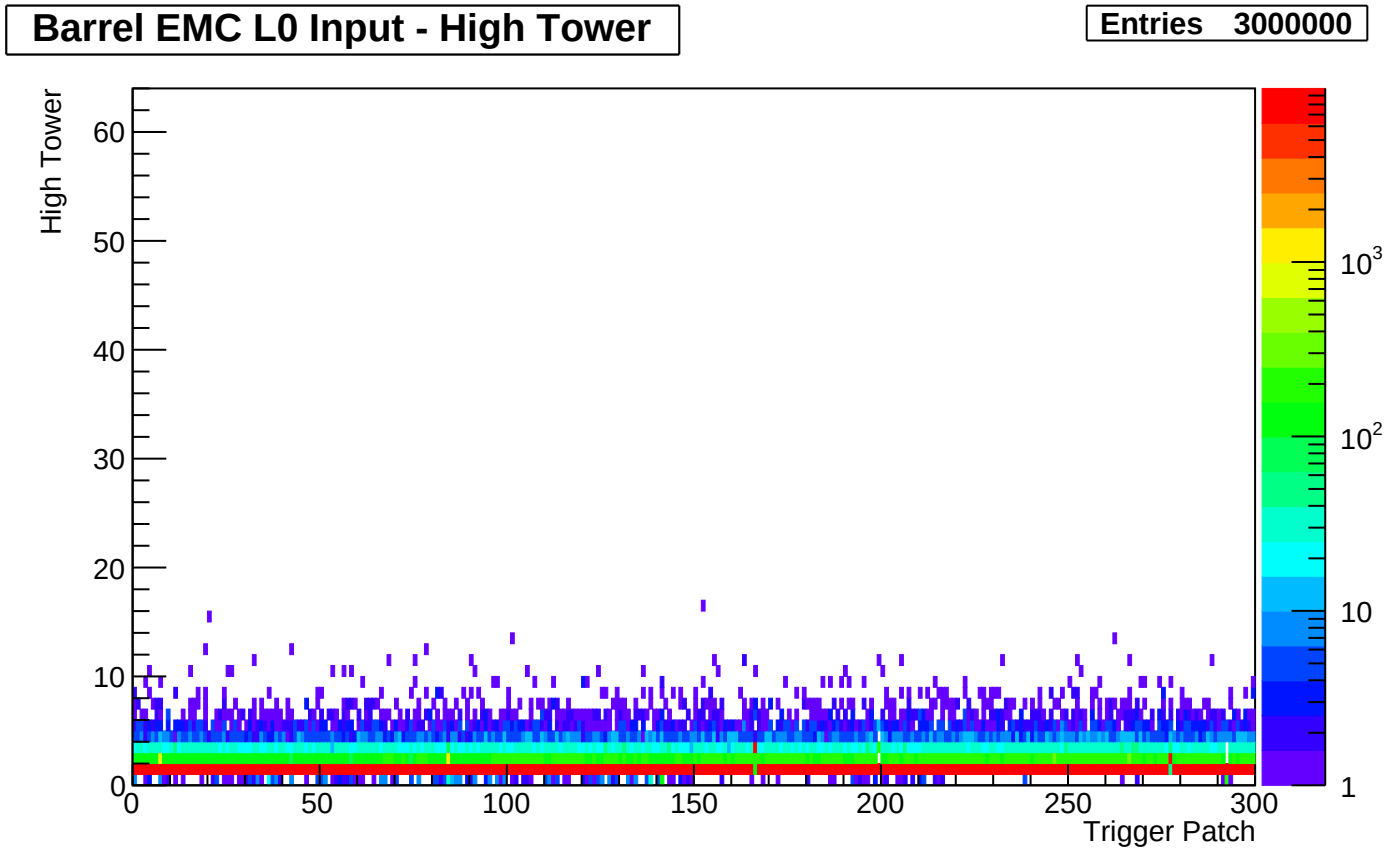
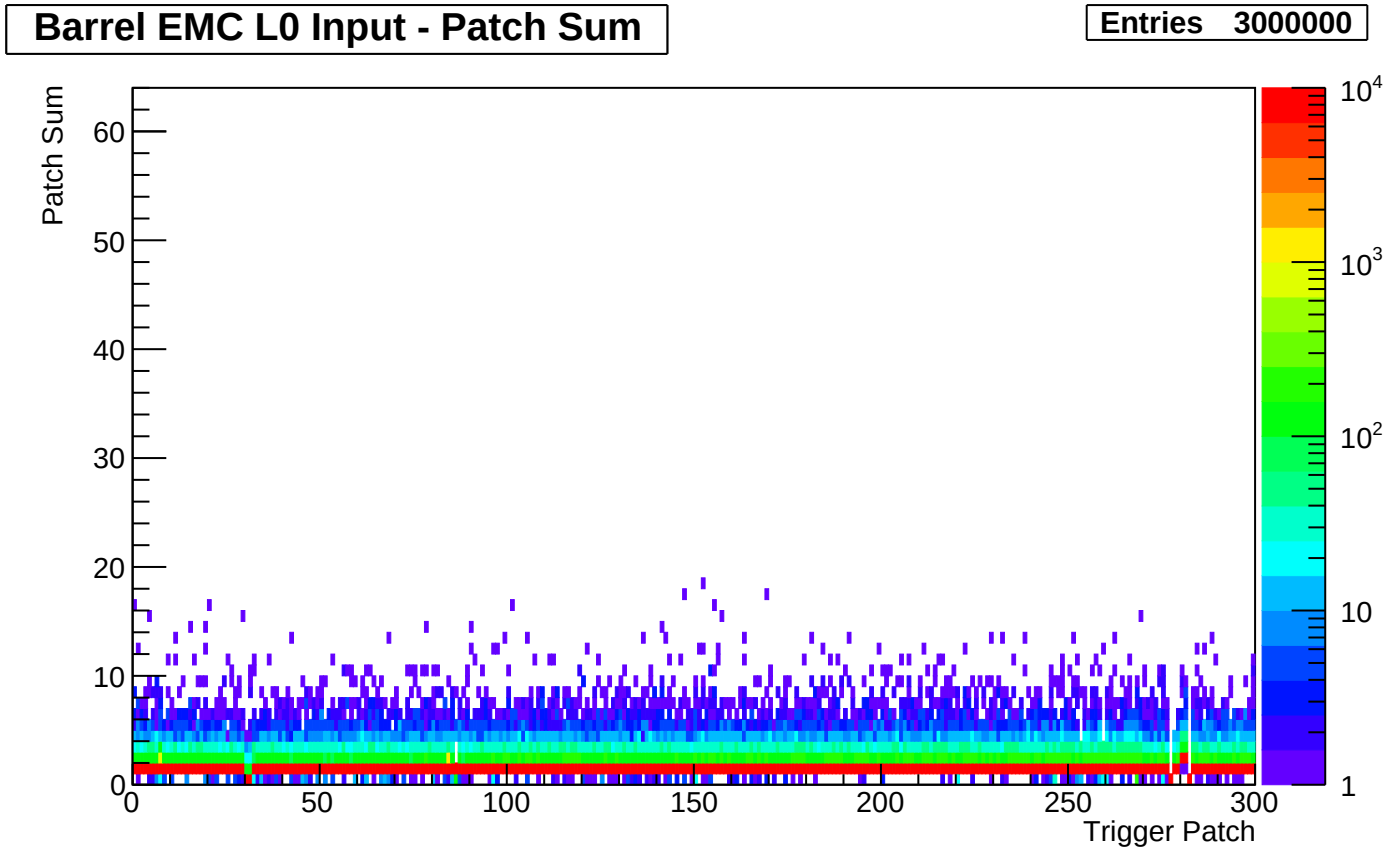
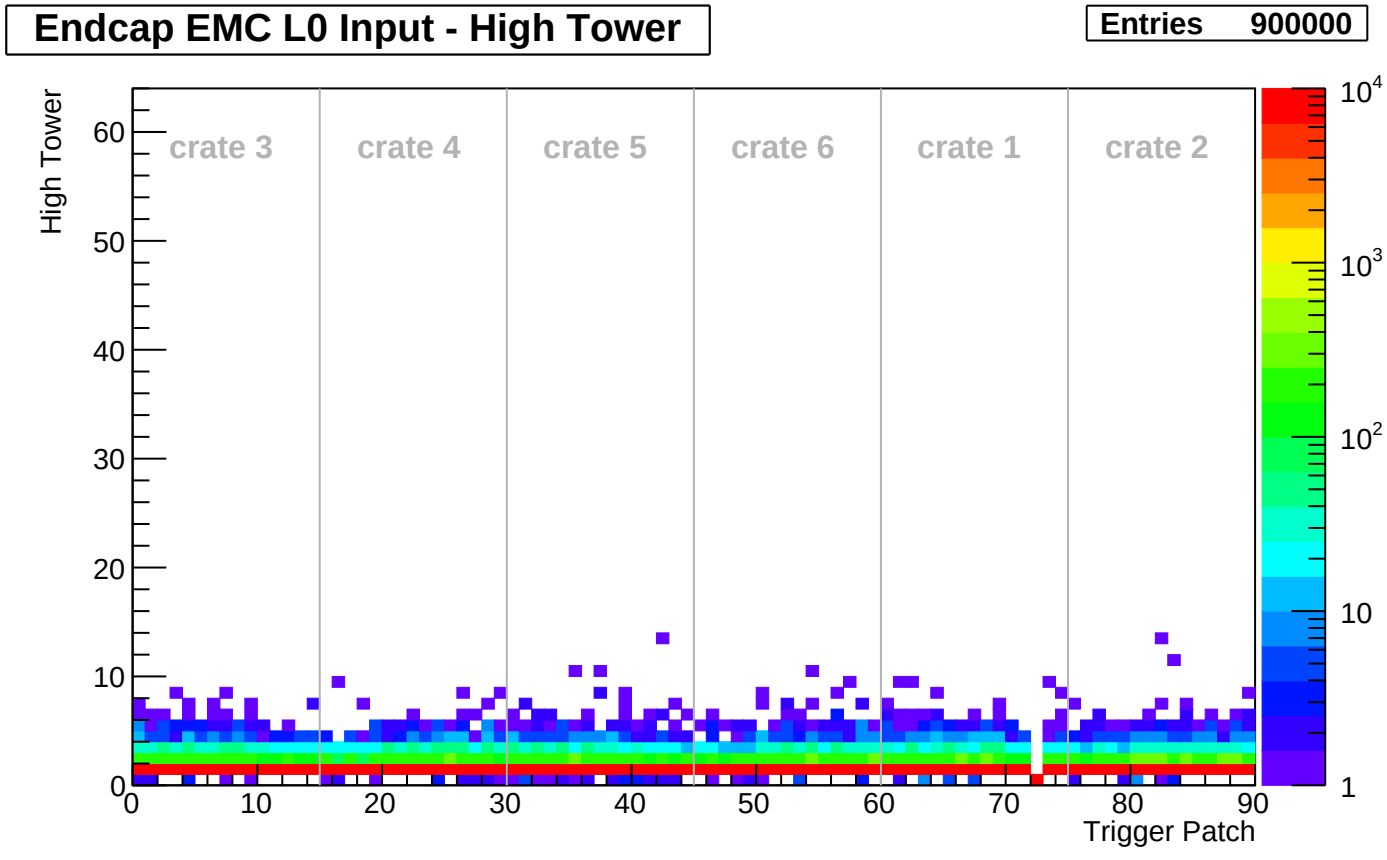
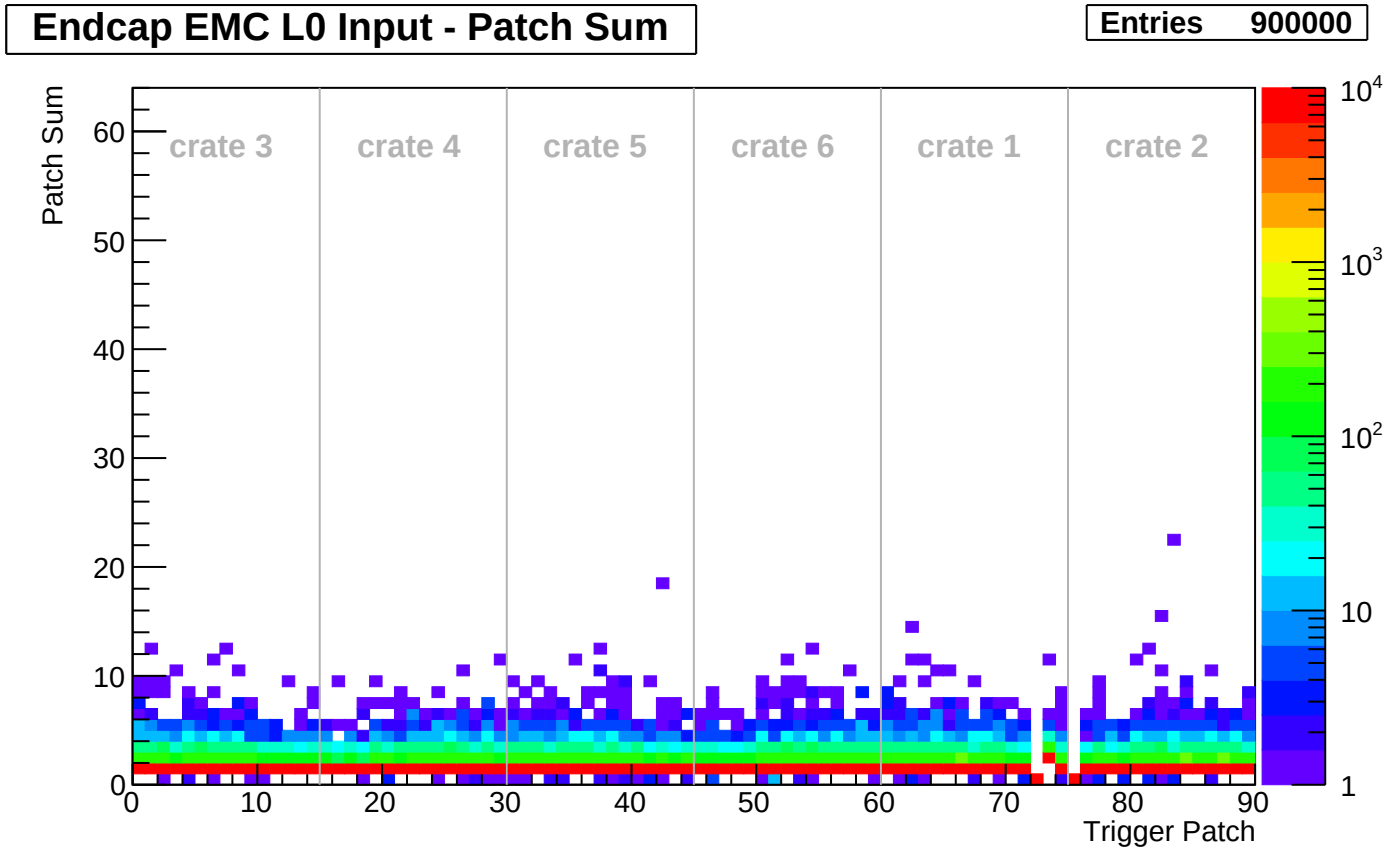
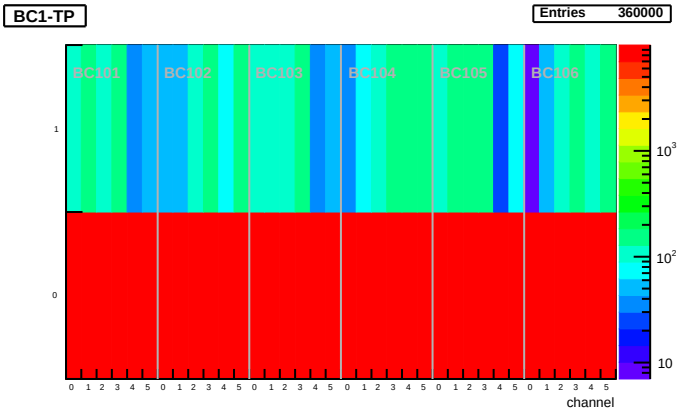
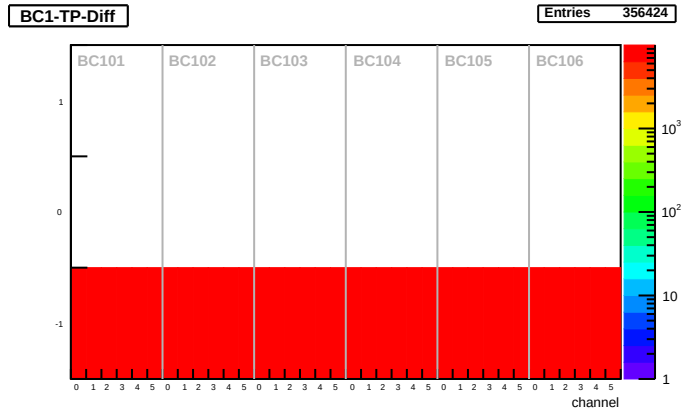

Barrel EMC L0 Input - High Tower
Entries 3000000
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3

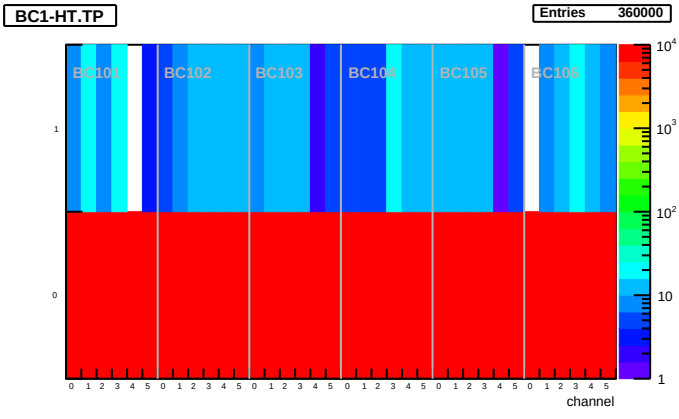

Barrel EMC L0 Input - Patch Sum
Entries 3000000
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

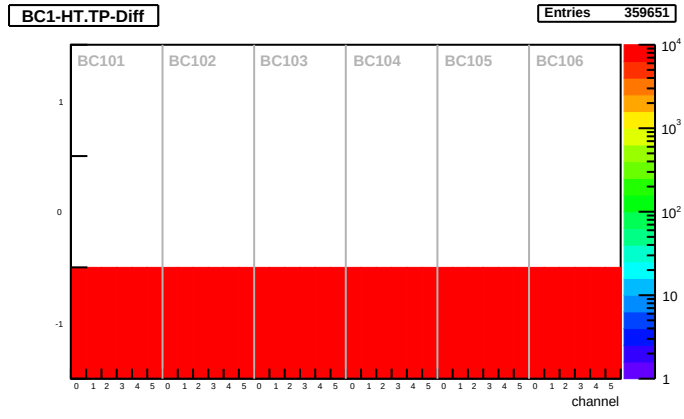

Endcap EMC L0 Input - High Tower
Entries 900000
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3
10^4

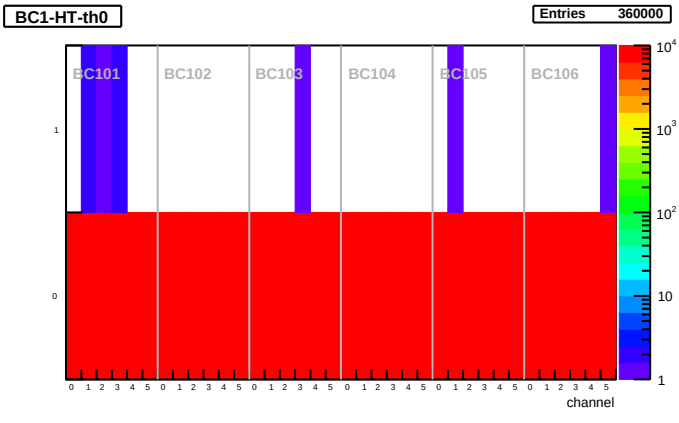

Endcap EMC L0 Input - Patch Sum
Entries 900000
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3
10^4

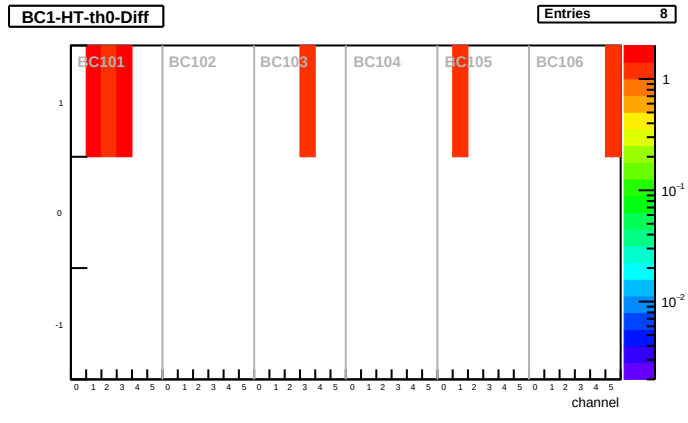

BC1-TP
Entries 360000
BC101
BC102
BC103
BC104
BC105
BC106
channel

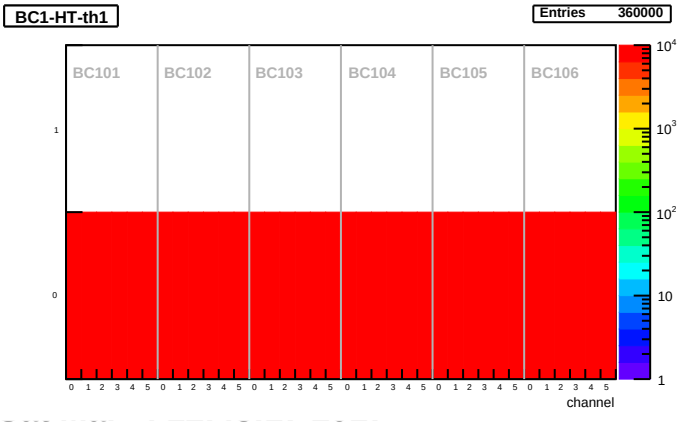

BC1-TP-Diff
Entries 356424
BC101
BC102
BC103
BC104
BC105
BC106
channel

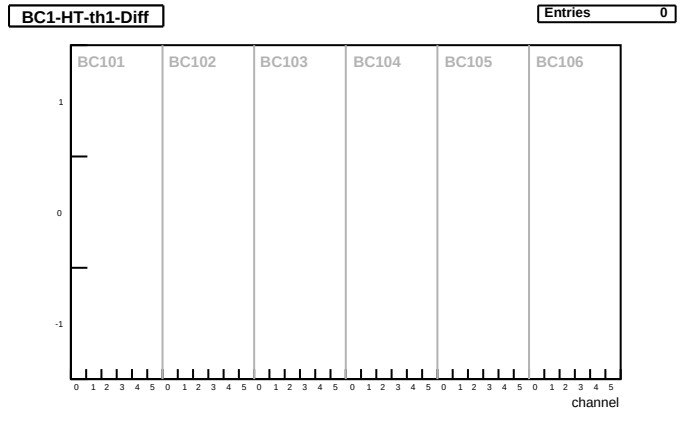

BC1-HT.TP
Entries 360000
BC101
BC102
BC103
BC104
BC105
BC106
channel

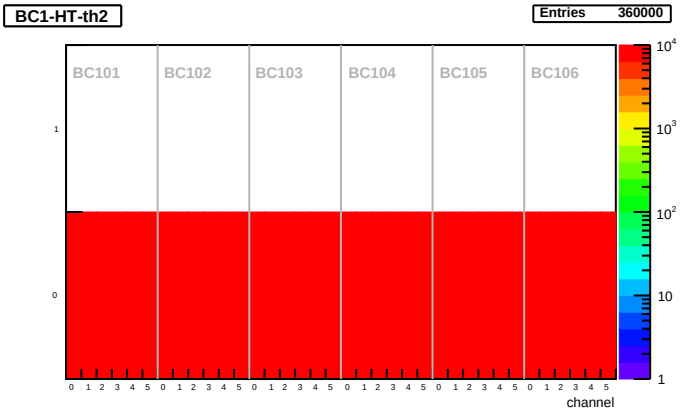

BC1-HT.TP-Diff
Entries 359651
BC101
BC102
BC103
BC104
BC105
BC106
channel

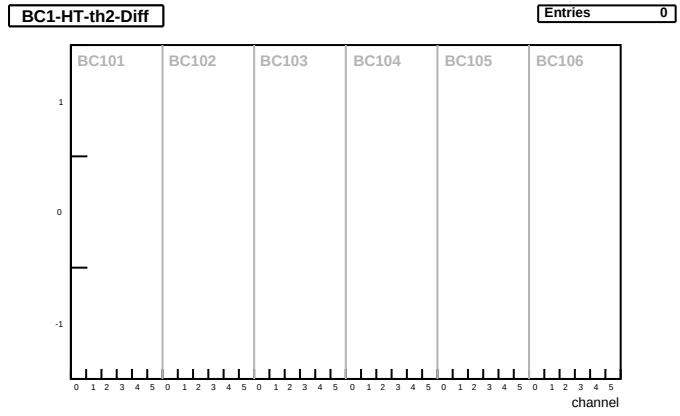

BC1-HT-th0
Entries 360000
BC101
BC102
BC103
BC104
BC105
BC106
channel

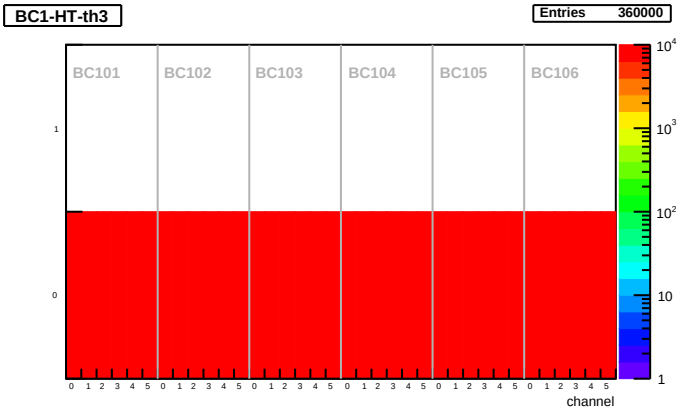

BC1-HT-th0-Diff
Entries 8
BC101
BC102
BC103
BC104
BC105
BC106
channel

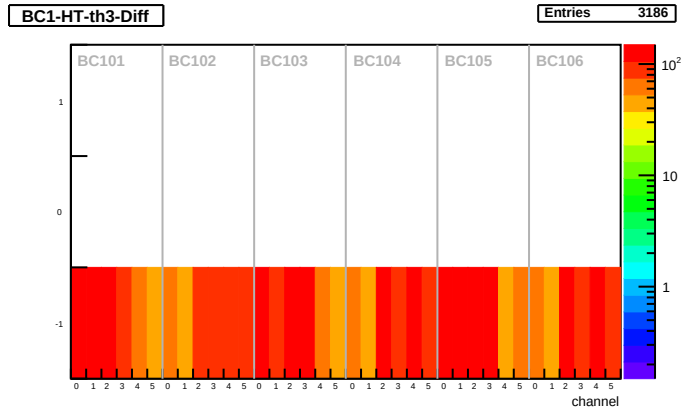

BC1-HT-th1
Entries 360000
BC101
BC102
BC103
BC104
BC105
BC106
channel

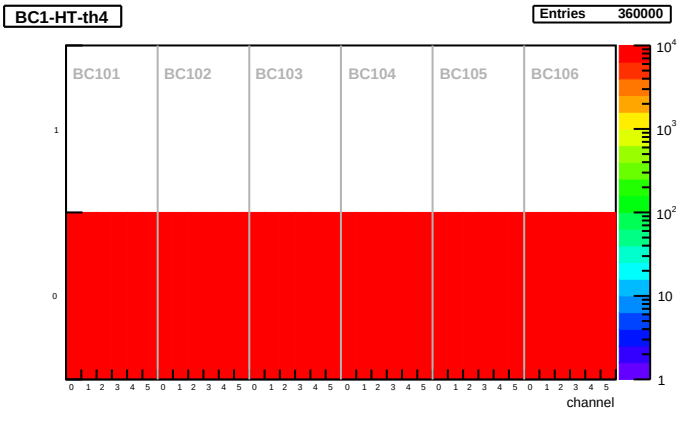

BC1-HT-th1-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

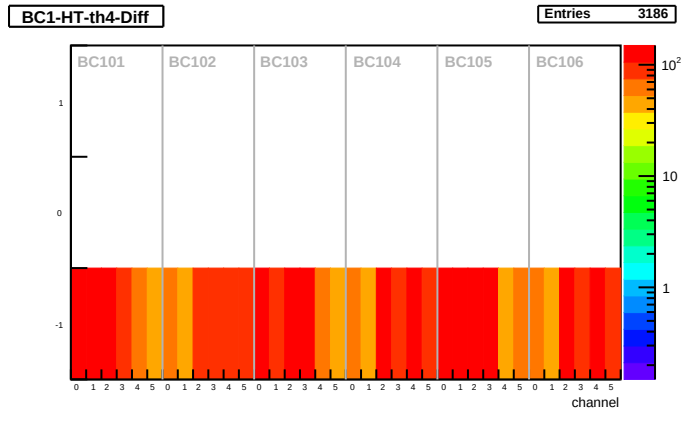

BC1-HT-th2
Entries 360000
BC101
BC102
BC103
BC104
BC105
BC106
channel

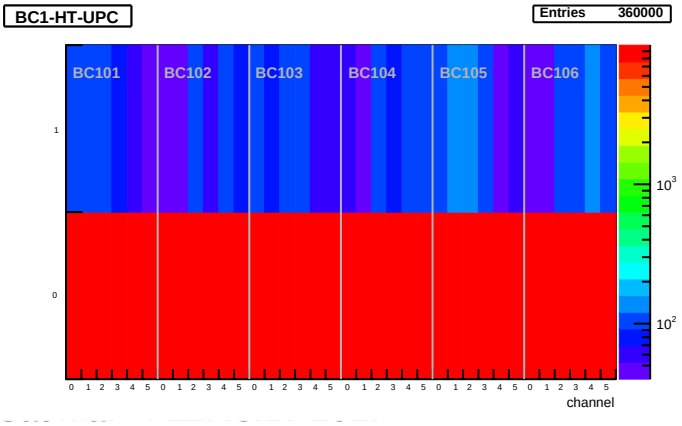

BC1-HT-th2-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

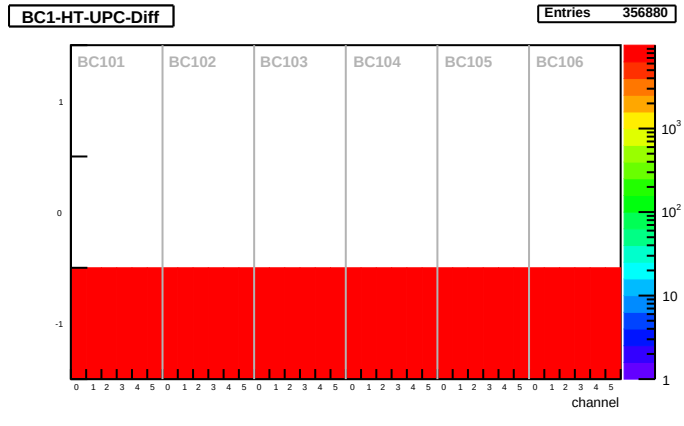

BC1-HT-th3
Entries 360000
BC101
BC102
BC103
BC104
BC105
BC106
channel

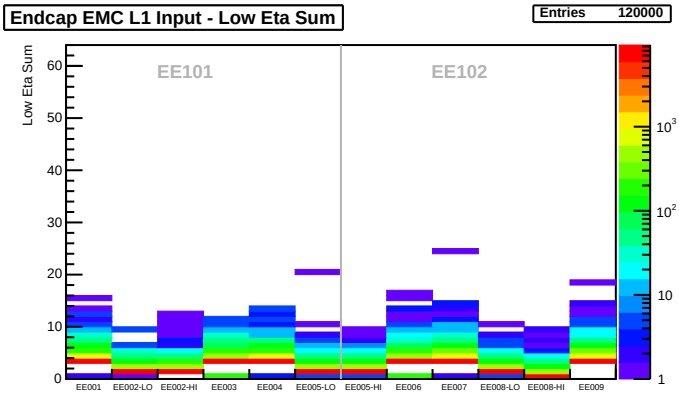

BC1-HT-th3-Diff
Entries 3186
BC101
BC102
BC103
BC104
BC105
BC106
channel

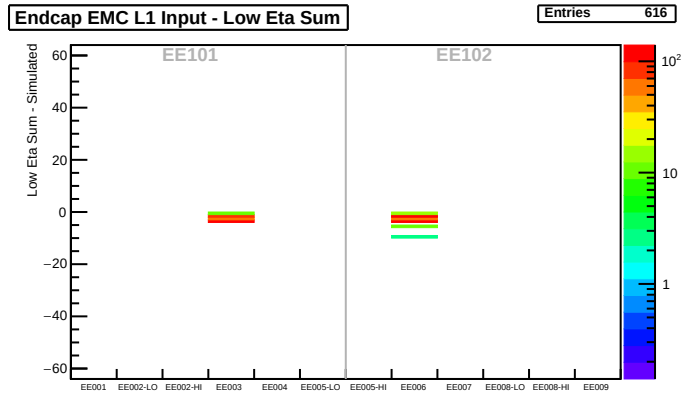

BC1-HT-th4
Entries 360000
BC101
BC102
BC103
BC104
BC105
BC106
channel

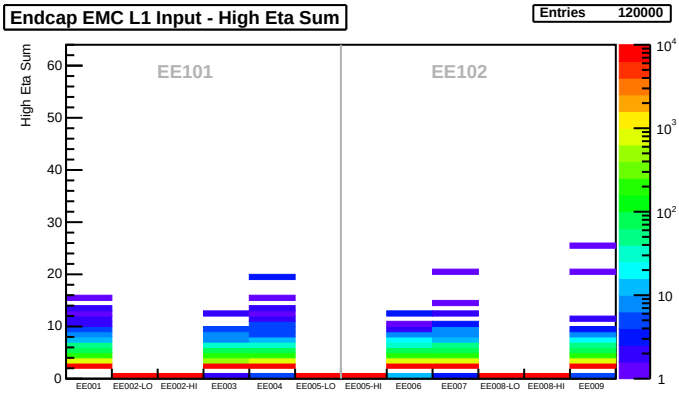

BC1-HT-th4-Diff
Entries 3186
BC101
BC102
BC103
BC104
BC105
BC106
channel

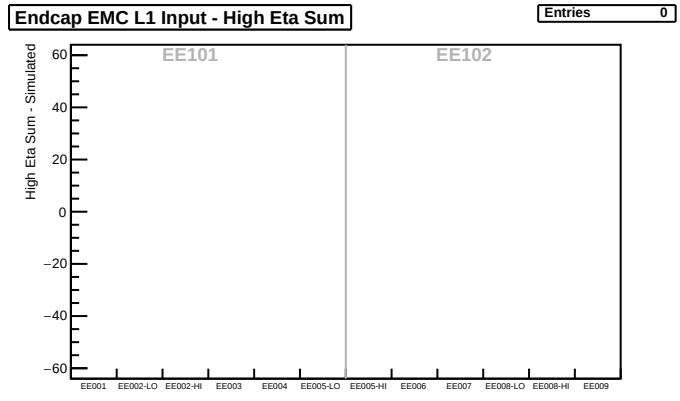

BC1-HT-UPC
Entries 360000
BC101
BC102
BC103
BC104
BC105
BC106
channel

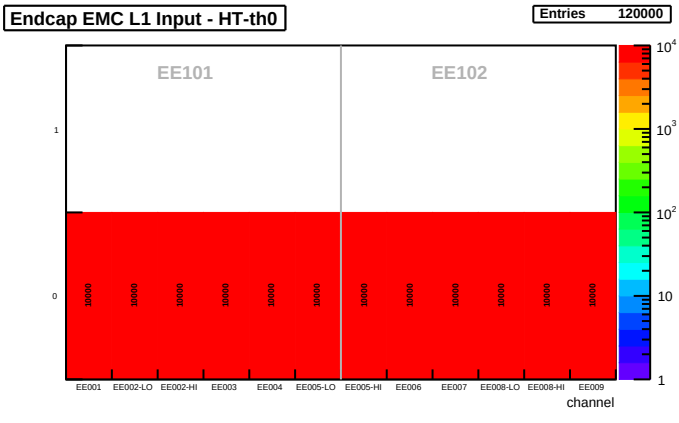

BC1-HT-UPC-Diff
Entries 356880
BC101
BC102
BC103
BC104
BC105
BC106
channel

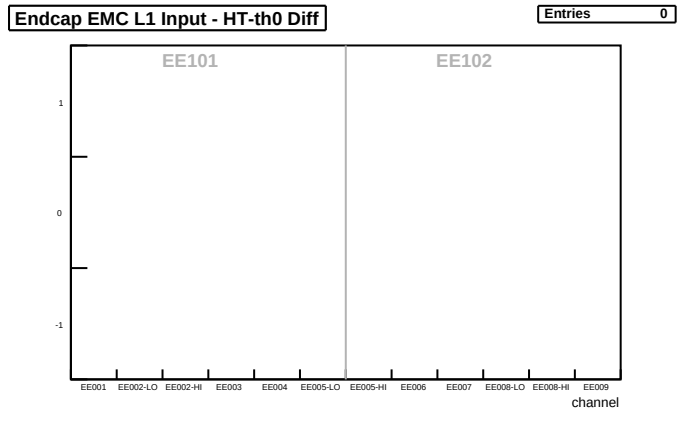

Endcap EMC L1 Input - Low Eta Sum
Entries 120000
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

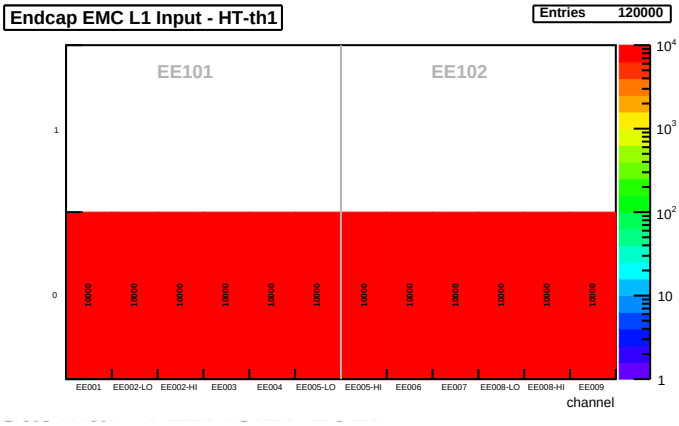

Endcap EMC L1 Input - Low Eta Sum
Entries 616
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

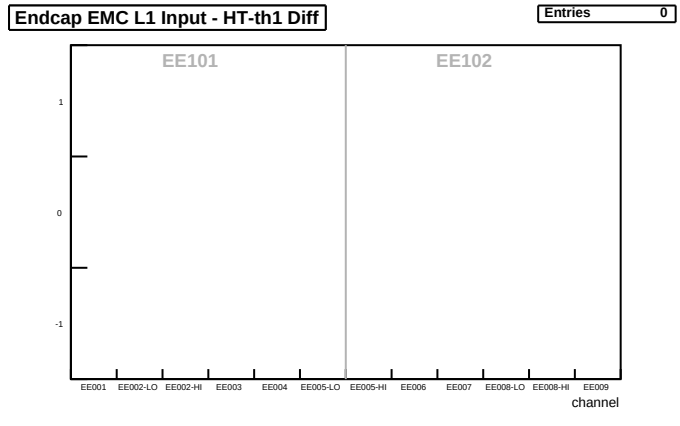

Endcap EMC L1 Input - High Eta Sum
Entries 120000
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

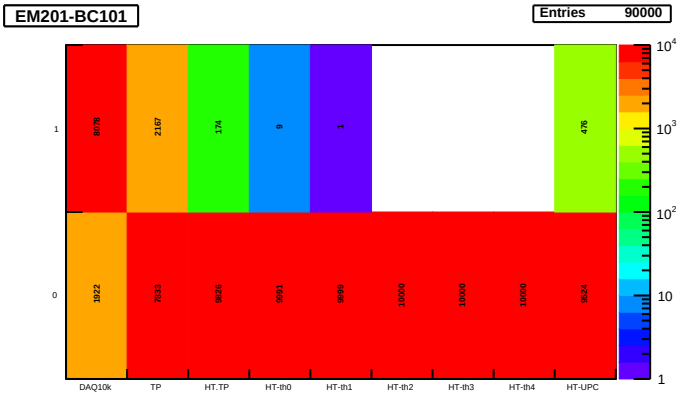

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

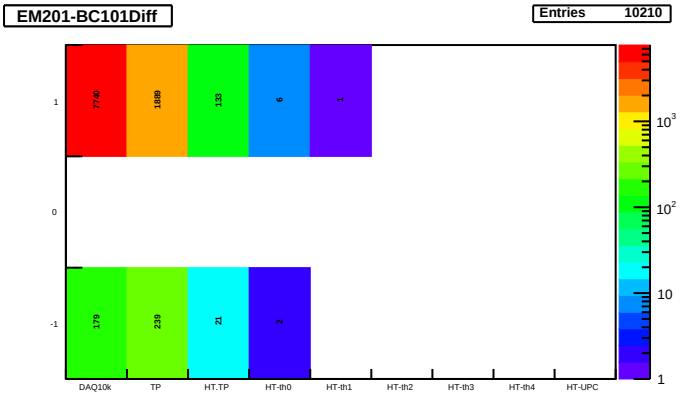

Endcap EMC L1 Input - HT-th0
Entries 120000
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

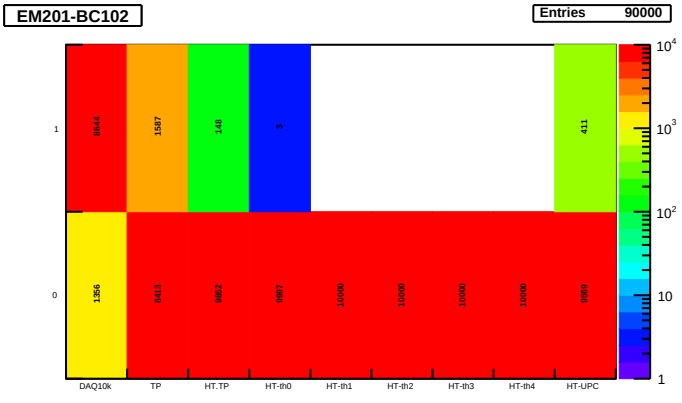

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

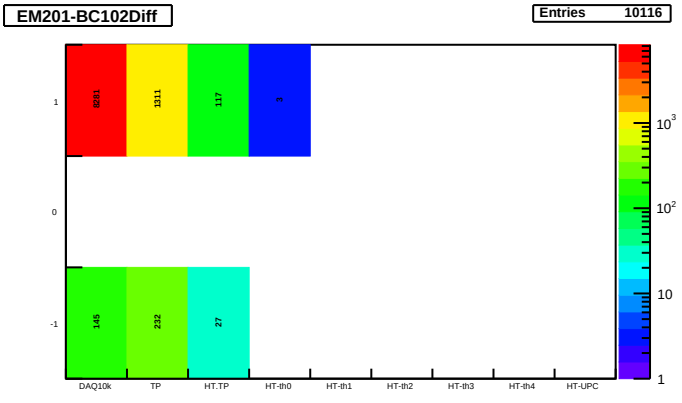

Endcap EMC L1 Input - HT-th1
Entries 120000
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

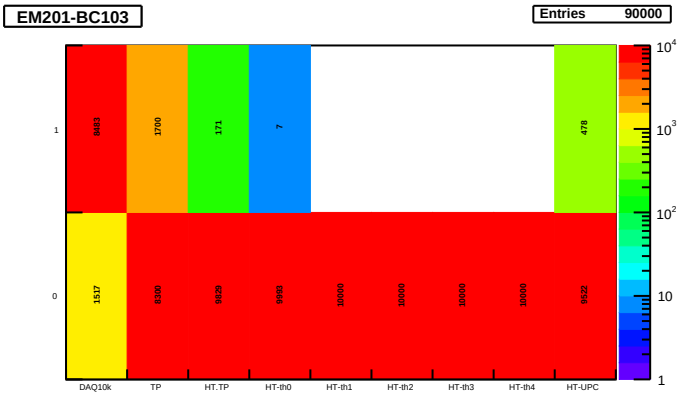

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

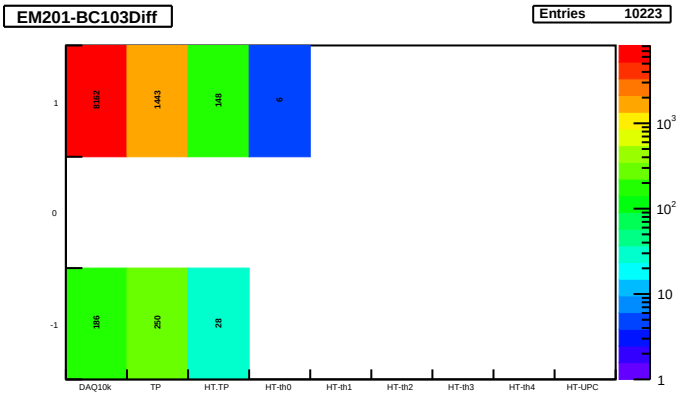

EM201-BC101
Entries 90000
1 8078 2167 174 9 1 476
0 1922 7833 9826 9991 9999 10000 10000 10000 9524
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
1 10 10^2 10^3 10^4

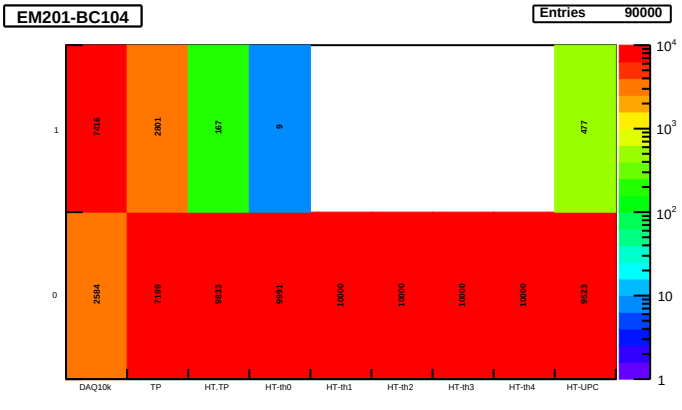

EM201-BC101Diff
Entries 10210
1 7740 1889 133 6 1
0
-1 179 239 21 2
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
1 10 10^2 10^3

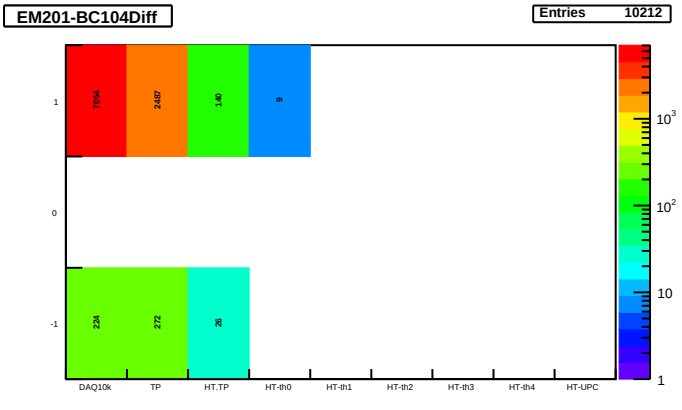

EM201-BC102
Entries 90000
1 8644 1587 148 3 411
0 1356 8413 9852 9997 10000 10000 10000 10000 9589
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
1 10 10^2 10^3 10^4

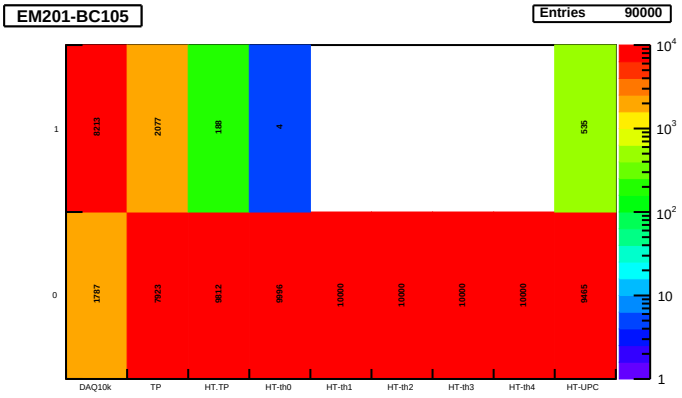

EM201-BC102Diff
Entries 10116
1 8231 1311 117 3
0
-1 145 232 27
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
1 10 10^2 10^3

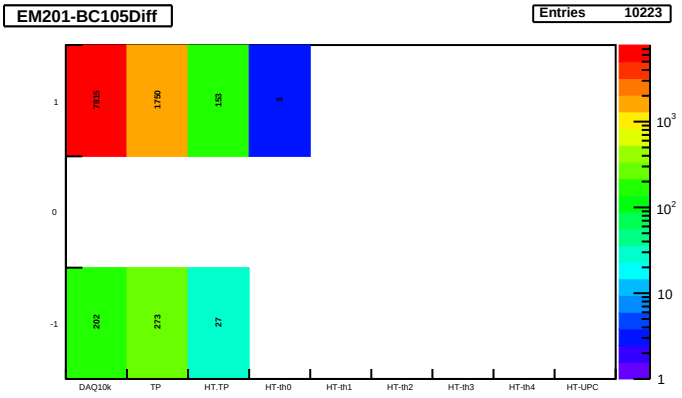

EM201-BC103
Entries 90000
1 8483 1700 171 7 478
0 1517 8300 9829 9993 10000 10000 10000 10000 9522
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
1 10 10^2 10^3 10^4

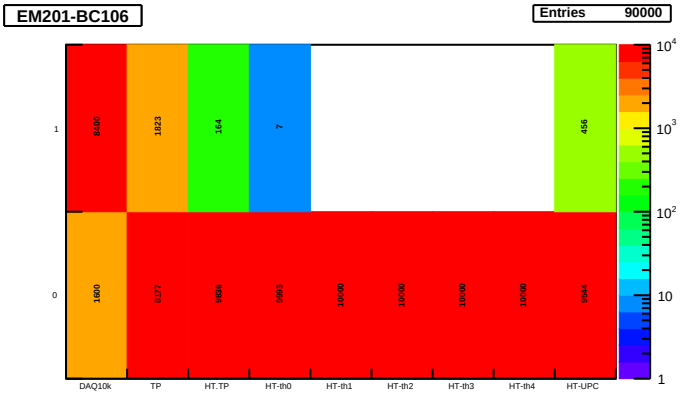

EM201-BC103Diff
Entries 10223
1 8162 1443 148 6
0
-1 186 250 28
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
1 10 10^2 10^3

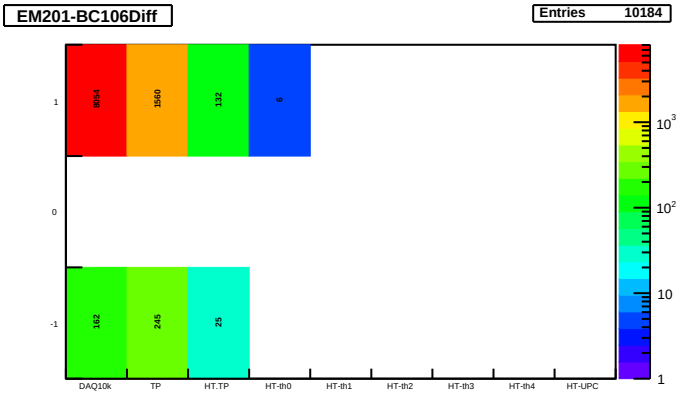

EM201-BC104
Entries 90000
1 7416 2801 167 9 477
0 2584 7199 9833 9991 10000 10000 10000 10000 9523
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
1 10 10^2 10^3 10^4

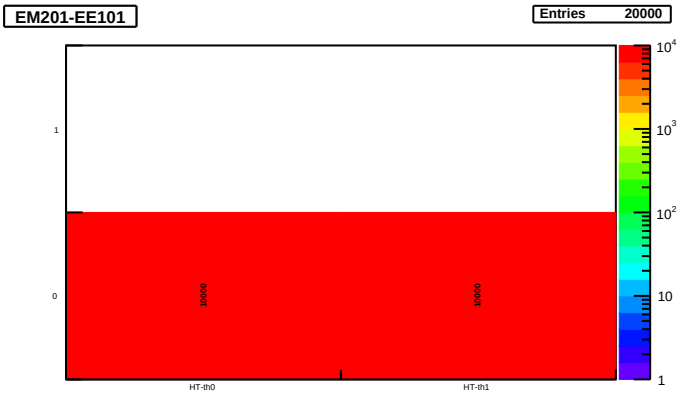

EM201-BC104Diff
Entries 10212
1 7094 2487 140 9
0
-1 224 272 26
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
1 10 10^2 10^3

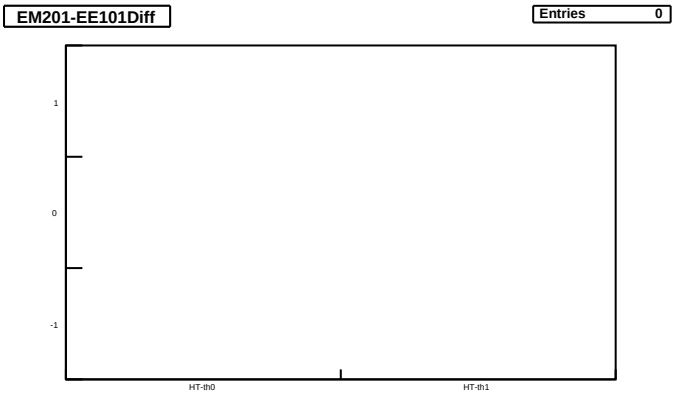

EM201-BC105
Entries 90000
1
0
8213
2077
188
4
535
1787
7923
9812
9996
10000
10000
10000
10000
9465
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

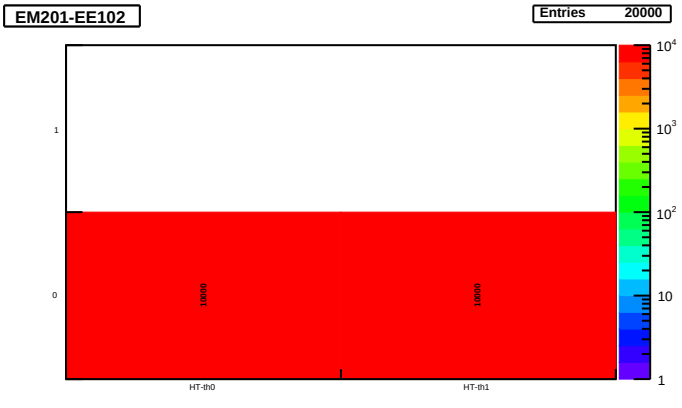

EM201-BC105Diff
Entries 10223
1
0
-1
7815
1750
153
3
202
273
27
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

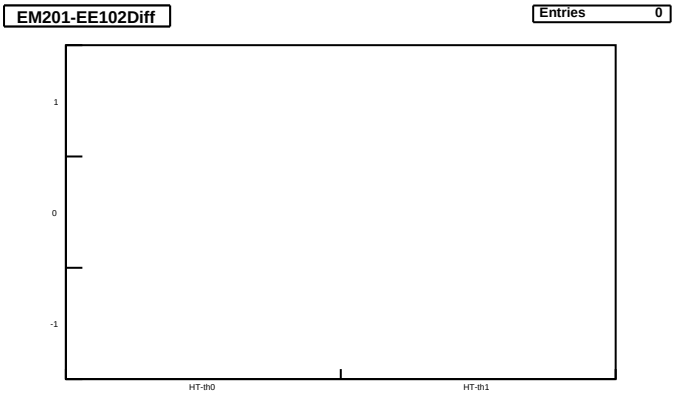

EM201-BC106
Entries 90000
1
0
8400
1823
164
7
456
1600
8177
9836
9993
10000
10000
10000
10000
9544
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

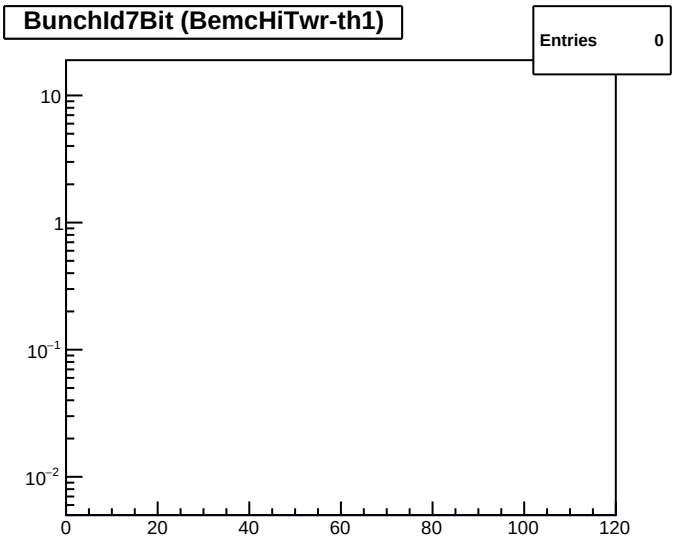

EM201-BC106Diff
Entries 10184
1
0
-1
8954
1560
132
6
162
245
25
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

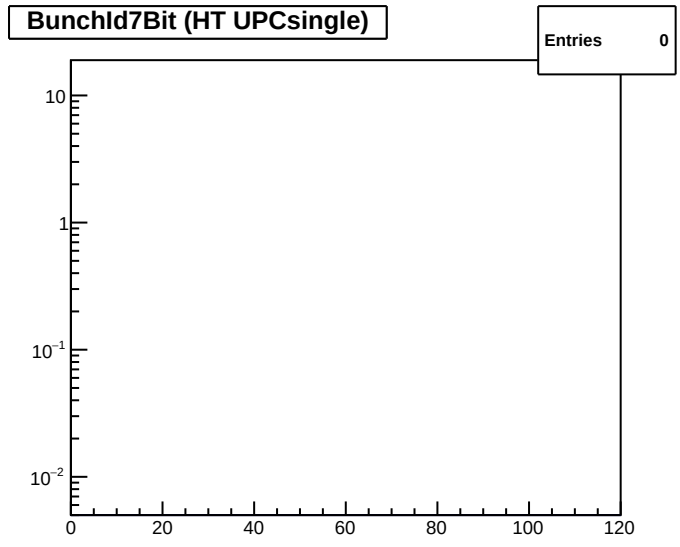

EM201-EE101
Entries 20000
1
0
10000
10000
HT-th0
HT-th1
10^4
10^3
10^2
10
1

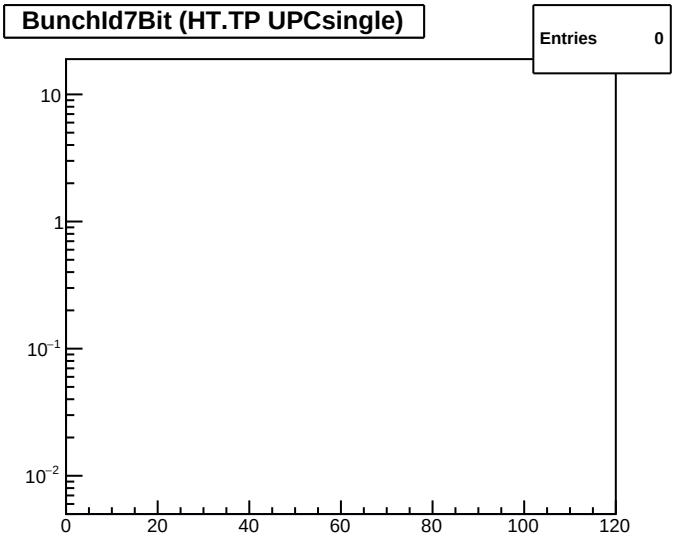

EM201-EE101Diff
Entries 0
1
0
-1
HT-th0
HT-th1

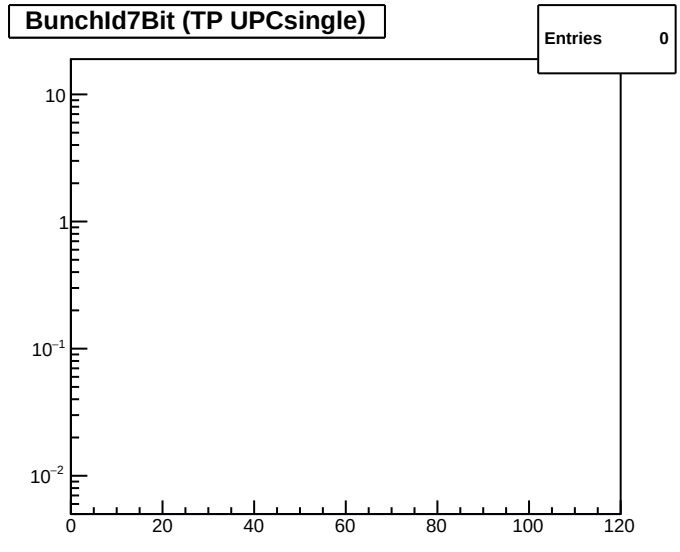

EM201-EE102
Entries 20000
1
0
10000
10000
HT-th0
HT-th1
10^4
10^3
10^2
10
1

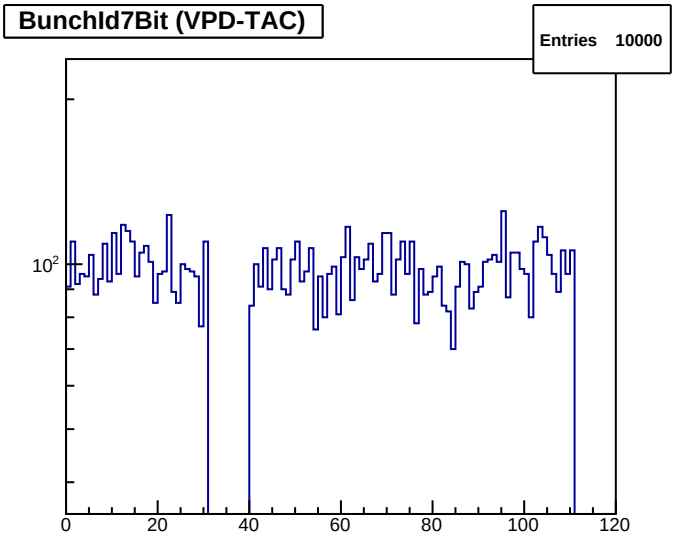

EM201-EE102Diff
Entries 0
1
0
-1
HT-th0
HT-th1

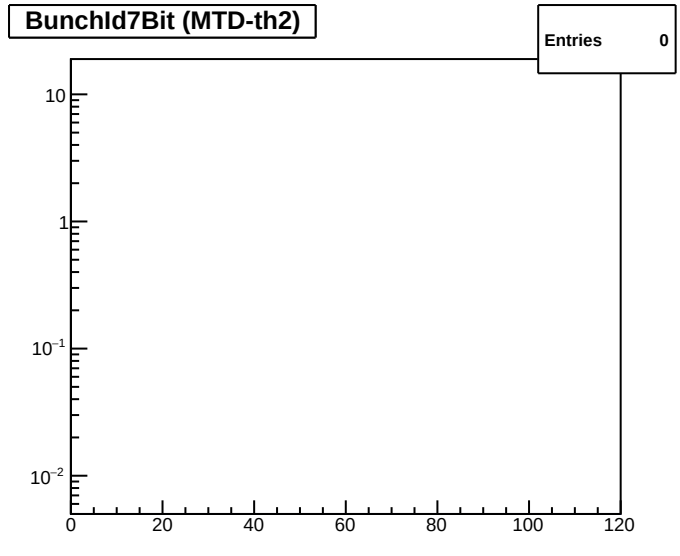

BunchId7Bit (BemcHiTwr-th1)
Entries 0
10
1
10^-1
10^-2
0 20 40 60 80 100 120

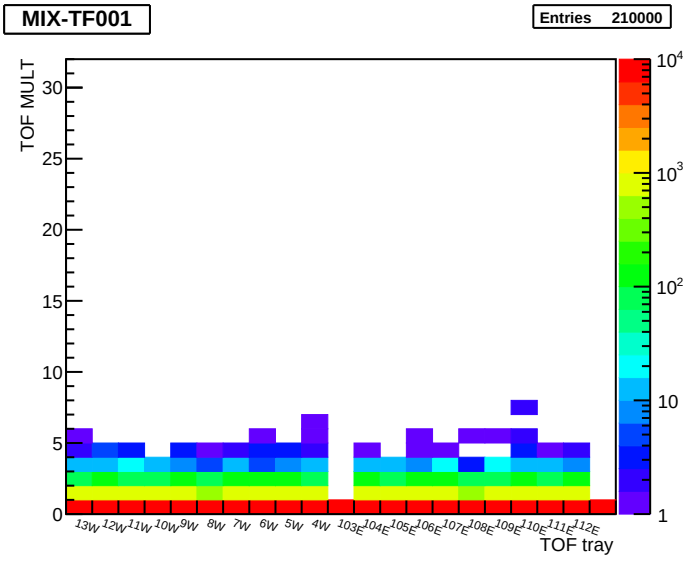

BunchId7Bit (HT UPCsingle)
Entries 0
10
1
10^-1
10^-2
0 20 40 60 80 100 120

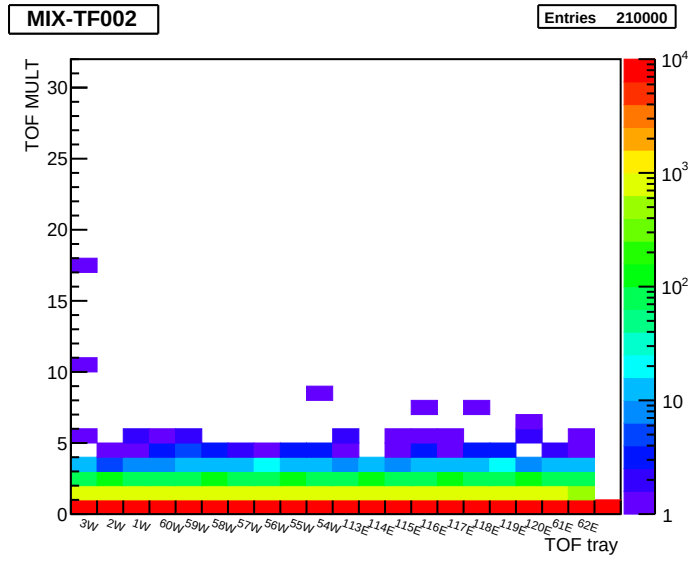

BunchId7Bit (HT.TP UPCsingle)
Entries 0
10
1
10^-1
10^-2
0 20 40 60 80 100 120

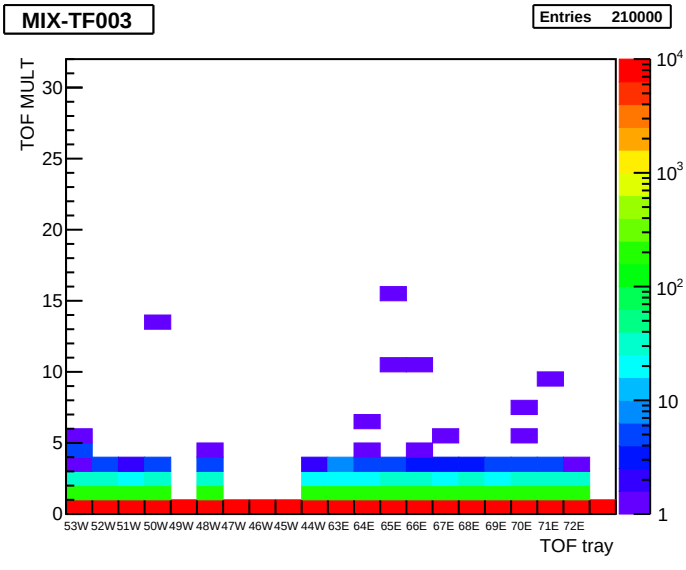

BunchId7Bit (TP UPCsingle)
Entries 0
10
1
10^-1
10^-2
0 20 40 60 80 100 120

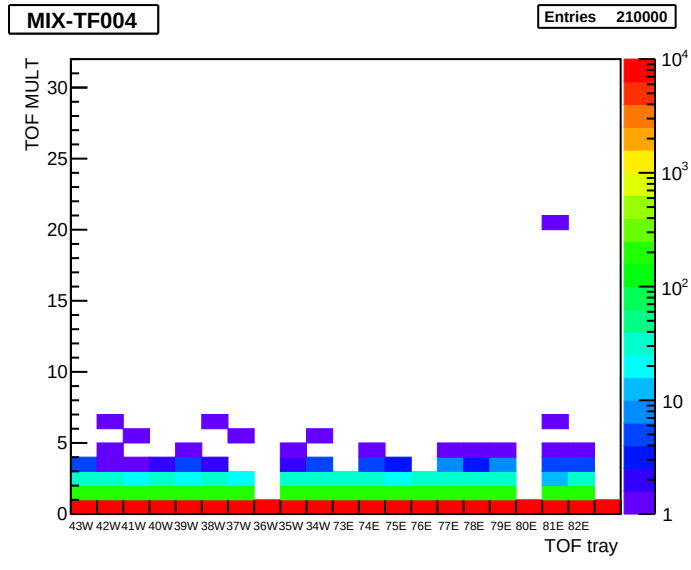

BunchId7Bit (VPD-TAC)
Entries 10000
10^2
0 20 40 60 80 100 120

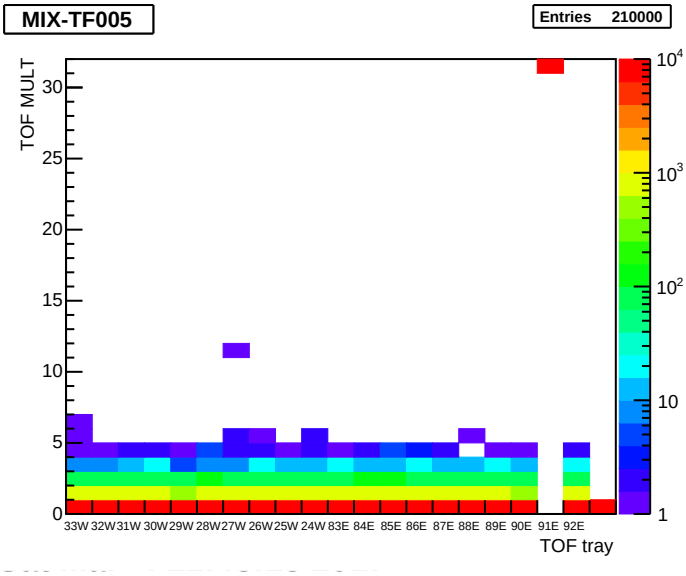

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^-1
10^-2
0 20 40 60 80 100 120

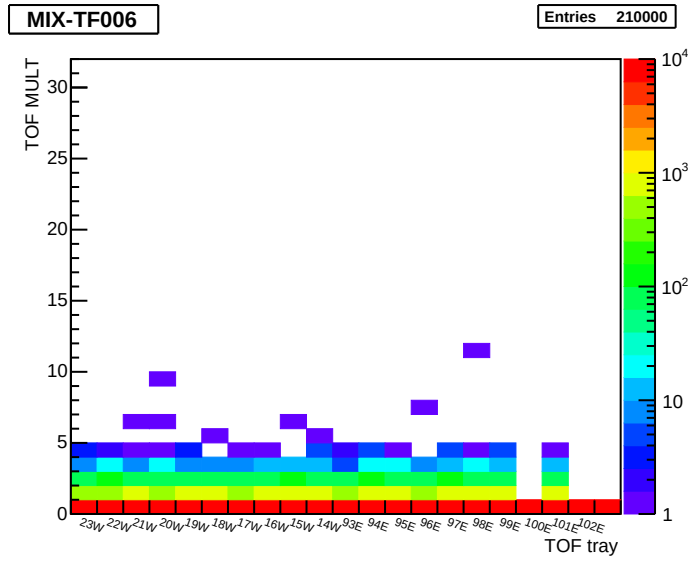

MIX-TF001
Entries 210000
TOF MULT
TOF tray

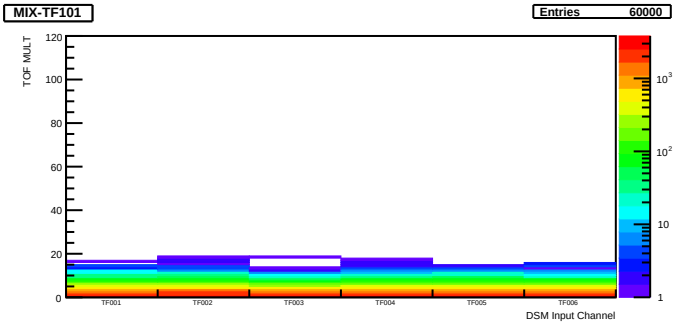

MIX-TF002
Entries 210000
TOF MULT
TOF tray

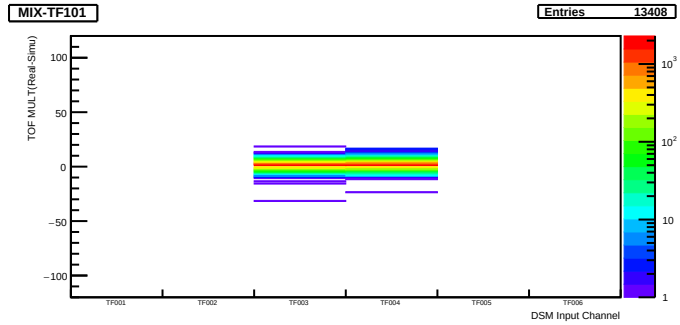

MIX-TF003
Entries 210000
TOF MULT
TOF tray

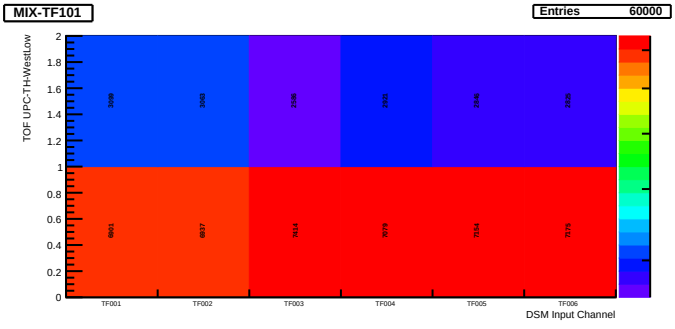

MIX-TF004
Entries 210000
TOF MULT
TOF tray

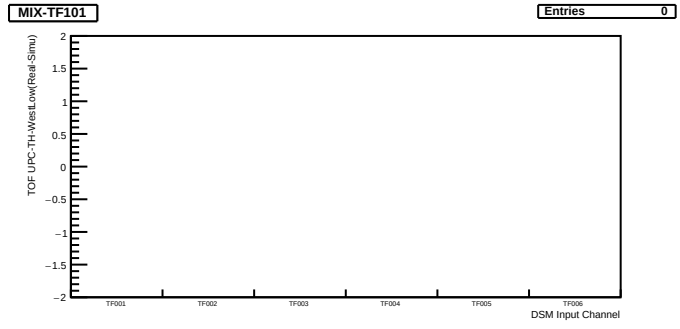

MIX-TF005
Entries 210000
TOF MULT
TOF tray

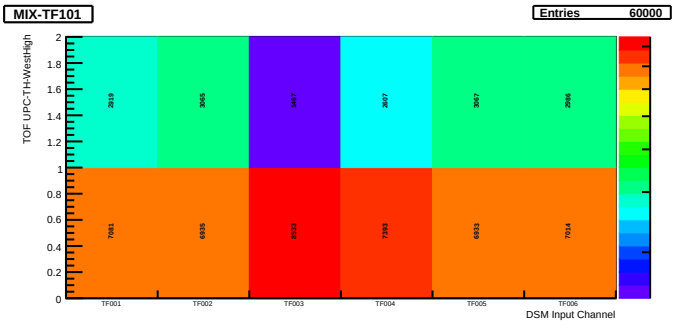

MIX-TF006
Entries 210000
TOF MULT
TOF tray

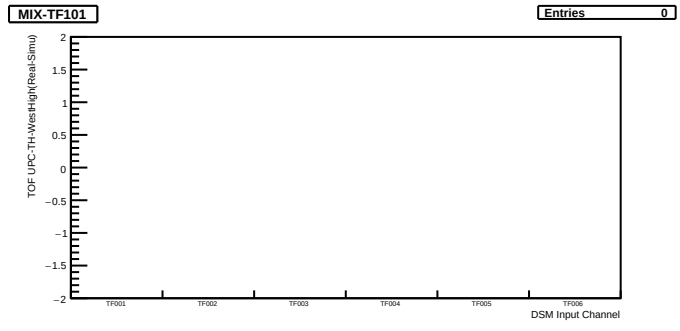

MIX-TF101
Entries 60000
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

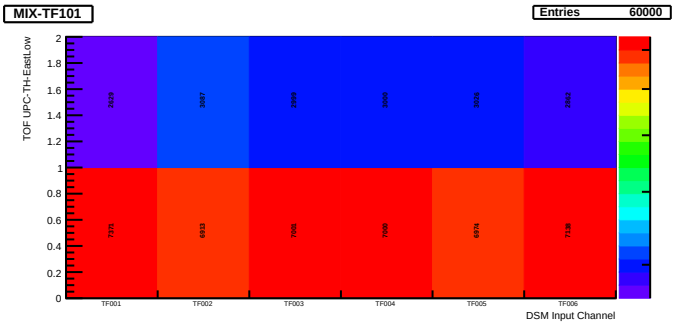

MIX-TF101
Entries 13408
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

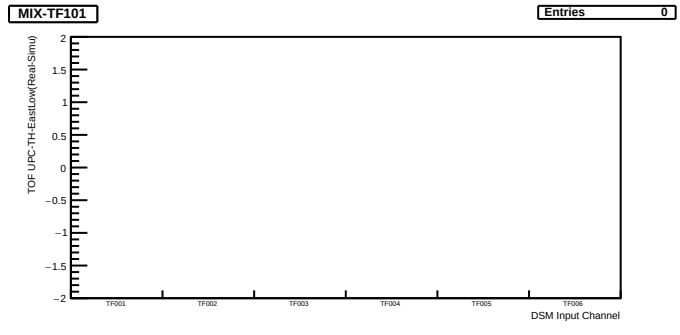

MIX-TF101
Entries 60000
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

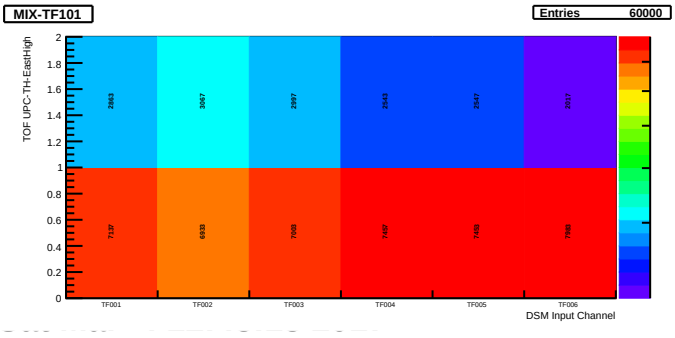

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

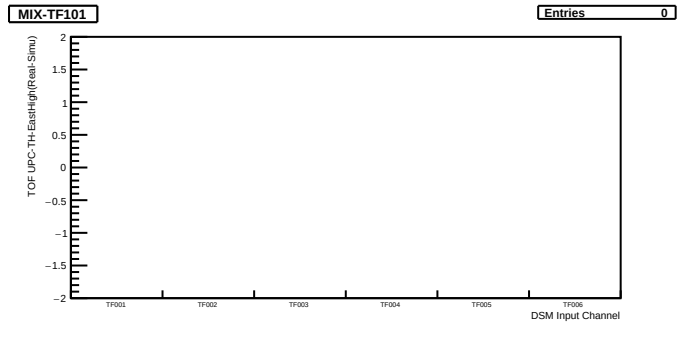

MIX-TF101
Entries 60000
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

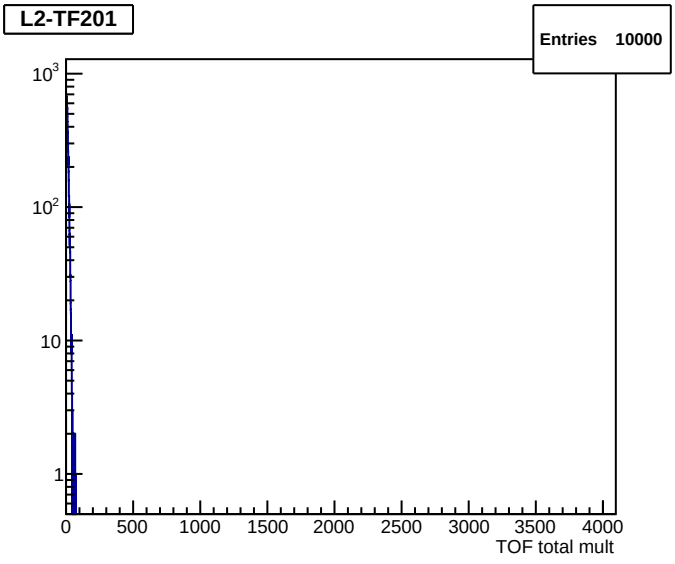

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

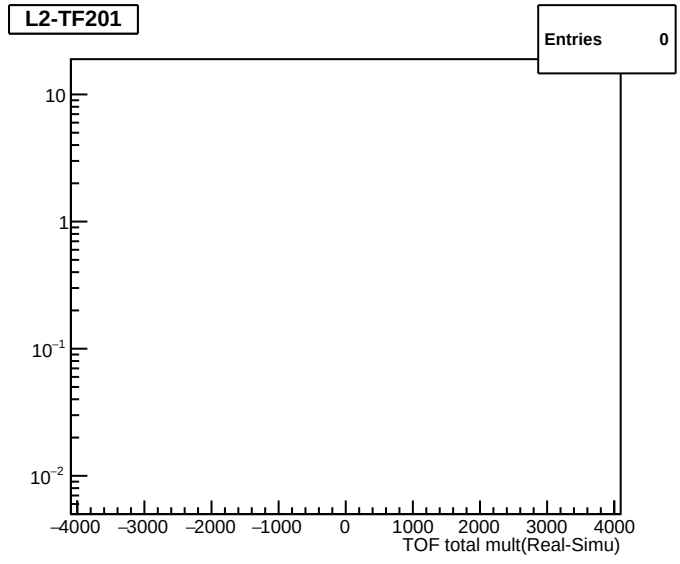

MIX-TF101
Entries 60000
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

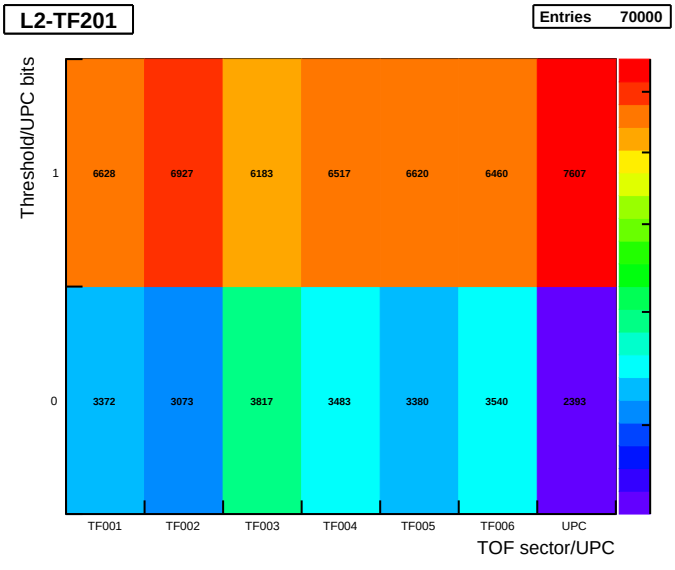

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

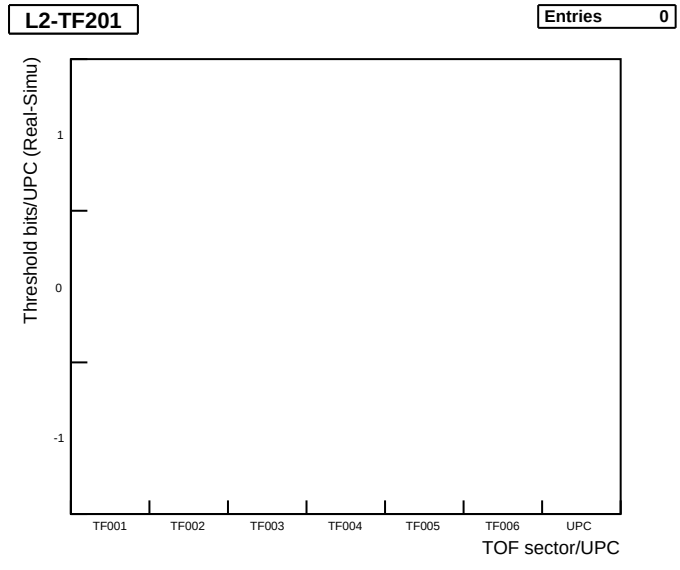

MIX-TF101
Entries 60000
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

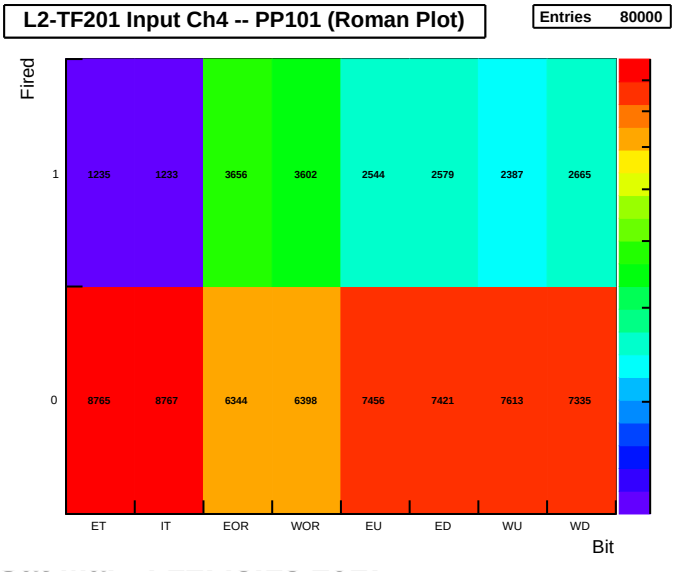

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

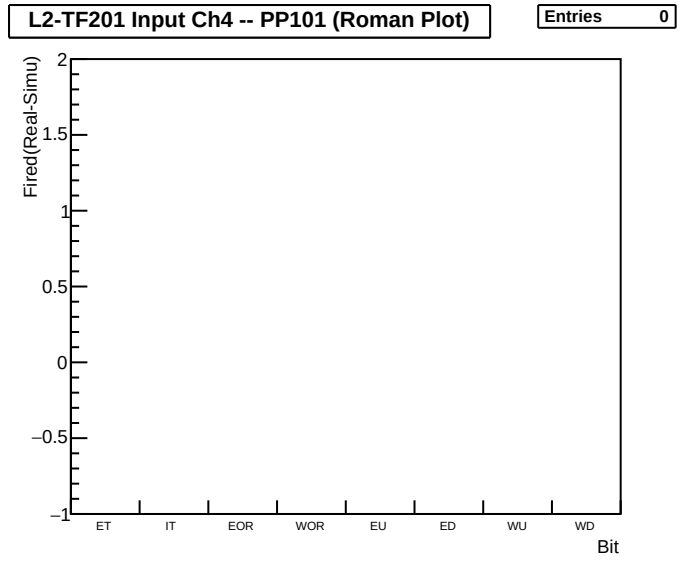

L2-TF201
Entries 10000
TOF total mult

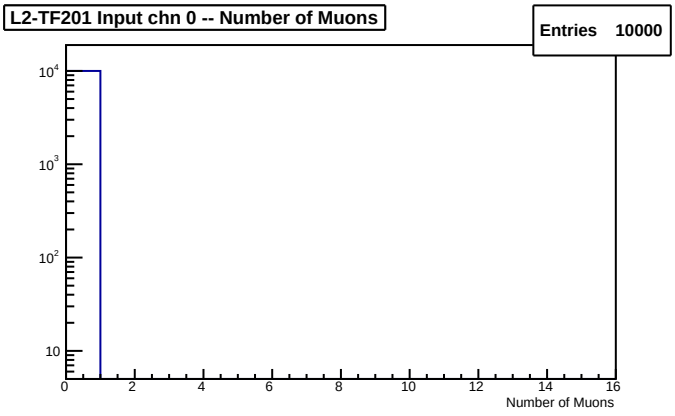

L2-TF201
Entries 0
TOF total mult(Real-Simu)

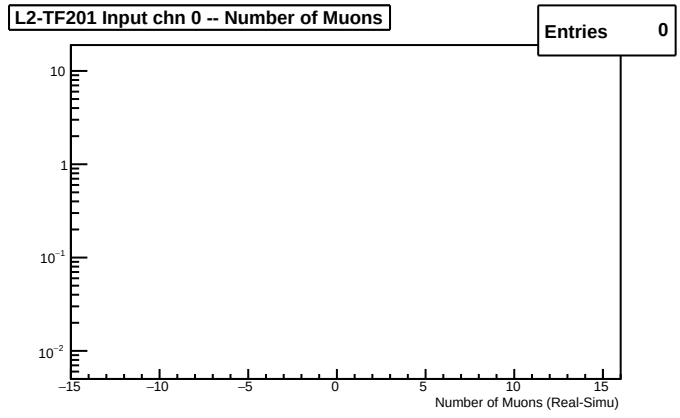

L2-TF201
Entries 70000
Threshold/UPC bits
6628 6927 6183 6517 6620 6460 7607
3372 3073 3817 3483 3380 3540 2393
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

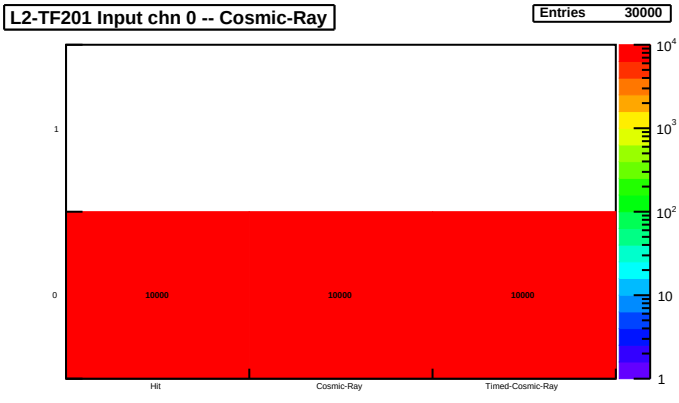

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

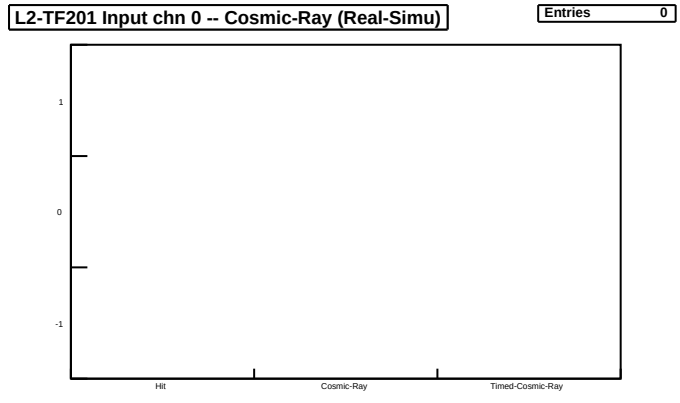

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 80000
Fired
1235 1233 3656 3602 2544 2579 2387 2665
8765 8767 6344 6398 7456 7421 7613 7335
ET IT EOR WOR EU ED WU WD
Bit

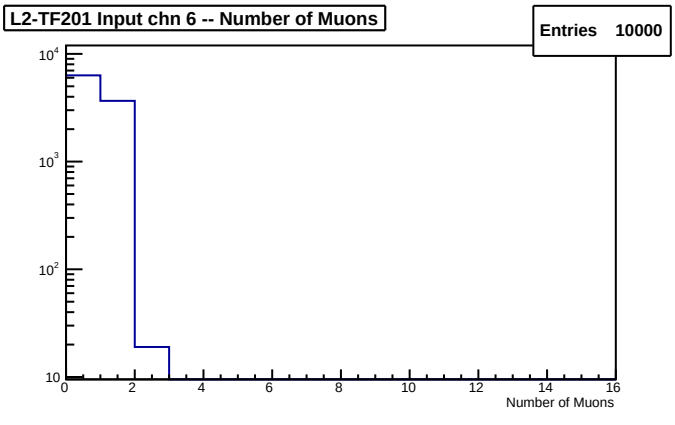

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

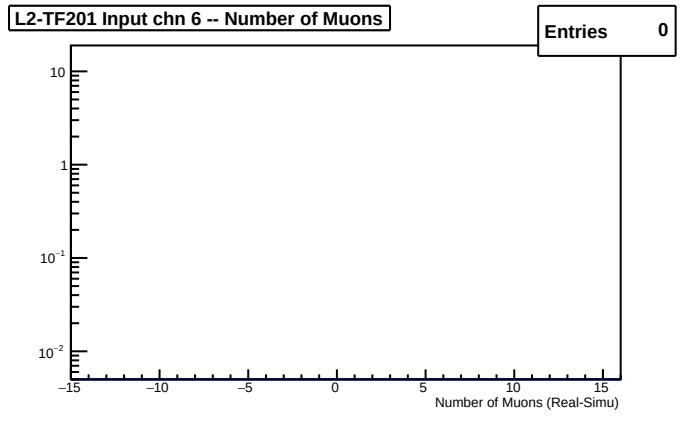

L2-TF201 Input chn 0 -- Number of Muons
Entries 10000
Number of Muons

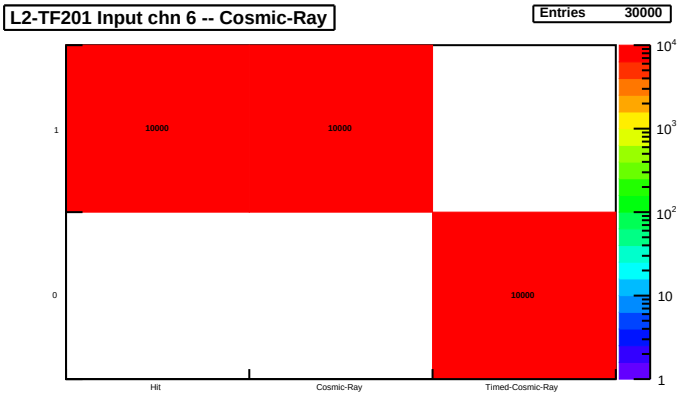

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

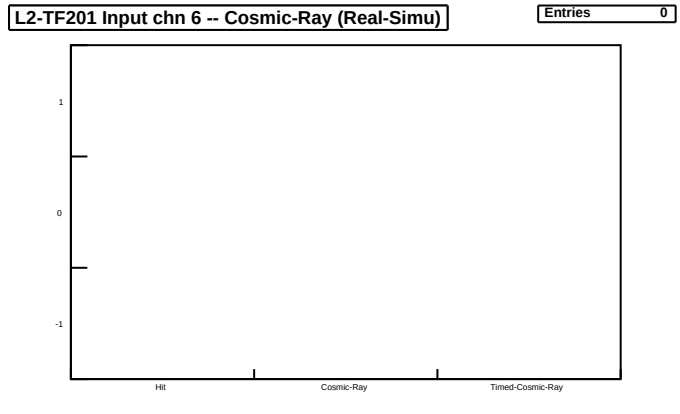

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 30000
10000
10000
10000
Hit
Cosmic-Ray
Timed-Cosmic-Ray

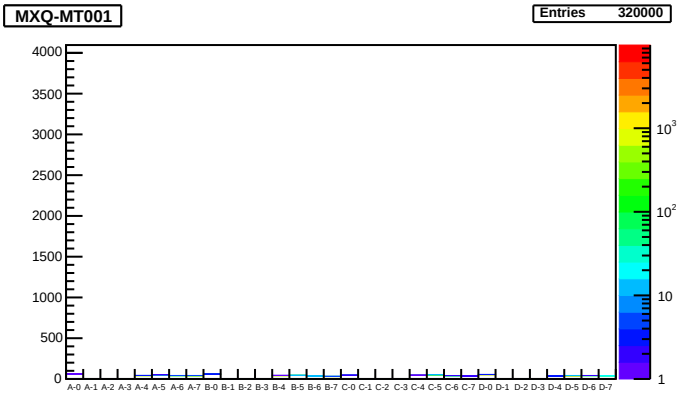

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

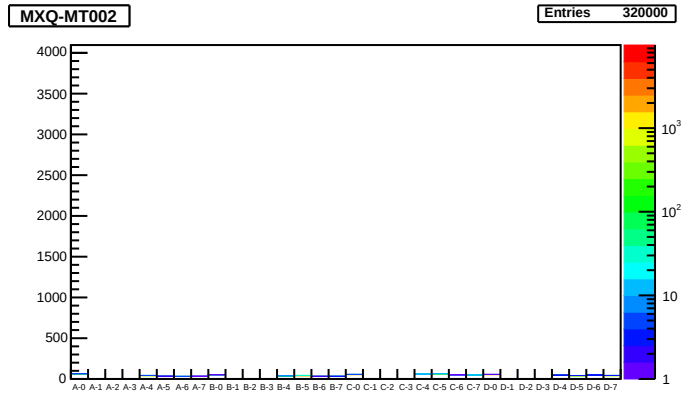

L2-TF201 Input chn 6 -- Number of Muons
Entries 10000
Number of Muons

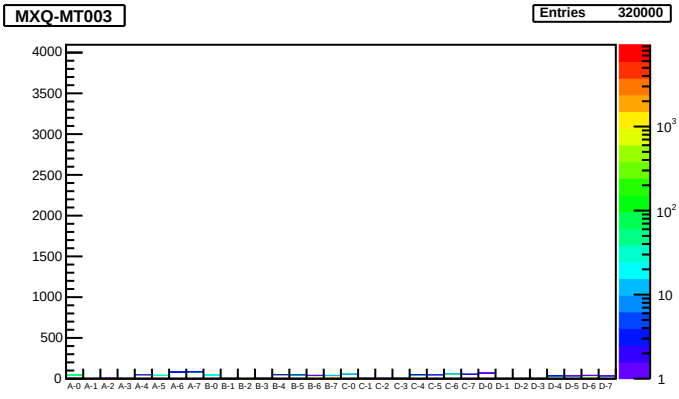

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

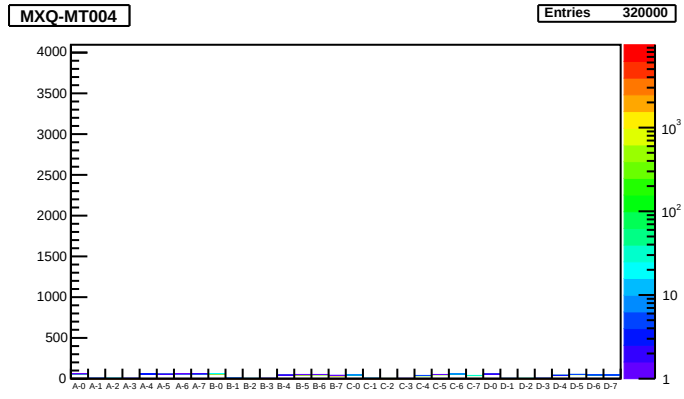

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 30000
10000
10000
10000
Hit
Cosmic-Ray
Timed-Cosmic-Ray

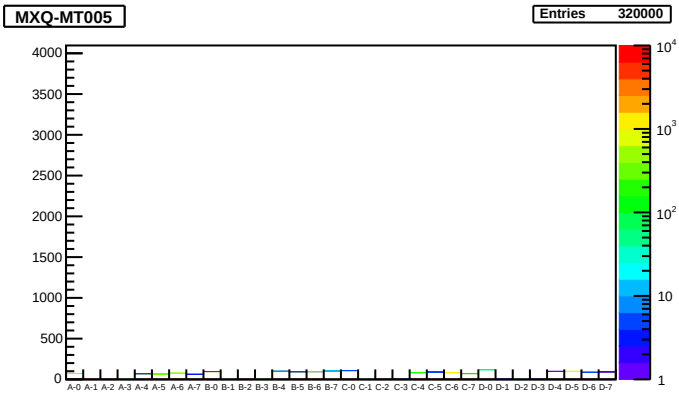

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

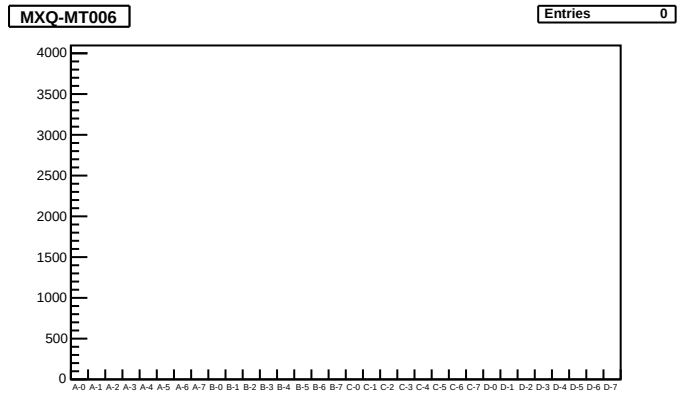

MXQ-MT001
Entries 320000

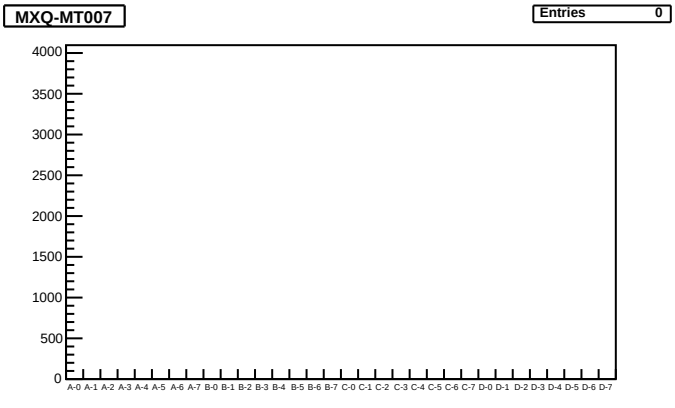

MXQ-MT002
Entries 320000

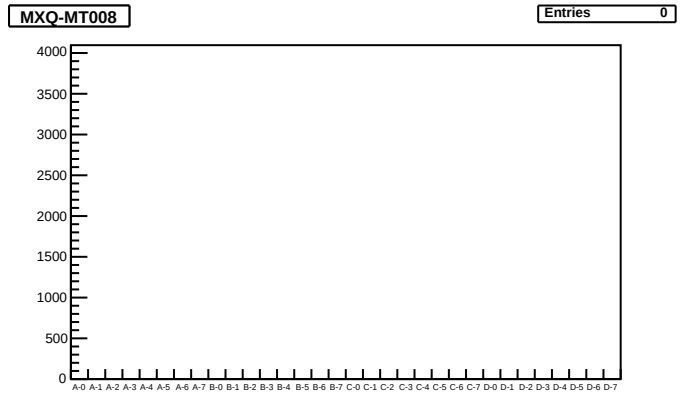

MXQ-MT003
Entries 320000

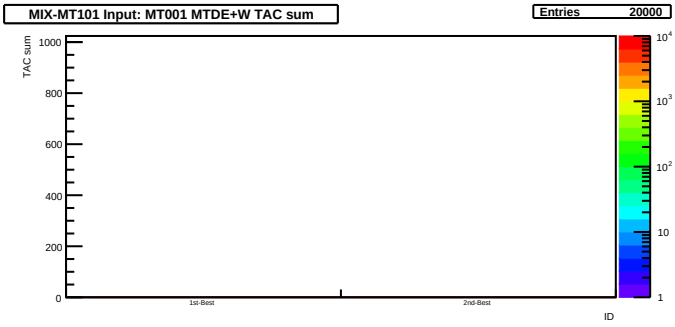

MXQ-MT004
Entries 320000

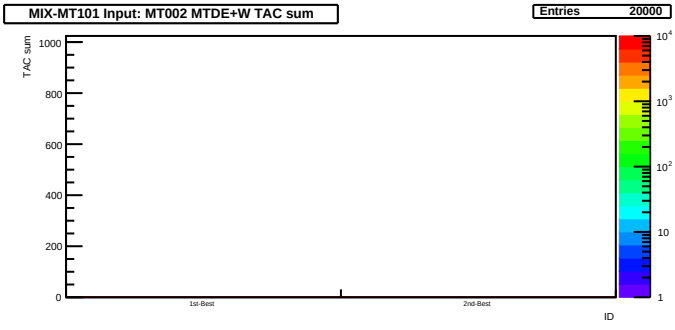

MXQ-MT005
Entries 320000

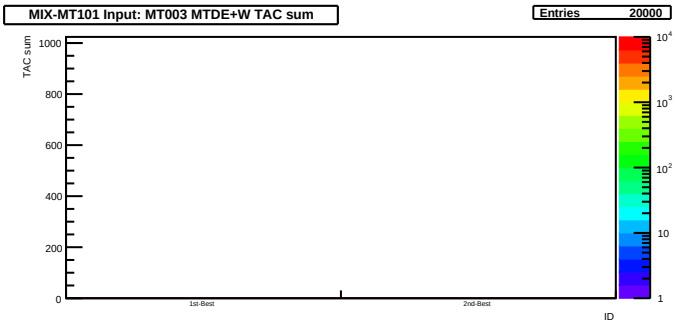

MXQ-MT006
Entries 0

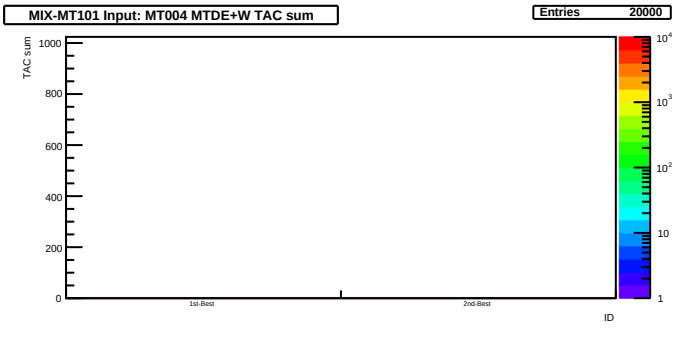

MXQ-MT007
Entries 0

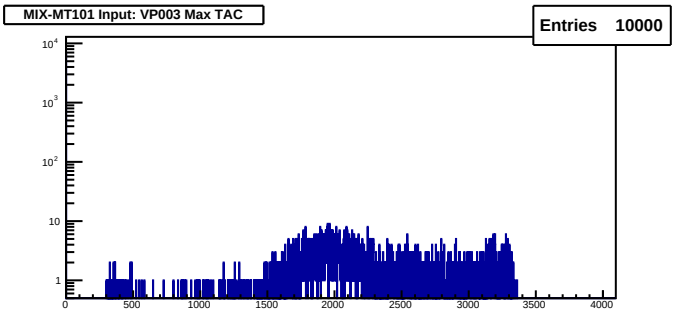

MXQ-MT008
Entries 0

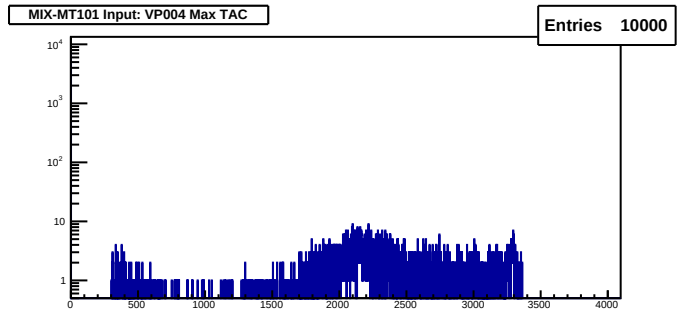

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 20000
TAC sum
1st-Best
2nd-Best
ID

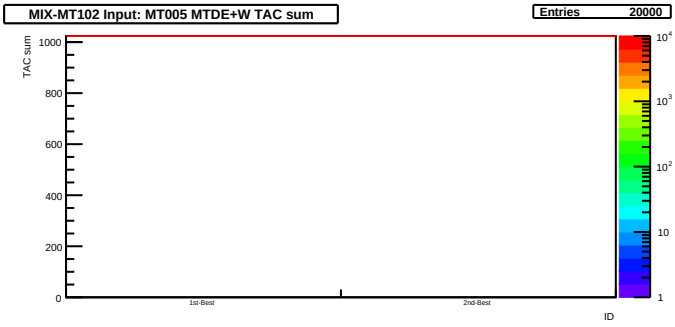

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 20000
TAC sum
1st-Best
2nd-Best
ID

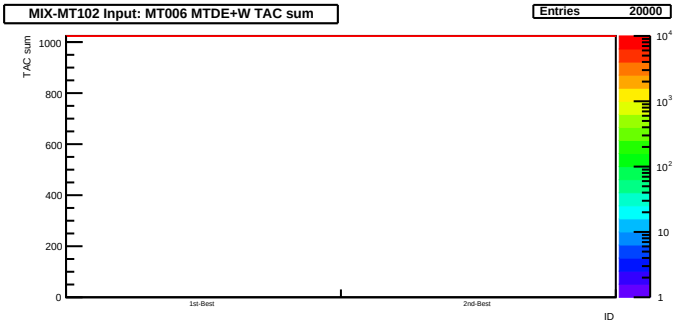

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 20000
TAC sum
1st-Best
2nd-Best
ID

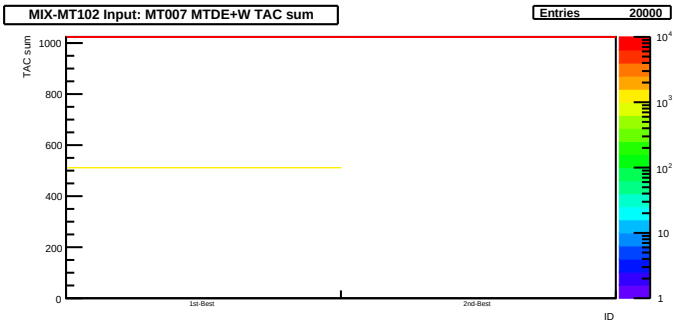

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 20000
TAC sum
1st-Best
2nd-Best
ID

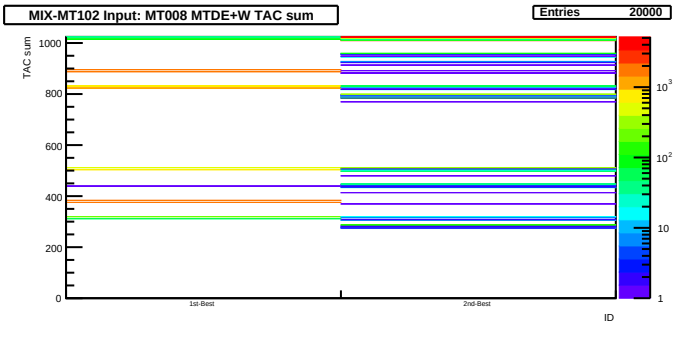

MIX-MT101 Input: VP003 Max TAC
Entries 10000

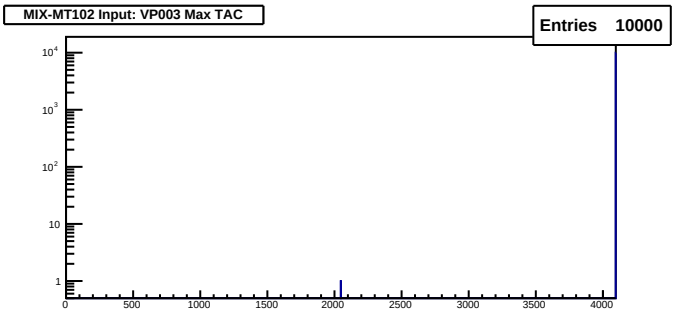

MIX-MT101 Input: VP004 Max TAC
Entries 10000

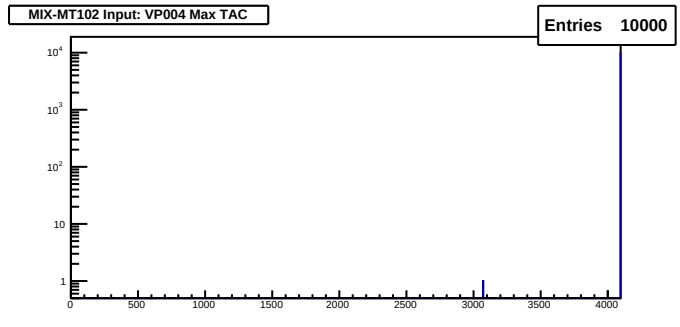

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 20000
TAC sum
1st-Best
2nd-Best
ID

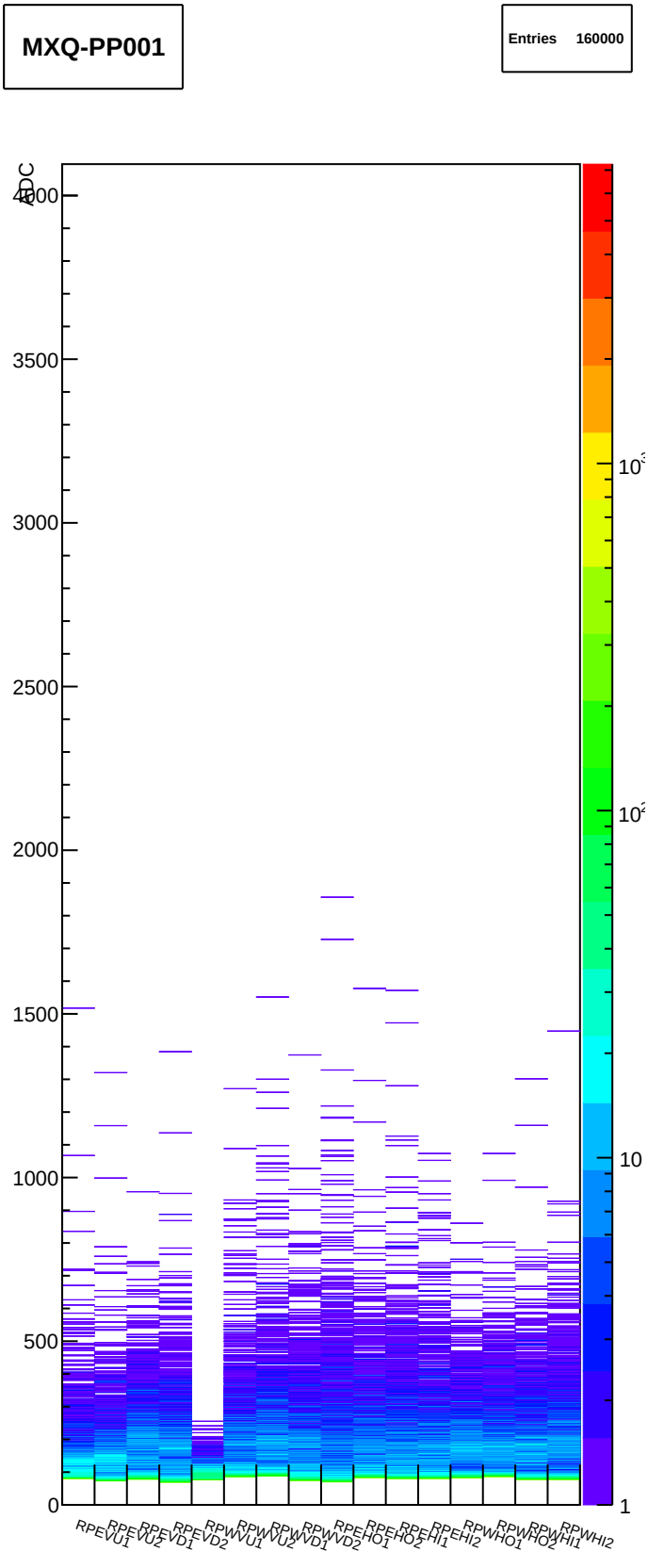

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 20000
TAC sum
1st-Best
2nd-Best
ID

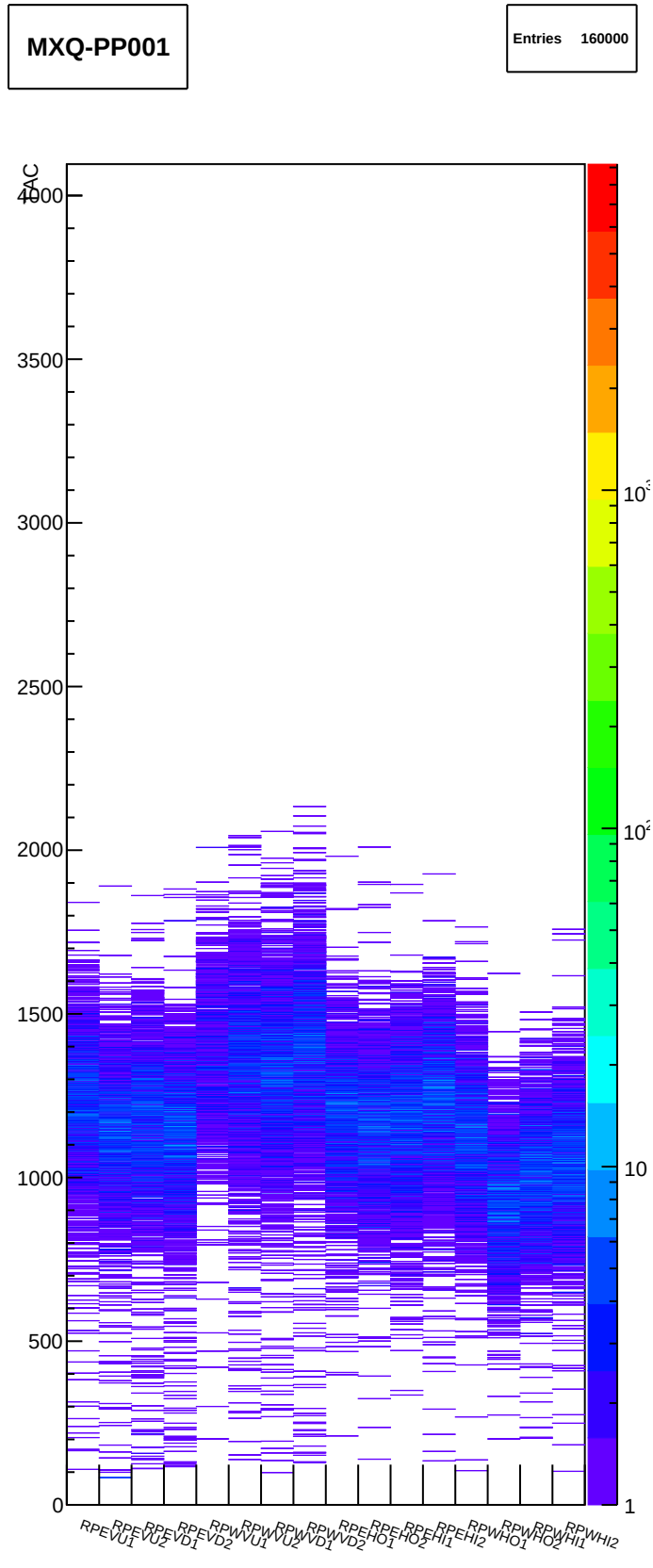

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 20000
TAC sum
1st-Best
2nd-Best
ID

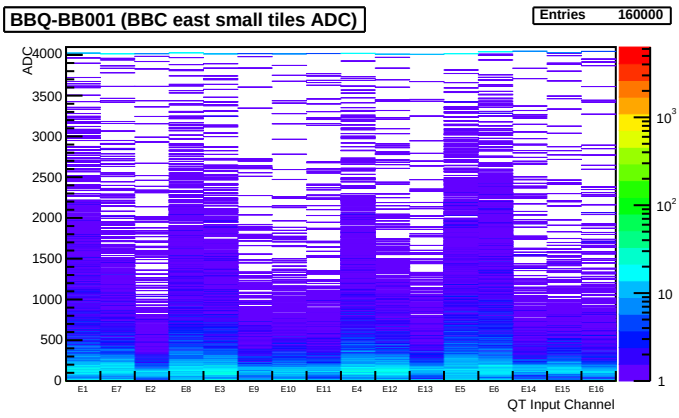

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 20000
TAC sum
1st-Best
2nd-Best
ID

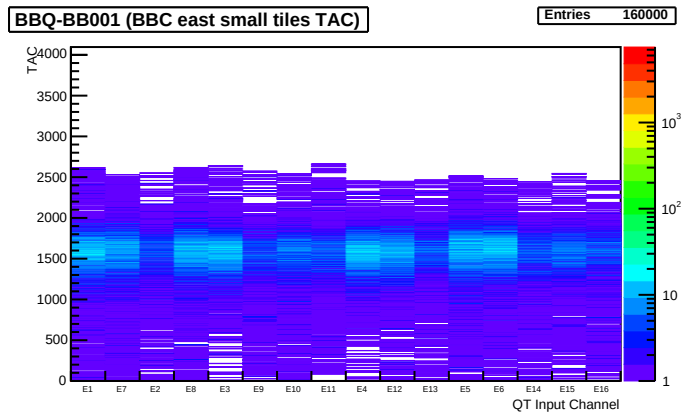

MIX-MT102 Input: VP003 Max TAC
Entries 10000

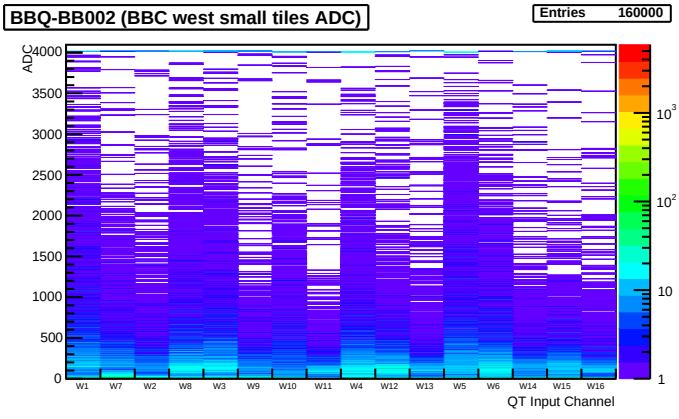

MIX-MT102 Input: VP004 Max TAC
Entries 10000

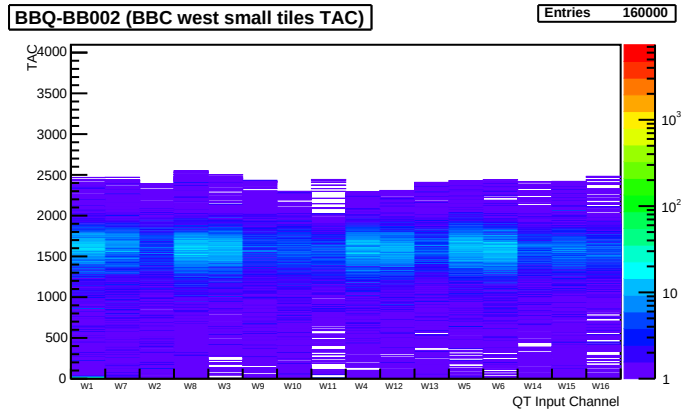

MXQ-PP001
Entries 160000
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

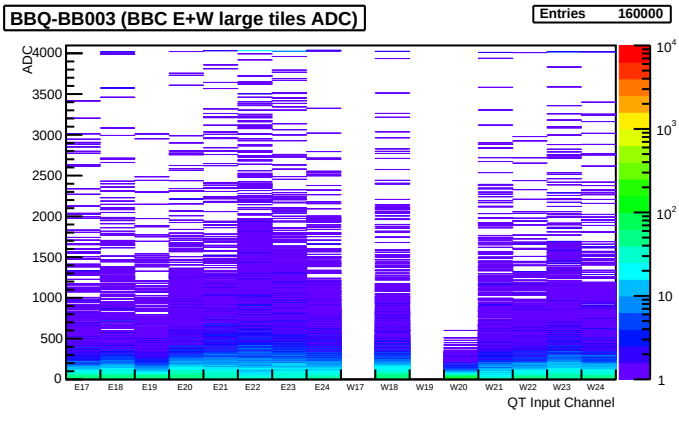

MXQ-PP001
Entries 160000
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

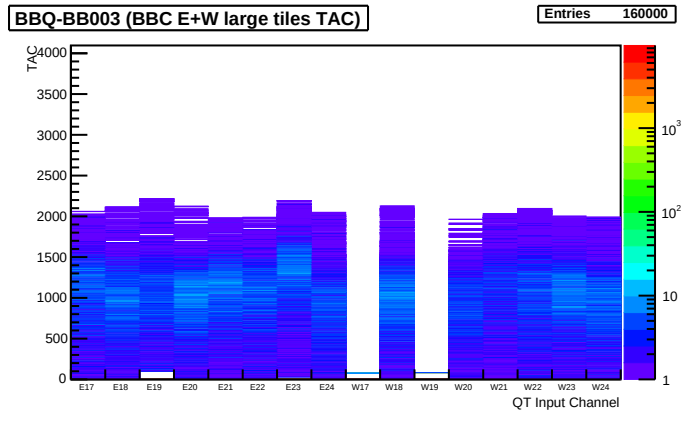

BBQ-BB001 (BBC east small tiles ADC)
Entries 160000
ADC
QT Input Channel

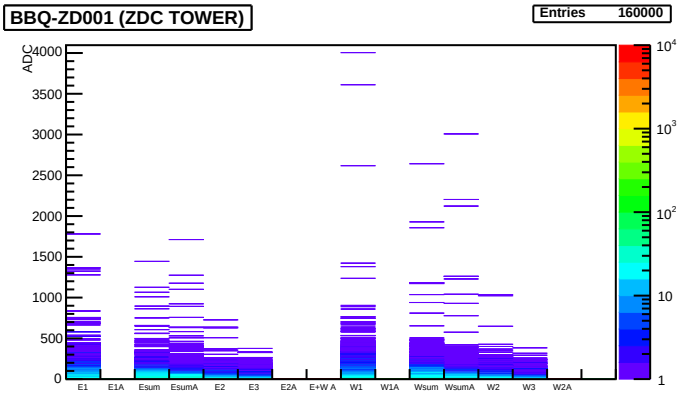

BBQ-BB001 (BBC east small tiles TAC)
Entries 160000
TAC
QT Input Channel

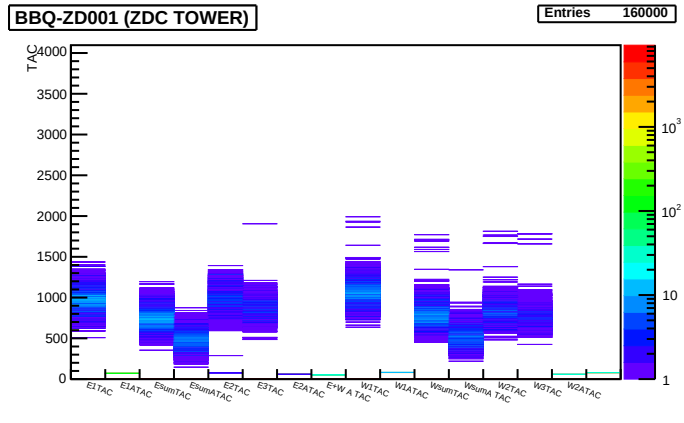

BBQ-BB002 (BBC west small tiles ADC)
Entries 160000
ADC
QT Input Channel

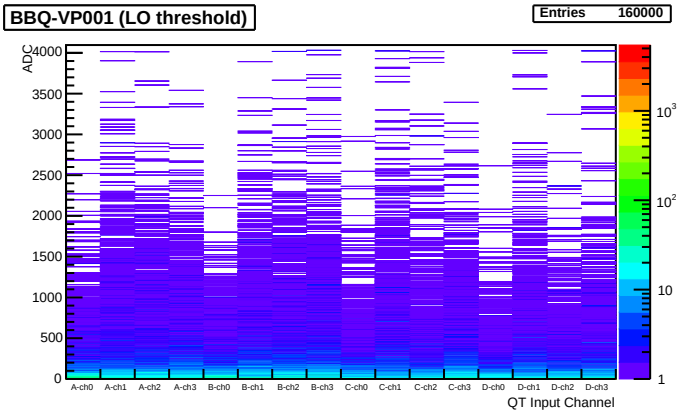

BBQ-BB002 (BBC west small tiles TAC)
Entries 160000
TAC
QT Input Channel

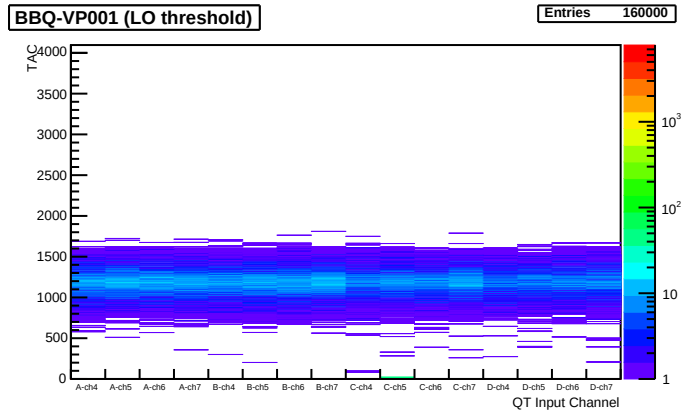

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 160000
ADC
QT Input Channel

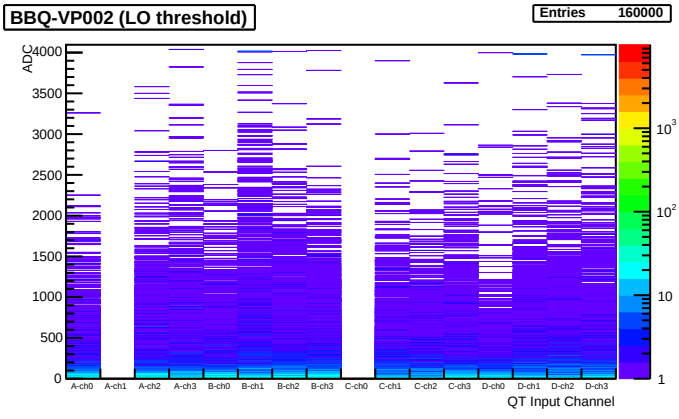

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 160000
TAC
QT Input Channel

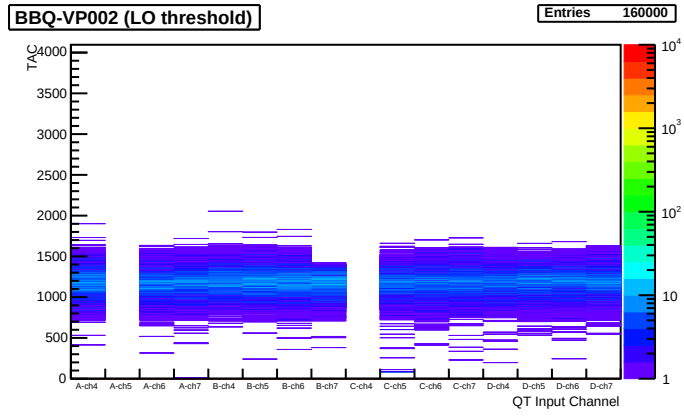

BBQ-ZD001 (ZDC TOWER)
Entries 160000
ADC

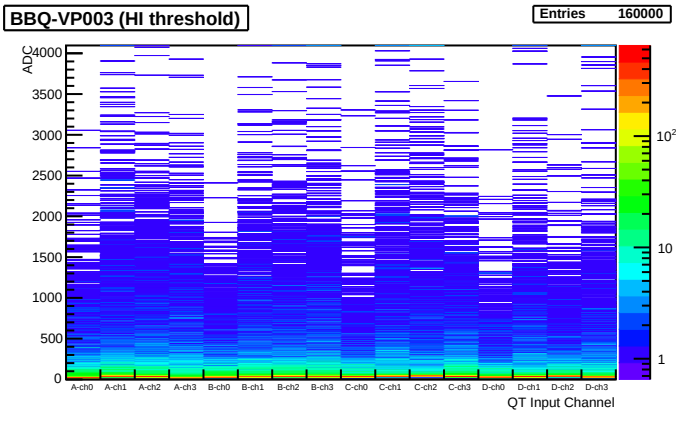

BBQ-ZD001 (ZDC TOWER)
Entries 160000
TAC

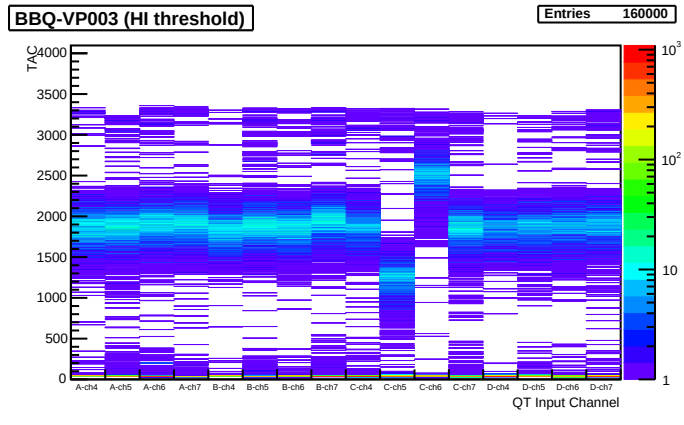

BBQ-VP001 (LO threshold)
Entries 160000
ADC
QT Input Channel

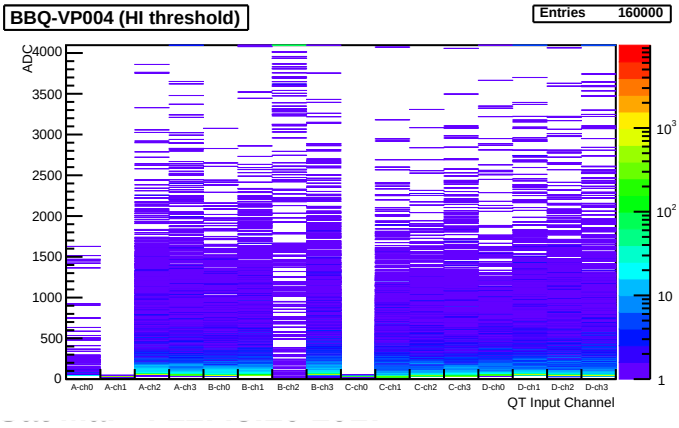

BBQ-VP001 (LO threshold)
Entries 160000
TAC
QT Input Channel

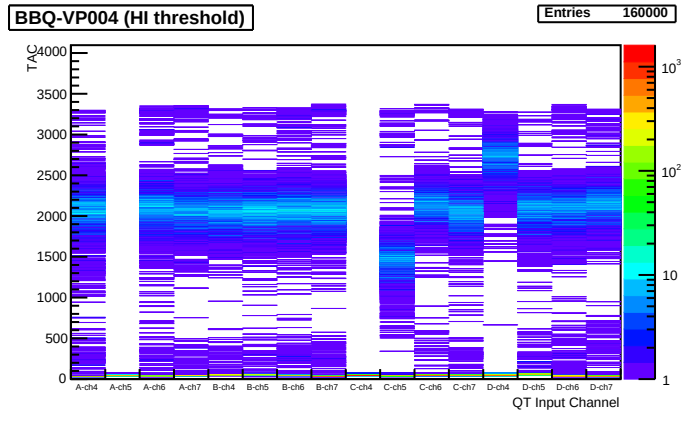

BBQ-VP002 (LO threshold)
Entries 160000
ADC
QT Input Channel

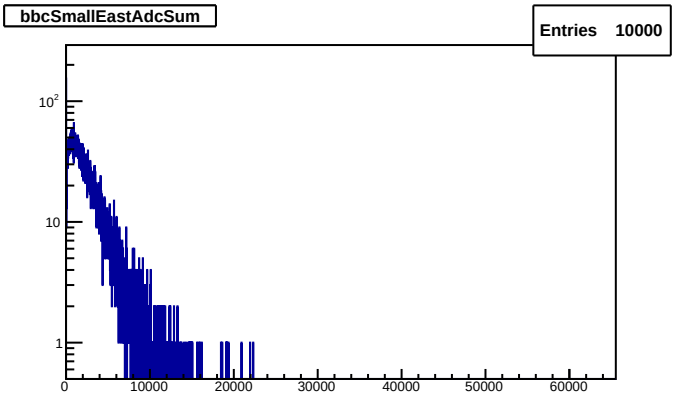

BBQ-VP002 (LO threshold)
Entries 160000
TAC
QT Input Channel

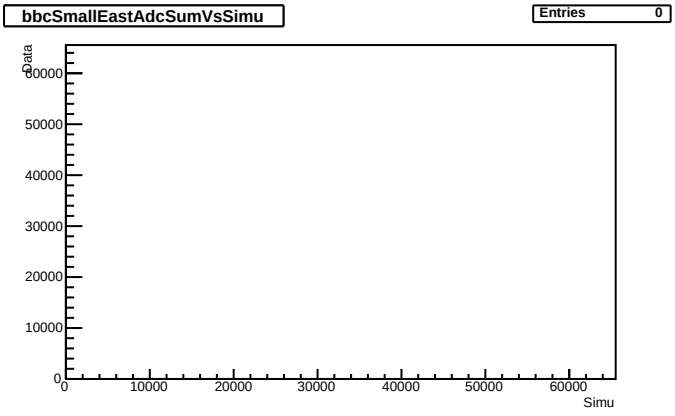

BBQ-VP003 (HI threshold)
Entries 160000
ADC
QT Input Channel

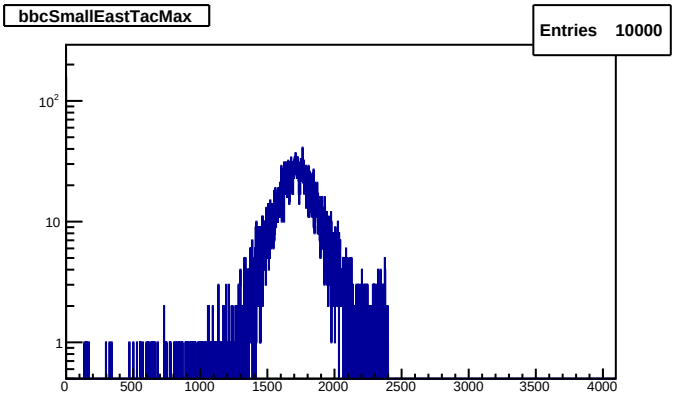

BBQ-VP003 (HI threshold)
Entries 160000
TAC
QT Input Channel

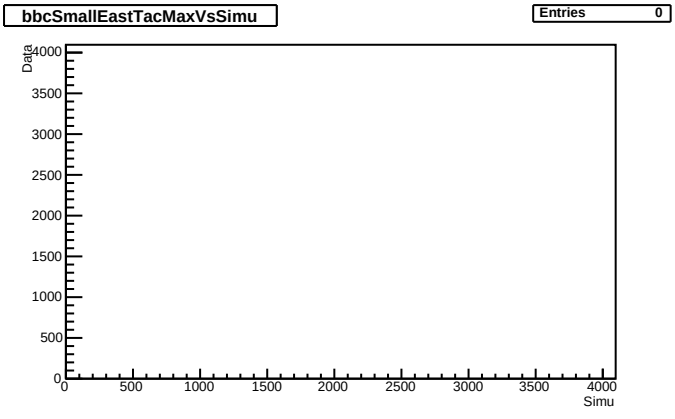

BBQ-VP004 (HI threshold)
Entries 160000
ADC
QT Input Channel

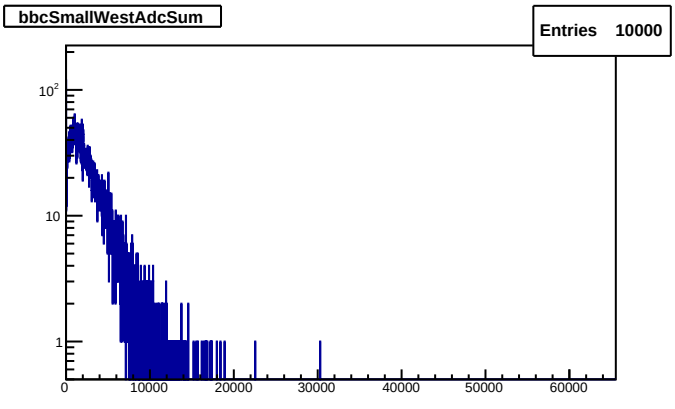

BBQ-VP004 (HI threshold)
Entries 160000
TAC
QT Input Channel

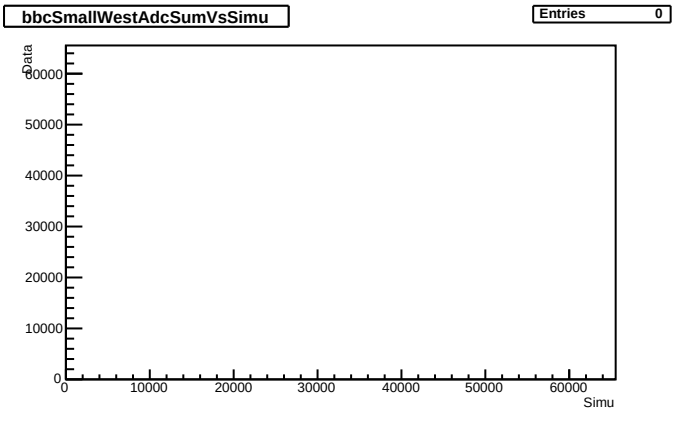

bbcSmallEastAdcSum
Entries 10000
10^2
10
1
0
10000
20000
30000
40000
50000
60000

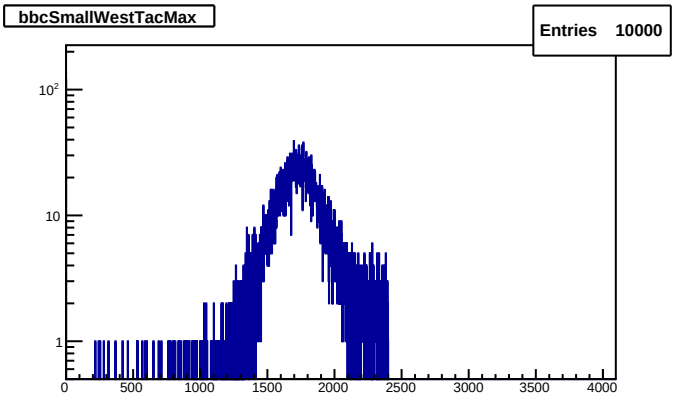

bbcSmallEastAdcSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0
10000
20000
30000
40000
50000
60000
Simu

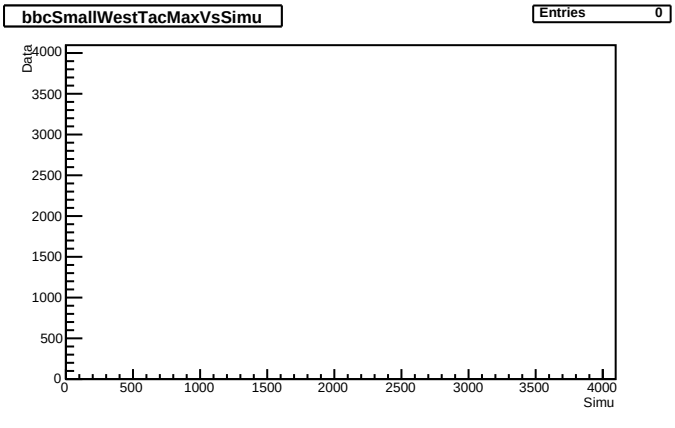

bbcSmallEastTacMax
Entries 10000
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

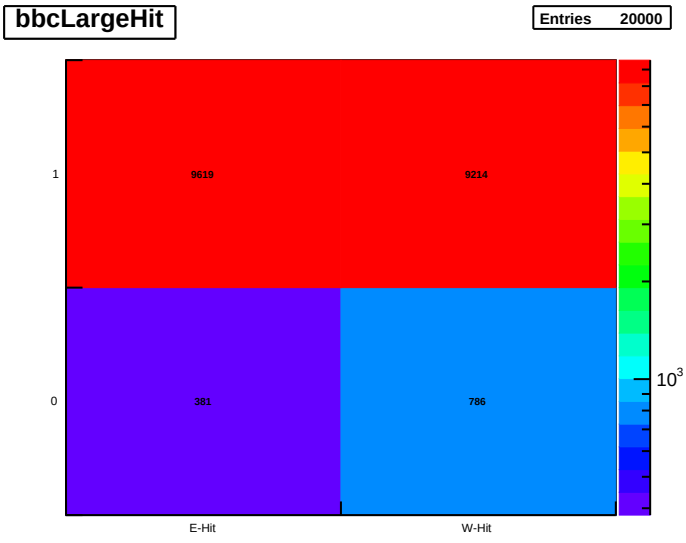

bbcSmallEastTacMaxVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0
500
1000
1500
2000
2500
3000
3500
4000
Simu

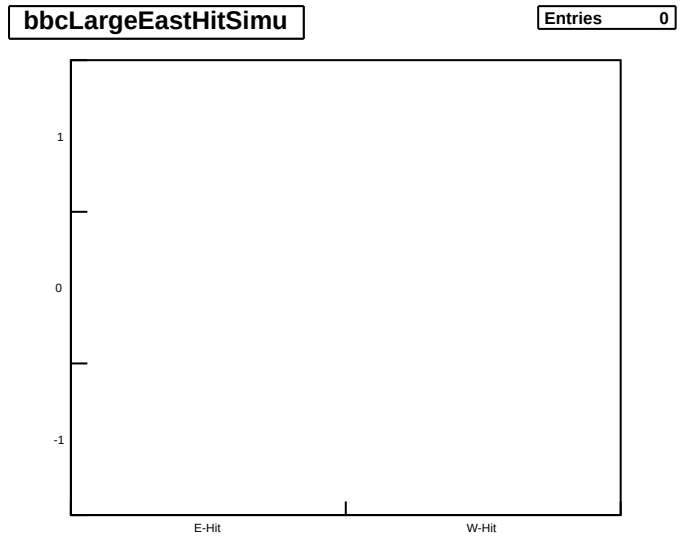

bbcSmallWestAdcSum
Entries 10000
10^2
10
1
0
10000
20000
30000
40000
50000
60000

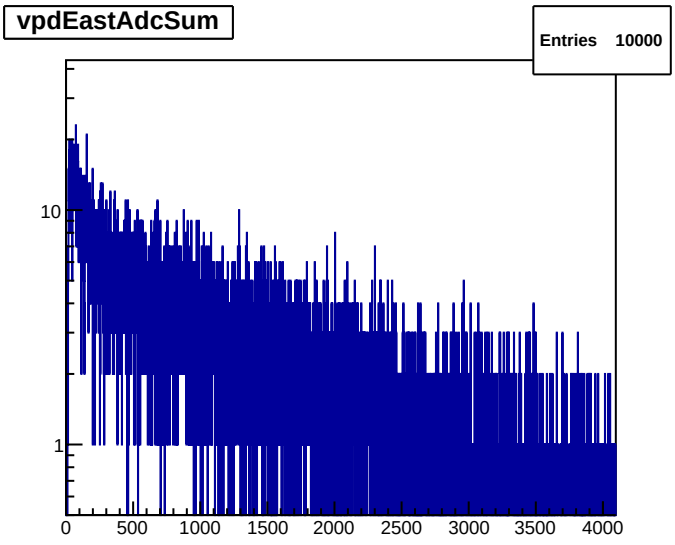

bbcSmallWestAdcSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0
10000
20000
30000
40000
50000
60000
Simu

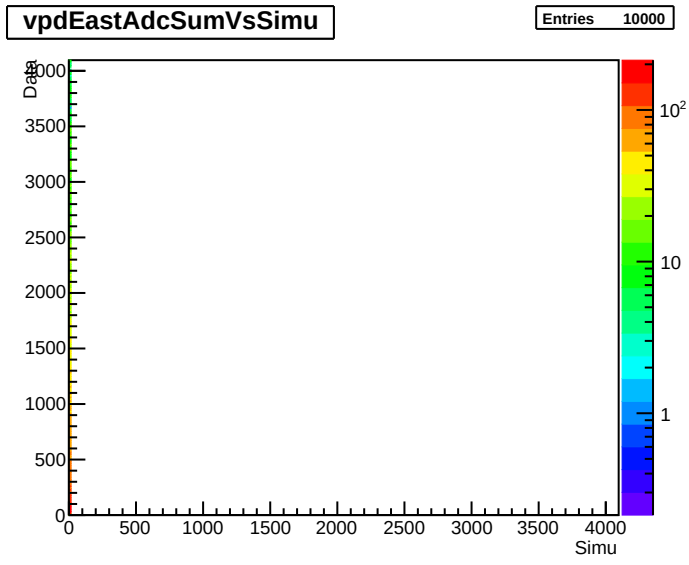

bbcSmallWestTacMax
Entries 10000
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

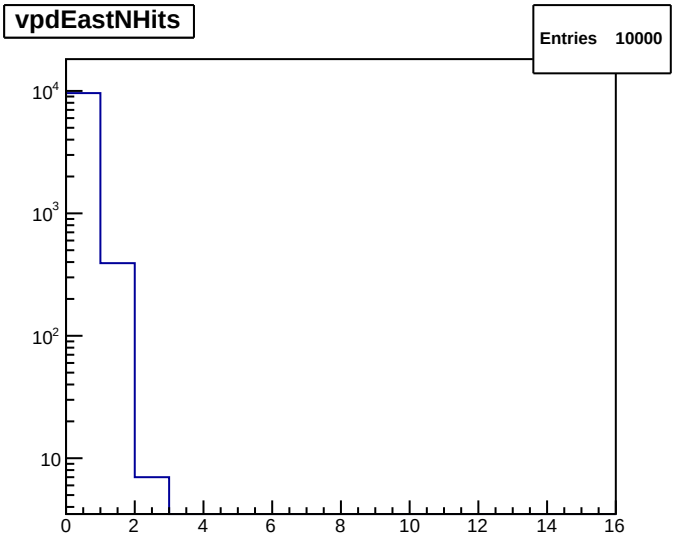

bbcSmallWestTacMaxVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0
500
1000
1500
2000
2500
3000
3500
4000
Simu

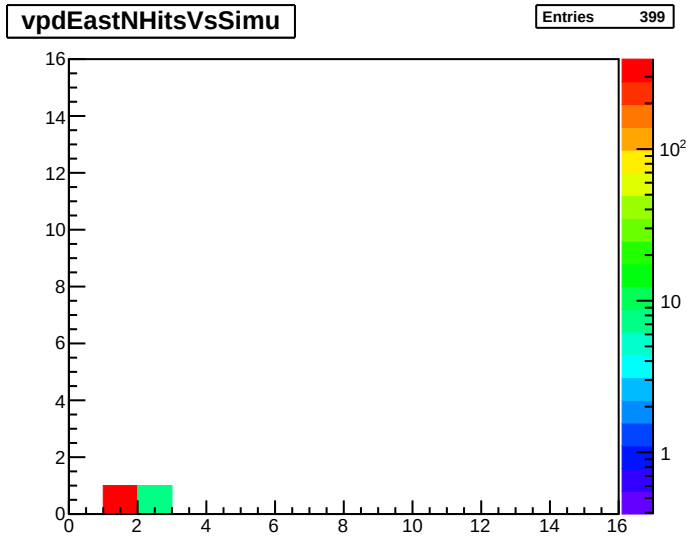

bbcLargeHit
Entries 20000
1
0
9619
9214
381
786
E-Hit
W-Hit
10^3

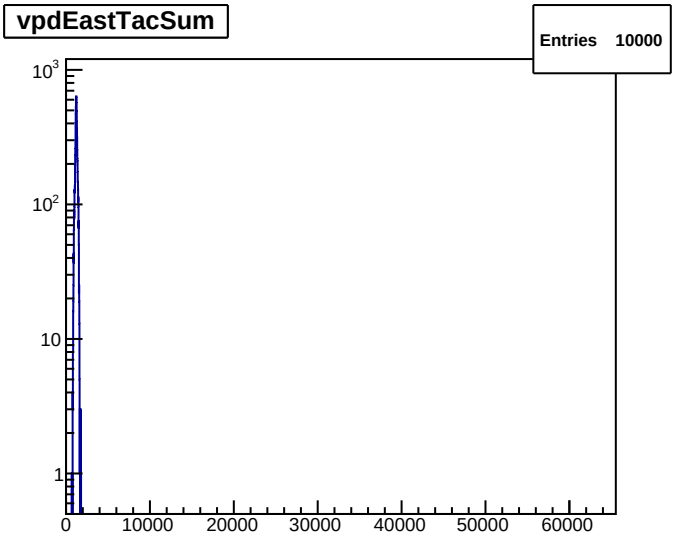

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

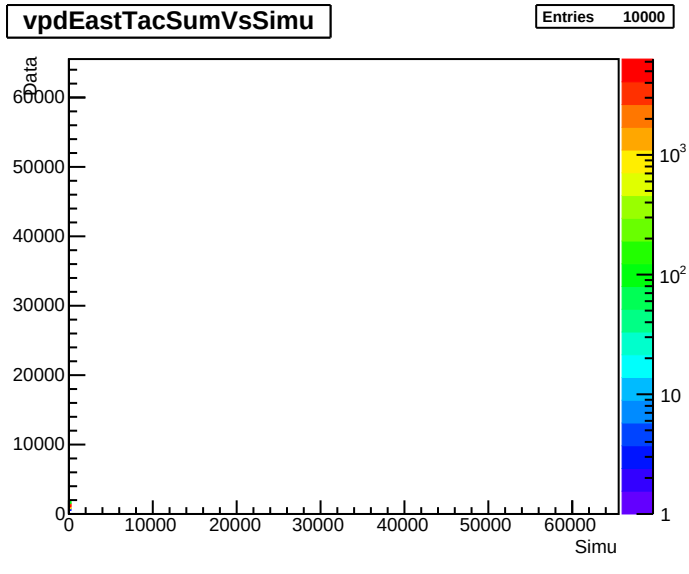

vpdEastAdcSum
Entries 10000

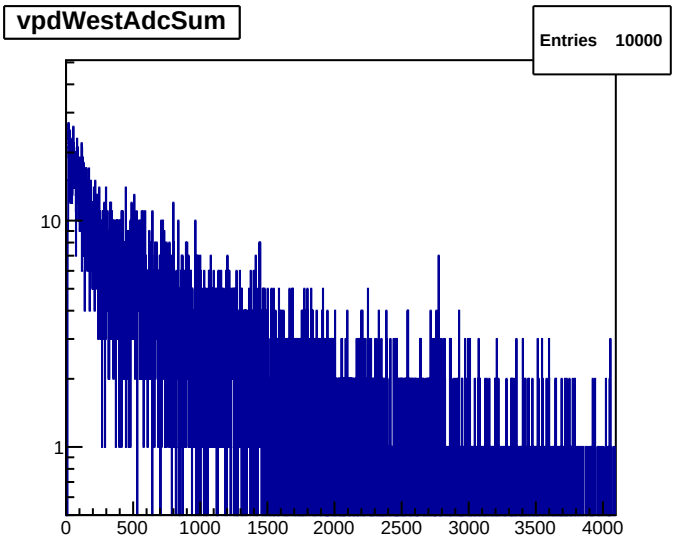

vpdEastAdcSumVsSimu
Entries 10000
Data
Simu

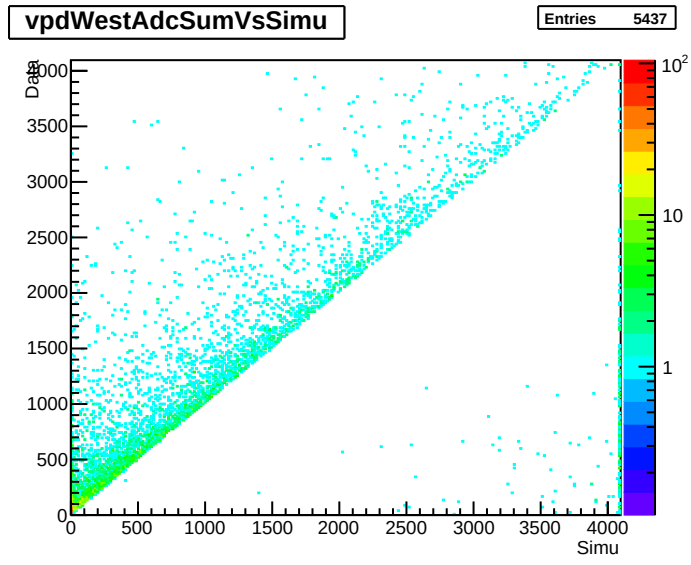

vpdEastNHits
Entries 10000

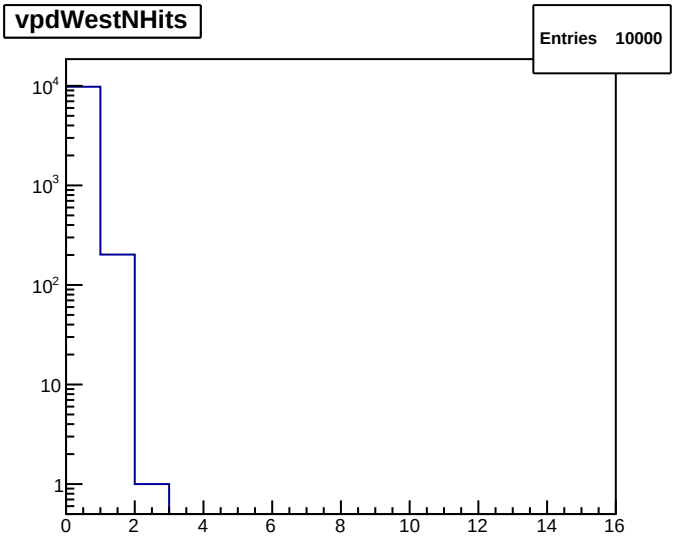

vpdEastNHitsVsSimu
Entries 399

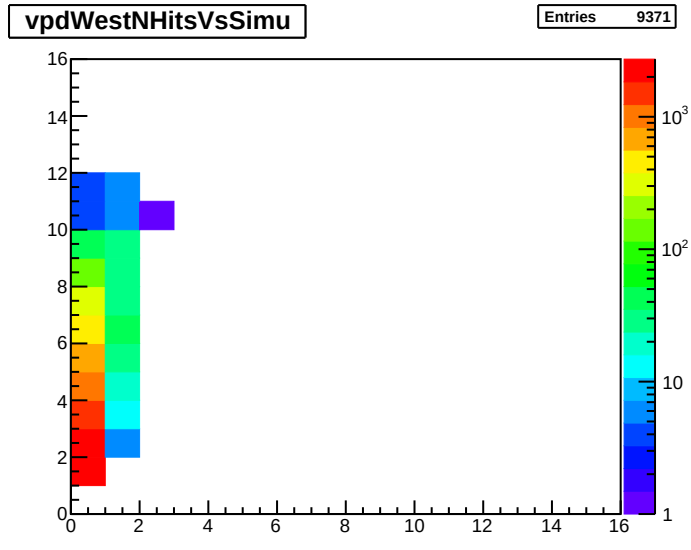

vpdEastTacSum
Entries 10000

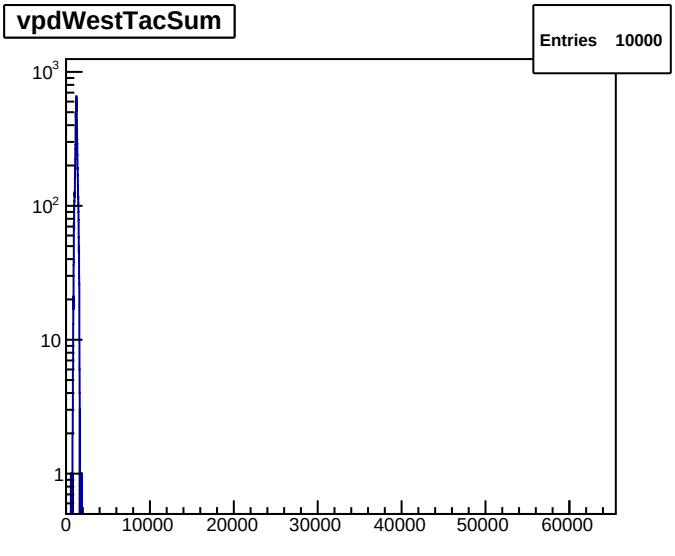

vpdEastTacSumVsSimu
Entries 10000
Data
Simu

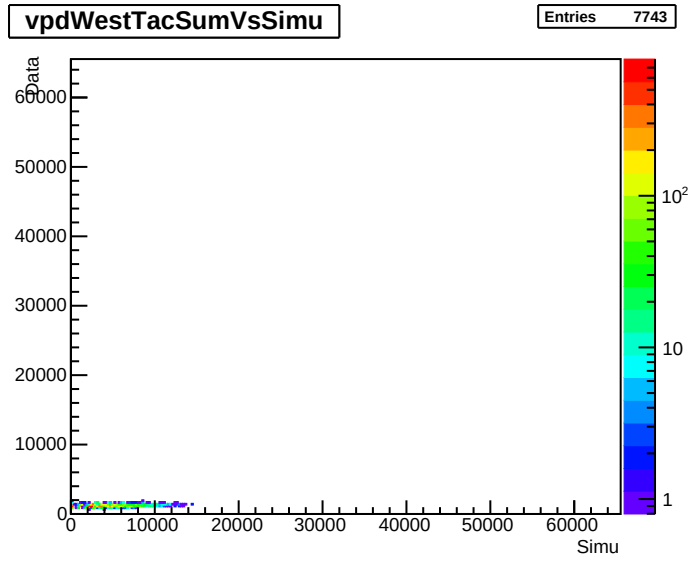

vpdWestAdcSum
Entries 10000

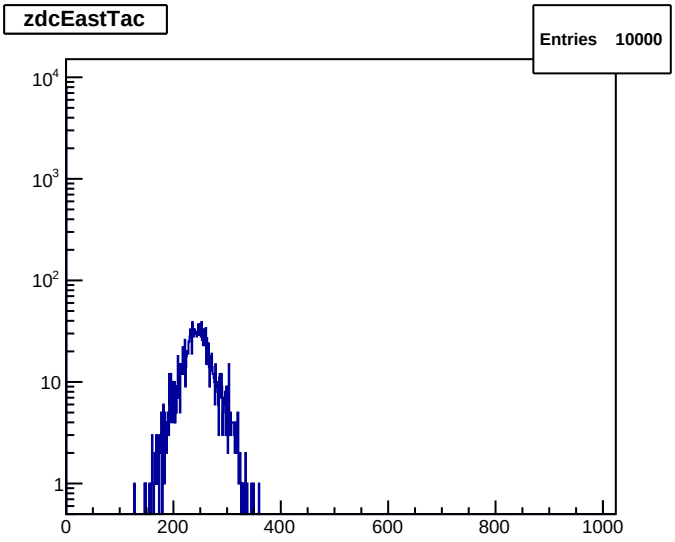

vpdWestAdcSumVsSimu
Entries 5437
Data
Simu

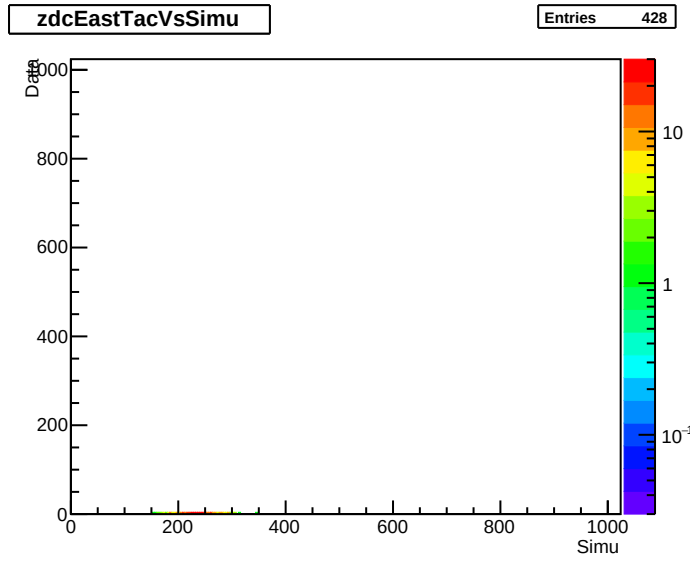

vpdWestNHits
Entries 10000

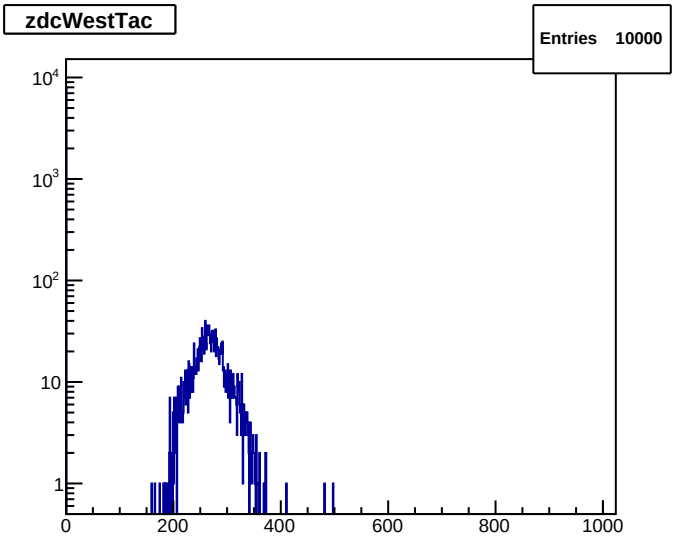

vpdWestNHitsVsSimu
Entries 9371

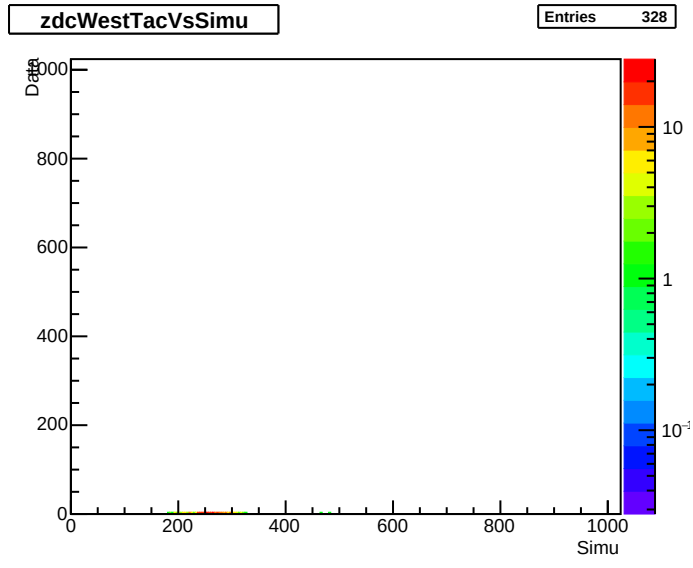

vpdWestTacSum
Entries 10000

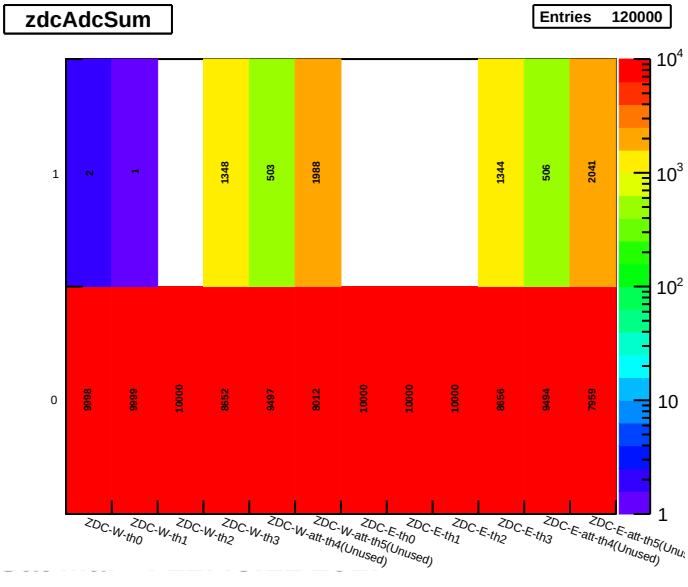

vpdWestTacSumVsSimu
Entries 7743
Data
Simu

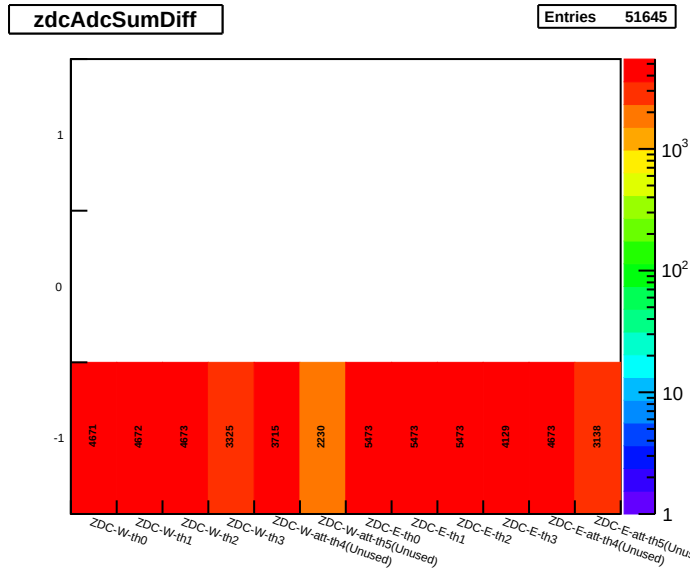

zdcEastTac
Entries 10000

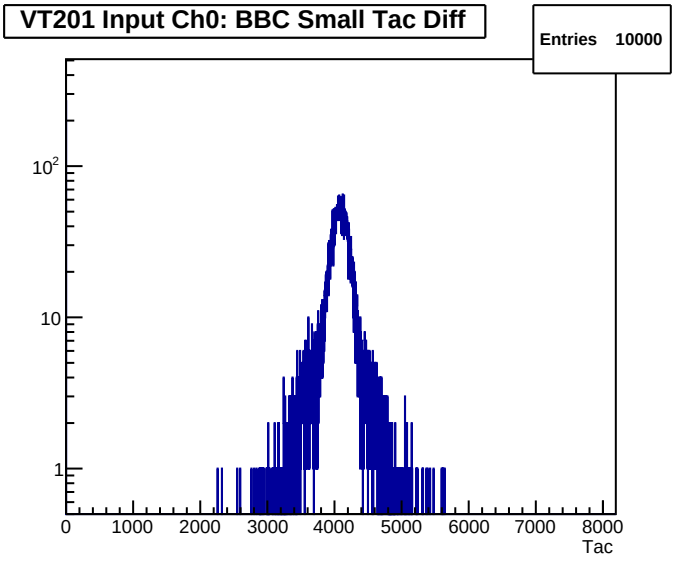

zdcEastTacVsSimu
Entries 428
Data
Simu

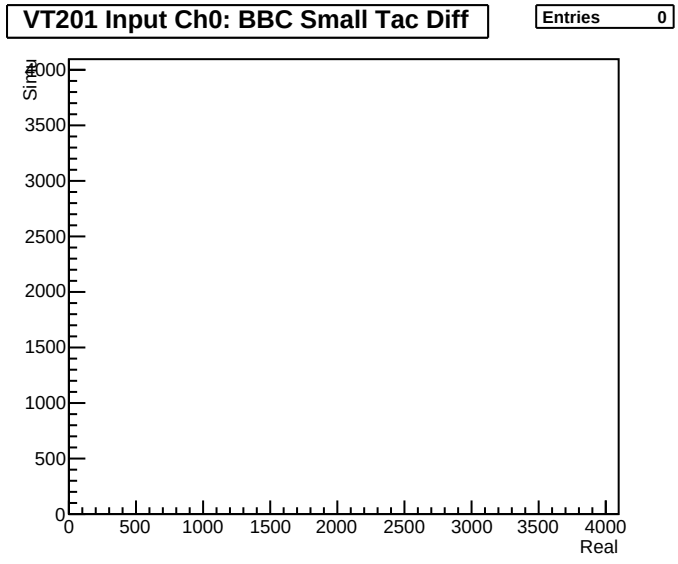

zdcWestTac
Entries 10000

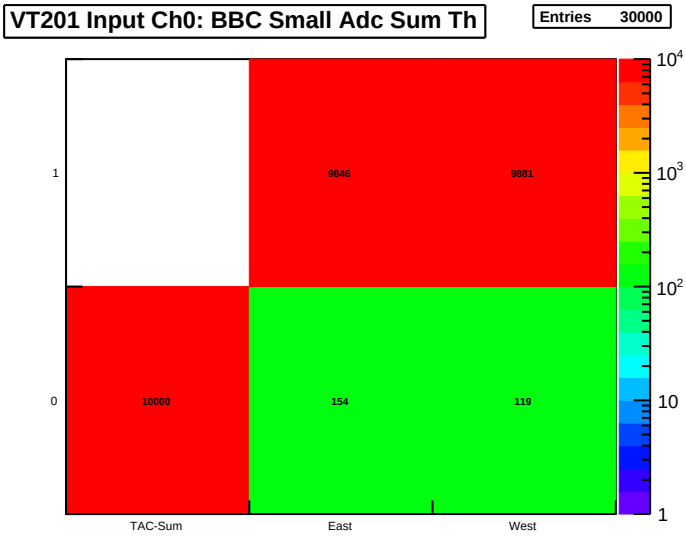

zdcWestTacVsSimu
Entries 328
Data
Simu

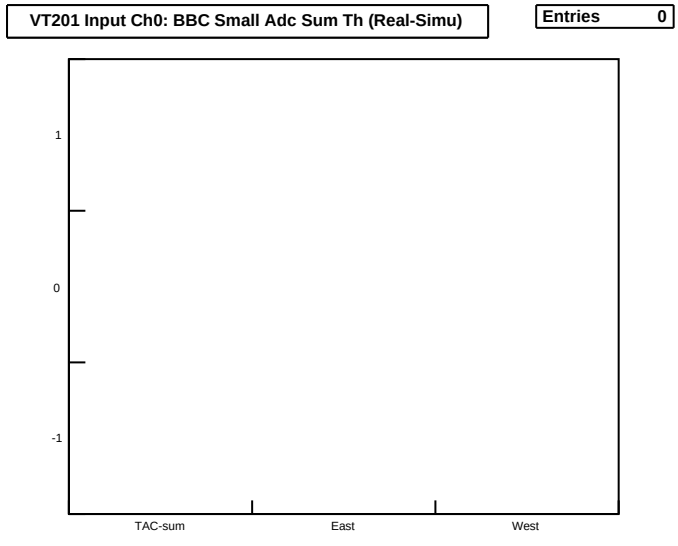

zdcAdcSum
Entries 120000
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

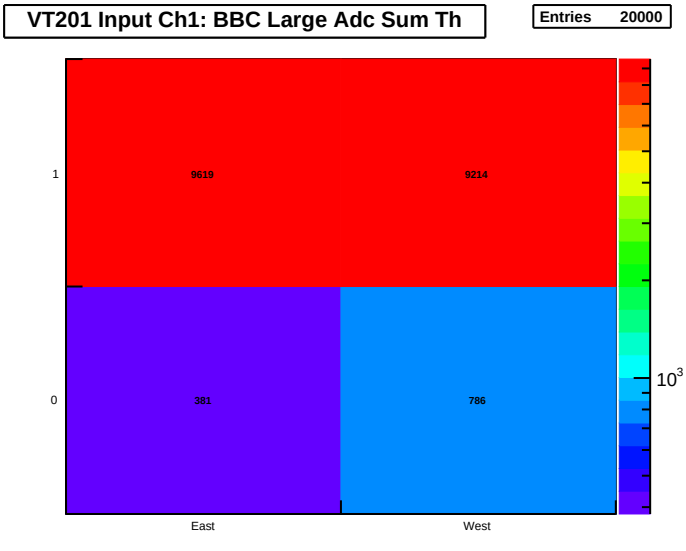

zdcAdcSumDiff
Entries 51645
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

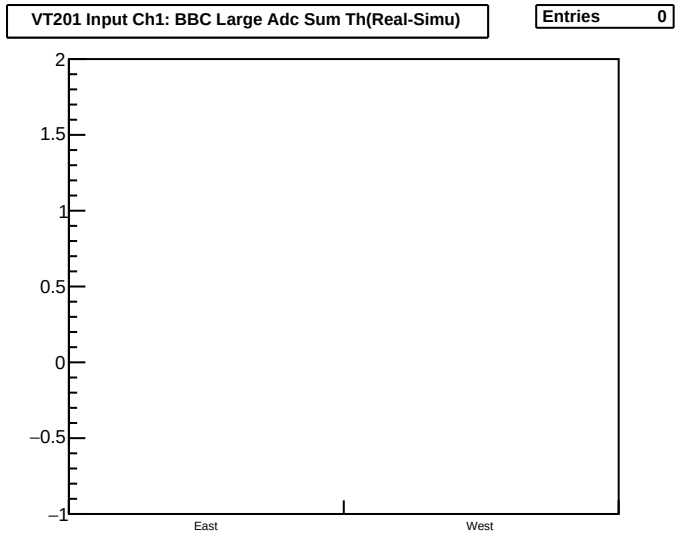

VT201 Input Ch0: BBC Small Tac Diff
Entries 10000
Tac


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

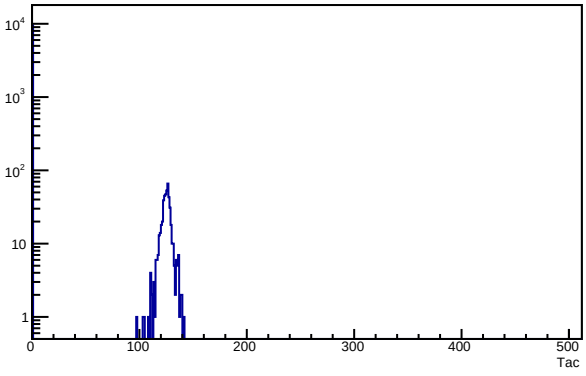

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 30000
9846
9881
10000
154
119
TAC-Sum
East
West


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

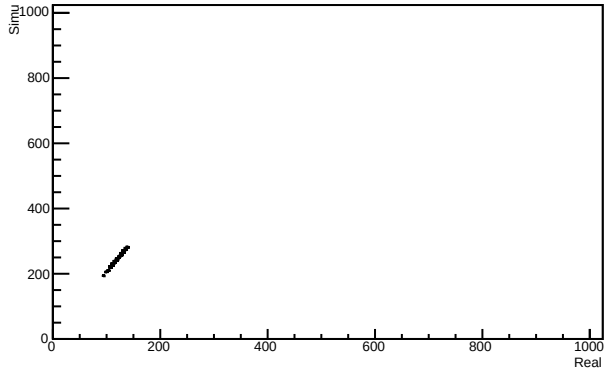

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 20000
9619
9214
381
786
East
West


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

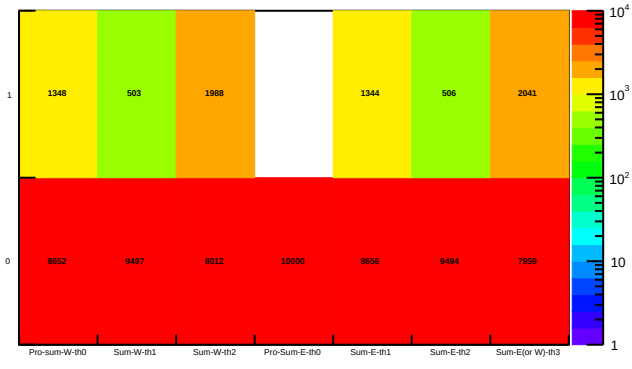
VT201 Input Ch2: ZDC Tac Diff



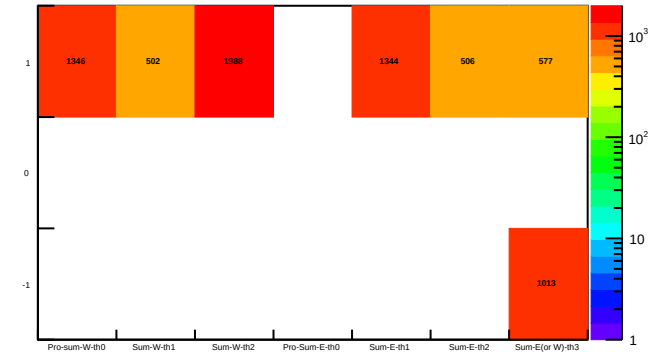
VT201 Input Ch2: ZDC Tac Diff



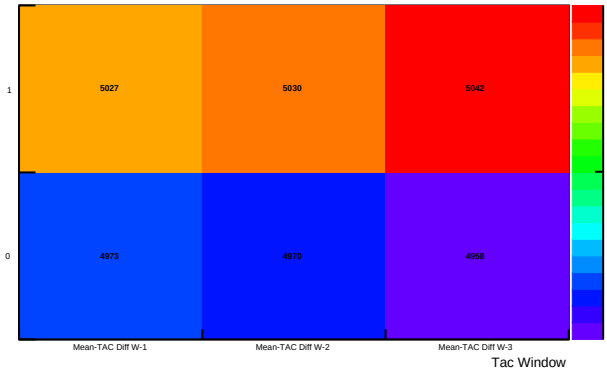
VT201 Input Ch2: ZDC Adc Sum Th



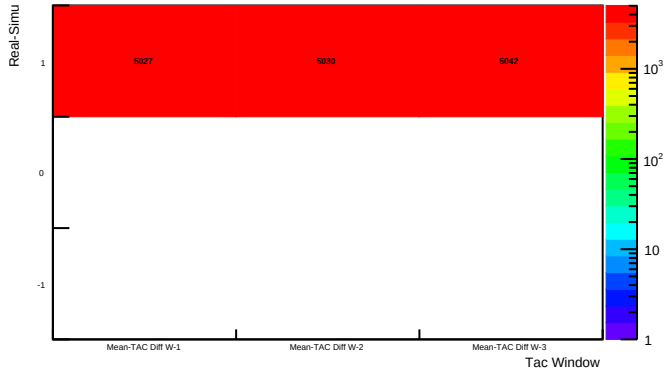
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



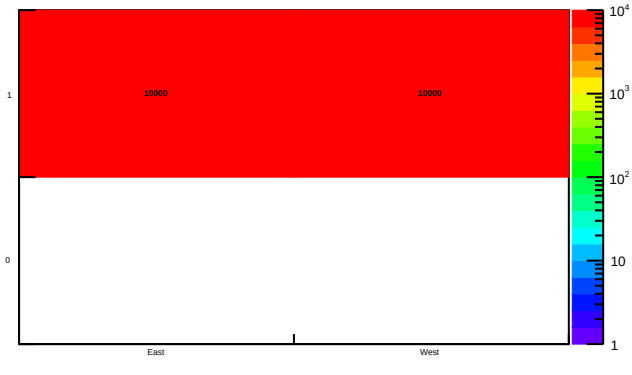
VT201 Input Ch4: VPD Tac Diff



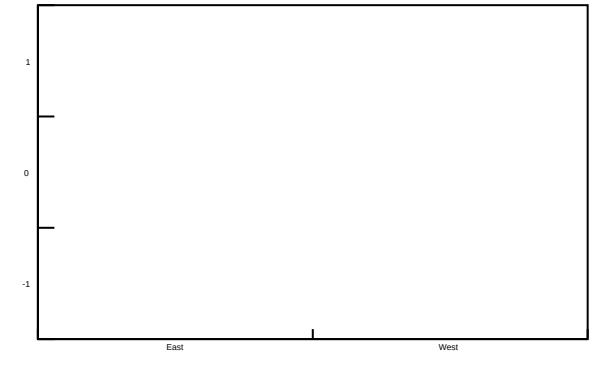
VT201 Input Ch4: VPD Tac Diff

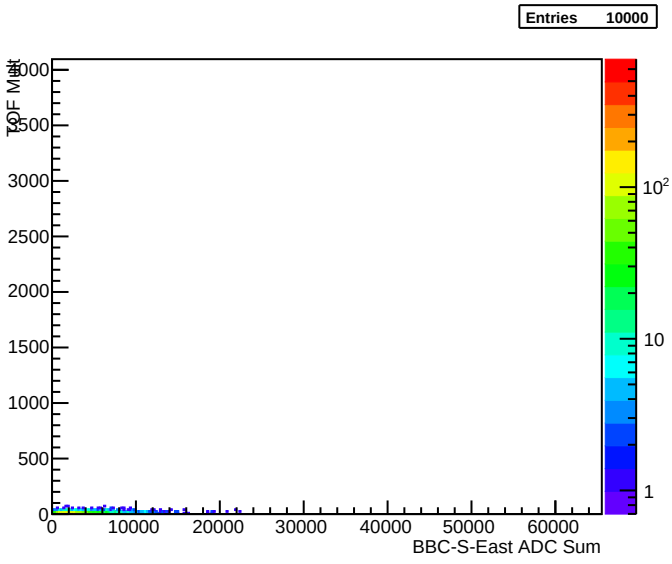


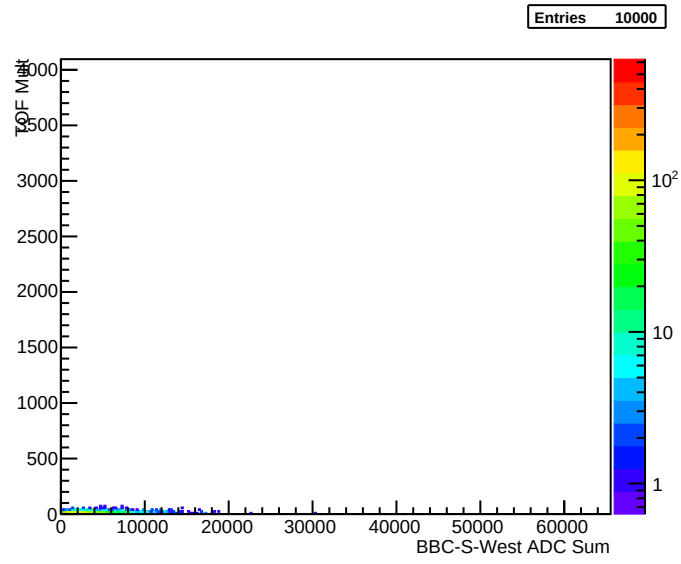
VT201 Input Ch4: VPD Adc Sum Th

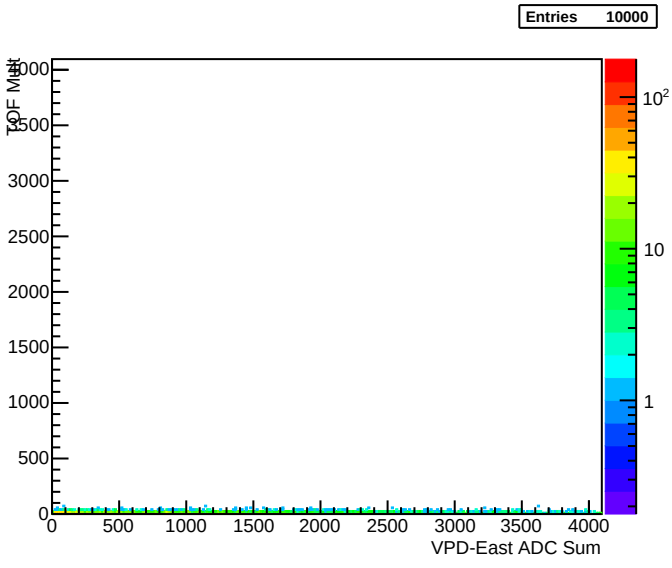


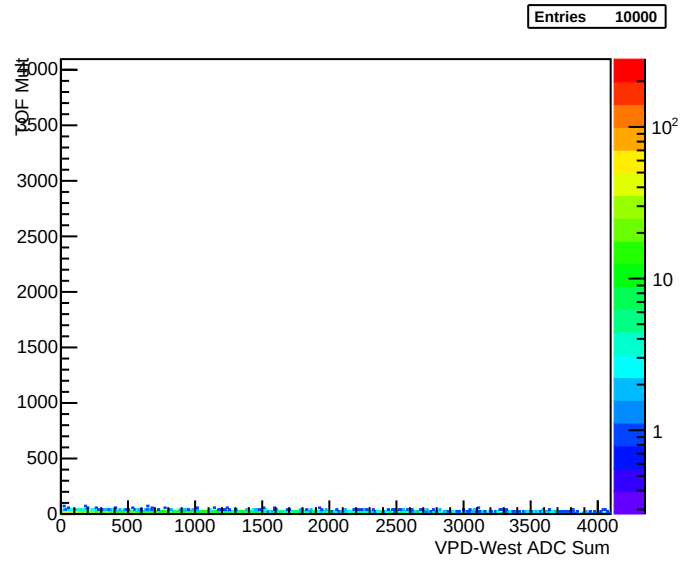
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

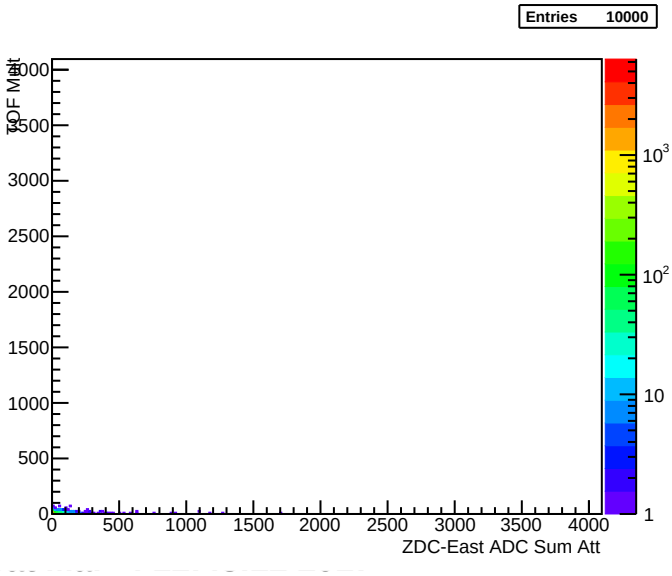


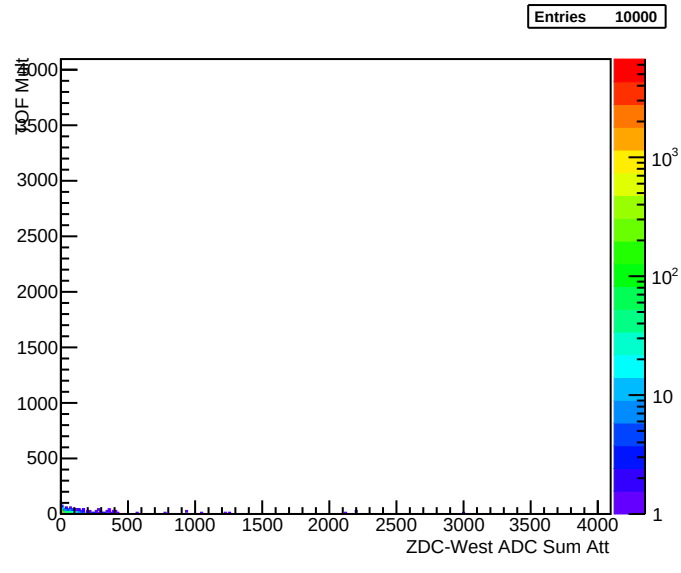

Entries 10000
TOF Mult
BBC-S-East ADC Sum

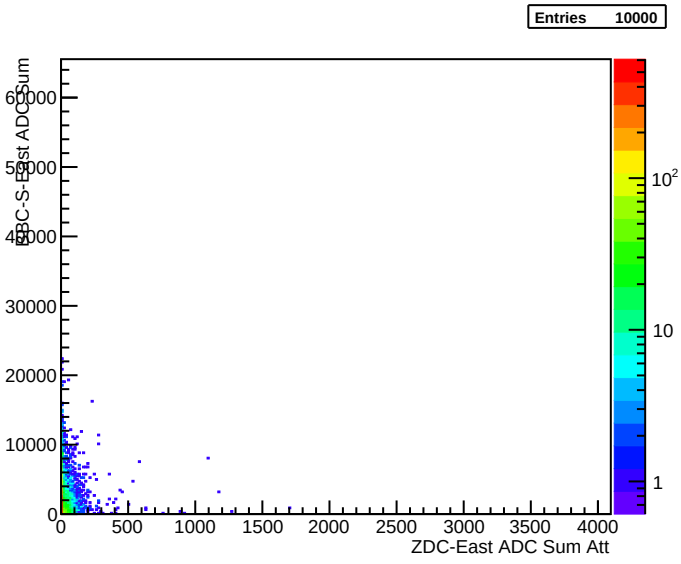

Entries 10000
TOF Mult
BBC-S-West ADC Sum

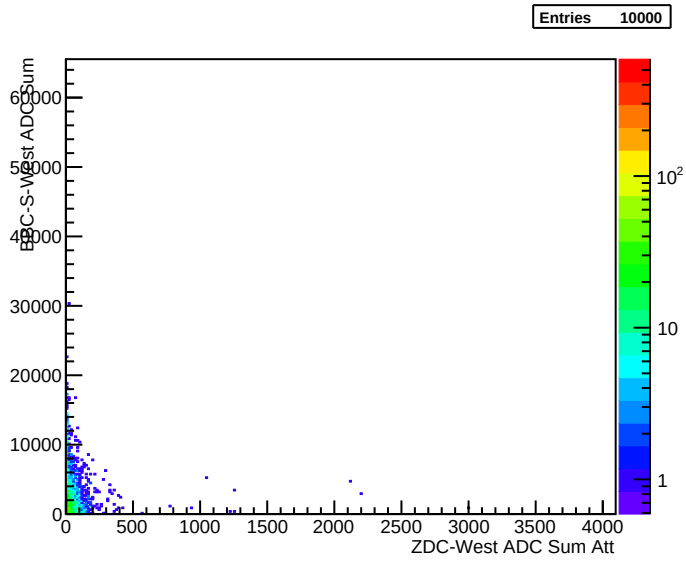

Entries 10000
TOF Mult
VPD-East ADC Sum

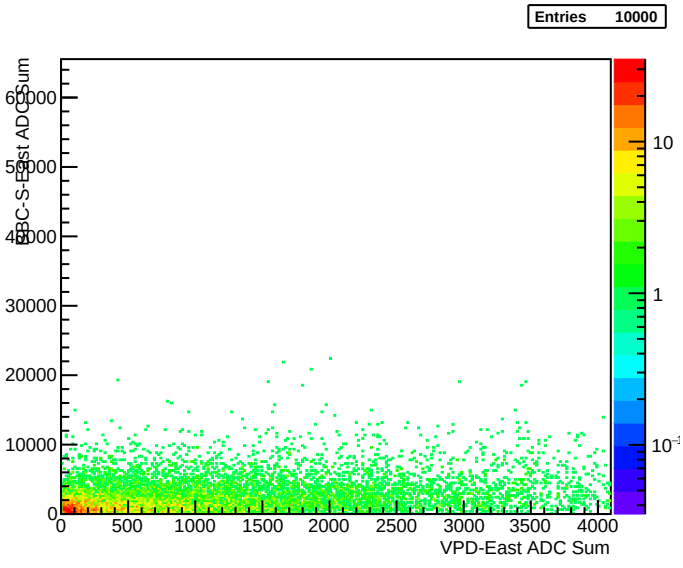

Entries 10000
TOF Mult
VPD-West ADC Sum

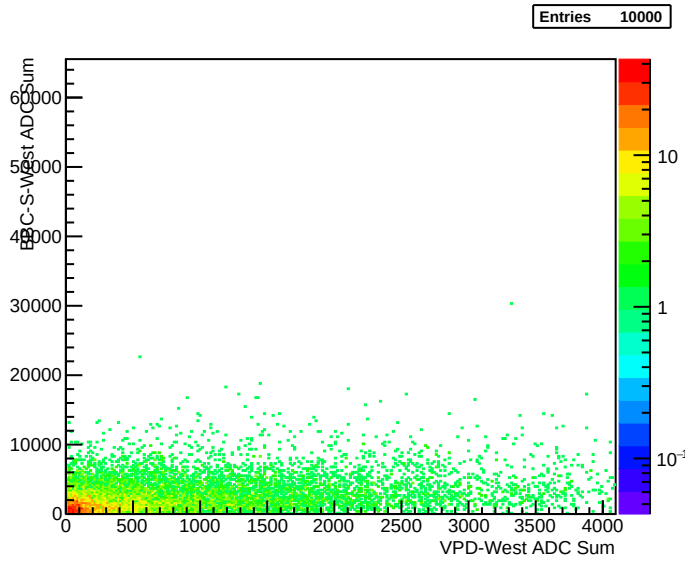

Entries 10000
TOF Mult
ZDC-East ADC Sum Att

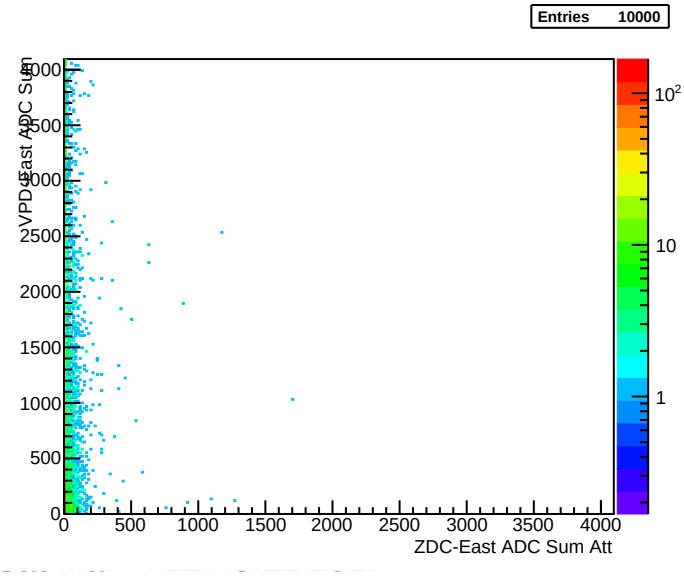

Entries 10000
TOF Mult
ZDC-West ADC Sum Att

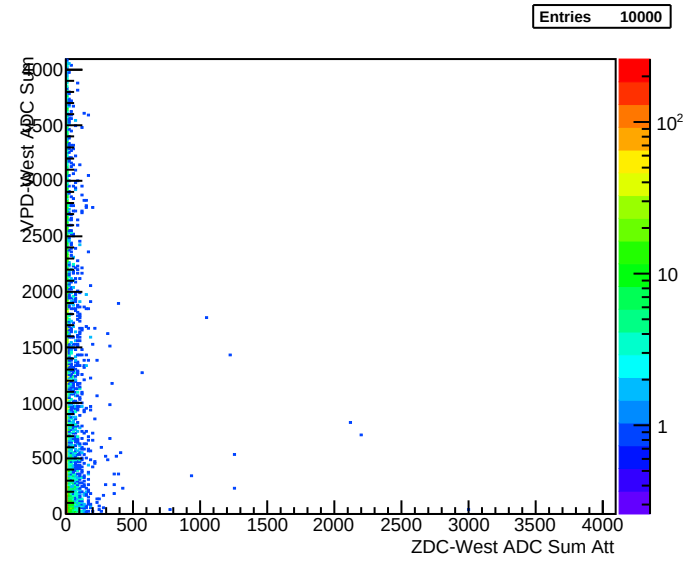

Entries 10000
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

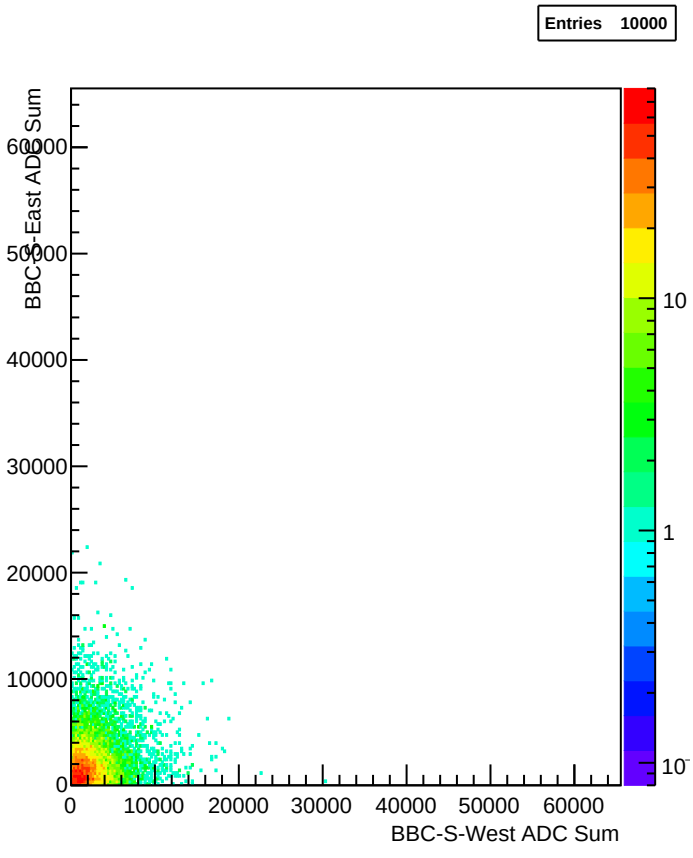

Entries 10000
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

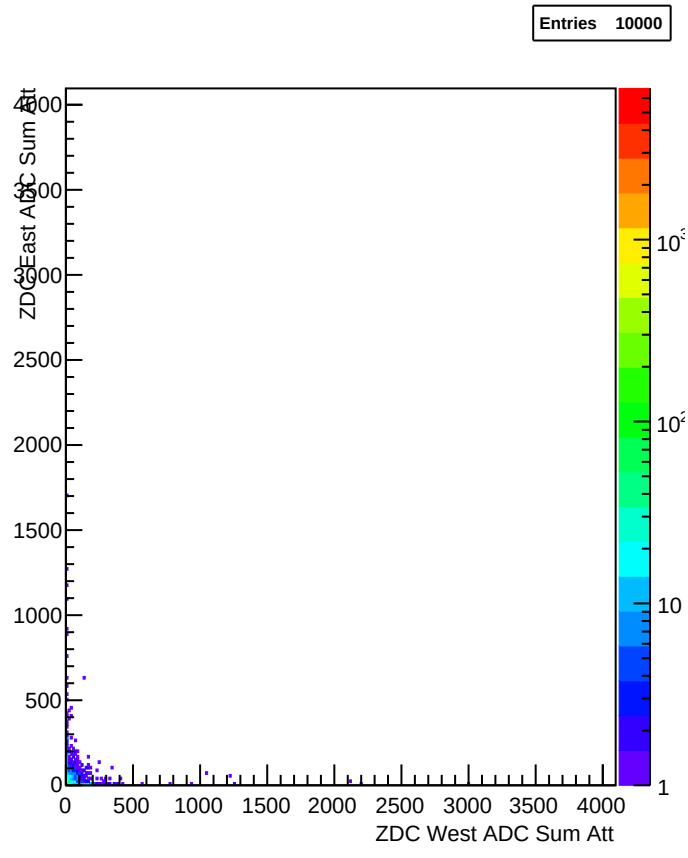

Entries 10000
BBC-S-East ADC Sum
VPD-East ADC Sum

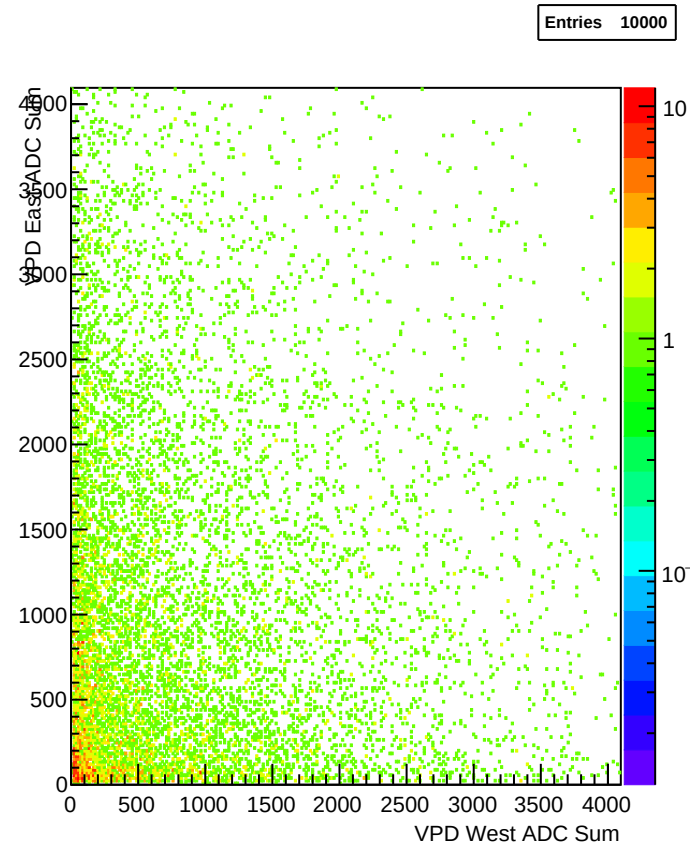

Entries 10000
BBC-S-West ADC Sum
VPD-West ADC Sum

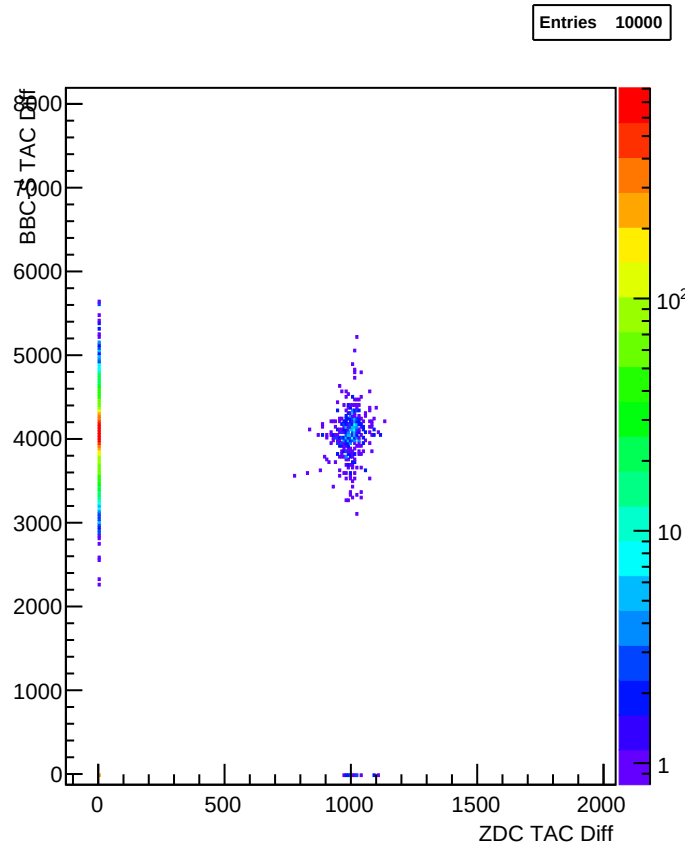

Entries 10000
VPD-East ADC Sum
ZDC-East ADC Sum Att

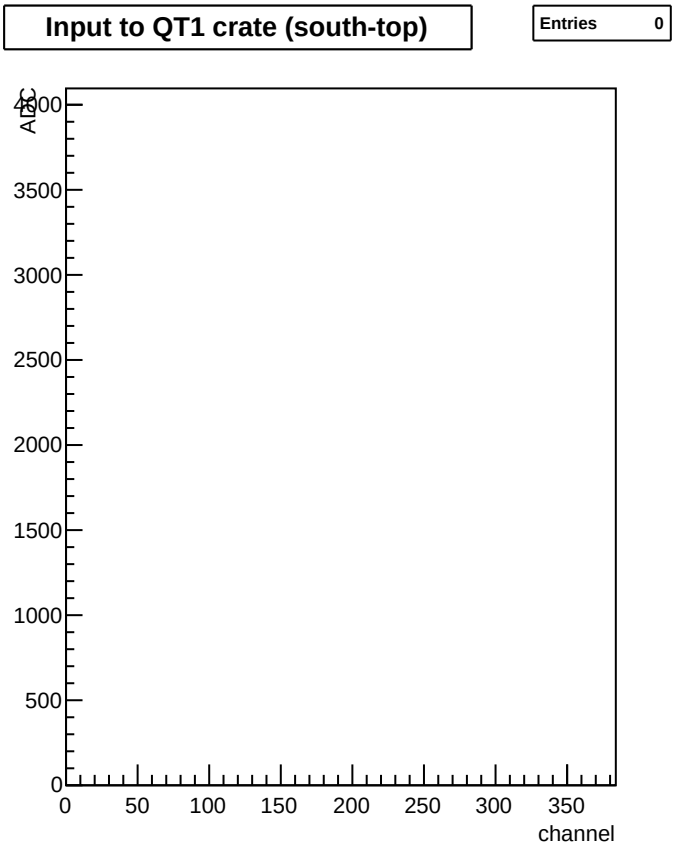

Entries 10000
VPD-West ADC Sum
ZDC-West ADC Sum Att

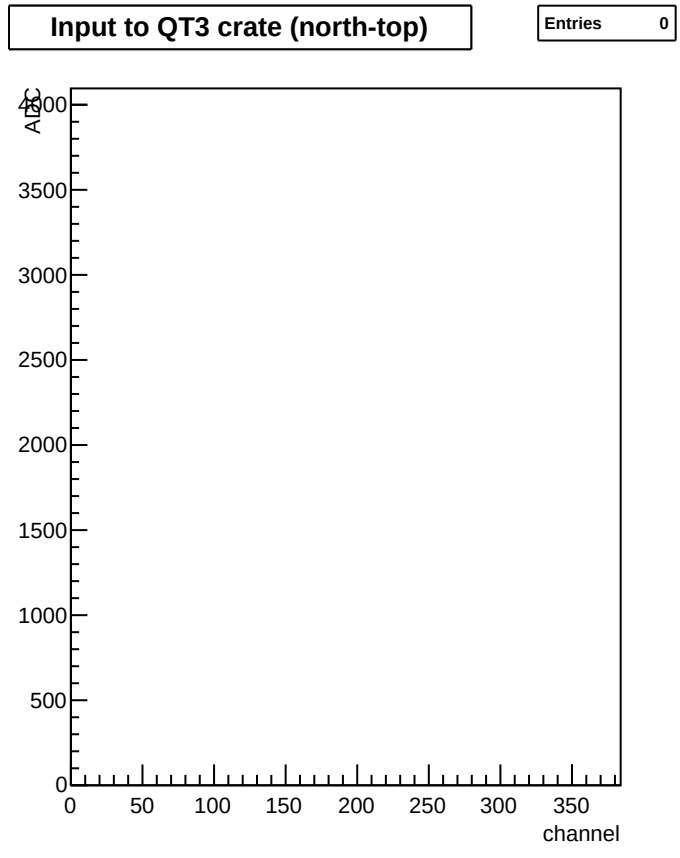

Entries 10000
BBC-S-East ADC Sum
BBC-S-West ADC Sum

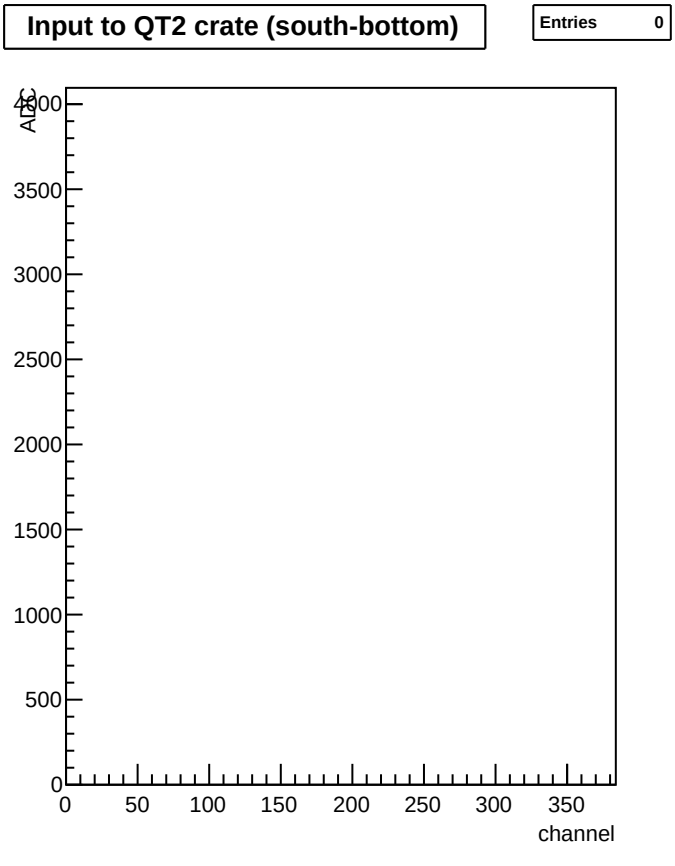

Entries 10000
ZDC East ADC Sum Att
ZDC West ADC Sum Att

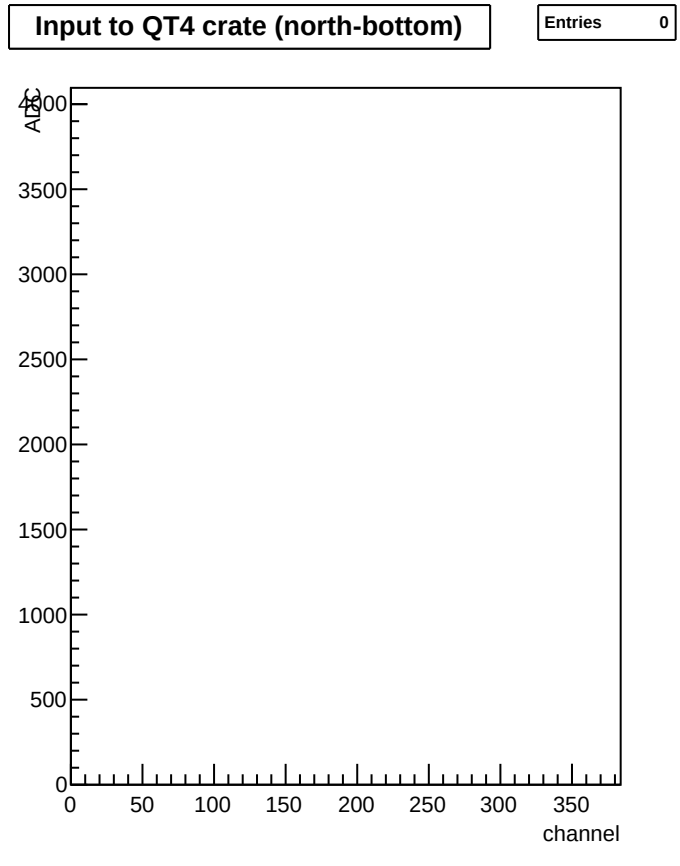

Entries 10000
VPD East ADC Sum
VPD West ADC Sum

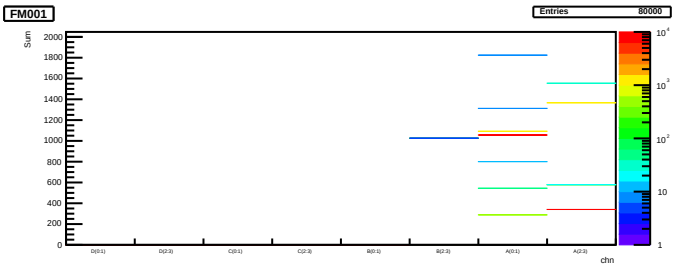

Entries 10000
BBC-S TAC Diff
ZDC TAC Diff

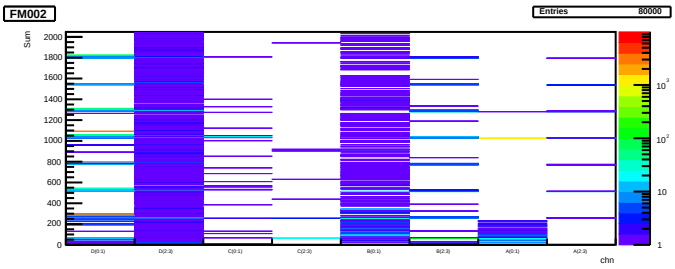

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

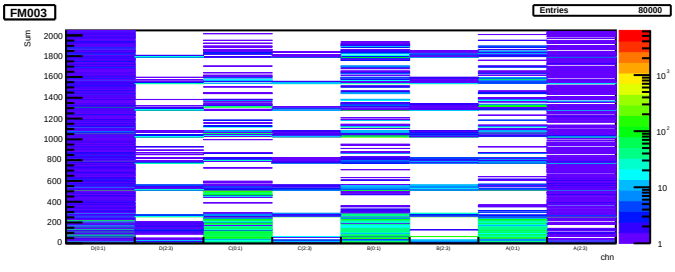

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

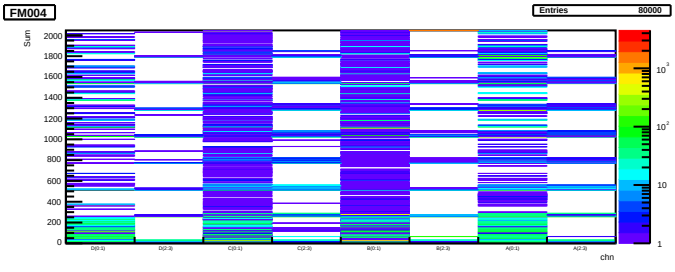

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

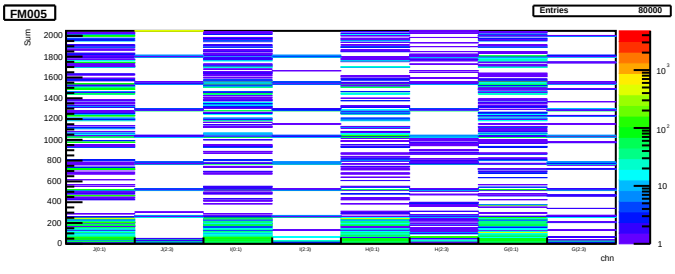

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

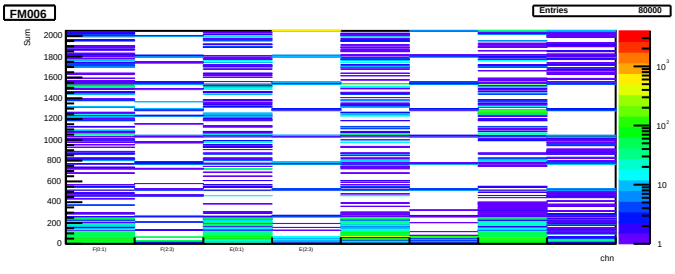

FM001
Entries 80000
Sum
chn

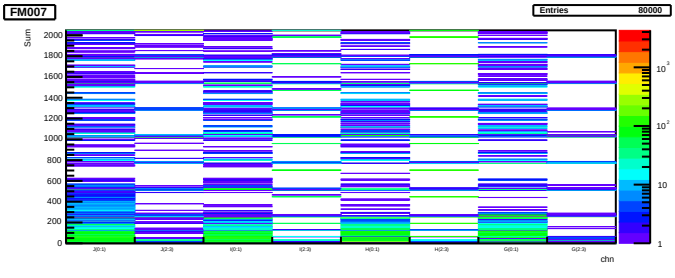

FM002
Entries 80000
Sum
chn

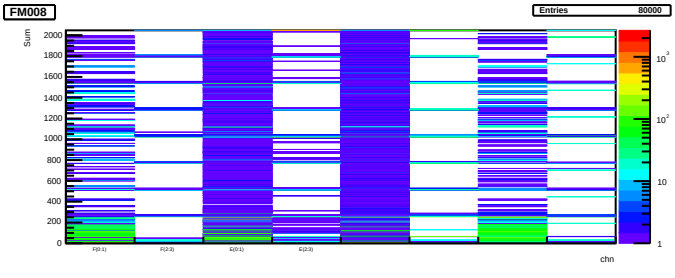

FM003
Entries 80000
Sum
chn

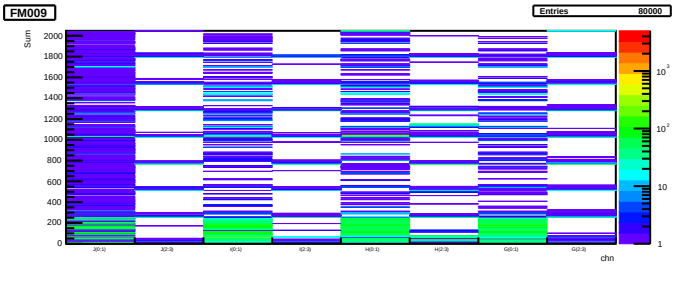

FM004
Entries 80000
Sum
chn

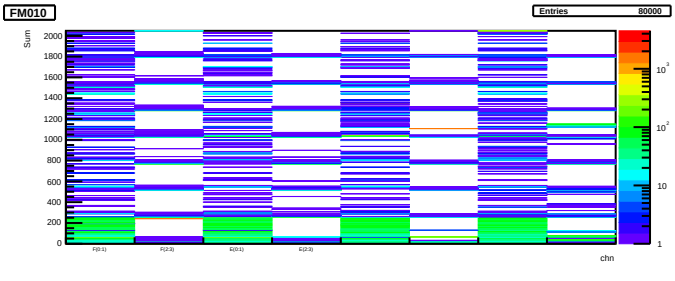

FM005
Entries 80000
Sum
chn

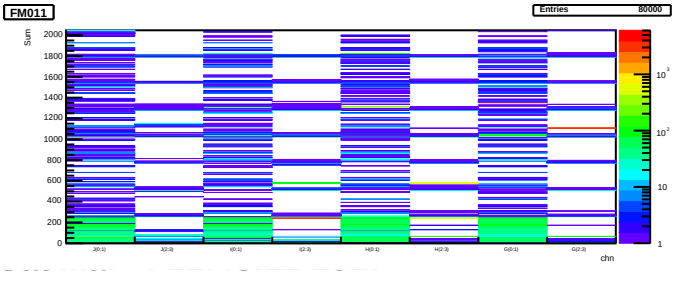

FM006
Entries 80000
Sum
chn

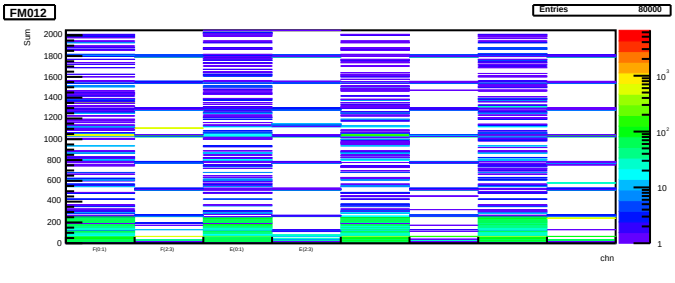

FM007
Entries 80000
Sum
chn


FM008
Entries 80000
Sum
chn


FM009
Entries 80000
Sum
chn


FM010
Entries 80000
Sum
chn


FM011
Entries 80000
Sum
chn


FM012
Entries 80000
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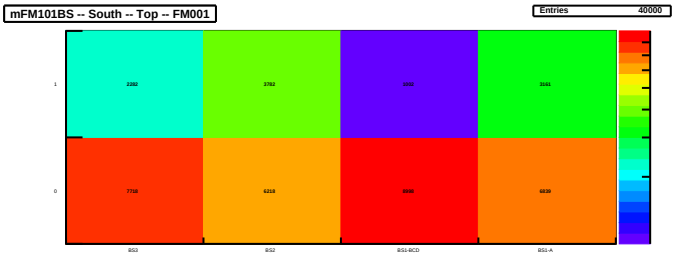
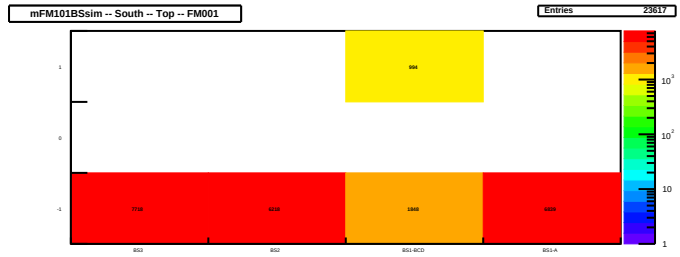

mFM101BS -- South -- Top -- FM001
Entries 40000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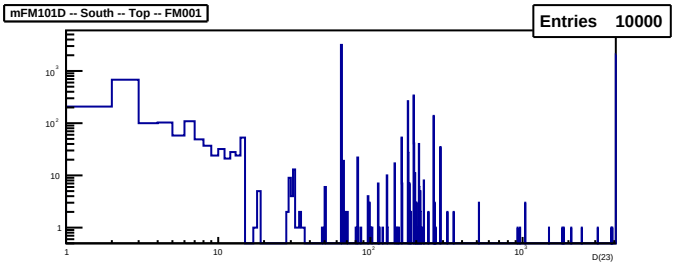
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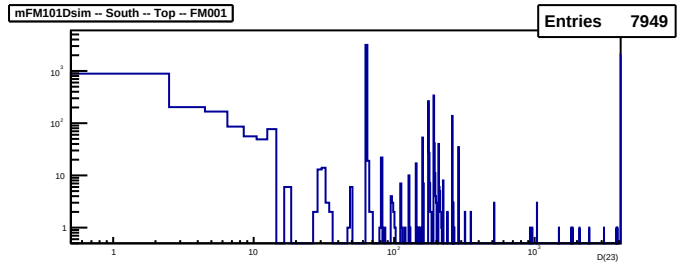
Entries 10000
D(23)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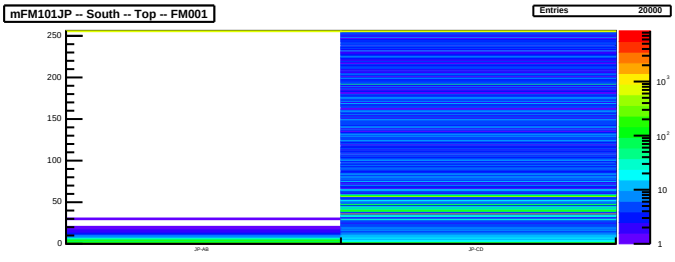
Entries 7949
D(23)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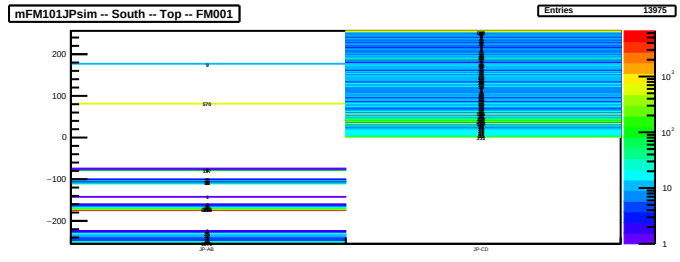
Entries 20000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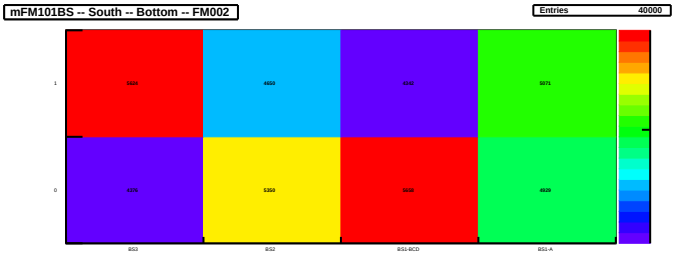
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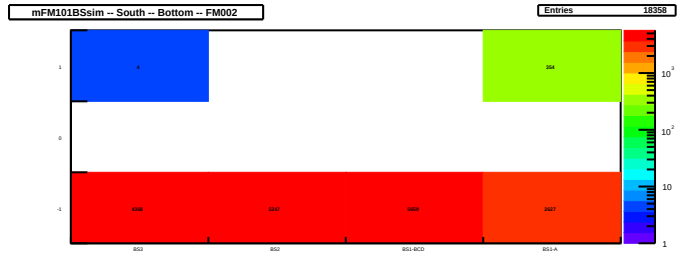
Entries 40000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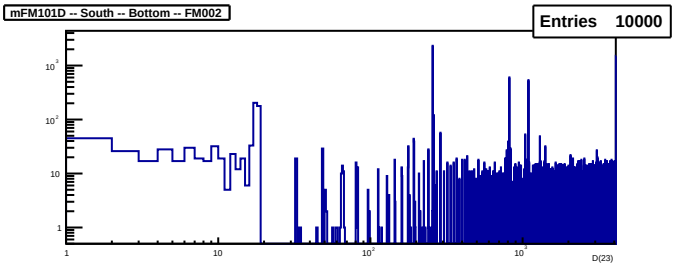
Entries 18358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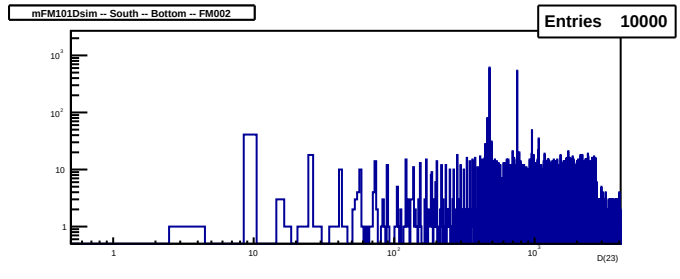
Entries 10000
D(23)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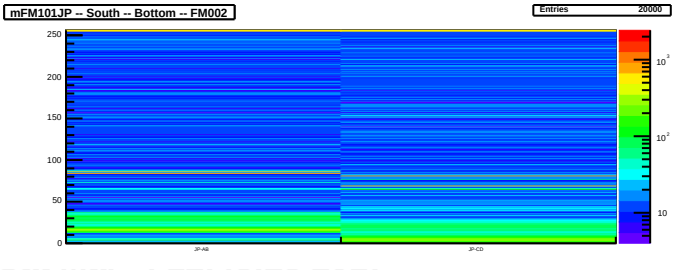
Entries 10000
D(23)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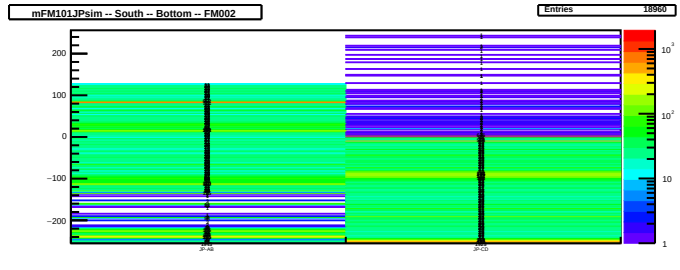
Entries 20000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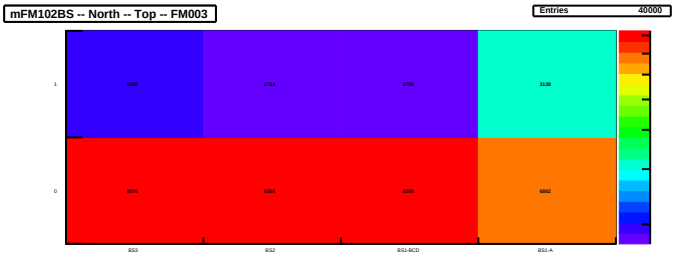
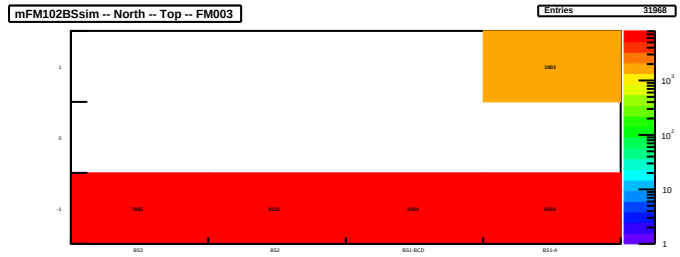

mFM102BS -- North -- Top -- FM003
Entries 40000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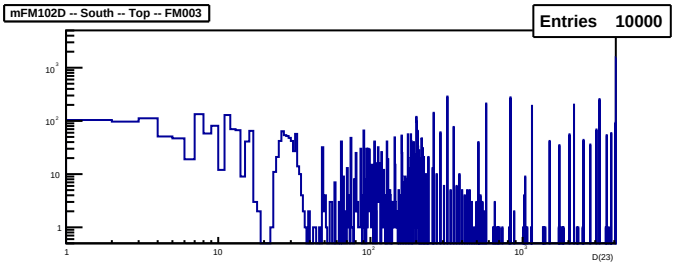
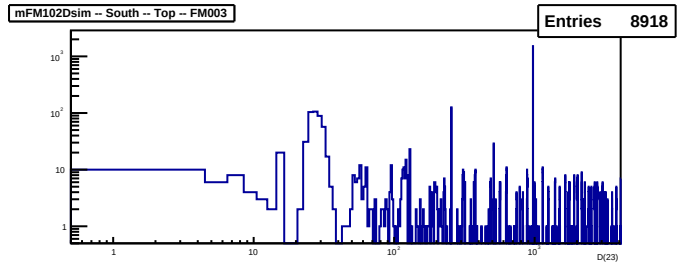
Entries 31968


mFM102D -- South -- Top -- FM003
Entries 10000
D(23)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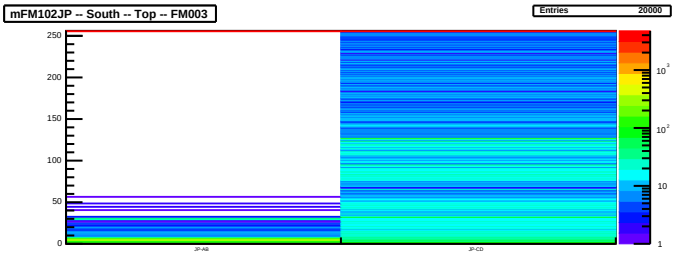
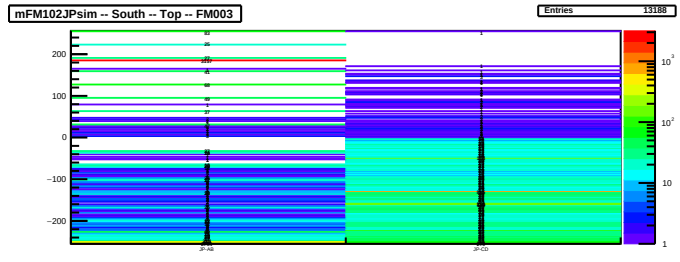
D(23)


mFM102JP -- South -- Top -- FM003
Entries 20000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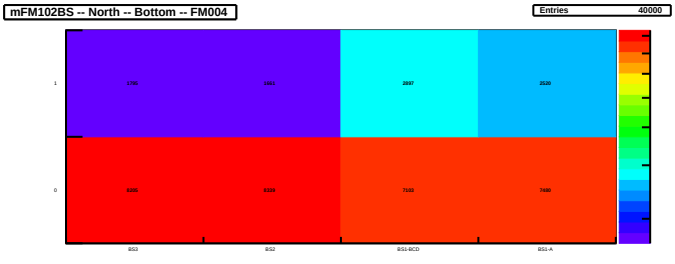
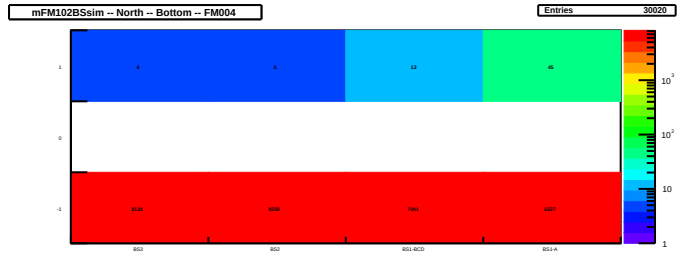
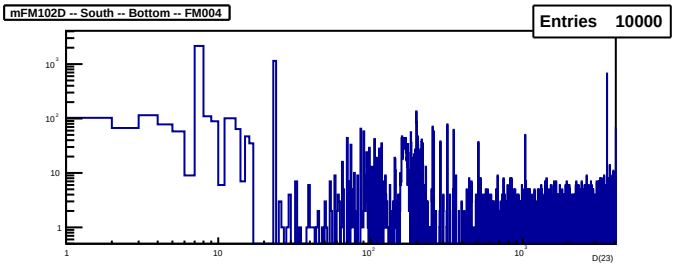
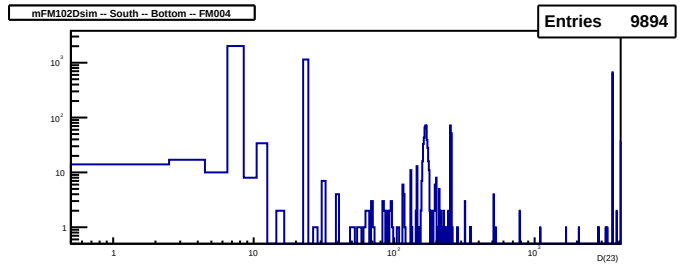
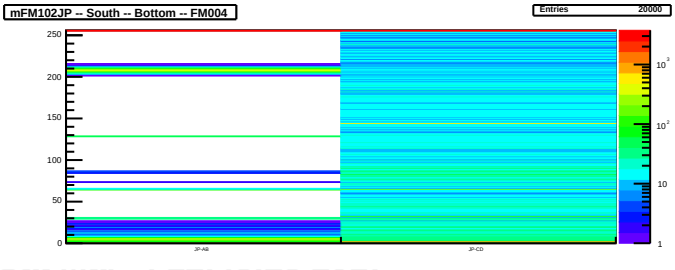
Entries 13188

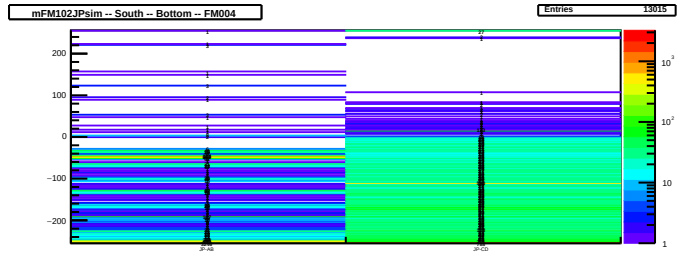

mFM102BS -- North -- Bottom -- FM004
Entries 40000

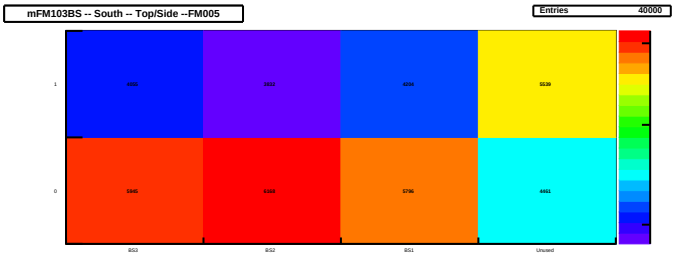

mFM102BSsim -- North -- Bottom -- FM004
Entries 30020

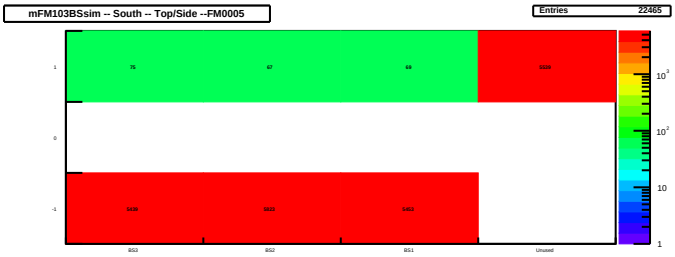

mFM102D -- South -- Bottom -- FM004
Entries 10000
D(23)

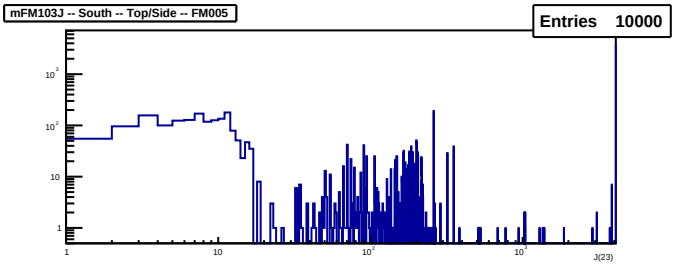

mFM102Dsim -- South -- Bottom -- FM004
Entries 9894
D(23)

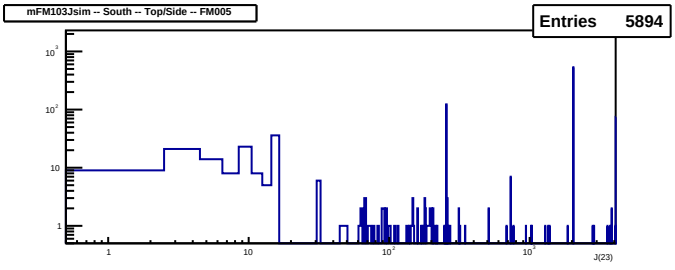

mFM102JP -- South -- Bottom -- FM004
Entries 20000


mFM102JPsim -- South -- Bottom -- FM004
Entries 13015


mFM103BS -- South -- Top/Side --FM005
Entries 40000
4155
3932
4264
5539
5945
6169
5796
4451
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Top/Side --FM0005
Entries 22465
75
67
68
5109
5439
5323
5453
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 10000
J(23)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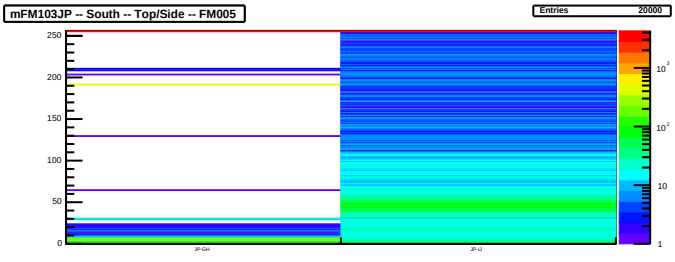
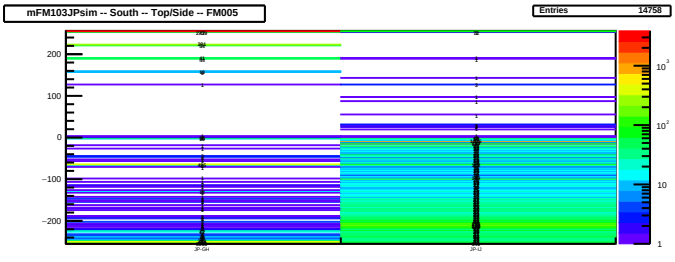
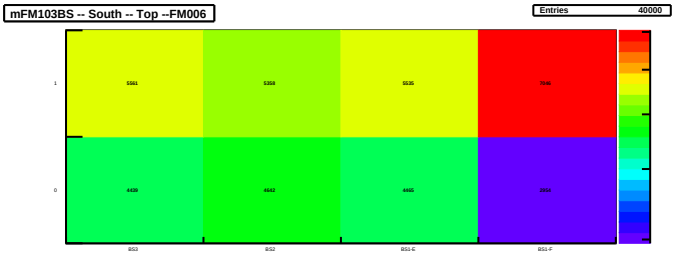
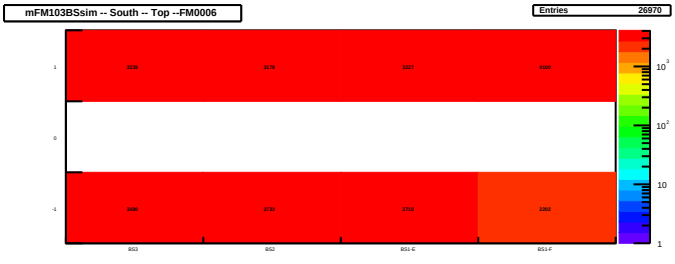
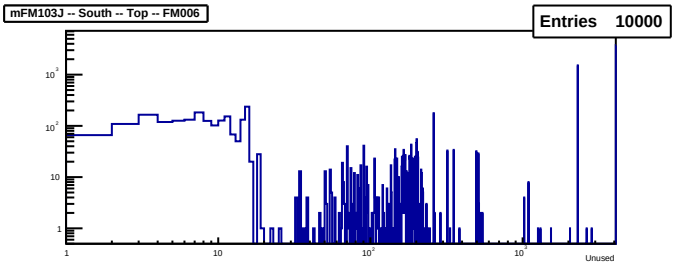
Entries 5894
J(23)

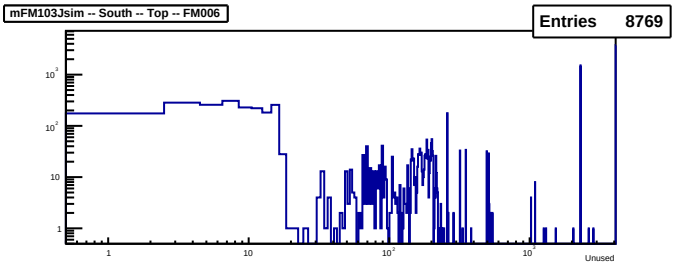

mFM103JP -- South -- Top/Side -- FM005
Entries 20000
JP-G4
JP-I1


mFM103JPsim -- South -- Top/Side -- FM005
Entries 14758
JP-G4
JP-I1


mFM103BS -- South -- Top --FM006
Entries 40000
5561
5358
5535
7046
4439
4642
4665
2354
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 26970
3230
3179
3227
4100
3430
3733
3710
2302
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 10000
Unused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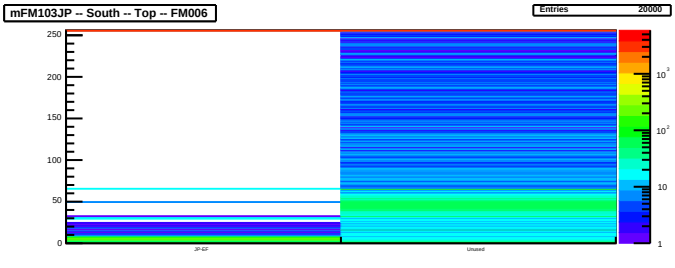
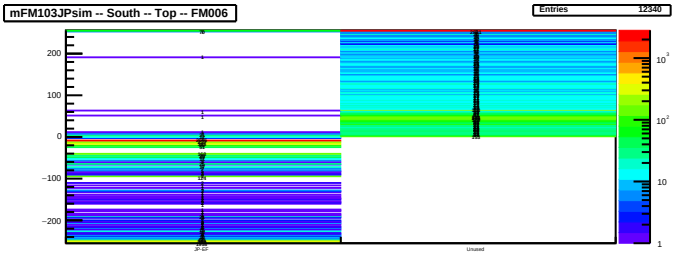
Entries 8769
Unused


mFM103JP -- South -- Top -- FM006
Entries 20000
JP-E2
Unused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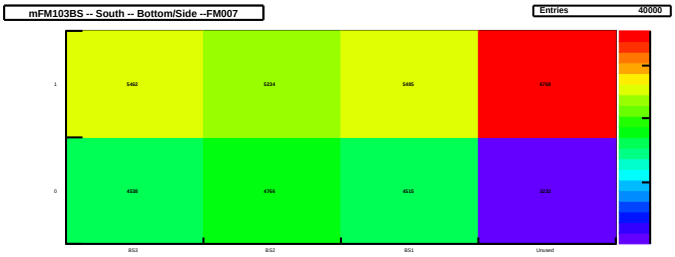
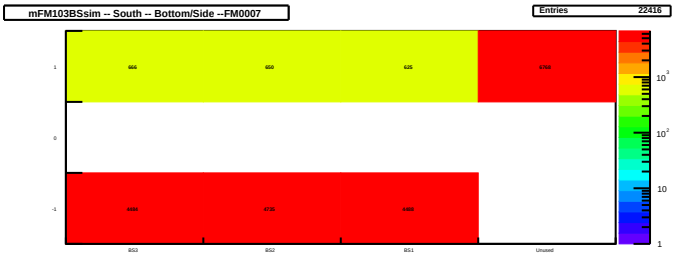
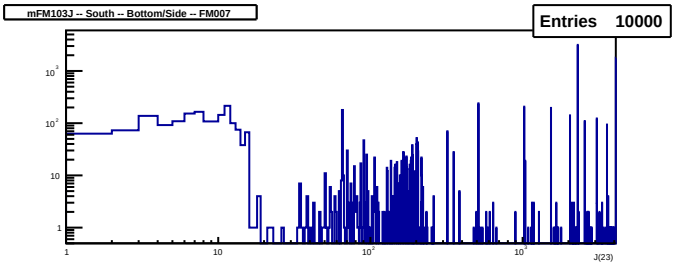
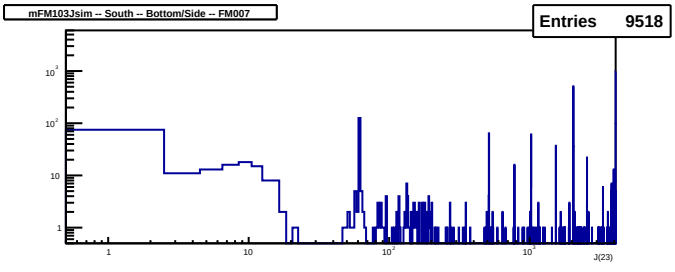
Entries 12340
JP-E2
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 40000


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 22416


mFM103J -- South -- Bottom/Side -- FM007
Entries 10000
J(23)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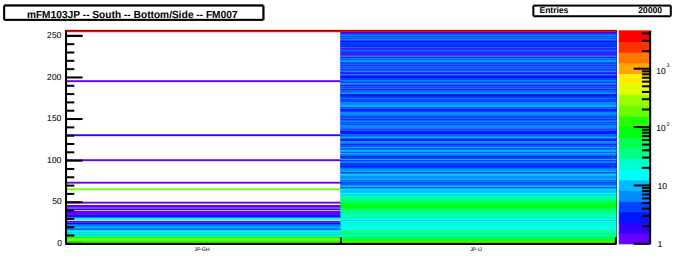
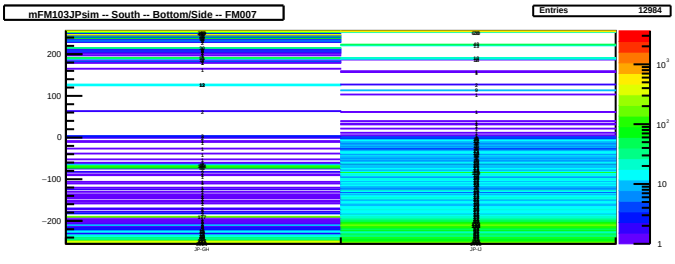
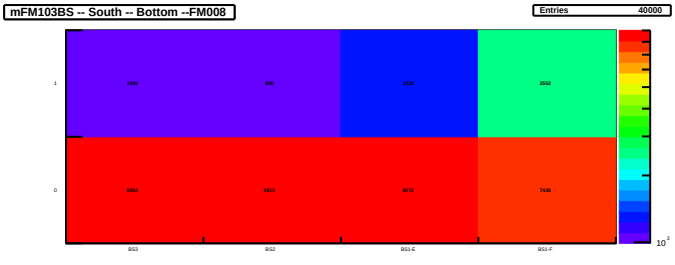
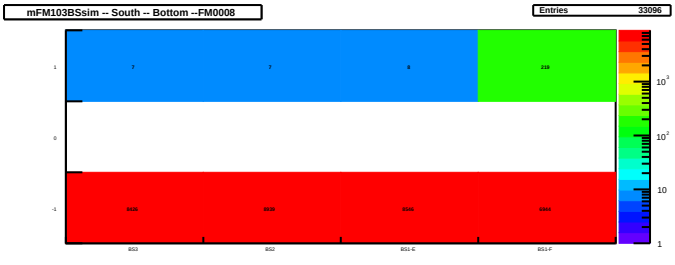
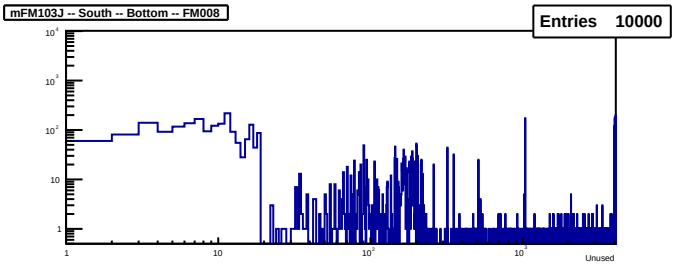
Entries 9518
J(23)

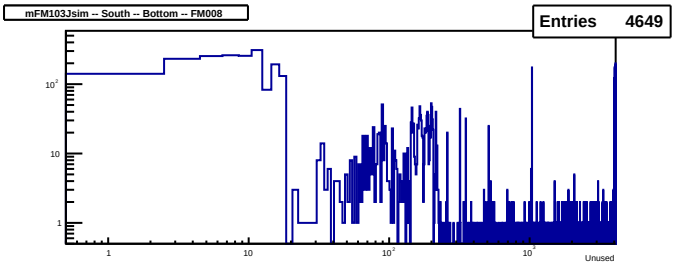

mFM103JP -- South -- Bottom/Side -- FM007
Entries 20000


mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 12984


mFM103BS -- South -- Bottom --FM008
Entries 40000


mFM103BSsim -- South -- Bottom --FM0008
Entries 33096


mFM103J -- South -- Bottom -- FM008
Entries 10000
Unused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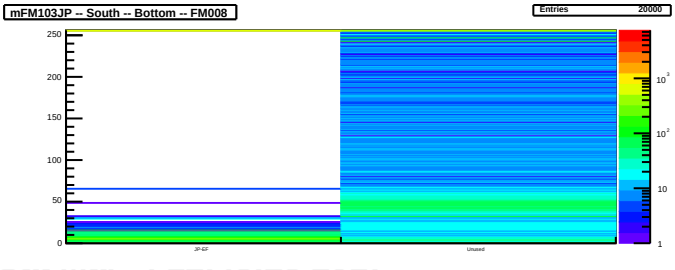
Entries 4649
Unused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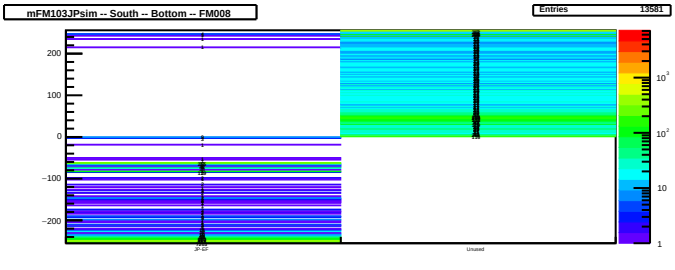
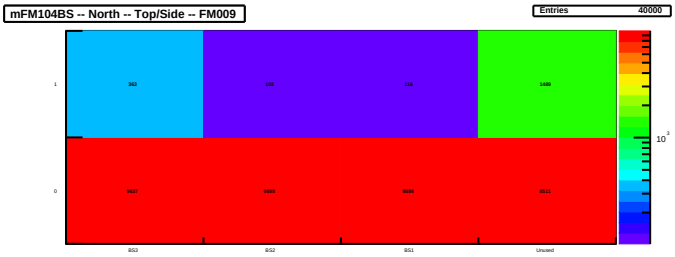
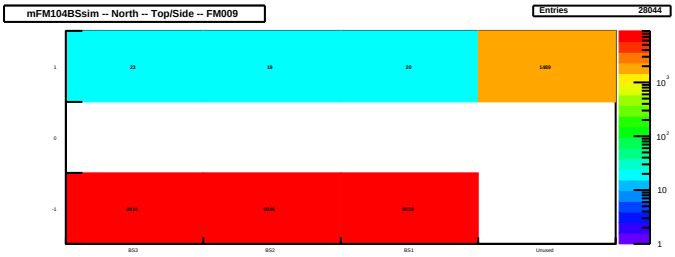
Entries 20000


mFM103JPsim -- South -- Bottom -- FM008
Entries 13581


mFM104BS -- North -- Top/Side -- FM009
Entries 40000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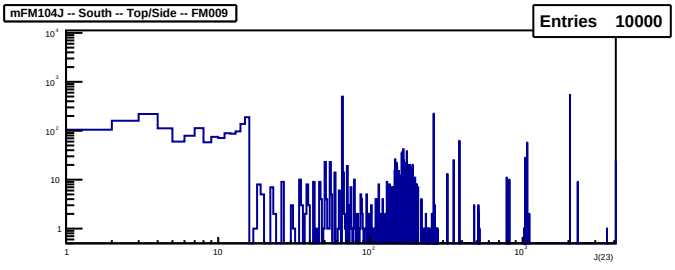
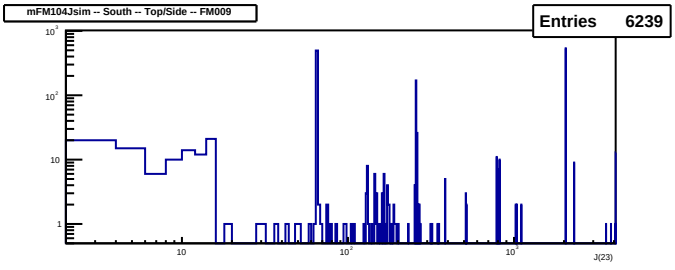
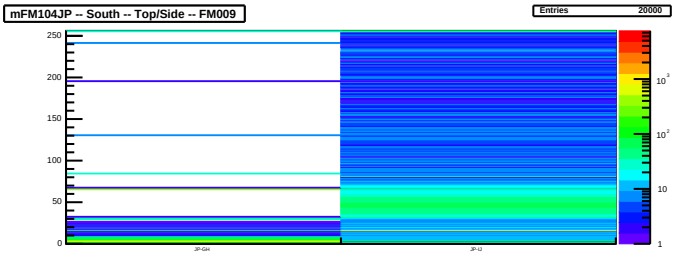
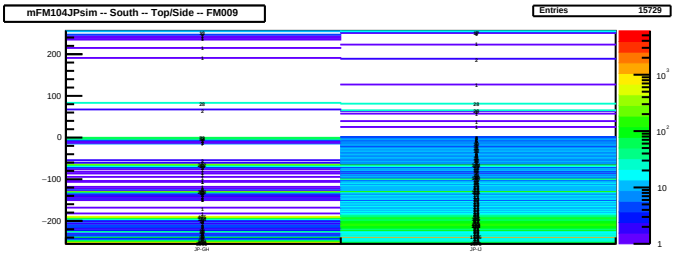
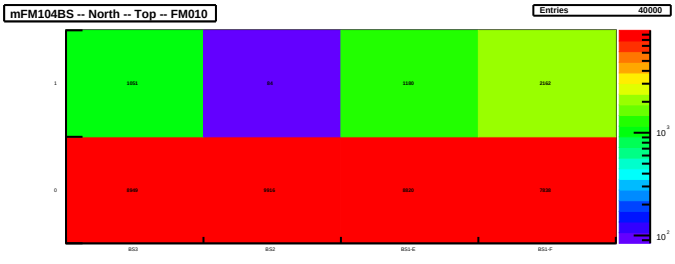
Entries 28044

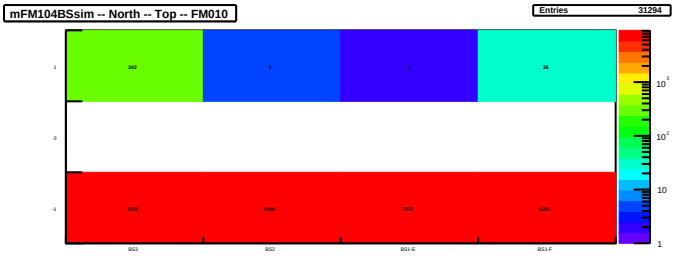

mFM104J -- South -- Top/Side -- FM009
Entries 10000
J(23)

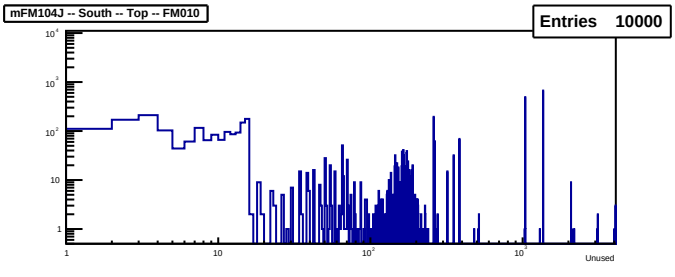

mFM104Jsim -- South -- Top/Side -- FM009
Entries 6239
J(23)

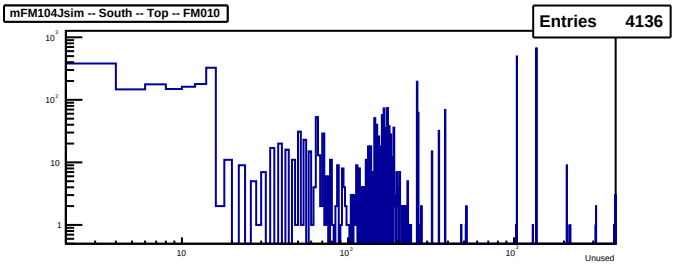

mFM104JP -- South -- Top/Side -- FM009
Entries 20000

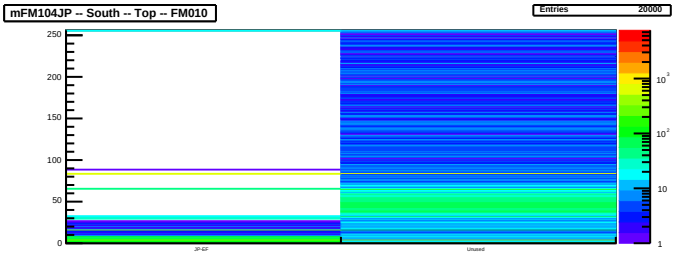

mFM104JPsim -- South -- Top/Side -- FM009
Entries 15729

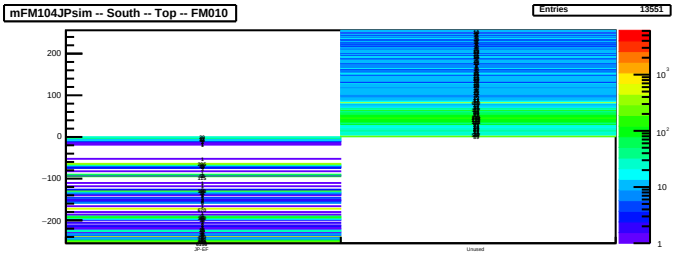

mFM104BS -- North -- Top -- FM010
Entries 40000

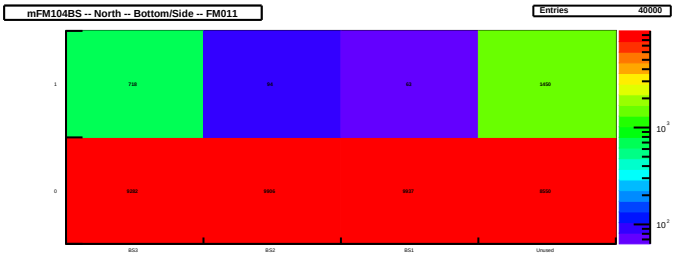

mFM104BSsim -- North -- Top -- FM010
Entries 31294

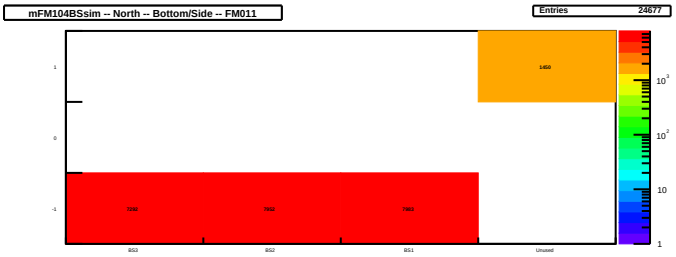

mFM104J -- South -- Top -- FM010
Entries 10000
Unused

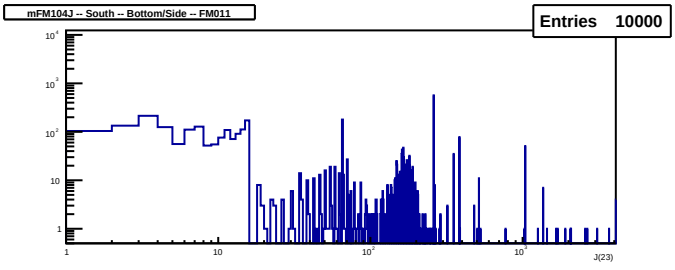

mFM104Jsim -- South -- Top -- FM010
Entries 4136
Unused

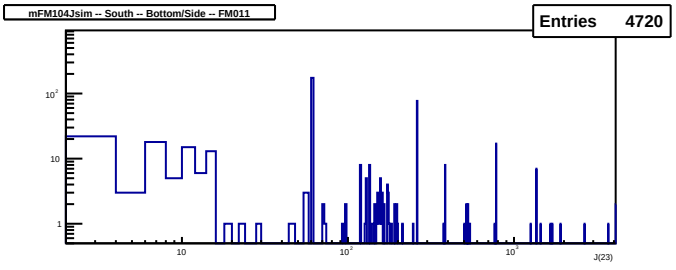

mFM104JP -- South -- Top -- FM010
Entries 20000

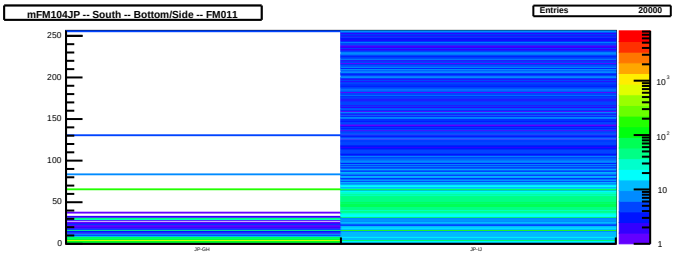

mFM104JPsim -- South -- Top -- FM010
Entries 13551

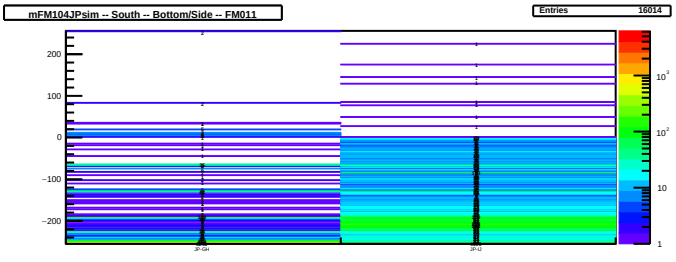

mFM104BS -- North -- Bottom/Side -- FM011
Entries 40000

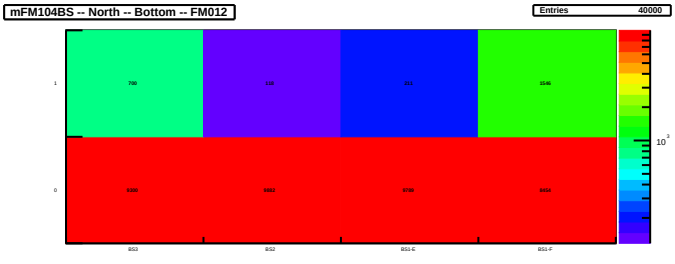

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 24677

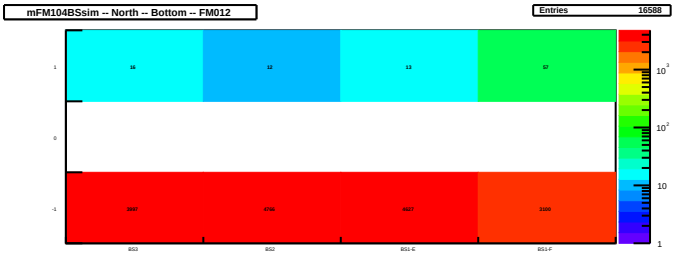

mFM104J -- South -- Bottom/Side -- FM011
Entries 10000
J(23)

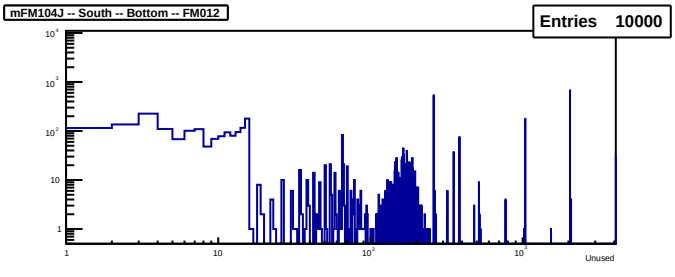

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 4720
J(23)

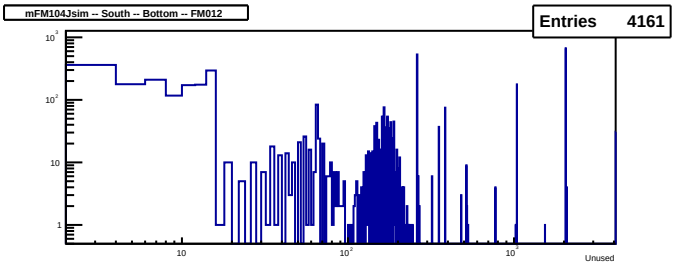

mFM104JP -- South -- Bottom/Side -- FM011
Entries 20000

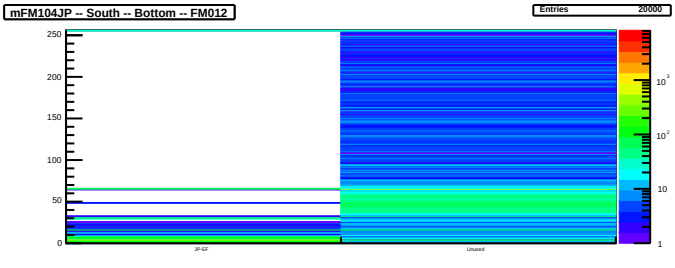

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 16014

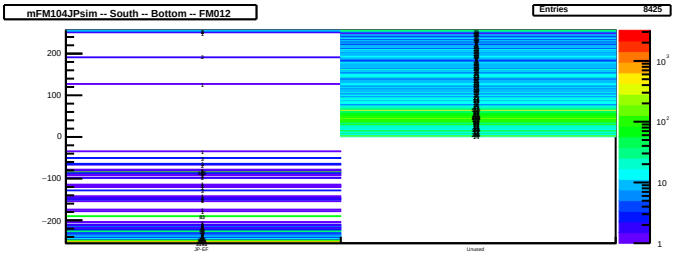

mFM104BS -- North -- Bottom -- FM012
Entries 40000

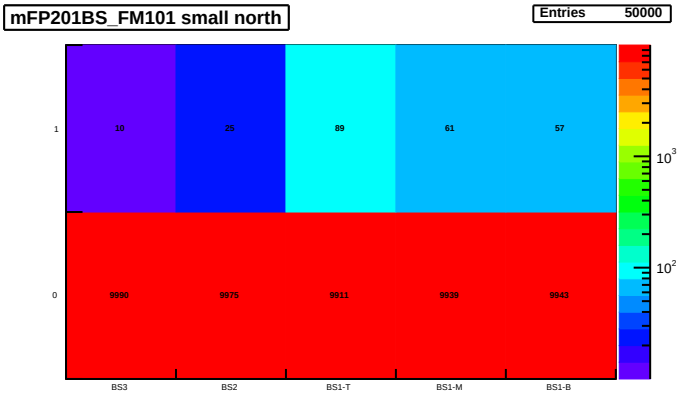

mFM104BSsim -- North -- Bottom -- FM012
Entries 16588

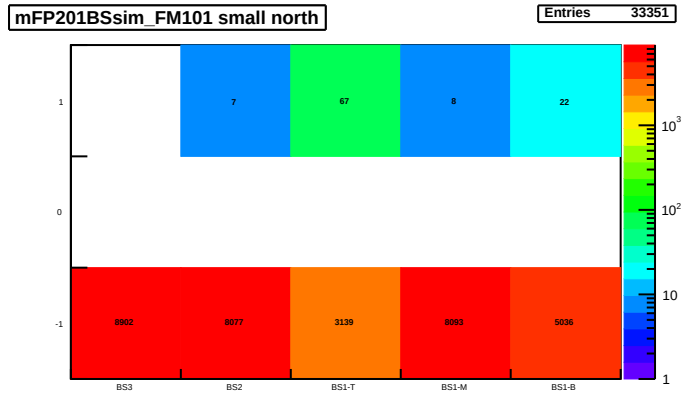

mFM104J -- South -- Bottom -- FM012
Entries 10000
Unused

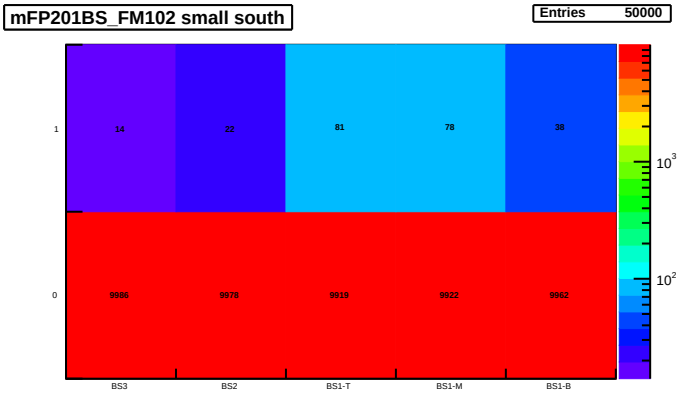

mFM104Jsim -- South -- Bottom -- FM012
Entries 4161
Unused

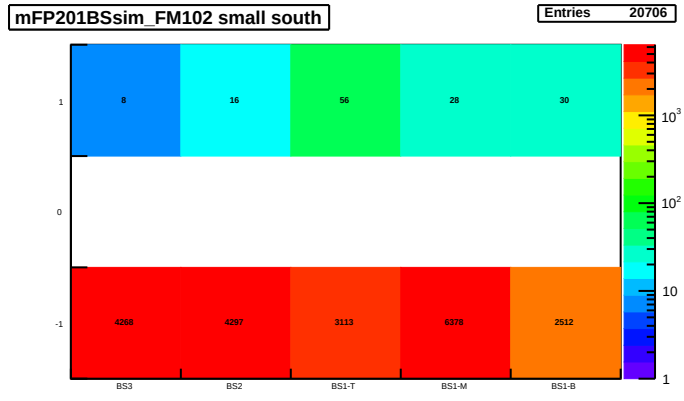

mFM104JP -- South -- Bottom -- FM012
Entries 20000

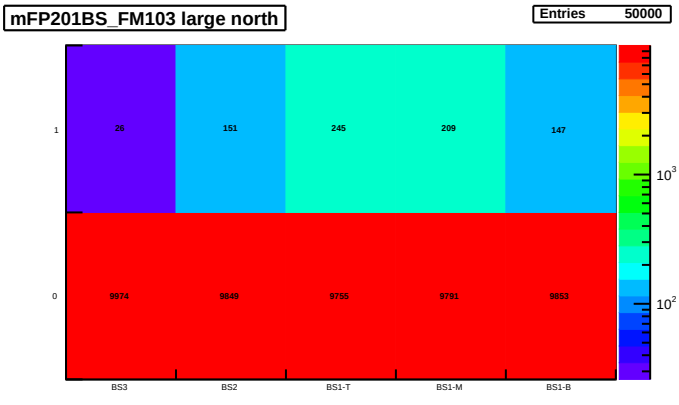

mFM104JPsim -- South -- Bottom -- FM012
Entries 8425

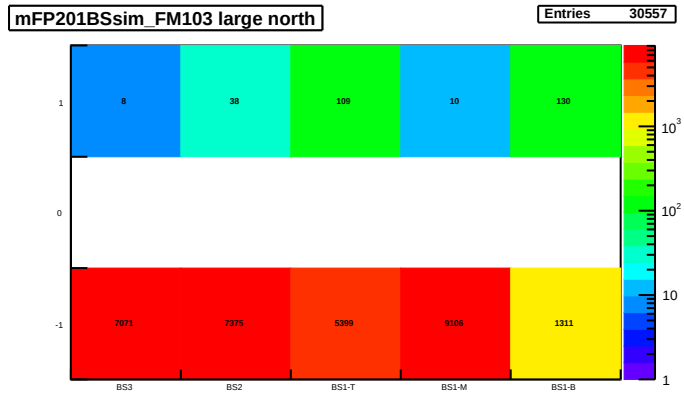

mFP201BS_FM101 small north
Entries 50000
1
0
10
25
89
61
57
9990
9975
9911
9939
9943
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2

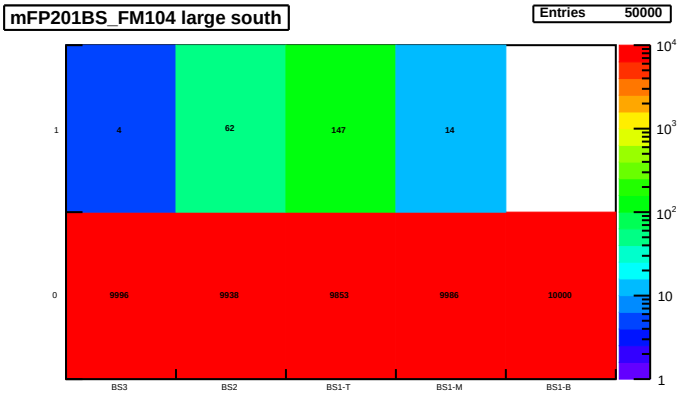

mFP201BSsim_FM101 small north
Entries 33351
1
0
-1
7
67
8
22
8902
8077
3139
8093
5036
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2
10
1

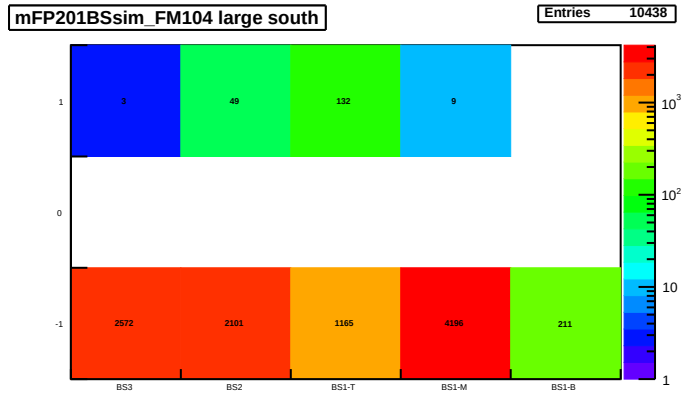

mFP201BS_FM102 small south
Entries 50000
1
0
14
22
81
78
38
9986
9978
9919
9922
9962
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2

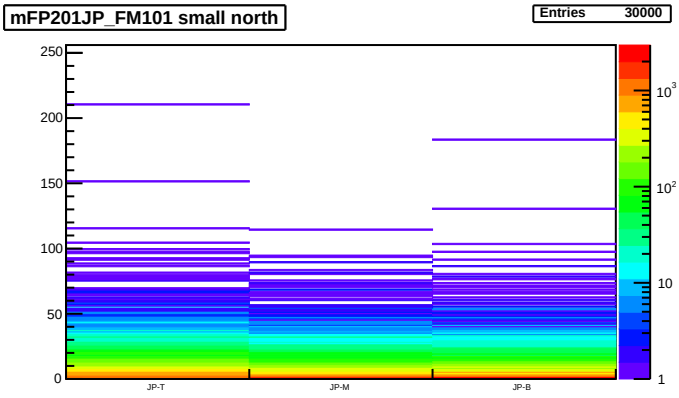

mFP201BSsim_FM102 small south
Entries 20706
1
0
-1
8
16
56
28
30
4268
4297
3113
6378
2512
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2
10
1

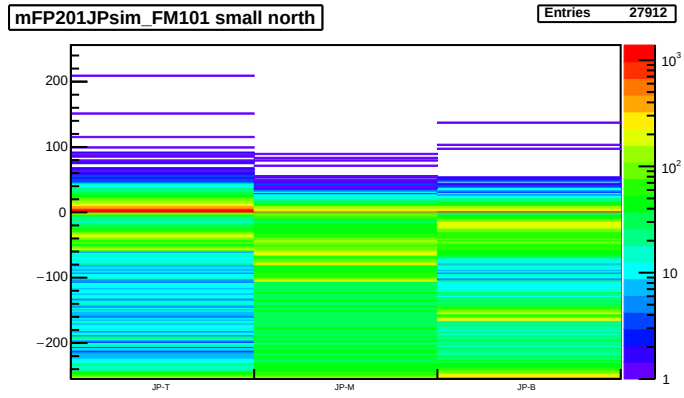

mFP201BS_FM103 large north
Entries 50000
1
0
26
151
245
209
147
9974
9849
9755
9791
9853
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2

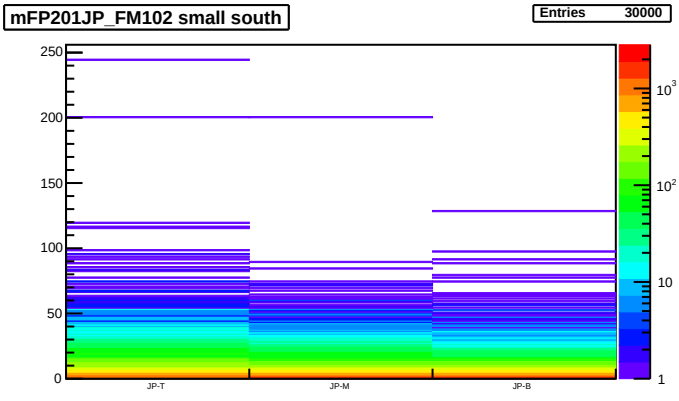

mFP201BSsim_FM103 large north
Entries 30557
1
0
-1
8
38
109
10
130
7071
7375
5399
9106
1311
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2
10
1

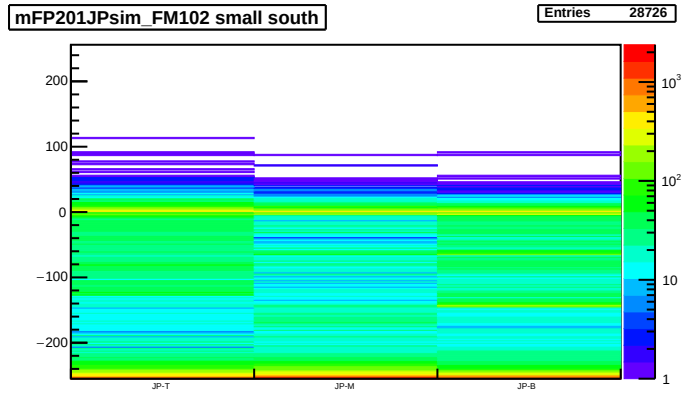

mFP201BS_FM104 large south
Entries 50000
1
0
4
62
147
14
9996
9938
9853
9986
10000
BS3
BS2
BS1-T
BS1-M
BS1-B
10^4
10^3
10^2
10
1

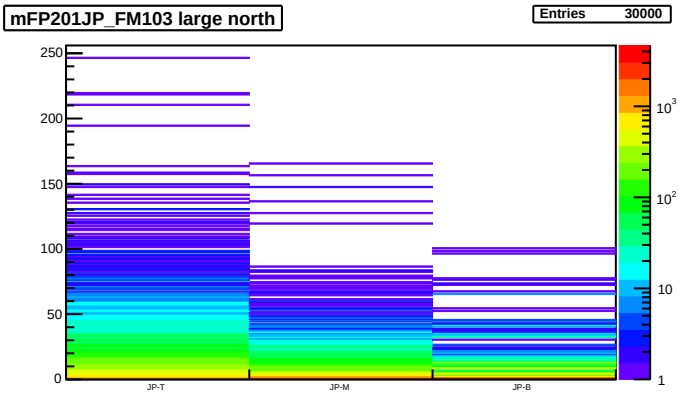

mFP201BSsim_FM104 large south
Entries 10438
1
0
-1
3
49
132
9
2572
2101
1165
4196
211
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2
10
1

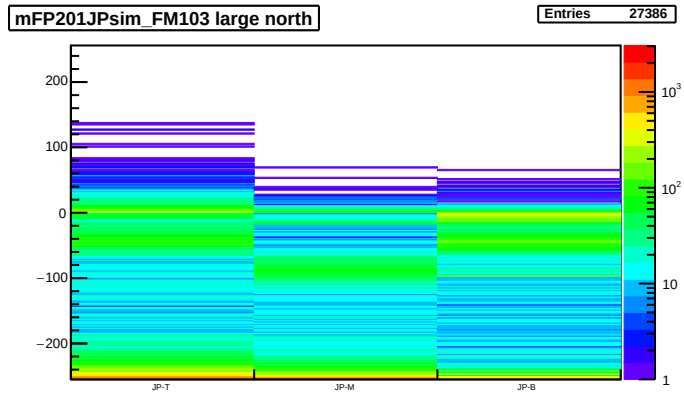

mFP201JP_FM101 small north
Entries 30000
JP-T
JP-M
JP-B

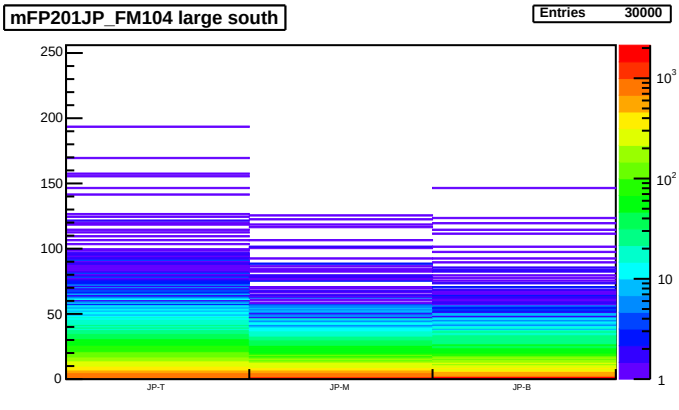

mFP201JPsim_FM101 small north
Entries 27912
JP-T
JP-M
JP-B

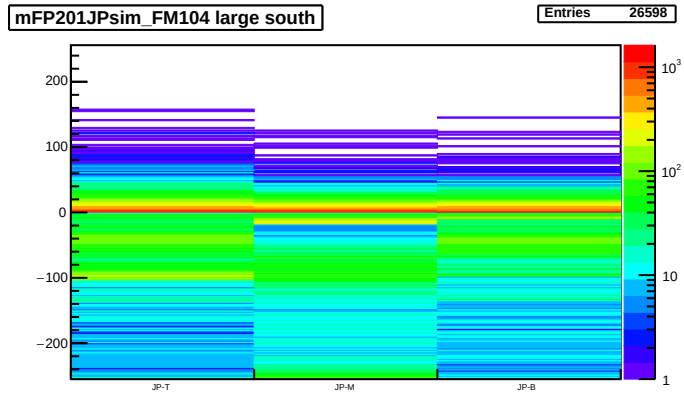

mFP201JP_FM102 small south
Entries 30000
JP-T
JP-M
JP-B

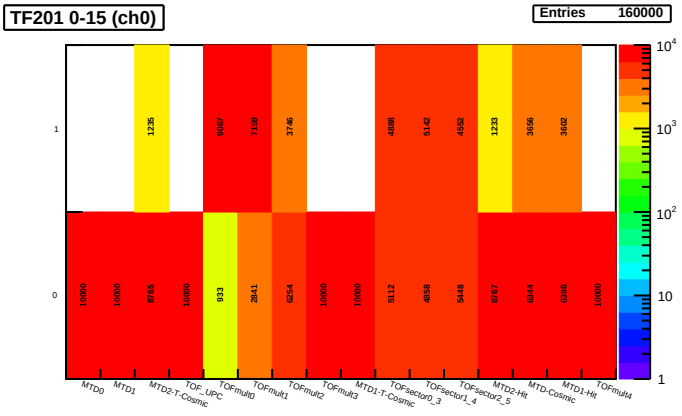

mFP201JPsim_FM102 small south
Entries 28726
JP-T
JP-M
JP-B

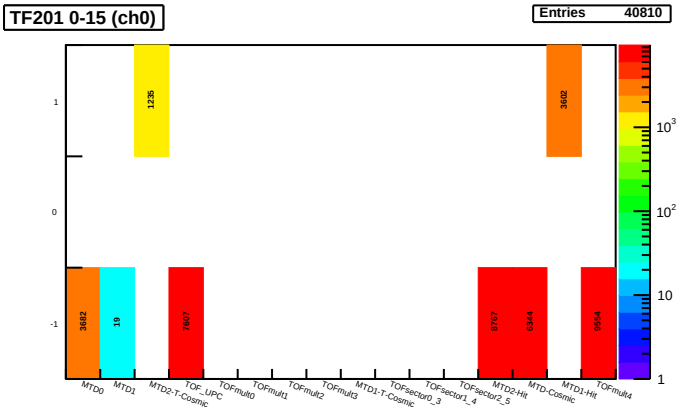

mFP201JP_FM103 large north
Entries 30000
JP-T
JP-M
JP-B

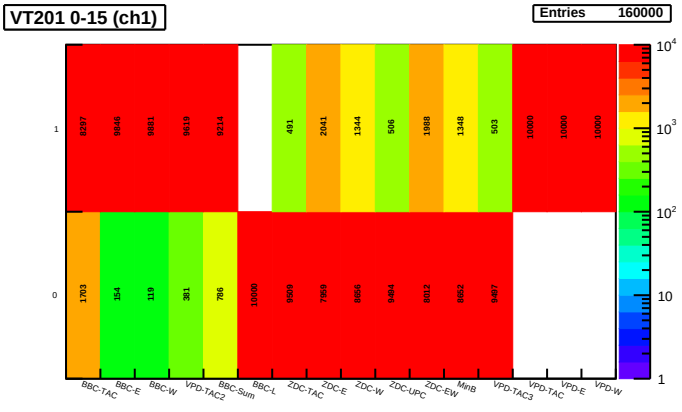

mFP201JPsim_FM103 large north
Entries 27386
JP-T
JP-M
JP-B

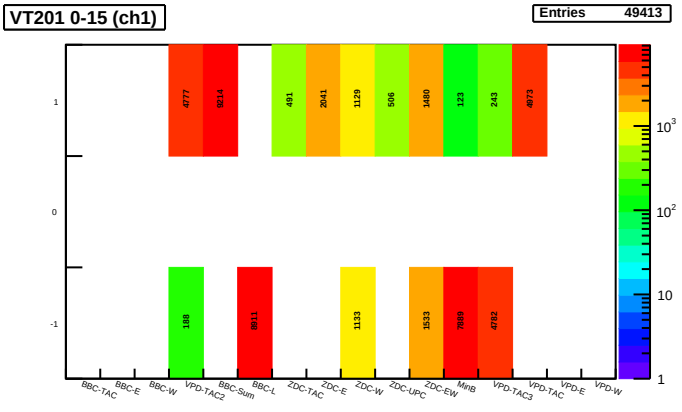

mFP201JP_FM104 large south
Entries 30000
JP-T
JP-M
JP-B

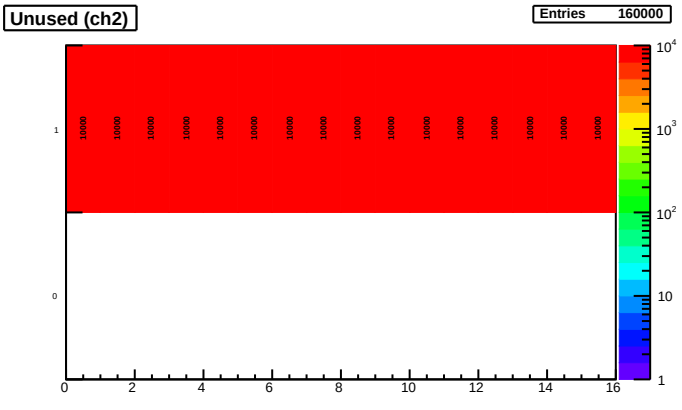

mFP201JPsim_FM104 large south
Entries 26598
JP-T
JP-M
JP-B

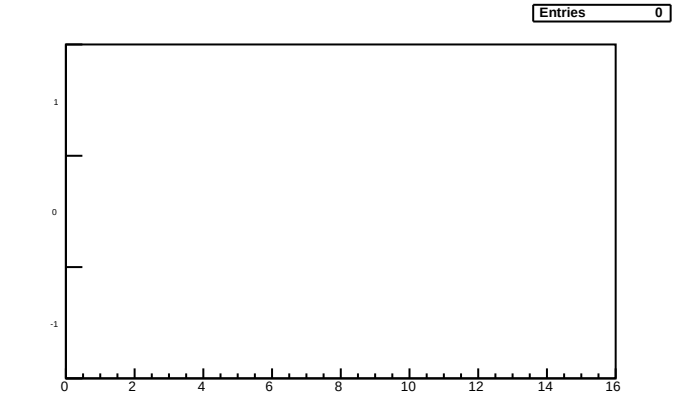

TF201 0-15 (ch0)
Entries 160000
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

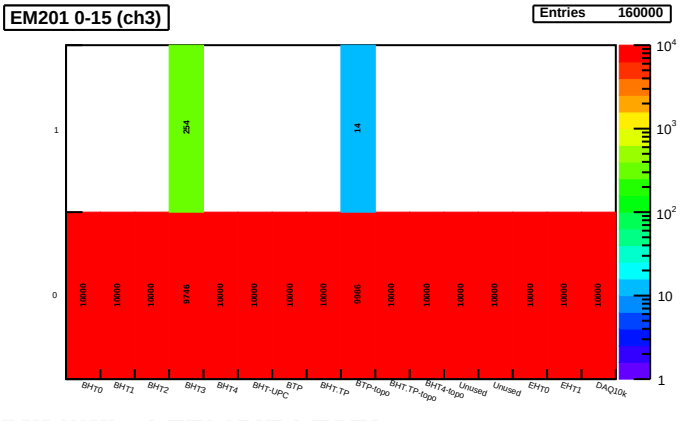

TF201 0-15 (ch0)
Entries 40810
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

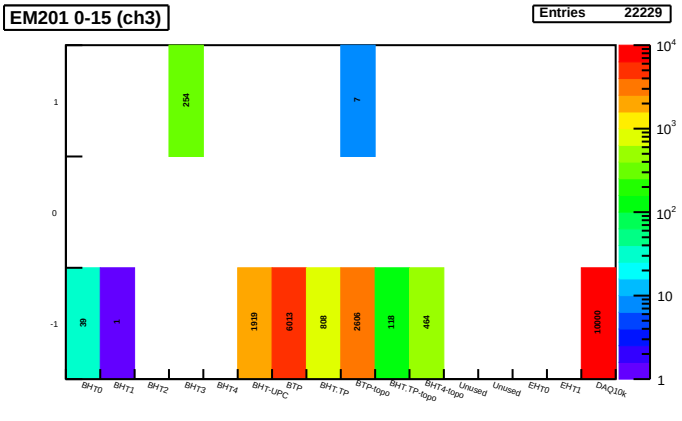

VT201 0-15 (ch1)
Entries 160000
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

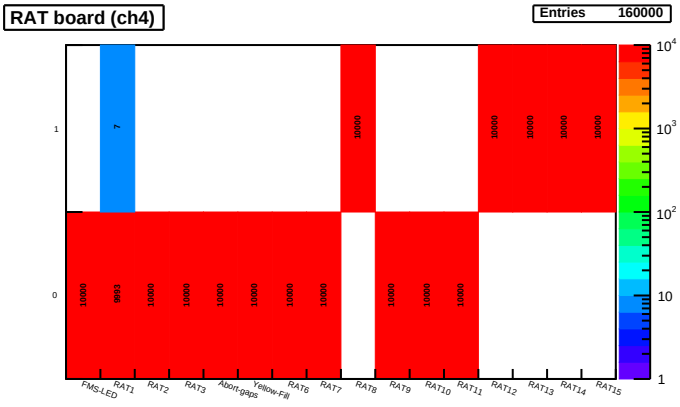

VT201 0-15 (ch1)
Entries 49413
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

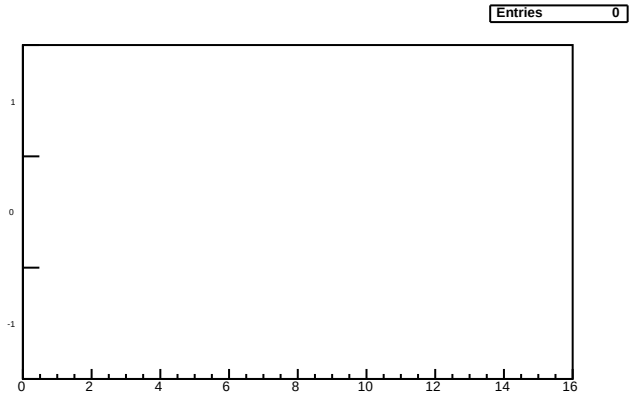

Unused (ch2)
Entries 160000

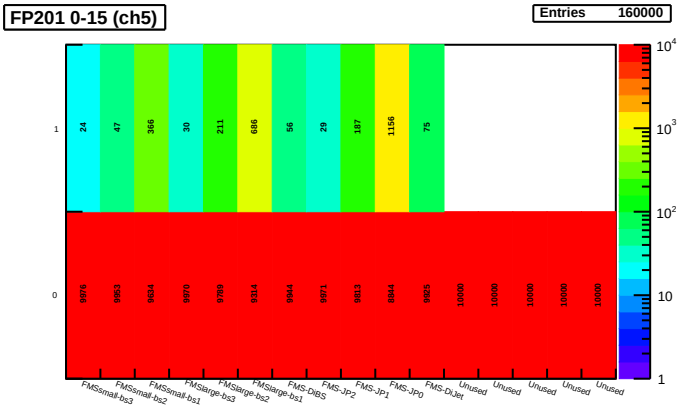

Entries 0

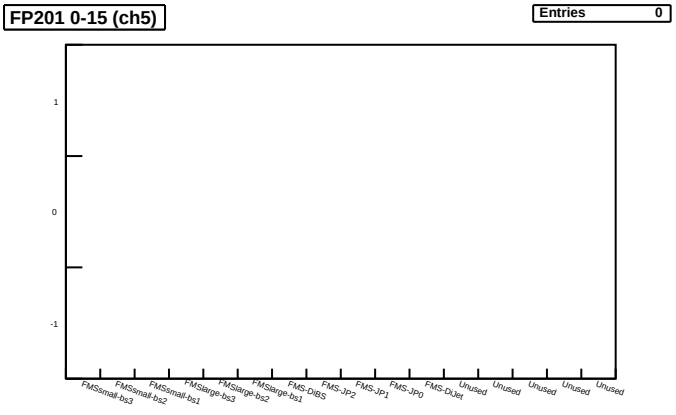

EM201 0-15 (ch3)
Entries 160000
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

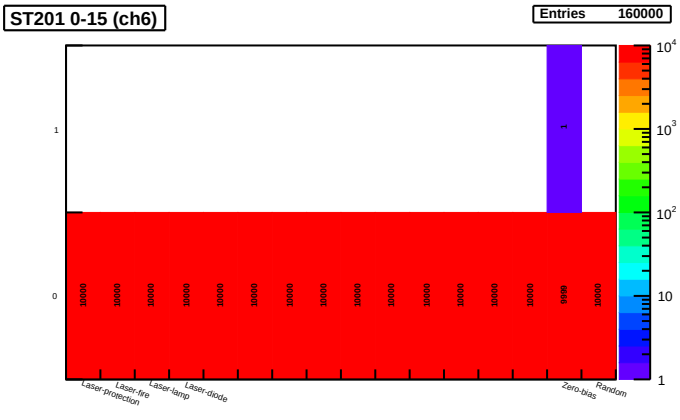

EM201 0-15 (ch3)
Entries 22229
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

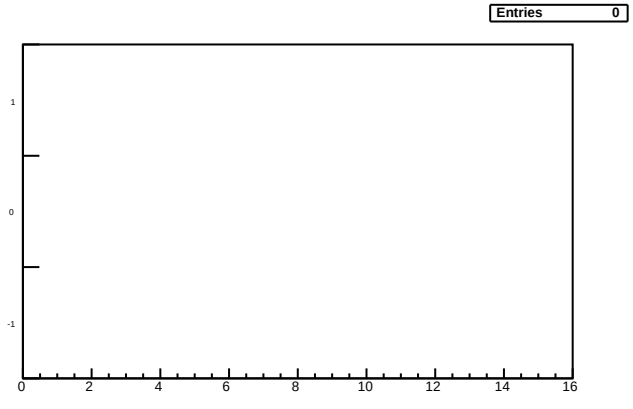

RAT board (ch4)
Entries 160000
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

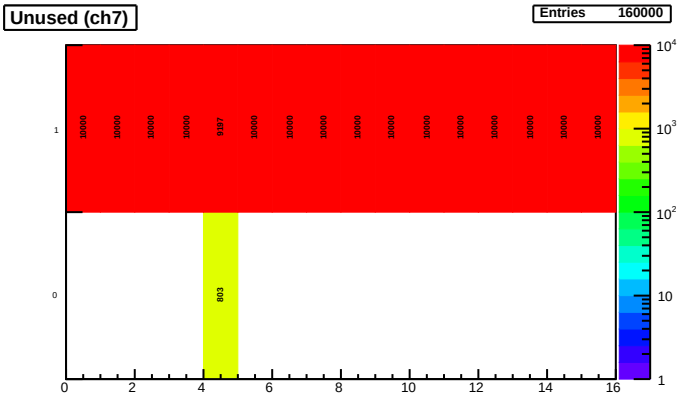

Entries 0

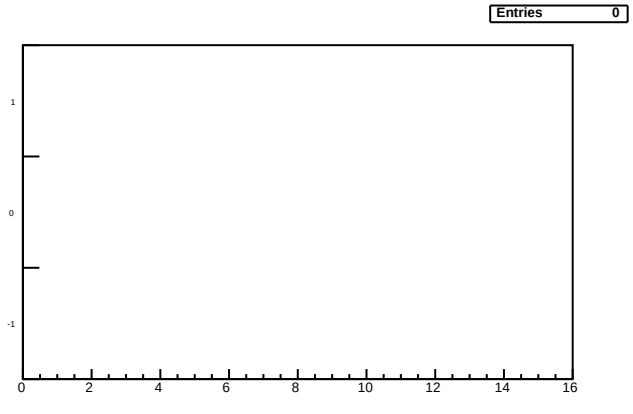

FP201 0-15 (ch5)
Entries 160000
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


FP201 0-15 (ch5)
Entries 0
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


ST201 0-15 (ch6)
Entries 160000
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 160000


Entries 0