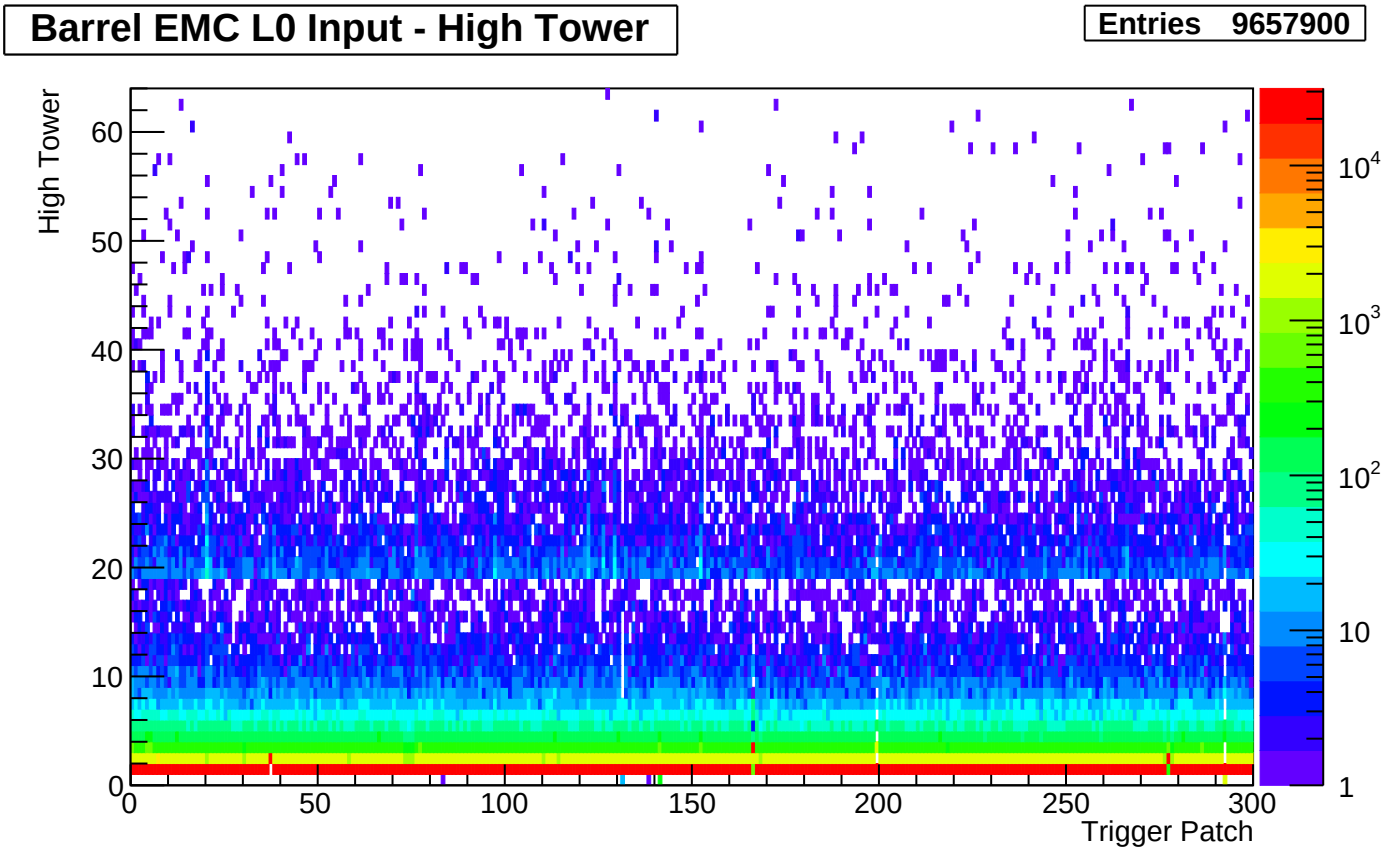
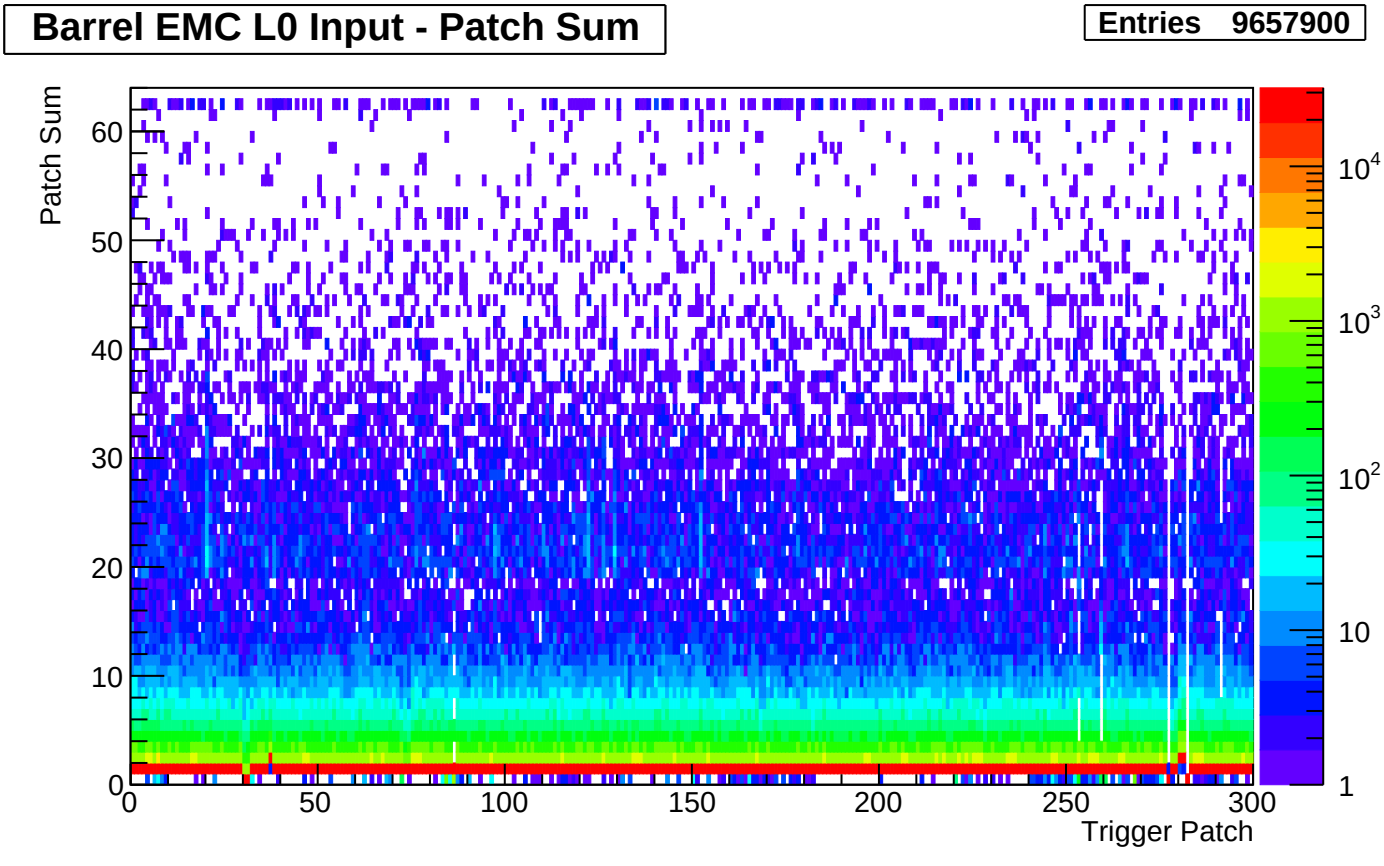
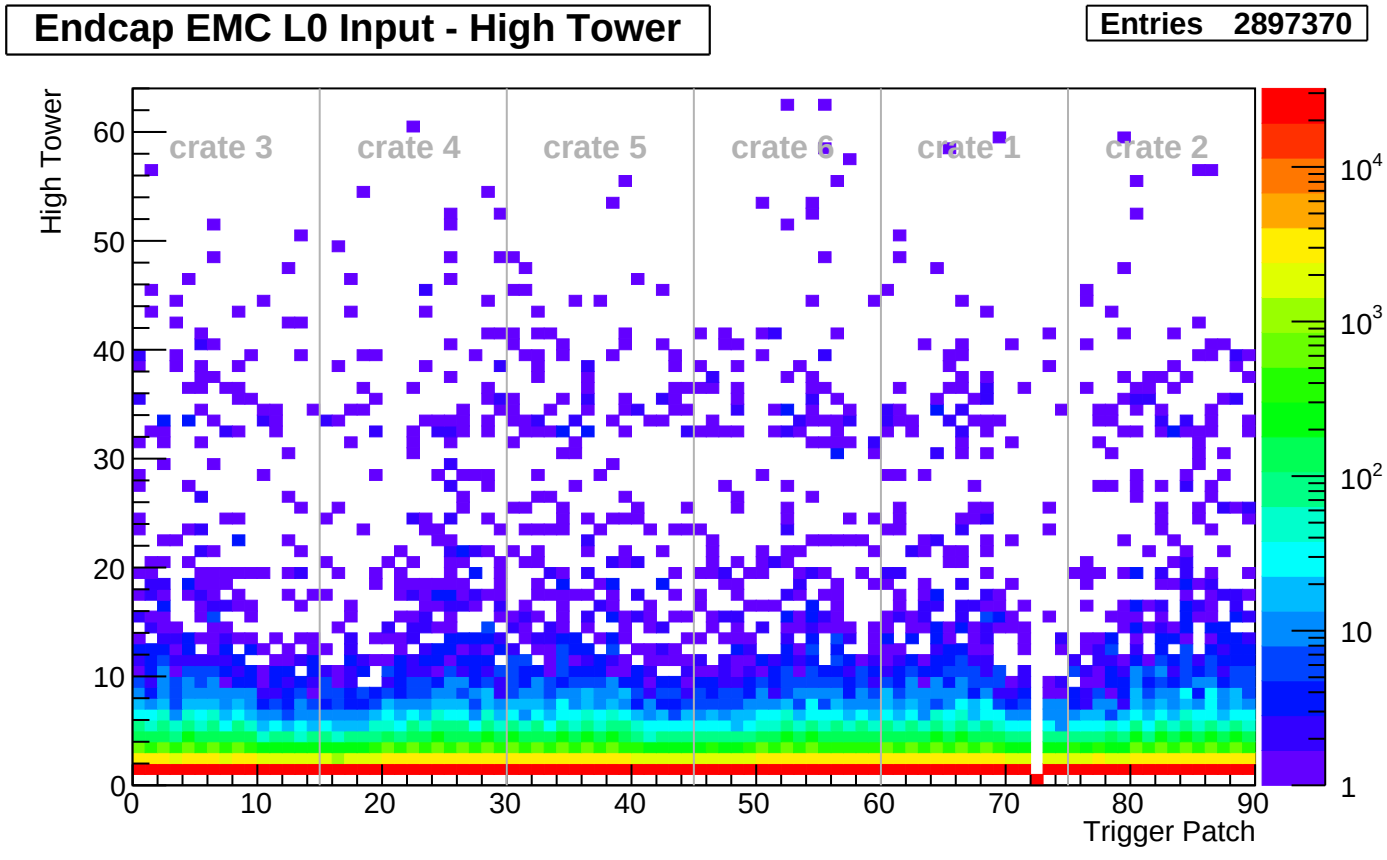
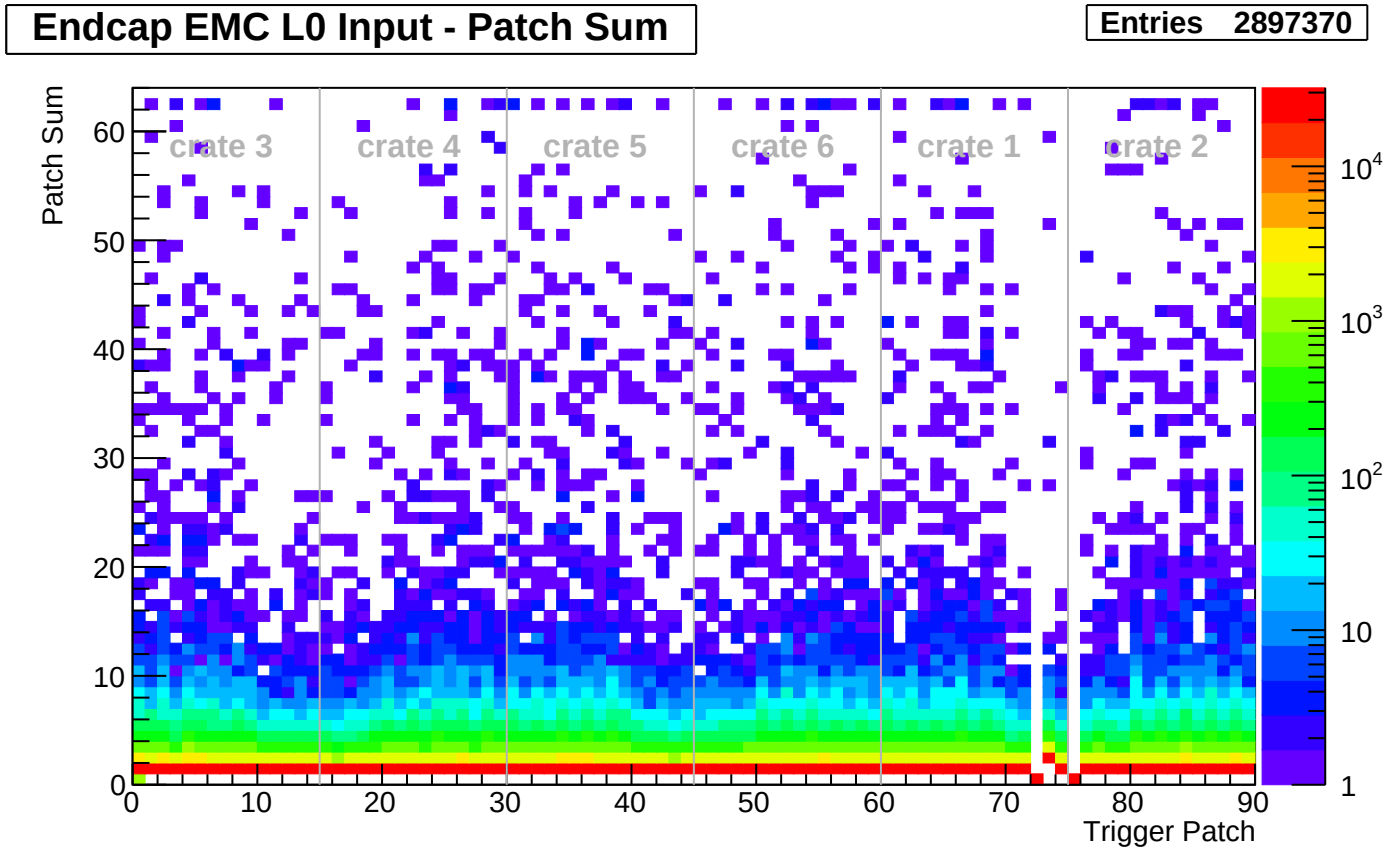
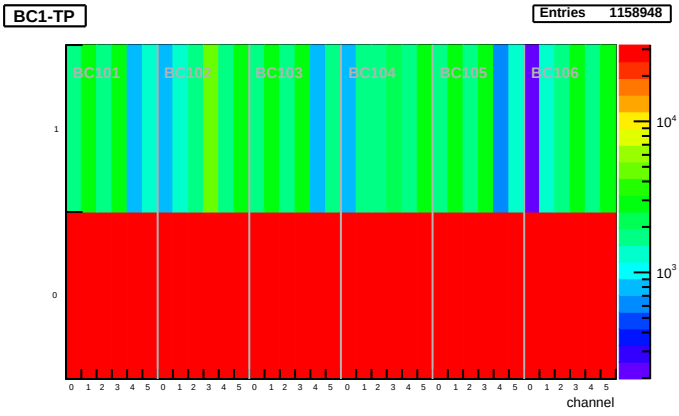
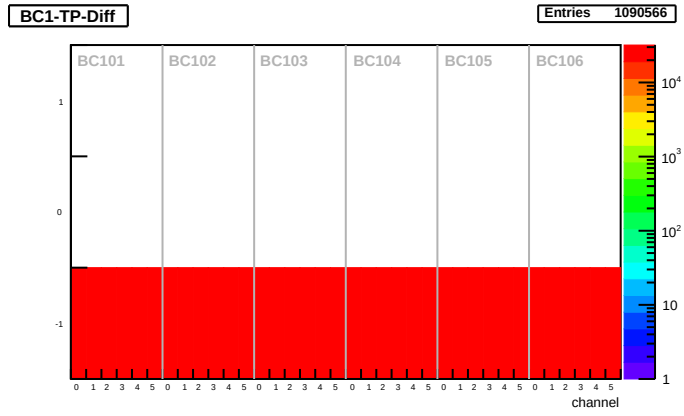

Barrel EMC L0 Input - High Tower
Entries 9657900
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$

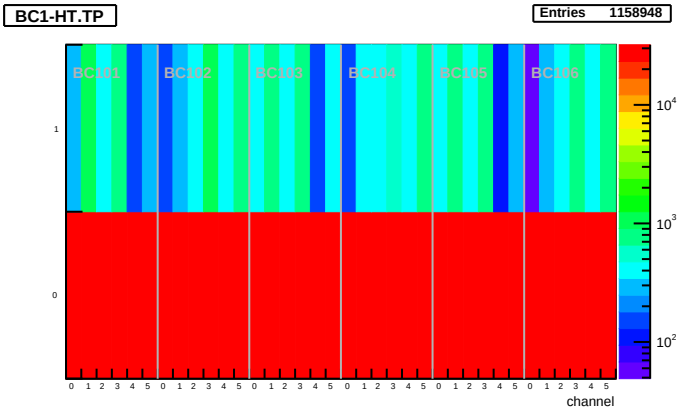

Barrel EMC L0 Input - Patch Sum
Entries 9657900
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$

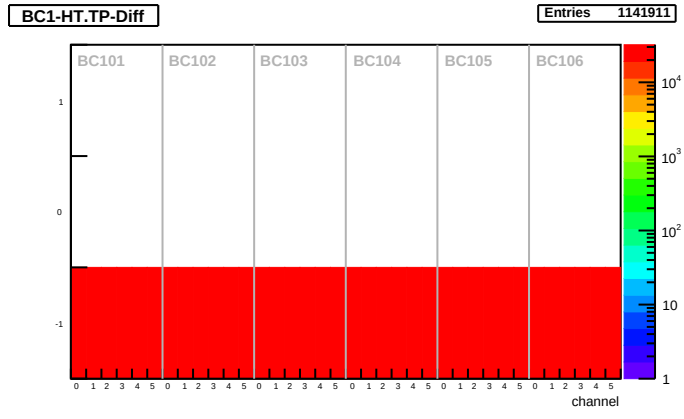

Endcap EMC L0 Input - High Tower
Entries 2897370
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

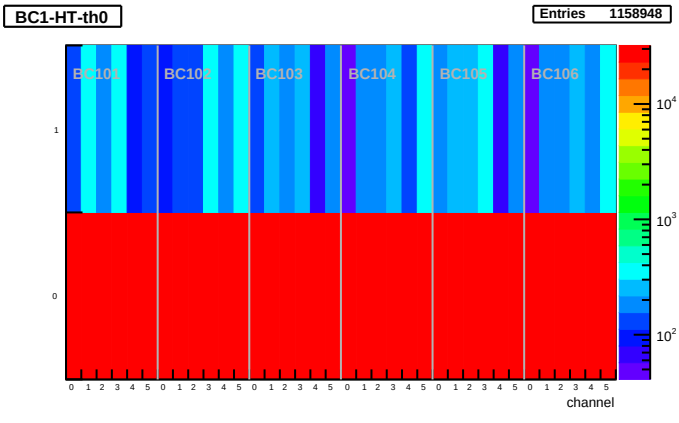

Endcap EMC L0 Input - Patch Sum
Entries 2897370
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

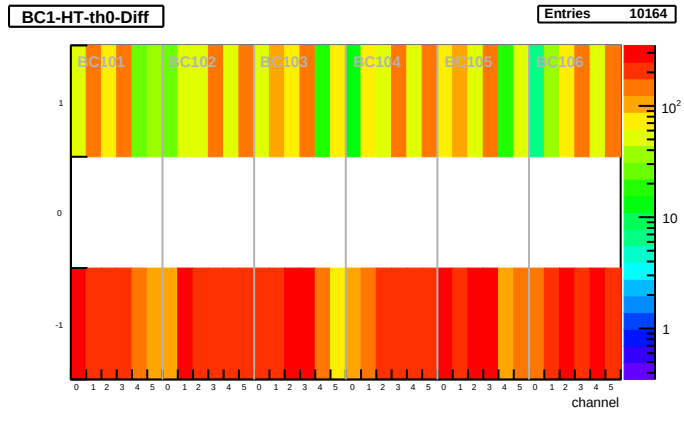

BC1-TP
Entries 1158948
BC101
BC102
BC103
BC104
BC105
BC106
channel

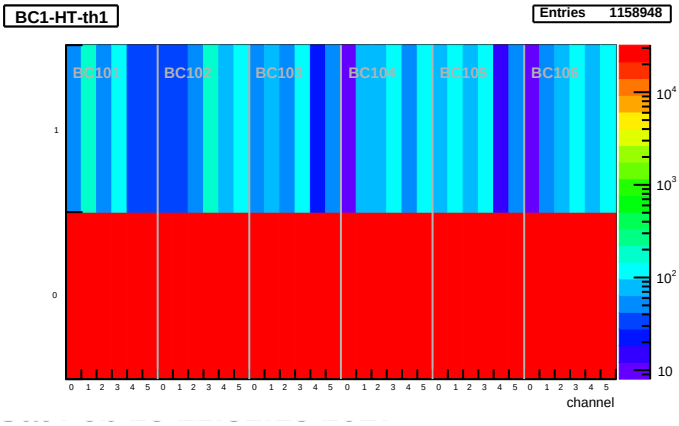

BC1-TP-Diff
Entries 1090566
BC101
BC102
BC103
BC104
BC105
BC106
channel

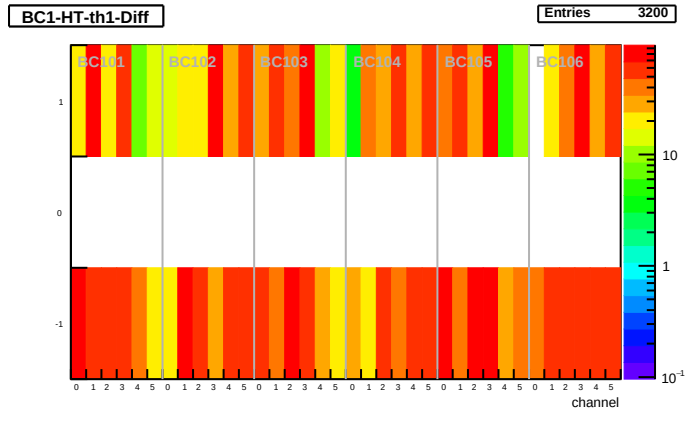

BC1-HT.TP
Entries 1158948
BC101
BC102
BC103
BC104
BC105
BC106
channel

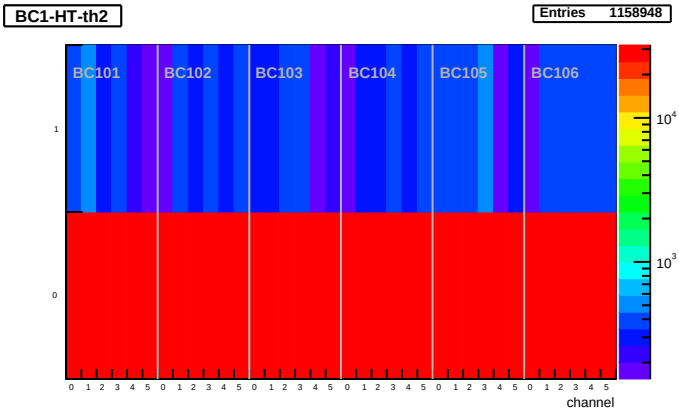

BC1-HT.TP-Diff
Entries 1141911
BC101
BC102
BC103
BC104
BC105
BC106
channel

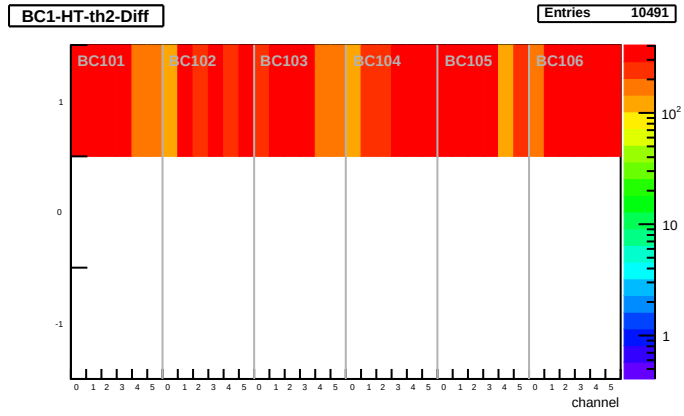

BC1-HT-th0
Entries 1158948
BC101
BC102
BC103
BC104
BC105
BC106
channel

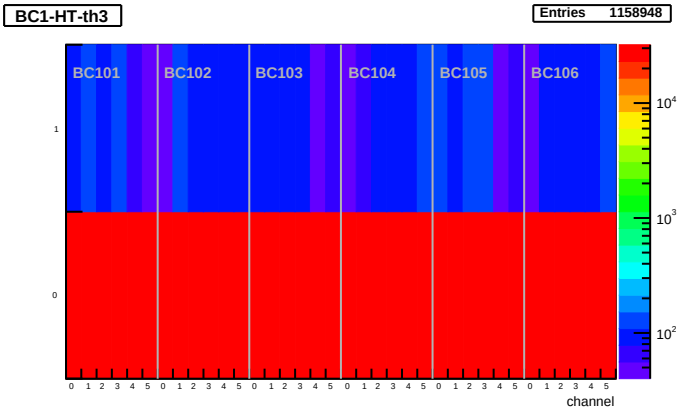

BC1-HT-th0-Diff
Entries 10164
BC101
BC102
BC103
BC104
BC105
BC106
channel

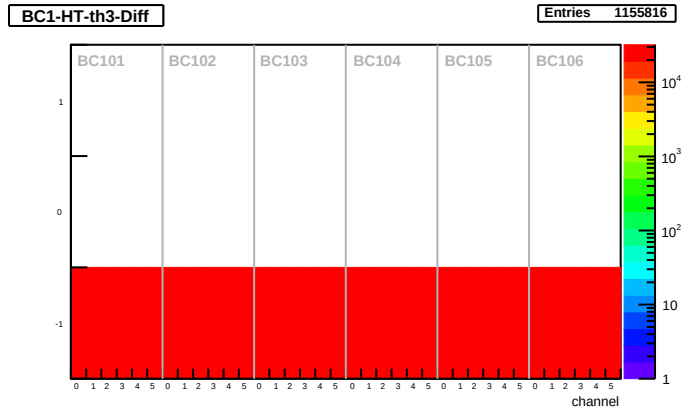

BC1-HT-th1
Entries 1158948
BC101
BC102
BC103
BC104
BC105
BC106
channel

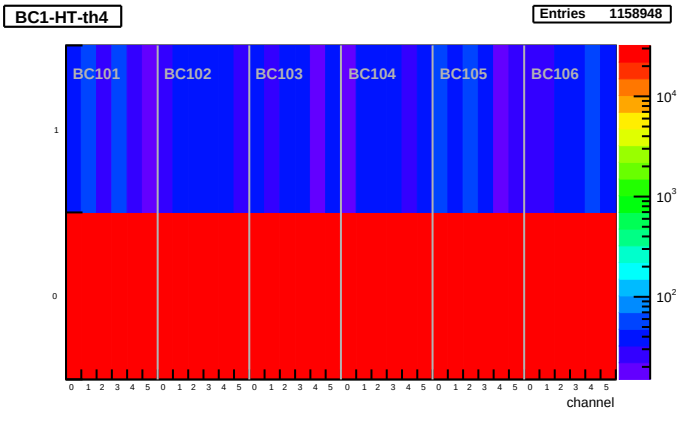

BC1-HT-th1-Diff
Entries 3200
BC101
BC102
BC103
BC104
BC105
BC106
channel

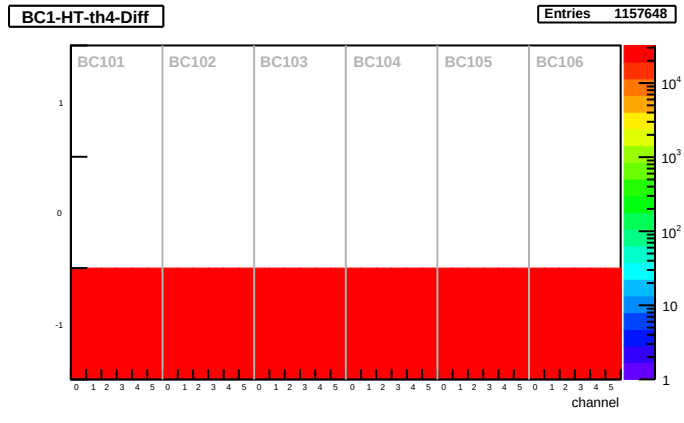

BC1-HT-th2
Entries 1158948
BC101
BC102
BC103
BC104
BC105
BC106
channel

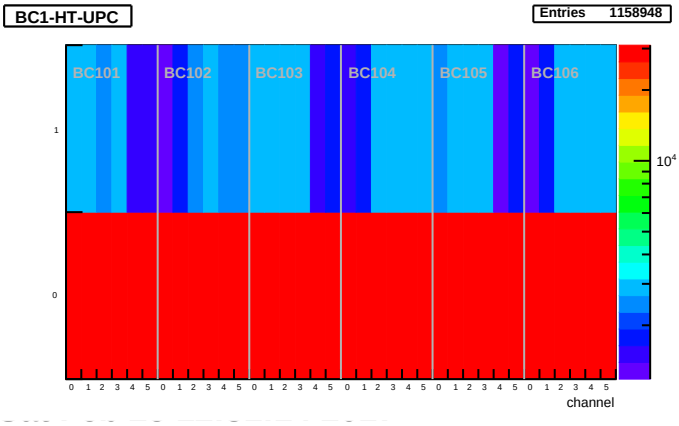

BC1-HT-th2-Diff
Entries 10491
BC101
BC102
BC103
BC104
BC105
BC106
channel

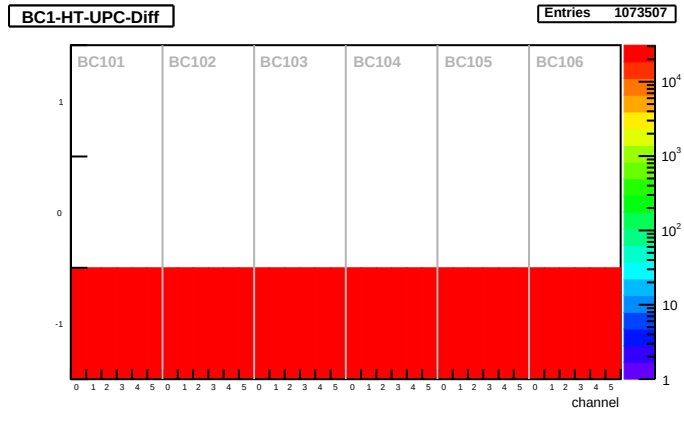

BC1-HT-th3
Entries 1158948
BC101
BC102
BC103
BC104
BC105
BC106
channel

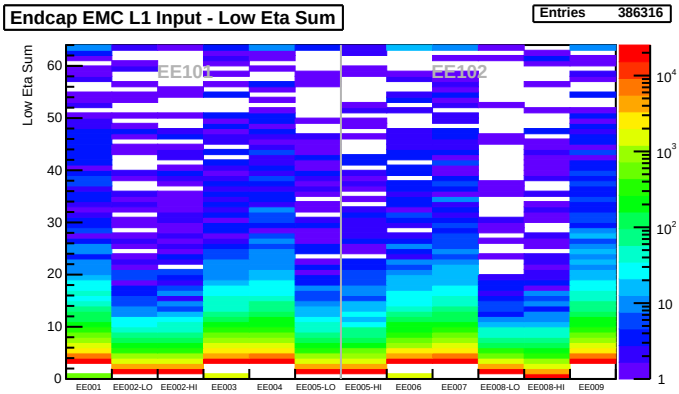

BC1-HT-th3-Diff
Entries 1155816
BC101
BC102
BC103
BC104
BC105
BC106
channel

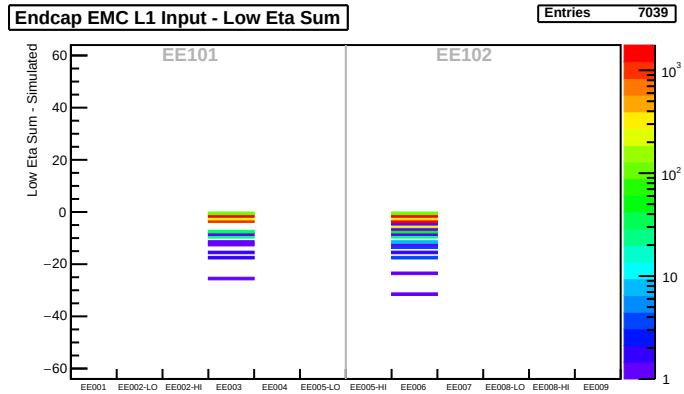

BC1-HT-th4
Entries 1158948
BC101
BC102
BC103
BC104
BC105
BC106
channel

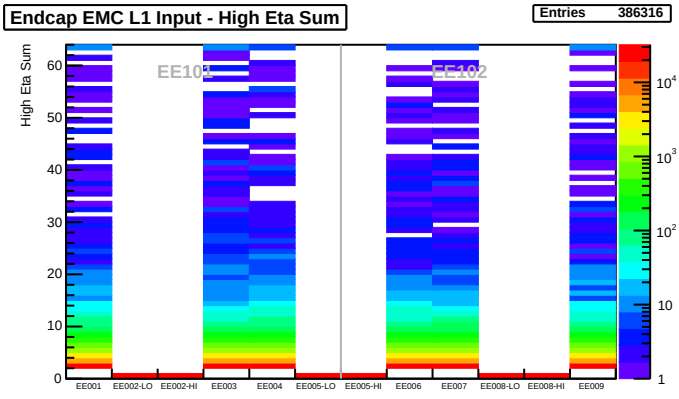

BC1-HT-th4-Diff
Entries 1157648
BC101
BC102
BC103
BC104
BC105
BC106
channel

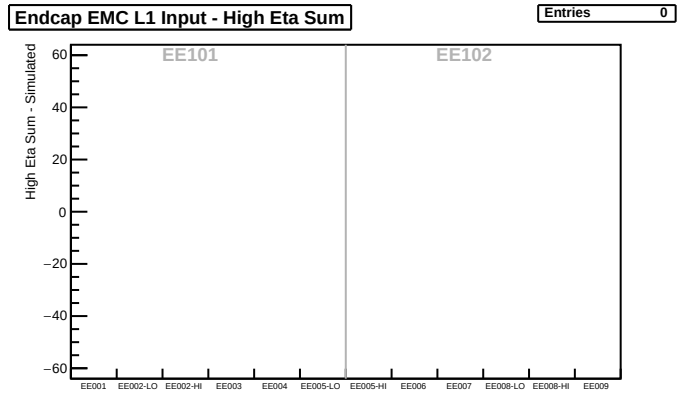

BC1-HT-UPC
Entries 1158948
BC101
BC102
BC103
BC104
BC105
BC106
channel

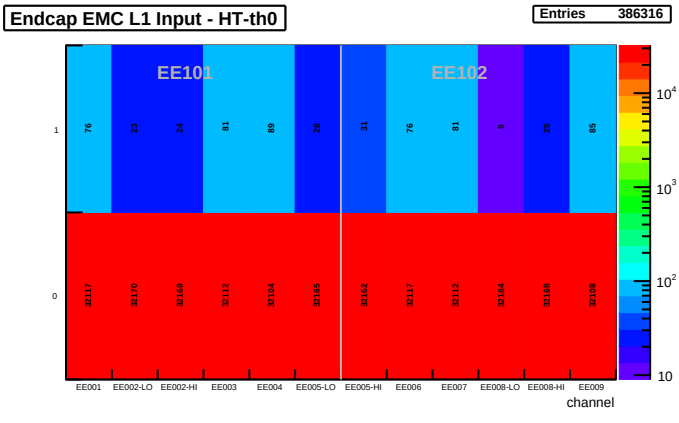

BC1-HT-UPC-Diff
Entries 1073507
BC101
BC102
BC103
BC104
BC105
BC106
channel

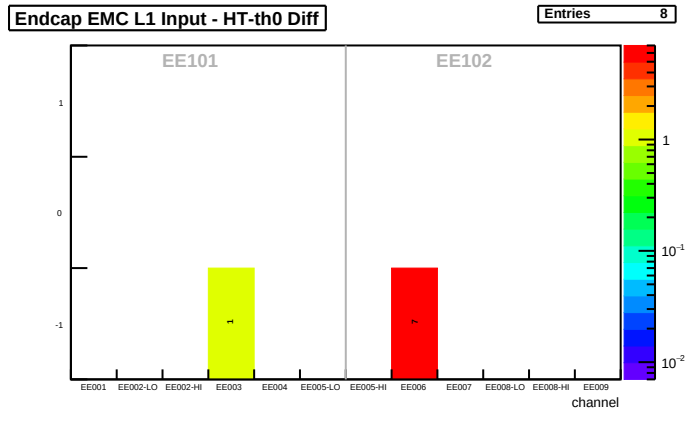

Endcap EMC L1 Input - Low Eta Sum
Entries 386316
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

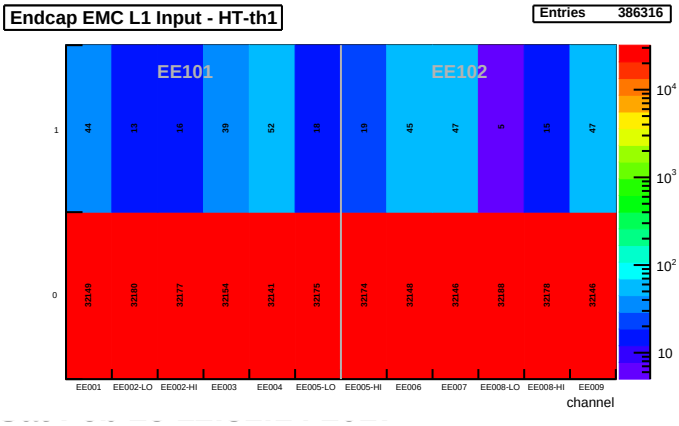

Endcap EMC L1 Input - Low Eta Sum
Entries 7039
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

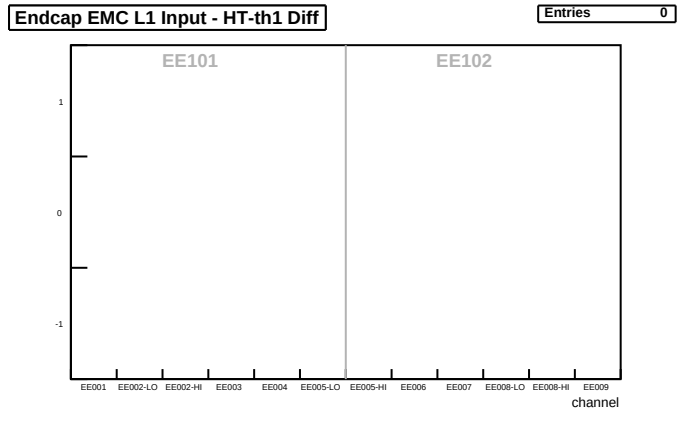

Endcap EMC L1 Input - High Eta Sum
Entries 386316
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

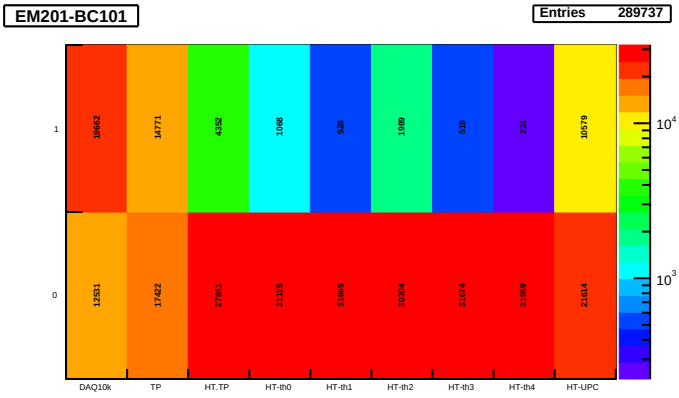

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

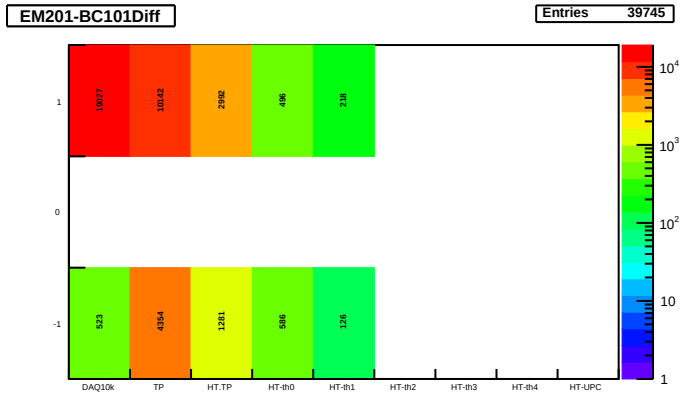

Endcap EMC L1 Input - HT-th0
Entries 386316
EE101
EE102
76 23 24 81 89 28 31 76 81 9 25 85
32117 32170 32169 32112 32104 32165 32162 32117 32112 32184 32168 32108
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

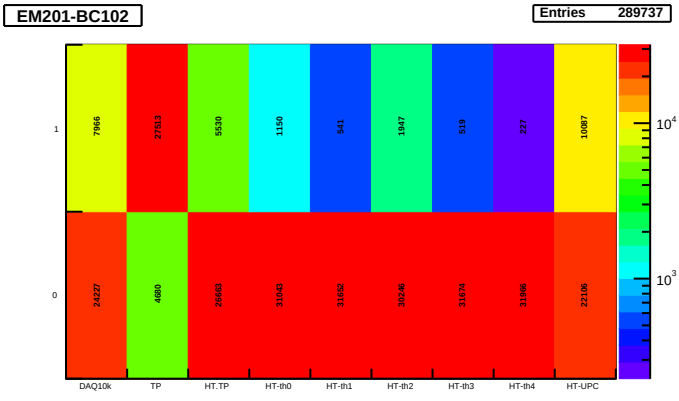

Endcap EMC L1 Input - HT-th0 Diff
Entries 8
EE101
EE102
1
7
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

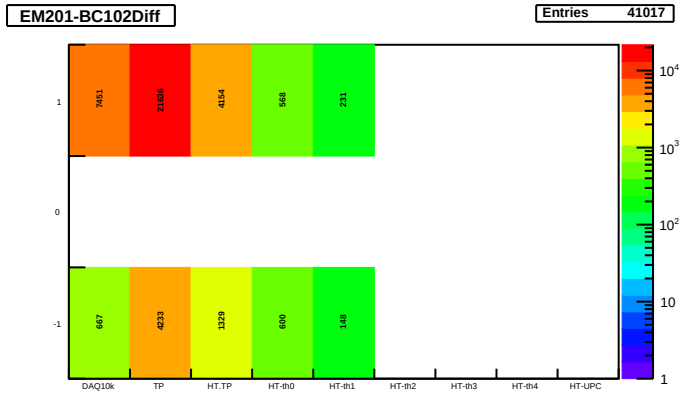

Endcap EMC L1 Input - HT-th1
Entries 386316
EE101
EE102
44 13 16 39 52 18 19 45 47 5 15 47
32149 32190 32177 32154 32141 32175 32174 32148 32146 32188 32178 32146
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

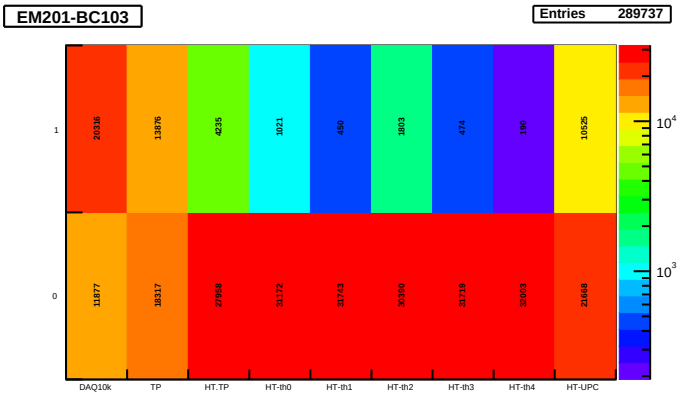

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

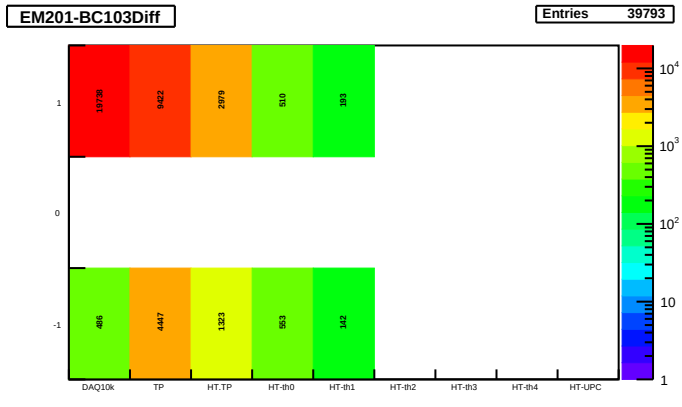

EM201-BC101
Entries 289737
1
0
10662
14771
4352
1068
528
1989
519
224
10579
12531
17422
27941
31125
31665
30204
31674
31969
21614
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$

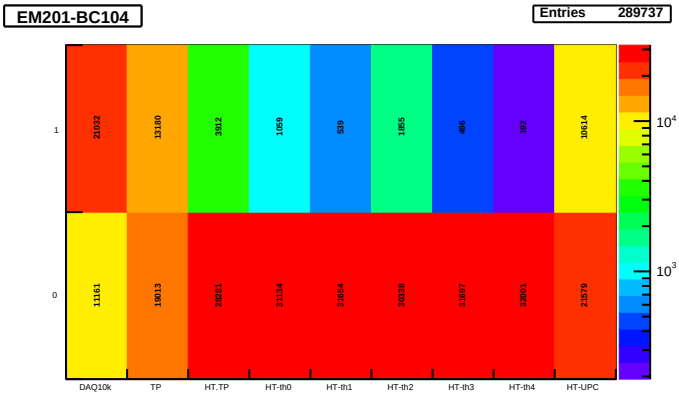

EM201-BC101Diff
Entries 39745
1
0
-1
10027
10142
2992
496
218
523
4354
1281
586
126
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$
$10^2$
10
1

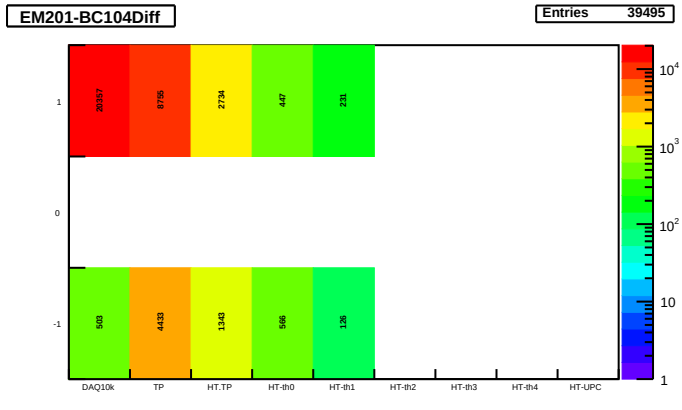

EM201-BC102
Entries 289737
1
0
7966
2753
5530
1150
541
1947
519
227
10887
24227
4680
26663
31043
31652
30246
31674
31986
22106
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$


EM201-BC102Diff
Entries 41017
1
0
-1
7451
21636
4154
568
231
667
4233
1329
600
148
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$
$10^2$
10
1


EM201-BC103
Entries 289737
1
0
20316
13876
4235
1021
450
1803
474
190
10535
11877
18317
27958
31172
31743
30390
31719
32003
21668
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$

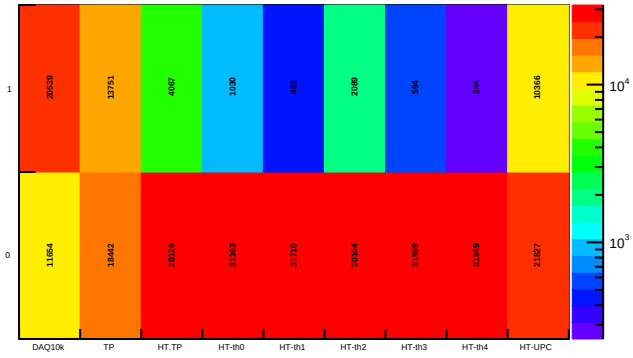

EM201-BC103Diff
Entries 39793
1
0
-1
19738
9422
2979
510
193
486
4447
1323
553
142
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$
$10^2$
10
1


EM201-BC104
Entries 289737
1
0
21032
13180
3912
1059
539
1855
496
192
10614
11161
18013
29231
31134
31654
30338
31697
32001
21579
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$


EM201-BC104Diff
Entries 39495
1
0
-1
20357
8795
2734
447
231
503
4433
1343
566
126
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$
$10^2$
10
1

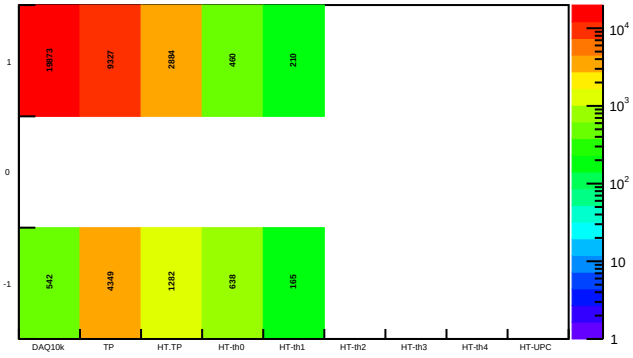
EM201-BC105

Entries 289737



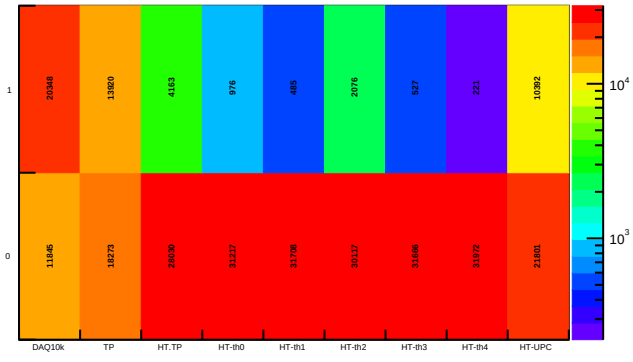

EM201-BC105Diff

Entries 39730



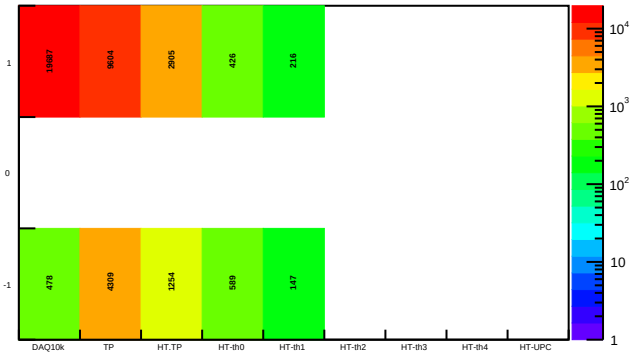

EM201-BC106

Entries 289737



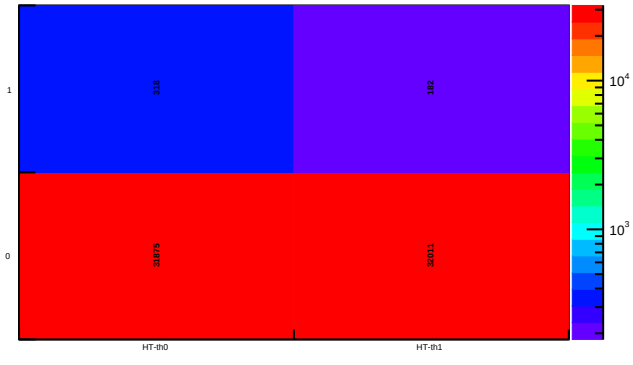

EM201-BC106Diff

Entries 39615



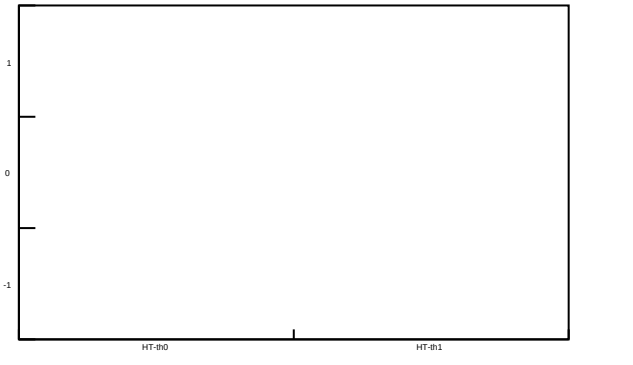

EM201-EE101

Entries 64386



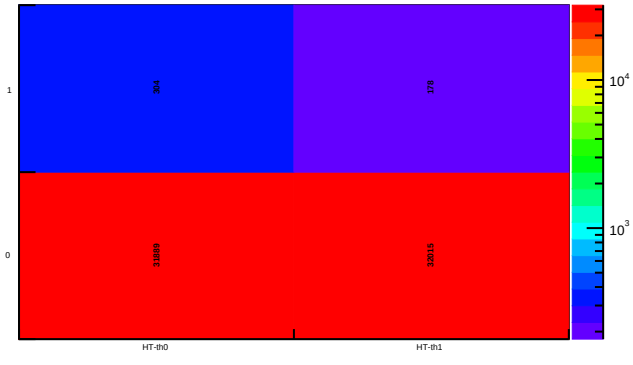

EM201-EE101Diff

Entries 0



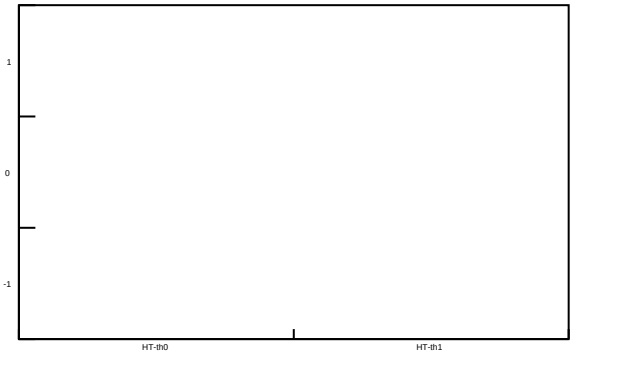

EM201-EE102

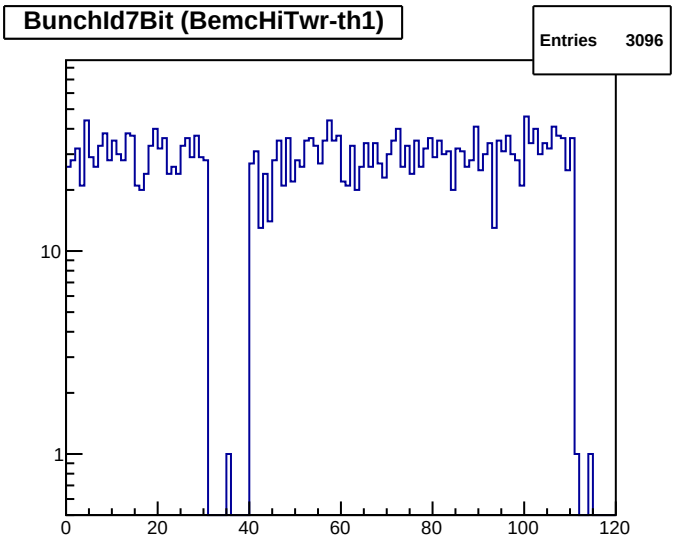
Entries 64386

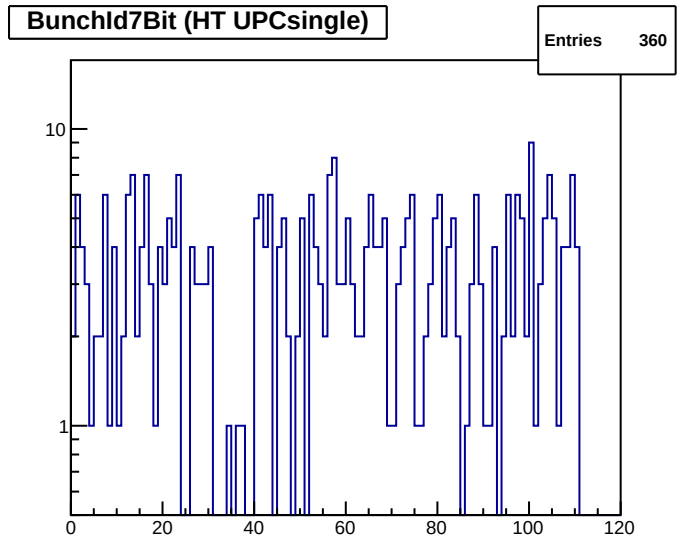


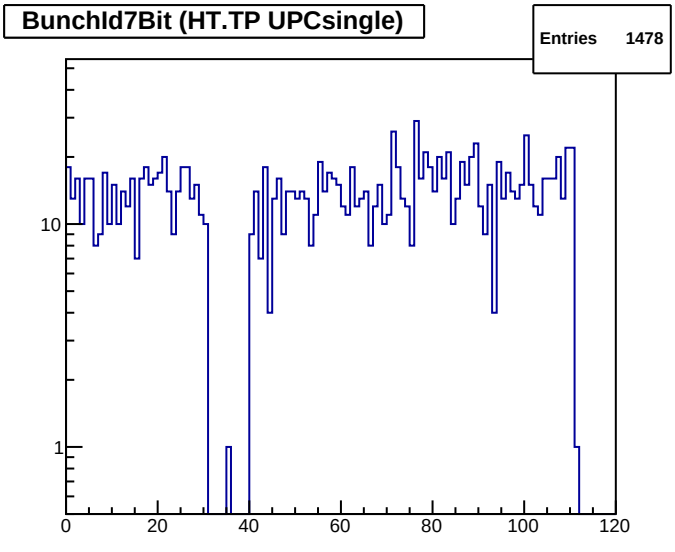

EM201-EE102Diff

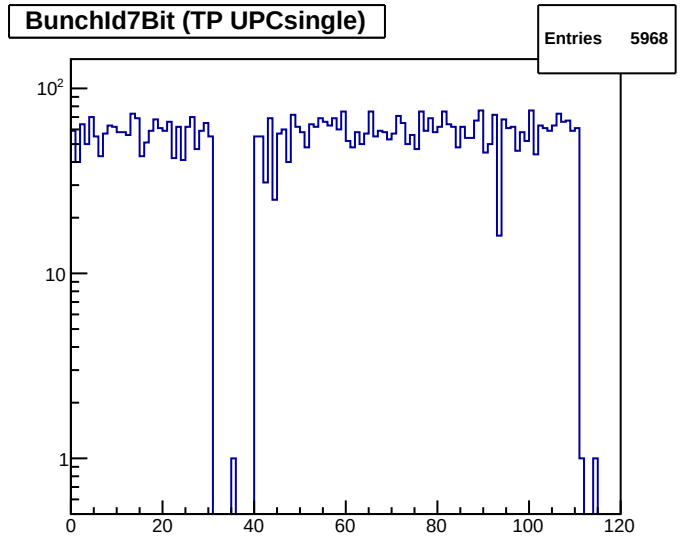
Entries 0

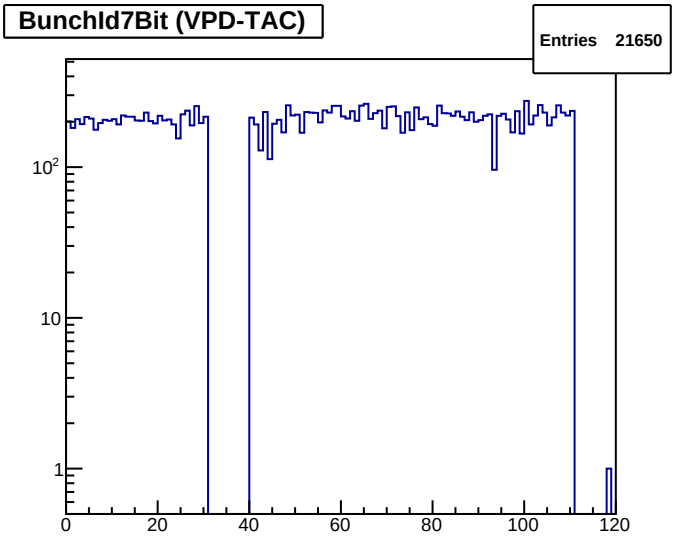


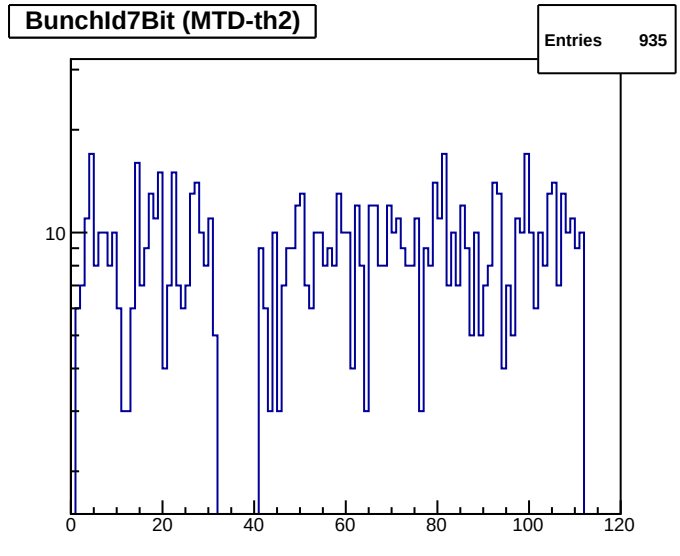

BunchId7Bit (BemcHiTwr-th1)
Entries 3096
10
1
0
20
40
60
80
100
120

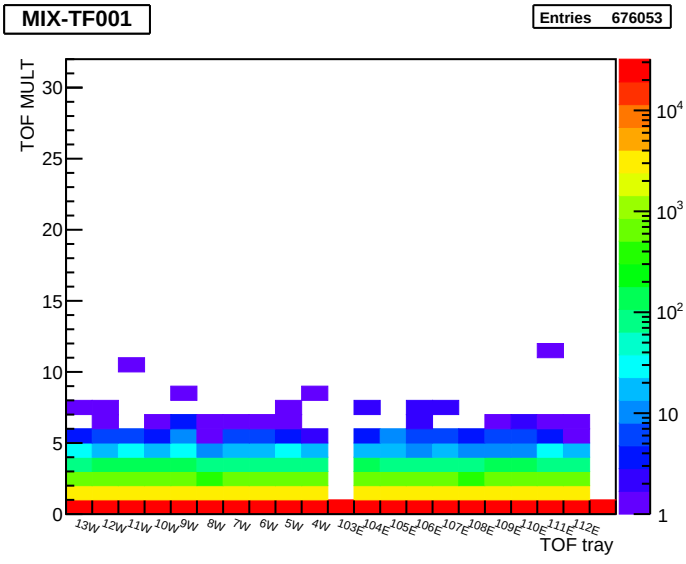

BunchId7Bit (HT UPCsingle)
Entries 360
10
1
0
20
40
60
80
100
120

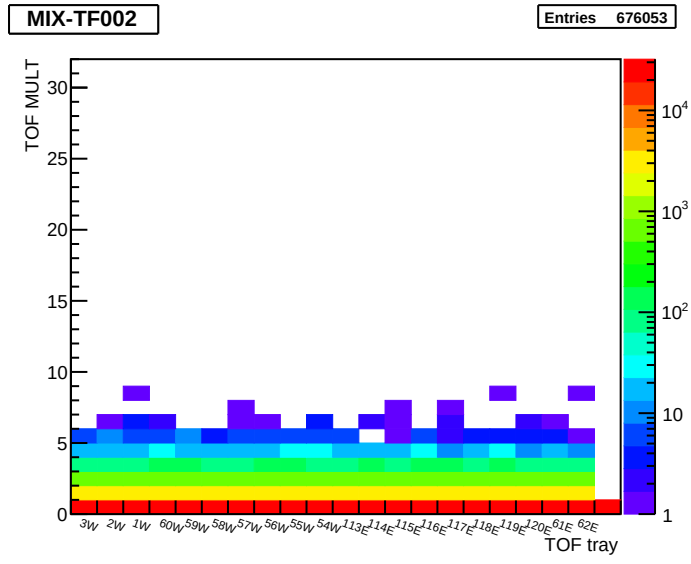

BunchId7Bit (HT.TP UPCsingle)
Entries 1478
10
1
0
20
40
60
80
100
120

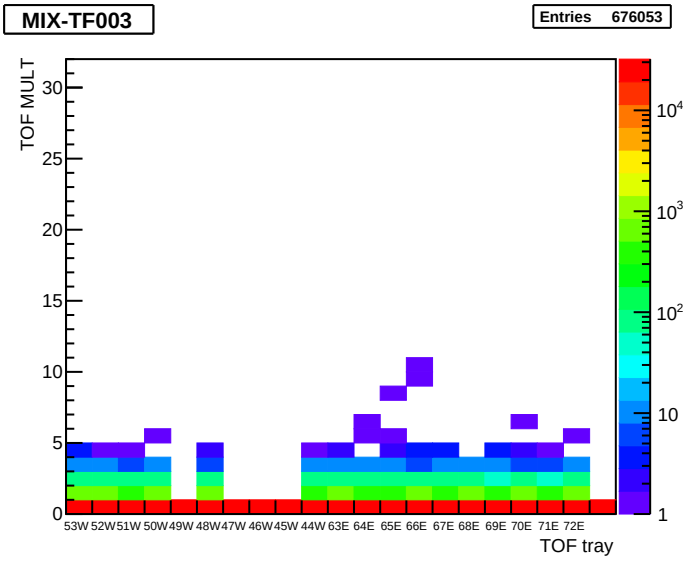

BunchId7Bit (TP UPCsingle)
Entries 5968
$10^2$
10
1
0
20
40
60
80
100
120

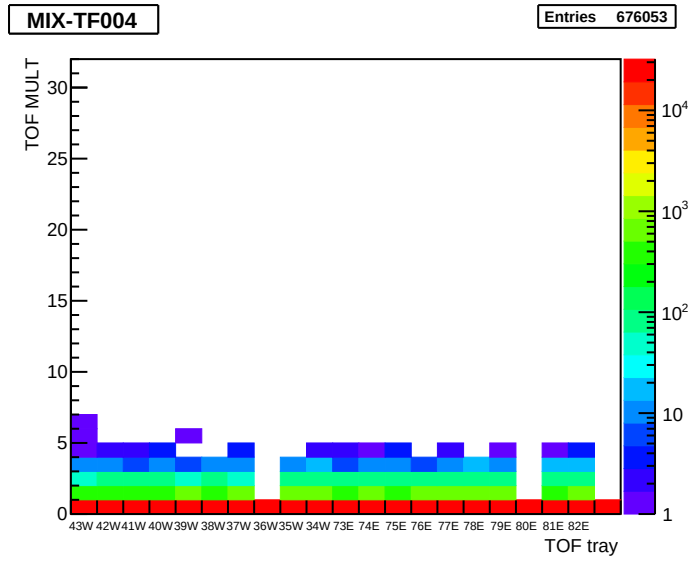

BunchId7Bit (VPD-TAC)
Entries 21650
$10^2$
10
1
0
20
40
60
80
100
120

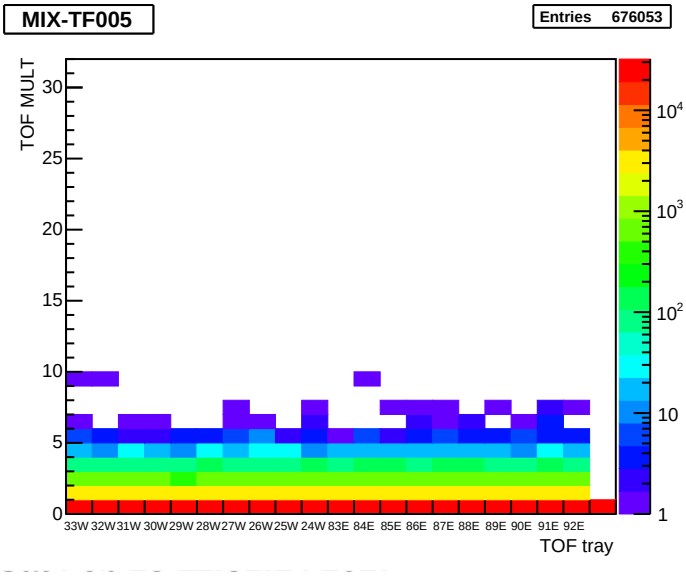

BunchId7Bit (MTD-th2)
Entries 935
10
0
20
40
60
80
100
120

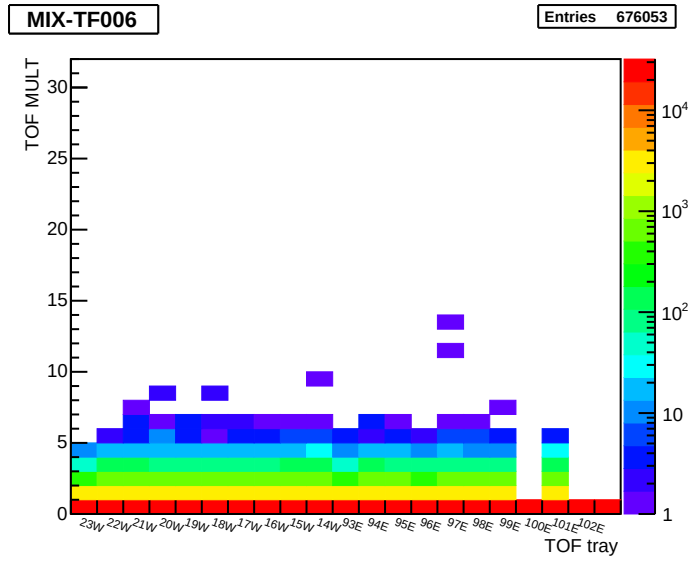

MIX-TF001
Entries 676053
TOF MULT
TOF tray

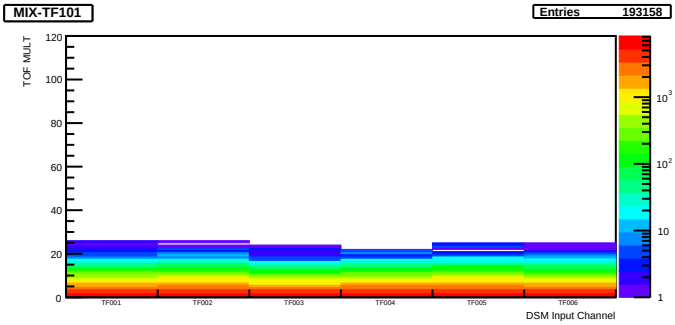

MIX-TF002
Entries 676053
TOF MULT
TOF tray

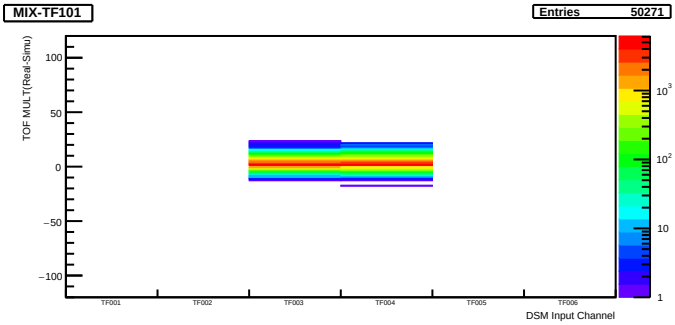

MIX-TF003
Entries 676053
TOF MULT
TOF tray

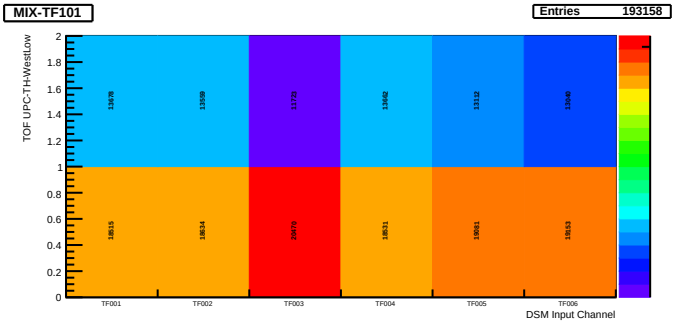

MIX-TF004
Entries 676053
TOF MULT
TOF tray

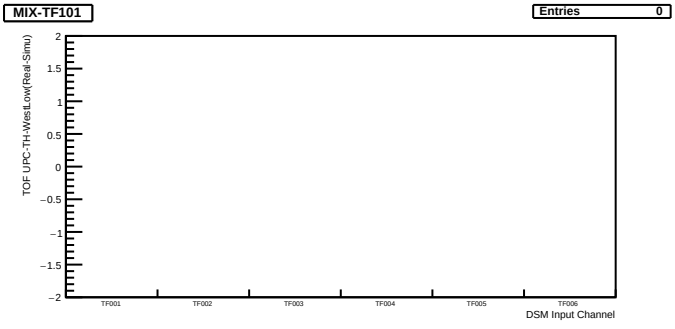

MIX-TF005
Entries 676053
TOF MULT
TOF tray

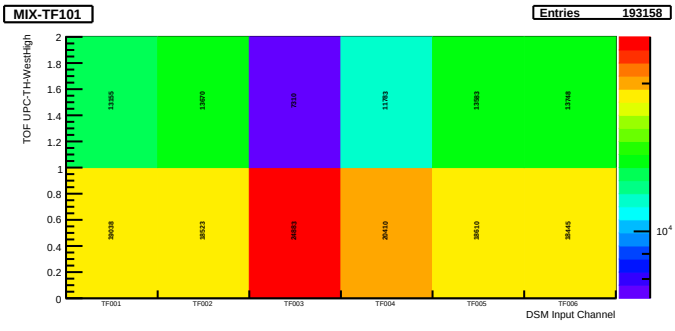

MIX-TF006
Entries 676053
TOF MULT
TOF tray

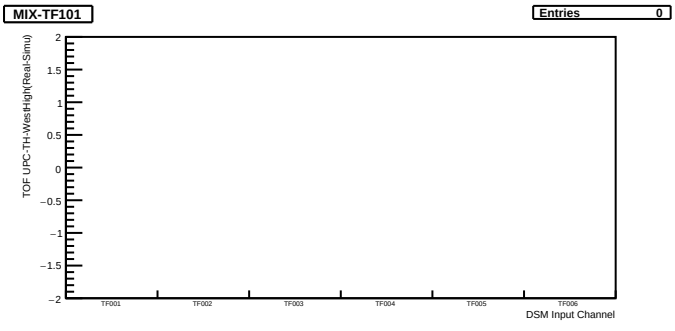

MIX-TF101
Entries 193158
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

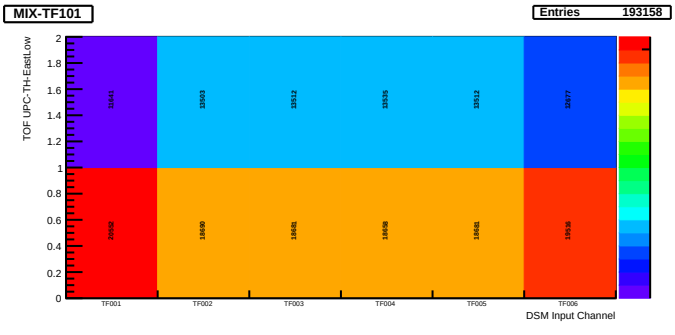

MIX-TF101
Entries 50271
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

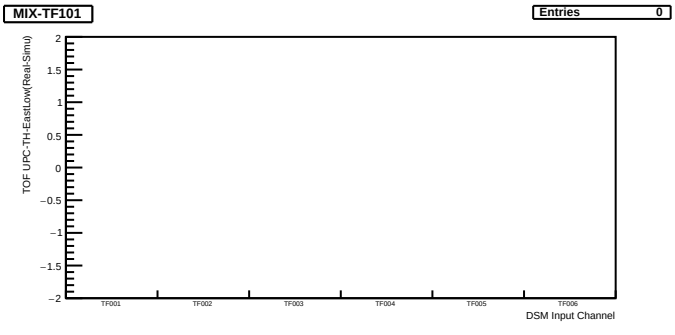

MIX-TF101
Entries 193158
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

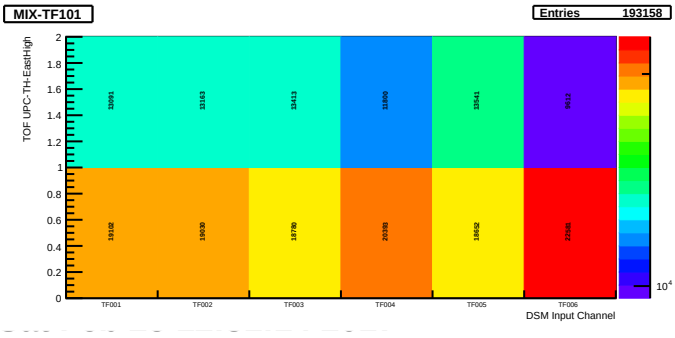

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

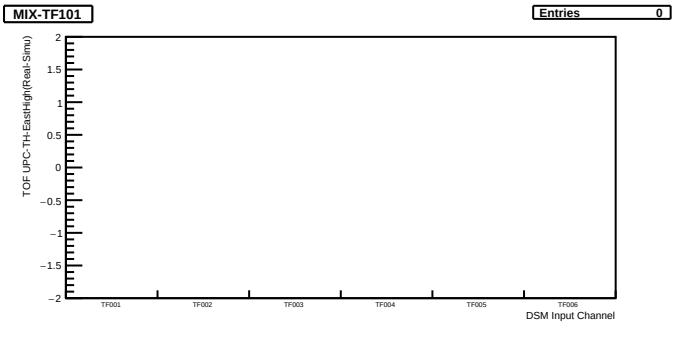

MIX-TF101
Entries 193158
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

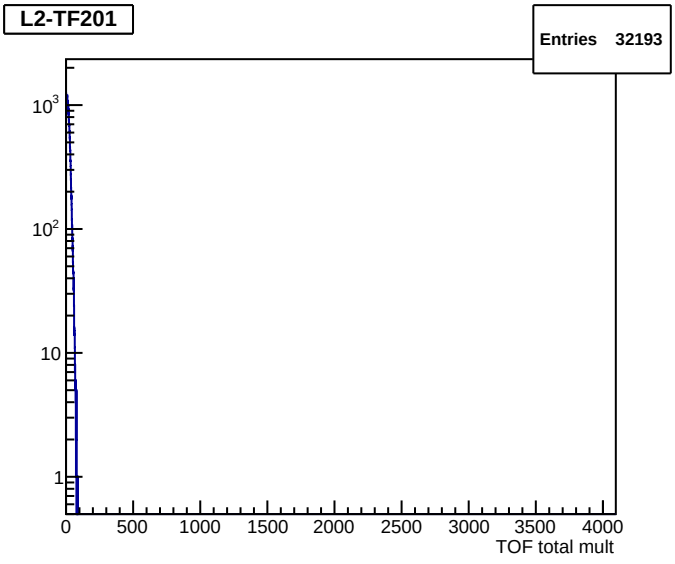

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

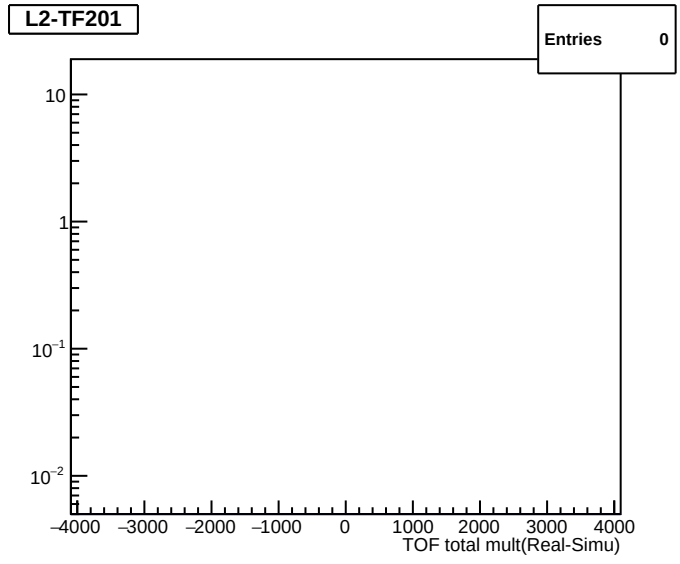

MIX-TF101
Entries 193158
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

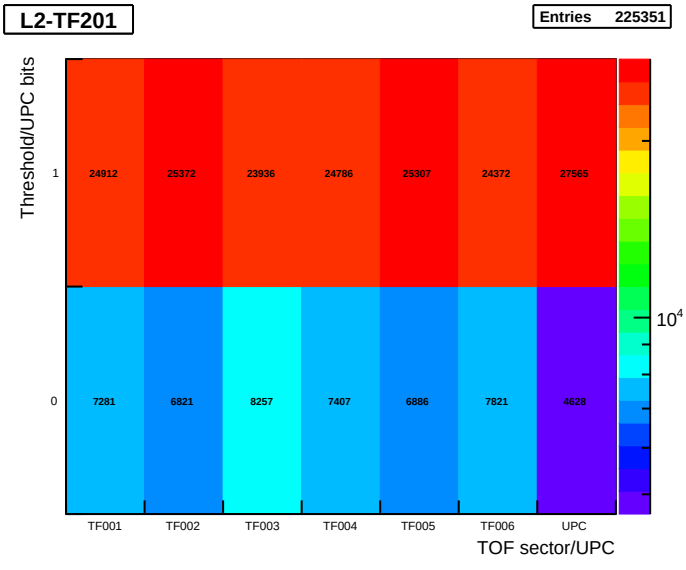

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

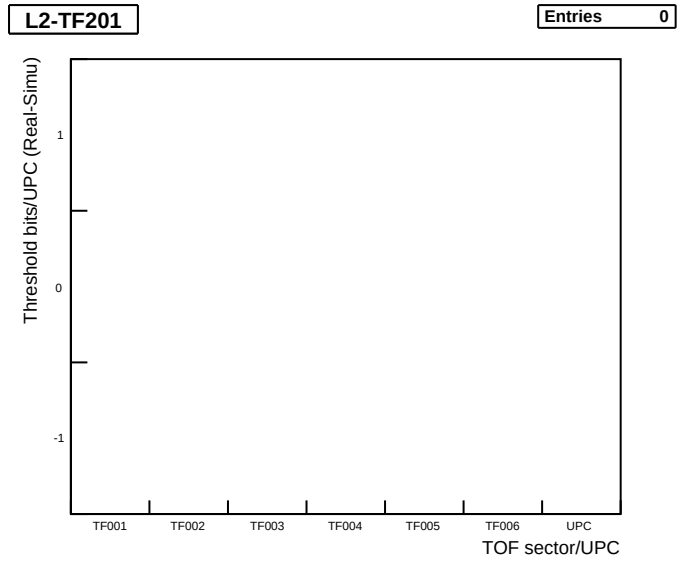

MIX-TF101
Entries 193158
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

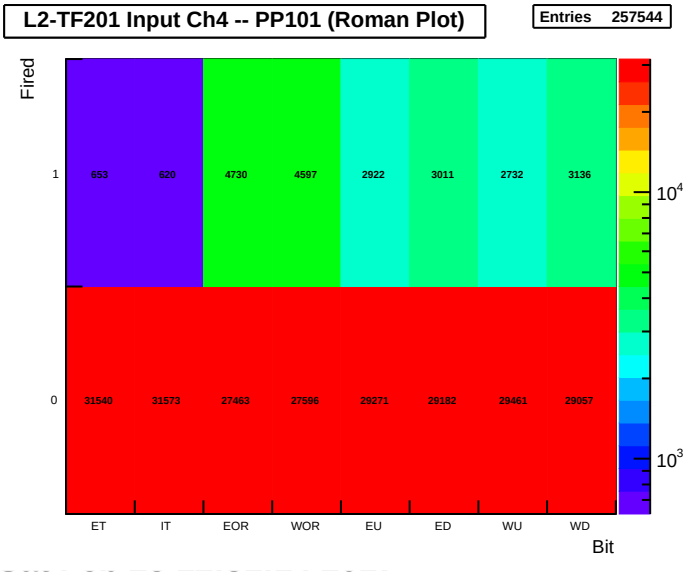

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

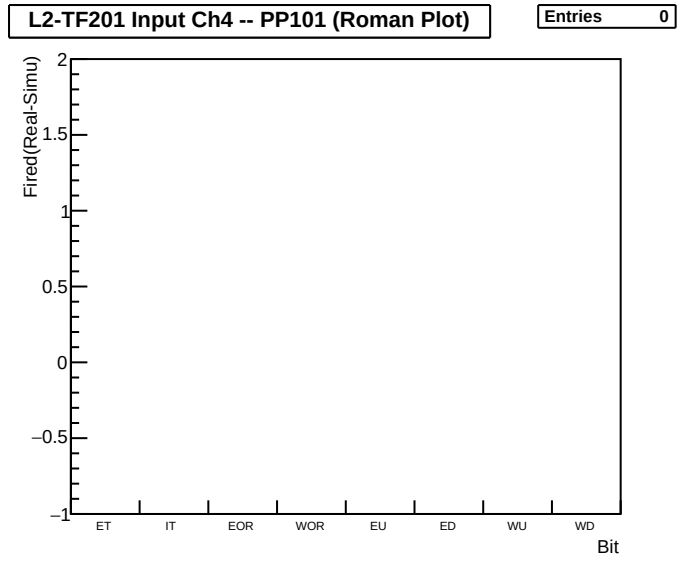

L2-TF201
Entries 32193
TOF total mult

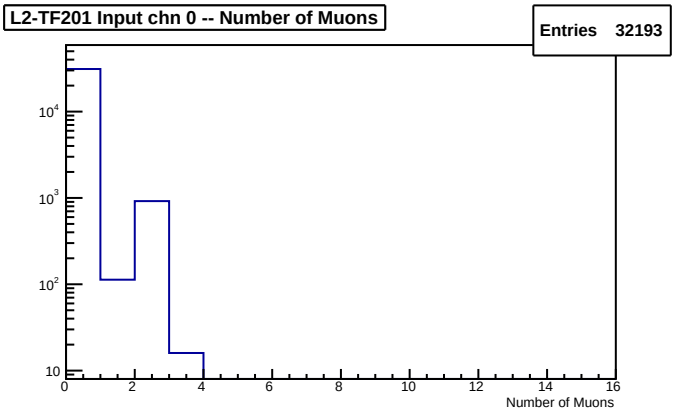

L2-TF201
Entries 0
TOF total mult(Real-Simu)

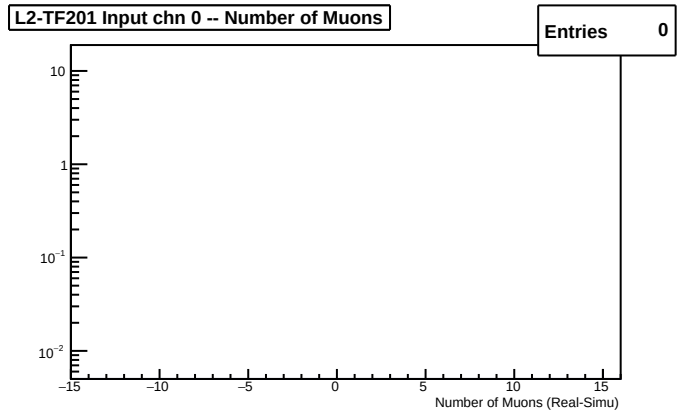

L2-TF201
Entries 225351
Threshold/UPC bits
24912
25372
23936
24786
25307
24372
27565
7281
6821
8257
7407
6886
7821
4628
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

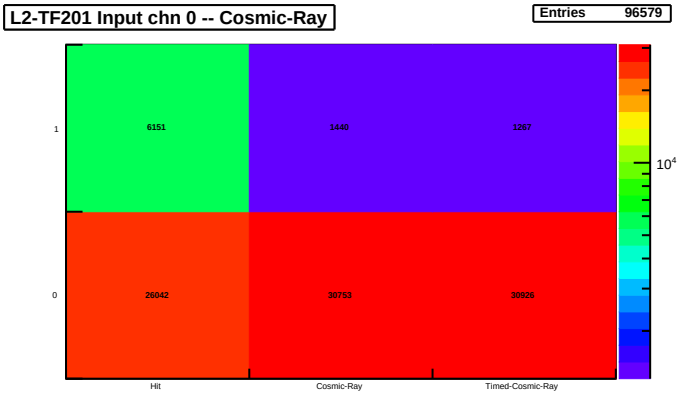

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

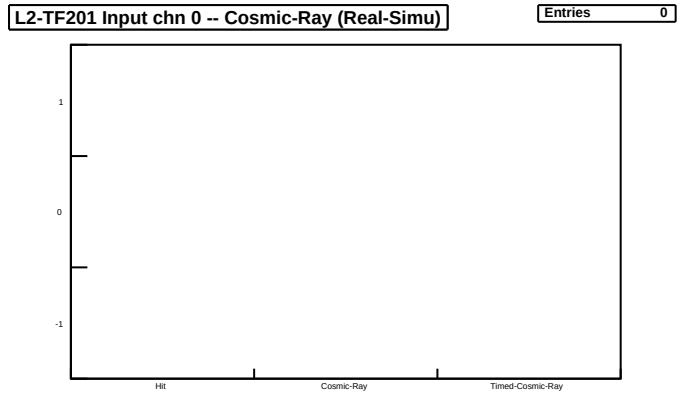

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 257544
Fired
653
620
4730
4597
2922
3011
2732
3136
31540
31573
27463
27596
29271
29182
29461
29057
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

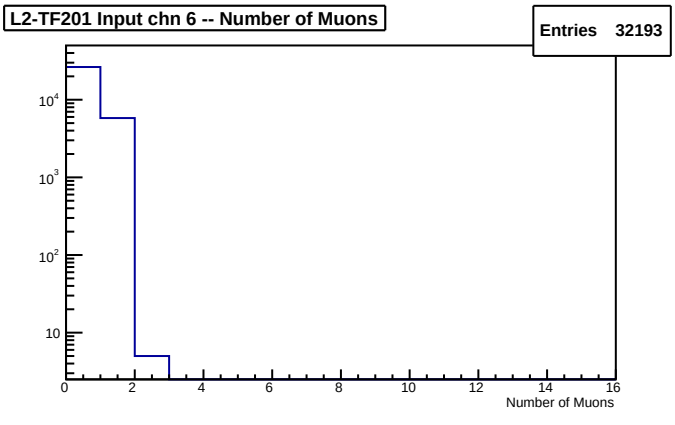

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

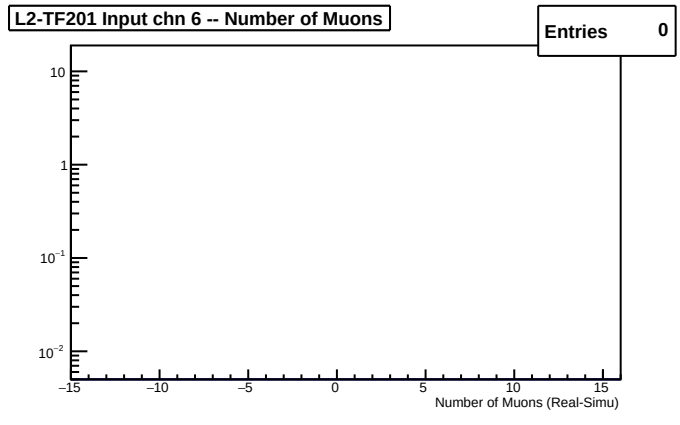

L2-TF201 Input chn 0 -- Number of Muons
Entries 32193
Number of Muons

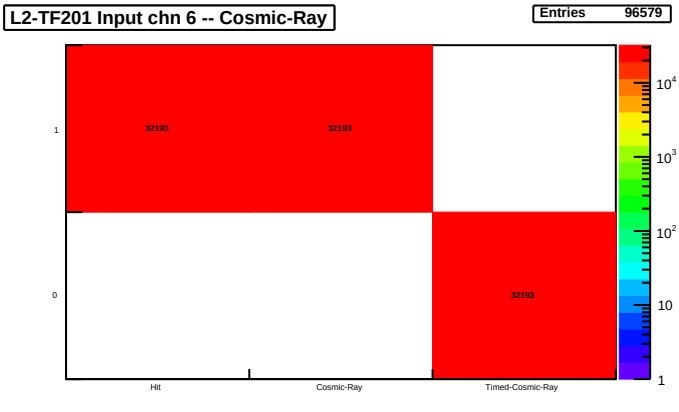

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

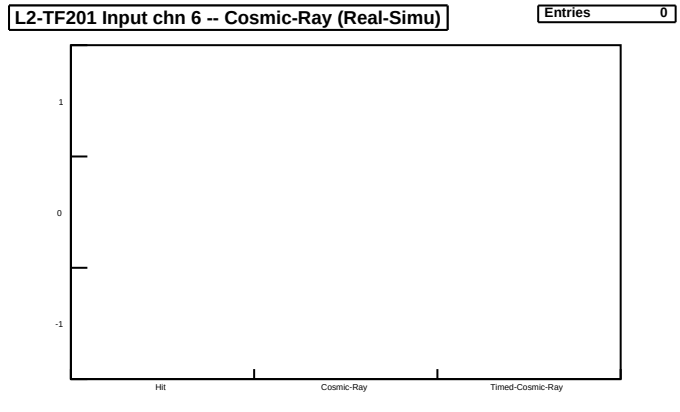

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 96579
6151
1440
1267
26042
30753
30926
Hit
Cosmic-Ray
Timed-Cosmic-Ray

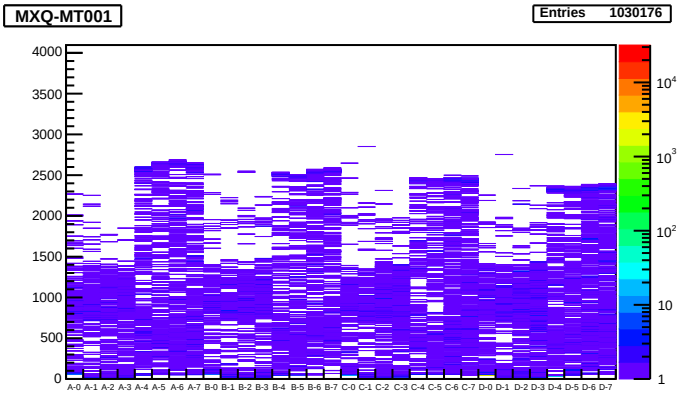

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

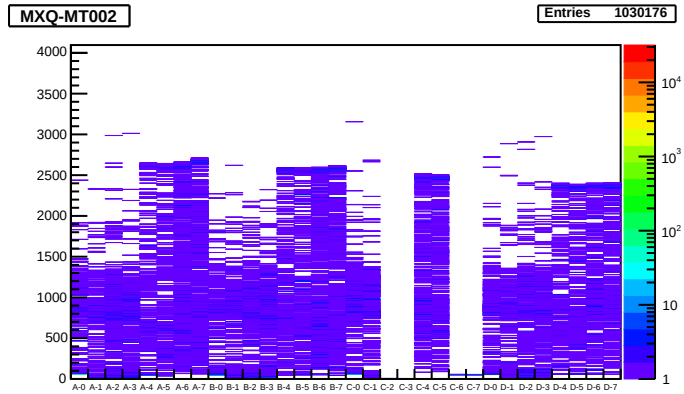

L2-TF201 Input chn 6 -- Number of Muons
Entries 32193
Number of Muons

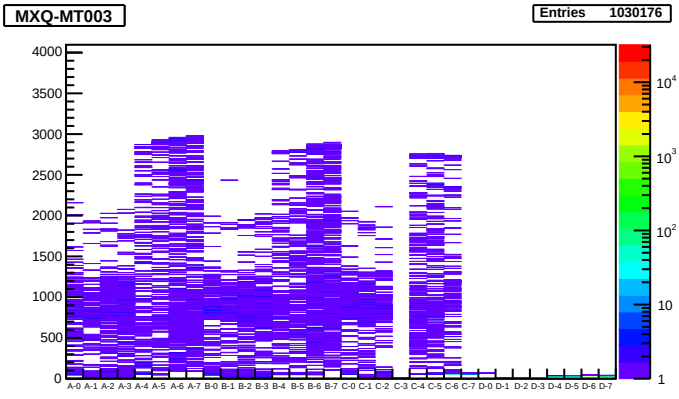

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

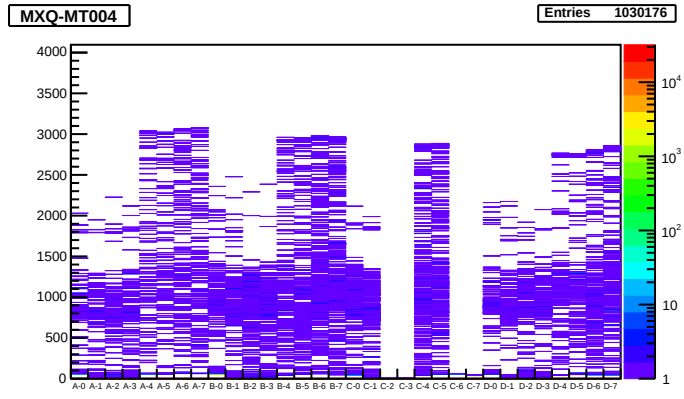

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 96579
32193
32193
32193
Hit
Cosmic-Ray
Timed-Cosmic-Ray

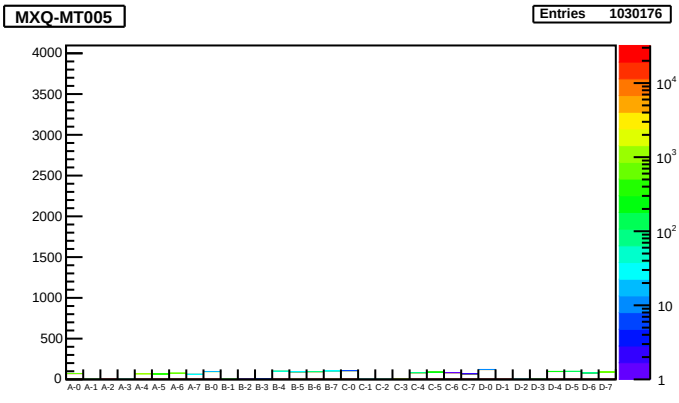

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

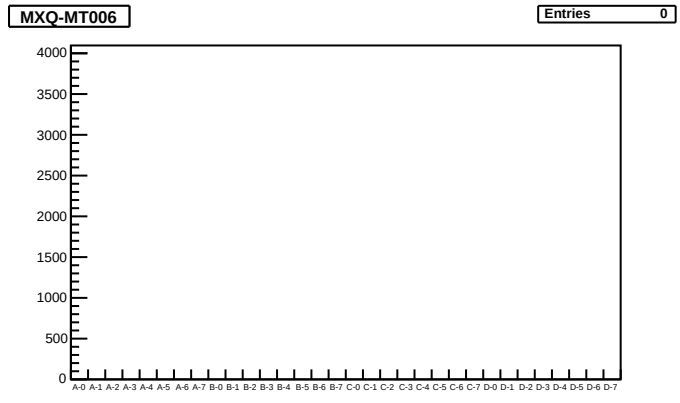

MXQ-MT001
Entries 1030176

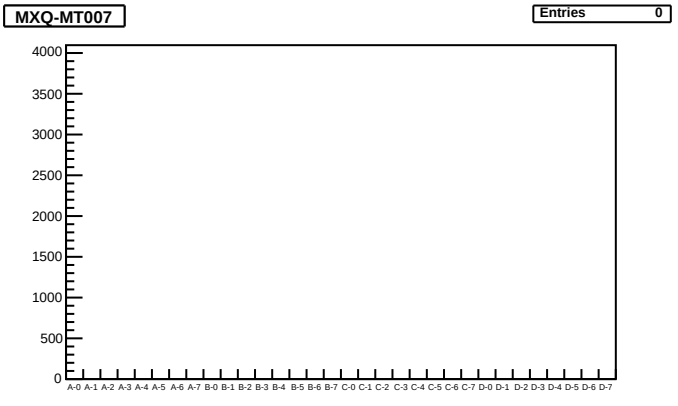

MXQ-MT002
Entries 1030176

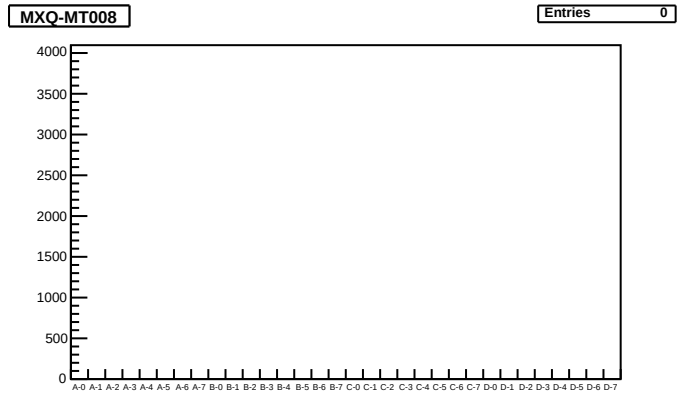

MXQ-MT003
Entries 1030176

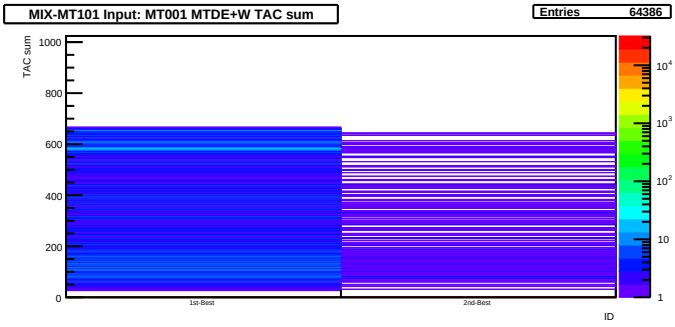

MXQ-MT004
Entries 1030176

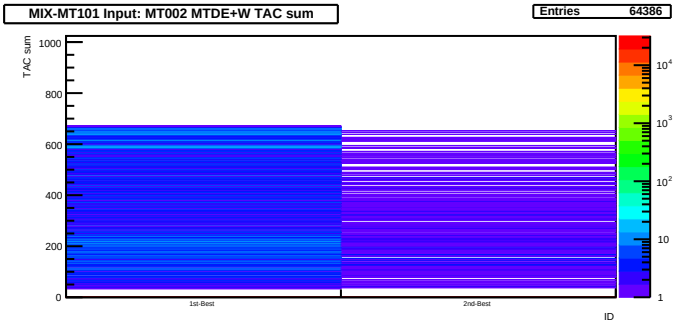

MXQ-MT005
Entries 1030176

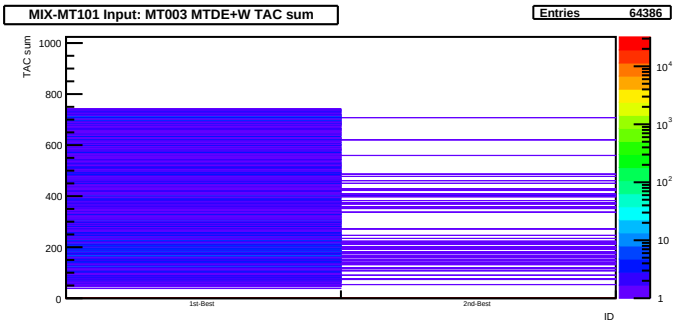

MXQ-MT006
Entries 0

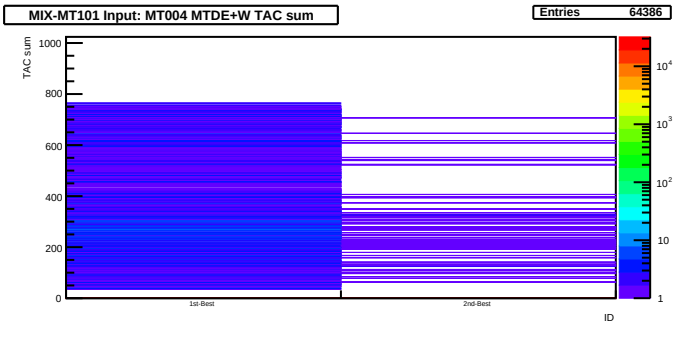

MXQ-MT007
Entries 0

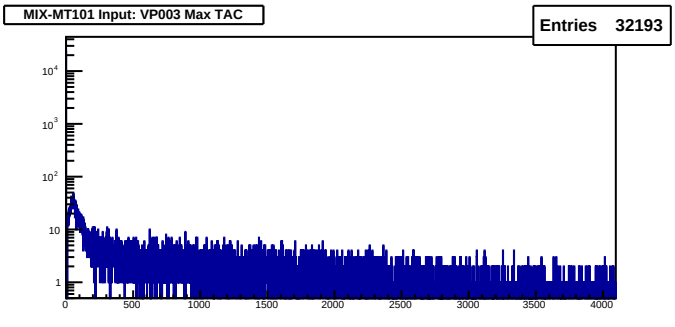

MXQ-MT008
Entries 0

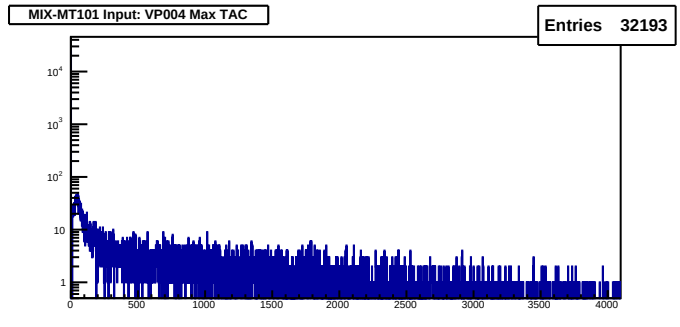

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 64386
TAC sum
1st-Best
2nd-Best
ID

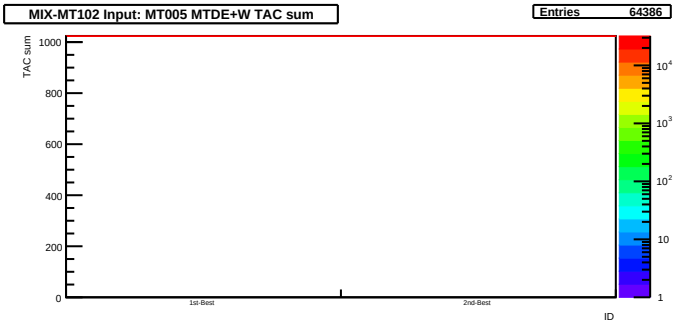

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 64386
TAC sum
1st-Best
2nd-Best
ID

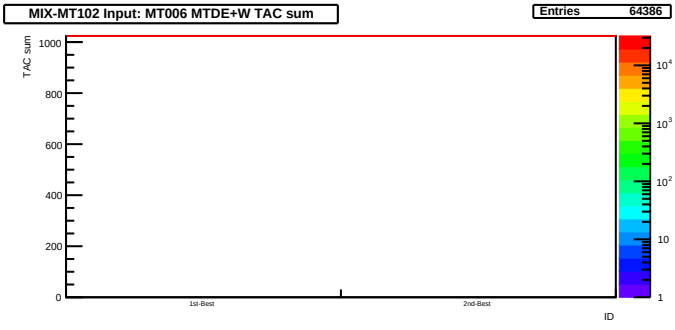

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 64386
TAC sum
1st-Best
2nd-Best
ID

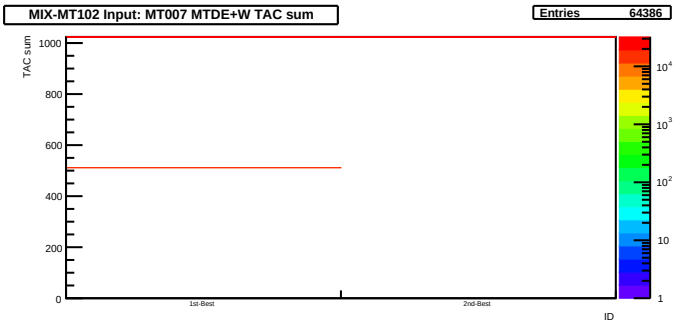

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 64386
TAC sum
1st-Best
2nd-Best
ID

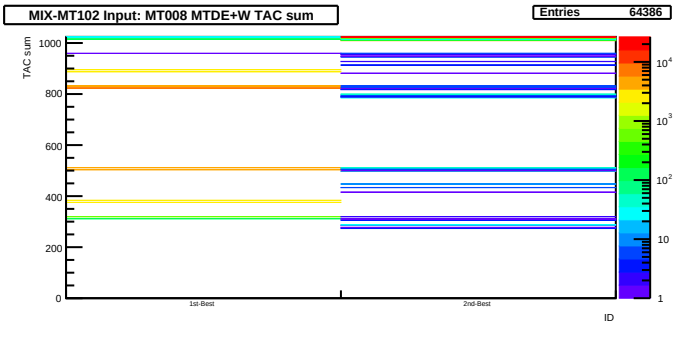

MIX-MT101 Input: VP003 Max TAC
Entries 32193

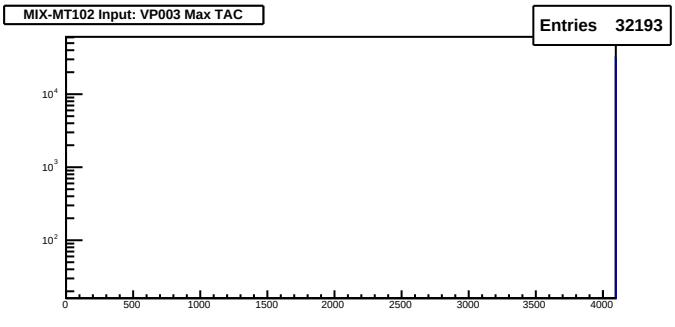

MIX-MT101 Input: VP004 Max TAC
Entries 32193

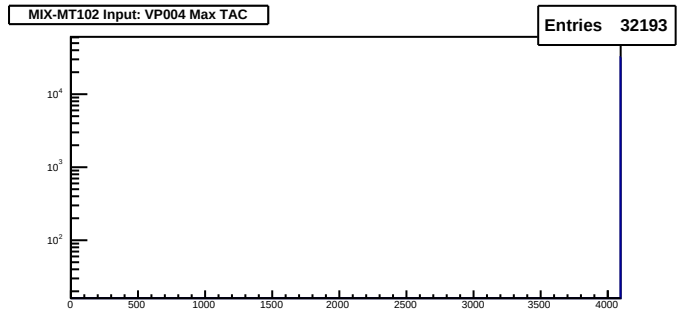

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 64386
TAC sum
1st-Best
2nd-Best
ID

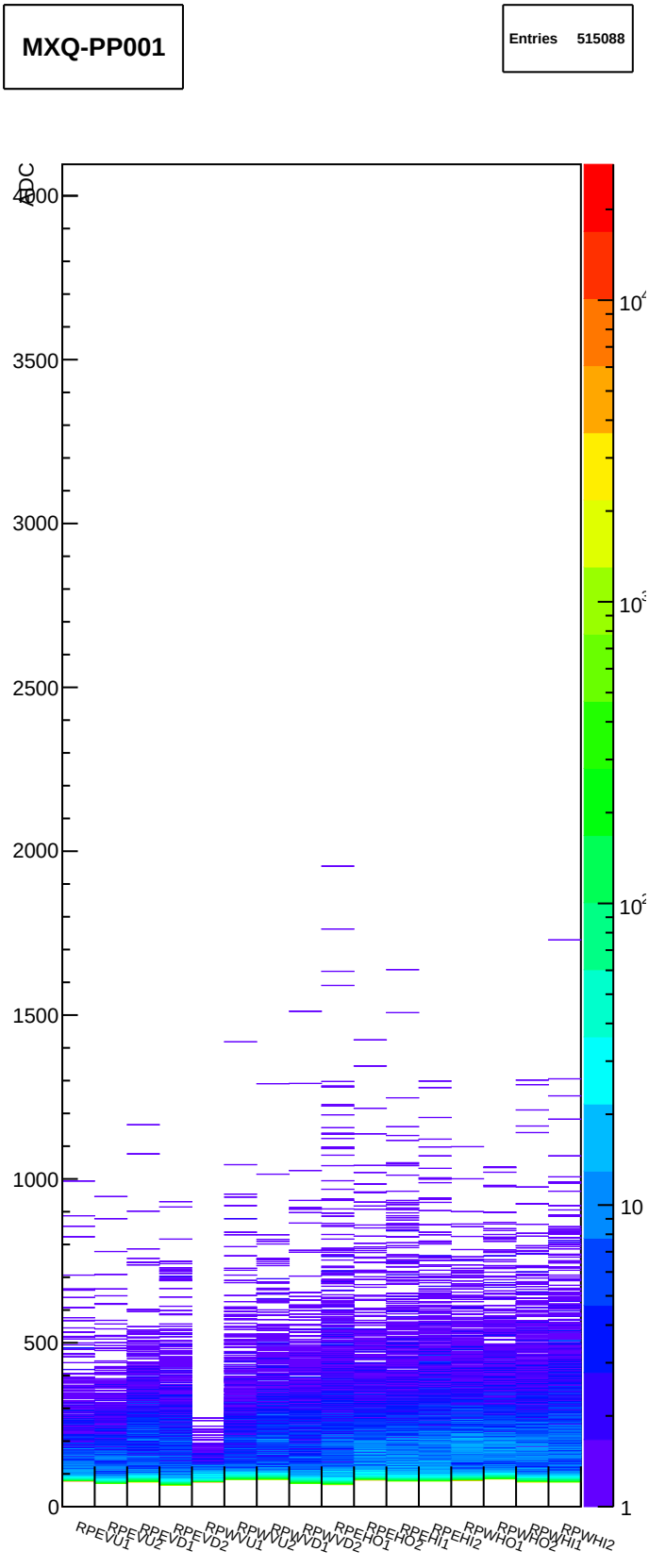

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 64386
TAC sum
1st-Best
2nd-Best
ID

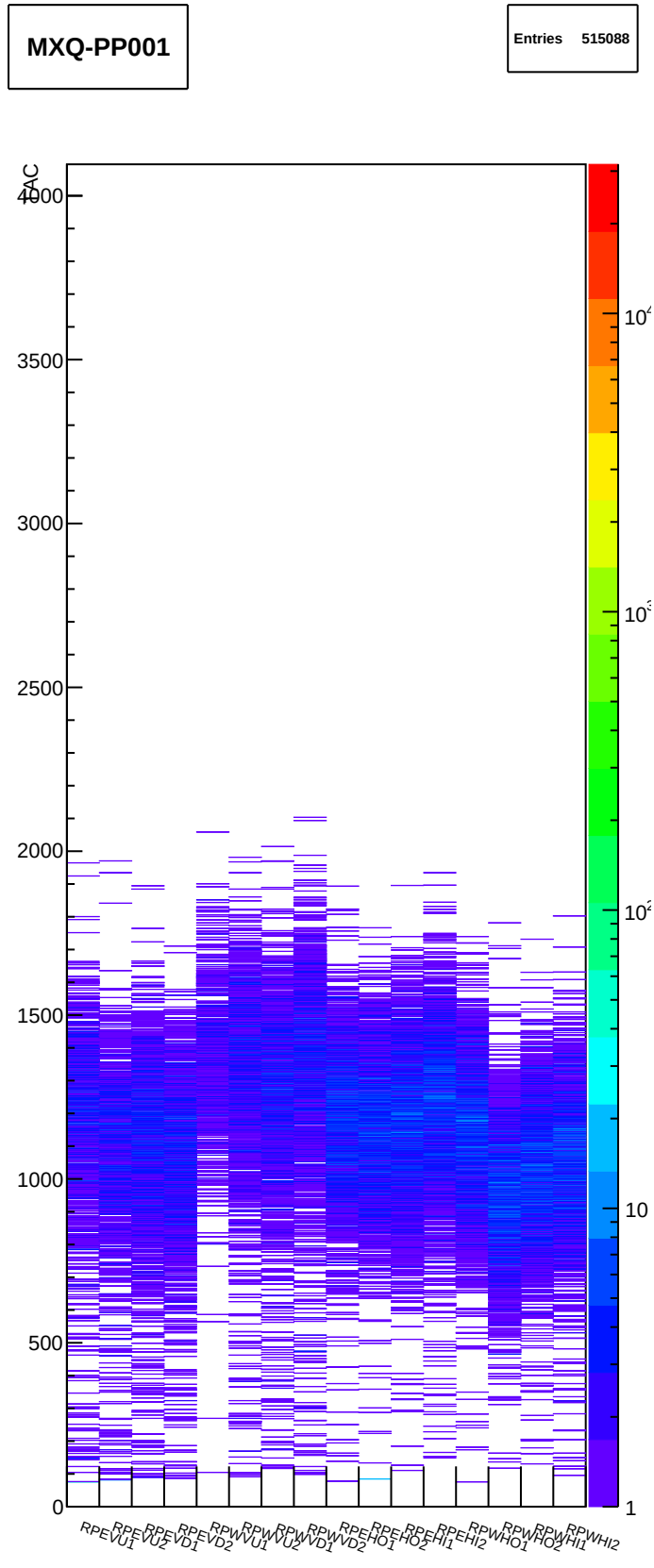

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 64386
TAC sum
1st-Best
2nd-Best
ID

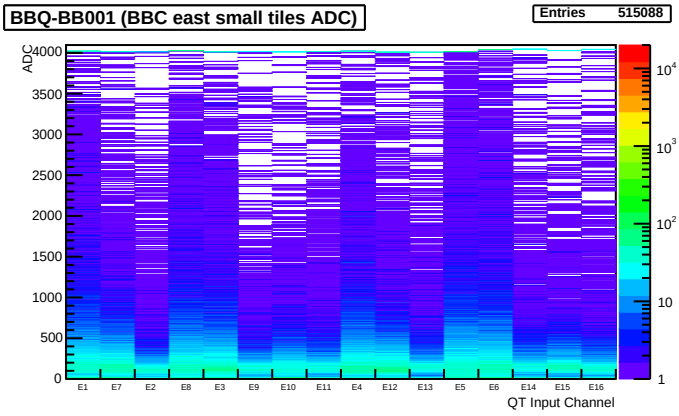

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 64386
TAC sum
1st-Best
2nd-Best
ID

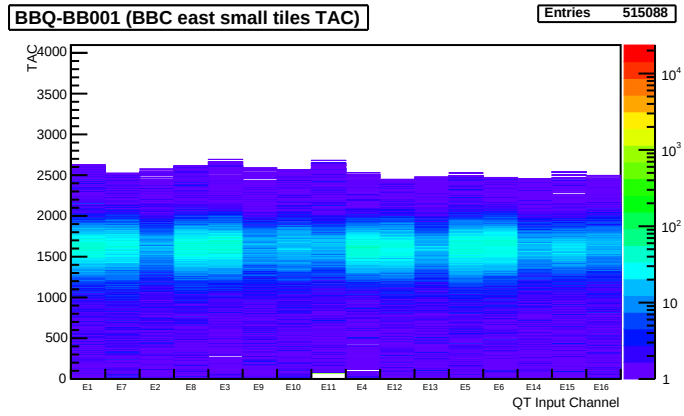

MIX-MT102 Input: VP003 Max TAC
Entries 32193

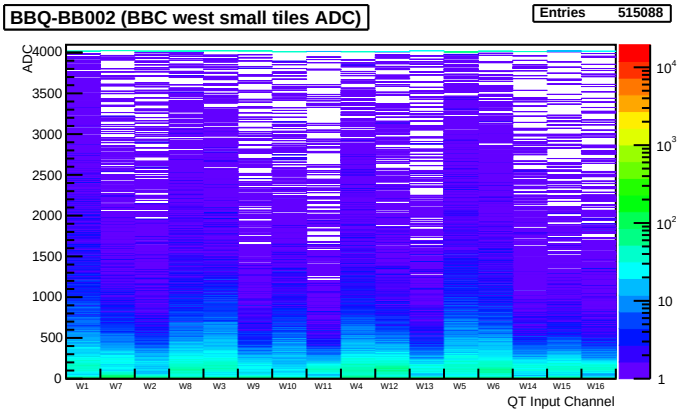

MIX-MT102 Input: VP004 Max TAC
Entries 32193

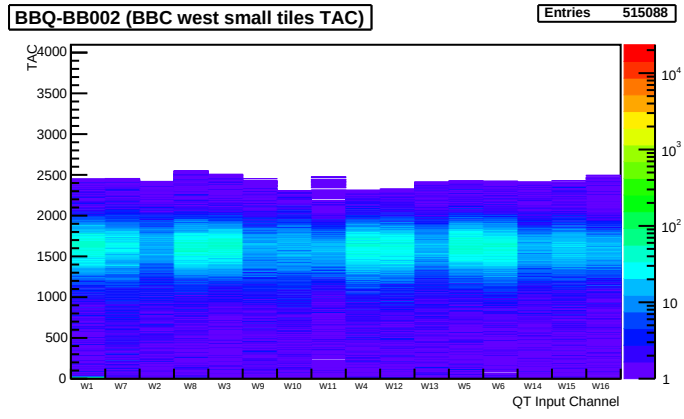

MXQ-PP001
Entries 515088
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^4
10^3
10^2
10
1

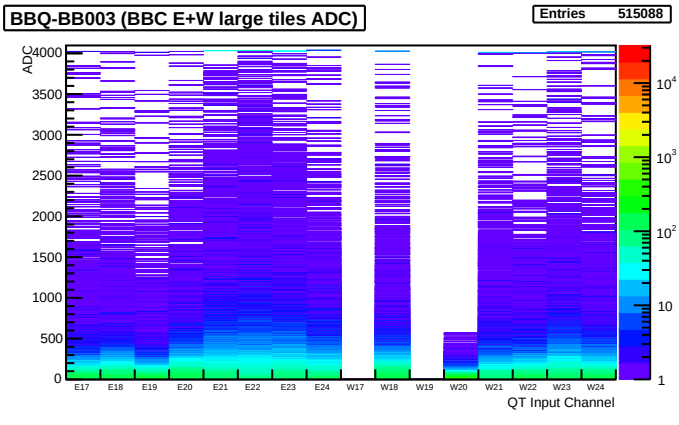

MXQ-PP001
Entries 515088
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^4
10^3
10^2
10
1

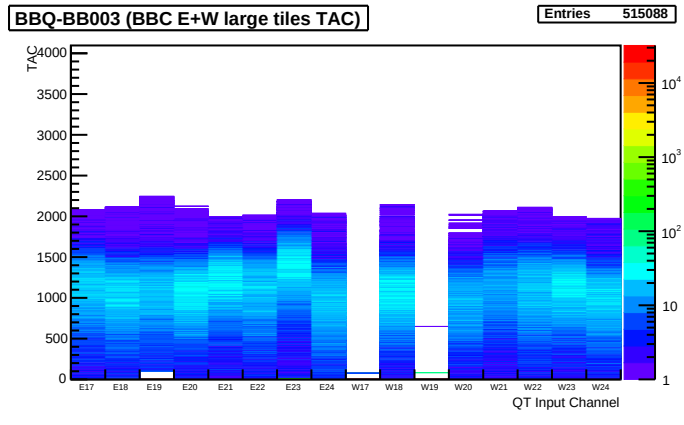

BBQ-BB001 (BBC east small tiles ADC)
Entries 515088
ADC
QT Input Channel

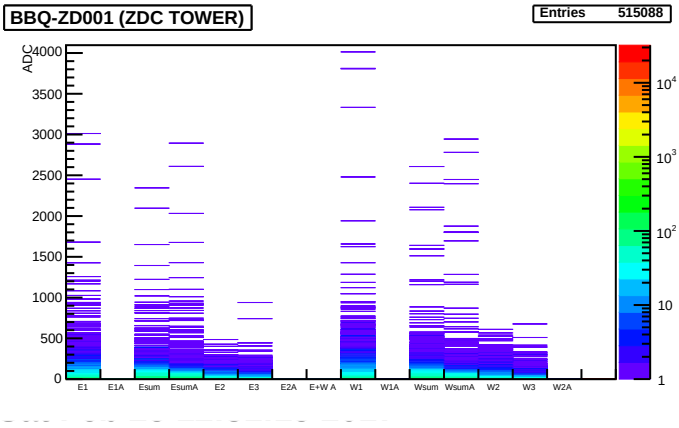

BBQ-BB001 (BBC east small tiles TAC)
Entries 515088
TAC
QT Input Channel

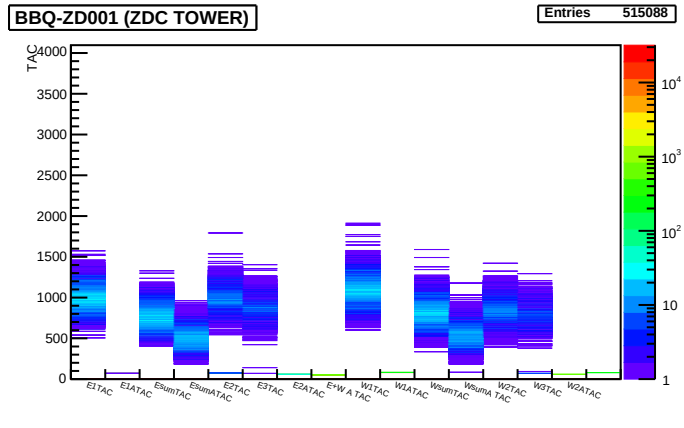

BBQ-BB002 (BBC west small tiles ADC)
Entries 515088
ADC
QT Input Channel

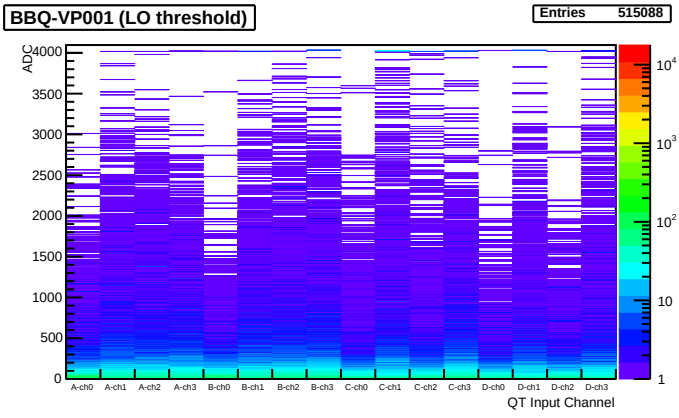

BBQ-BB002 (BBC west small tiles TAC)
Entries 515088
TAC
QT Input Channel

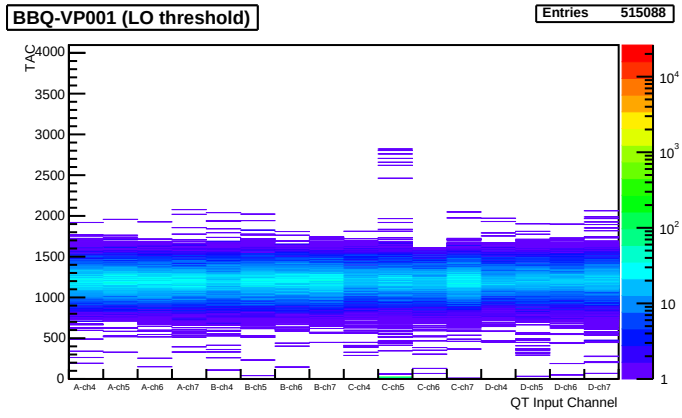

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 515088
ADC
QT Input Channel

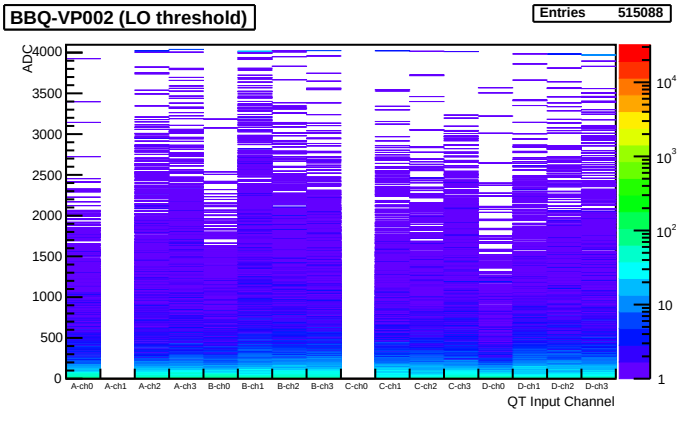

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 515088
TAC
QT Input Channel

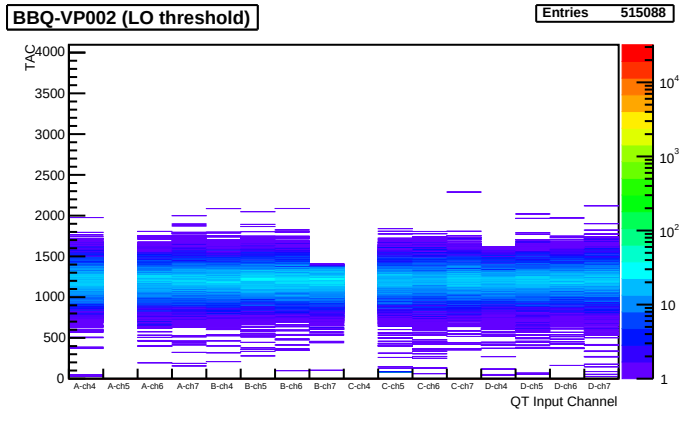

BBQ-ZD001 (ZDC TOWER)
Entries 515088
ADC

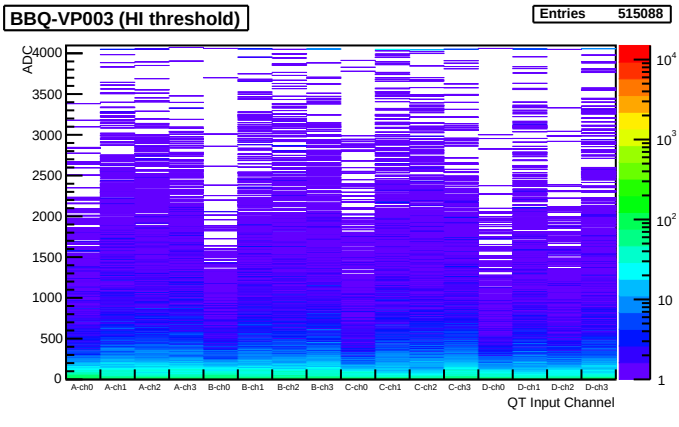

BBQ-ZD001 (ZDC TOWER)
Entries 515088
TAC

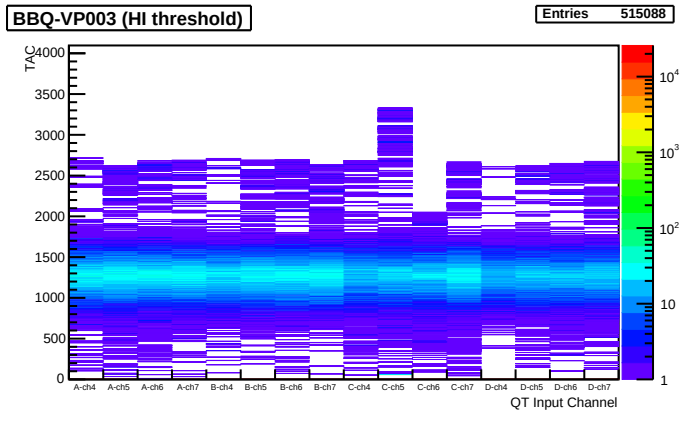

BBQ-VP001 (LO threshold)
Entries 515088
ADC
QT Input Channel

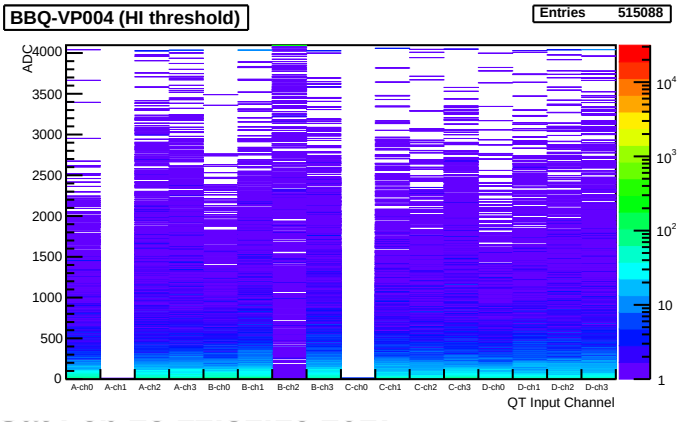

BBQ-VP001 (LO threshold)
Entries 515088
TAC
QT Input Channel

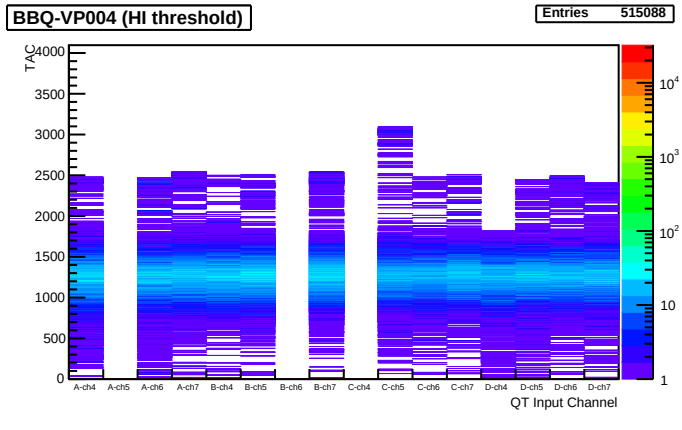

BBQ-VP002 (LO threshold)
Entries 515088
ADC
QT Input Channel

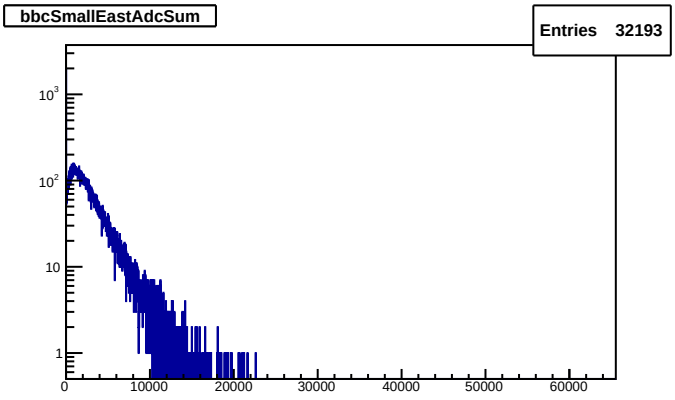

BBQ-VP002 (LO threshold)
Entries 515088
TAC
QT Input Channel

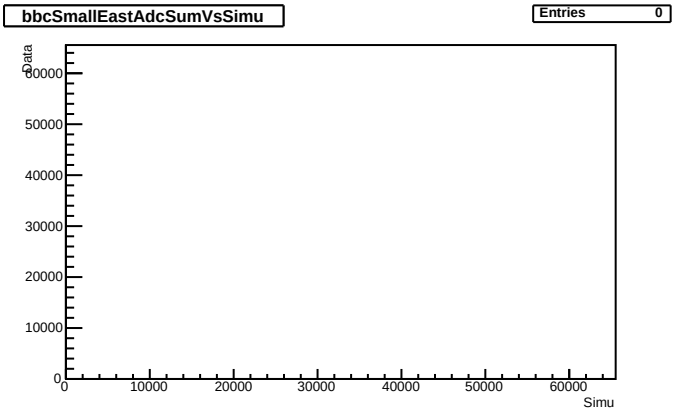

BBQ-VP003 (HI threshold)
Entries 515088
ADC
QT Input Channel

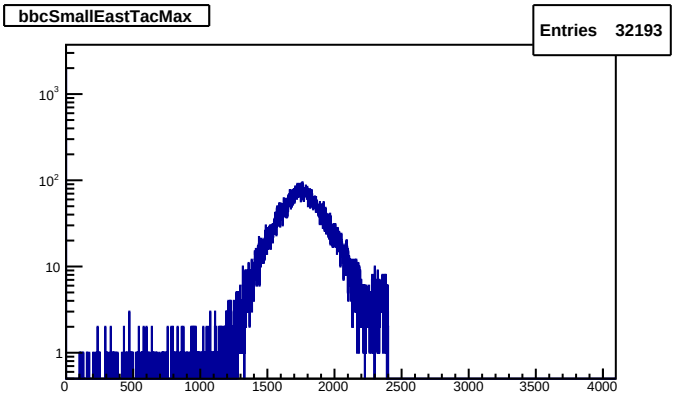

BBQ-VP003 (HI threshold)
Entries 515088
TAC
QT Input Channel

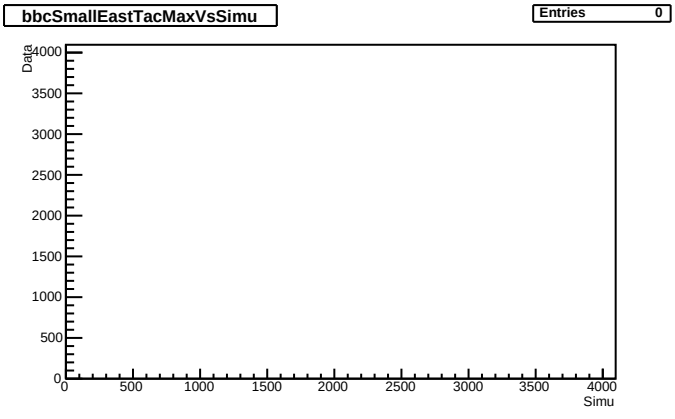

BBQ-VP004 (HI threshold)
Entries 515088
ADC
QT Input Channel

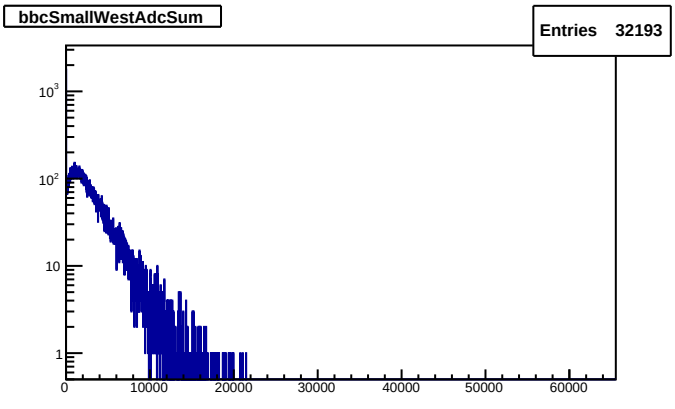

BBQ-VP004 (HI threshold)
Entries 515088
TAC
QT Input Channel

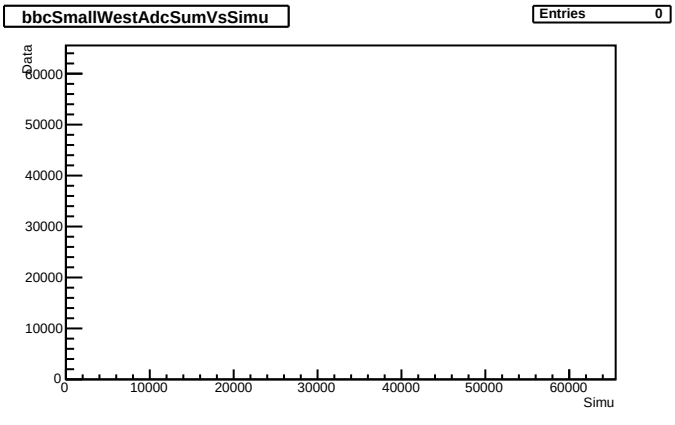

bbcSmallEastAdcSum
Entries 32193

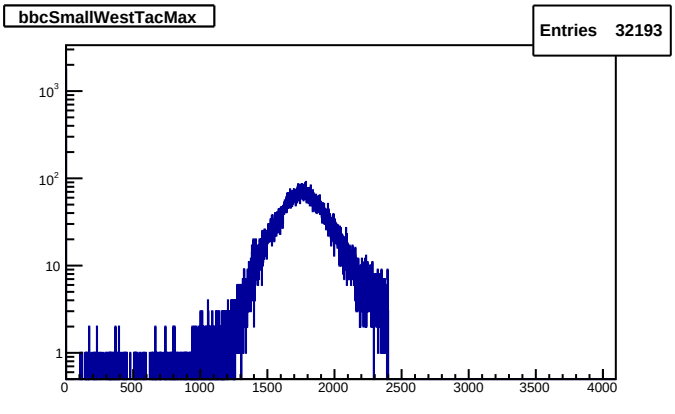

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

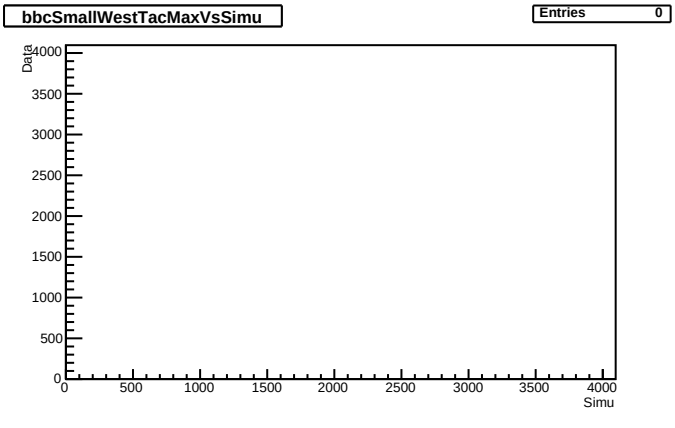

bbcSmallEastTacMax
Entries 32193

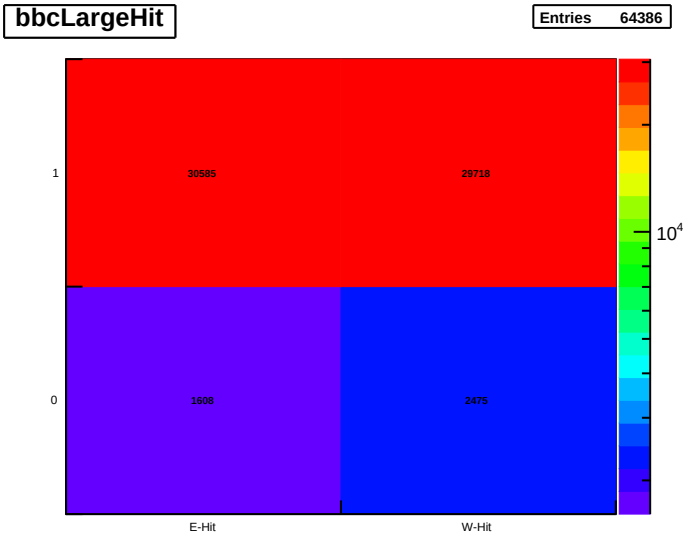

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

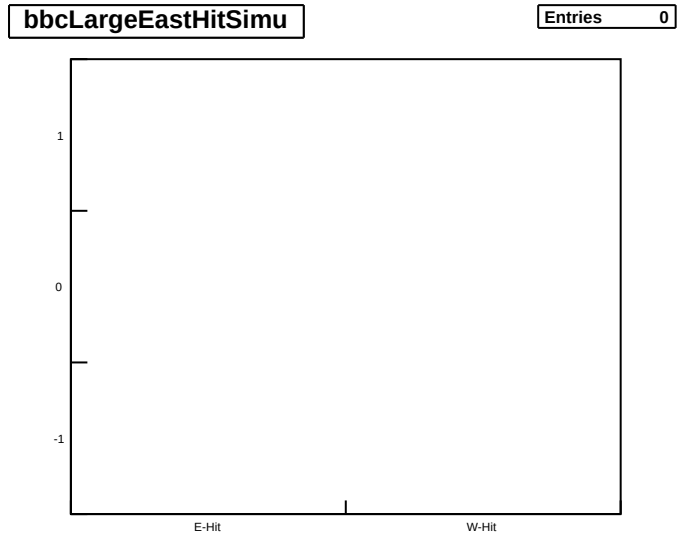

bbcSmallWestAdcSum
Entries 32193

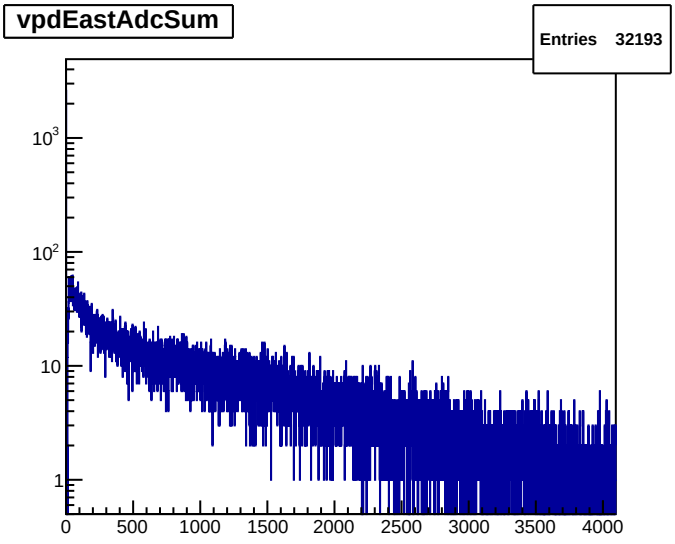

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

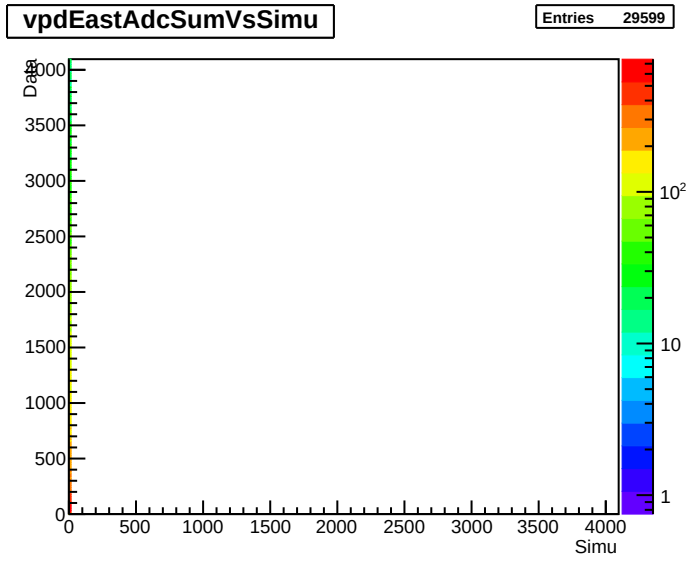

bbcSmallWestTacMax
Entries 32193

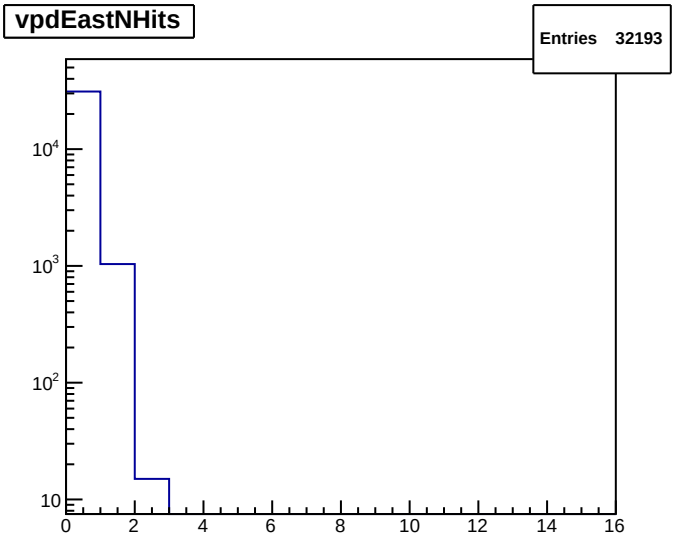

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

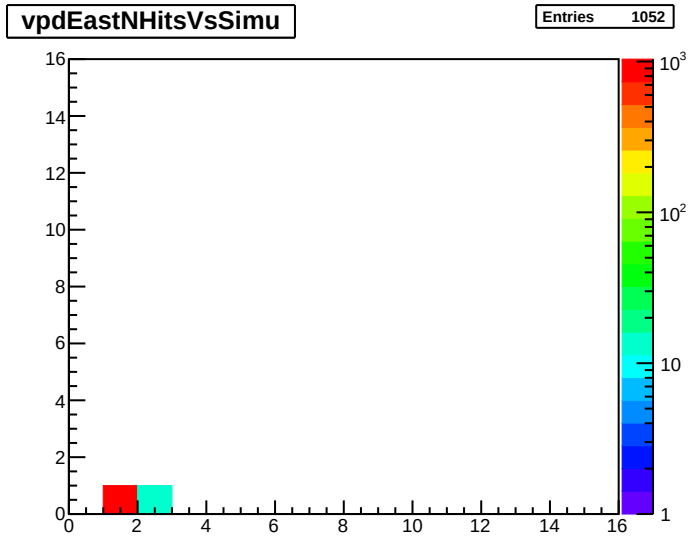

bbcLargeHit
Entries 64386
1
0
30585
29718
1608
2475
E-Hit
W-Hit
$10^4$

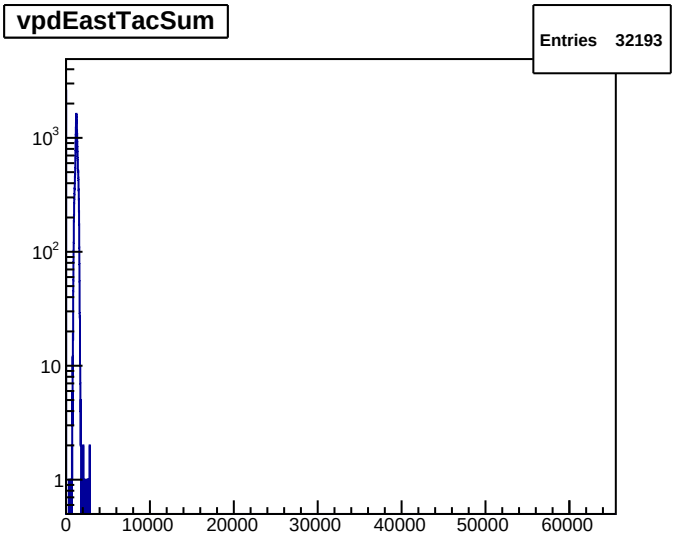

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

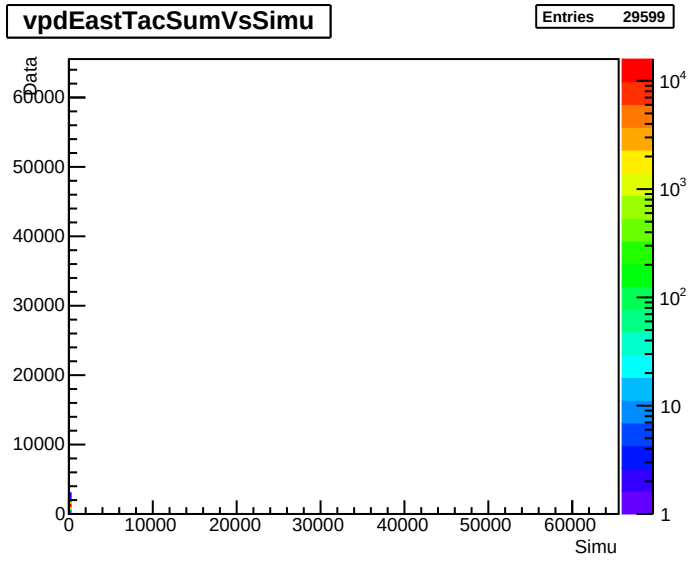

vpdEastAdcSum
Entries 32193

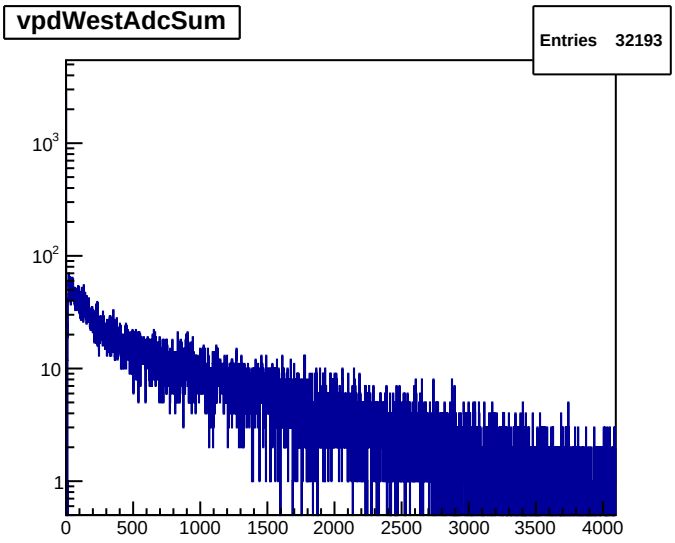

vpdEastAdcSumVsSimu
Entries 29599
Data
Simu

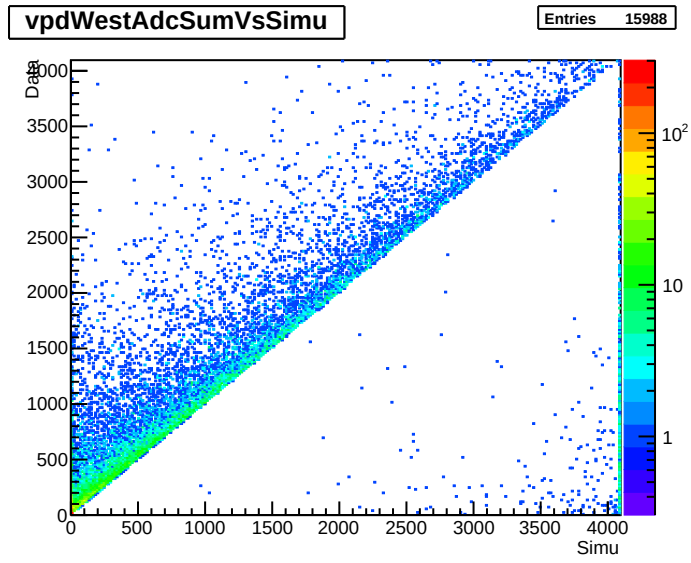

vpdEastNHits
Entries 32193

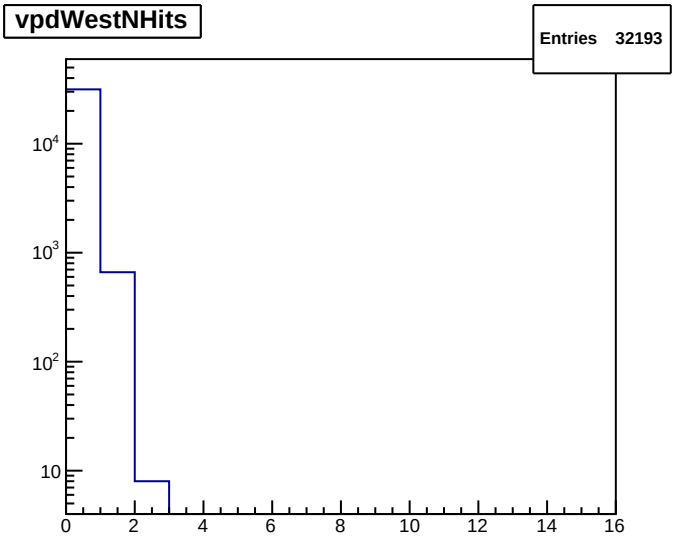

vpdEastNHitsVsSimu
Entries 1052

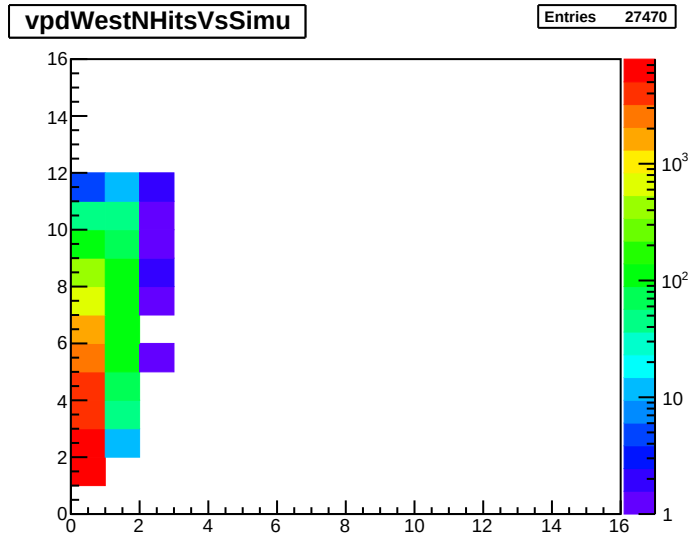

vpdEastTacSum
Entries 32193

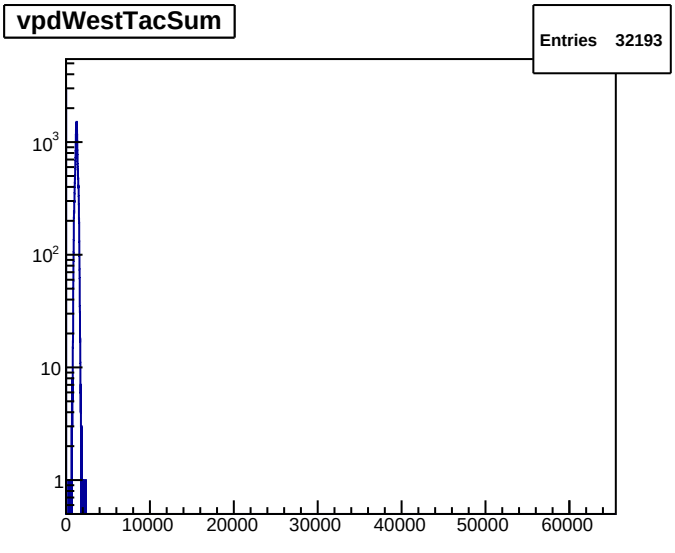

vpdEastTacSumVsSimu
Entries 29599
Data
Simu

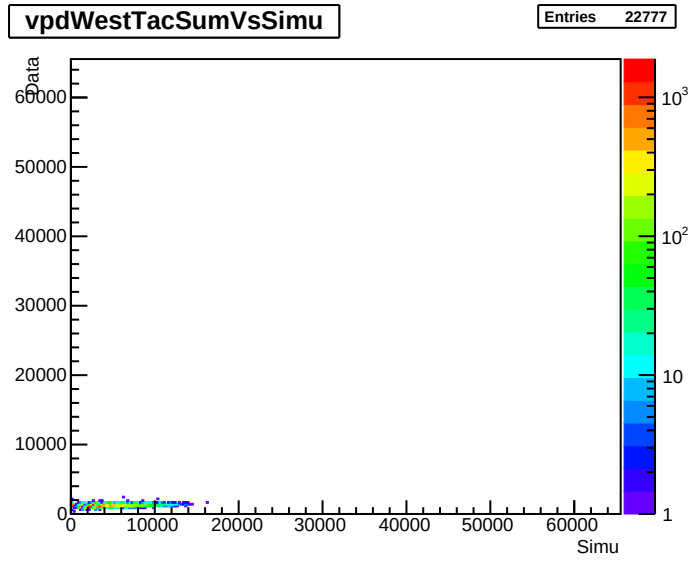

vpdWestAdcSum
Entries 32193

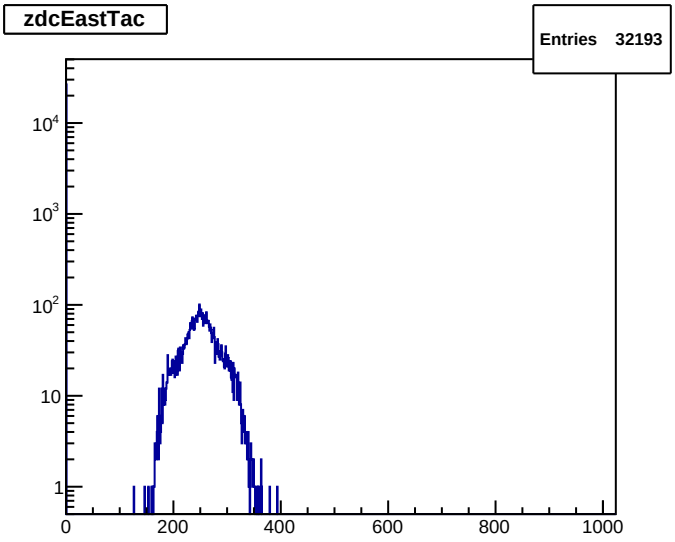

vpdWestAdcSumVsSimu
Entries 15988
Data
Simu

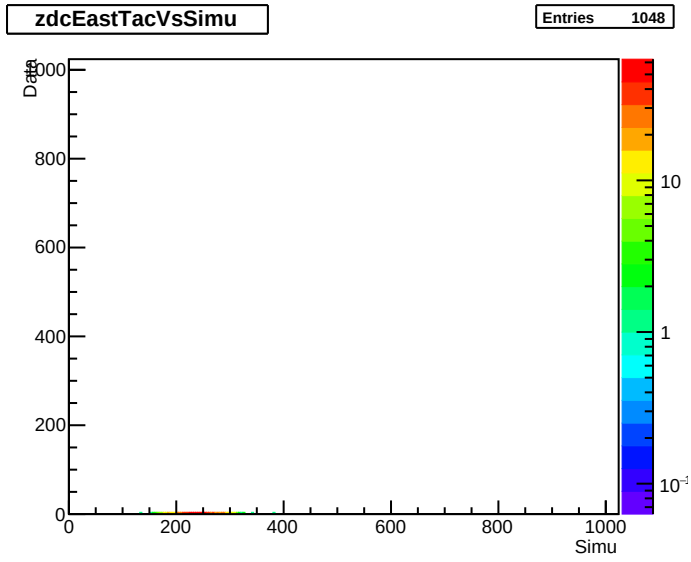

vpdWestNHits
Entries 32193

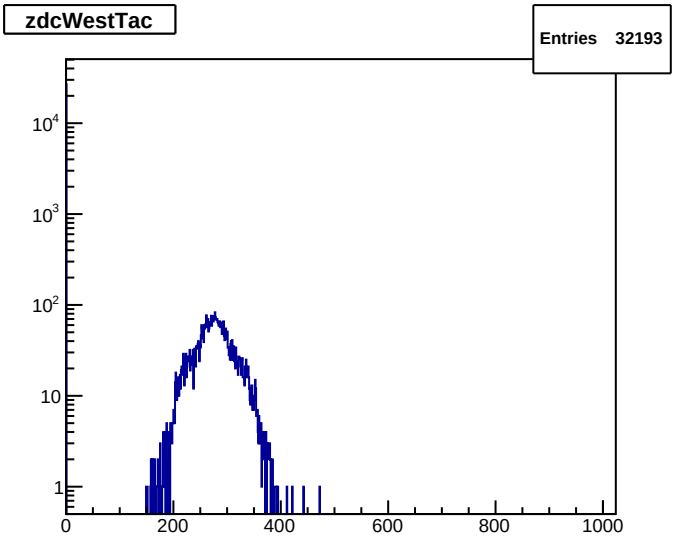

vpdWestNHitsVsSimu
Entries 27470

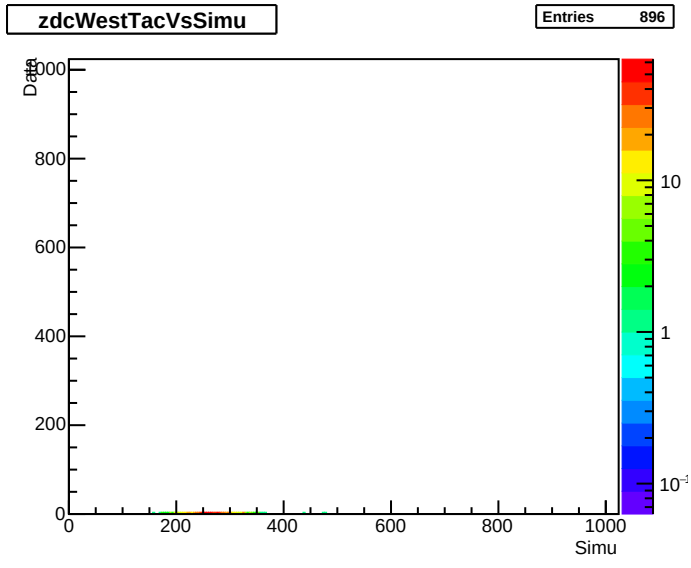

vpdWestTacSum
Entries 32193

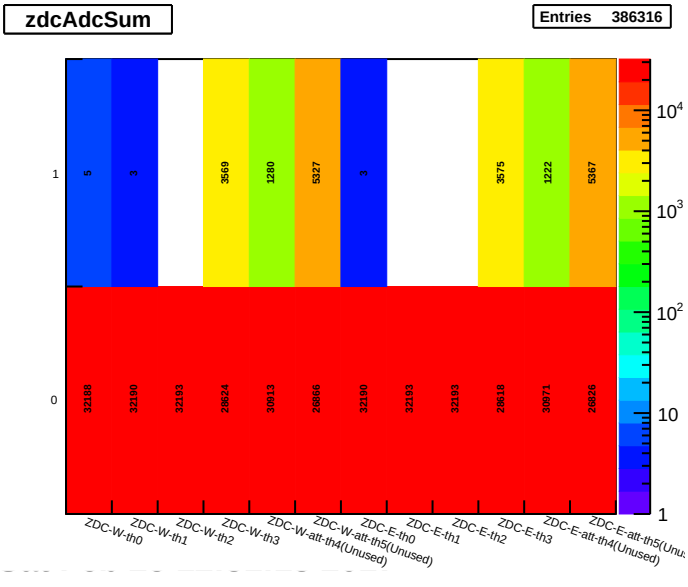

vpdWestTacSumVsSimu
Entries 22777
Data
Simu

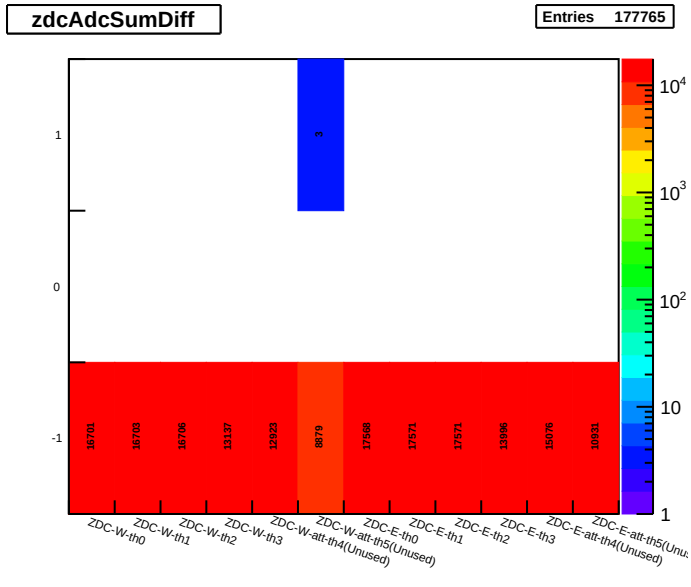

zdcEastTac
Entries 32193

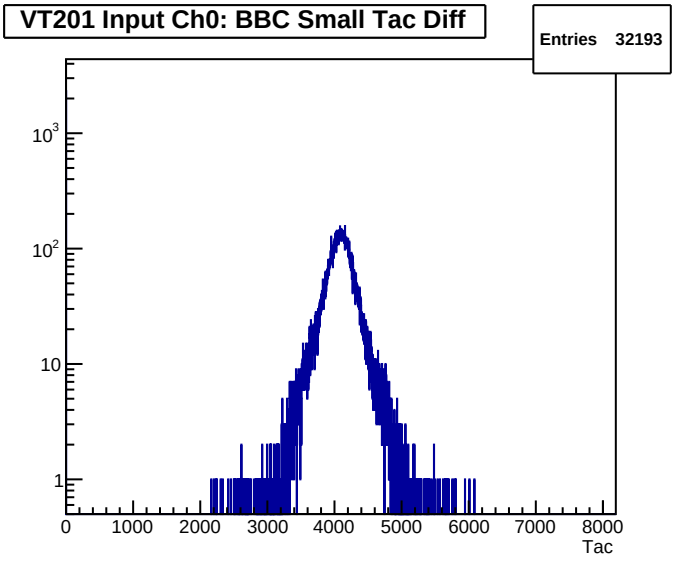

zdcEastTacVsSimu
Entries 1048
Data
Simu

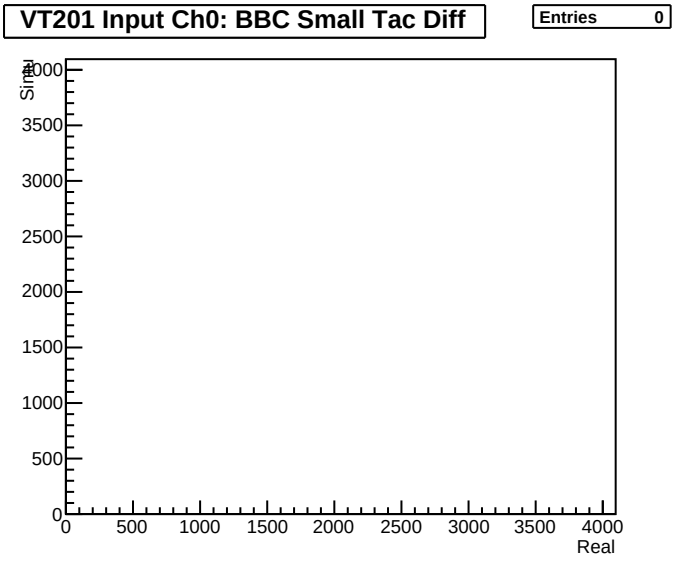

zdcWestTac
Entries 32193

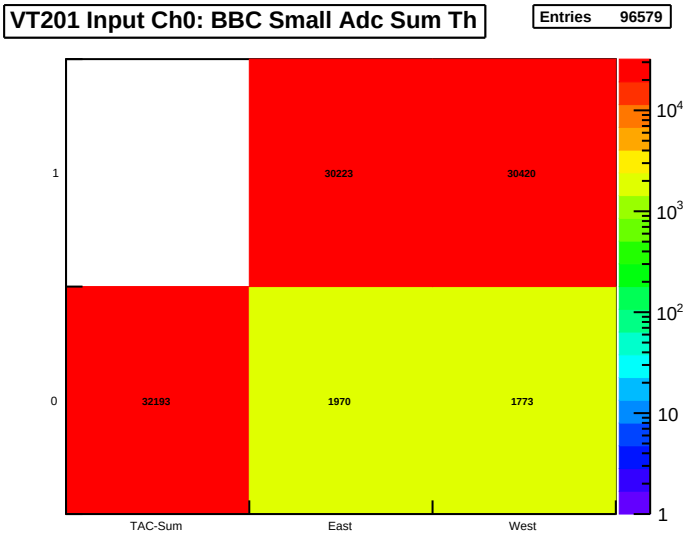

zdcWestTacVsSimu
Entries 896
Data
Simu

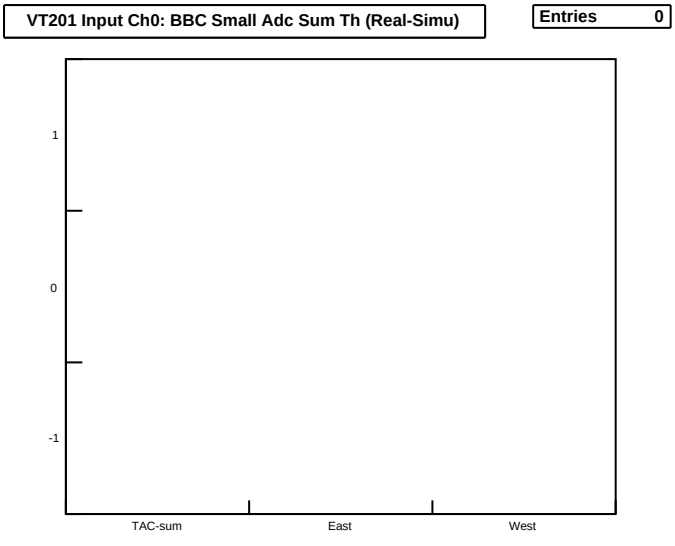

zdcAdcSum
Entries 386316
5
3
3569
1280
5327
3
3575
1222
5367
32188
32190
32193
28624
30813
26066
32190
32193
32193
28618
30971
28826
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

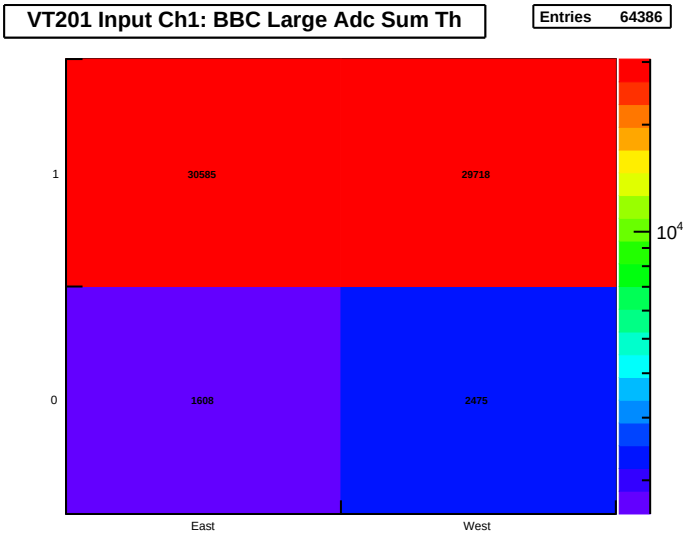

zdcAdcSumDiff
Entries 177765
3
16701
16703
16706
13137
12323
8379
17568
17571
17571
13996
15076
10931
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

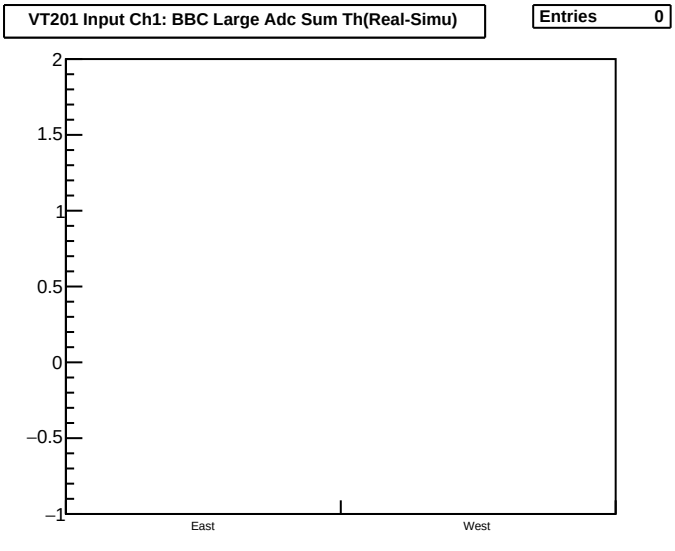

VT201 Input Ch0: BBC Small Tac Diff
Entries 32193
Tac


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

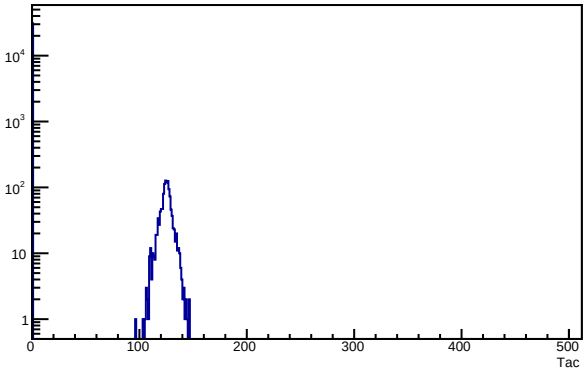

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 96579
30223
30420
32193
1970
1773
TAC-Sum
East
West


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

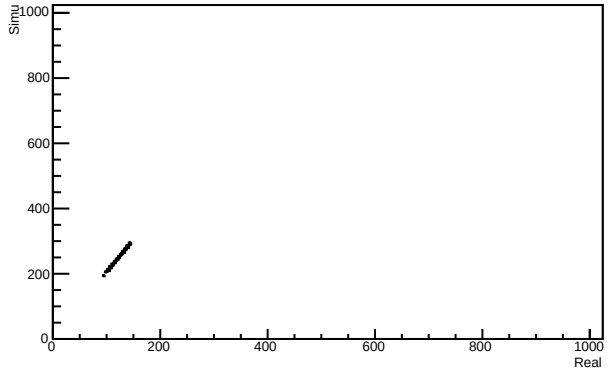

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 64386
30585
29718
1608
2475
East
West


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

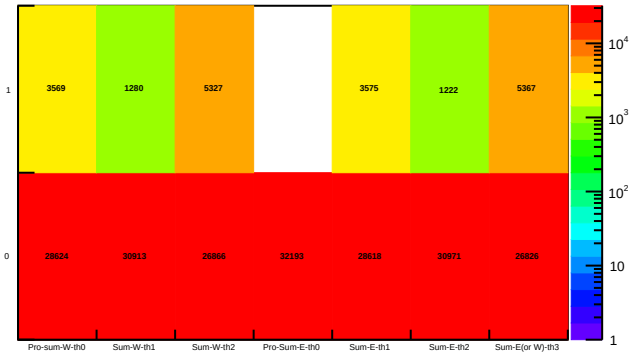
**VT201 Input Ch2: ZDC Tac Diff**



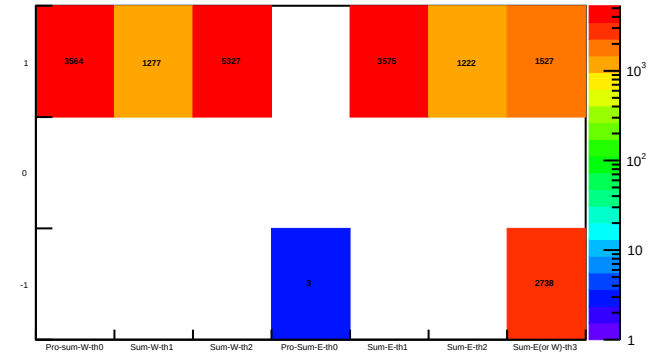

**VT201 Input Ch2: ZDC Tac Diff**



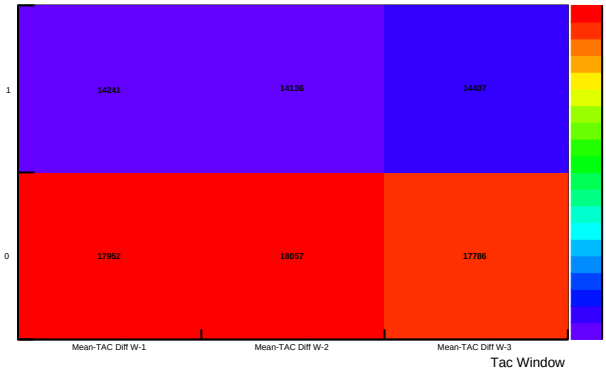

**VT201 Input Ch2: ZDC Adc Sum Th**



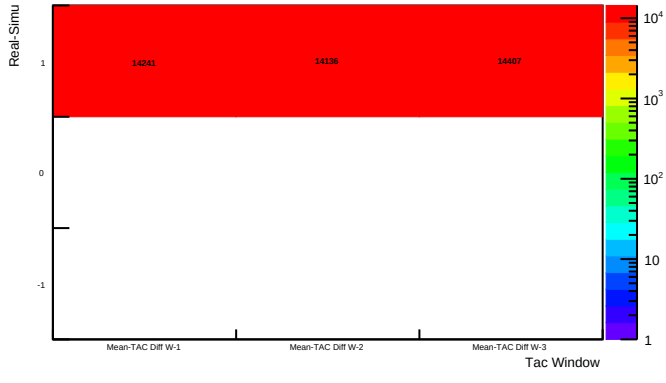

**VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)**



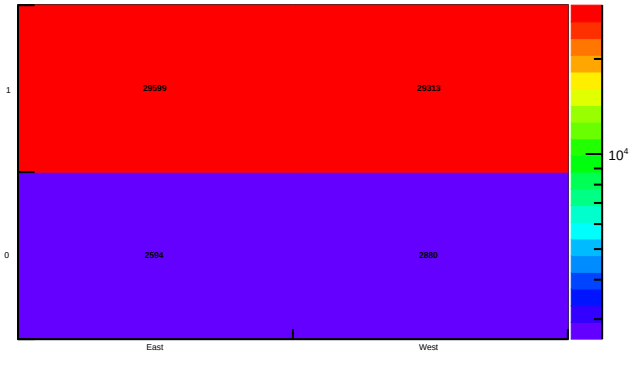

**VT201 Input Ch4: VPD Tac Diff**



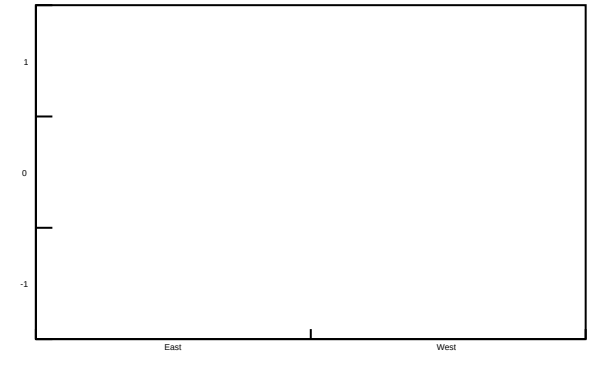

**VT201 Input Ch4: VPD Tac Diff**

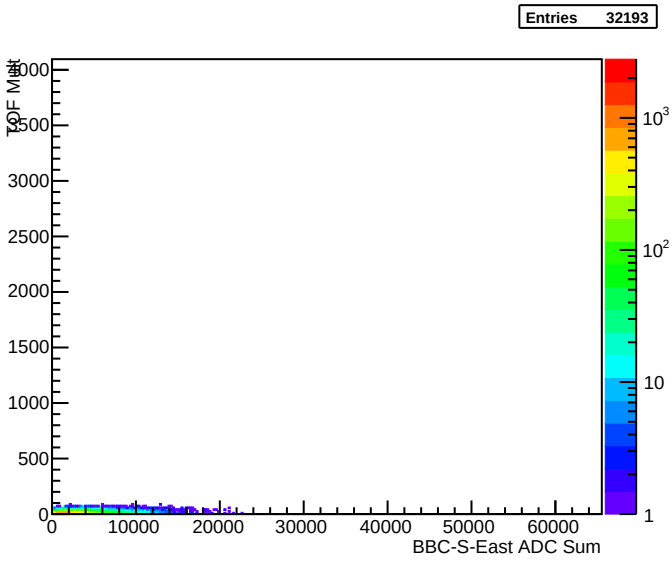


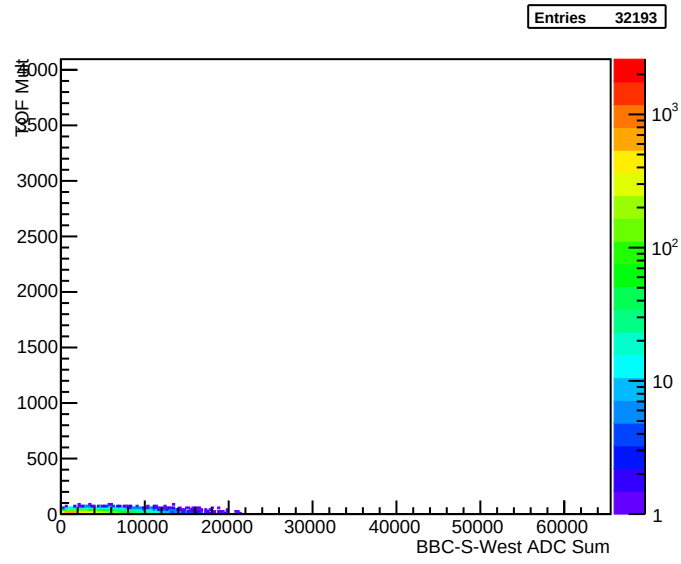

**VT201 Input Ch4: VPD Adc Sum Th**

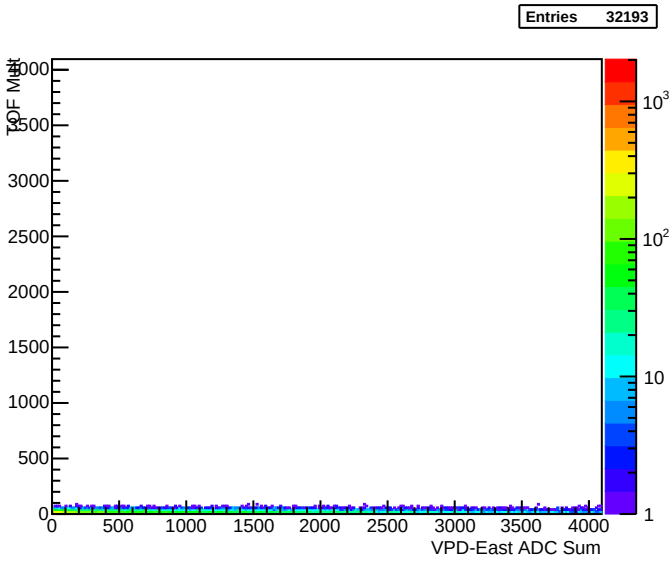


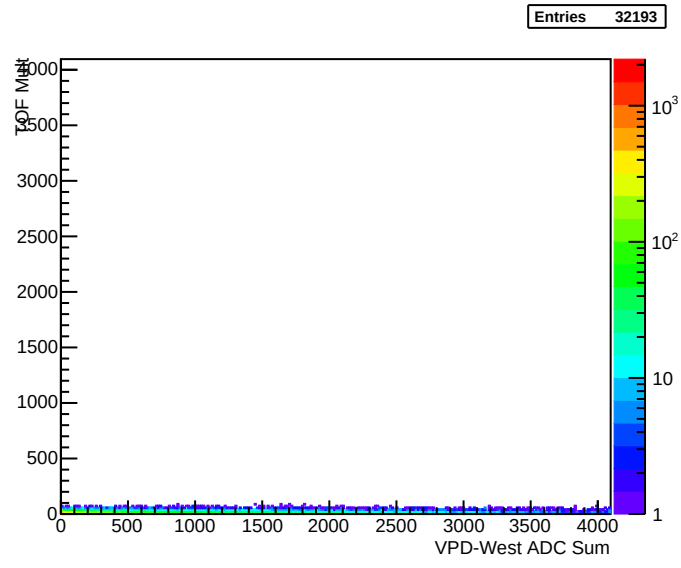

**VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)**

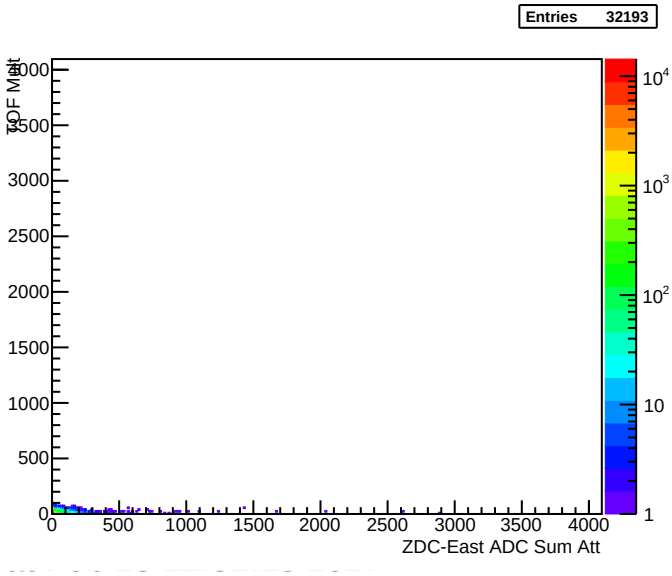


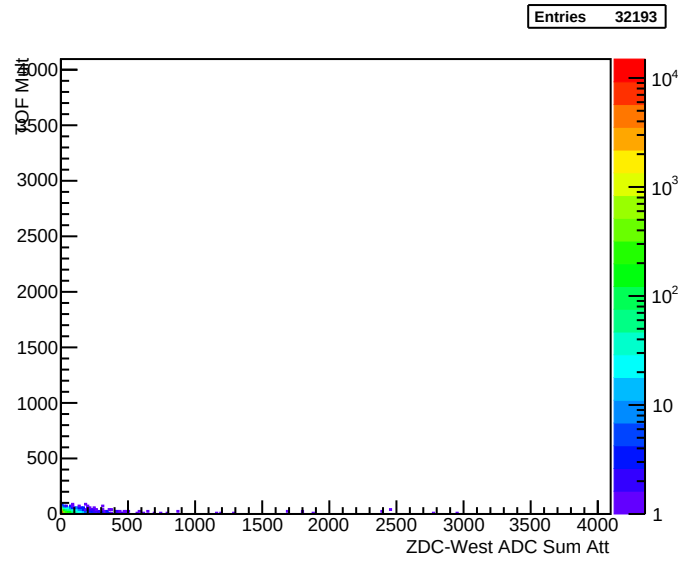

Entries 32193
TOF Mult
BBC-S-East ADC Sum

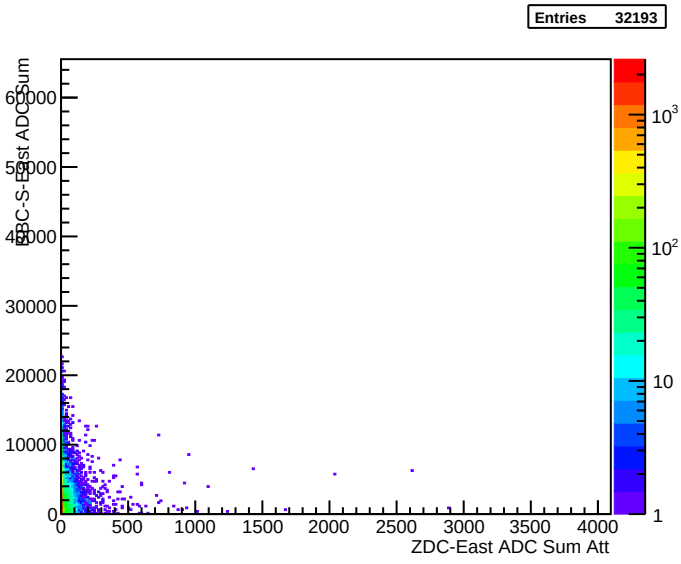

Entries 32193
TOF Mult
BBC-S-West ADC Sum

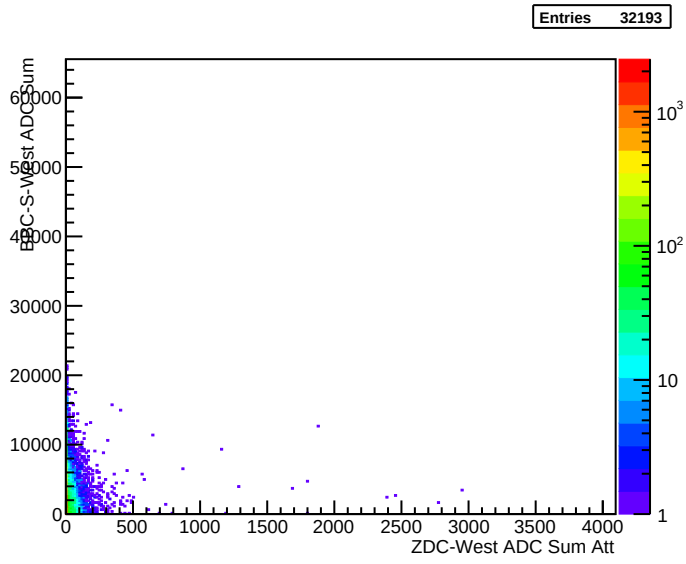

Entries 32193
TOF Mult
VPD-East ADC Sum

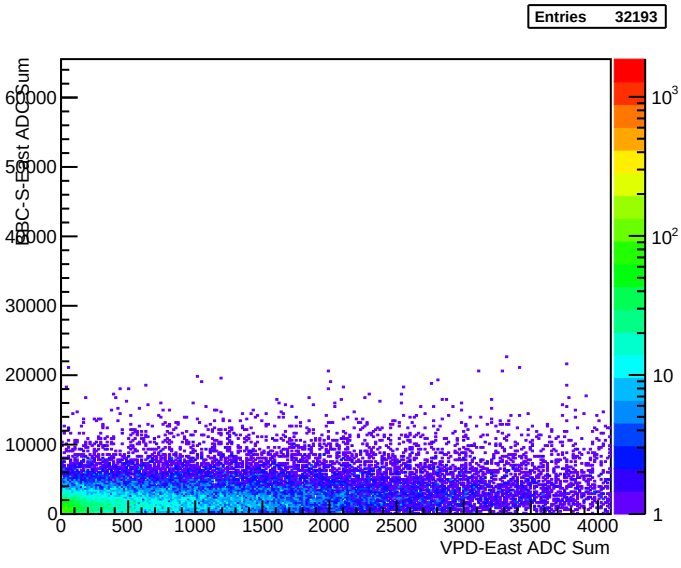

Entries 32193
TOF Mult
VPD-West ADC Sum

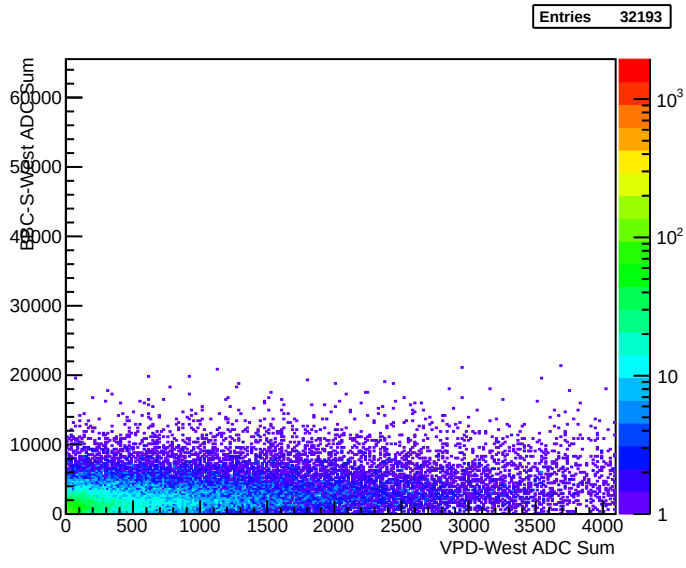

Entries 32193
TOF Mult
ZDC-East ADC Sum Att

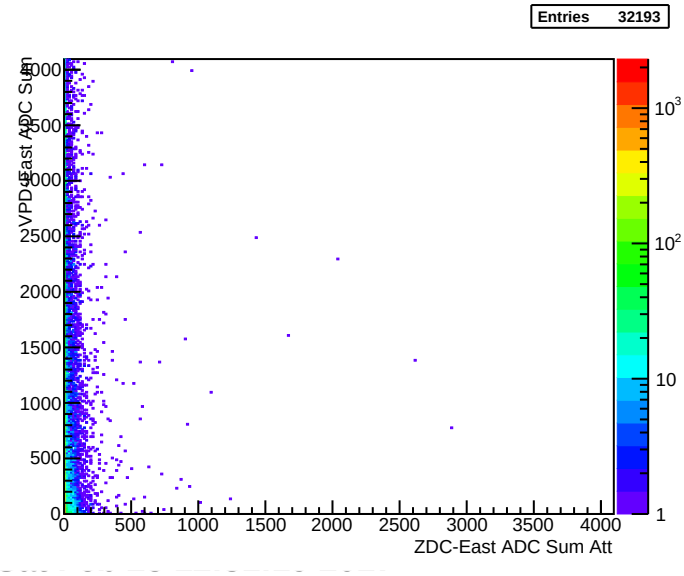

Entries 32193
TOF Mult
ZDC-West ADC Sum Att

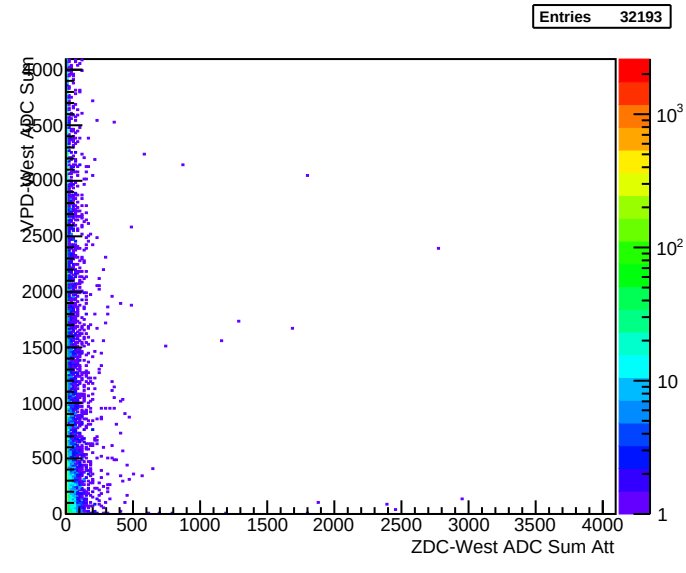

Entries 32193
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

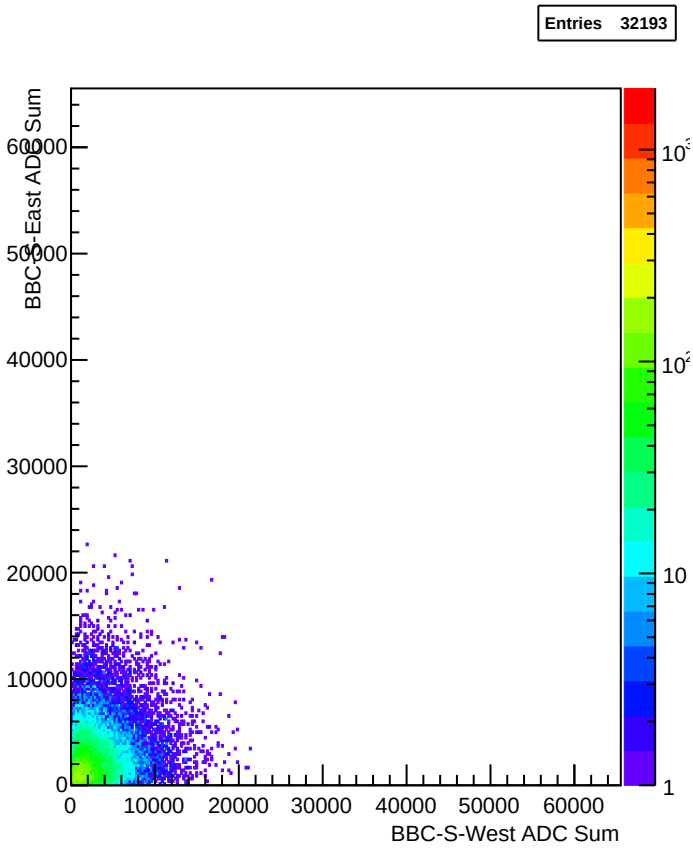

Entries 32193
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

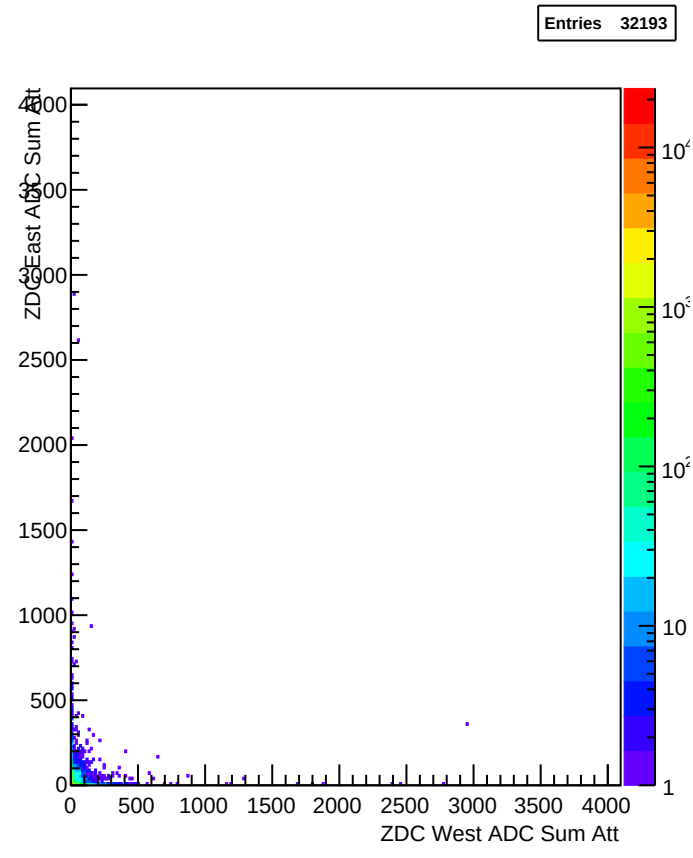

Entries 32193
BBC-S-East ADC Sum
VPD-East ADC Sum

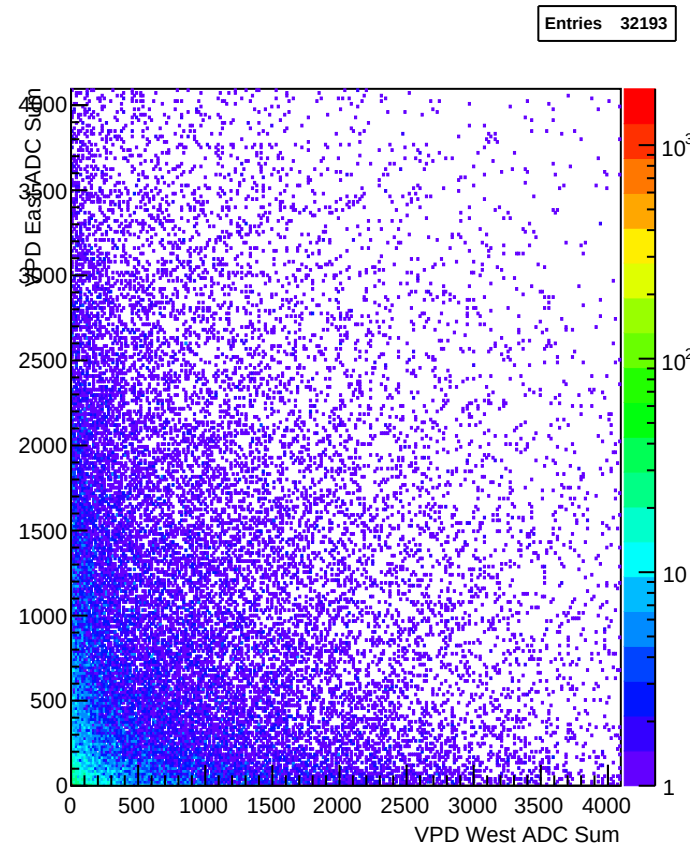

Entries 32193
BBC-S-West ADC Sum
VPD-West ADC Sum

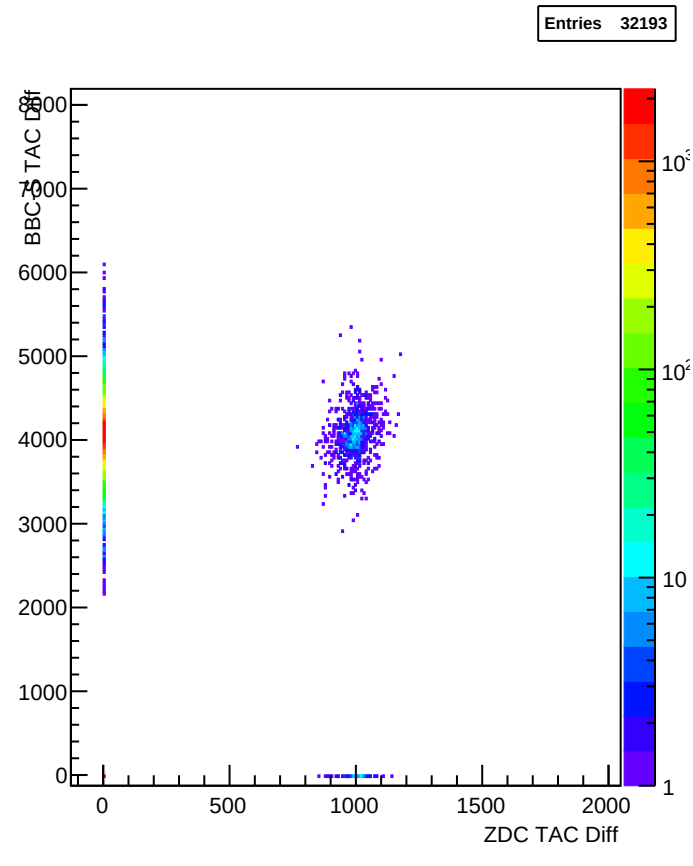

Entries 32193
VPD-East ADC Sum
ZDC-East ADC Sum Att

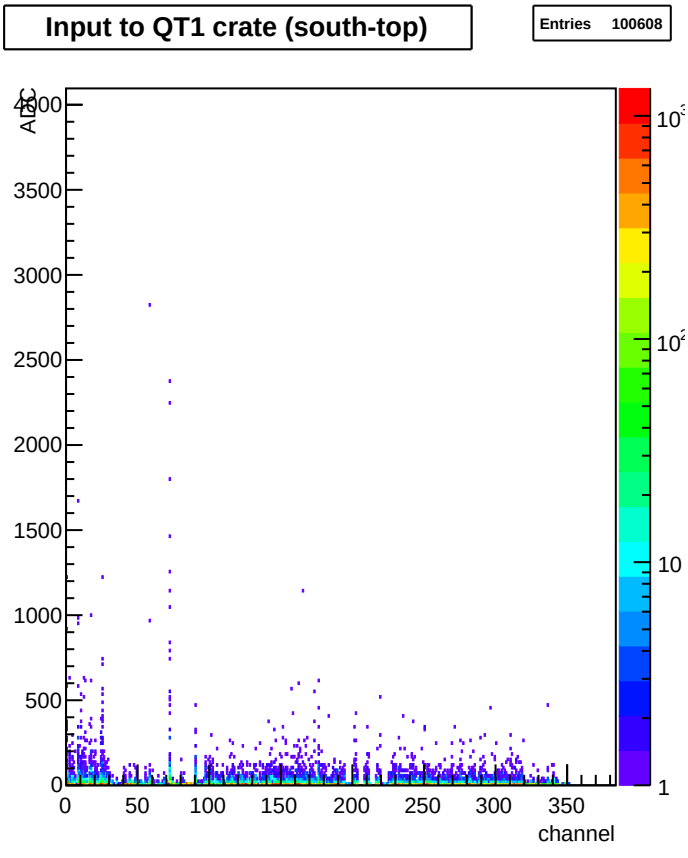

Entries 32193
VPD-West ADC Sum
ZDC-West ADC Sum Att

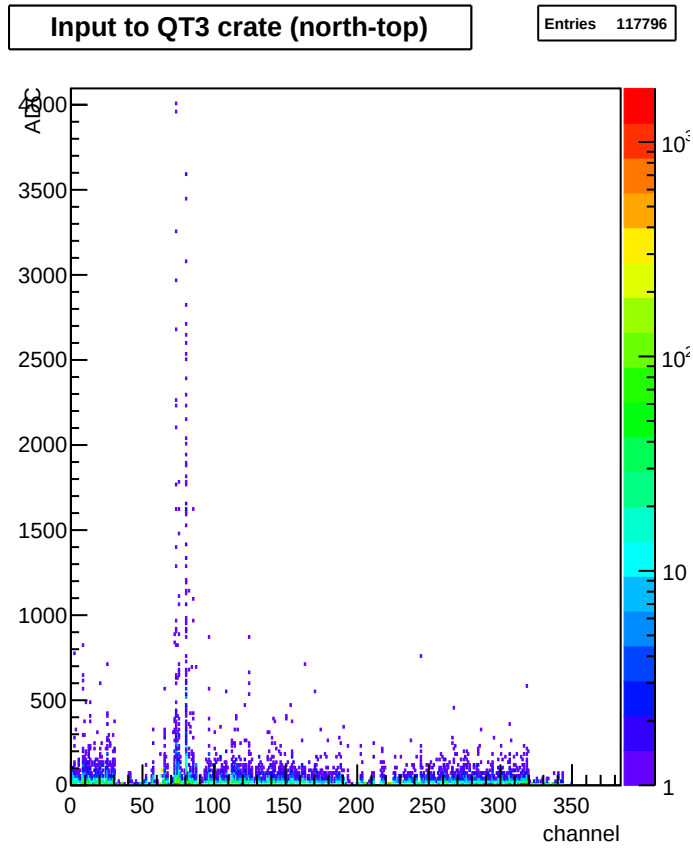

Entries 32193
BBC-S-East ADC Sum
BBC-S-West ADC Sum

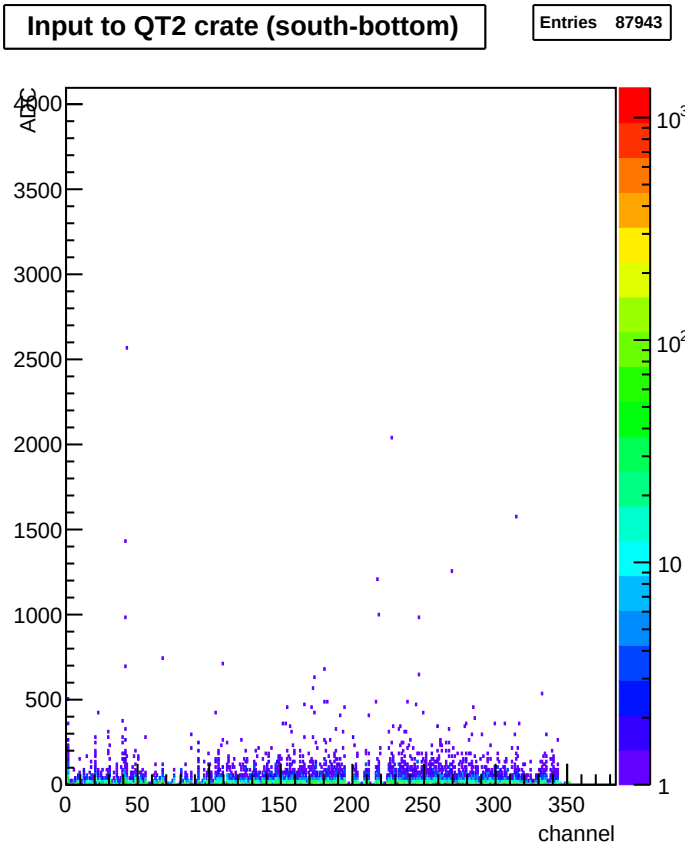

Entries 32193
ZDC East ADC Sum Att
ZDC West ADC Sum Att

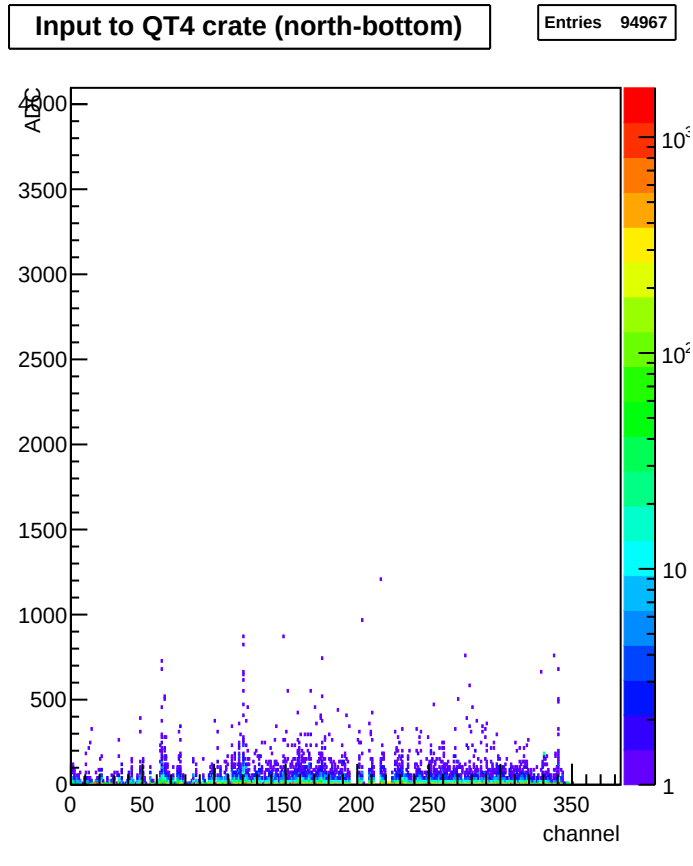

Entries 32193
VPD East ADC Sum
VPD West ADC Sum

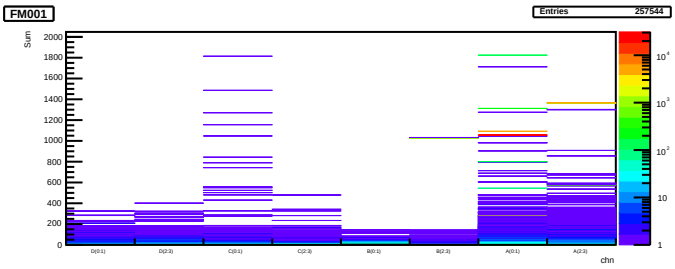

Entries 32193
BBC-S TAC Diff
ZDC TAC Diff

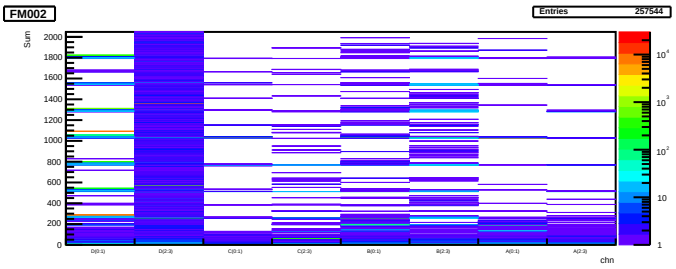

Input to QT1 crate (south-top)
Entries 100608
ADC
channel

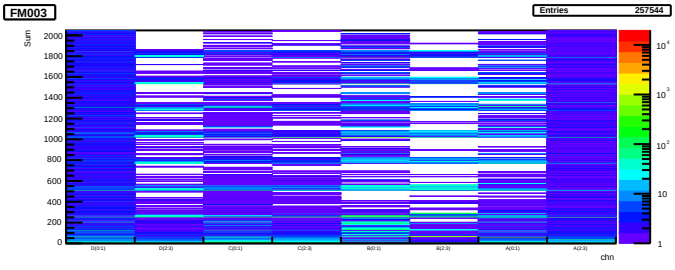

Input to QT3 crate (north-top)
Entries 117796
ADC
channel

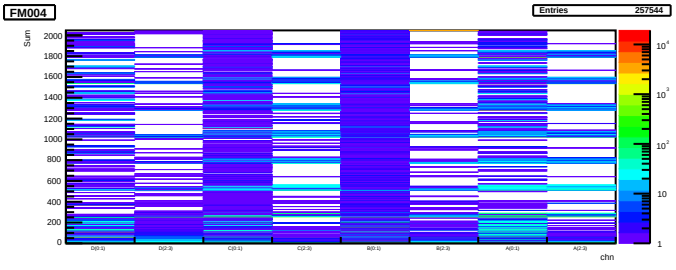

Input to QT2 crate (south-bottom)
Entries 87943
ADC
channel

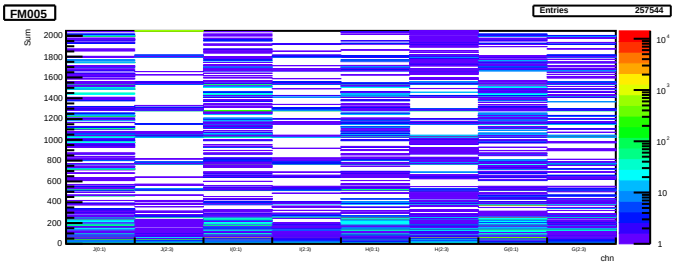

Input to QT4 crate (north-bottom)
Entries 94967
ADC
channel

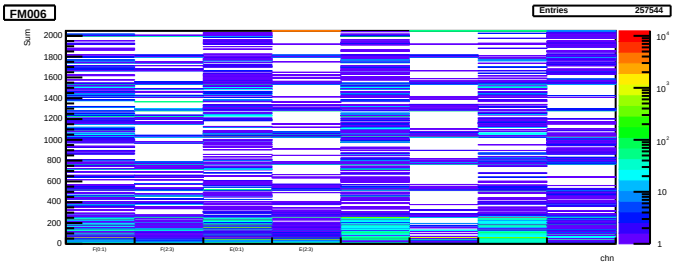

FM001
Entries 257544
Sum
chn

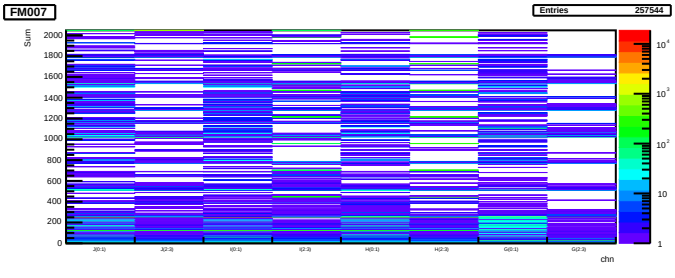

FM002
Entries 257544
Sum
chn

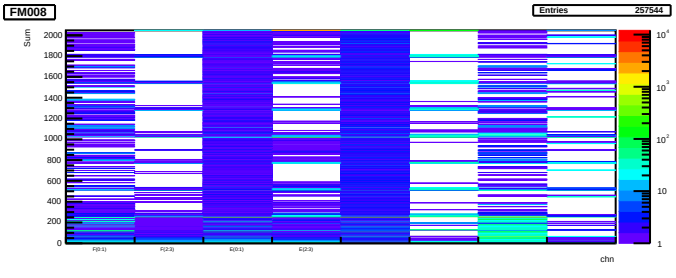

FM003
Entries 257544
Sum
chn

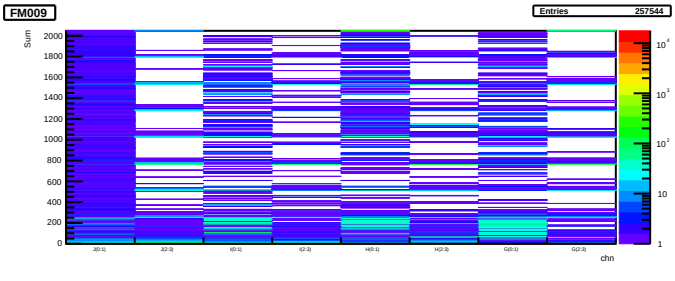

FM004
Entries 257544
Sum
chn

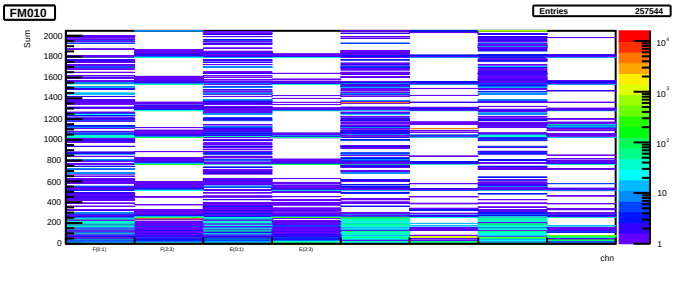

FM005
Entries 257544
Sum
chn

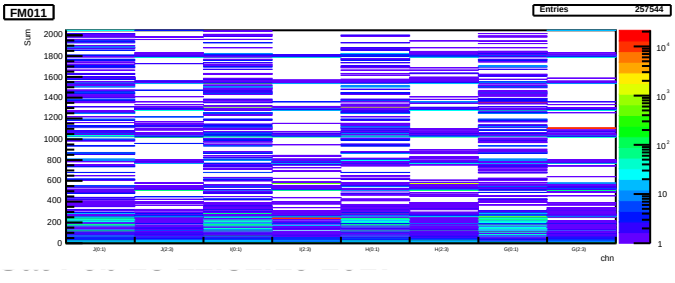

FM006
Entries 257544
Sum
chn

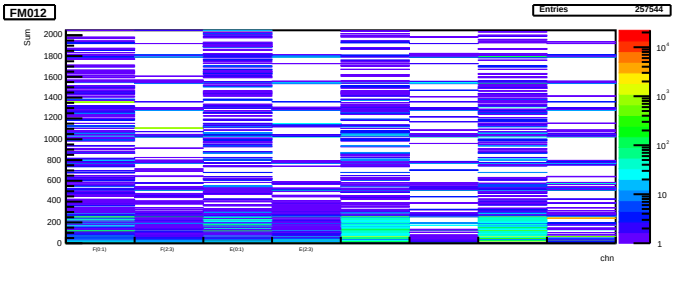

FM007
Entries 257544
Sum
chn

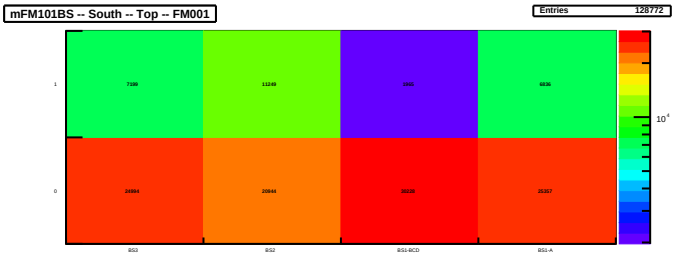

FM008
Entries 257544
Sum
chn

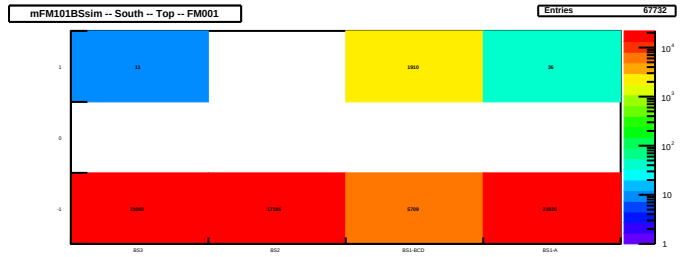

FM009
Entries 257544
Sum
chn

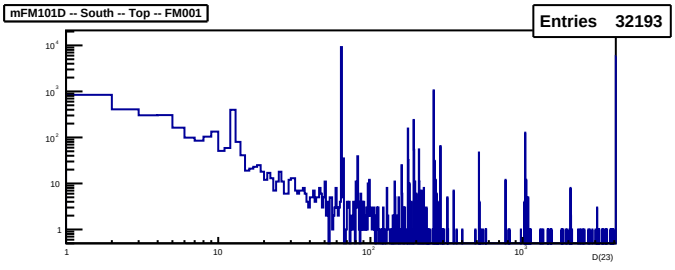

FM010
Entries 257544
Sum
chn

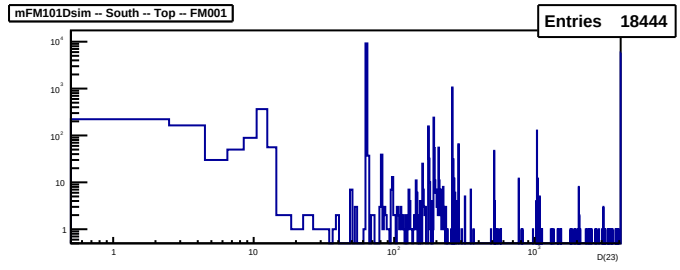

FM011
Entries 257544
Sum
chn

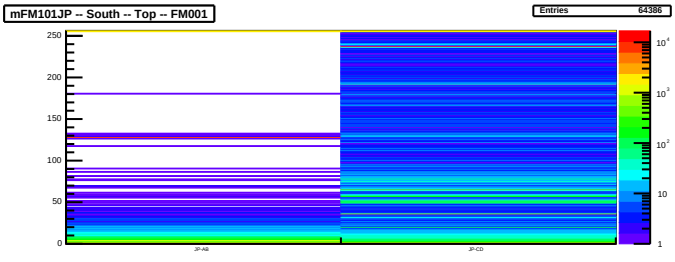

FM012
Entries 257544
Sum
chn

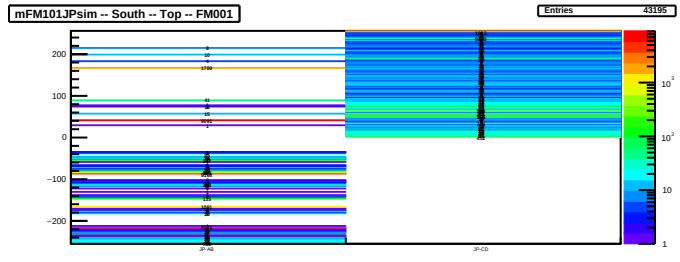

mFM101BS -- South -- Top -- FM001
Entries 128772

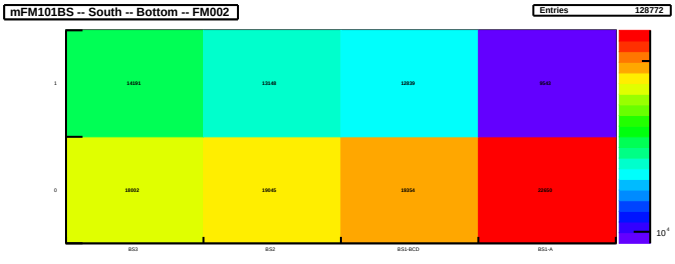

mFM101BSsim -- South -- Top -- FM001
Entries 67732

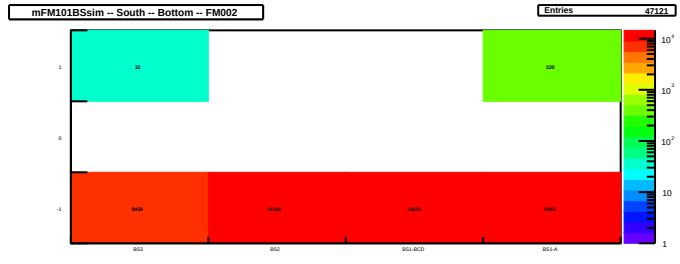

mFM101D -- South -- Top -- FM001
Entries 32193
D(23)

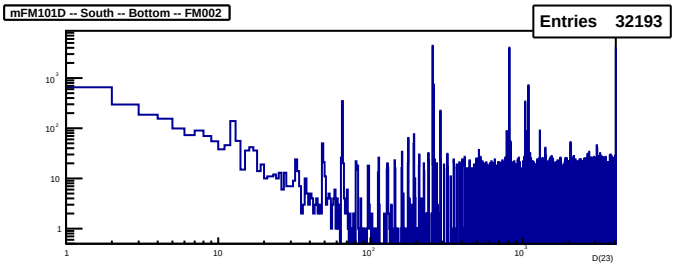

mFM101Dsim -- South -- Top -- FM001
Entries 18444
D(23)

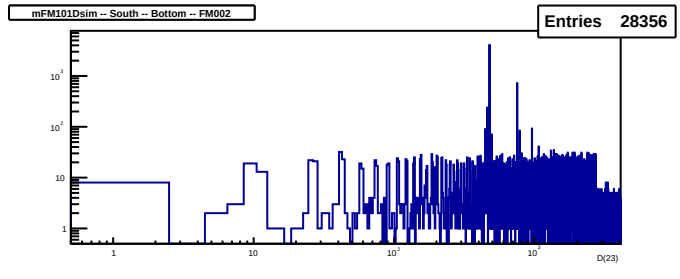

mFM101JP -- South -- Top -- FM001
Entries 64386

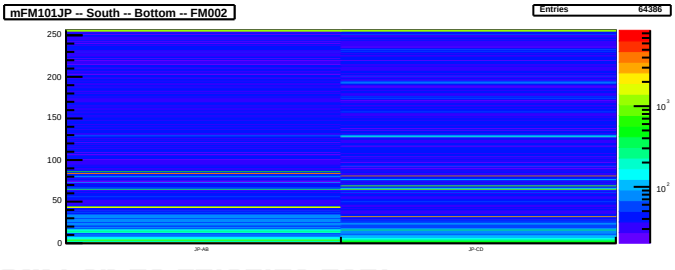

mFM101JPsim -- South -- Top -- FM001
Entries 43195

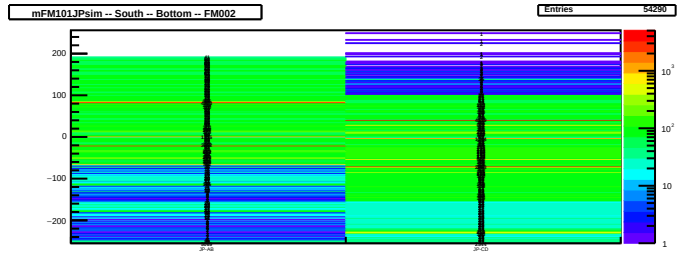

mFM101BS -- South -- Bottom -- FM002
Entries 128772

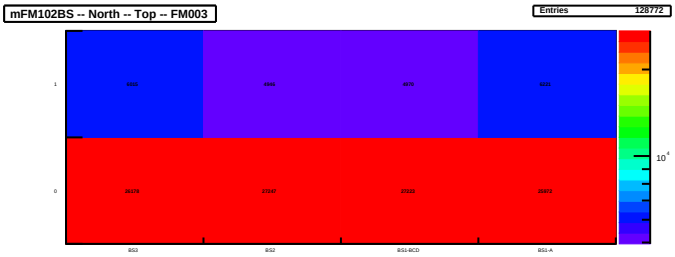

mFM101BSsim -- South -- Bottom -- FM002
Entries 47121

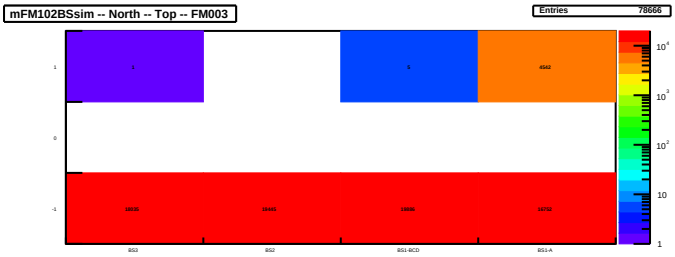

mFM101D -- South -- Bottom -- FM002
Entries 32193
D(23)

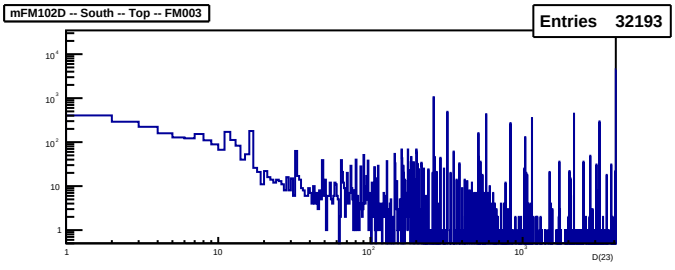

mFM101Dsim -- South -- Bottom -- FM002
Entries 28356
D(23)

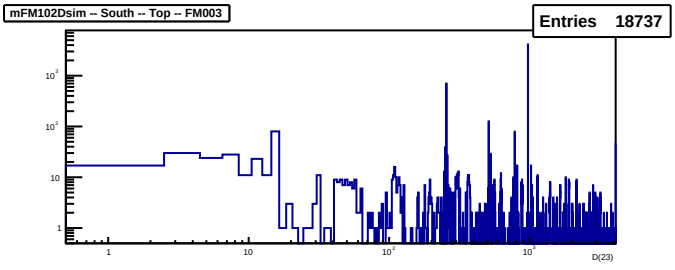

mFM101JP -- South -- Bottom -- FM002
Entries 64386

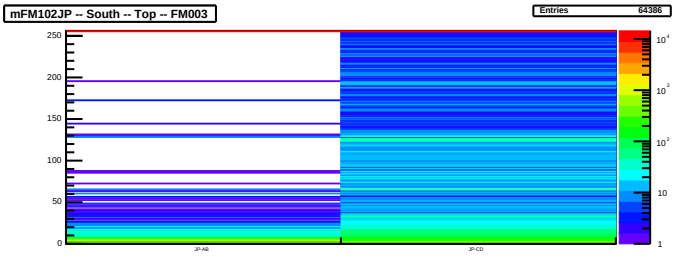

mFM101JPsim -- South -- Bottom -- FM002
Entries 54290

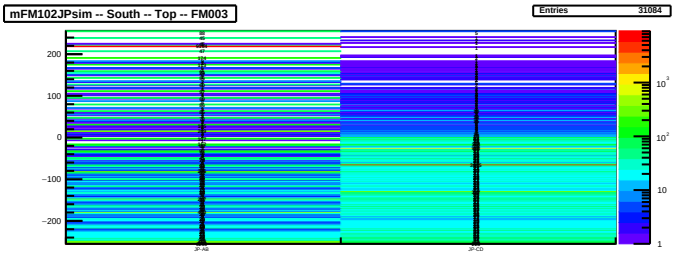

mFM102BS -- North -- Top -- FM003
Entries 128772

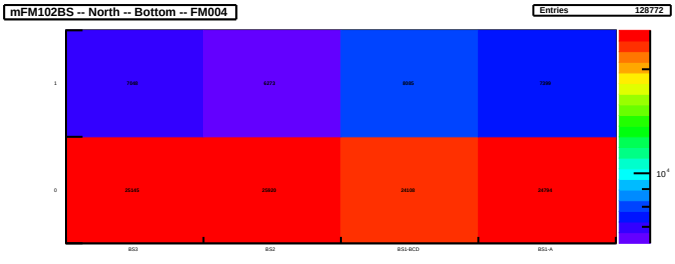

mFM102BSsim -- North -- Top -- FM003
Entries 78666

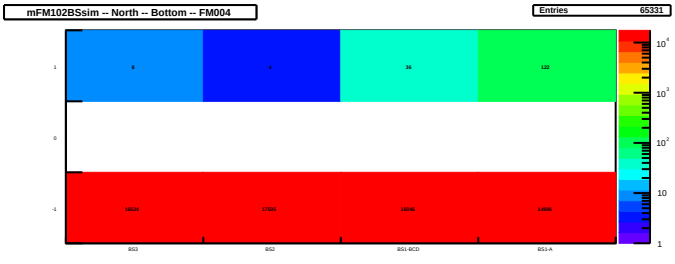

mFM102D -- South -- Top -- FM003
Entries 32193
D(23)

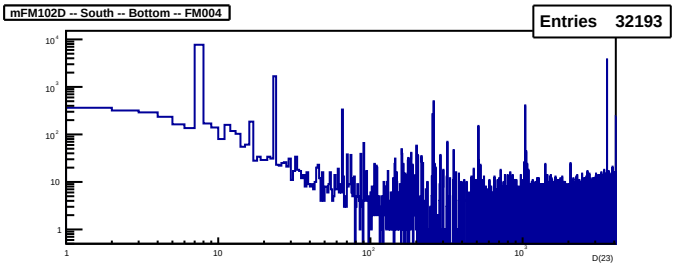

mFM102Dsim -- South -- Top -- FM003
Entries 18737
D(23)

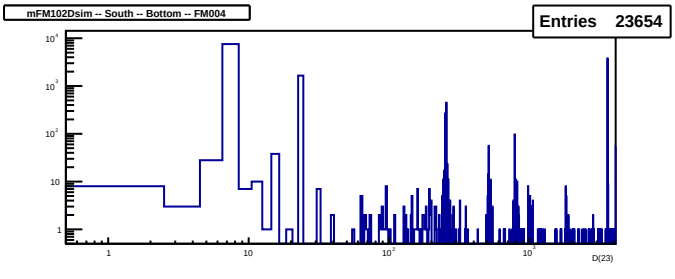

mFM102JP -- South -- Top -- FM003
Entries 64386

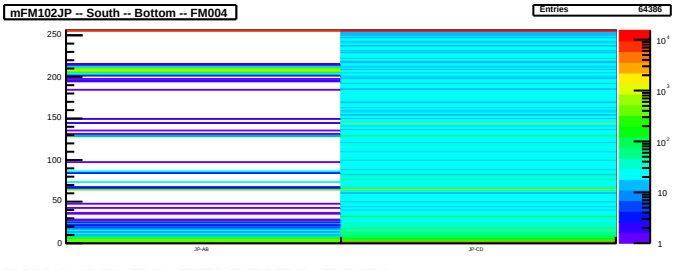

mFM102JPsim -- South -- Top -- FM003
Entries 31084

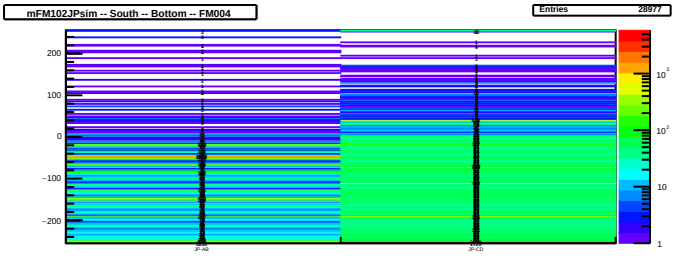

mFM102BS -- North -- Bottom -- FM004
Entries 128772

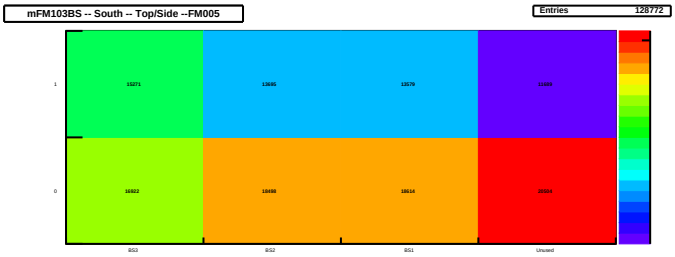

mFM102BSsim -- North -- Bottom -- FM004
Entries 65331

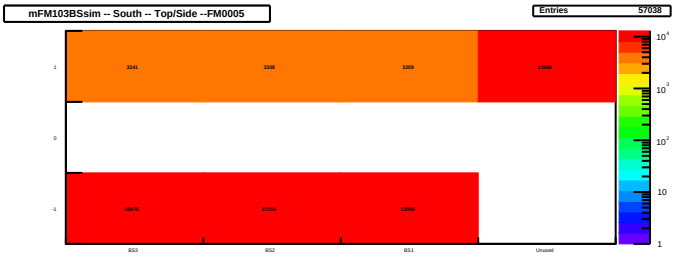

mFM102D -- South -- Bottom -- FM004
Entries 32193
D(23)

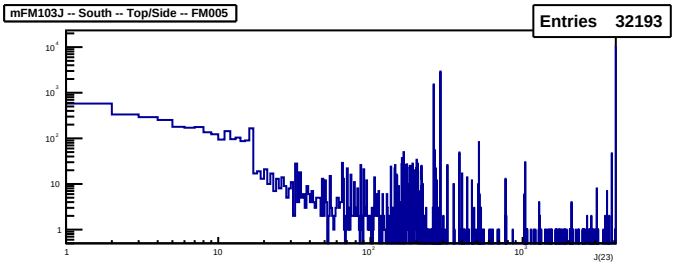

mFM102Dsim -- South -- Bottom -- FM004
Entries 23654
D(23)

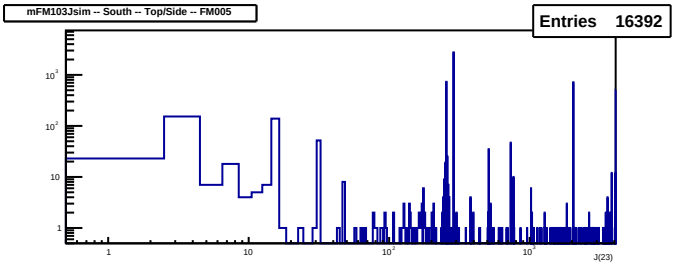

mFM102JP -- South -- Bottom -- FM004
Entries 64386

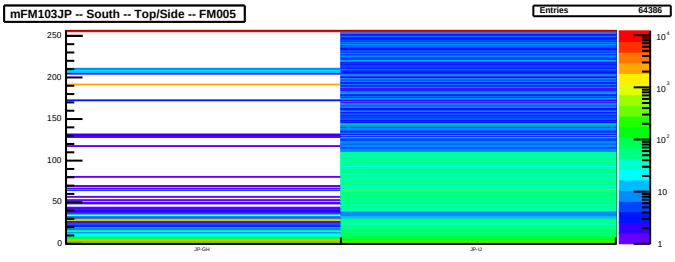

mFM102JPsim -- South -- Bottom -- FM004
Entries 28977

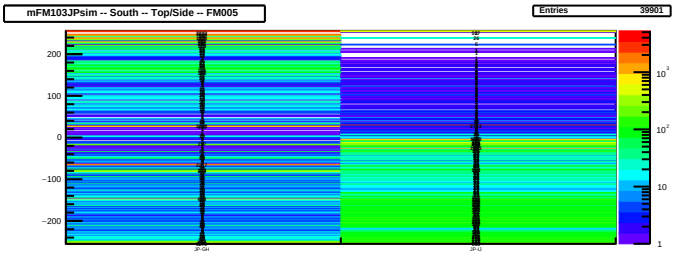

mFM103BS -- South -- Top/Side --FM005
Entries 128772

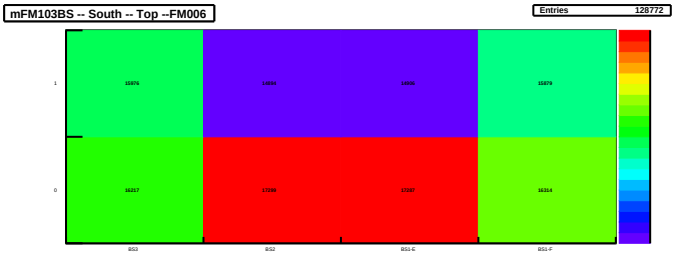

mFM103BSsim -- South -- Top/Side --FM0005
Entries 57038

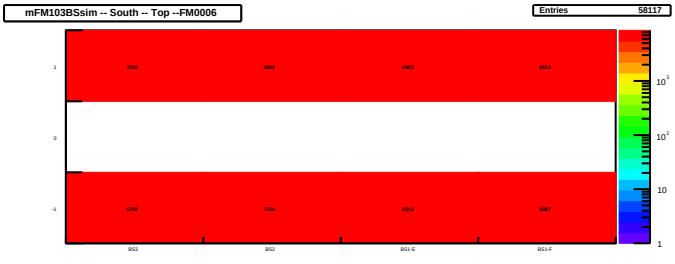

mFM103J -- South -- Top/Side -- FM005
Entries 32193
J(23)

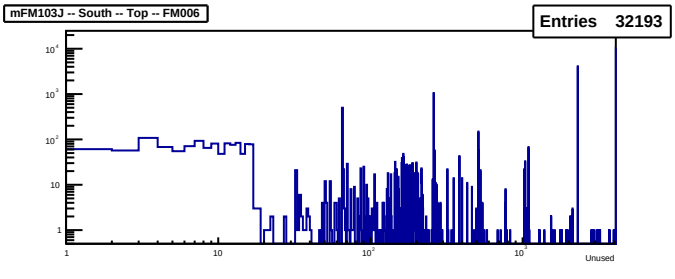

mFM103Jsim -- South -- Top/Side -- FM005
Entries 16392
J(23)

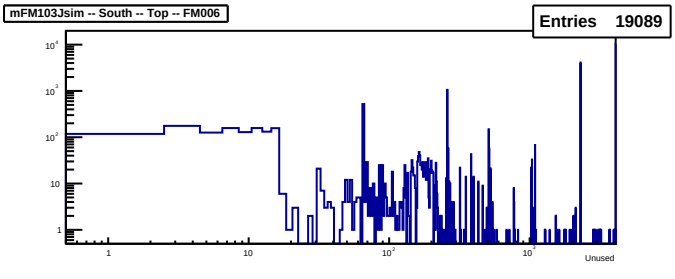

mFM103JP -- South -- Top/Side -- FM005
Entries 64386

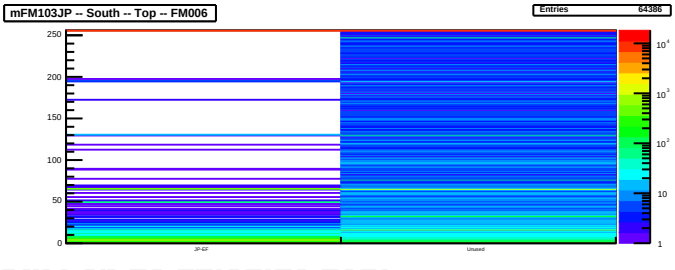

mFM103JPsim -- South -- Top/Side -- FM005
Entries 39901

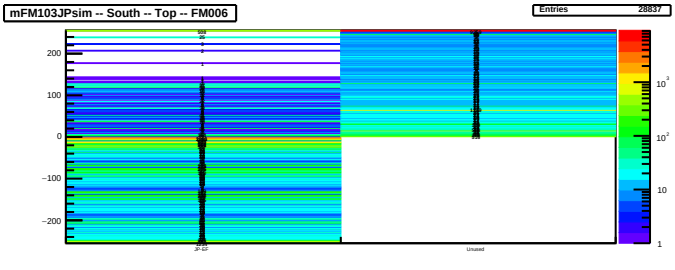

mFM103BS -- South -- Top --FM006
Entries 128772

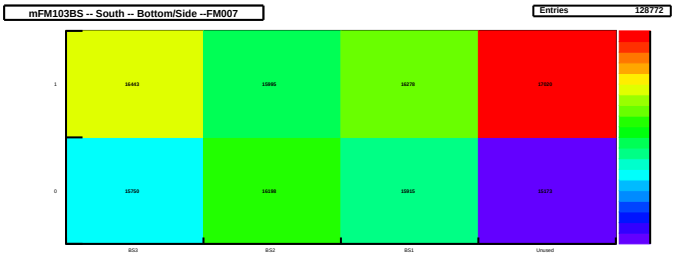

mFM103BSsim -- South -- Top --FM0006
Entries 58117

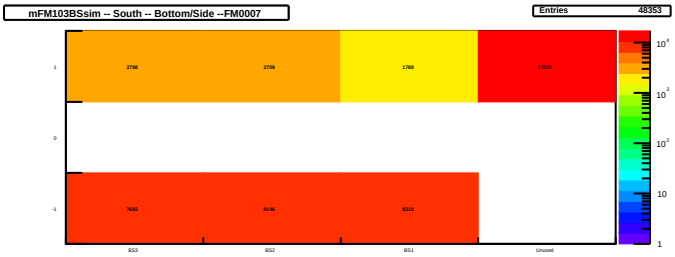

mFM103J -- South -- Top -- FM006
Entries 32193
Unused

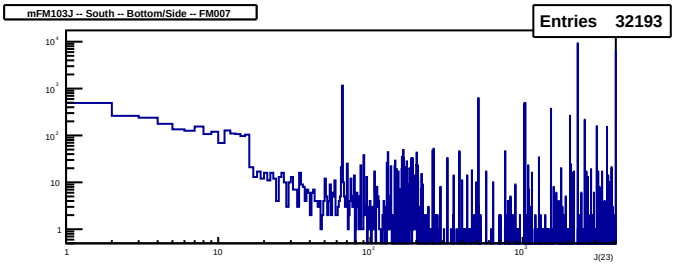

mFM103Jsim -- South -- Top -- FM006
Entries 19089
Unused

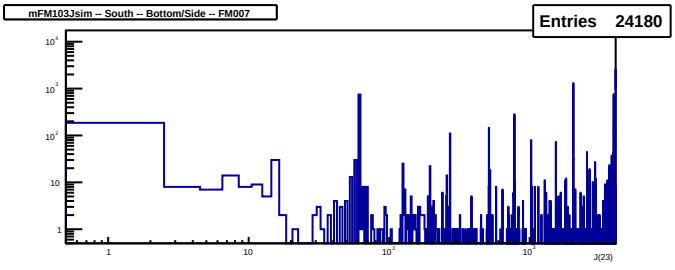

mFM103JP -- South -- Top -- FM006
Entries 64386

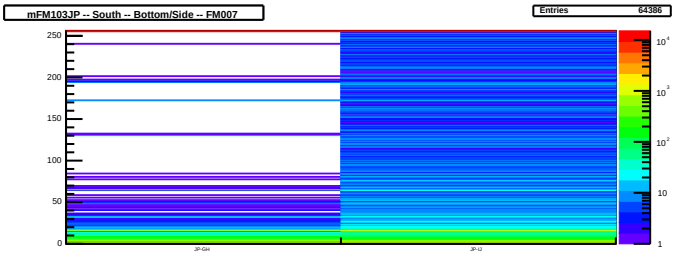

mFM103JPsim -- South -- Top -- FM006
Entries 28837

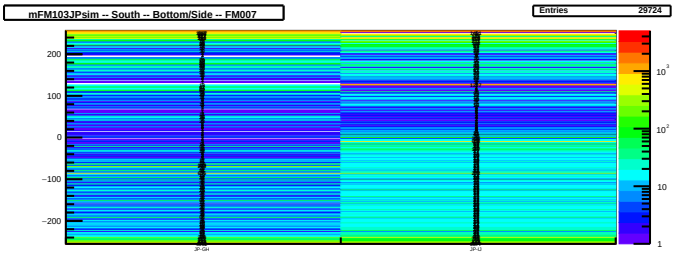

mFM103BS -- South -- Bottom/Side --FM007
Entries 128772

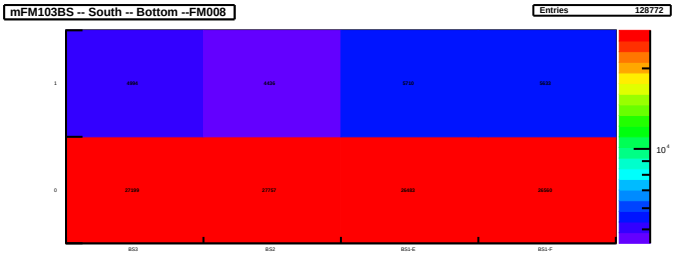

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 48353

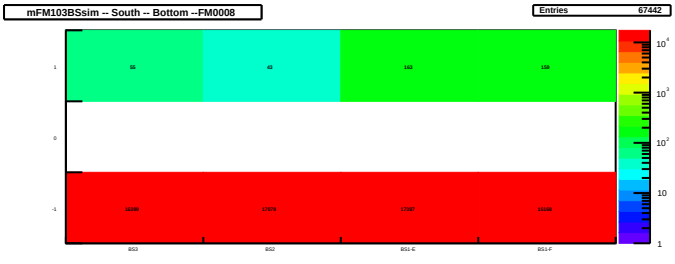

mFM103J -- South -- Bottom/Side -- FM007
Entries 32193
J(23)

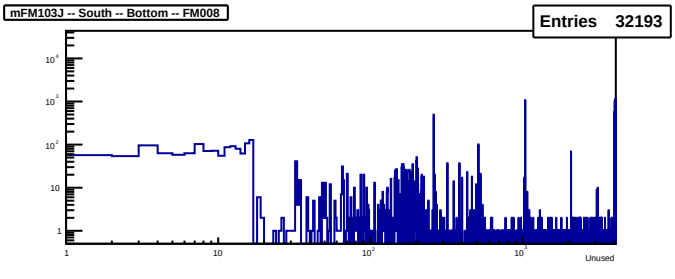

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 24180
J(23)

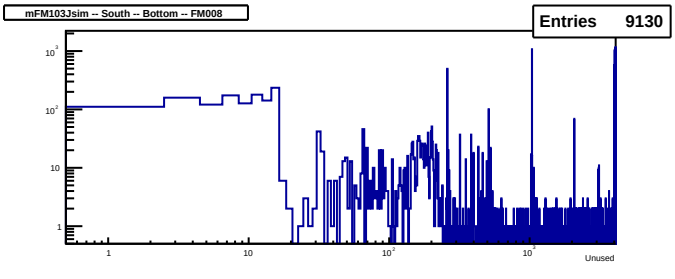

mFM103JP -- South -- Bottom/Side -- FM007
Entries 64386

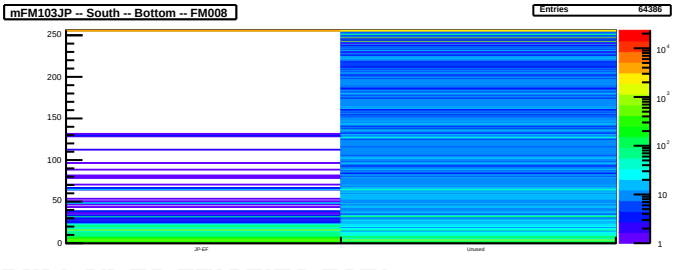

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 29724

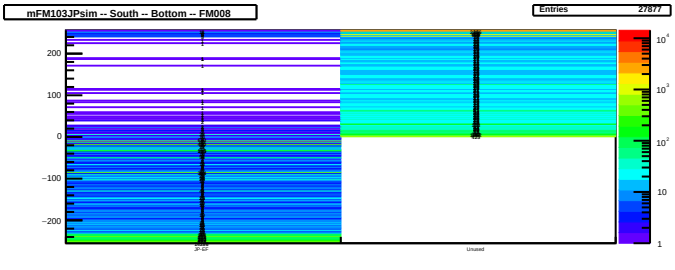

mFM103BS -- South -- Bottom --FM008
Entries 128772

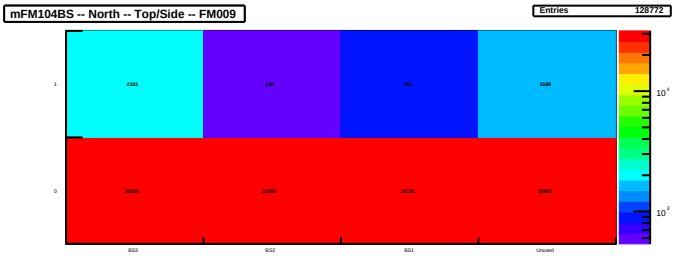

mFM103BSsim -- South -- Bottom --FM0008
Entries 67442

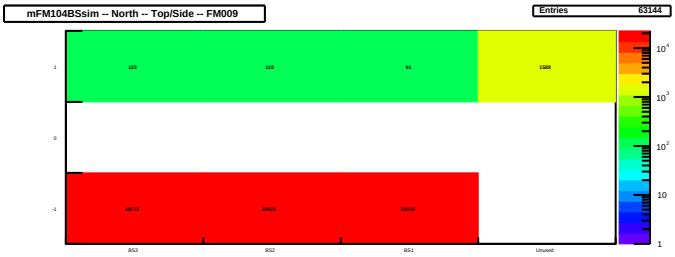

mFM103J -- South -- Bottom -- FM008
Entries 32193
Unused

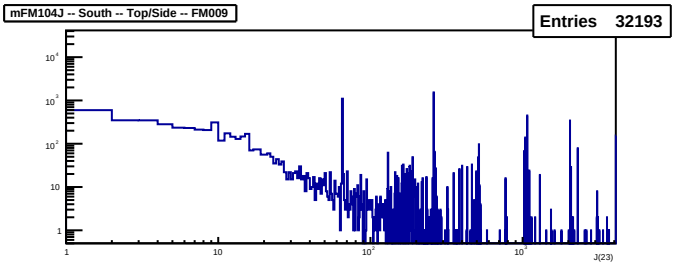

mFM103Jsim -- South -- Bottom -- FM008
Entries 9130
Unused

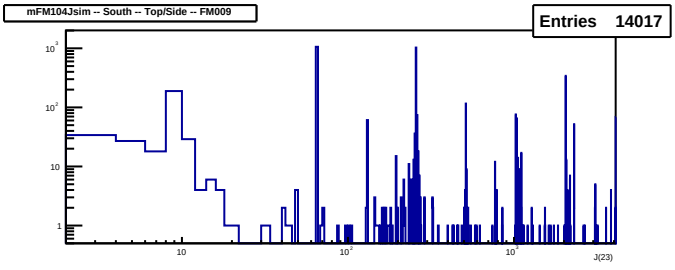

mFM103JP -- South -- Bottom -- FM008
Entries 64386

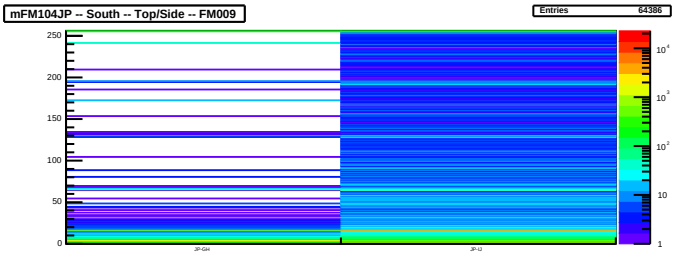

mFM103JPsim -- South -- Bottom -- FM008
Entries 27877

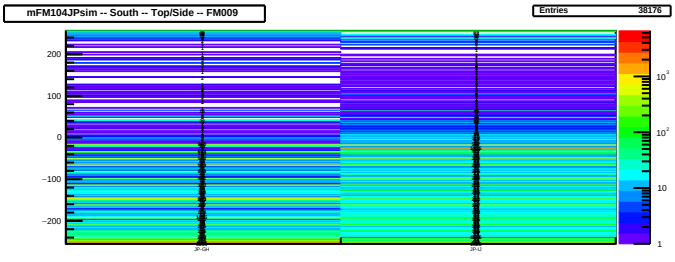

mFM104BS -- North -- Top/Side -- FM009
Entries 128772
BS3
BS2
BS1
Unused

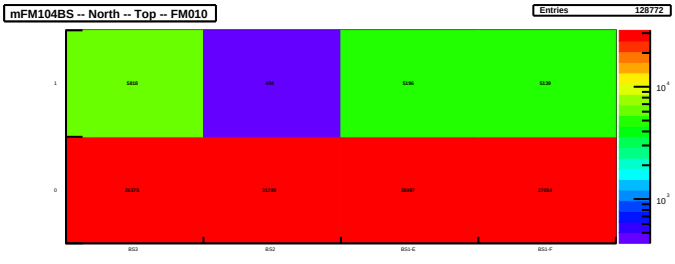

mFM104BSsim -- North -- Top/Side -- FM009
Entries 63144
BS3
BS2
BS1
Unused

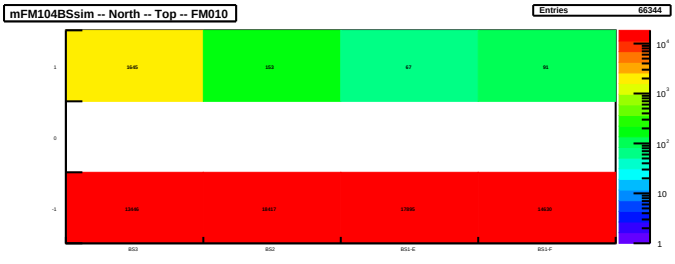

mFM104J -- South -- Top/Side -- FM009
Entries 32193
J(23)

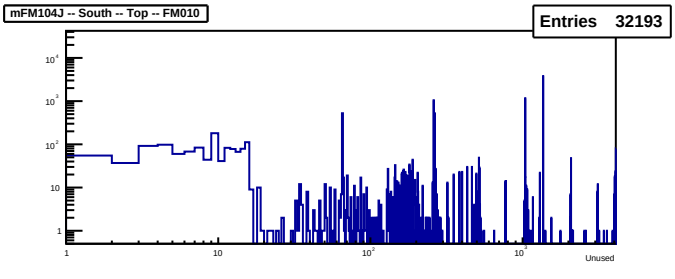

mFM104Jsim -- South -- Top/Side -- FM009
Entries 14017
J(23)

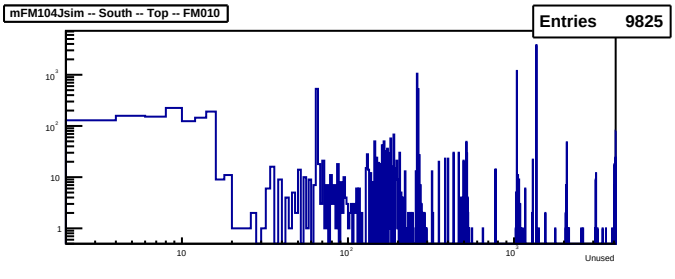

mFM104JP -- South -- Top/Side -- FM009
Entries 64386
JP-G4
JP-I1

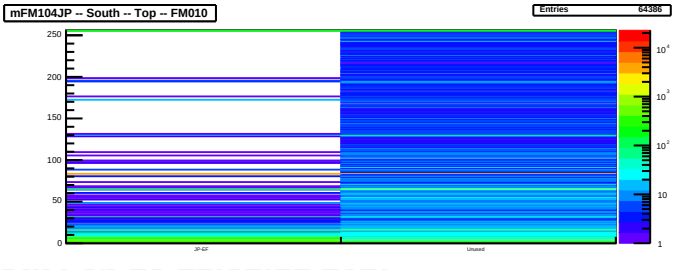

mFM104JPsim -- South -- Top/Side -- FM009
Entries 38176
JP-G4
JP-I1

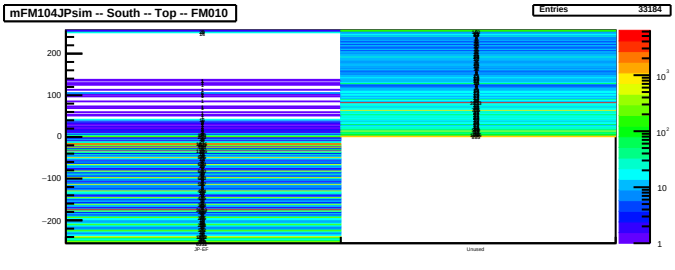

mFM104BS -- North -- Top -- FM010
Entries 128772
BS3
BS2
BS1-E
BS1-F

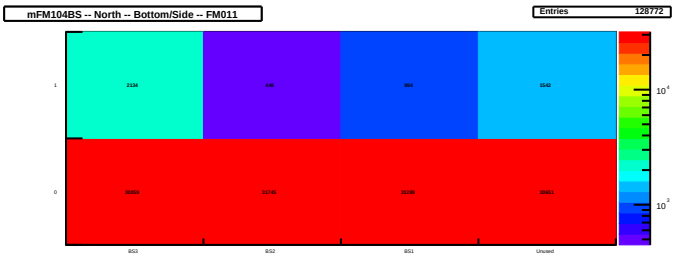

mFM104BSsim -- North -- Top -- FM010
Entries 66344
BS3
BS2
BS1-E
BS1-F

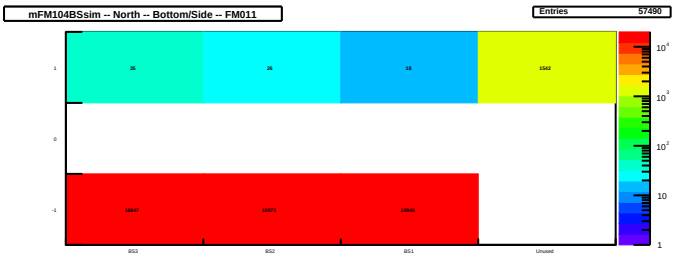

mFM104J -- South -- Top -- FM010
Entries 32193
Unused

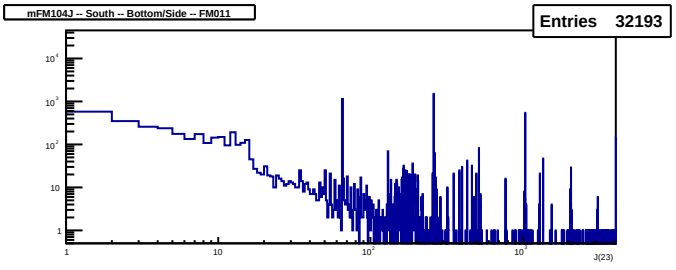

mFM104Jsim -- South -- Top -- FM010
Entries 9825
Unused

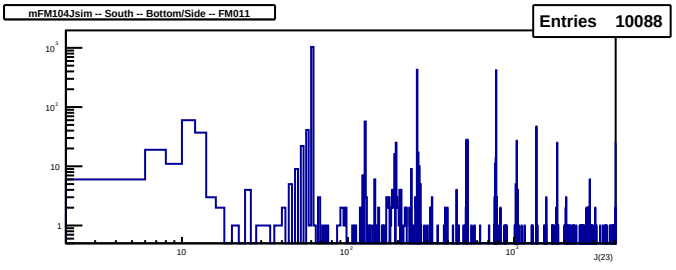

mFM104JP -- South -- Top -- FM010
Entries 64386
JP-E2
Unused

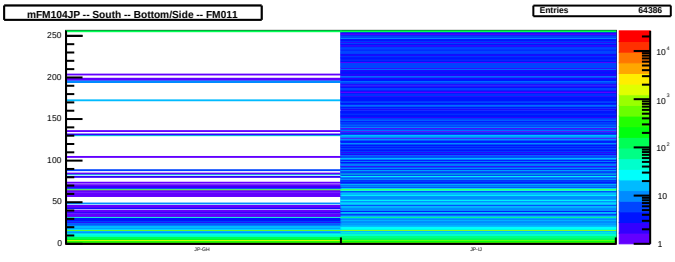

mFM104JPsim -- South -- Top -- FM010
Entries 33184
JP-E2
Unused

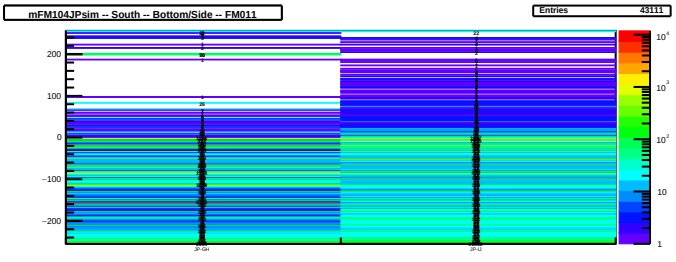

mFM104BS -- North -- Bottom/Side -- FM011
Entries 128772

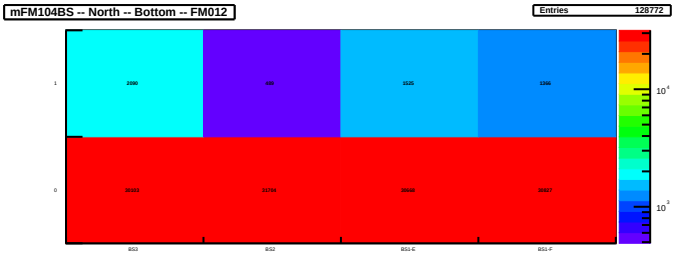

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 57490

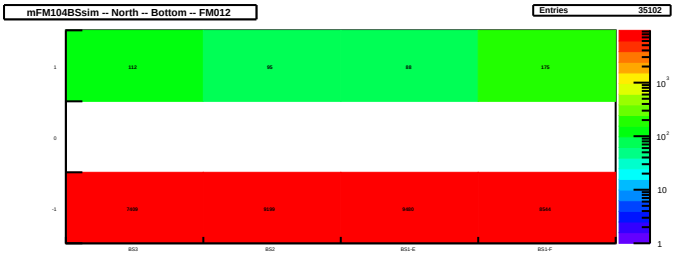

mFM104J -- South -- Bottom/Side -- FM011
Entries 32193
J(23)

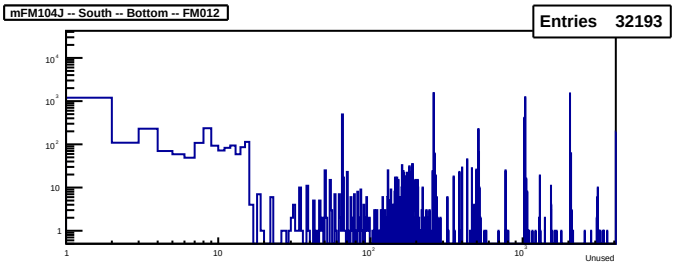

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 10088
J(23)

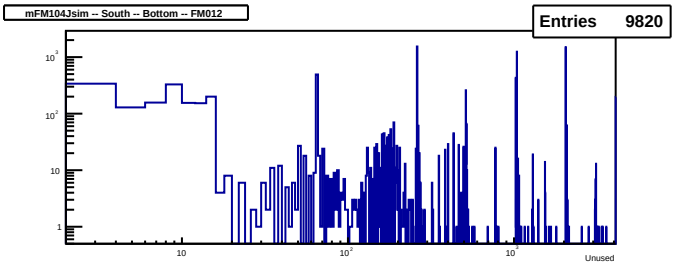

mFM104JP -- South -- Bottom/Side -- FM011
Entries 64386

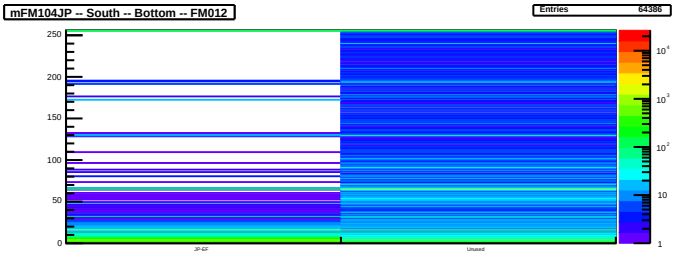

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 43111

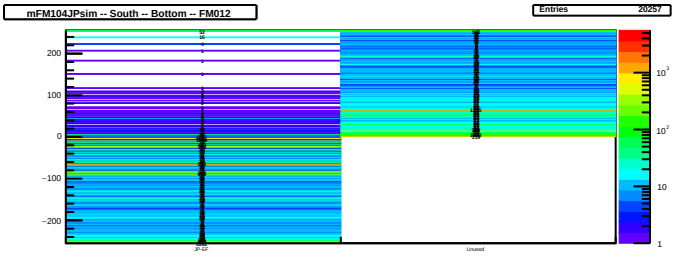

mFM104BS -- North -- Bottom -- FM012
Entries 128772

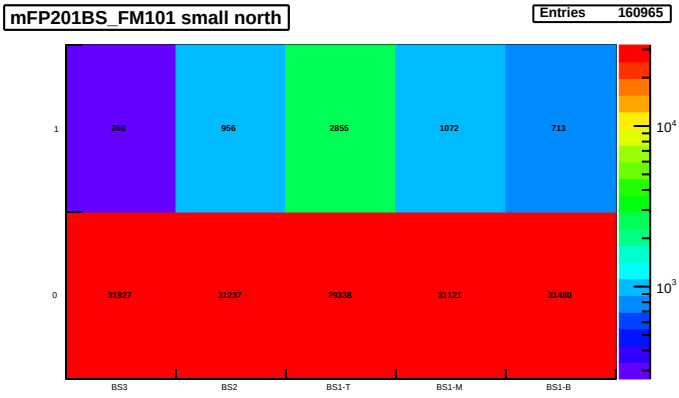

mFM104BSsim -- North -- Bottom -- FM012
Entries 35102

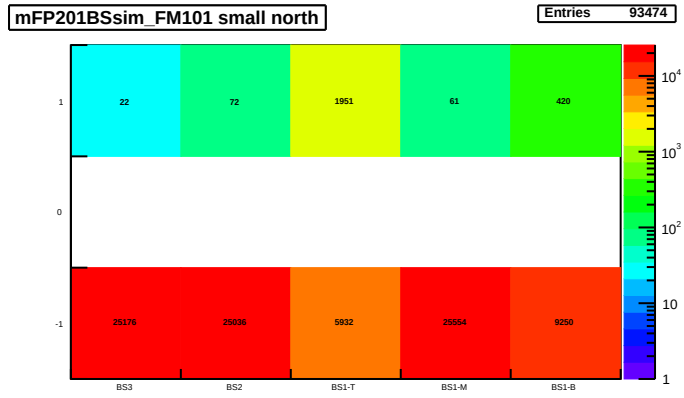

mFM104J -- South -- Bottom -- FM012
Entries 32193
Unused

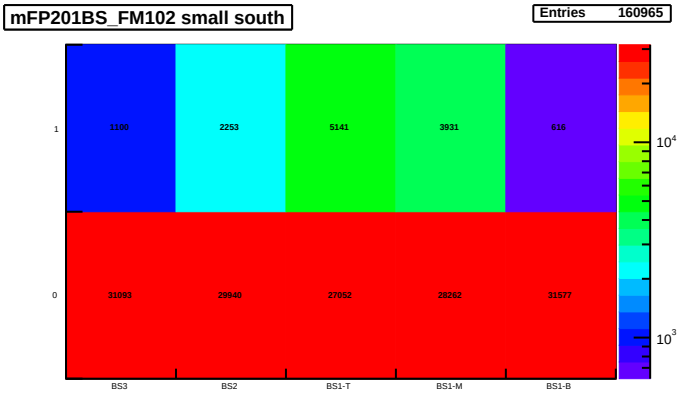

mFM104Jsim -- South -- Bottom -- FM012
Entries 9820
Unused

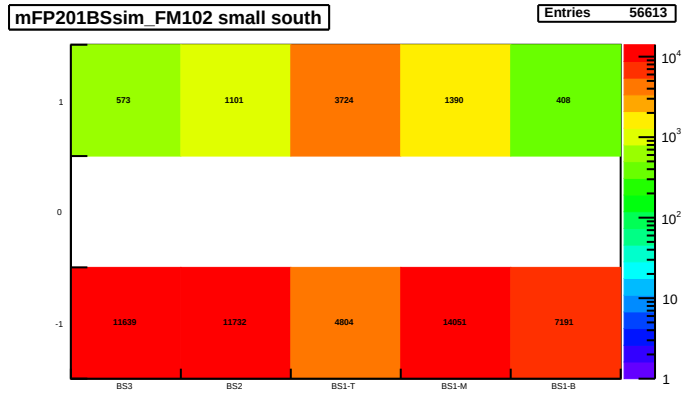

mFM104JP -- South -- Bottom -- FM012
Entries 64386

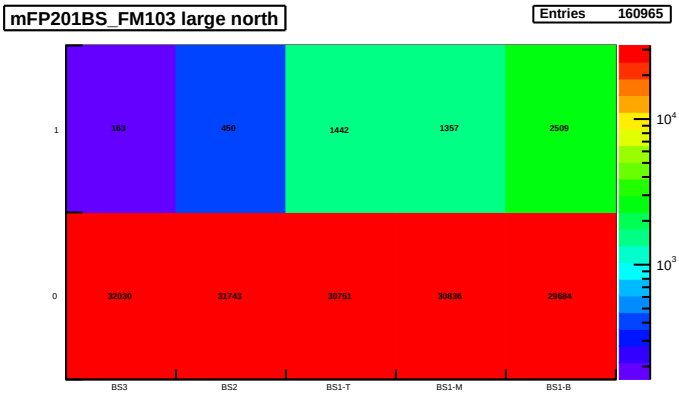

mFM104JPsim -- South -- Bottom -- FM012
Entries 20257

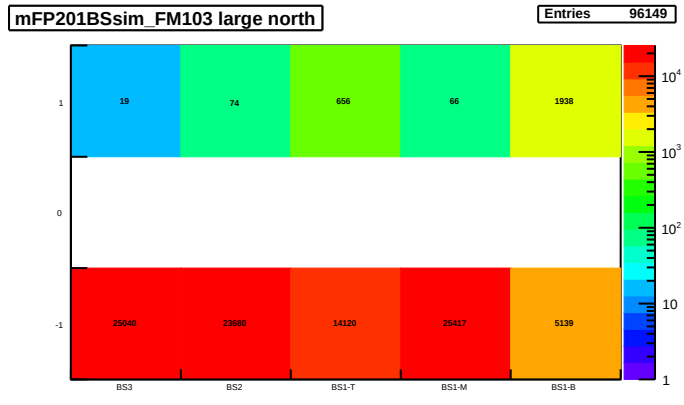

mFP201BS_FM101 small north
Entries 160965
1
0
266
956
2855
1072
713
31927
31237
29338
31121
31480
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^4$
$10^3$

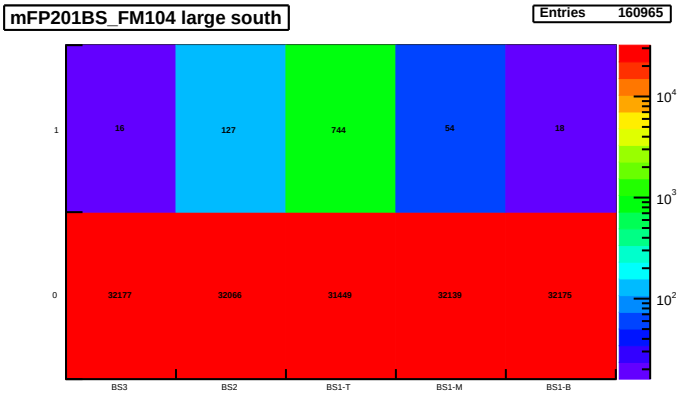

mFP201BSsim_FM101 small north
Entries 93474
1
0
-1
22
72
1951
61
420
25176
25036
5932
25554
9250
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^4$
$10^3$
$10^2$
10
1

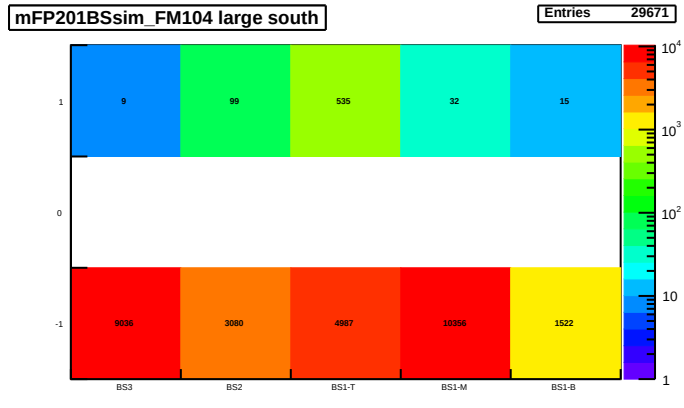

mFP201BS_FM102 small south
Entries 160965
1
0
1100
2253
5141
3931
616
31093
29940
27052
28262
31577
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^4$
$10^3$

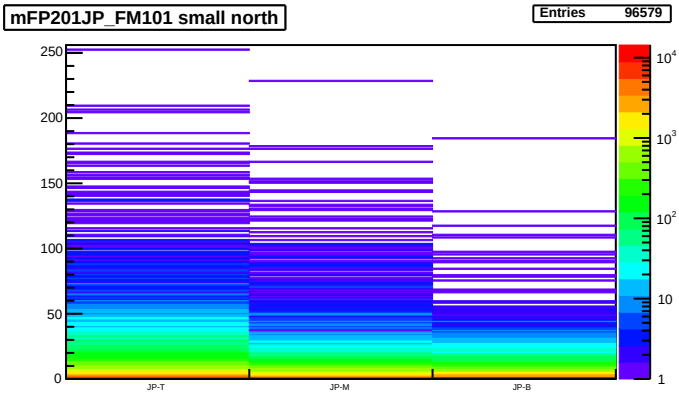

mFP201BSsim_FM102 small south
Entries 56613
1
0
-1
573
1101
3724
1390
408
11639
11732
4804
14051
7191
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^4$
$10^3$
$10^2$
10
1

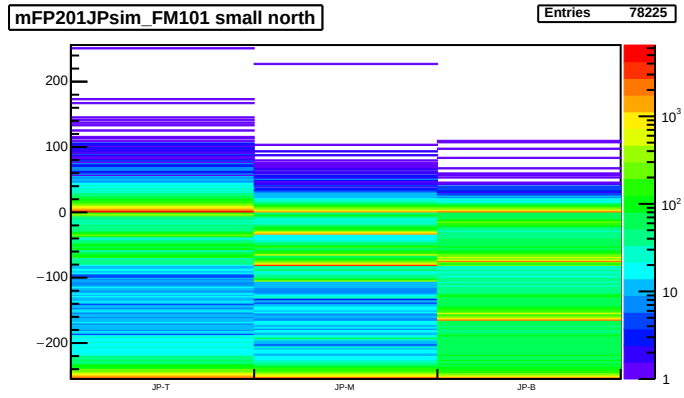

mFP201BS_FM103 large north
Entries 160965
1
0
163
450
1442
1357
2509
32030
31743
30751
30836
29684
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^4$
$10^3$

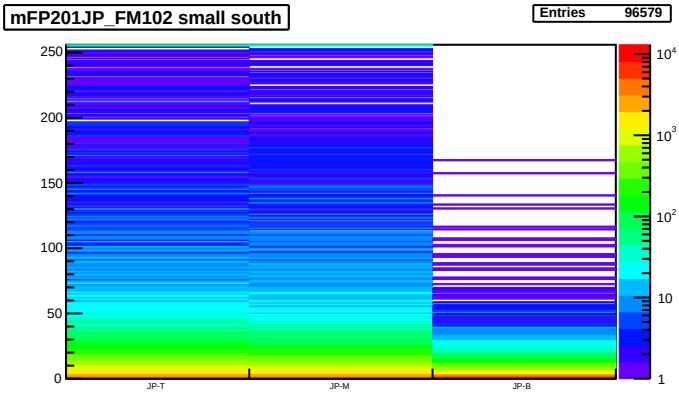

mFP201BSsim_FM103 large north
Entries 96149
1
0
-1
19
74
656
66
1938
25040
23680
14120
25417
5139
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^4$
$10^3$
$10^2$
10
1

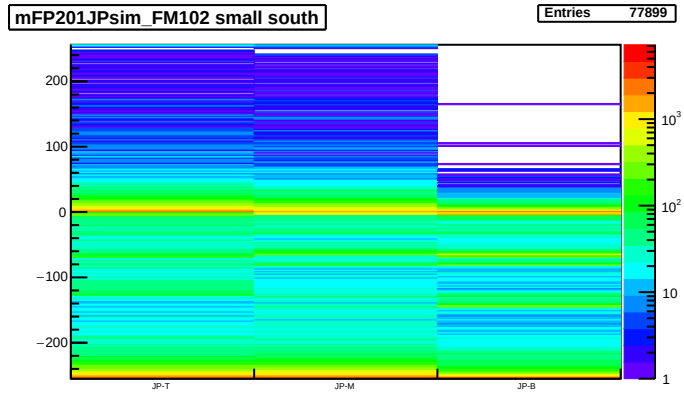

mFP201BS_FM104 large south
Entries 160965
1
0
16
127
744
54
18
32177
32066
31449
32139
32175
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^4$
$10^3$
$10^2$

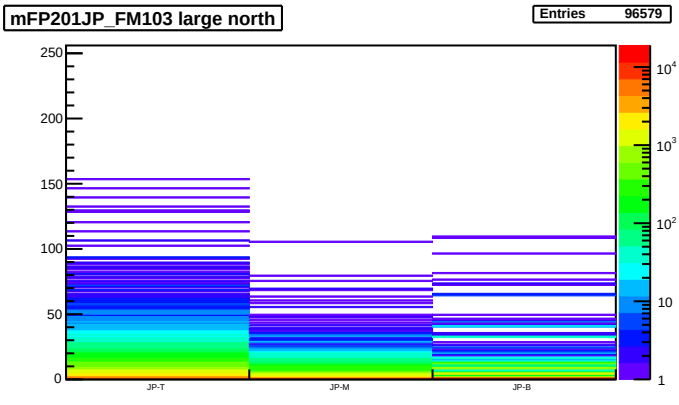

mFP201BSsim_FM104 large south
Entries 29671
1
0
-1
9
99
535
32
15
9036
3080
4987
10356
1522
BS3
BS2
BS1-T
BS1-M
BS1-B
$10^4$
$10^3$
$10^2$
10
1

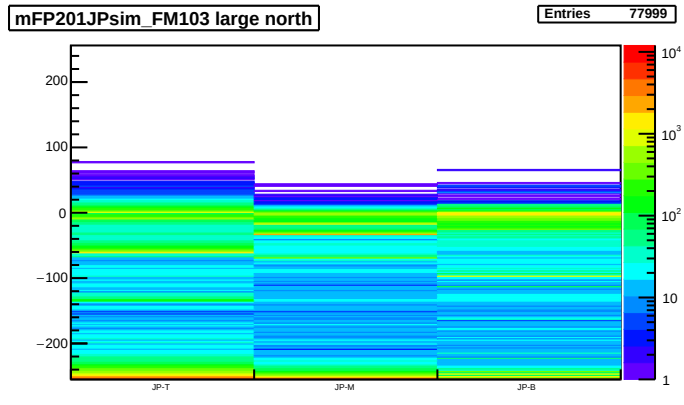

mFP201JP_FM101 small north
Entries 96579
JP-T
JP-M
JP-B

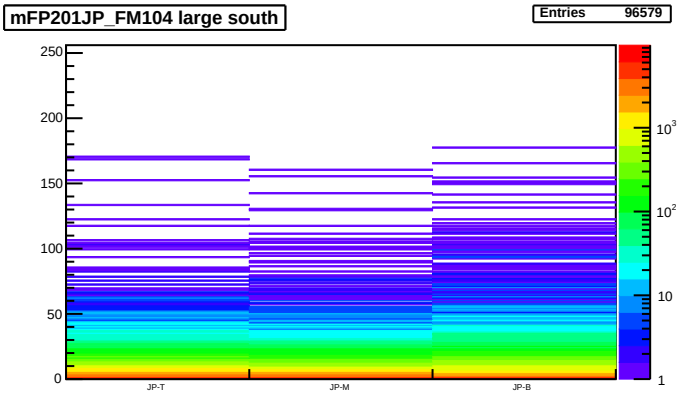

mFP201JPsim_FM101 small north
Entries 78225
JP-T
JP-M
JP-B

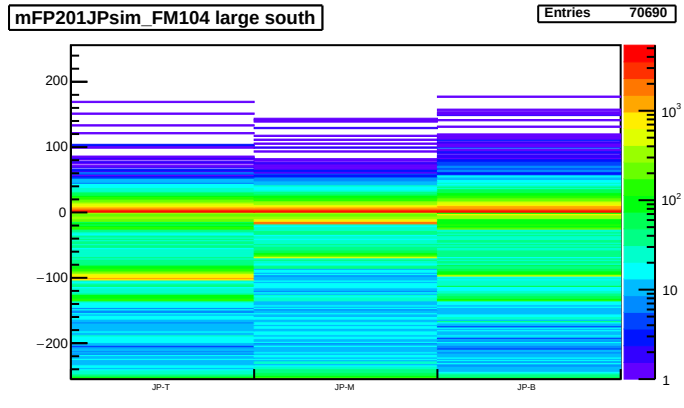

mFP201JP_FM102 small south
Entries 96579
JP-T
JP-M
JP-B

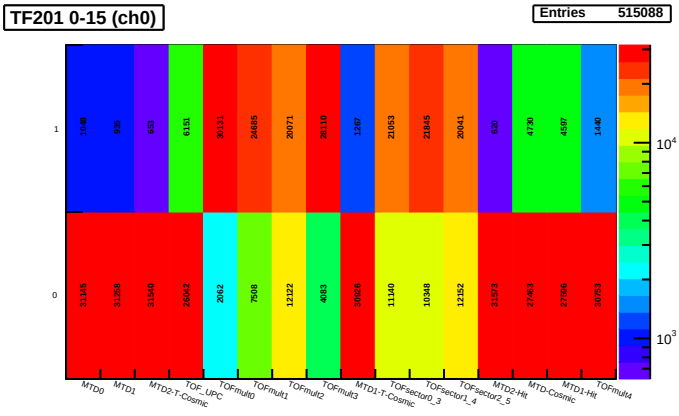

mFP201JPsim_FM102 small south
Entries 77899
JP-T
JP-M
JP-B

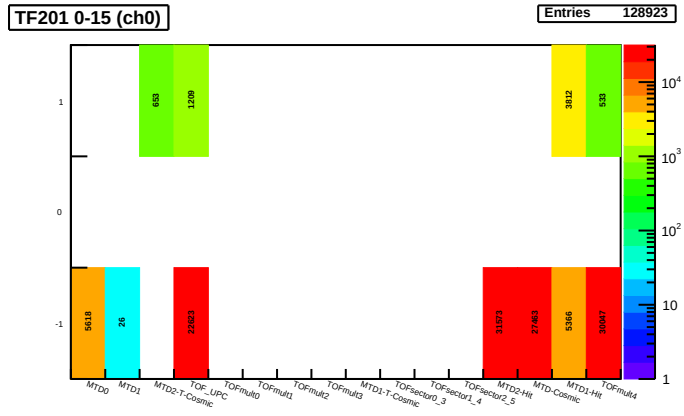

mFP201JP_FM103 large north
Entries 96579
JP-T
JP-M
JP-B

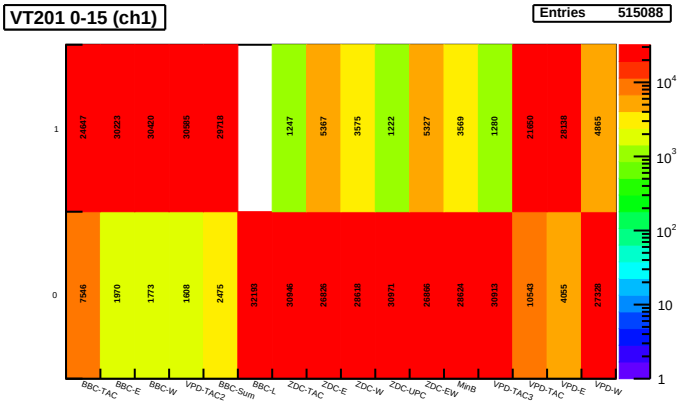

mFP201JPsim_FM103 large north
Entries 77999
JP-T
JP-M
JP-B

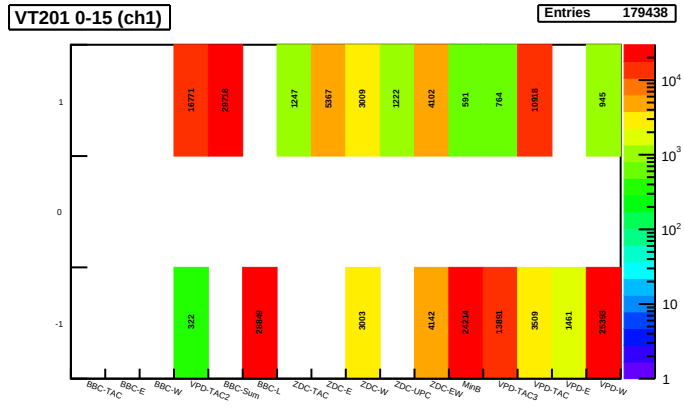

mFP201JP_FM104 large south
Entries 96579
JP-T
JP-M
JP-B

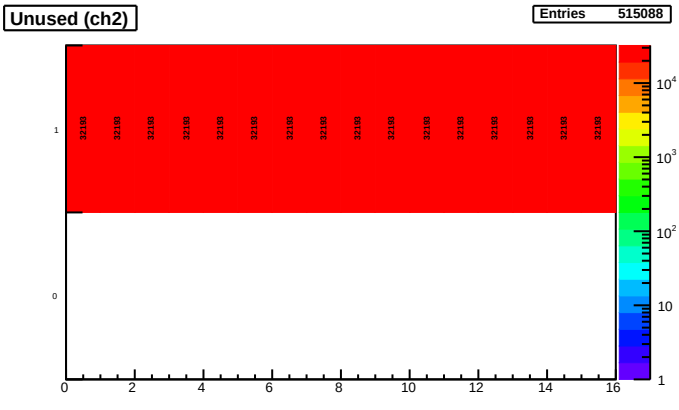

mFP201JPsim_FM104 large south
Entries 70690
JP-T
JP-M
JP-B

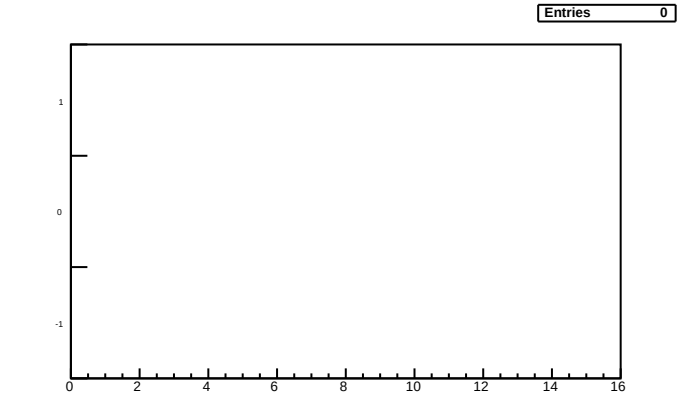

TF201 0-15 (ch0)
Entries 515088
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

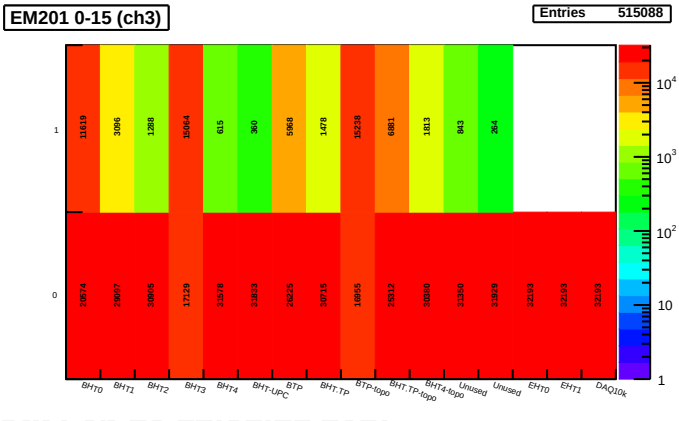

TF201 0-15 (ch0)
Entries 128923
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

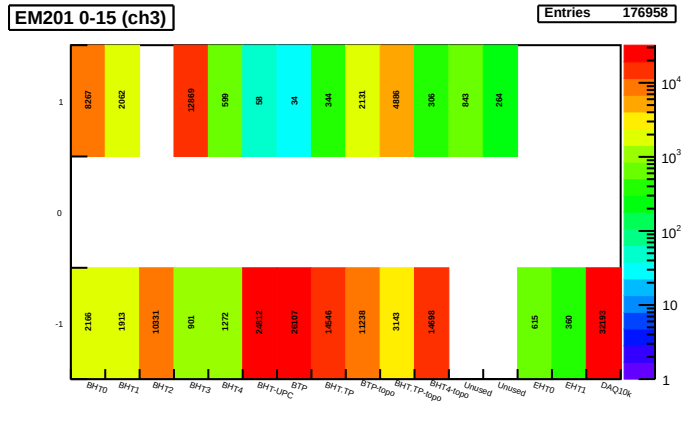

VT201 0-15 (ch1)
Entries 515088
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W


VT201 0-15 (ch1)
Entries 179438
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

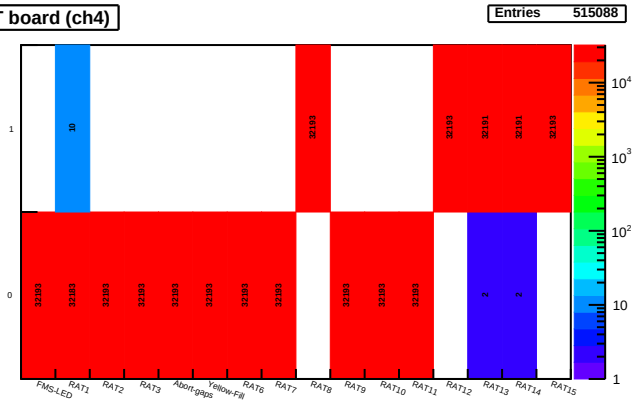

Unused (ch2)
Entries 515088

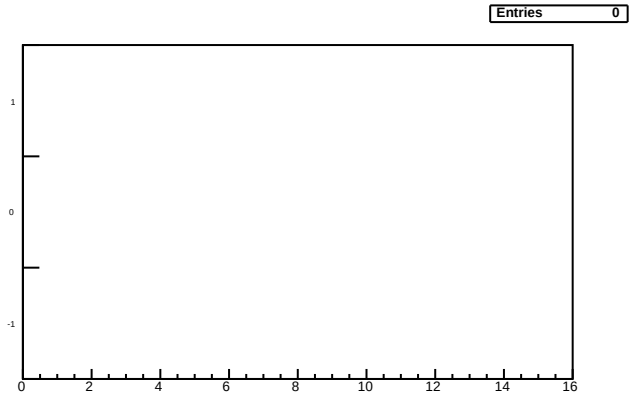

Entries 0


EM201 0-15 (ch3)
Entries 515088
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

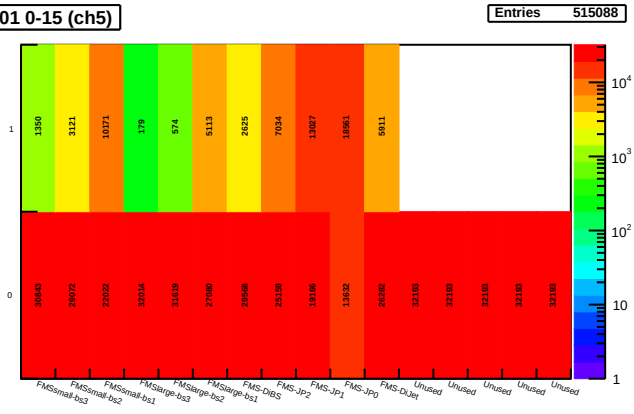

EM201 0-15 (ch3)
Entries 176958
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

**RAT board (ch4)**

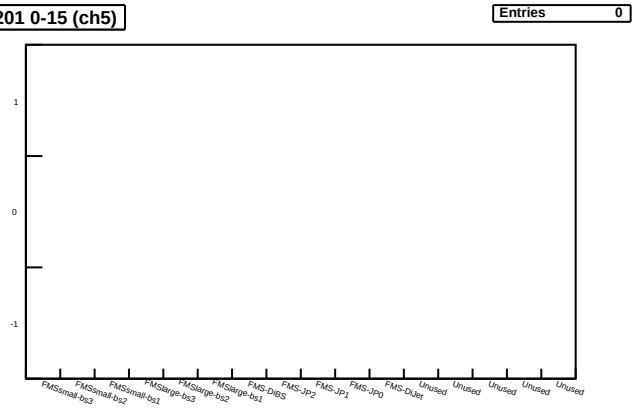


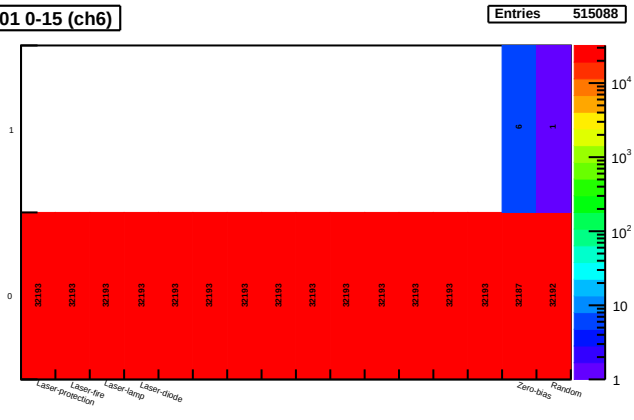

**FP201 0-15 (ch5)**

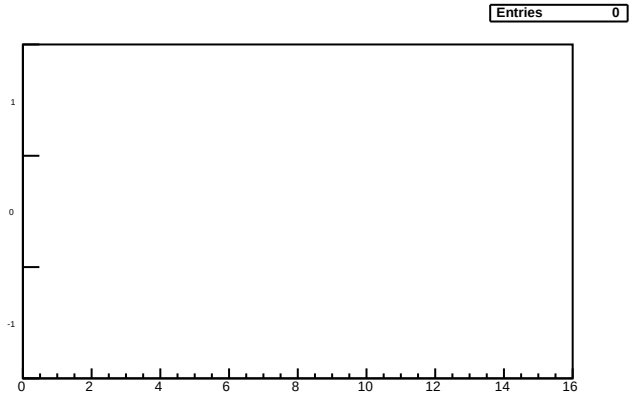


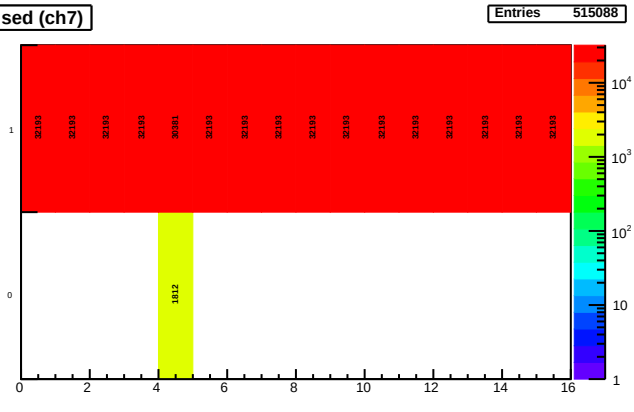
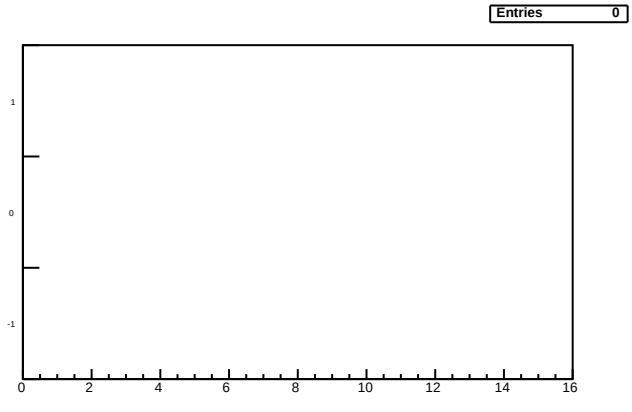

**FP201 0-15 (ch5)**




**ST201 0-15 (ch6)**




**Unused (ch7)**