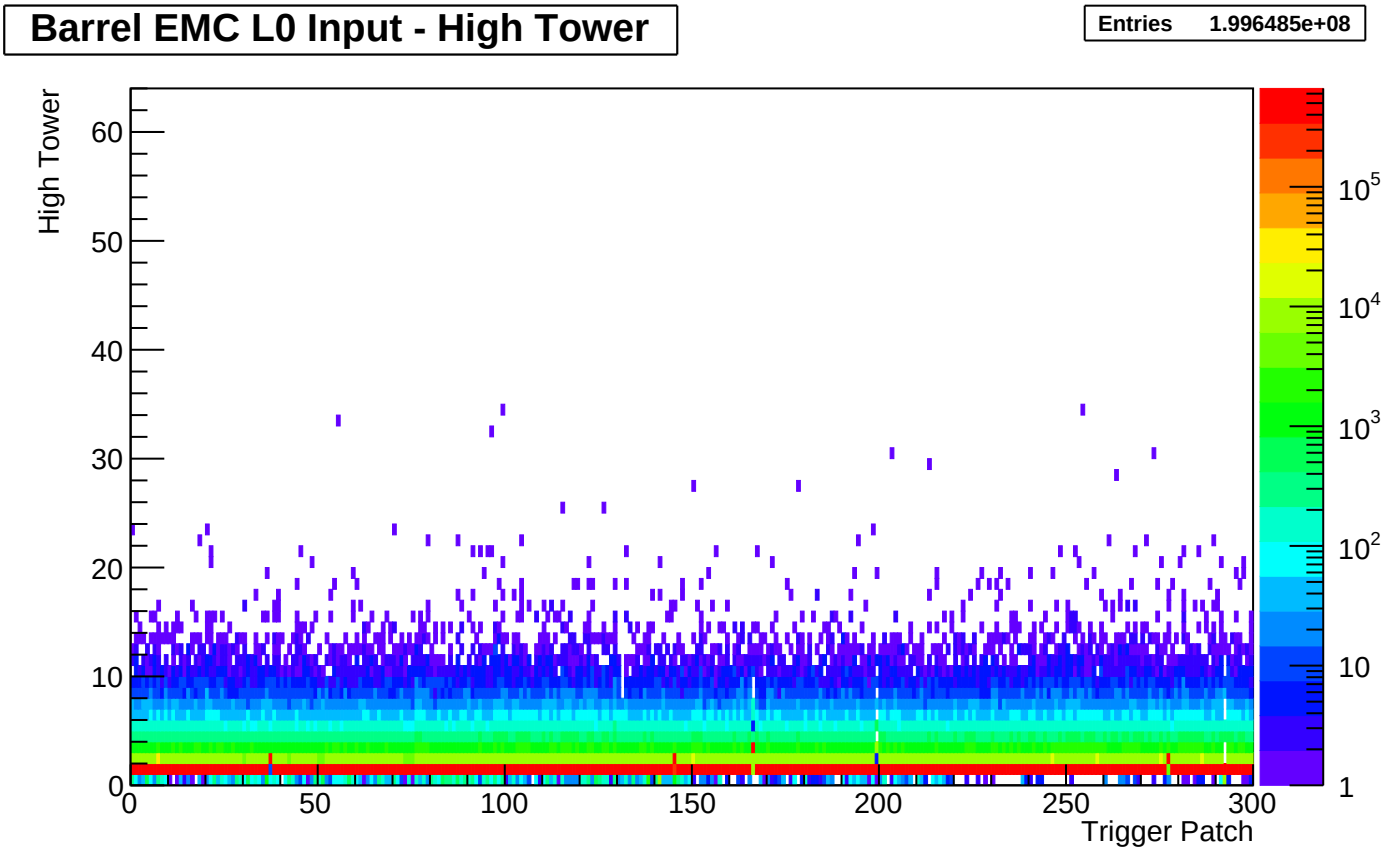
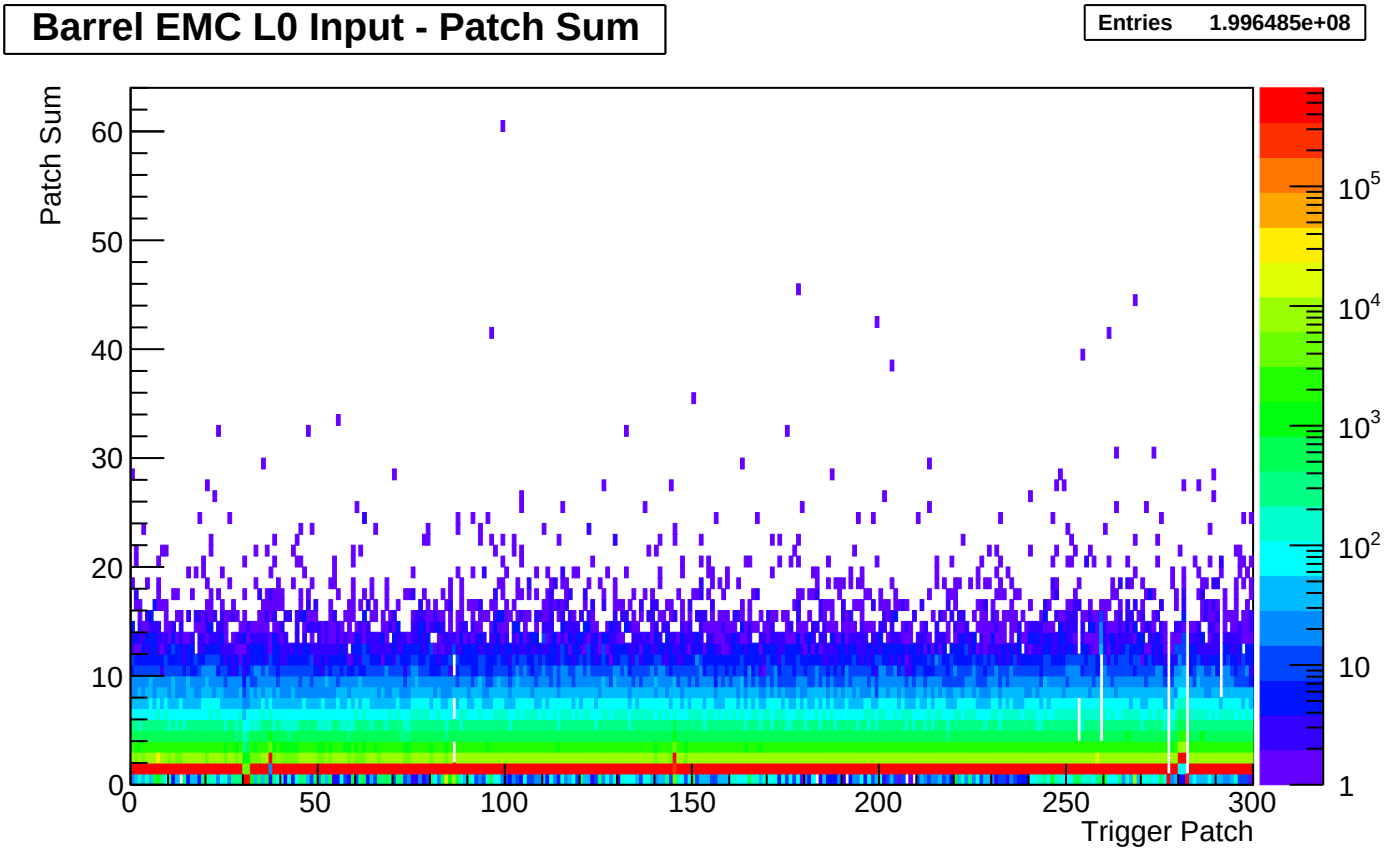
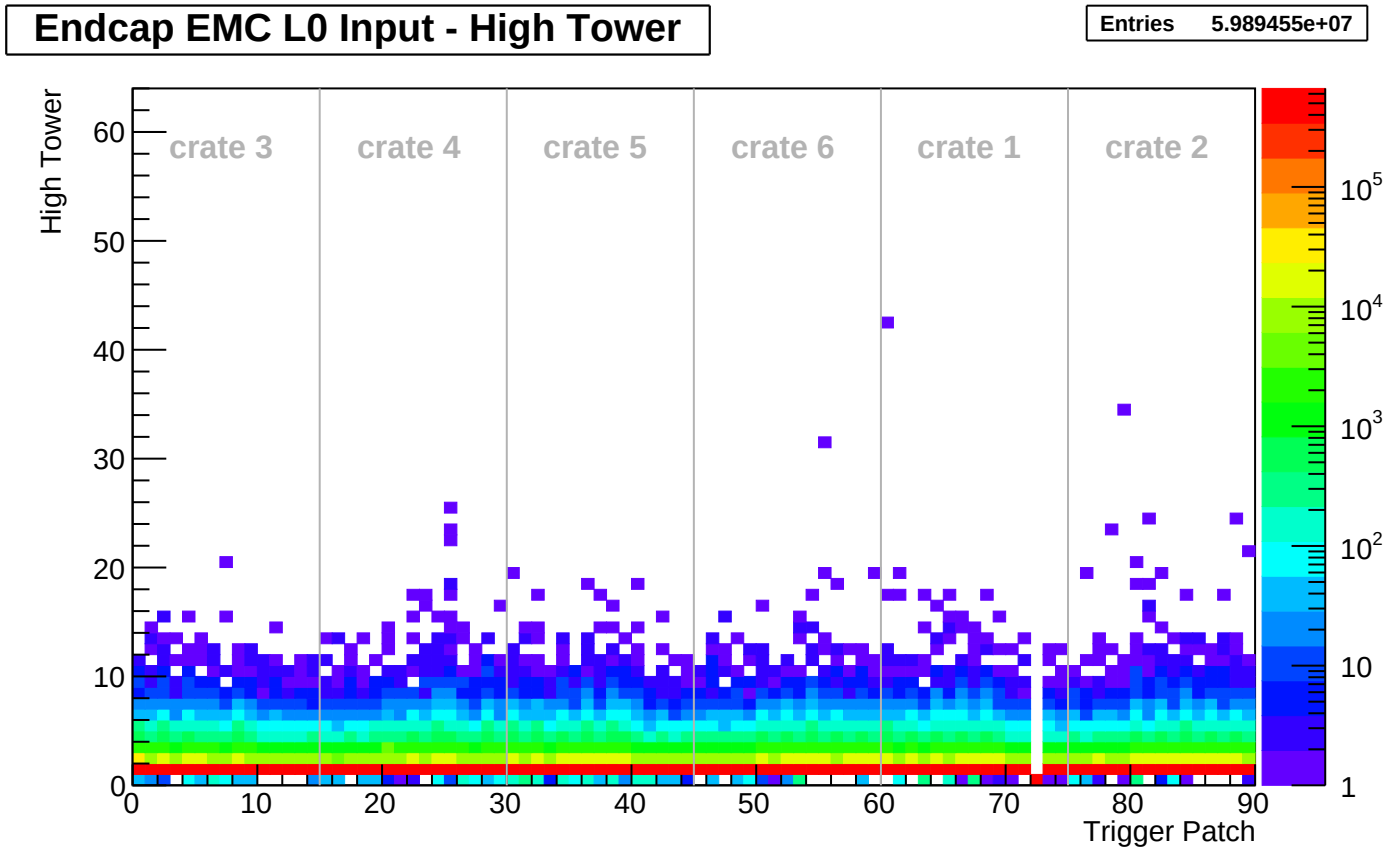
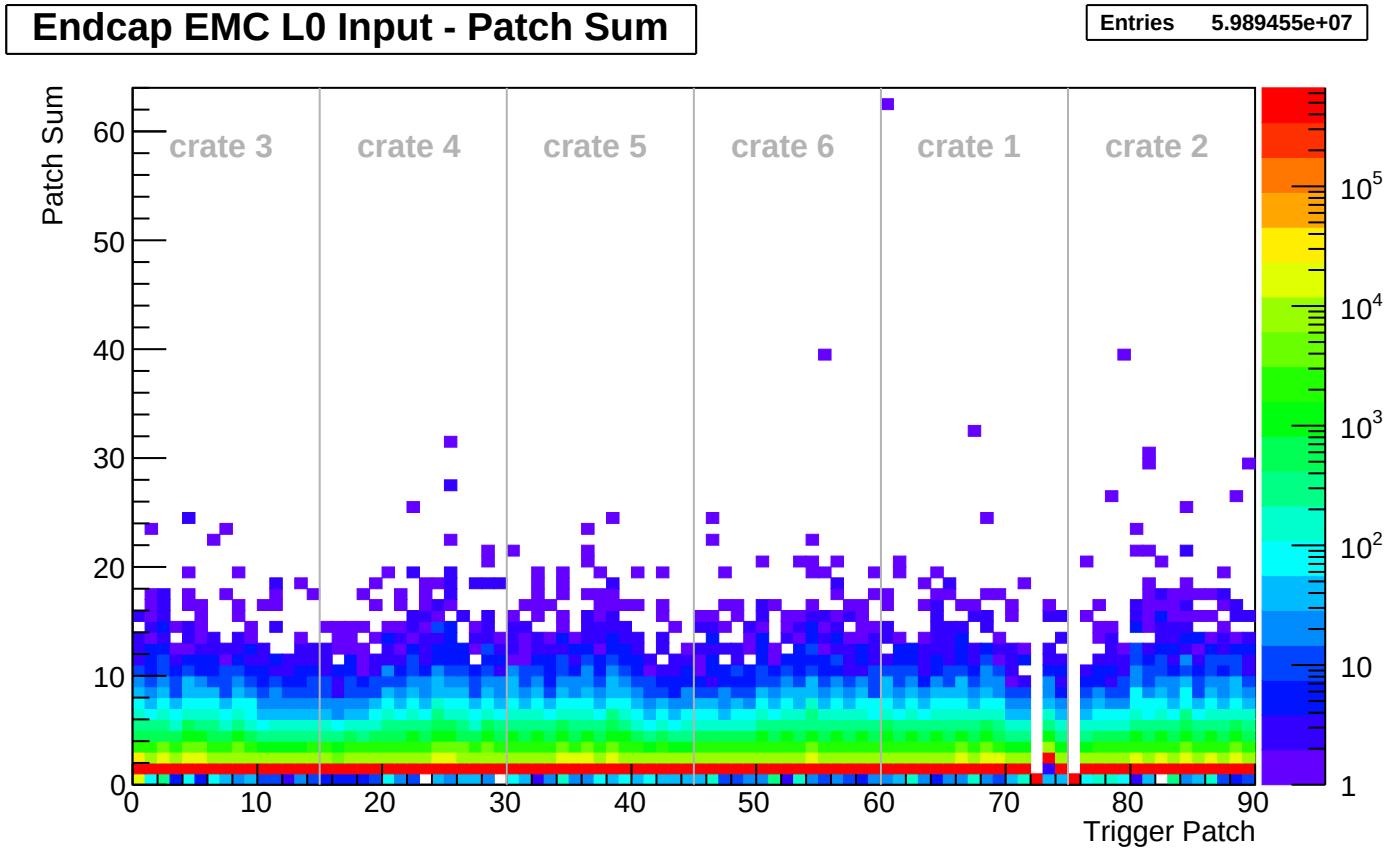
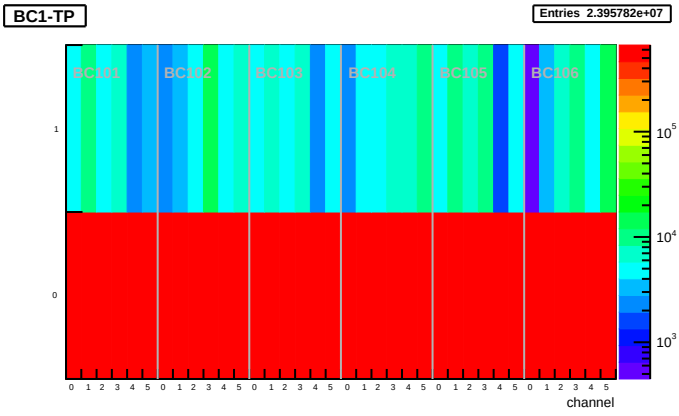
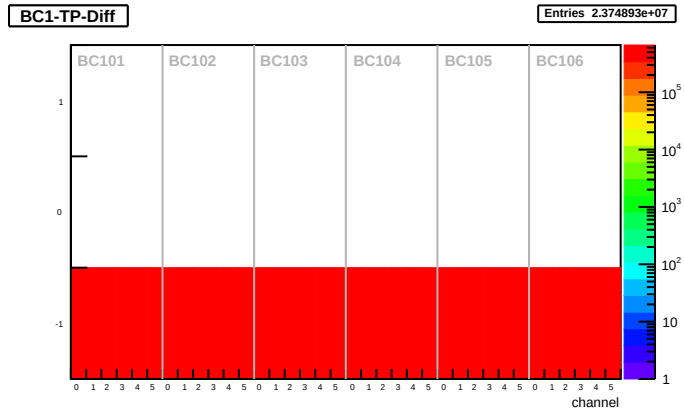

Barrel EMC L0 Input - High Tower
Entries 1.996485e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

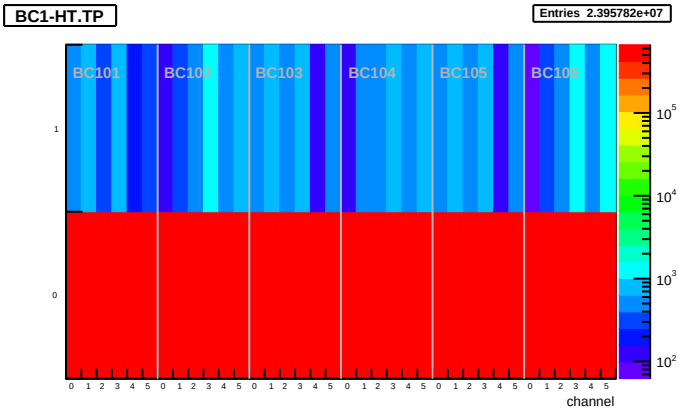

Barrel EMC L0 Input - Patch Sum
Entries 1.996485e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

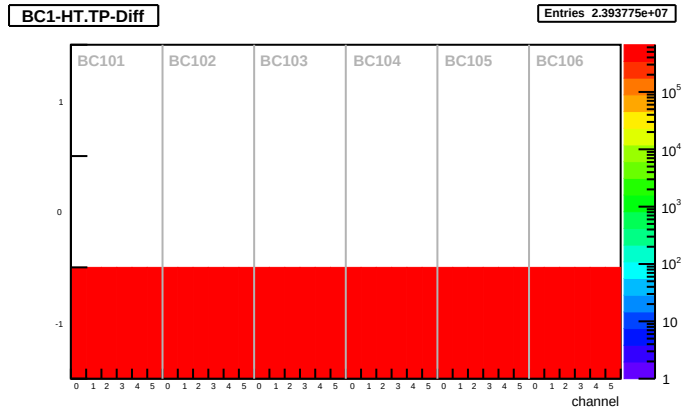

Endcap EMC L0 Input - High Tower
Entries 5.989455e+07
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

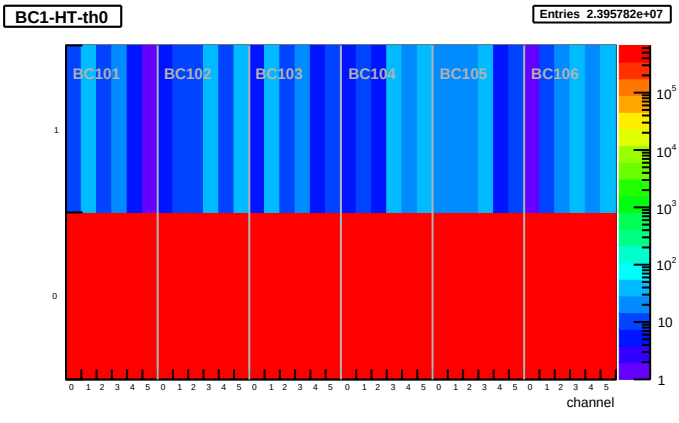

Endcap EMC L0 Input - Patch Sum
Entries 5.989455e+07
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

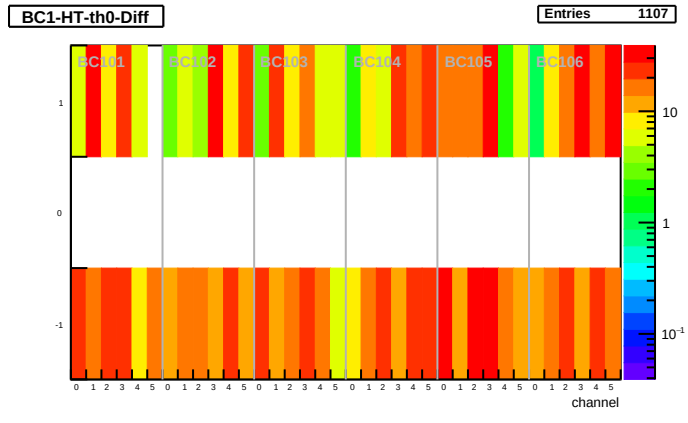

BC1-TP
Entries 2.395782e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

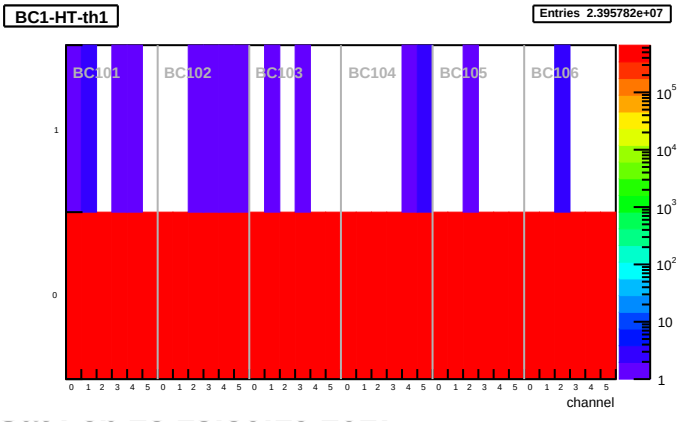

BC1-TP-Diff
Entries 2.374893e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

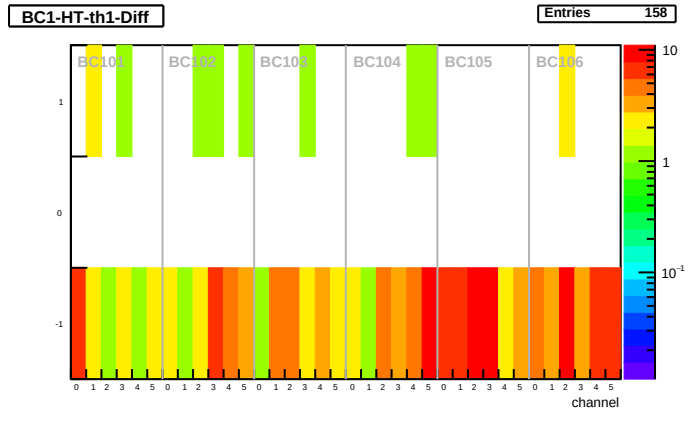

BC1-HT.TP
Entries 2.395782e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

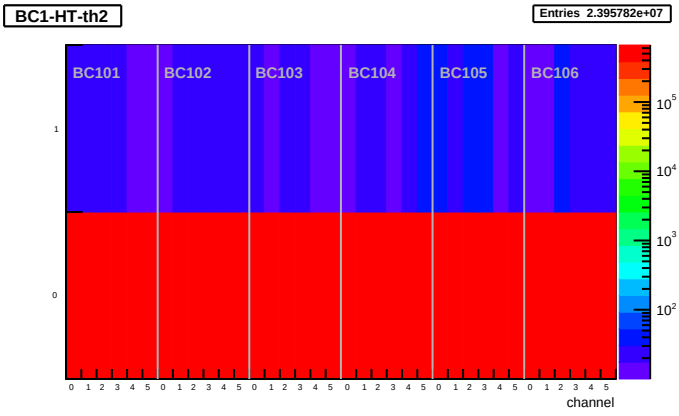

BC1-HT.TP-Diff
Entries 2.393775e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

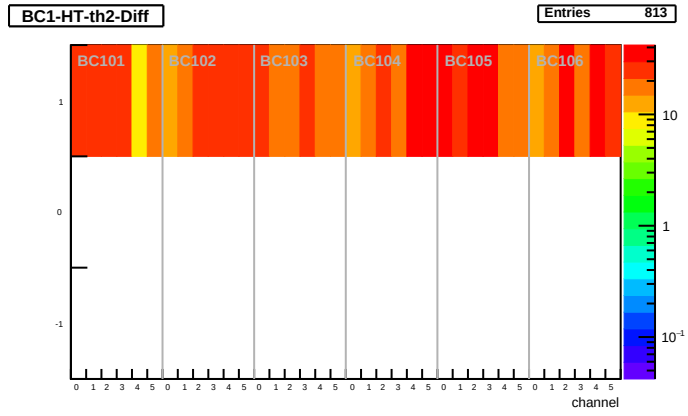

BC1-HT-th0
Entries 2.395782e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

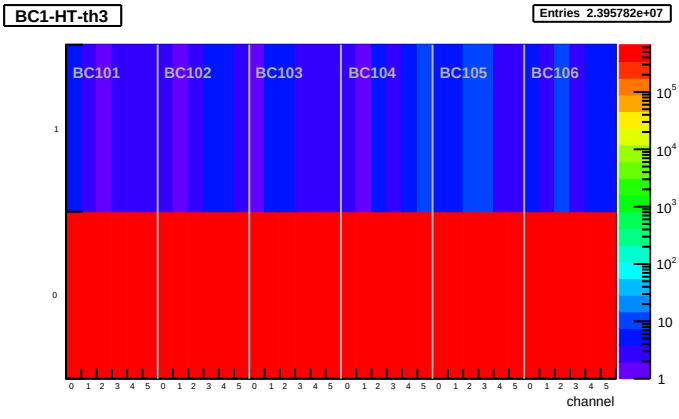

BC1-HT-th0-Diff
Entries 1107
BC101
BC102
BC103
BC104
BC105
BC106
channel

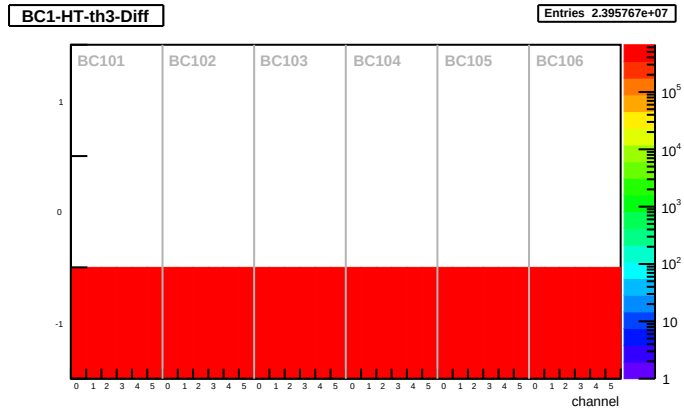

BC1-HT-th1
Entries 2.395782e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

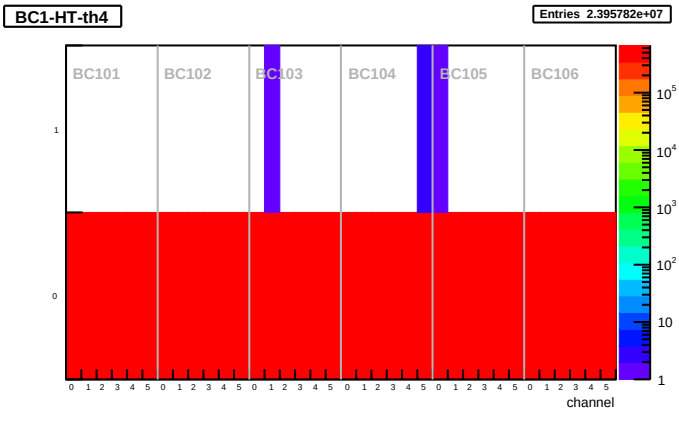

BC1-HT-th1-Diff
Entries 158
BC101
BC102
BC103
BC104
BC105
BC106
channel

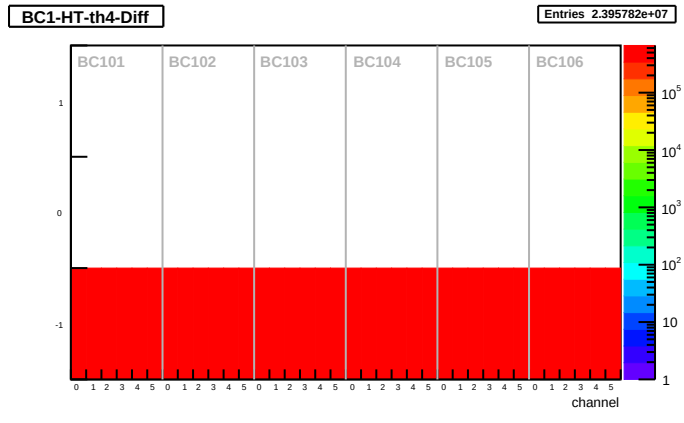

BC1-HT-th2
Entries 2.395782e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

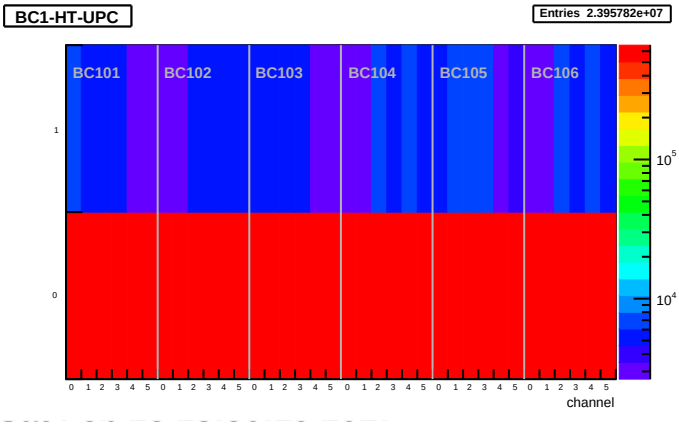

BC1-HT-th2-Diff
Entries 813
BC101
BC102
BC103
BC104
BC105
BC106
channel

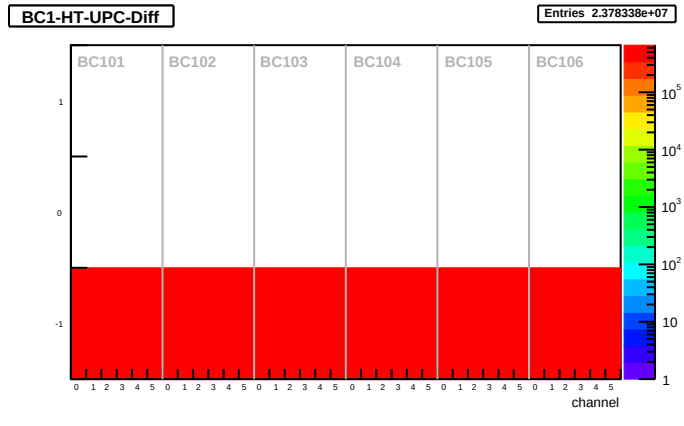

BC1-HT-th3
Entries 2.395782e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

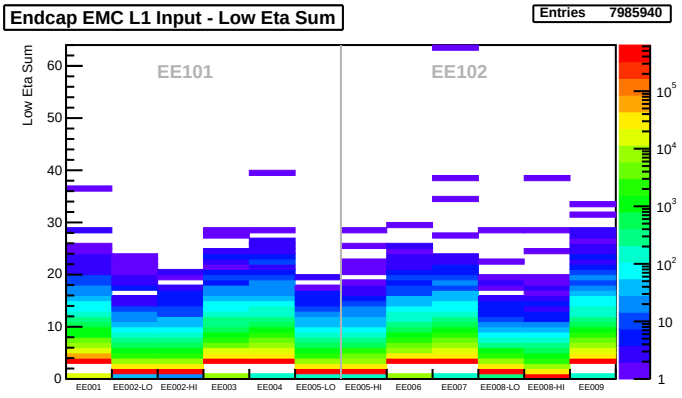

BC1-HT-th3-Diff
Entries 2.395767e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

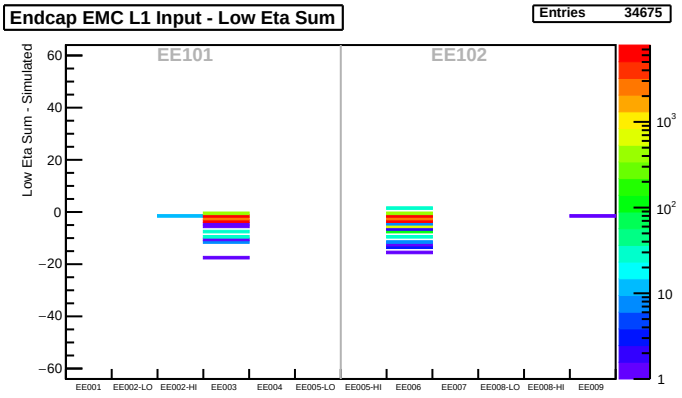

BC1-HT-th4
Entries 2.395782e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

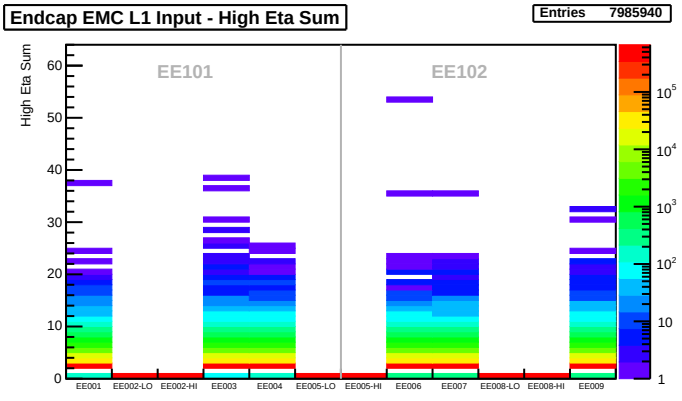

BC1-HT-th4-Diff
Entries 2.395782e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

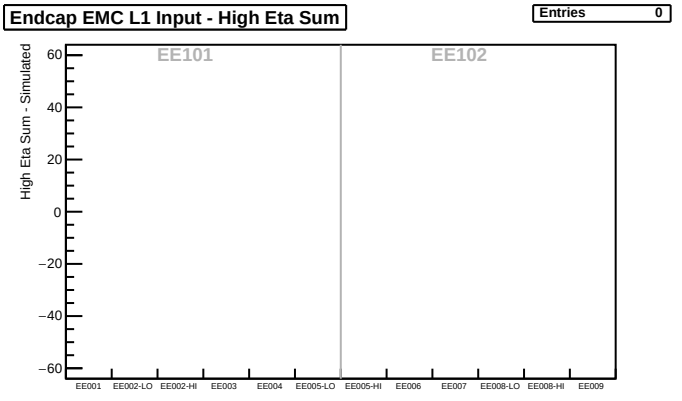

BC1-HT-UPC
Entries 2.395782e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

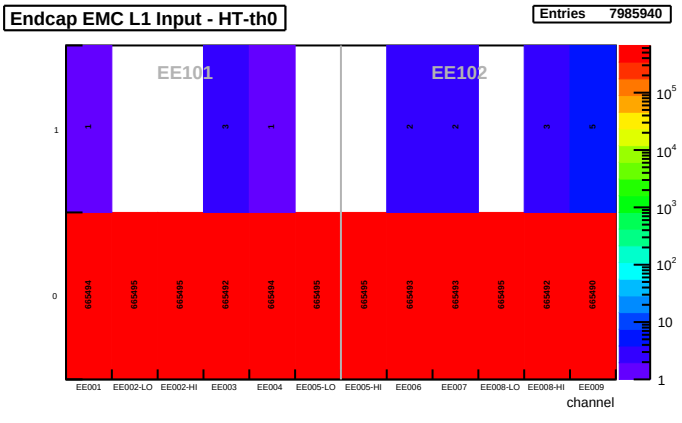

BC1-HT-UPC-Diff
Entries 2.378338e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

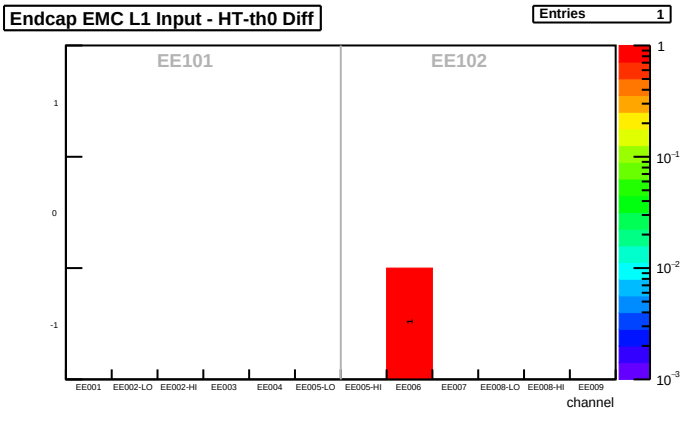

Endcap EMC L1 Input - Low Eta Sum
Entries 7985940
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

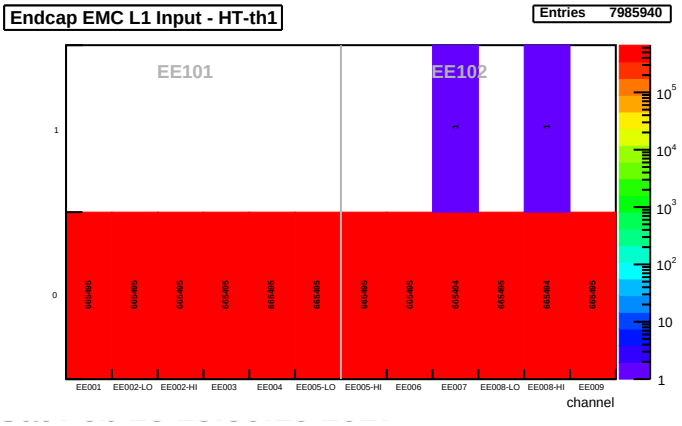

Endcap EMC L1 Input - Low Eta Sum
Entries 34675
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

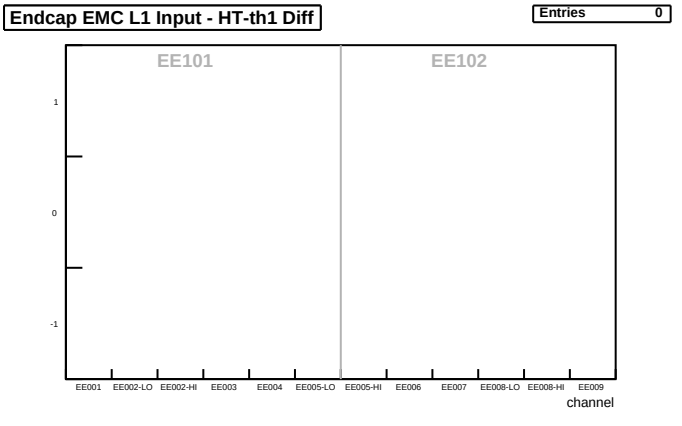

Endcap EMC L1 Input - High Eta Sum
Entries 7985940
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

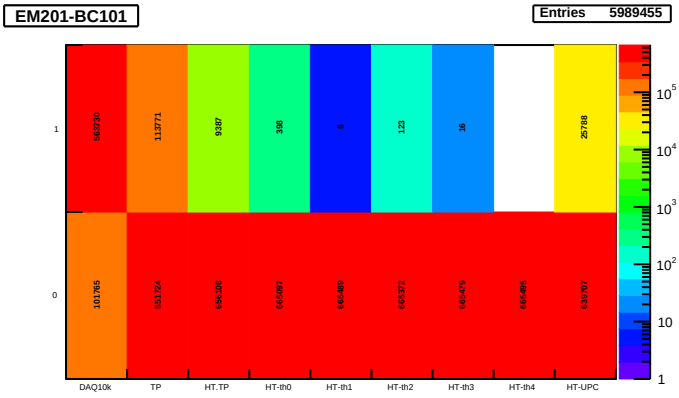

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

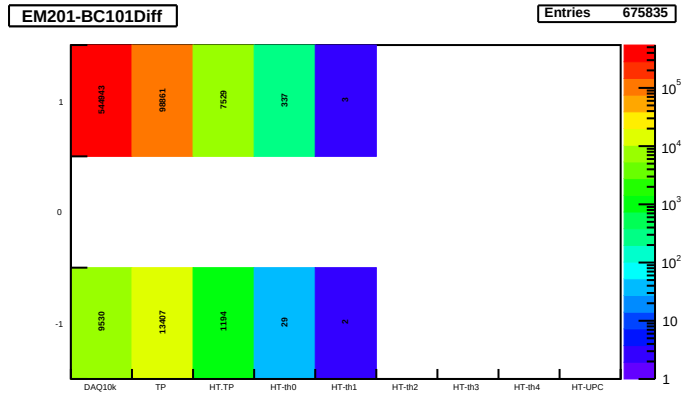

Endcap EMC L1 Input - HT-th0
Entries 7985940
EE101
EE102
channel

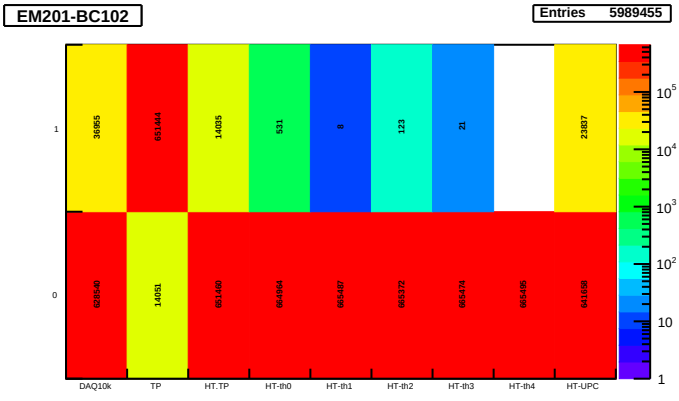

Endcap EMC L1 Input - HT-th0 Diff
Entries 1
EE101
EE102
channel

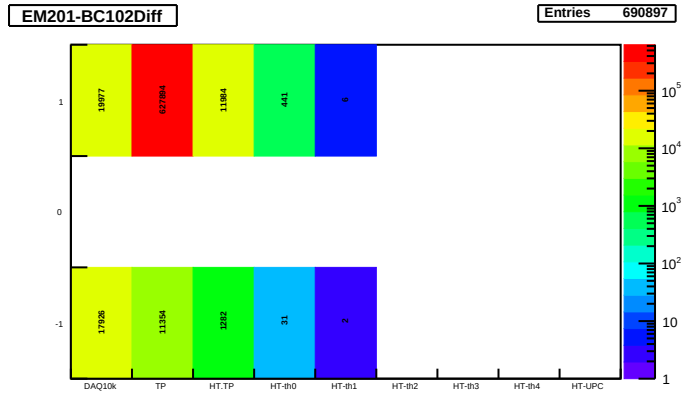

Endcap EMC L1 Input - HT-th1
Entries 7985940
EE101
EE102
channel

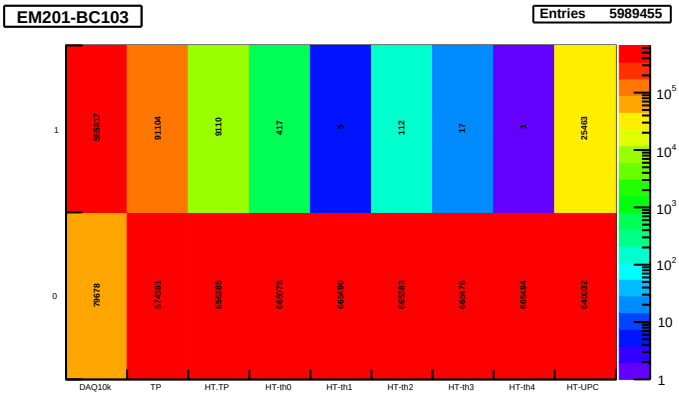

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
channel

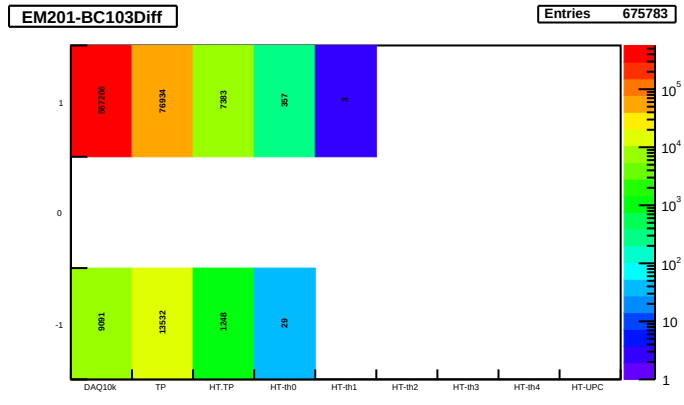

EM201-BC101
Entries 5989455
1
0
543730
113771
9367
398
6
123
16
25788
101765
551724
656108
665697
665489
665372
665479
665485
639707
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

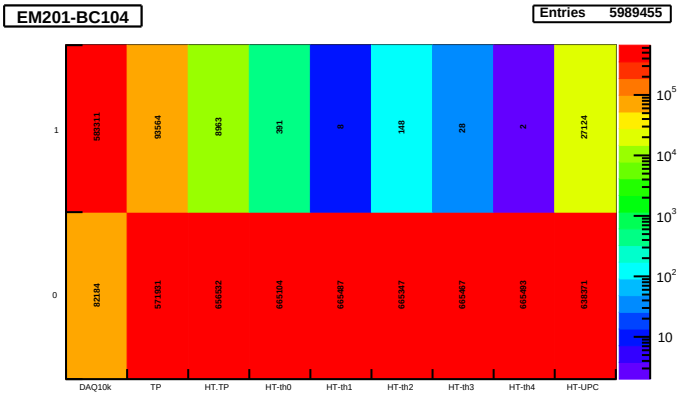

EM201-BC101Diff
Entries 675835
1
0
-1
544943
98861
7529
337
3
9530
13407
1194
29
2
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

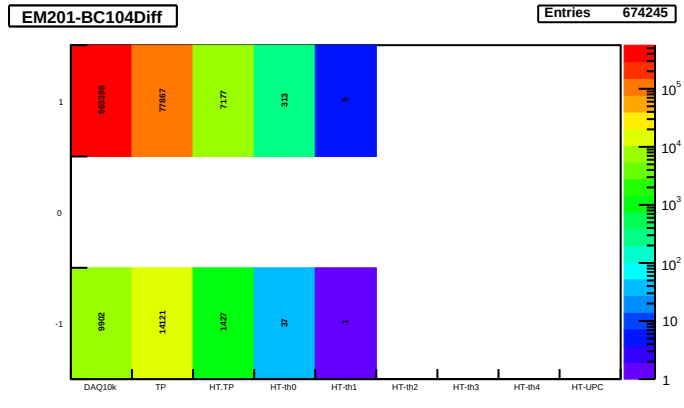

EM201-BC102
Entries 5989455
1
0
36955
651444
14035
511
8
123
21
23837
628540
14051
651460
664964
665487
665372
665474
665485
641688
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC102Diff
Entries 690897
1
0
-1
19977
627884
11904
441
6
17926
11394
1282
31
2
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

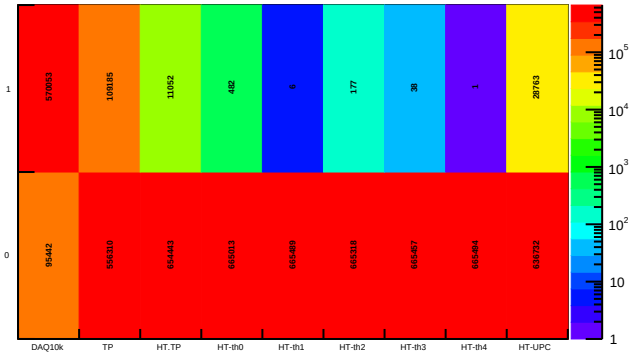

EM201-BC103
Entries 5989455
1
0
585317
91104
9110
417
5
112
17
1
25463
79678
574391
656385
665076
665490
665383
665478
665494
640032
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC103Diff
Entries 675783
1
0
-1
567206
76934
7383
357
3
9091
13532
1348
29
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

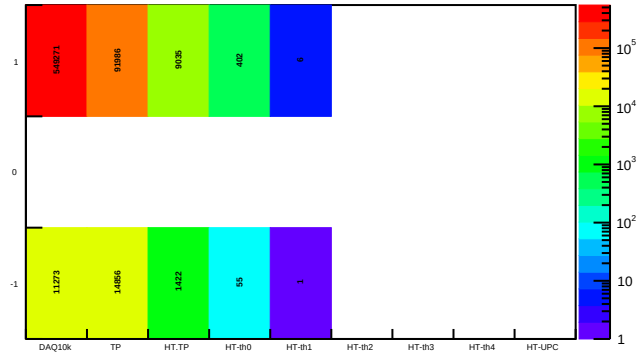

EM201-BC104
Entries 5989455
1
0
583311
93564
8963
391
8
148
28
2
27124
82184
571931
656322
665394
665487
665347
665487
665493
628371
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10


EM201-BC104Diff
Entries 674245
1
0
-1
563395
77867
7177
313
5
9902
14121
1427
37
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

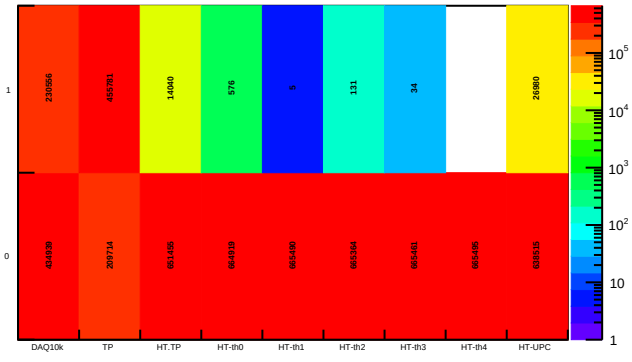
EM201-BC105 Entries 5989455



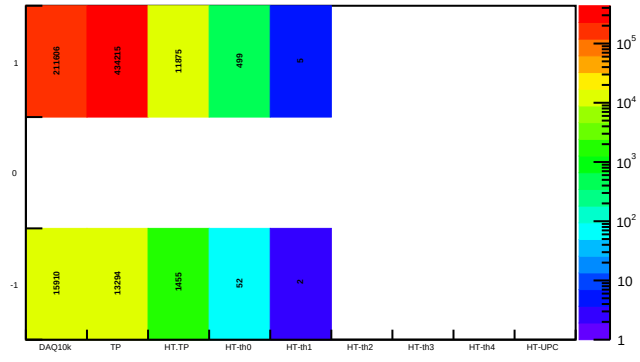
EM201-BC105Diff Entries 678307



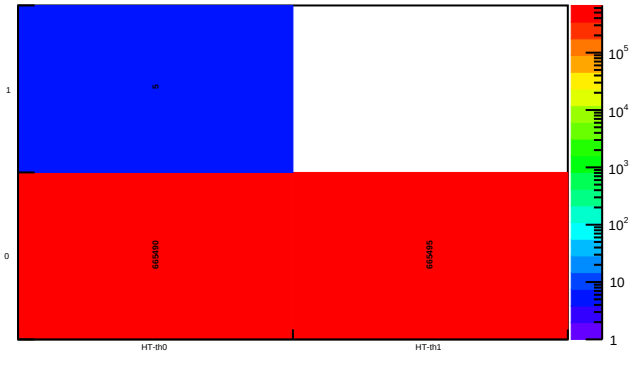
EM201-BC106 Entries 5989455



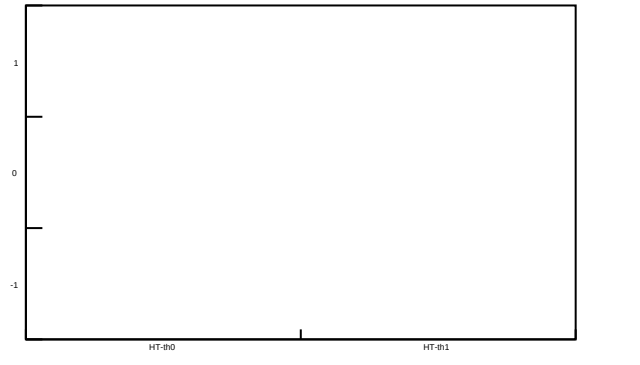
EM201-BC106Diff Entries 688913



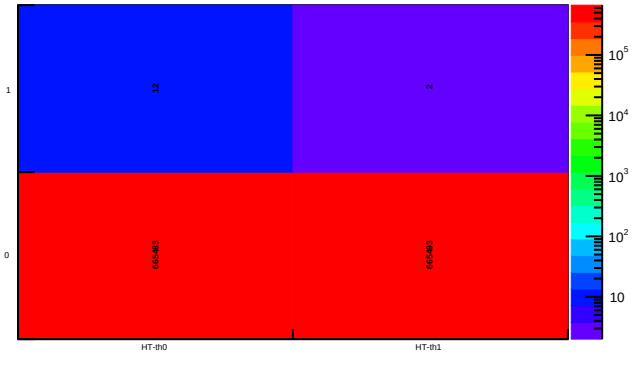
EM201-EE101 Entries 1330990



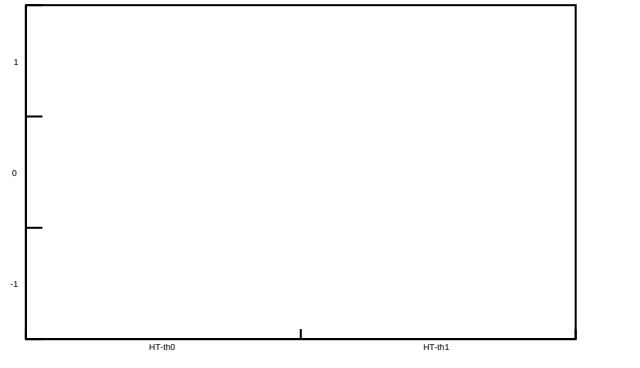
EM201-EE101Diff Entries 0

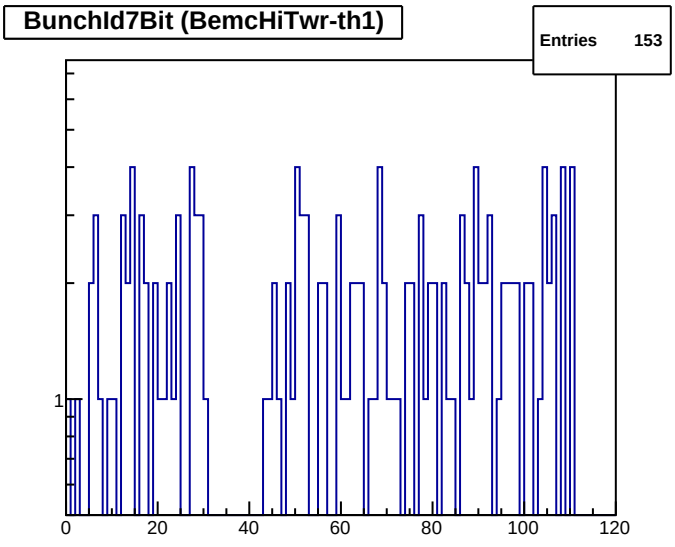


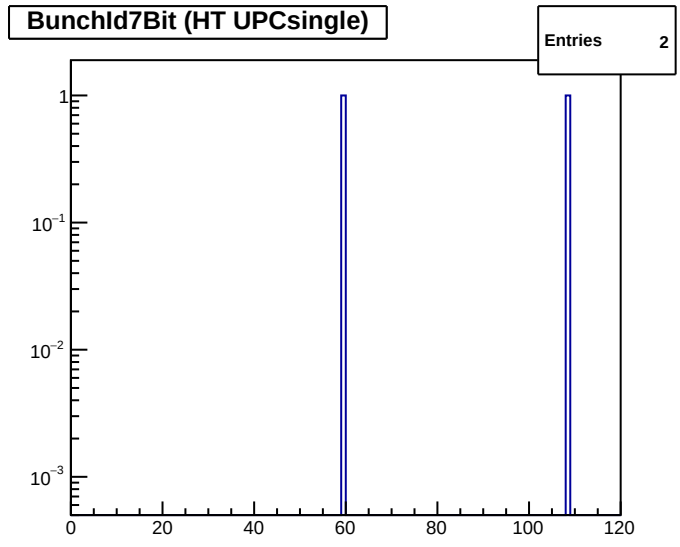
EM201-EE102 Entries 1330990

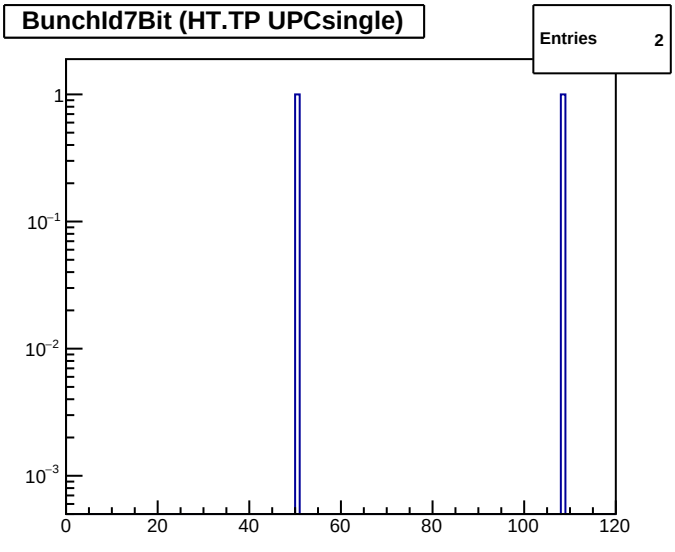


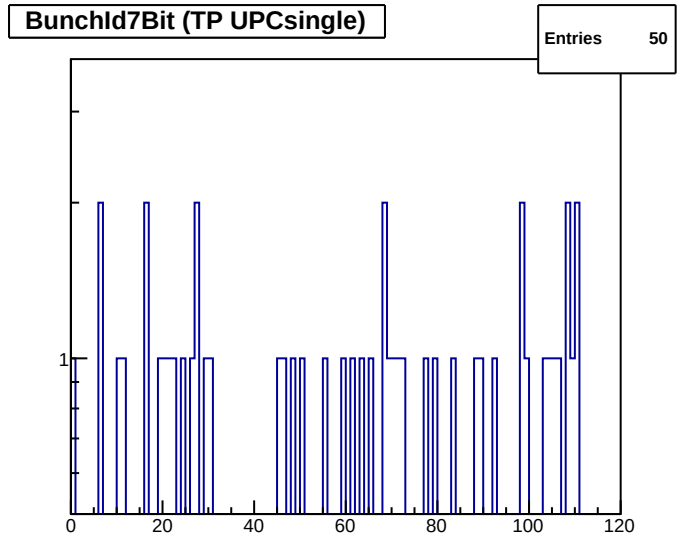
EM201-EE102Diff Entries 0

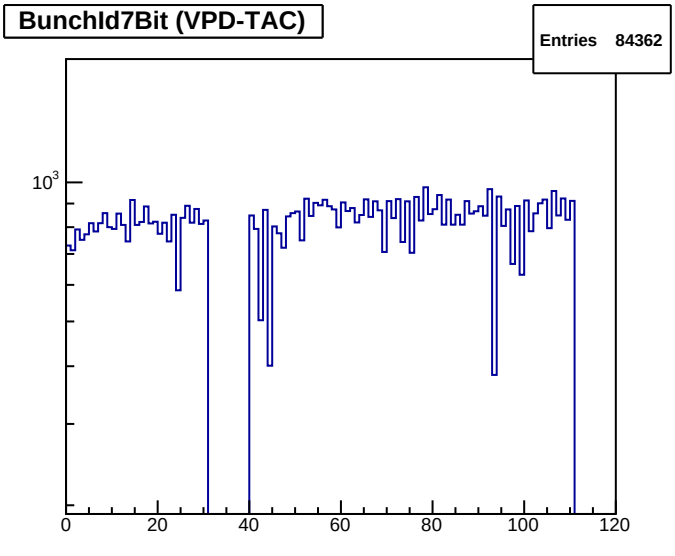


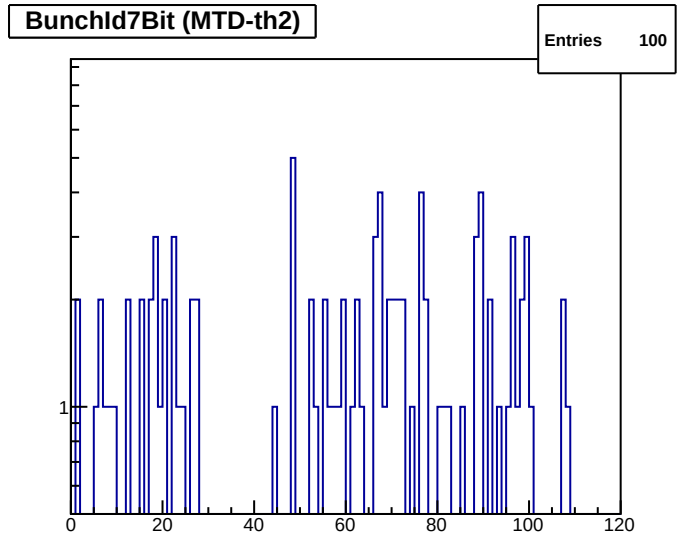

BunchId7Bit (BemcHiTwr-th1)
Entries 153
1
0 20 40 60 80 100 120

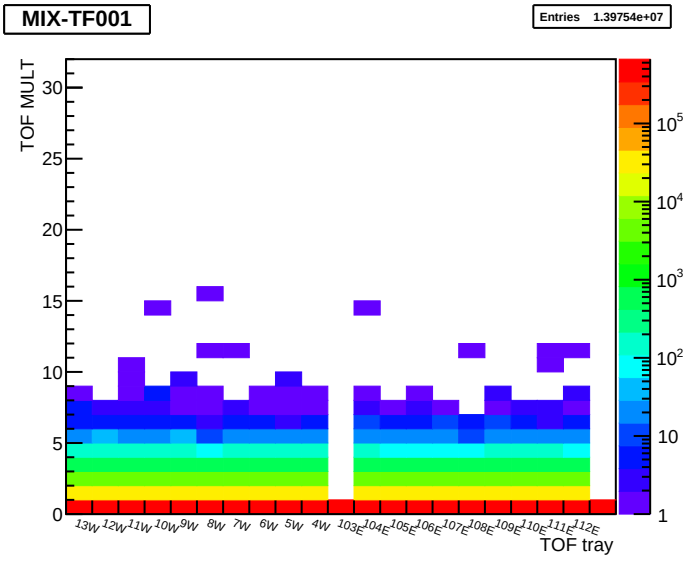

BunchId7Bit (HT UPCsingle)
Entries 2
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

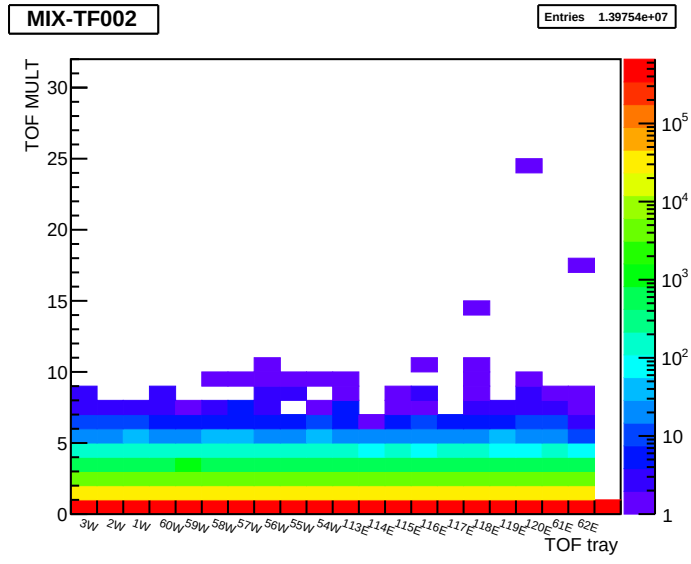

BunchId7Bit (HT.TP UPCsingle)
Entries 2
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

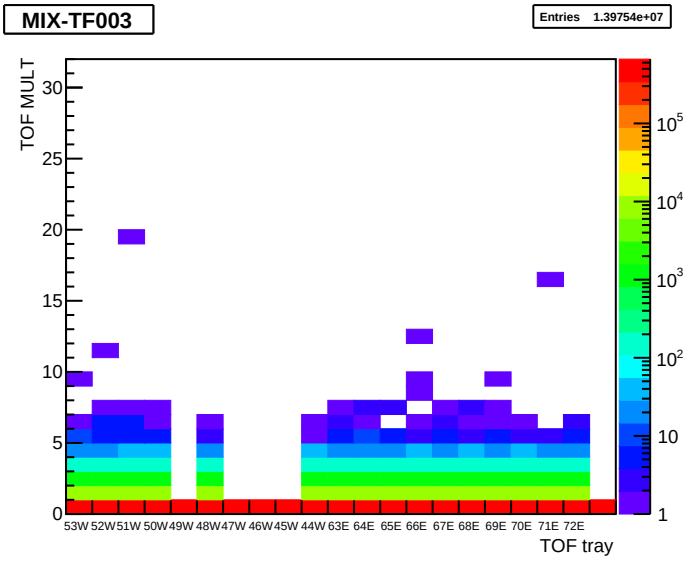

BunchId7Bit (TP UPCsingle)
Entries 50
1
0 20 40 60 80 100 120

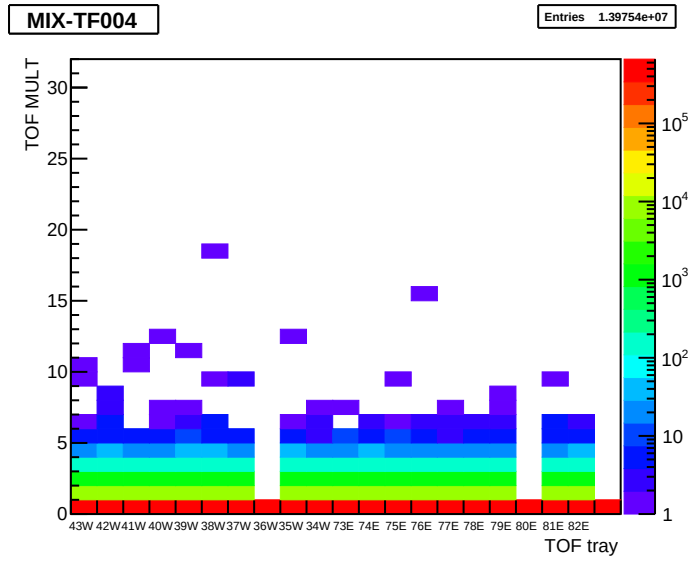

BunchId7Bit (VPD-TAC)
Entries 84362
10^{3}
0 20 40 60 80 100 120

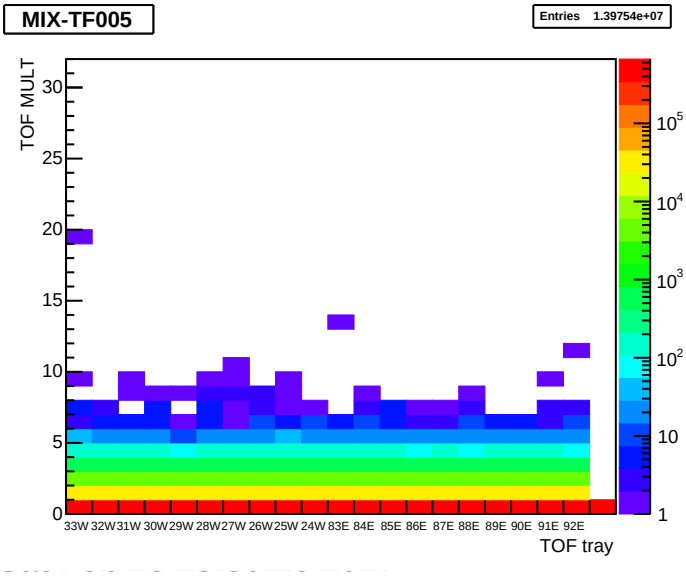

BunchId7Bit (MTD-th2)
Entries 100
1
0 20 40 60 80 100 120

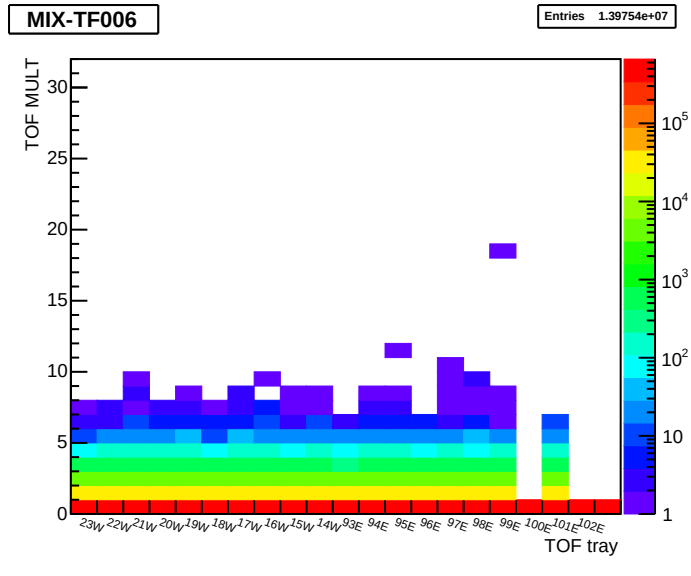

MIX-TF001
Entries 1.39754e+07
TOF MULT
TOF tray

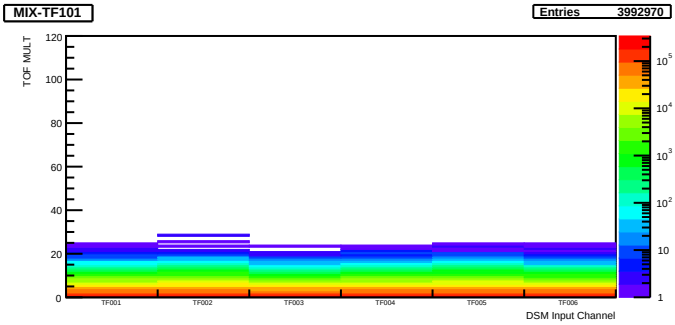

MIX-TF002
Entries 1.39754e+07
TOF MULT
TOF tray

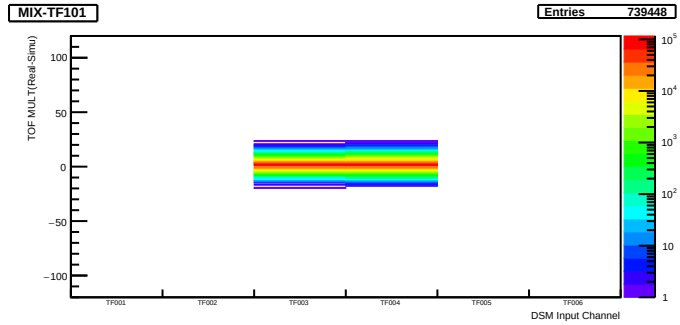

MIX-TF003
Entries 1.39754e+07
TOF MULT
TOF tray

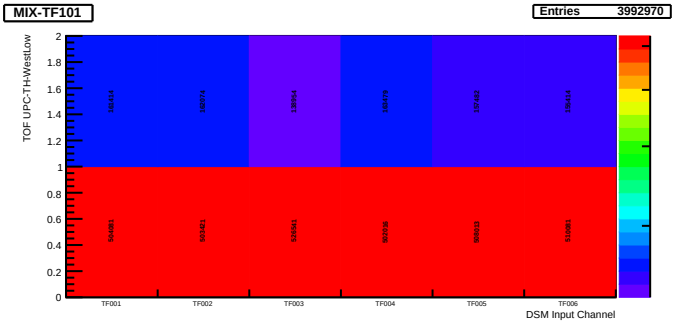

MIX-TF004
Entries 1.39754e+07
TOF MULT
TOF tray

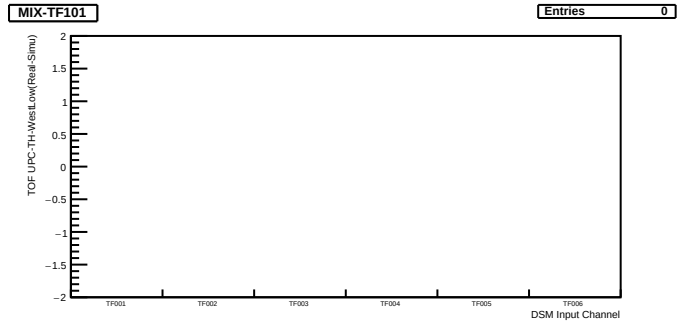

MIX-TF005
Entries 1.39754e+07
TOF MULT
TOF tray

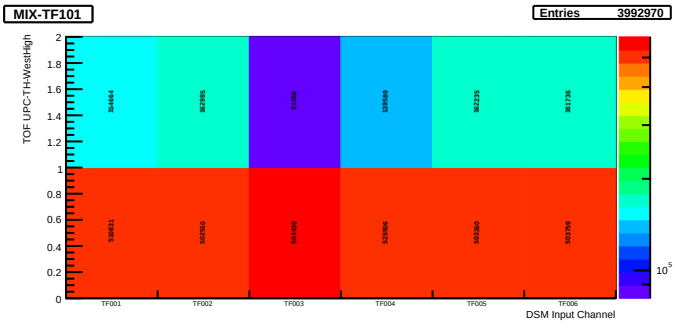

MIX-TF006
Entries 1.39754e+07
TOF MULT
TOF tray

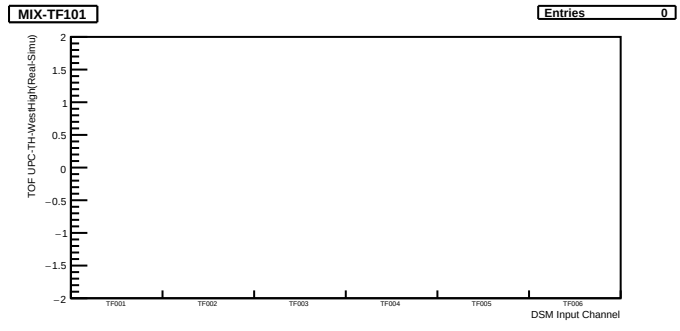

MIX-TF101
Entries 3992970
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

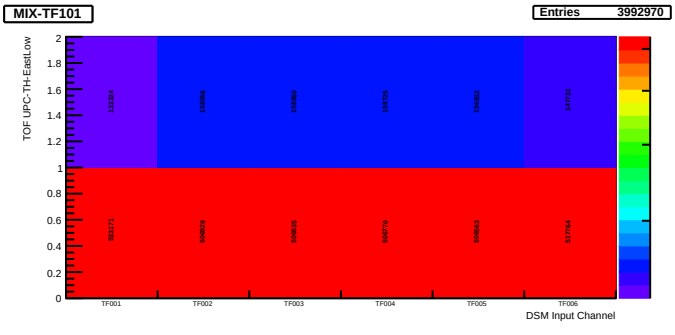

MIX-TF101
Entries 739448
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

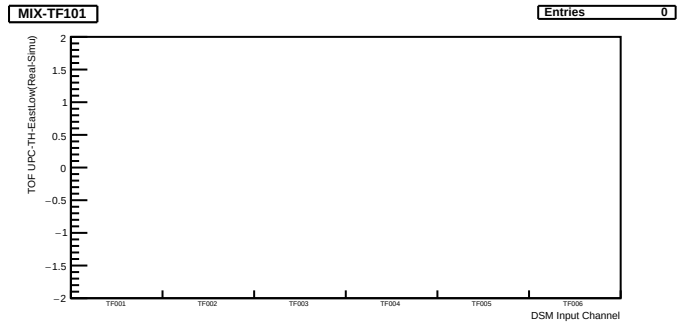

MIX-TF101
Entries 3992970
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

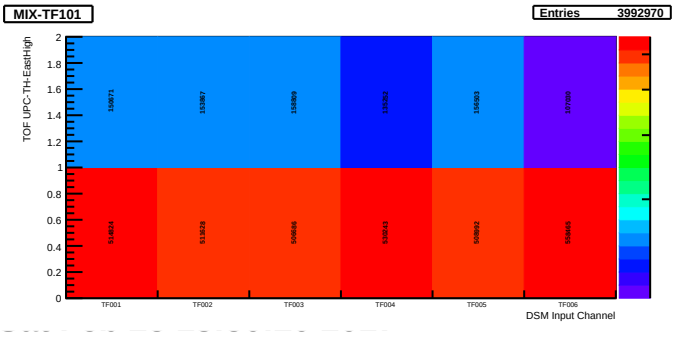

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

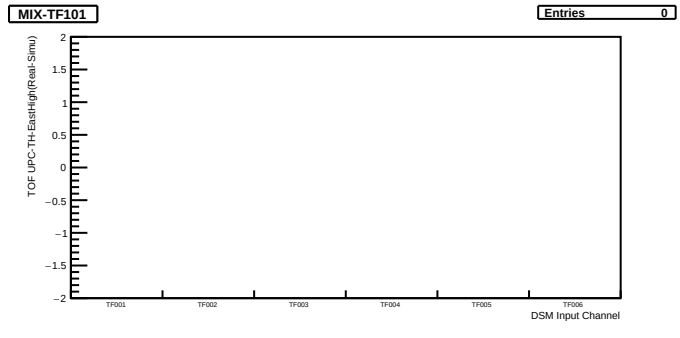

MIX-TF101
Entries 3992970
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

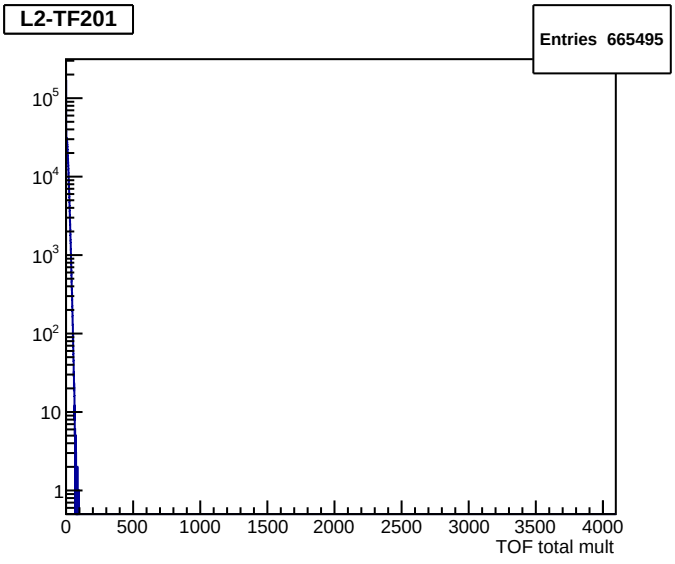

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

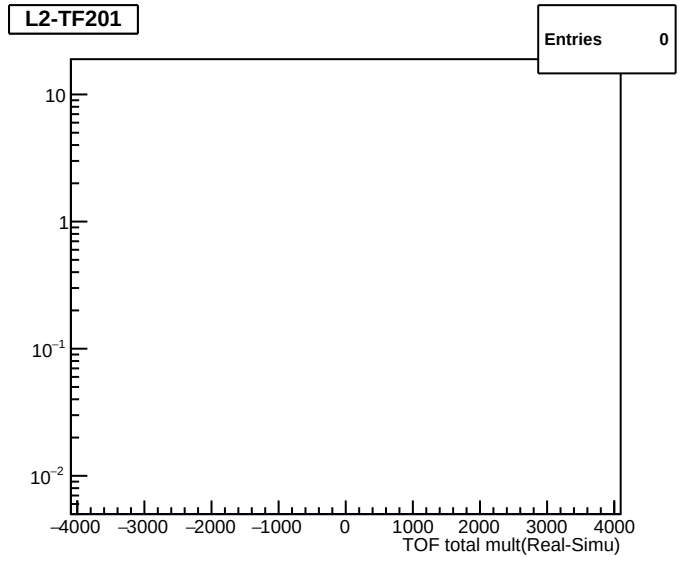

MIX-TF101
Entries 3992970
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

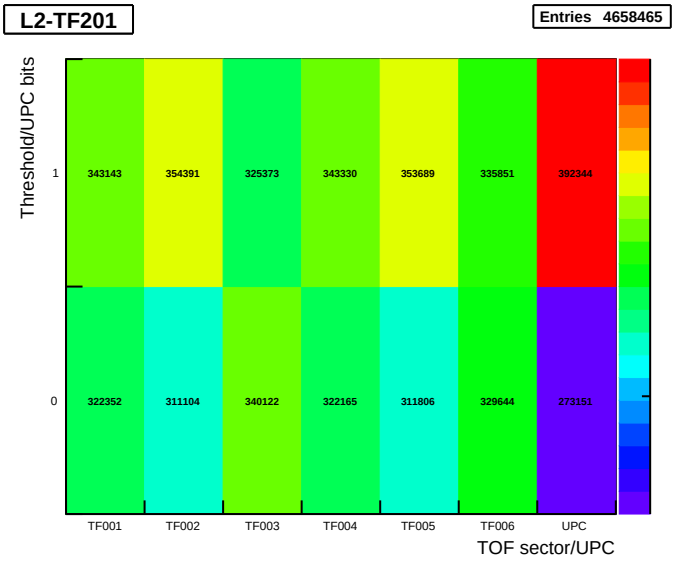

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

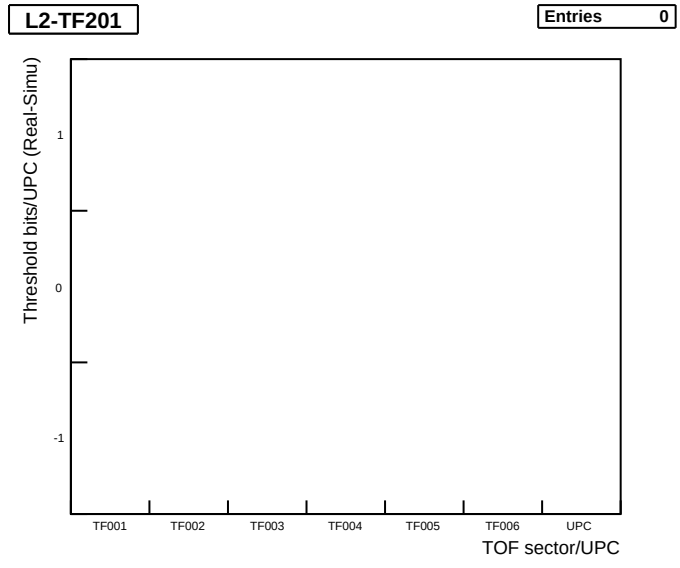

MIX-TF101
Entries 3992970
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

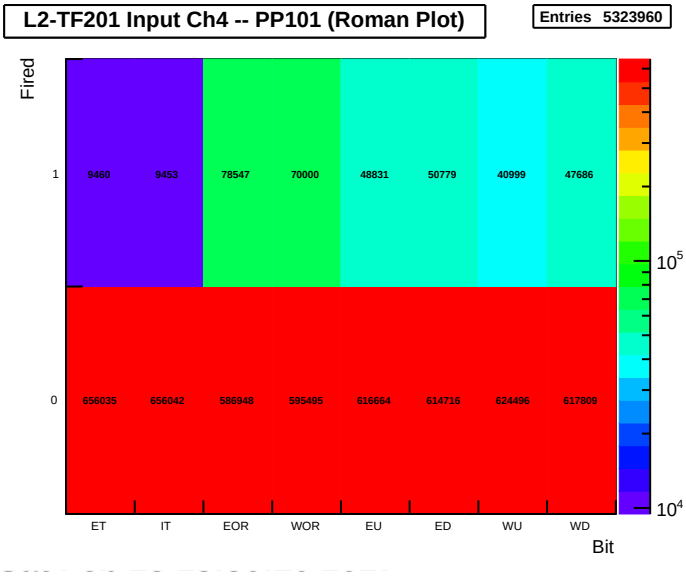

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

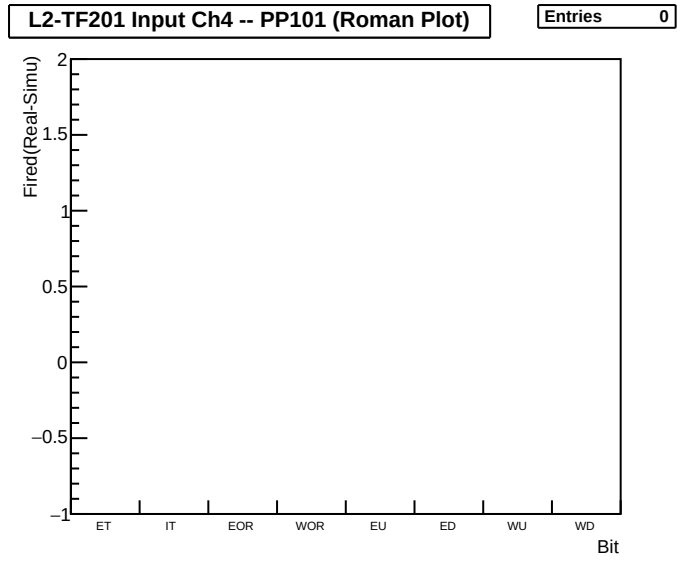

L2-TF201
Entries 665495
TOF total mult

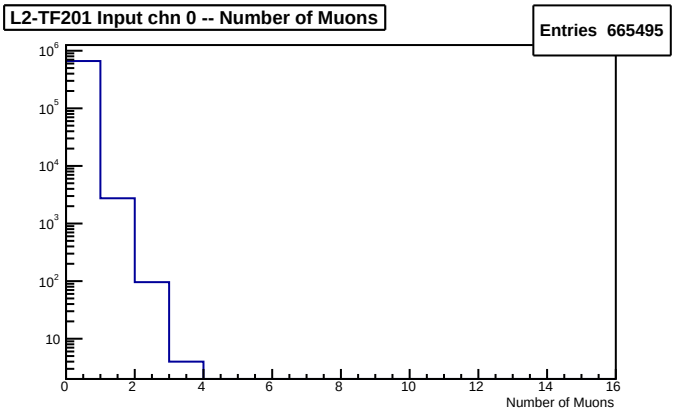

L2-TF201
Entries 0
TOF total mult(Real-Simu)

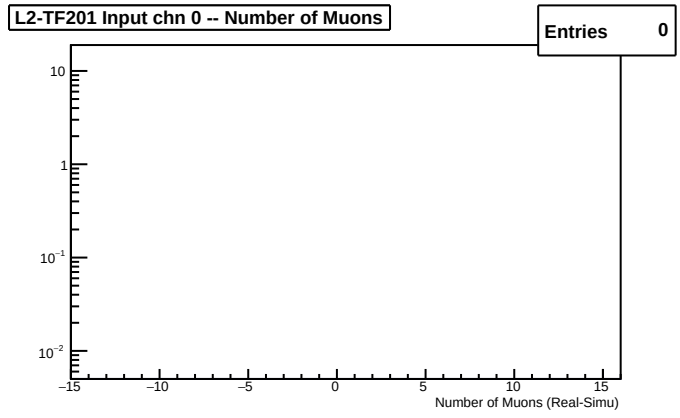

L2-TF201
Entries 4658465
Threshold/UPC bits
343143
354391
325373
343330
353689
335851
392344
322352
311104
340122
322165
311806
329644
273151
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

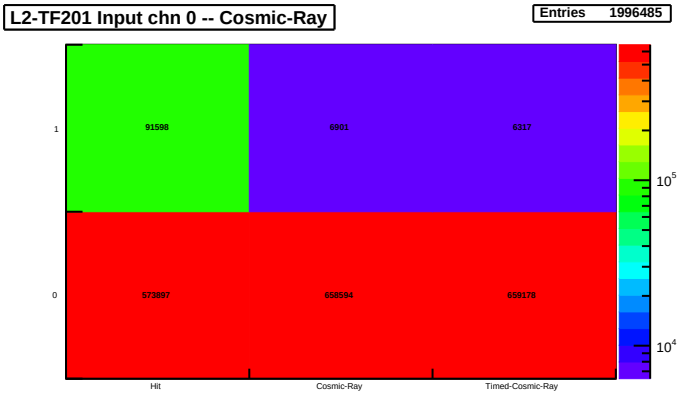

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

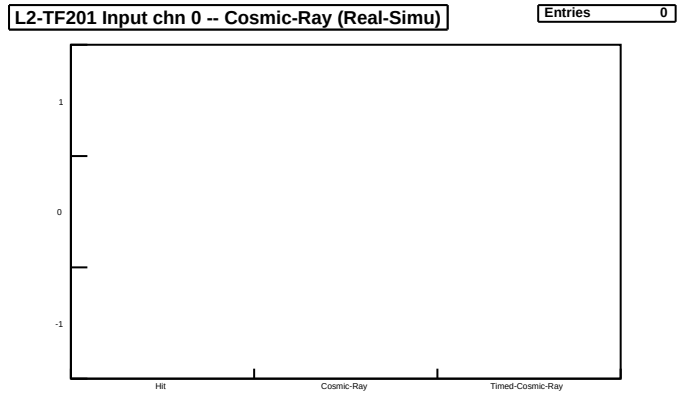

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5323960
Fired
9460
9453
78547
70000
48831
50779
40999
47686
656035
656042
586948
595495
616664
614716
624496
617809
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

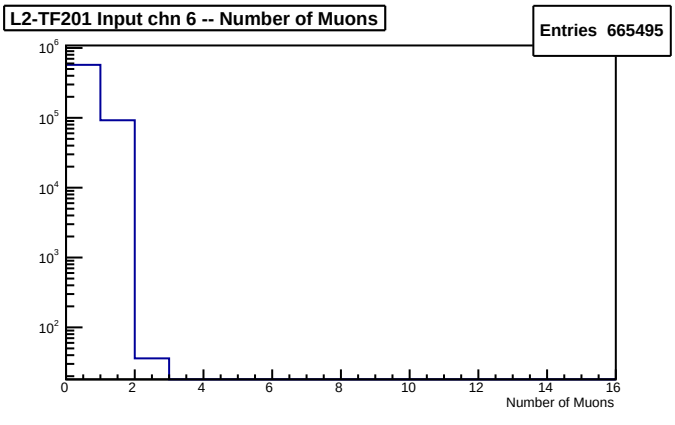

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

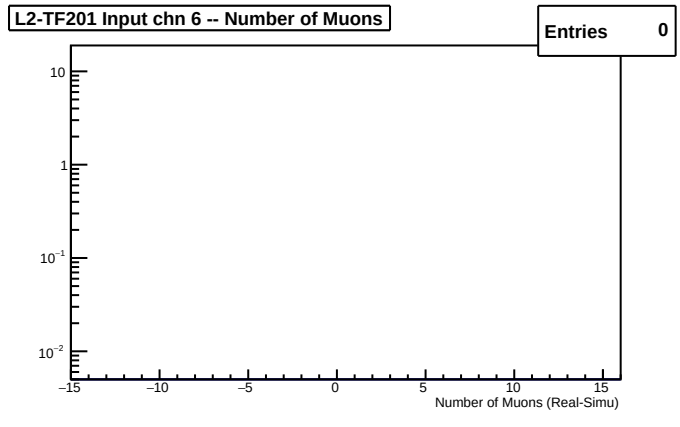

L2-TF201 Input chn 0 -- Number of Muons
Entries 665495
Number of Muons

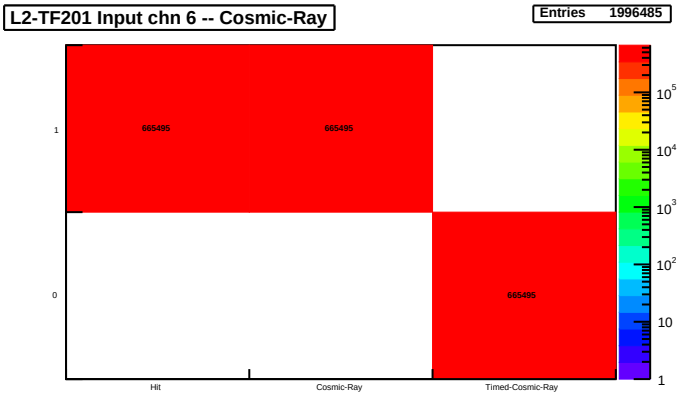

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

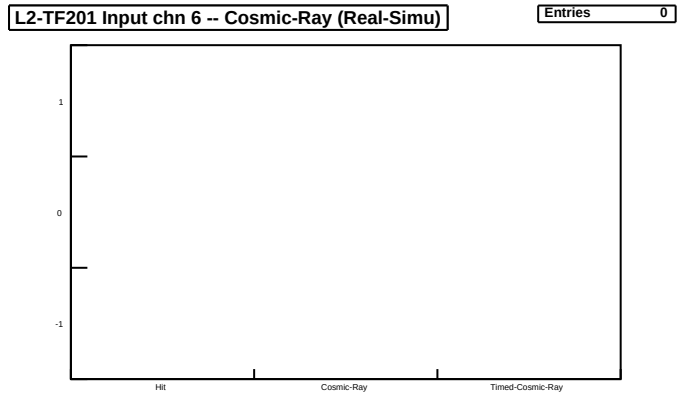

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1996485
91598
6901
6317
573897
658594
659178
Hit
Cosmic-Ray
Timed-Cosmic-Ray

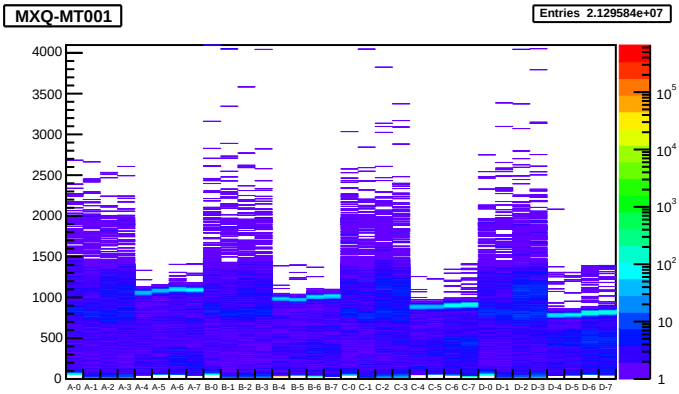

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

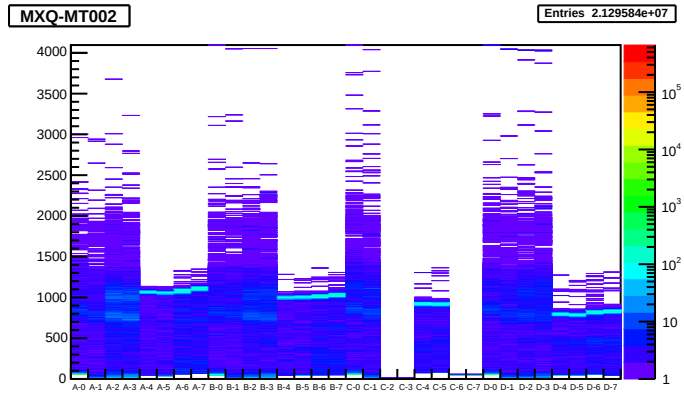

L2-TF201 Input chn 6 -- Number of Muons
Entries 665495
Number of Muons

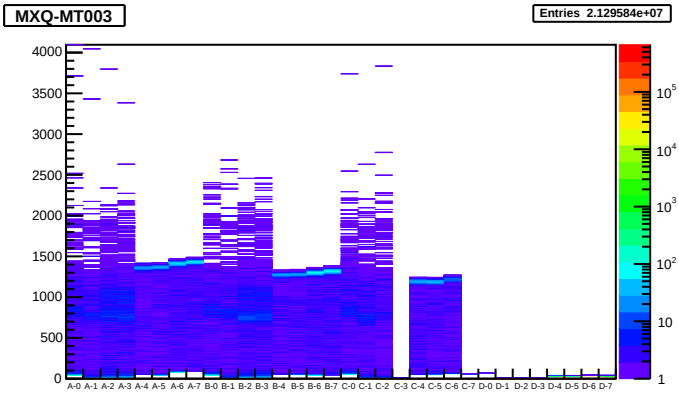

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

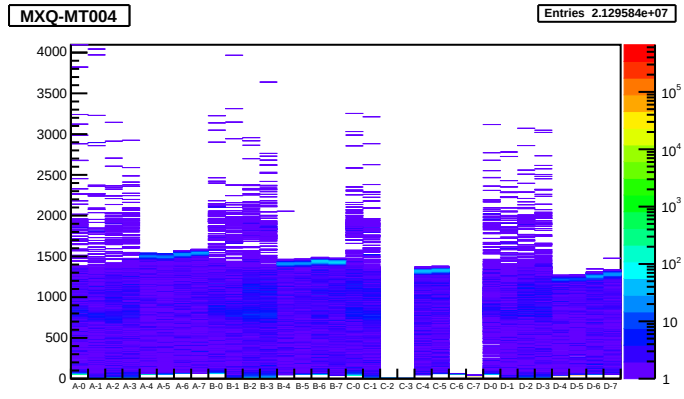

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1996485
665495
665495
665495
Hit
Cosmic-Ray
Timed-Cosmic-Ray

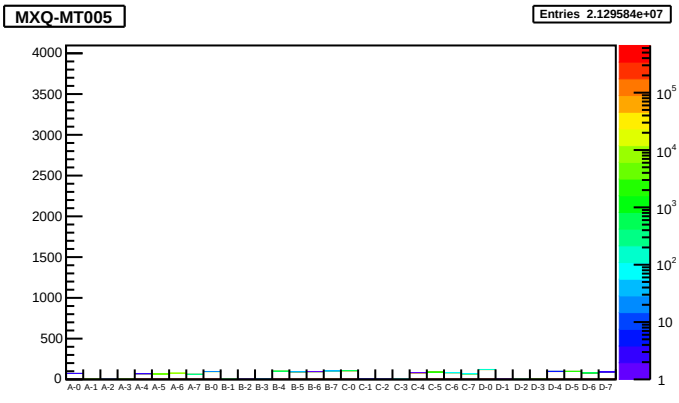

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

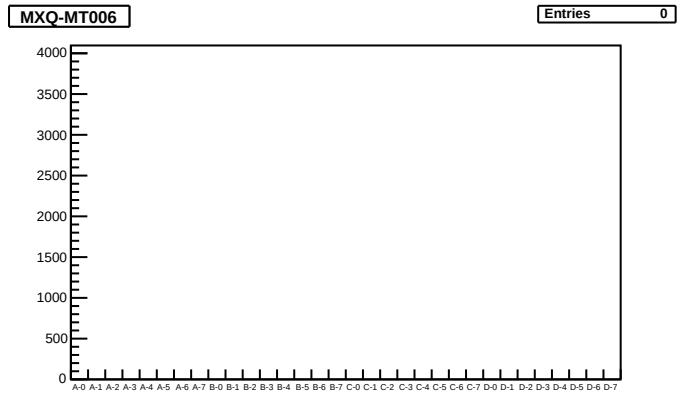

MXQ-MT001
Entries 2.129584e+07

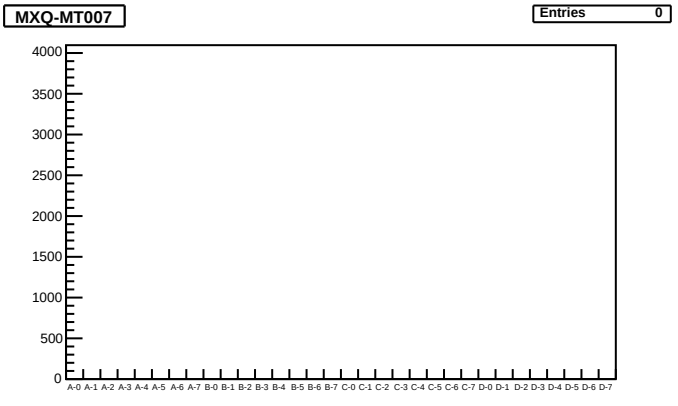

MXQ-MT002
Entries 2.129584e+07

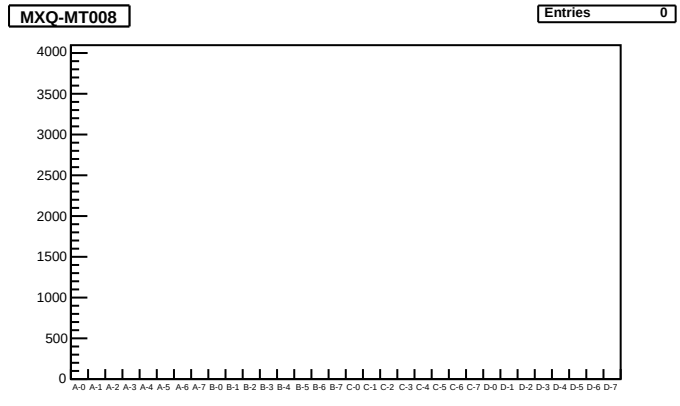

MXQ-MT003
Entries 2.129584e+07

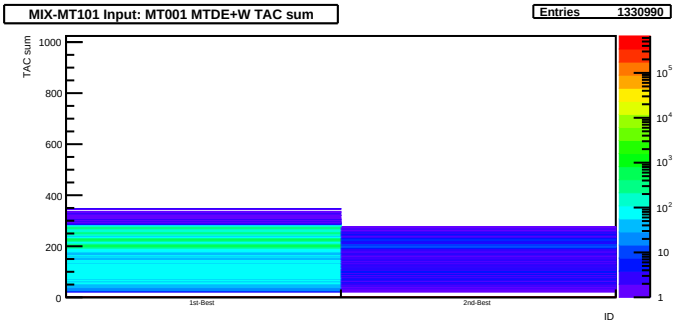

MXQ-MT004
Entries 2.129584e+07

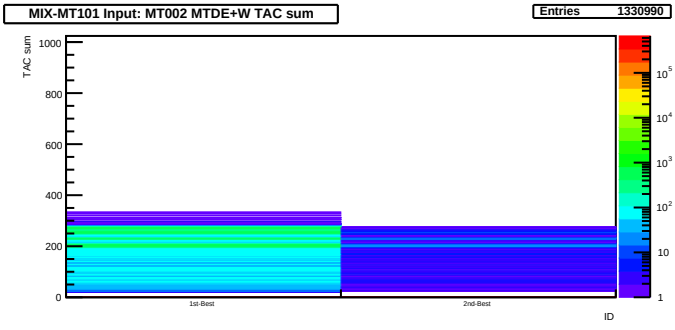

MXQ-MT005
Entries 2.129584e+07

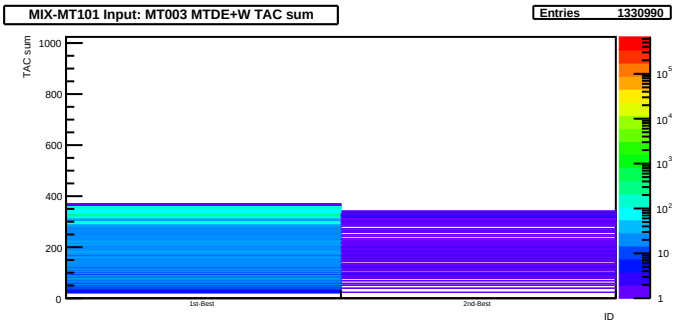

MXQ-MT006
Entries 0

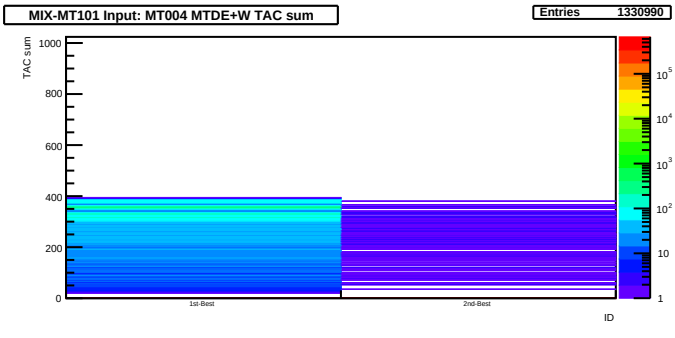

MXQ-MT007
Entries 0

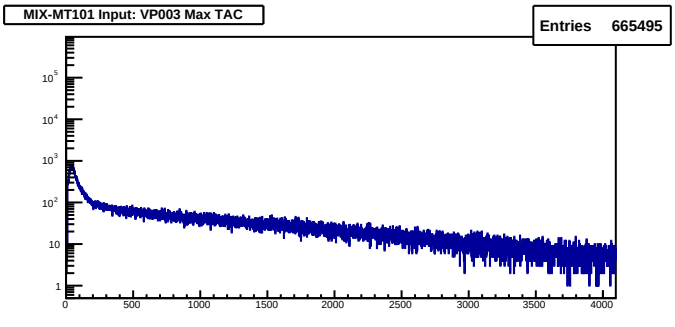

MXQ-MT008
Entries 0

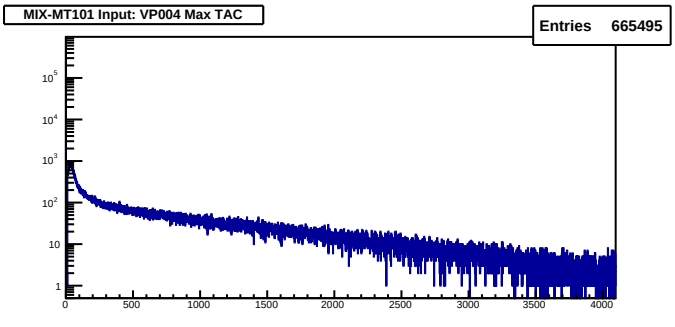

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1330990
TAC sum
1st-Best
2nd-Best
ID

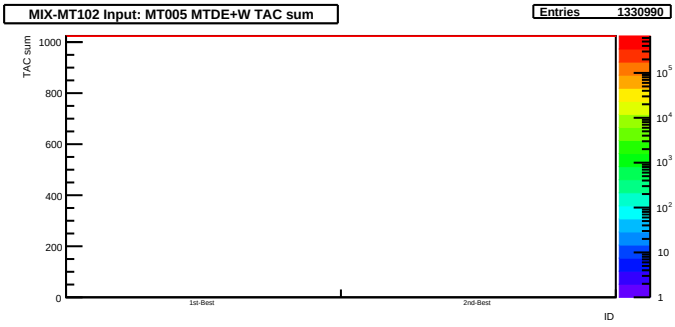

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1330990
TAC sum
1st-Best
2nd-Best
ID

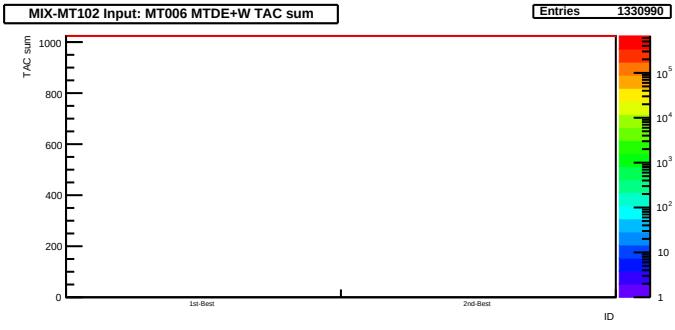

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1330990
TAC sum
1st-Best
2nd-Best
ID

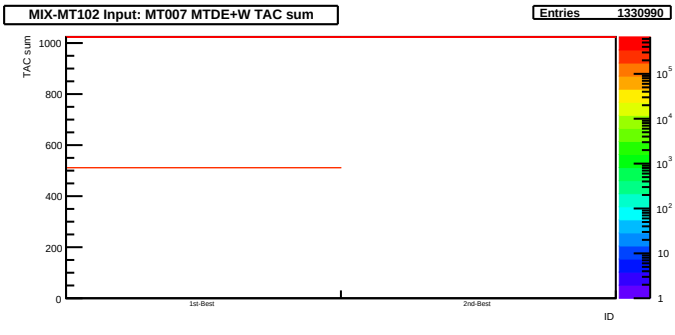

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1330990
TAC sum
1st-Best
2nd-Best
ID

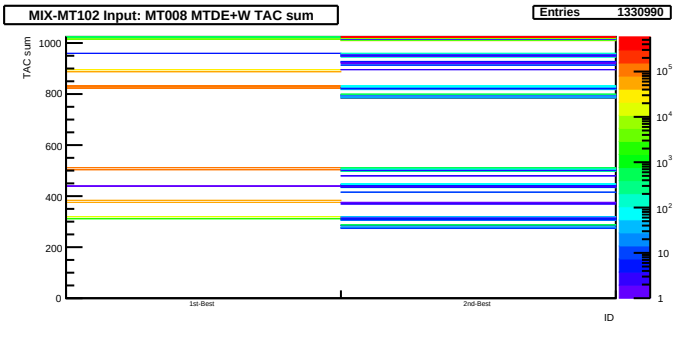

MIX-MT101 Input: VP003 Max TAC
Entries 665495

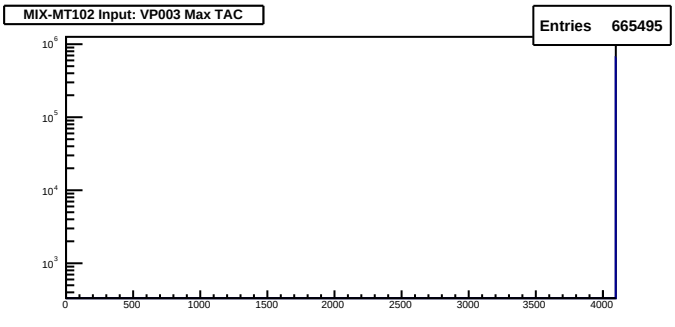

MIX-MT101 Input: VP004 Max TAC
Entries 665495

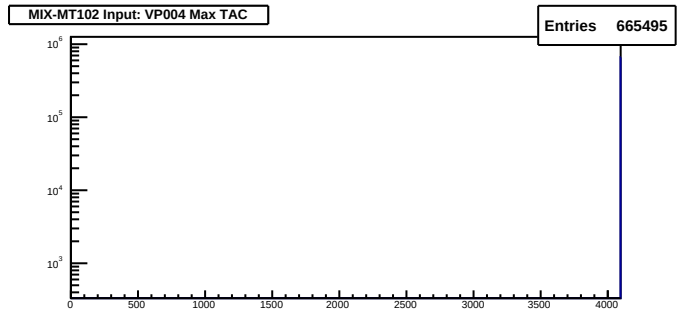

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1330990
TAC sum
1st-Best
2nd-Best
ID

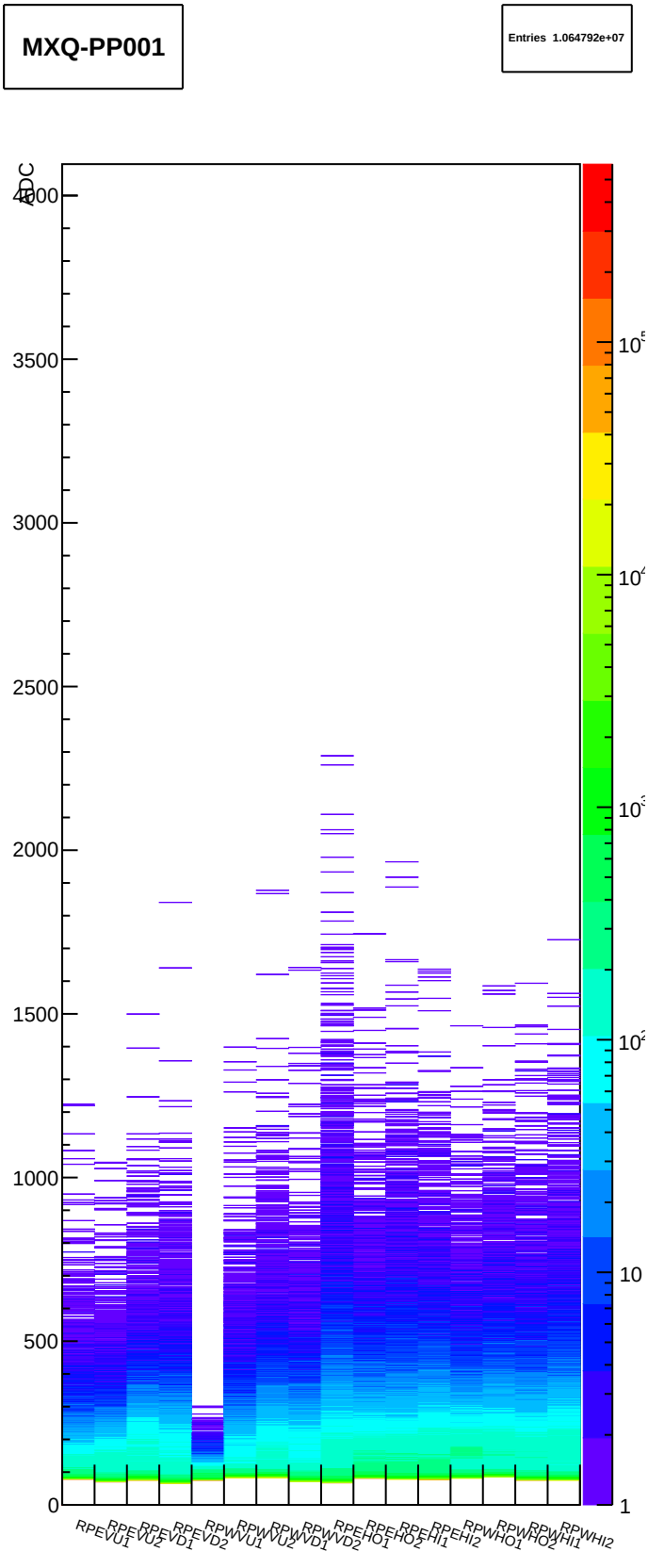

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1330990
TAC sum
1st-Best
2nd-Best
ID

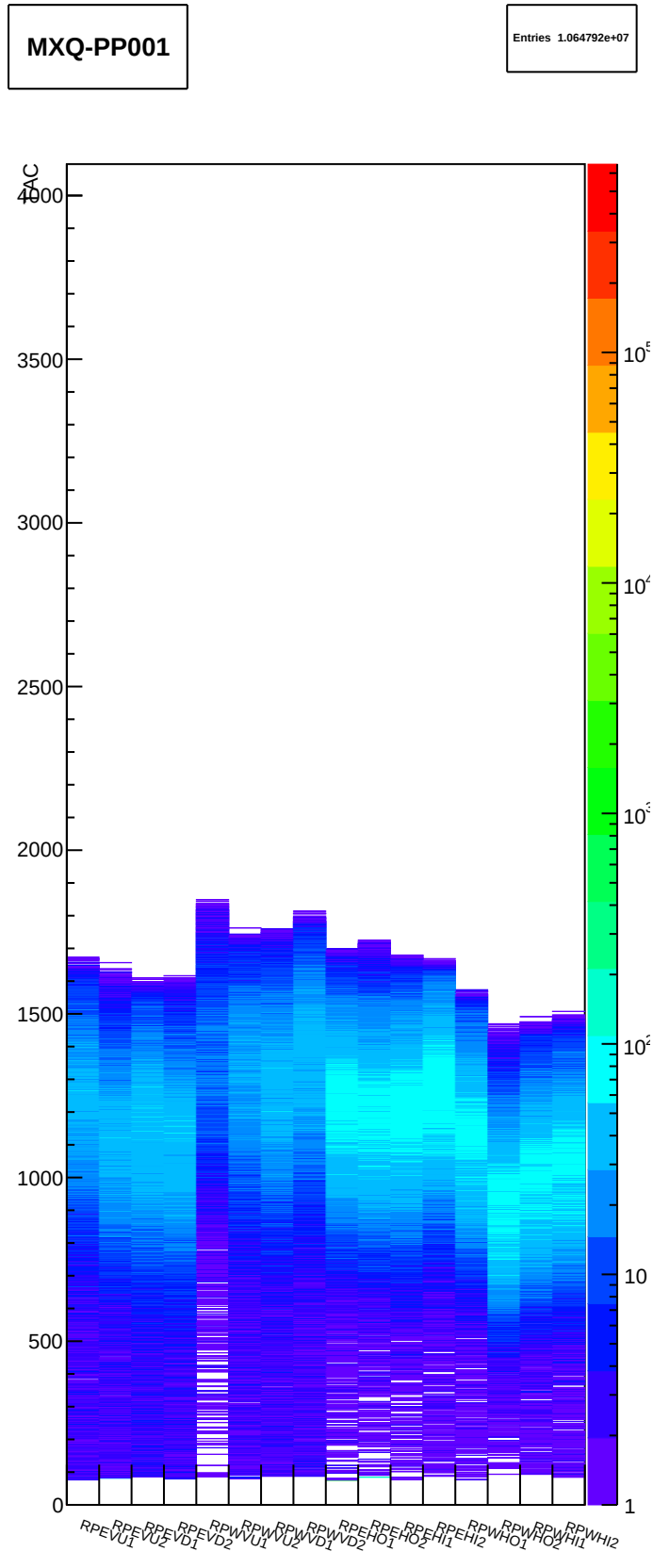

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1330990
TAC sum
1st-Best
2nd-Best
ID

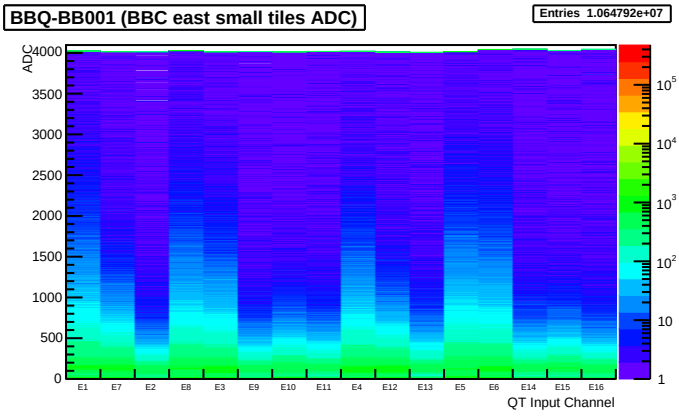

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1330990
TAC sum
1st-Best
2nd-Best
ID

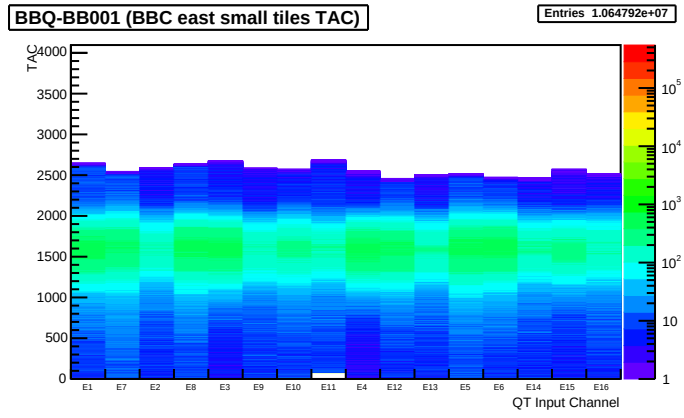

MIX-MT102 Input: VP003 Max TAC
Entries 665495

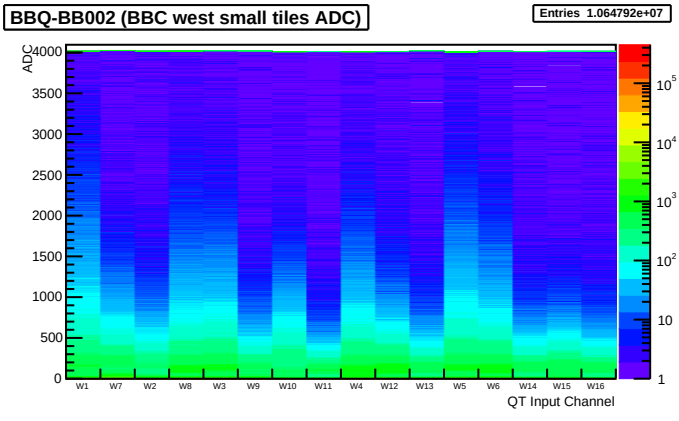

MIX-MT102 Input: VP004 Max TAC
Entries 665495

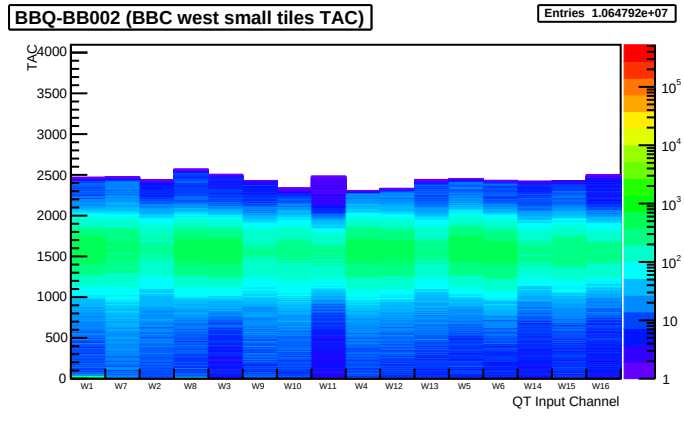

MXQ-PP001
Entries 1.064792e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

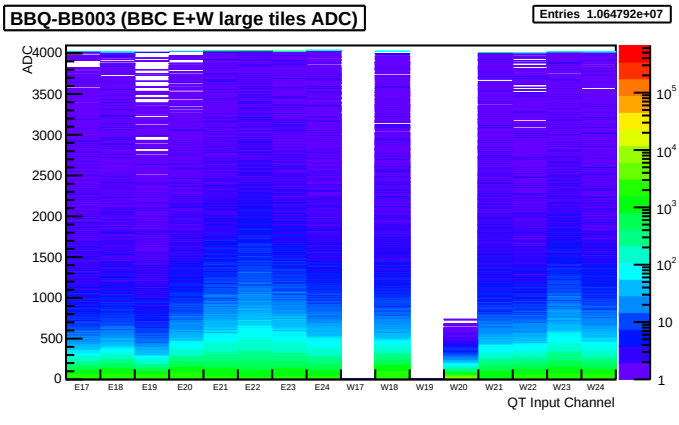

MXQ-PP001
Entries 1.064792e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

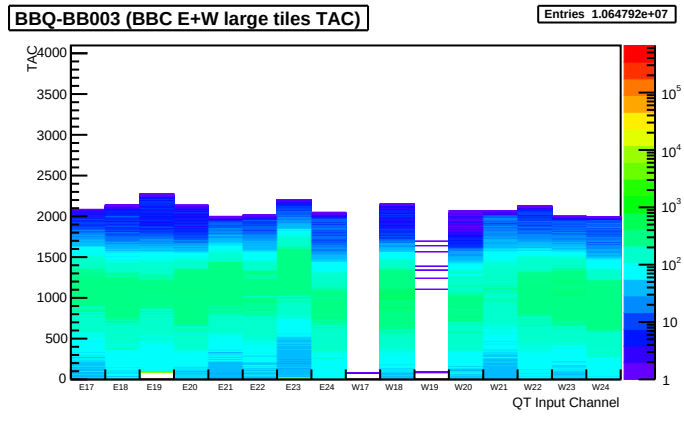

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.064792e+07
ADC
QT Input Channel

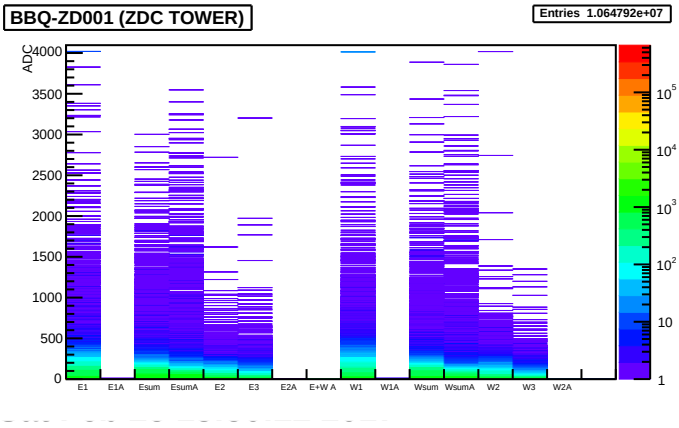

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.064792e+07
TAC
QT Input Channel

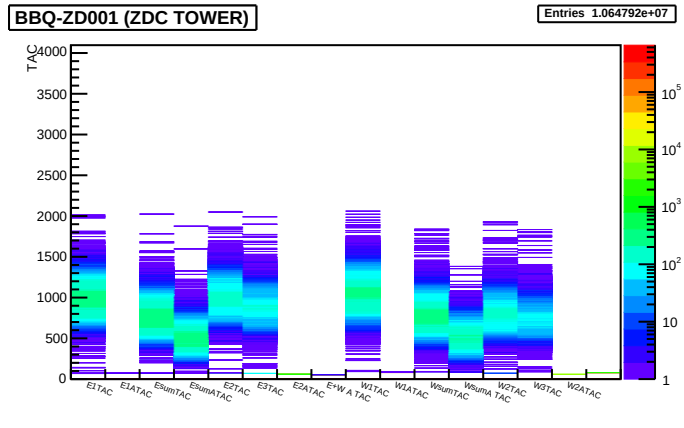

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.064792e+07
ADC
QT Input Channel

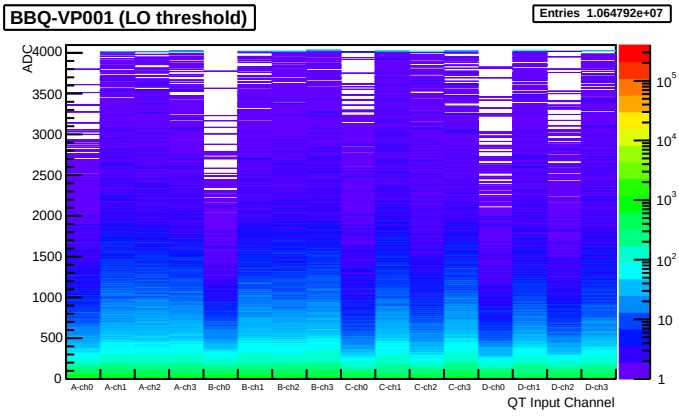

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.064792e+07
TAC
QT Input Channel

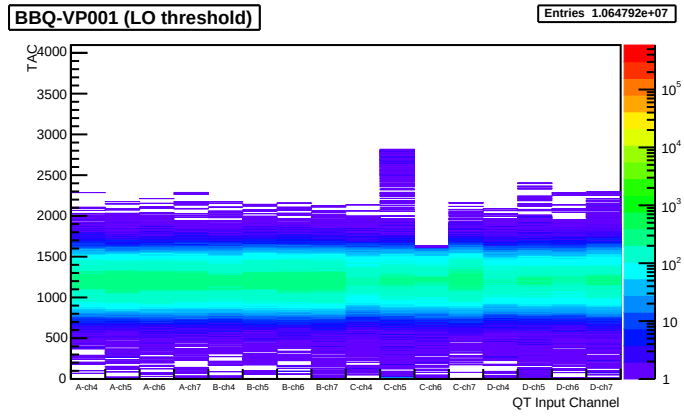

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.064792e+07
ADC
QT Input Channel

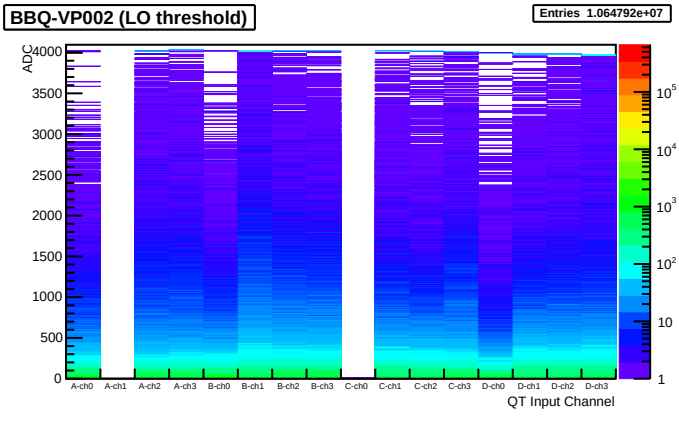

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.064792e+07
TAC
QT Input Channel

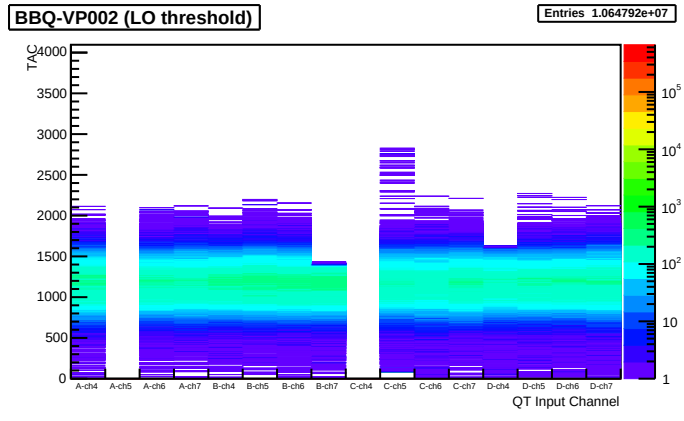

BBQ-ZD001 (ZDC TOWER)
Entries 1.064792e+07
ADC

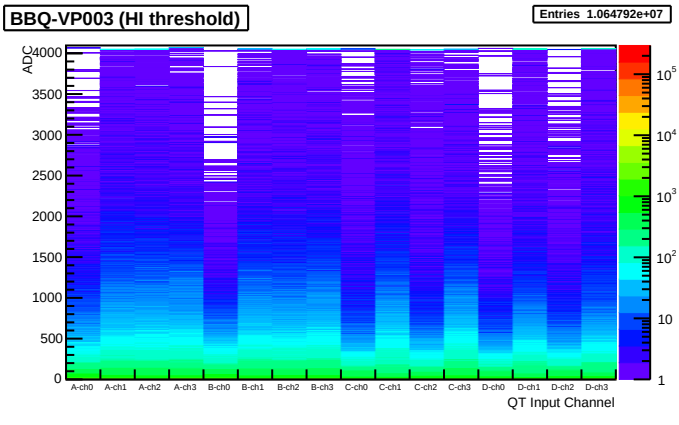

BBQ-ZD001 (ZDC TOWER)
Entries 1.064792e+07
TAC

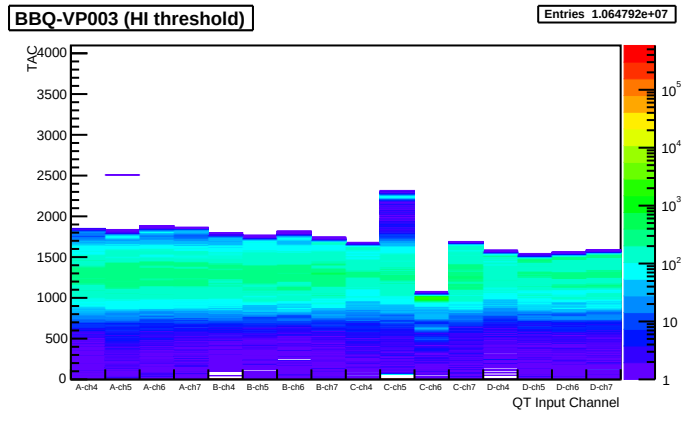

BBQ-VP001 (LO threshold)
Entries 1.064792e+07
ADC
QT Input Channel

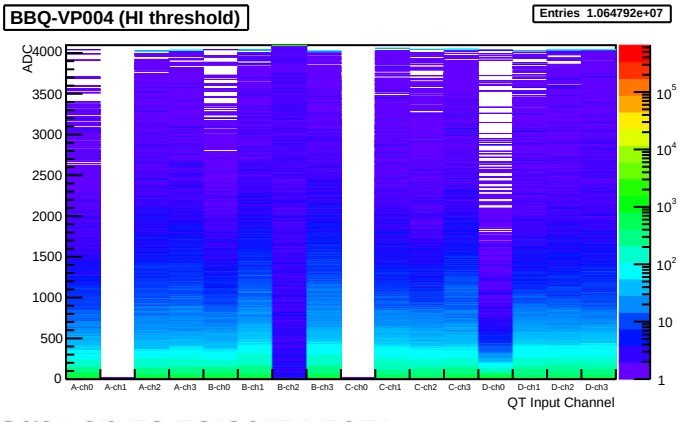

BBQ-VP001 (LO threshold)
Entries 1.064792e+07
TAC
QT Input Channel

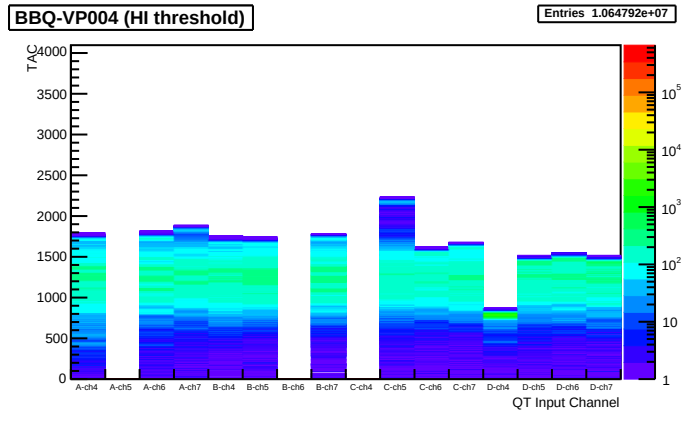

BBQ-VP002 (LO threshold)
Entries 1.064792e+07
ADC
QT Input Channel

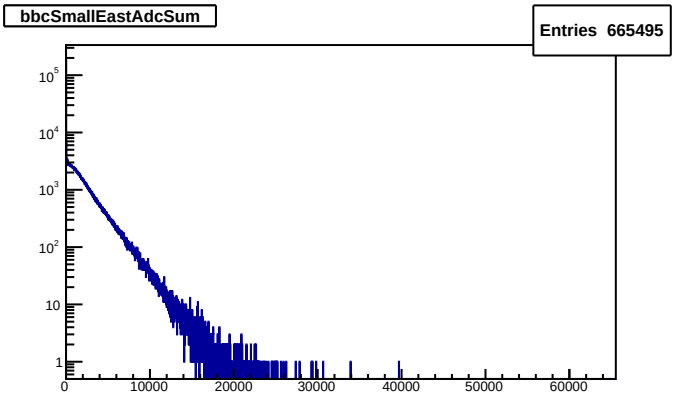

BBQ-VP002 (LO threshold)
Entries 1.064792e+07
TAC
QT Input Channel

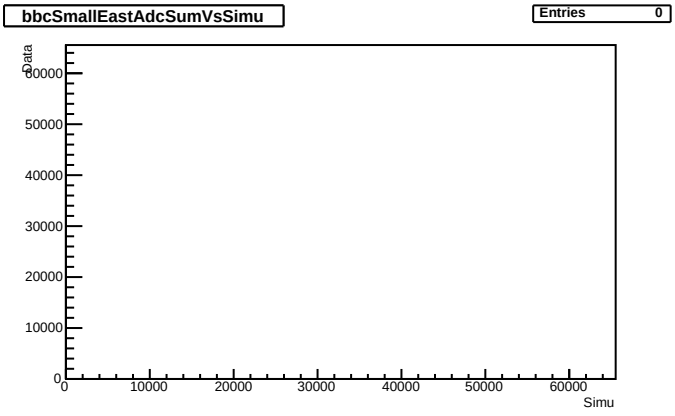

BBQ-VP003 (HI threshold)
Entries 1.064792e+07
ADC
QT Input Channel

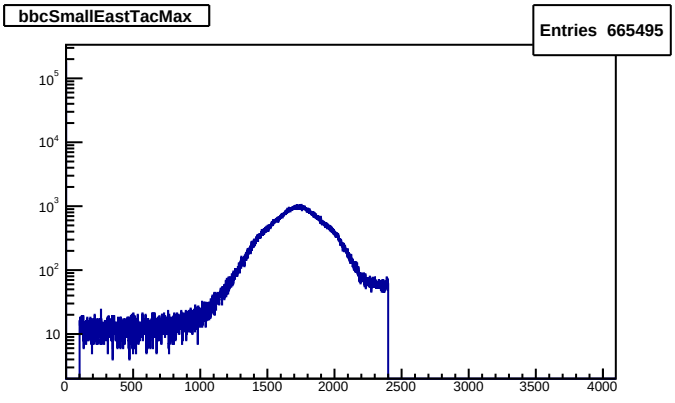

BBQ-VP003 (HI threshold)
Entries 1.064792e+07
TAC
QT Input Channel

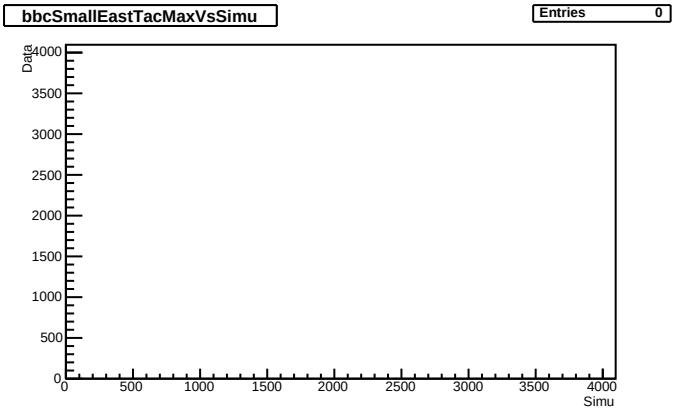

BBQ-VP004 (HI threshold)
Entries 1.064792e+07
ADC
QT Input Channel

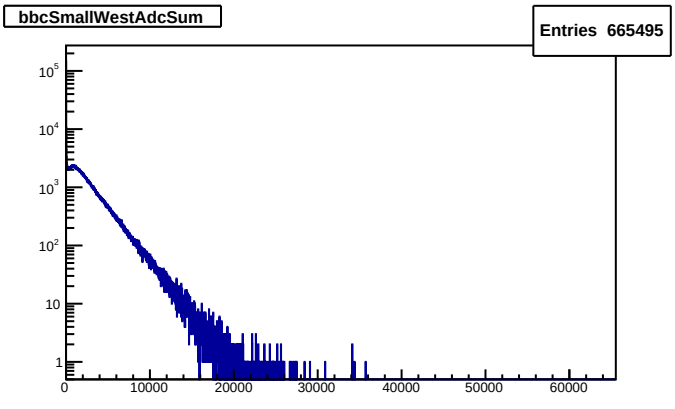

BBQ-VP004 (HI threshold)
Entries 1.064792e+07
TAC
QT Input Channel

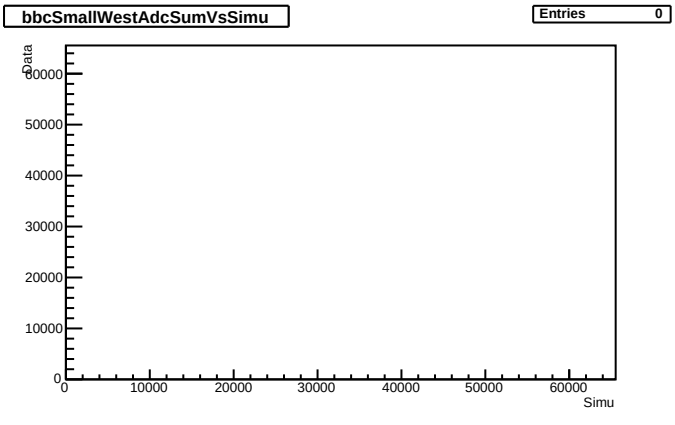

bbcSmallEastAdcSum
Entries 665495

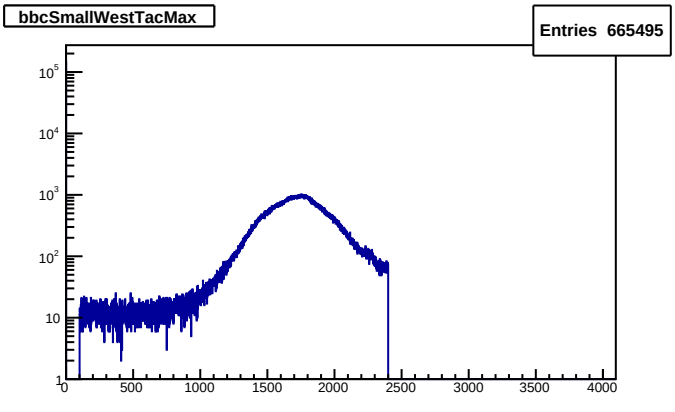

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

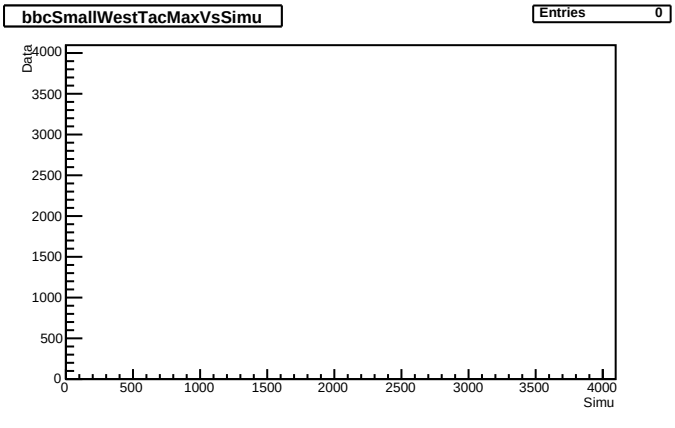

bbcSmallEastTacMax
Entries 665495

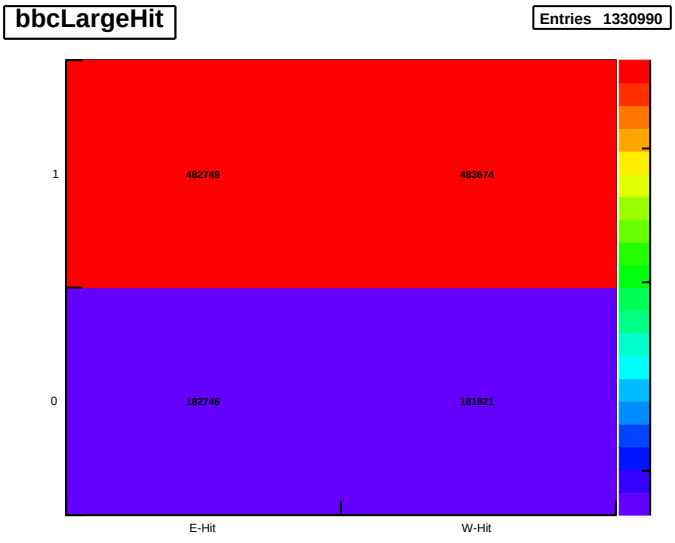

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

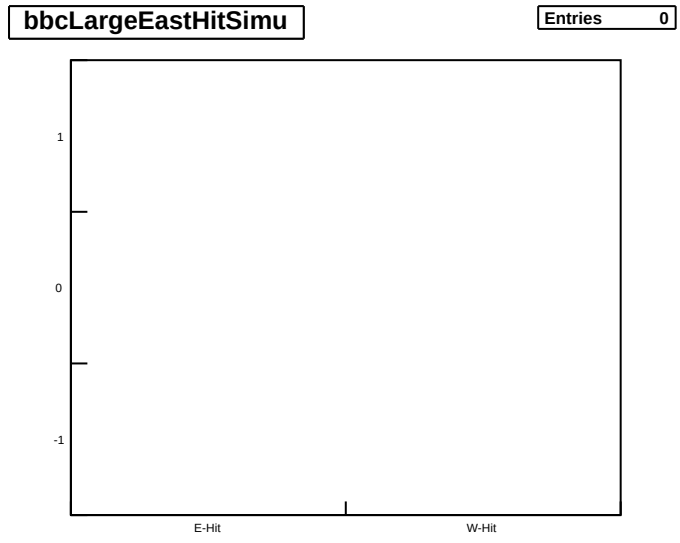

bbcSmallWestAdcSum
Entries 665495

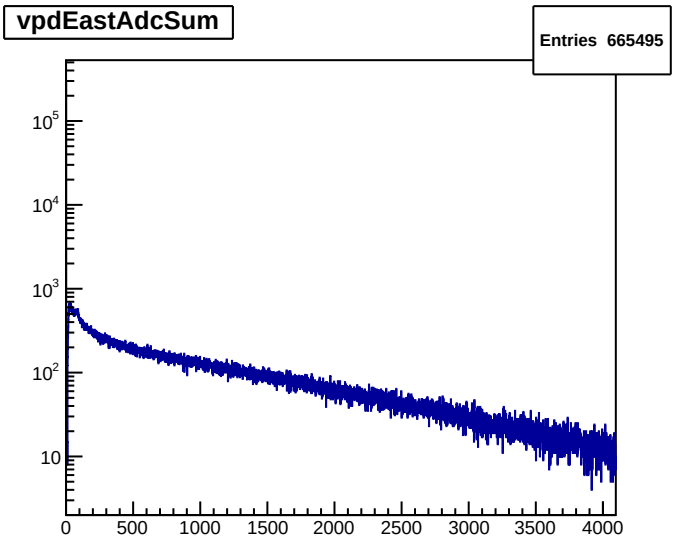

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

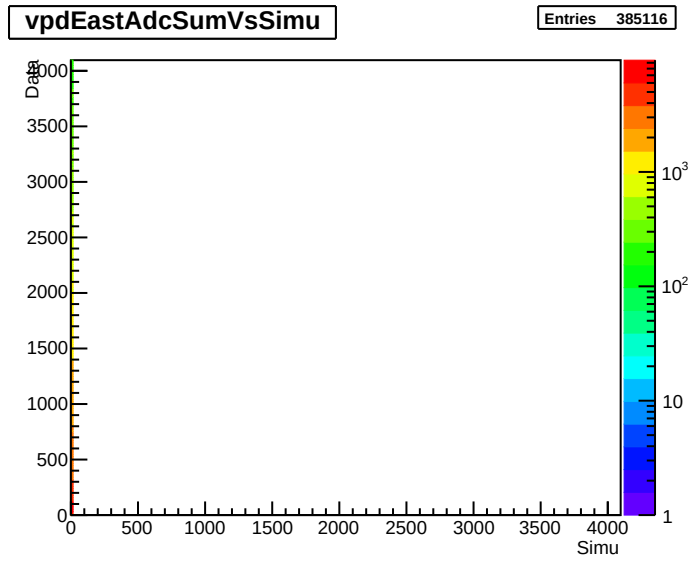

bbcSmallWestTacMax
Entries 665495

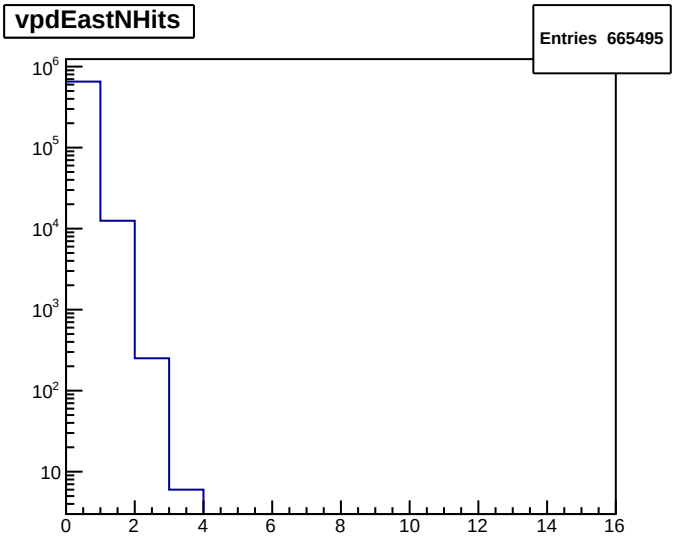

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

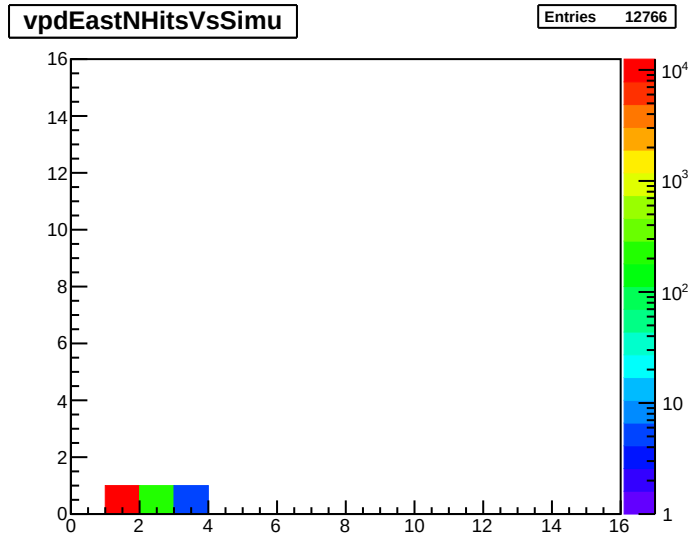

bbcLargeHit
Entries 1330990
1
0
482749
483674
182746
181821
E-Hit
W-Hit

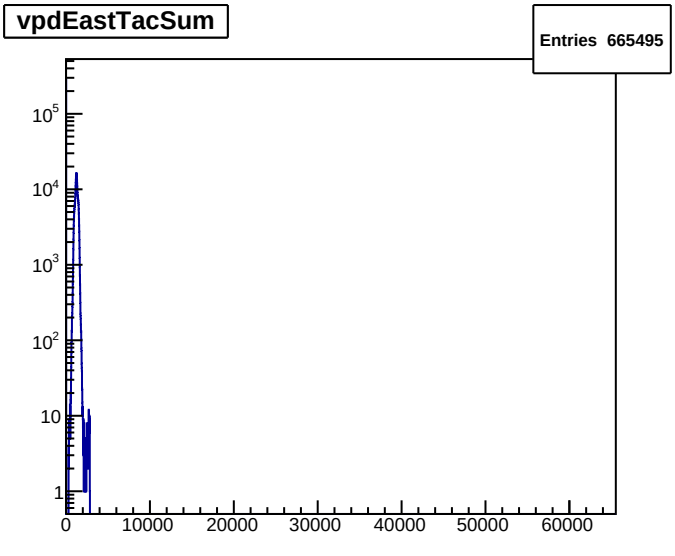

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

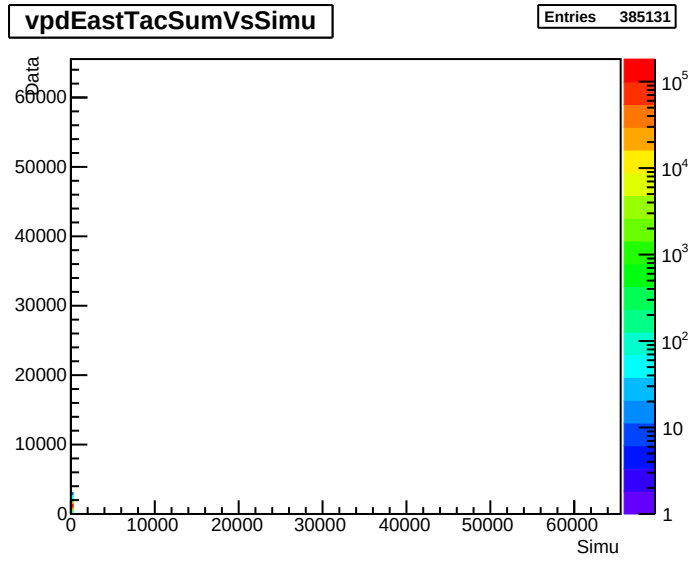

vpdEastAdcSum
Entries 665495

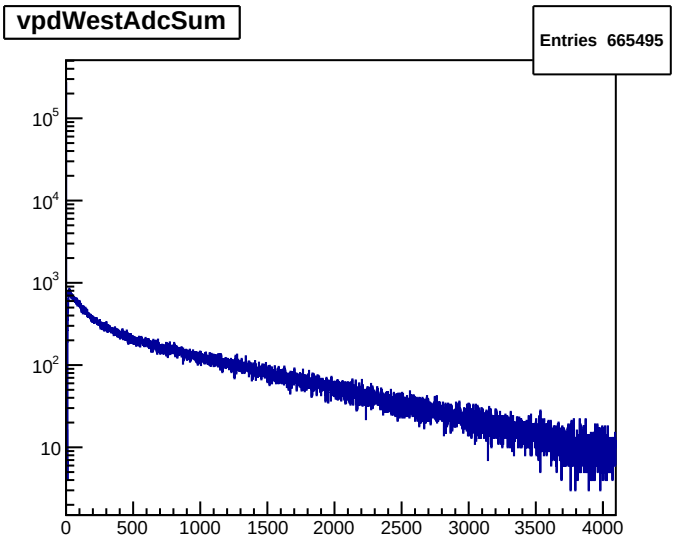

vpdEastAdcSumVsSimu
Entries 385116
Data
Simu

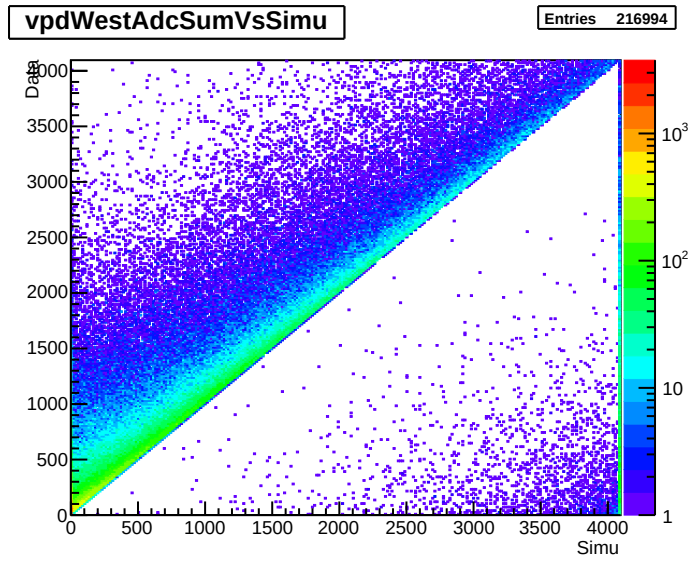

vpdEastNHits
Entries 665495

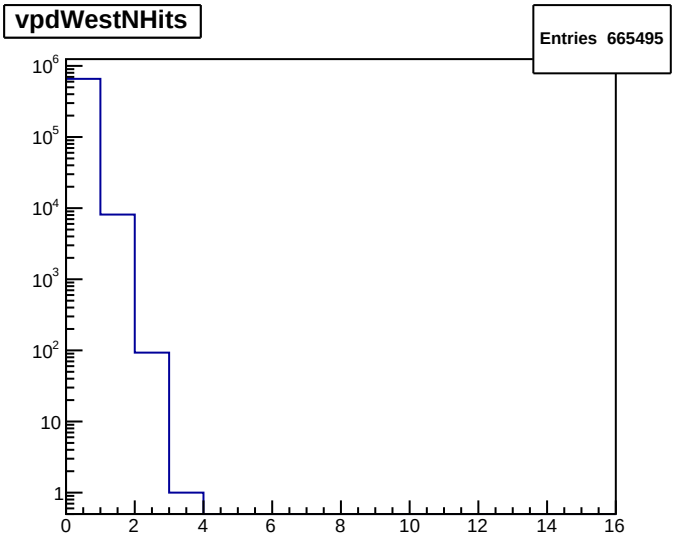

vpdEastNHitsVsSimu
Entries 12766

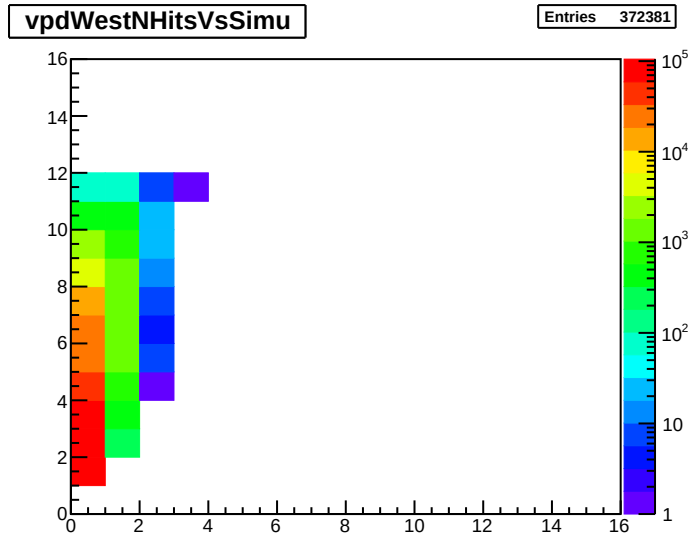

vpdEastTacSum
Entries 665495

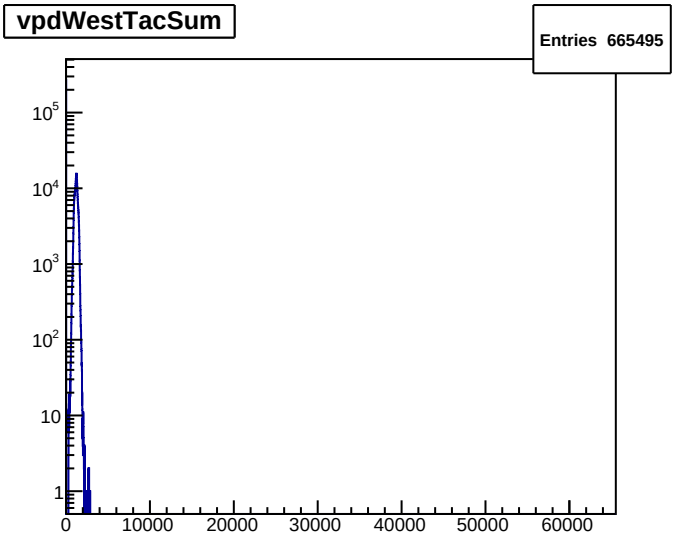

vpdEastTacSumVsSimu
Entries 385131
Data
Simu

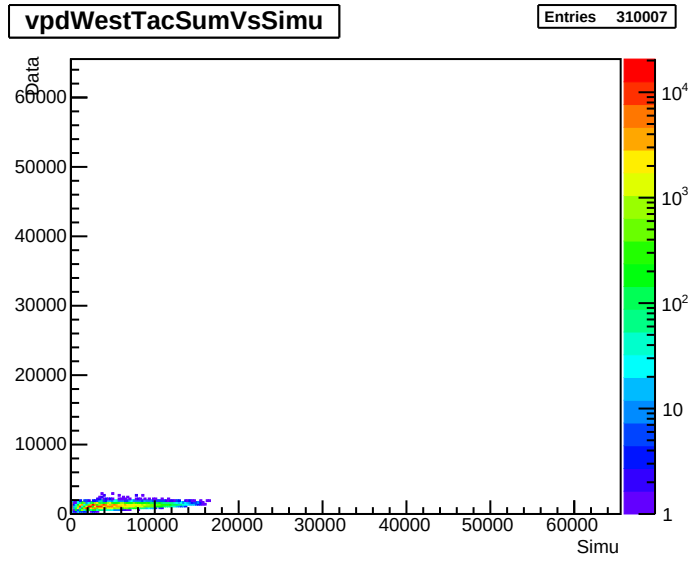

vpdWestAdcSum
Entries 665495

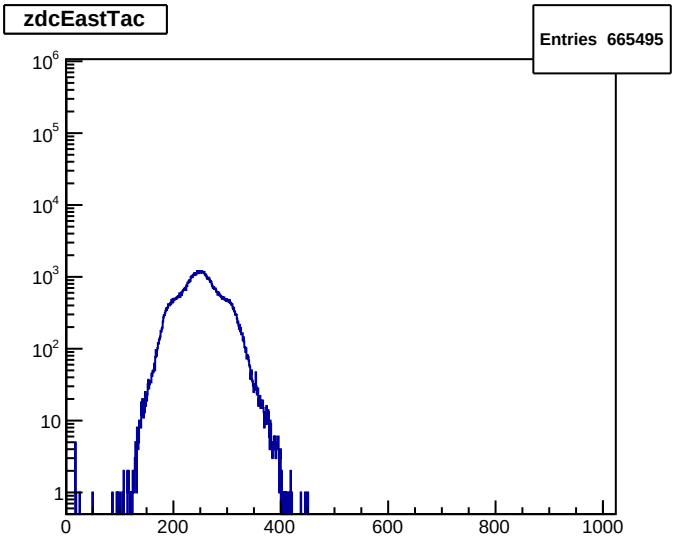

vpdWestAdcSumVsSimu
Entries 216994
Data
Simu

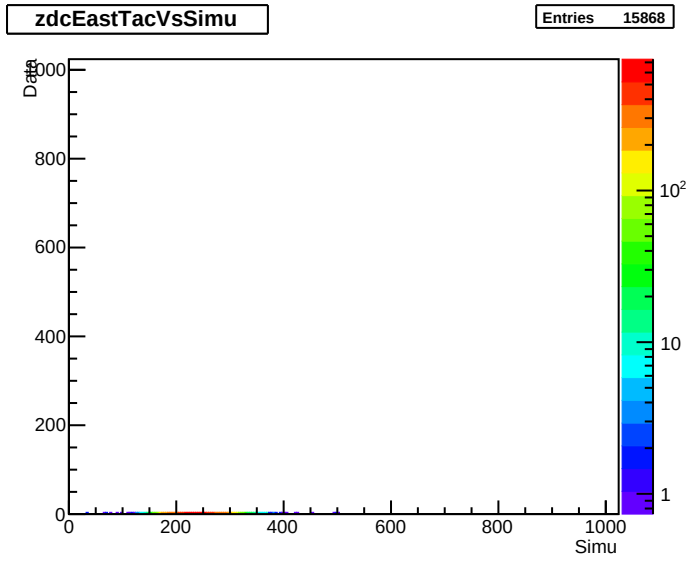

vpdWestNHits
Entries 665495

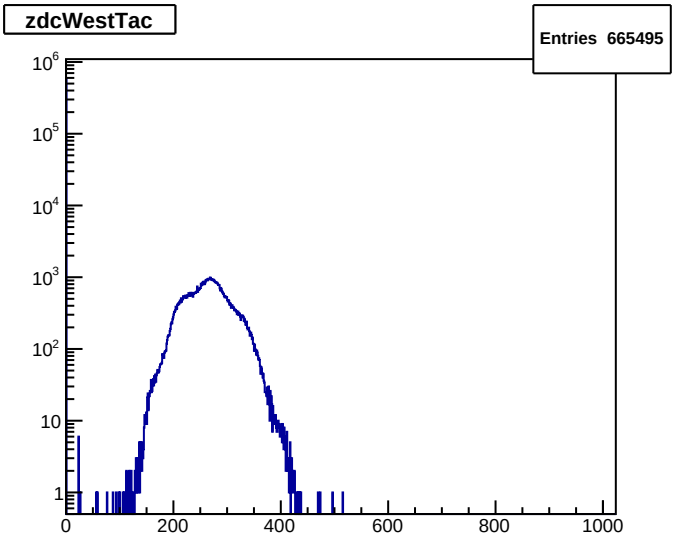

vpdWestNHitsVsSimu
Entries 372381

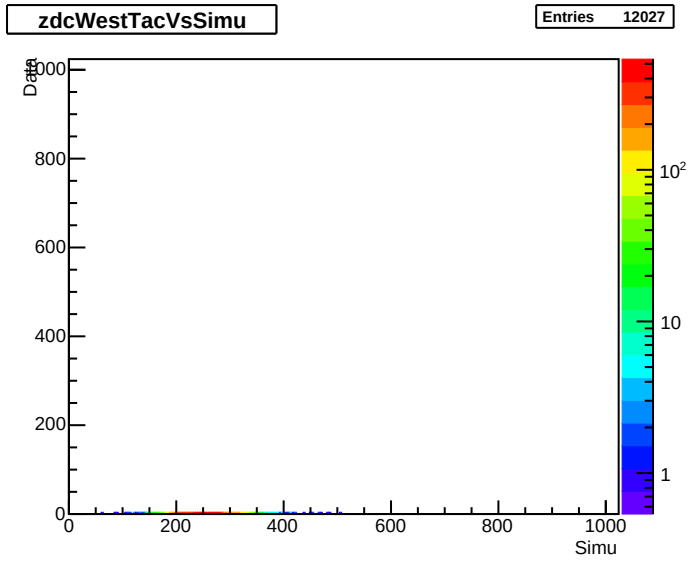

vpdWestTacSum
Entries 665495

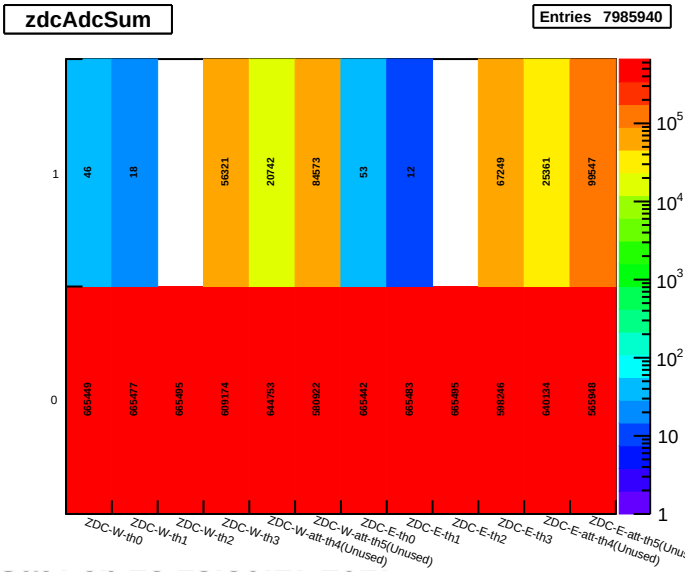

vpdWestTacSumVsSimu
Entries 310007
Data
Simu

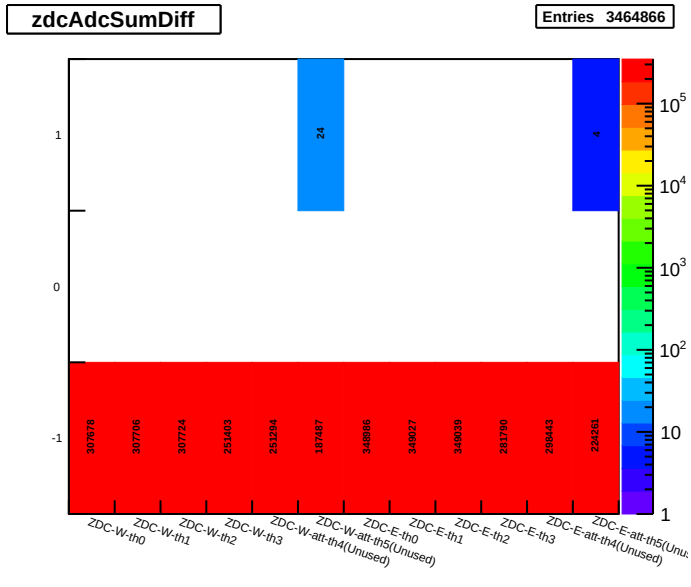

zdcEastTac
Entries 665495

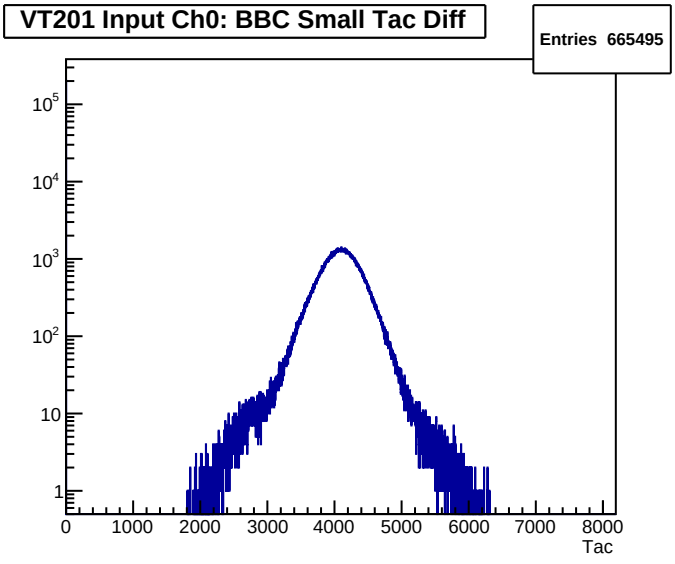

zdcEastTacVsSimu
Entries 15868
Data
Simu

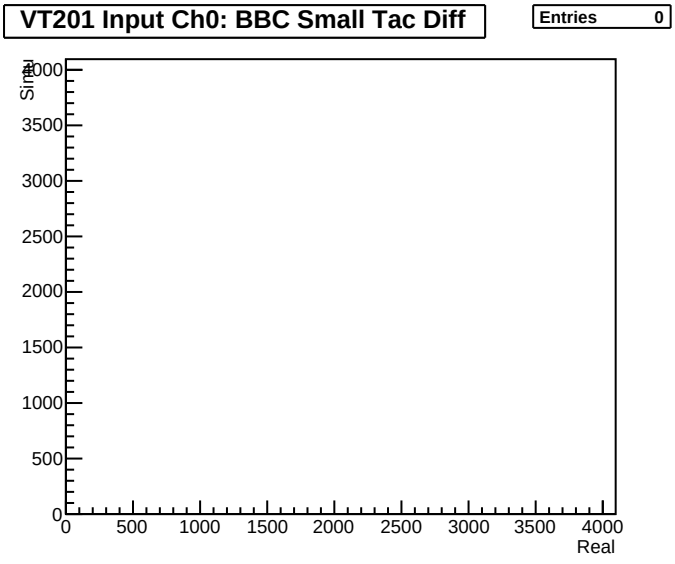

zdcWestTac
Entries 665495

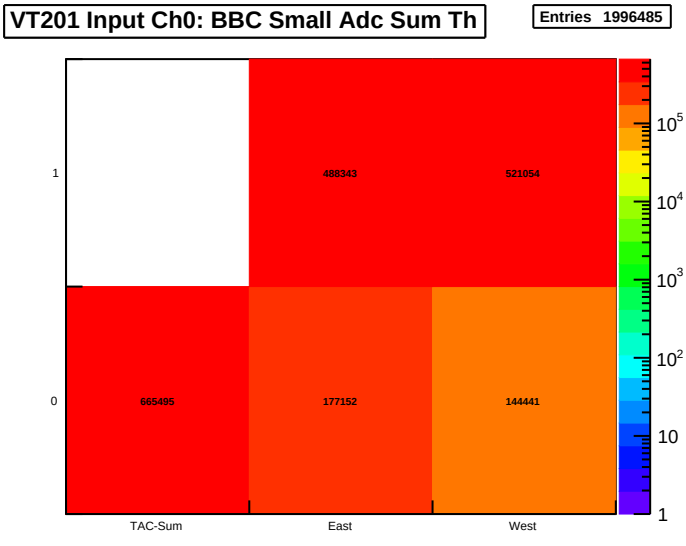

zdcWestTacVsSimu
Entries 12027
Data
Simu

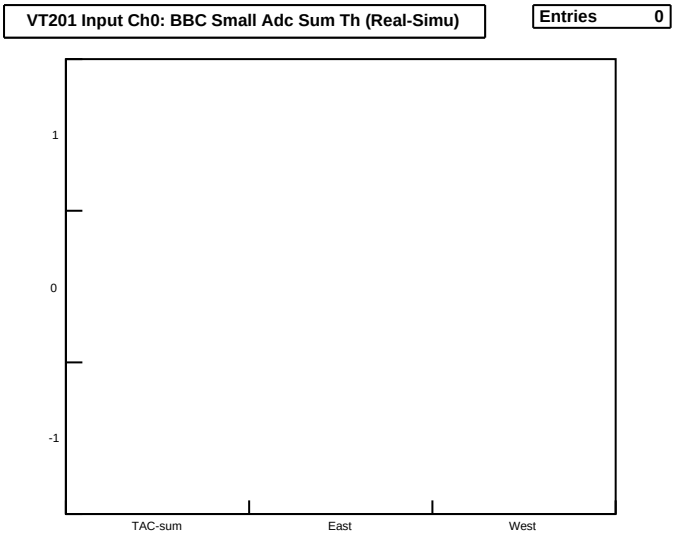

zdcAdcSum
Entries 7985940
46
18
56321
20742
84673
53
12
67249
25361
99547
665449
665477
665495
609174
644753
580922
665442
665483
665495
598246
640134
565948
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

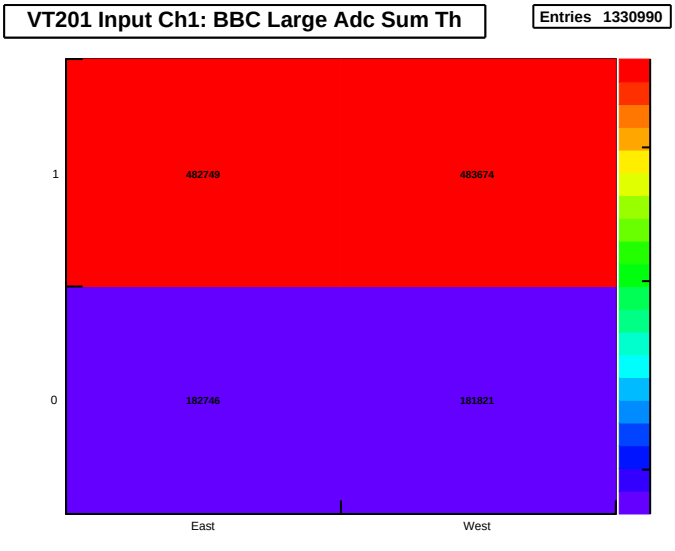

zdcAdcSumDiff
Entries 3464866
24
4
307678
307706
307724
251403
251294
187487
348996
349027
349039
281790
299443
224261
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

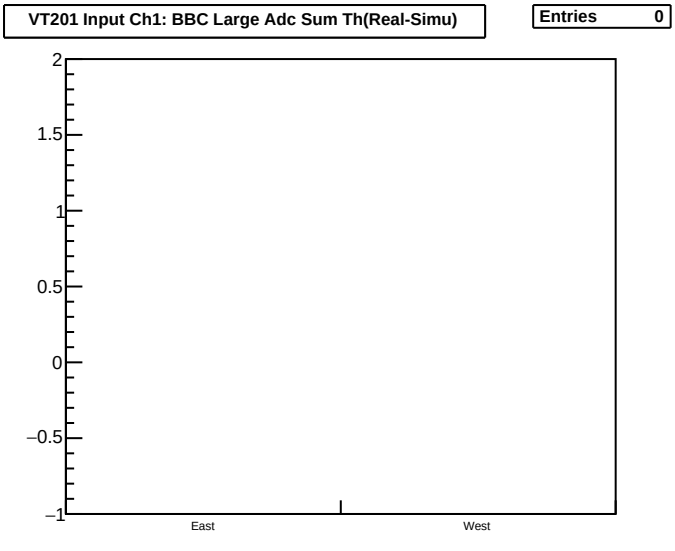

VT201 Input Ch0: BBC Small Tac Diff
Entries 665495
Tac


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

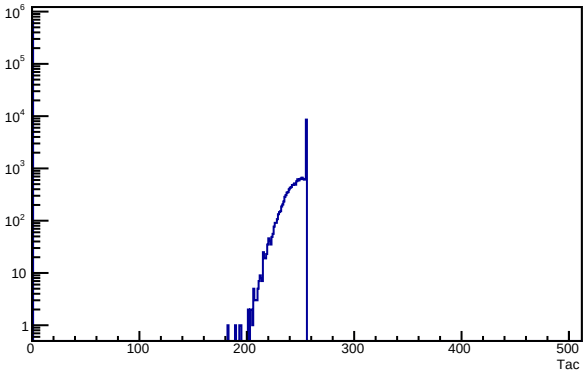

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1996485
488343
521054
665495
177152
144441
TAC-Sum
East
West


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

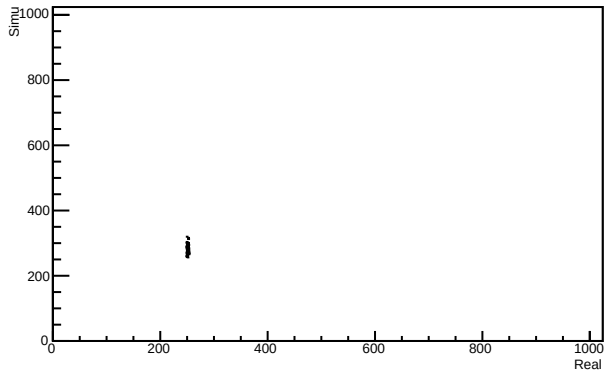

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1330990
482749
483674
182746
181821
East
West


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

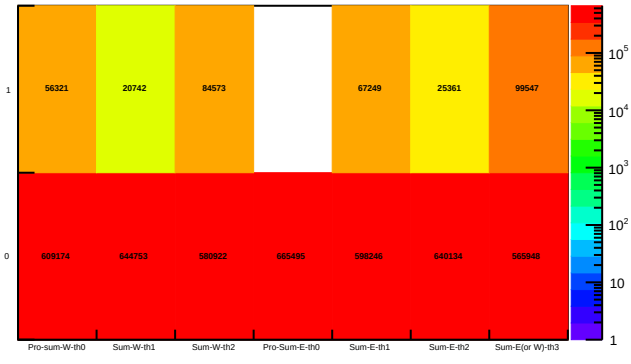
VT201 Input Ch2: ZDC Tac Diff



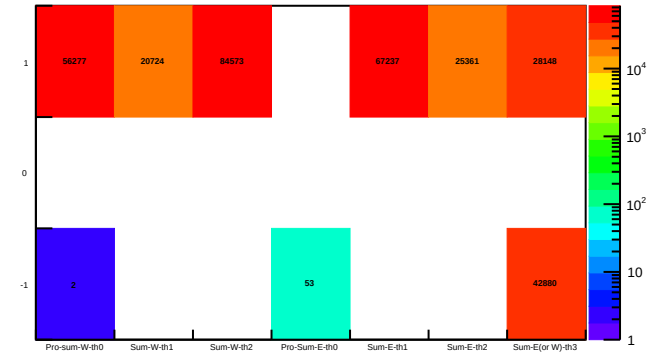
VT201 Input Ch2: ZDC Tac Diff



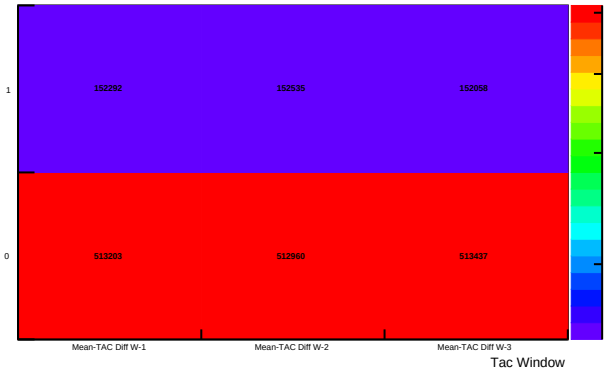
VT201 Input Ch2: ZDC Adc Sum Th



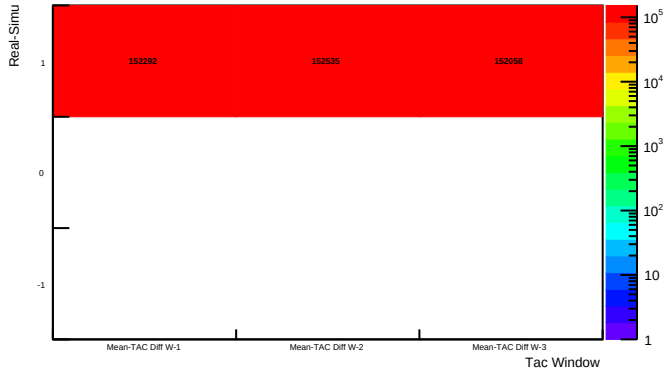
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



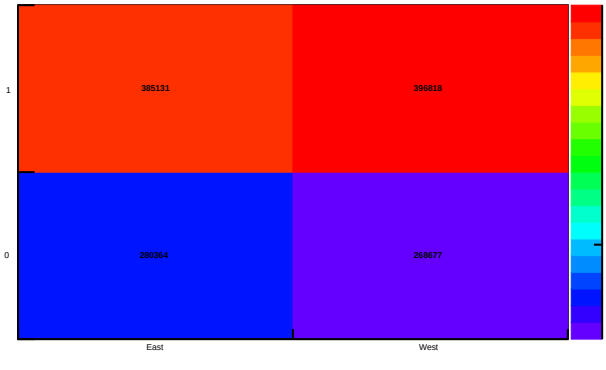
VT201 Input Ch4: VPD Tac Diff



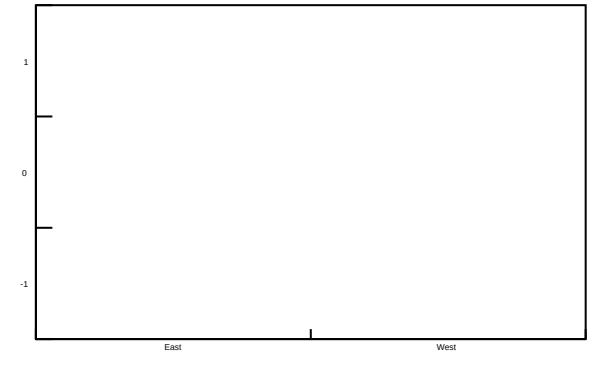
VT201 Input Ch4: VPD Tac Diff

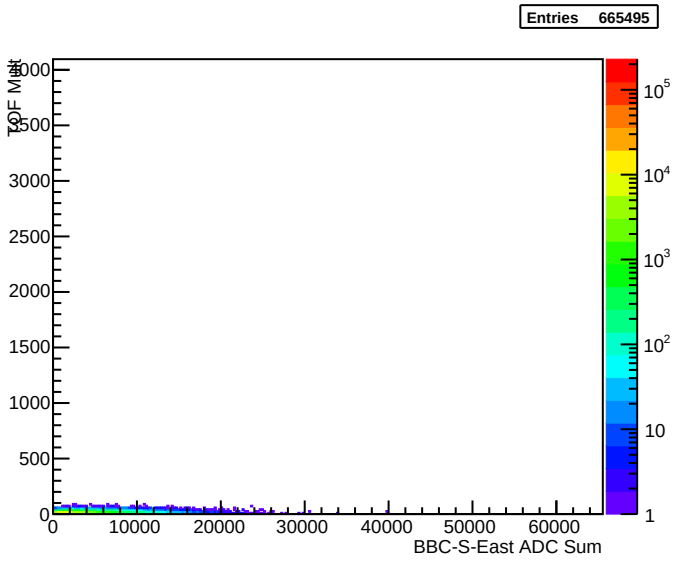


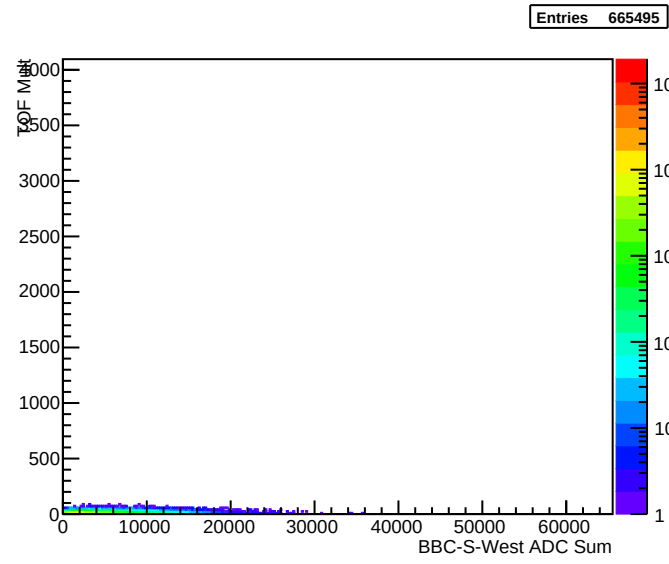
VT201 Input Ch4: VPD Adc Sum Th

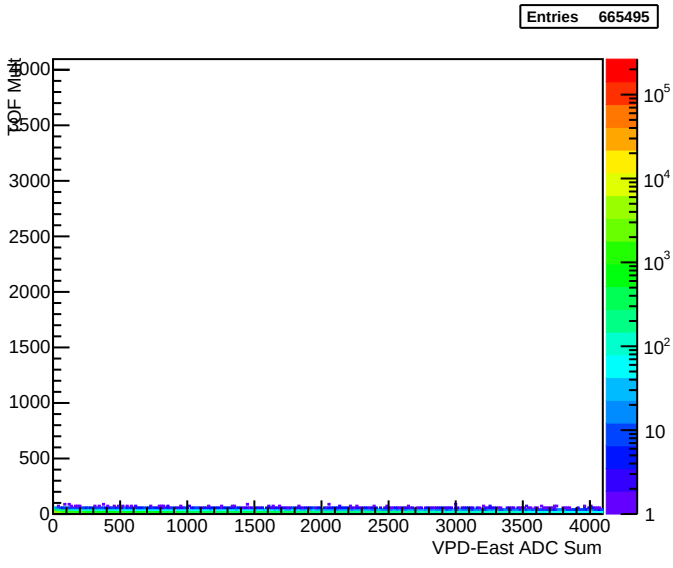


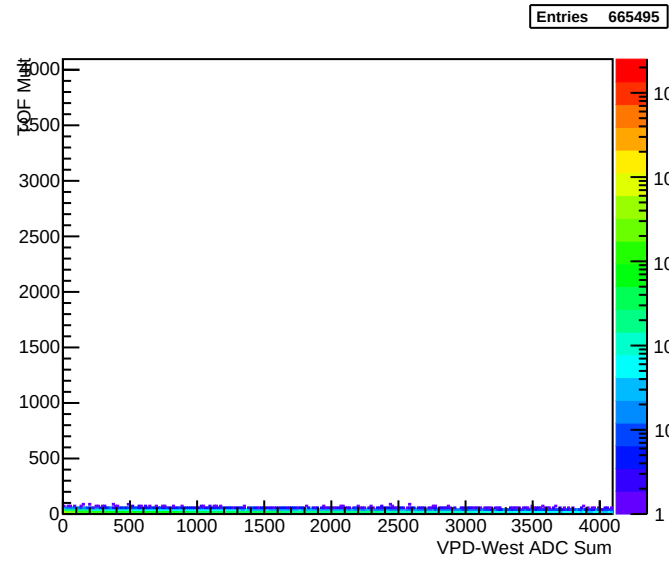
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

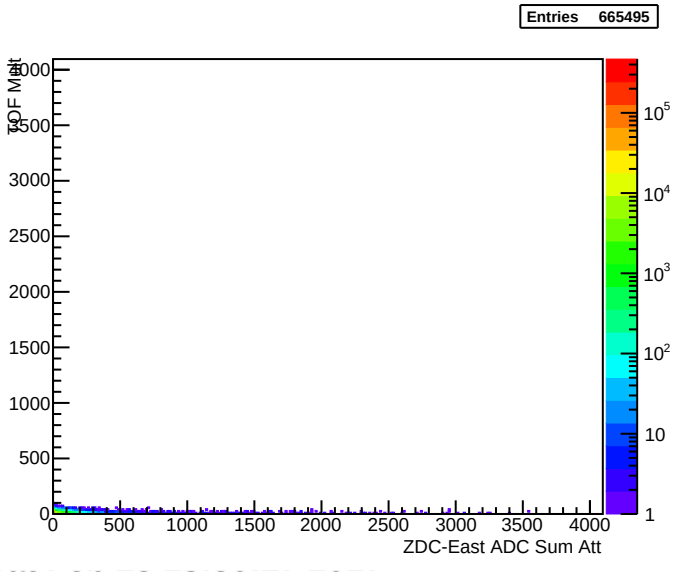


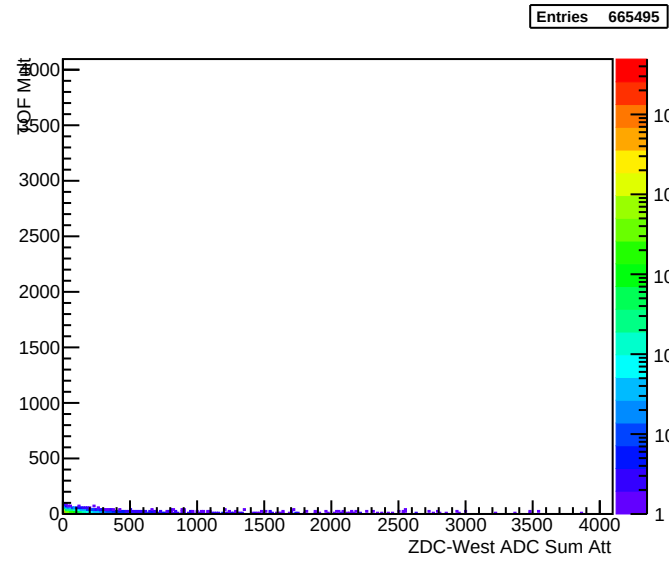

Entries 665495
TOF Mult
BBC-S-East ADC Sum

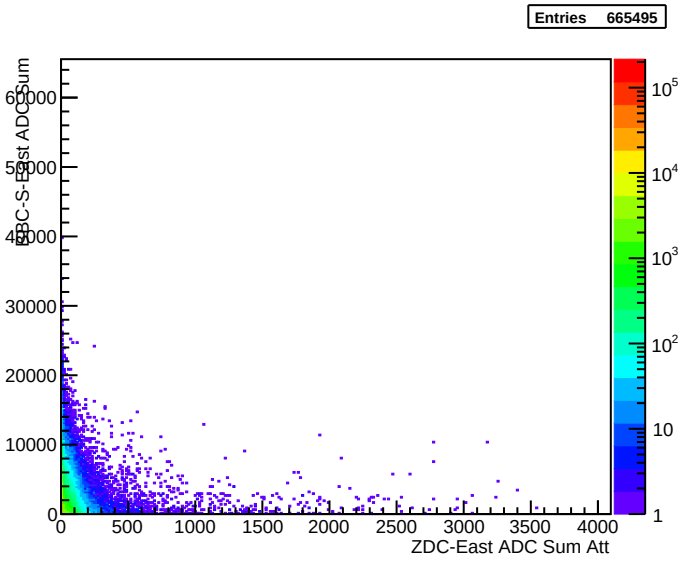

Entries 665495
TOF Mult
BBC-S-West ADC Sum

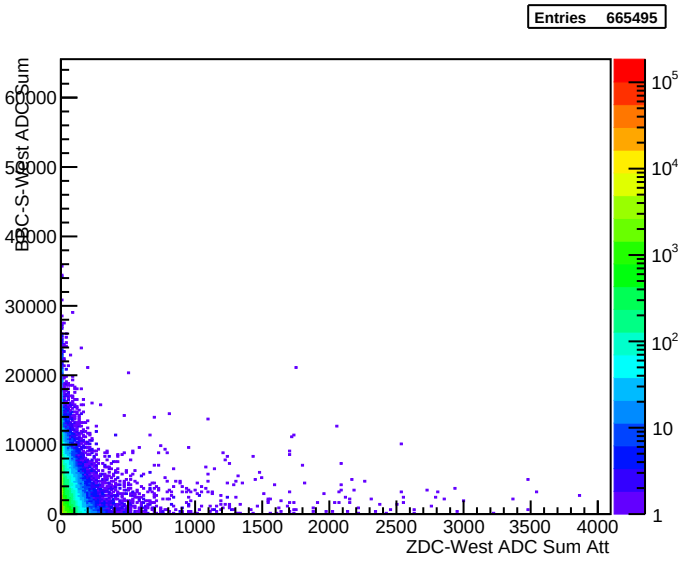

Entries 665495
TOF Mult
VPD-East ADC Sum

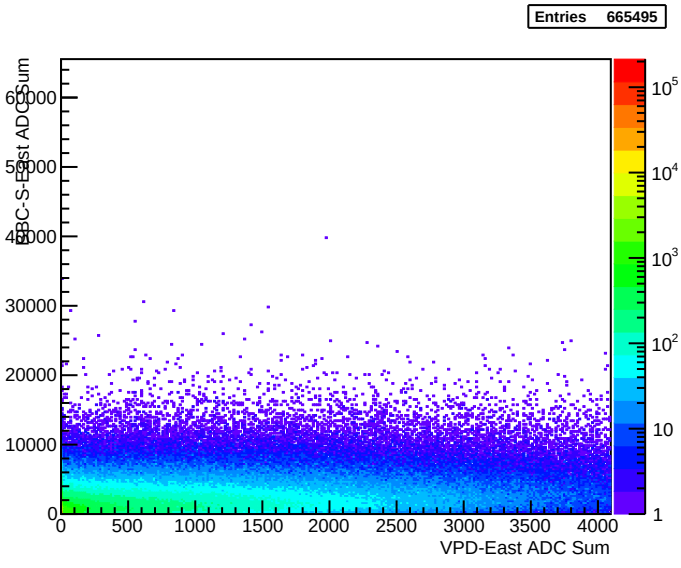

Entries 665495
TOF Mult
VPD-West ADC Sum

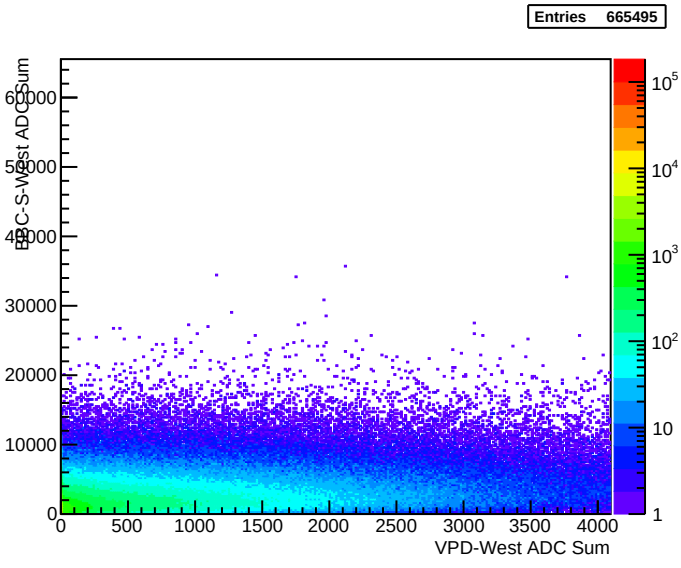

Entries 665495
TOF Mult
ZDC-East ADC Sum Att

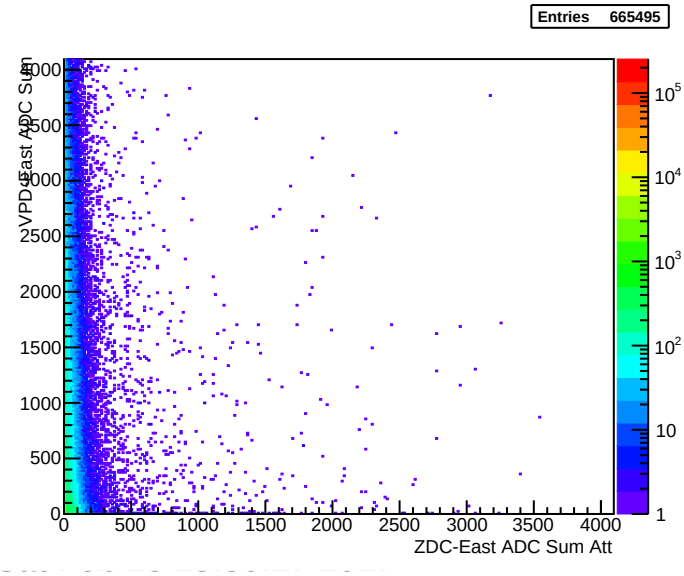

Entries 665495
TOF Mult
ZDC-West ADC Sum Att

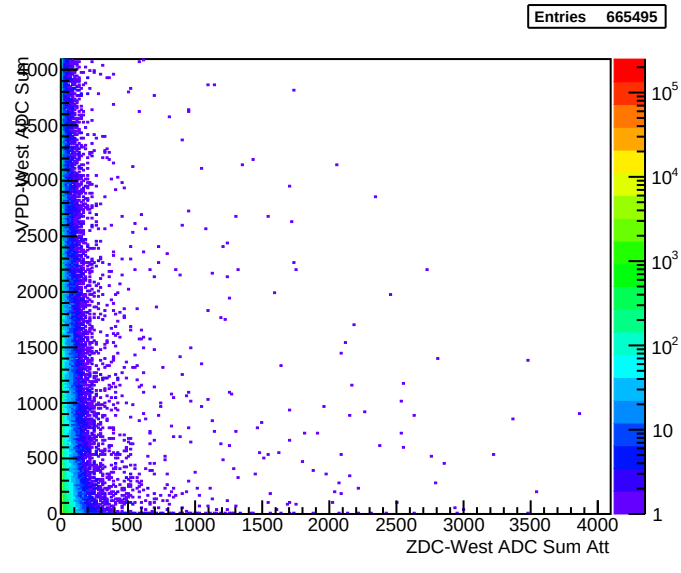

Entries 665495
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

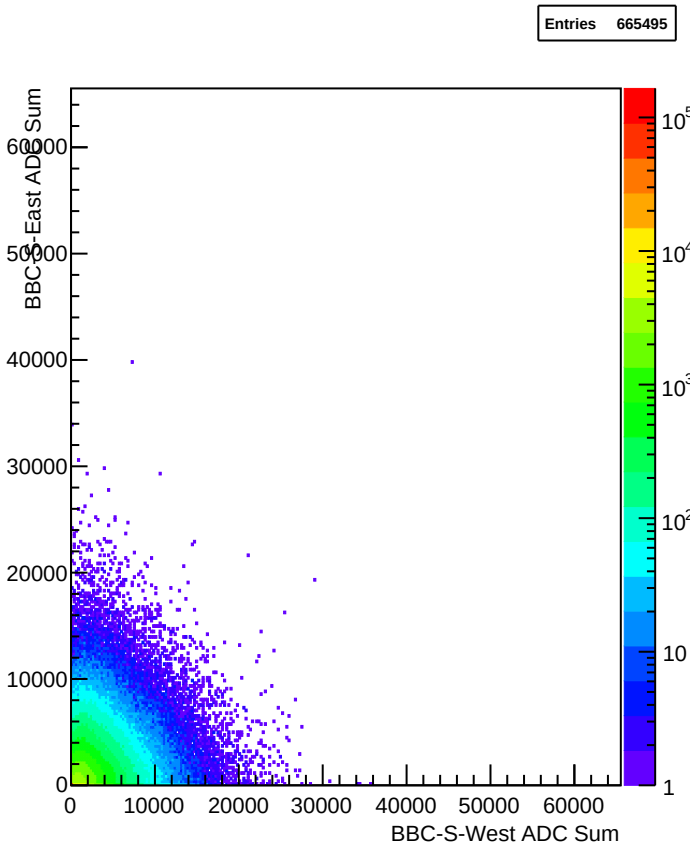

Entries 665495
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

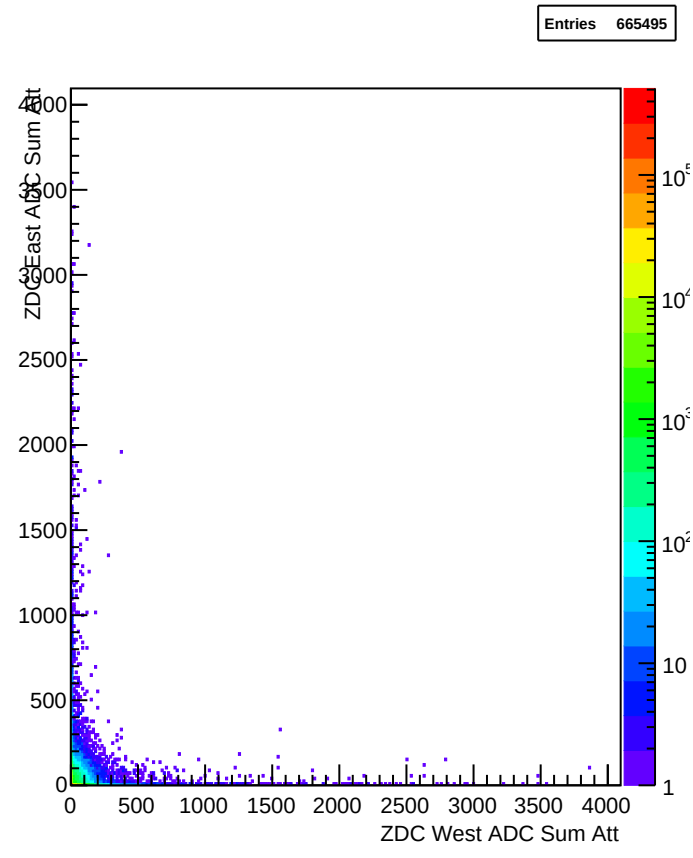

Entries 665495
BBC-S-East ADC Sum
VPD-East ADC Sum

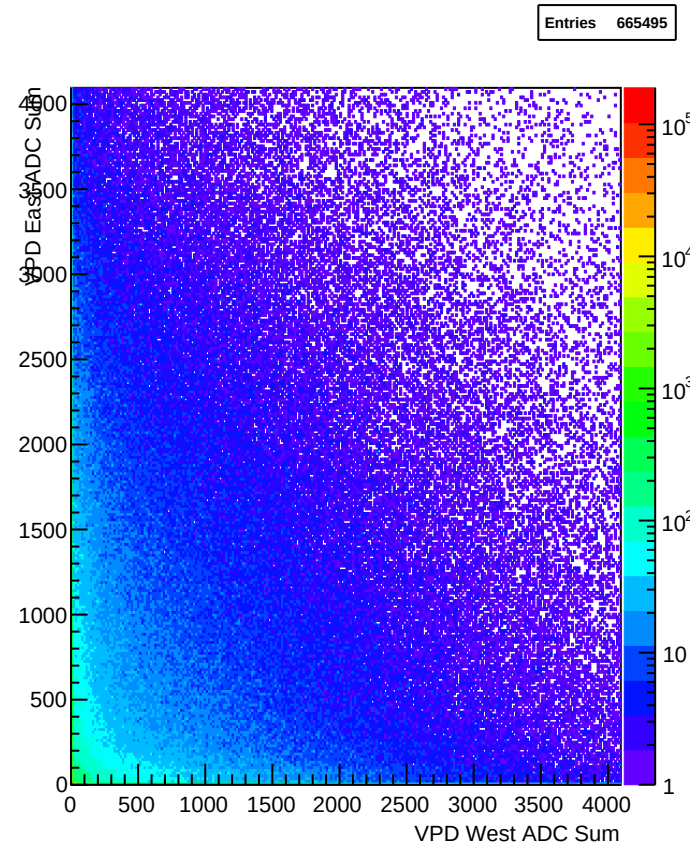

Entries 665495
BBC-S-West ADC Sum
VPD-West ADC Sum

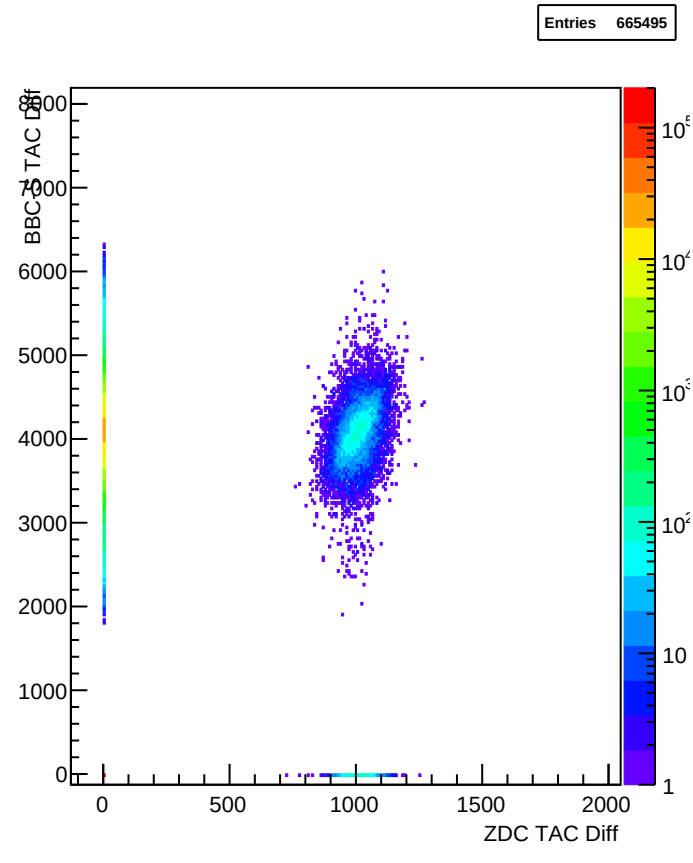

Entries 665495
VPD-East ADC Sum
ZDC-East ADC Sum Att

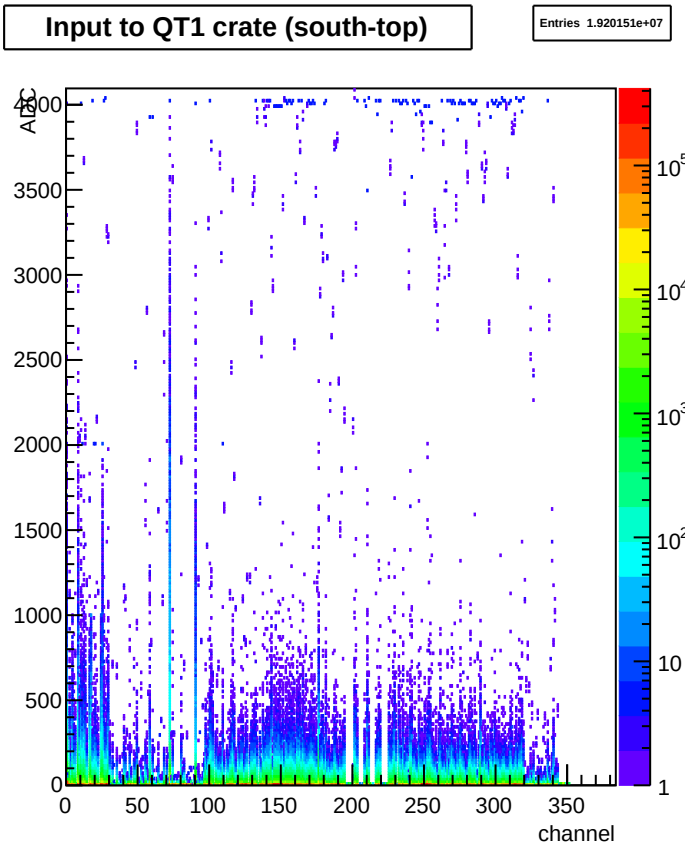

Entries 665495
VPD-West ADC Sum
ZDC-West ADC Sum Att

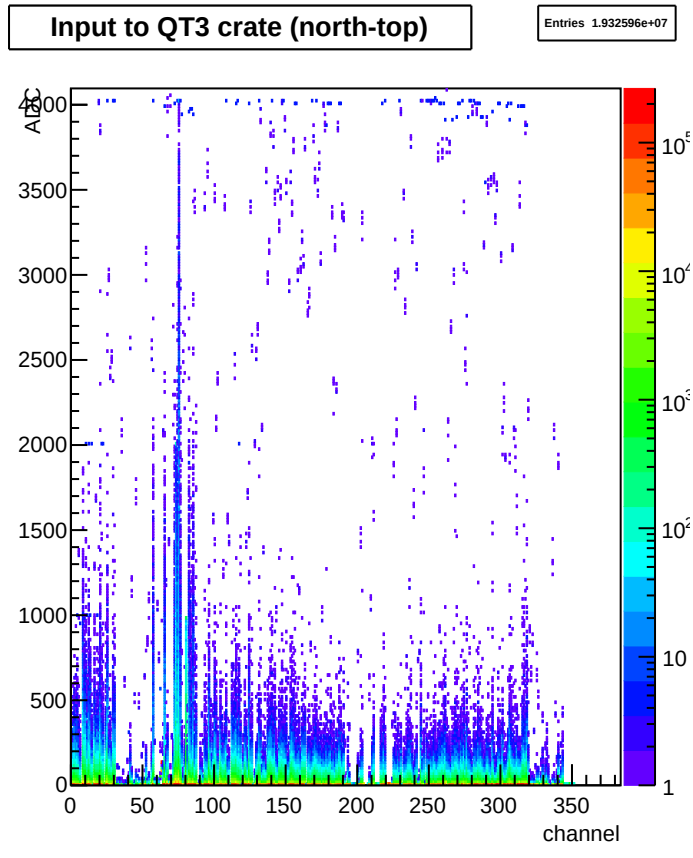

Entries 665495
BBC-S-East ADC Sum
BBC-S-West ADC Sum

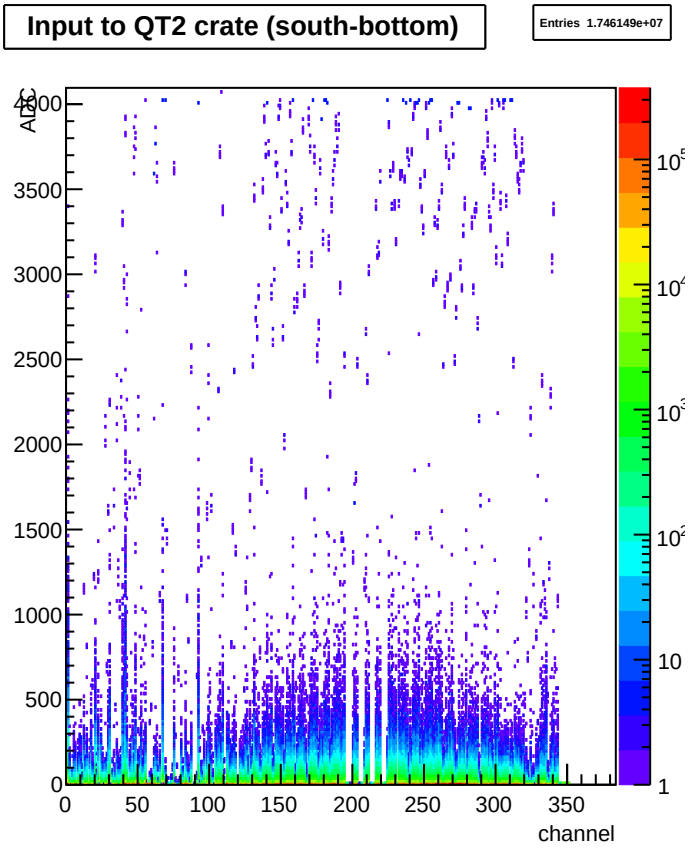

Entries 665495
ZDC East ADC Sum Att
ZDC West ADC Sum Att

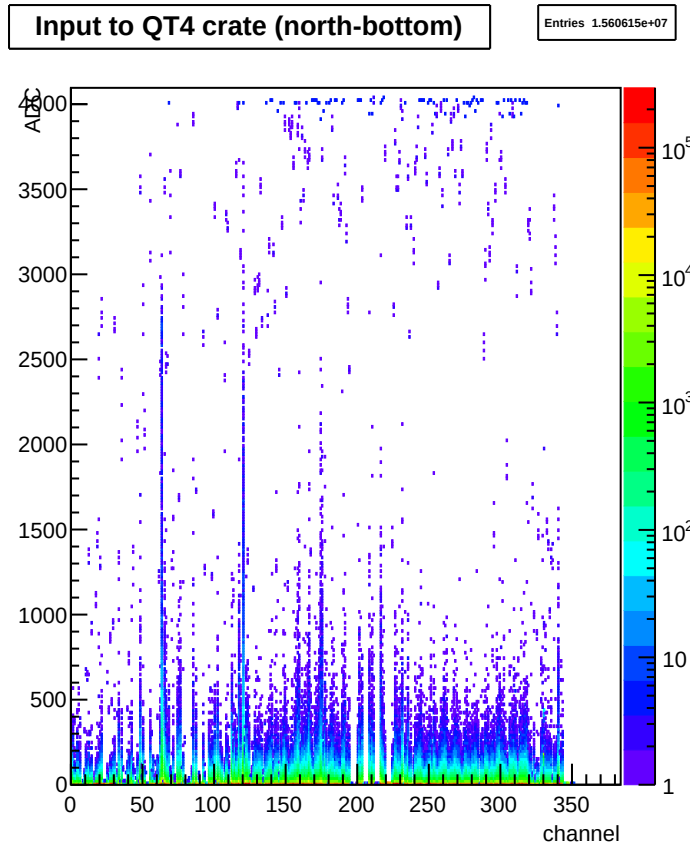

Entries 665495
VPD East ADC Sum
VPD West ADC Sum

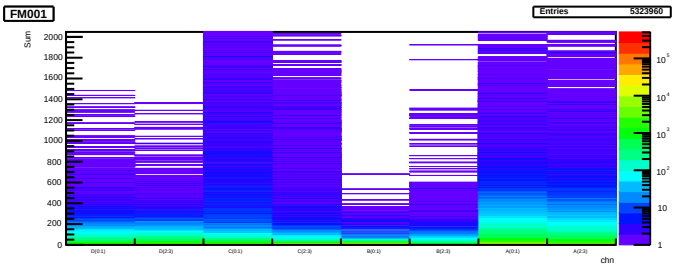

Entries 665495
BBC-S TAC Diff
ZDC TAC Diff

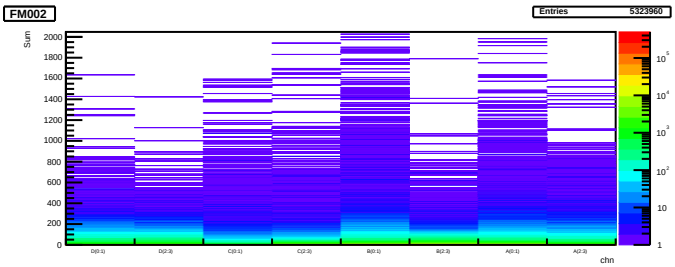

Input to QT1 crate (south-top)
Entries 1.920151e+07
ADC
channel

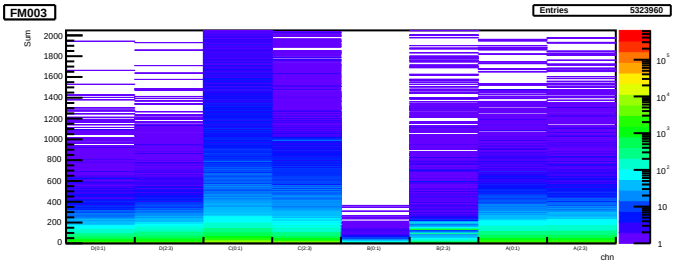

Input to QT3 crate (north-top)
Entries 1.932596e+07
ADC
channel

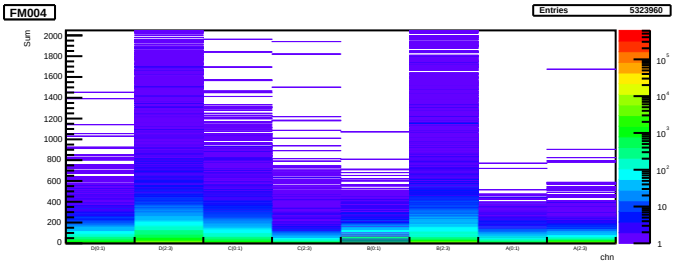

Input to QT2 crate (south-bottom)
Entries 1.746149e+07
ADC
channel

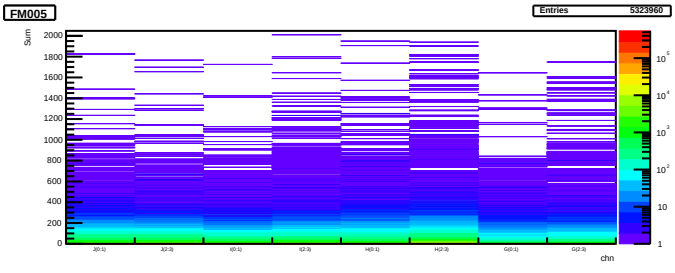

Input to QT4 crate (north-bottom)
Entries 1.560615e+07
ADC
channel

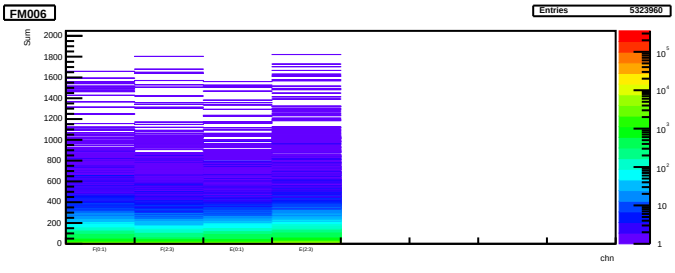

FM001
Entries 5323960
Sum
chn

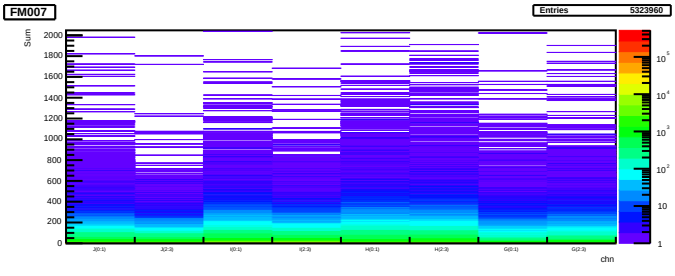

FM002
Entries 5323960
Sum
chn

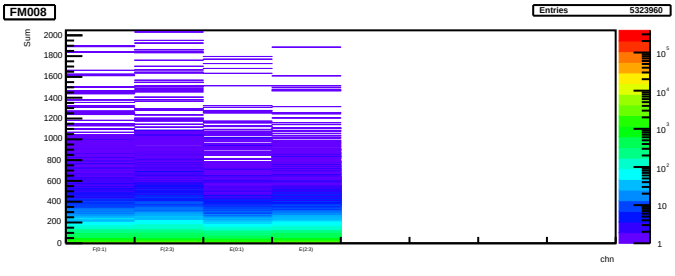

FM003
Entries 5323960
Sum
chn

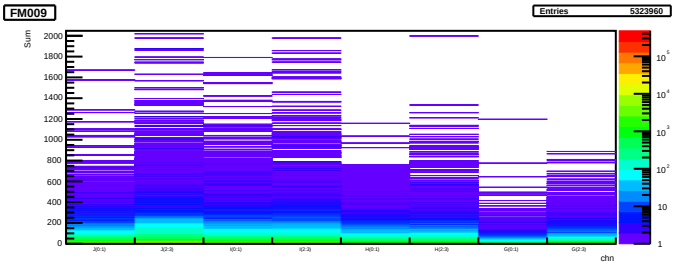

FM004
Entries 5323960
Sum
chn

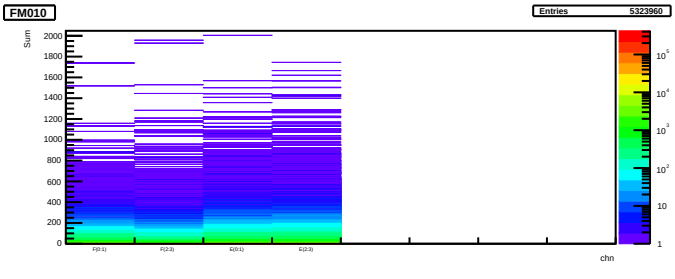

FM005
Entries 5323960
Sum
chn

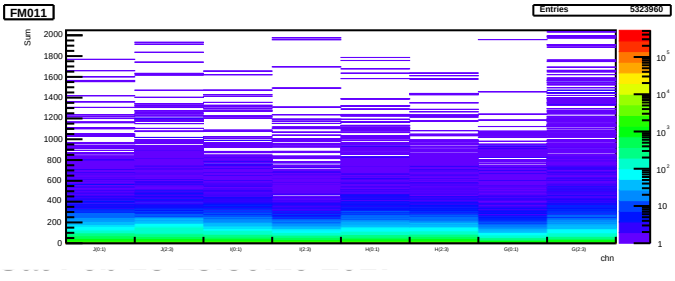

FM006
Entries 5323960
Sum
chn

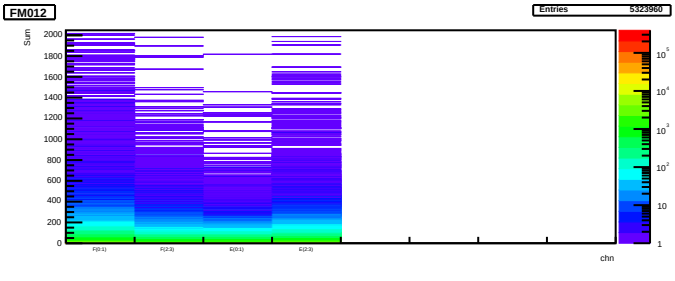

FM007
Entries 5323960
Sum
chn

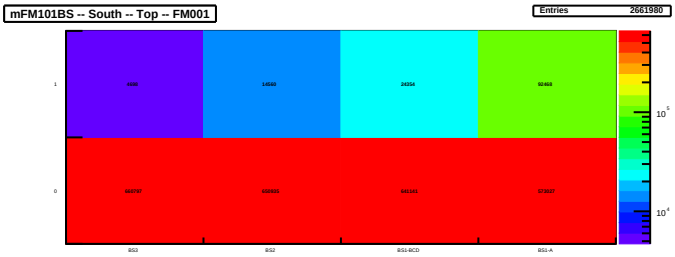

FM008
Entries 5323960
Sum
chn

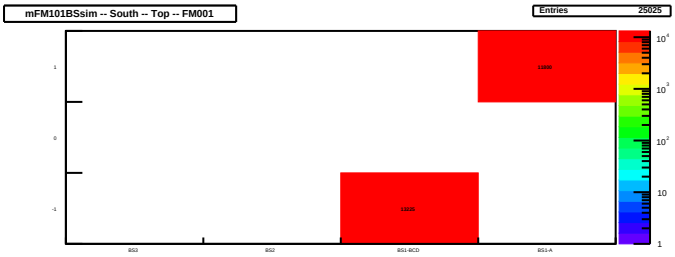

FM009
Entries 5323960
Sum
chn

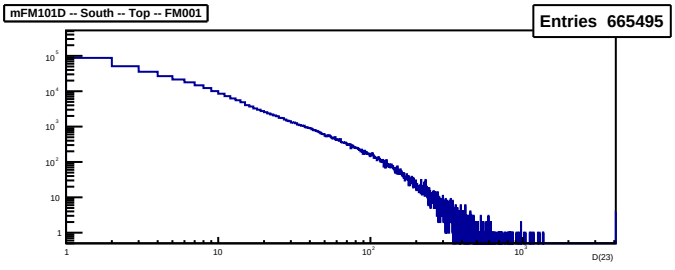

FM010
Entries 5323960
Sum
chn

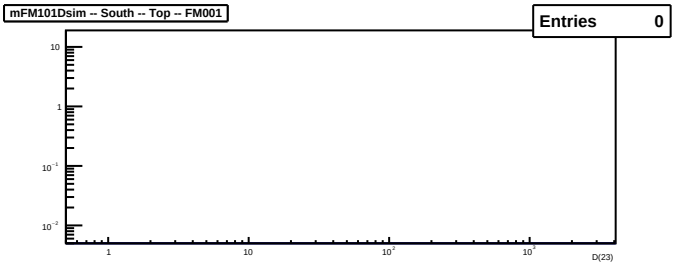

FM011
Entries 5323960
Sum
chn

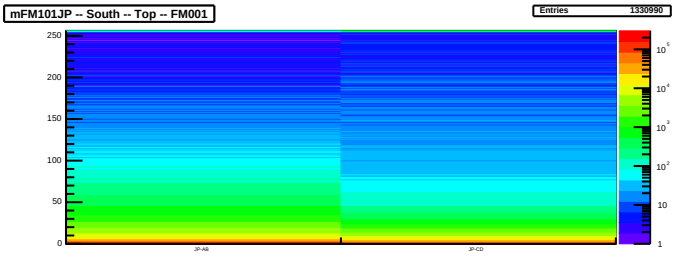

FM012
Entries 5323960
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 2661980
4105
14540
24354
92468
666797
656935
661141
573027
BS3
BS2
BS1-BCD
BS1-A

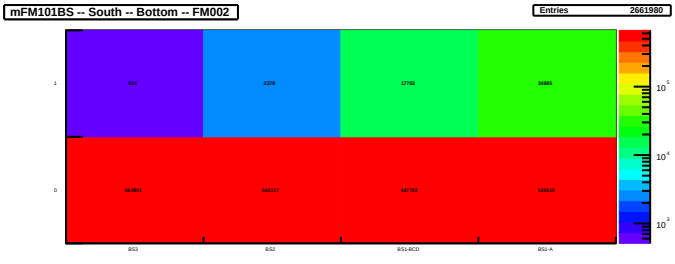

mFM101BSsim -- South -- Top -- FM001
Entries 25025
13600
13225
BS3
BS2
BS1-BCD
BS1-A

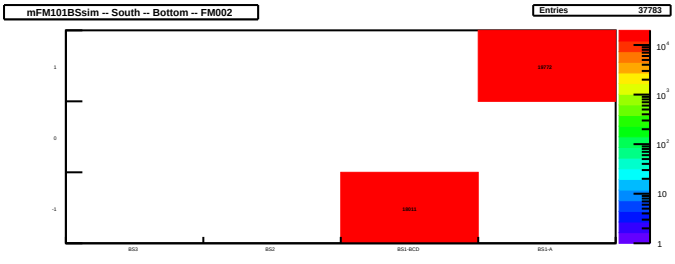

mFM101D -- South -- Top -- FM001
Entries 665495
D(23)

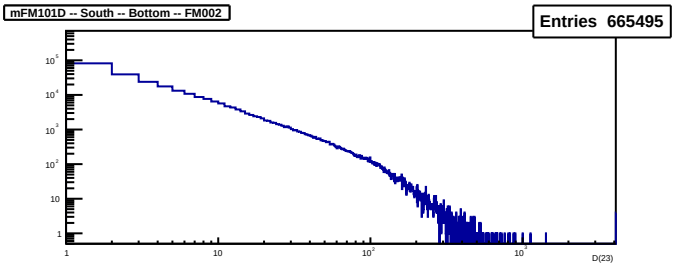

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 1330990
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 2661980
514
3378
17782
34885
664981
663117
647792
620610
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Bottom -- FM002
Entries 37783
18772
18011
BS3
BS2
BS1-BCD
BS1-A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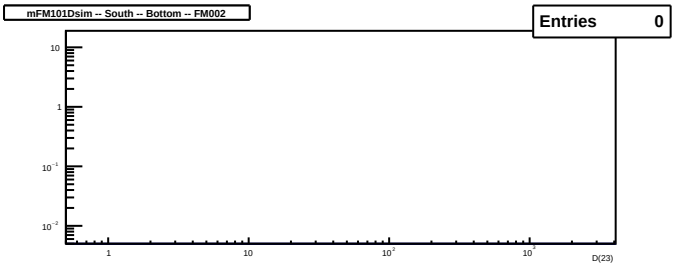
Entries 665495
D(23)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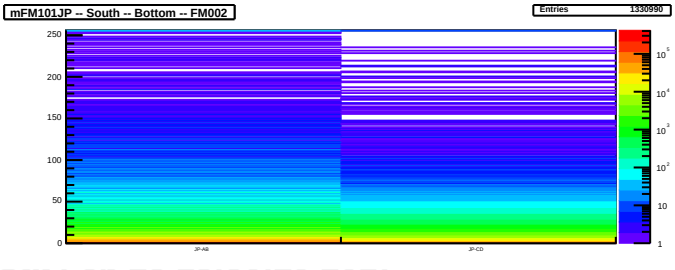
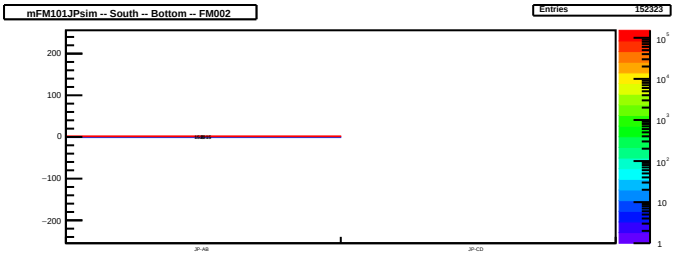
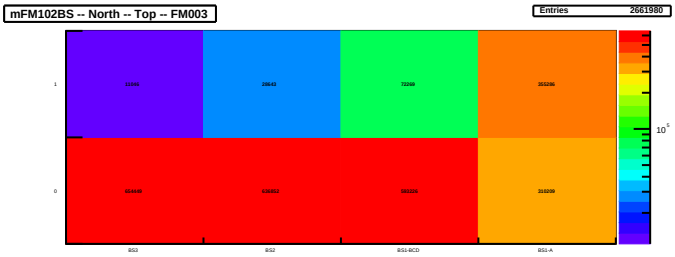
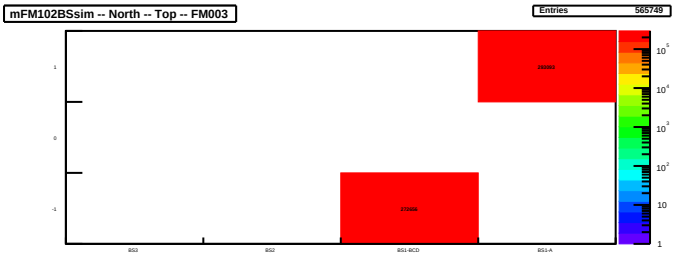
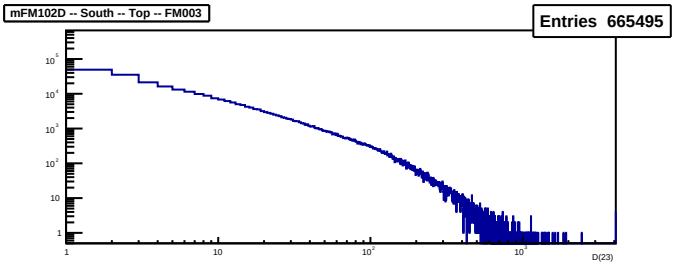
Entries 0
D(23)

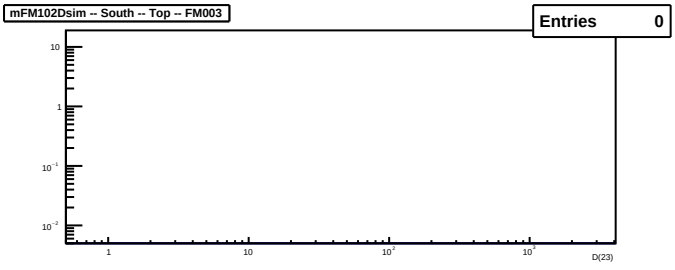

mFM101JP -- South -- Bottom -- FM002
Entries 1330990
JP-AB
JP-CD

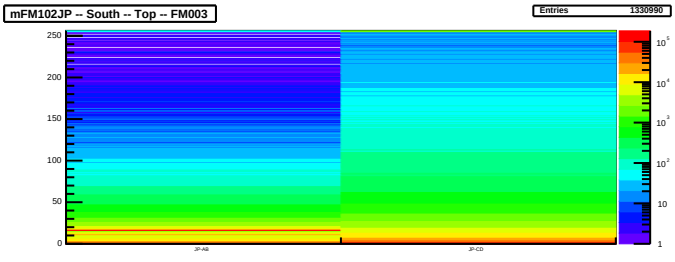

mFM101JPsim -- South -- Bottom -- FM002
Entries 152323
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 2661980

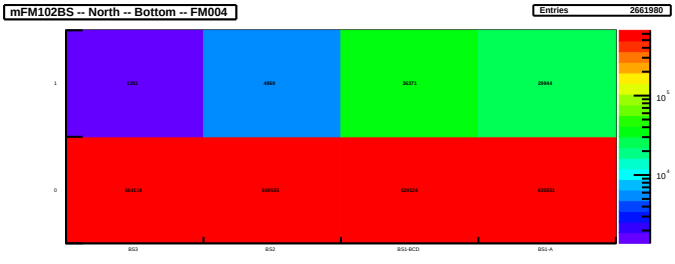

mFM102BSsim -- North -- Top -- FM003
Entries 565749

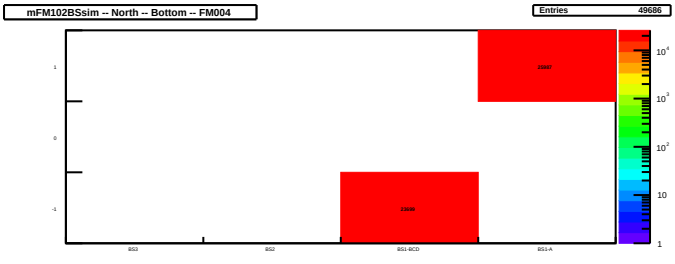

mFM102D -- South -- Top -- FM003
Entries 665495
D(23)

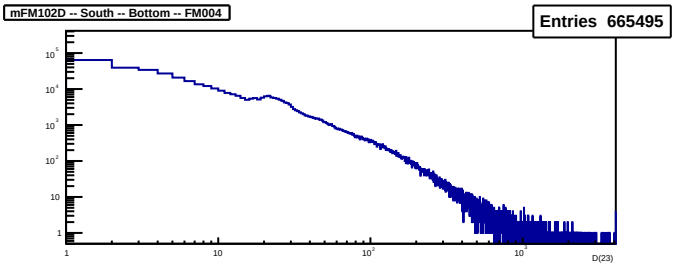

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

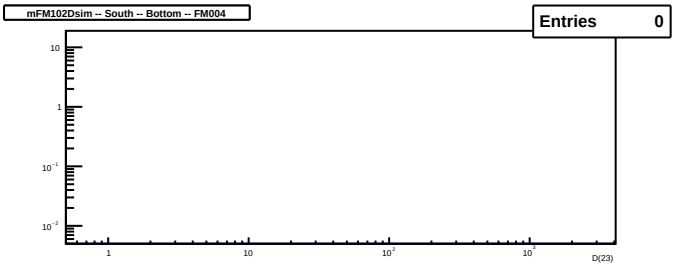

mFM102JP -- South -- Top -- FM003
Entries 1330990

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


mFM102BS -- North -- Bottom -- FM004
Entries 2661980


mFM102BSsim -- North -- Bottom -- FM004
Entries 49686


mFM102D -- South -- Bottom -- FM004
Entries 665495
D(23)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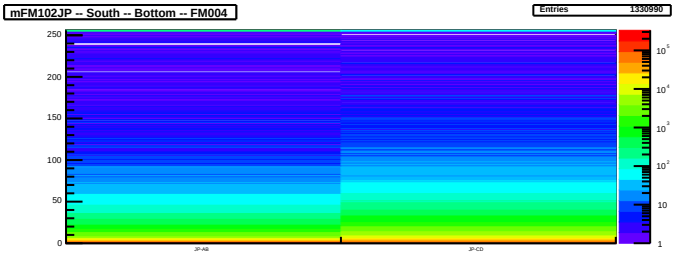
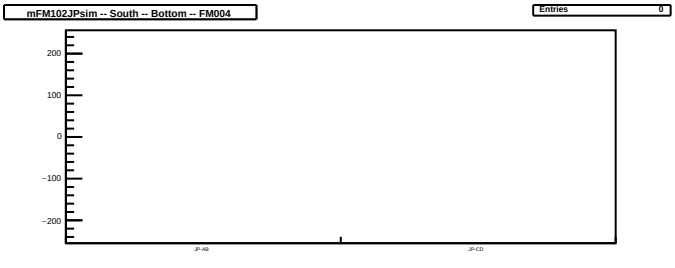
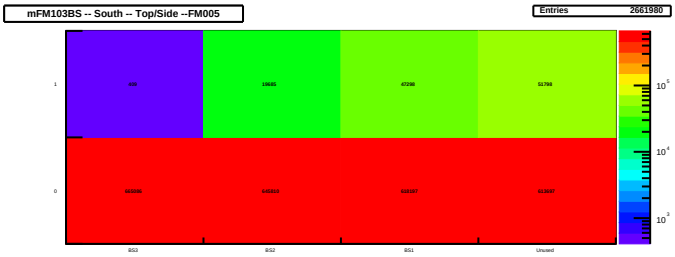
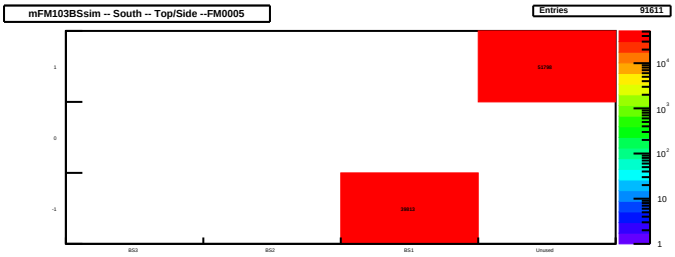
Entries 0
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 1330990


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


mFM103BS -- South -- Top/Side --FM005
Entries 2661980
BS3
BS2
BS1
Unused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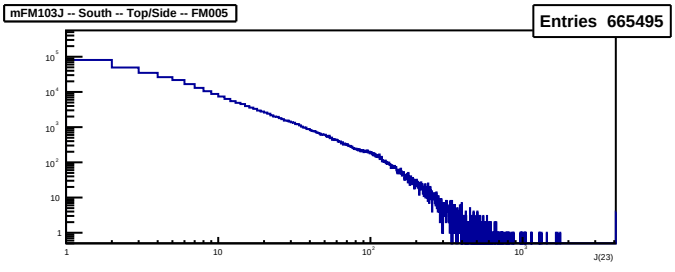
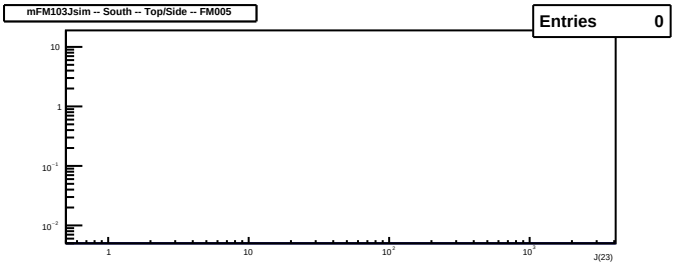
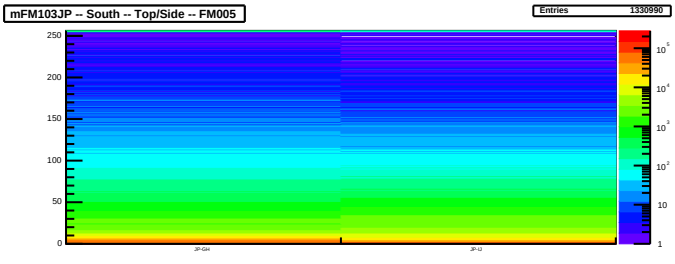
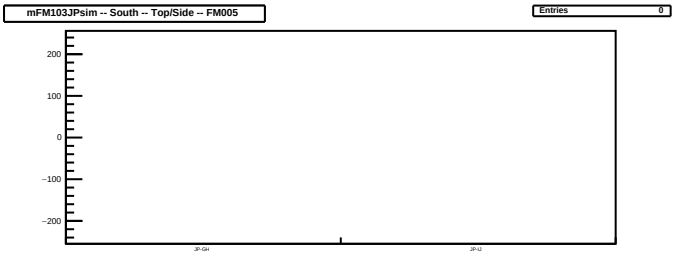
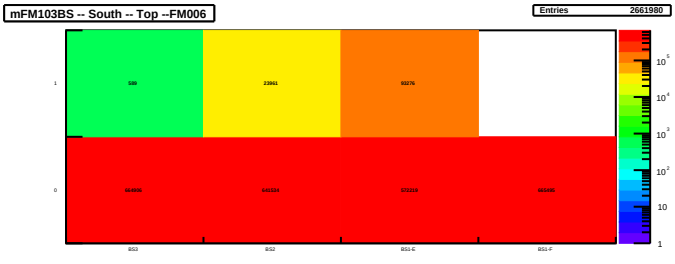
Entries 91611
BS3
BS2
BS1
Unused

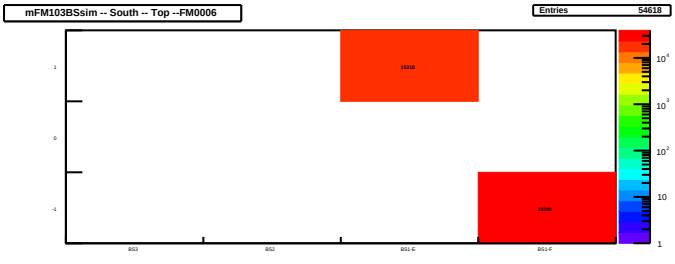

mFM103J -- South -- Top/Side -- FM005
Entries 665495
J(23)

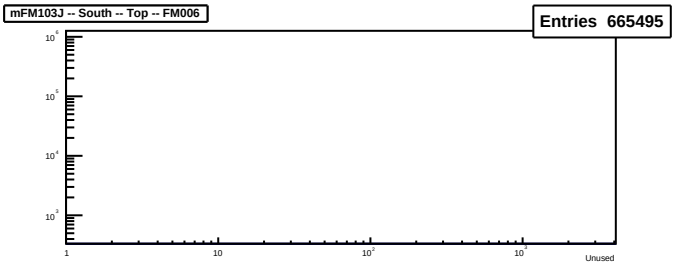

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

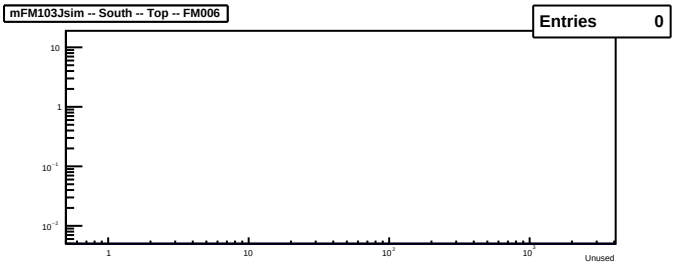

mFM103JP -- South -- Top/Side -- FM005
Entries 1330990
JP-GH
JP-IJ

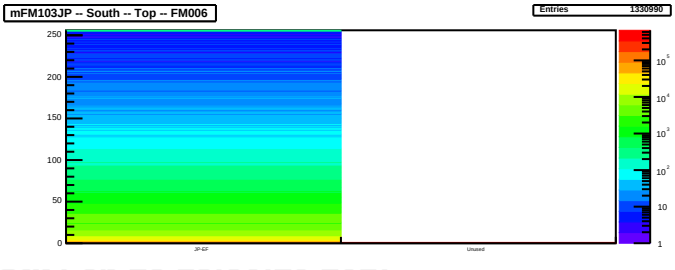

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ

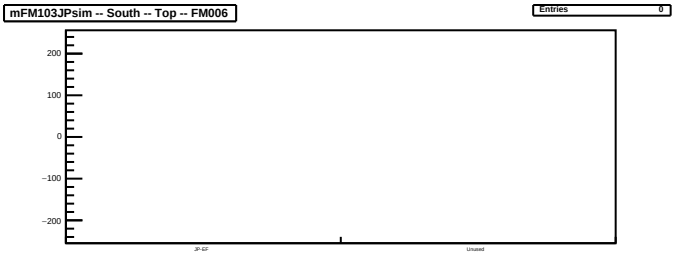

mFM103BS -- South -- Top --FM006
Entries 2661980
BS3
BS2
BS1-E
BS1-F

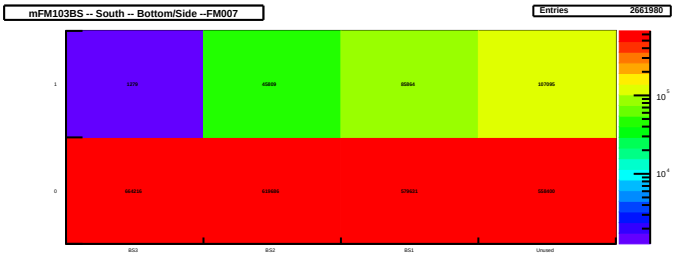

mFM103BSsim -- South -- Top --FM0006
Entries 54618
BS3
BS2
BS1-E
BS1-F

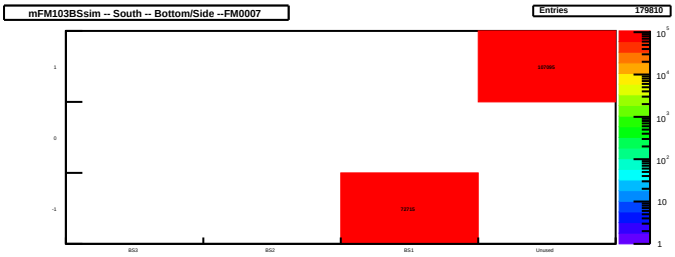

mFM103J -- South -- Top -- FM006
Entries 665495
Unused

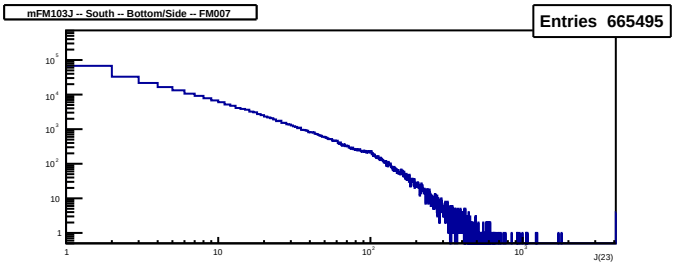

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

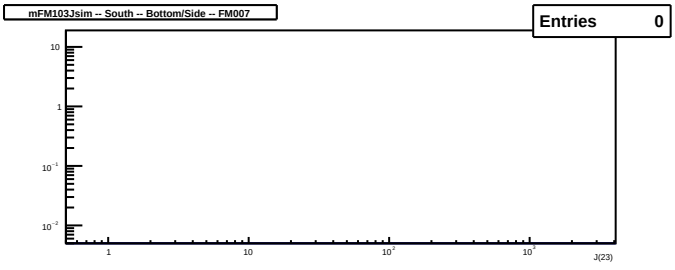

mFM103JP -- South -- Top -- FM006
Entries 1330990
JP-EF
Unused


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


mFM103BS -- South -- Bottom/Side --FM007
Entries 2661980
1170
458839
950864
1670995
664216
619484
579631
556600
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 179810
1670995
72715
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 665495
J(23)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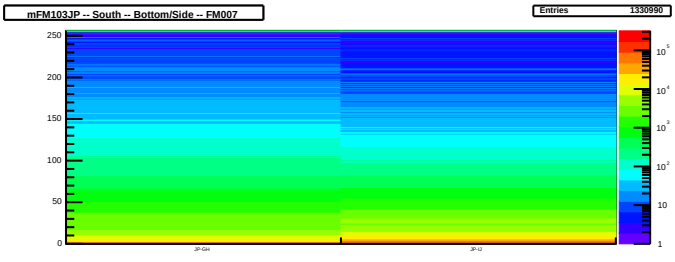
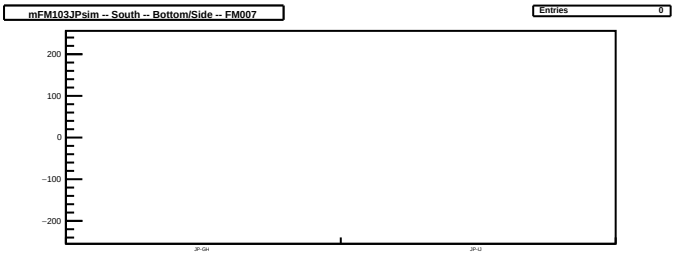
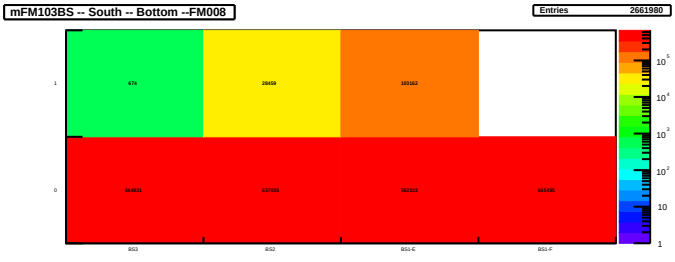
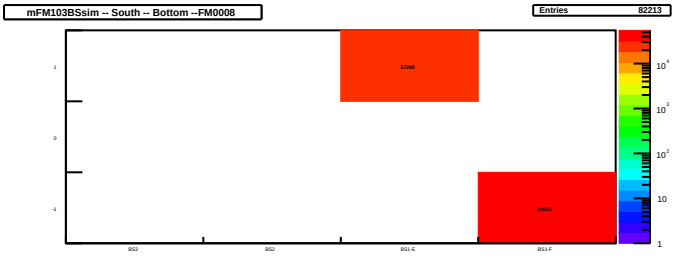
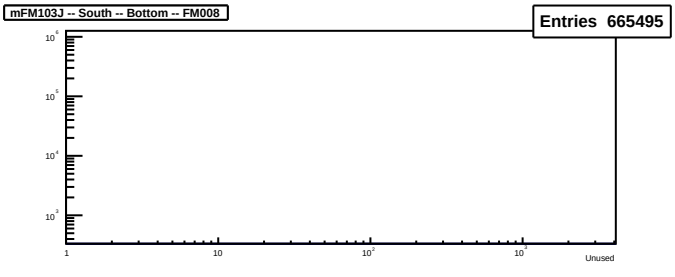
Entries 0
J(23)

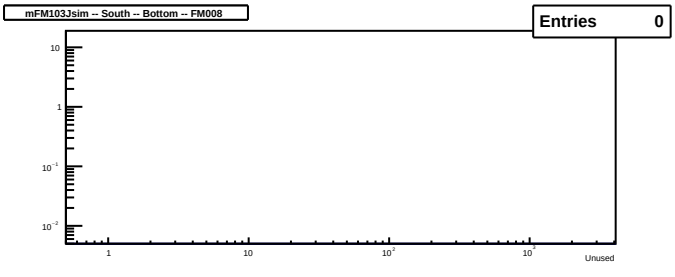

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1330990
JP-GH
JP-IJ


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


mFM103BS -- South -- Bottom --FM008
Entries 2661980
676
28459
183162
664821
637034
582333
665495
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 82213
27266
54953
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 665495
Unused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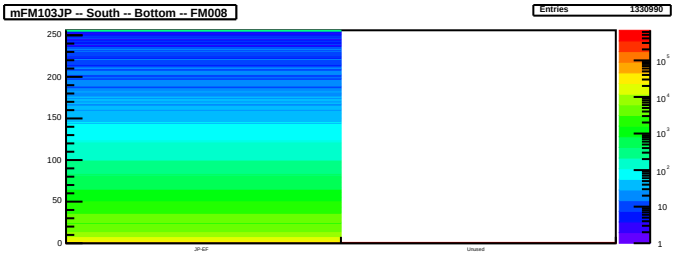
Entries 0
Unused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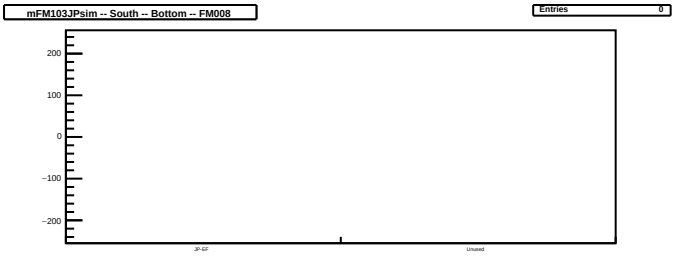
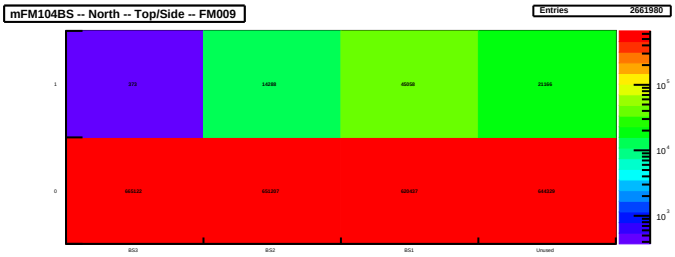
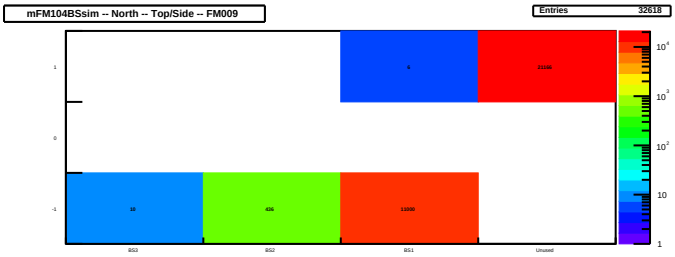
Entries 1330990
JP-EF
Unused


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


mFM104BS -- North -- Top/Side -- FM009
Entries 2661980
BS3
BS2
BS1
Unused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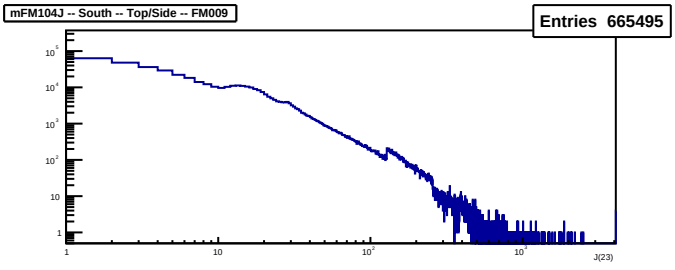
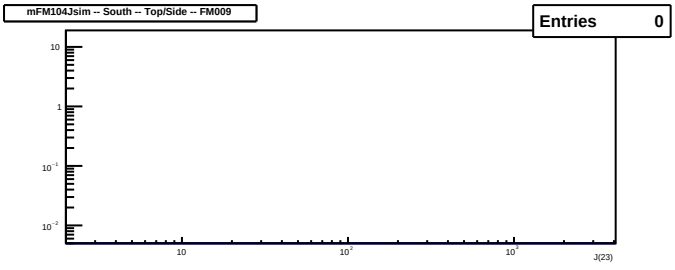
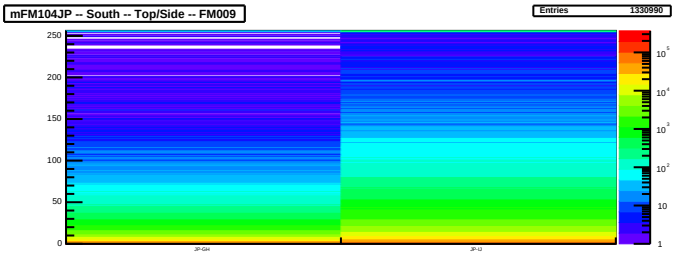
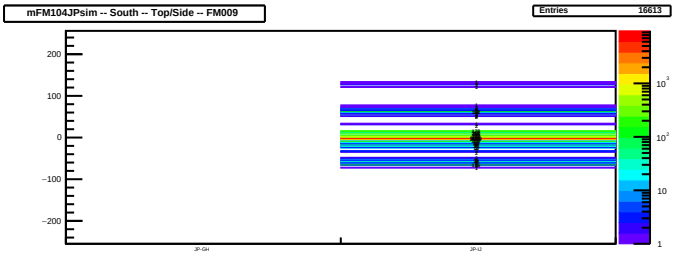
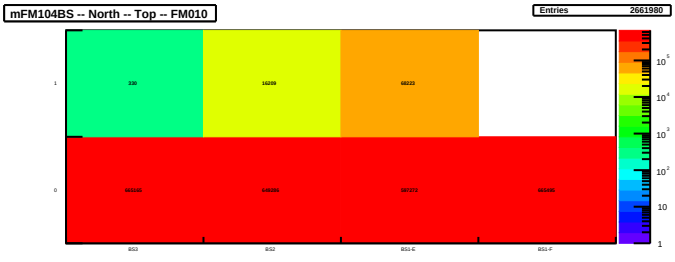
Entries 32618
BS3
BS2
BS1
Unused

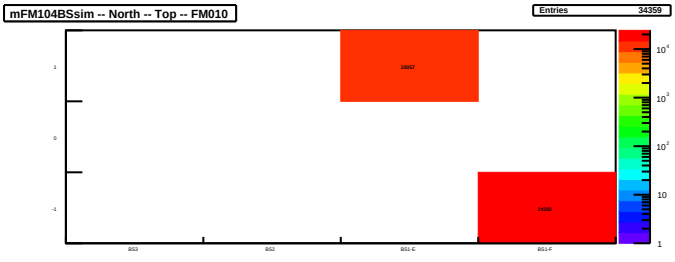

mFM104J -- South -- Top/Side -- FM009
Entries 665495
J(23)

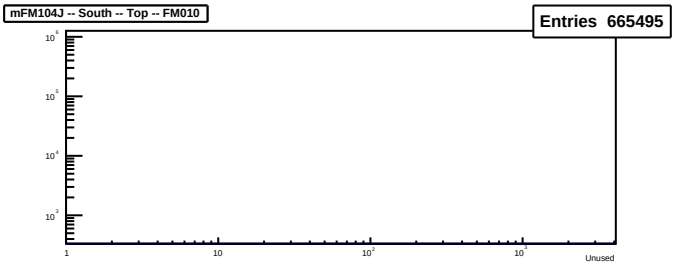

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

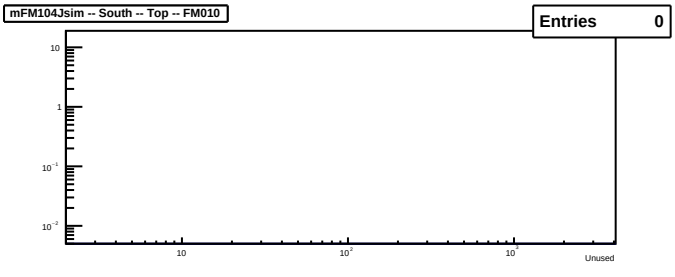

mFM104JP -- South -- Top/Side -- FM009
Entries 1330990
JP-GH
JP-IJ

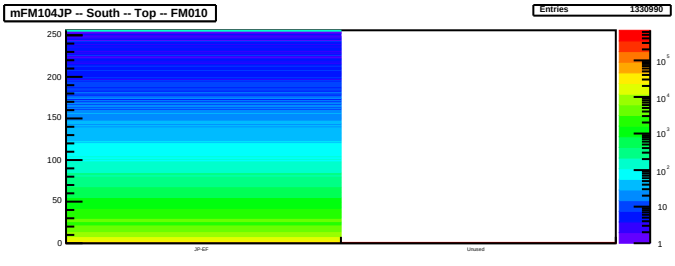

mFM104JPsim -- South -- Top/Side -- FM009
Entries 16613
JP-GH
JP-IJ

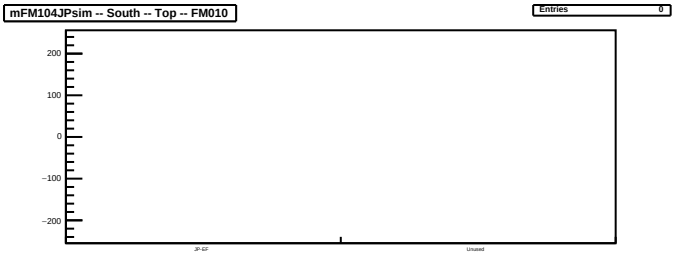

mFM104BS -- North -- Top -- FM010
Entries 2661980
BS3
BS2
BS1-E
BS1-F

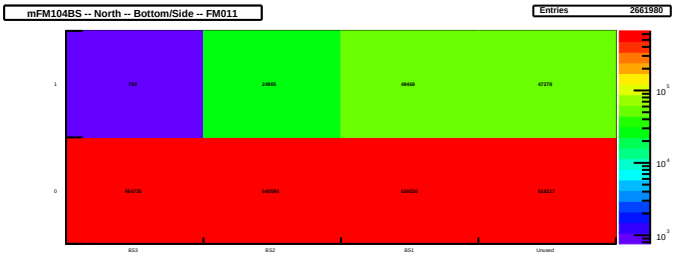

mFM104BSsim -- North -- Top -- FM010
Entries 34359
BS3
BS2
BS1-E
BS1-F

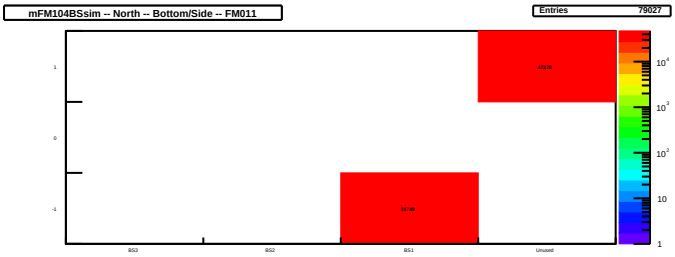

mFM104J -- South -- Top -- FM010
Entries 665495
Unused

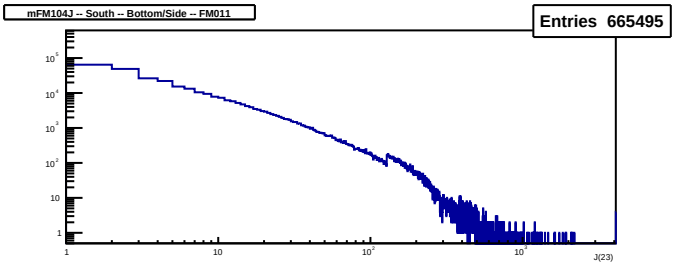

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

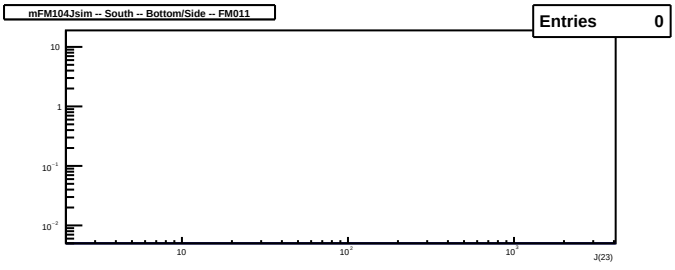

mFM104JP -- South -- Top -- FM010
Entries 1330990
JP-EF
Unused

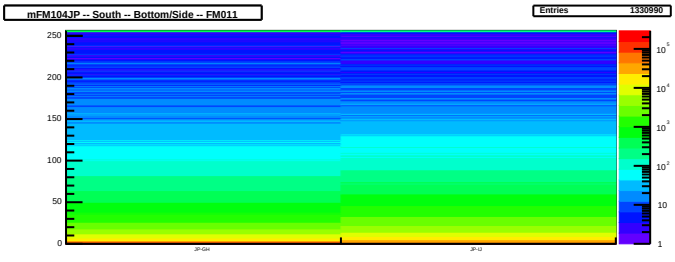

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

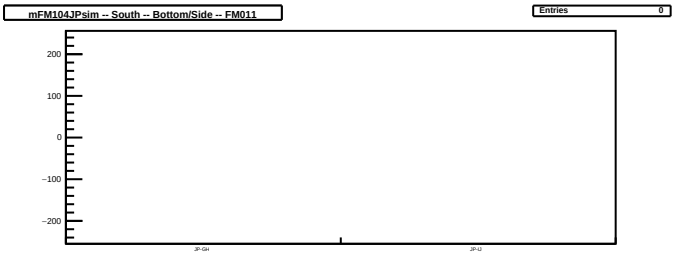

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2661980
760
24865
49449
47278
664735
645590
616024
618217
BS3
BS2
BS1
Unused

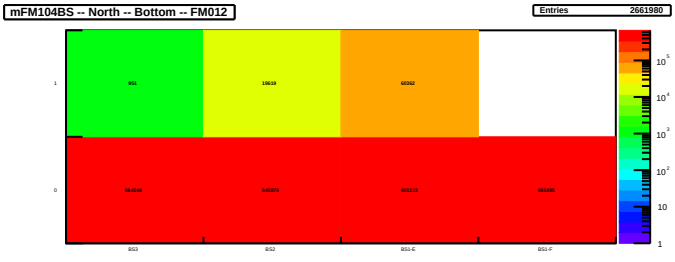

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 79027
47278
31749
BS3
BS2
BS1
Unused

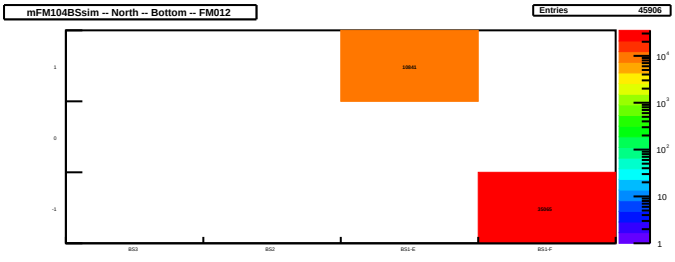

mFM104J -- South -- Bottom/Side -- FM011
Entries 665495
J(23)

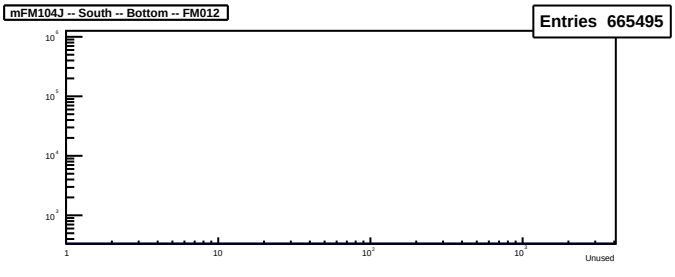

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

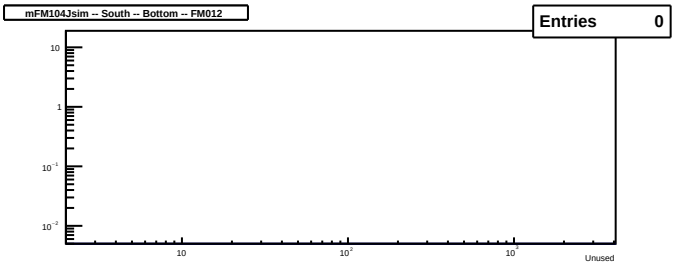

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1330990
JP-GH
JP-IJ

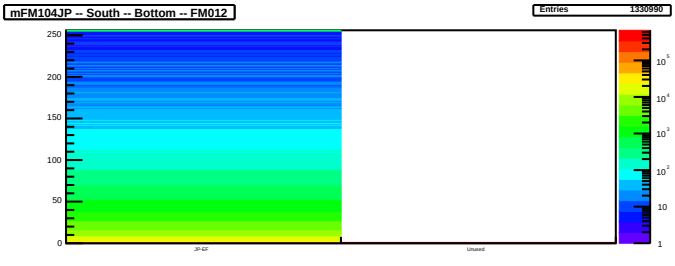

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ


mFM104BS -- North -- Bottom -- FM012
Entries 2661980
951
19619
63362
664546
645874
635133
665495
BS3
BS2
BS1-E
BS1-F

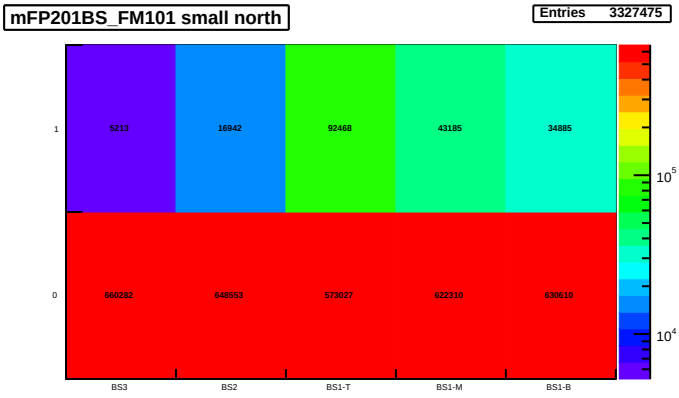

mFM104BSsim -- North -- Bottom -- FM012
Entries 45906
10841
35065
BS3
BS2
BS1-E
BS1-F

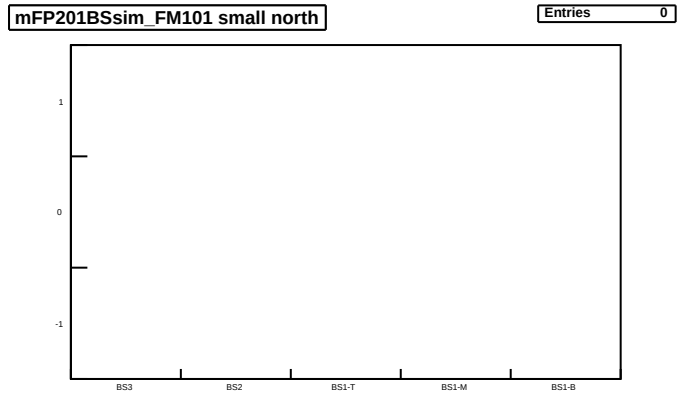

mFM104J -- South -- Bottom -- FM012
Entries 665495
Unused

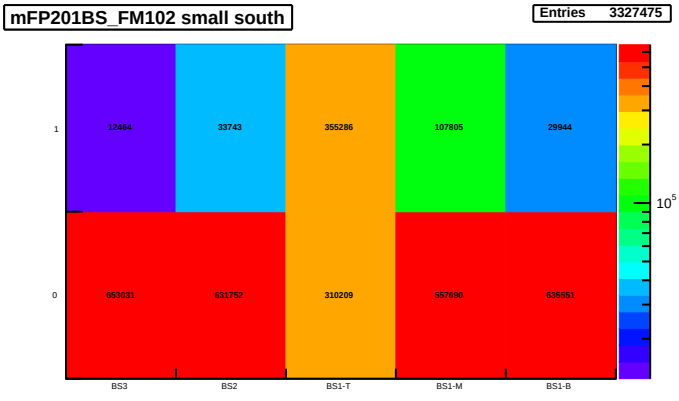

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

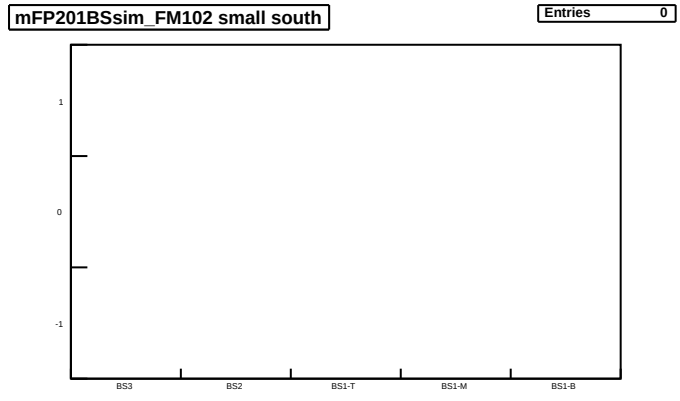

mFM104JP -- South -- Bottom -- FM012
Entries 1330990
JP-EF
Unused

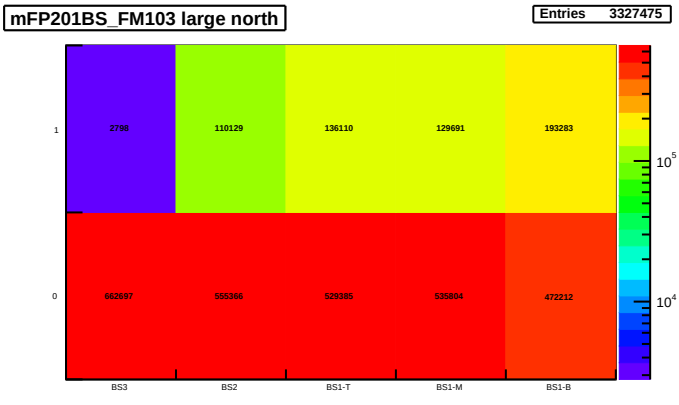
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

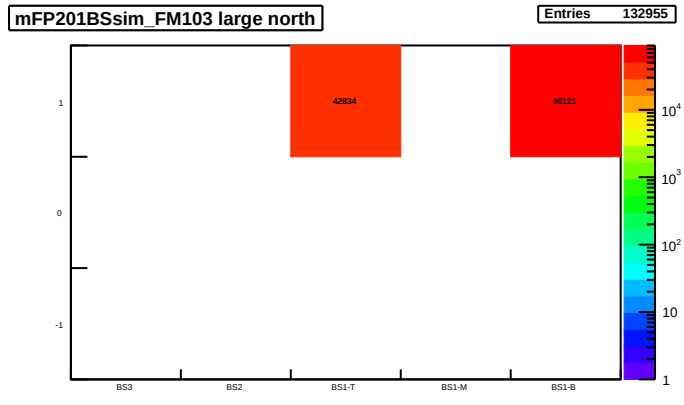

mFP201BS_FM101 small north
Entries 3327475
5213
16942
92468
43185
34885
660282
648553
573027
622310
630610
BS3
BS2
BS1-T
BS1-M
BS1-B

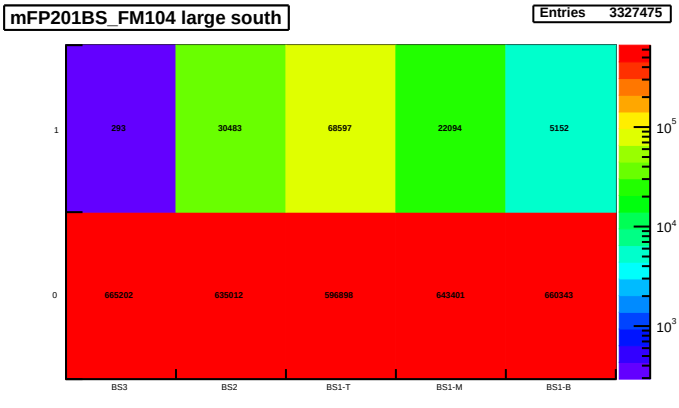

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

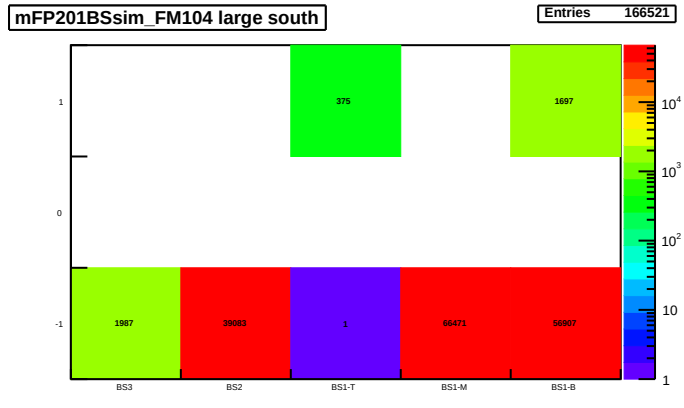

mFP201BS_FM102 small south
Entries 3327475
12464
33743
355286
107805
29944
653031
631752
310209
557690
635551
BS3
BS2
BS1-T
BS1-M
BS1-B

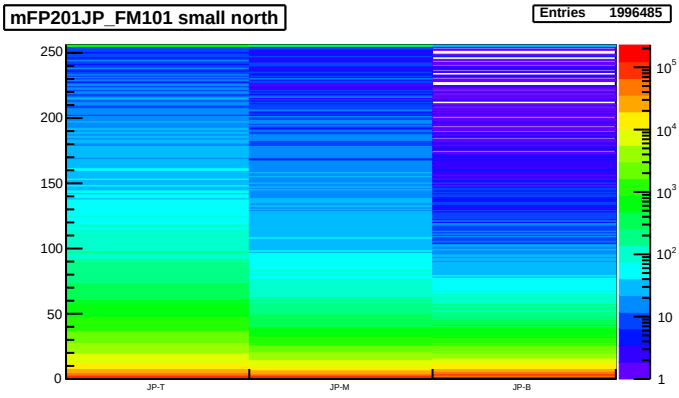

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

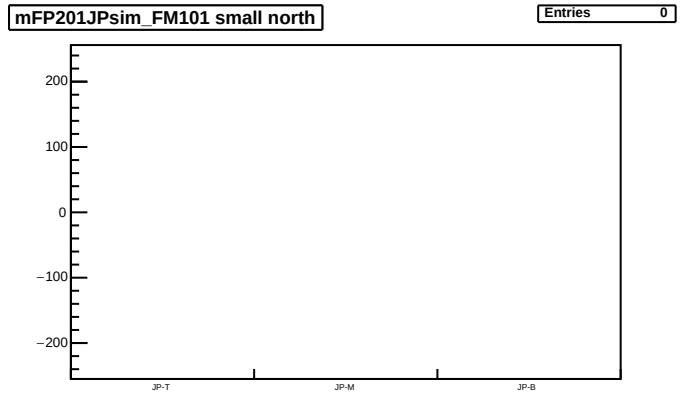

mFP201BS_FM103 large north
Entries 3327475
2798
110129
136110
129691
193283
662697
555366
529385
535804
472212
BS3
BS2
BS1-T
BS1-M
BS1-B

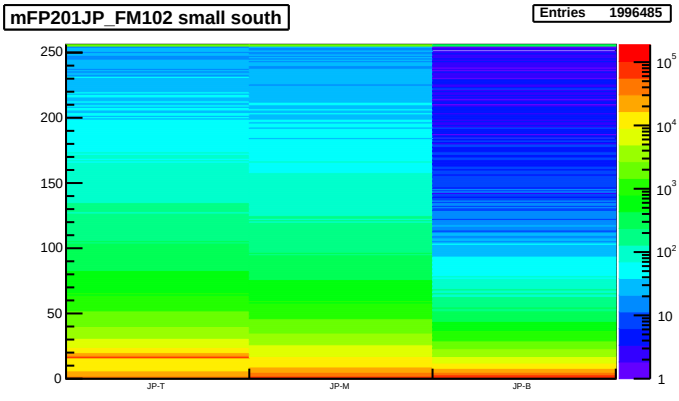

mFP201BSsim_FM103 large north
Entries 132955
42834
90121
BS3
BS2
BS1-T
BS1-M
BS1-B

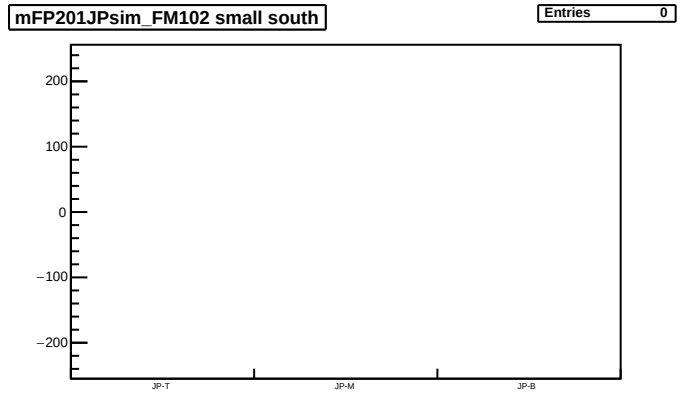

mFP201BS_FM104 large south
Entries 3327475
293
30483
68597
22094
5152
665202
635012
596898
643401
660343
BS3
BS2
BS1-T
BS1-M
BS1-B

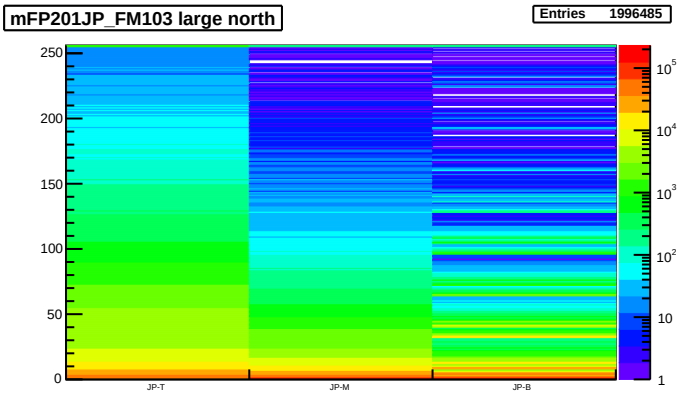

mFP201BSsim_FM104 large south
Entries 166521
375
1697
1987
39083
1
66471
56907
BS3
BS2
BS1-T
BS1-M
BS1-B

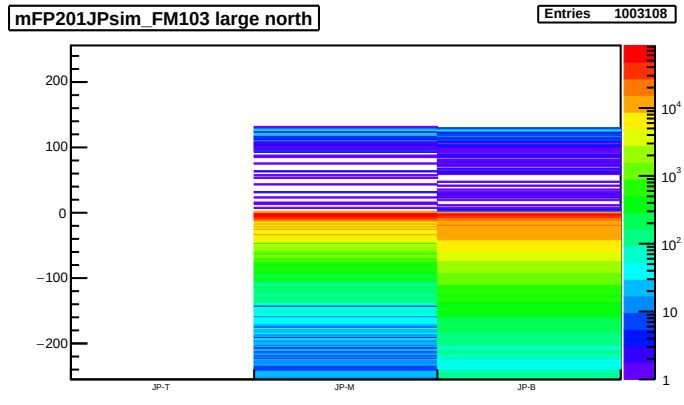

mFP201JP_FM101 small north
Entries 1996485
JP-T
JP-M
JP-B

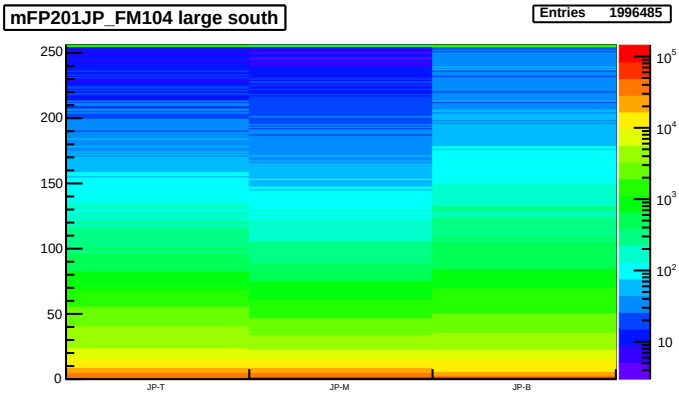

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

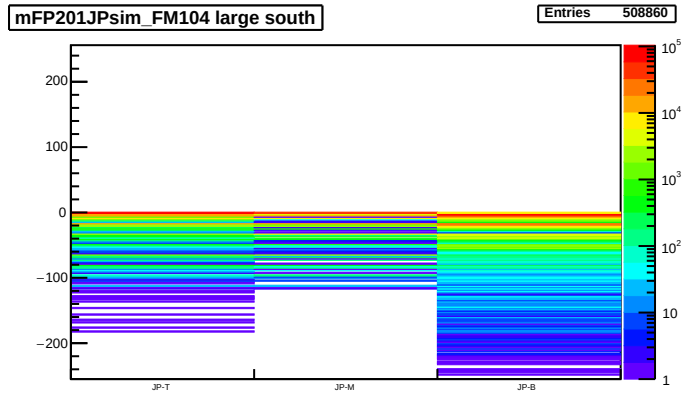

mFP201JP_FM102 small south
Entries 1996485
JP-T
JP-M
JP-B

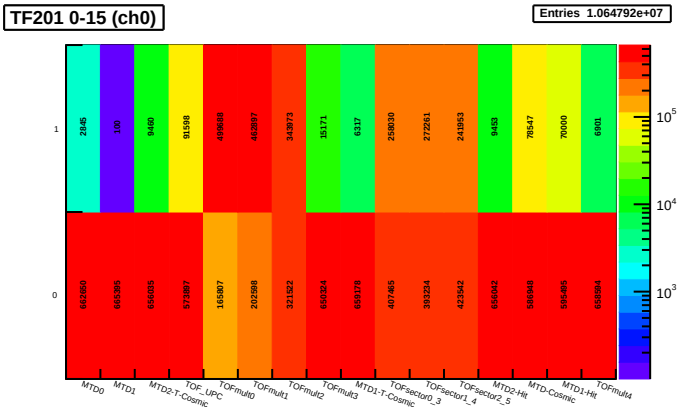

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

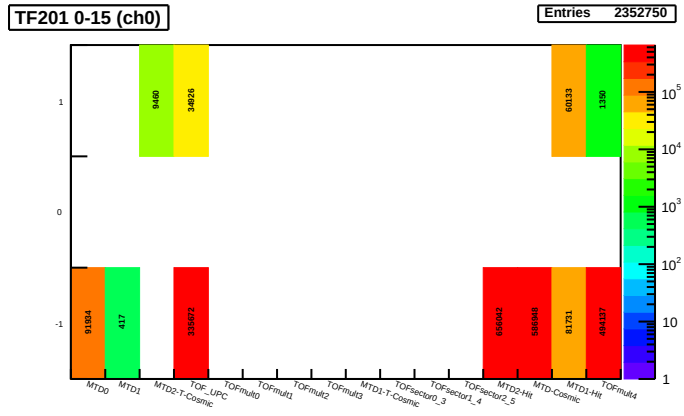

mFP201JP_FM103 large north
Entries 1996485
JP-T
JP-M
JP-B

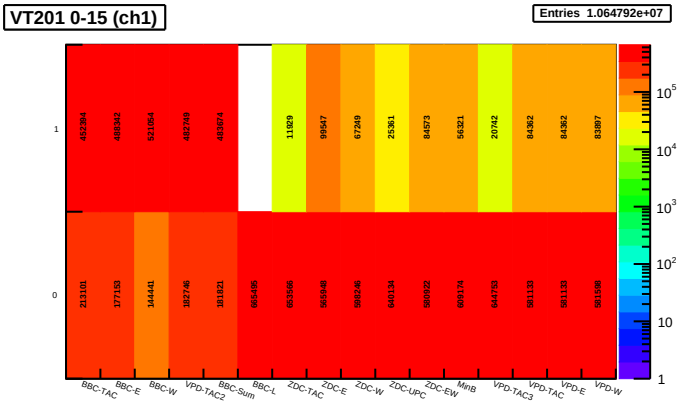

mFP201JPsim_FM103 large north
Entries 1003108
JP-T
JP-M
JP-B

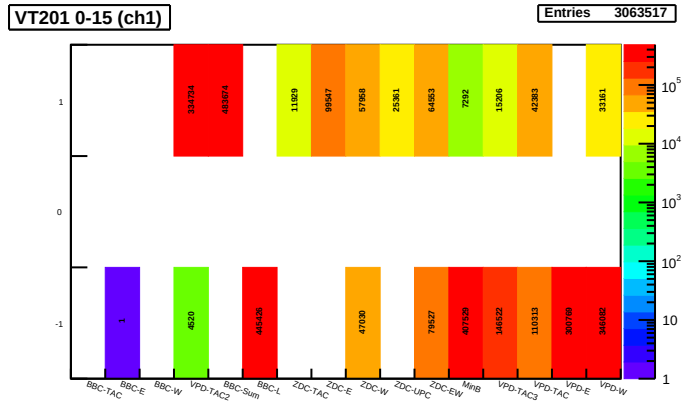

mFP201JP_FM104 large south
Entries 1996485
JP-T
JP-M
JP-B

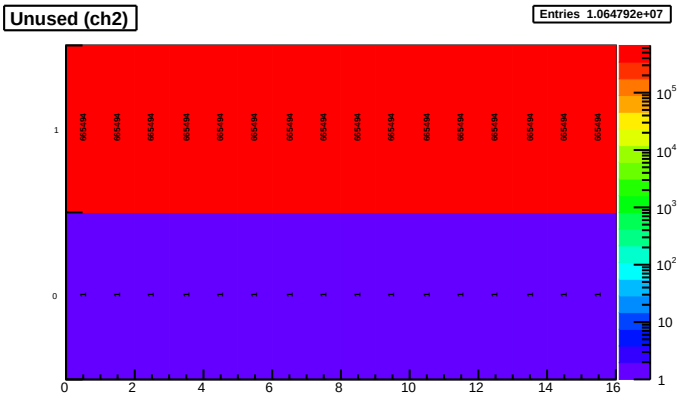

mFP201JPsim_FM104 large south
Entries 508860
JP-T
JP-M
JP-B

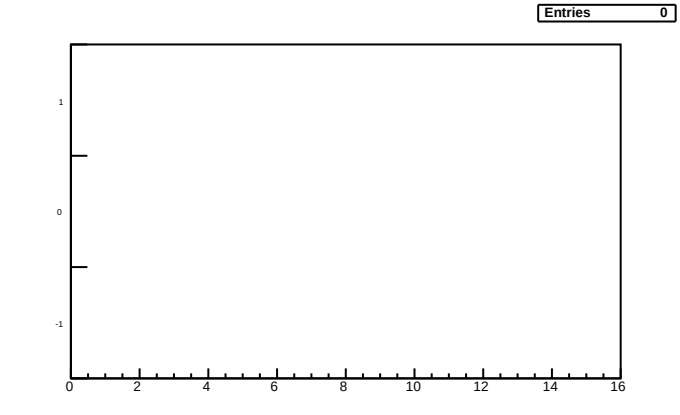

TF201 0-15 (ch0)
Entries 1.064792e+07
2845 100 9460 91598 409888 462097 343973 15171 6317 258030 272261 241953 9453 78547 70000 6901
692650 665395 656035 573897 165907 202598 321522 550324 659178 407465 393224 423542 656042 586948 595405 658394
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

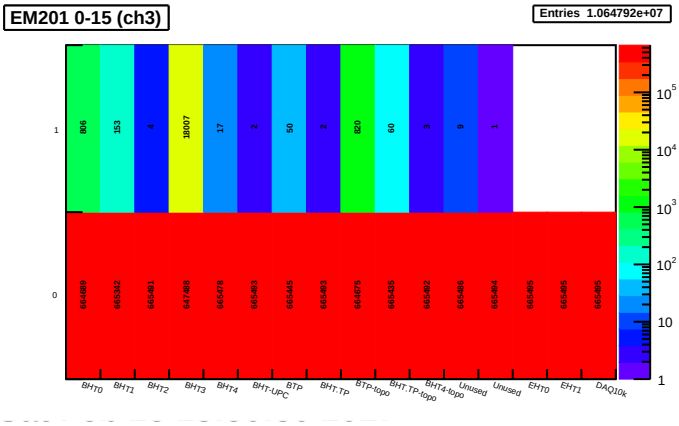

TF201 0-15 (ch0)
Entries 2352750
9460 34826 60133 1350
91834 417 335672 656042 586948 81731 494137
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

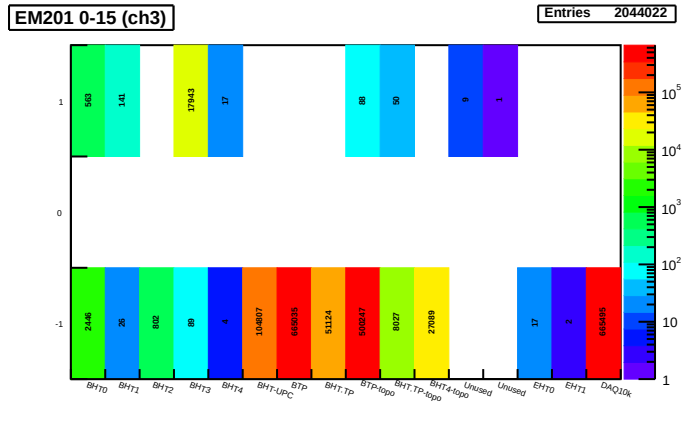

VT201 0-15 (ch1)
Entries 1.064792e+07
492384 498342 521054 482749 483674 11929 99547 67249 25361 84573 56321 20742 84362 84362 83887
213101 177153 144441 182746 181821 665495 653566 565948 598246 640134 580922 609174 644753 581133 581133 581538
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

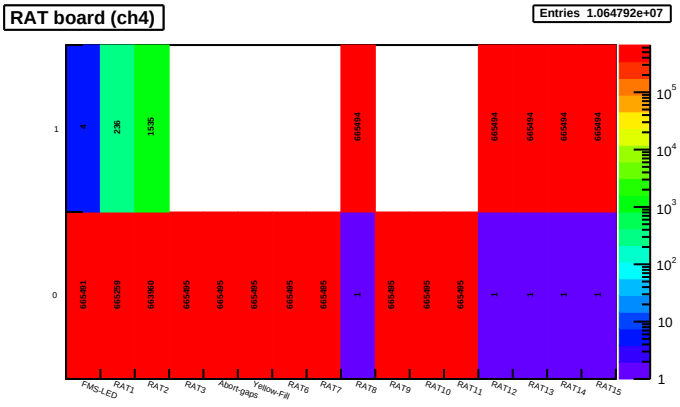

VT201 0-15 (ch1)
Entries 3063517
334734 483674 11929 99547 57958 25361 64953 7292 15206 42383 33161
1 4520 445426 47030 79527 407529 146522 110313 300769 346082
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

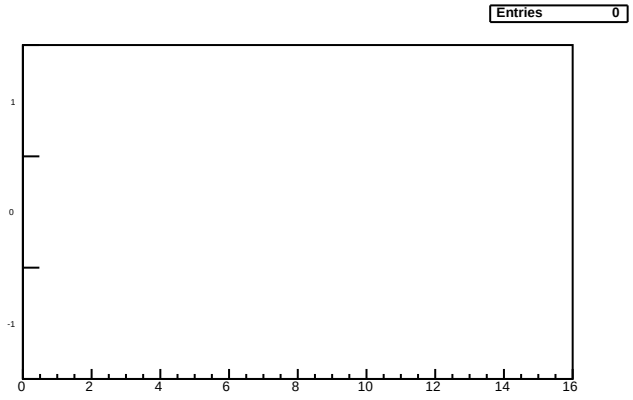

Unused (ch2)
Entries 1.064792e+07
665494 665494 665494 665494 665494 665494 665494 665494 665494 665494 665494 665494 665494 665494 665494 665494
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1


Entries 0


EM201 0-15 (ch3)
Entries 1.064792e+07
806 153 4 18007 17 2 50 2 820 60 3 9 1
664689 665342 665481 647488 665478 665483 665445 665483 664675 665435 665482 665486 665484 665485 665485 665485
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 2044022
563 141 17943 17 88 50 9 1
2446 26 802 89 4 104807 656035 51124 500247 8027 27089 17 2 656035
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k


RAT board (ch4)
Entries 1.064792e+07
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15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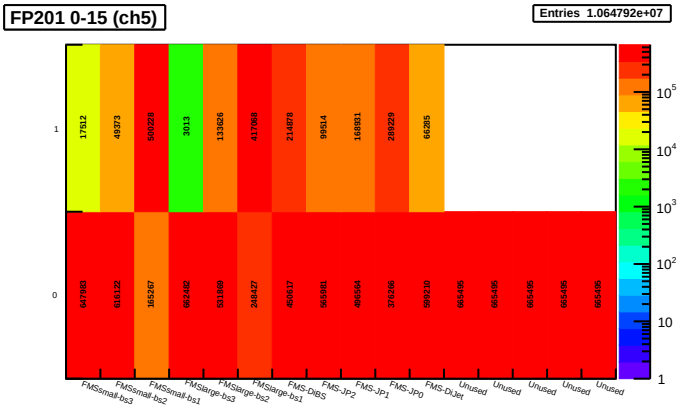
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FMSsmall-bs1
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FMSlarge-bs1
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FMS-JP1
FMS-JP0
FMS-Dijet
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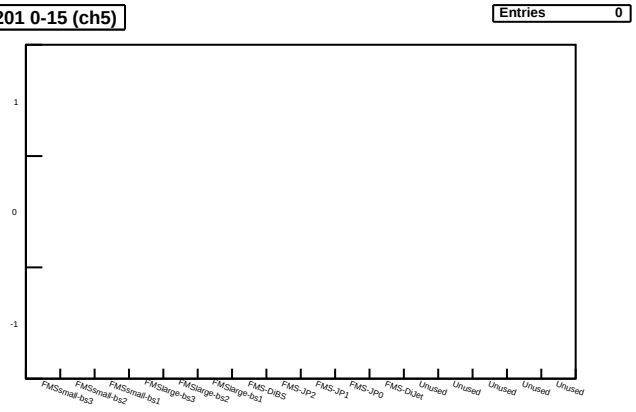
Unused
Unused
Unused


FP201 0-15 (ch5)
Entries 0
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FMS-Dijet
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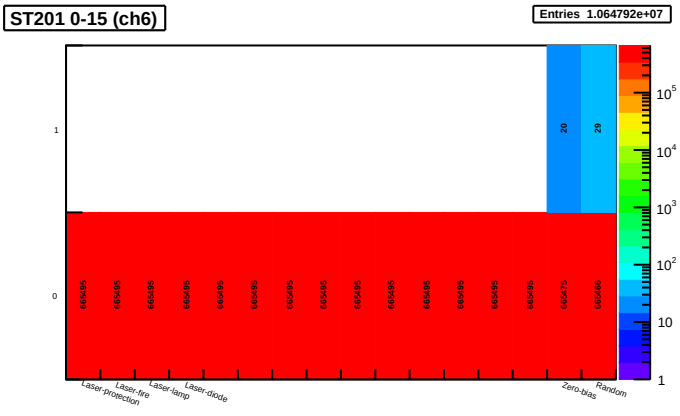
ST201 0-15 (ch6)
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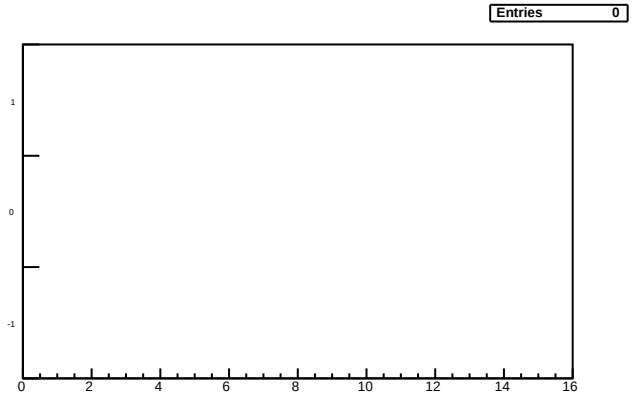
Laser-fire
Laser-lamp
Laser-diode
Zero-bas
Random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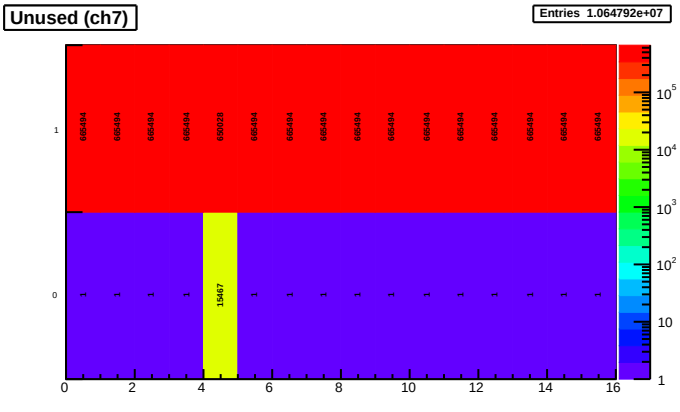
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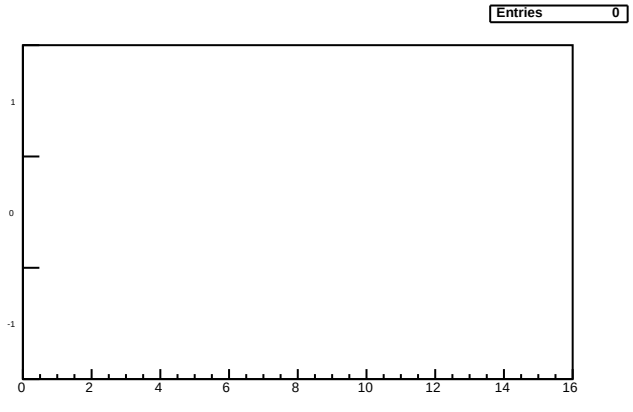
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