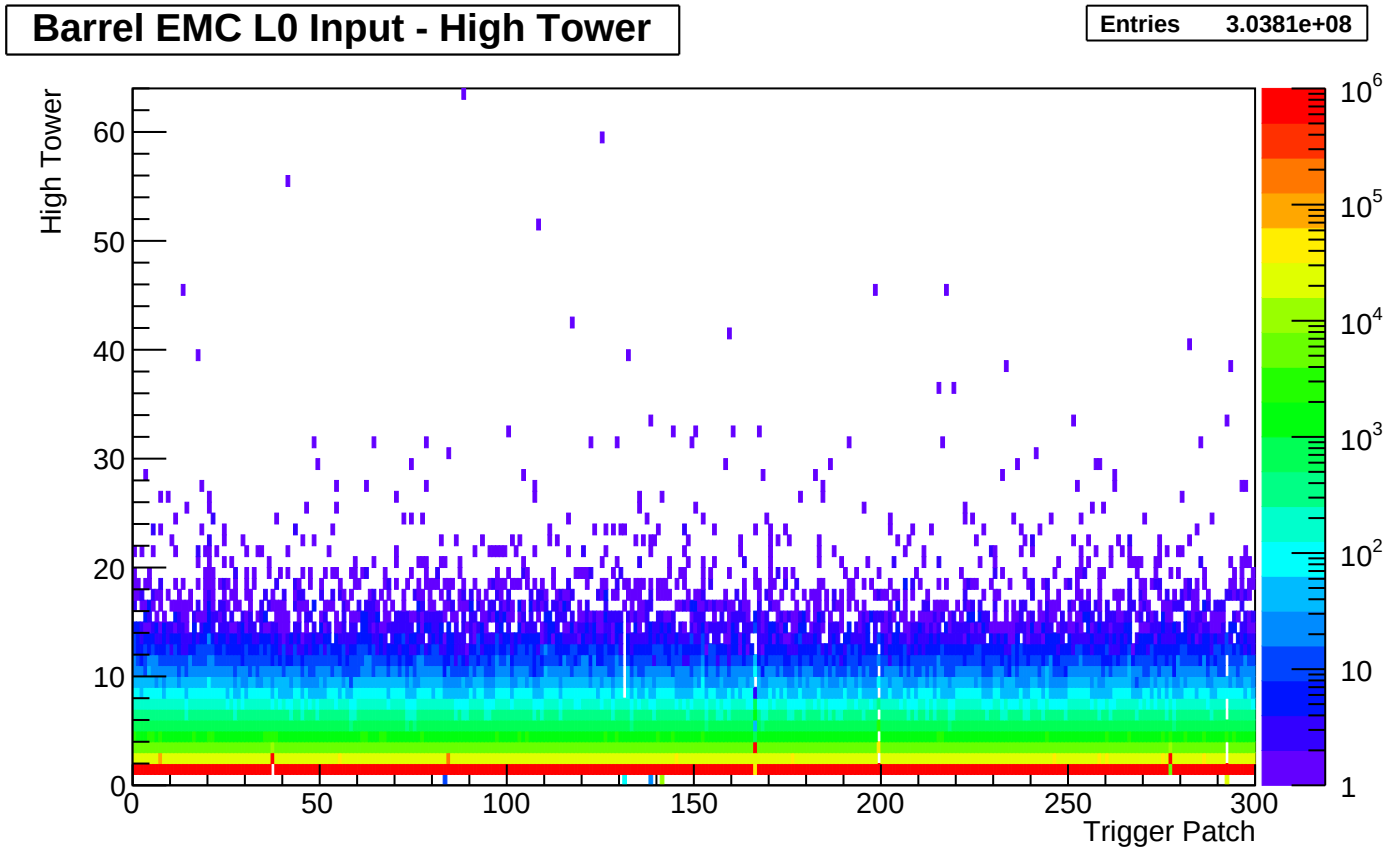
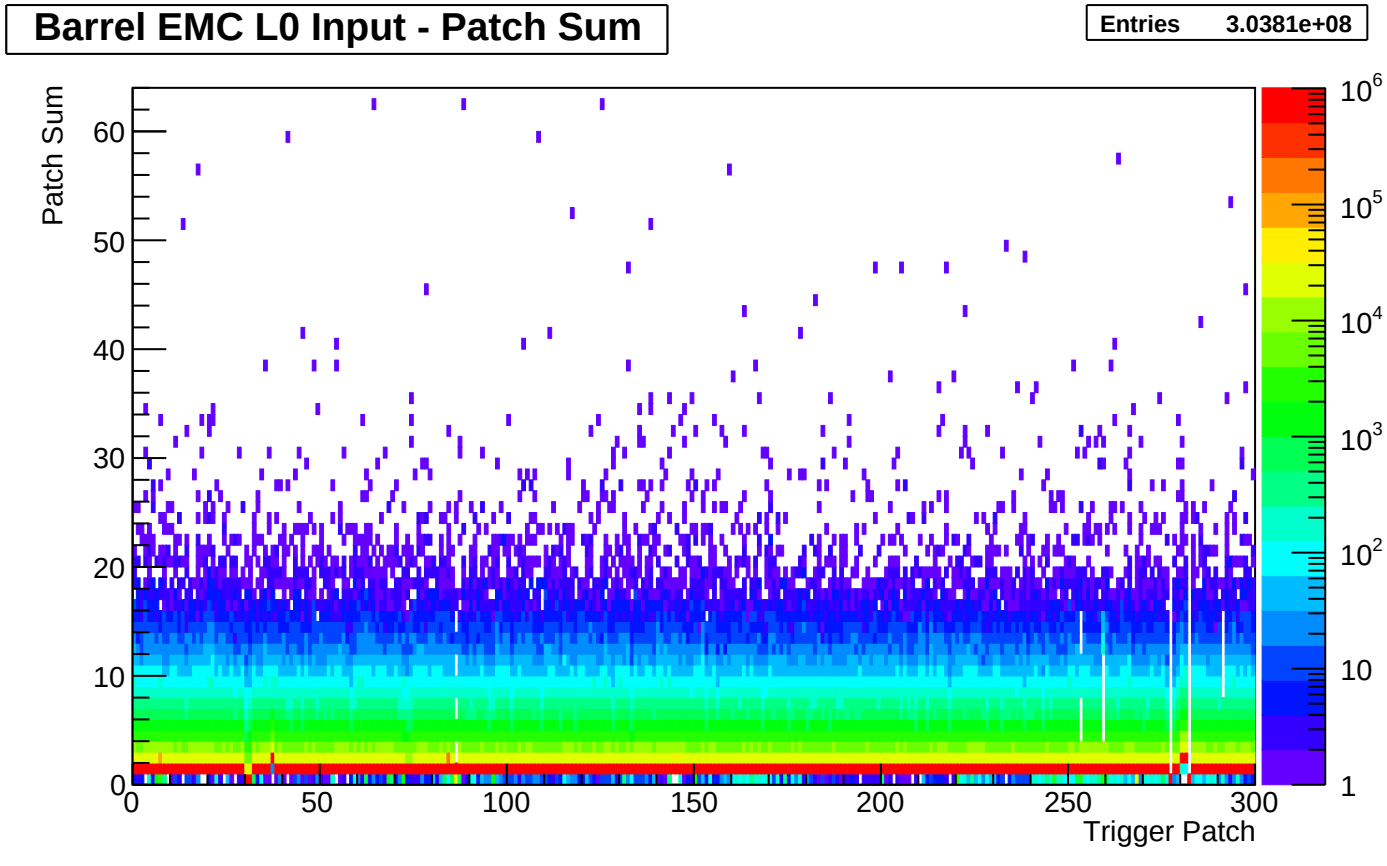
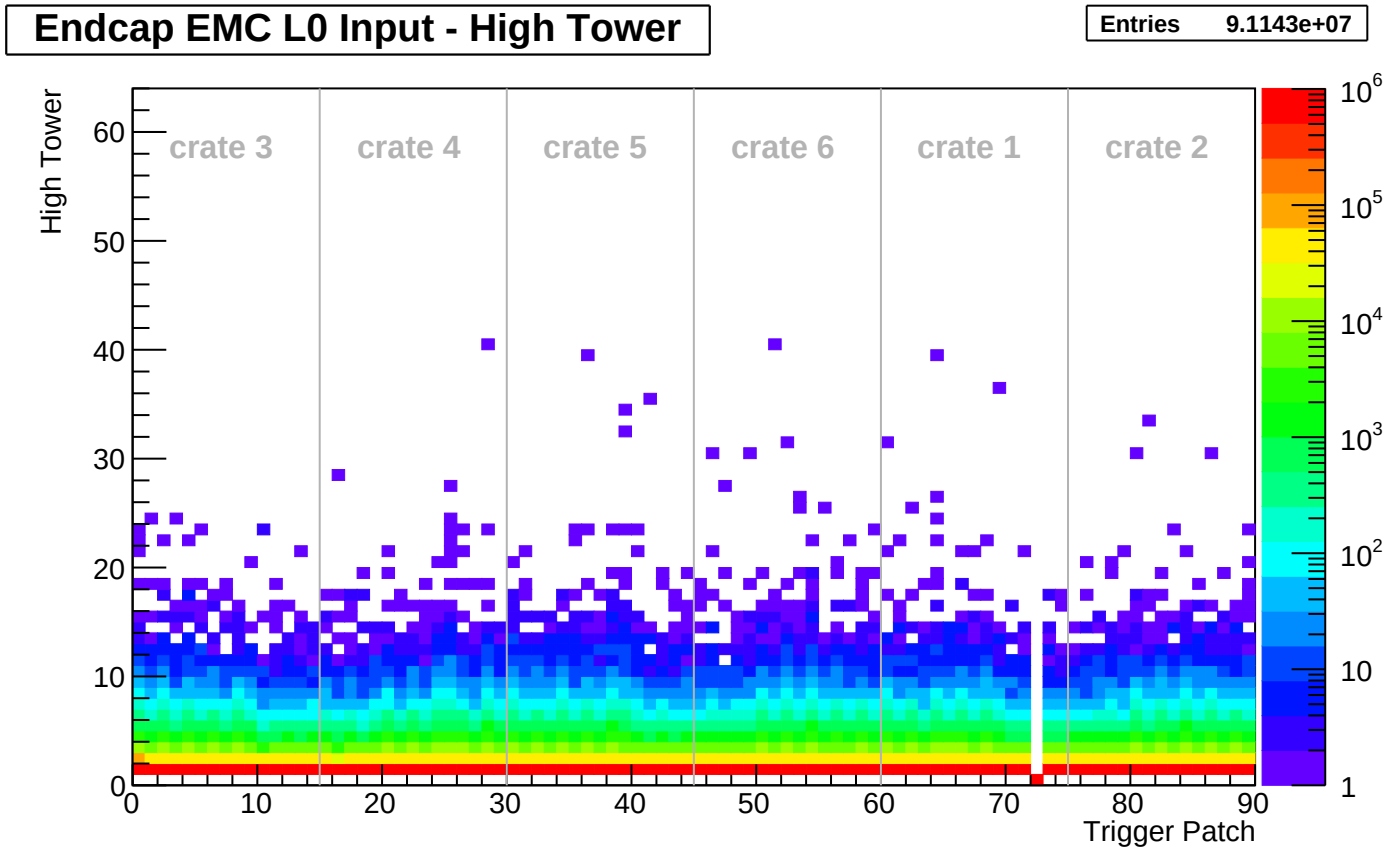
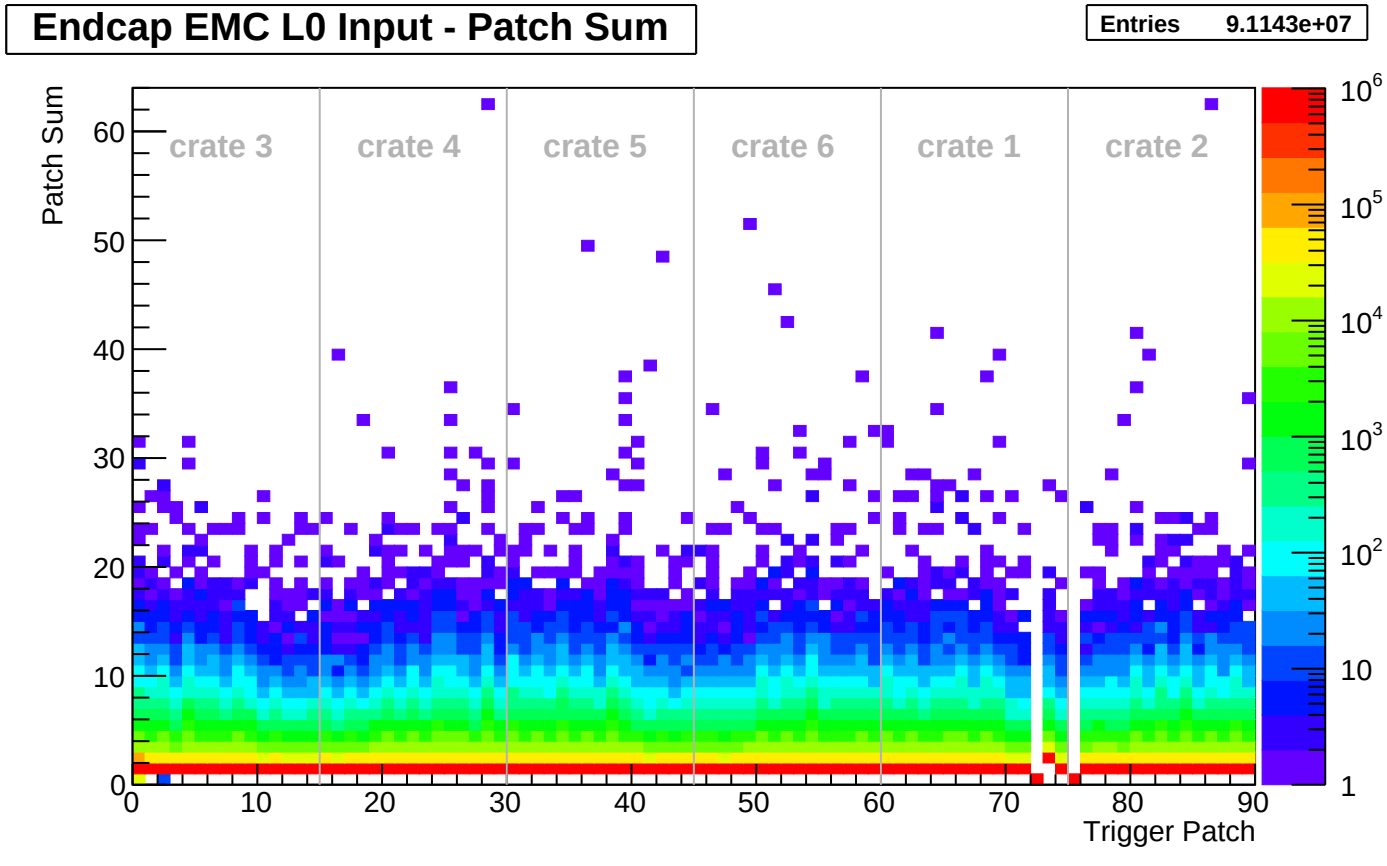
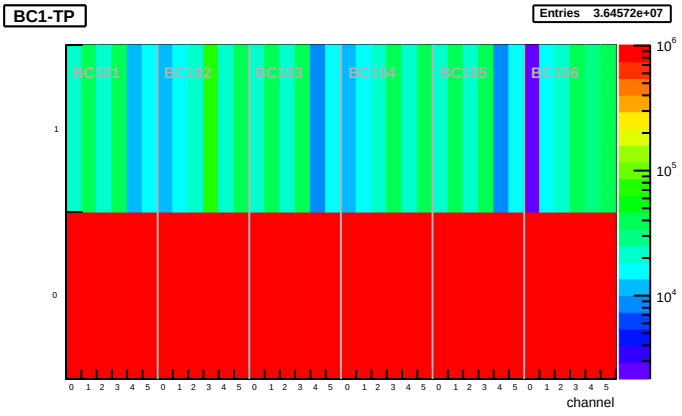
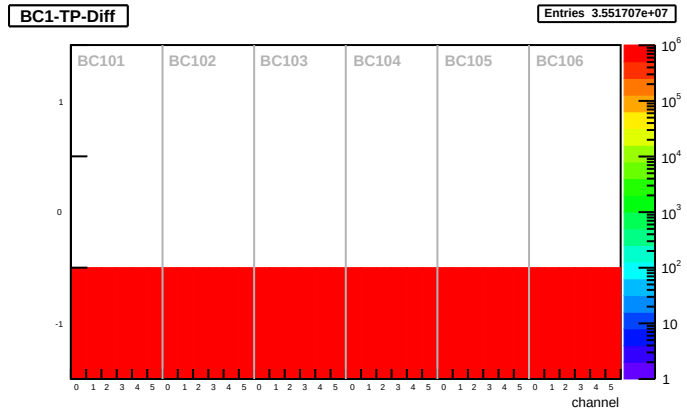

Barrel EMC L0 Input - High Tower
Entries 3.0381e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

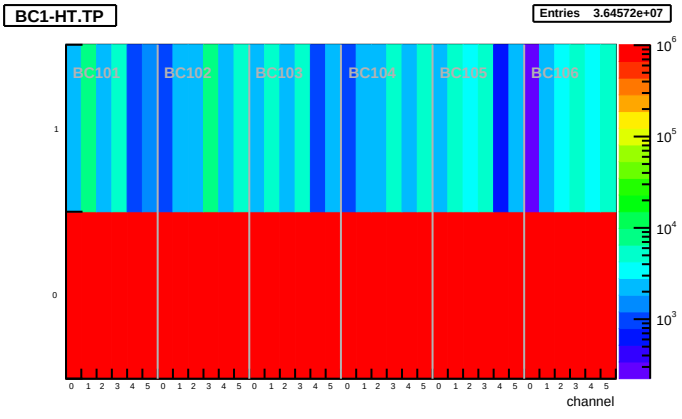

Barrel EMC L0 Input - Patch Sum
Entries 3.0381e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

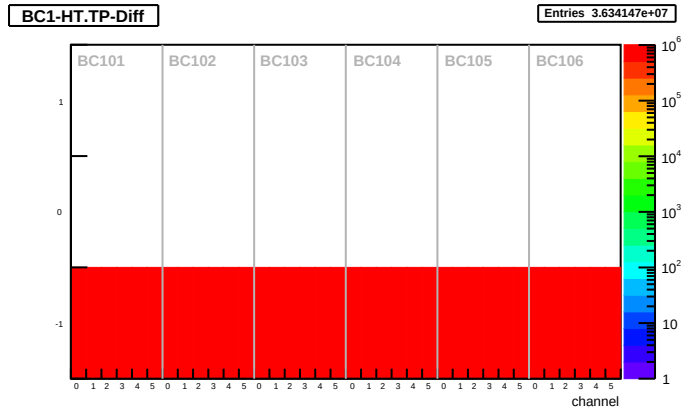

Endcap EMC L0 Input - High Tower
Entries 9.1143e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

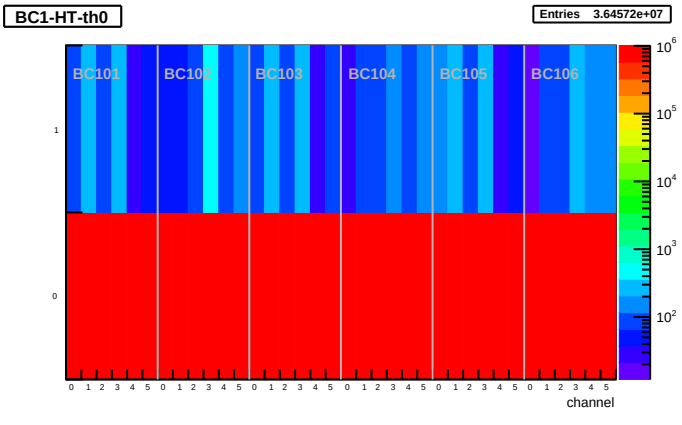

Endcap EMC L0 Input - Patch Sum
Entries 9.1143e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

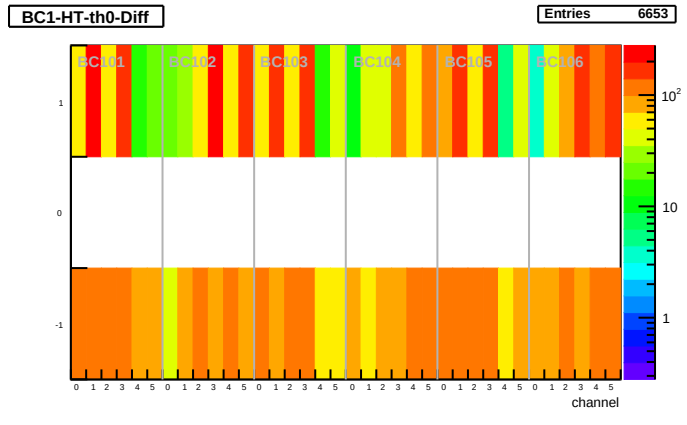

BC1-TP
Entries 3.64572e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

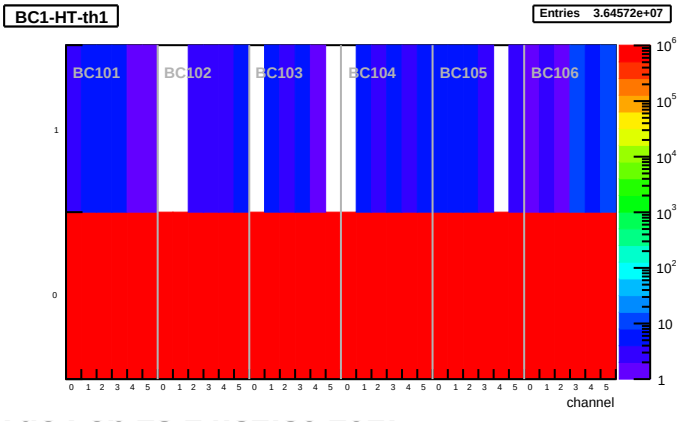

BC1-TP-Diff
Entries 3.551707e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

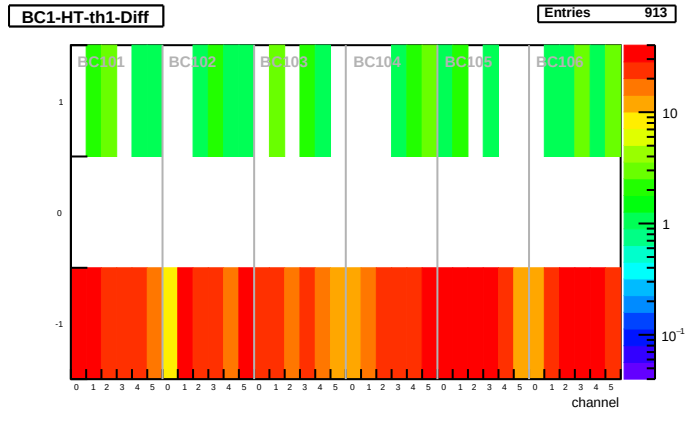

BC1-HT.TP
Entries 3.64572e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

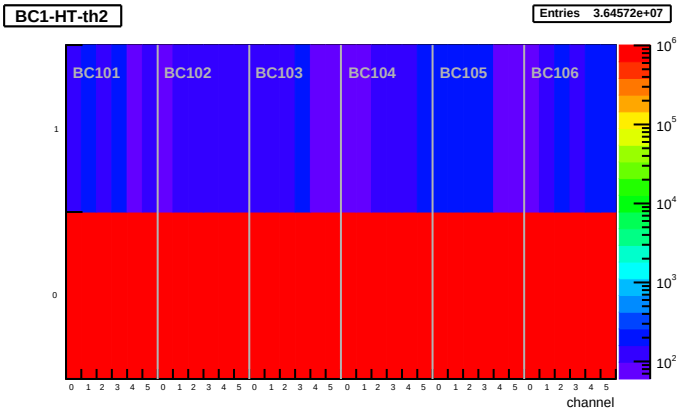

BC1-HT.TP-Diff
Entries 3.634147e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

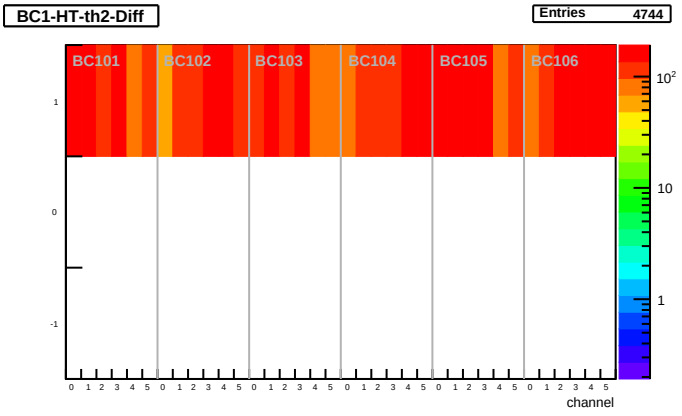

BC1-HT-th0
Entries 3.64572e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

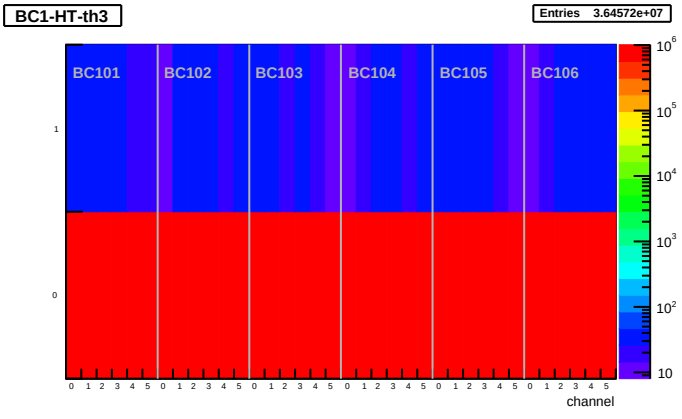

BC1-HT-th0-Diff
Entries 6653
BC101
BC102
BC103
BC104
BC105
BC106
channel

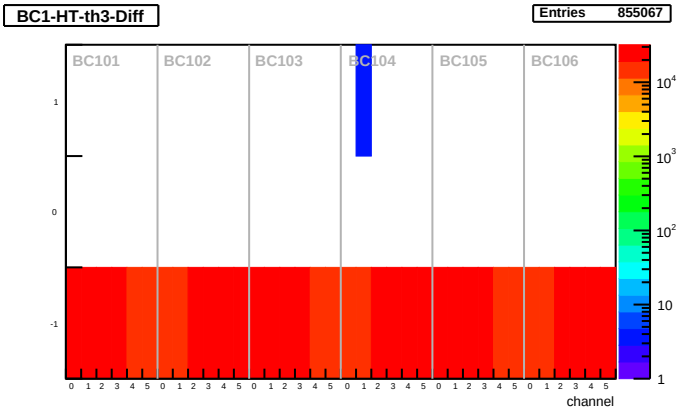

BC1-HT-th1
Entries 3.64572e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

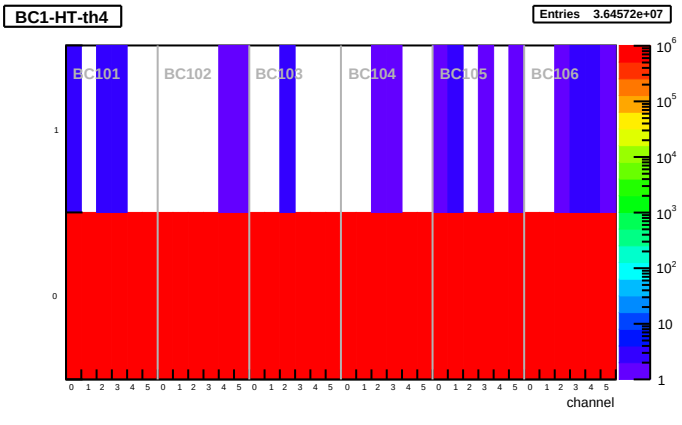

BC1-HT-th1-Diff
Entries 913
BC101
BC102
BC103
BC104
BC105
BC106
channel

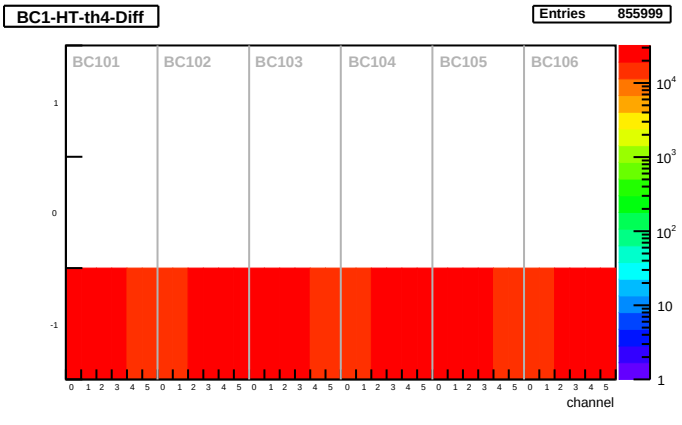

BC1-HT-th2
Entries 3.64572e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

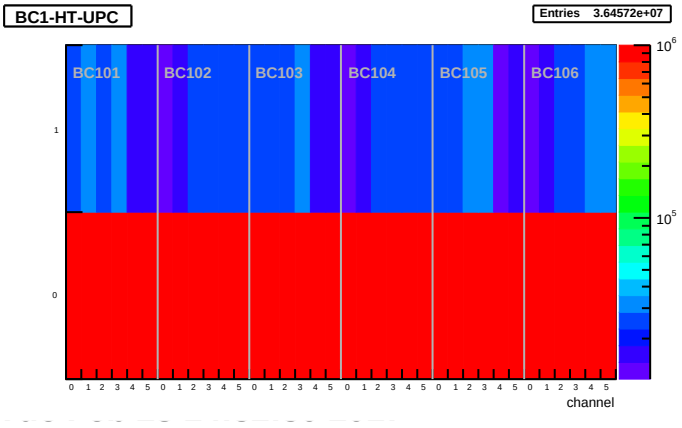

BC1-HT-th2-Diff
Entries 4744
BC101
BC102
BC103
BC104
BC105
BC106
channel

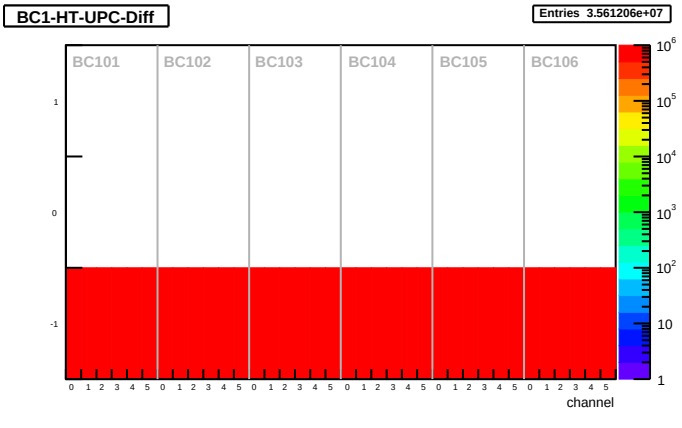

BC1-HT-th3
Entries 3.64572e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

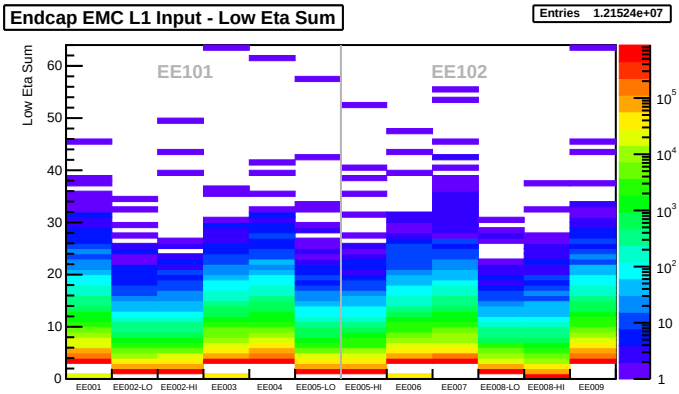

BC1-HT-th3-Diff
Entries 855067
BC101
BC102
BC103
BC104
BC105
BC106
channel

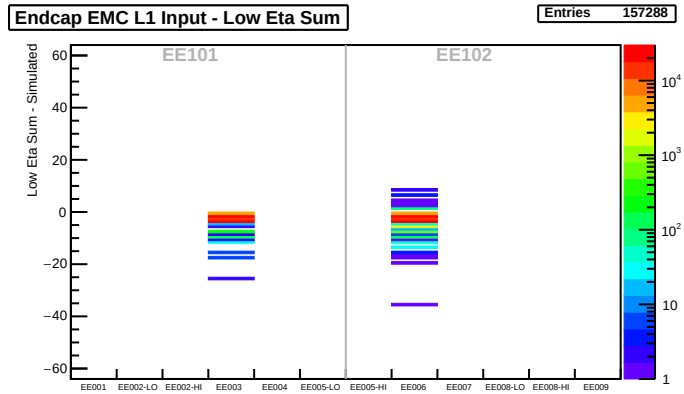

BC1-HT-th4
Entries 3.64572e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

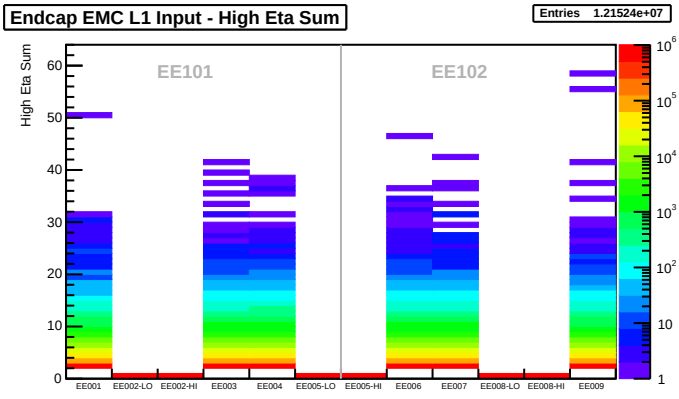

BC1-HT-th4-Diff
Entries 855999
BC101
BC102
BC103
BC104
BC105
BC106
channel

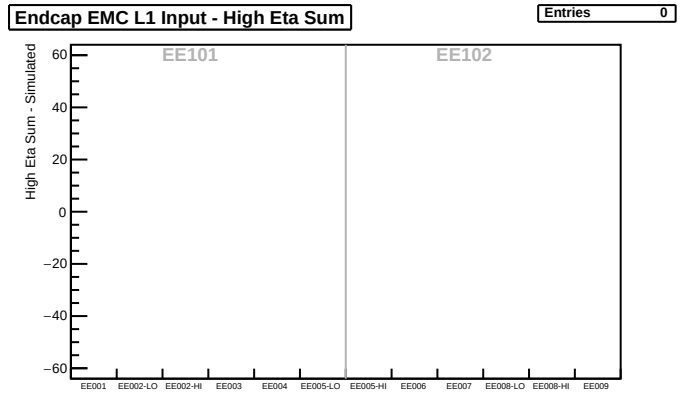

BC1-HT-UPC
Entries 3.64572e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

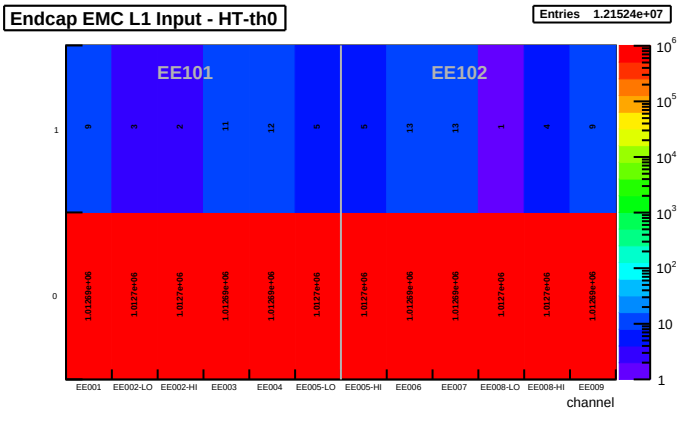

BC1-HT-UPC-Diff
Entries 3.561206e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

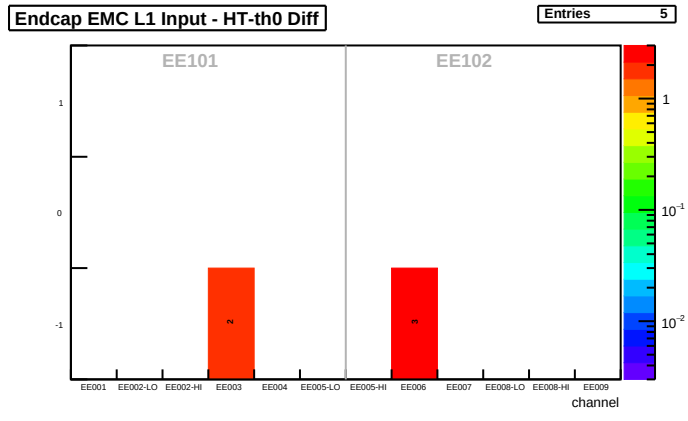

Endcap EMC L1 Input - Low Eta Sum
Entries 1.21524e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

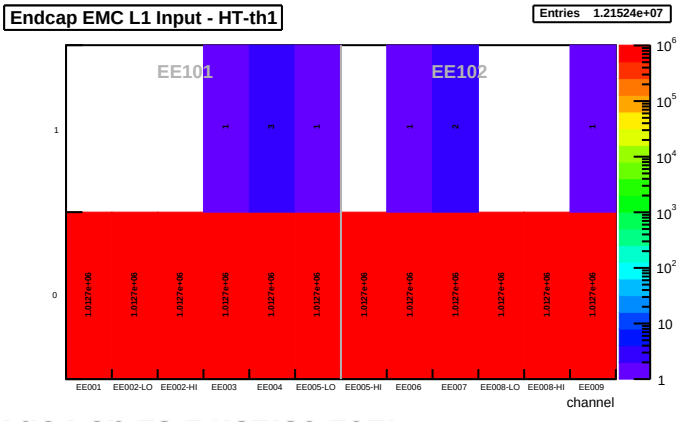

Endcap EMC L1 Input - Low Eta Sum
Entries 157288
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

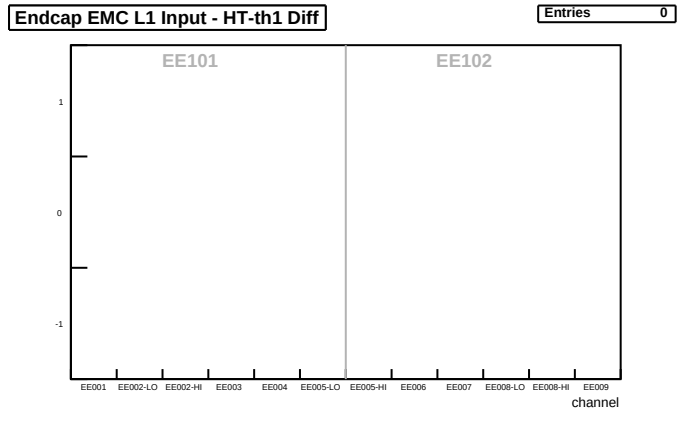

Endcap EMC L1 Input - High Eta Sum
Entries 1.21524e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

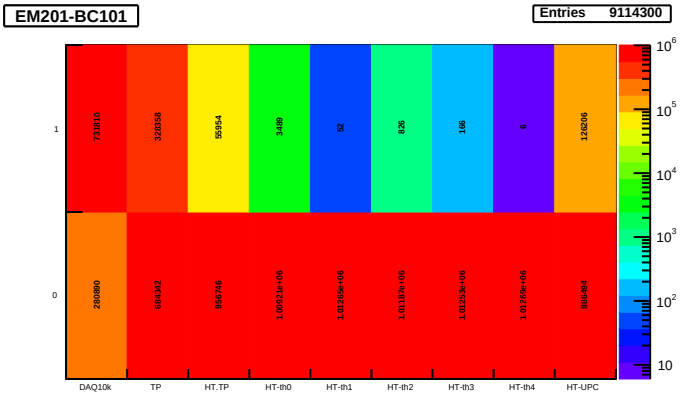

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

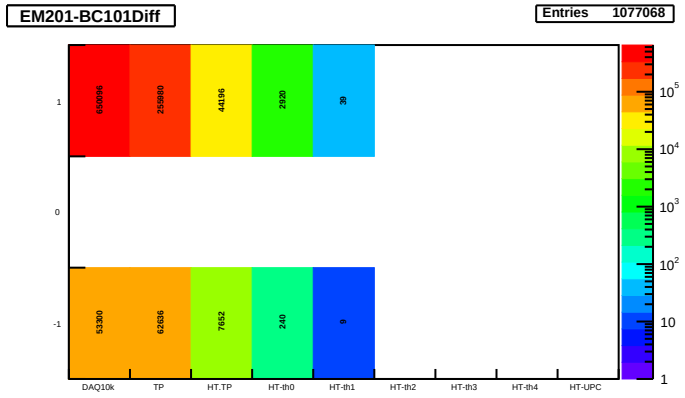

Endcap EMC L1 Input - HT-th0
Entries 1.21524e+07
EE101
EE102
channel

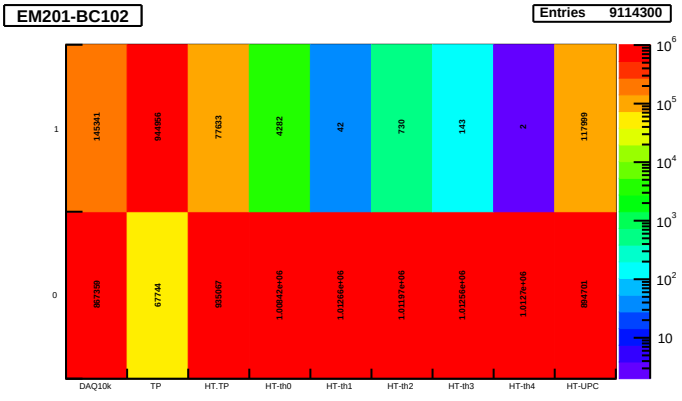

Endcap EMC L1 Input - HT-th0 Diff
Entries 5
EE101
EE102
channel

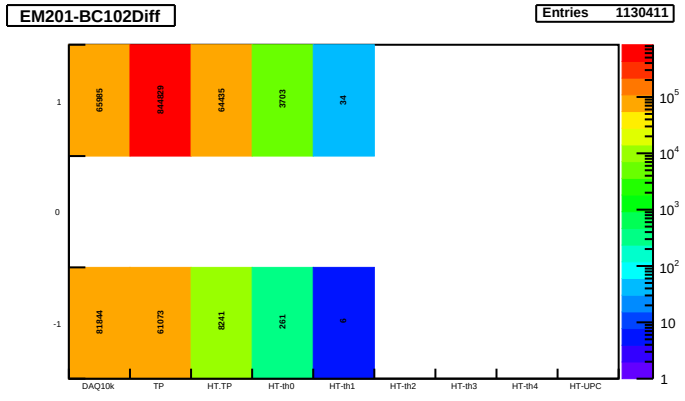

Endcap EMC L1 Input - HT-th1
Entries 1.21524e+07
EE101
EE102
channel

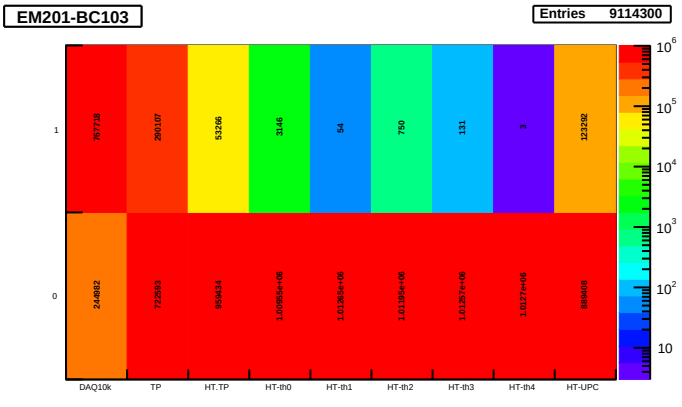

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
channel

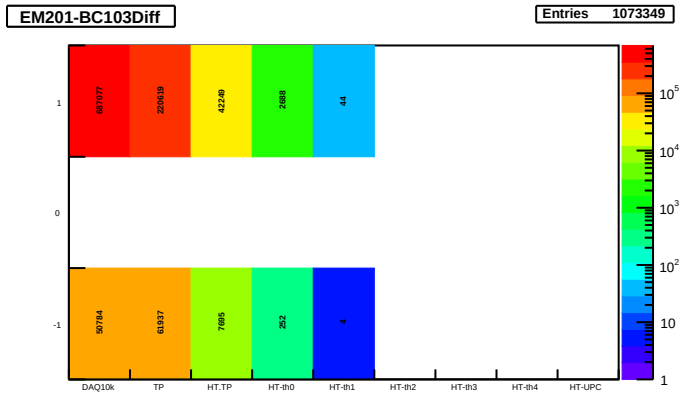

EM201-BC101
Entries 9114300
1
0
731810
328858
59954
3489
52
825
166
6
126206
280880
684342
956746
1.00921e+06
1.01265e+06
1.01187e+06
1.01253e+06
1.01268e+06
886404
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4
10^3
10^2
10

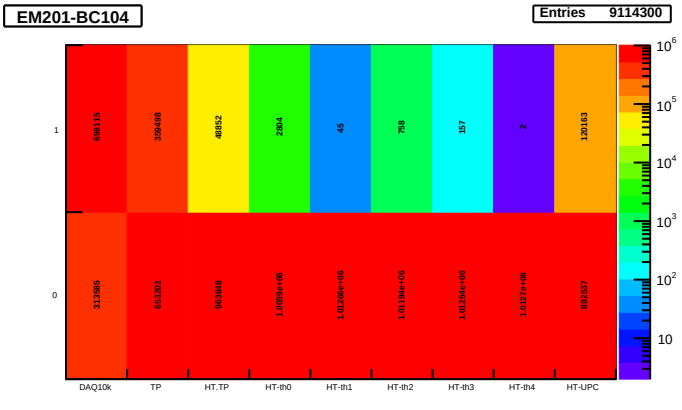

EM201-BC101Diff
Entries 1077068
1
0
-1
650096
259980
44196
2920
39
53300
62636
7652
240
9
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

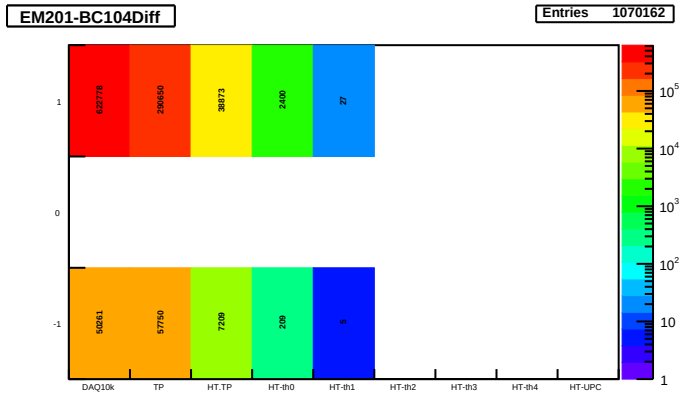

EM201-BC102
Entries 9114300
1
0
145341
944956
77633
4282
42
739
143
2
117999
867339
67744
955067
1.00942e+06
1.01266e+06
1.01197e+06
1.01256e+06
1.0127e+06
894701
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4
10^3
10^2
10


EM201-BC102Diff
Entries 1130411
1
0
-1
65985
844829
64435
3703
34
81844
61073
8241
261
6
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

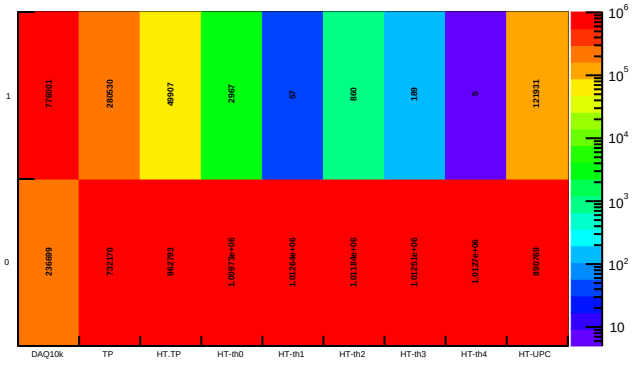

EM201-BC103
Entries 9114300
1
0
767718
290107
53266
3146
54
750
131
3
123292
244932
722593
959434
1.00955e+06
1.01265e+06
1.01195e+06
1.01257e+06
1.0127e+06
889408
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4
10^3
10^2
10


EM201-BC103Diff
Entries 1073349
1
0
-1
687077
220619
42240
2688
44
50784
61937
7885
252
4
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

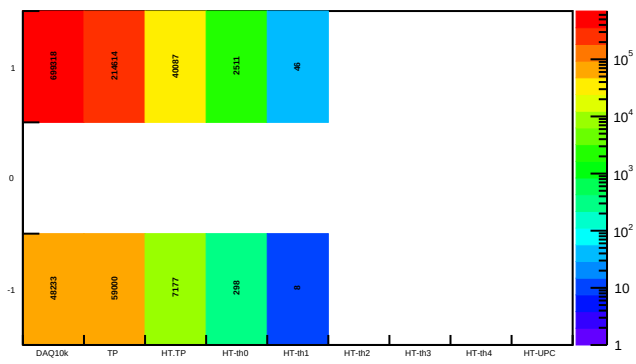

EM201-BC104
Entries 9114300
1
0
689115
359498
48852
2884
45
758
157
2
120163
313985
653202
963948
1.0099e+06
1.01266e+06
1.01194e+06
1.01254e+06
1.0127e+06
892337
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^6
10^5
10^4
10^3
10^2
10


EM201-BC104Diff
Entries 1070162
1
0
-1
622776
290650
38873
2400
27
50251
57750
7209
209
5
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

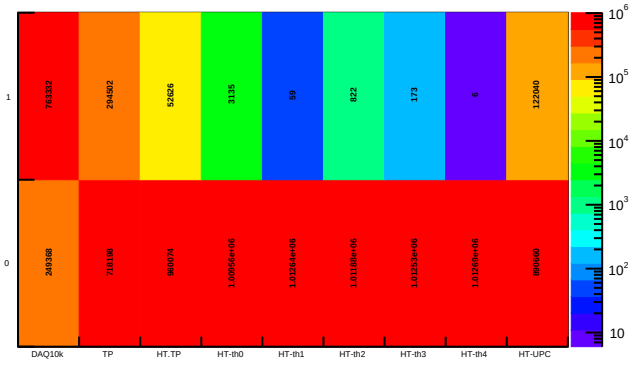
EM201-BC105 Entries 9114300



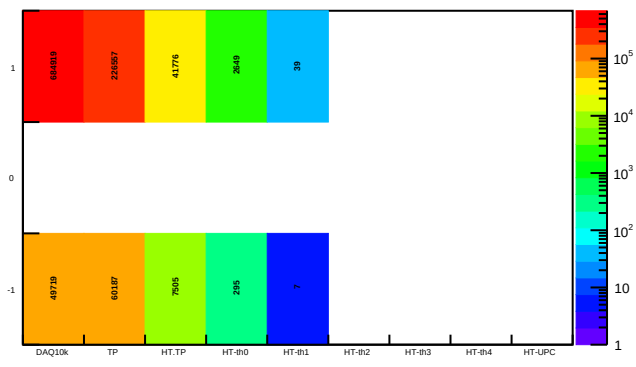
EM201-BC105Diff Entries 1071292



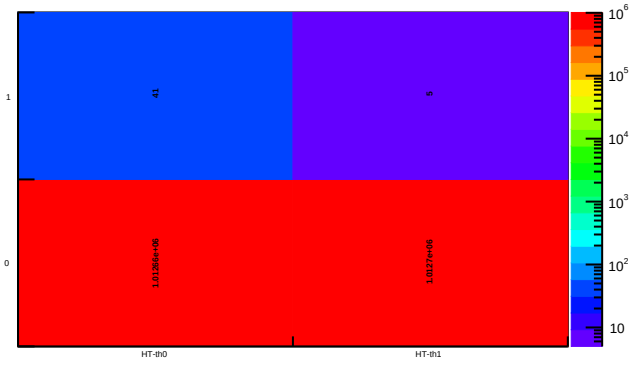
EM201-BC106 Entries 9114300



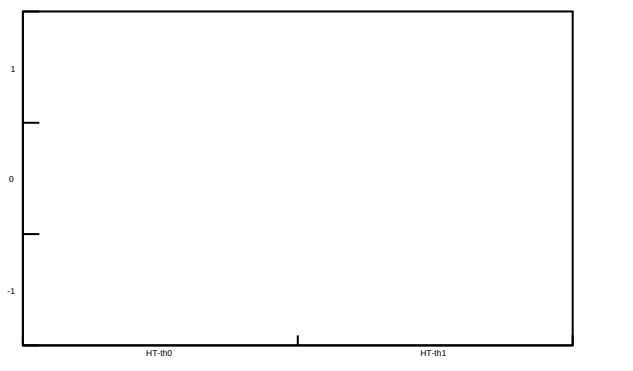
EM201-BC106Diff Entries 1073653



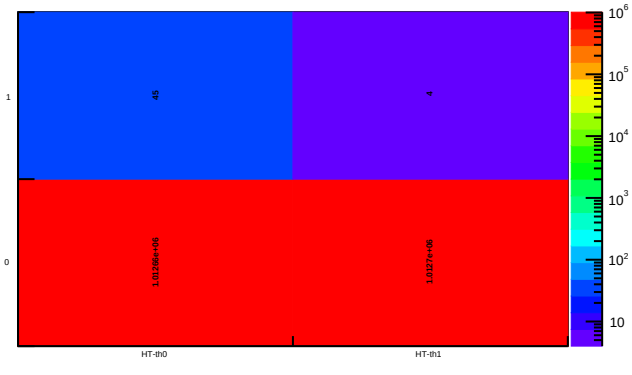
EM201-EE101 Entries 2025400



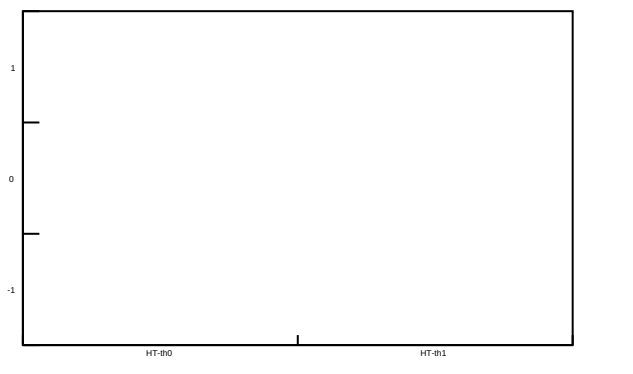
EM201-EE101Diff Entries 0

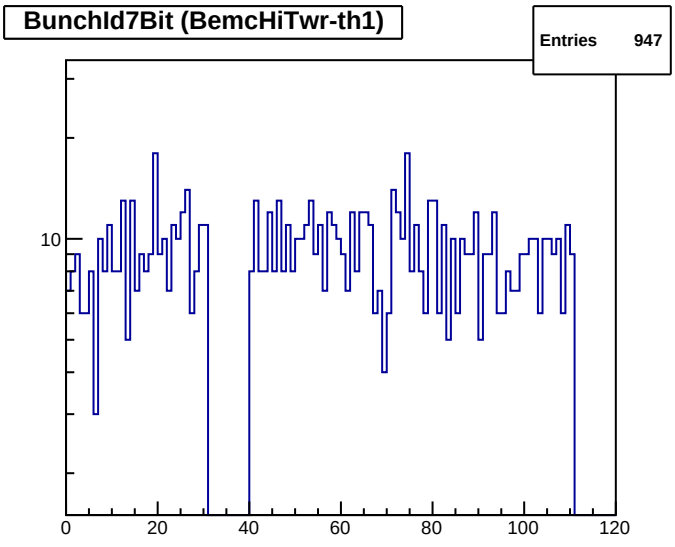


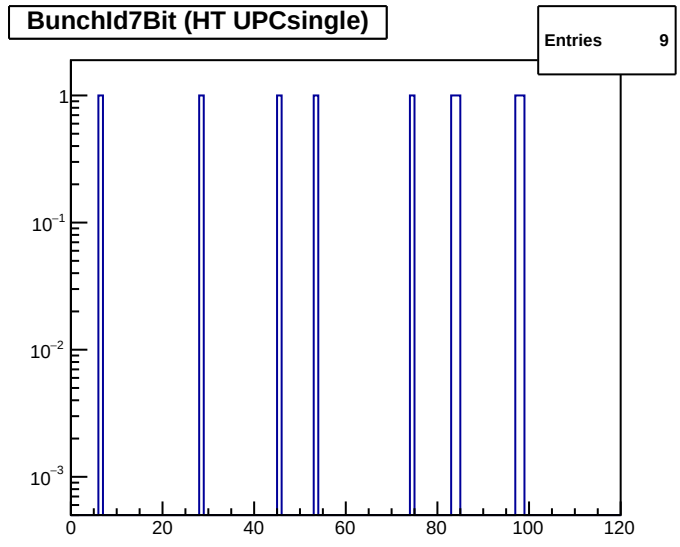
EM201-EE102 Entries 2025400

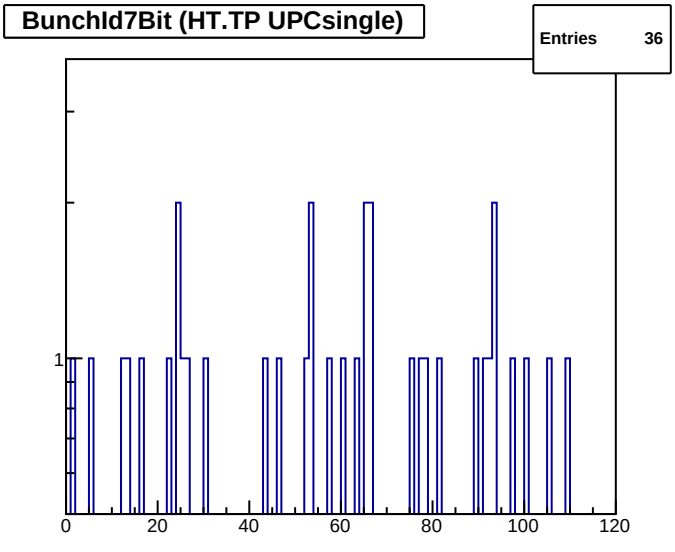


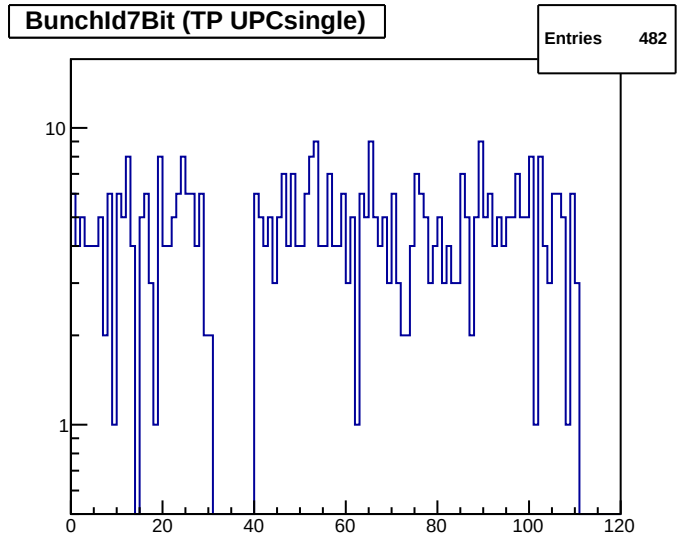
EM201-EE102Diff Entries 0

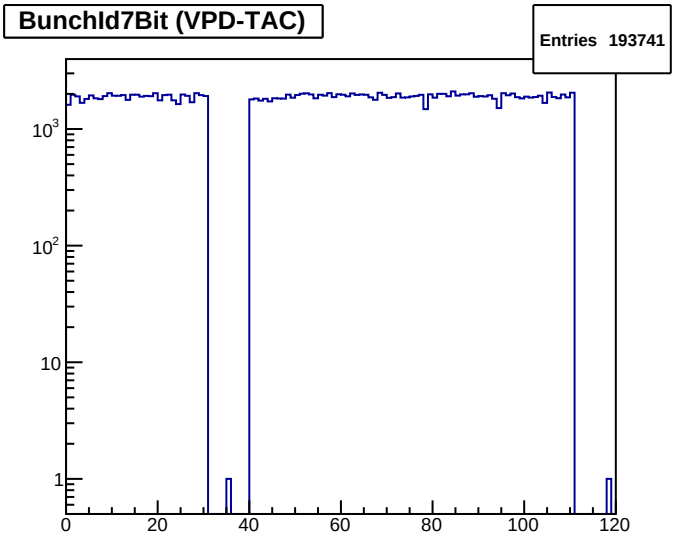


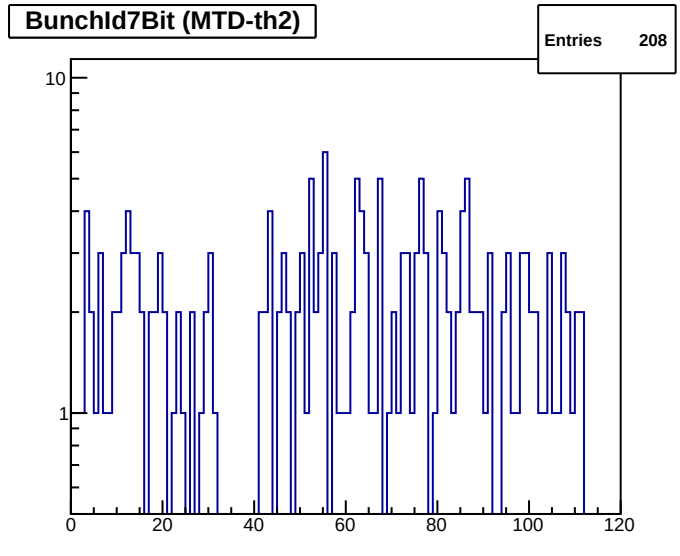

BunchId7Bit (BemcHiTwr-th1)
Entries 947
10
0 20 40 60 80 100 120

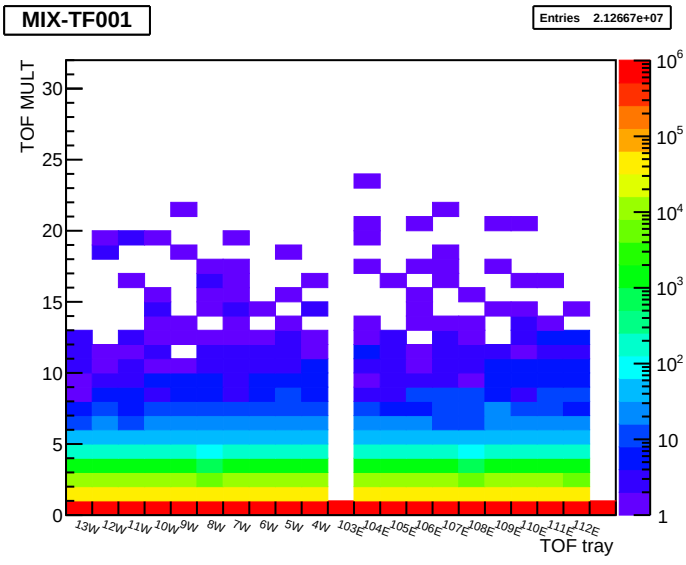

BunchId7Bit (HT UPCsingle)
Entries 9
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

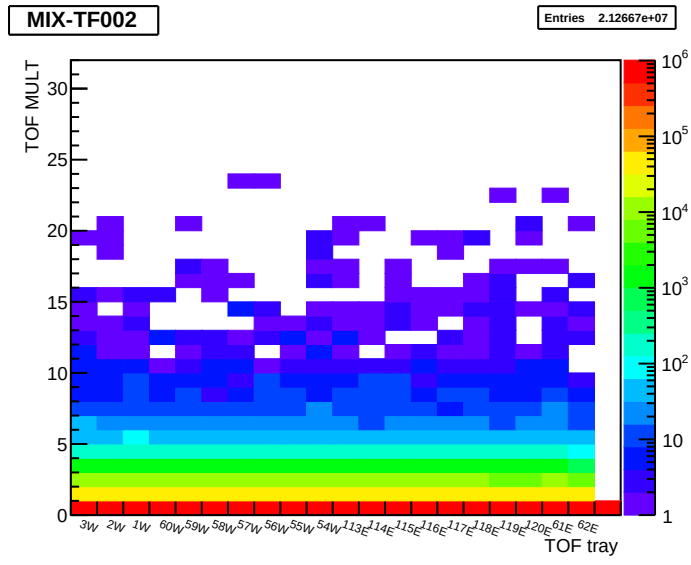

BunchId7Bit (HT.TP UPCsingle)
Entries 36
1
0 20 40 60 80 100 120

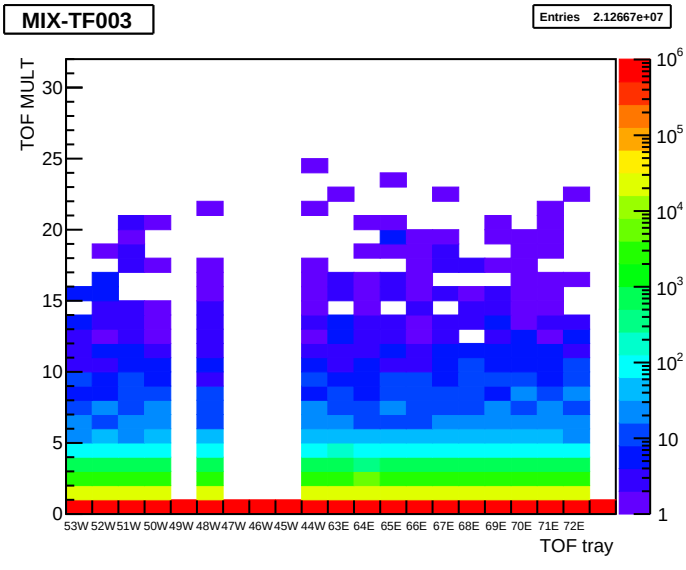

BunchId7Bit (TP UPCsingle)
Entries 482
10
1
0 20 40 60 80 100 120

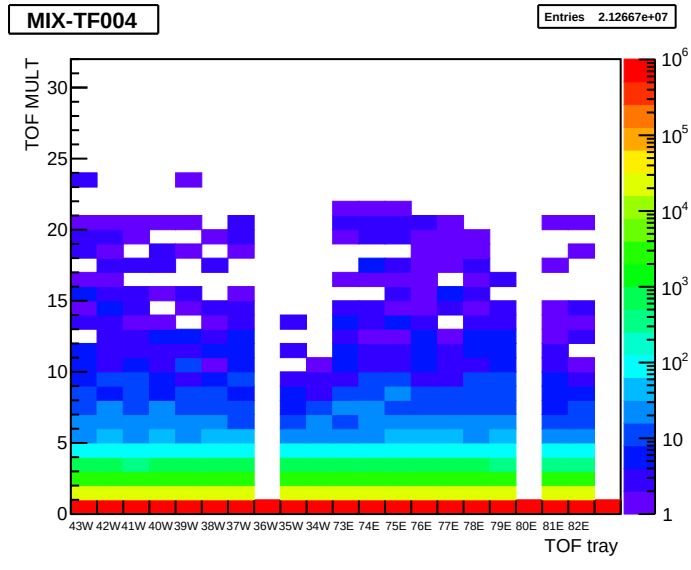

BunchId7Bit (VPD-TAC)
Entries 193741
10^3
10^2
10
1
0 20 40 60 80 100 120

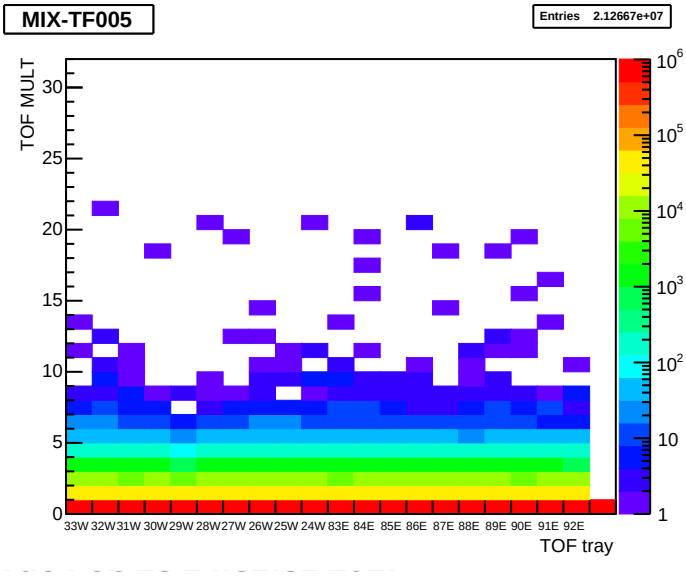

BunchId7Bit (MTD-th2)
Entries 208
10
1
0 20 40 60 80 100 120

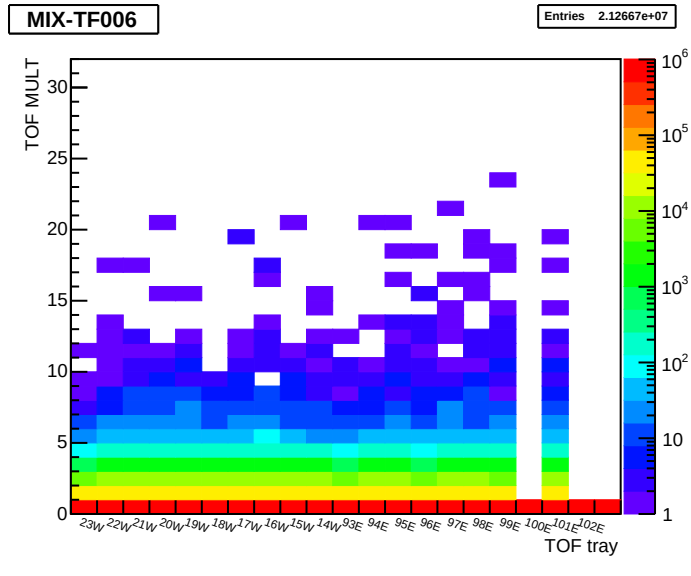

MIX-TF001
Entries 2.12667e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

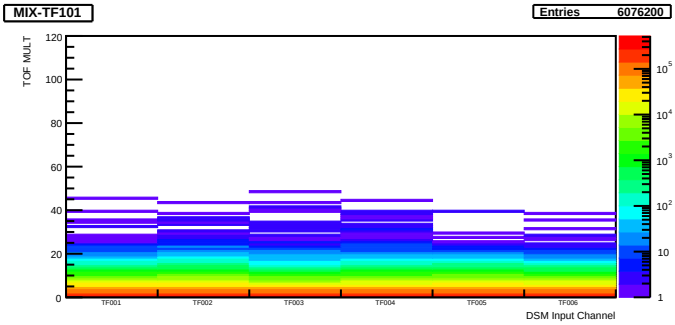

MIX-TF002
Entries 2.12667e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

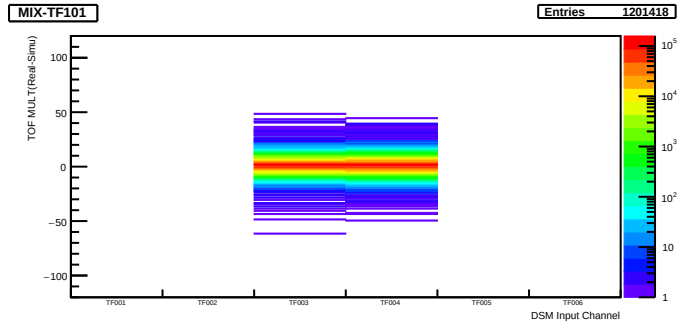

MIX-TF003
Entries 2.12667e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

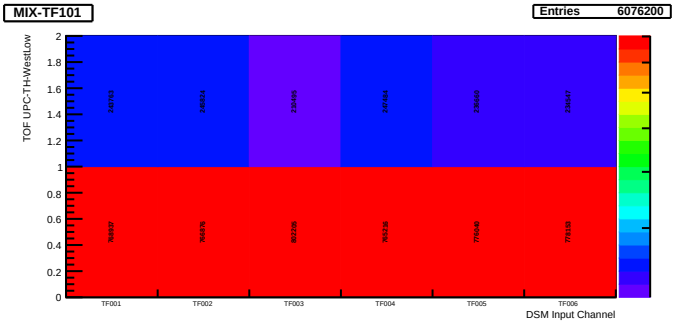

MIX-TF004
Entries 2.12667e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

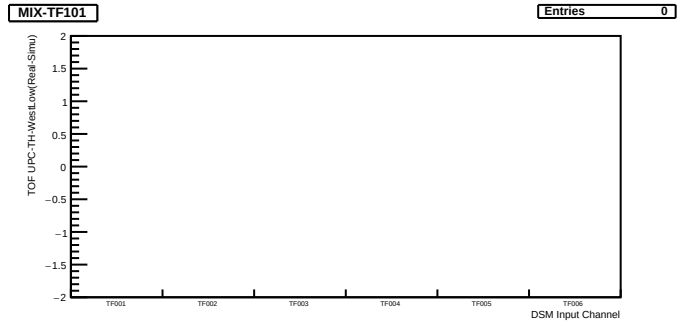

MIX-TF005
Entries 2.12667e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

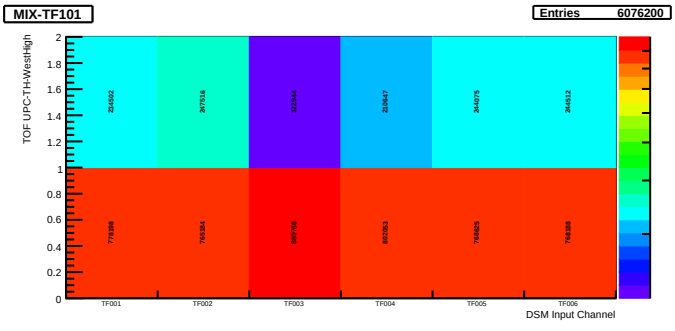

MIX-TF006
Entries 2.12667e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

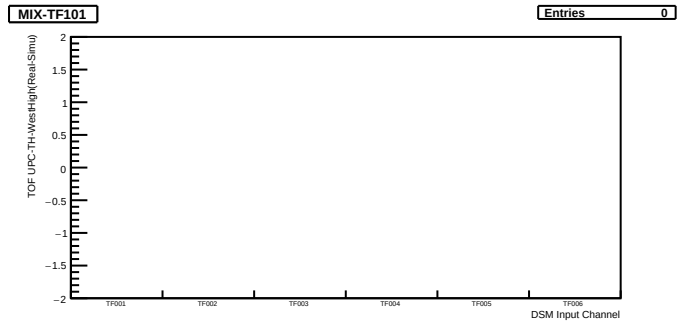

MIX-TF101
Entries 6076200
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

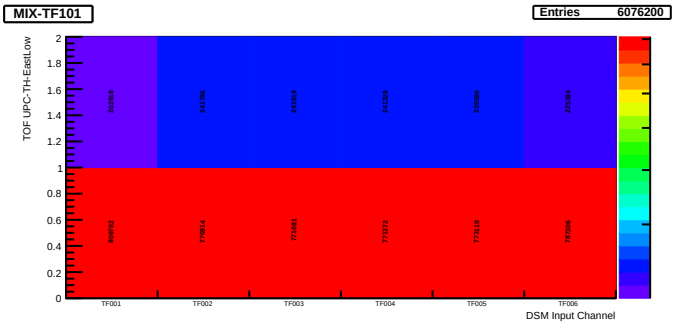

MIX-TF101
Entries 1201418
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

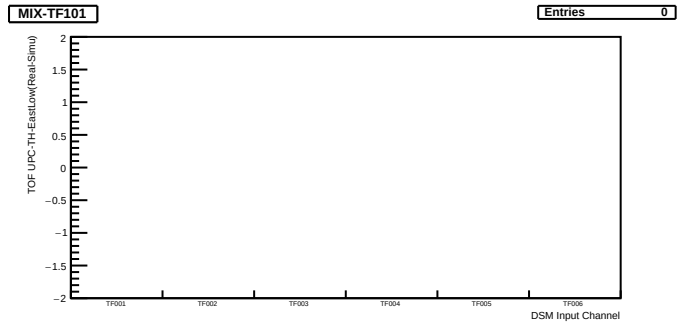

MIX-TF101
Entries 6076200
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

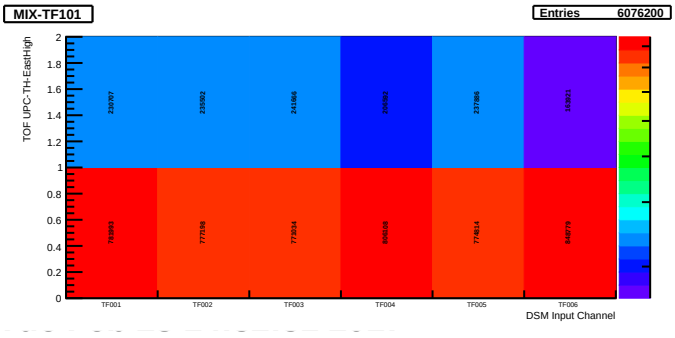

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

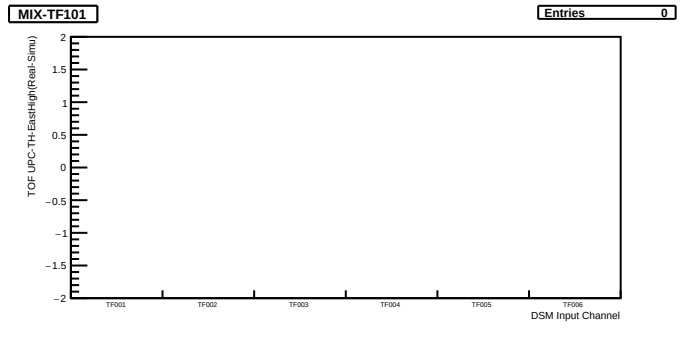

MIX-TF101
Entries 6076200
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

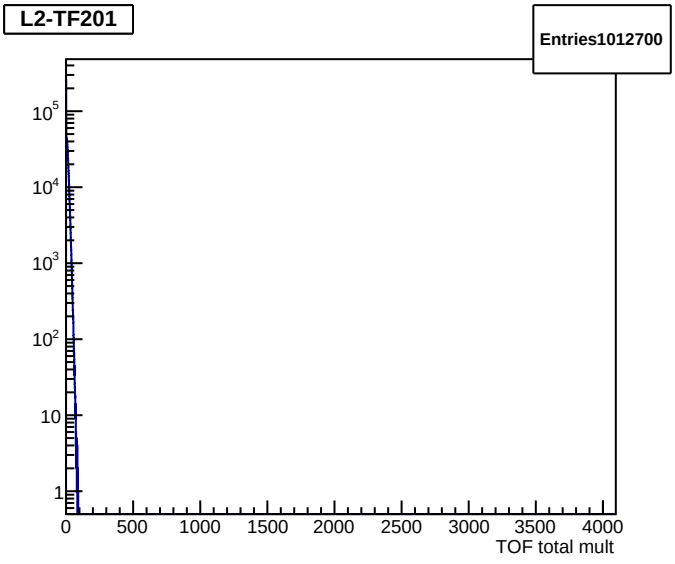

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

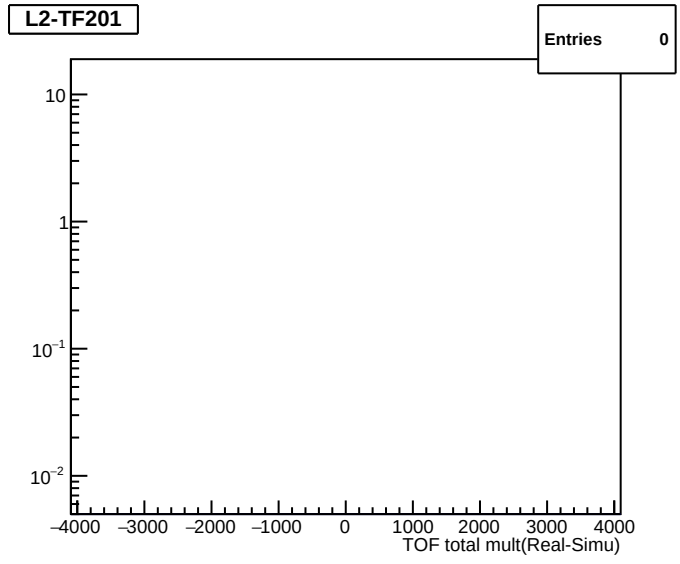

MIX-TF101
Entries 6076200
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

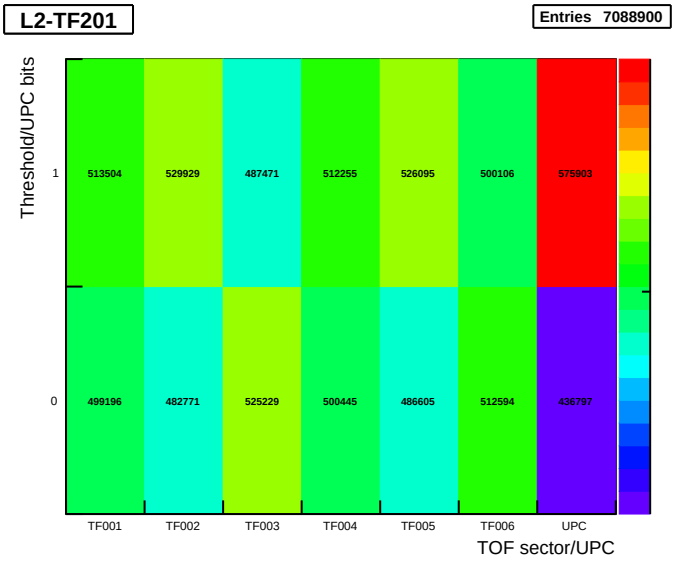

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

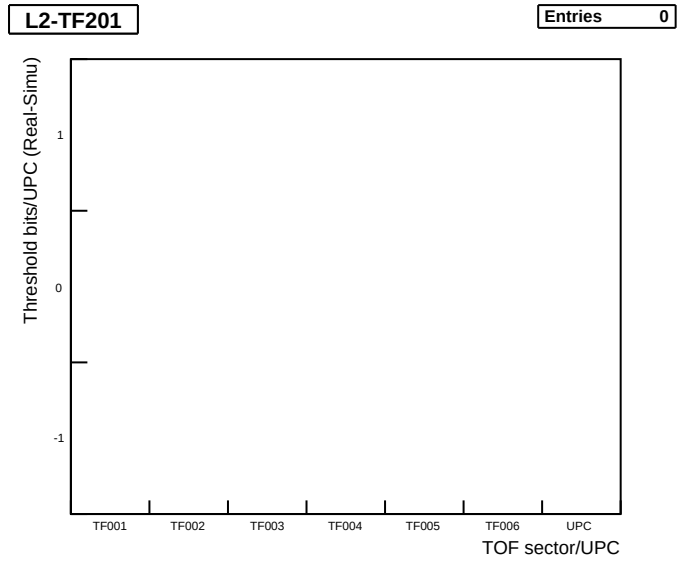

MIX-TF101
Entries 6076200
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

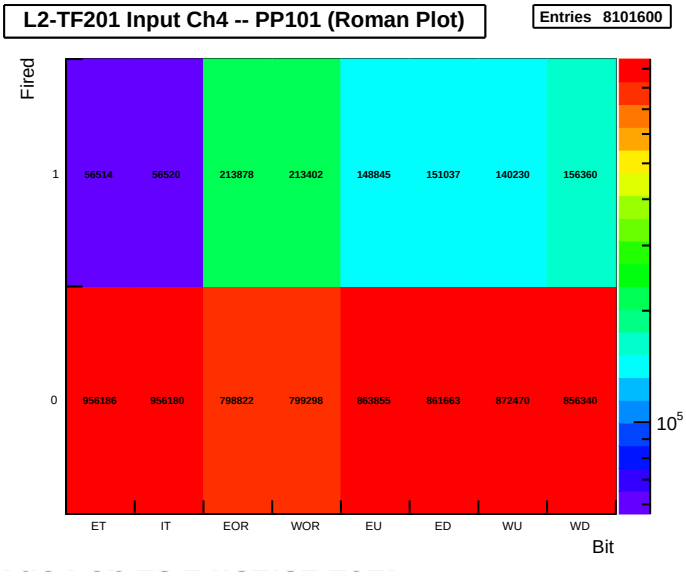

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

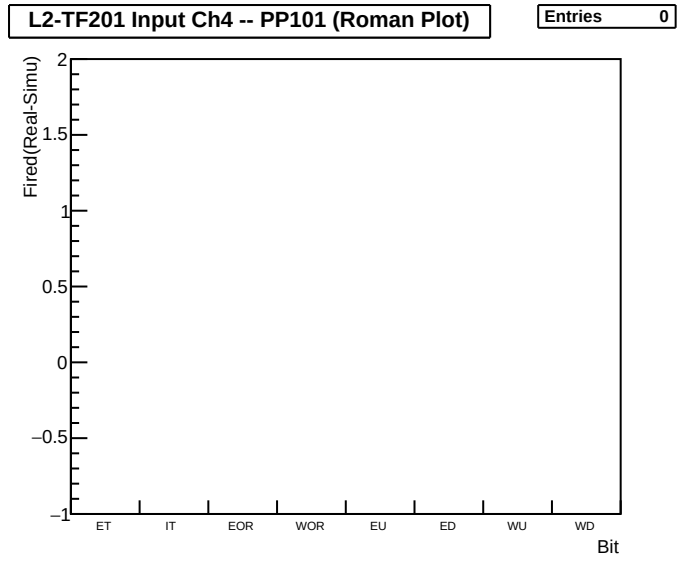

L2-TF201
Entries1012700
TOF total mult

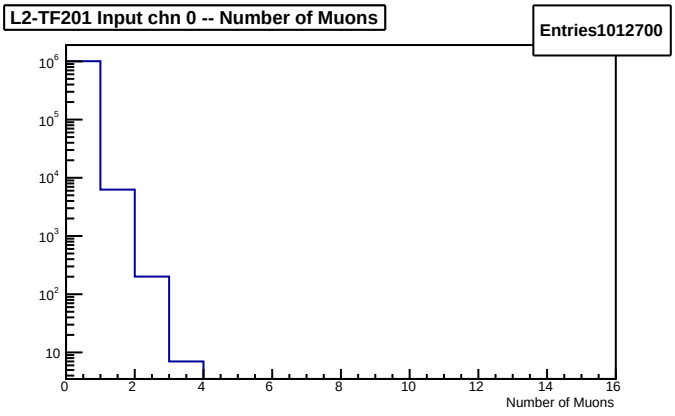

L2-TF201
Entries 0
TOF total mult(Real-Simu)

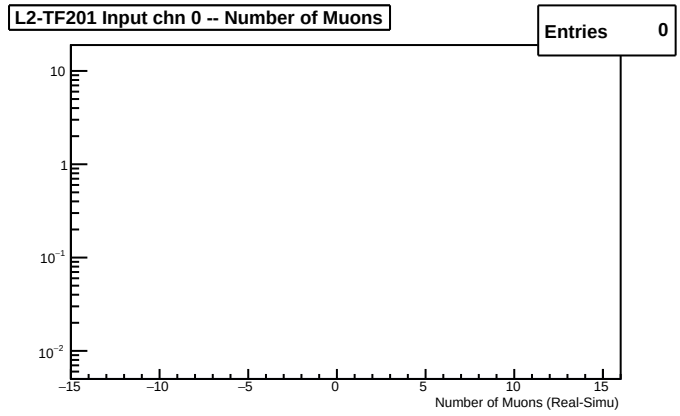

L2-TF201
Entries 7088900
Threshold/UPC bits
513504 529929 487471 512255 526095 500106 575903
499196 482771 525229 500445 486605 512594 436797
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

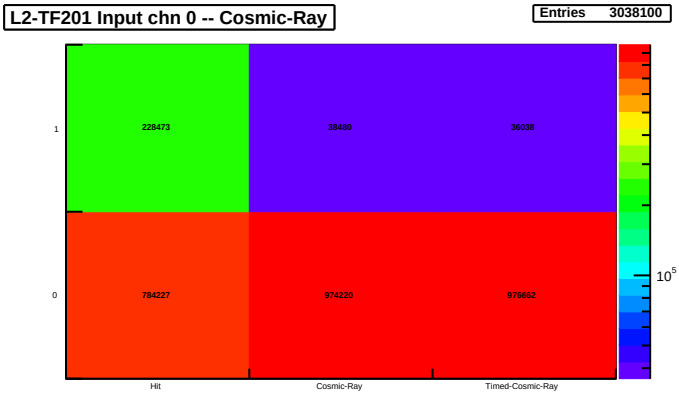

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

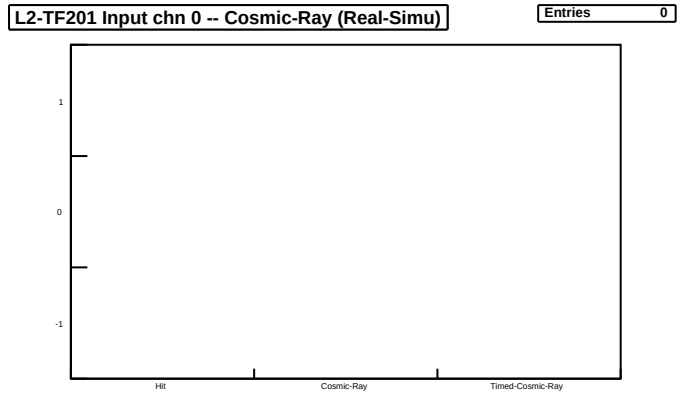

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 8101600
Fired
56514 56520 213878 213402 148845 151037 140230 156360
956186 956180 798822 799298 863855 861663 872470 856340
ET IT EOR WOR EU ED WU WD
Bit

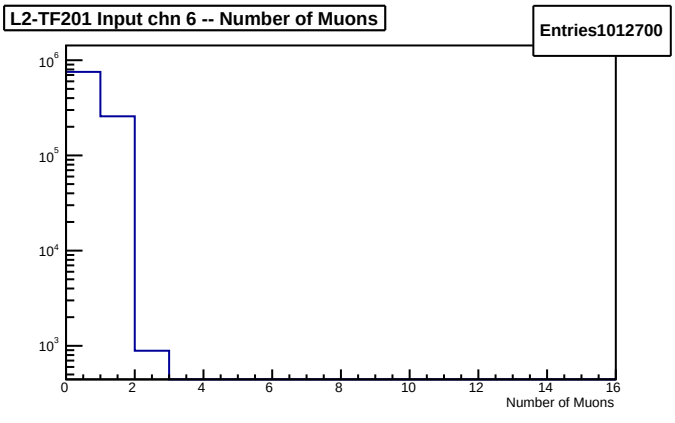

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

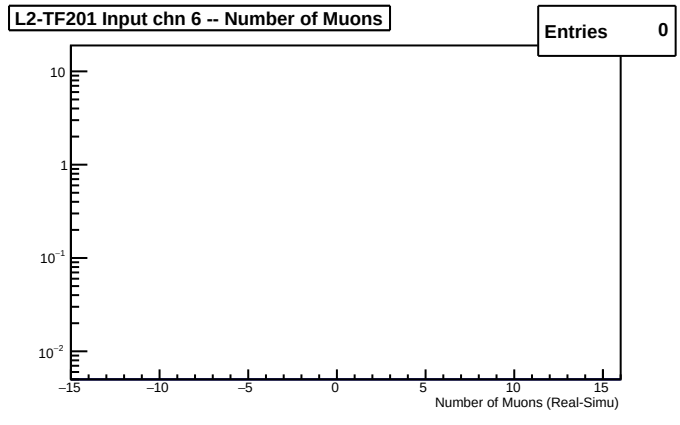

L2-TF201 Input chn 0 -- Number of Muons
Entries1012700
Number of Muons

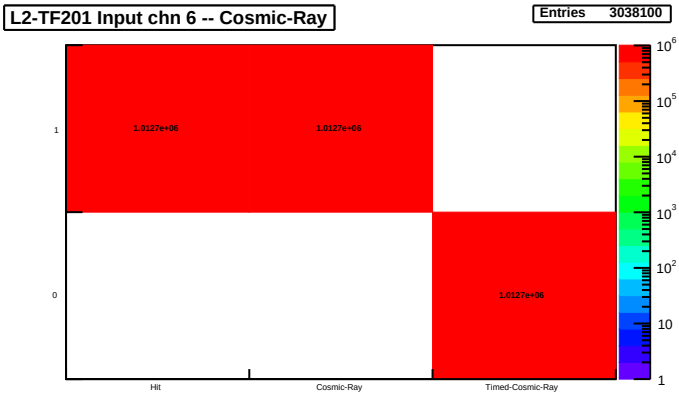

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

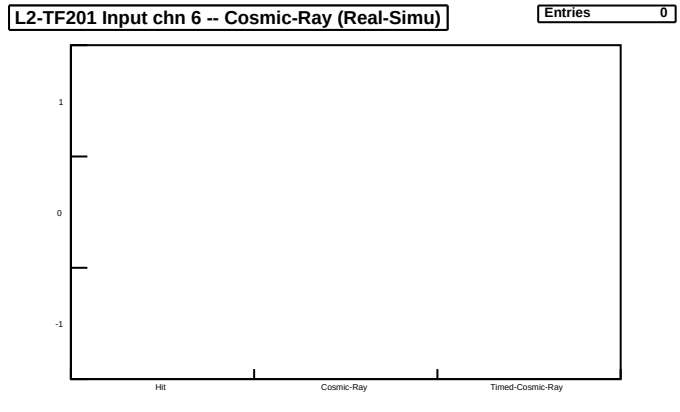

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 3038100
228473
38480
36038
784227
974220
976662
Hit
Cosmic-Ray
Timed-Cosmic-Ray

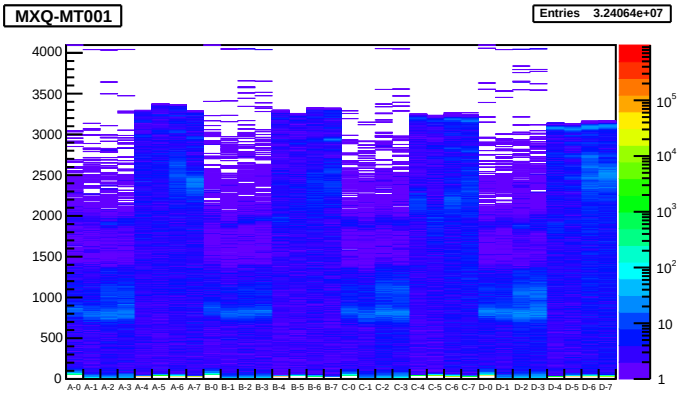

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

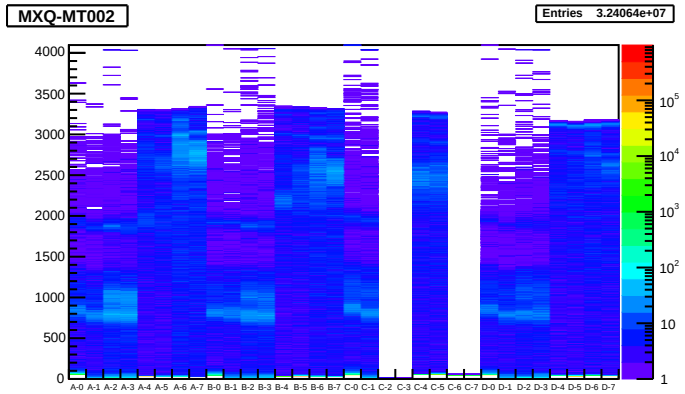

L2-TF201 Input chn 6 -- Number of Muons
Entries1012700
Number of Muons

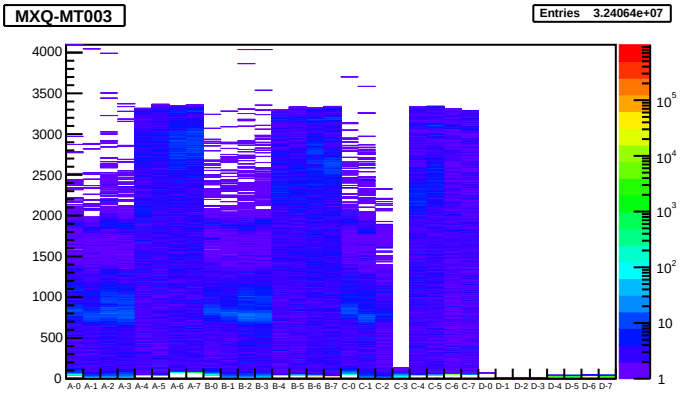

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

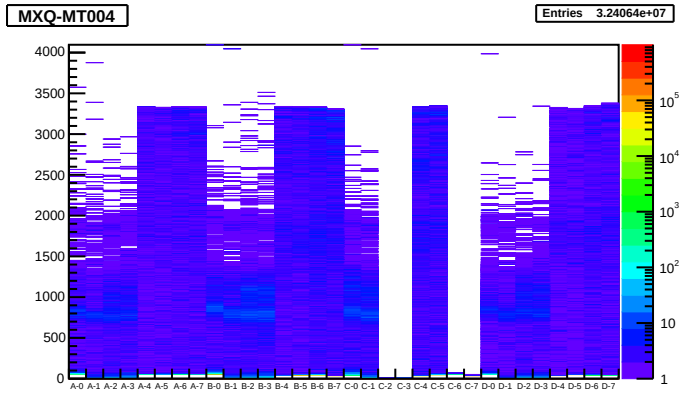

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 3038100
1.0127e+06
1.0127e+06
1.0127e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

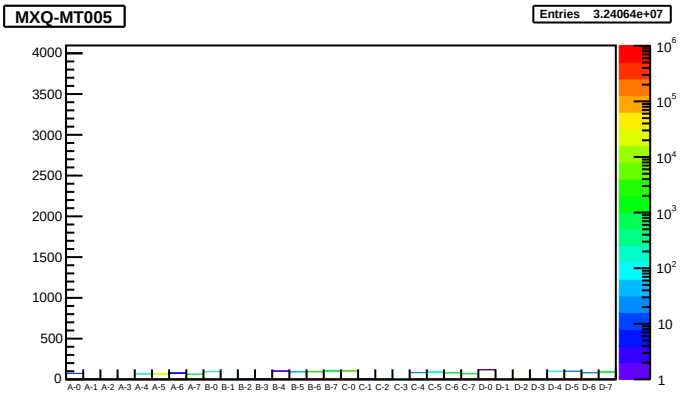

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

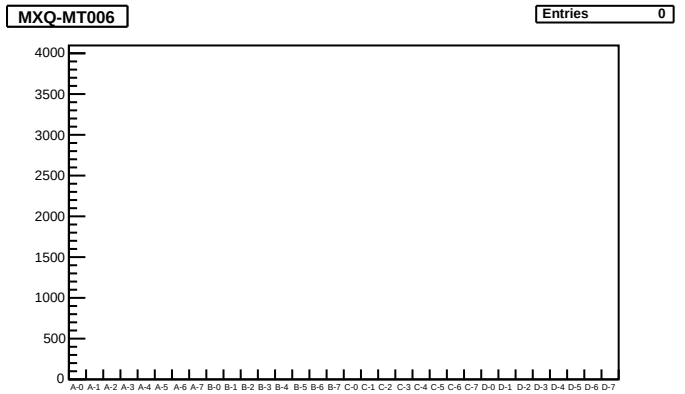

MXQ-MT001
Entries 3.24064e+07

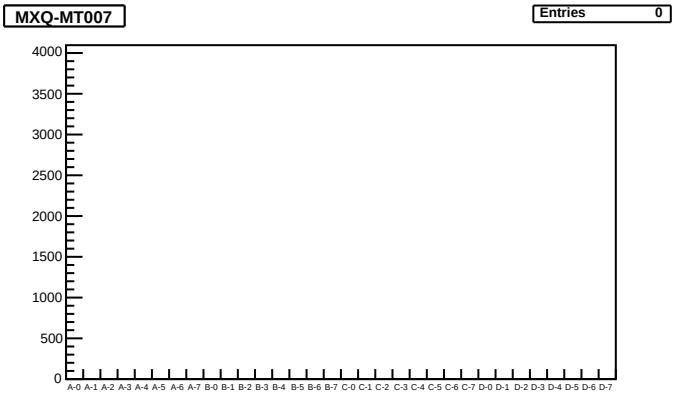

MXQ-MT002
Entries 3.24064e+07

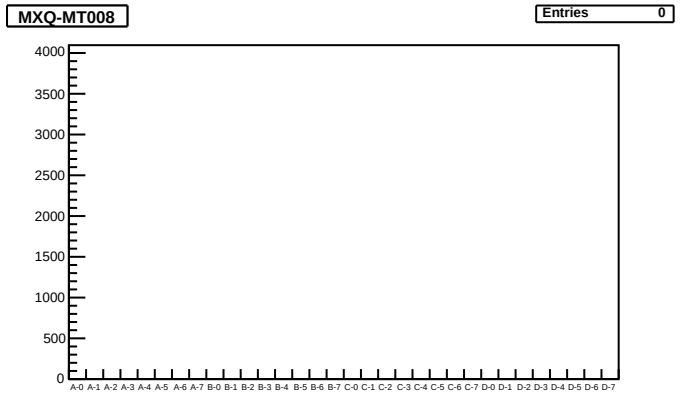

MXQ-MT003
Entries 3.24064e+07

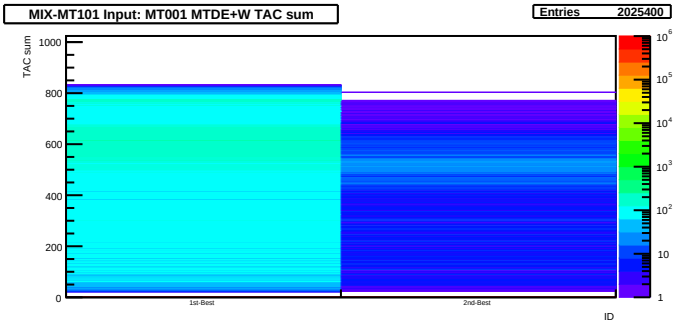

MXQ-MT004
Entries 3.24064e+07

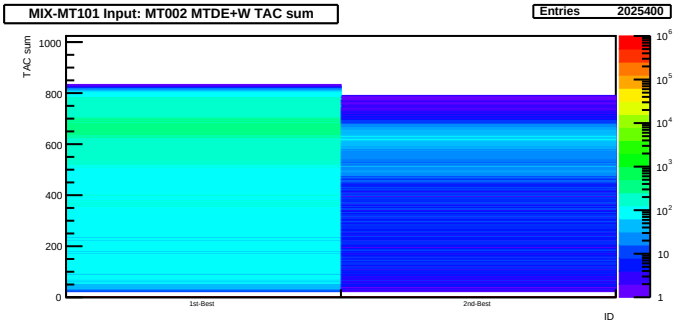

MXQ-MT005
Entries 3.24064e+07

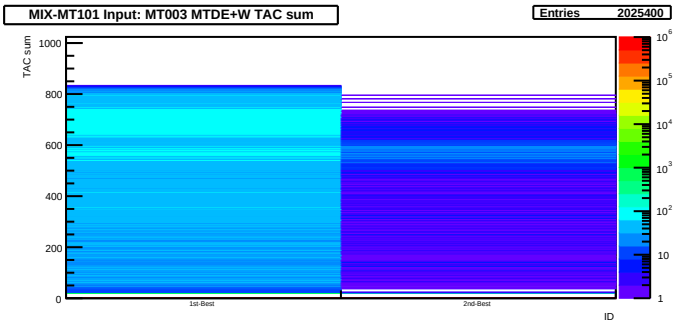

MXQ-MT006
Entries 0

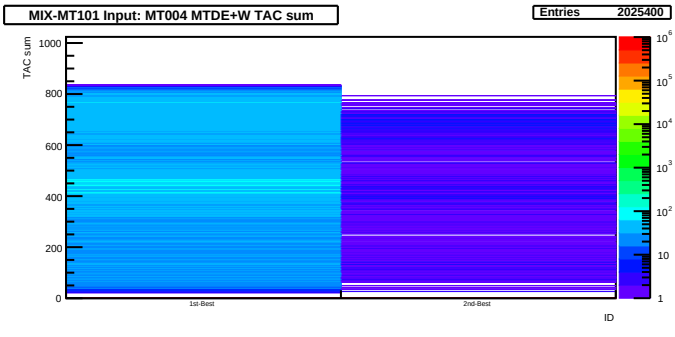

MXQ-MT007
Entries 0

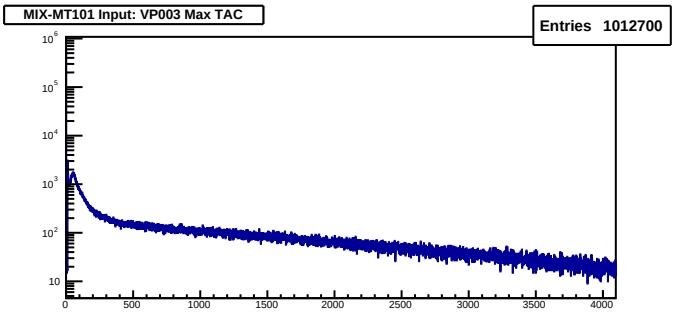

MXQ-MT008
Entries 0

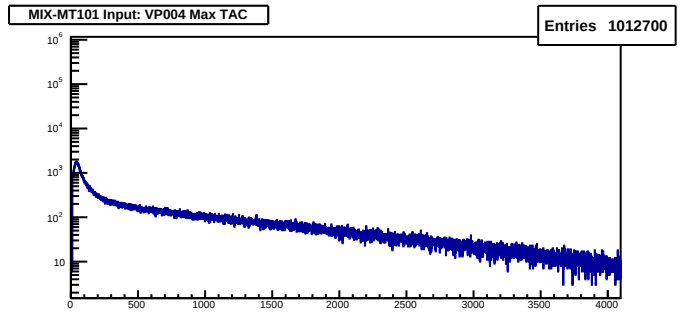

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 2025400
TAC sum
1st-Best
2nd-Best
ID

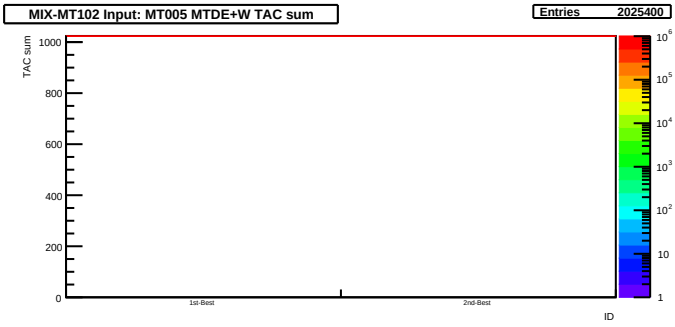

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 2025400
TAC sum
1st-Best
2nd-Best
ID

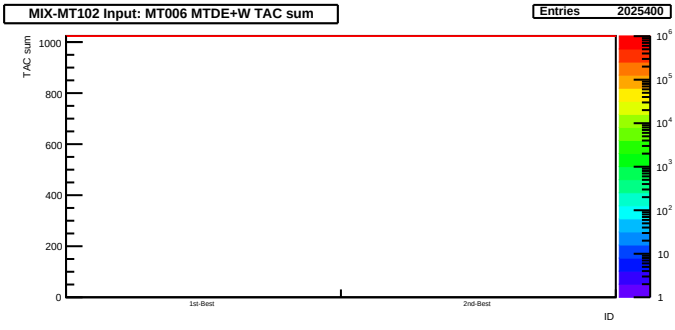

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 2025400
TAC sum
1st-Best
2nd-Best
ID

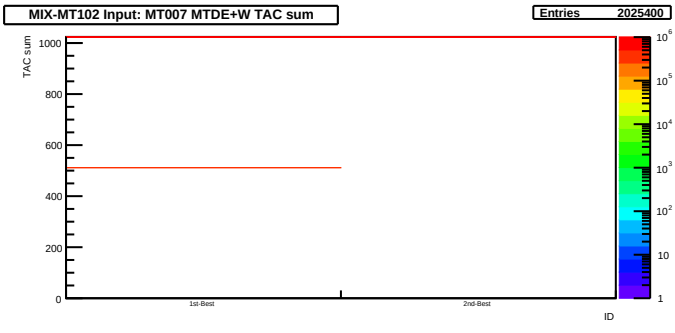

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 2025400
TAC sum
1st-Best
2nd-Best
ID

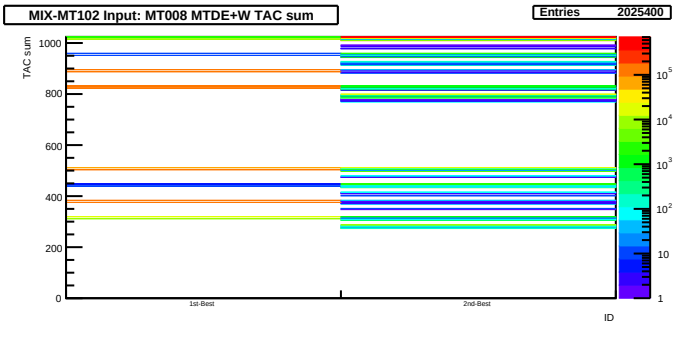

MIX-MT101 Input: VP003 Max TAC
Entries 1012700

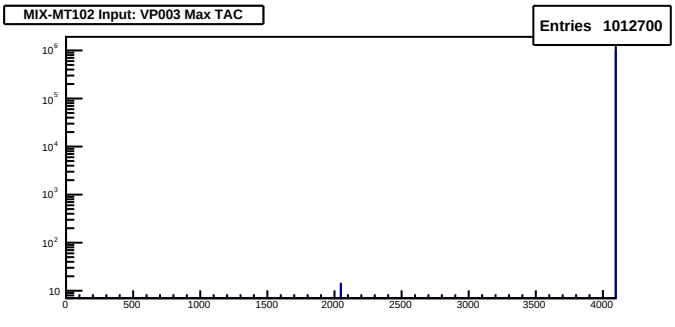

MIX-MT101 Input: VP004 Max TAC
Entries 1012700

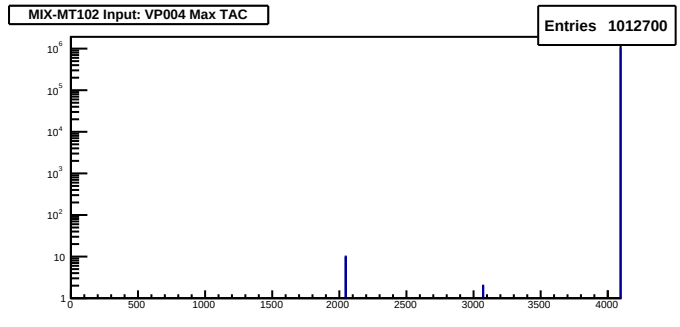

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 2025400
TAC sum
1st-Best
2nd-Best
ID

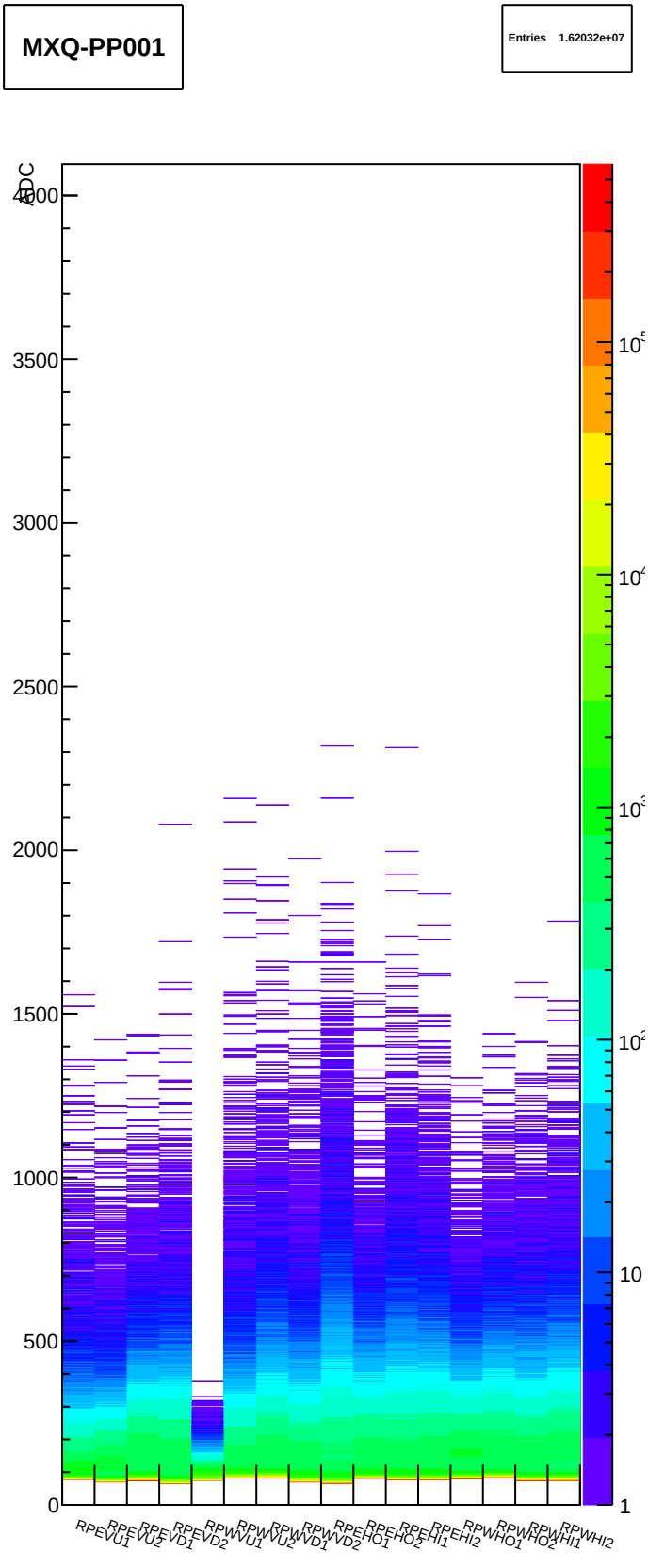

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 2025400
TAC sum
1st-Best
2nd-Best
ID

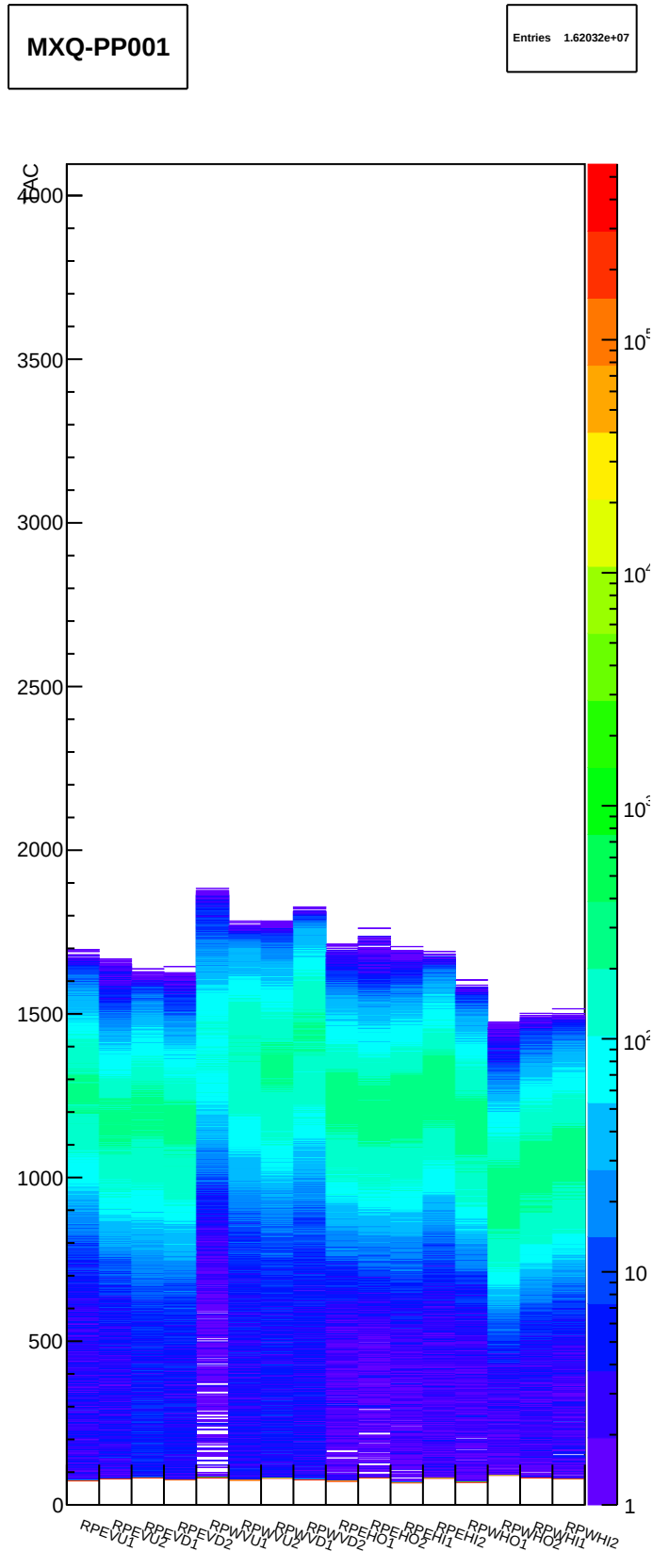

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 2025400
TAC sum
1st-Best
2nd-Best
ID

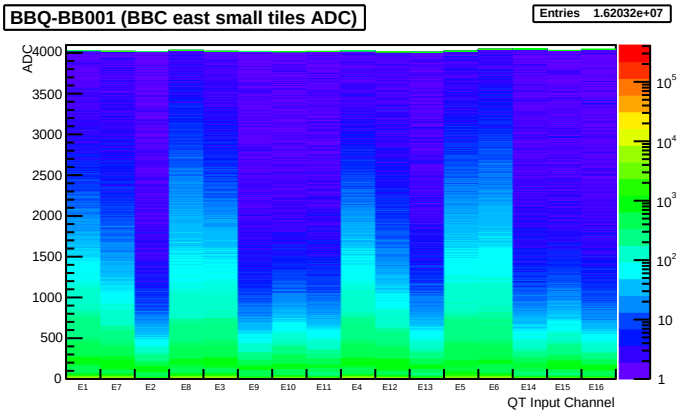

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 2025400
TAC sum
1st-Best
2nd-Best
ID

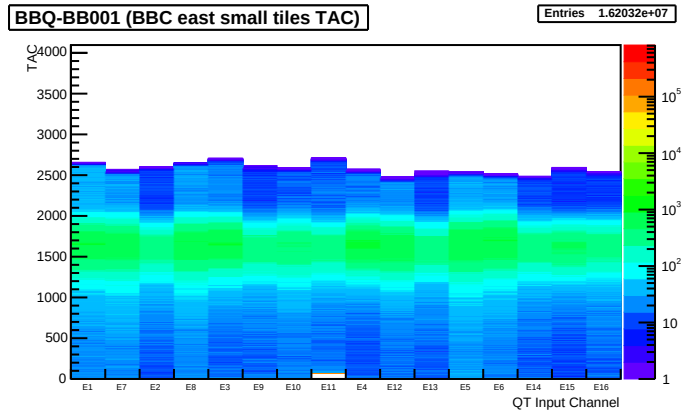

MIX-MT102 Input: VP003 Max TAC
Entries 1012700

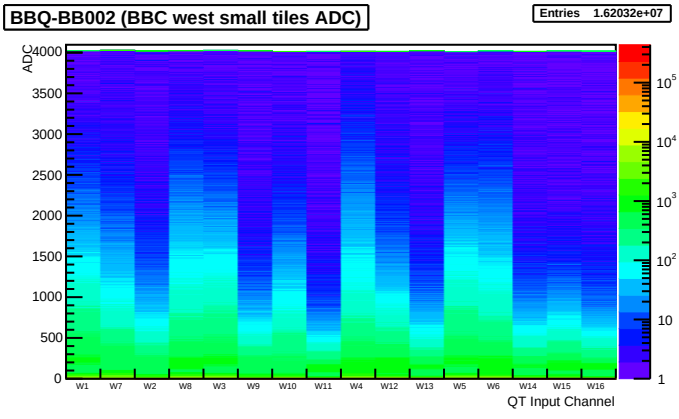

MIX-MT102 Input: VP004 Max TAC
Entries 1012700

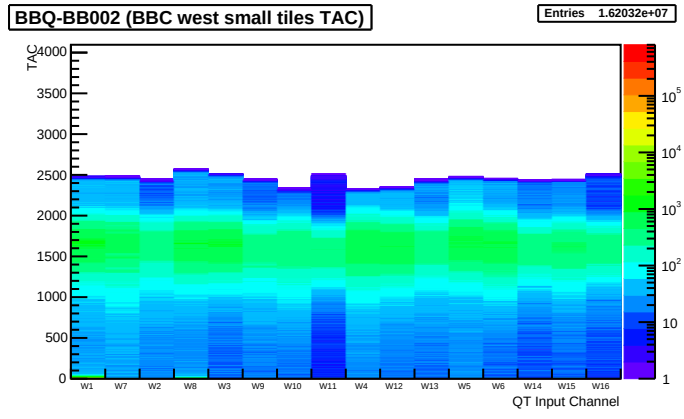

MXQ-PP001
Entries 1.62032e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

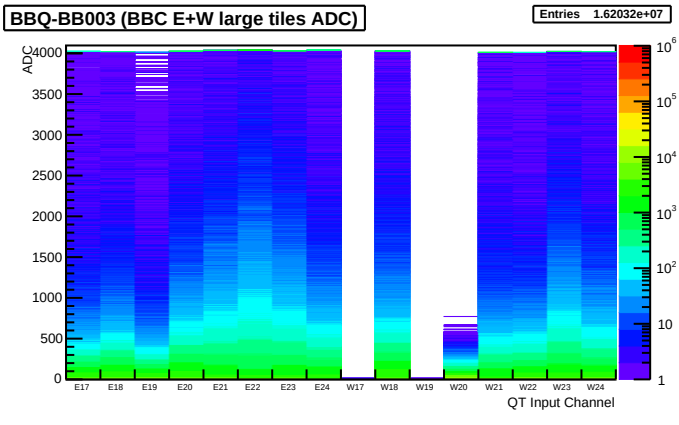

MXQ-PP001
Entries 1.62032e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

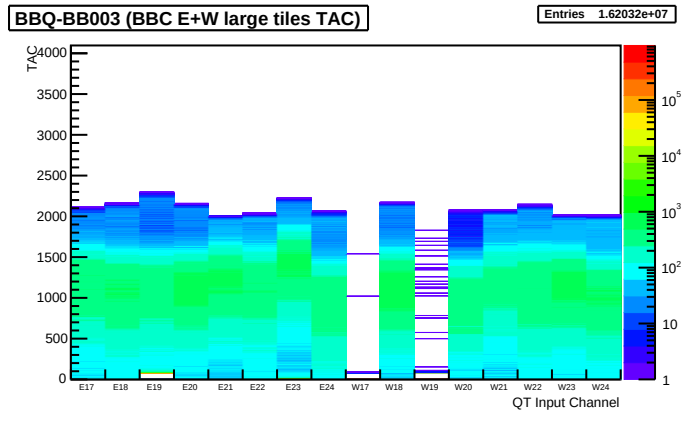

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.62032e+07
ADC
QT Input Channel

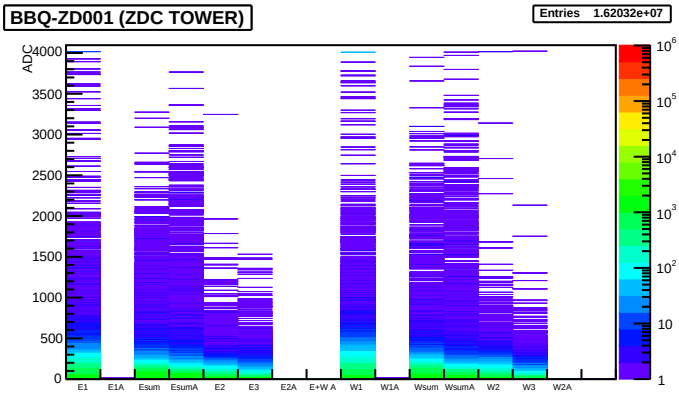

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.62032e+07
TAC
QT Input Channel

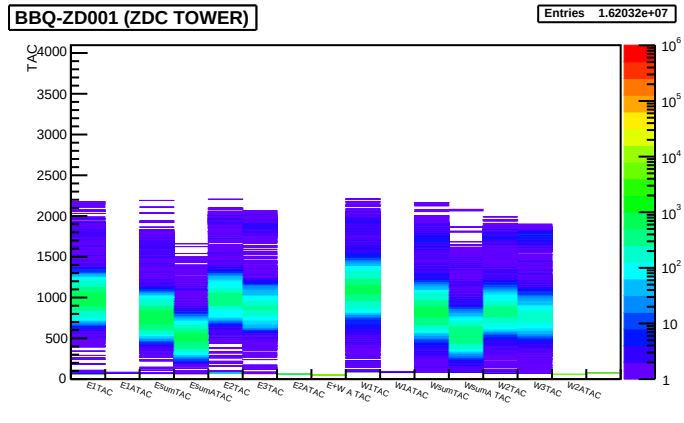

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.62032e+07
ADC
QT Input Channel

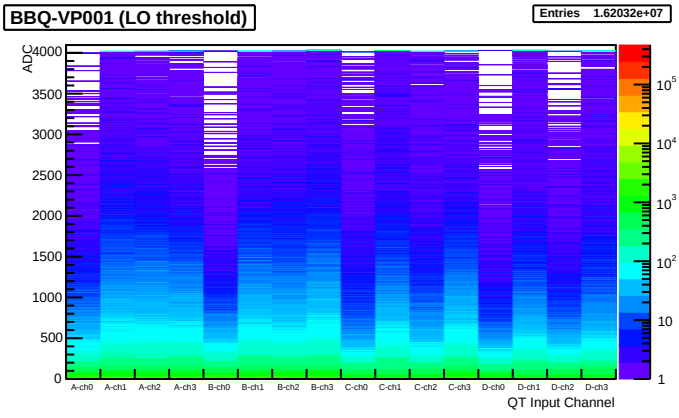

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.62032e+07
TAC
QT Input Channel

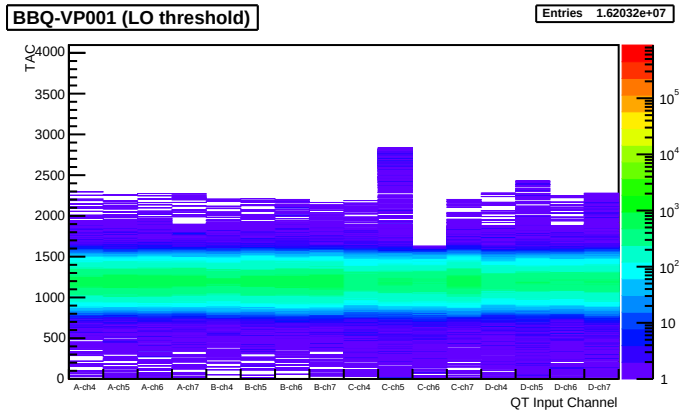

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.62032e+07
ADC
QT Input Channel

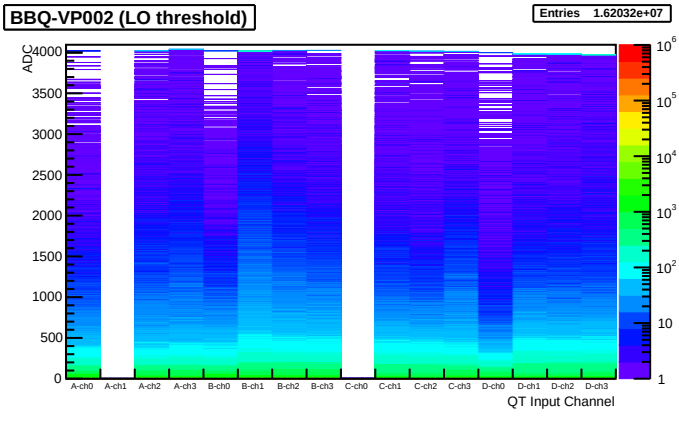

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.62032e+07
TAC
QT Input Channel

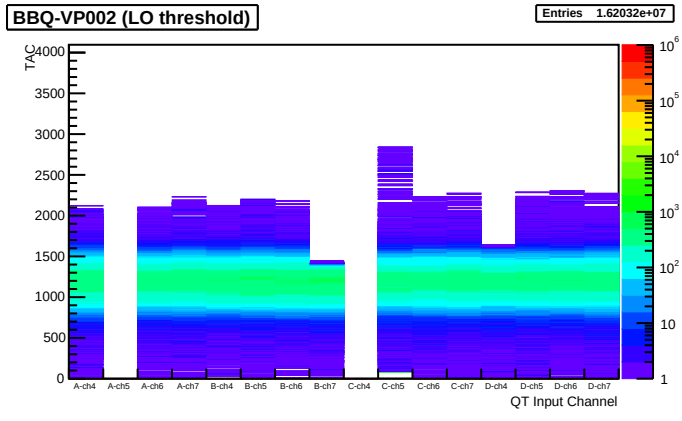

BBQ-ZD001 (ZDC TOWER)
Entries 1.62032e+07
ADC

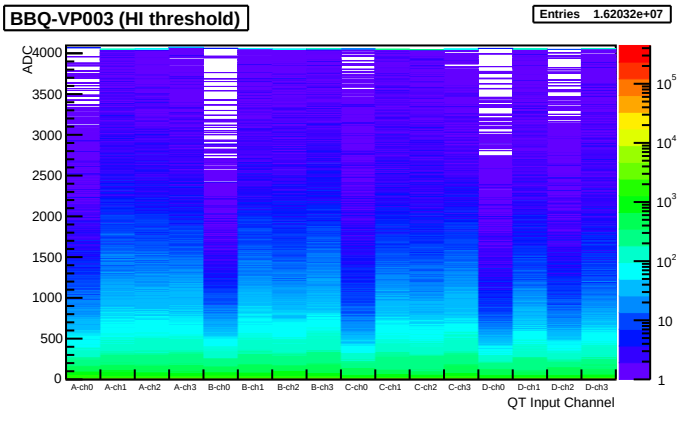

BBQ-ZD001 (ZDC TOWER)
Entries 1.62032e+07
TAC

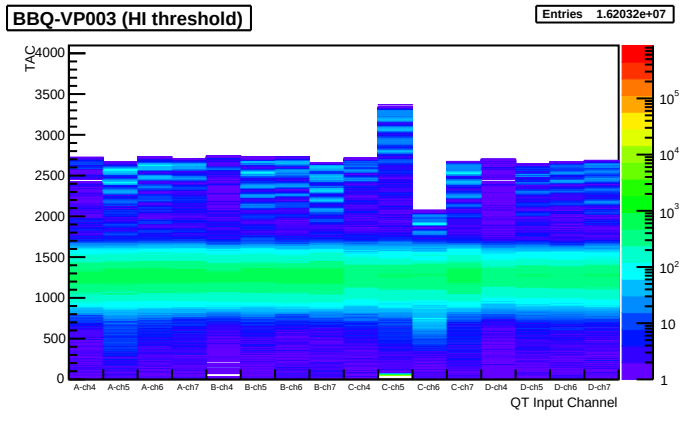

BBQ-VP001 (LO threshold)
Entries 1.62032e+07
ADC
QT Input Channel

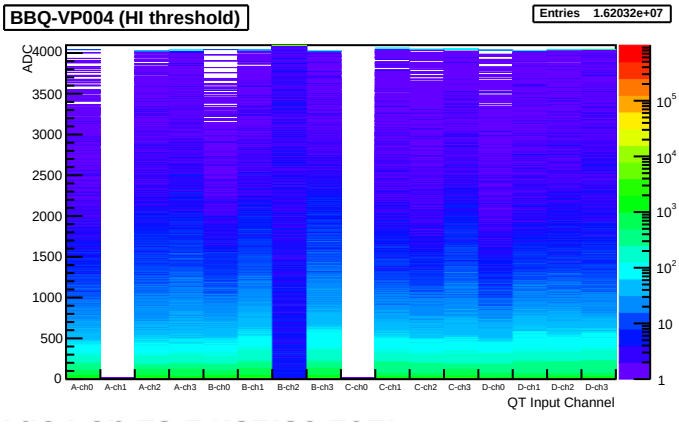

BBQ-VP001 (LO threshold)
Entries 1.62032e+07
TAC
QT Input Channel

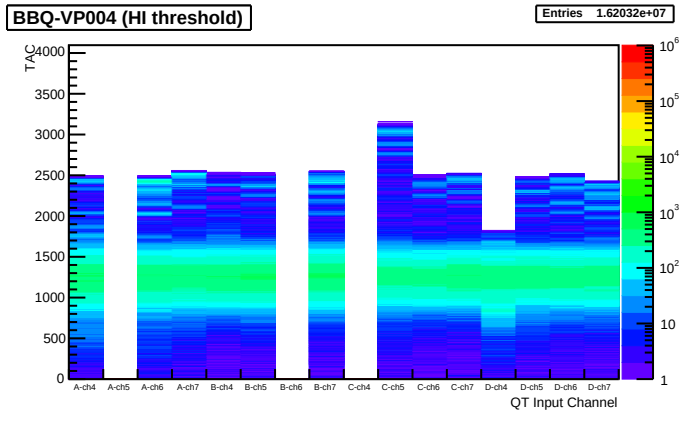

BBQ-VP002 (LO threshold)
Entries 1.62032e+07
ADC
QT Input Channel

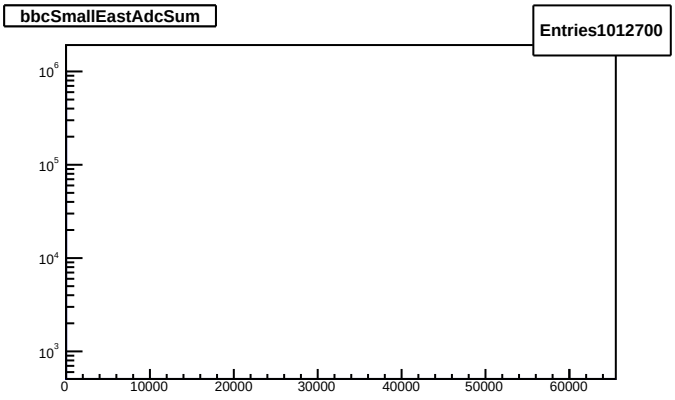

BBQ-VP002 (LO threshold)
Entries 1.62032e+07
TAC
QT Input Channel

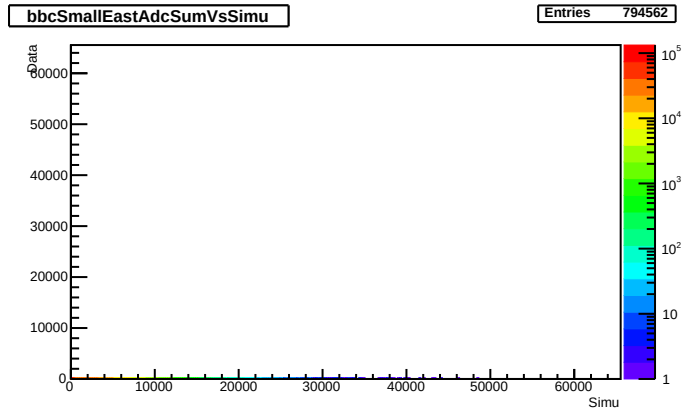

BBQ-VP003 (HI threshold)
Entries 1.62032e+07
ADC
QT Input Channel

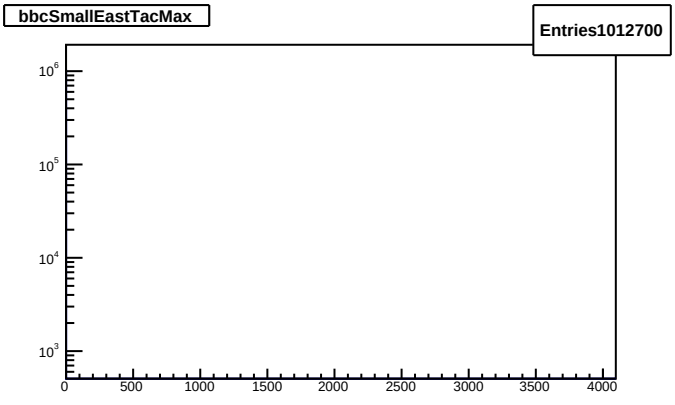

BBQ-VP003 (HI threshold)
Entries 1.62032e+07
TAC
QT Input Channel

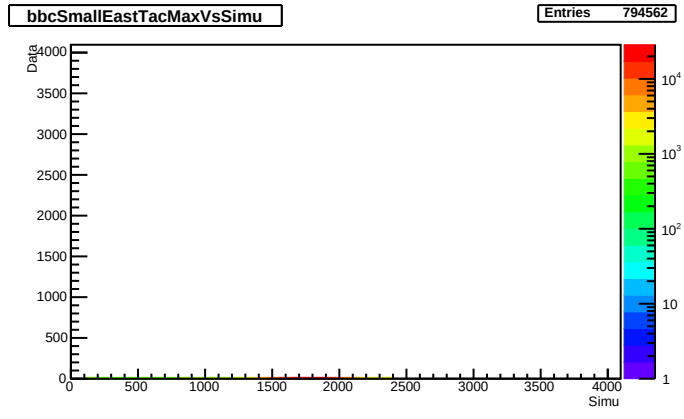

BBQ-VP004 (HI threshold)
Entries 1.62032e+07
ADC
QT Input Channel

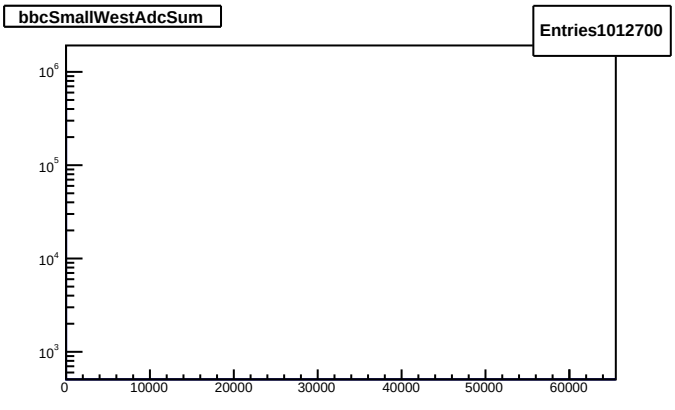

BBQ-VP004 (HI threshold)
Entries 1.62032e+07
TAC
QT Input Channel

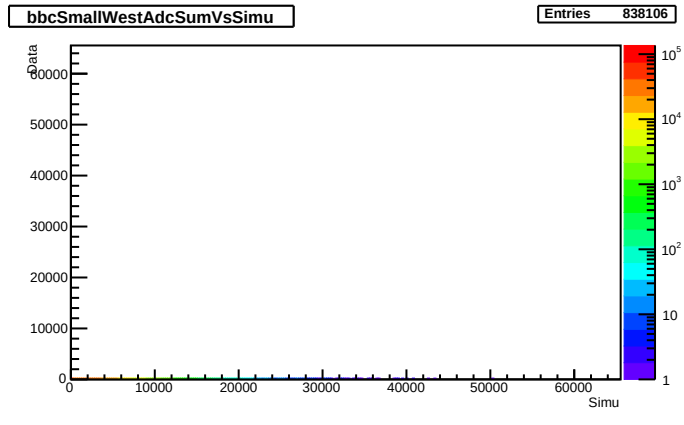

bbcSmallEastAdcSum
Entries1012700

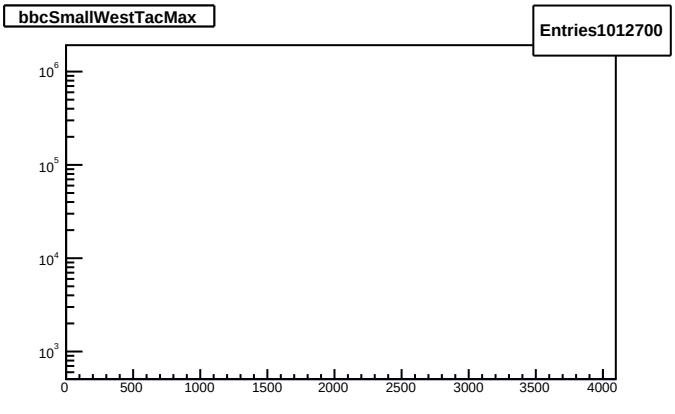

bbcSmallEastAdcSumVsSimu
Entries 794562
Data
Simu

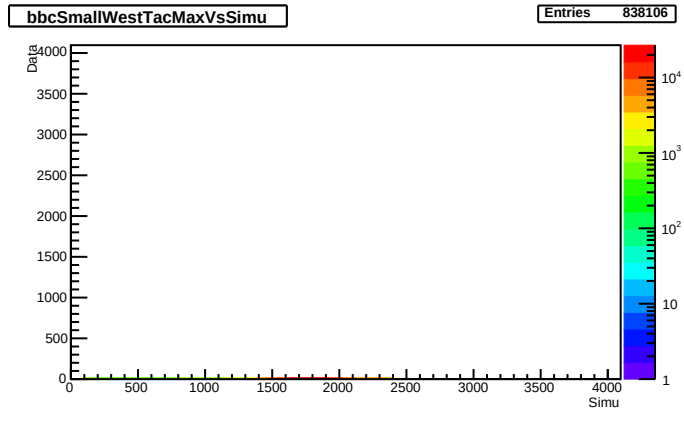

bbcSmallEastTacMax
Entries1012700

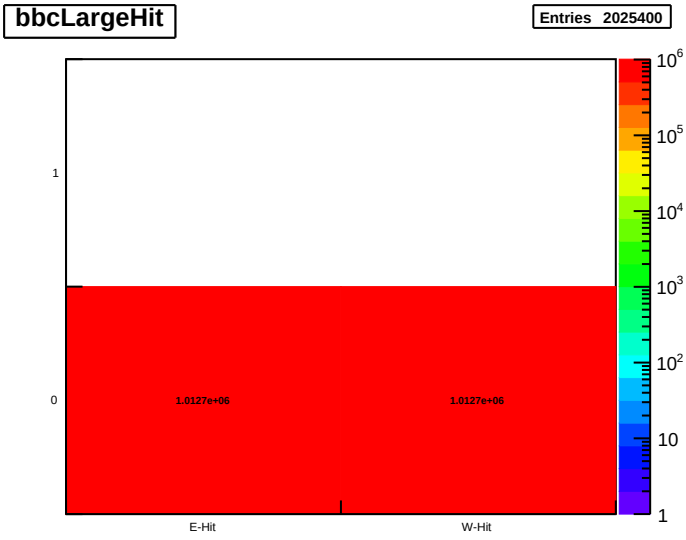

bbcSmallEastTacMaxVsSimu
Entries 794562
Data
Simu

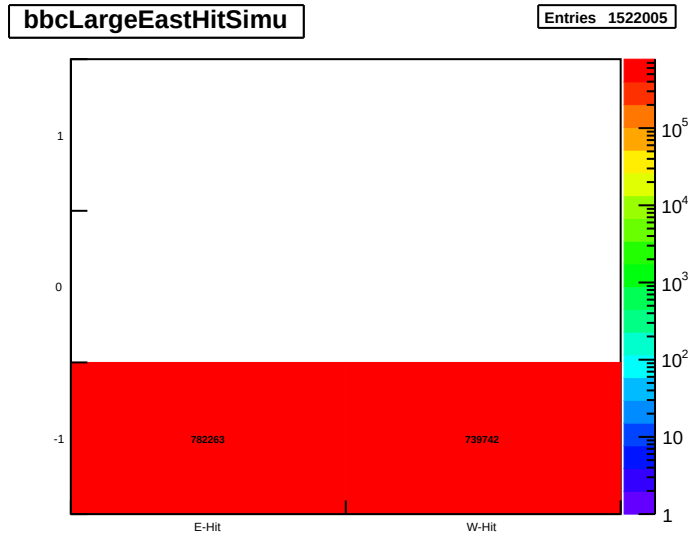

bbcSmallWestAdcSum
Entries1012700

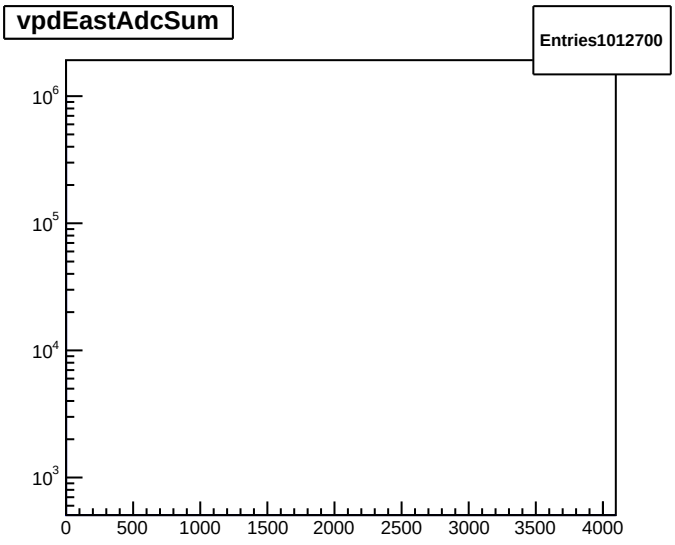

bbcSmallWestAdcSumVsSimu
Entries 838106
Data
Simu

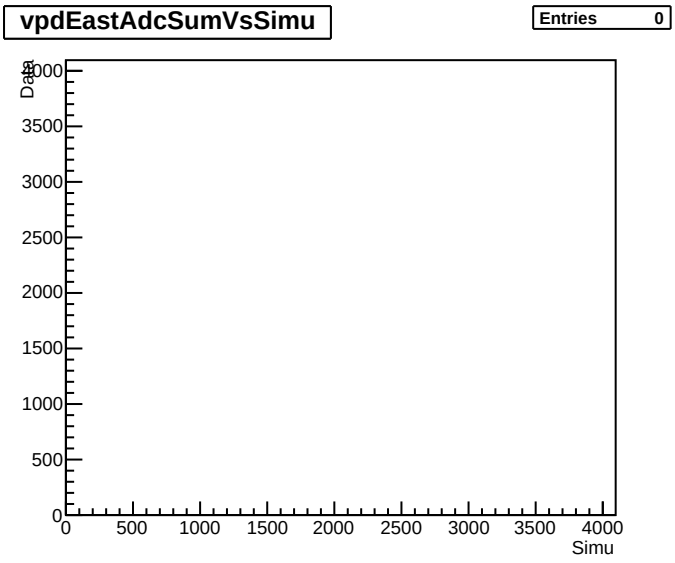

bbcSmallWestTacMax
Entries1012700

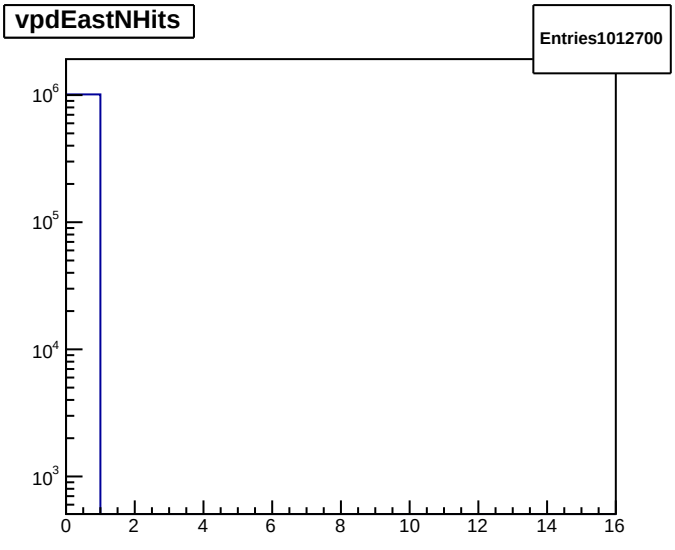

bbcSmallWestTacMaxVsSimu
Entries 838106
Data
Simu

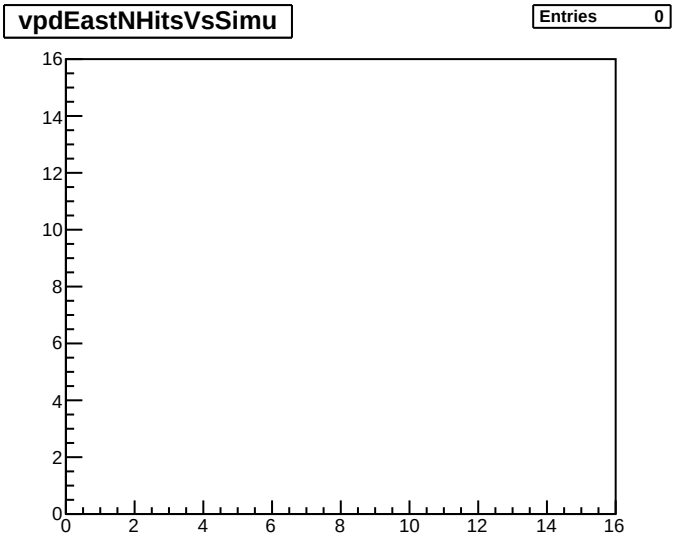

bbcLargeHit
Entries 2025400
1
0
1.0127e+06
1.0127e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

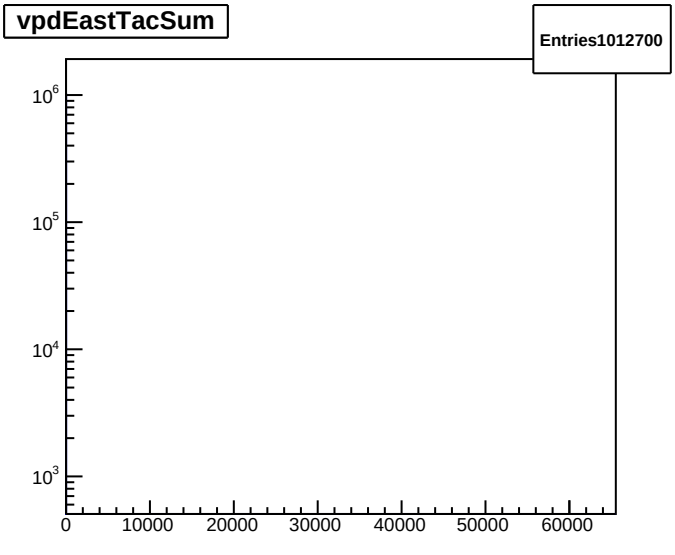

bbcLargeEastHitSimu
Entries 1522005
1
0
-1
782263
739742
E-Hit
W-Hit
10^5
10^4
10^3
10^2
10
1

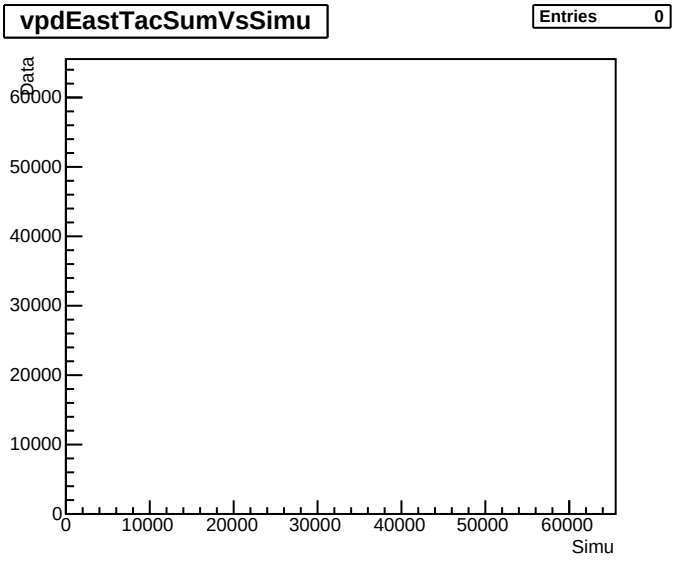

vpdEastAdcSum
Entries1012700
10^6
10^5
10^4
10^3
0 500 1000 1500 2000 2500 3000 3500 4000

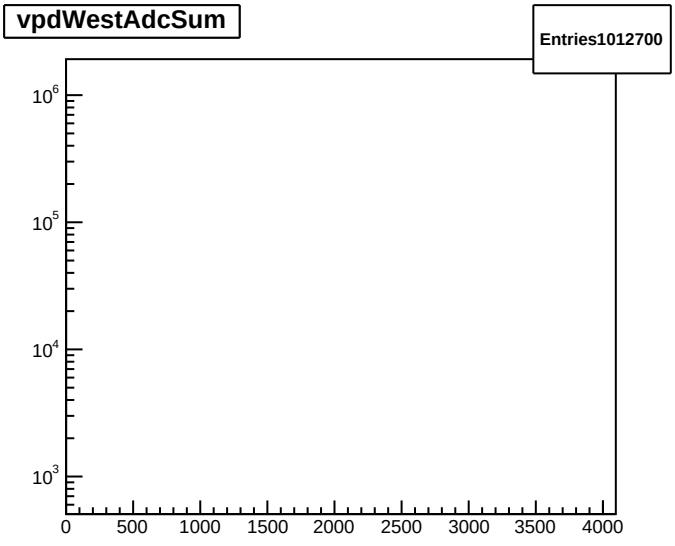

vpdEastAdcSumVsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

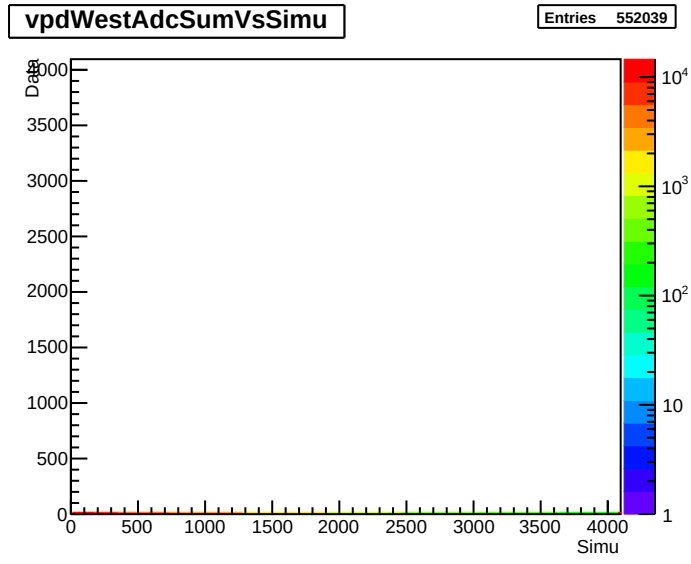

vpdEastNHits
Entries1012700
10^6
10^5
10^4
10^3
0 2 4 6 8 10 12 14 16

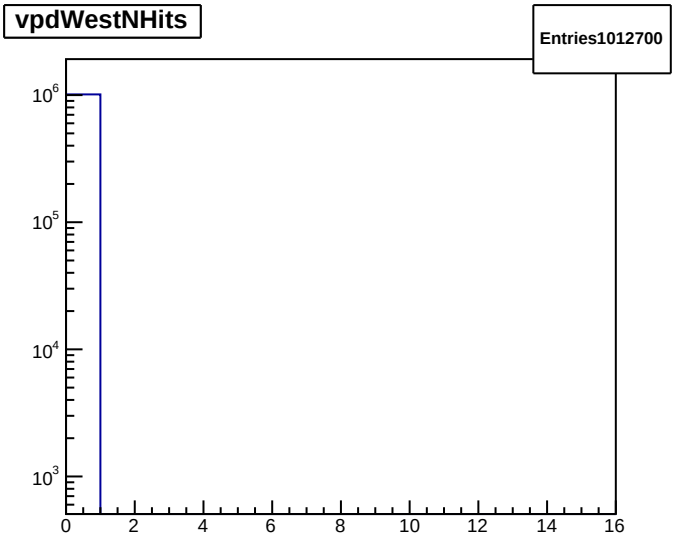

vpdEastNHitsVsSimu
Entries 0
16 14 12 10 8 6 4 2 0
0 2 4 6 8 10 12 14 16

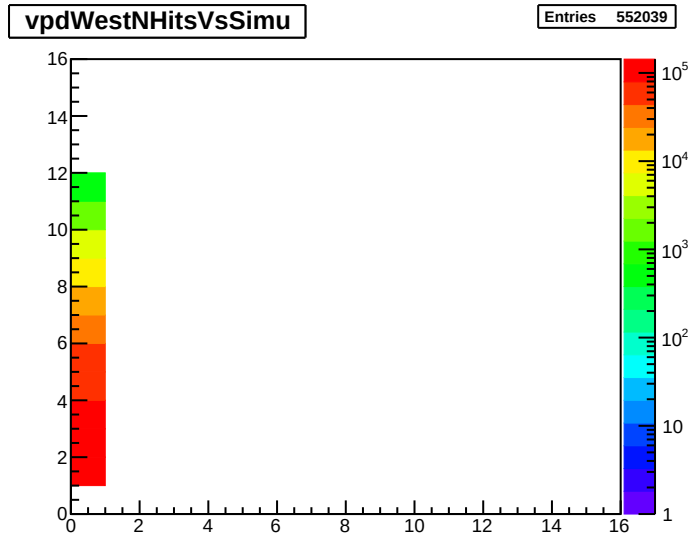

vpdEastTacSum
Entries1012700
10^6
10^5
10^4
10^3
0 10000 20000 30000 40000 50000 60000

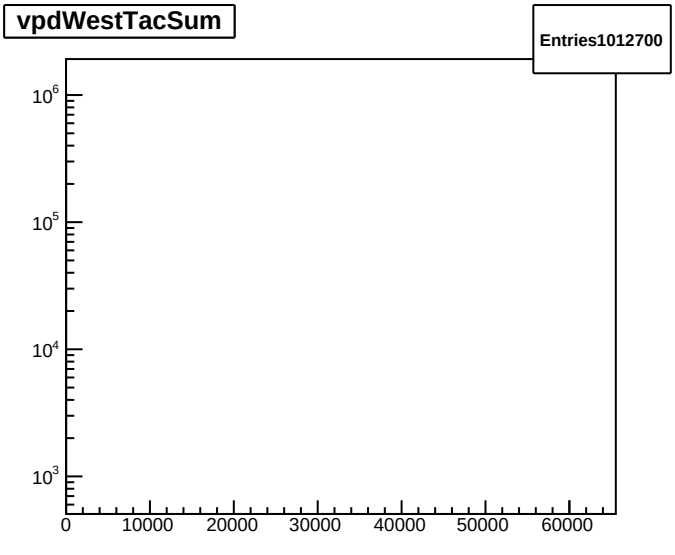

vpdEastTacSumVsSimu
Entries 0
Data
60000 50000 40000 30000 20000 10000 0
0 10000 20000 30000 40000 50000 60000
Simu

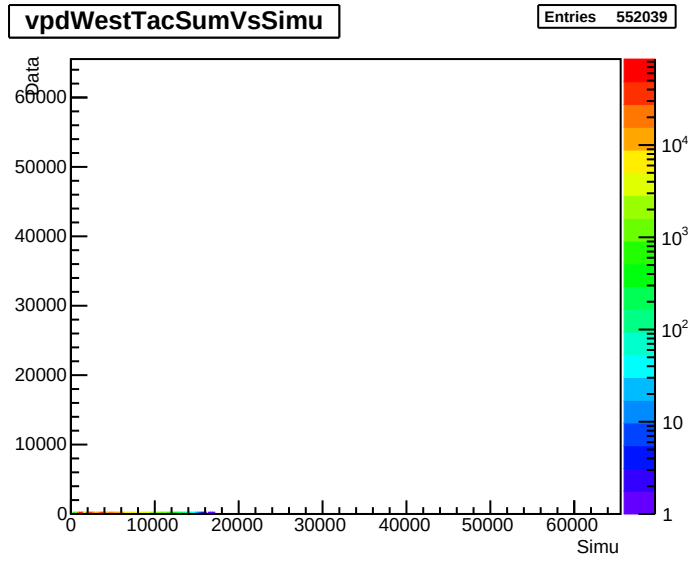

vpdWestAdcSum
Entries1012700

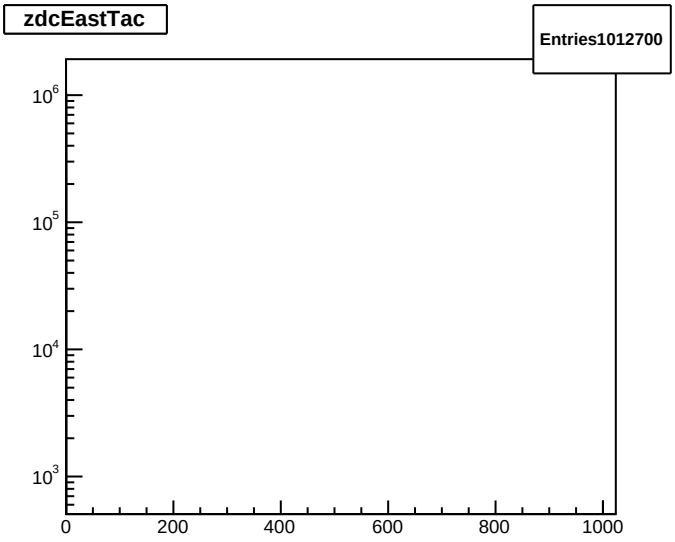

vpdWestAdcSumVsSimu
Entries 552039
Data
Simu

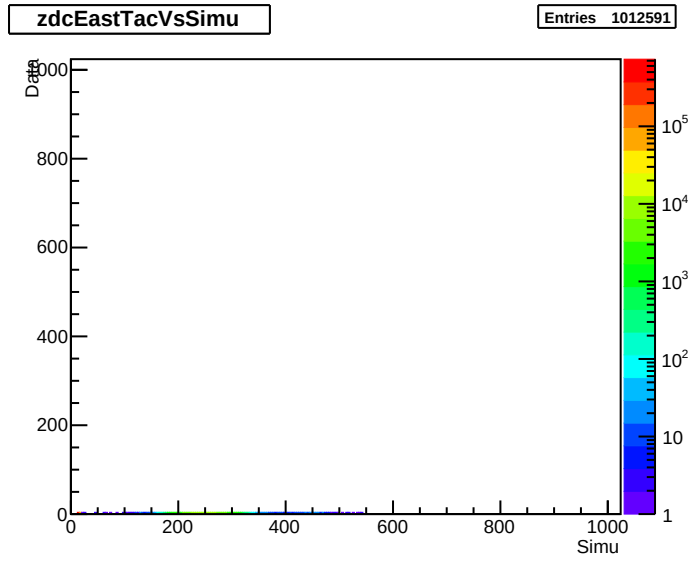

vpdWestNHits
Entries1012700

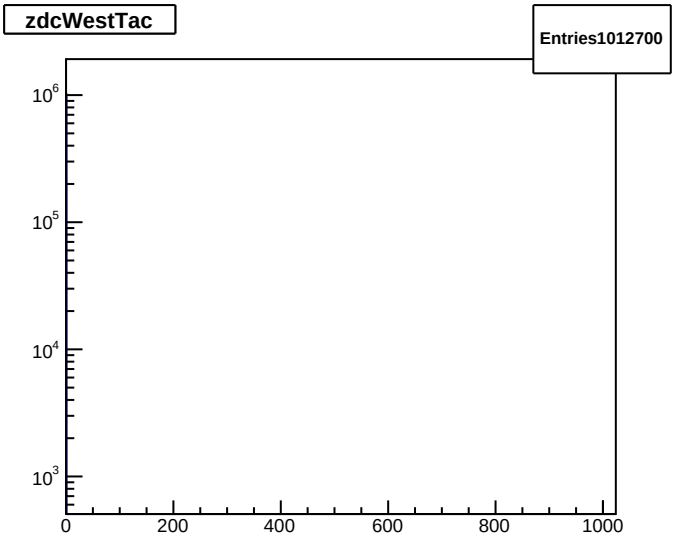

vpdWestNHitsVsSimu
Entries 552039

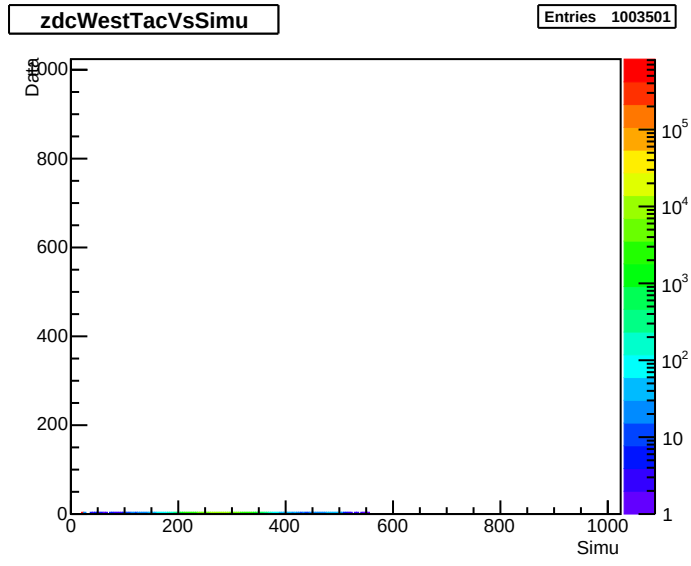

vpdWestTacSum
Entries1012700

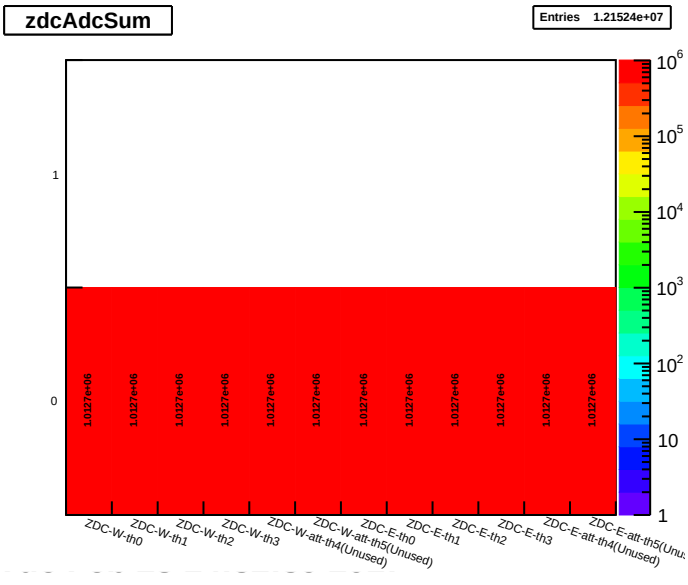

vpdWestTacSumVsSimu
Entries 552039
Data
Simu

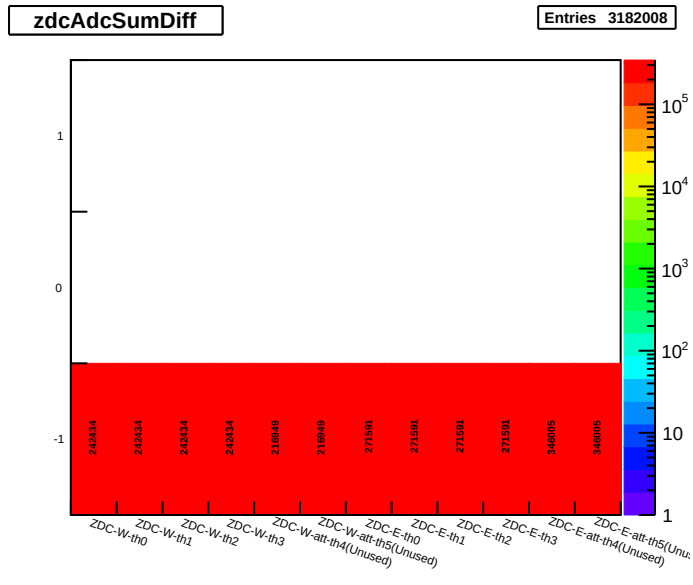

zdcEastTac
Entries1012700

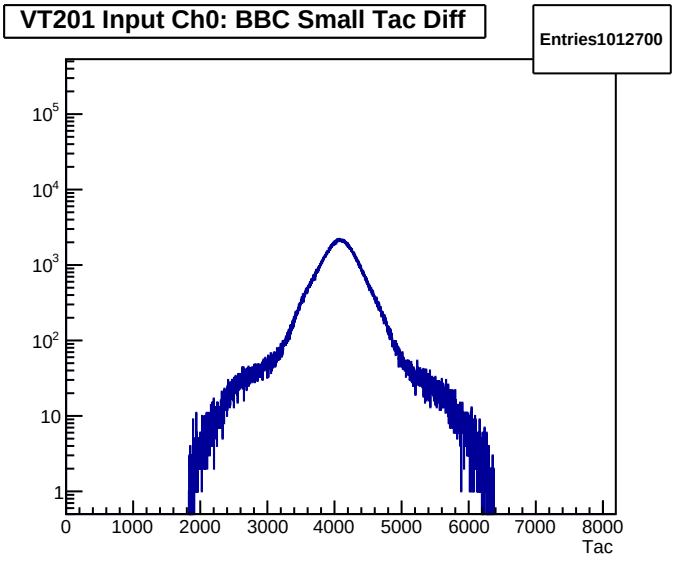

zdcEastTacVsSimu
Entries 1012591
Data
Simu

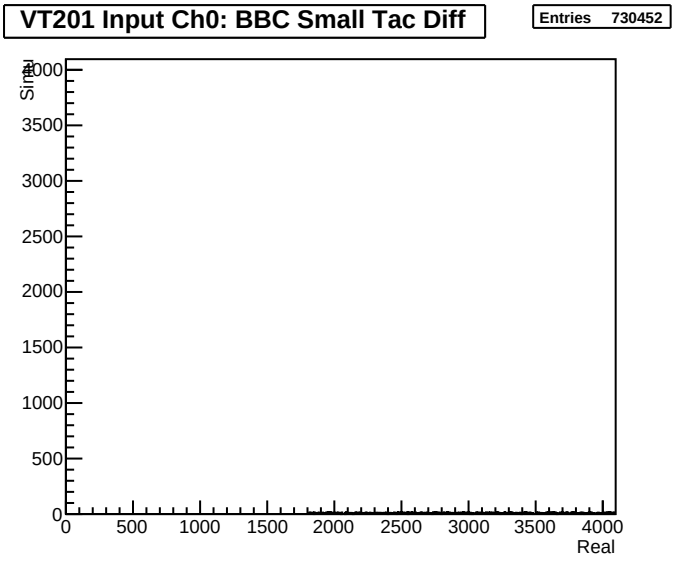

zdcWestTac
Entries1012700

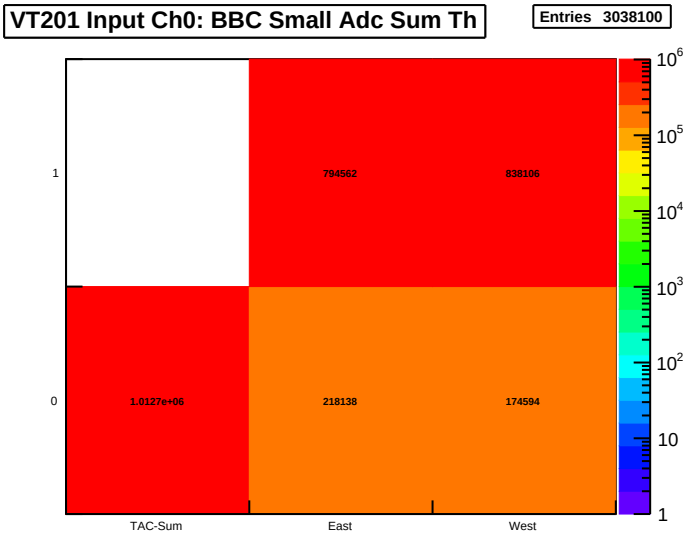

zdcWestTacVsSimu
Entries 1003501
Data
Simu

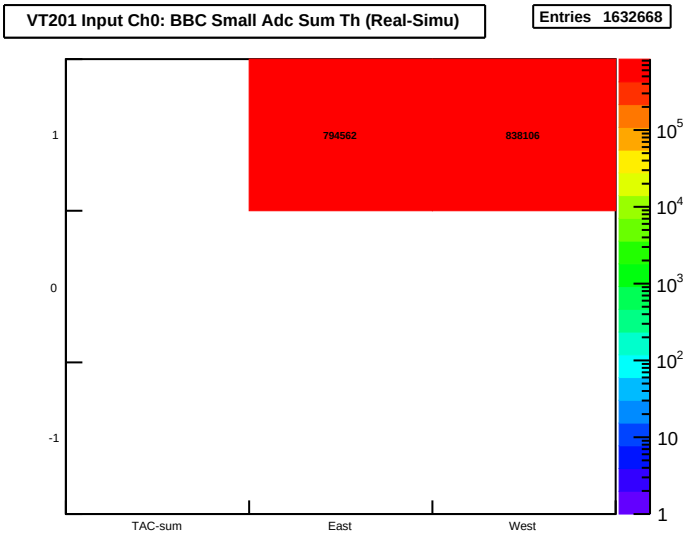

zdcAdcSum
Entries 1.21524e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

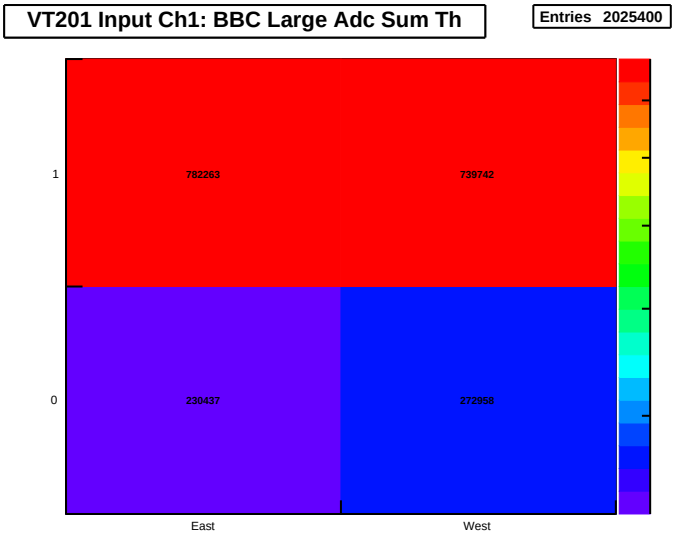

zdcAdcSumDiff
Entries 3182008
242434
242434
242434
242434
216949
216949
271591
271591
271591
271591
346005
346005
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

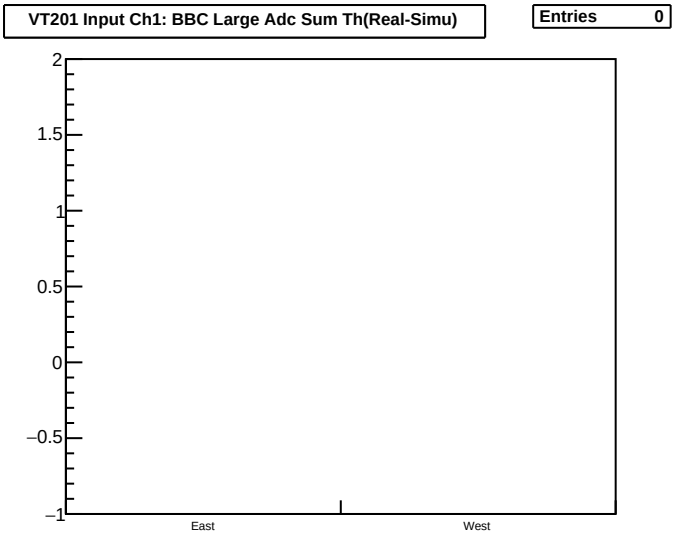

VT201 Input Ch0: BBC Small Tac Diff
Entries1012700
Tac


VT201 Input Ch0: BBC Small Tac Diff
Entries 730452
Simu
Real

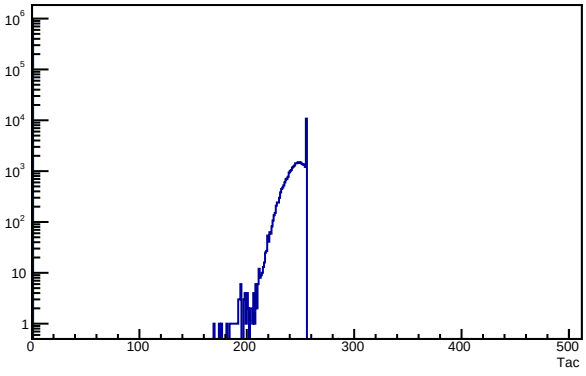

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 3038100
794562
838106
1.0127e+06
218138
174594
TAC-Sum
East
West


VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 1632668
794562
838106
TAC-sum
East
West

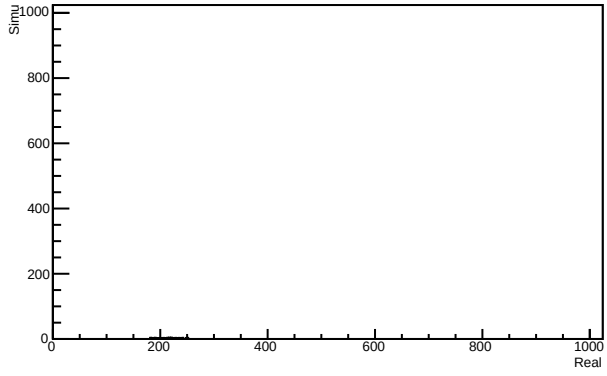

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 2025400
782263
739742
230437
272958
East
West


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

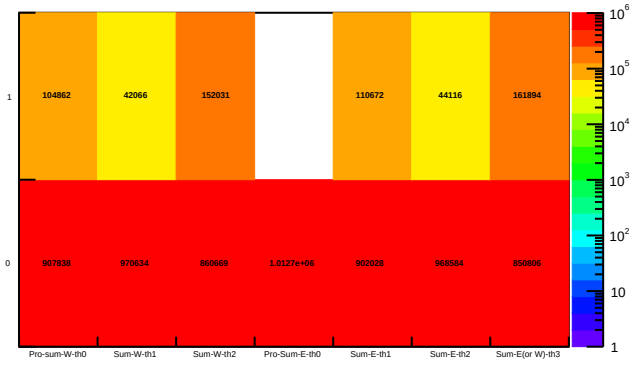
VT201 Input Ch2: ZDC Tac Diff



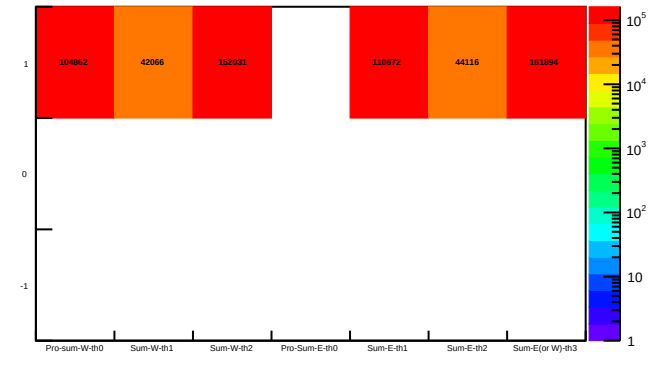
VT201 Input Ch2: ZDC Tac Diff



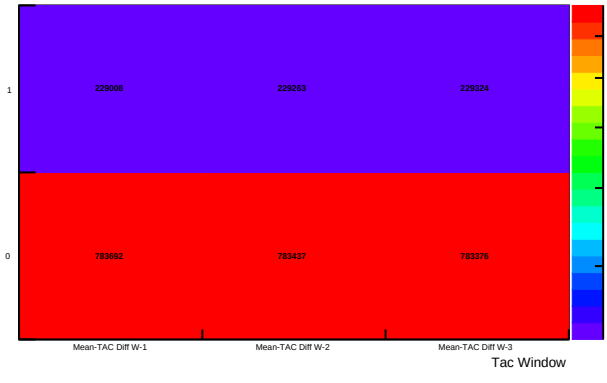
VT201 Input Ch2: ZDC Adc Sum Th



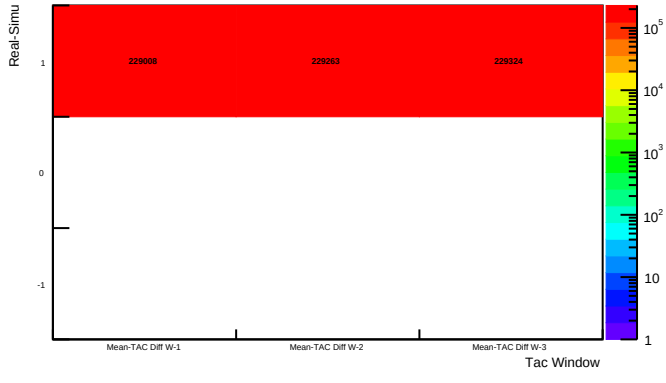
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



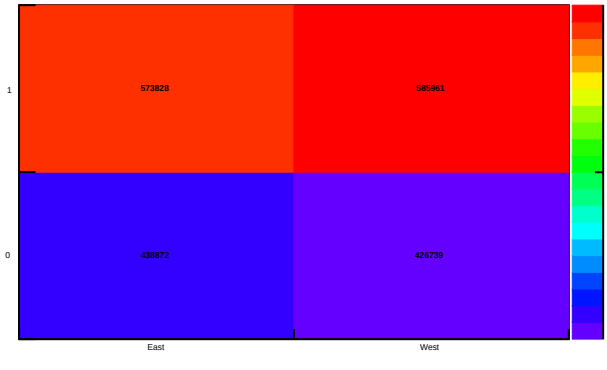
VT201 Input Ch4: VPD Tac Diff



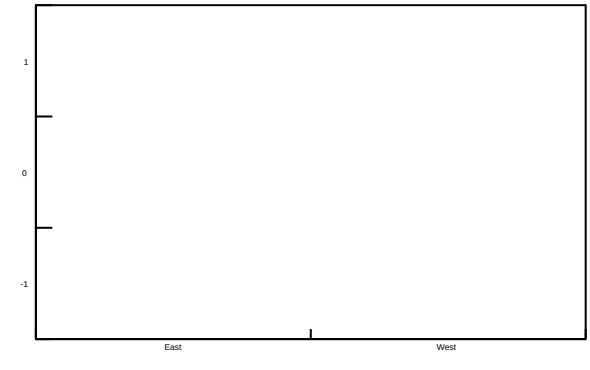
VT201 Input Ch4: VPD Tac Diff

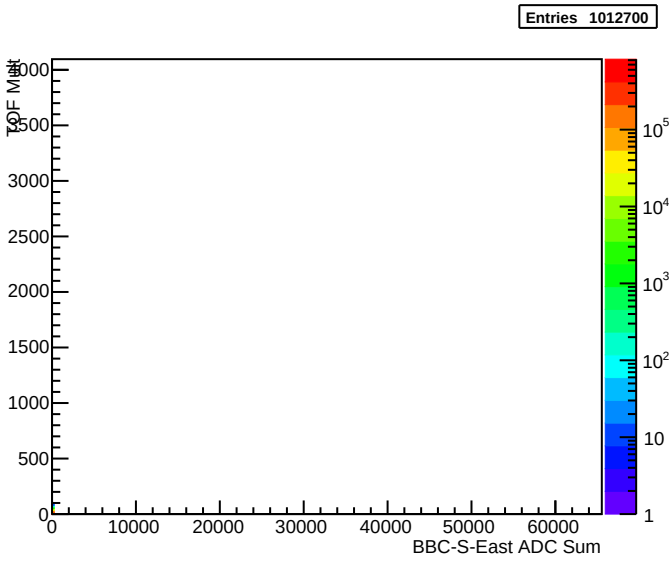


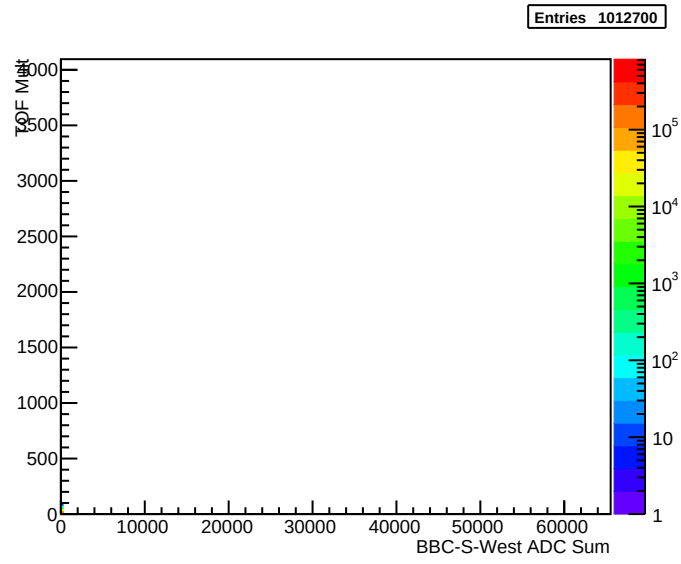
VT201 Input Ch4: VPD Adc Sum Th

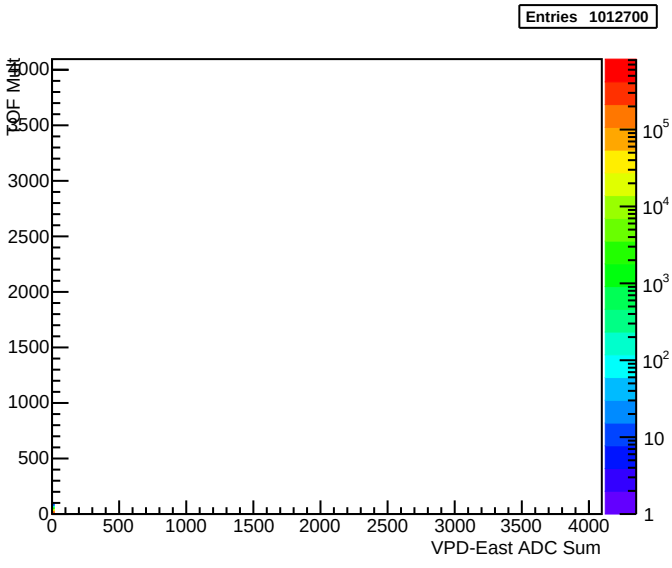


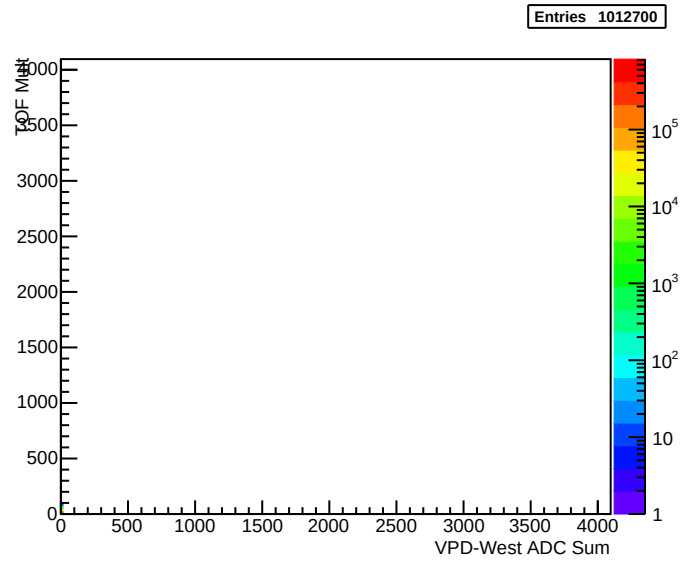
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

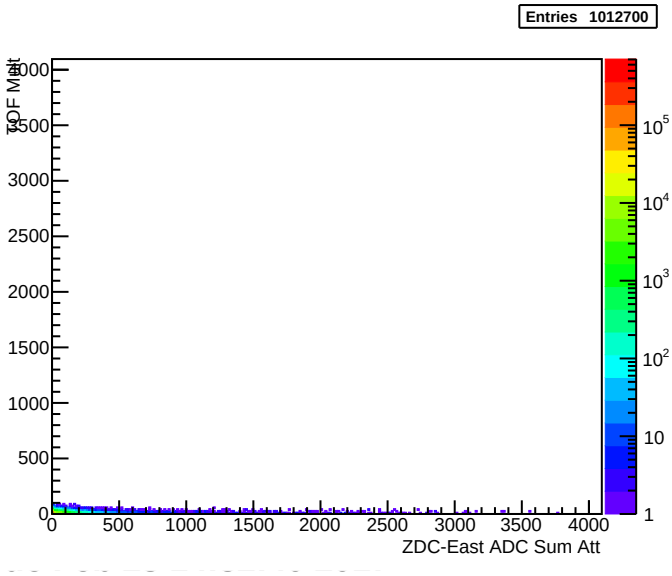


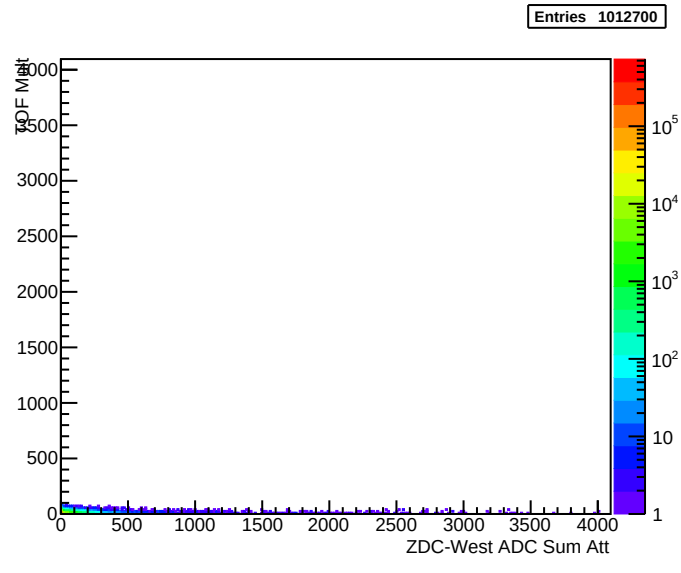

Entries 1012700
TOF Mult
BBC-S-East ADC Sum

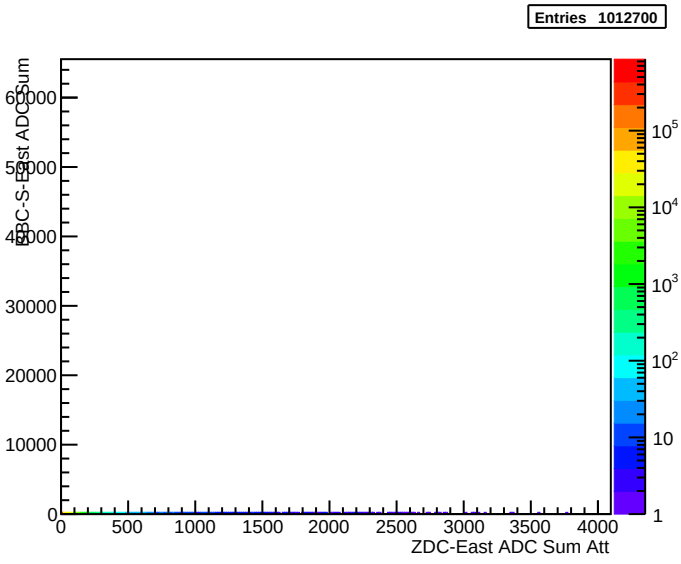

Entries 1012700
TOF Mult
BBC-S-West ADC Sum

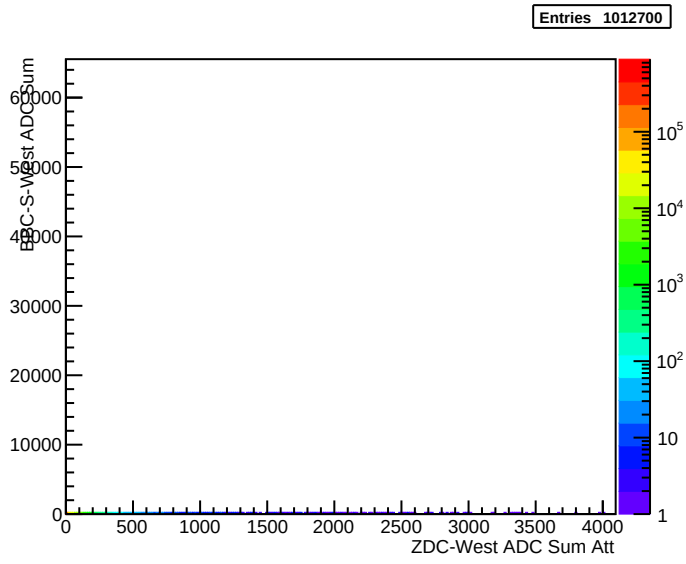

Entries 1012700
TOF Mult
VPD-East ADC Sum

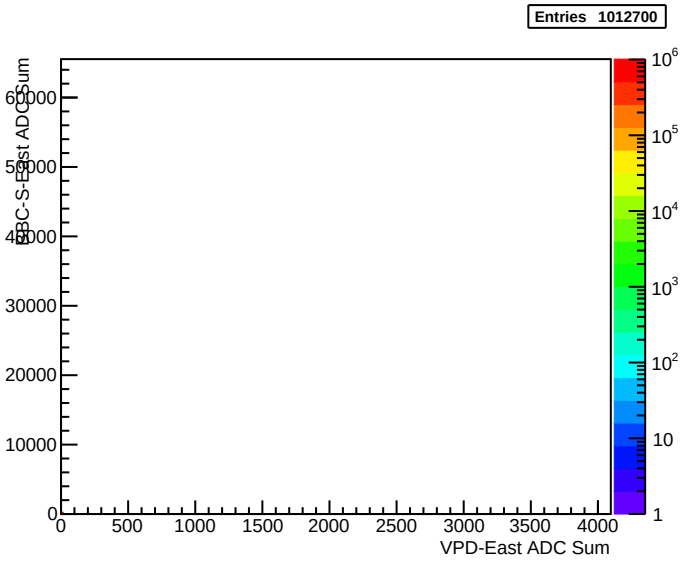

Entries 1012700
TOF Mult
VPD-West ADC Sum

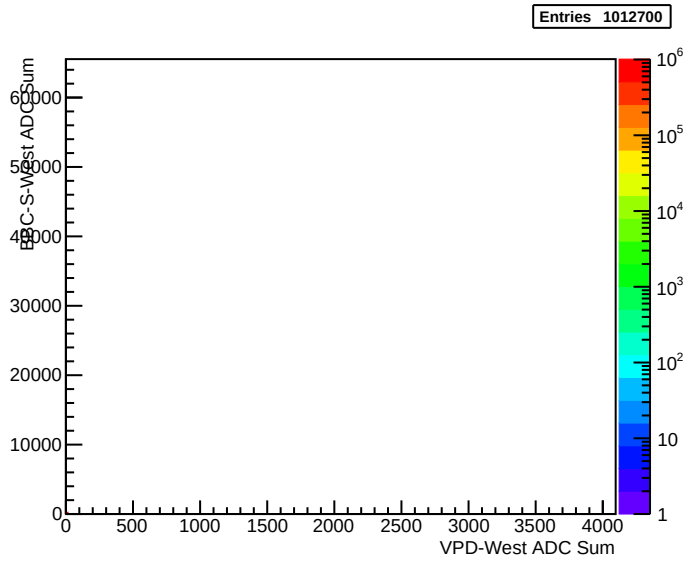

Entries 1012700
TOF Mult
ZDC-East ADC Sum Att

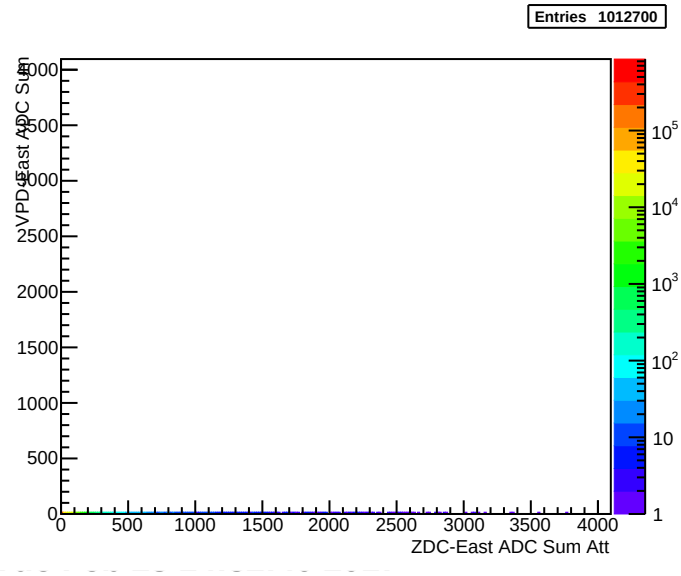

Entries 1012700
TOF Mult
ZDC-West ADC Sum Att

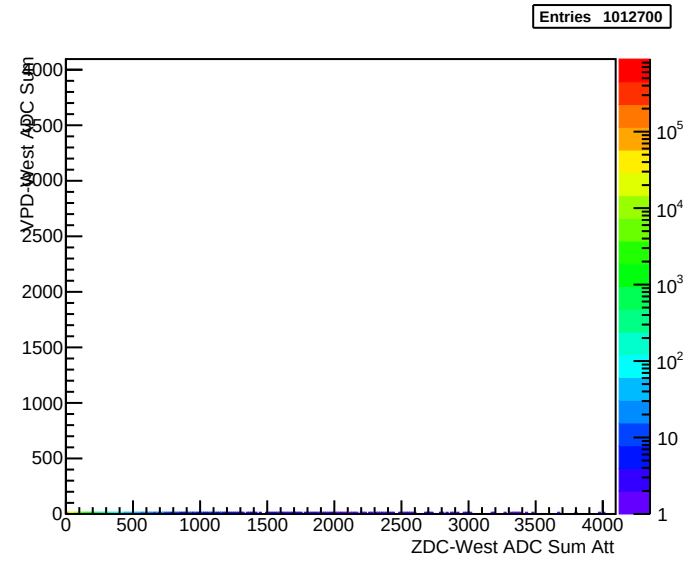

Entries 1012700
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

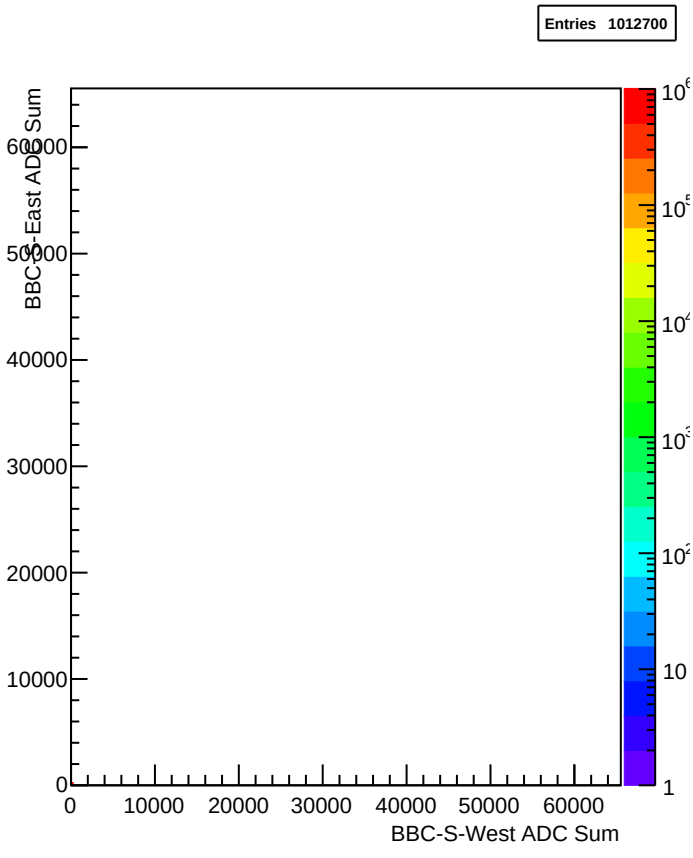

Entries 1012700
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

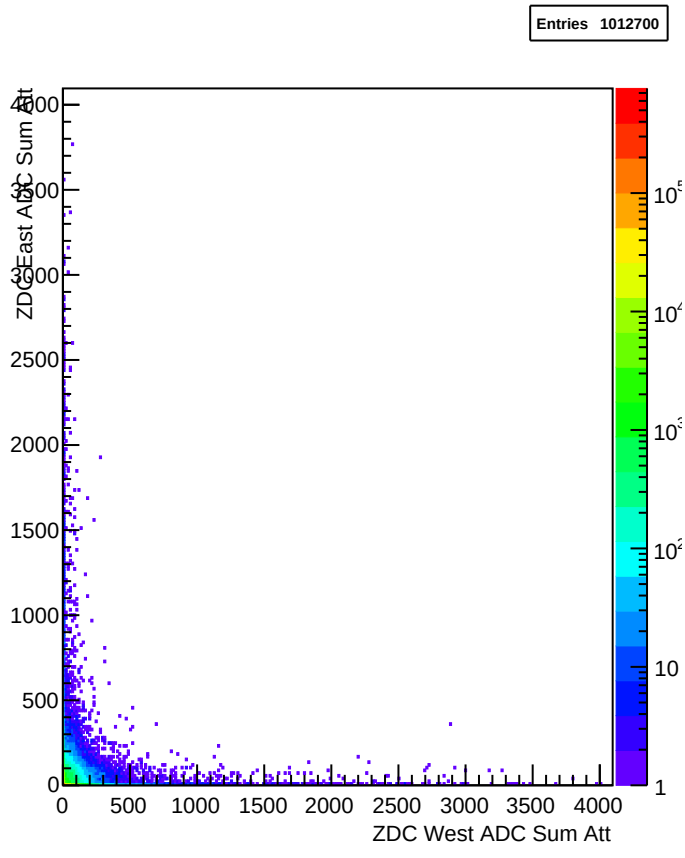

Entries 1012700
BBC-S-East ADC Sum
VPD-East ADC Sum

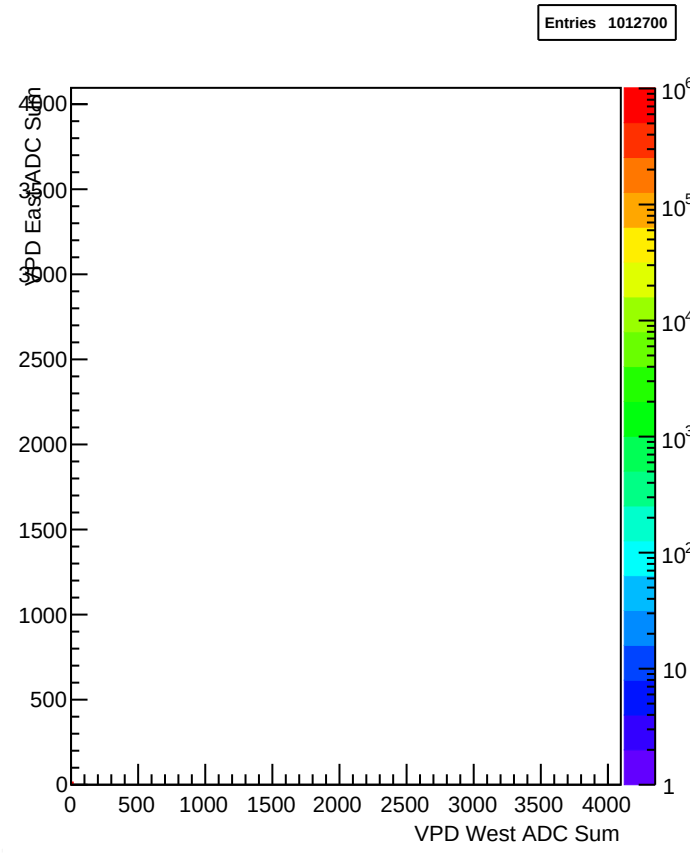

Entries 1012700
BBC-S-West ADC Sum
VPD-West ADC Sum

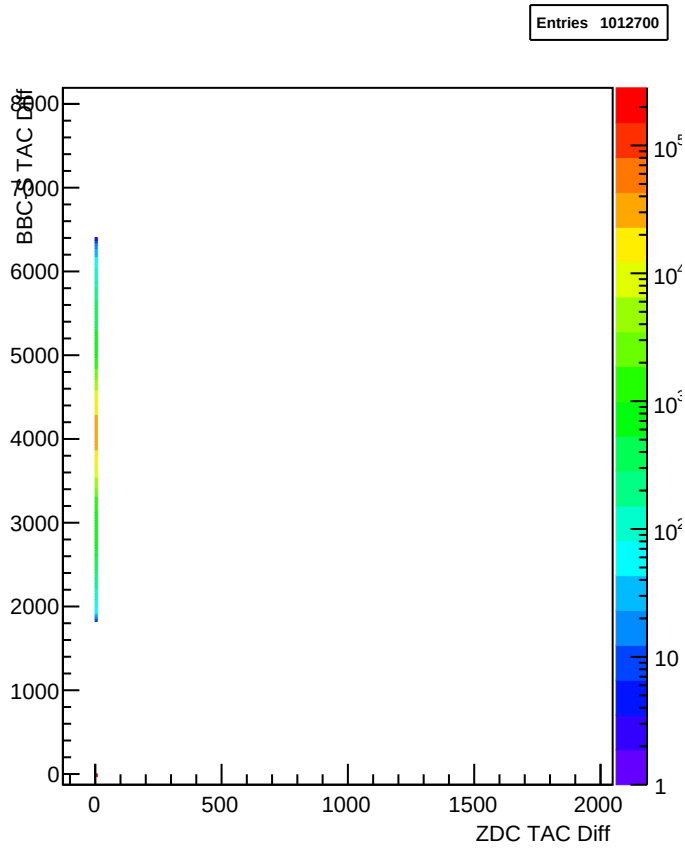

Entries 1012700
VPD-East ADC Sum
ZDC-East ADC Sum Att

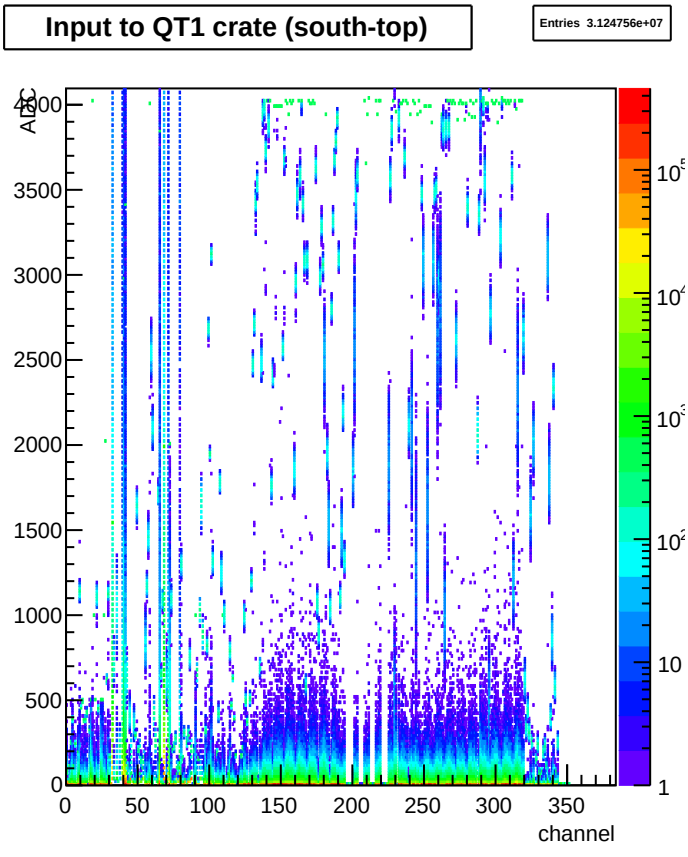

Entries 1012700
VPD-West ADC Sum
ZDC-West ADC Sum Att

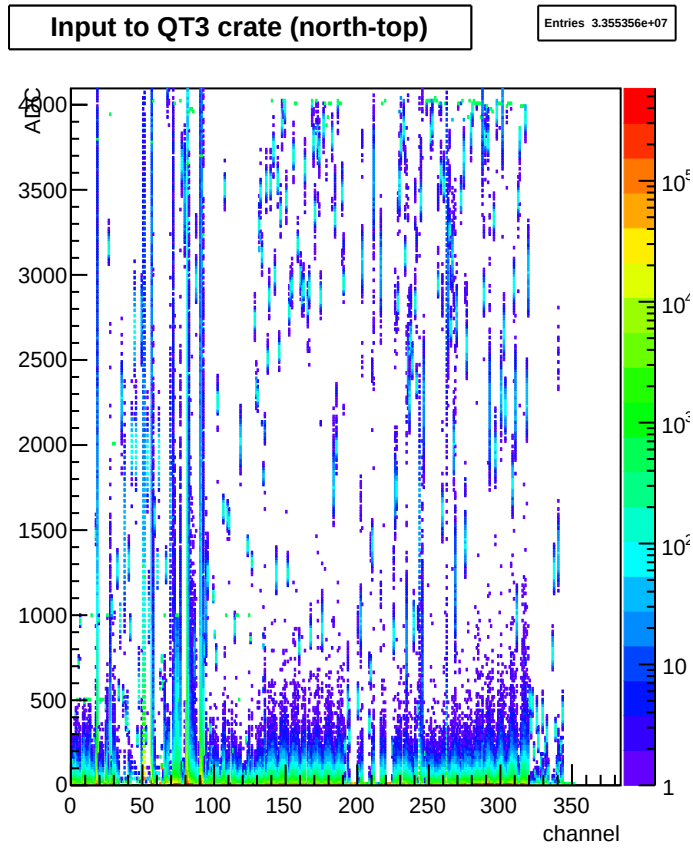

Entries 1012700
BBC-S-East ADC Sum
BBC-S-West ADC Sum

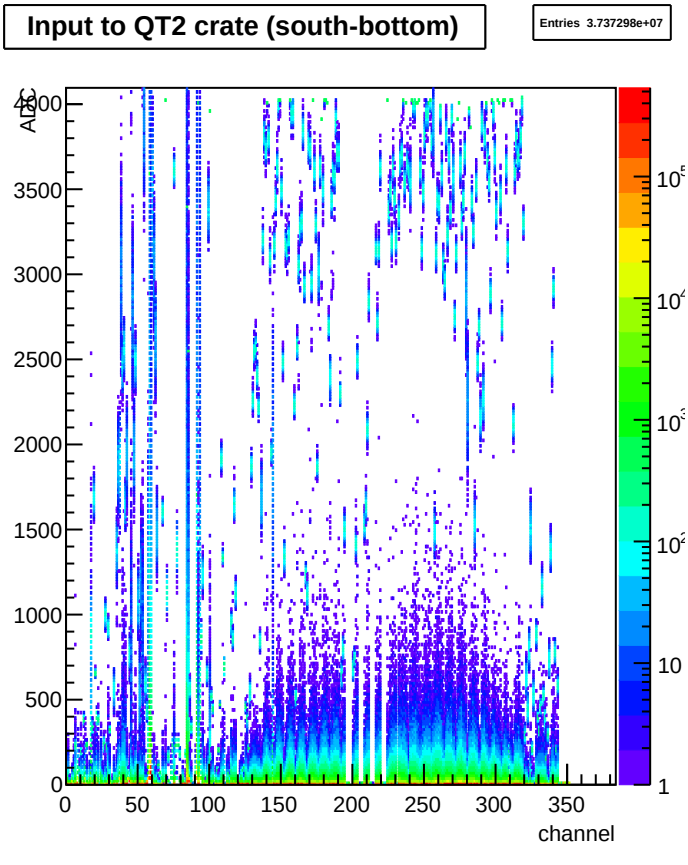

Entries 1012700
ZDC East ADC Sum Att
ZDC West ADC Sum Att

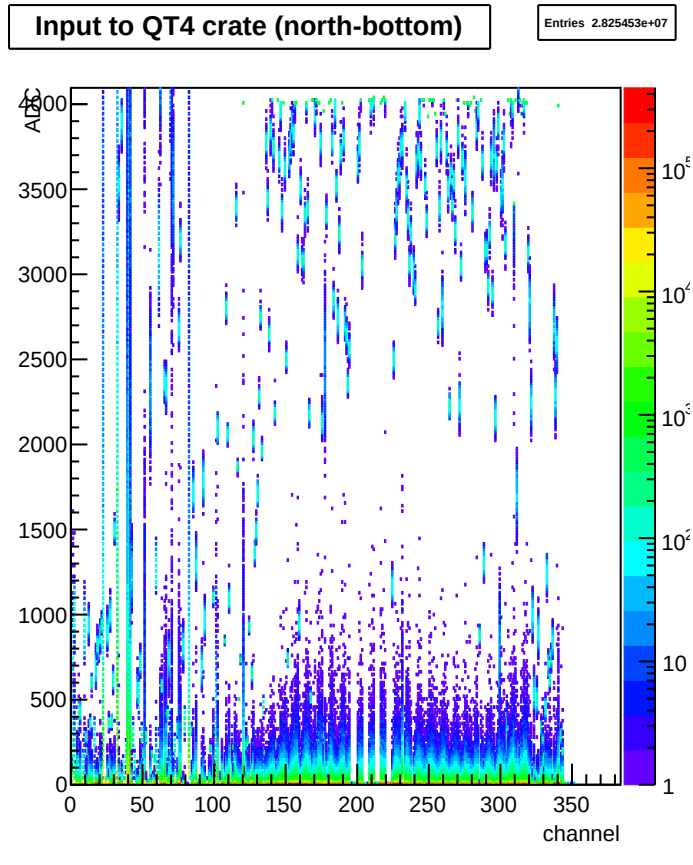

Entries 1012700
VPD East ADC Sum
VPD West ADC Sum

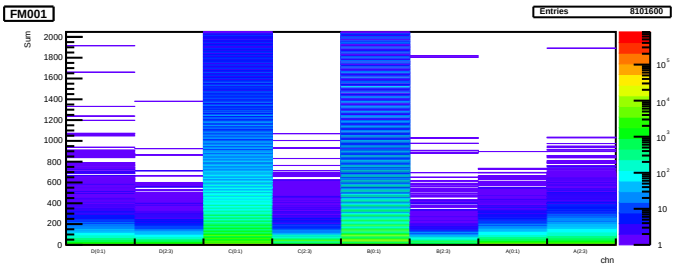

Entries 1012700
BBC-S TAC Diff
ZDC TAC Diff

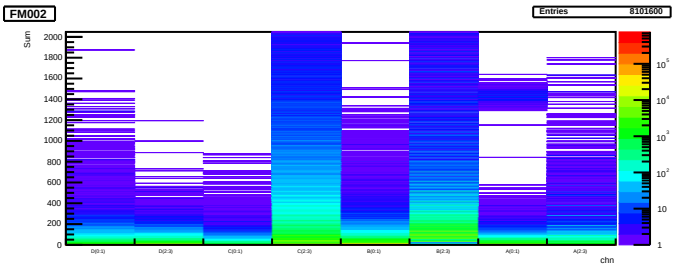

Input to QT1 crate (south-top)
Entries 3.124756e+07
ADC
channel

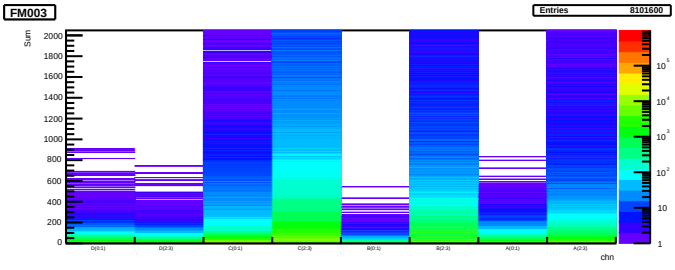

Input to QT3 crate (north-top)
Entries 3.355356e+07
ADC
channel

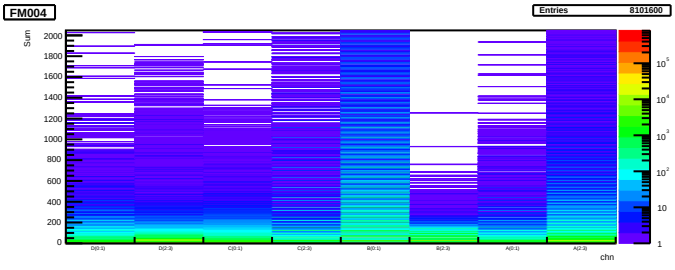

Input to QT2 crate (south-bottom)
Entries 3.737298e+07
ADC
channel

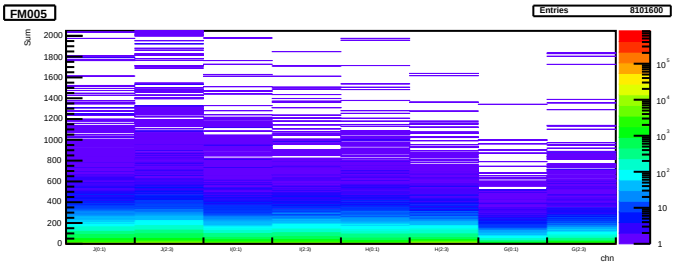

Input to QT4 crate (north-bottom)
Entries 2.825453e+07
ADC
channel

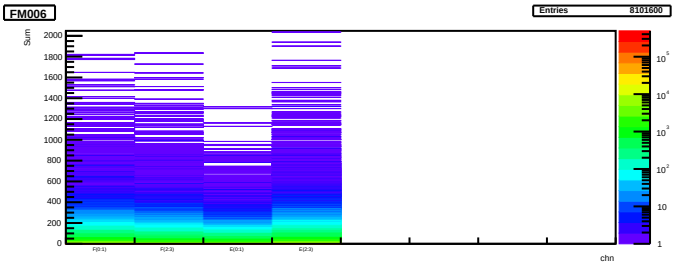

FM001
Entries 8101600
Sum
chn

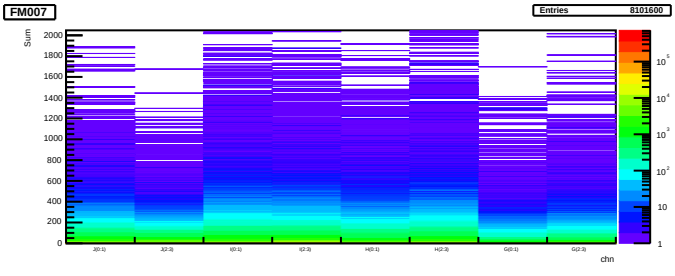

FM002
Entries 8101600
Sum
chn

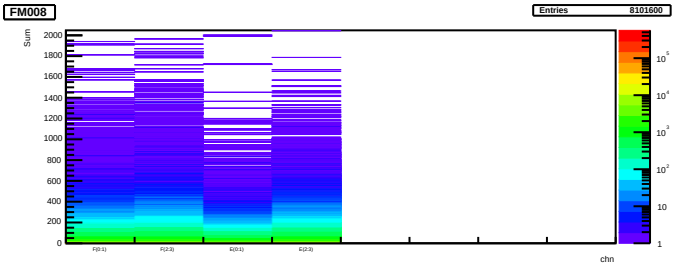

FM003
Entries 8101600
Sum
chn

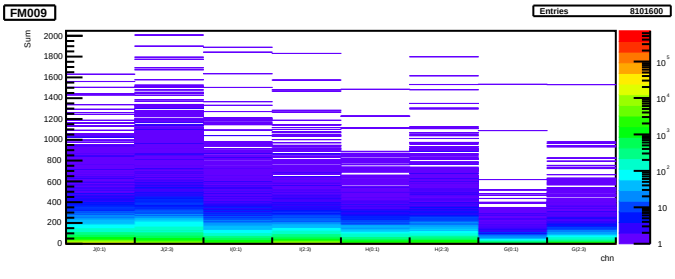

FM004
Entries 8101600
Sum
chn

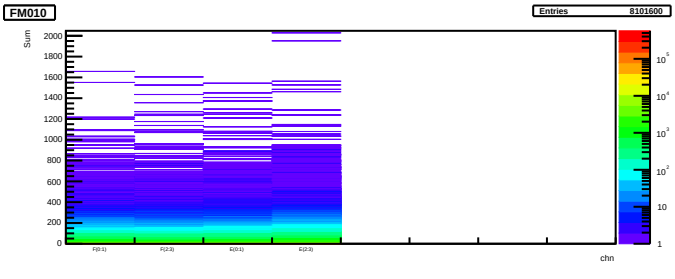

FM005
Entries 8101600
Sum
chn

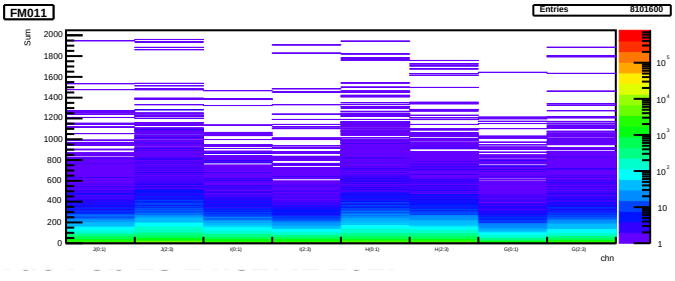

FM006
Entries 8101600
Sum
chn

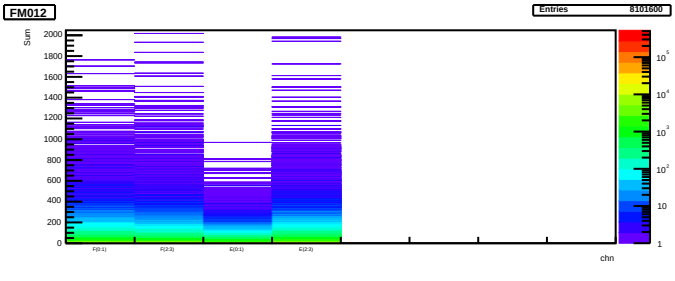

FM007
Entries 8101600
Sum
chn

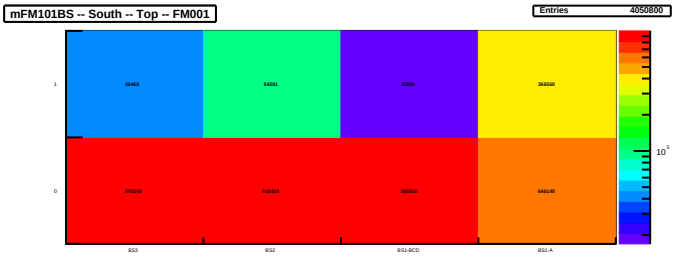

FM008
Entries 8101600
Sum
chn

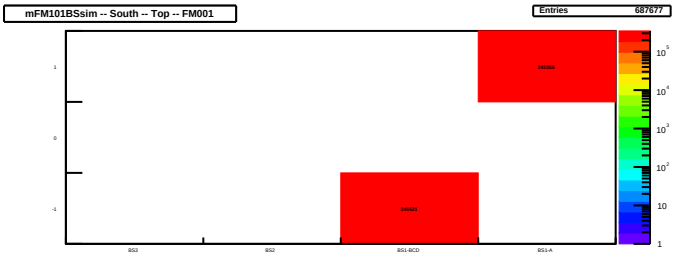

FM009
Entries 8101600
Sum
chn

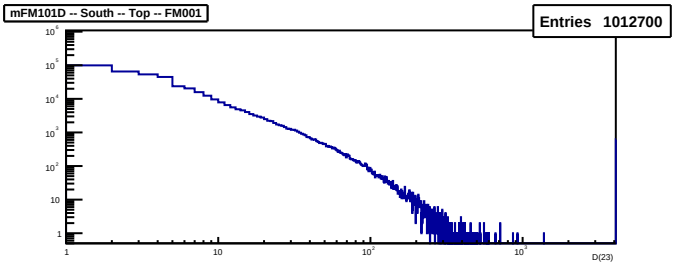

FM010
Entries 8101600
Sum
chn

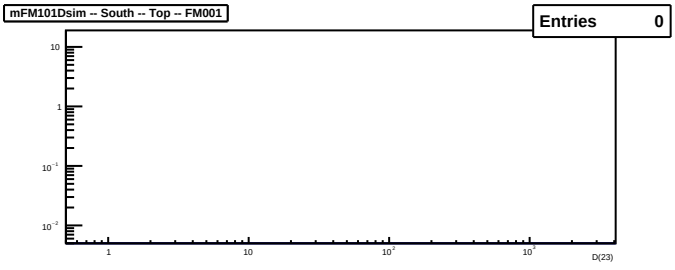

FM011
Entries 8101600
Sum
chn

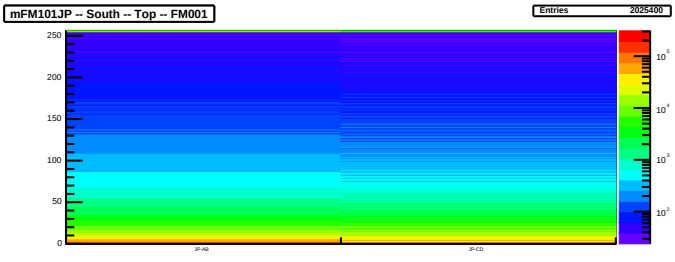

FM012
Entries 8101600
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 4050800
BS3
BS2
BS1-BCD
BS1-A

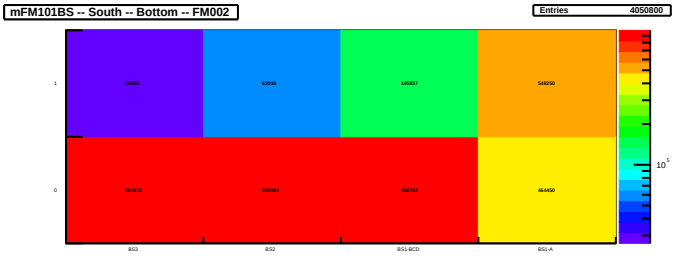

mFM101BSsim -- South -- Top -- FM001
Entries 687677
BS3
BS2
BS1-BCD
BS1-A

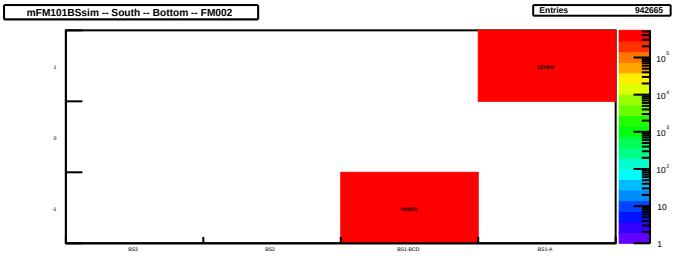

mFM101D -- South -- Top -- FM001
Entries 1012700
D(23)

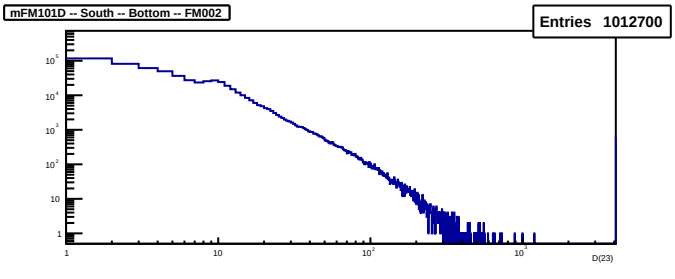

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

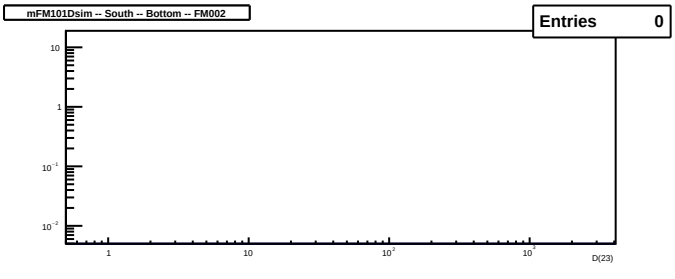

mFM101JP -- South -- Top -- FM001
Entries 2025400
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 4050800
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Bottom -- FM002
Entries 942665
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 1012700
D(23)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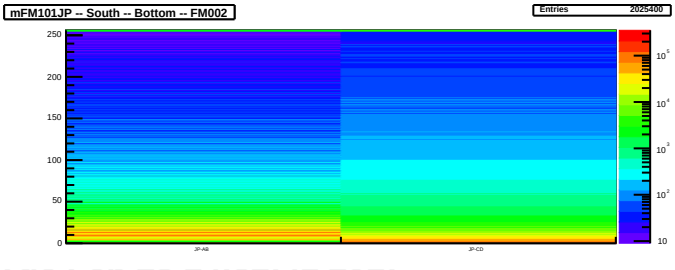
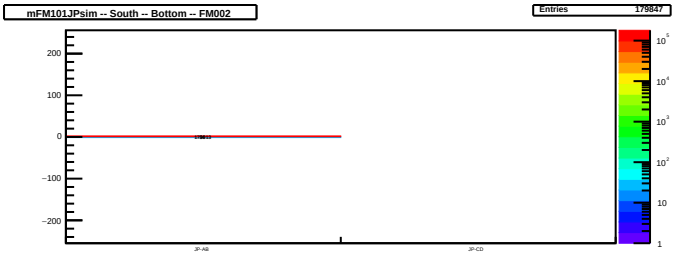
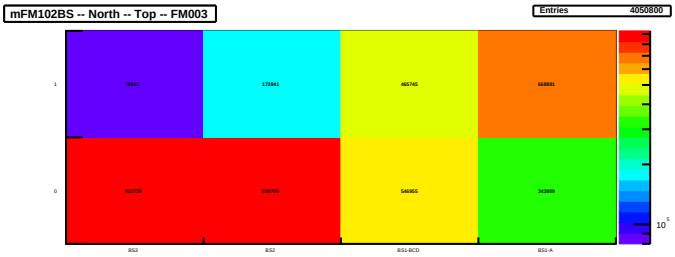
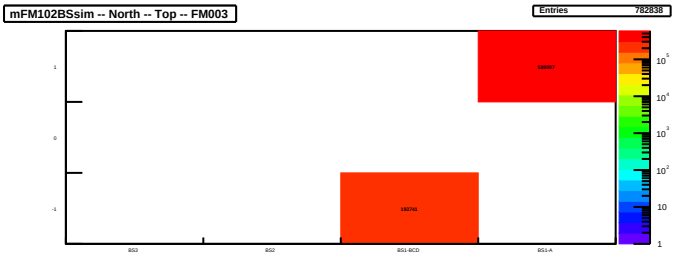
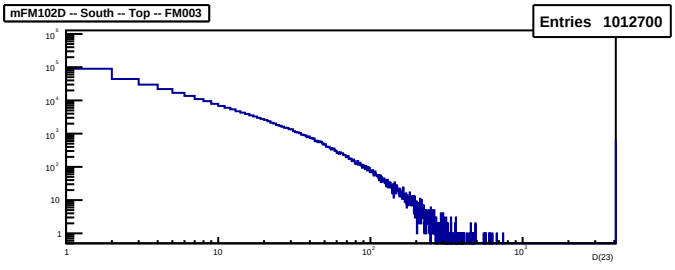
Entries 0
D(23)

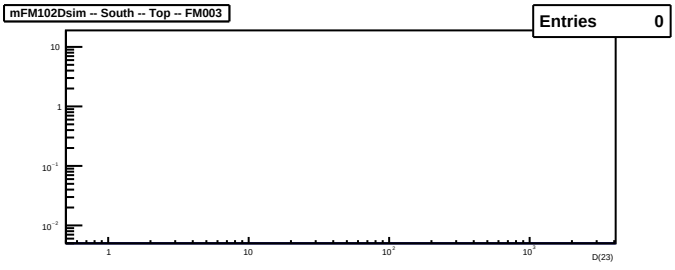

mFM101JP -- South -- Bottom -- FM002
Entries 2025400
JP-AB
JP-CD

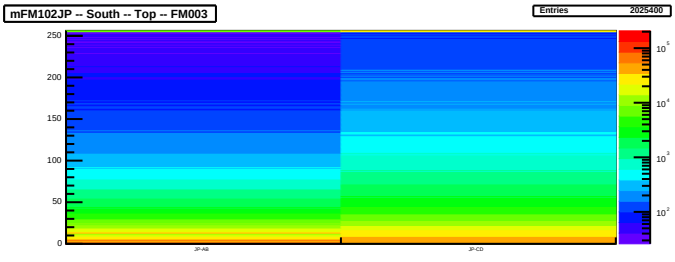

mFM101JPsim -- South -- Bottom -- FM002
Entries 179847
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 4050800
BS3
BS2
BS1-BCD
BS1-A

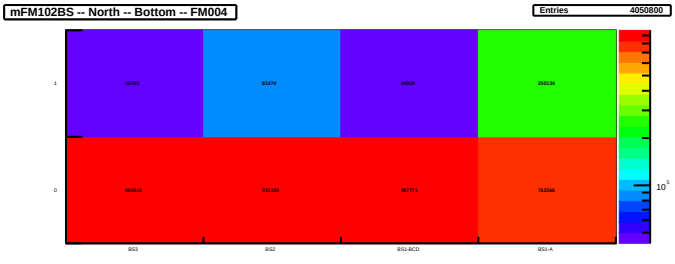

mFM102BSsim -- North -- Top -- FM003
Entries 782838
BS3
BS2
BS1-BCD
BS1-A

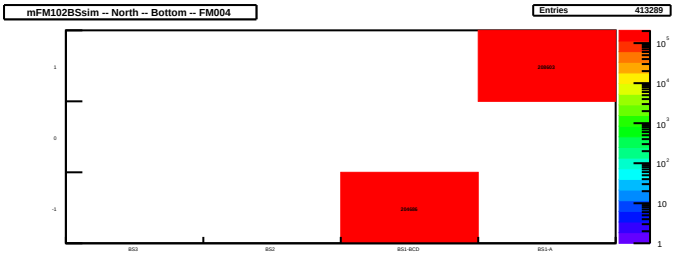

mFM102D -- South -- Top -- FM003
Entries 1012700
D(23)

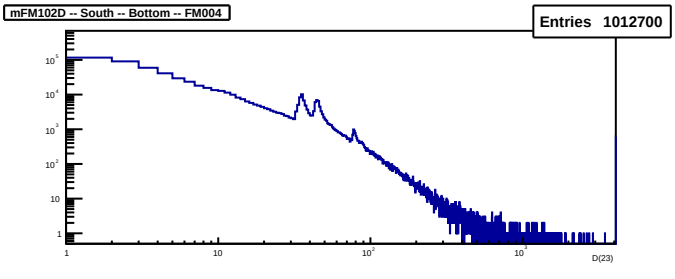

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

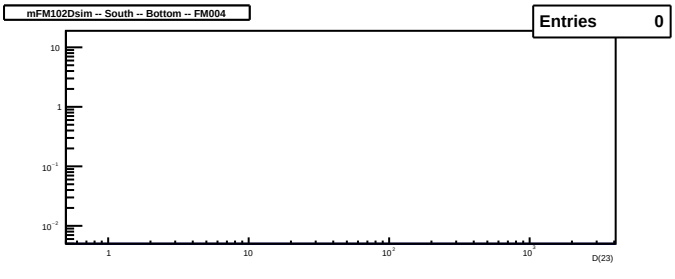

mFM102JP -- South -- Top -- FM003
Entries 2025400
JP-AB
JP-CD

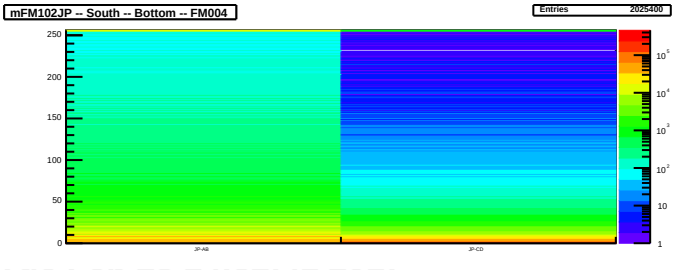
mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD

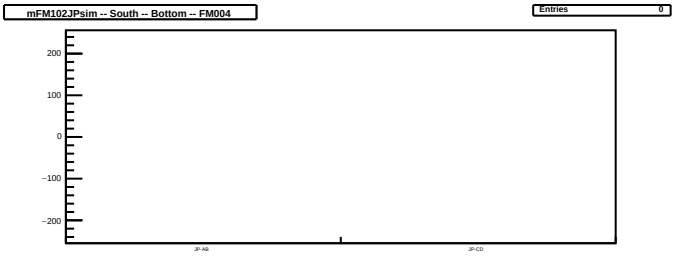

mFM102BS -- North -- Bottom -- FM004
Entries 4050800
BS3
BS2
BS1-BCD
BS1-A

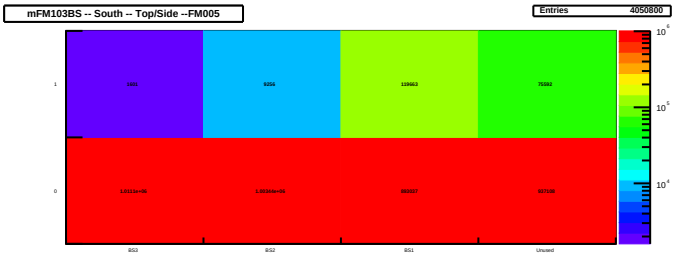

mFM102BSsim -- North -- Bottom -- FM004
Entries 413289
BS3
BS2
BS1-BCD
BS1-A

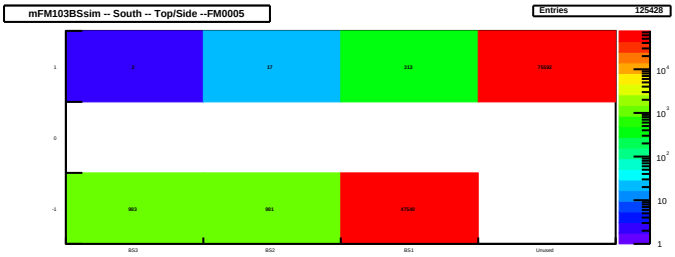

mFM102D -- South -- Bottom -- FM004
Entries 1012700
D(23)

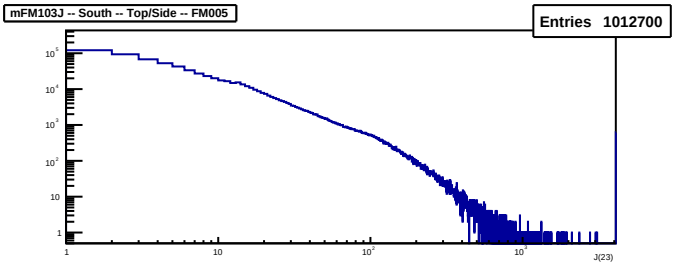

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

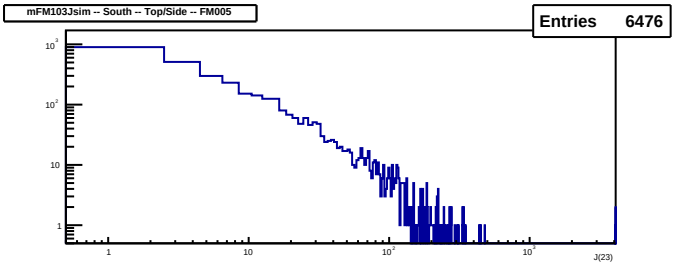

mFM102JP -- South -- Bottom -- FM004
Entries 2025400
JP-AB
JP-CD

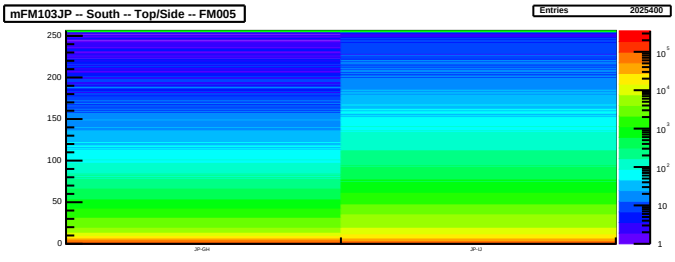

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

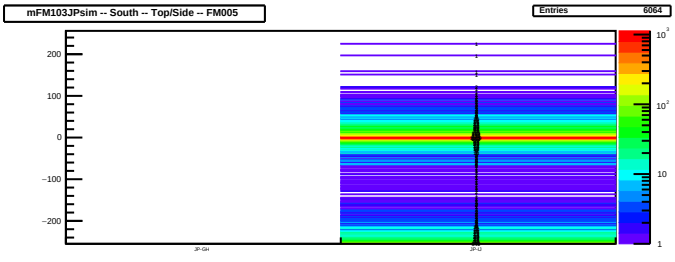

mFM103BS -- South -- Top/Side --FM005
Entries 4050800
BS3
BS2
BS1
Unused

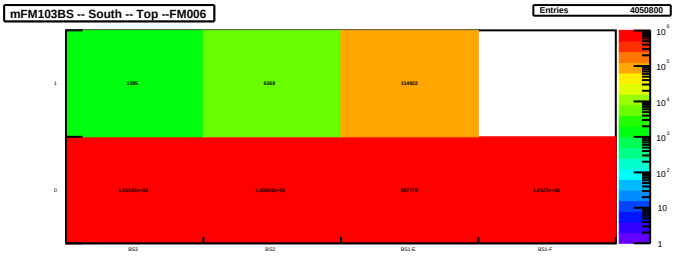

mFM103BSsim -- South -- Top/Side --FM0005
Entries 125428
BS3
BS2
BS1
Unused

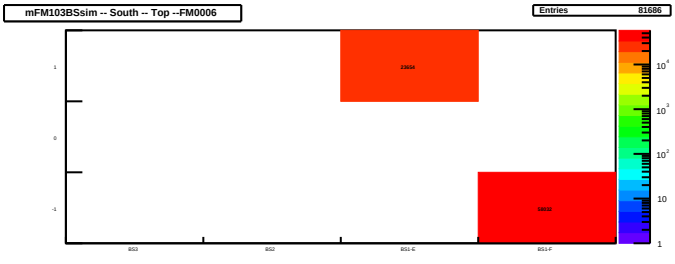

mFM103J -- South -- Top/Side -- FM005
Entries 1012700
J(23)

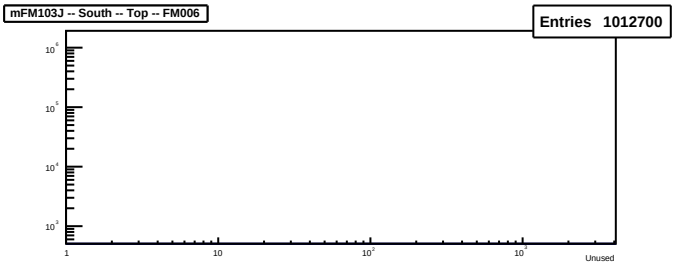

mFM103Jsim -- South -- Top/Side -- FM005
Entries 6476
J(23)

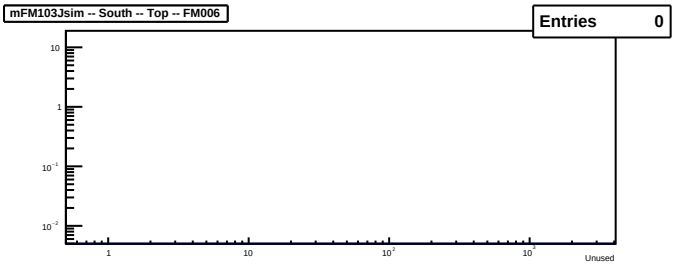

mFM103JP -- South -- Top/Side -- FM005
Entries 2025400
JP-GH
JP-IJ

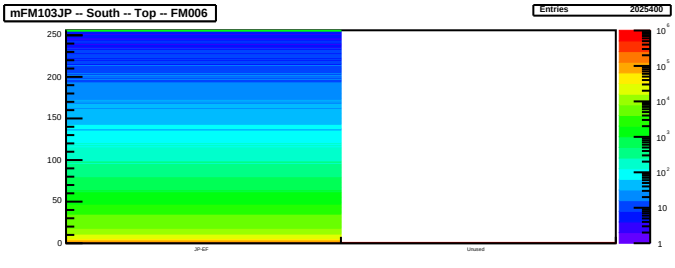

mFM103JPsim -- South -- Top/Side -- FM005
Entries 6064
JP-GH
JP-IJ

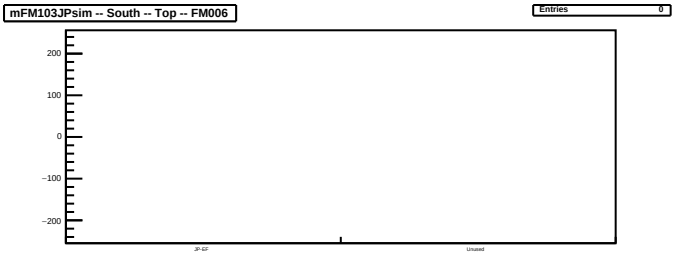

mFM103BS -- South -- Top --FM006
Entries 4050800
BS3
BS2
BS1-E
BS1-F

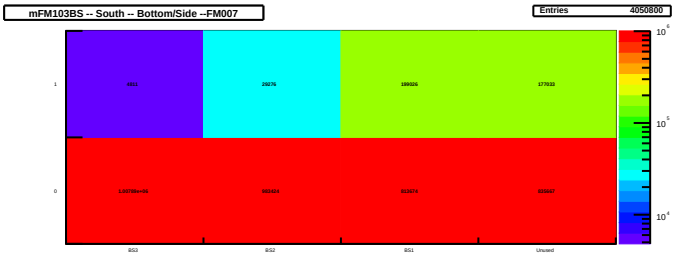

mFM103BSsim -- South -- Top --FM0006
Entries 81686
BS3
BS2
BS1-E
BS1-F

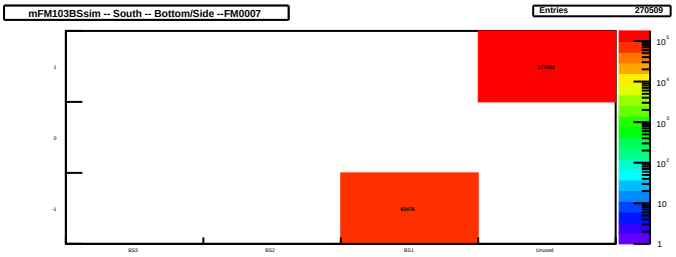

mFM103J -- South -- Top -- FM006
Entries 1012700
Unused

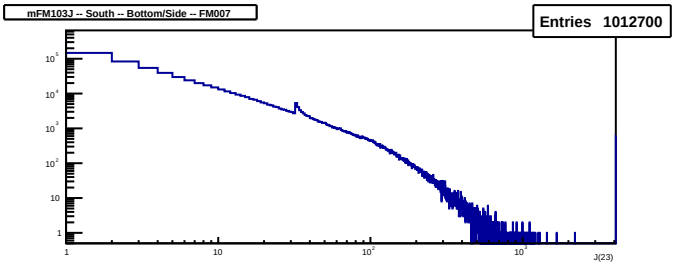

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

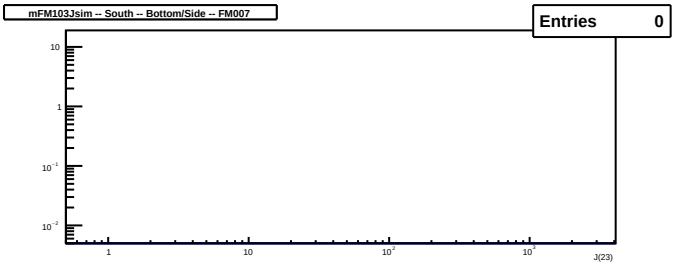

mFM103JP -- South -- Top -- FM006
Entries 2025400
JP-EF
Unused

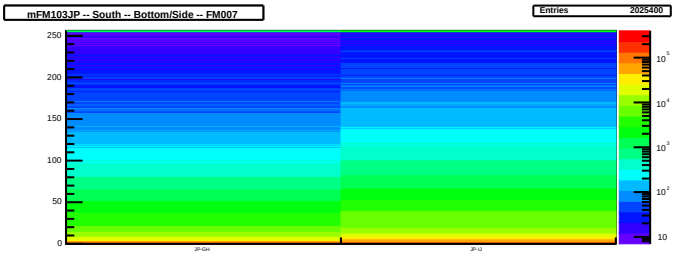

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

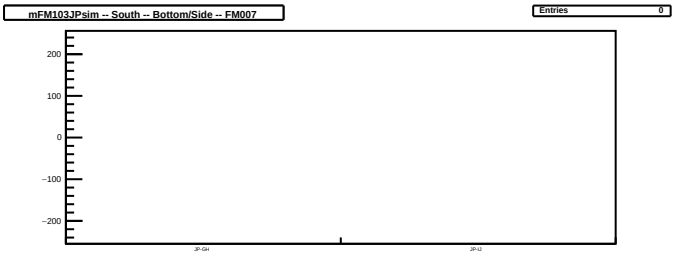

mFM103BS -- South -- Bottom/Side --FM007
Entries 4050800

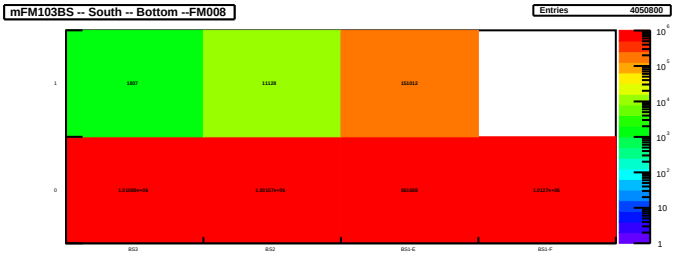

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 270509

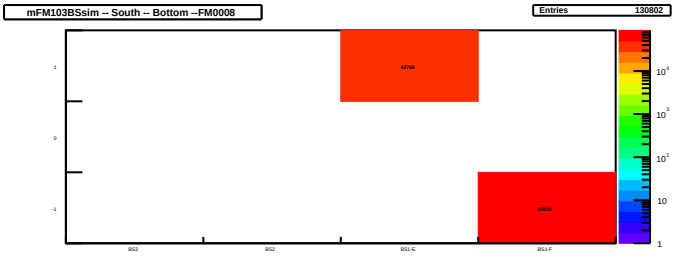

mFM103J -- South -- Bottom/Side -- FM007
Entries 1012700
J(23)

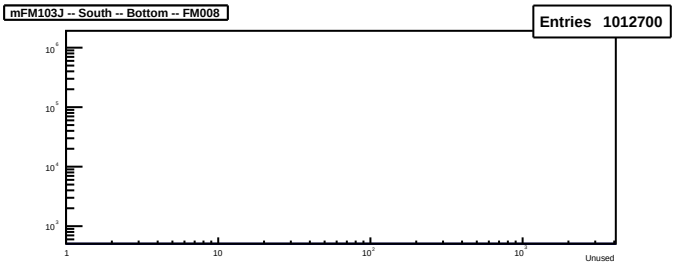

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

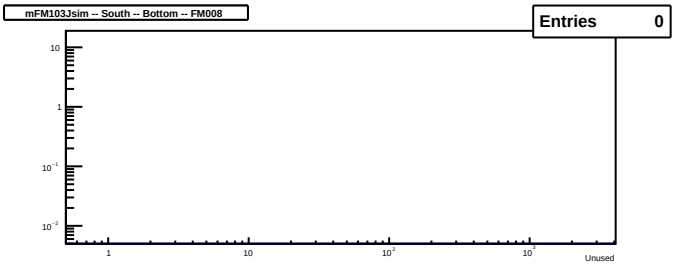

mFM103JP -- South -- Bottom/Side -- FM007
Entries 2025400


mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0


mFM103BS -- South -- Bottom --FM008
Entries 4050800


mFM103BSsim -- South -- Bottom --FM0008
Entries 130802


mFM103J -- South -- Bottom -- FM008
Entries 1012700
Unused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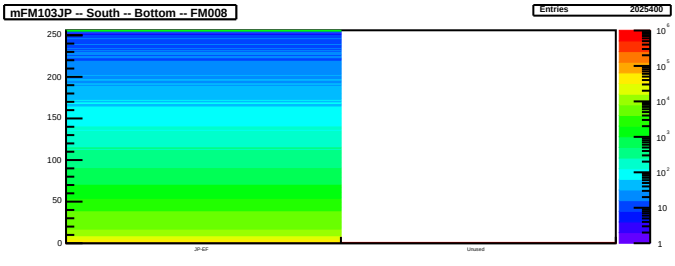
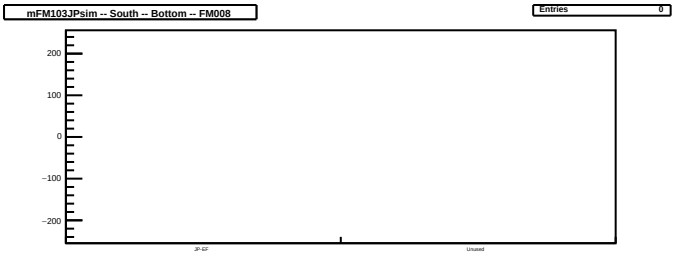
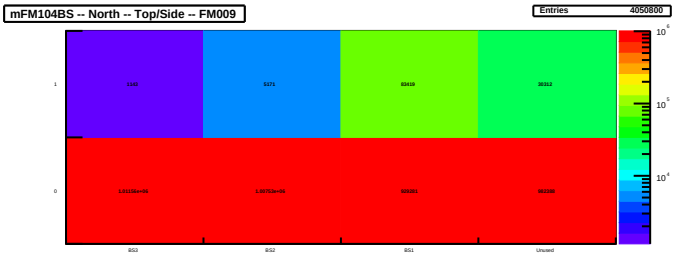
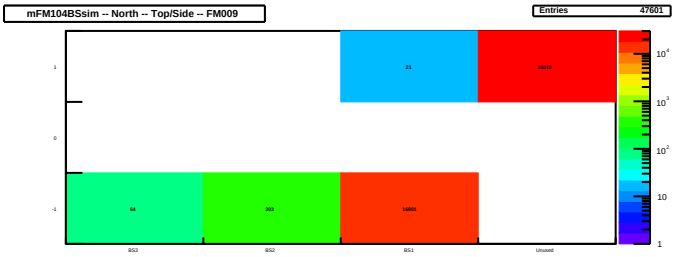
Entries 0
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 2025400


mFM103JPsim -- South -- Bottom -- FM008
Entries 0


mFM104BS -- North -- Top/Side -- FM009
Entries 4050800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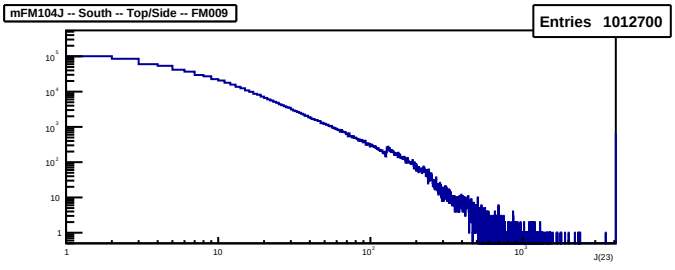
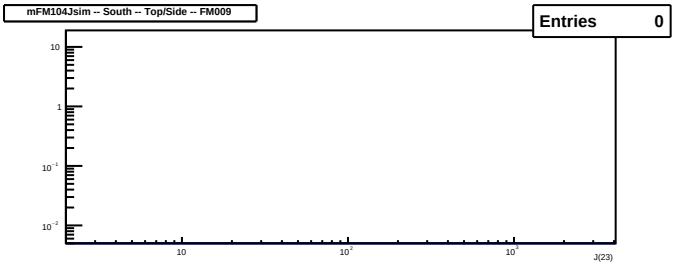
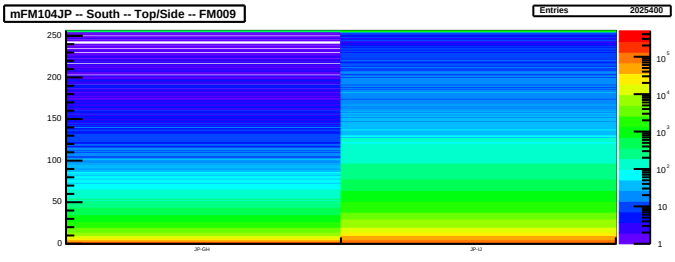
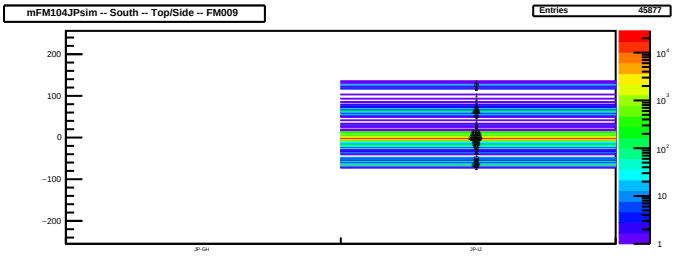
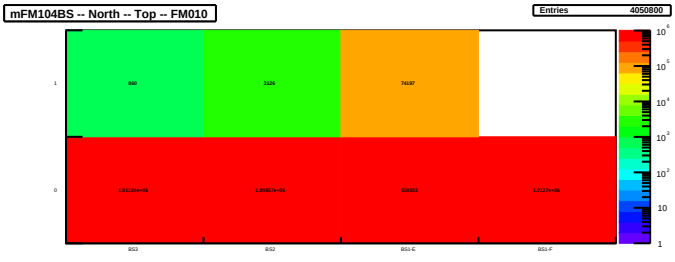
Entries 47601

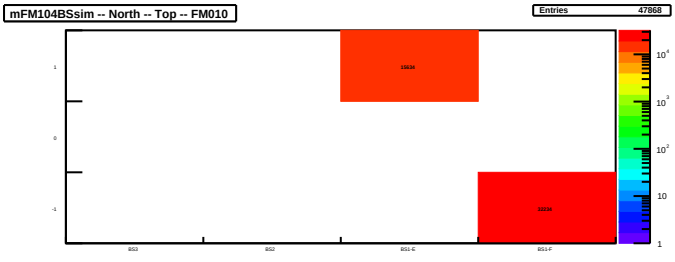

mFM104J -- South -- Top/Side -- FM009
Entries 1012700
J(23)

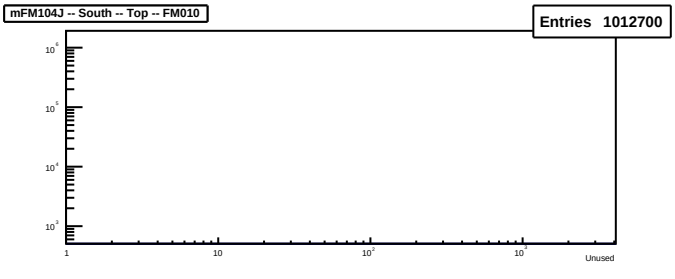

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

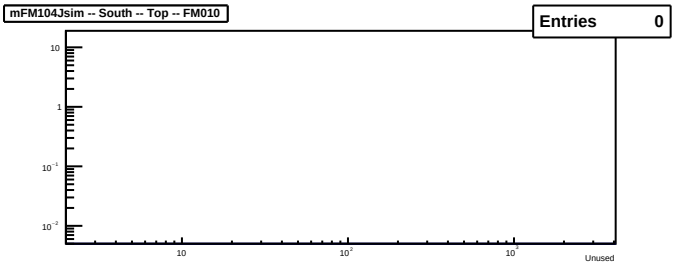

mFM104JP -- South -- Top/Side -- FM009
Entries 2025400

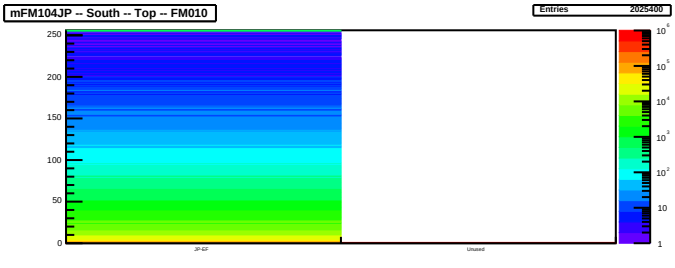

mFM104JPsim -- South -- Top/Side -- FM009
Entries 45877

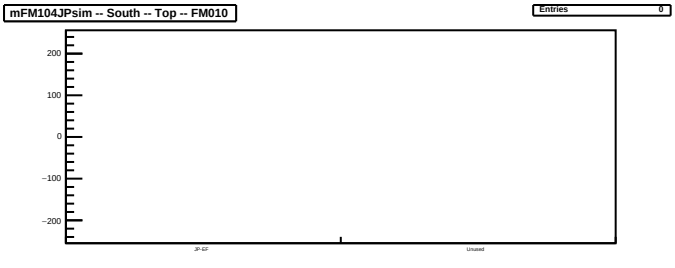

mFM104BS -- North -- Top -- FM010
Entries 4050800

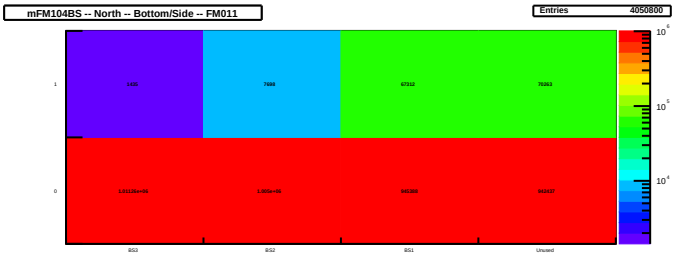

mFM104BSsim -- North -- Top -- FM010
Entries 47868

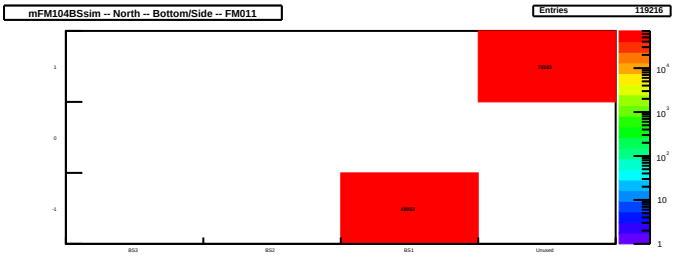

mFM104J -- South -- Top -- FM010
Entries 1012700
Unused

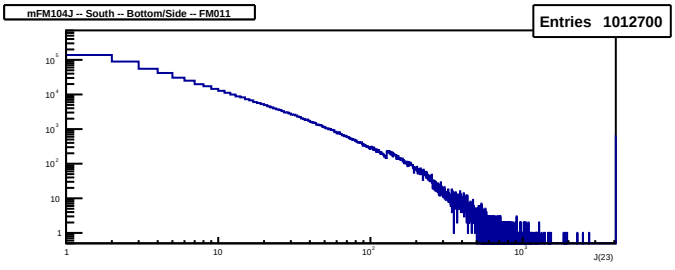

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

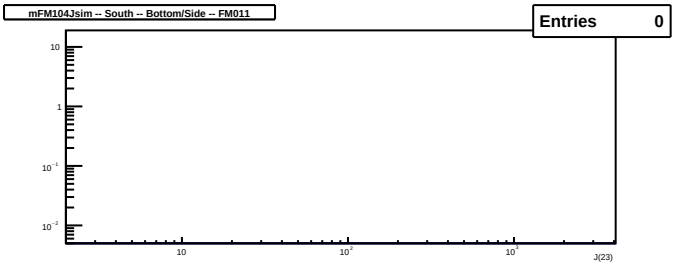

mFM104JP -- South -- Top -- FM010
Entries 2025400

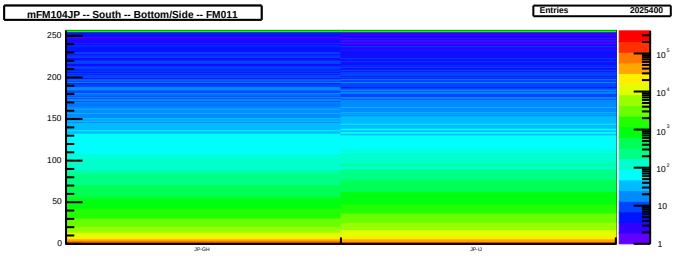

mFM104JPsim -- South -- Top -- FM010
Entries 0

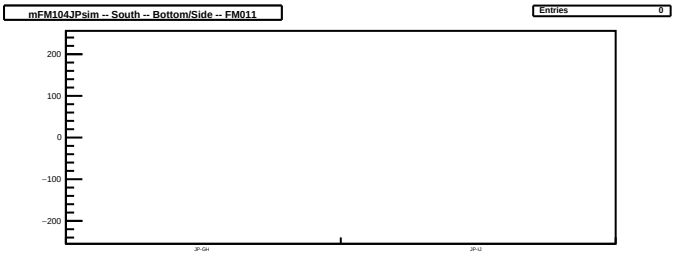

mFM104BS -- North -- Bottom/Side -- FM011
Entries 4050800

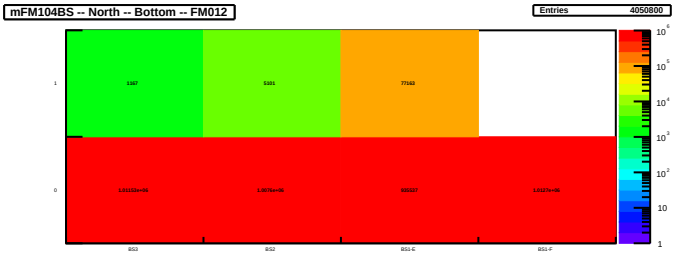

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 119216

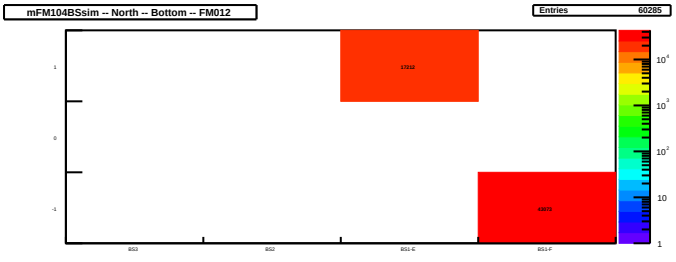

mFM104J -- South -- Bottom/Side -- FM011
Entries 1012700
J(23)

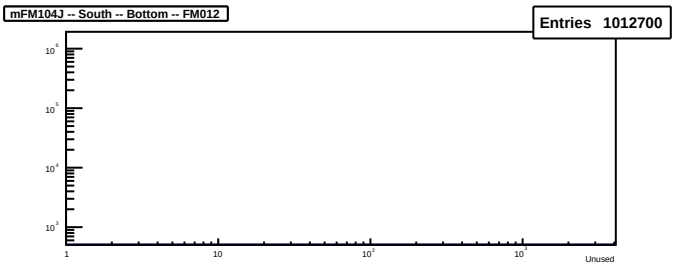

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

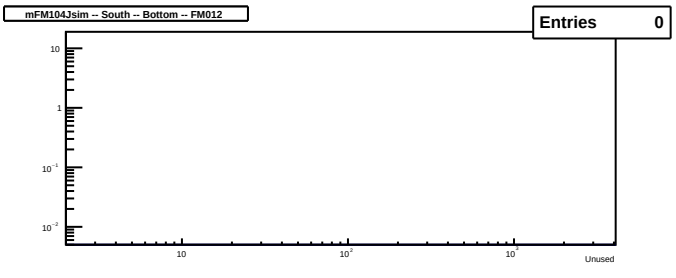

mFM104JP -- South -- Bottom/Side -- FM011
Entries 2025400

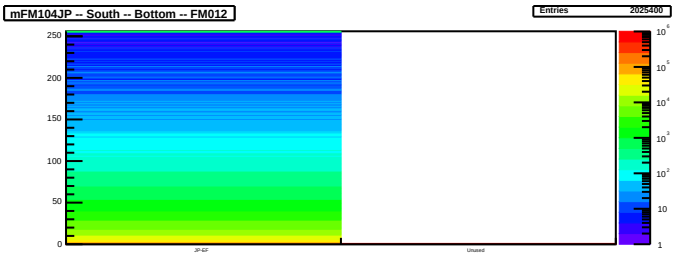

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0


mFM104BS -- North -- Bottom -- FM012
Entries 4050800

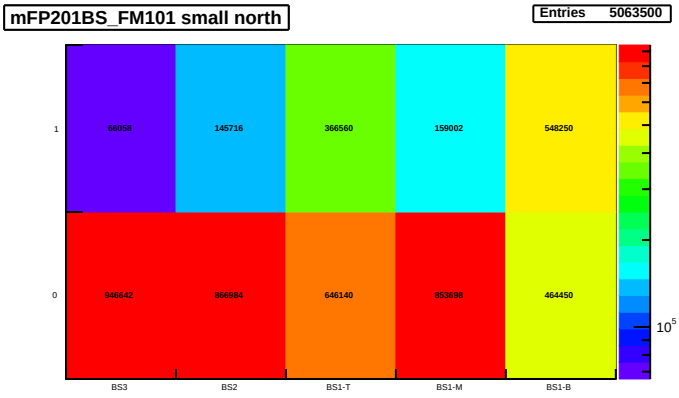

mFM104BSsim -- North -- Bottom -- FM012
Entries 60285

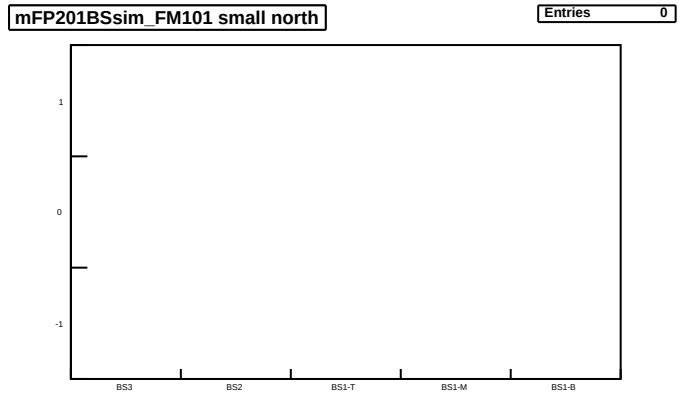

mFM104J -- South -- Bottom -- FM012
Entries 1012700
Unused

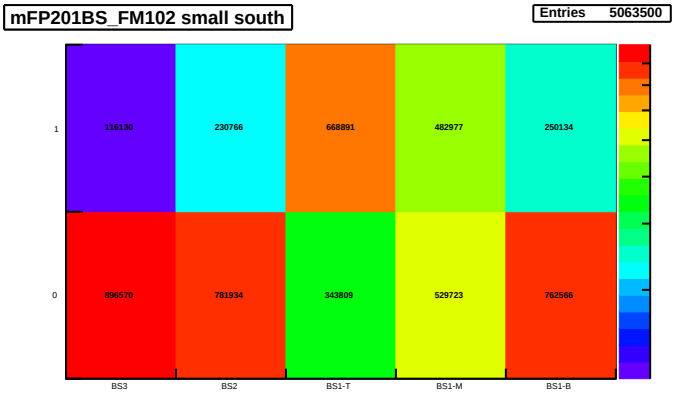

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

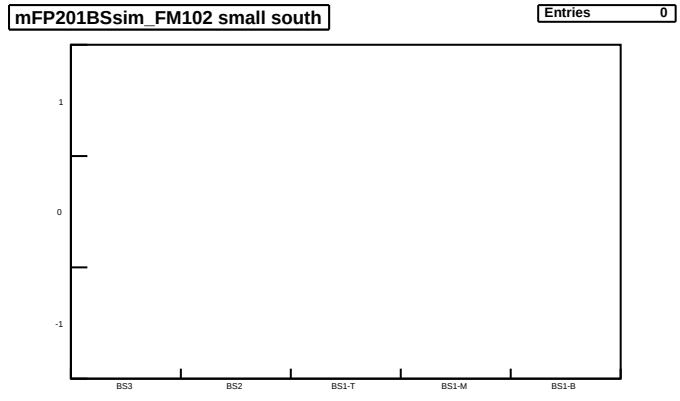

mFM104JP -- South -- Bottom -- FM012
Entries 2025400

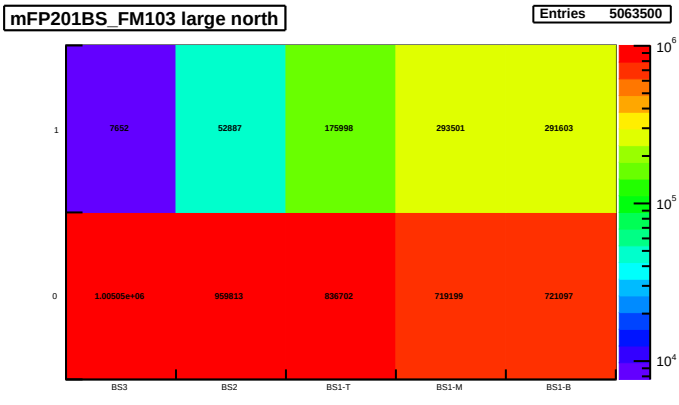
mFM104JPsim -- South -- Bottom -- FM012
Entries 0

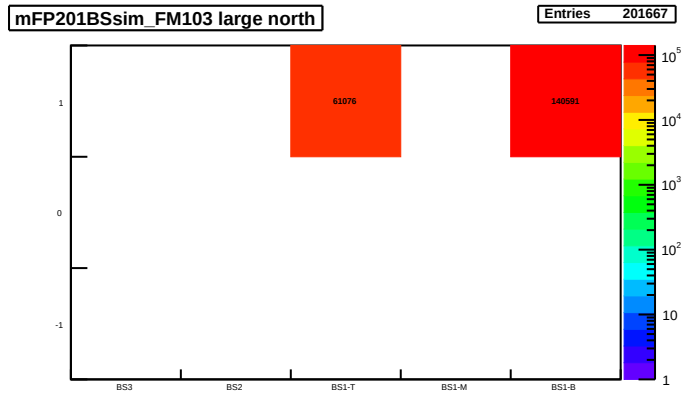

mFP201BS_FM101 small north
Entries 5063500
66058
145716
366560
159002
548250
946642
866984
646140
853698
464450
BS3
BS2
BS1-T
BS1-M
BS1-B

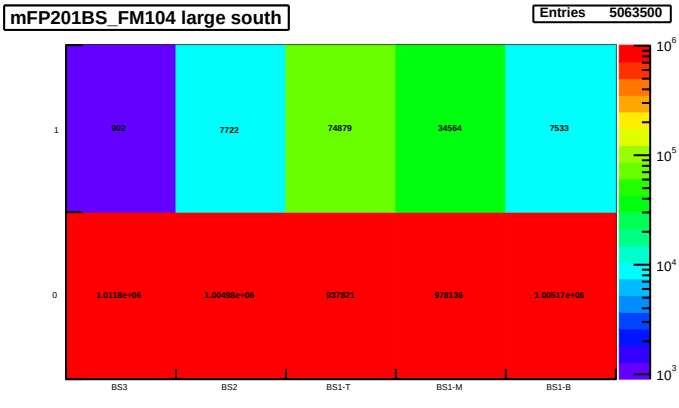

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

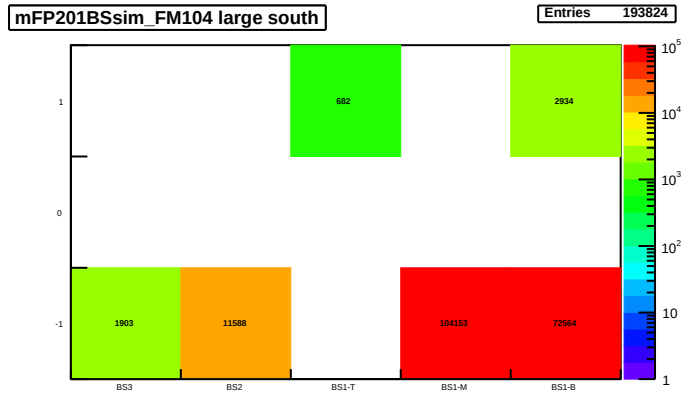

mFP201BS_FM102 small south
Entries 5063500
116130
230766
668891
482977
250134
896570
781934
343809
529723
762566
BS3
BS2
BS1-T
BS1-M
BS1-B

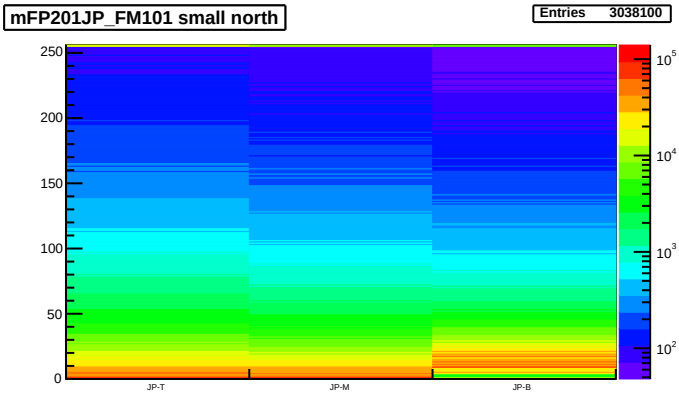

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

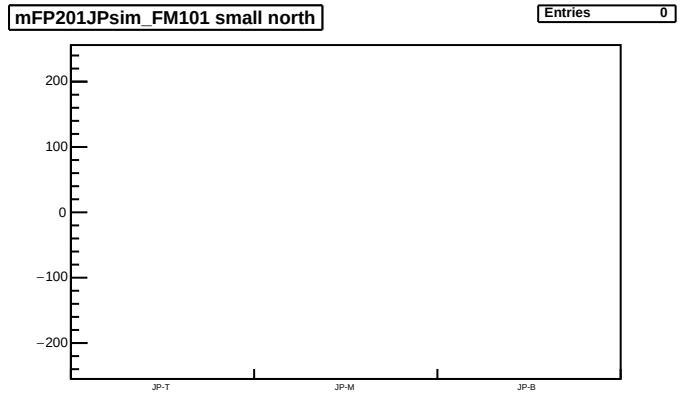

mFP201BS_FM103 large north
Entries 5063500
7652
52887
175998
293501
291603
1.00505e+06
959813
836702
719199
721097
BS3
BS2
BS1-T
BS1-M
BS1-B

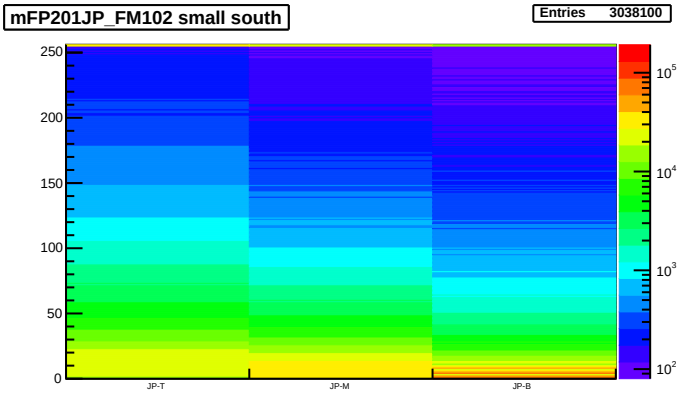

mFP201BSsim_FM103 large north
Entries 201667
61076
140591
BS3
BS2
BS1-T
BS1-M
BS1-B

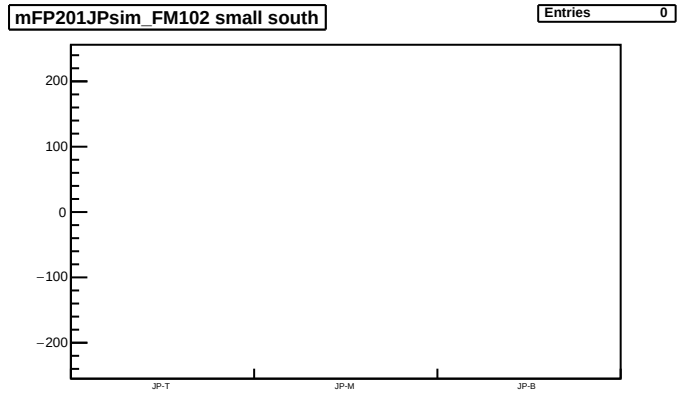

mFP201BS_FM104 large south
Entries 5063500
902
7722
74879
34564
7533
1.0118e+06
1.00498e+06
937821
978136
1.00517e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

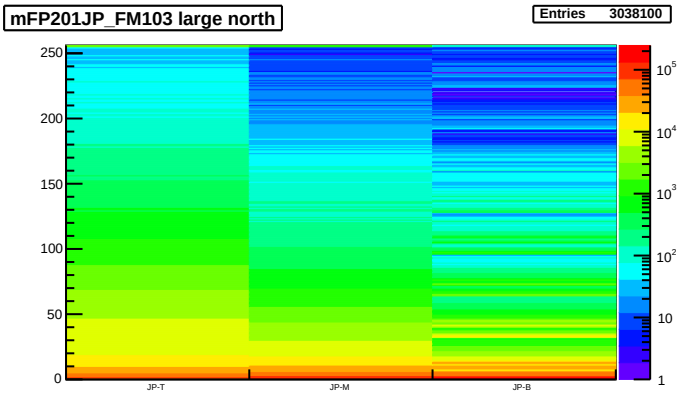

mFP201BSsim_FM104 large south
Entries 193824
682
2934
1903
11588
104153
72564
BS3
BS2
BS1-T
BS1-M
BS1-B

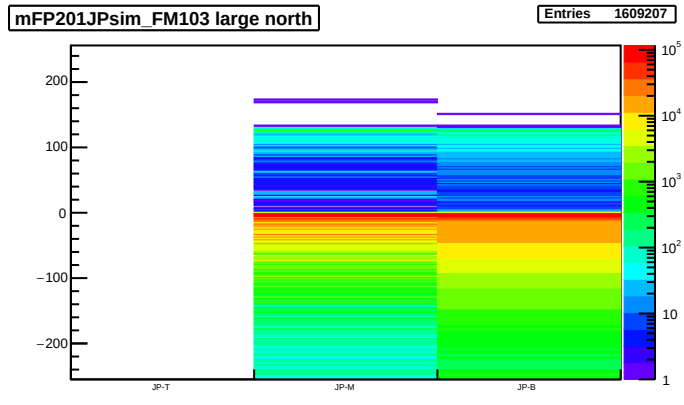

mFP201JP_FM101 small north
Entries 3038100
JP-T
JP-M
JP-B

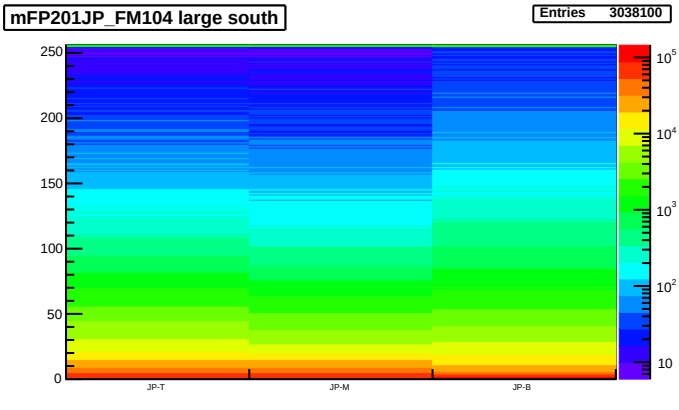

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

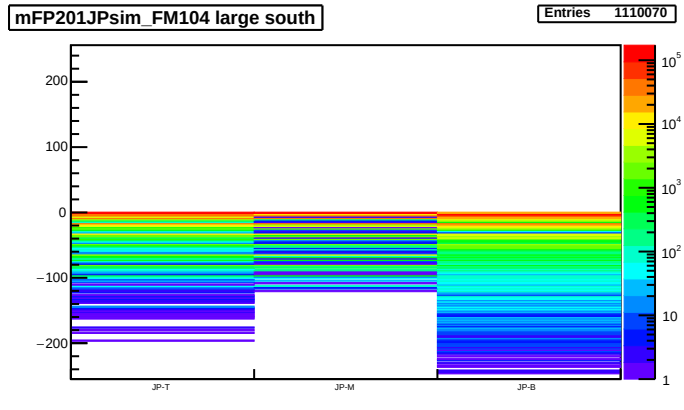

mFP201JP_FM102 small south
Entries 3038100
JP-T
JP-M
JP-B

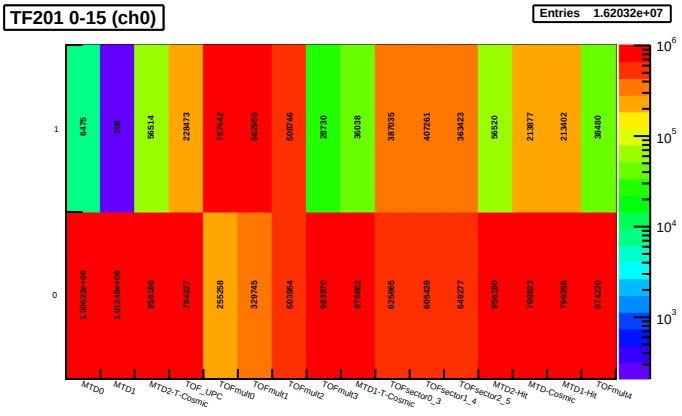

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

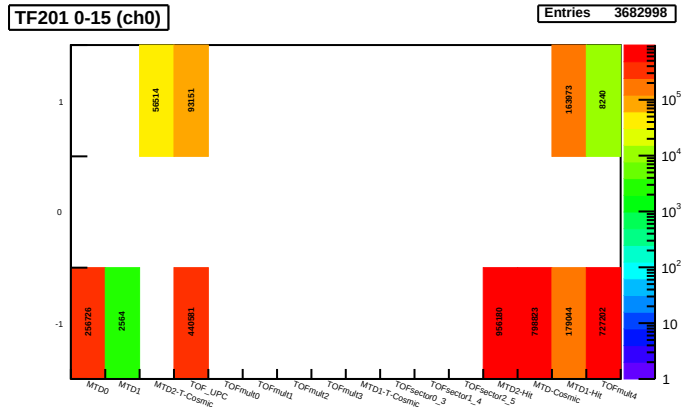

mFP201JP_FM103 large north
Entries 3038100
JP-T
JP-M
JP-B

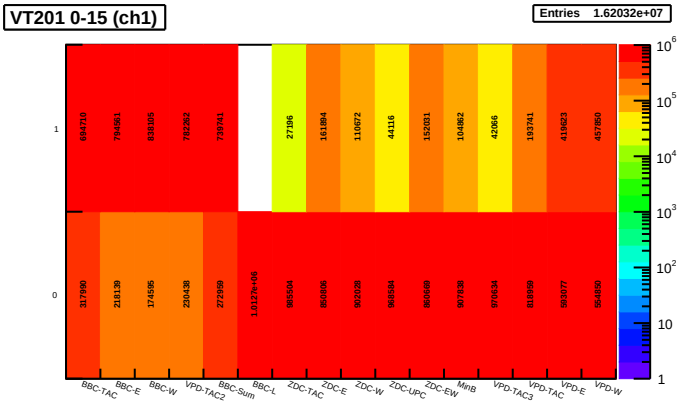

mFP201JPsim_FM103 large north
Entries 1609207
JP-T
JP-M
JP-B

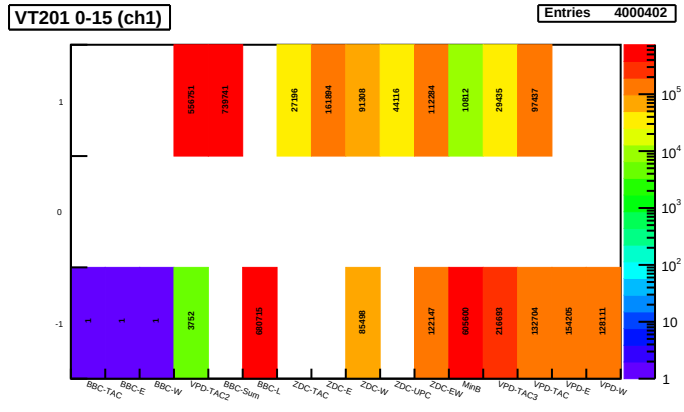

mFP201JP_FM104 large south
Entries 3038100
JP-T
JP-M
JP-B

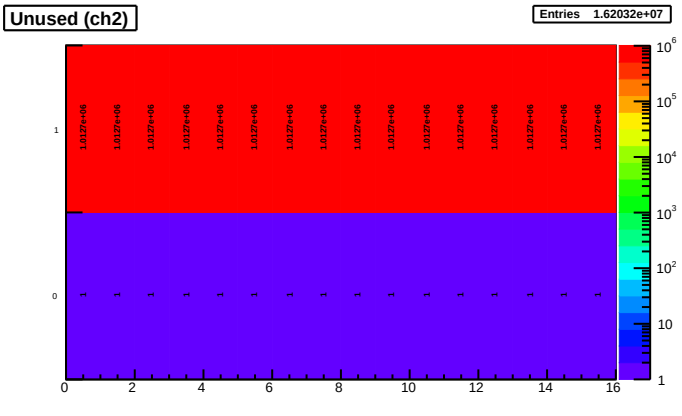

mFP201JPsim_FM104 large south
Entries 1110070
JP-T
JP-M
JP-B

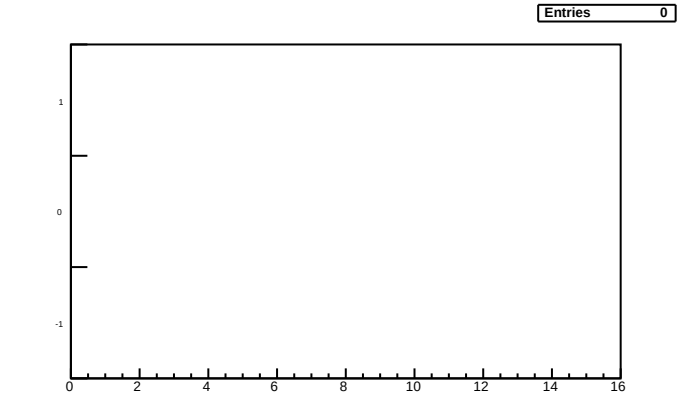

TF201 0-15 (ch0)
Entries 1.62032e+07
6475 208 55514 229473 757442 682955 508746 28730 36038 387035 407261 383423 56520 213877 213402 38480
1.00622e+06 1.01249e+06 956186 784227 255258 329745 503854 983970 976662 625665 605439 649277 956180 798823 799298 974220
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

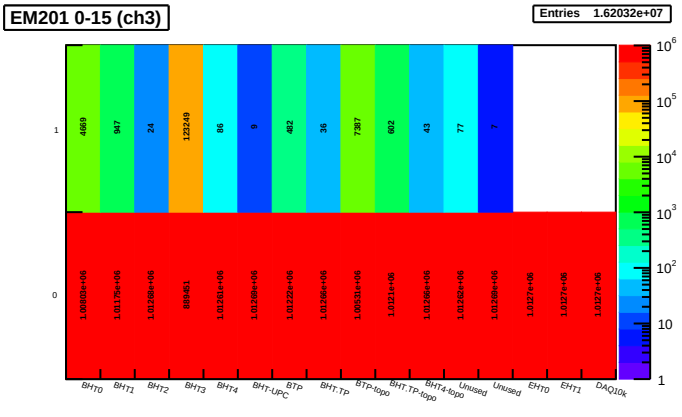

TF201 0-15 (ch0)
Entries 3682998
55614 93151 163973 8240
256726 2564 440981 956180 798823 179044 727202
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

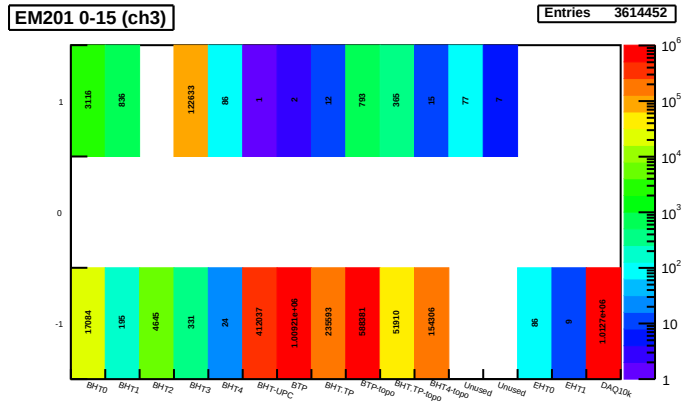

VT201 0-15 (ch1)
Entries 1.62032e+07
694710 794561 838195 782262 739741 27196 161894 110672 44116 152031 104862 42066 193741 419623 457860
317990 218139 174595 230438 272959 1.0127e+06 985504 850806 920028 968594 850669 907838 970634 818939 593077 554850
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

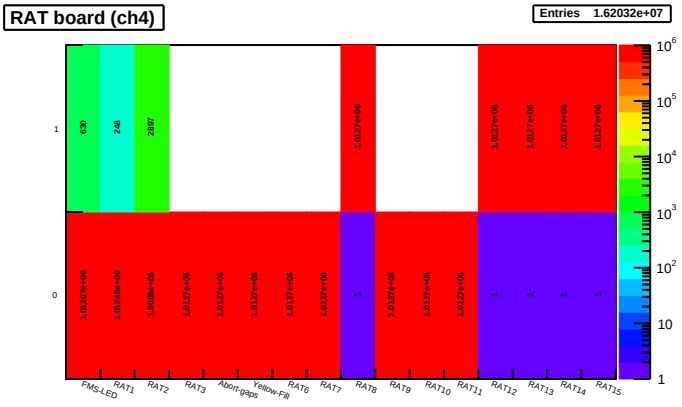

VT201 0-15 (ch1)
Entries 4000402
556751 739741 27196 161894 91308 44116 112284 10812 29435 97437
1 1 1 3752 680715 85498 122147 605600 216693 132704 154205 128111
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

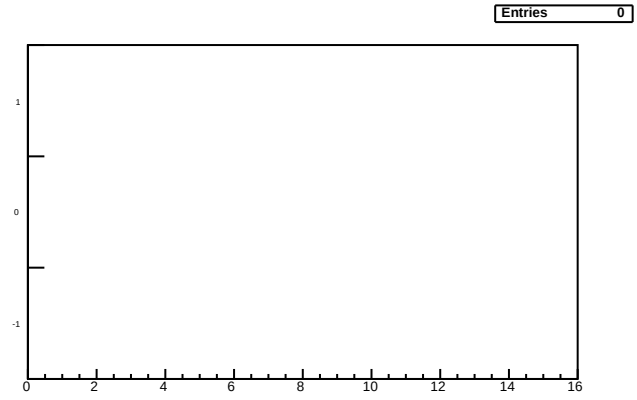

Unused (ch2)
Entries 1.62032e+07
1.0127e+06 1.0127e+06 1.0127e+06 1.0127e+06 1.0127e+06 1.0127e+06 1.0127e+06 1.0127e+06 1.0127e+06 1.0127e+06 1.0127e+06 1.0127e+06 1.0127e+06 1.0127e+06 1.0127e+06 1.0127e+06
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

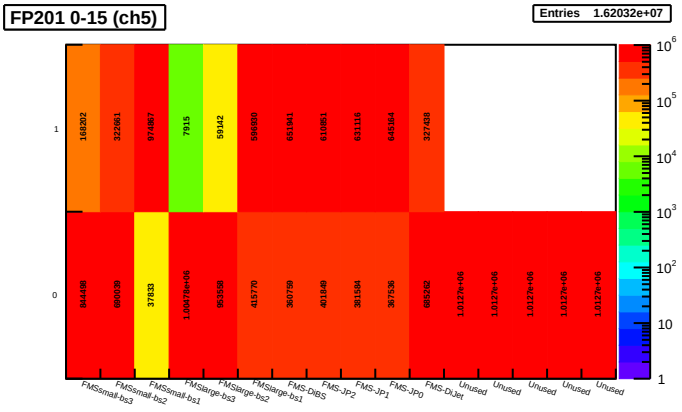

Entries 0

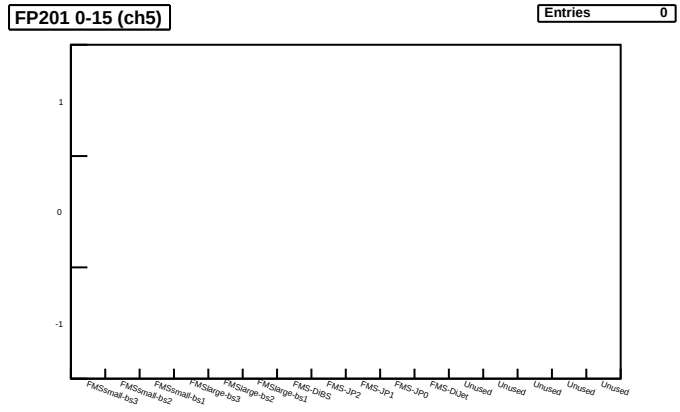

EM201 0-15 (ch3)
Entries 1.62032e+07
4669 947 24 122349 86 9 482 36 7387 602 43 77 7
1.00803e+06 1.01175e+06 1.01269e+06 889451 1.01261e+06 1.01269e+06 1.01222e+06 1.01268e+06 1.00531e+06 1.01211e+06 1.01268e+06 1.01262e+06 1.01269e+06 1.0127e+06 1.0127e+06 1.0127e+06
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

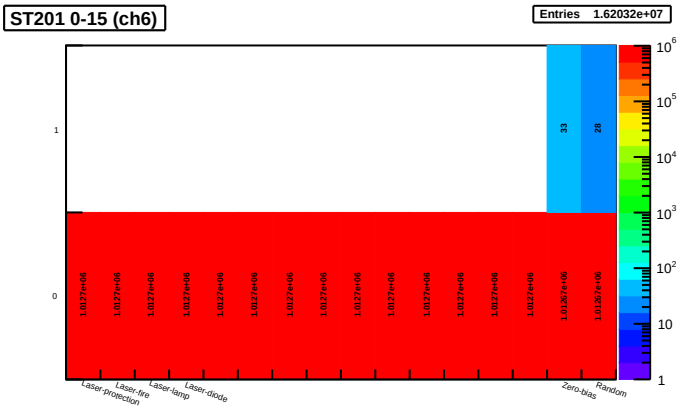

EM201 0-15 (ch3)
Entries 3614452
3116 836 122633 86 1 2 12 793 365 15 77 7
17084 195 4645 331 24 413037 1.00921e+06 235593 568381 51910 154306 86 9 1.0127e+06
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

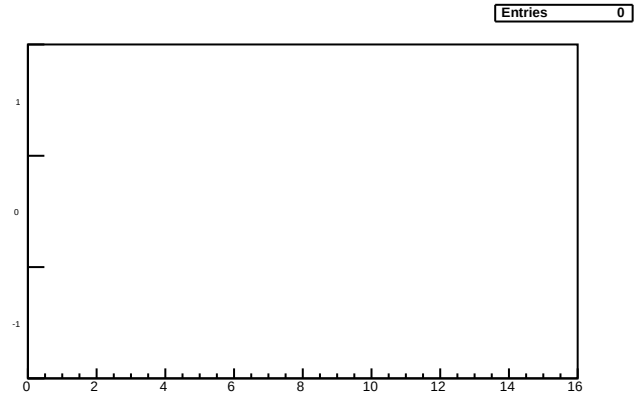

RAT board (ch4)
Entries 1.62032e+07
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

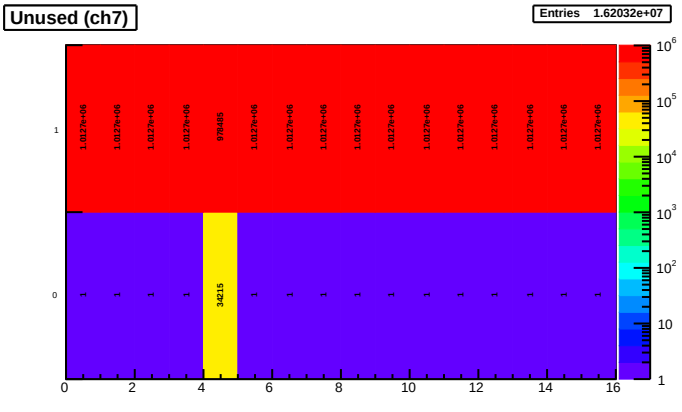

Entries 0

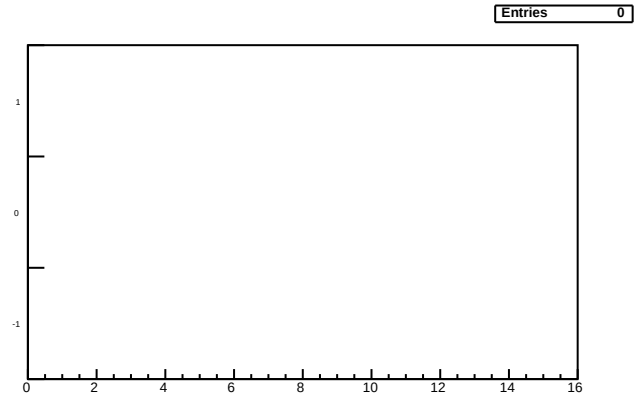

FP201 0-15 (ch5)
Entries 1.62032e+07
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 1.62032e+07
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bas
Random


Entries 0


Unused (ch7)
Entries 1.62032e+07


Entries 0