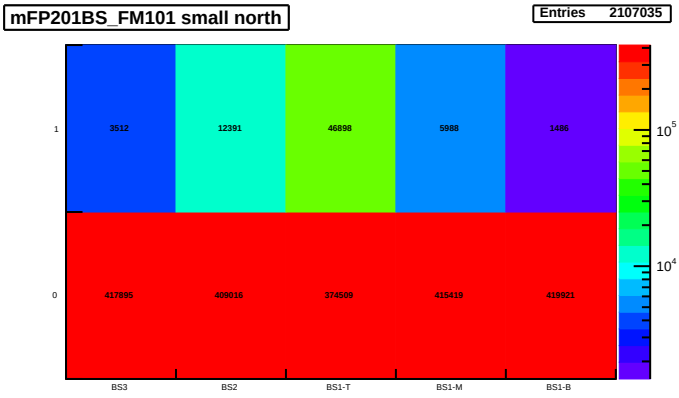

mFM104BSsim -- North -- Bottom -- FM012
Entries 3172

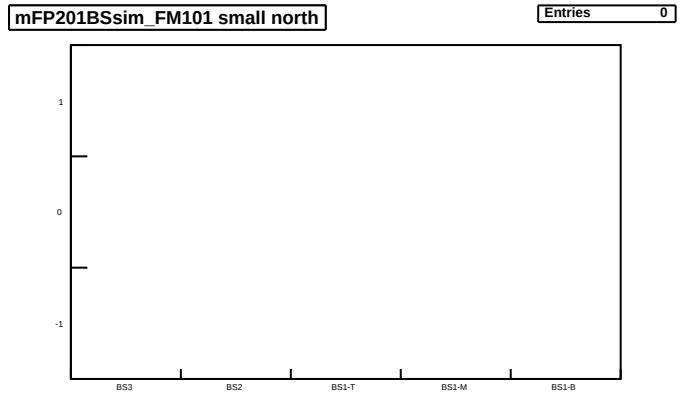

mFM104J -- South -- Bottom -- FM012
Entries 421407
Unused

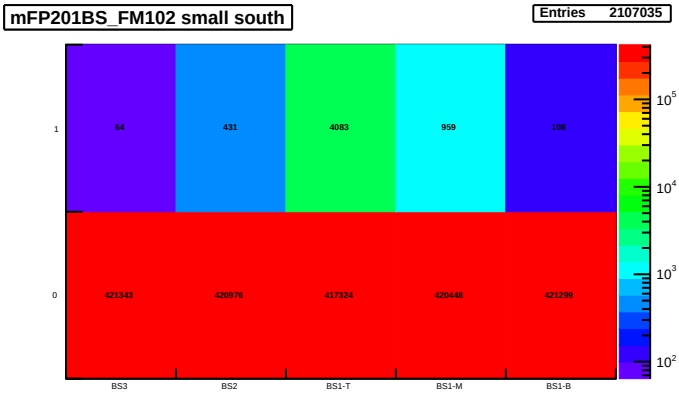

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

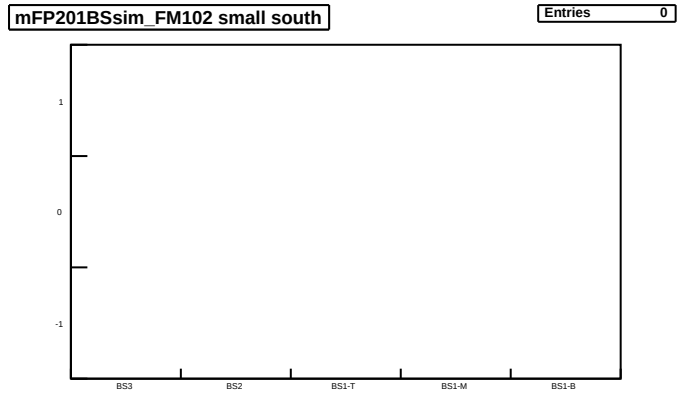

mFM104JP -- South -- Bottom -- FM012
Entries 842814

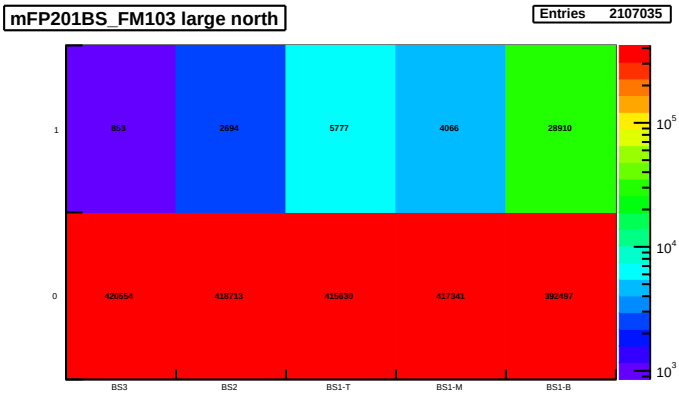

mFM104JPsim -- South -- Bottom -- FM012
Entries 0

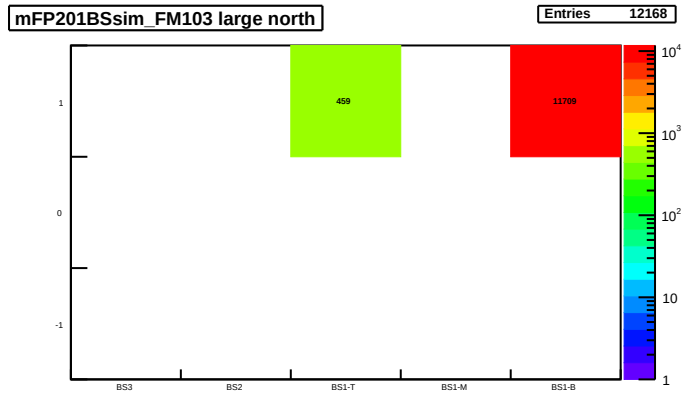

mFP201BS_FM101 small north
Entries 2107035
3512
12391
46898
5988
1486
417895
409016
374509
415419
419921
BS3
BS2
BS1-T
BS1-M
BS1-B

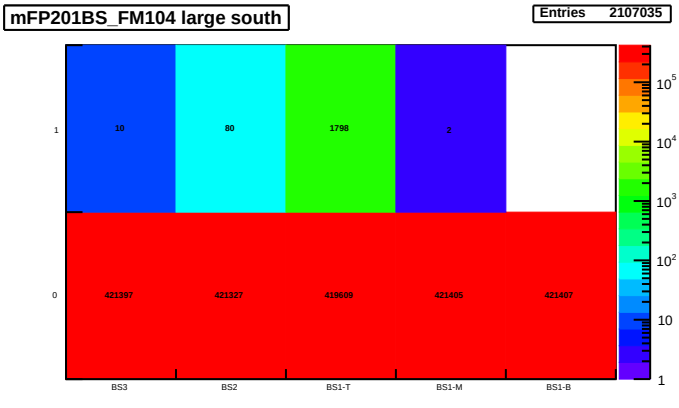

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

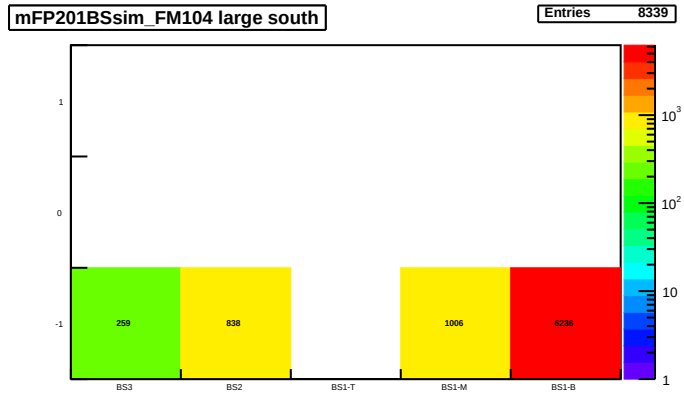

mFP201BS_FM102 small south
Entries 2107035
64
431
4083
959
108
421343
420976
417324
420448
421299
BS3
BS2
BS1-T
BS1-M
BS1-B

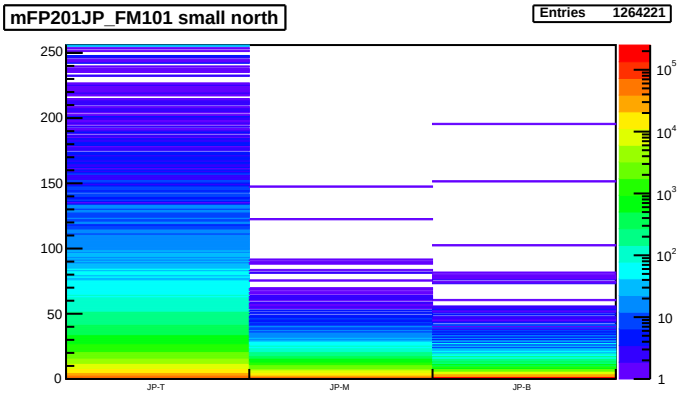

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

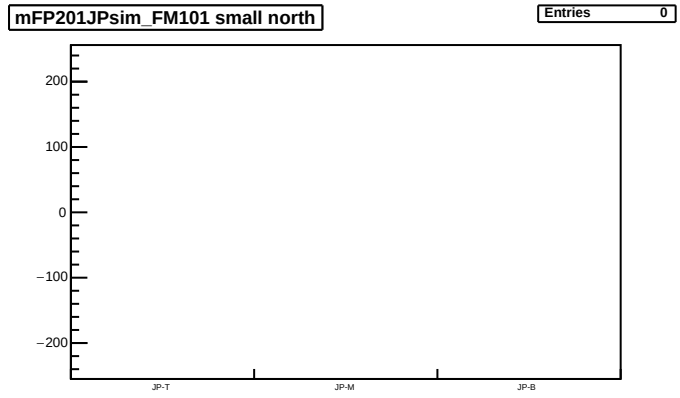

mFP201BS_FM103 large north
Entries 2107035
853
2694
5777
4066
28910
420554
418713
415630
417341
392497
BS3
BS2
BS1-T
BS1-M
BS1-B

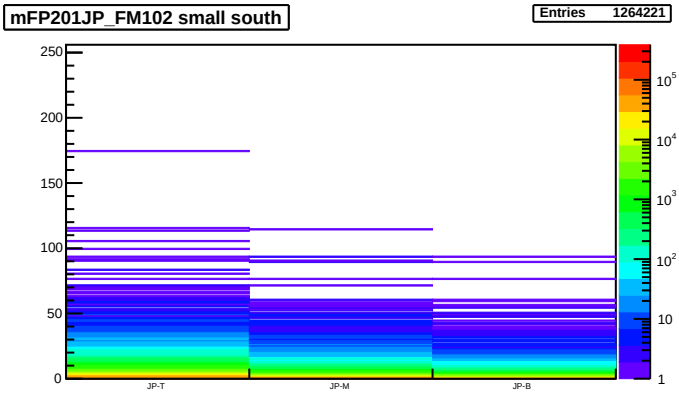

mFP201BSsim_FM103 large north
Entries 12168
459
11709
BS3
BS2
BS1-T
BS1-M
BS1-B

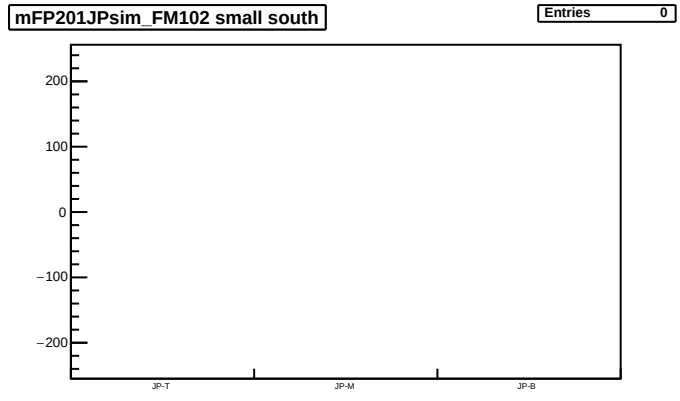

mFP201BS_FM104 large south
Entries 2107035
10
80
1798
2
421397
421327
419609
421405
421407
BS3
BS2
BS1-T
BS1-M
BS1-B

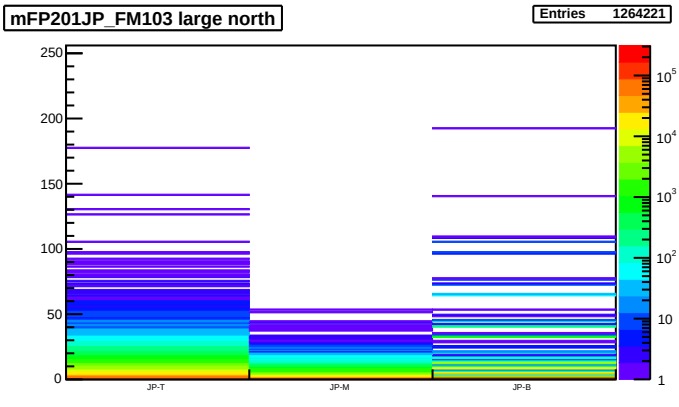

mFP201BSsim_FM104 large south
Entries 8339
259
838
1006
6236
BS3
BS2
BS1-T
BS1-M
BS1-B

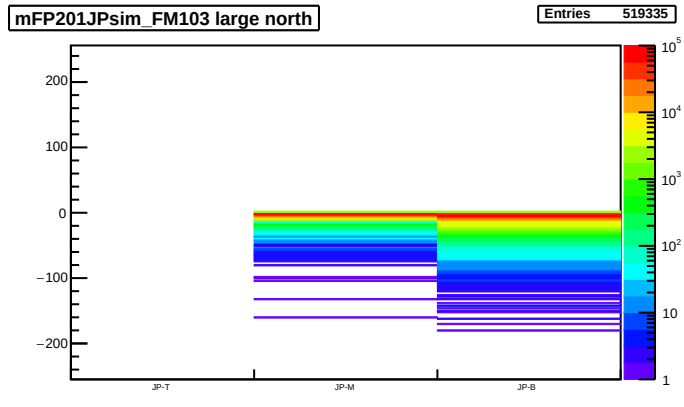

mFP201JP_FM101 small north
Entries 1264221
JP-T
JP-M
JP-B

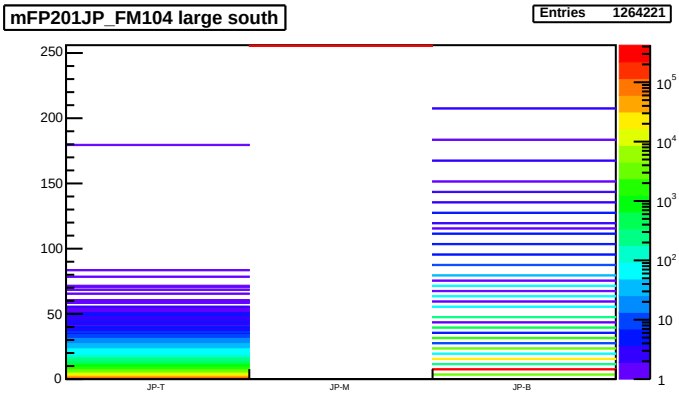

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

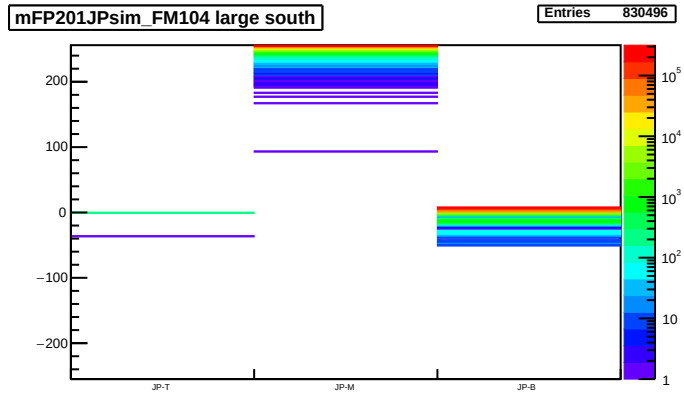

mFP201JP_FM102 small south
Entries 1264221
JP-T
JP-M
JP-B

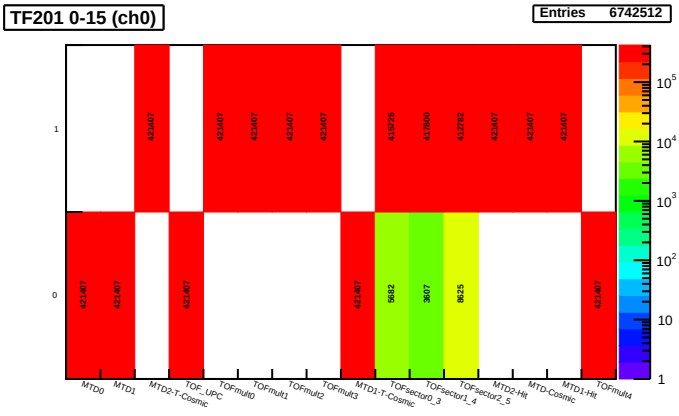

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

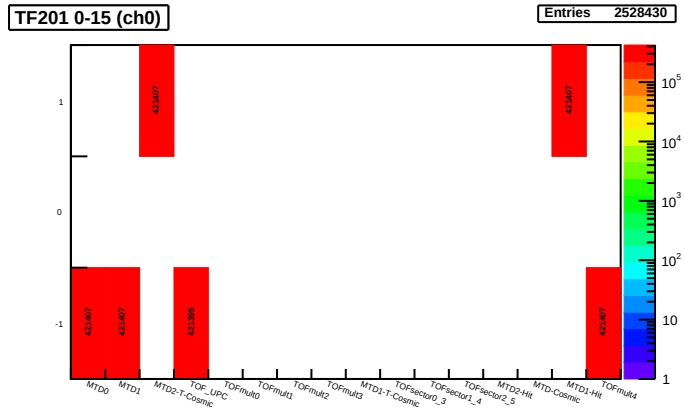

mFP201JP_FM103 large north
Entries 1264221
JP-T
JP-M
JP-B

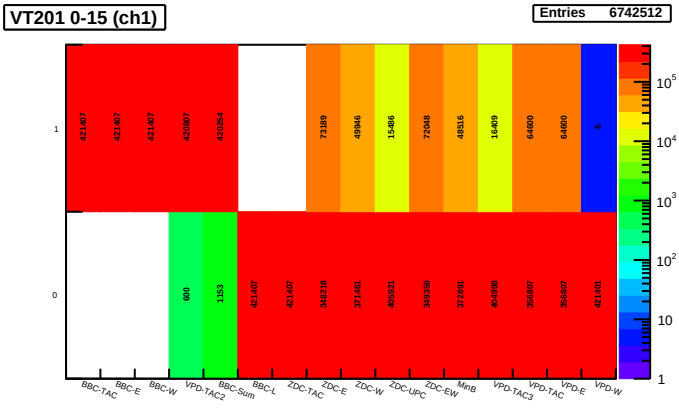

mFP201JPsim_FM103 large north
Entries 519335
JP-T
JP-M
JP-B

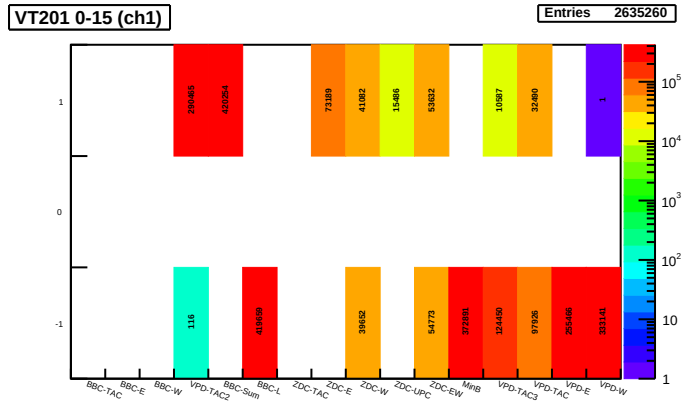

mFP201JP_FM104 large south
Entries 1264221
JP-T
JP-M
JP-B

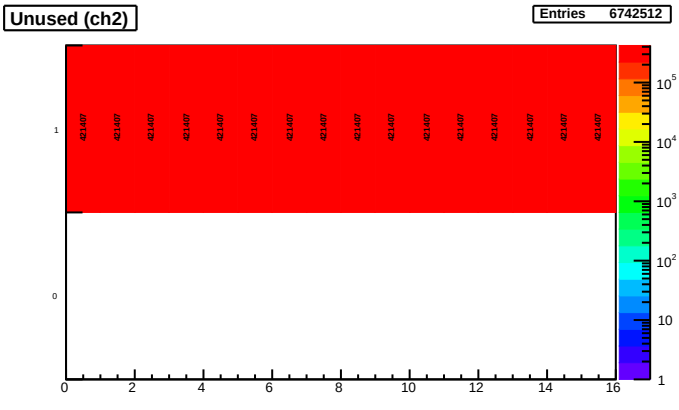

mFP201JPsim_FM104 large south
Entries 830496
JP-T
JP-M
JP-B

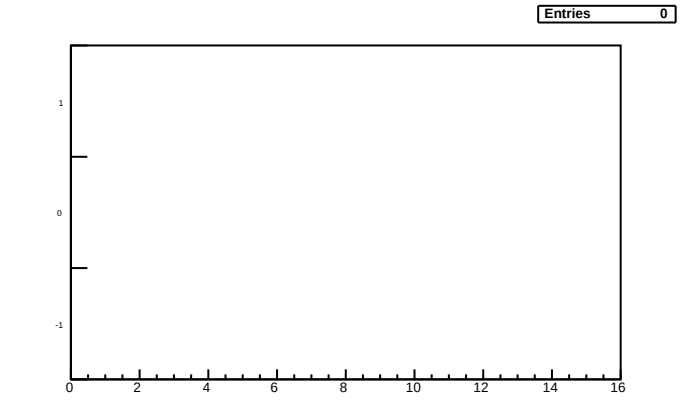

TF201 0-15 (ch0)
Entries 6742512
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

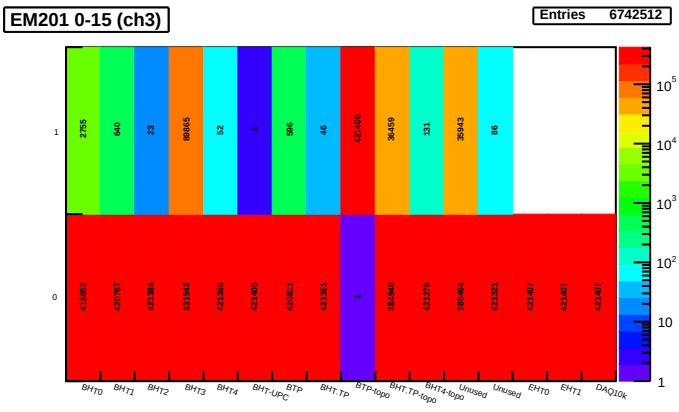

TF201 0-15 (ch0)
Entries 2528430
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

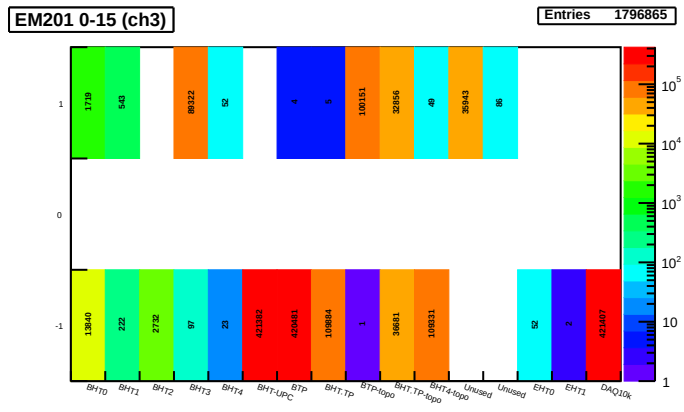

VT201 0-15 (ch1)
Entries 6742512
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

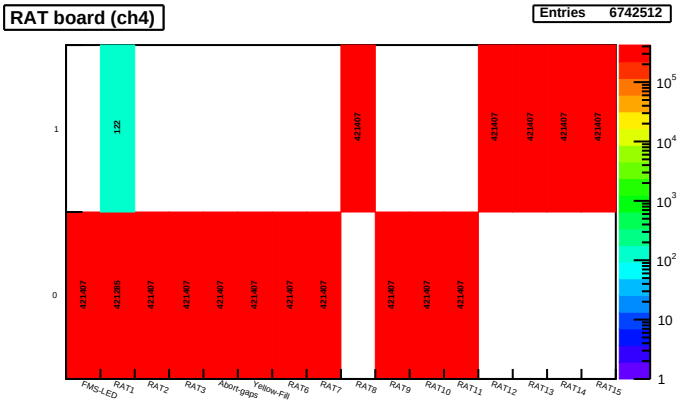

VT201 0-15 (ch1)
Entries 2635260
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

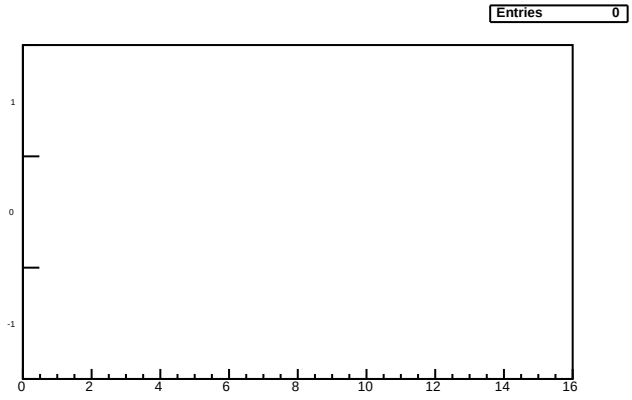

Unused (ch2)
Entries 6742512

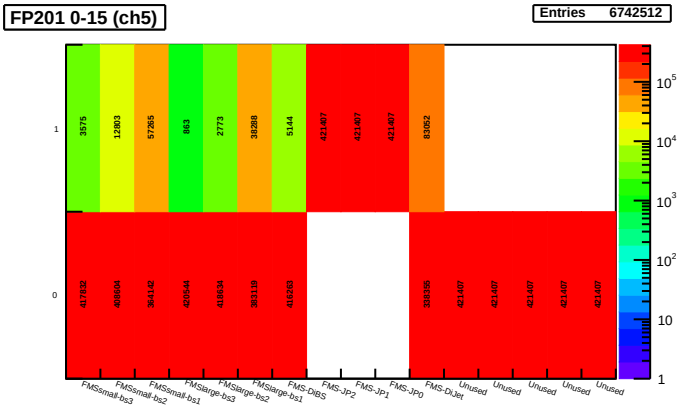

Entries 0

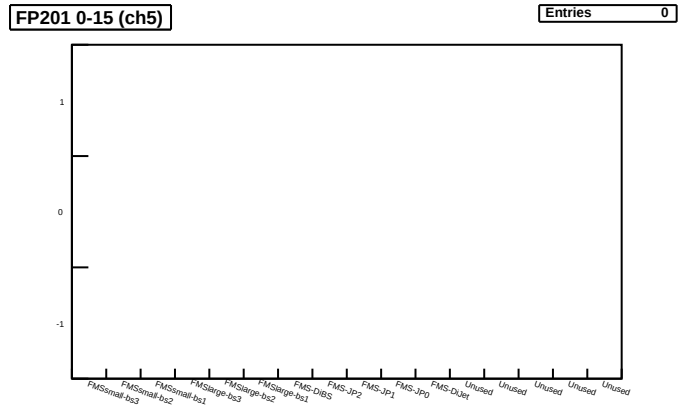

EM201 0-15 (ch3)
Entries 6742512
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

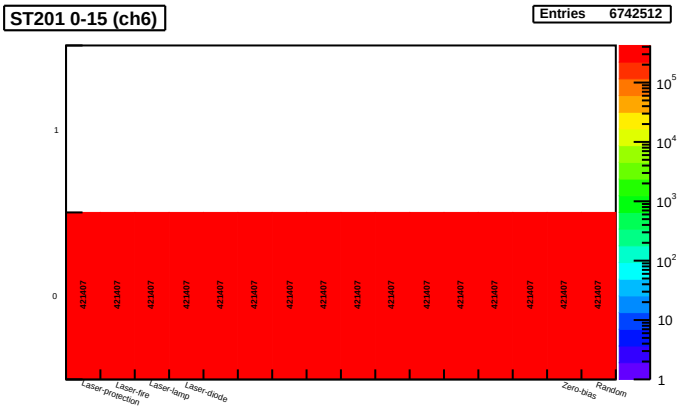

EM201 0-15 (ch3)
Entries 1796865
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

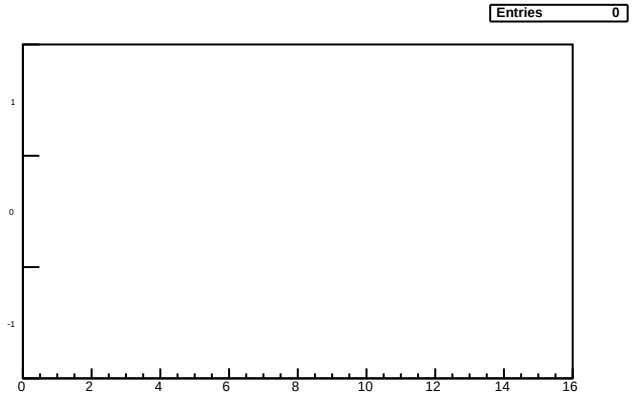

RAT board (ch4)
Entries 6742512
122
421407
421285
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

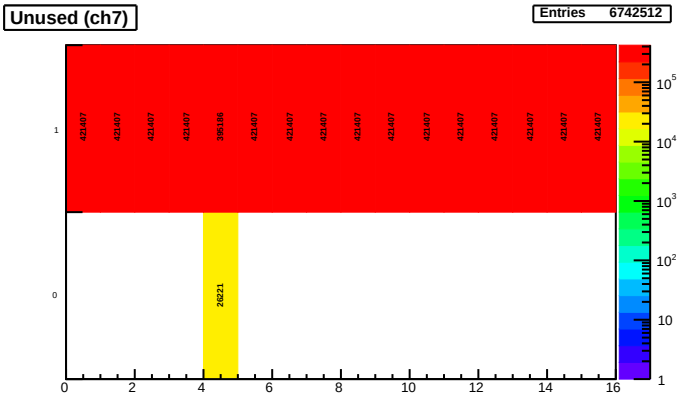

Entries 0

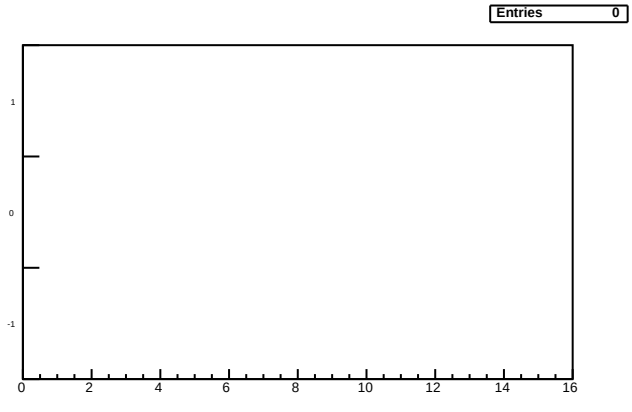

FP201 0-15 (ch5)
Entries 6742512
3575
12803
57265
863
2773
38288
5144
421407
83052
417632
408604
364142
420544
418634
383119
416283
338355
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 6742512
421407
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 6742512
421407
395186
26221


Entries 0