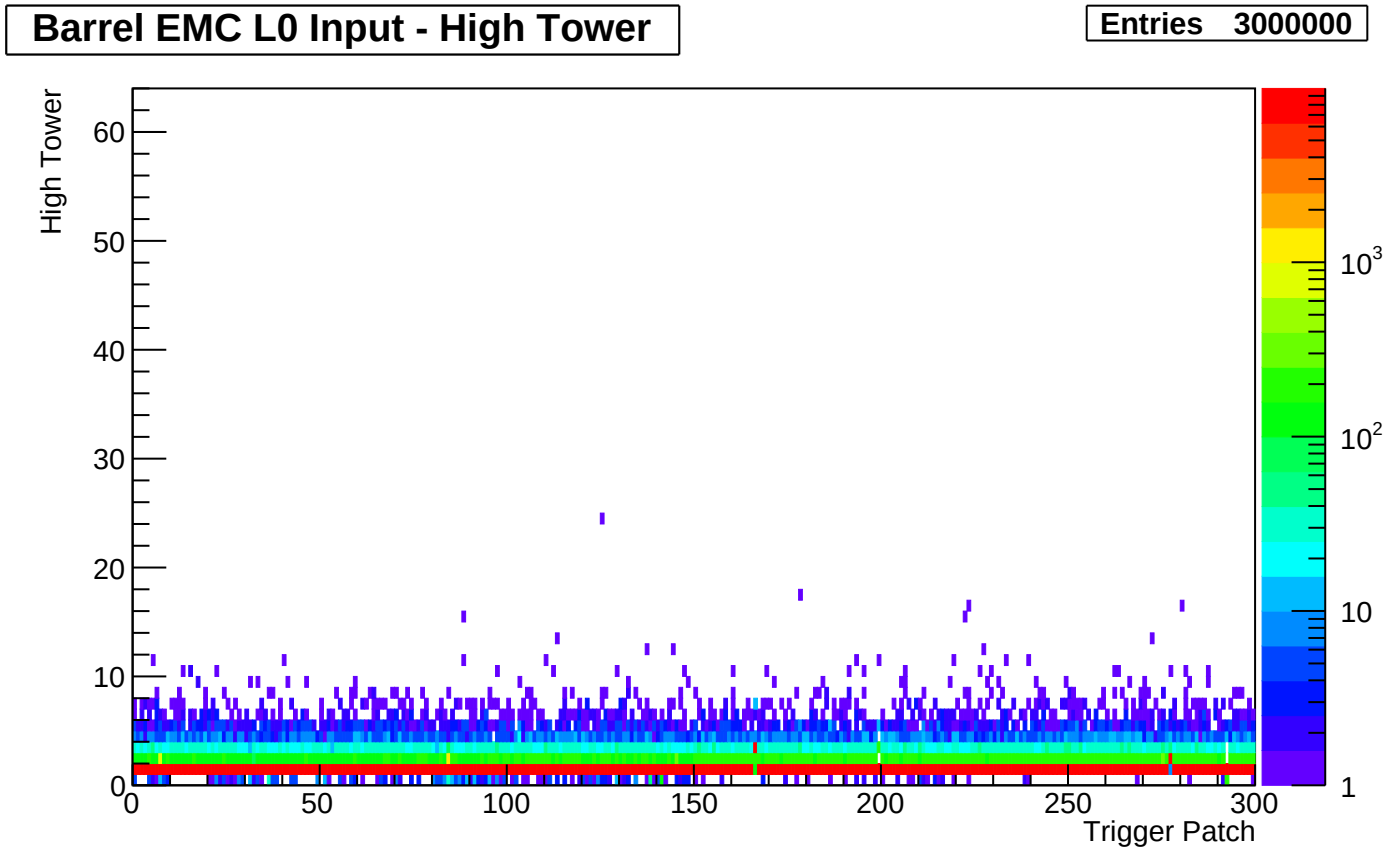
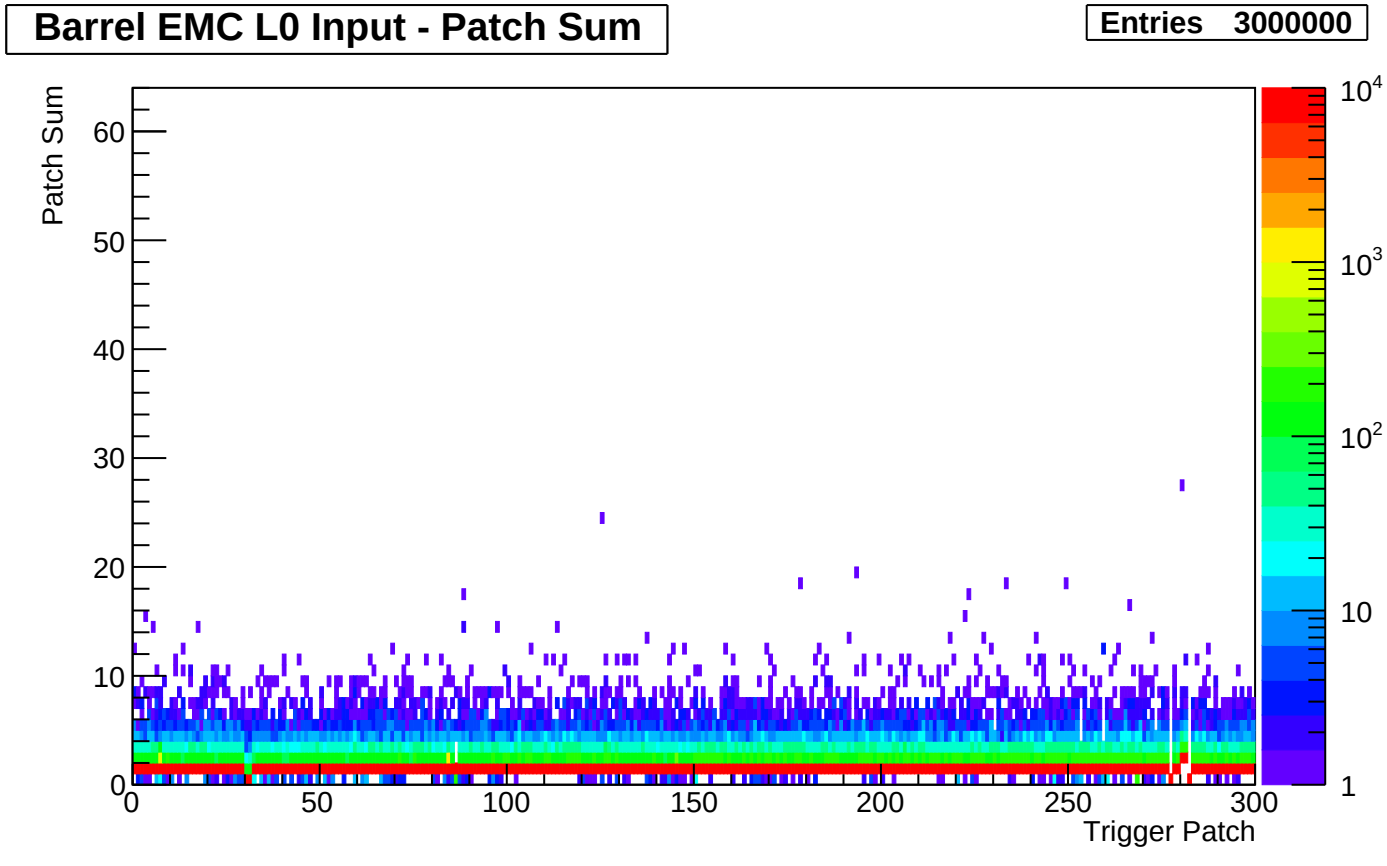
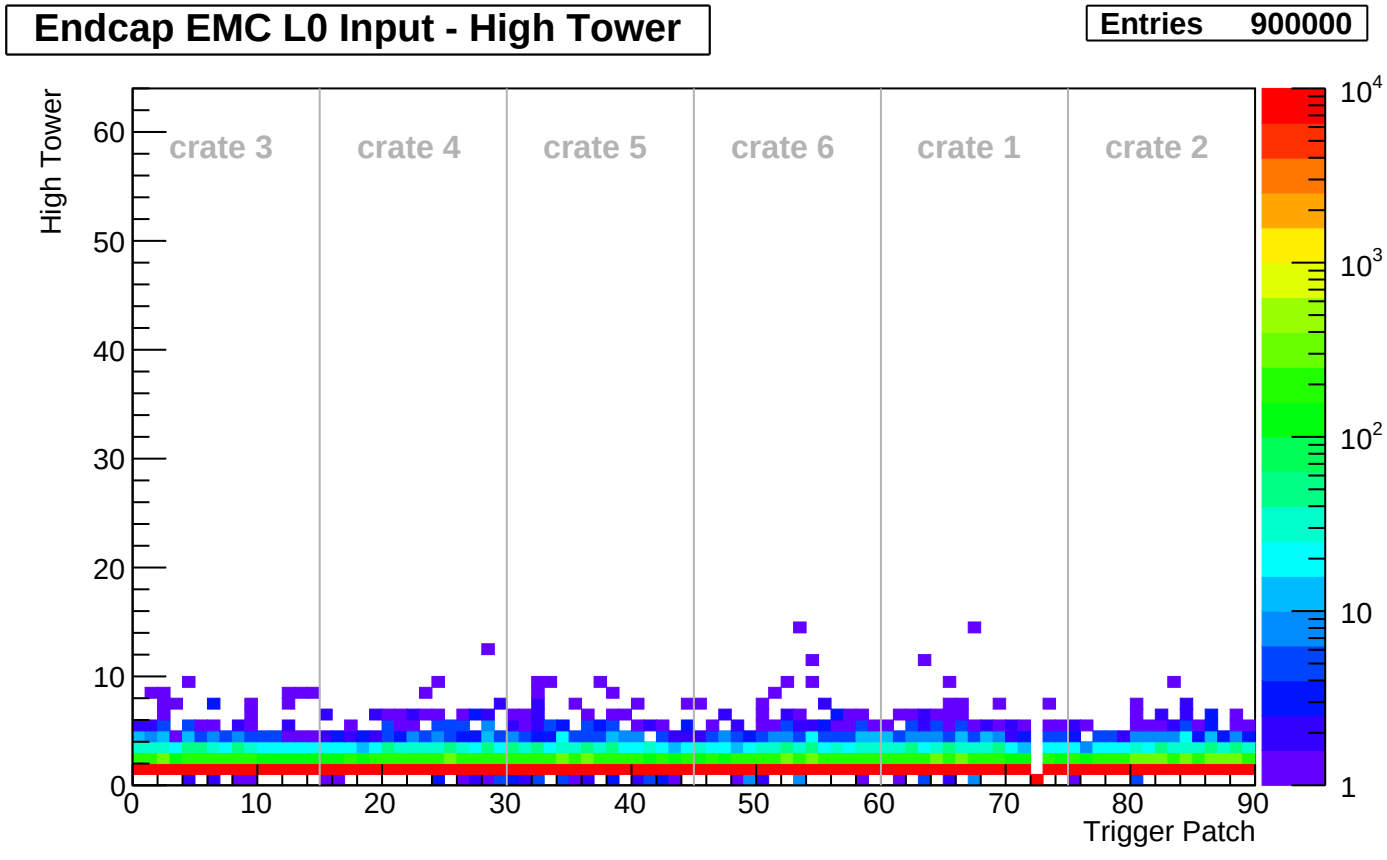
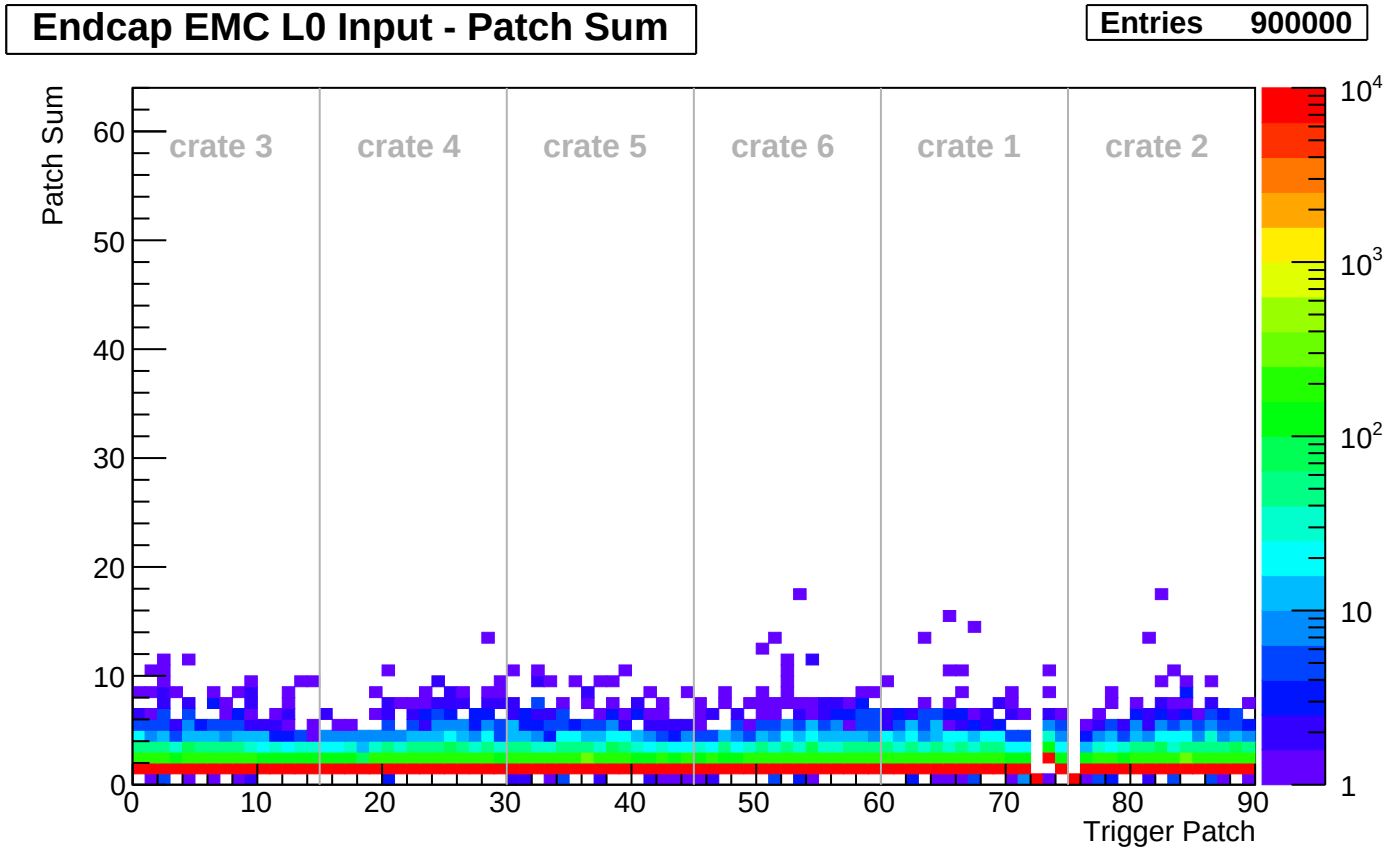
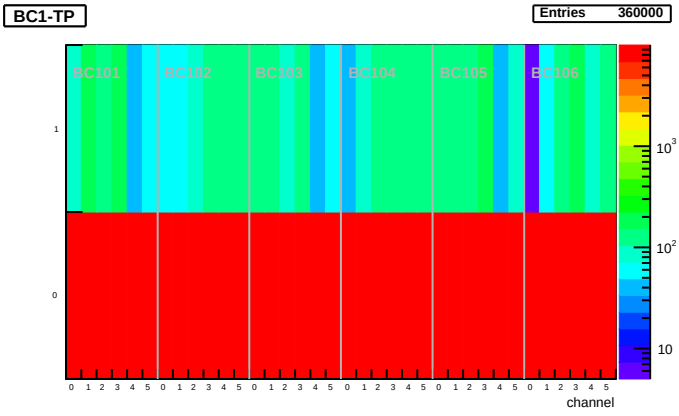
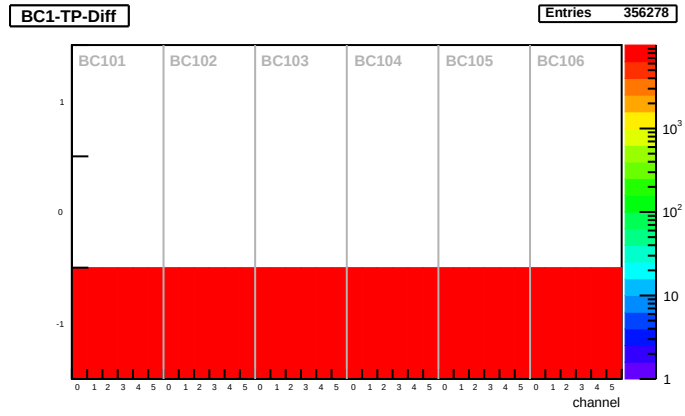

Barrel EMC L0 Input - High Tower
Entries 3000000
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3

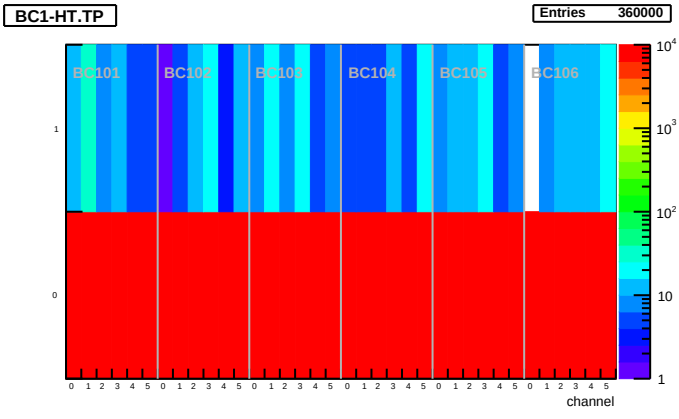

Barrel EMC L0 Input - Patch Sum
Entries 3000000
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

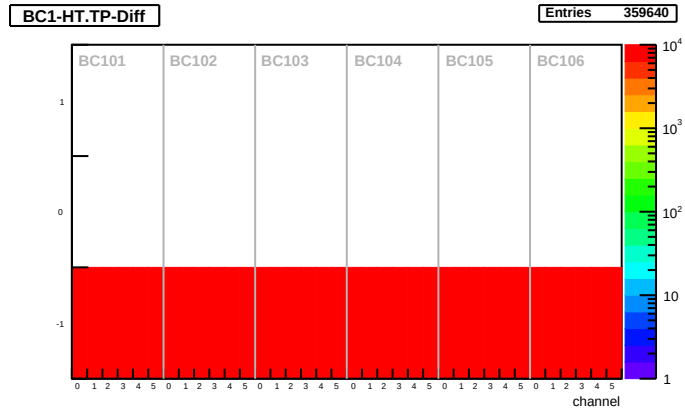

Endcap EMC L0 Input - High Tower
Entries 900000
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3
10^4

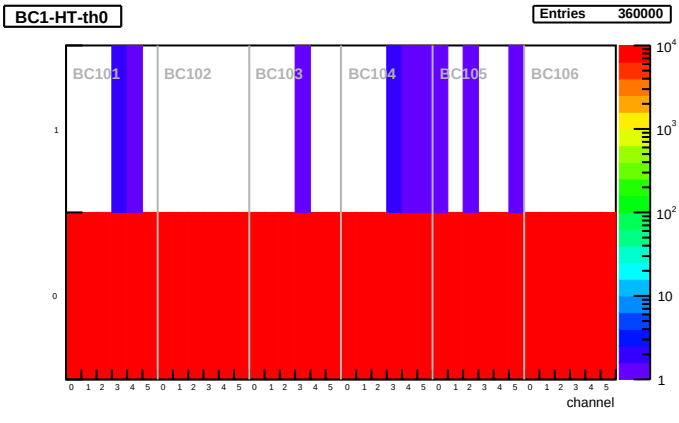

Endcap EMC L0 Input - Patch Sum
Entries 900000
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3
10^4

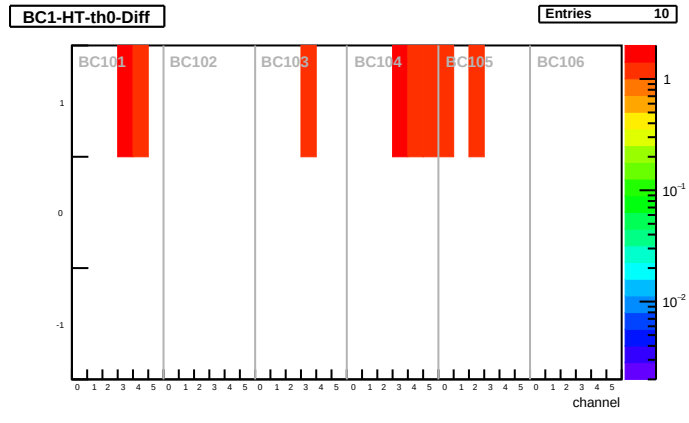

BC1-TP
Entries 360000
BC101
BC102
BC103
BC104
BC105
BC106
channel

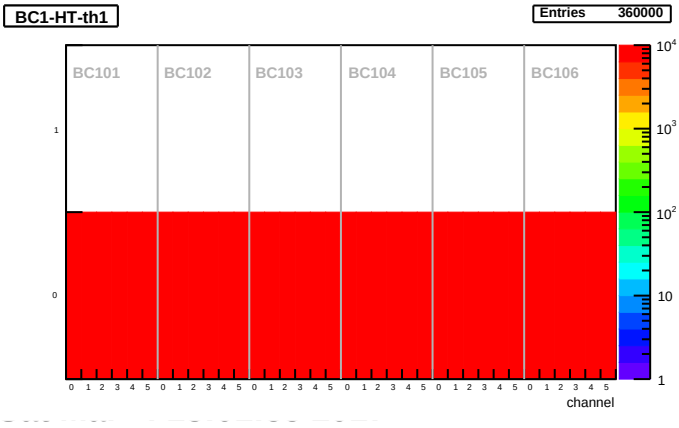

BC1-TP-Diff
Entries 356278
BC101
BC102
BC103
BC104
BC105
BC106
channel

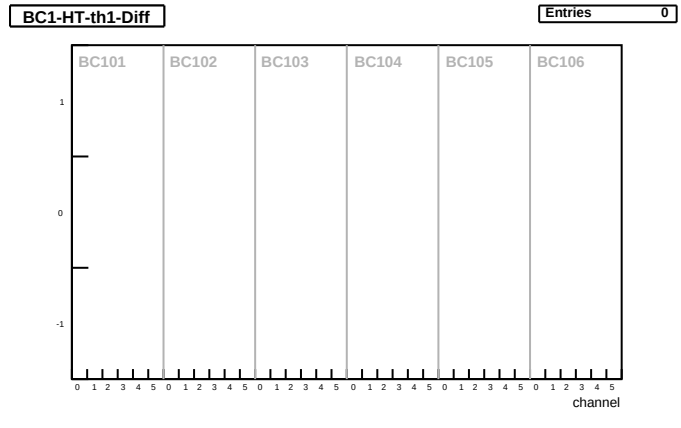

BC1-HT.TP
Entries 360000
BC101
BC102
BC103
BC104
BC105
BC106
channel

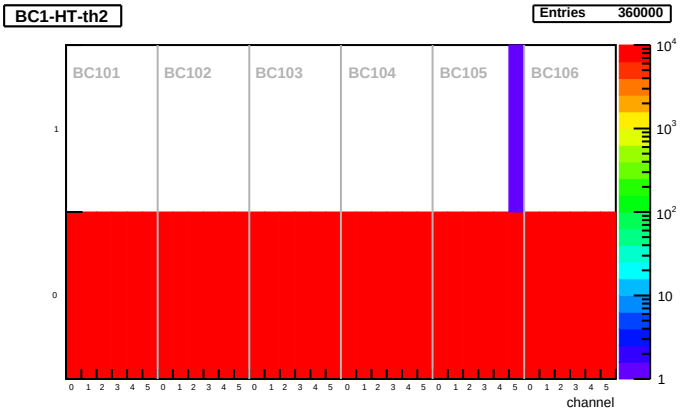

BC1-HT.TP-Diff
Entries 359640
BC101
BC102
BC103
BC104
BC105
BC106
channel

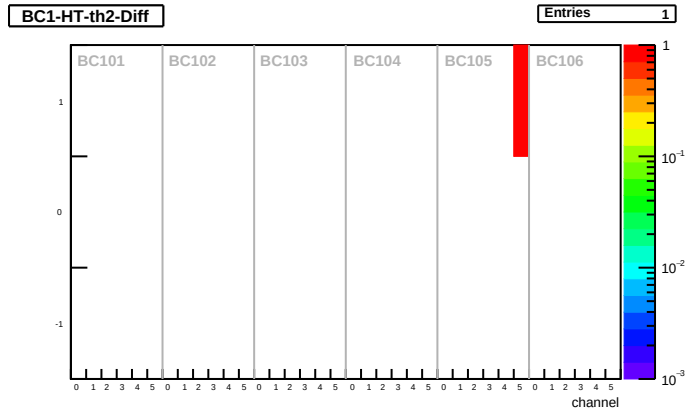

BC1-HT-th0
Entries 360000
BC101
BC102
BC103
BC104
BC105
BC106
channel

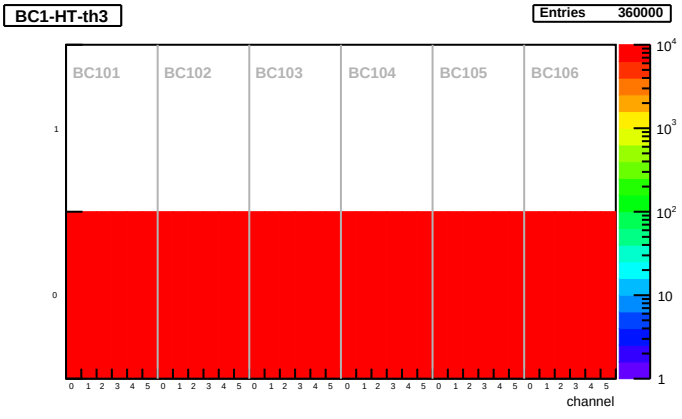

BC1-HT-th0-Diff
Entries 10
BC101
BC102
BC103
BC104
BC105
BC106
channel

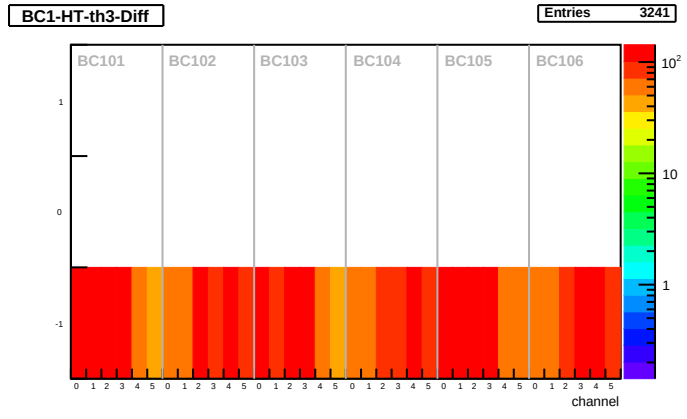

BC1-HT-th1
Entries 360000
BC101
BC102
BC103
BC104
BC105
BC106
channel

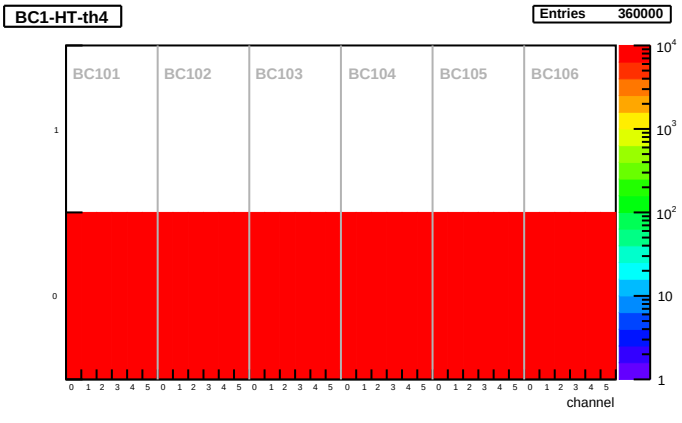

BC1-HT-th1-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

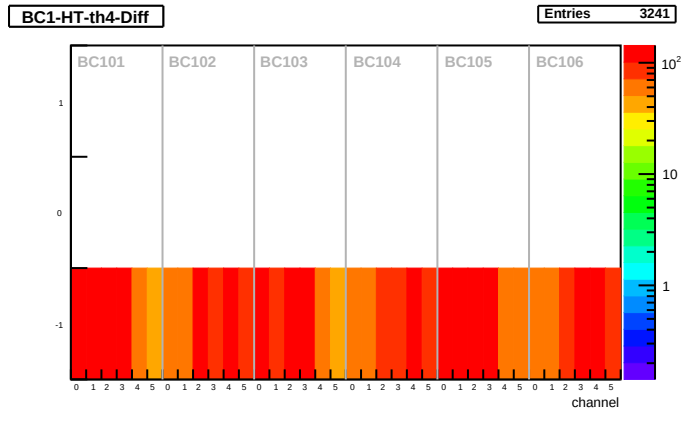

BC1-HT-th2
Entries 360000
BC101
BC102
BC103
BC104
BC105
BC106
channel

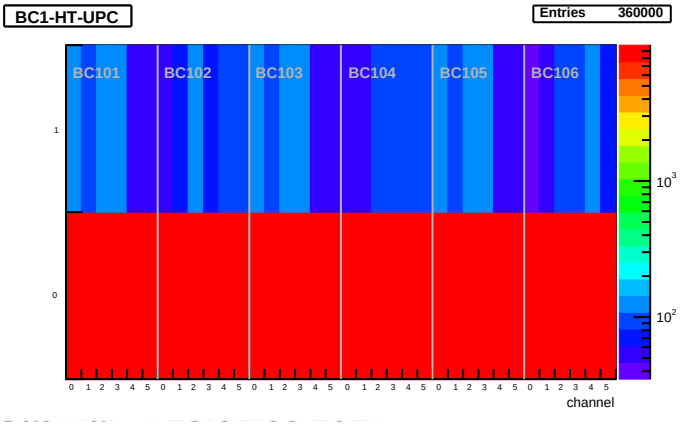

BC1-HT-th2-Diff
Entries 1
BC101
BC102
BC103
BC104
BC105
BC106
channel

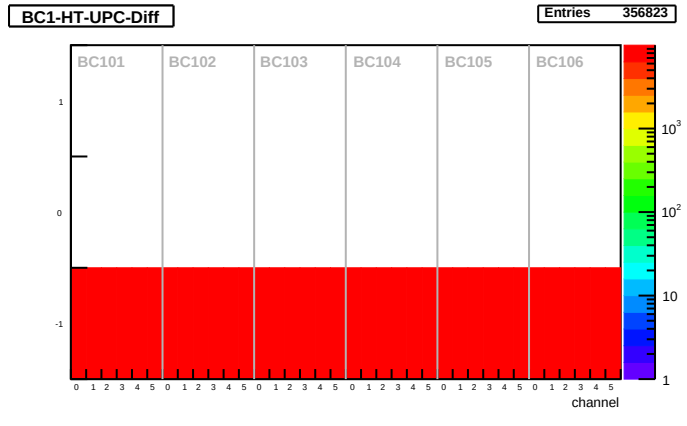

BC1-HT-th3
Entries 360000
BC101
BC102
BC103
BC104
BC105
BC106
channel

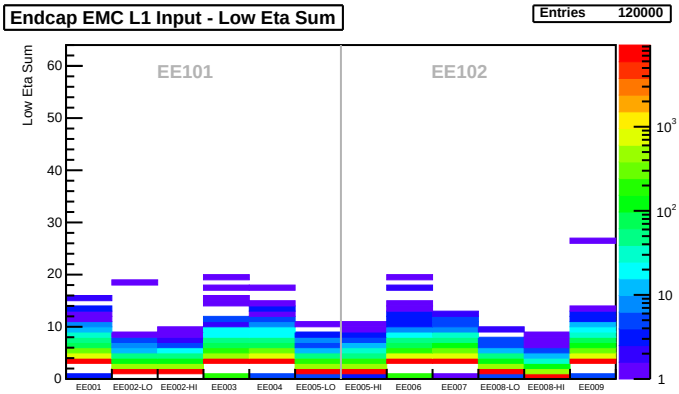

BC1-HT-th3-Diff
Entries 3241
BC101
BC102
BC103
BC104
BC105
BC106
channel

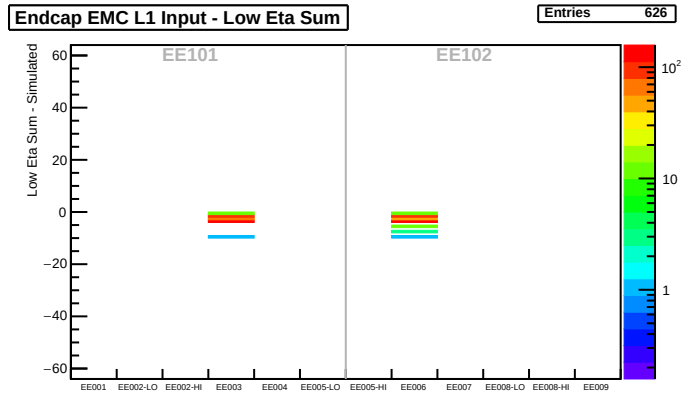

BC1-HT-th4
Entries 360000
BC101
BC102
BC103
BC104
BC105
BC106
channel

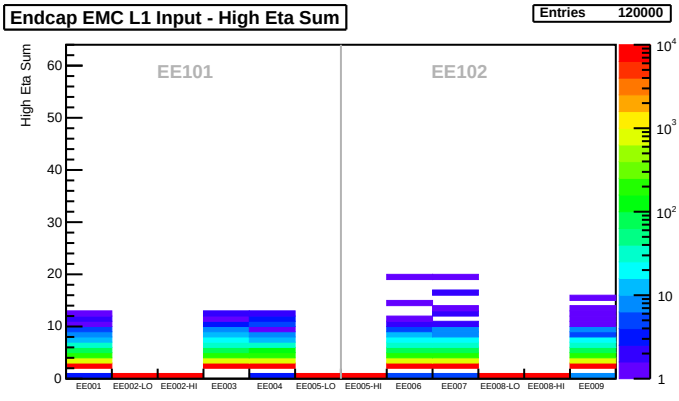

BC1-HT-th4-Diff
Entries 3241
BC101
BC102
BC103
BC104
BC105
BC106
channel

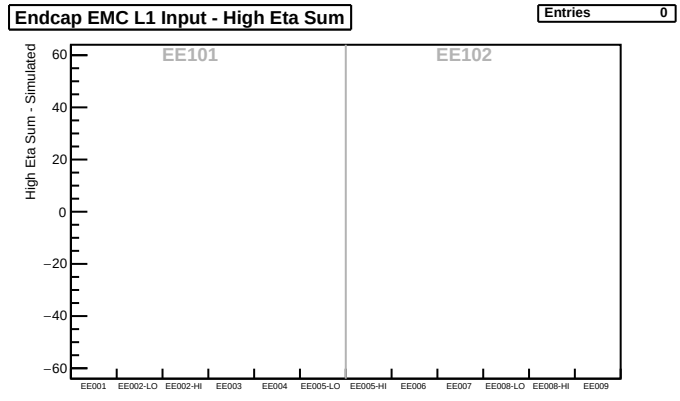

BC1-HT-UPC
Entries 360000
BC101
BC102
BC103
BC104
BC105
BC106
channel

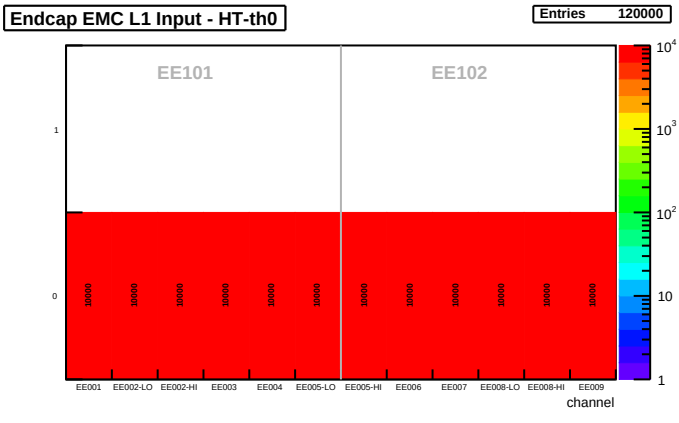

BC1-HT-UPC-Diff
Entries 356823
BC101
BC102
BC103
BC104
BC105
BC106
channel

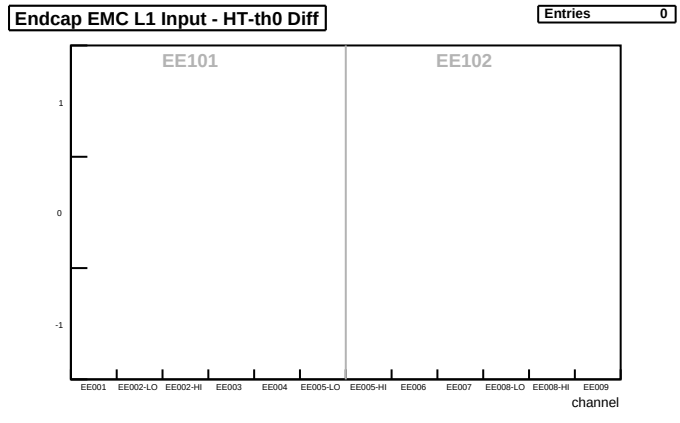

Endcap EMC L1 Input - Low Eta Sum
Entries 120000
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

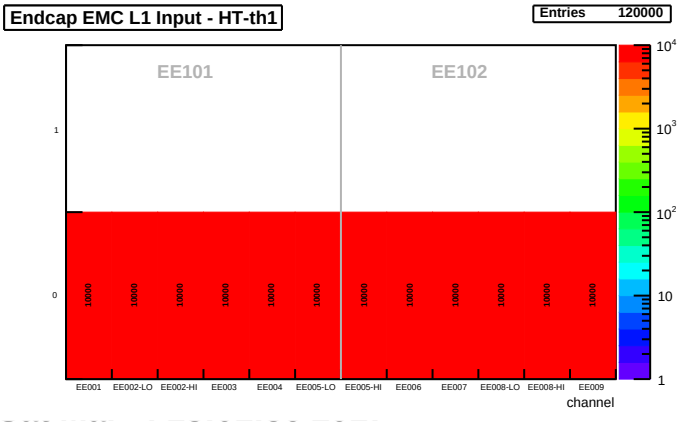

Endcap EMC L1 Input - Low Eta Sum
Entries 626
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

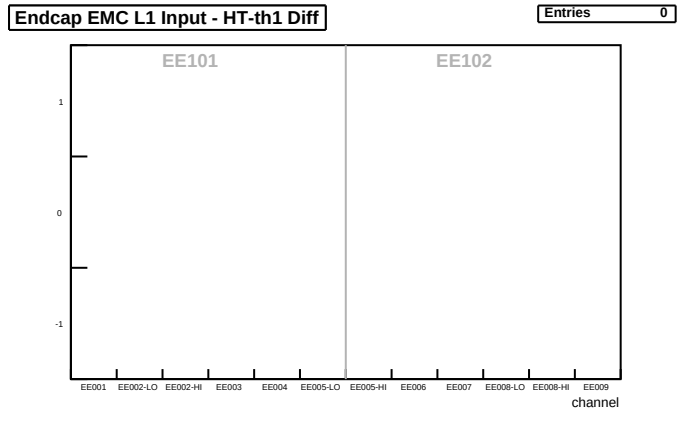

Endcap EMC L1 Input - High Eta Sum
Entries 120000
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

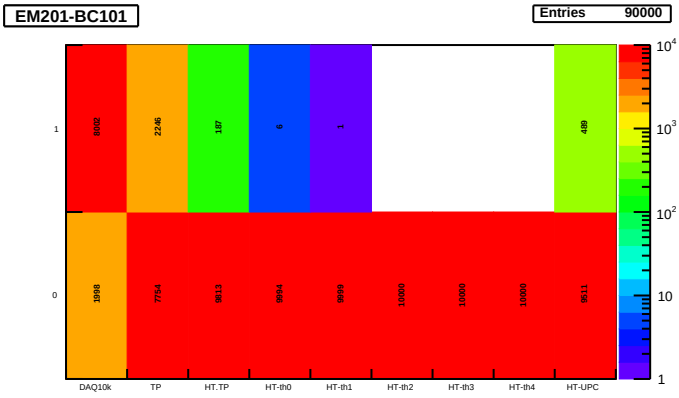

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

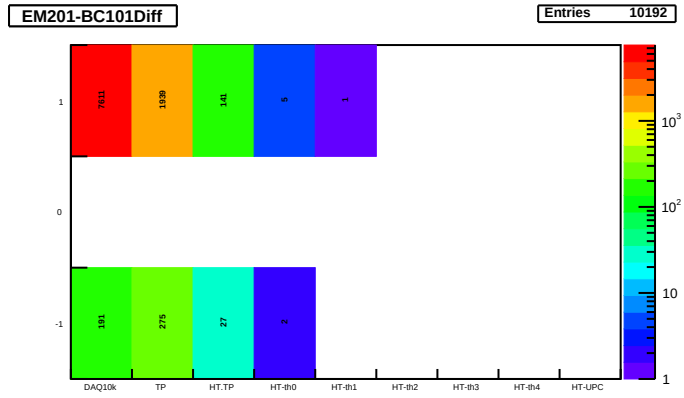

Endcap EMC L1 Input - HT-th0
Entries 120000
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

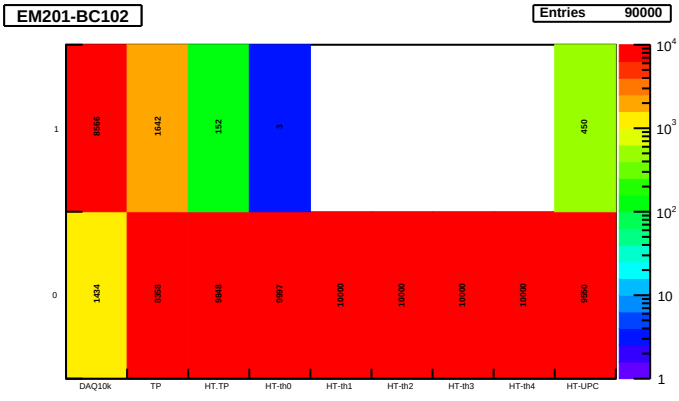

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

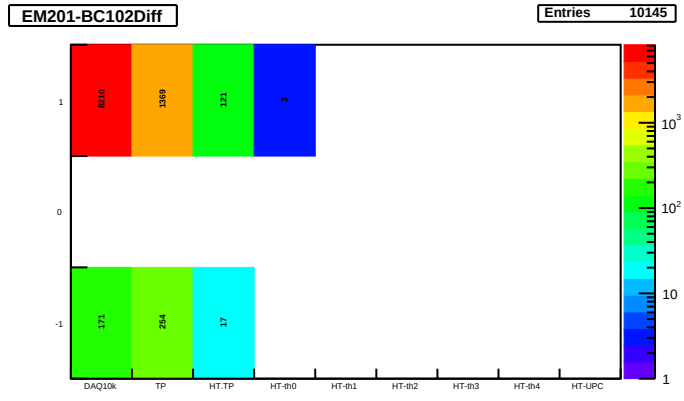

Endcap EMC L1 Input - HT-th1
Entries 120000
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

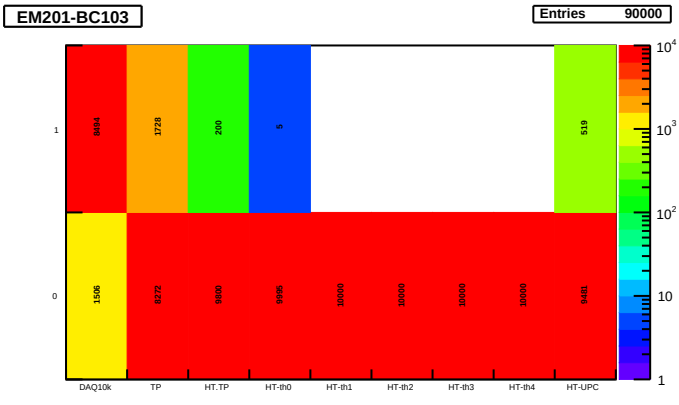

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

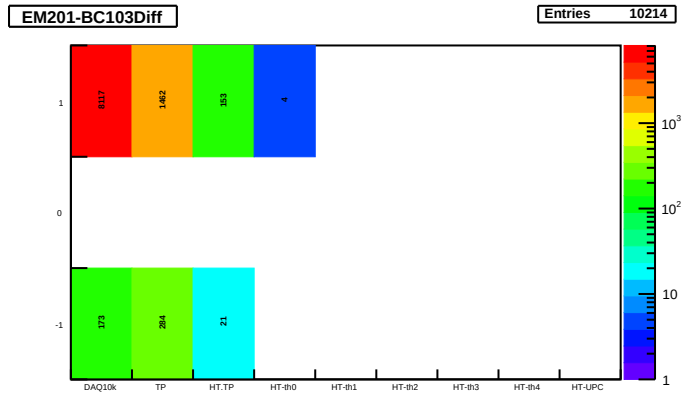

EM201-BC101
Entries 90000
1
0
8002
2246
187
6
1
489
1998
7754
9813
9994
9999
10000
10000
10000
9511
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

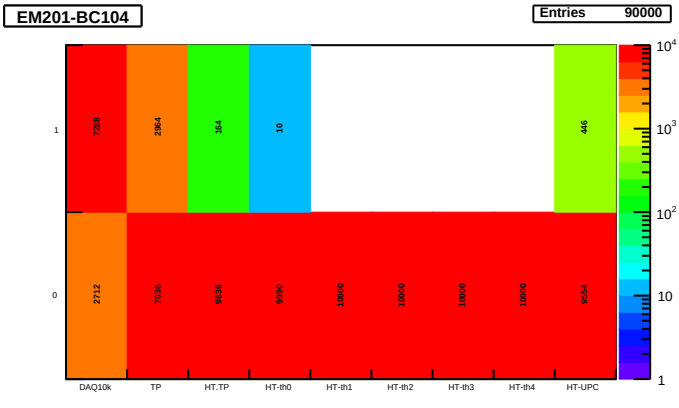

EM201-BC101Diff
Entries 10192
1
0
-1
7611
1939
141
5
1
191
275
27
2
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

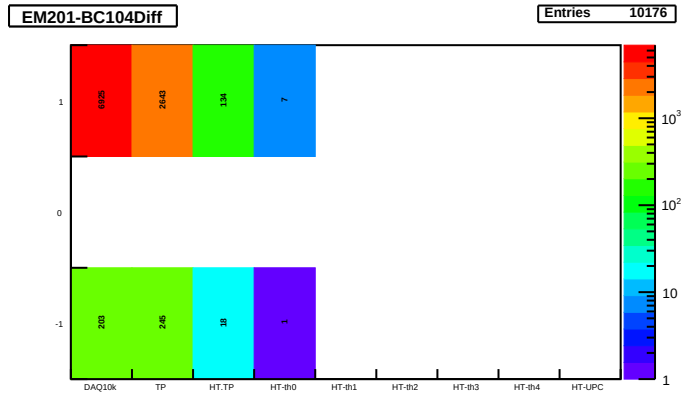

EM201-BC102
Entries 90000
1
0
8565
1642
152
3
459
1434
8358
9848
9997
10000
10000
10000
10000
9550
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

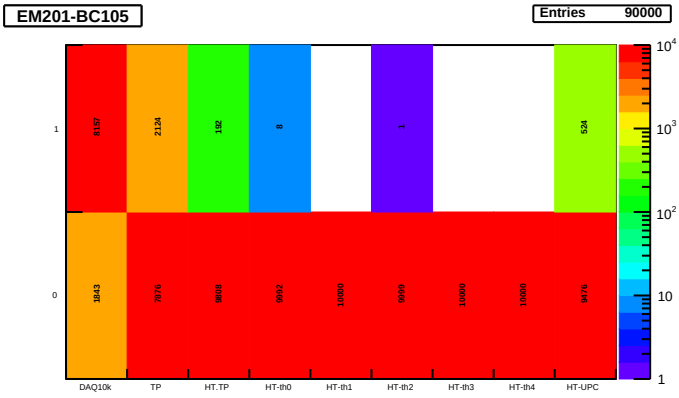

EM201-BC102Diff
Entries 10145
1
0
-1
8210
1369
121
3
171
254
17
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

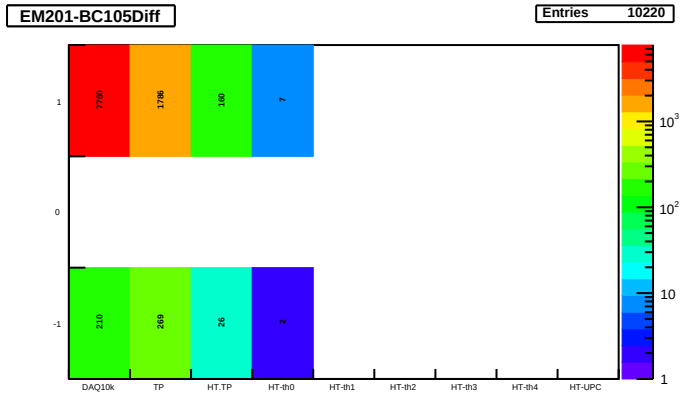

EM201-BC103
Entries 90000
1
0
8494
1728
290
5
519
1506
8272
9900
9995
10000
10000
10000
10000
9481
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

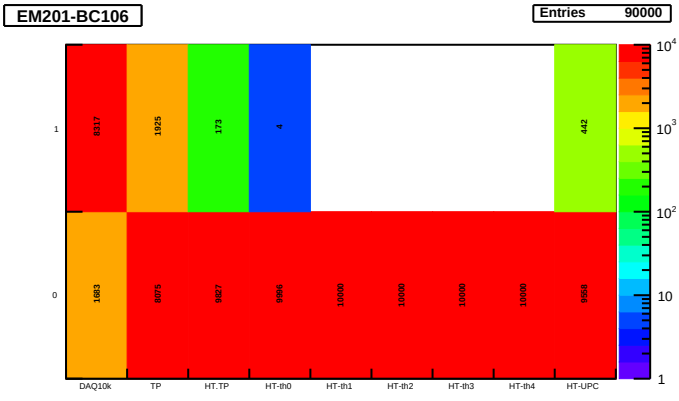

EM201-BC103Diff
Entries 10214
1
0
-1
8117
1462
153
4
173
284
21
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

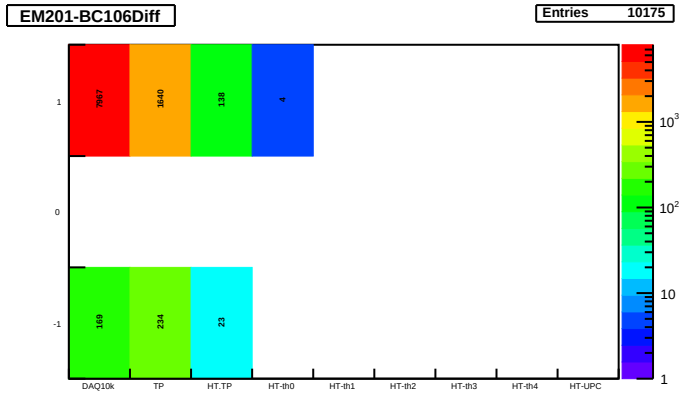

EM201-BC104
Entries 90000
1
0
7288
2964
164
10
446
2712
7036
9836
9990
10000
10000
10000
10000
9554
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

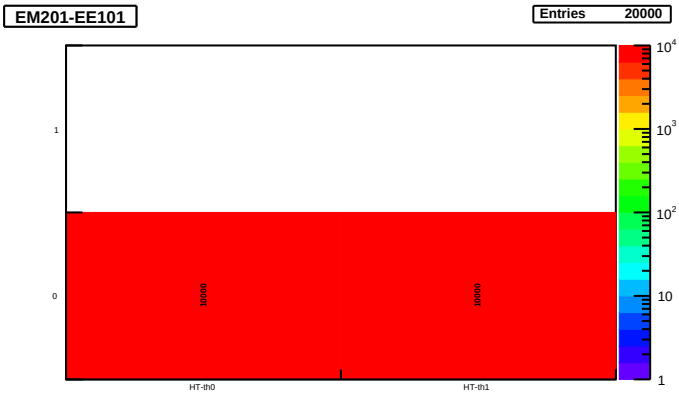

EM201-BC104Diff
Entries 10176
1
0
-1
6925
2643
134
7
203
245
18
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

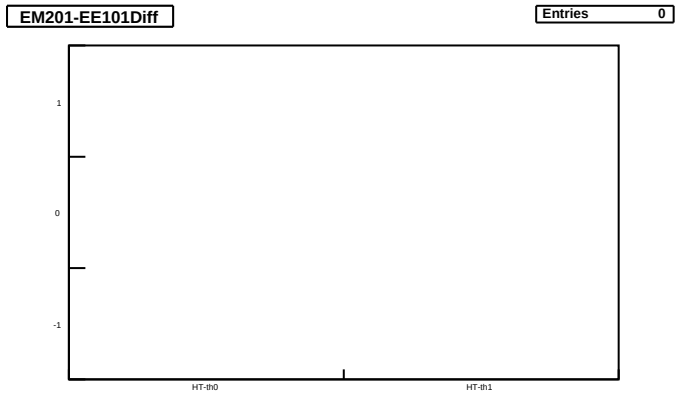

EM201-BC105
Entries 90000
1 8157 2124 192 8 1 534
0 1843 7876 9808 9992 10000 9999 10000 10000 9476
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1

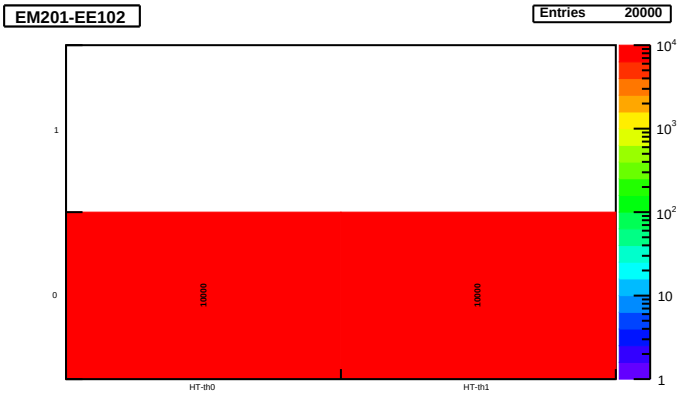

EM201-BC105Diff
Entries 10220
1 7790 1786 160 7
0
-1 210 269 26 2
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3 10^2 10 1

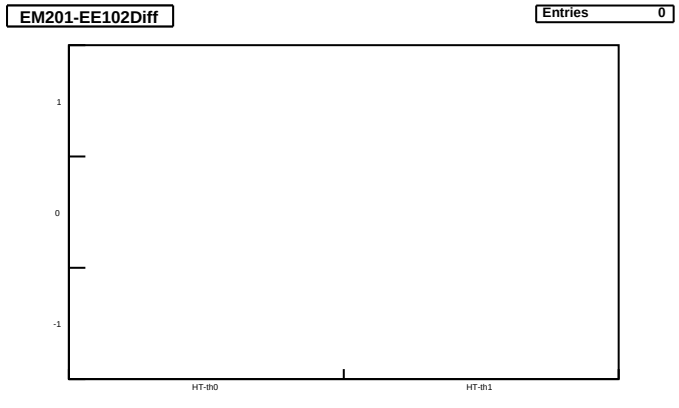

EM201-BC106
Entries 90000
1 8317 1925 173 4 442
0 1683 8075 9827 9996 10000 10000 10000 10000 9558
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4 10^3 10^2 10 1

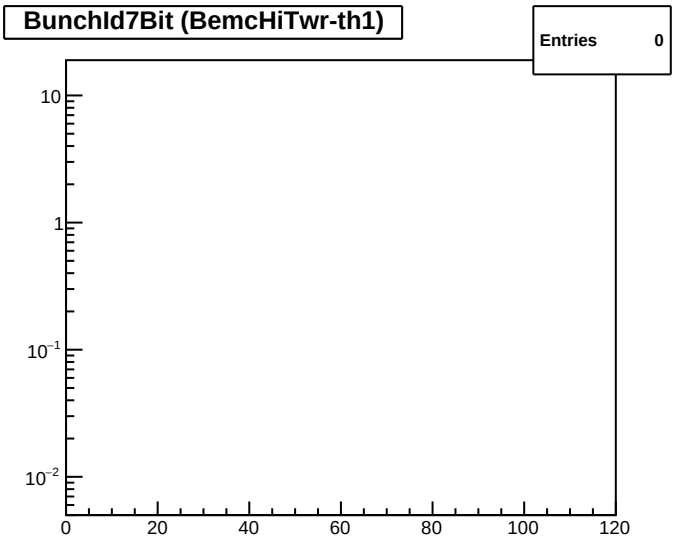

EM201-BC106Diff
Entries 10175
1 7967 1640 138 4
0
-1 169 234 23
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3 10^2 10 1

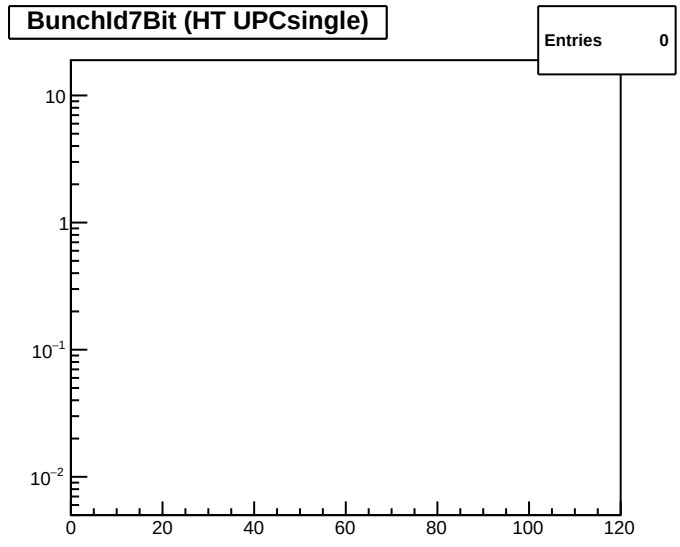

EM201-EE101
Entries 20000
1
0 10000 10000
HT-th0 HT-th1
10^4 10^3 10^2 10 1

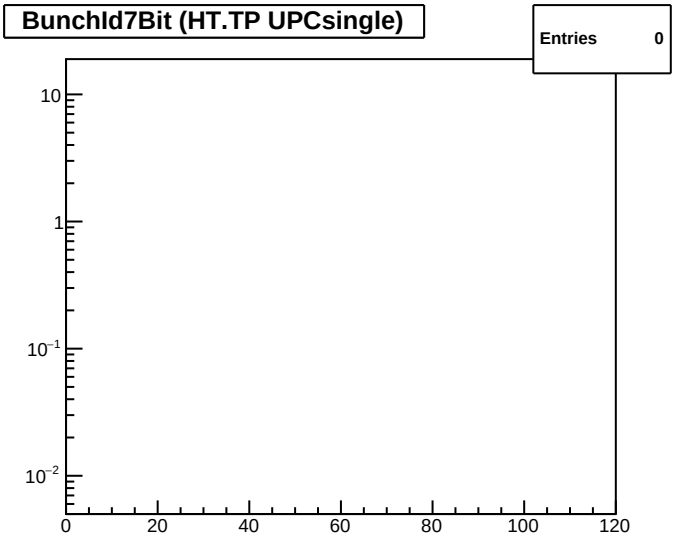

EM201-EE101Diff
Entries 0
1
0
-1
HT-th0 HT-th1

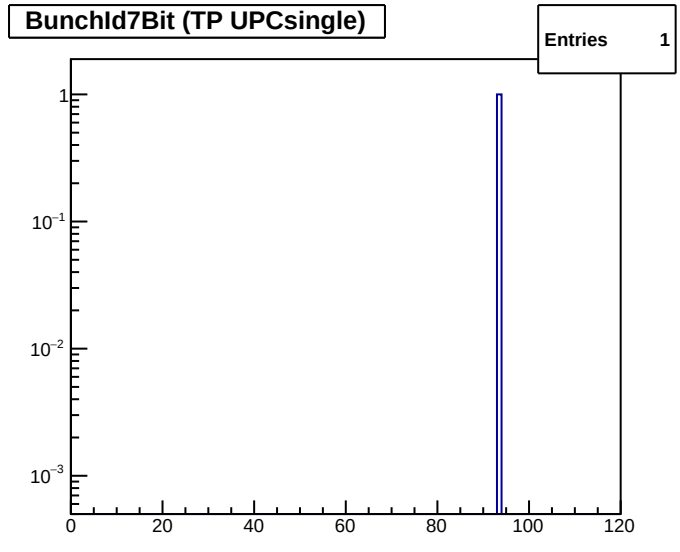

EM201-EE102
Entries 20000
1
0 10000 10000
HT-th0 HT-th1
10^4 10^3 10^2 10 1

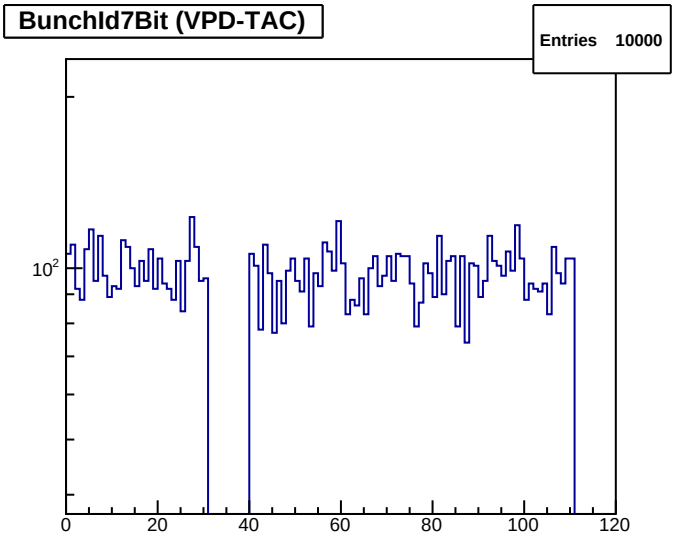

EM201-EE102Diff
Entries 0
1
0
-1
HT-th0 HT-th1

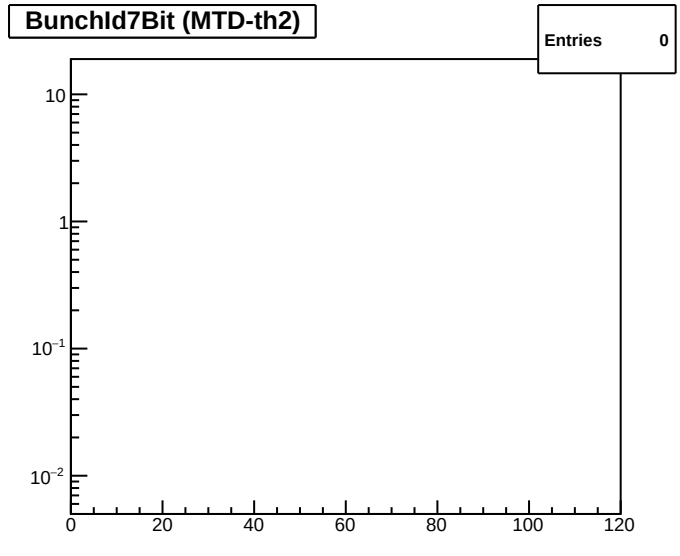

BunchId7Bit (BemcHiTwr-th1)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

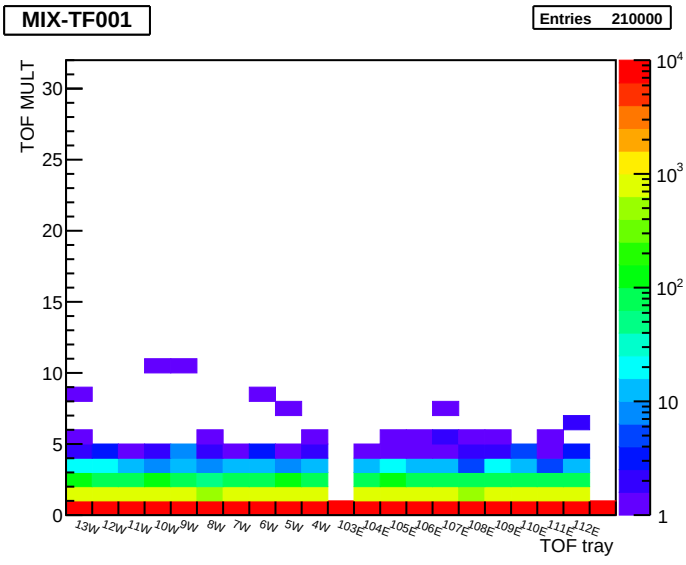

BunchId7Bit (HT UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

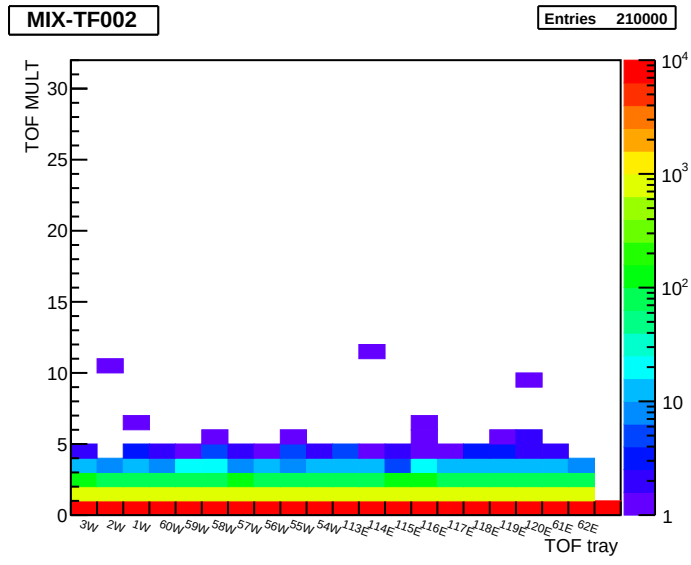

BunchId7Bit (HT.TP UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

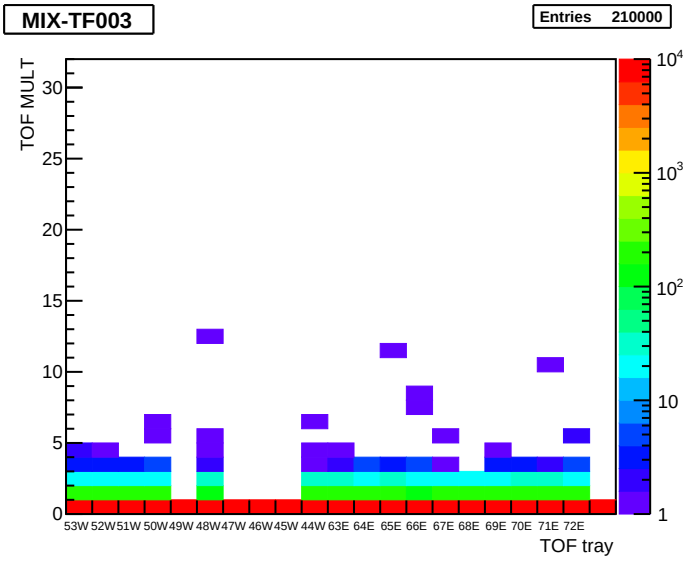

BunchId7Bit (TP UPCsingle)
Entries 1
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

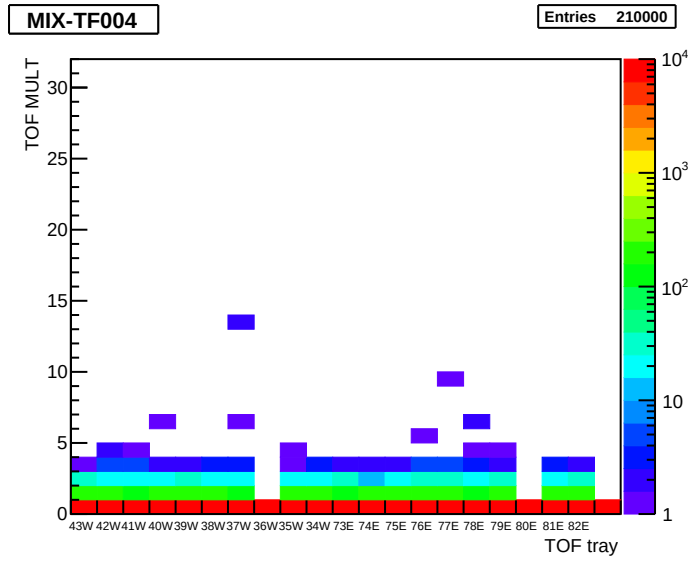

BunchId7Bit (VPD-TAC)
Entries 10000
10^{2}
0 20 40 60 80 100 120

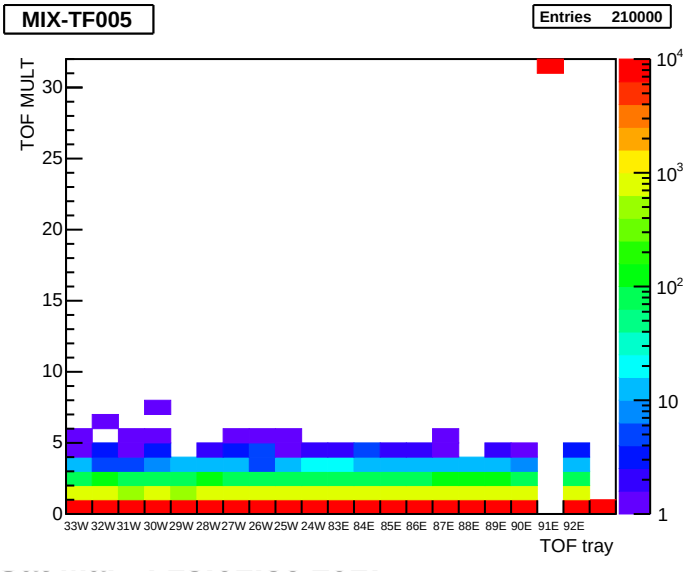

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

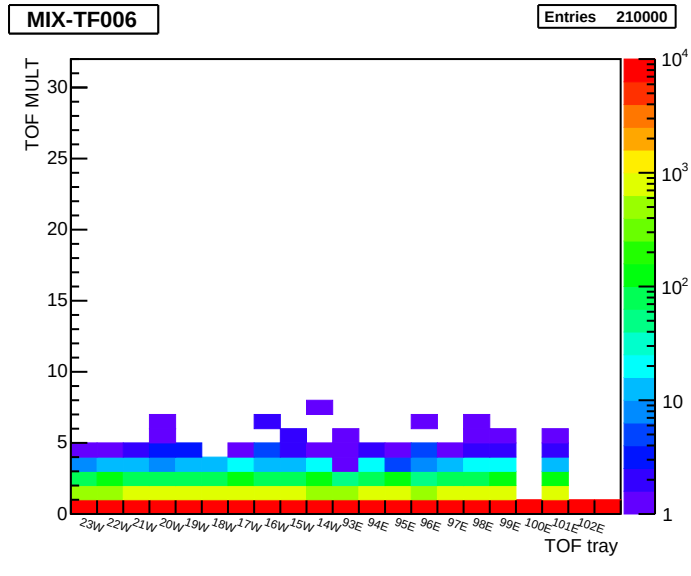

MIX-TF001
Entries 210000
TOF MULT
TOF tray

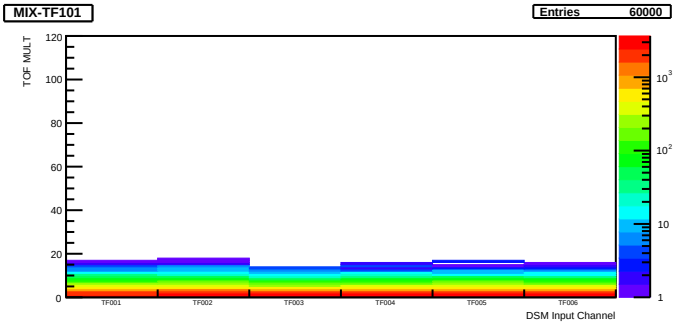

MIX-TF002
Entries 210000
TOF MULT
TOF tray

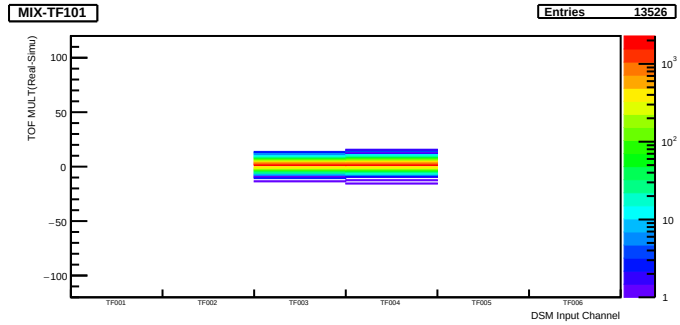

MIX-TF003
Entries 210000
TOF MULT
TOF tray

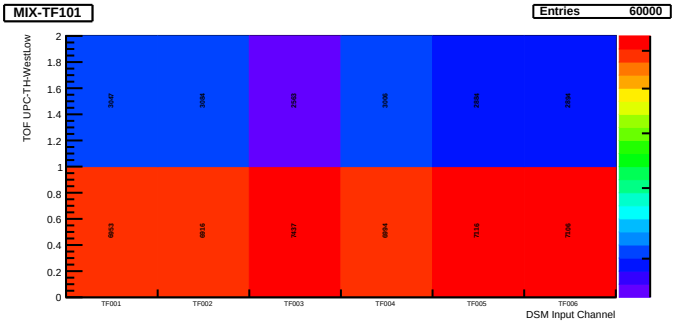

MIX-TF004
Entries 210000
TOF MULT
TOF tray

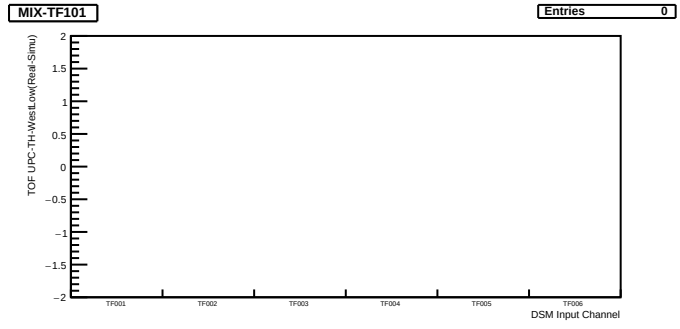

MIX-TF005
Entries 210000
TOF MULT
TOF tray

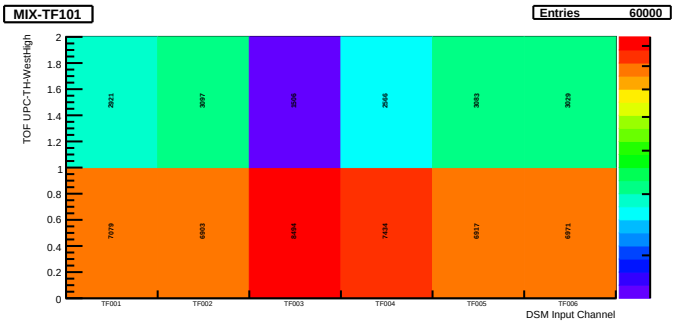

MIX-TF006
Entries 210000
TOF MULT
TOF tray

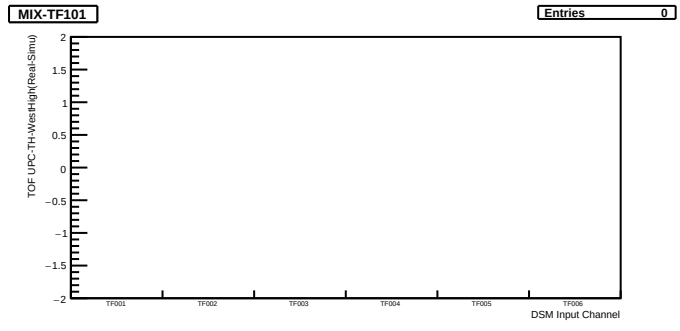

MIX-TF101
Entries 60000
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

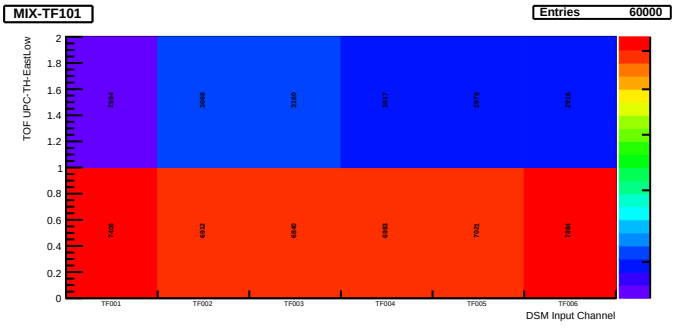

MIX-TF101
Entries 13526
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

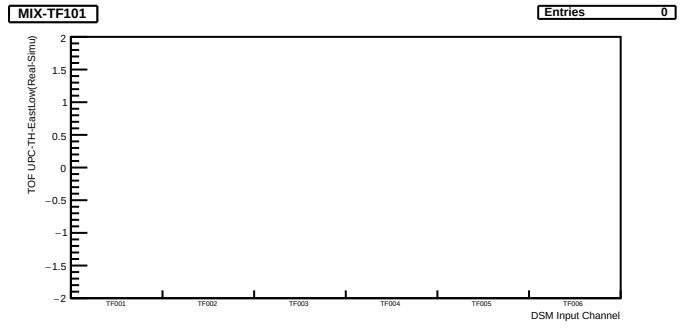

MIX-TF101
Entries 60000
TOF UPC-TH-WestLow
3047
3094
2583
3006
2258
2894
6853
6816
7437
6994
7116
7146
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

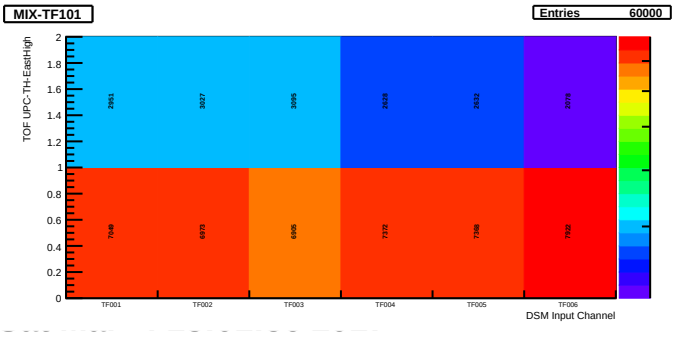

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

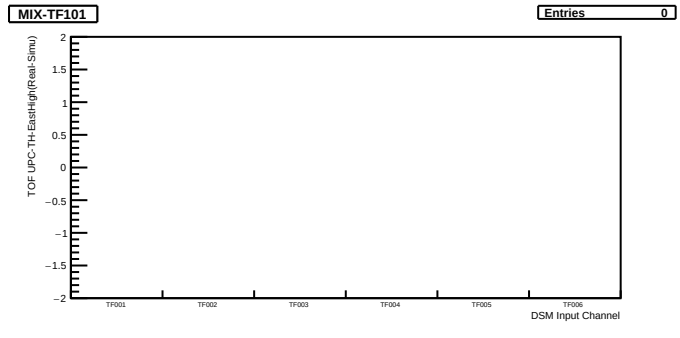

MIX-TF101
Entries 60000
TOF UPC-TH-WestHigh
2921
3097
3536
2546
3083
3029
7079
6903
6494
7434
6917
6971
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

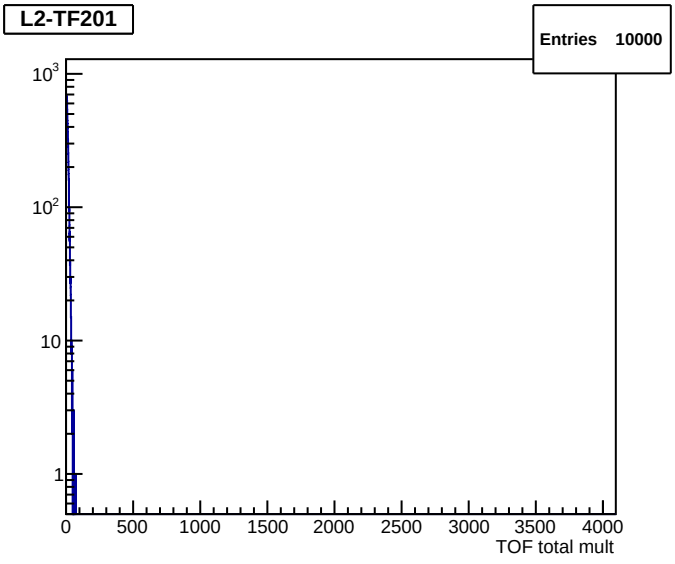

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

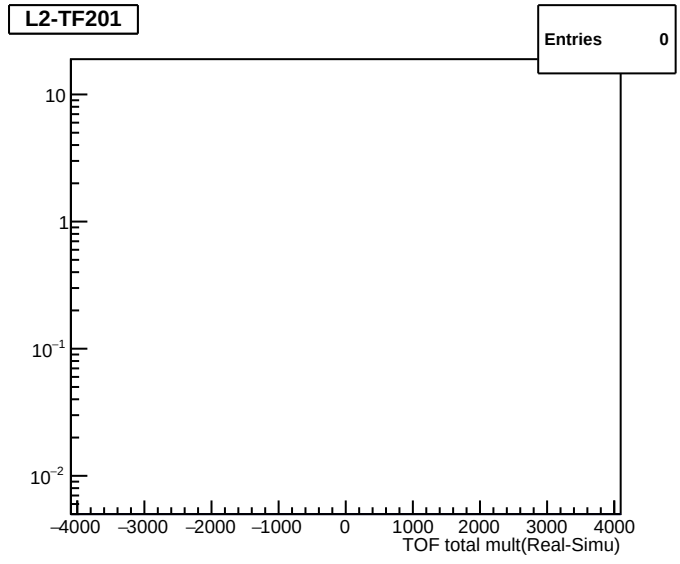

MIX-TF101
Entries 60000
TOF UPC-TH-EastLow
2584
3088
3160
3017
2579
2516
7408
6932
6840
6883
7021
7094
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

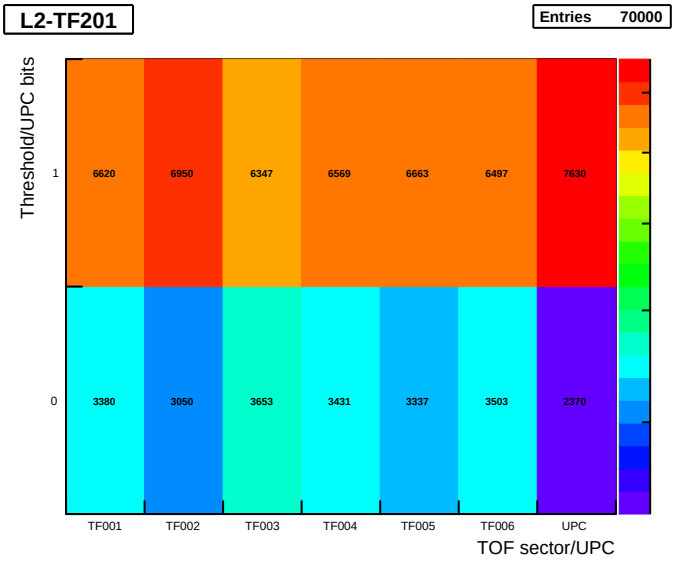

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

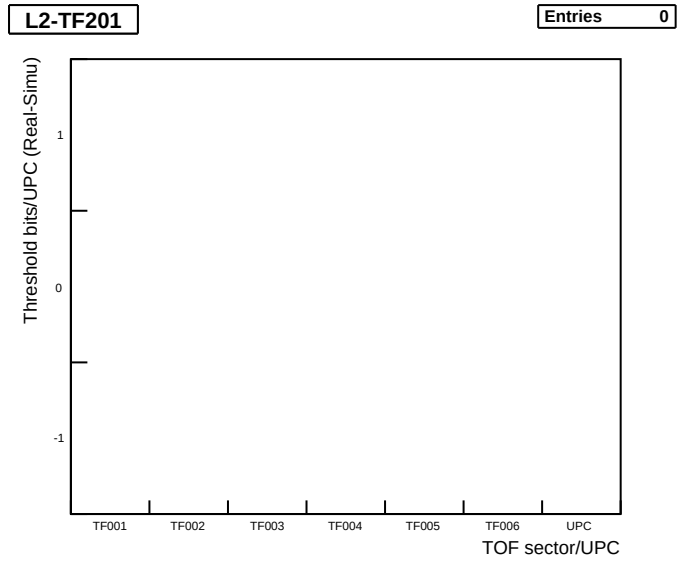

MIX-TF101
Entries 60000
TOF UPC-TH-EastHigh
2951
3027
3095
2628
2632
2576
7049
6973
6905
7372
7298
7322
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

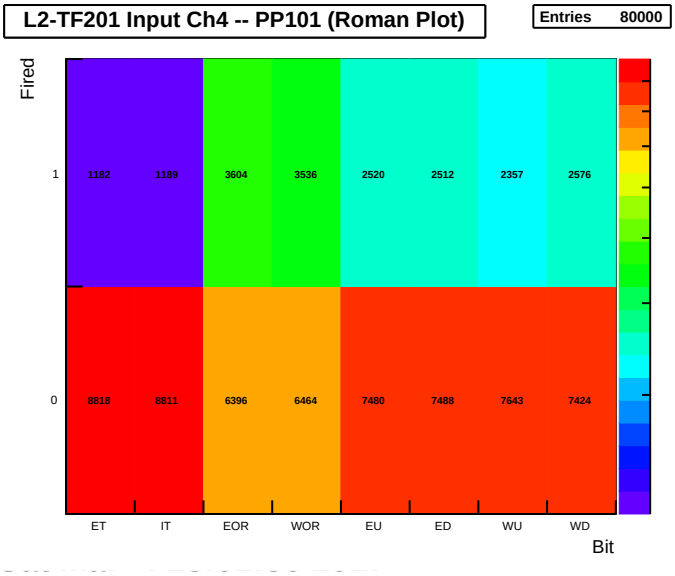

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

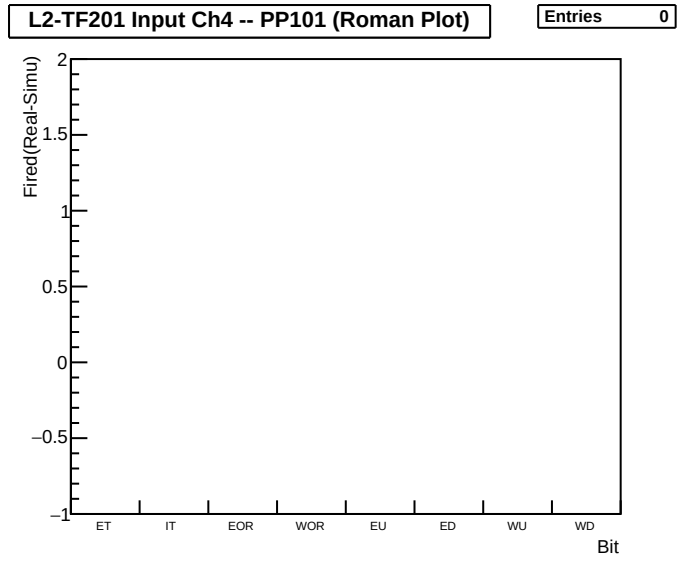

L2-TF201
Entries 10000
TOF total mult

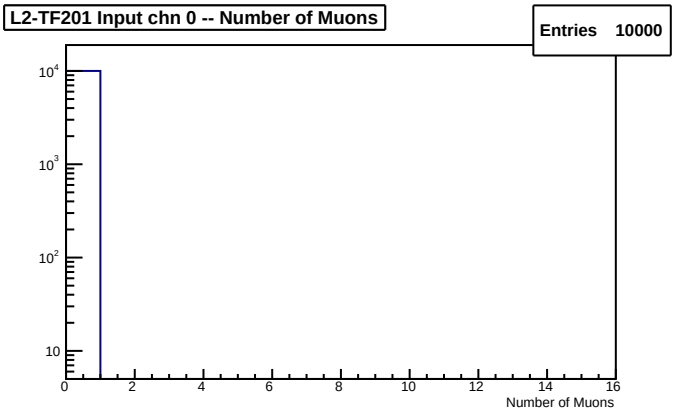

L2-TF201
Entries 0
TOF total mult(Real-Simu)

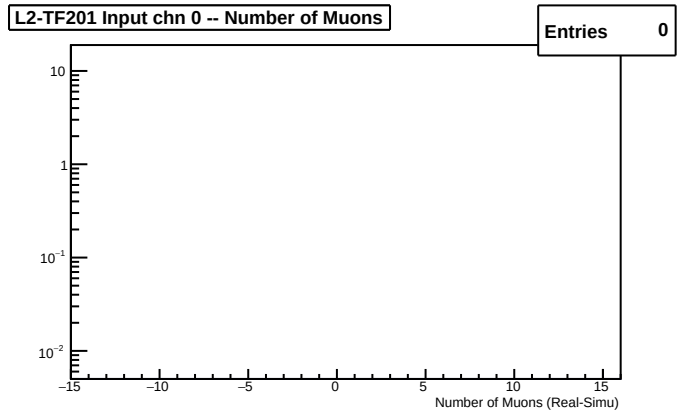

L2-TF201
Entries 70000
Threshold/UPC bits
6620 6950 6347 6569 6663 6497 7630
3380 3050 3653 3431 3337 3503 2370
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

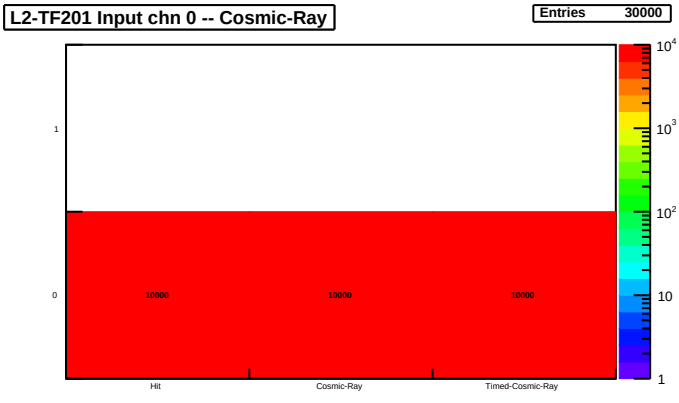

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

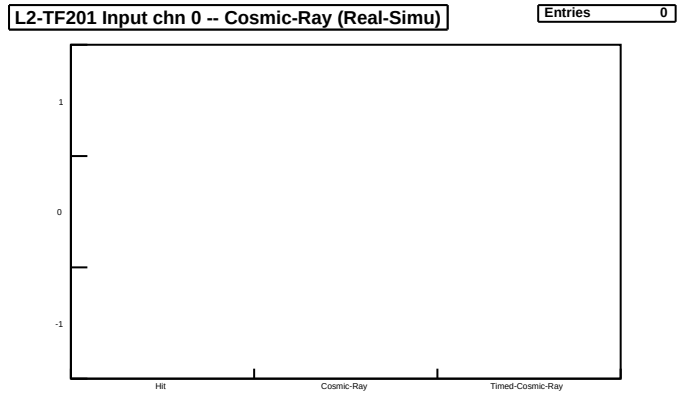

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 80000
Fired
1182 1189 3604 3536 2520 2512 2357 2576
8818 8811 6396 6464 7480 7488 7643 7424
ET IT EOR WOR EU ED WU WD
Bit

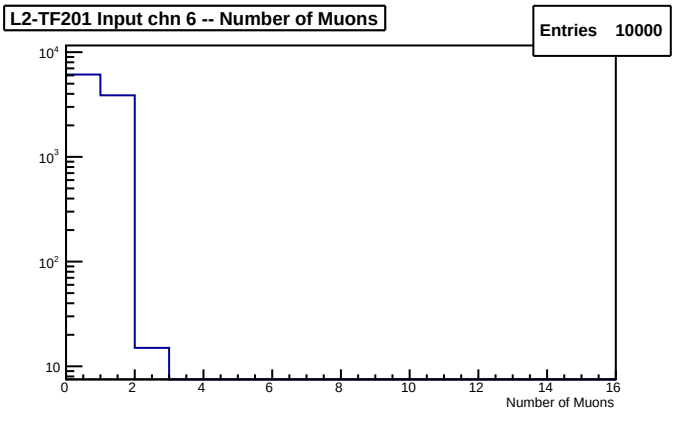

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

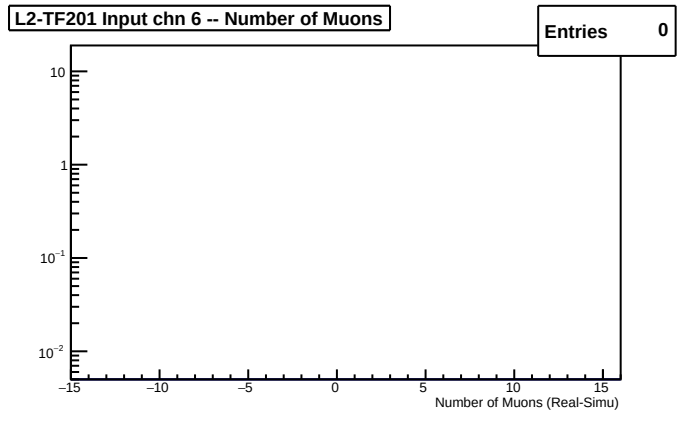

L2-TF201 Input chn 0 -- Number of Muons
Entries 10000
Number of Muons

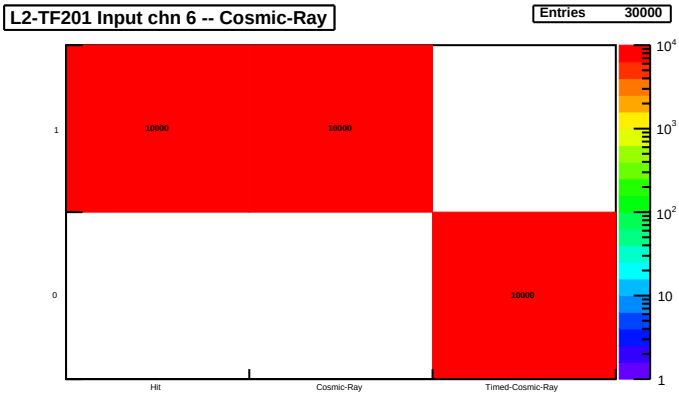

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

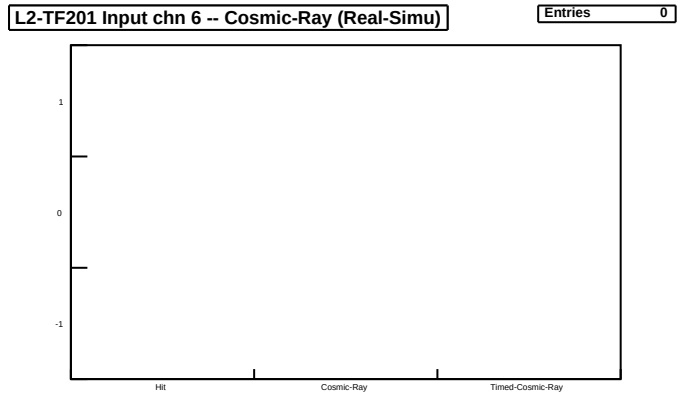

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 30000
10000
10000
10000
Hit
Cosmic-Ray
Timed-Cosmic-Ray

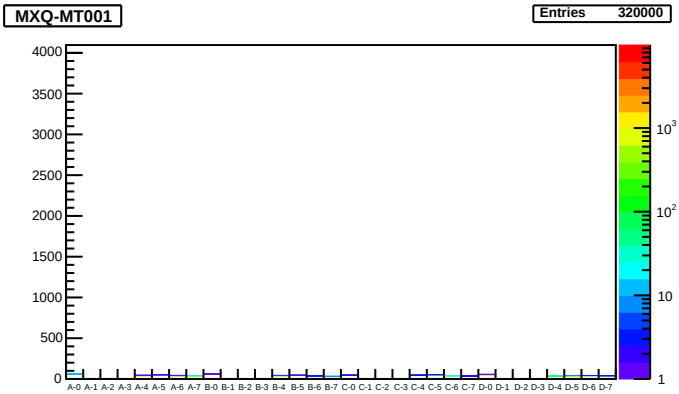

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

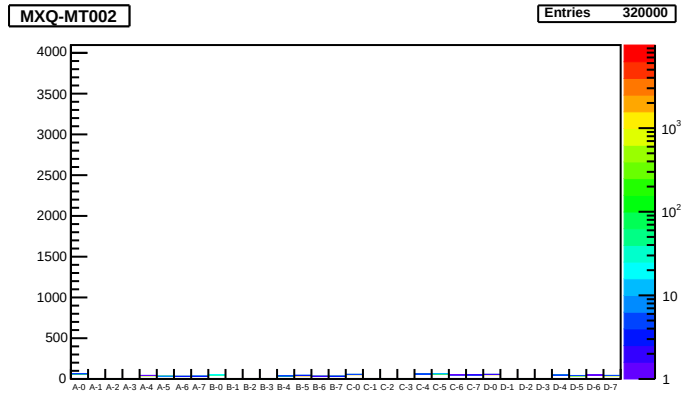

L2-TF201 Input chn 6 -- Number of Muons
Entries 10000
Number of Muons

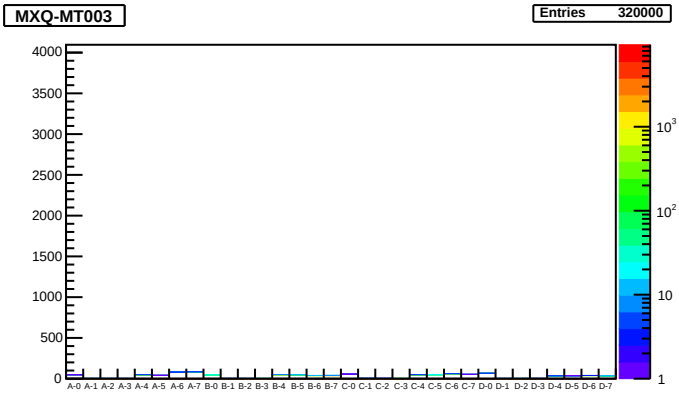

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

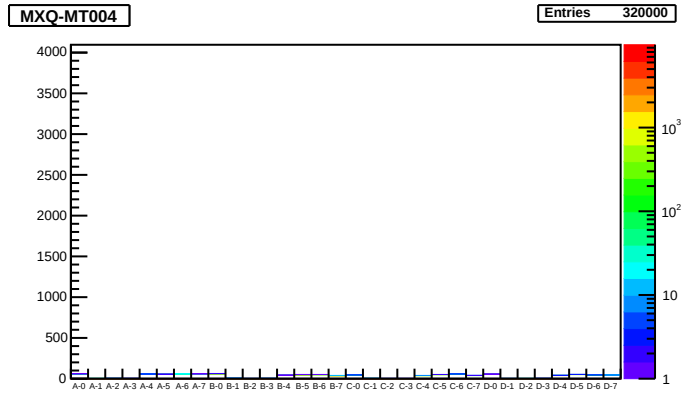

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 30000
10000
10000
10000
Hit
Cosmic-Ray
Timed-Cosmic-Ray

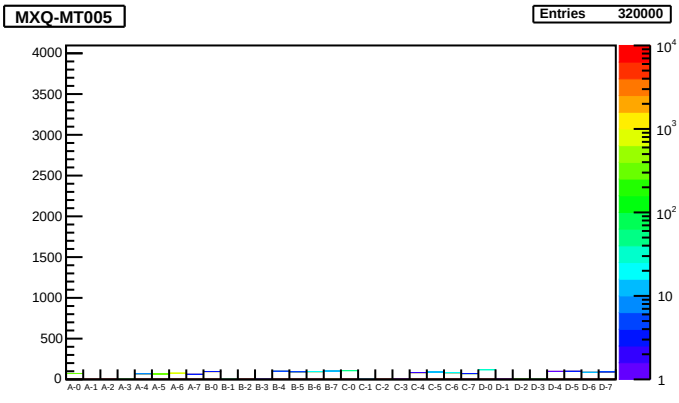

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

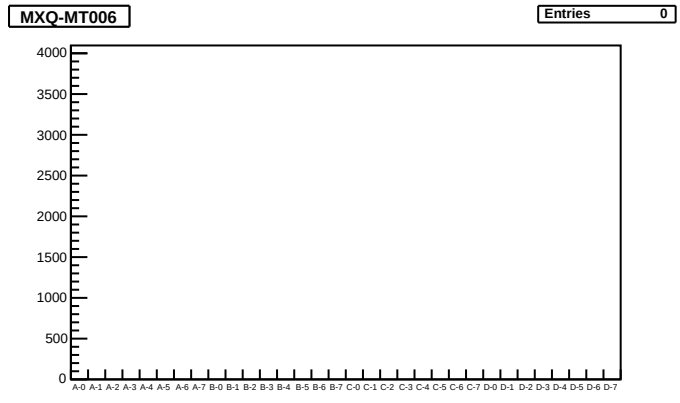

MXQ-MT001
Entries 320000

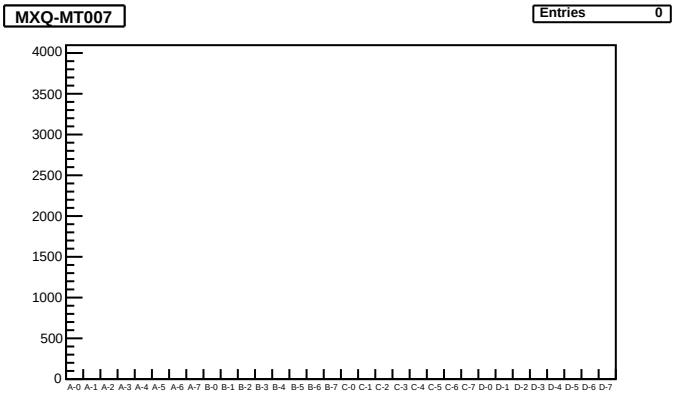

MXQ-MT002
Entries 320000

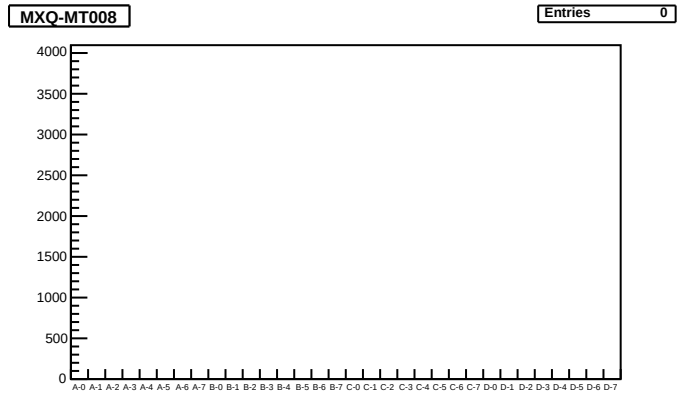

MXQ-MT003
Entries 320000

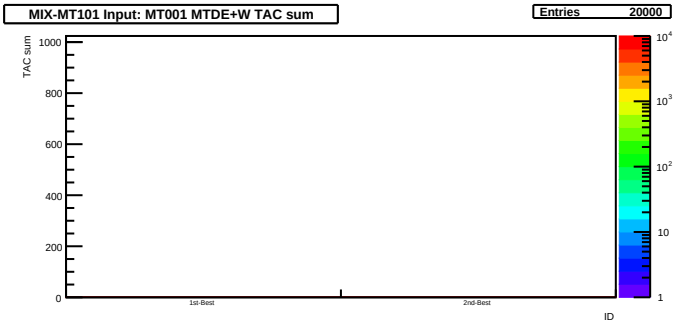

MXQ-MT004
Entries 320000

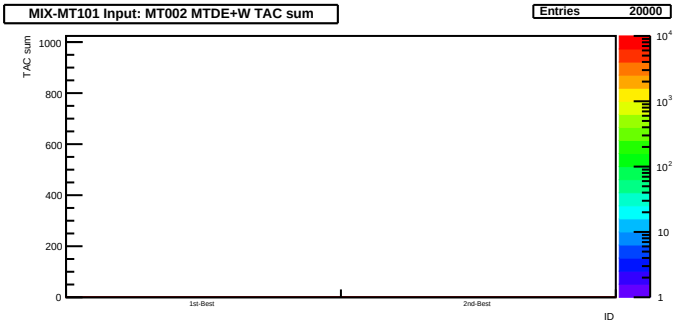

MXQ-MT005
Entries 320000

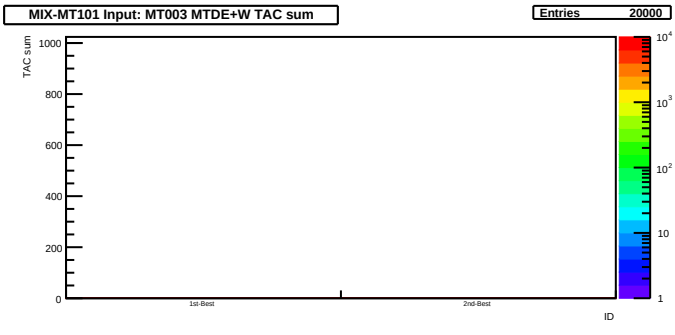

MXQ-MT006
Entries 0

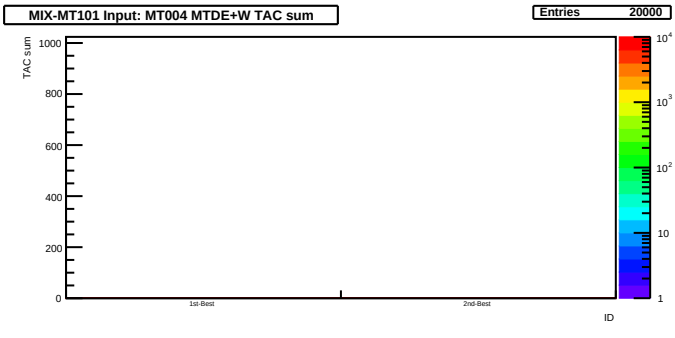

MXQ-MT007
Entries 0

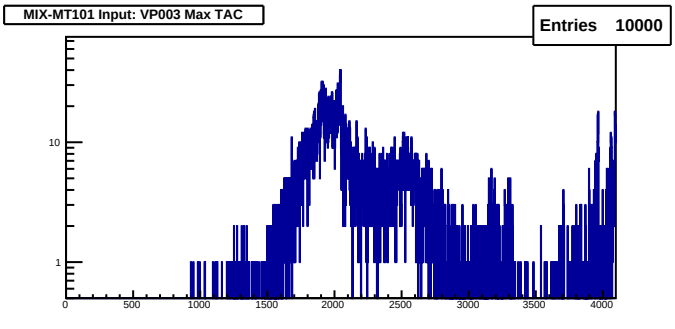

MXQ-MT008
Entries 0

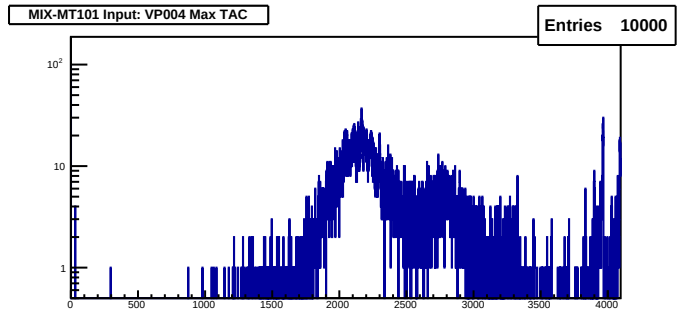

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 20000
TAC sum
1st-Best
2nd-Best
ID

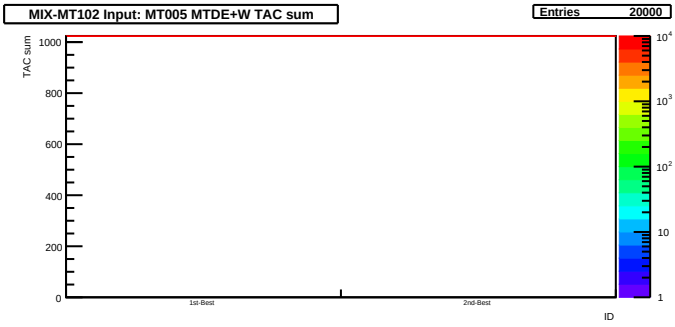

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 20000
TAC sum
1st-Best
2nd-Best
ID

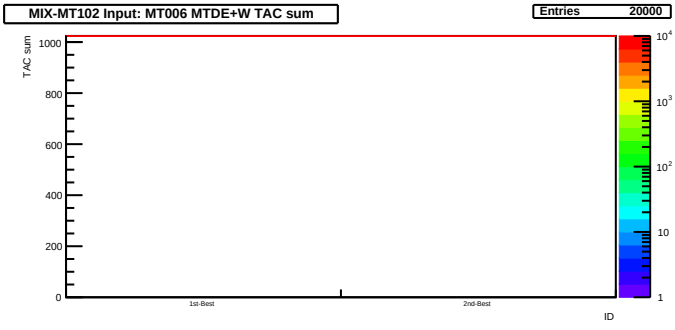

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 20000
TAC sum
1st-Best
2nd-Best
ID

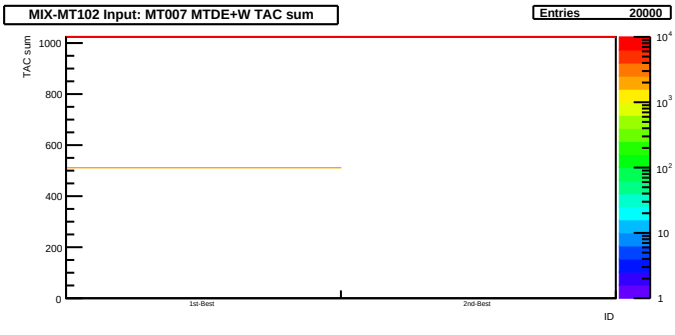

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 20000
TAC sum
1st-Best
2nd-Best
ID

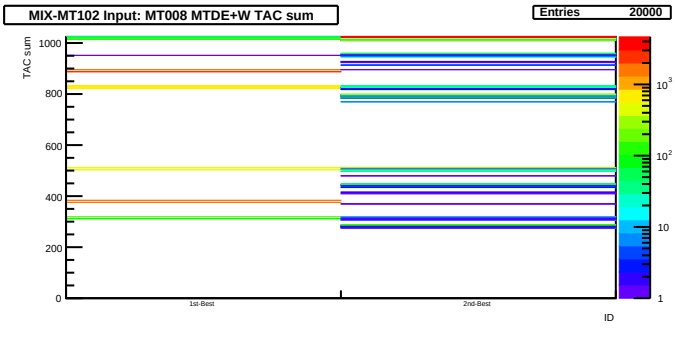

MIX-MT101 Input: VP003 Max TAC
Entries 10000

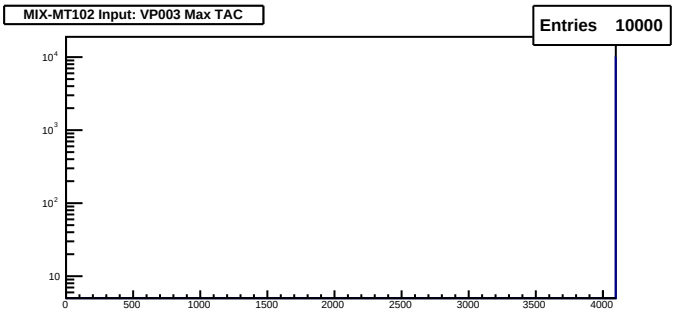

MIX-MT101 Input: VP004 Max TAC
Entries 10000

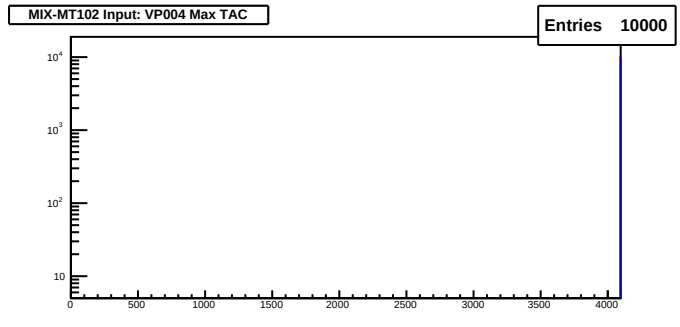

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 20000
TAC sum
1st-Best
2nd-Best
ID

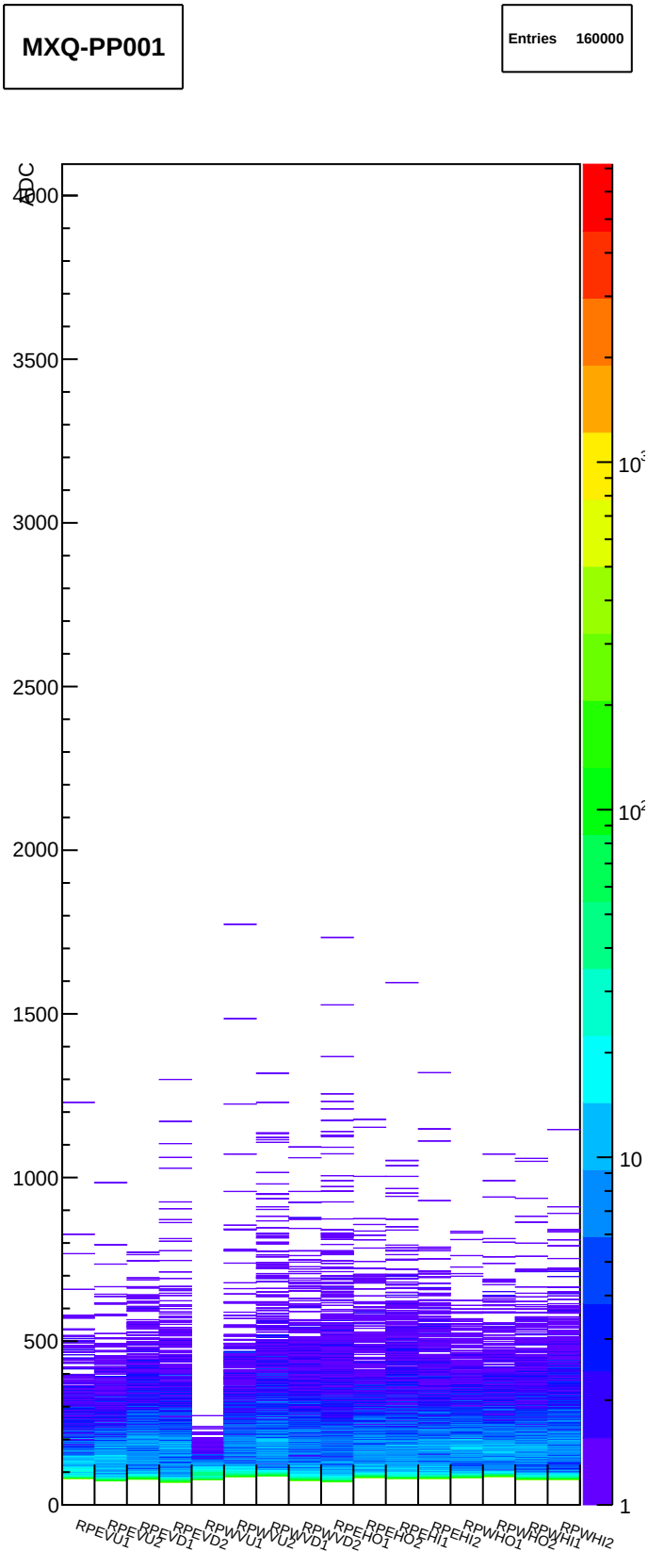

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 20000
TAC sum
1st-Best
2nd-Best
ID

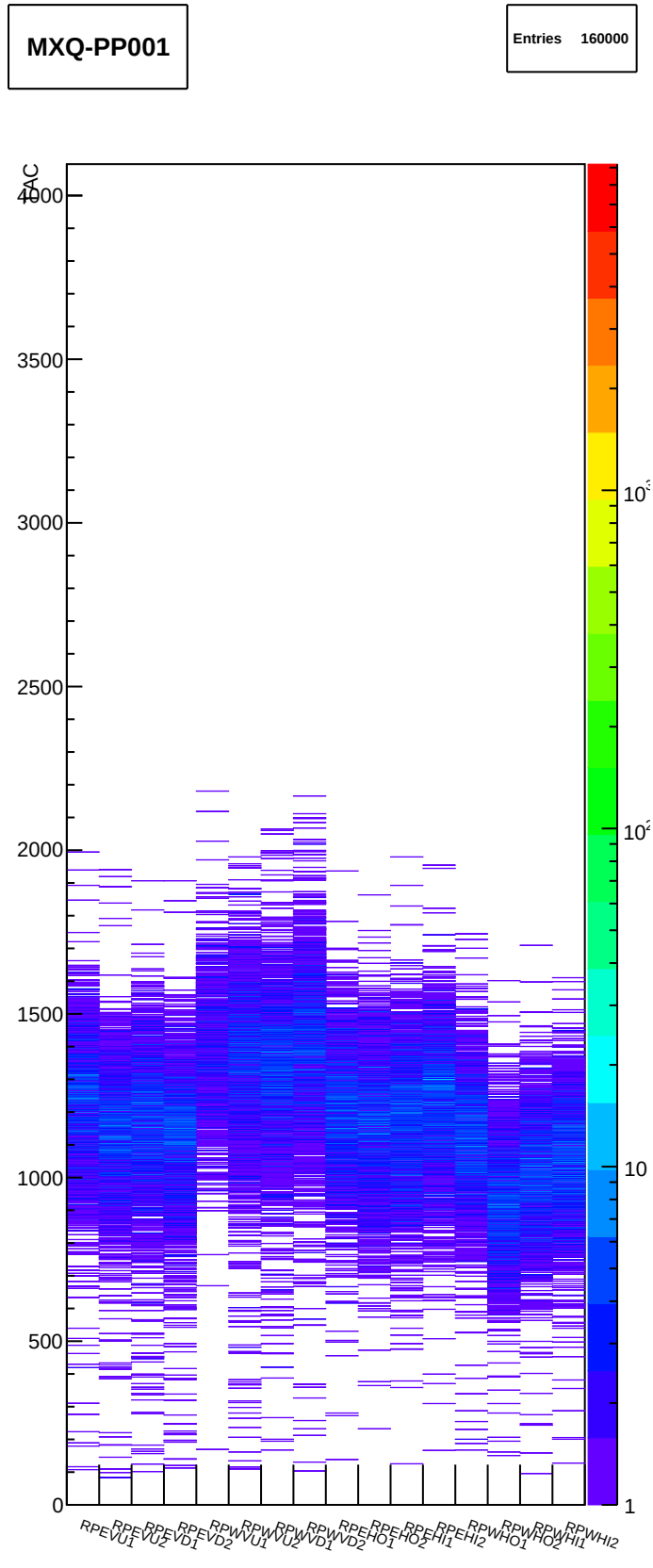

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 20000
TAC sum
1st-Best
2nd-Best
ID

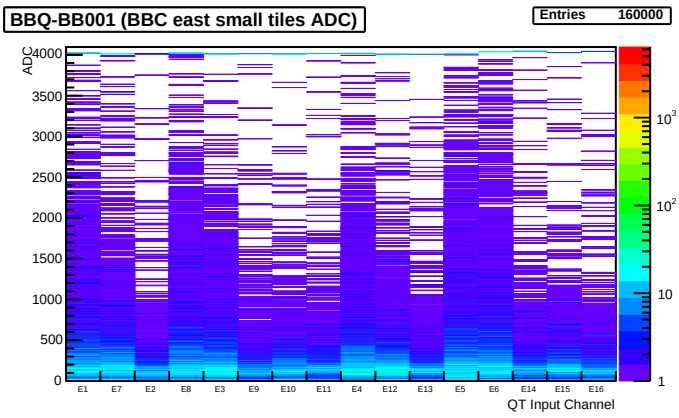

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 20000
TAC sum
1st-Best
2nd-Best
ID

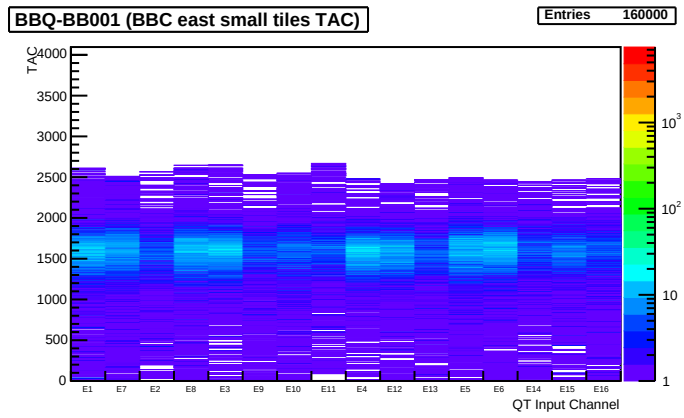

MIX-MT102 Input: VP003 Max TAC
Entries 10000

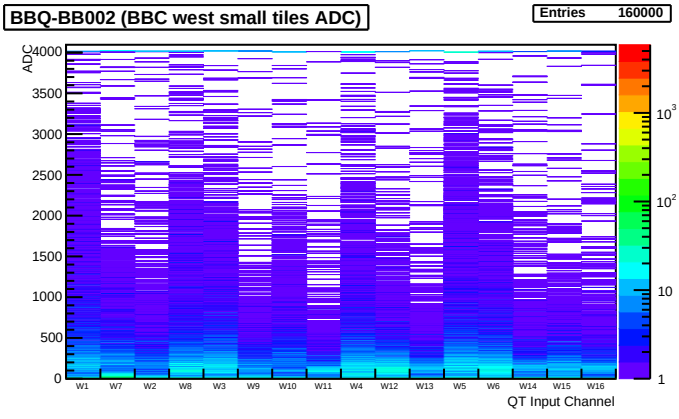

MIX-MT102 Input: VP004 Max TAC
Entries 10000

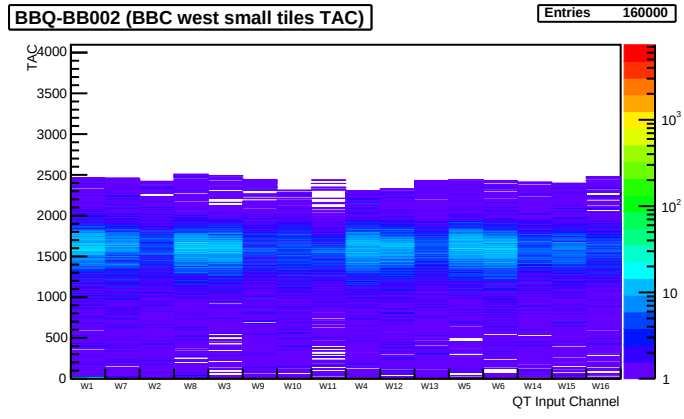

MXQ-PP001
Entries 160000
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

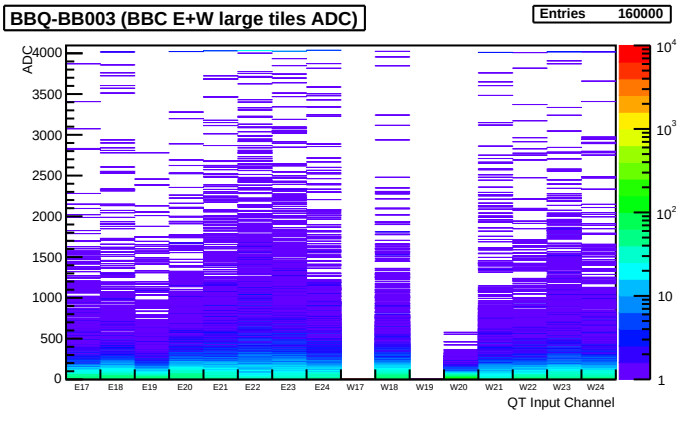

MXQ-PP001
Entries 160000
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

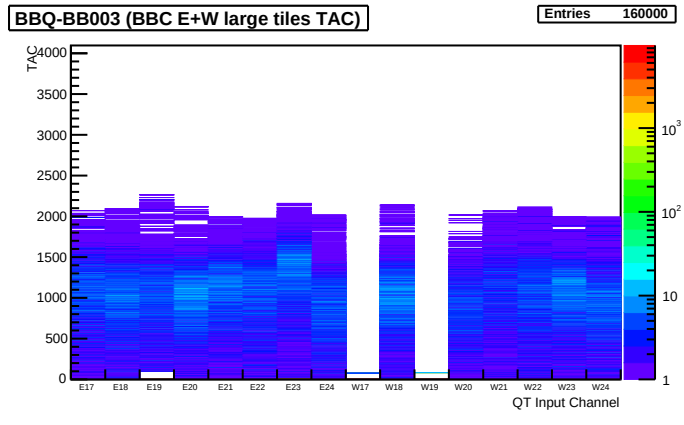

BBQ-BB001 (BBC east small tiles ADC)
Entries 160000
ADC
QT Input Channel

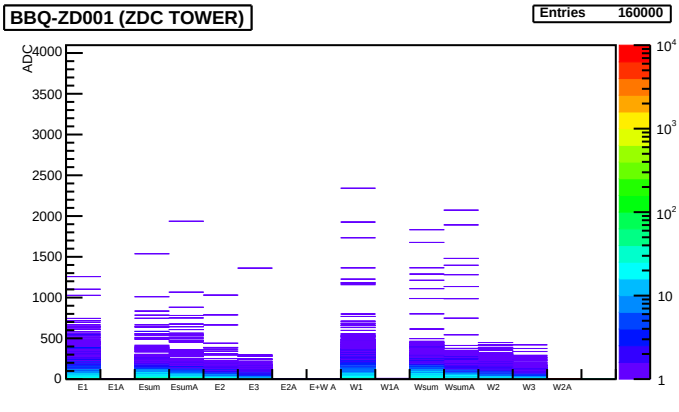

BBQ-BB001 (BBC east small tiles TAC)
Entries 160000
TAC
QT Input Channel

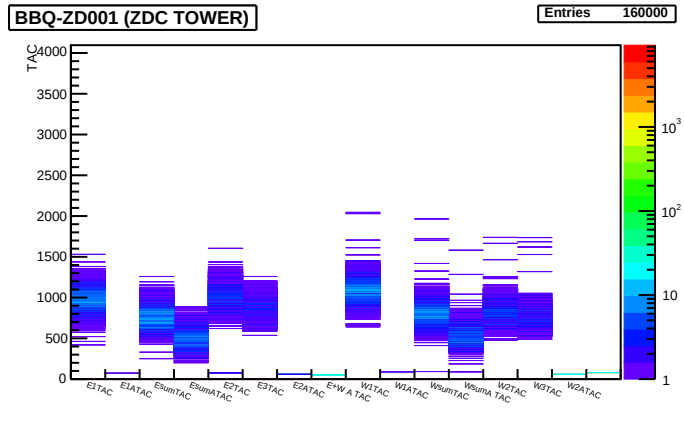

BBQ-BB002 (BBC west small tiles ADC)
Entries 160000
ADC
QT Input Channel

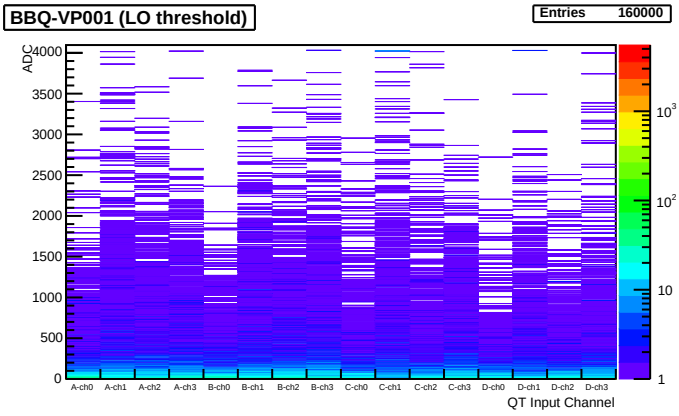

BBQ-BB002 (BBC west small tiles TAC)
Entries 160000
TAC
QT Input Channel

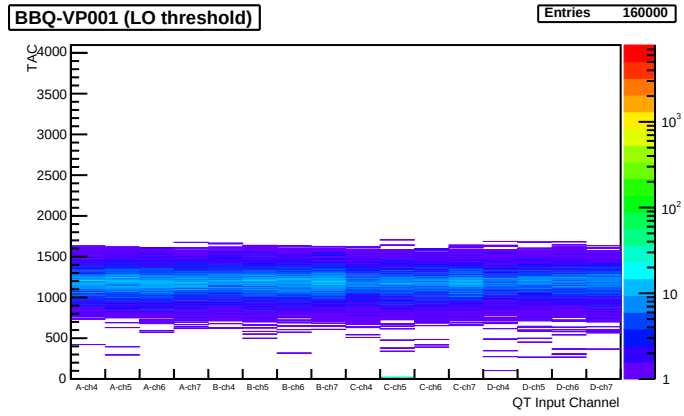

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 160000
ADC
QT Input Channel

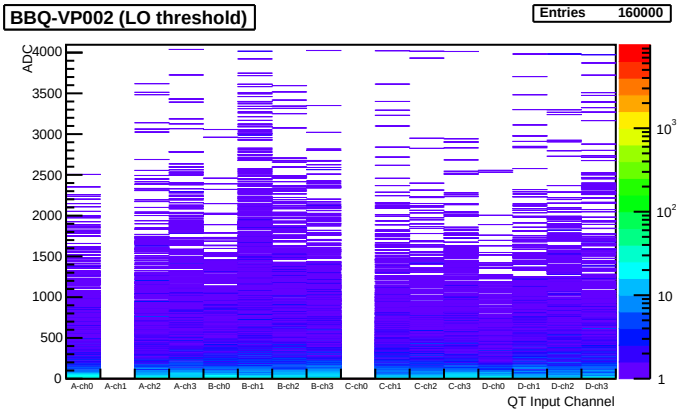

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 160000
TAC
QT Input Channel

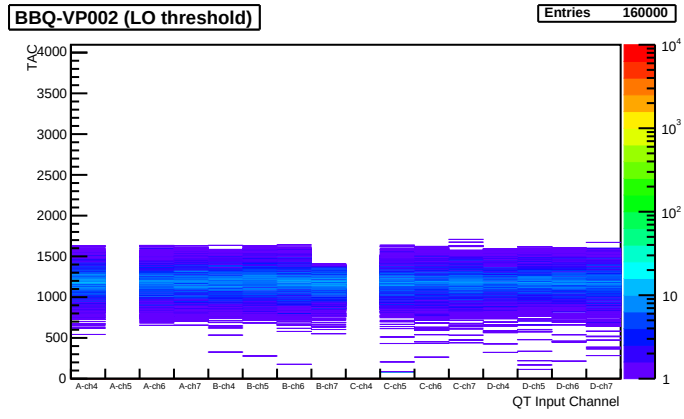

BBQ-ZD001 (ZDC TOWER)
Entries 160000
ADC

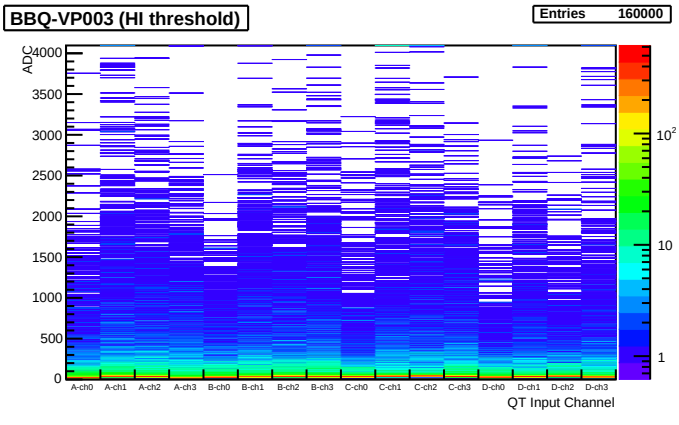

BBQ-ZD001 (ZDC TOWER)
Entries 160000
TAC

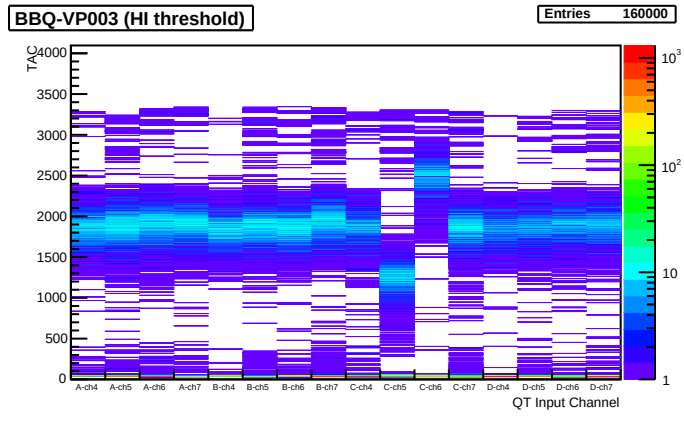

BBQ-VP001 (LO threshold)
Entries 160000
ADC
QT Input Channel

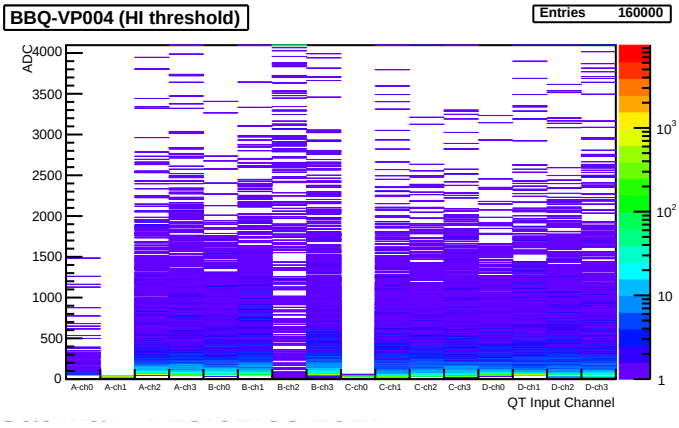

BBQ-VP001 (LO threshold)
Entries 160000
TAC
QT Input Channel

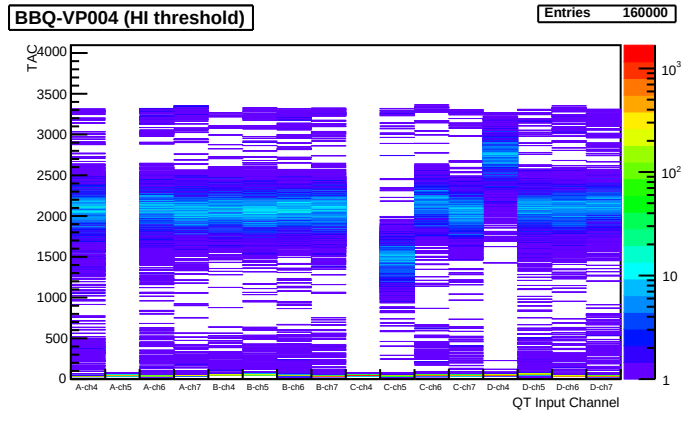

BBQ-VP002 (LO threshold)
Entries 160000
ADC
QT Input Channel

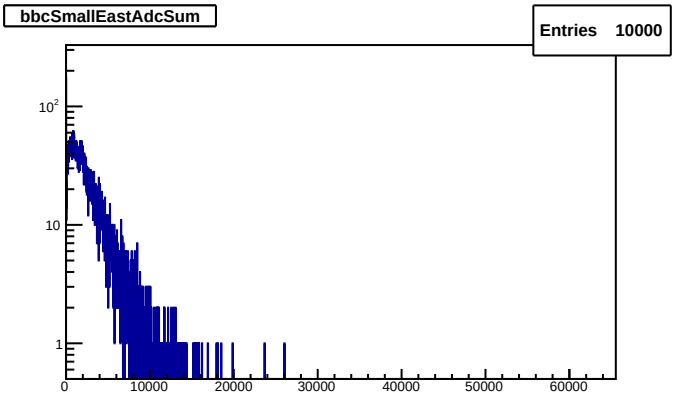

BBQ-VP002 (LO threshold)
Entries 160000
TAC
QT Input Channel

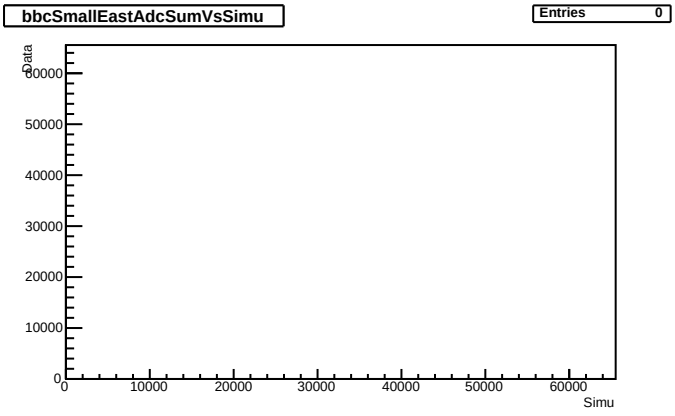

BBQ-VP003 (HI threshold)
Entries 160000
ADC
QT Input Channel

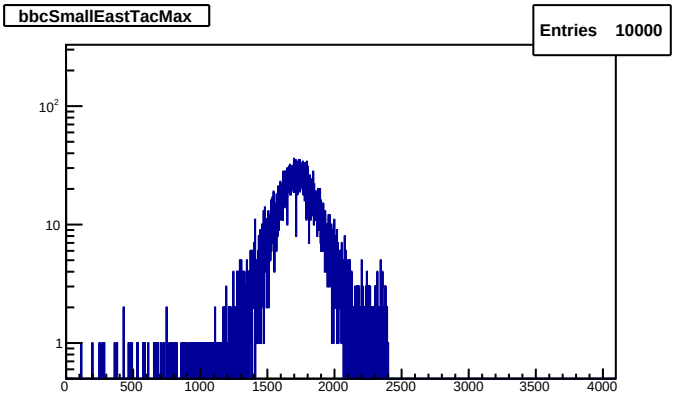

BBQ-VP003 (HI threshold)
Entries 160000
TAC
QT Input Channel

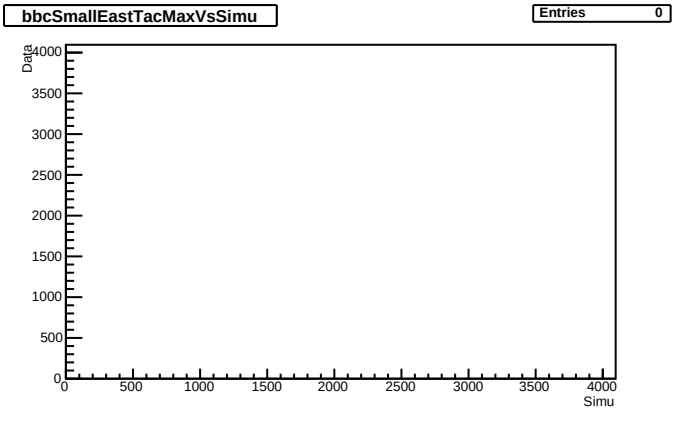

BBQ-VP004 (HI threshold)
Entries 160000
ADC
QT Input Channel

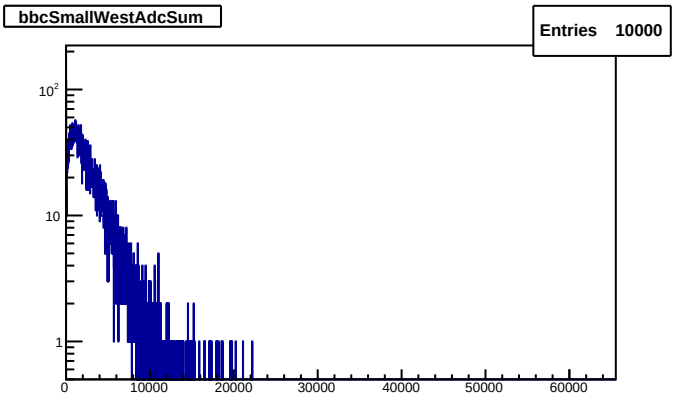

BBQ-VP004 (HI threshold)
Entries 160000
TAC
QT Input Channel

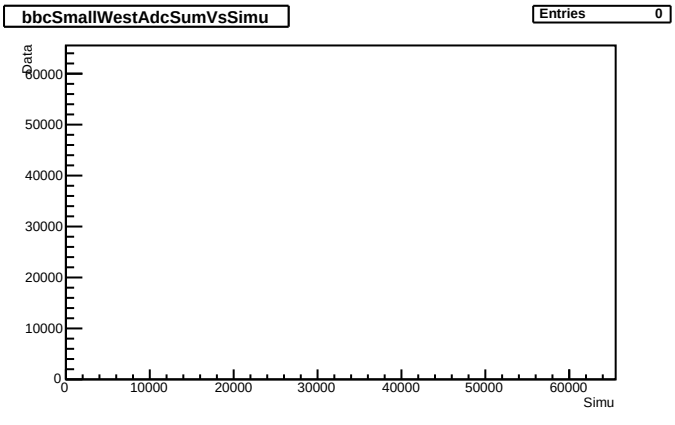

bbcSmallEastAdcSum
Entries 10000

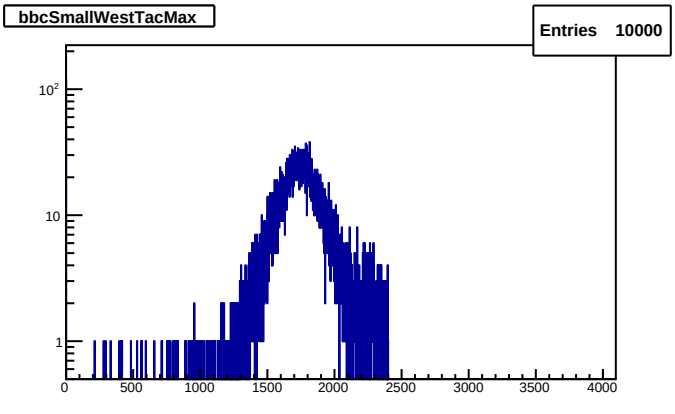

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

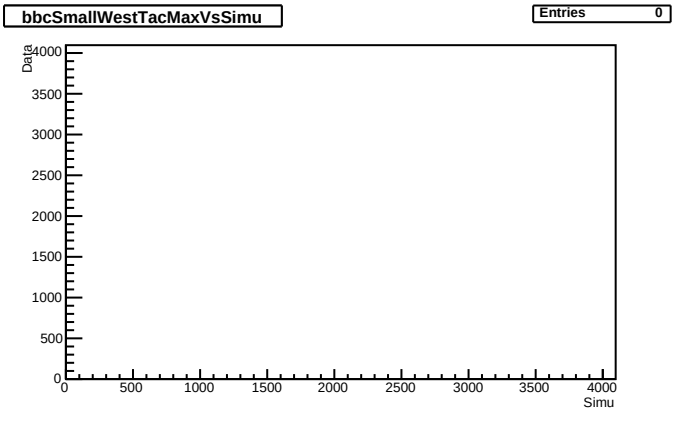

bbcSmallEastTacMax
Entries 10000

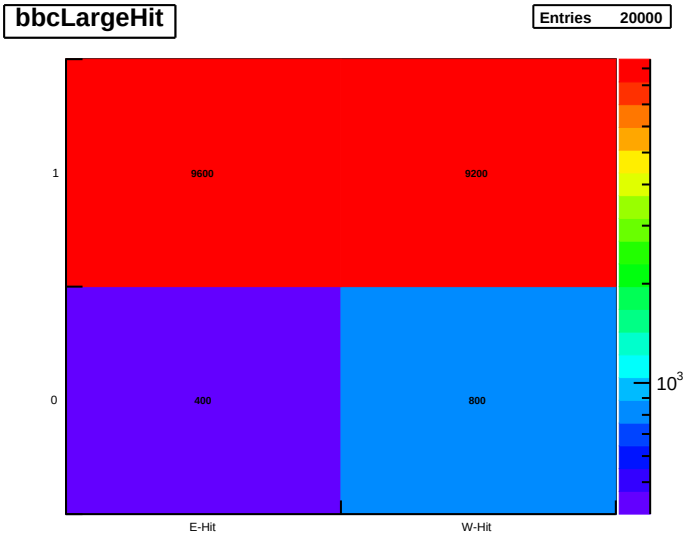

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

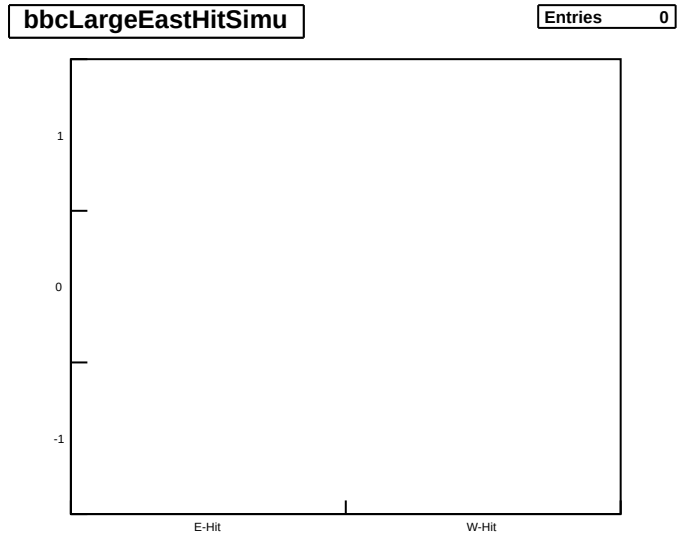

bbcSmallWestAdcSum
Entries 10000

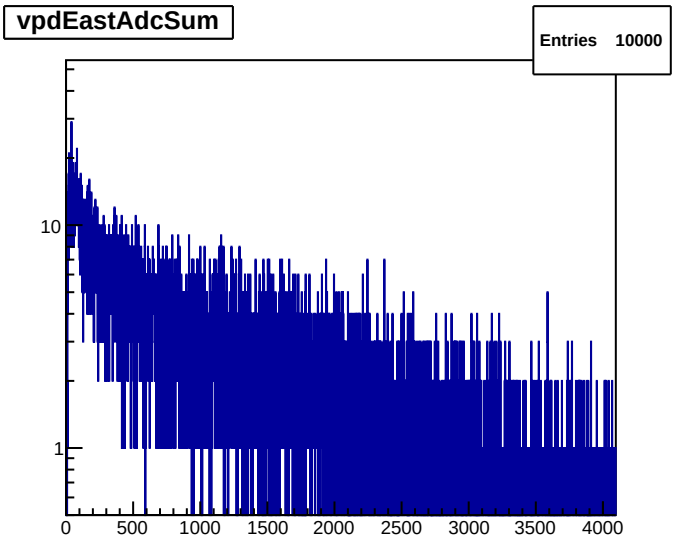

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

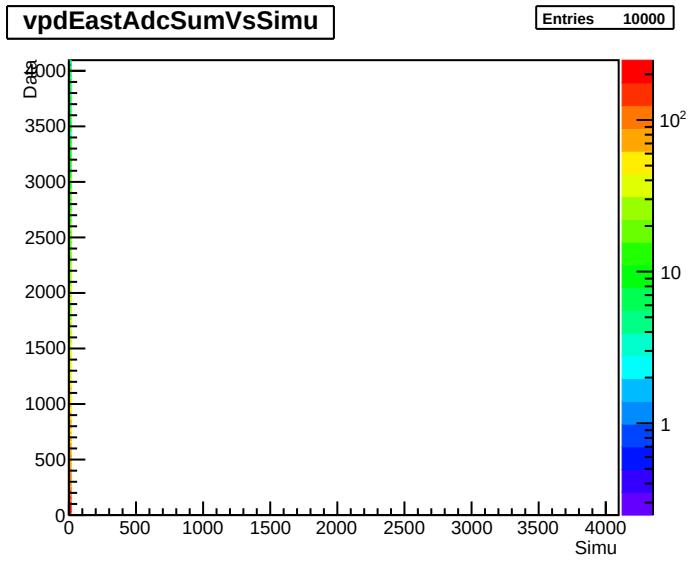

bbcSmallWestTacMax
Entries 10000

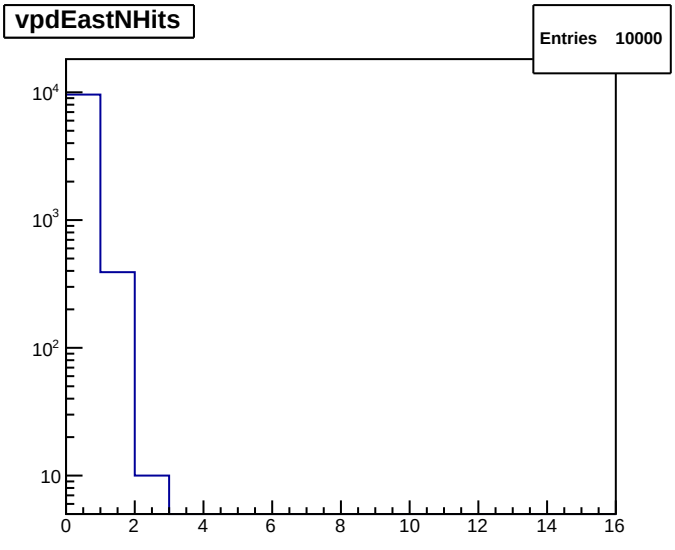

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

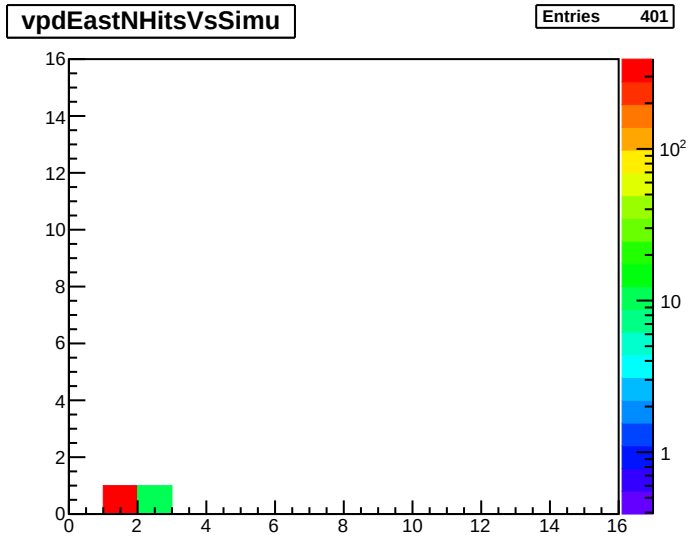

bbcLargeHit
Entries 20000
1
0
9600
9200
400
800
E-Hit
W-Hit
10^3

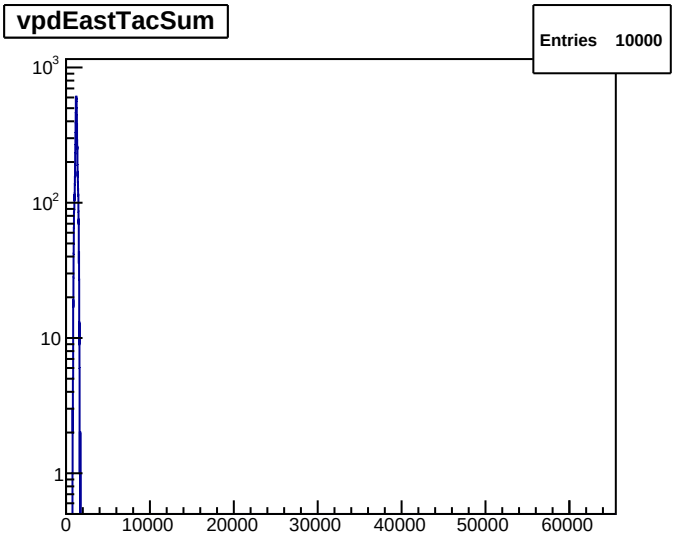

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

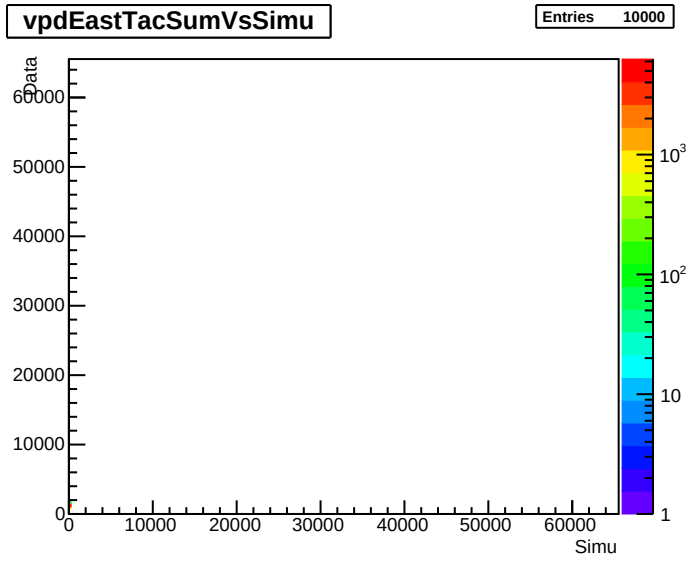

vpdEastAdcSum
Entries 10000

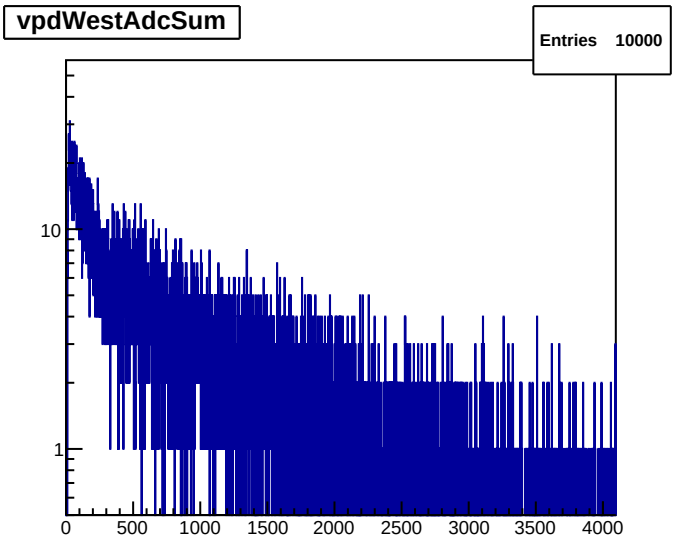

vpdEastAdcSumVsSimu
Entries 10000
Data
Simu

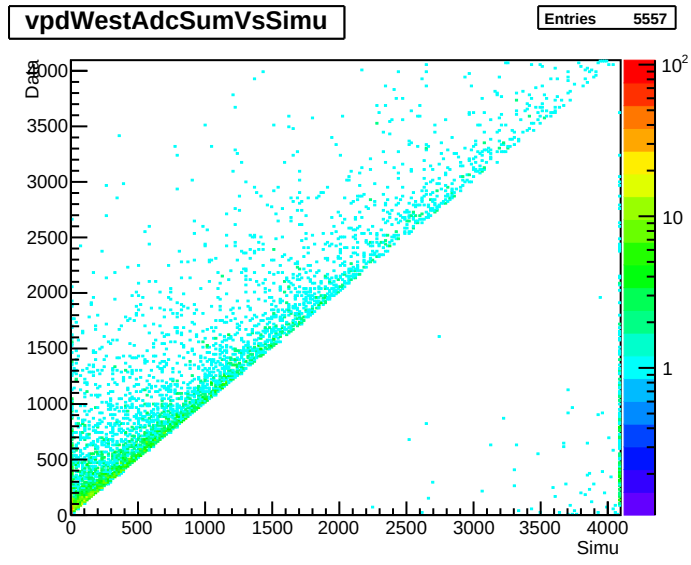

vpdEastNHits
Entries 10000

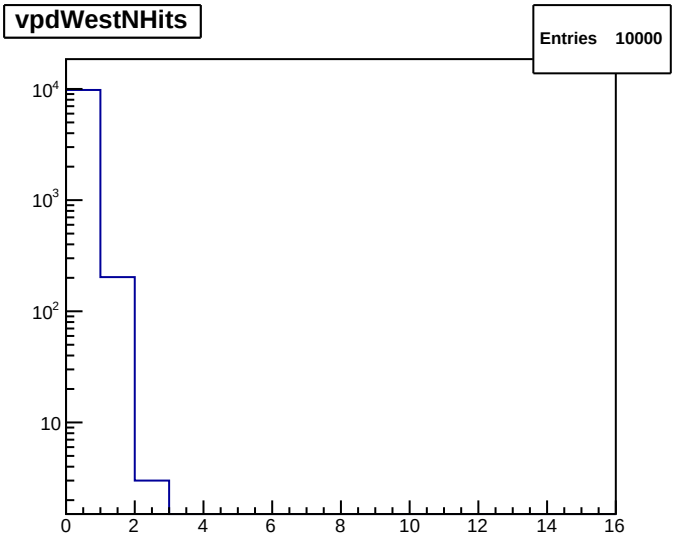

vpdEastNHitsVsSimu
Entries 401

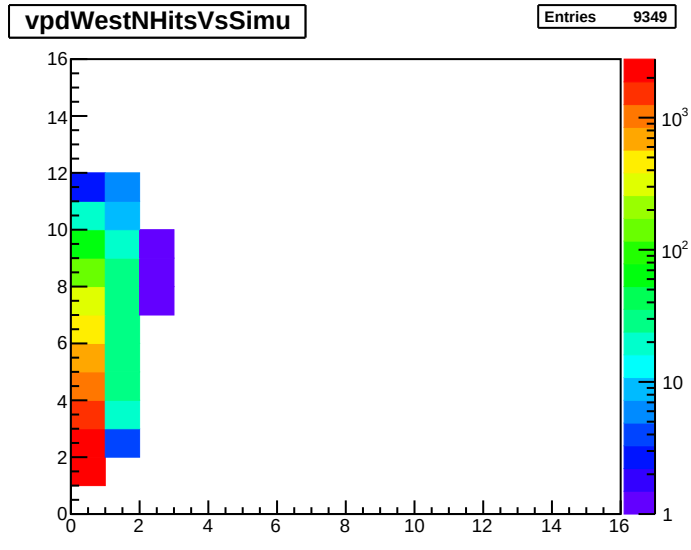

vpdEastTacSum
Entries 10000

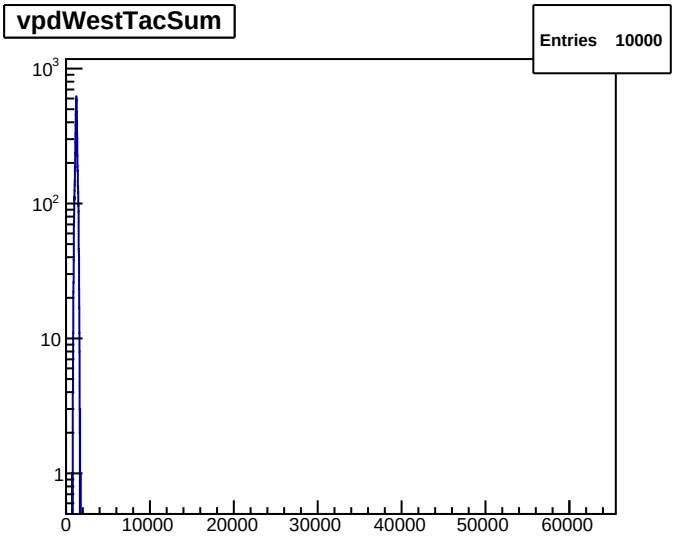

vpdEastTacSumVsSimu
Entries 10000
Data
Simu

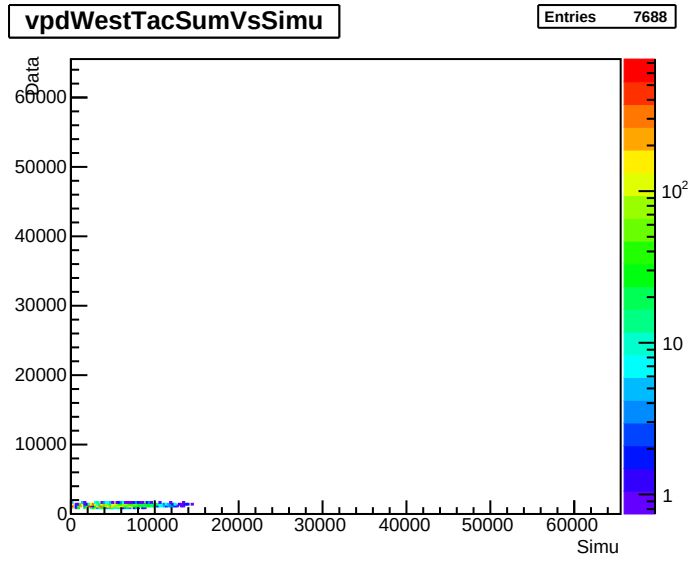

vpdWestAdcSum
Entries 10000

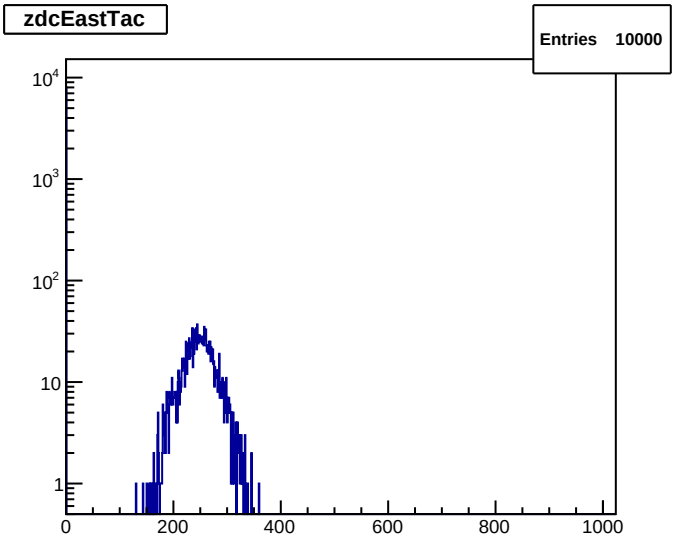

vpdWestAdcSumVsSimu
Entries 5557
Data
Simu

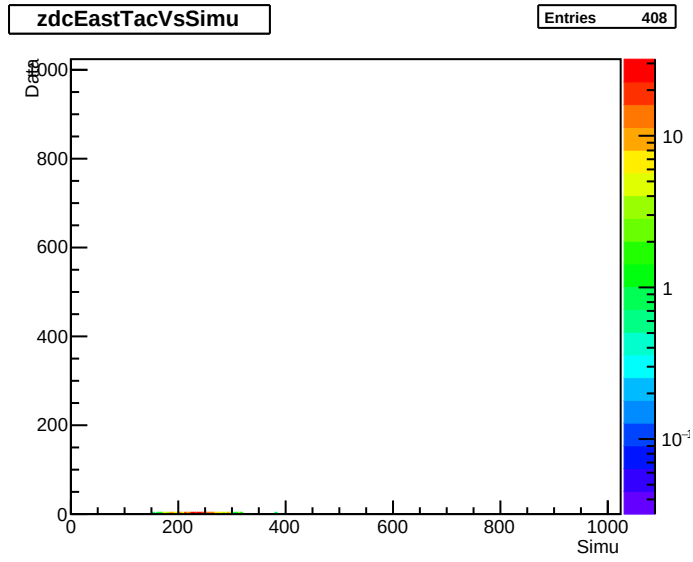

vpdWestNHits
Entries 10000

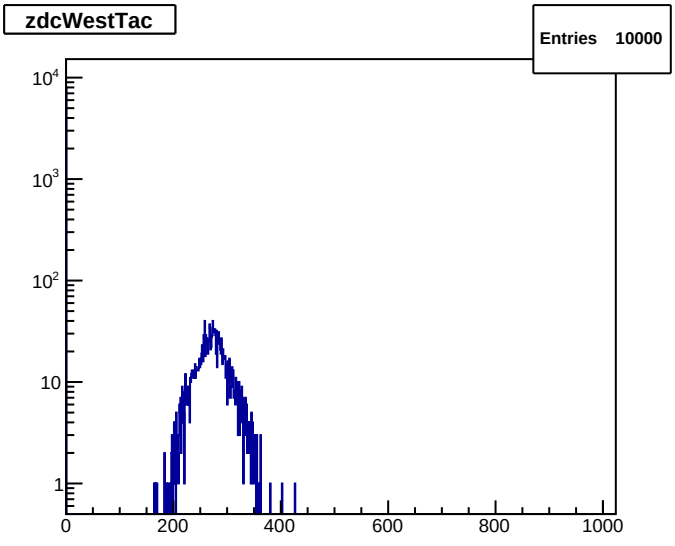

vpdWestNHitsVsSimu
Entries 9349

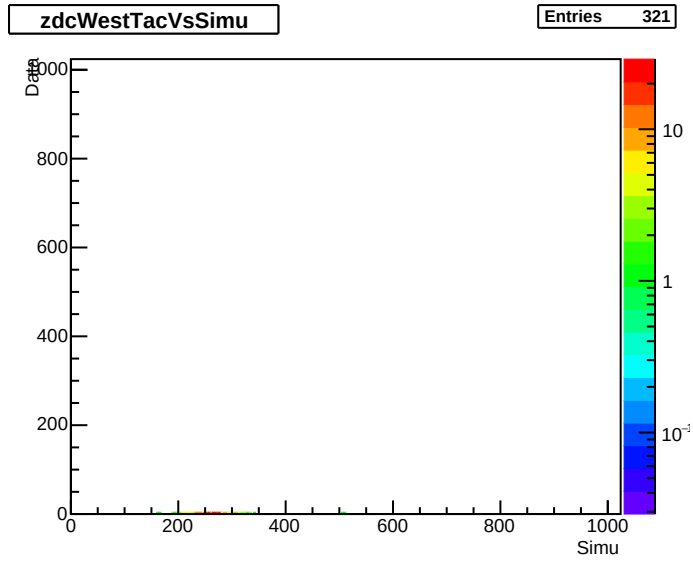

vpdWestTacSum
Entries 10000

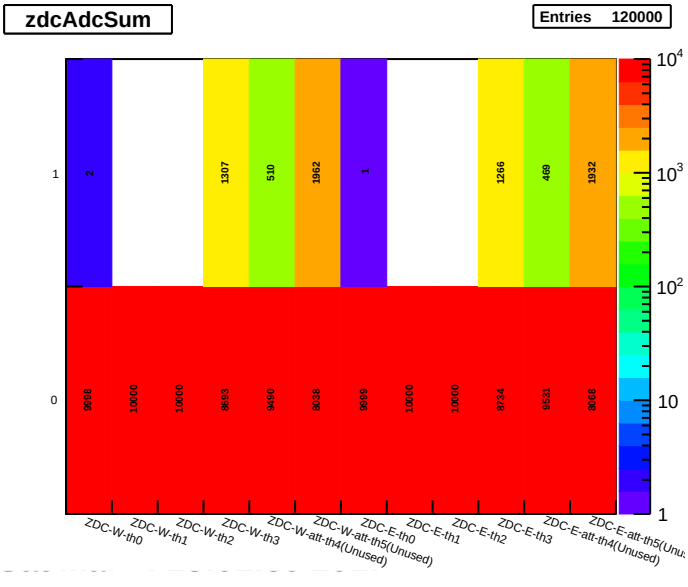

vpdWestTacSumVsSimu
Entries 7688
Data
Simu

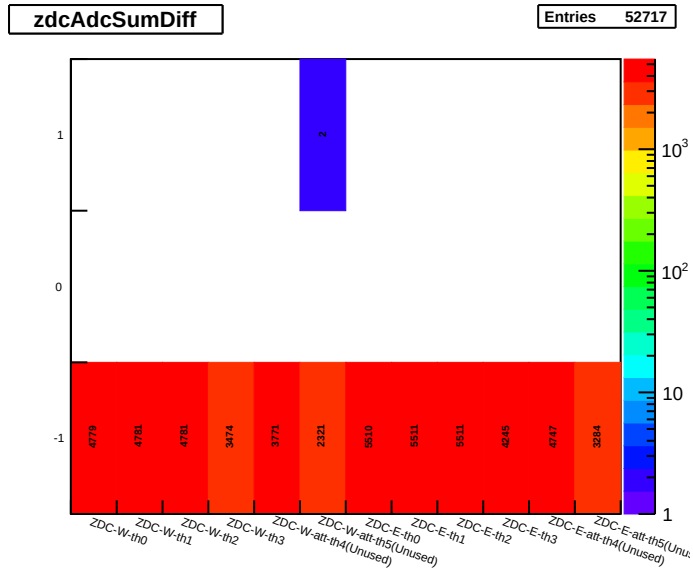

zdcEastTac
Entries 10000

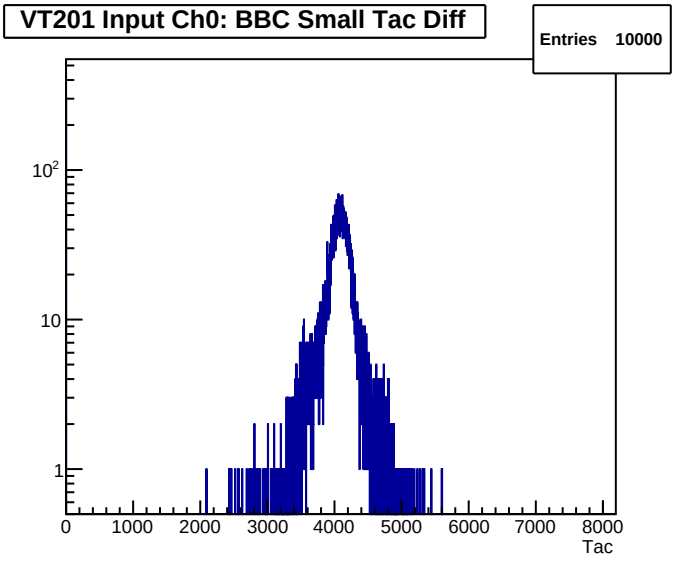

zdcEastTacVsSimu
Entries 408
Data
Simu

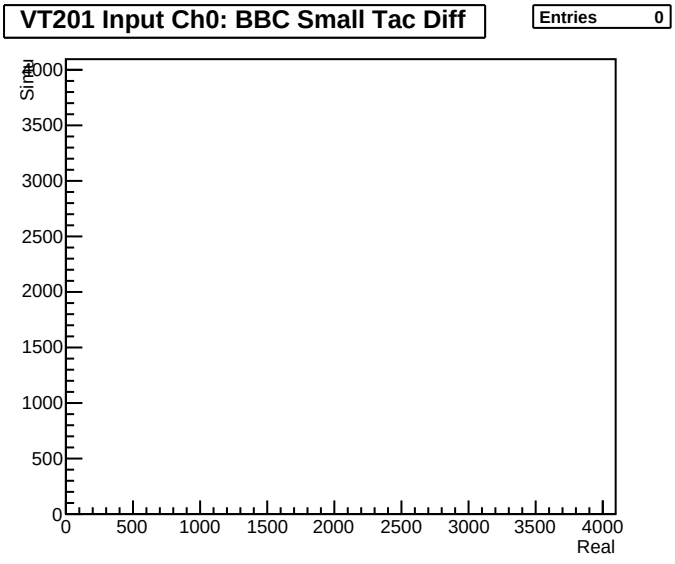

zdcWestTac
Entries 10000

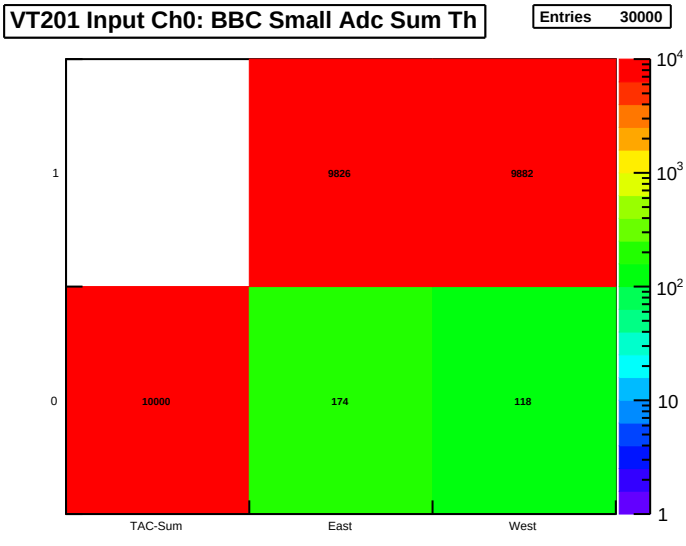

zdcWestTacVsSimu
Entries 321
Data
Simu

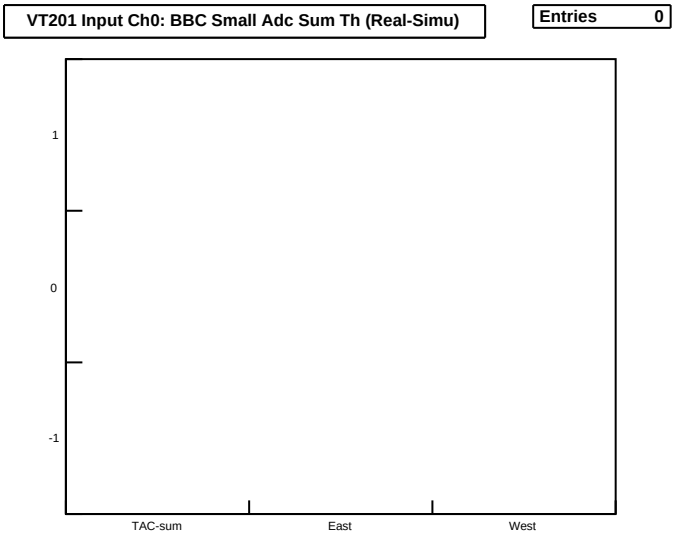

zdcAdcSum
Entries 120000
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

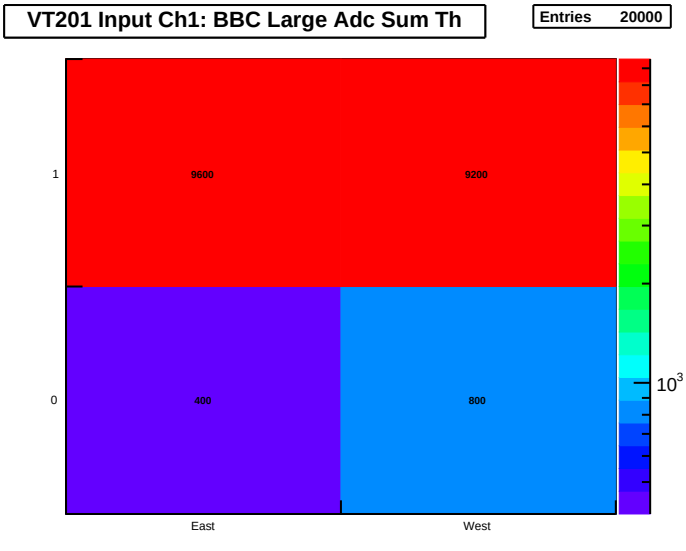

zdcAdcSumDiff
Entries 52717
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

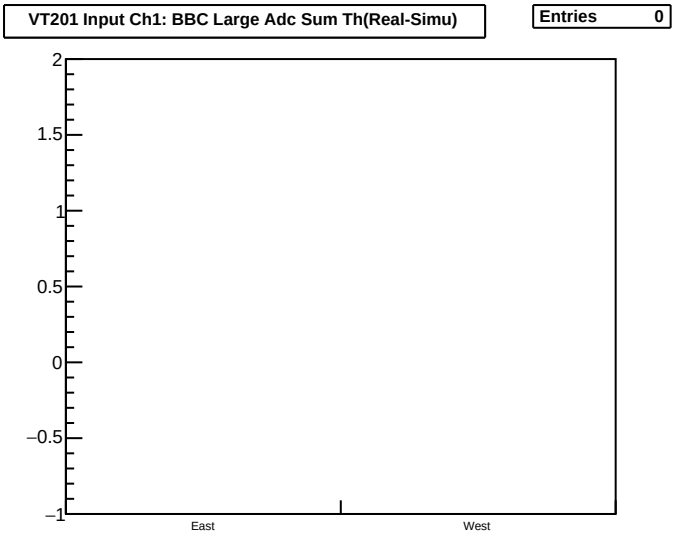

VT201 Input Ch0: BBC Small Tac Diff
Entries 10000
Tac


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

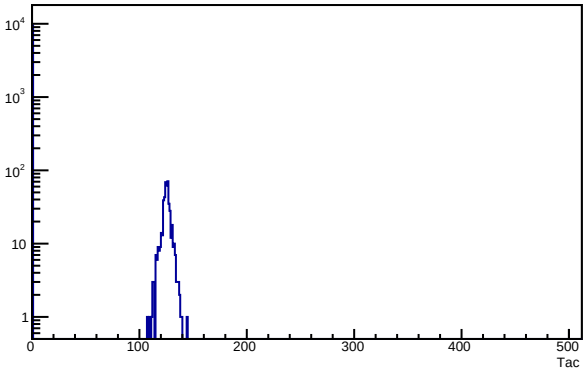

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 30000
9826
9882
10000
174
118
TAC-Sum
East
West


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

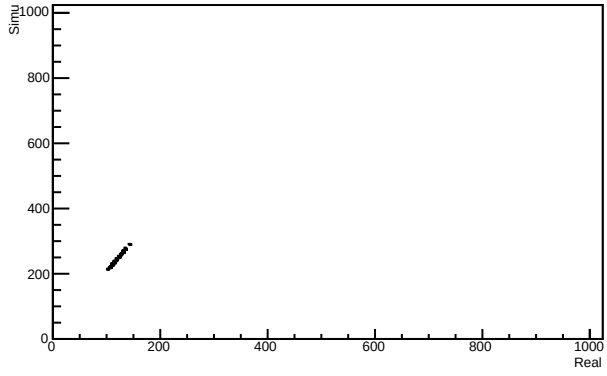

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 20000
9600
9200
400
800
East
West


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

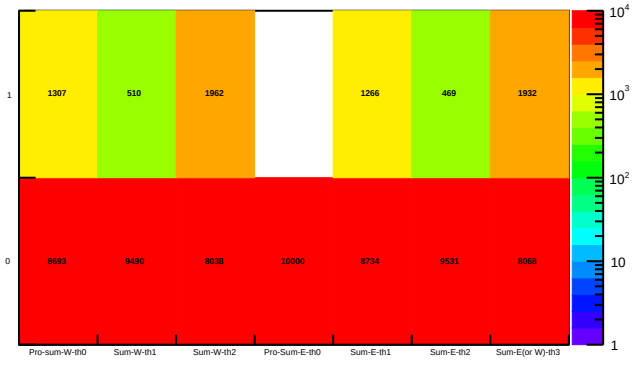
VT201 Input Ch2: ZDC Tac Diff



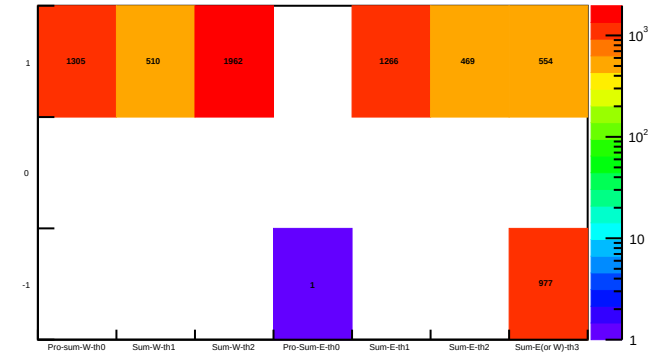
VT201 Input Ch2: ZDC Tac Diff



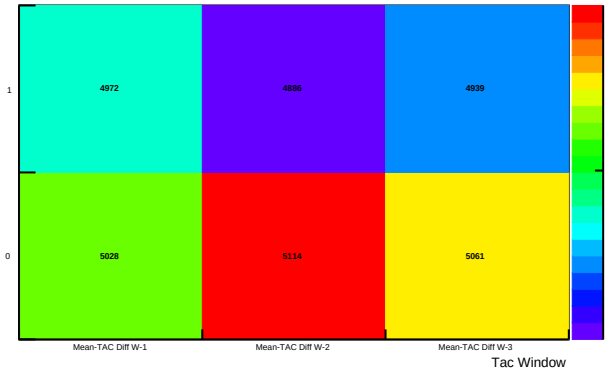
VT201 Input Ch2: ZDC Adc Sum Th



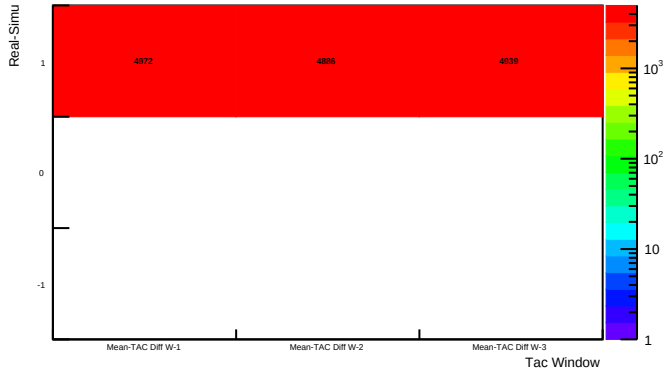
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



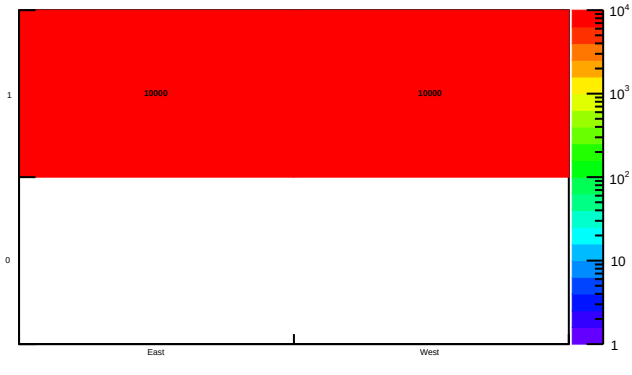
VT201 Input Ch4: VPD Tac Diff



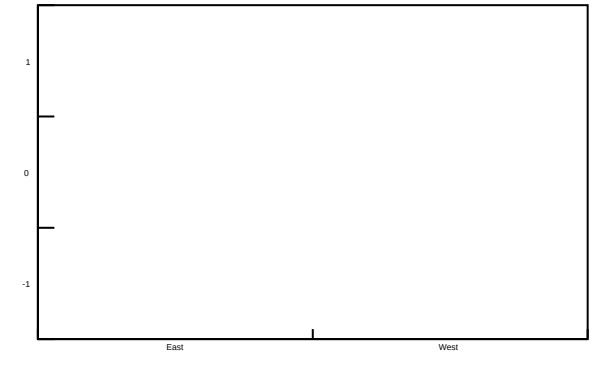
VT201 Input Ch4: VPD Tac Diff

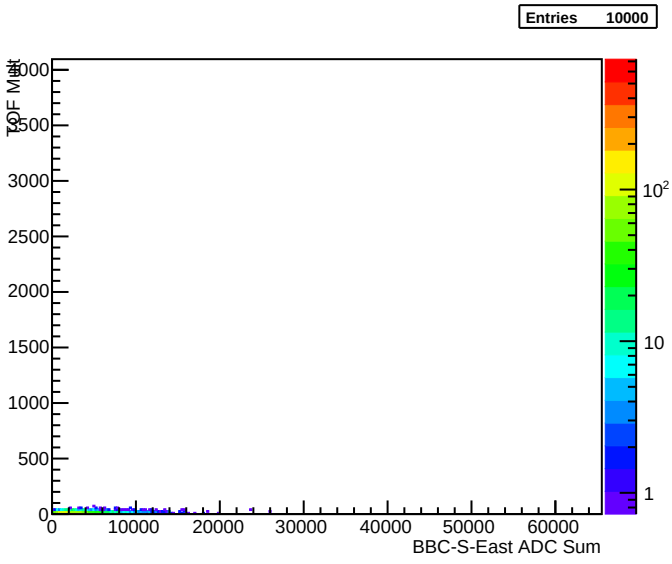


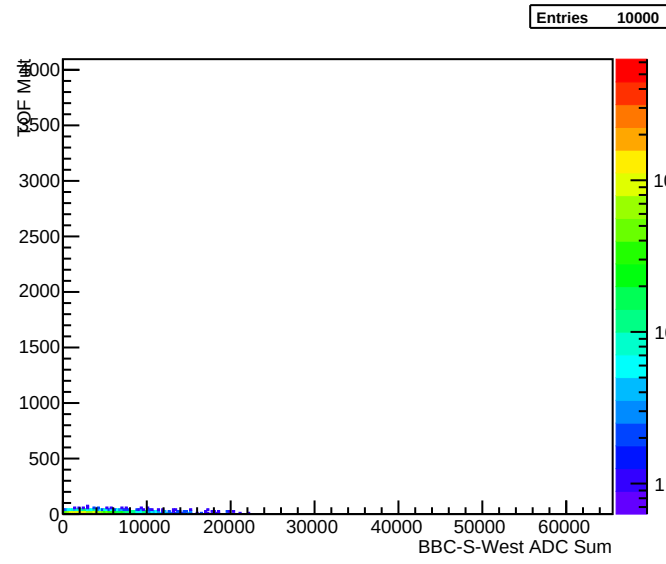
VT201 Input Ch4: VPD Adc Sum Th

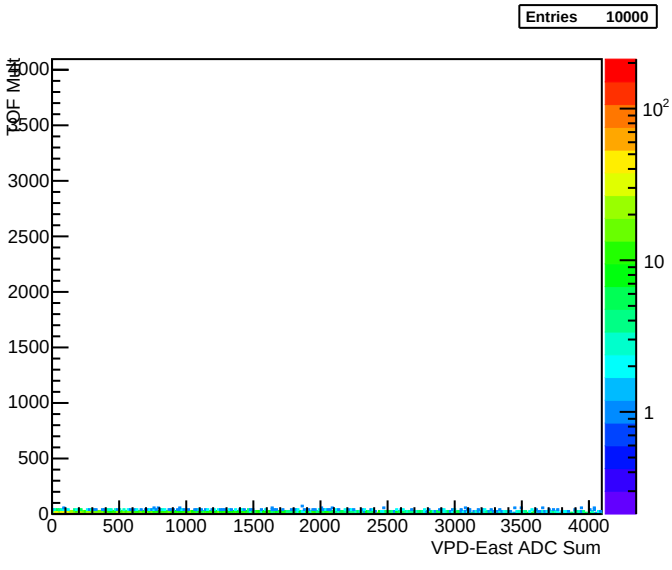


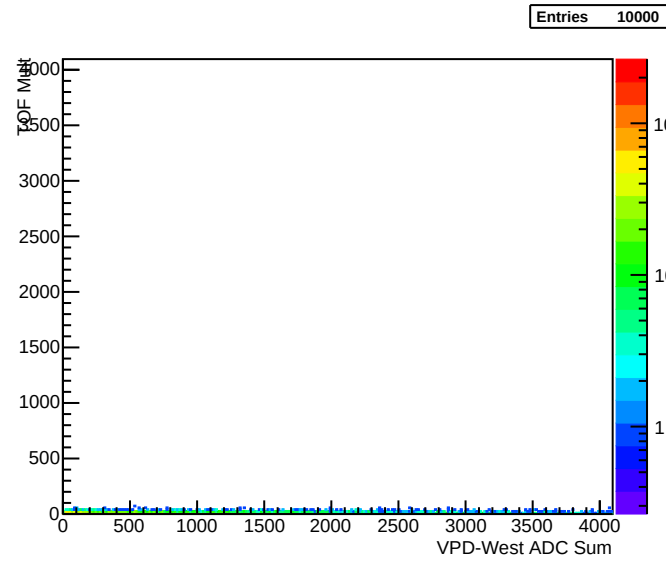
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

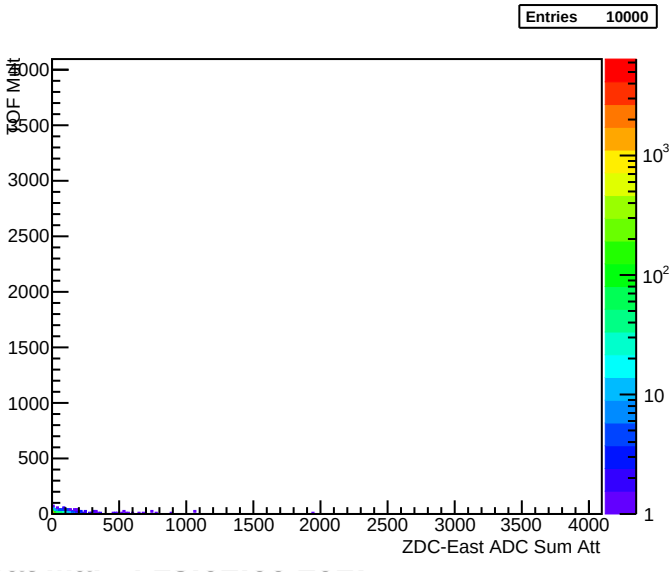


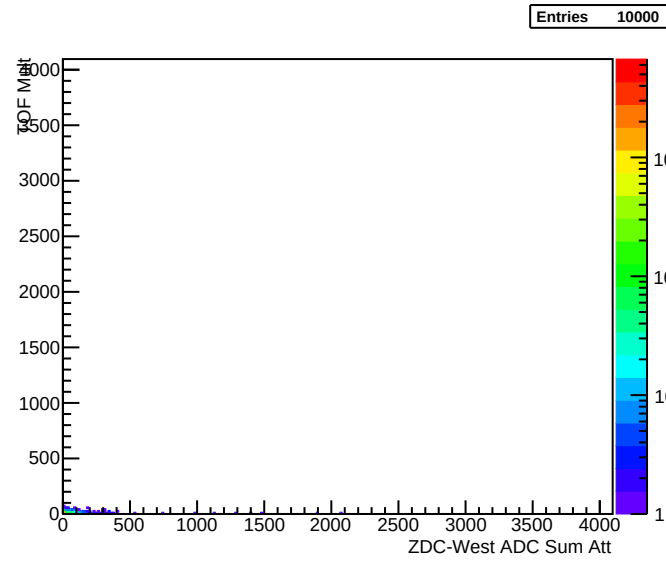

Entries 10000
TOF Mult
BBC-S-East ADC Sum

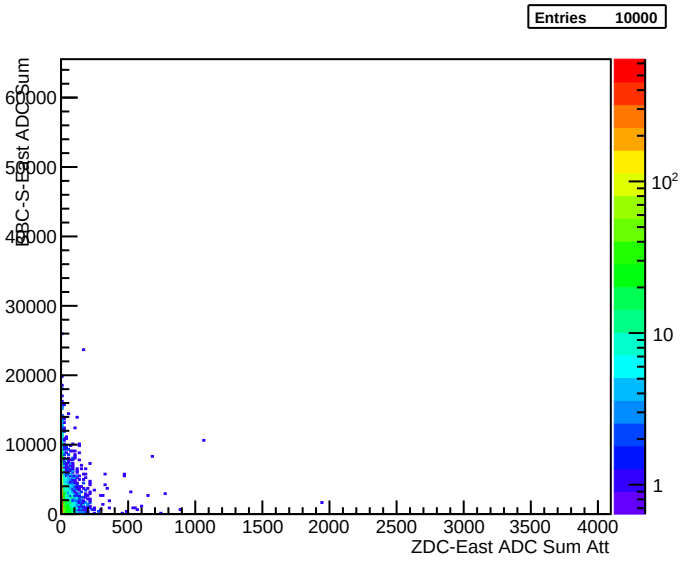

Entries 10000
TOF Mult
BBC-S-West ADC Sum

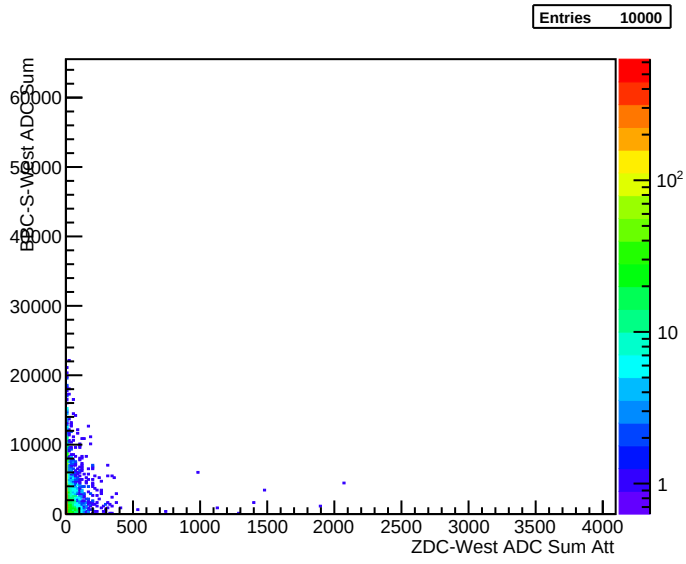

Entries 10000
TOF Mult
VPD-East ADC Sum

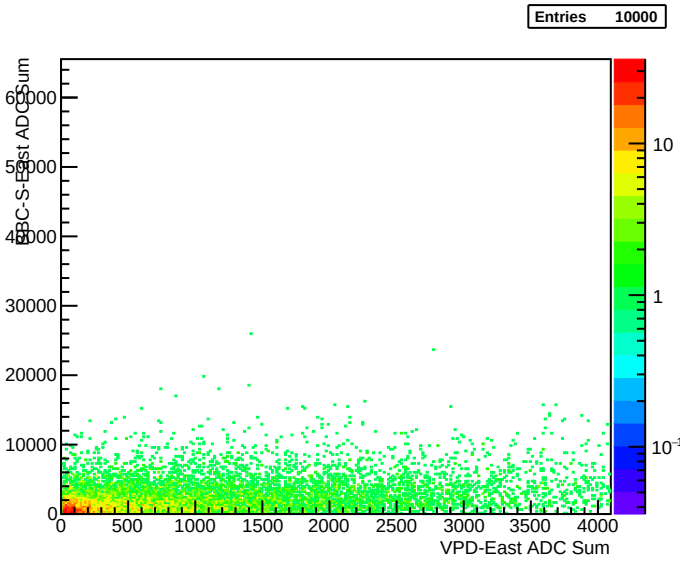

Entries 10000
TOF Mult
VPD-West ADC Sum

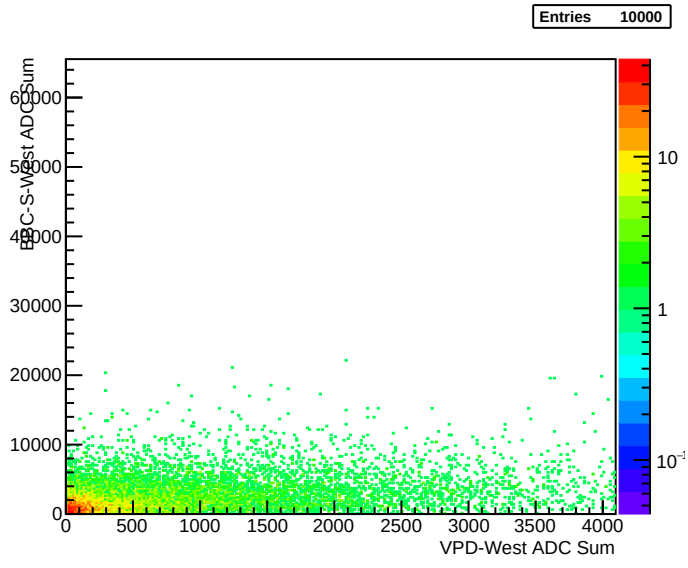

Entries 10000
TOF Mult
ZDC-East ADC Sum Att

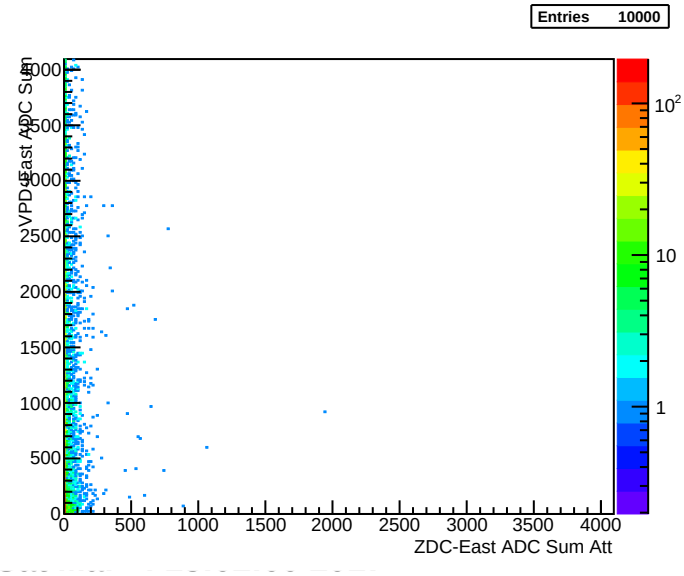

Entries 10000
TOF Mult
ZDC-West ADC Sum Att

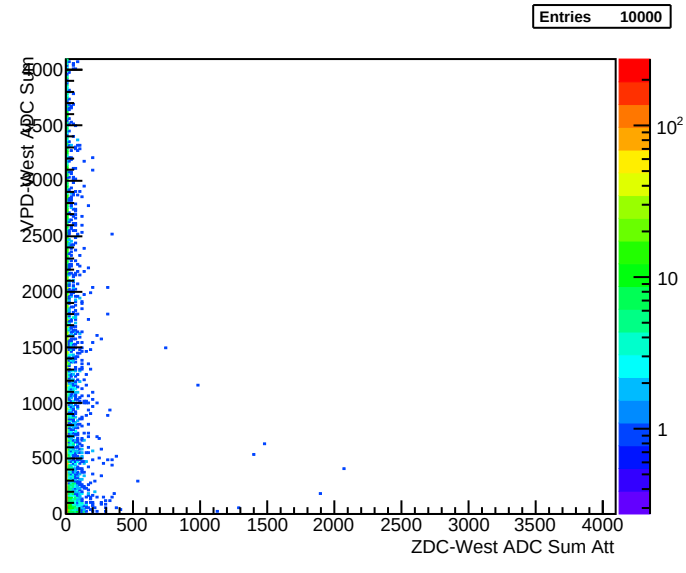

Entries 10000
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

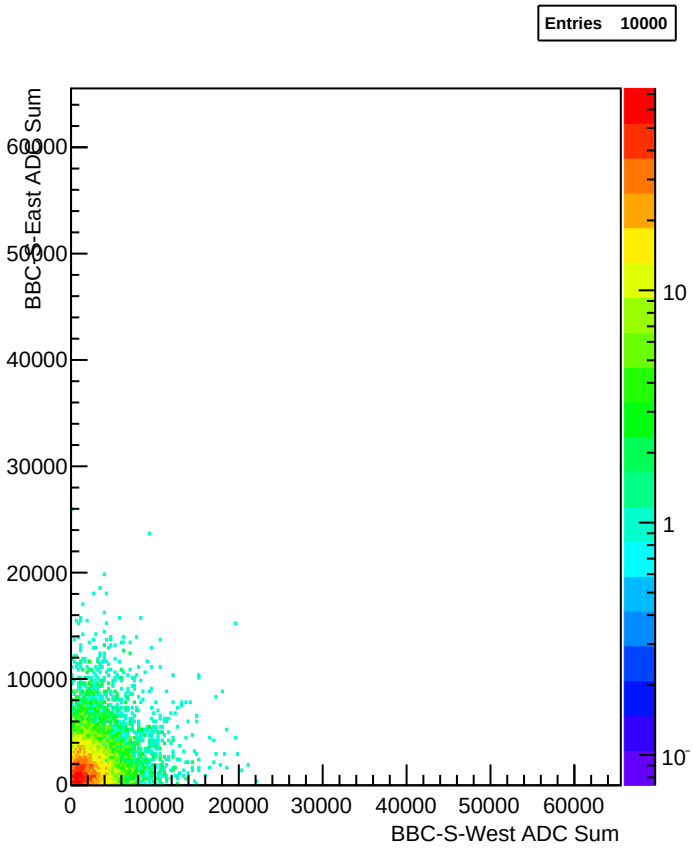

Entries 10000
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

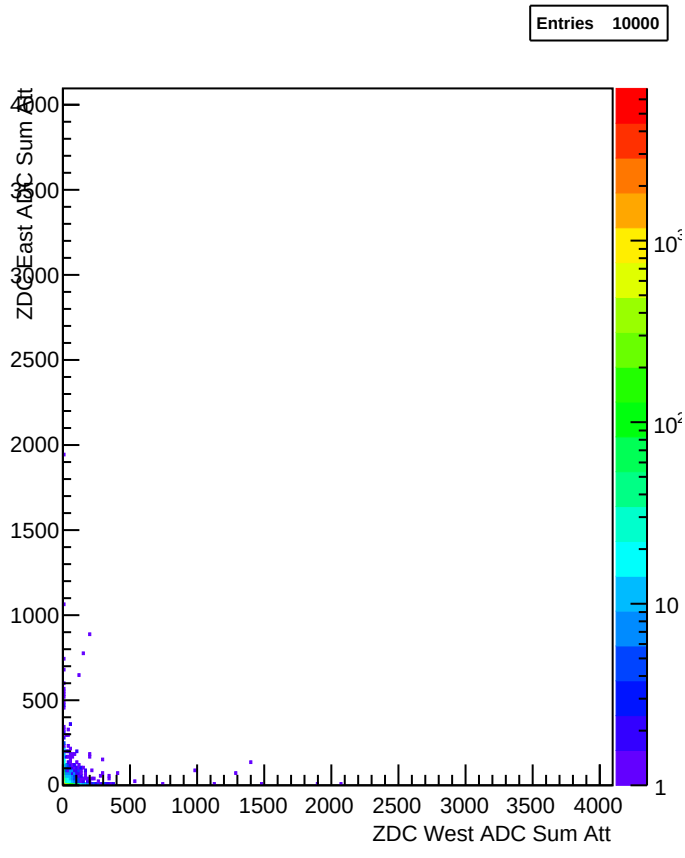

Entries 10000
BBC-S-East ADC Sum
VPD-East ADC Sum

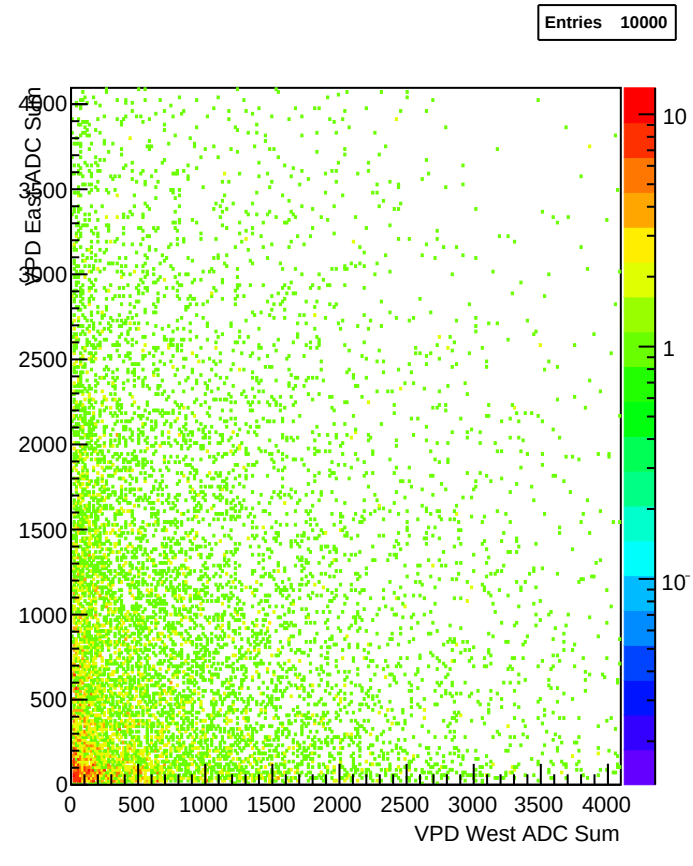

Entries 10000
BBC-S-West ADC Sum
VPD-West ADC Sum

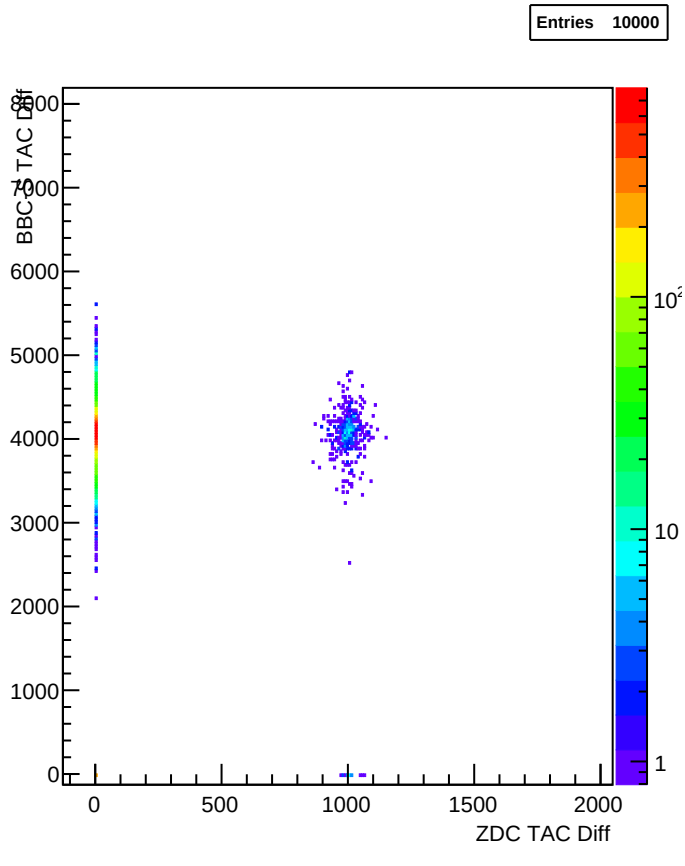

Entries 10000
VPD-East ADC Sum
ZDC-East ADC Sum Att

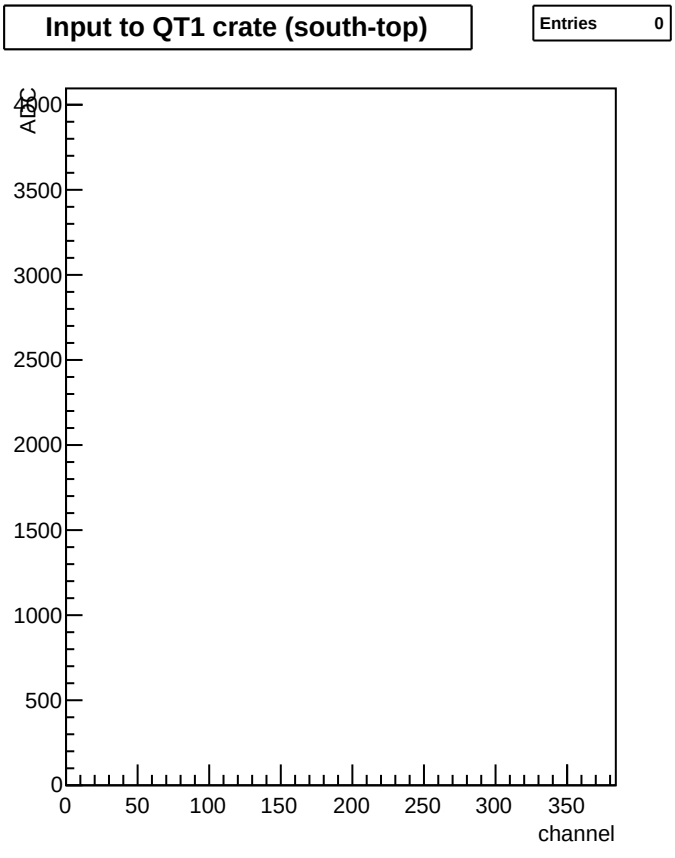

Entries 10000
VPD-West ADC Sum
ZDC-West ADC Sum Att

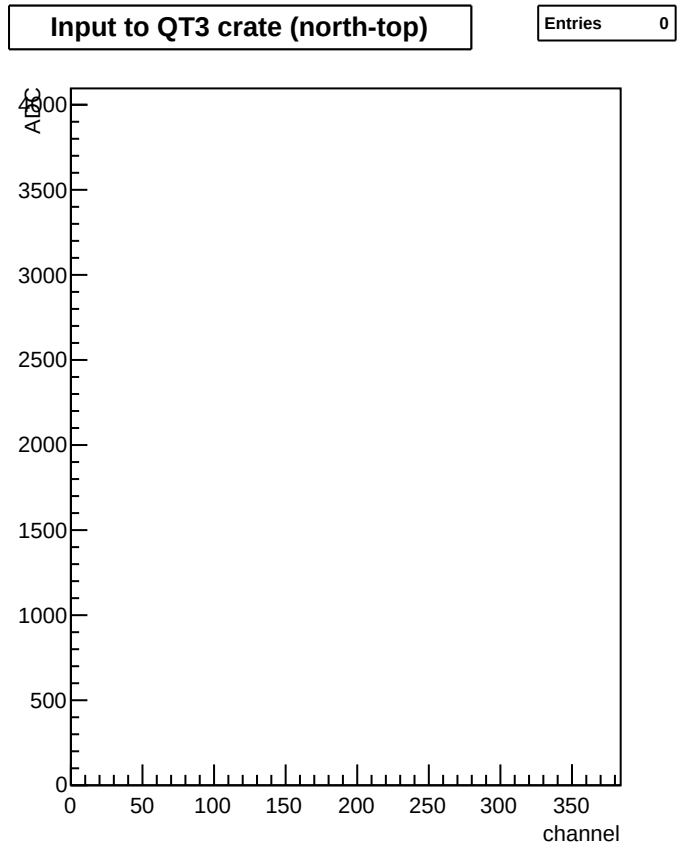

Entries 10000
BBC-S-East ADC Sum
BBC-S-West ADC Sum
0
10000
20000
30000
40000
50000
60000
10
1

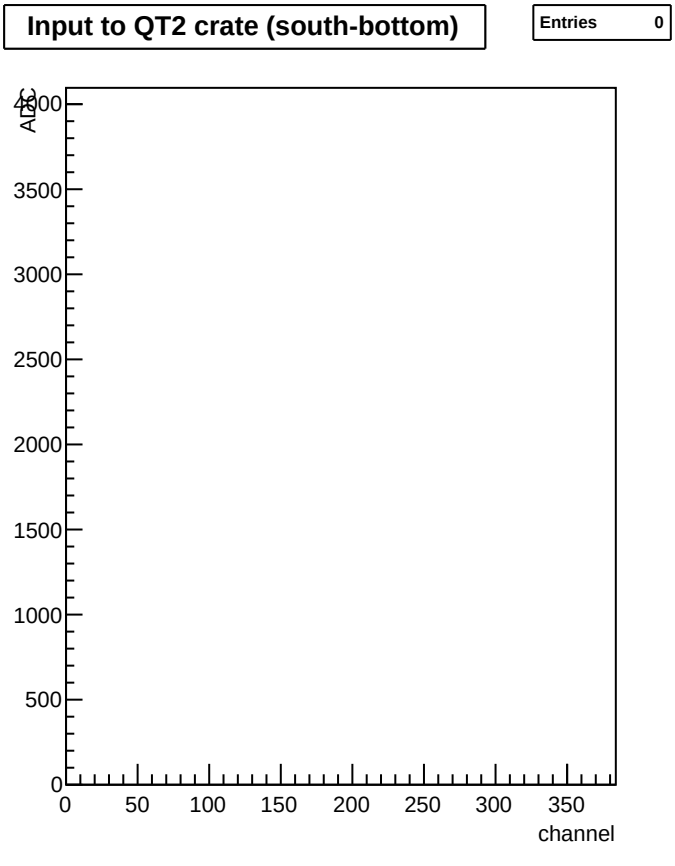

Entries 10000
ZDC East ADC Sum Att
ZDC West ADC Sum Att
0
500
1000
1500
2000
2500
3000
3500
4000
1
10

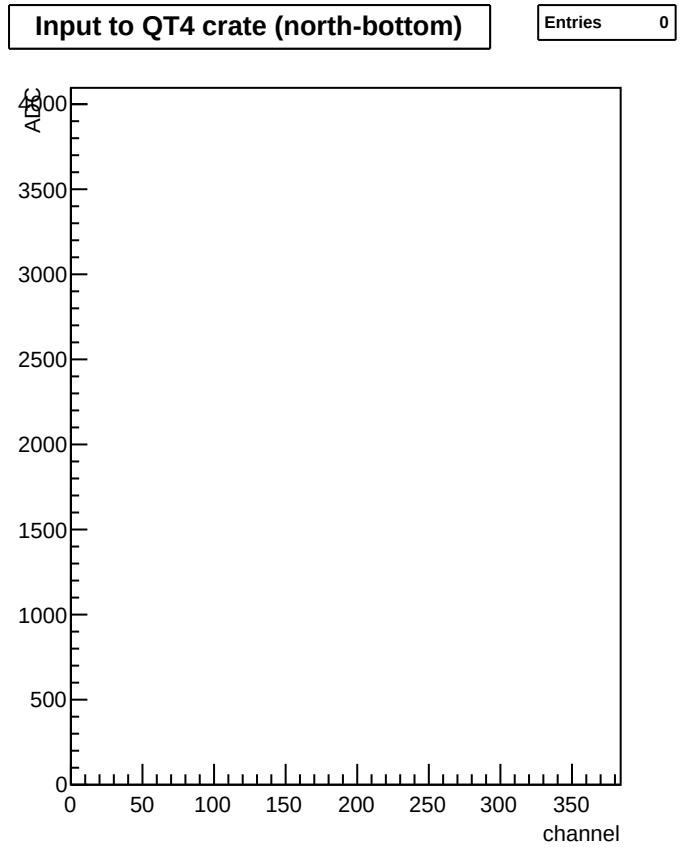

Entries 10000
VPD East ADC Sum
VPD West ADC Sum
0
500
1000
1500
2000
2500
3000
3500
4000
1
10

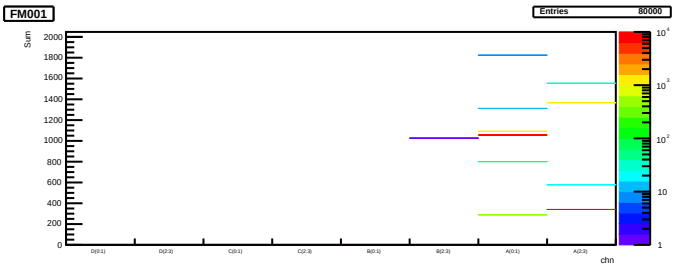

Entries 10000
BBC-S TAC Diff
ZDC TAC Diff
0
500
1000
1500
2000
1000
2000
3000
4000
5000
6000
7000
8000
1
10

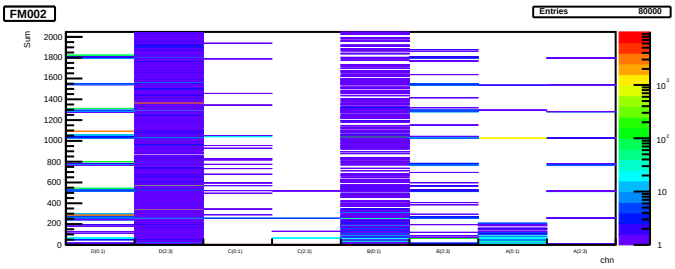

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

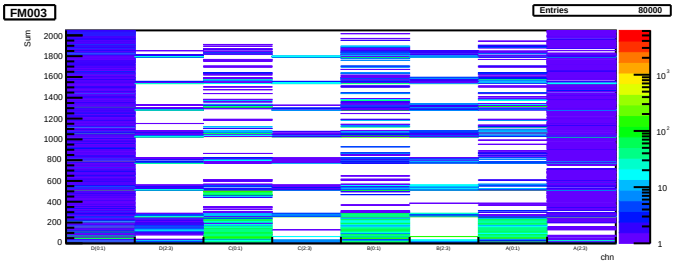

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

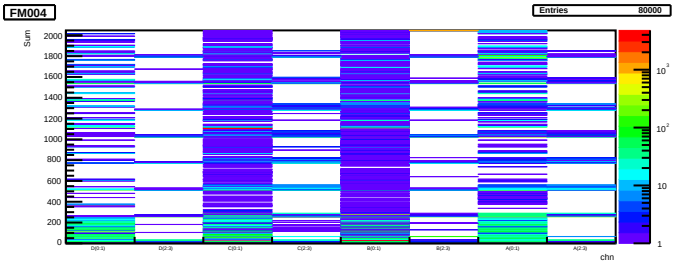

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

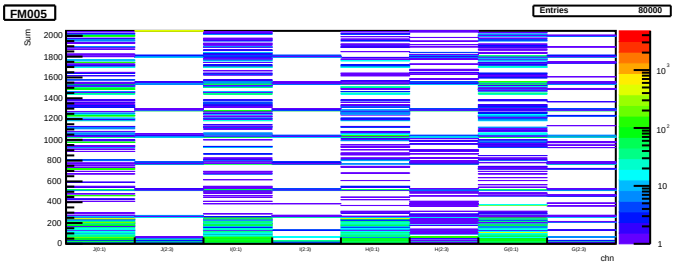

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

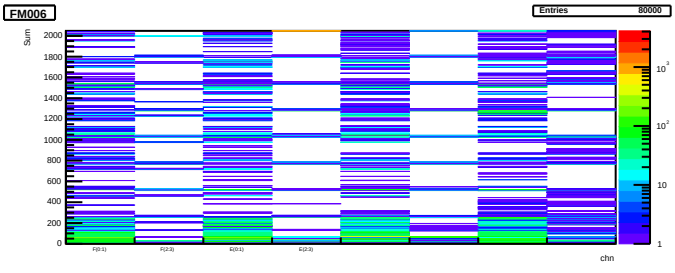

FM001
Entries 80000
Sum
chn

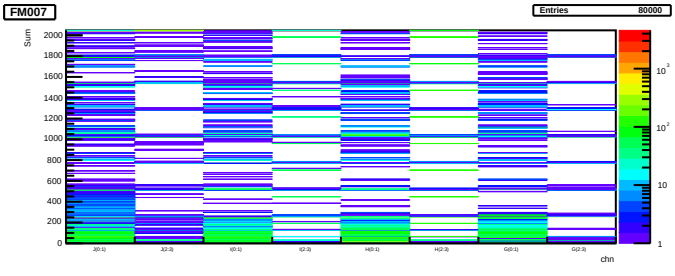

FM002
Entries 80000
Sum
chn

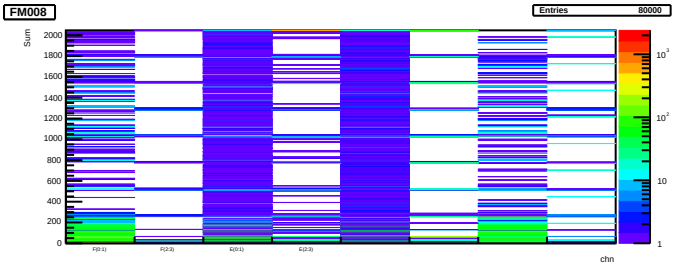

FM003
Entries 80000
Sum
chn

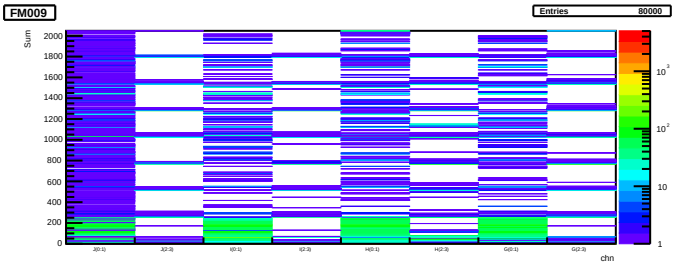

FM004
Entries 80000
Sum
chn

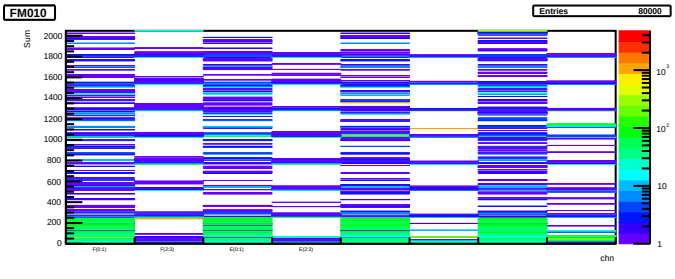

FM005
Entries 80000
Sum
chn

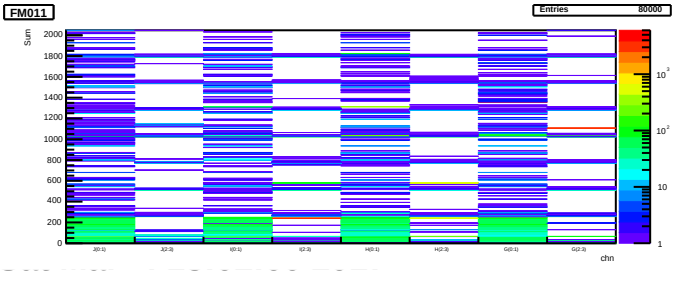

FM006
Entries 80000
Sum
chn

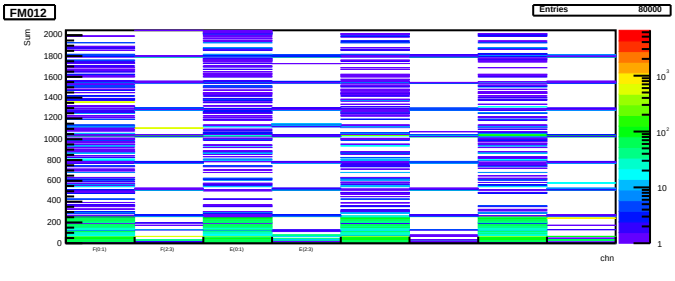

FM007
Entries 80000
Sum
chn

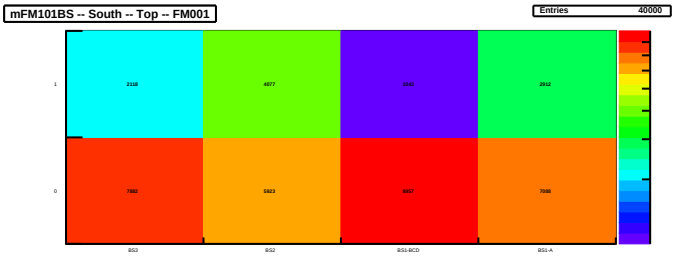

FM008
Entries 80000
Sum
chn

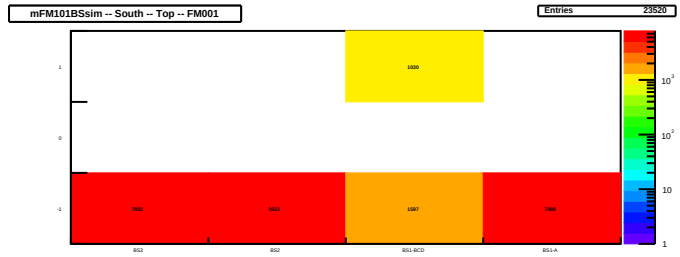

FM009
Entries 80000
Sum
chn

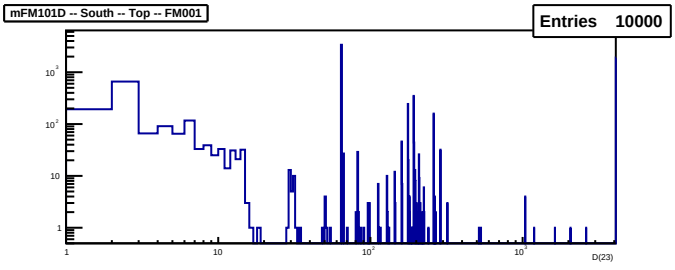

FM010
Entries 80000
Sum
chn

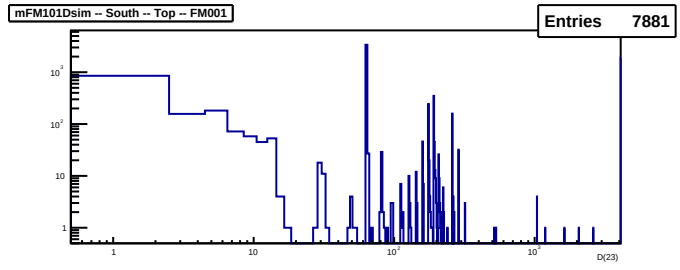

FM011
Entries 80000
Sum
chn

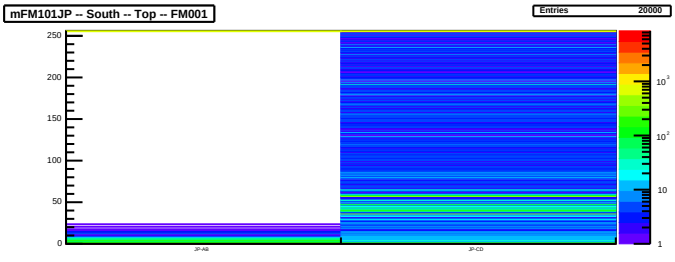

FM012
Entries 80000
Sum
chn

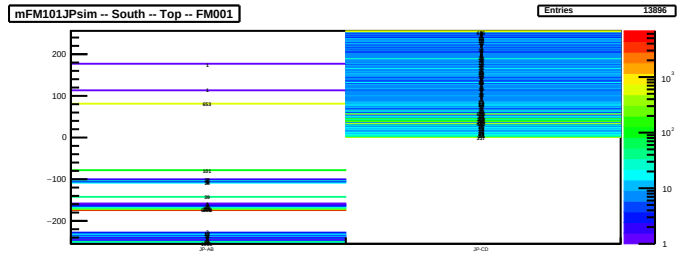

mFM101BS -- South -- Top -- FM001
Entries 40000

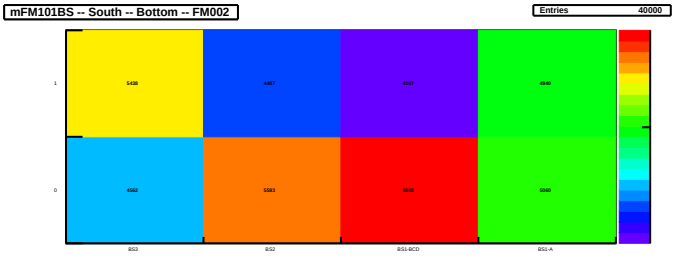

mFM101BSsim -- South -- Top -- FM001
Entries 23520

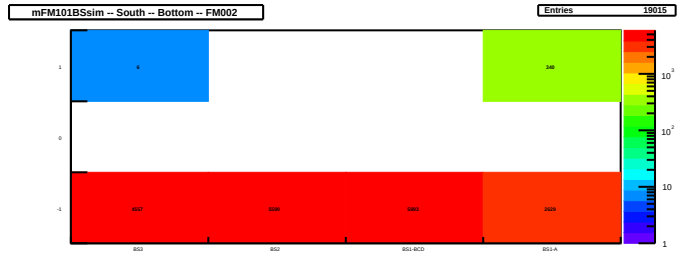

mFM101D -- South -- Top -- FM001
Entries 10000
D(23)

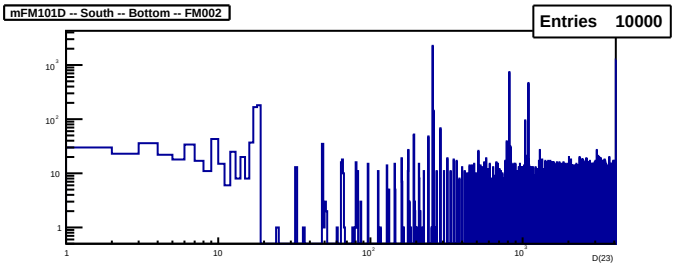

mFM101Dsim -- South -- Top -- FM001
Entries 7881
D(23)

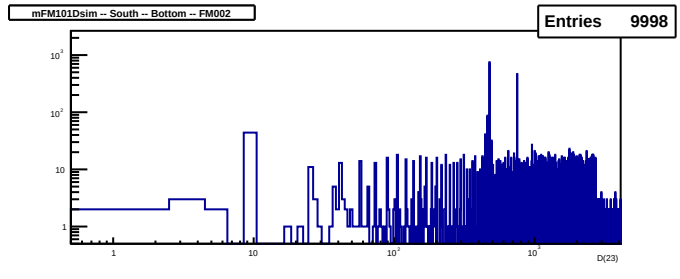

mFM101JP -- South -- Top -- FM001
Entries 20000

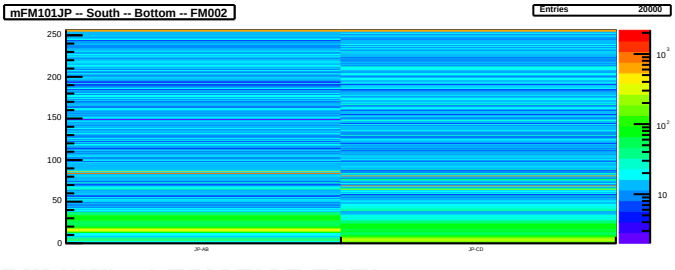

mFM101JPsim -- South -- Top -- FM001
Entries 13896

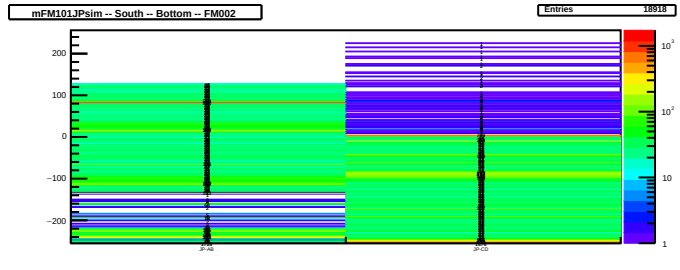

mFM101BS -- South -- Bottom -- FM002
Entries 40000

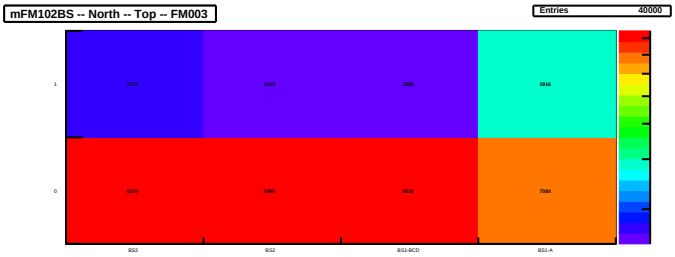

mFM101BSsim -- South -- Bottom -- FM002
Entries 19015

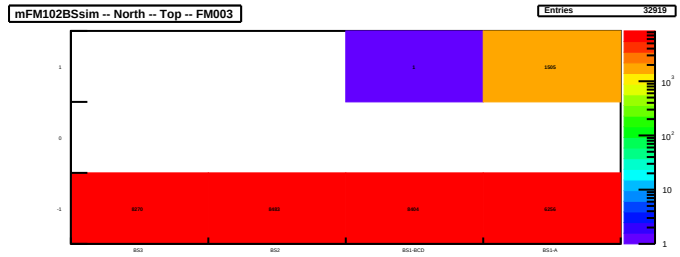

mFM101D -- South -- Bottom -- FM002
Entries 10000
D(23)

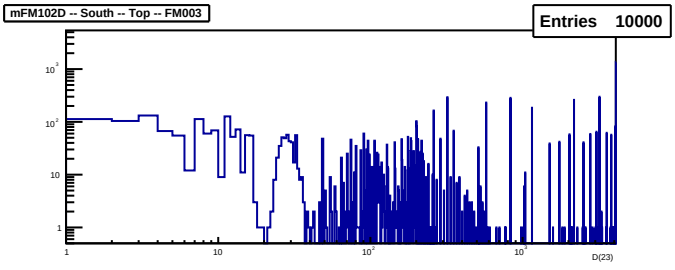

mFM101Dsim -- South -- Bottom -- FM002
Entries 9998
D(23)

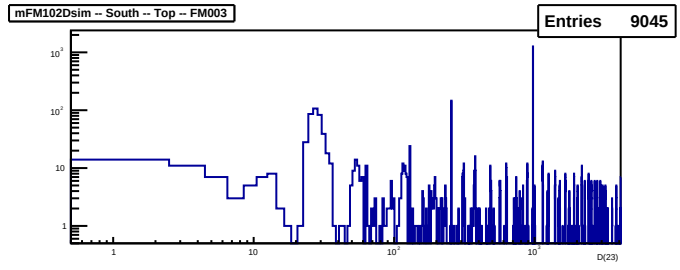

mFM101JP -- South -- Bottom -- FM002
Entries 20000

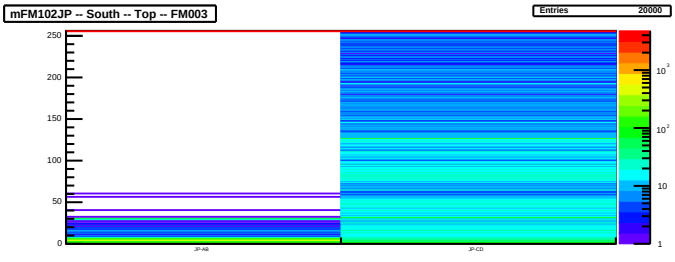

mFM101JPsim -- South -- Bottom -- FM002
Entries 18918

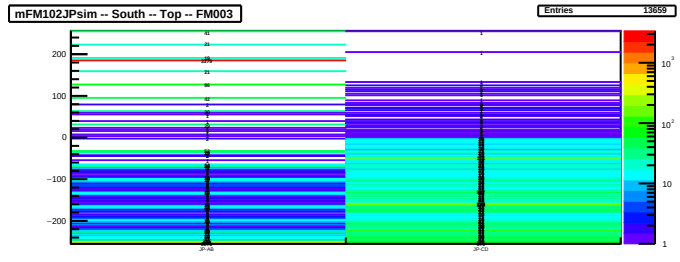

mFM102BS -- North -- Top -- FM003
Entries 40000

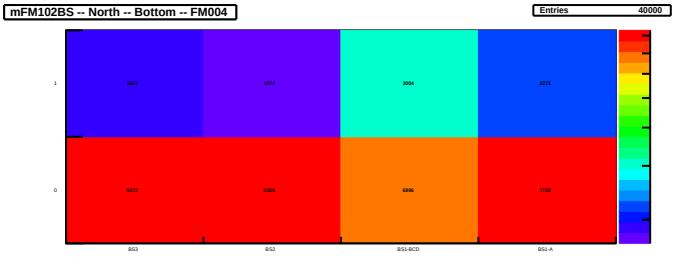

mFM102BSsim -- North -- Top -- FM003
Entries 32919

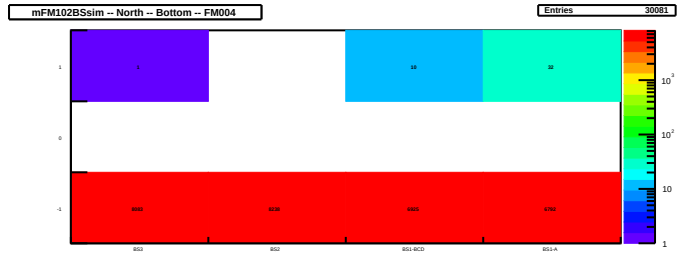

mFM102D -- South -- Top -- FM003
Entries 10000
D(23)

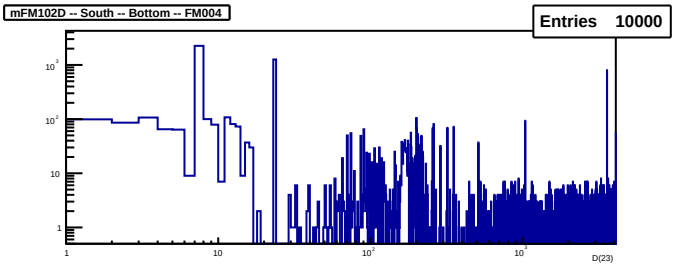

mFM102Dsim -- South -- Top -- FM003
Entries 9045
D(23)

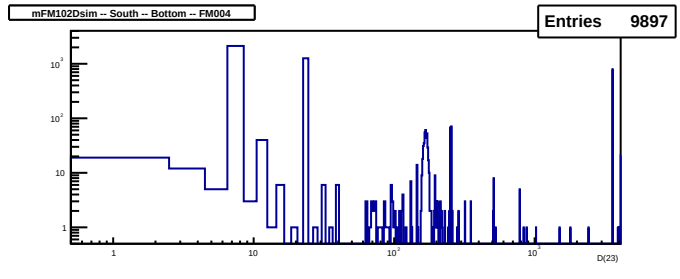

mFM102JP -- South -- Top -- FM003
Entries 20000

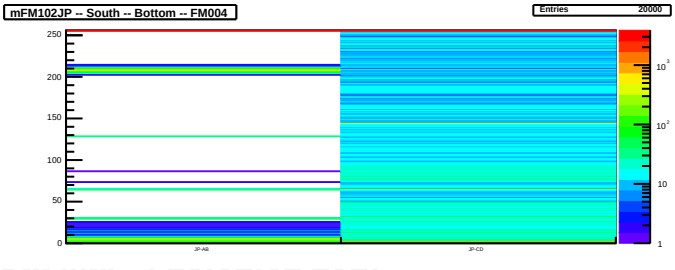

mFM102JPsim -- South -- Top -- FM003
Entries 13659

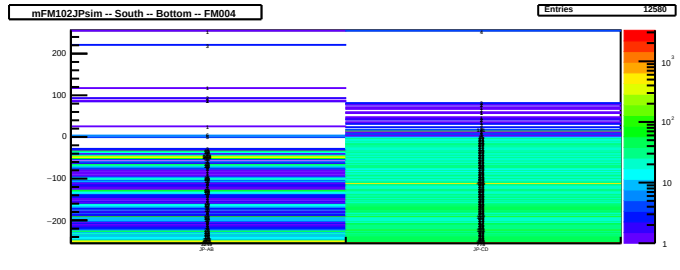

mFM102BS -- North -- Bottom -- FM004
Entries 40000

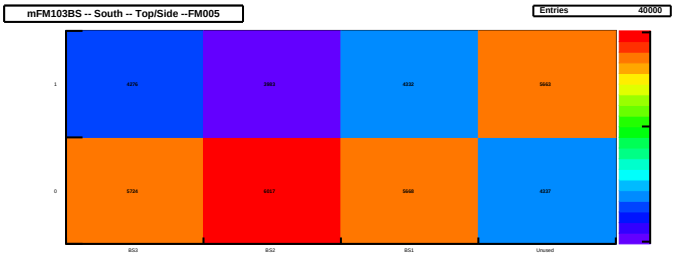

mFM102BSsim -- North -- Bottom -- FM004
Entries 30081

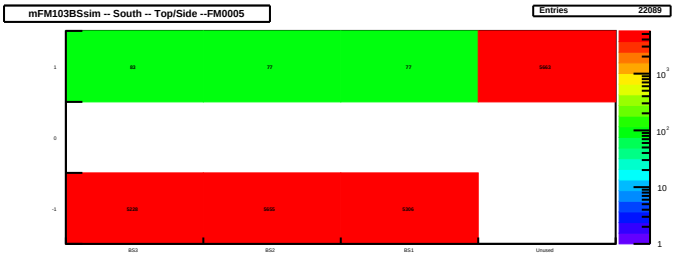

mFM102D -- South -- Bottom -- FM004
Entries 10000
D(23)

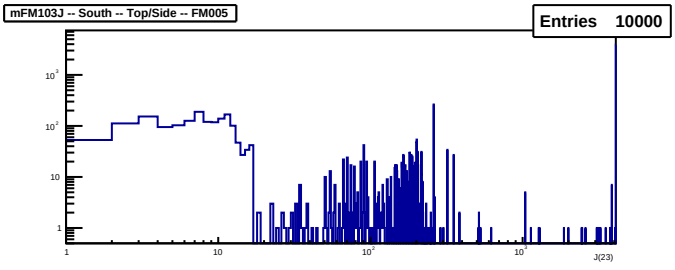

mFM102Dsim -- South -- Bottom -- FM004
Entries 9897
D(23)

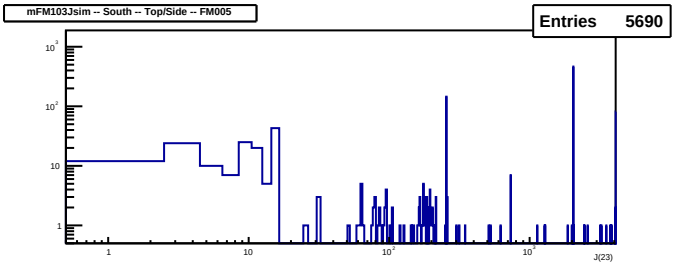

mFM102JP -- South -- Bottom -- FM004
Entries 20000

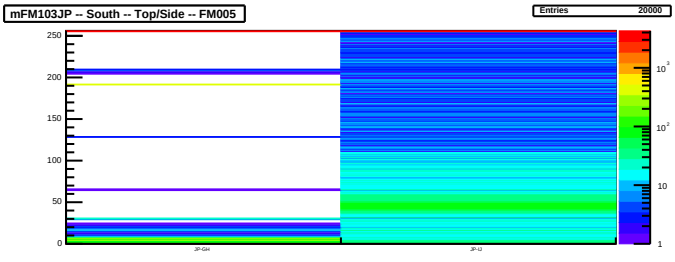

mFM102JPsim -- South -- Bottom -- FM004
Entries 12580

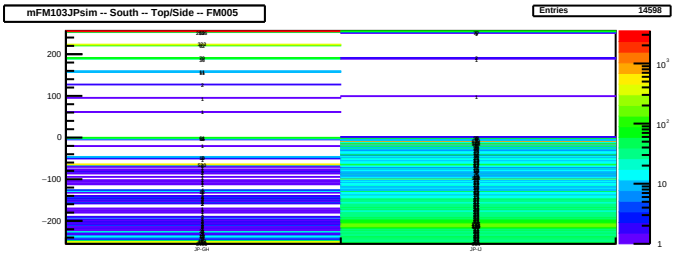

mFM103BS -- South -- Top/Side --FM005
Entries 40000

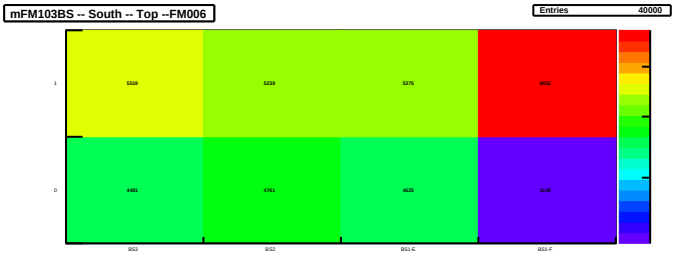

mFM103BSsim -- South -- Top/Side --FM0005
Entries 22089

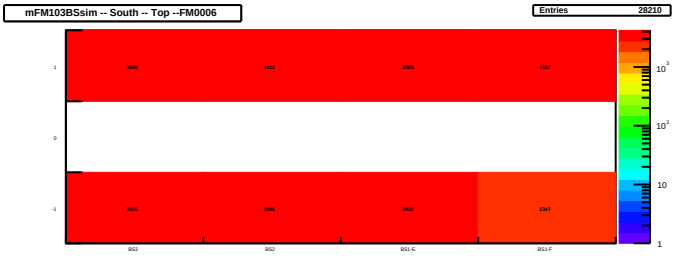

mFM103J -- South -- Top/Side -- FM005
Entries 10000
J(23)

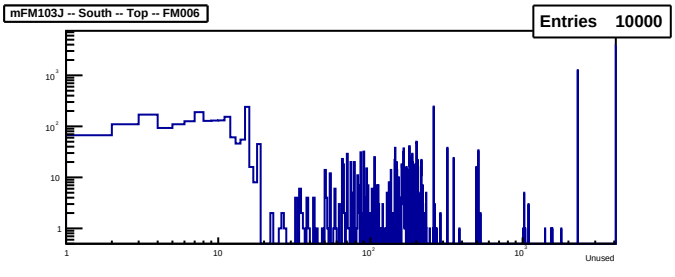

mFM103Jsim -- South -- Top/Side -- FM005
Entries 5690
J(23)

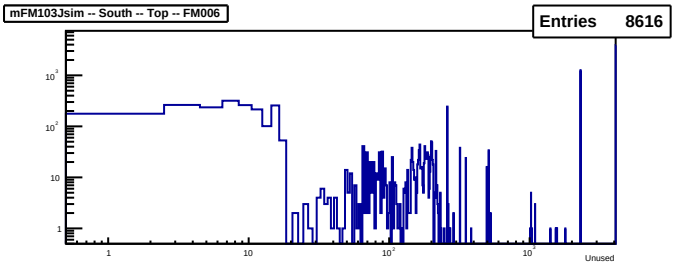

mFM103JP -- South -- Top/Side -- FM005
Entries 20000

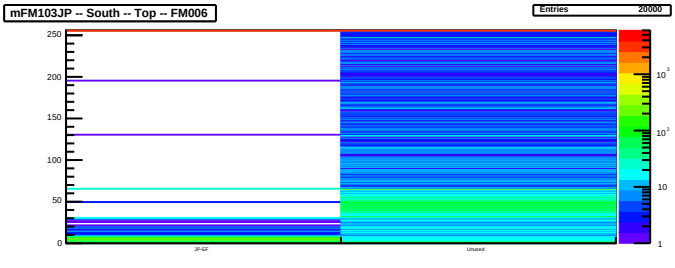

mFM103JPsim -- South -- Top/Side -- FM005
Entries 14598

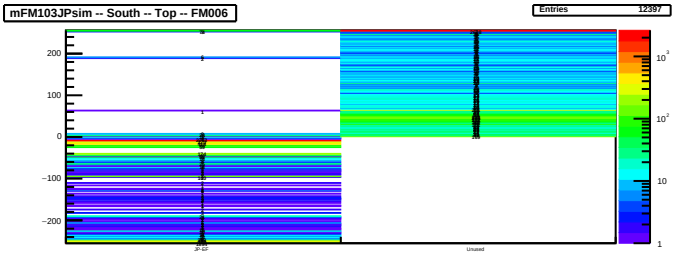

mFM103BS -- South -- Top --FM006
Entries 40000

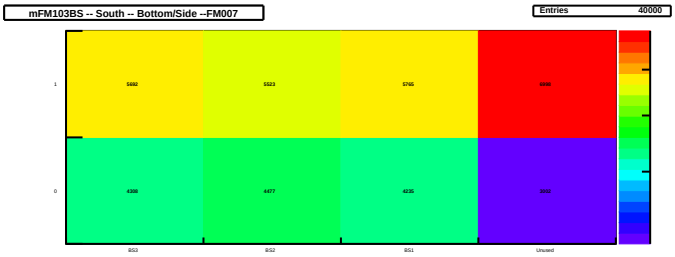

mFM103BSsim -- South -- Top --FM0006
Entries 28210

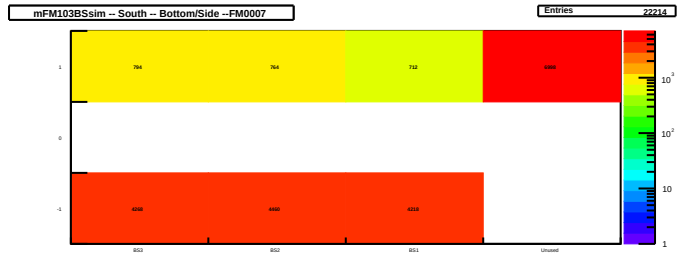

mFM103J -- South -- Top -- FM006
Entries 10000
Unused

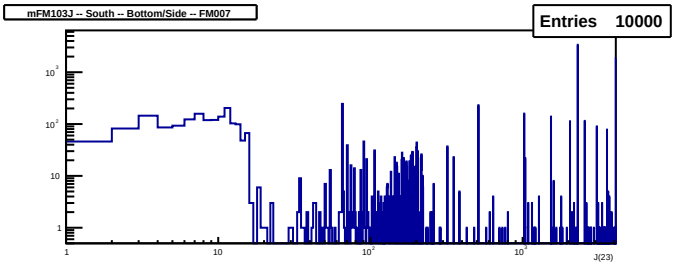

mFM103Jsim -- South -- Top -- FM006
Entries 8616
Unused

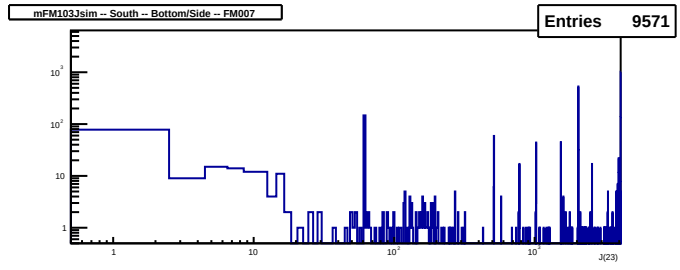

mFM103JP -- South -- Top -- FM006
Entries 20000

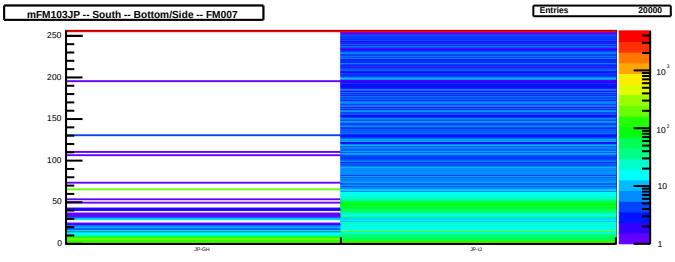

mFM103JPsim -- South -- Top -- FM006
Entries 12397

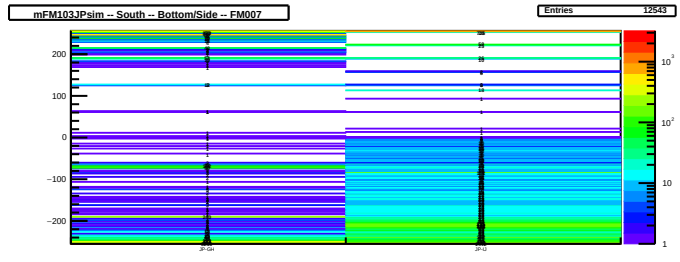

mFM103BS -- South -- Bottom/Side --FM007
Entries 40000
5482
5523
5745
6930
4306
4477
4235
3032
BS3
BS2
BS1
Unused

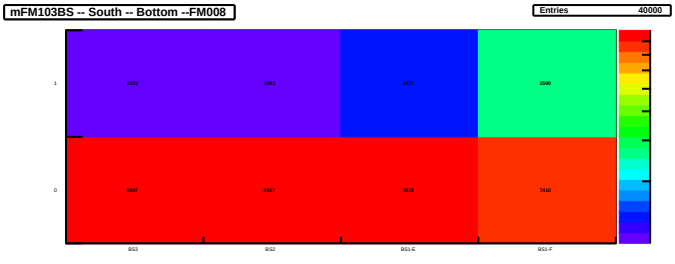

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 22214
764
764
712
6966
4248
4460
4218
BS3
BS2
BS1
Unused

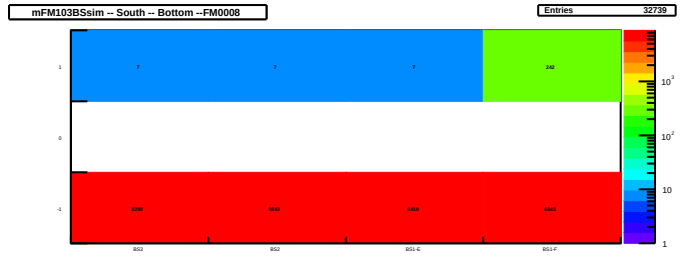

mFM103J -- South -- Bottom/Side -- FM007
Entries 10000
J(23)

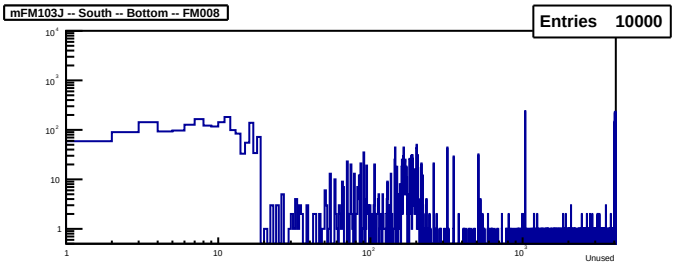

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 9571
J(23)

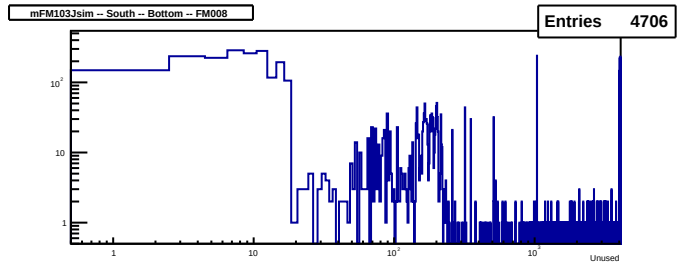

mFM103JP -- South -- Bottom/Side -- FM007
Entries 20000
JP-G4
JP-I1

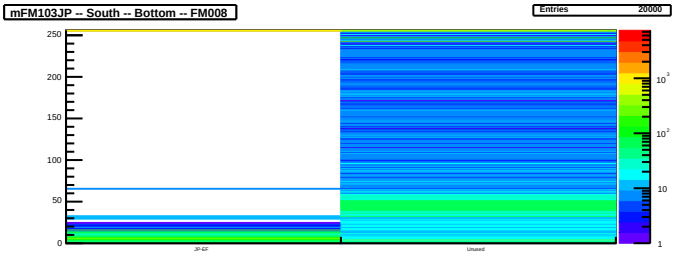

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 12543
JP-G4
JP-I1

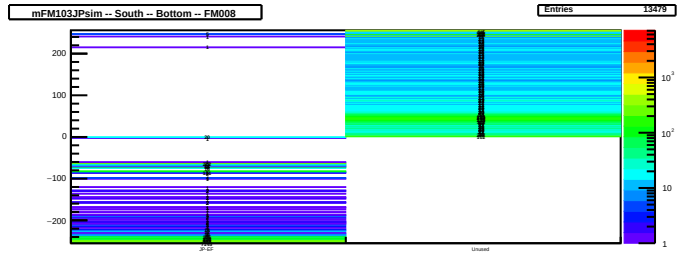

mFM103BS -- South -- Bottom --FM008
Entries 40000
1153
1083
1277
2596
8647
8617
8522
7610
BS3
BS2
BS1-E
BS1-F

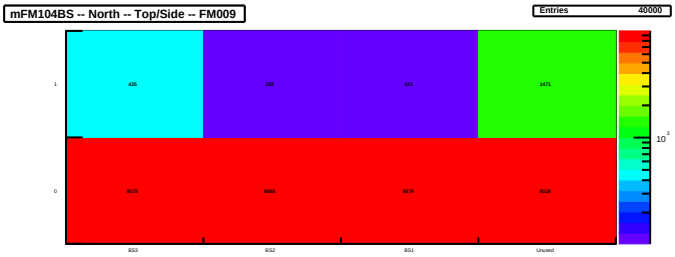

mFM103BSsim -- South -- Bottom --FM0008
Entries 32739
7
7
7
242
8230
8543
8410
6943
BS3
BS2
BS1-E
BS1-F

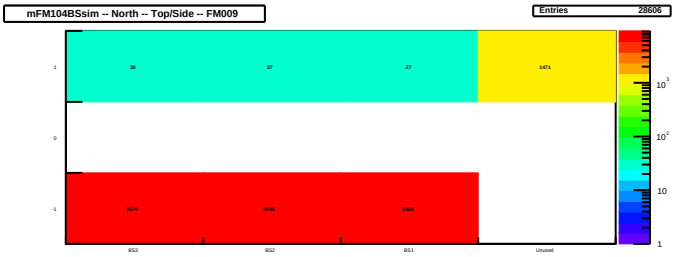

mFM103J -- South -- Bottom -- FM008
Entries 10000
Unused

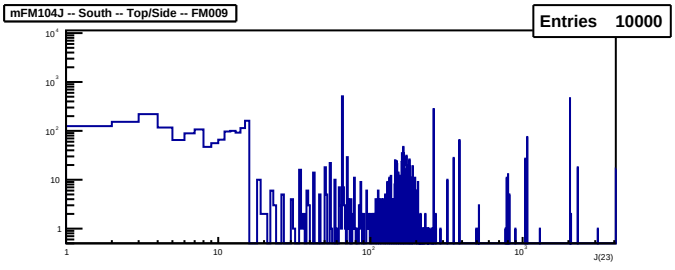

mFM103Jsim -- South -- Bottom -- FM008
Entries 4706
Unused

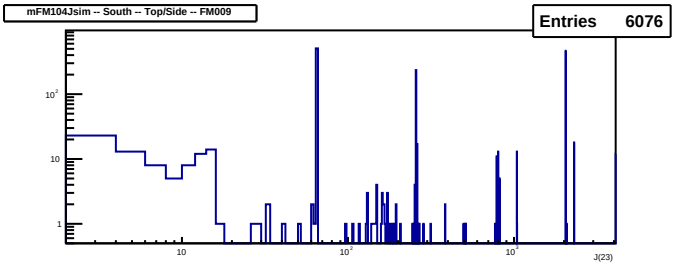

mFM103JP -- South -- Bottom -- FM008
Entries 20000
JP-E2
Unused

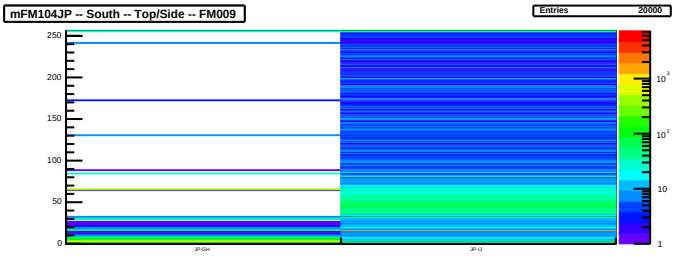

mFM103JPsim -- South -- Bottom -- FM008
Entries 13479
JP-E2
Unused

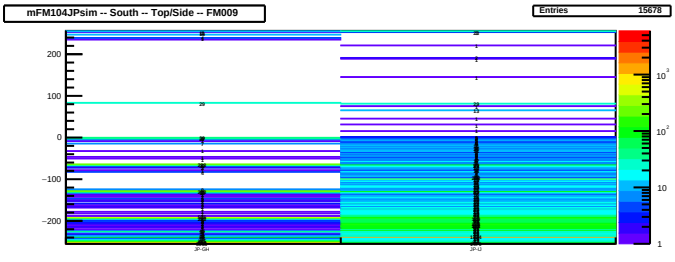

mFM104BS -- North -- Top/Side -- FM009
Entries 40000

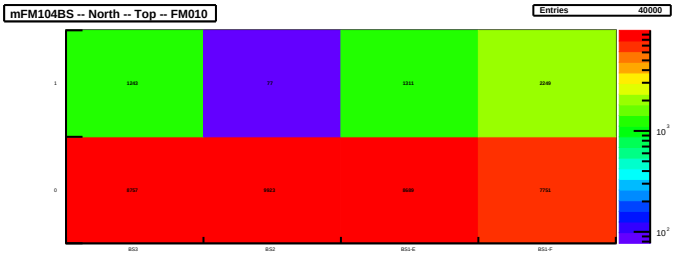

mFM104BSsim -- North -- Top/Side -- FM009
Entries 28606

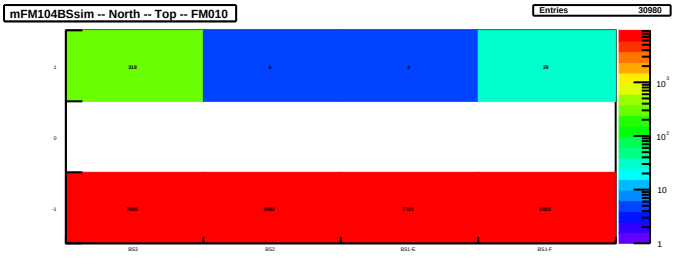

mFM104J -- South -- Top/Side -- FM009
Entries 10000
J(23)

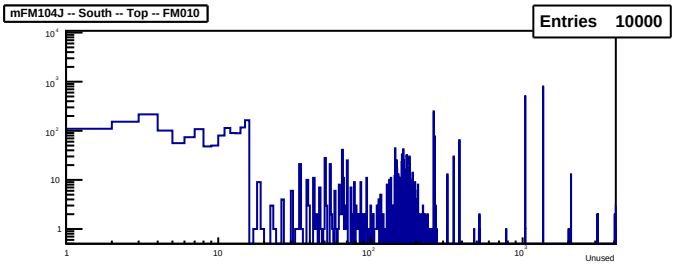

mFM104Jsim -- South -- Top/Side -- FM009
Entries 6076
J(23)

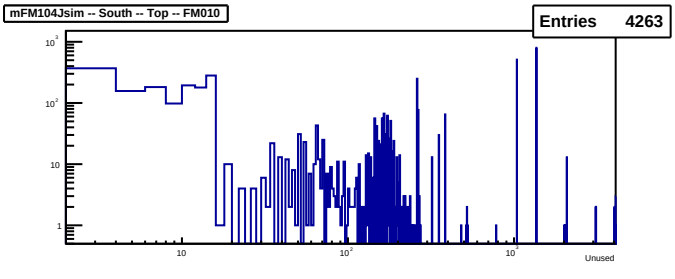

mFM104JP -- South -- Top/Side -- FM009
Entries 20000

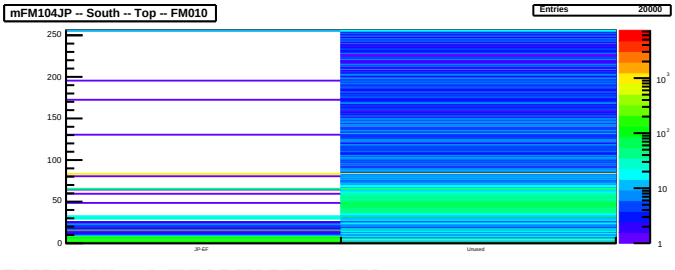

mFM104JPsim -- South -- Top/Side -- FM009
Entries 15678

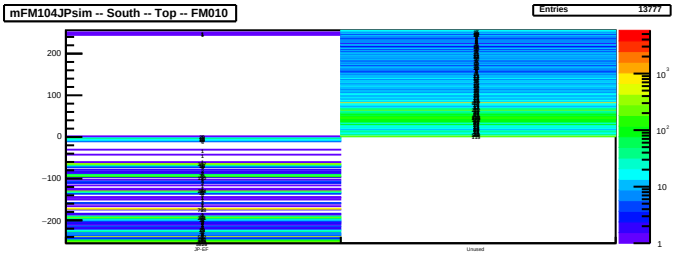

mFM104BS -- North -- Top -- FM010
Entries 40000

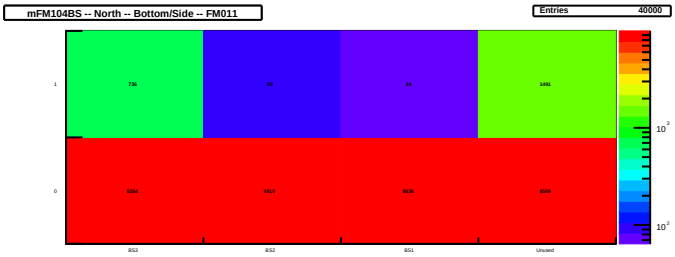

mFM104BSsim -- North -- Top -- FM010
Entries 30980

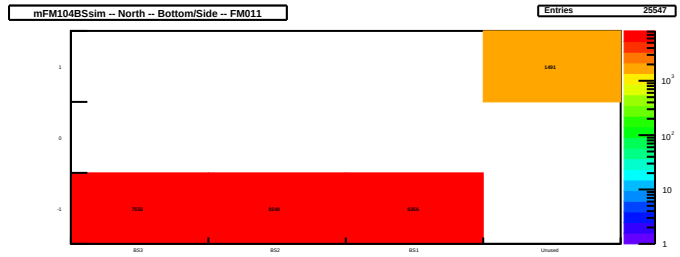

mFM104J -- South -- Top -- FM010
Entries 10000
Unused

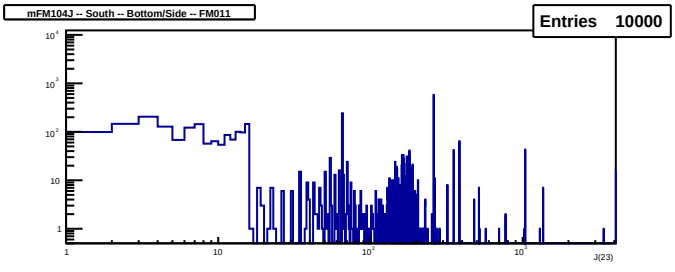

mFM104Jsim -- South -- Top -- FM010
Entries 4263
Unused

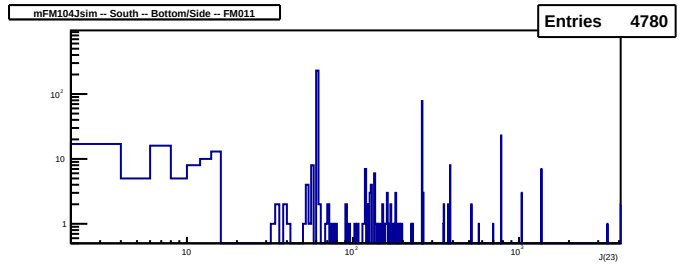

mFM104JP -- South -- Top -- FM010
Entries 20000

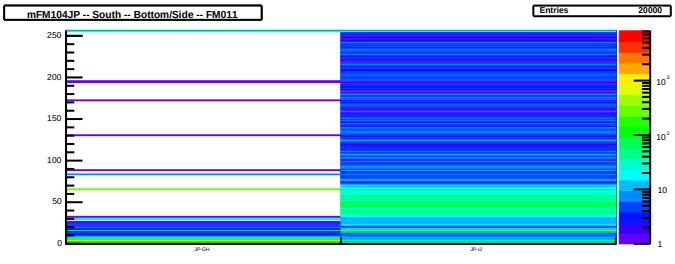

mFM104JPsim -- South -- Top -- FM010
Entries 13777

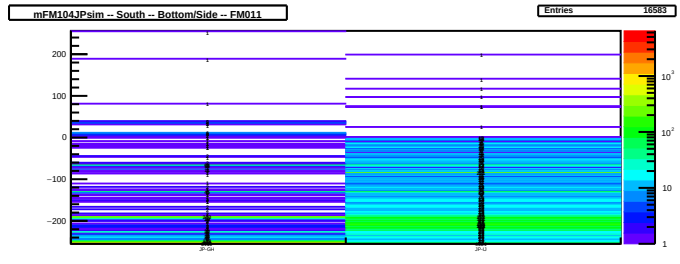

mFM104BS -- North -- Bottom/Side -- FM011
Entries 40000

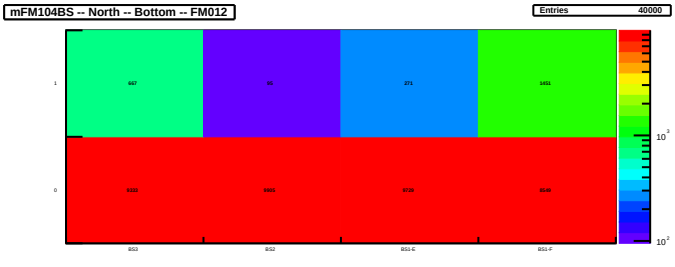

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 25547

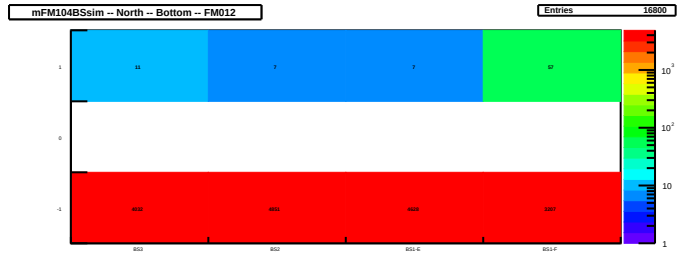

mFM104J -- South -- Bottom/Side -- FM011
Entries 10000
J(23)

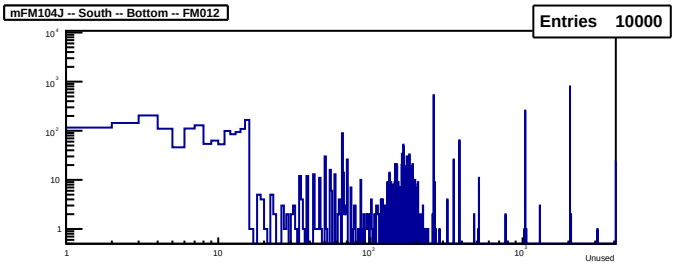

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 4780
J(23)

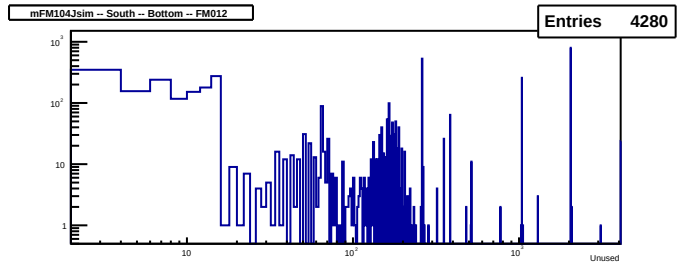

mFM104JP -- South -- Bottom/Side -- FM011
Entries 20000

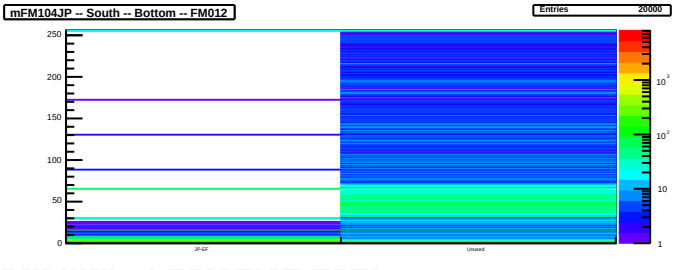

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 16583

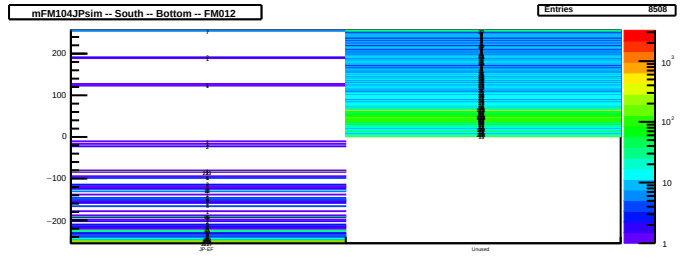

mFM104BS -- North -- Bottom -- FM012
Entries 40000

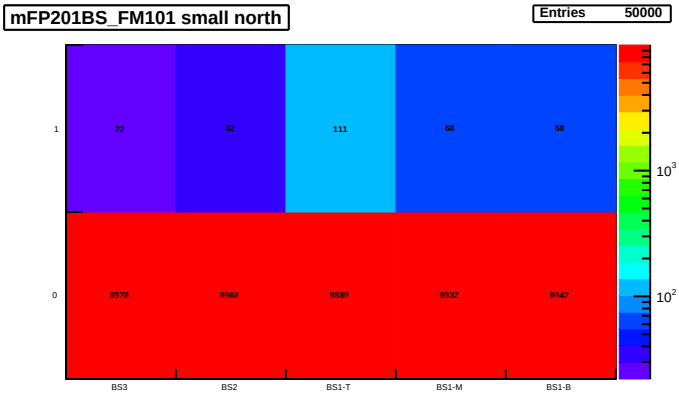

mFM104BSsim -- North -- Bottom -- FM012
Entries 16800

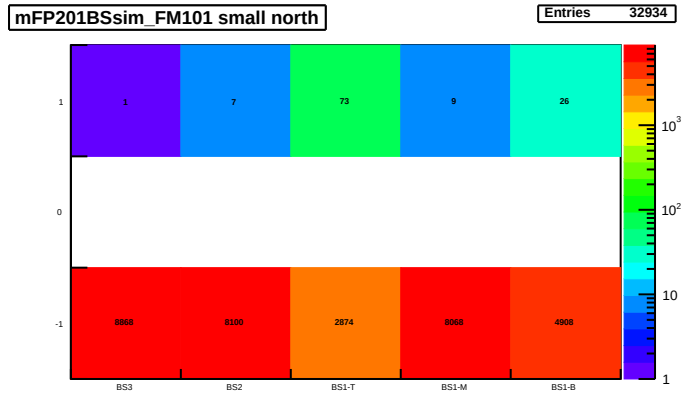

mFM104J -- South -- Bottom -- FM012
Entries 10000
Unused

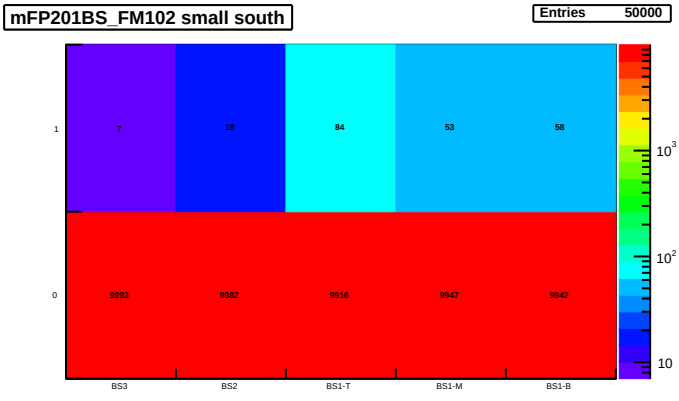

mFM104Jsim -- South -- Bottom -- FM012
Entries 4280
Unused

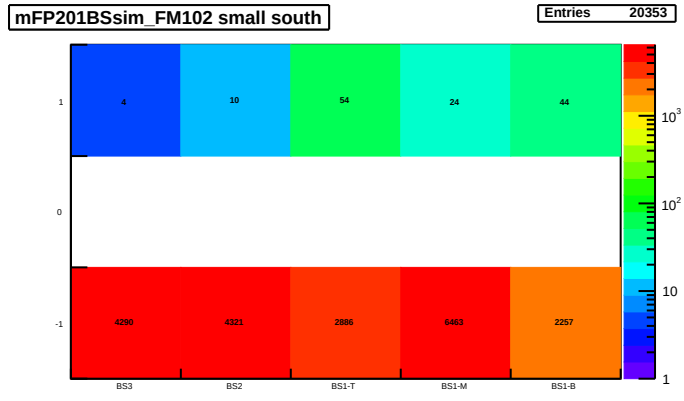

mFM104JP -- South -- Bottom -- FM012
Entries 20000

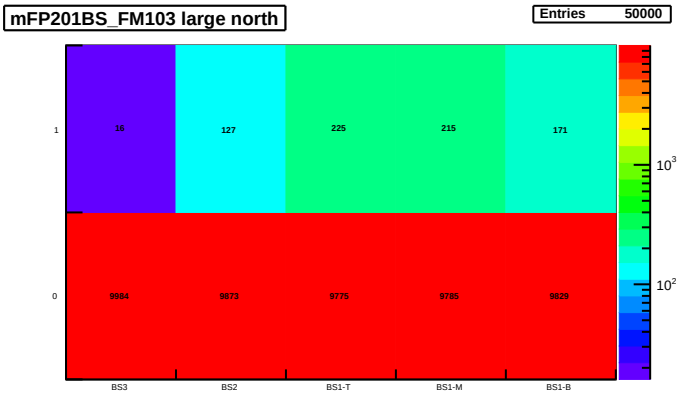

mFM104JPsim -- South -- Bottom -- FM012
Entries 8508

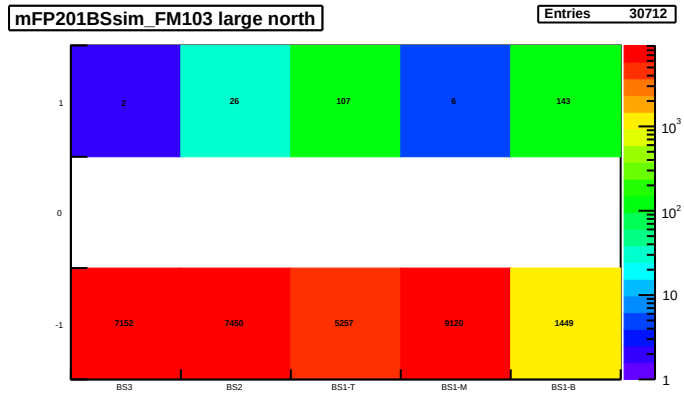

mFP201BS_FM101 small north
Entries 50000
1
0
22
32
111
68
58
9978
9968
9889
9932
9942
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2

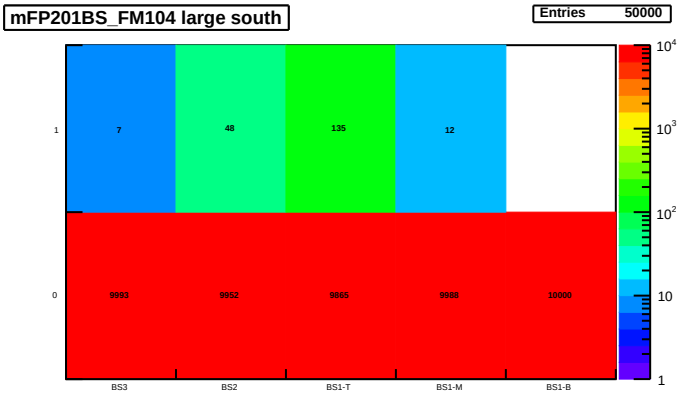

mFP201BSsim_FM101 small north
Entries 32934
1
0
-1
1
7
73
9
26
8868
8100
2874
8068
4908
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2
10
1

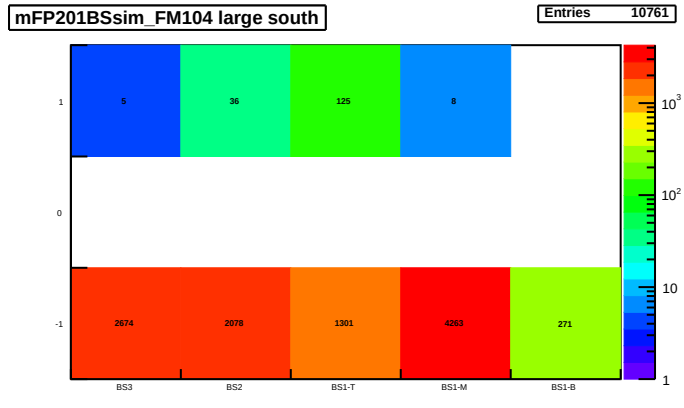

mFP201BS_FM102 small south
Entries 50000
1
0
7
18
84
53
58
9993
9982
9916
9947
9942
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2
10

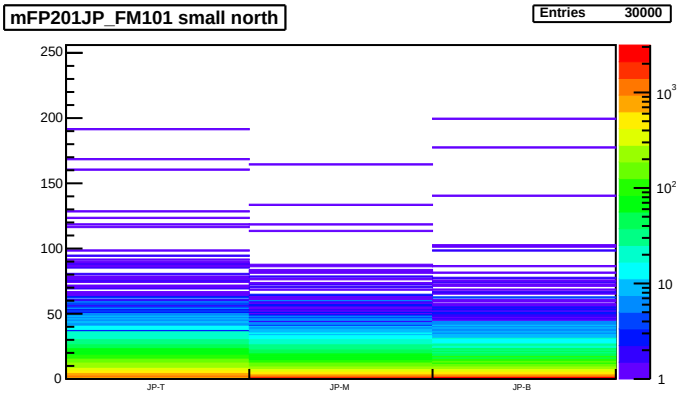

mFP201BSsim_FM102 small south
Entries 20353
1
0
-1
4
10
54
24
44
4290
4321
2886
6463
2257
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2
10
1

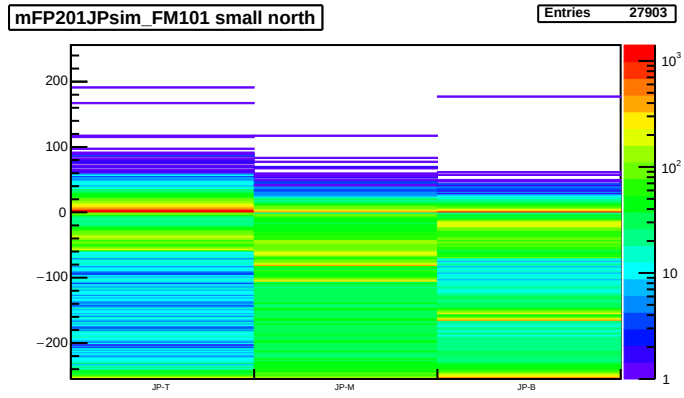

mFP201BS_FM103 large north
Entries 50000
1
0
16
127
225
215
171
9984
9873
9775
9785
9829
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2

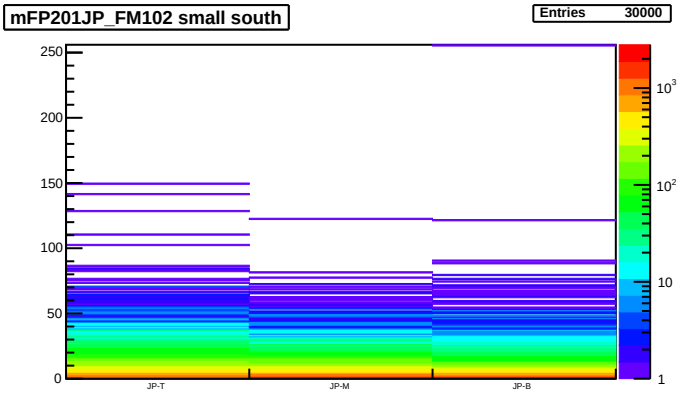

mFP201BSsim_FM103 large north
Entries 30712
1
0
-1
2
26
107
6
143
7152
7450
5257
9120
1449
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2
10
1

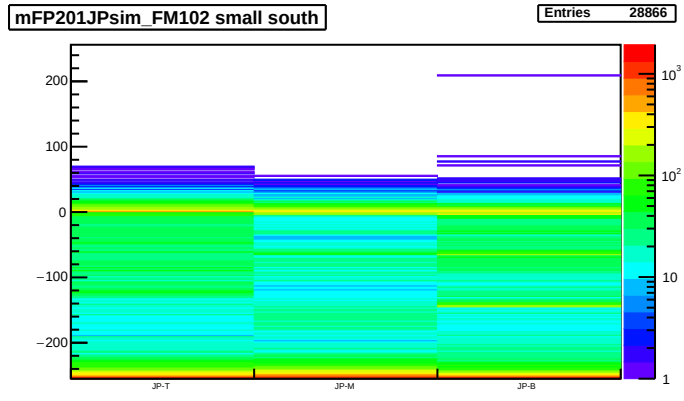

mFP201BS_FM104 large south
Entries 50000
1
0
7
48
135
12
9993
9952
9865
9988
10000
BS3
BS2
BS1-T
BS1-M
BS1-B
10^4
10^3
10^2
10
1

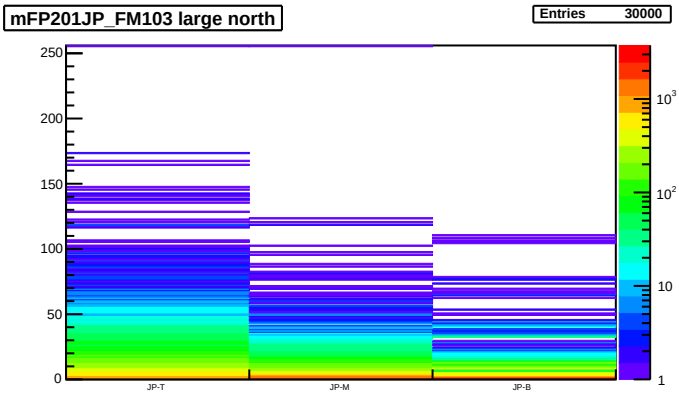

mFP201BSsim_FM104 large south
Entries 10761
1
0
-1
5
36
125
8
2674
2078
1301
4263
271
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2
10
1

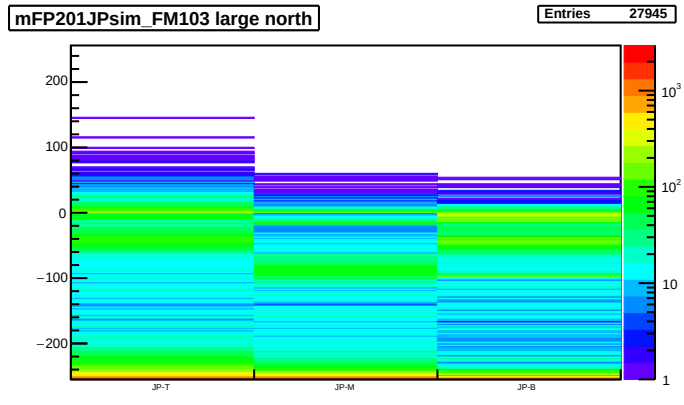

mFP201JP_FM101 small north
Entries 30000
JP-T
JP-M
JP-B

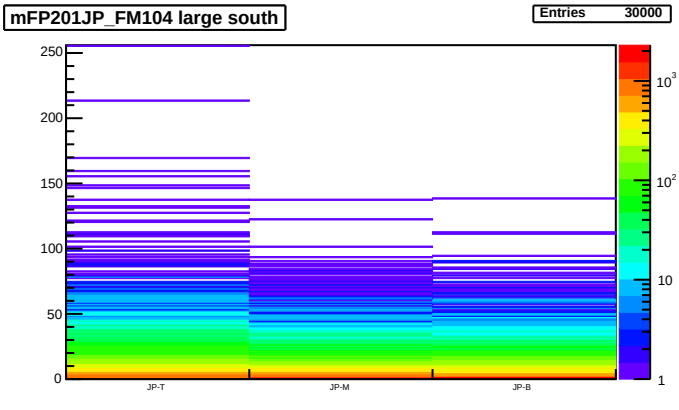

mFP201JPsim_FM101 small north
Entries 27903
JP-T
JP-M
JP-B

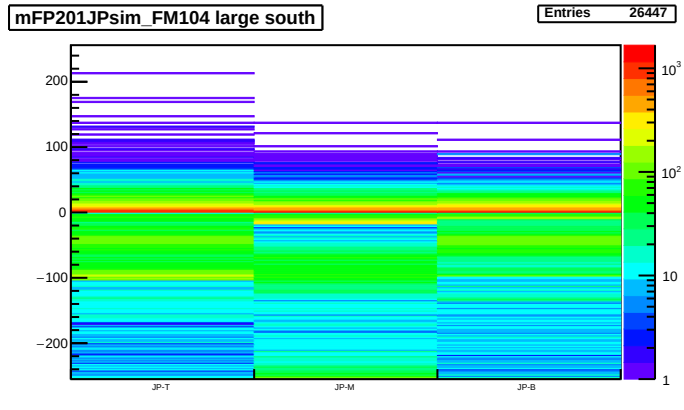

mFP201JP_FM102 small south
Entries 30000
JP-T
JP-M
JP-B

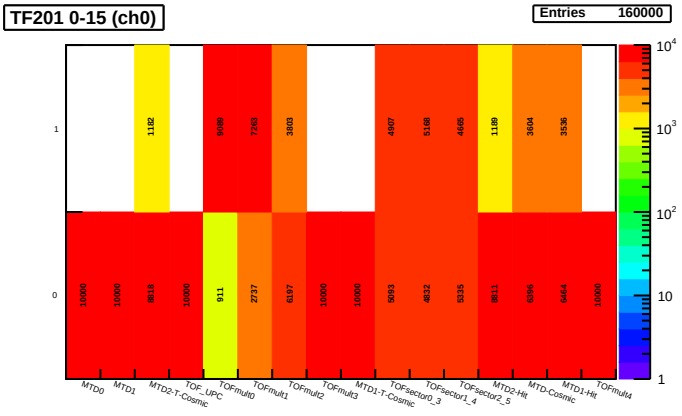

mFP201JPsim_FM102 small south
Entries 28866
JP-T
JP-M
JP-B

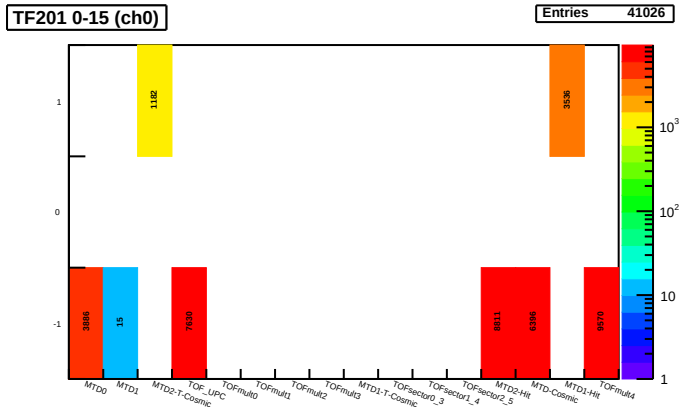

mFP201JP_FM103 large north
Entries 30000
JP-T
JP-M
JP-B

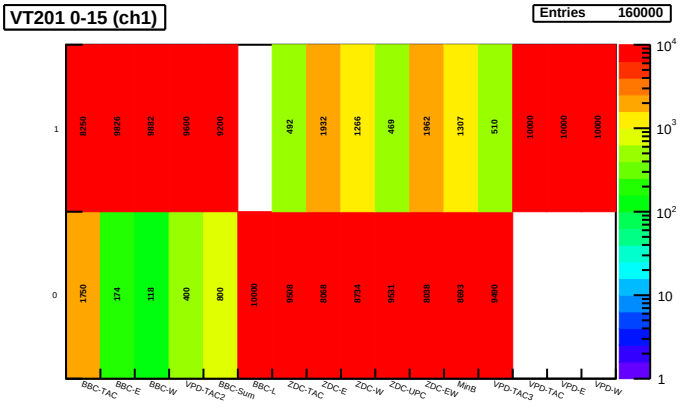

mFP201JPsim_FM103 large north
Entries 27945
JP-T
JP-M
JP-B

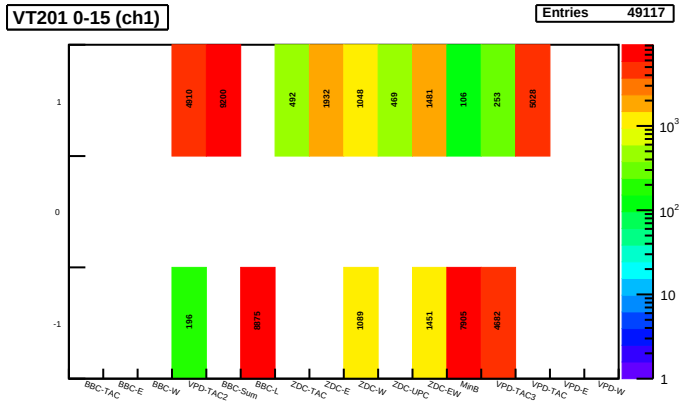

mFP201JP_FM104 large south
Entries 30000
JP-T
JP-M
JP-B

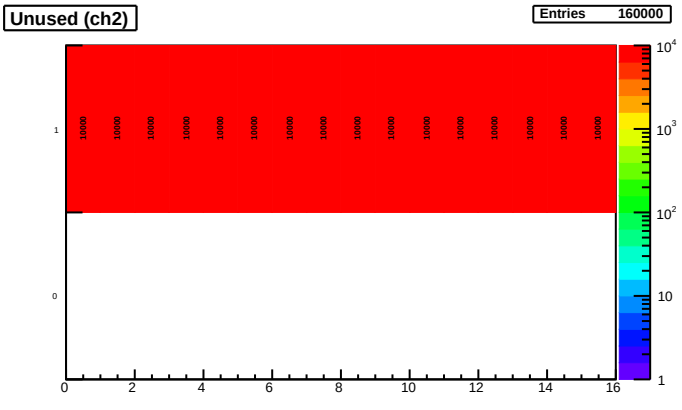

mFP201JPsim_FM104 large south
Entries 26447
JP-T
JP-M
JP-B

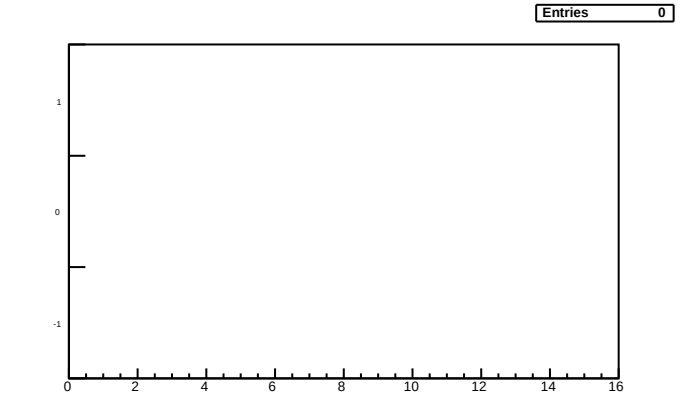

TF201 0-15 (ch0)
Entries 160000
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

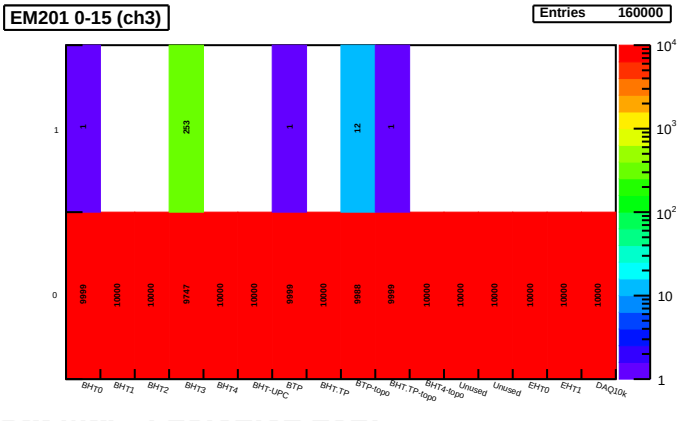

TF201 0-15 (ch0)
Entries 41026
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

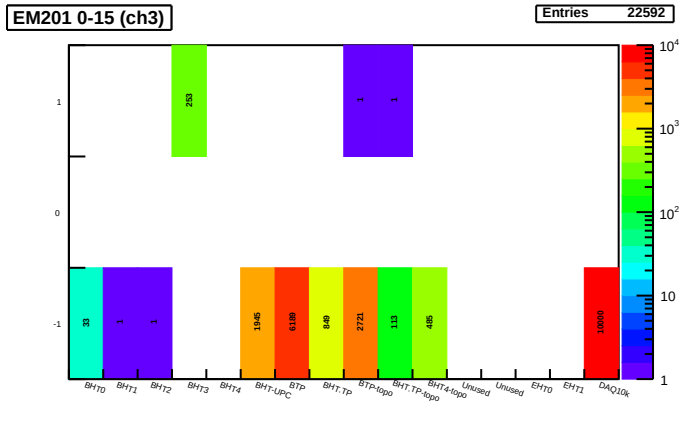

VT201 0-15 (ch1)
Entries 160000
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

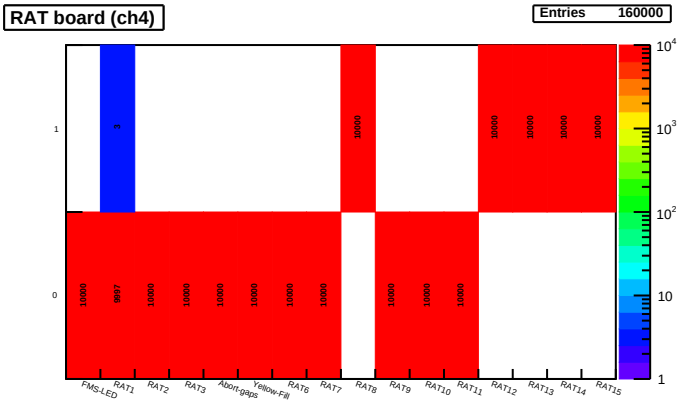

VT201 0-15 (ch1)
Entries 49117
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

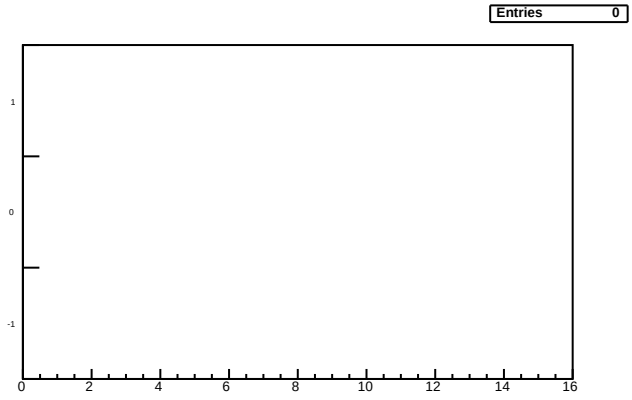

Unused (ch2)
Entries 160000

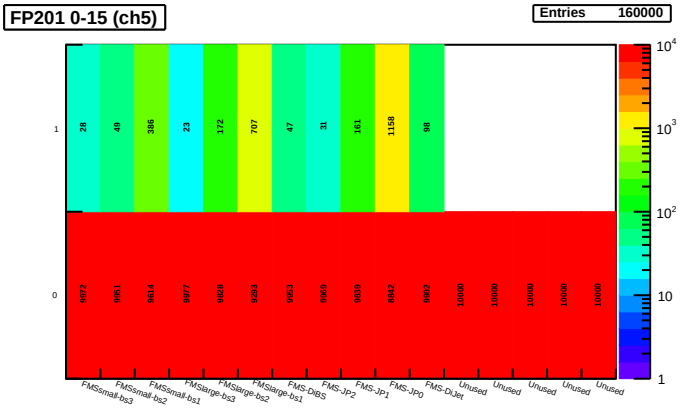

Entries 0

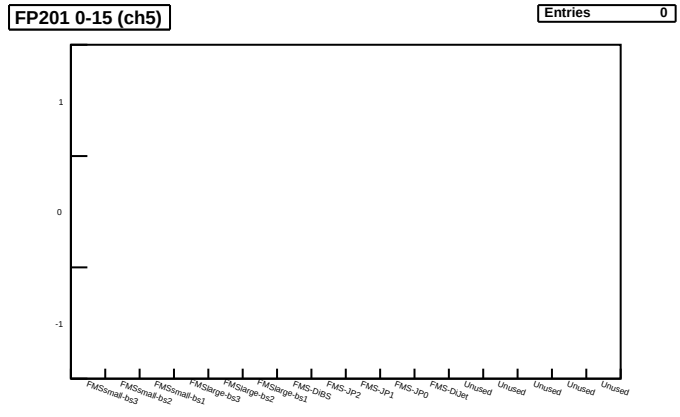

EM201 0-15 (ch3)
Entries 160000
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-T-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

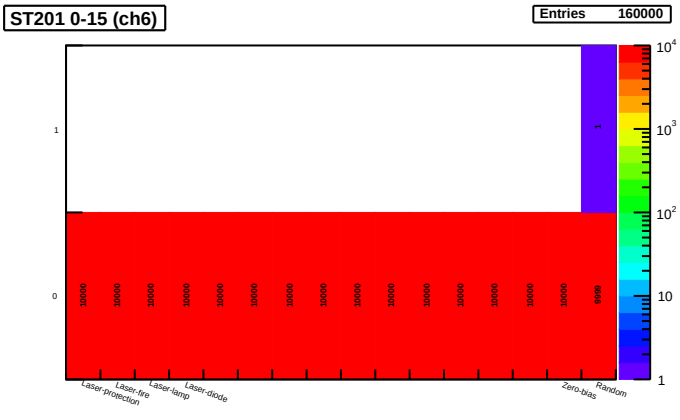

EM201 0-15 (ch3)
Entries 22592
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-T-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

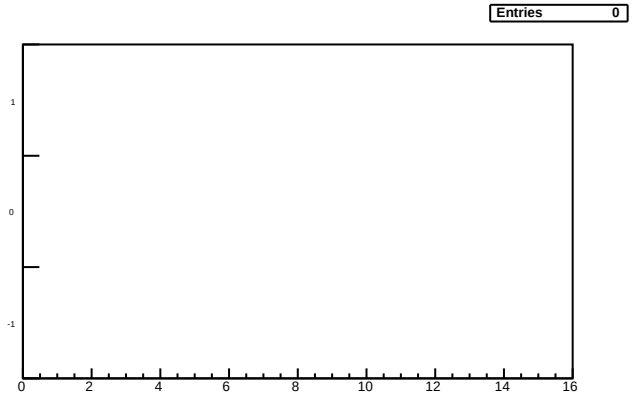

RAT board (ch4)
Entries 160000
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

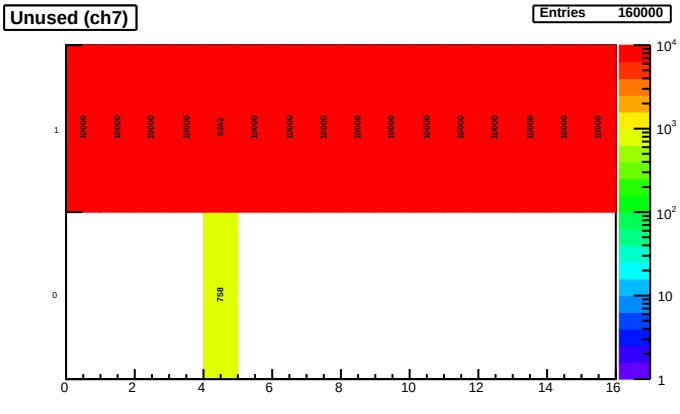

Entries 0

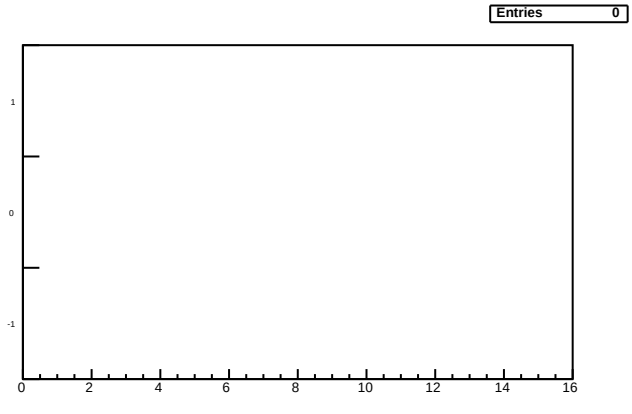

FP201 0-15 (ch5)
Entries 160000
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


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


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


Entries 0


Unused (ch7)
Entries 160000


Entries 0