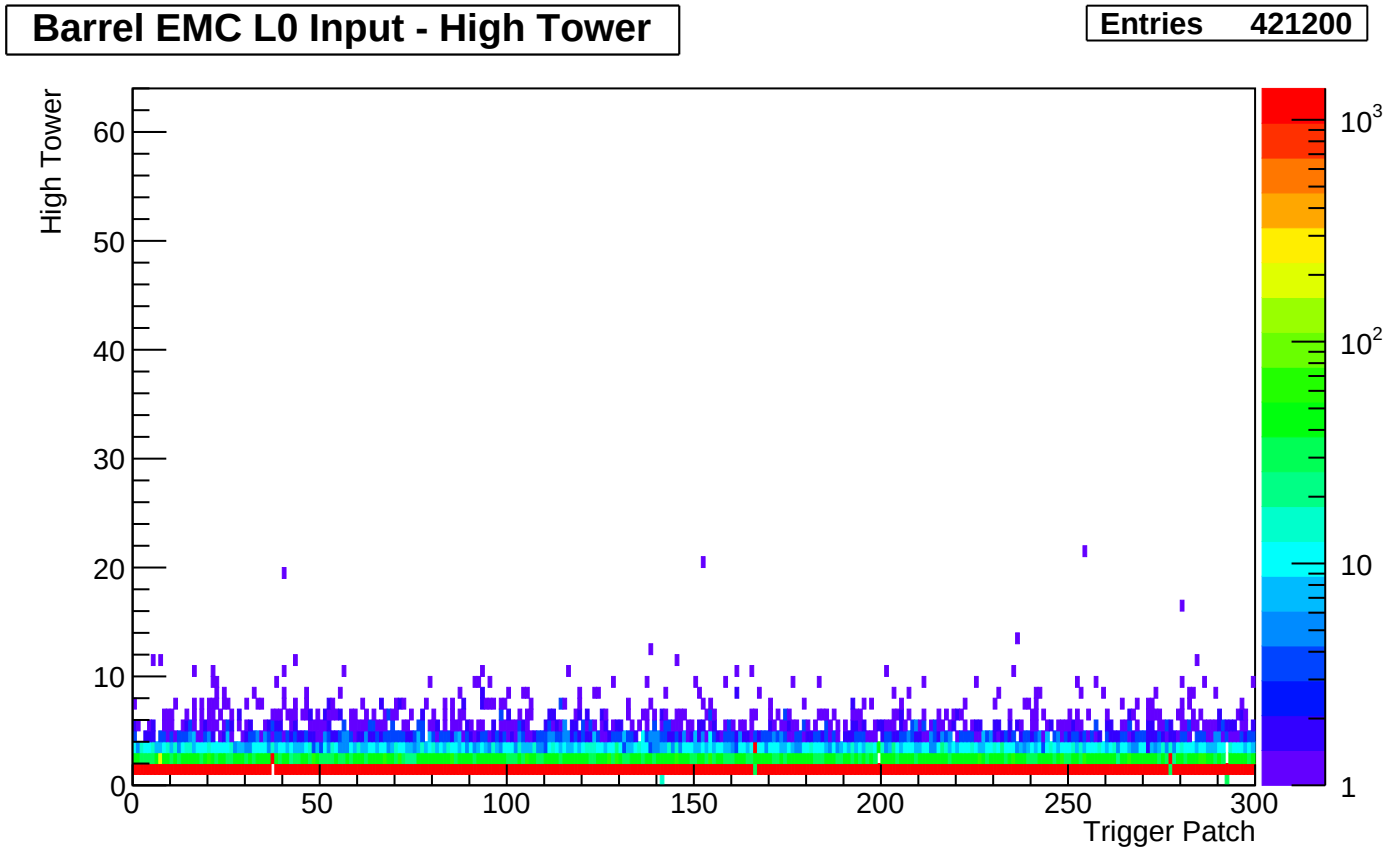
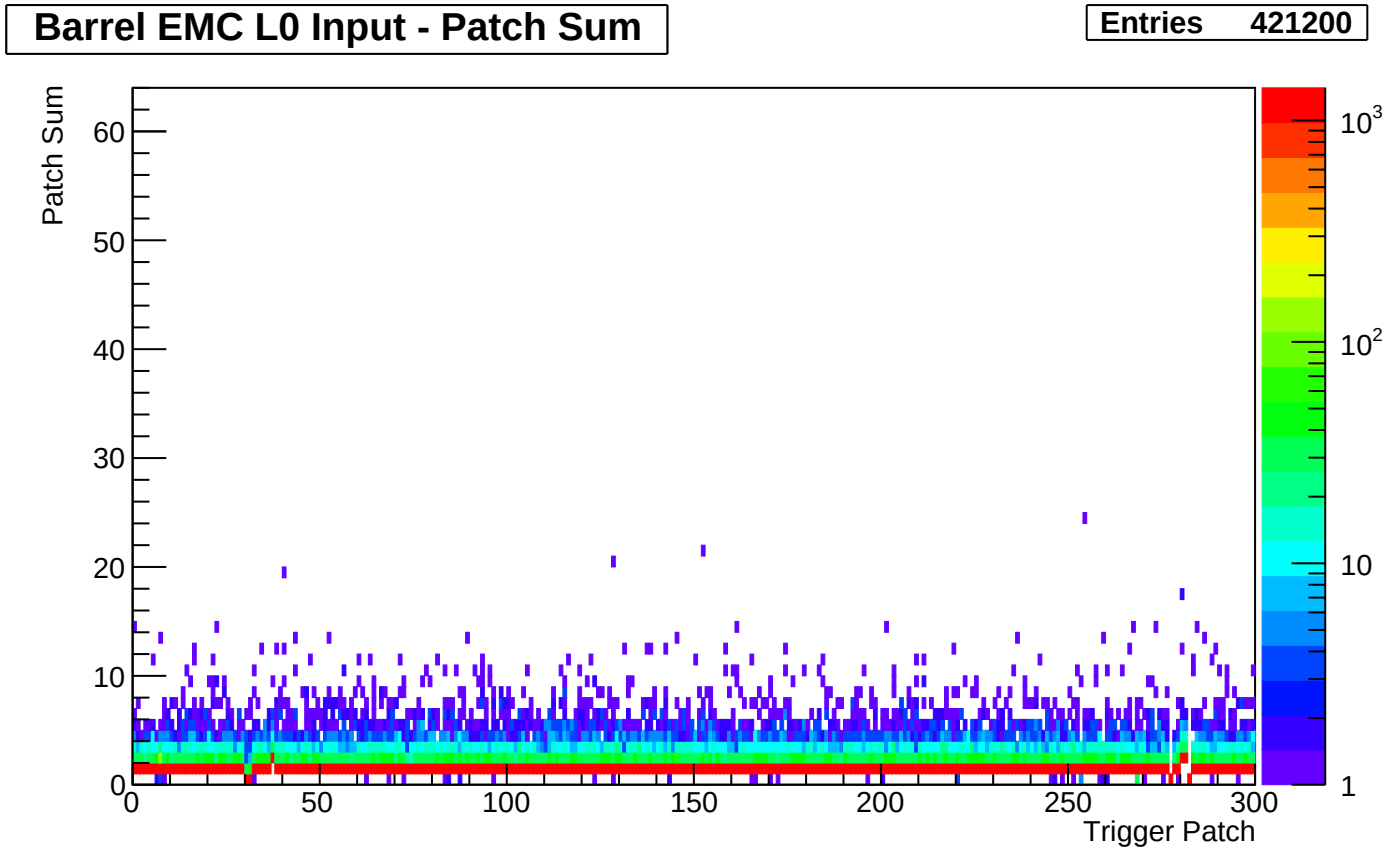
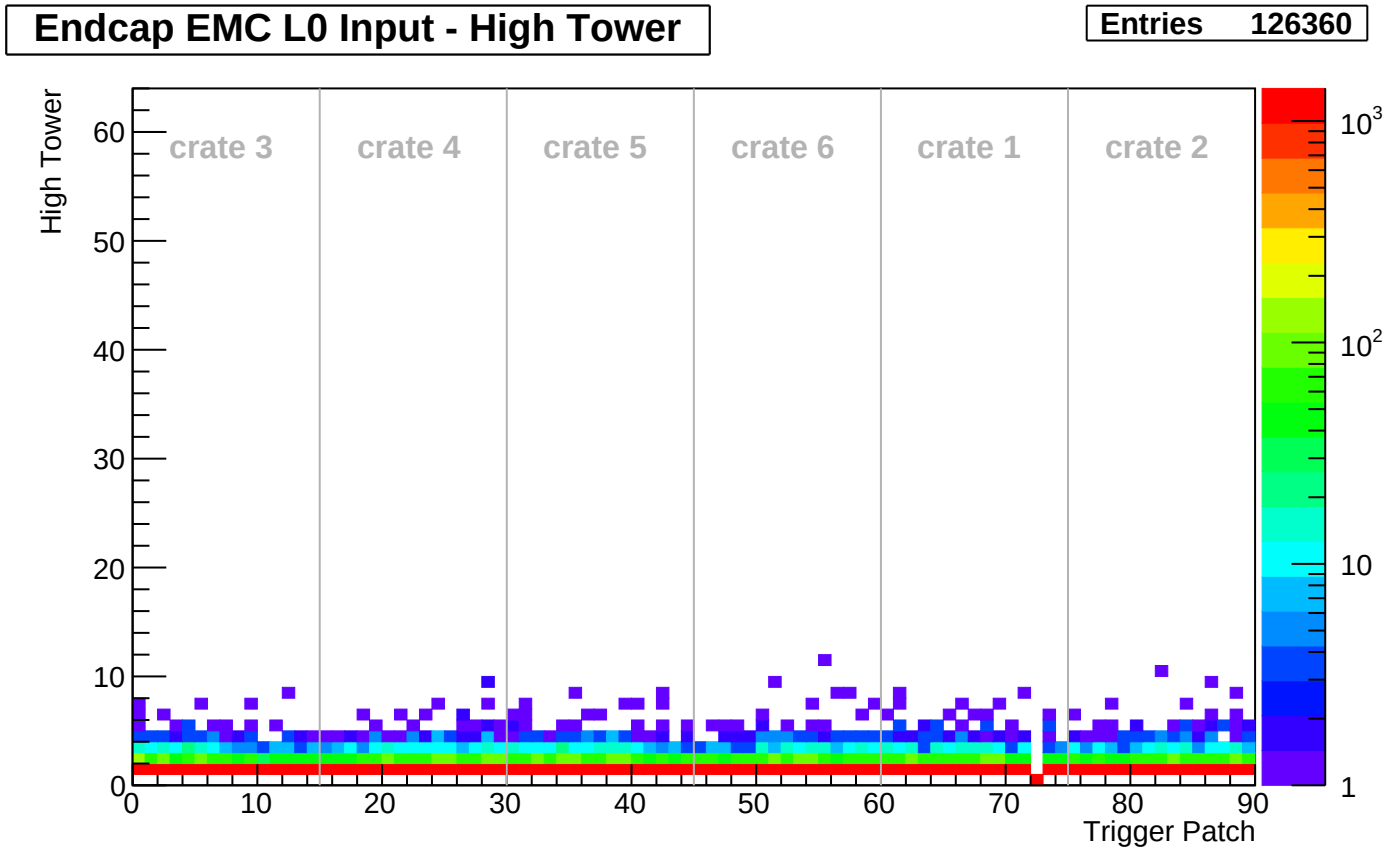
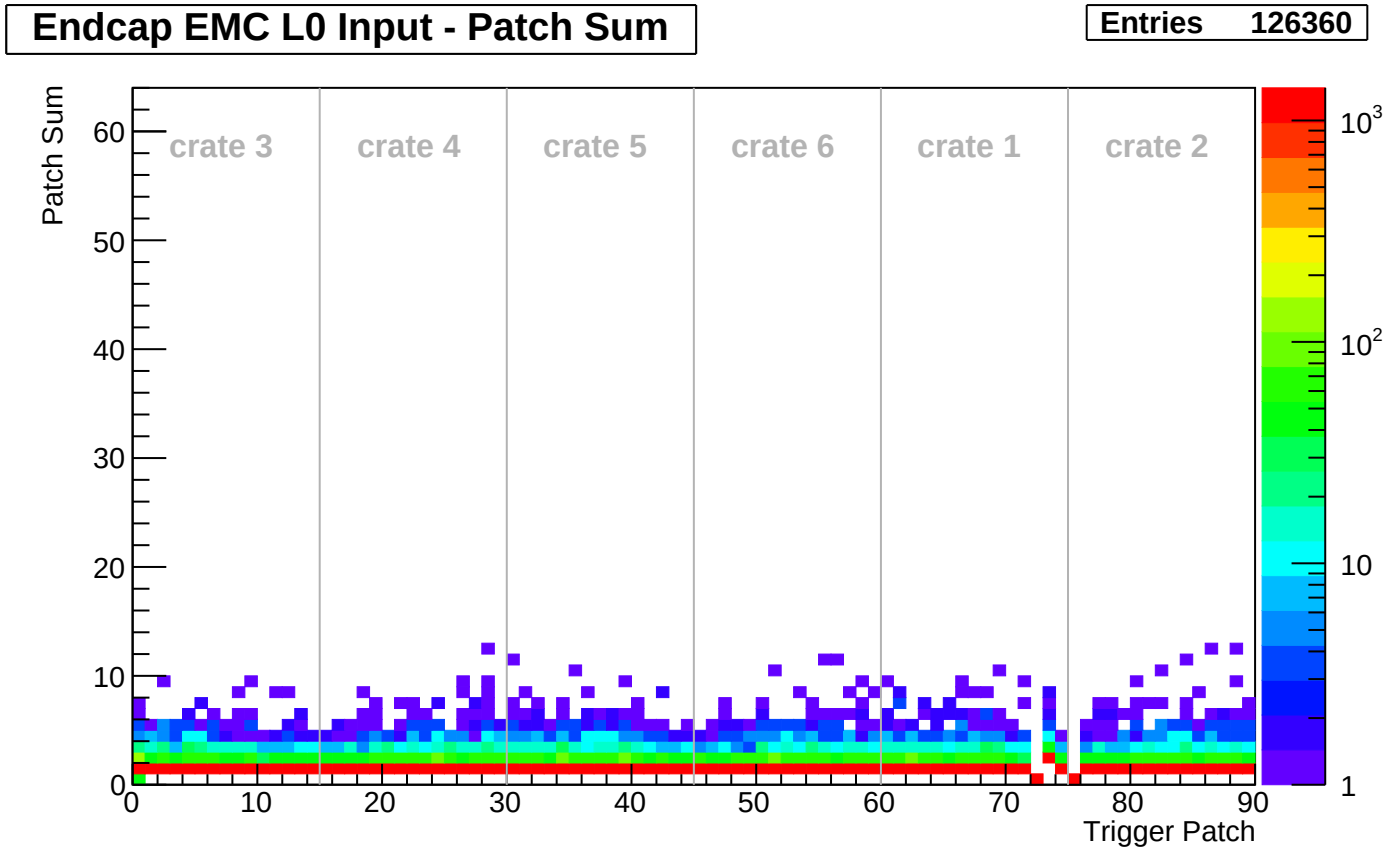
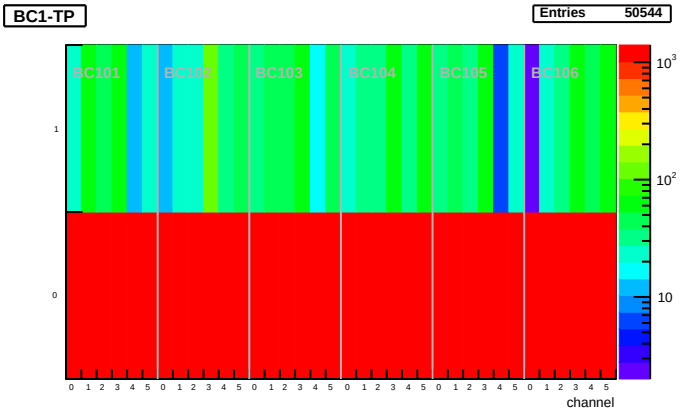
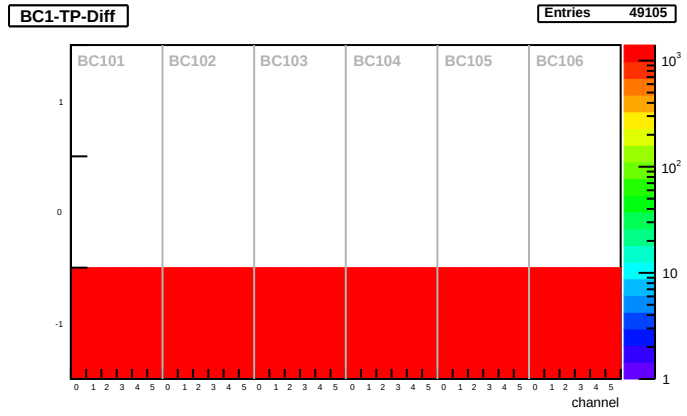

Barrel EMC L0 Input - High Tower
Entries 421200
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3

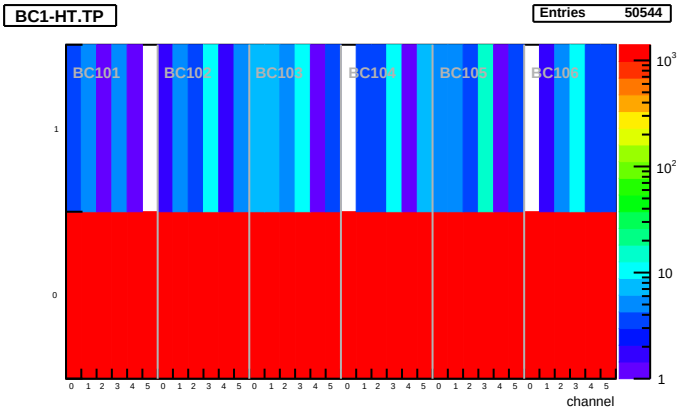

Barrel EMC L0 Input - Patch Sum
Entries 421200
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3

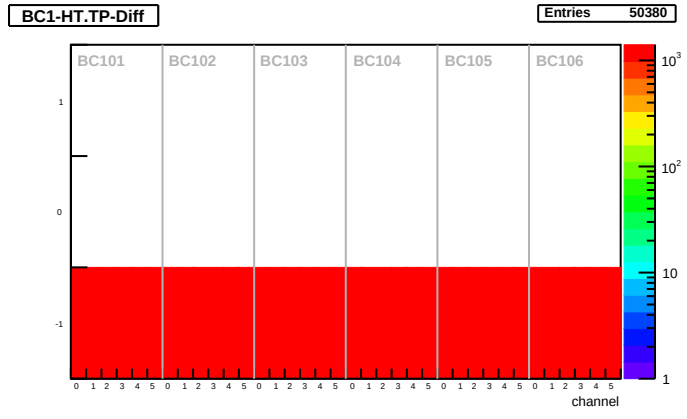

Endcap EMC L0 Input - High Tower
Entries 126360
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3

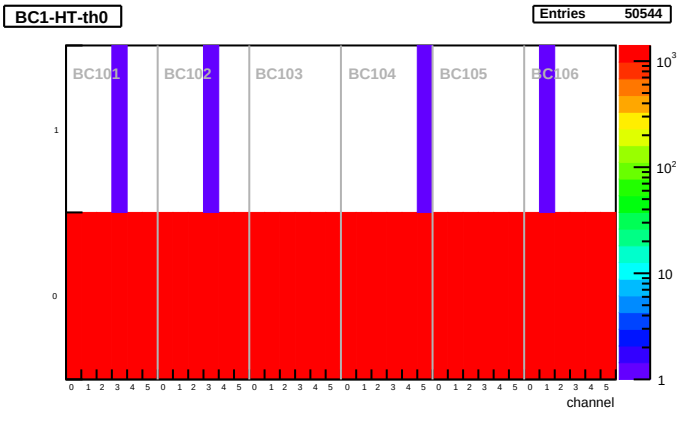

Endcap EMC L0 Input - Patch Sum
Entries 126360
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3

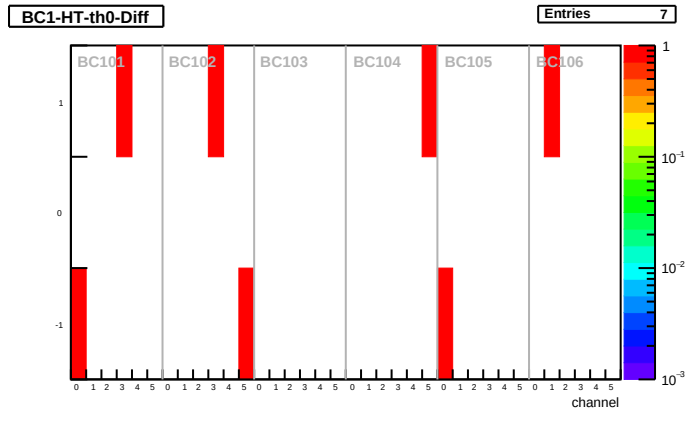

BC1-TP
Entries 50544
BC101
BC102
BC103
BC104
BC105
BC106
channel

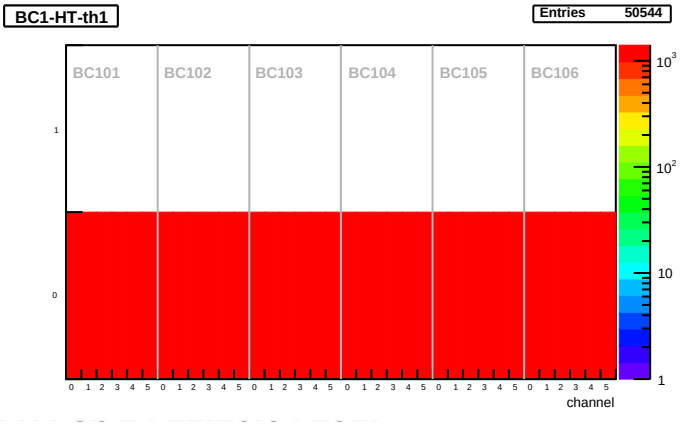

BC1-TP-Diff
Entries 49105
BC101
BC102
BC103
BC104
BC105
BC106
channel

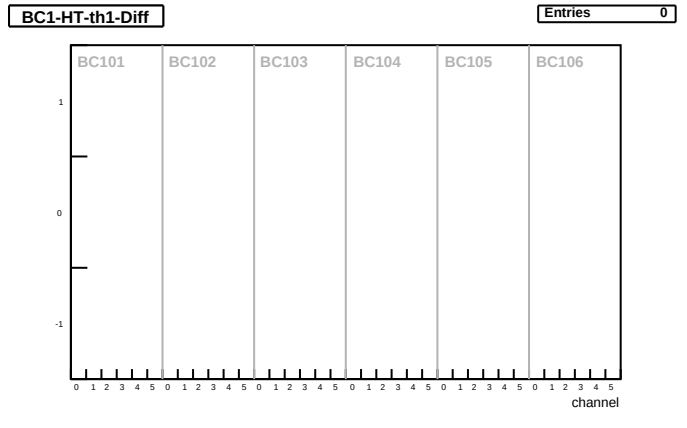

BC1-HT.TP
Entries 50544
BC101
BC102
BC103
BC104
BC105
BC106
channel

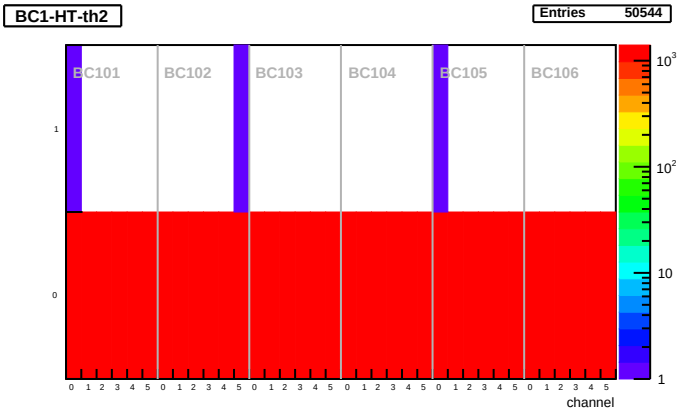

BC1-HT.TP-Diff
Entries 50380
BC101
BC102
BC103
BC104
BC105
BC106
channel

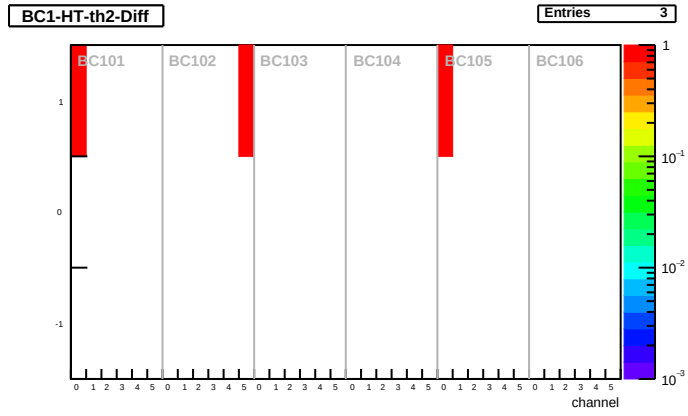

BC1-HT-th0
Entries 50544
BC101
BC102
BC103
BC104
BC105
BC106
channel

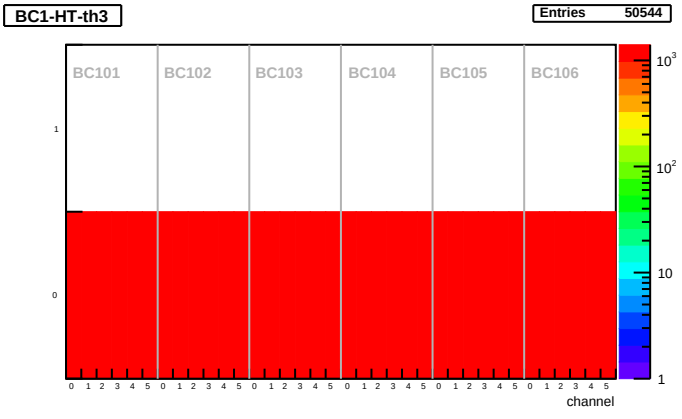

BC1-HT-th0-Diff
Entries 7
BC101
BC102
BC103
BC104
BC105
BC106
channel

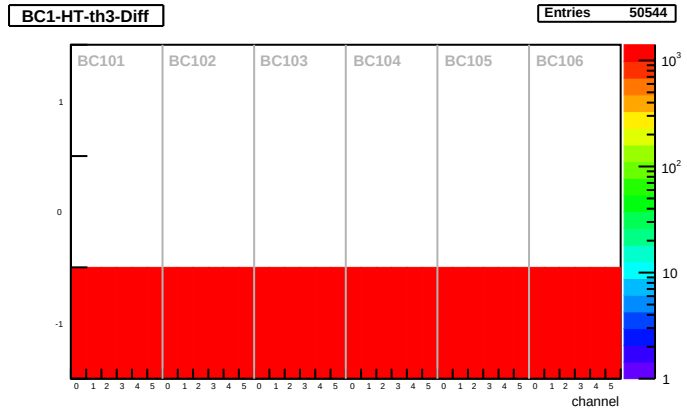

BC1-HT-th1
Entries 50544
BC101
BC102
BC103
BC104
BC105
BC106
channel

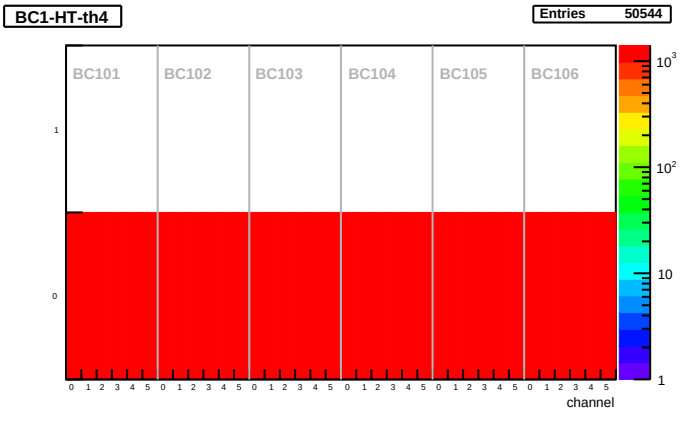

BC1-HT-th1-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

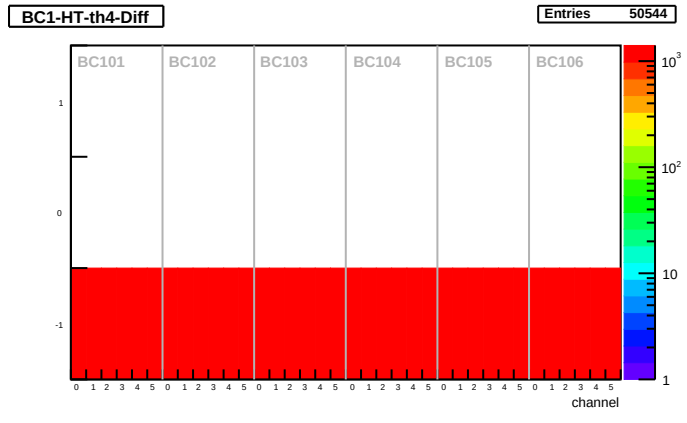

BC1-HT-th2
Entries 50544
BC101
BC102
BC103
BC104
BC105
BC106
channel

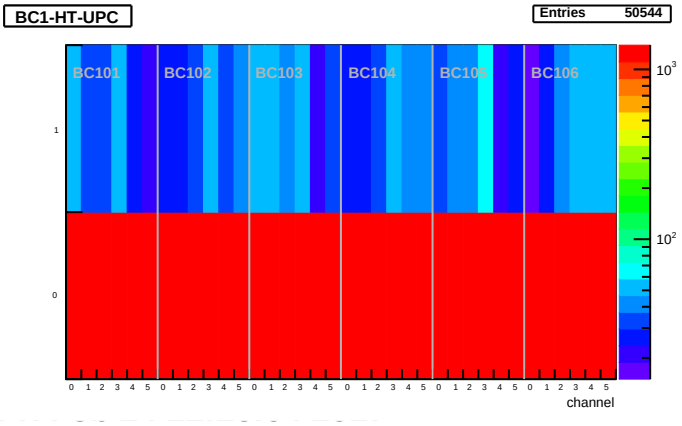

BC1-HT-th2-Diff
Entries 3
BC101
BC102
BC103
BC104
BC105
BC106
channel

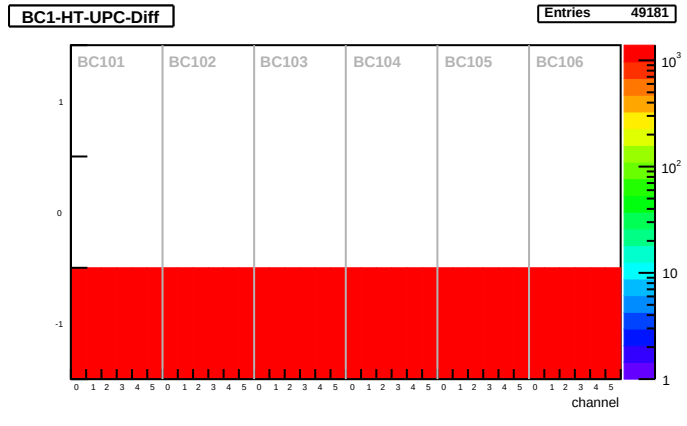

BC1-HT-th3
Entries 50544
BC101
BC102
BC103
BC104
BC105
BC106
channel

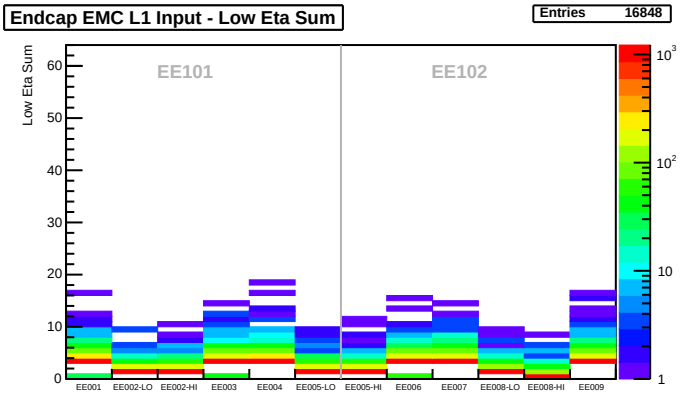

BC1-HT-th3-Diff
Entries 50544
BC101
BC102
BC103
BC104
BC105
BC106
channel

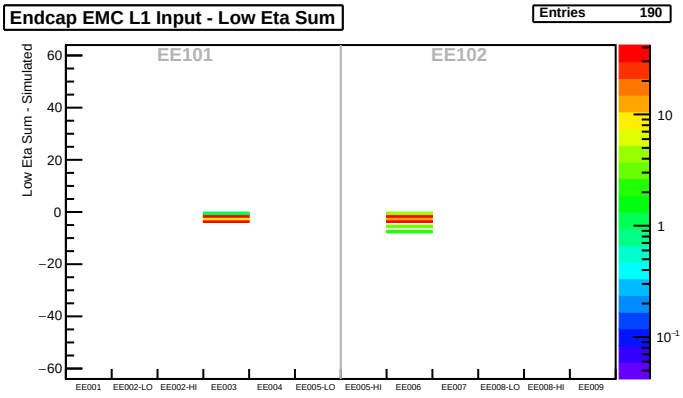

BC1-HT-th4
Entries 50544
BC101
BC102
BC103
BC104
BC105
BC106
channel

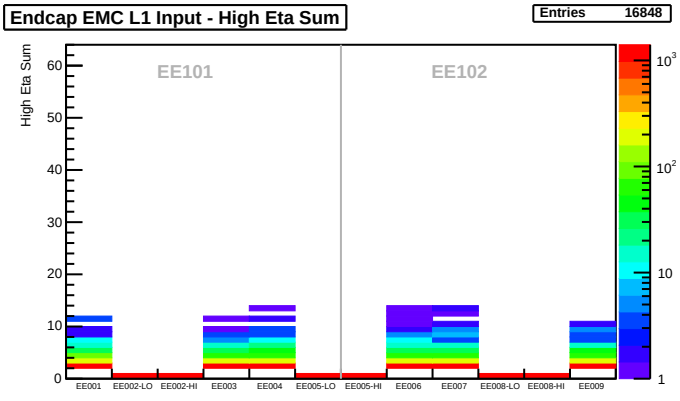

BC1-HT-th4-Diff
Entries 50544
BC101
BC102
BC103
BC104
BC105
BC106
channel

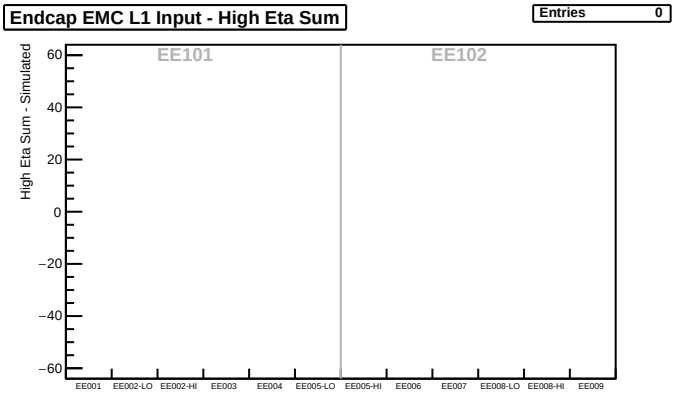

BC1-HT-UPC
Entries 50544
BC101
BC102
BC103
BC104
BC105
BC106
channel

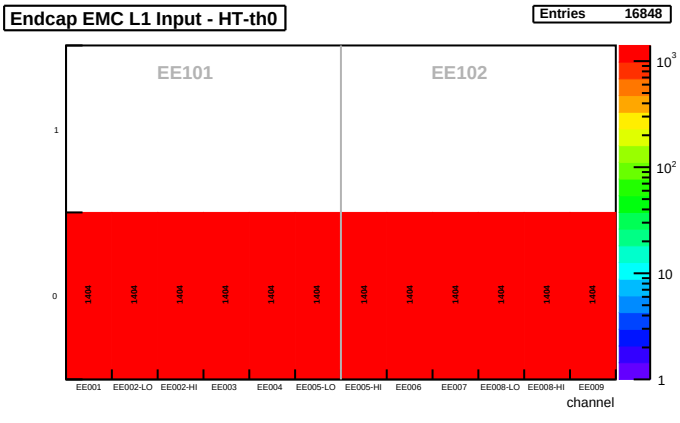

BC1-HT-UPC-Diff
Entries 49181
BC101
BC102
BC103
BC104
BC105
BC106
channel

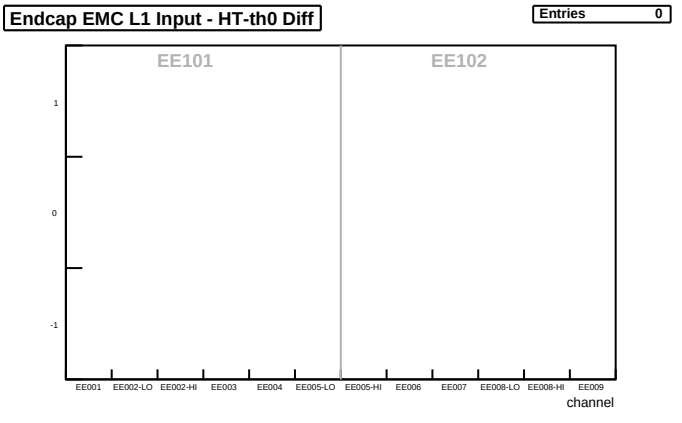

Endcap EMC L1 Input - Low Eta Sum
Entries 16848
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

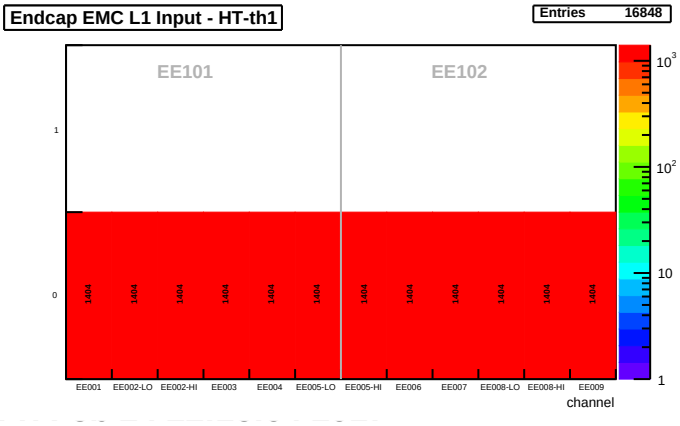

Endcap EMC L1 Input - Low Eta Sum
Entries 190
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

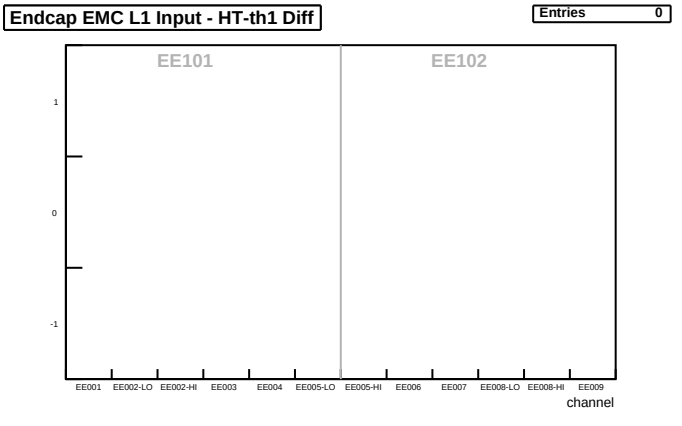

Endcap EMC L1 Input - High Eta Sum
Entries 16848
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

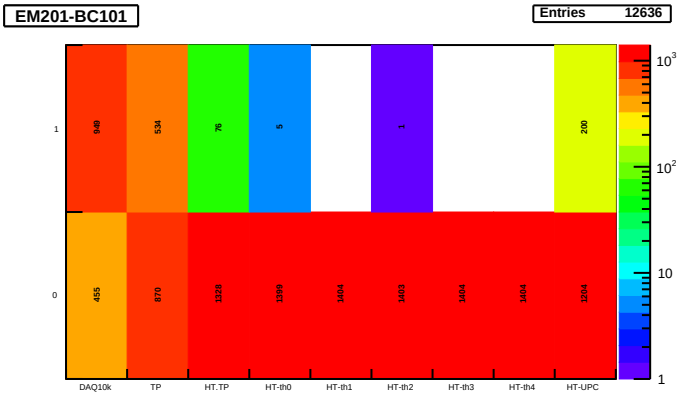

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

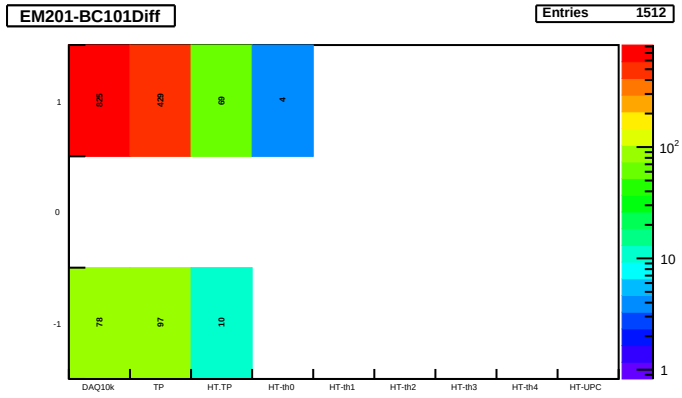

Endcap EMC L1 Input - HT-th0
Entries 16848
EE101
EE102
1404
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

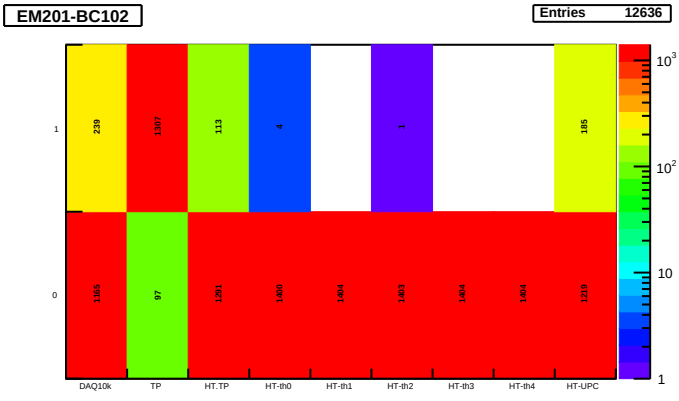

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

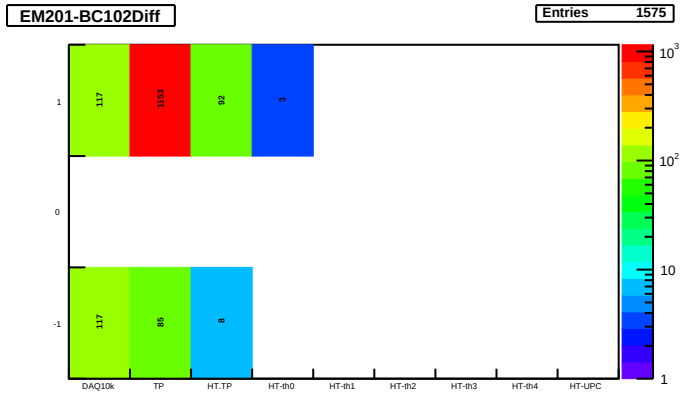

Endcap EMC L1 Input - HT-th1
Entries 16848
EE101
EE102
1404
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

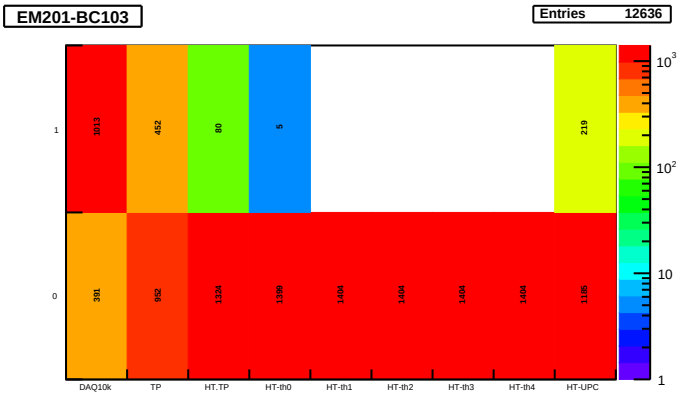

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

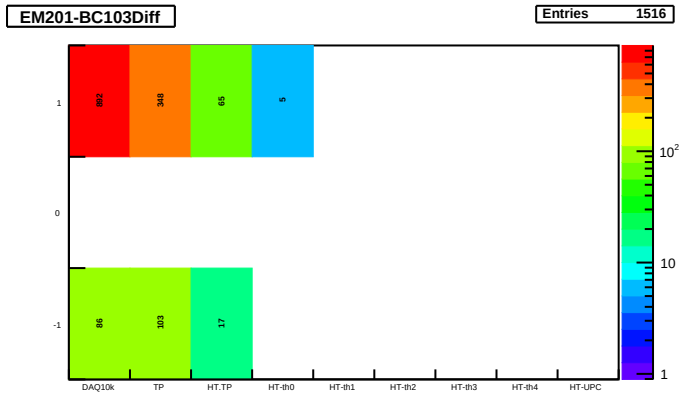

EM201-BC101
Entries 12636
1 949 534 76 5 1 200
0 455 870 1328 1399 1404 1403 1404 1404 1204
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2
10
1

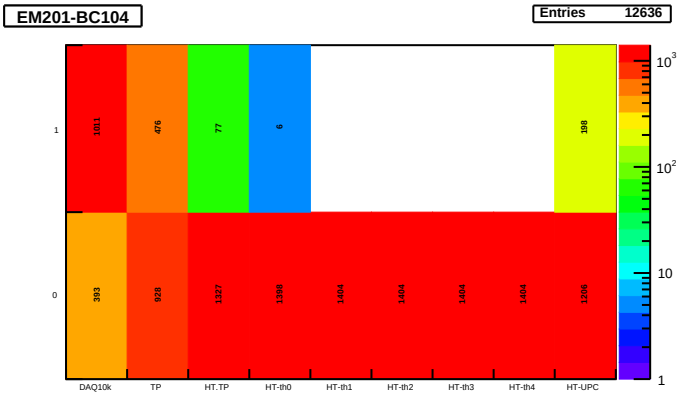

EM201-BC101Diff
Entries 1512
1 625 429 69 4
0
-1 78 97 10
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1

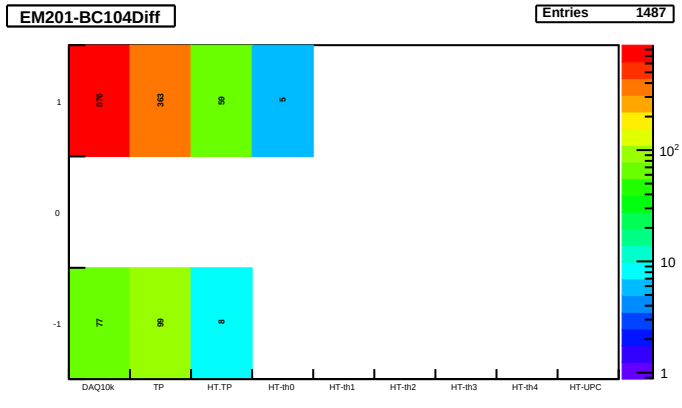

EM201-BC102
Entries 12636
1 239 1307 113 4 1 185
0 1165 97 1291 1400 1404 1403 1404 1404 1219
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2
10
1


EM201-BC102Diff
Entries 1575
1 117 1153 92 3
0
-1 117 85 8
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2
10
1

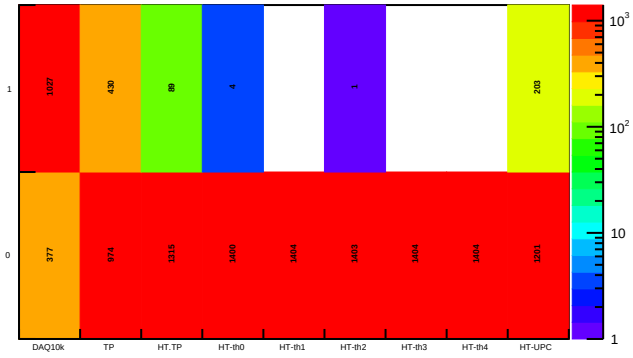

EM201-BC103
Entries 12636
1 1013 452 80 5 219
0 391 952 1324 1399 1404 1404 1404 1404 1185
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2
10
1


EM201-BC103Diff
Entries 1516
1 892 348 65 5
0
-1 86 103 17
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1

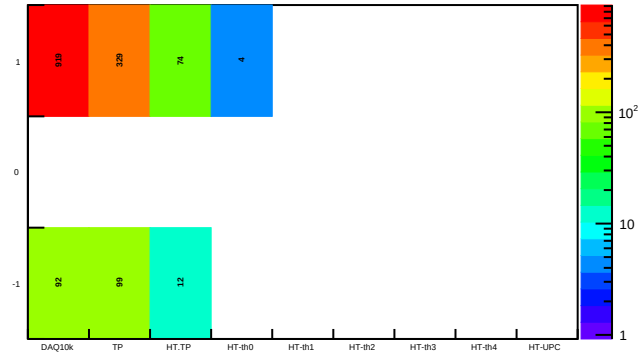

EM201-BC104
Entries 12636
1 1011 476 77 6 198
0 393 928 1327 1398 1404 1404 1404 1404 1206
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3
10^2
10
1


EM201-BC104Diff
Entries 1487
1 876 363 99 5
0
-1 77 99 8
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^2
10
1

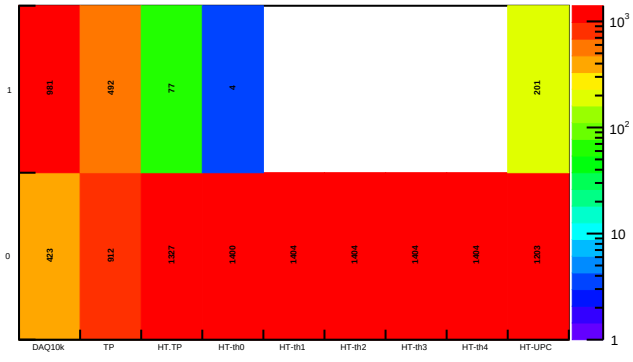
EM201-BC105 Entries 12636



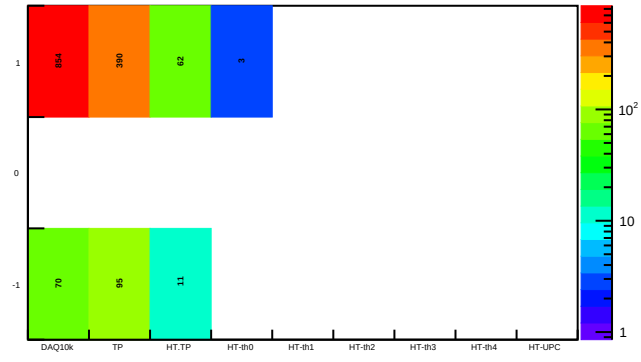
EM201-BC105Diff Entries 1529



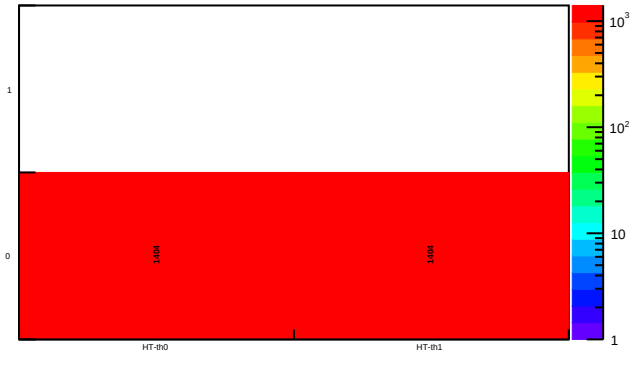
EM201-BC106 Entries 12636



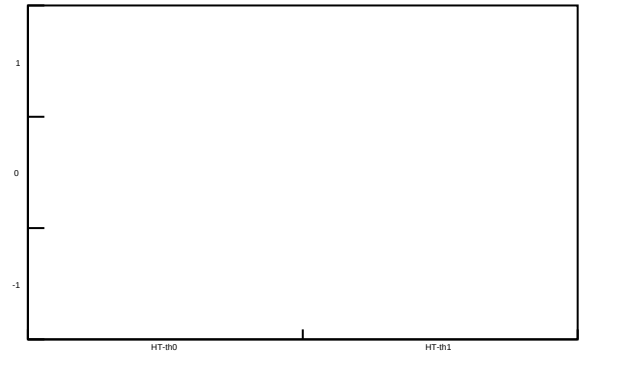
EM201-BC106Diff Entries 1485



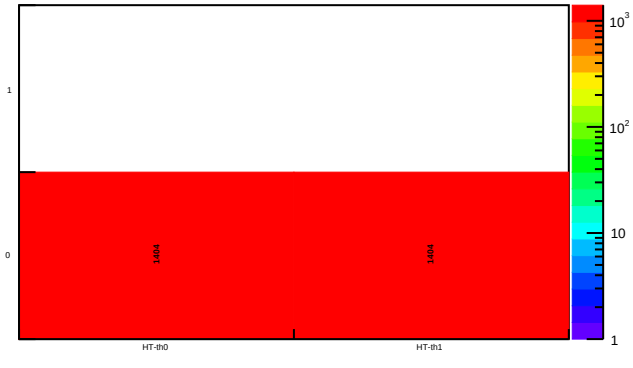
EM201-EE101 Entries 2808



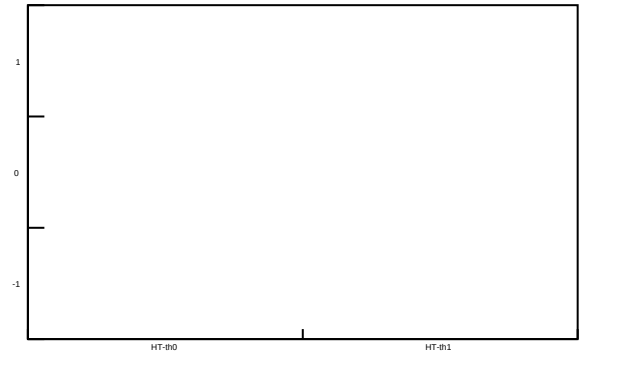
EM201-EE101Diff Entries 0

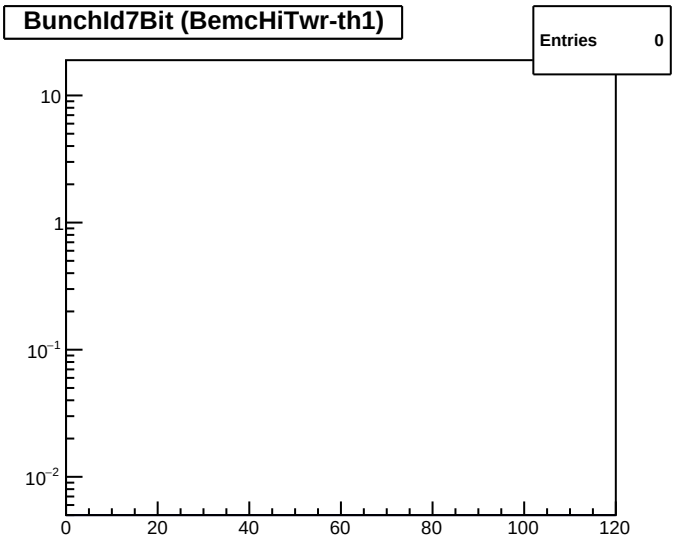


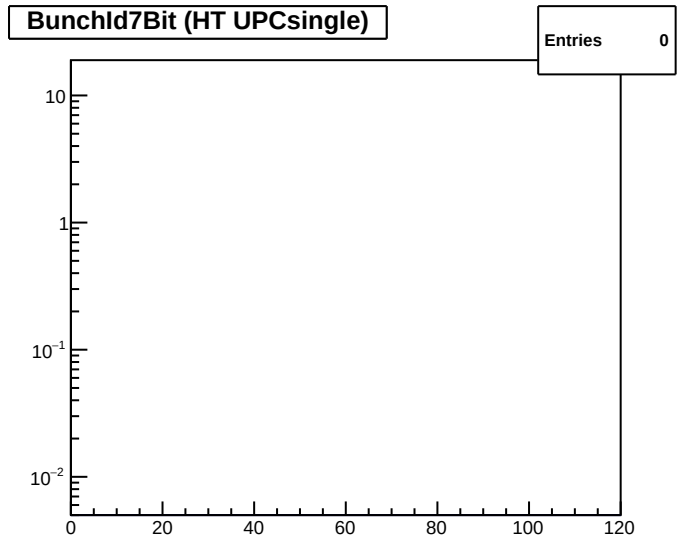
EM201-EE102 Entries 2808

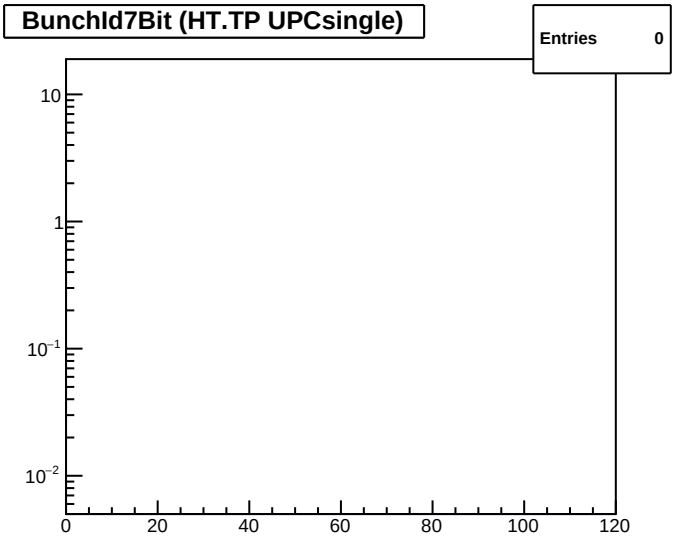


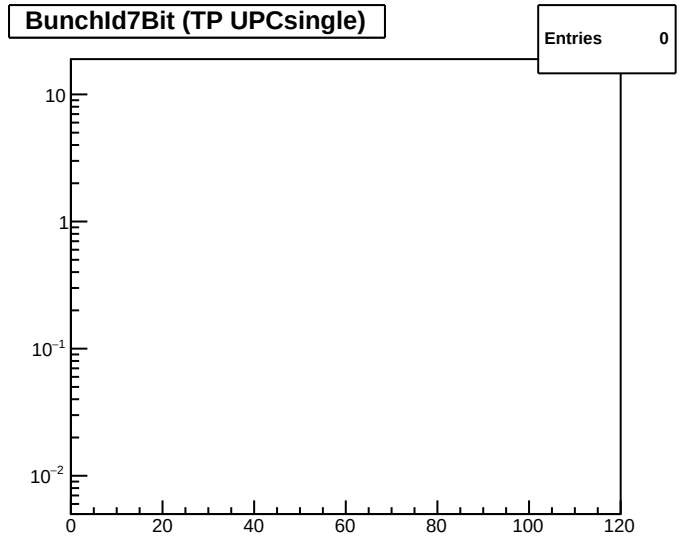
EM201-EE102Diff Entries 0

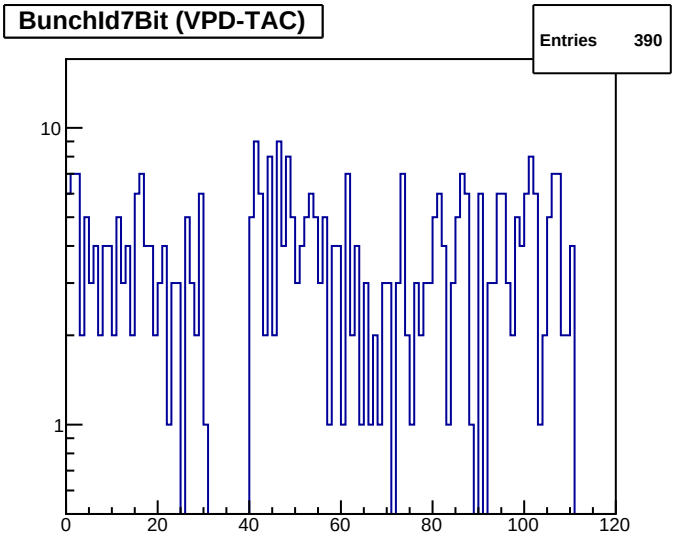


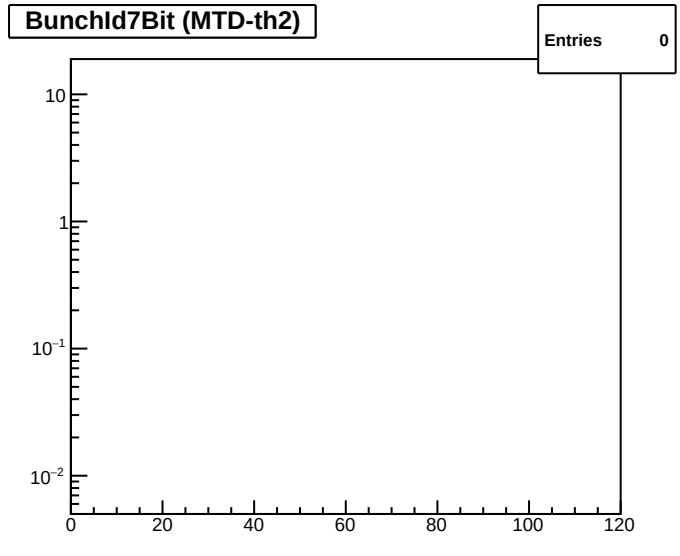

BunchId7Bit (BemcHiTwr-th1)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

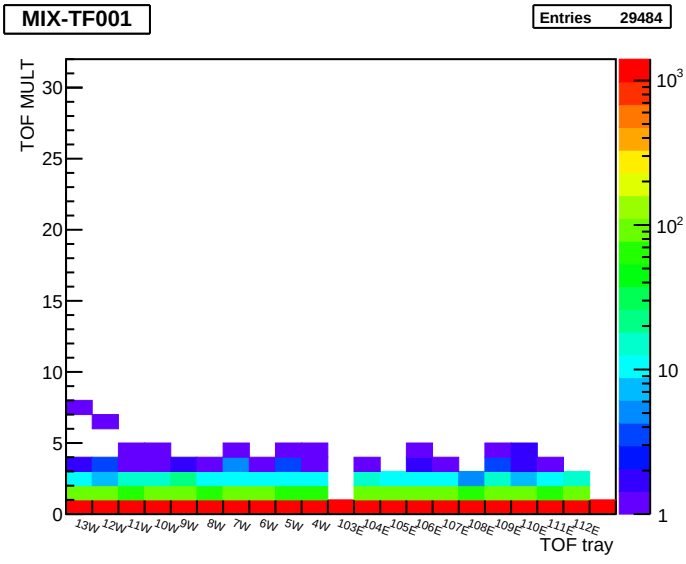

BunchId7Bit (HT UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

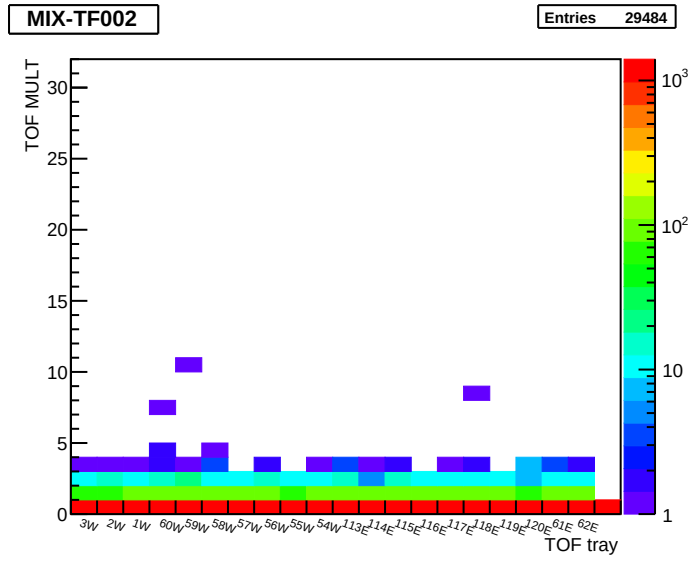

BunchId7Bit (HT.TP UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

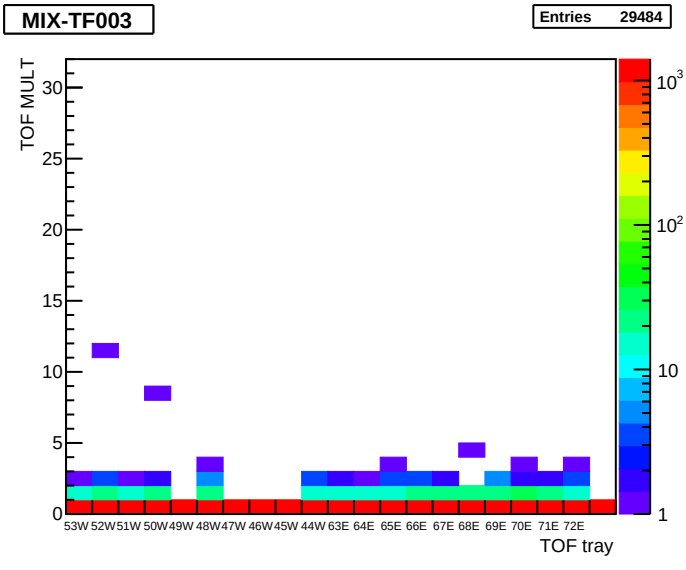

BunchId7Bit (TP UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

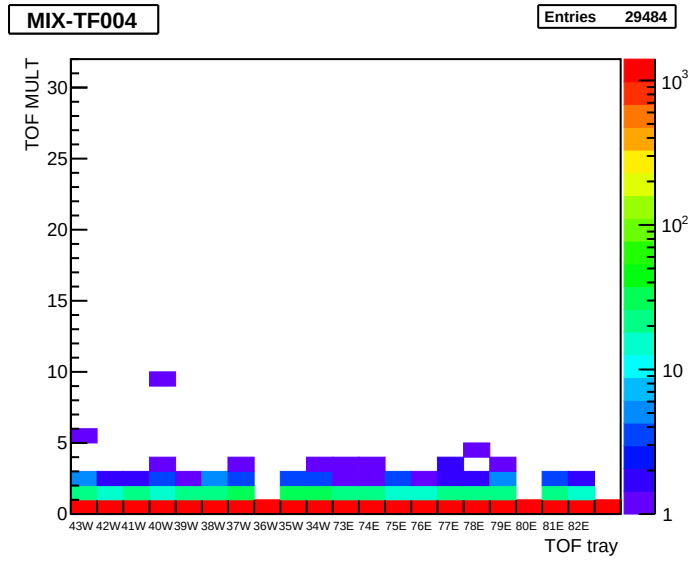

BunchId7Bit (VPD-TAC)
Entries 390
10
1
0 20 40 60 80 100 120

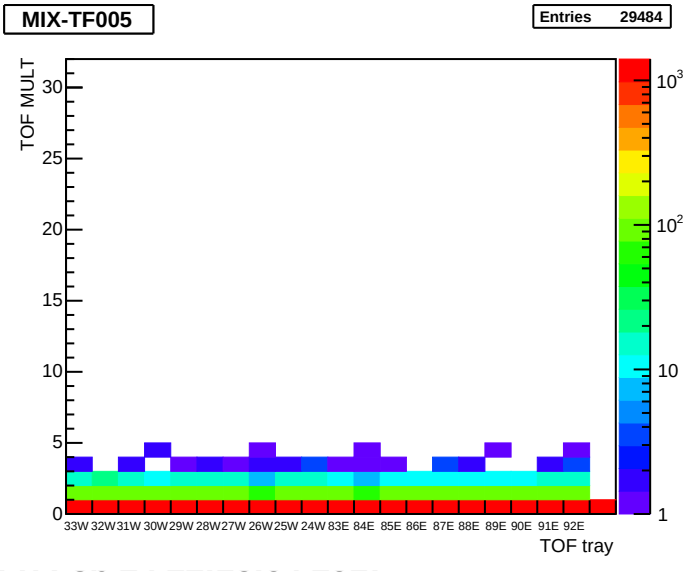

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

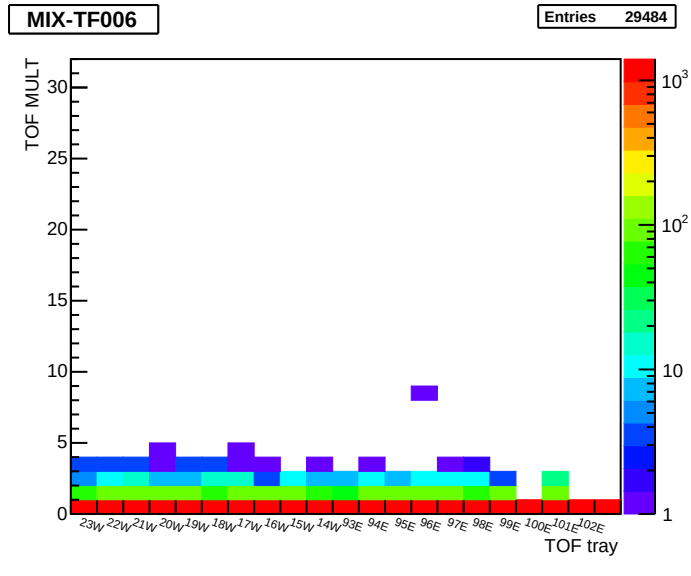

MIX-TF001
Entries 29484
TOF MULT
TOF tray

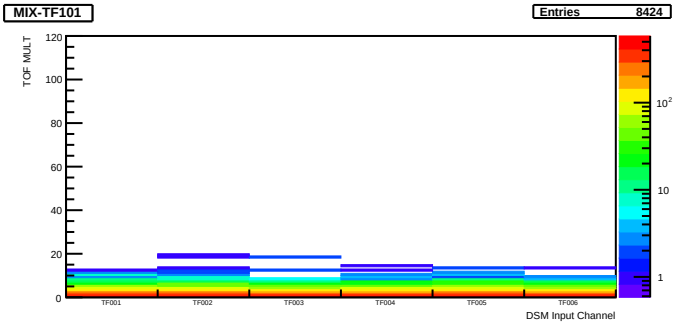

MIX-TF002
Entries 29484
TOF MULT
TOF tray

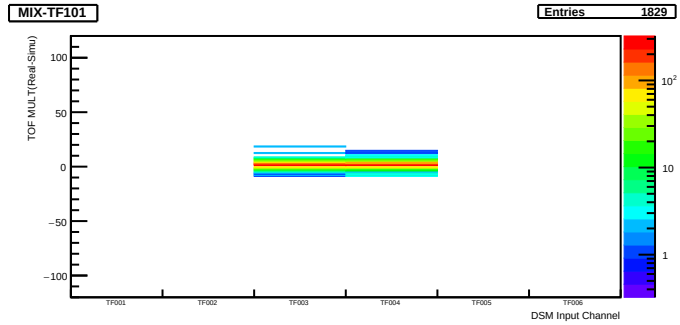

MIX-TF003
Entries 29484
TOF MULT
TOF tray

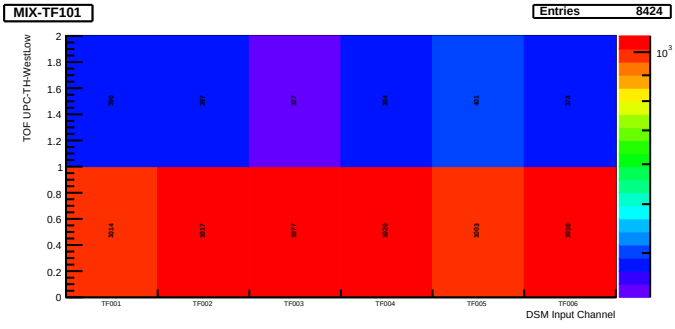

MIX-TF004
Entries 29484
TOF MULT
TOF tray

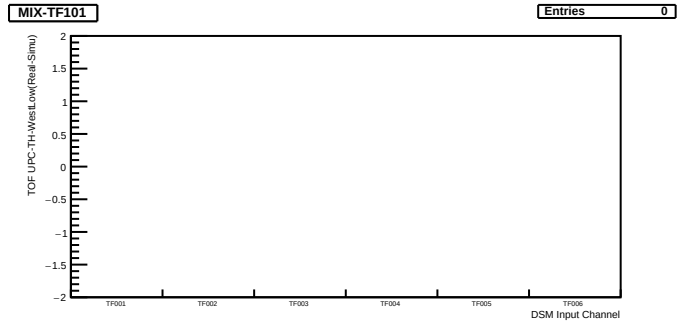

MIX-TF005
Entries 29484
TOF MULT
TOF tray

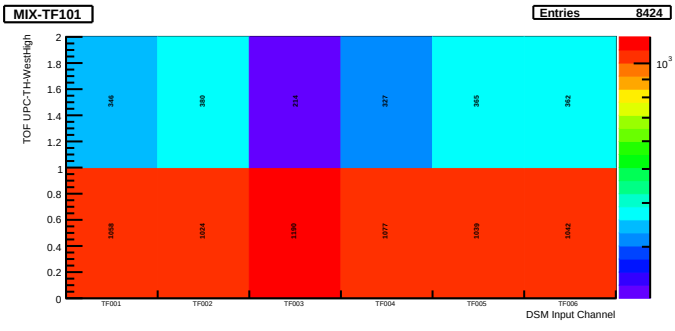

MIX-TF006
Entries 29484
TOF MULT
TOF tray

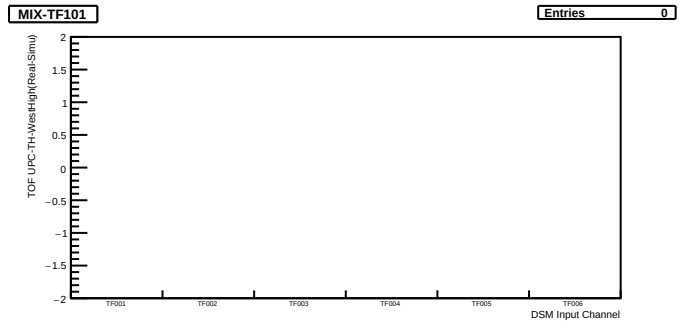

MIX-TF101
Entries 8424
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

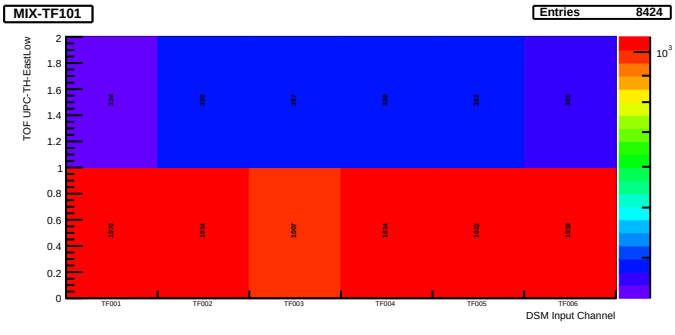

MIX-TF101
Entries 1829
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

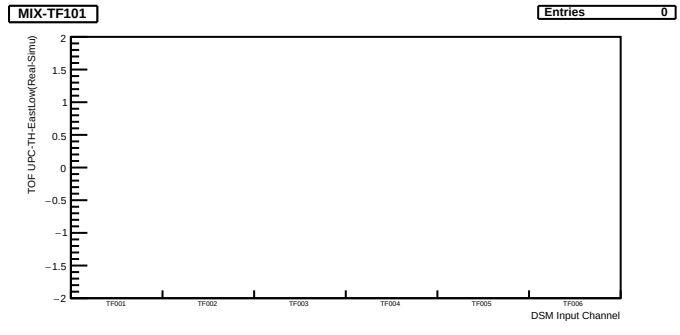

MIX-TF101
Entries 8424
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

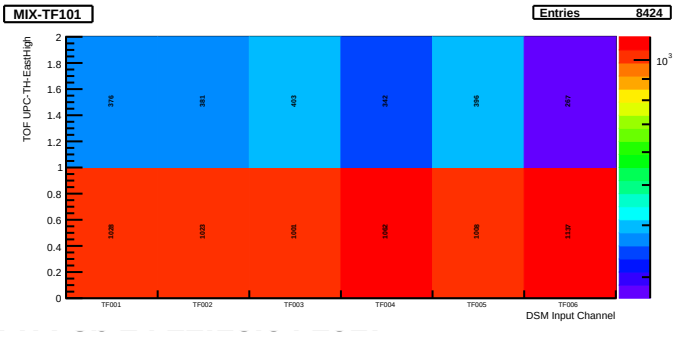

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

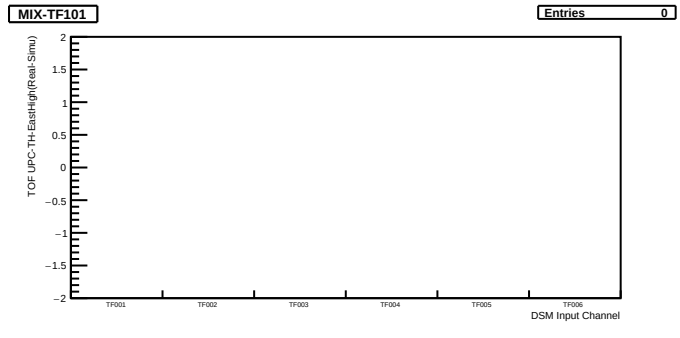

MIX-TF101
Entries 8424
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

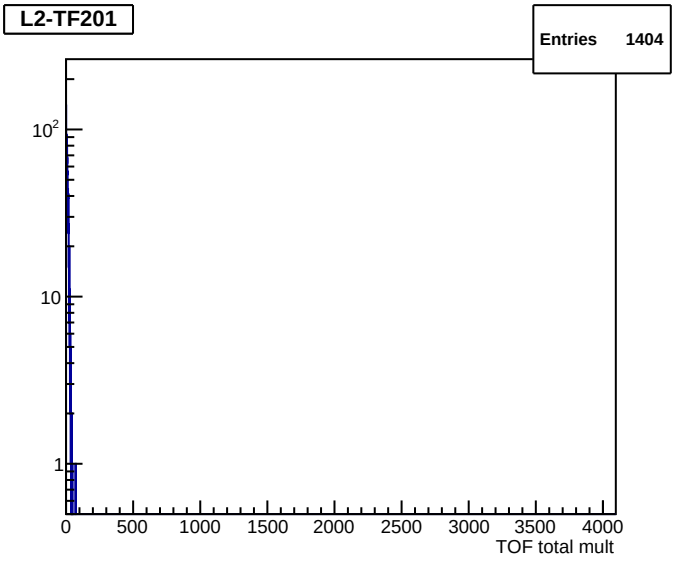

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

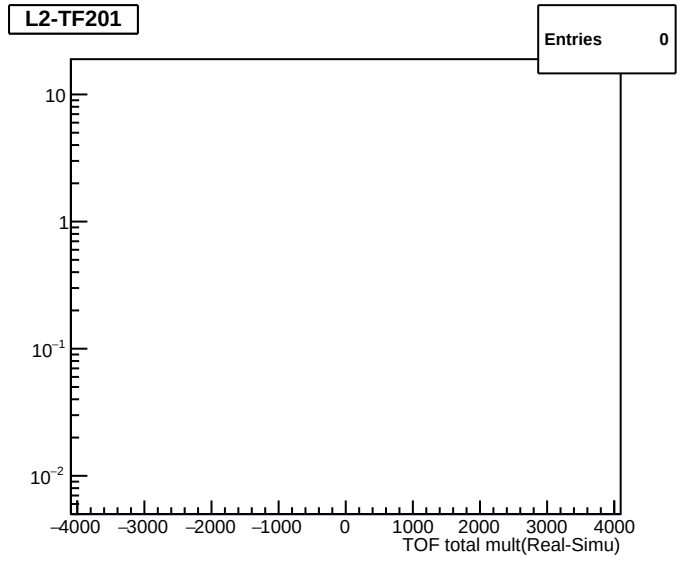

MIX-TF101
Entries 8424
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

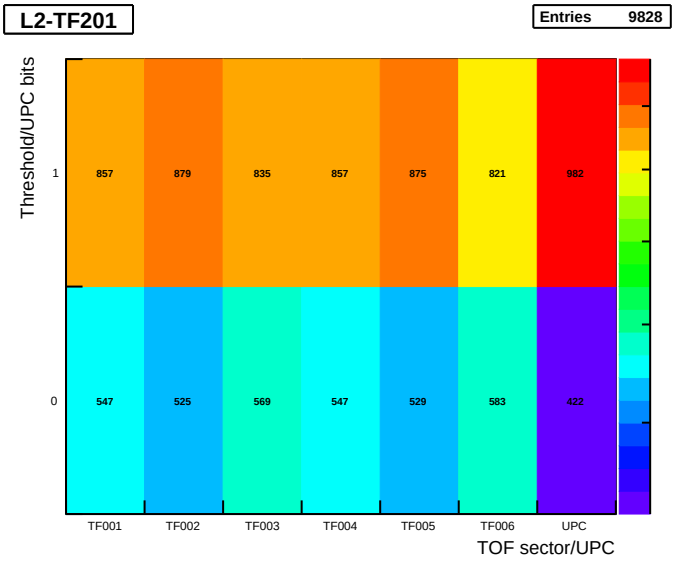

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

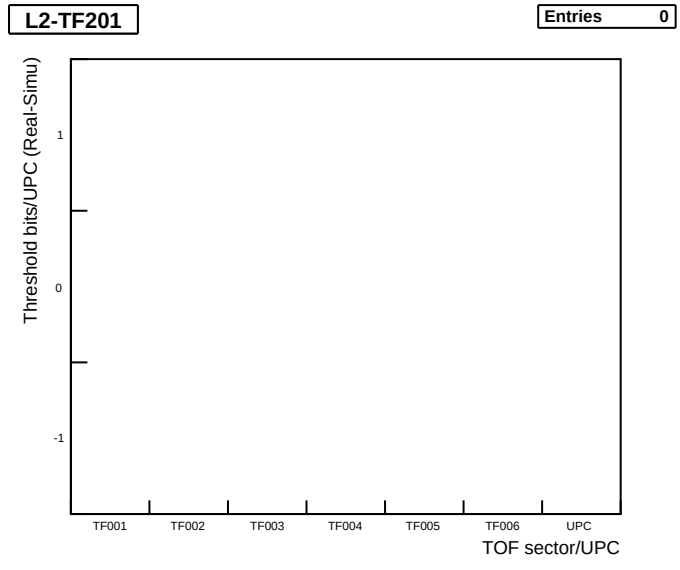

MIX-TF101
Entries 8424
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

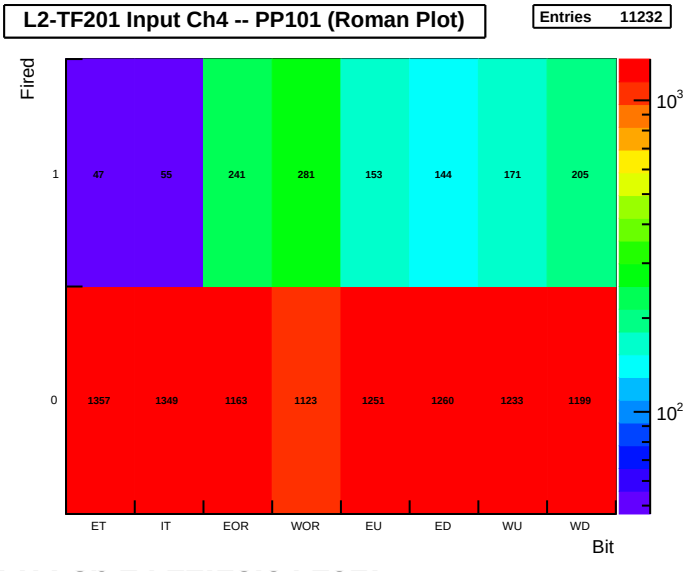

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

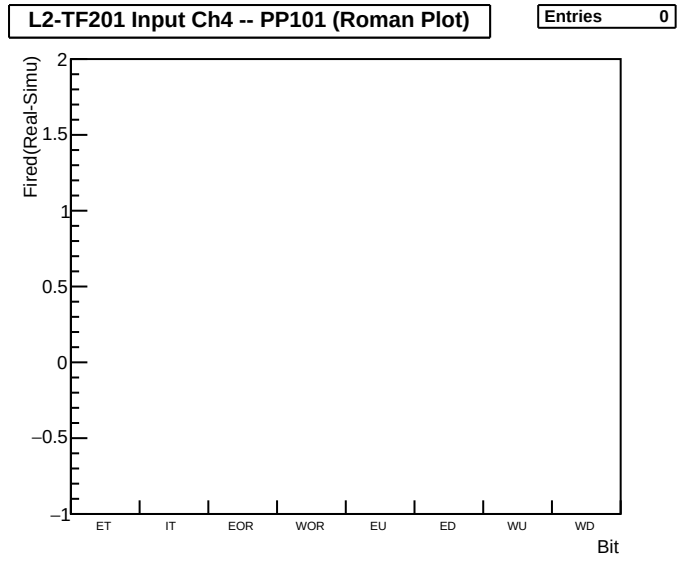

L2-TF201
Entries 1404
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000
TOF total mult

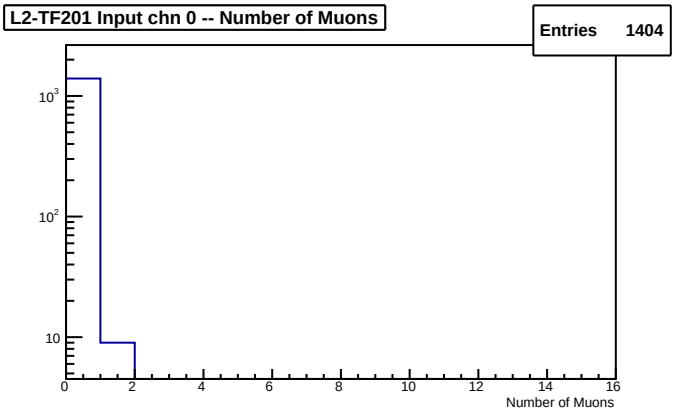

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
–4000 –3000 –2000 –1000 0 1000 2000 3000 4000
TOF total mult(Real-Simu)

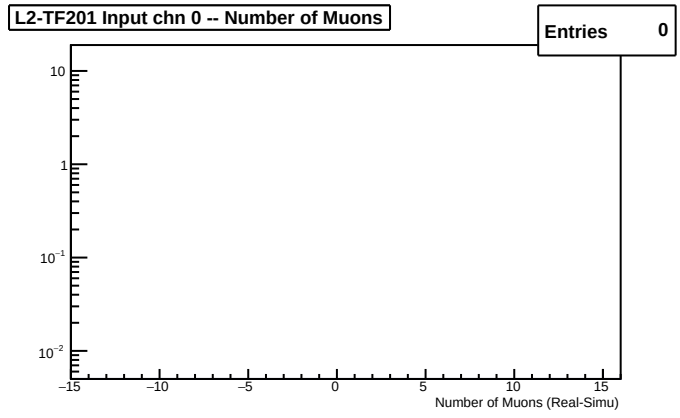

L2-TF201
Entries 9828
Threshold/UPC bits
1
0
857 879 835 857 875 821 982
547 525 569 547 529 583 422
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

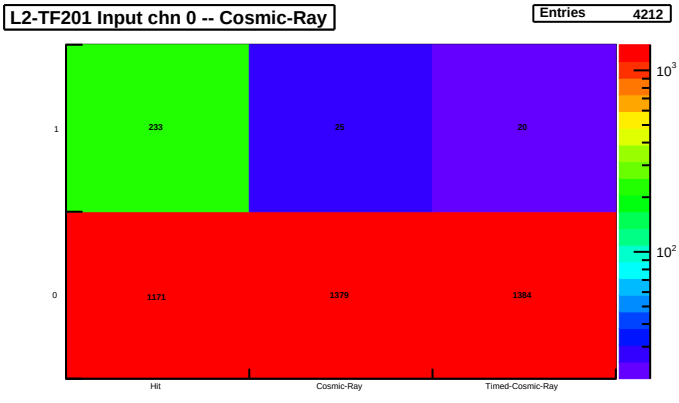

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

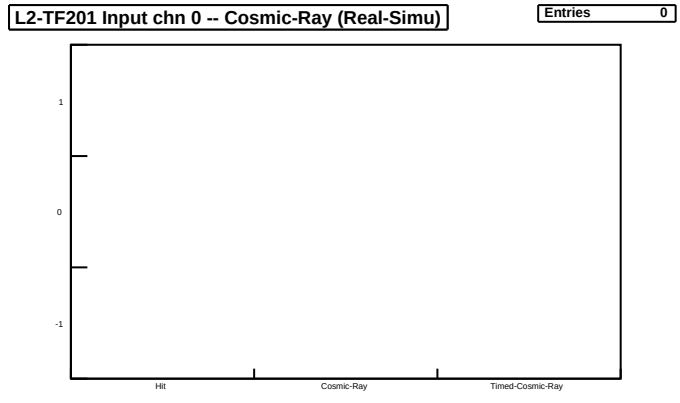

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 11232
Fired
1
0
47 55 241 281 153 144 171 205
1357 1349 1163 1123 1251 1260 1233 1199
10^3
10^2
ET IT EOR WOR EU ED WU WD
Bit

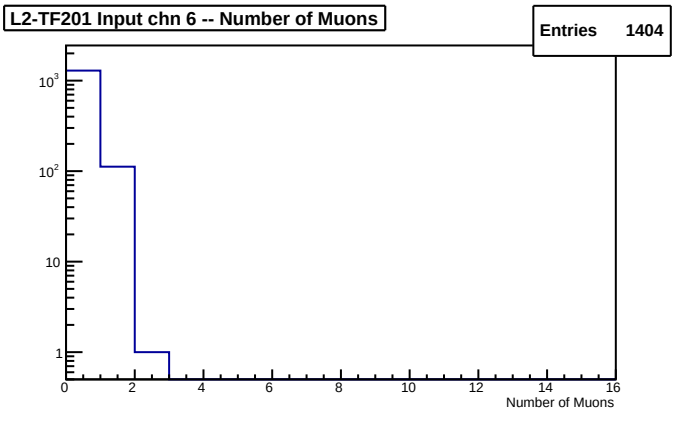

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
2
1.5
1
0.5
0
–0.5
–1
ET IT EOR WOR EU ED WU WD
Bit

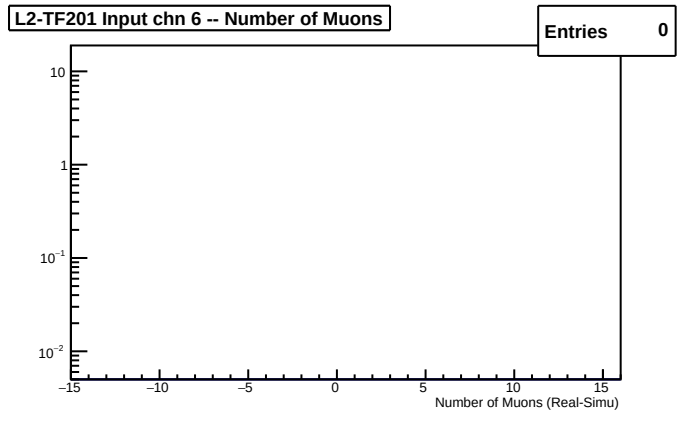

L2-TF201 Input chn 0 -- Number of Muons
Entries 1404
Number of Muons

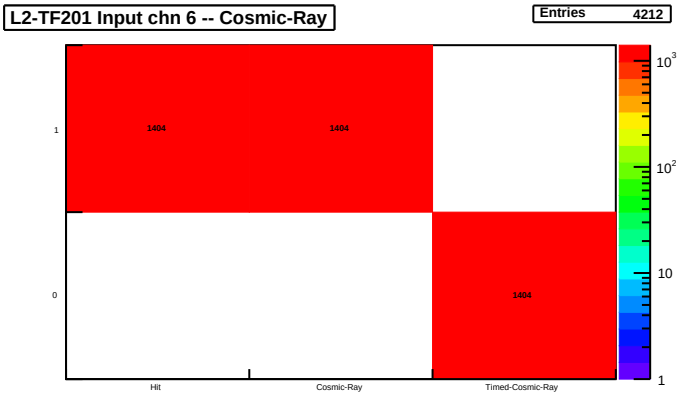

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

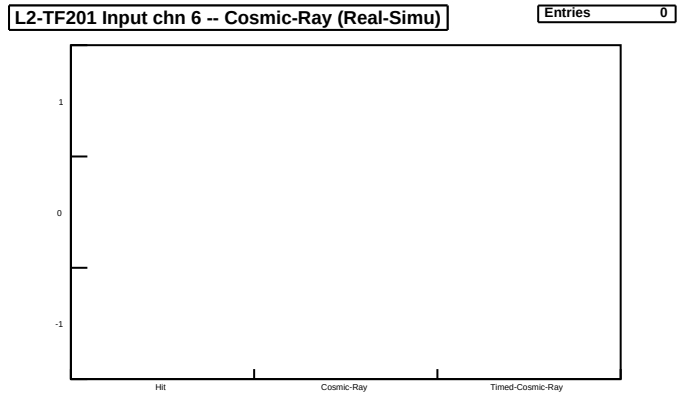

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 4212
233
25
20
1171
1379
1384
Hit
Cosmic-Ray
Timed-Cosmic-Ray

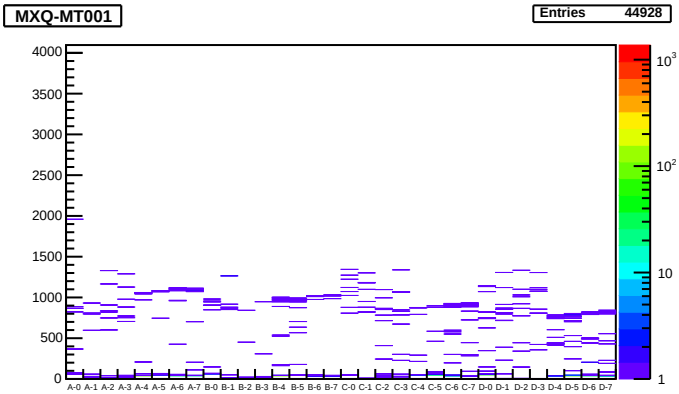

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

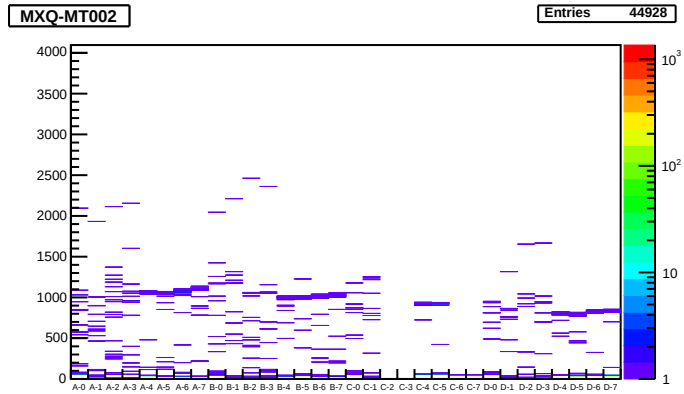

L2-TF201 Input chn 6 -- Number of Muons
Entries 1404
Number of Muons

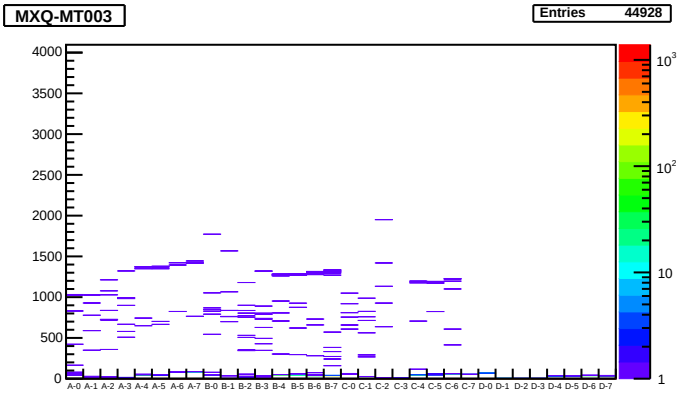

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

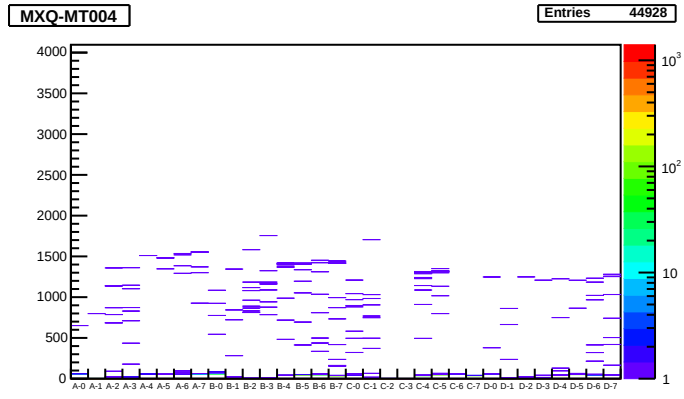

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 4212
1404
1404
1404
Hit
Cosmic-Ray
Timed-Cosmic-Ray

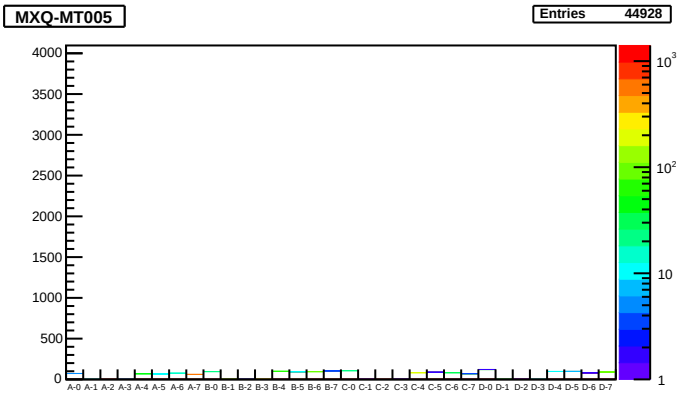

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

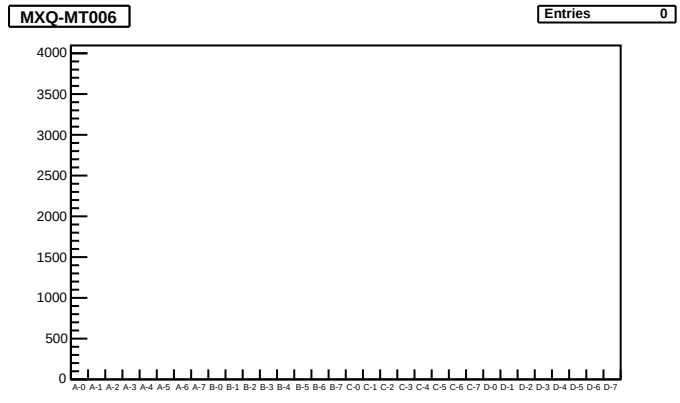

MXQ-MT001
Entries 44928

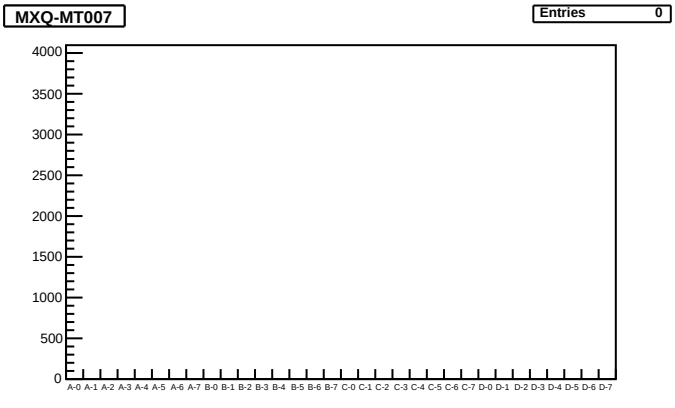

MXQ-MT002
Entries 44928

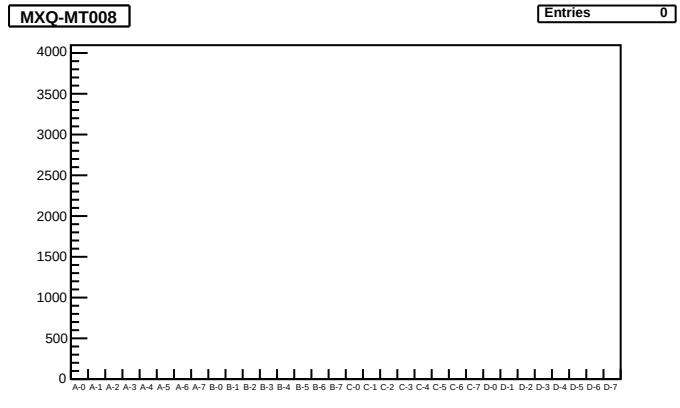

MXQ-MT003
Entries 44928

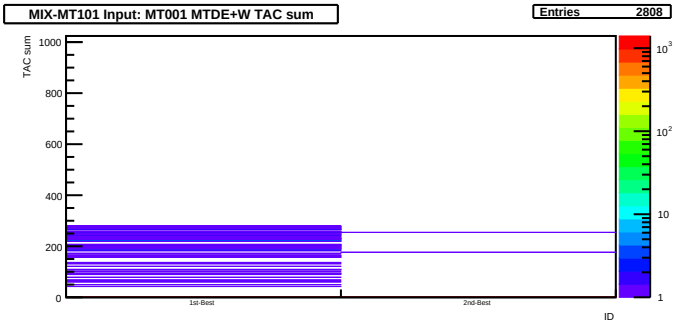

MXQ-MT004
Entries 44928

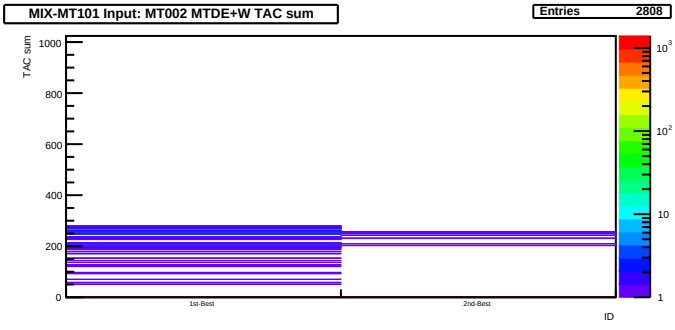

MXQ-MT005
Entries 44928

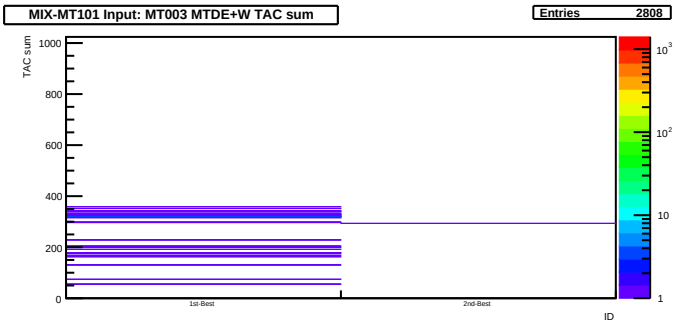

MXQ-MT006
Entries 0

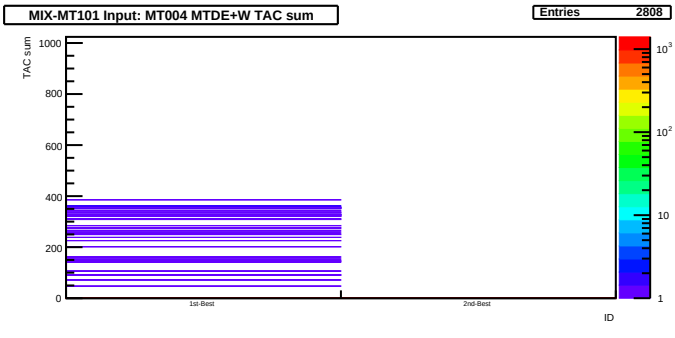

MXQ-MT007
Entries 0

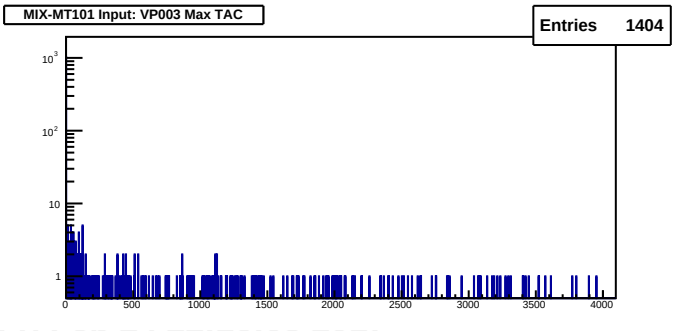

MXQ-MT008
Entries 0

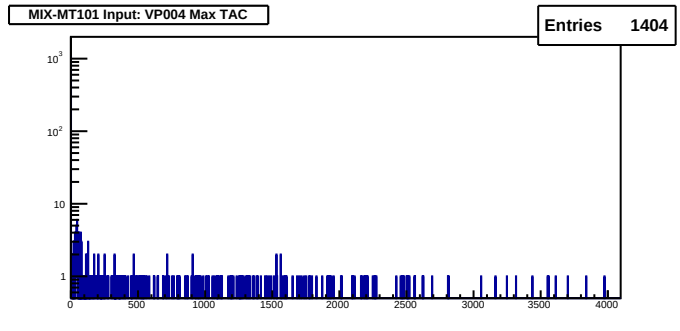

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 2808
TAC sum
1st-Best
2nd-Best
ID

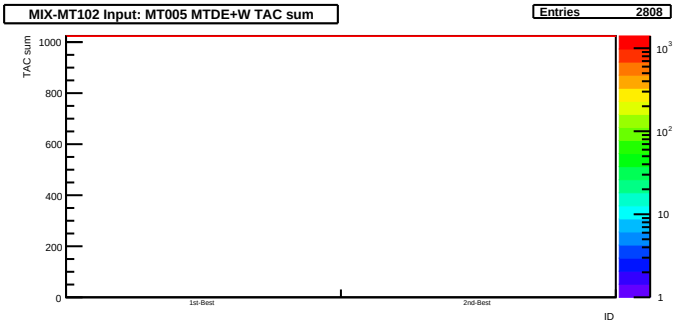

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 2808
TAC sum
1st-Best
2nd-Best
ID

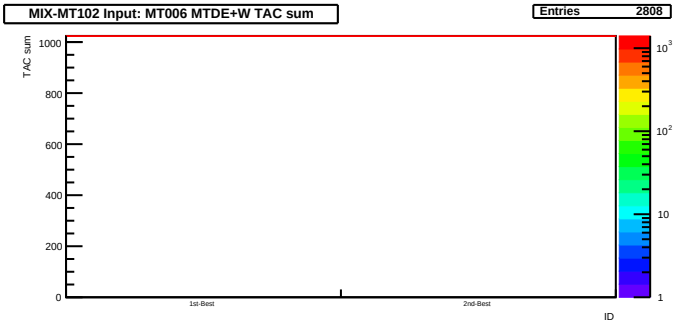

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 2808
TAC sum
1st-Best
2nd-Best
ID

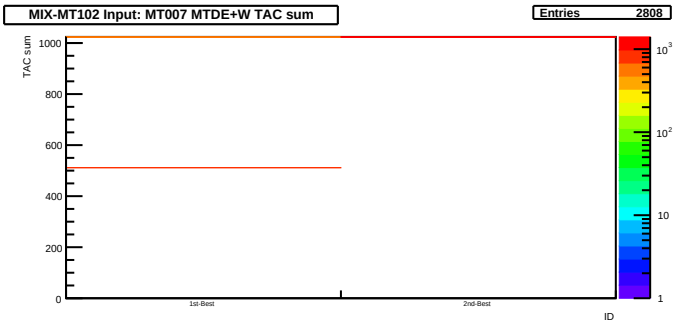

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 2808
TAC sum
1st-Best
2nd-Best
ID

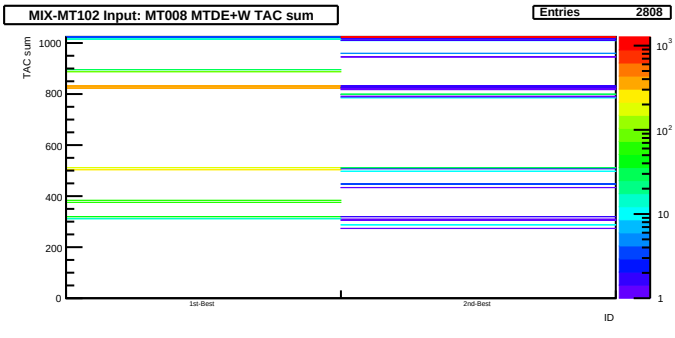

MIX-MT101 Input: VP003 Max TAC
Entries 1404

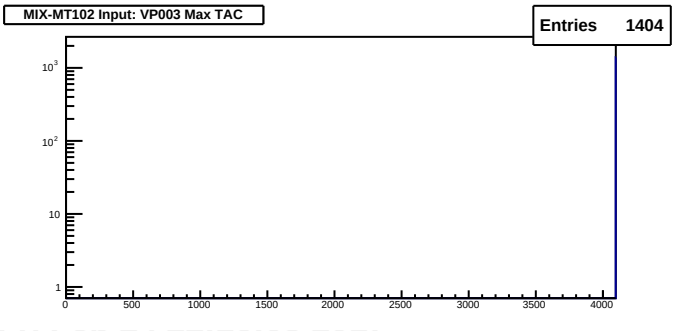

MIX-MT101 Input: VP004 Max TAC
Entries 1404

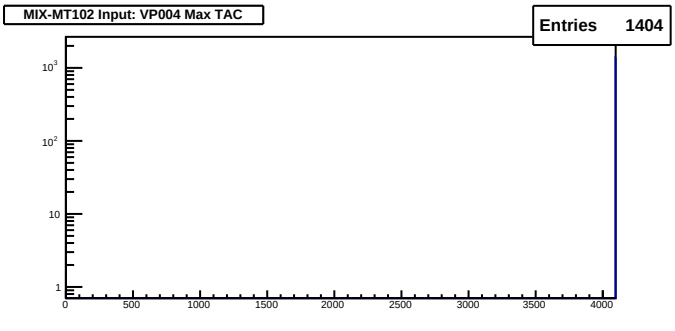

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 2808
TAC sum
1st-Best
2nd-Best
ID

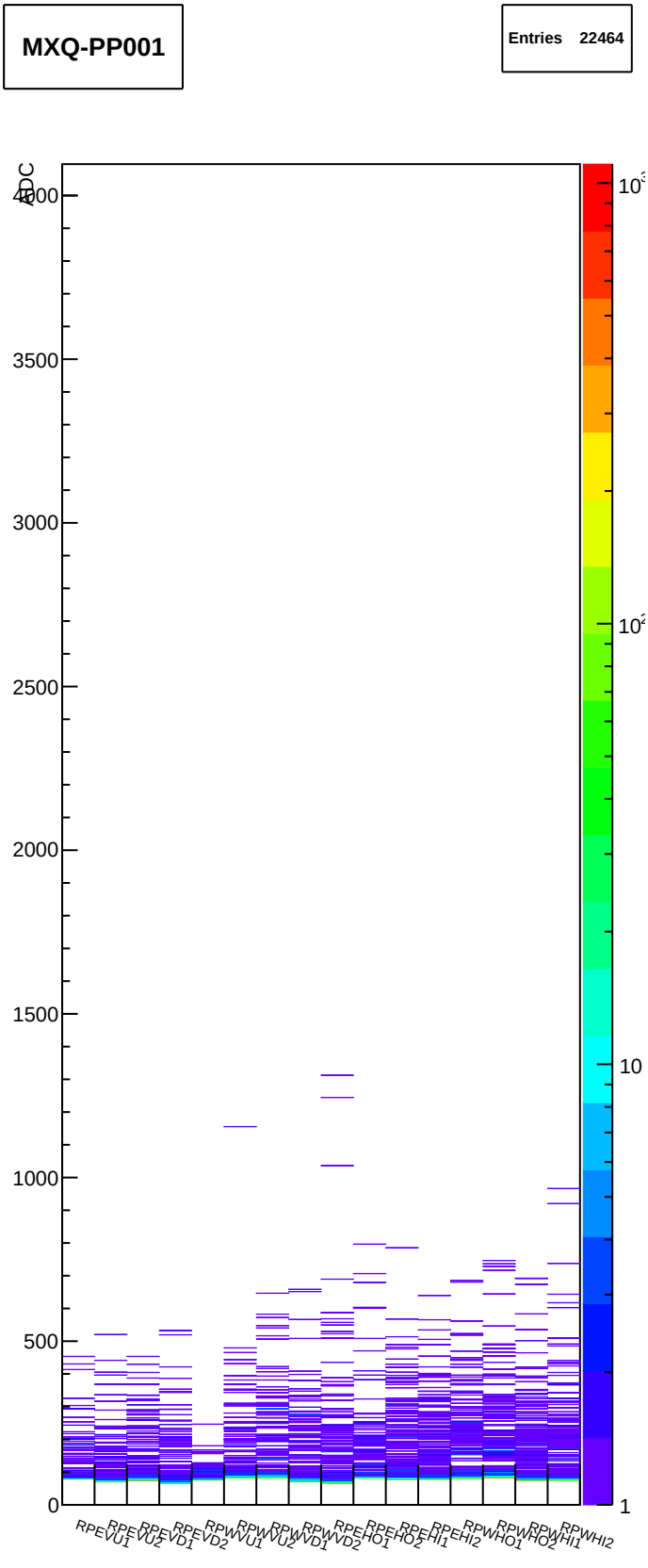

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 2808
TAC sum
1st-Best
2nd-Best
ID

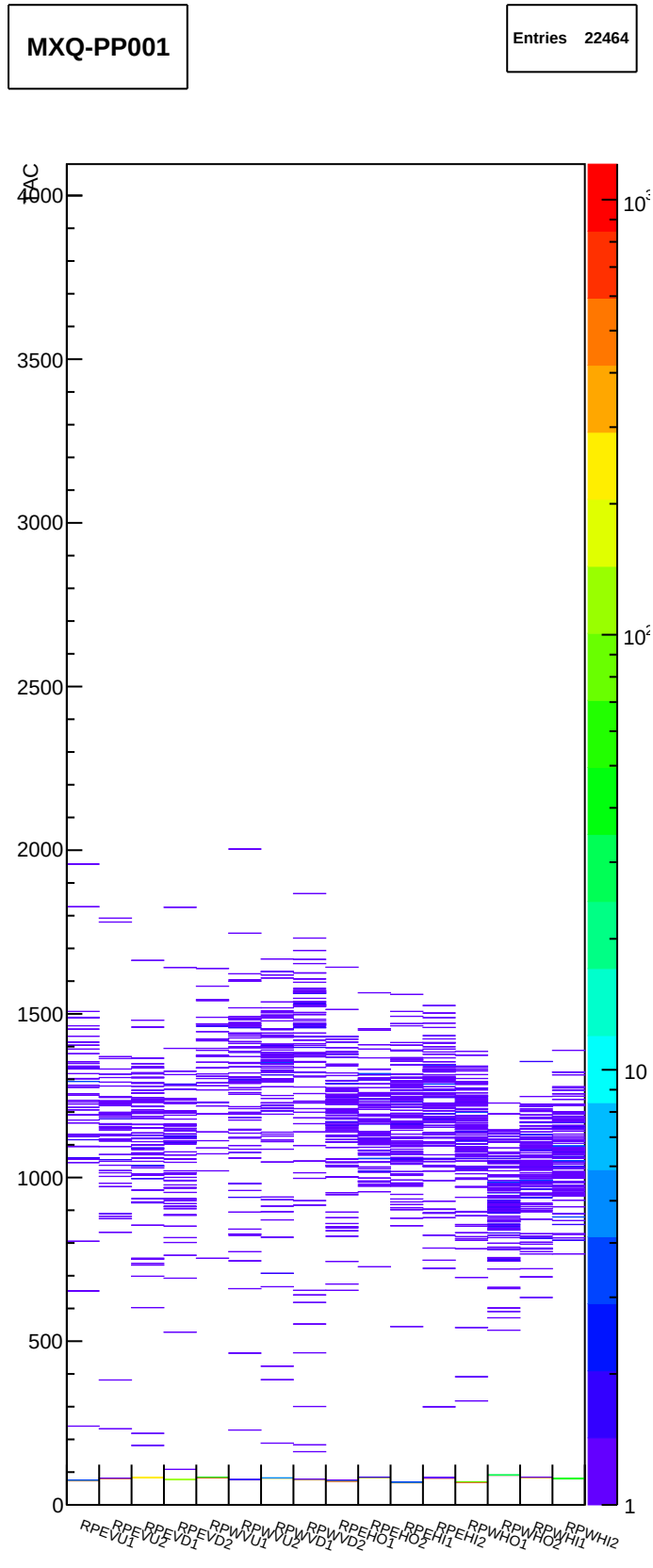

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 2808
TAC sum
1st-Best
2nd-Best
ID

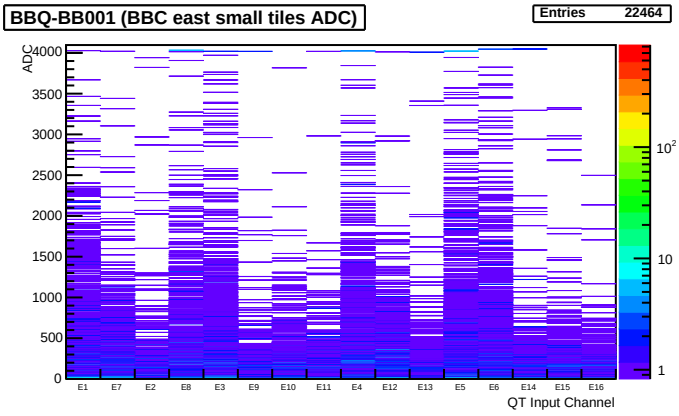

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 2808
TAC sum
1st-Best
2nd-Best
ID

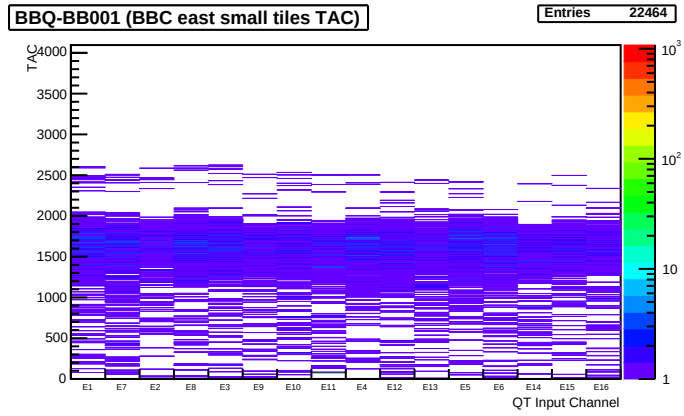

MIX-MT102 Input: VP003 Max TAC
Entries 1404

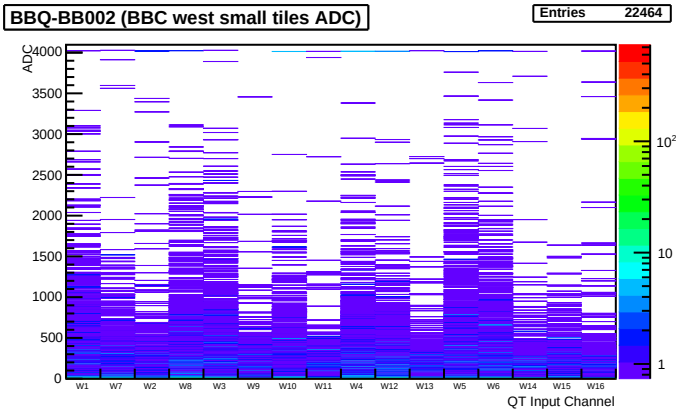

MIX-MT102 Input: VP004 Max TAC
Entries 1404

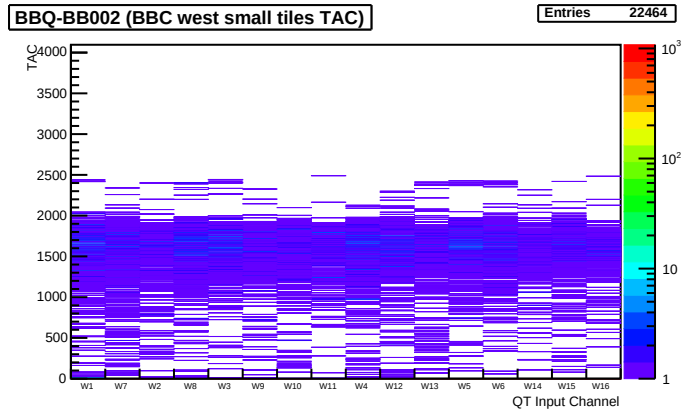

MXQ-PP001
Entries 22464
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

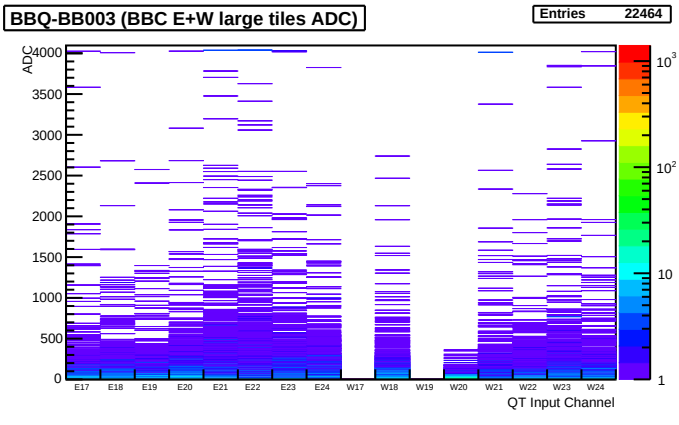

MXQ-PP001
Entries 22464
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

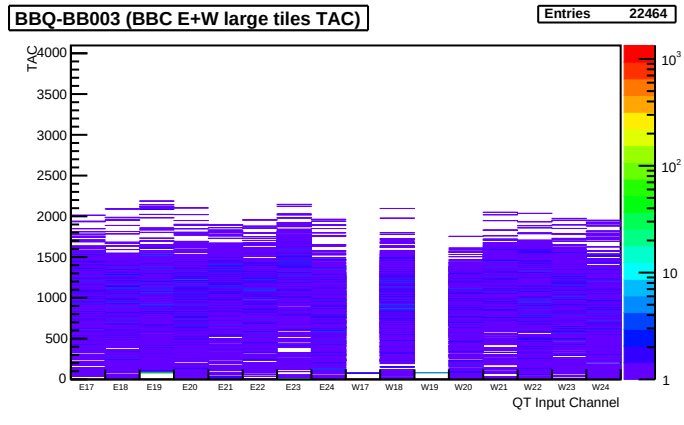

BBQ-BB001 (BBC east small tiles ADC)
Entries 22464
ADC
QT Input Channel

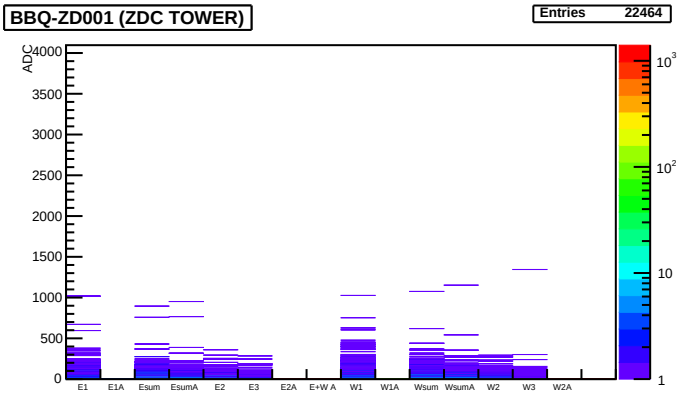

BBQ-BB001 (BBC east small tiles TAC)
Entries 22464
TAC
QT Input Channel

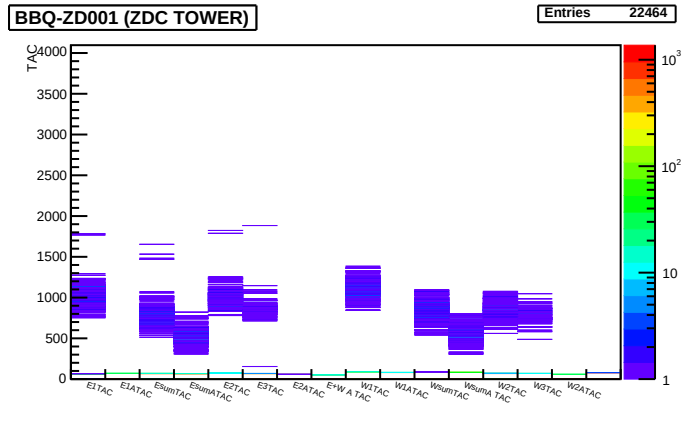

BBQ-BB002 (BBC west small tiles ADC)
Entries 22464
ADC
QT Input Channel

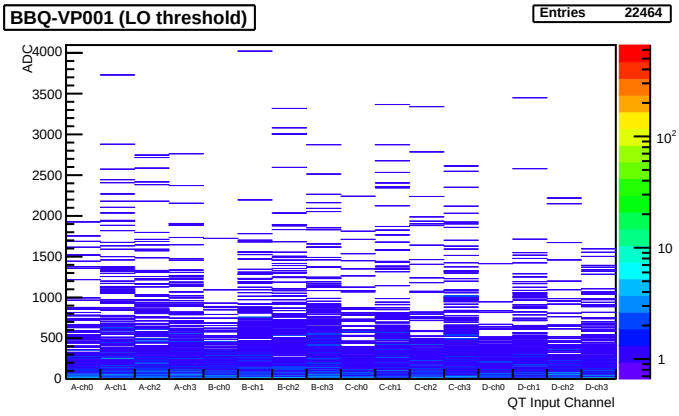

BBQ-BB002 (BBC west small tiles TAC)
Entries 22464
TAC
QT Input Channel

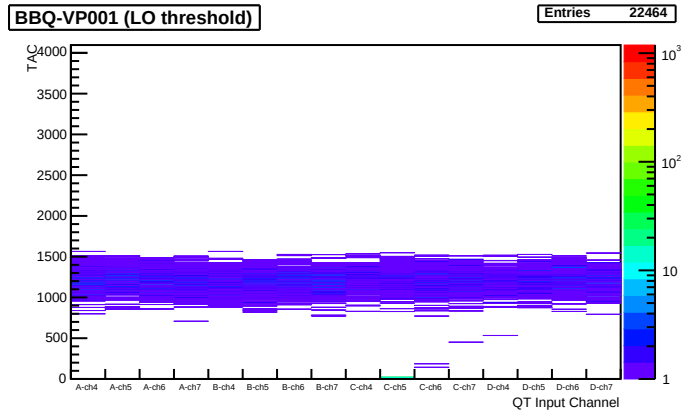

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 22464
ADC
QT Input Channel

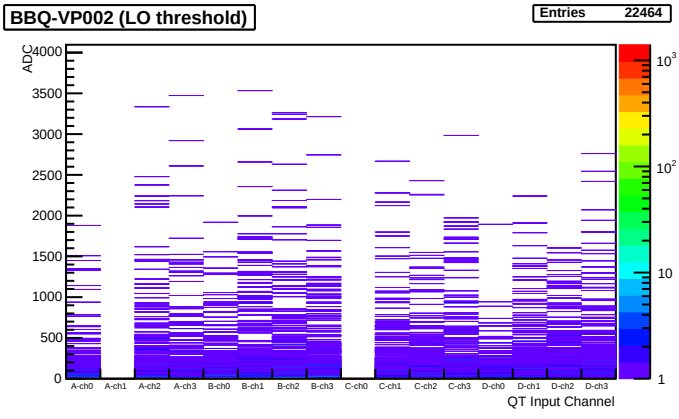

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 22464
TAC
QT Input Channel

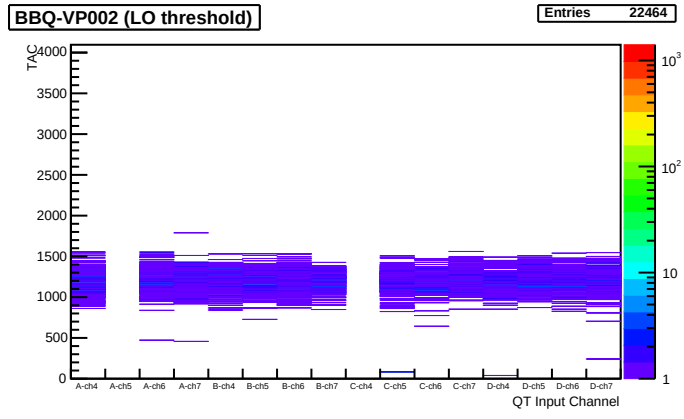

BBQ-ZD001 (ZDC TOWER)
Entries 22464
ADC

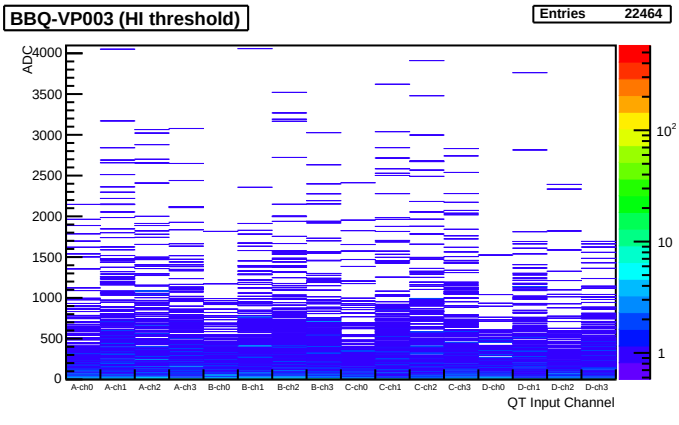

BBQ-ZD001 (ZDC TOWER)
Entries 22464
TAC

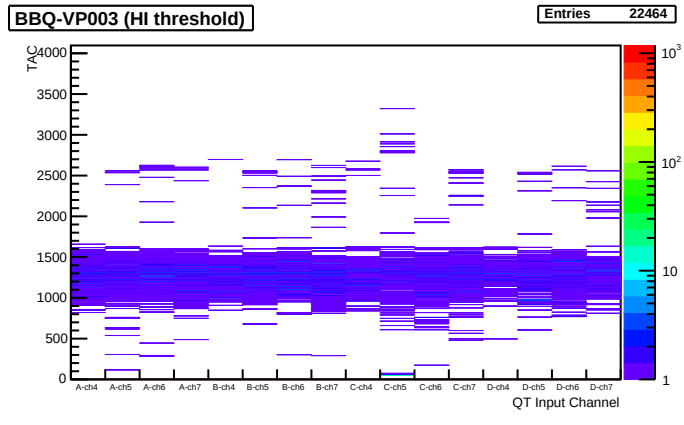

BBQ-VP001 (LO threshold)
Entries 22464
ADC
QT Input Channel

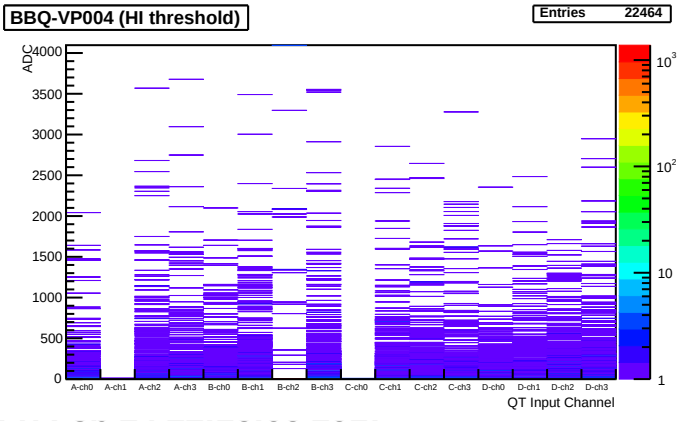

BBQ-VP001 (LO threshold)
Entries 22464
TAC
QT Input Channel

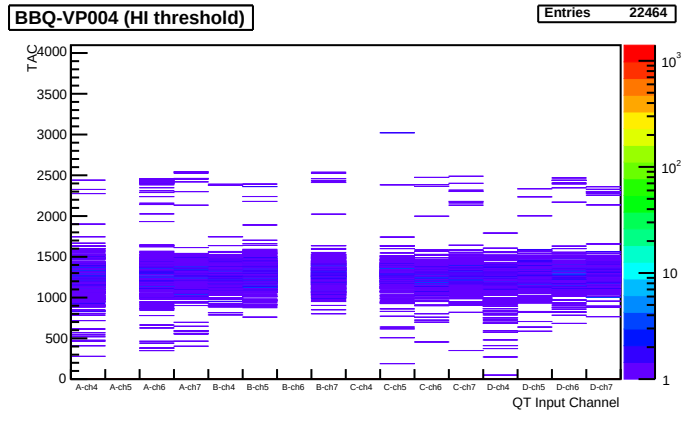

BBQ-VP002 (LO threshold)
Entries 22464
ADC
QT Input Channel

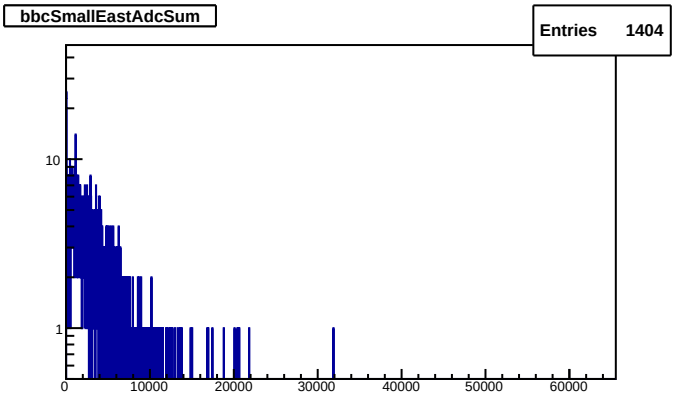

BBQ-VP002 (LO threshold)
Entries 22464
TAC
QT Input Channel

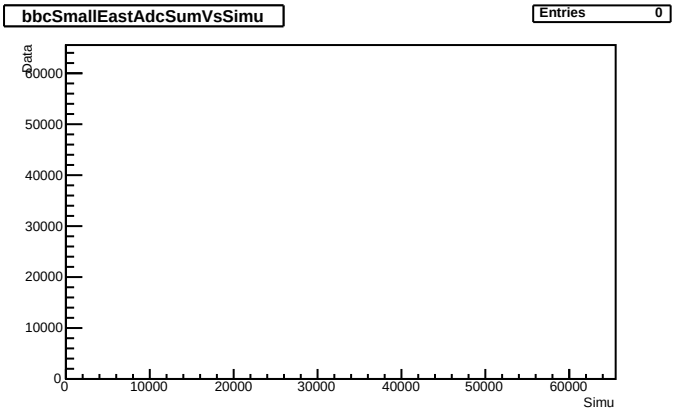

BBQ-VP003 (HI threshold)
Entries 22464
ADC
QT Input Channel

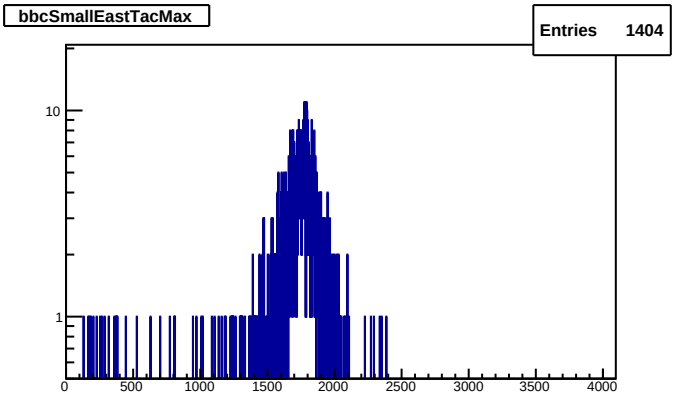

BBQ-VP003 (HI threshold)
Entries 22464
TAC
QT Input Channel

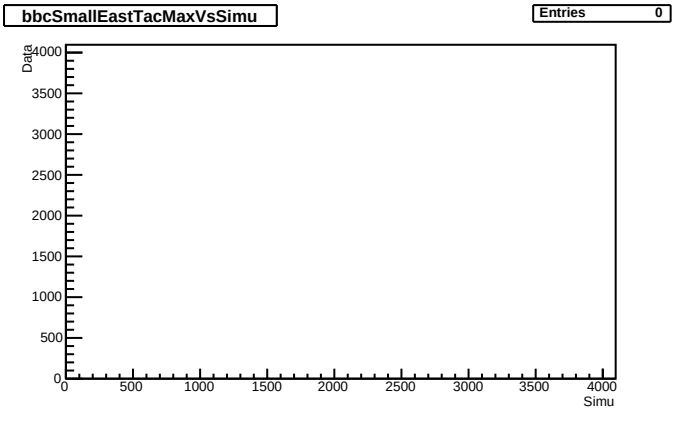

BBQ-VP004 (HI threshold)
Entries 22464
ADC
QT Input Channel

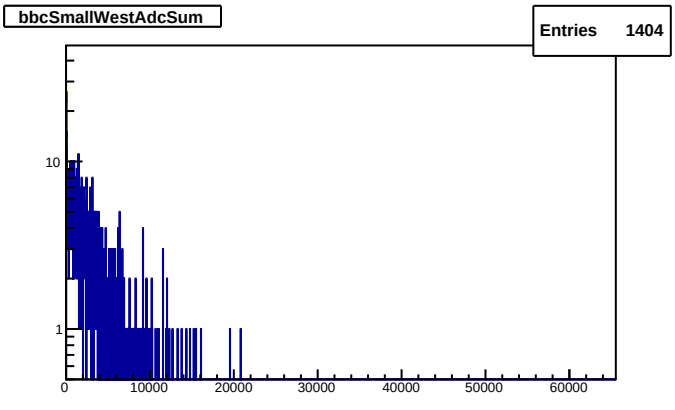

BBQ-VP004 (HI threshold)
Entries 22464
TAC
QT Input Channel

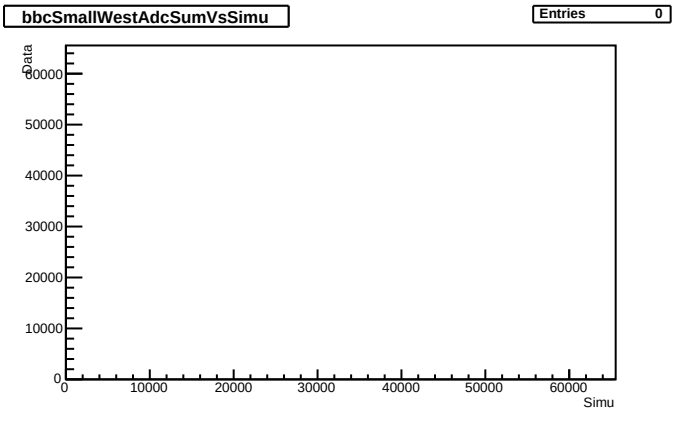

bbcSmallEastAdcSum
Entries 1404
10
1
0
10000
20000
30000
40000
50000
60000

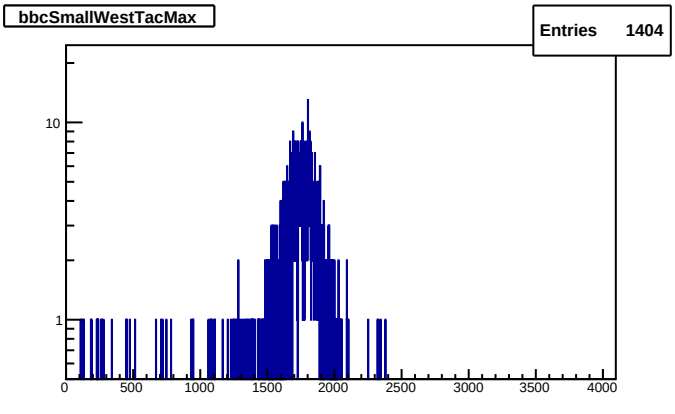

bbcSmallEastAdcSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
10000
20000
30000
40000
50000
60000
Simu

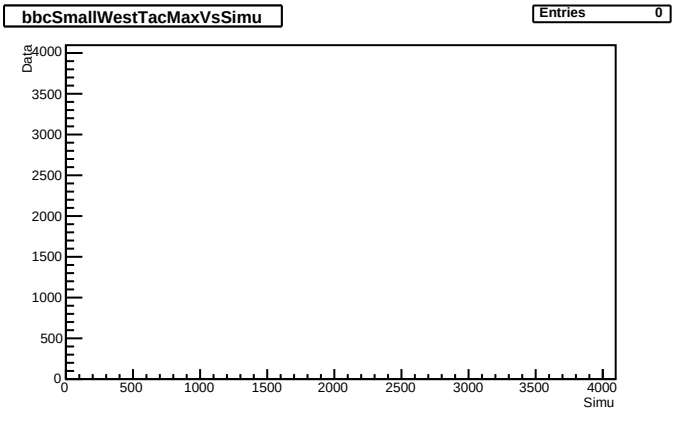

bbcSmallEastTacMax
Entries 1404
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

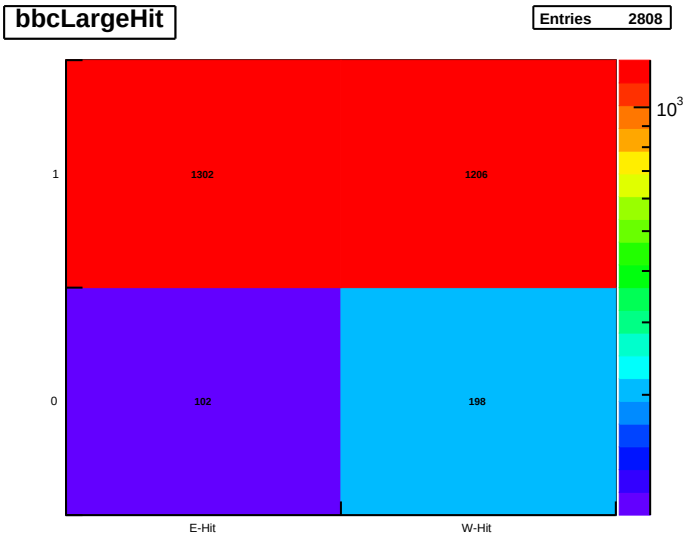

bbcSmallEastTacMaxVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
500
1000
1500
2000
2500
3000
3500
4000
Simu

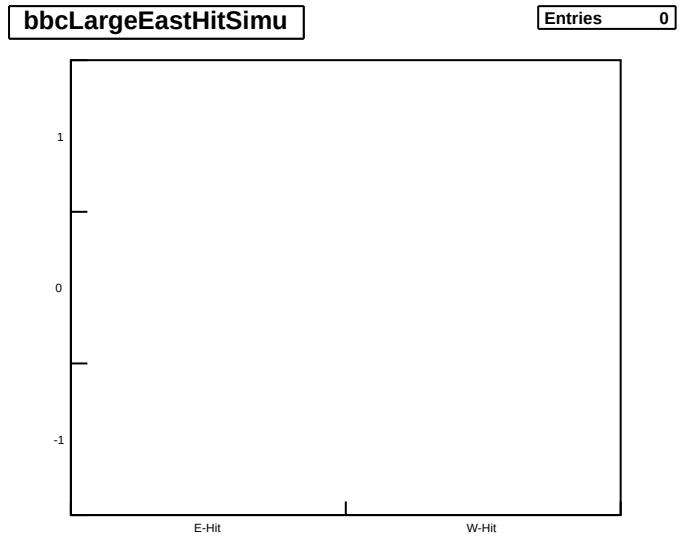

bbcSmallWestAdcSum
Entries 1404
10
1
0
10000
20000
30000
40000
50000
60000

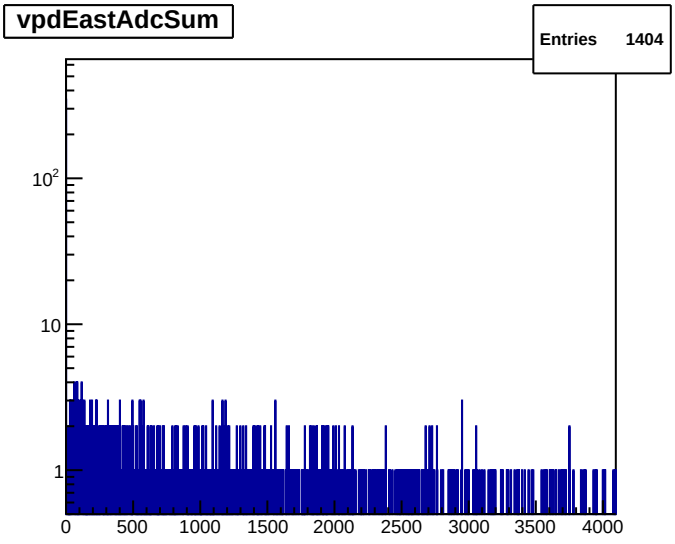

bbcSmallWestAdcSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
10000
20000
30000
40000
50000
60000
Simu

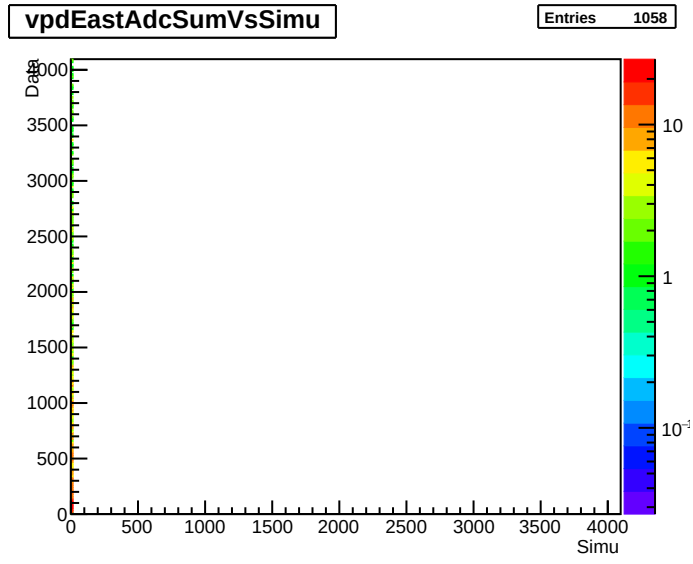

bbcSmallWestTacMax
Entries 1404
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

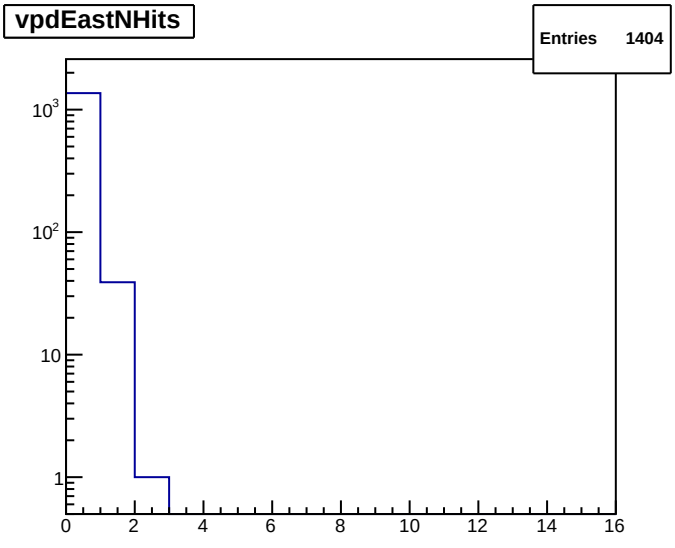

bbcSmallWestTacMaxVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
500
1000
1500
2000
2500
3000
3500
4000
Simu

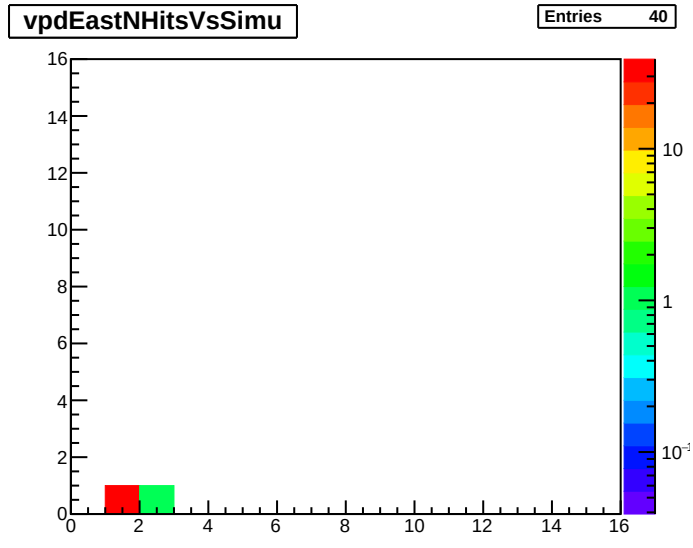

bbcLargeHit
Entries 2808
1302
1206
102
198
1
0
E-Hit
W-Hit
10^3

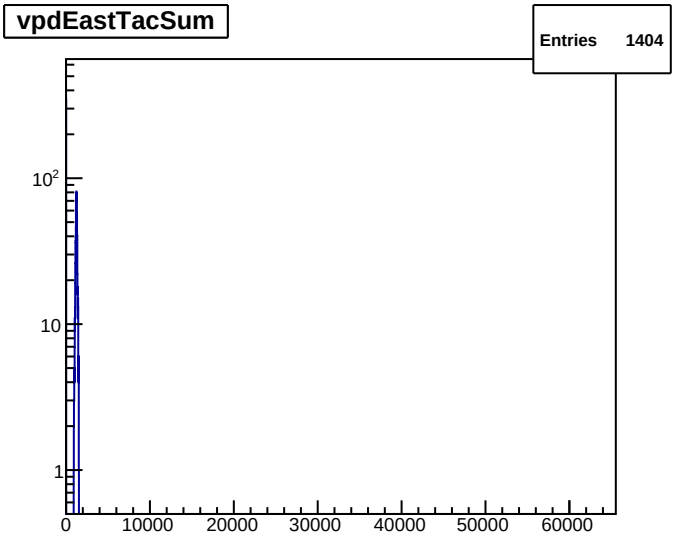

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

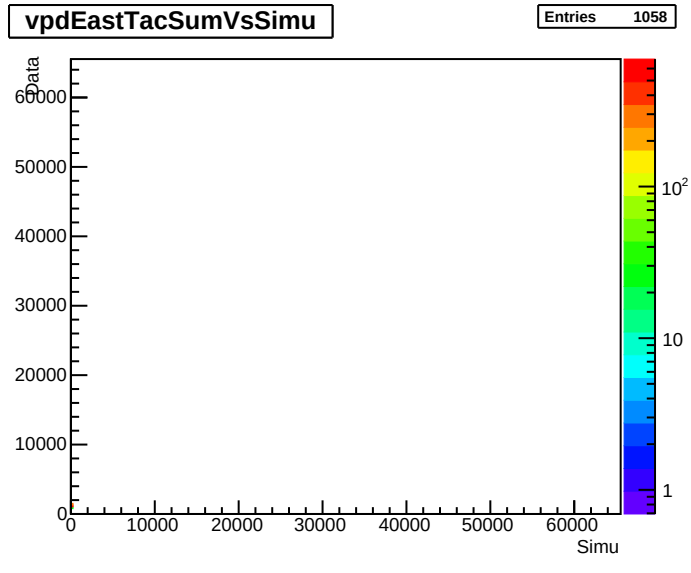

vpdEastAdcSum
Entries 1404

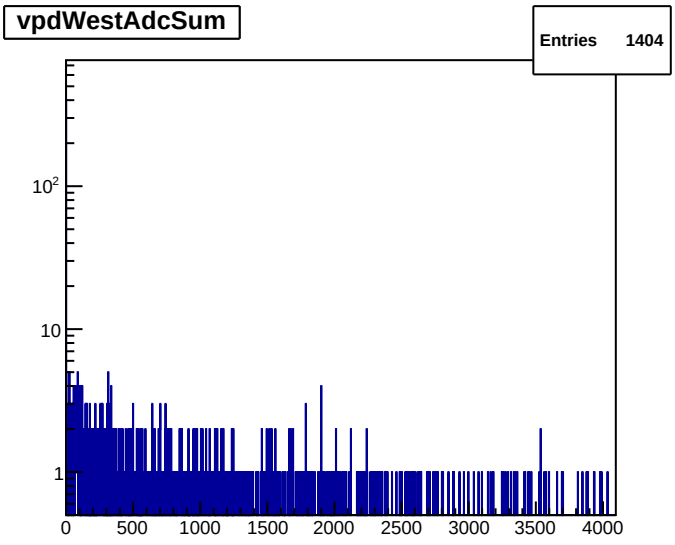

vpdEastAdcSumVsSimu
Entries 1058
Data
Simu

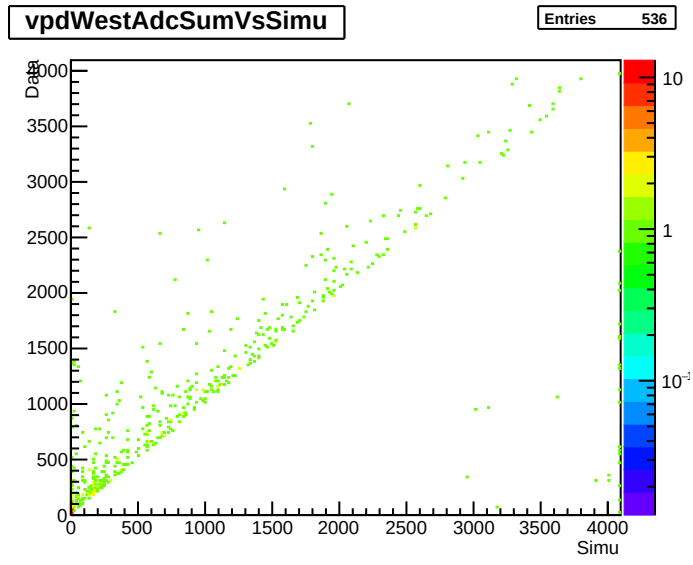

vpdEastNHits
Entries 1404

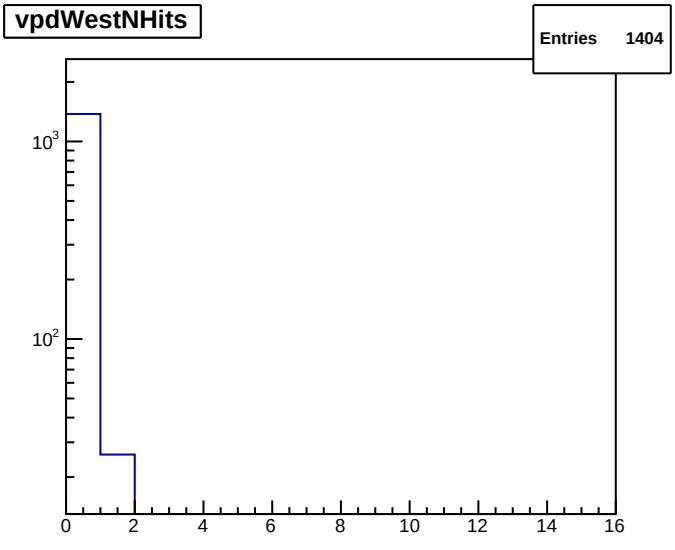

vpdEastNHitsVsSimu
Entries 40

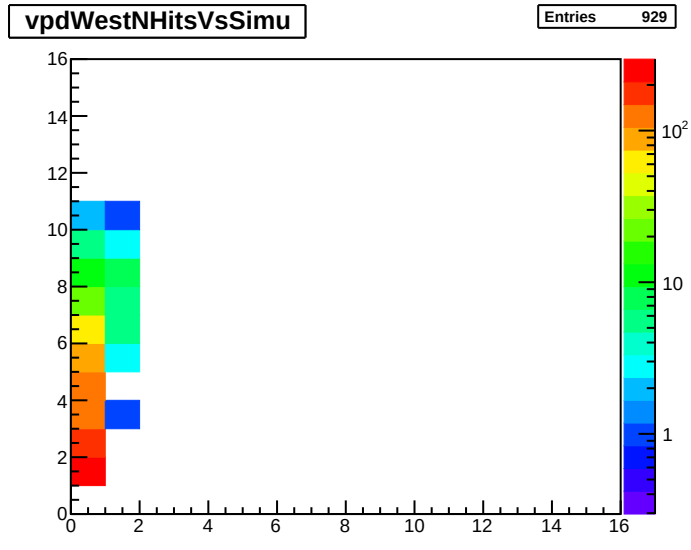

vpdEastTacSum
Entries 1404

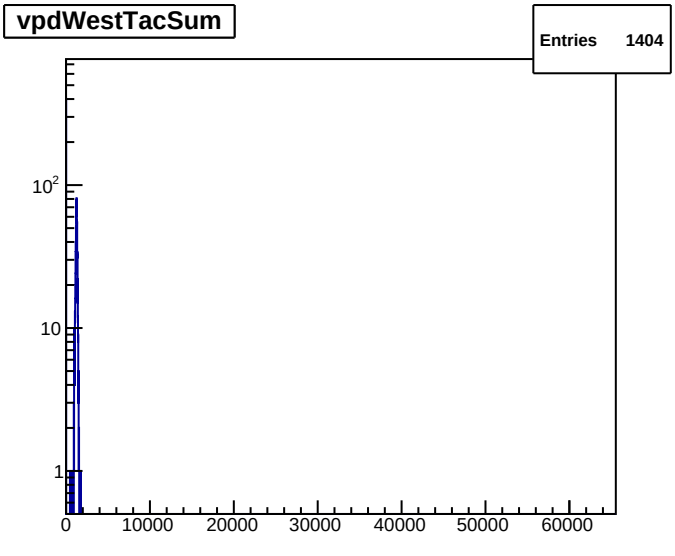

vpdEastTacSumVsSimu
Entries 1058
Data
Simu

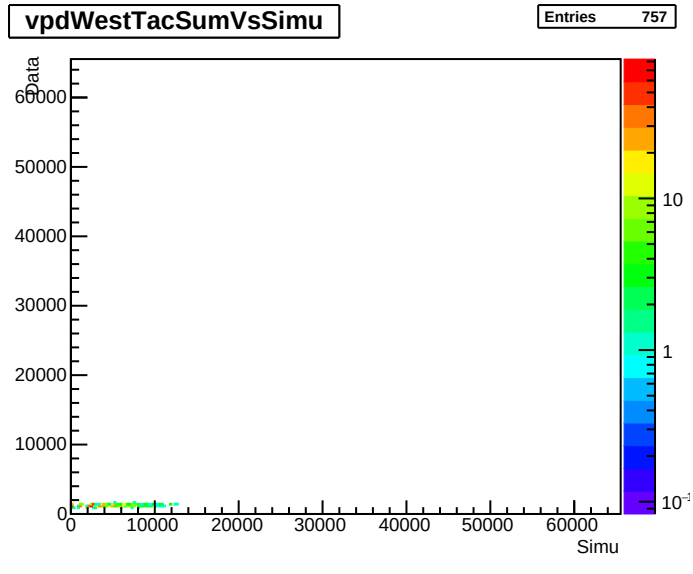

vpdWestAdcSum
Entries 1404

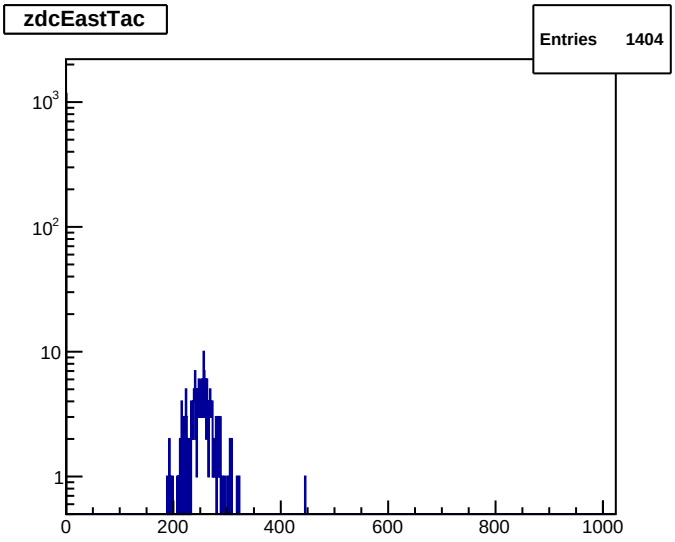

vpdWestAdcSumVsSimu
Entries 536
Data
Simu

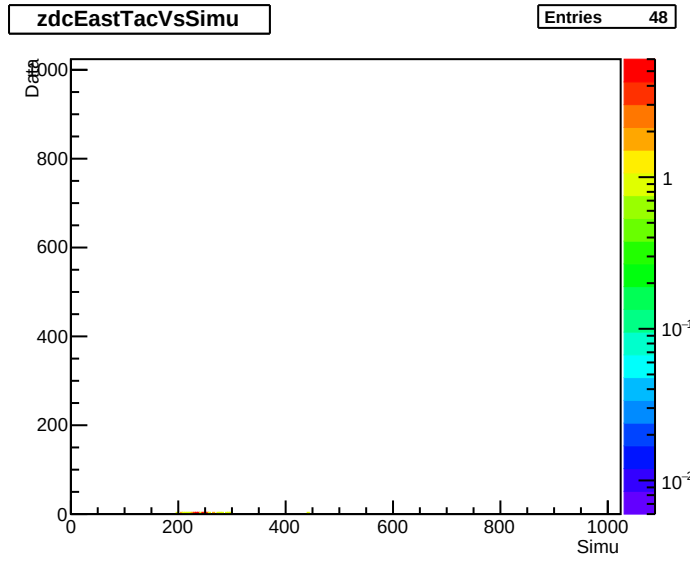

vpdWestNHits
Entries 1404

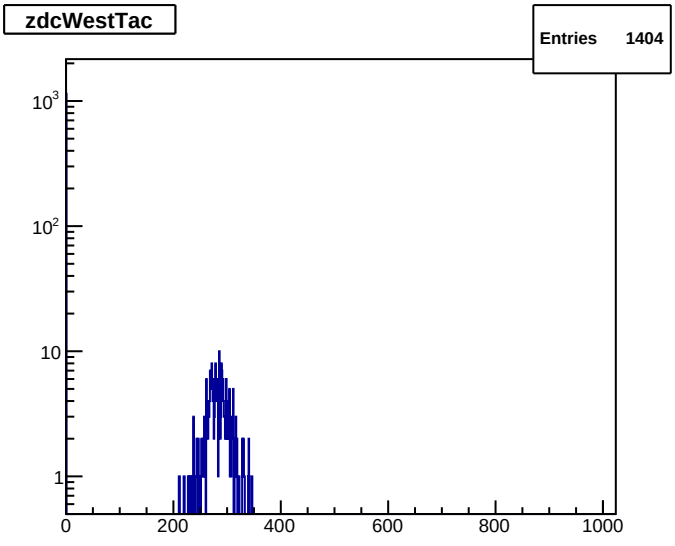

vpdWestNHitsVsSimu
Entries 929

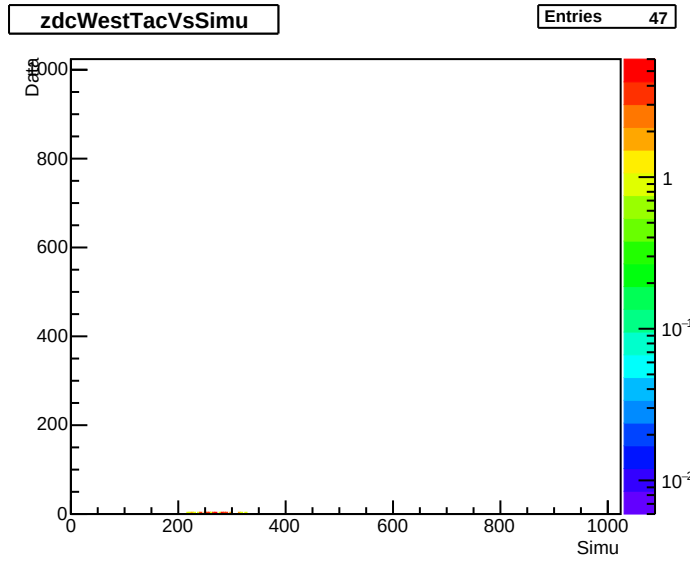

vpdWestTacSum
Entries 1404

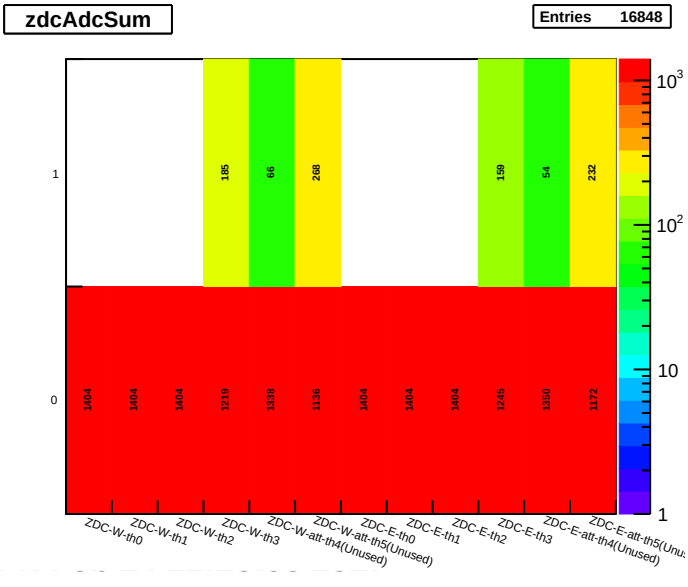

vpdWestTacSumVsSimu
Entries 757
Data
Simu

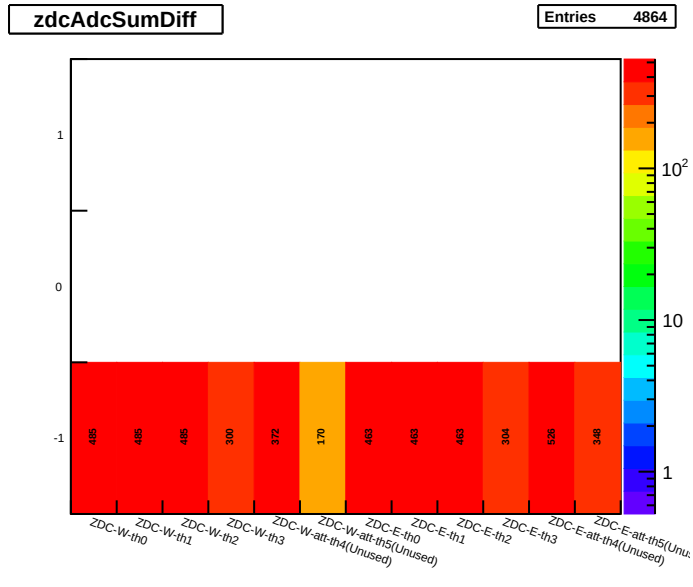

zdcEastTac
Entries 1404

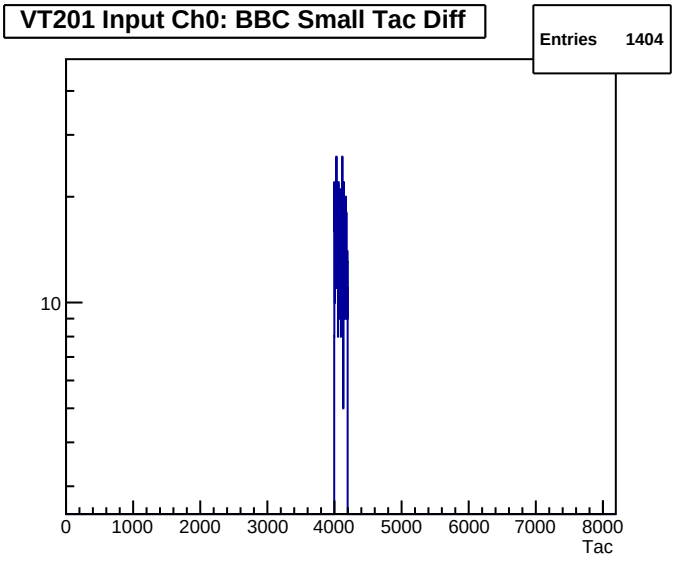

zdcEastTacVsSimu
Entries 48
Data
Simu

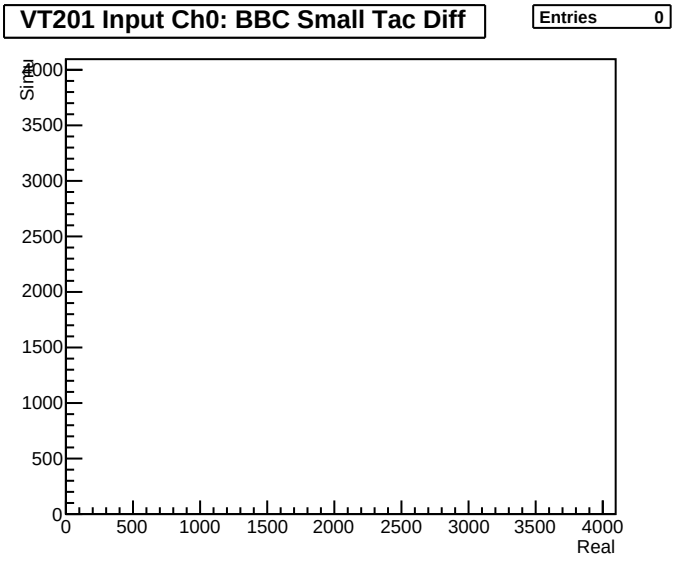

zdcWestTac
Entries 1404

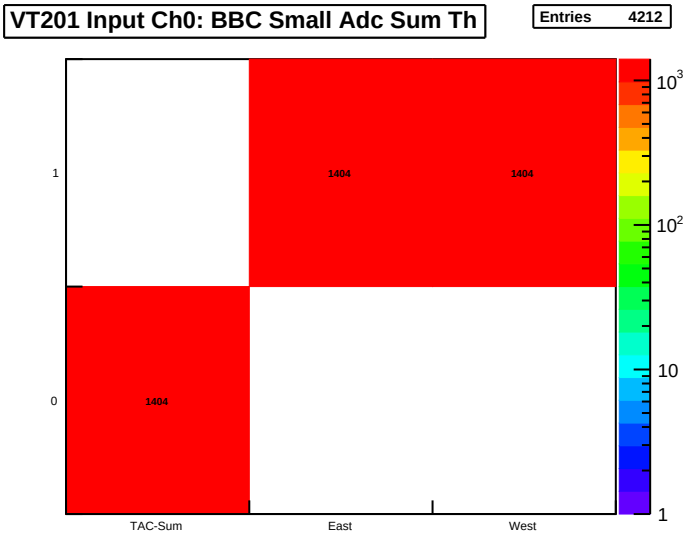

zdcWestTacVsSimu
Entries 47
Data
Simu

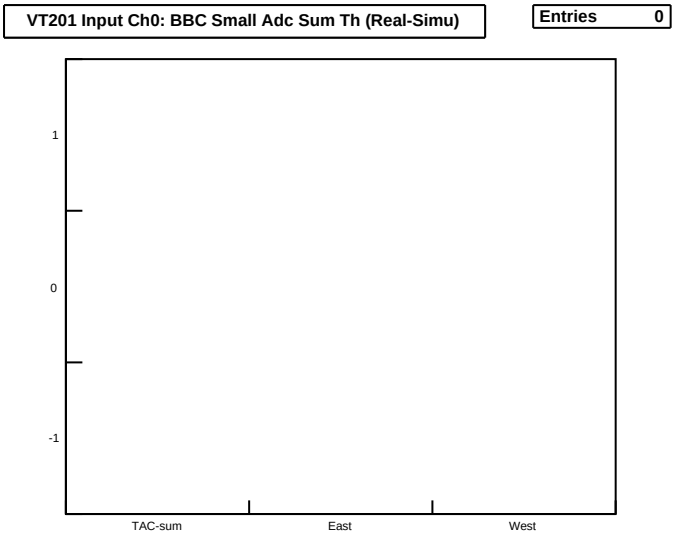

zdcAdcSum
Entries 16848
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

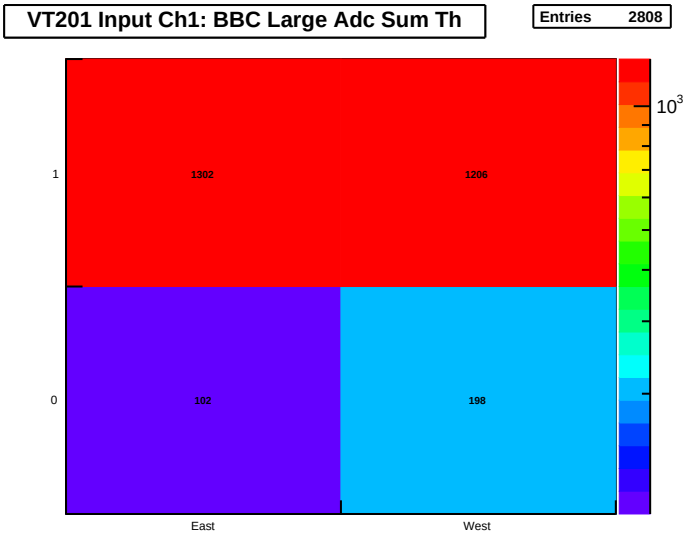

zdcAdcSumDiff
Entries 4864
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

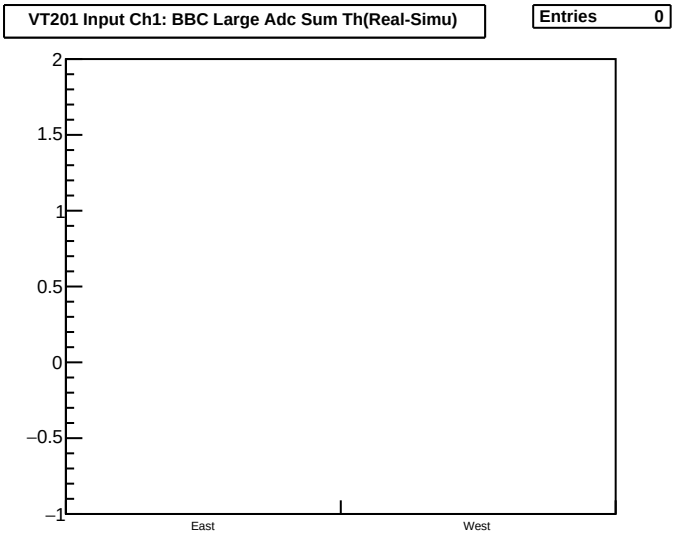

VT201 Input Ch0: BBC Small Tac Diff
Entries 1404
10
0 1000 2000 3000 4000 5000 6000 7000 8000
Tac


VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Real

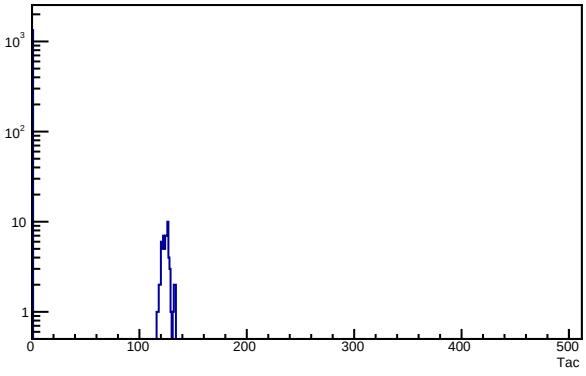

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 4212
1
0
1404
1404
1404
TAC-Sum
East
West
10^3
10^2
10
1


VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
1
0
-1
TAC-sum
East
West

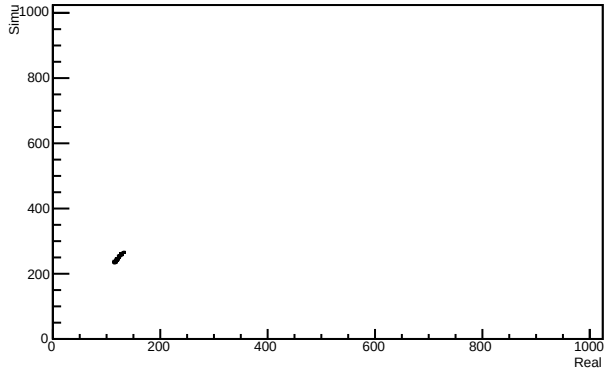

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 2808
1
0
1302
1206
102
198
East
West
10^3


VT201 Input Ch1: BBC Large Adc Sum Th(Real-Simu)
Entries 0
2
1.5
1
0.5
0
−0.5
−1
East
West

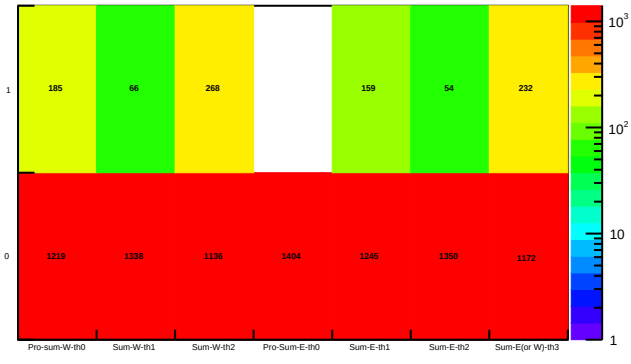
VT201 Input Ch2: ZDC Tac Diff



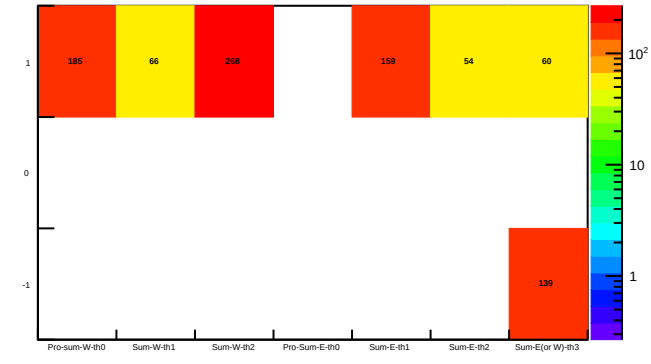
VT201 Input Ch2: ZDC Tac Diff



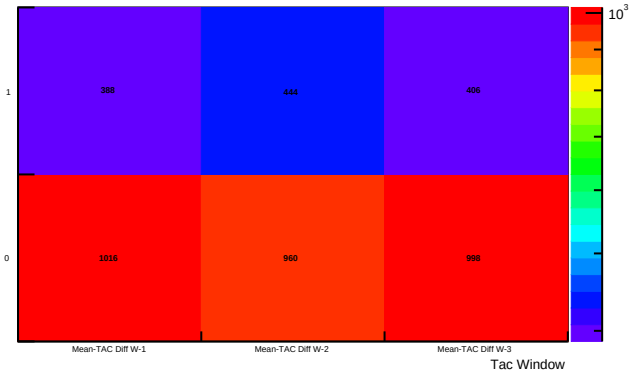
VT201 Input Ch2: ZDC Adc Sum Th



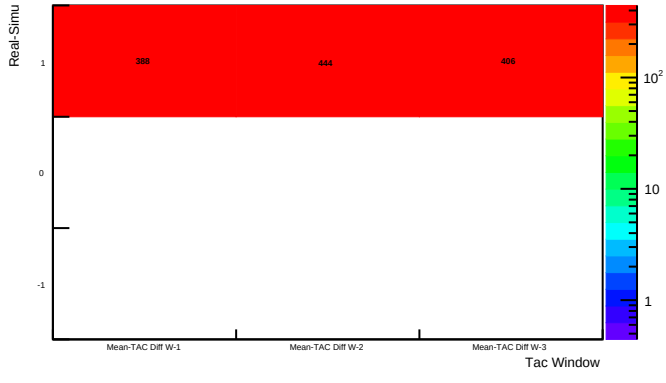
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



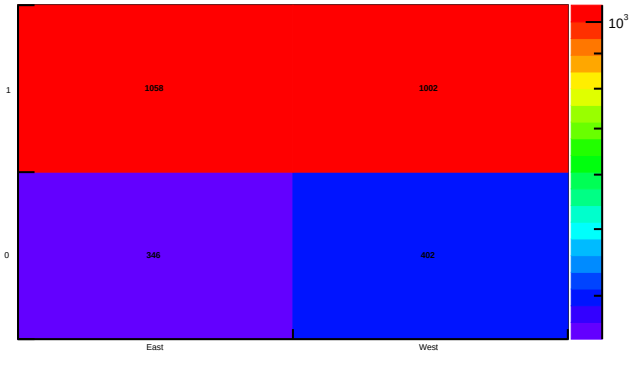
VT201 Input Ch4: VPD Tac Diff



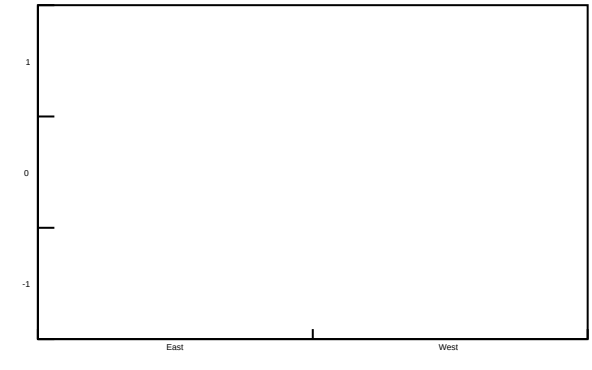
VT201 Input Ch4: VPD Tac Diff

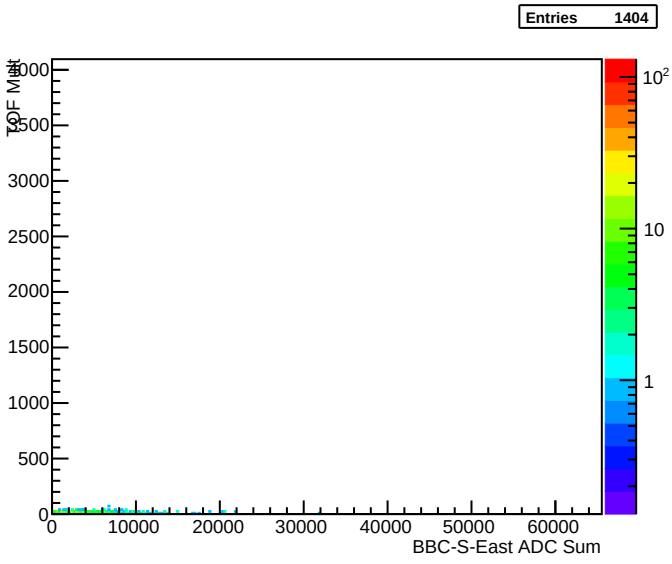


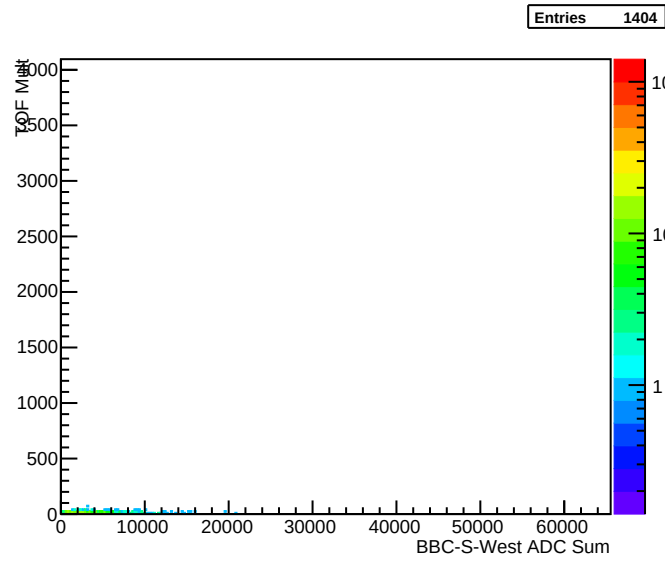
VT201 Input Ch4: VPD Adc Sum Th

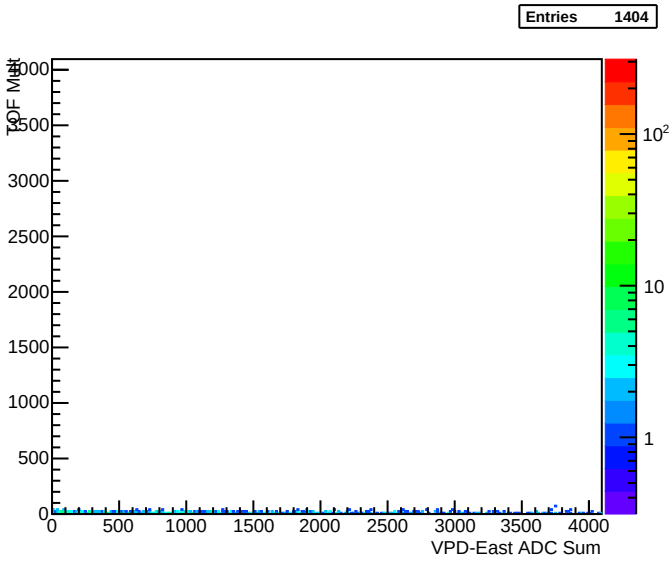


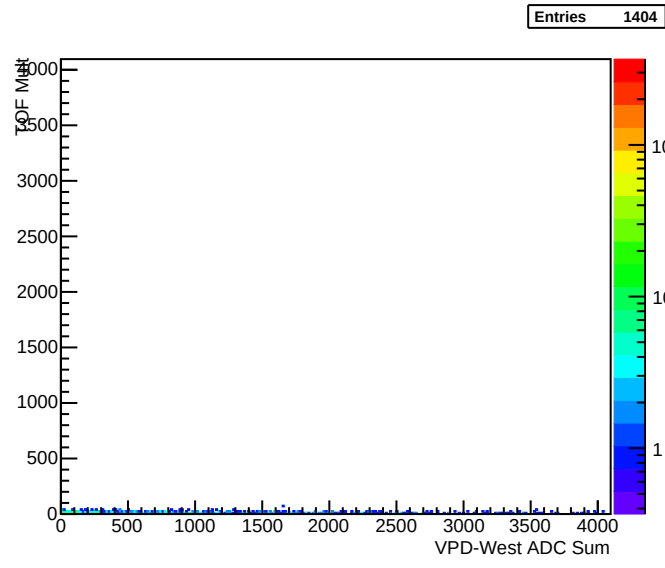
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

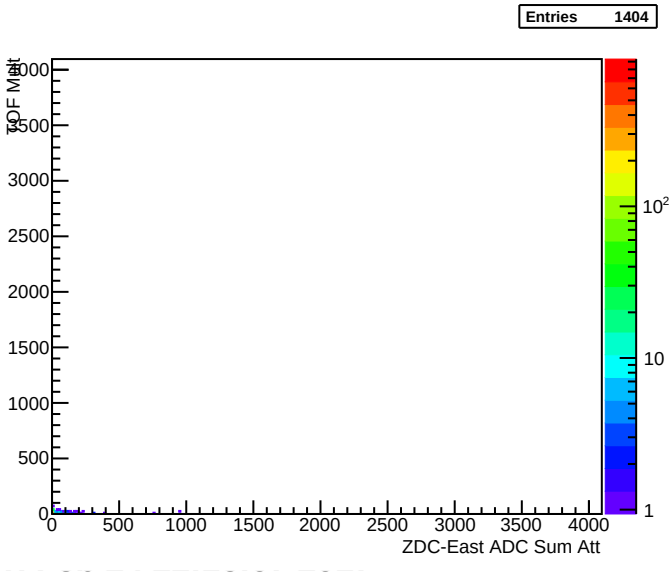


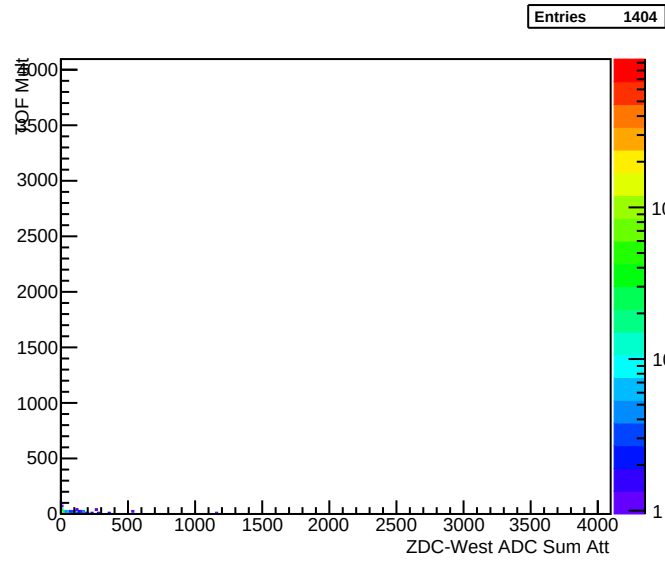

Entries 1404
TOF Mult
BBC-S-East ADC Sum

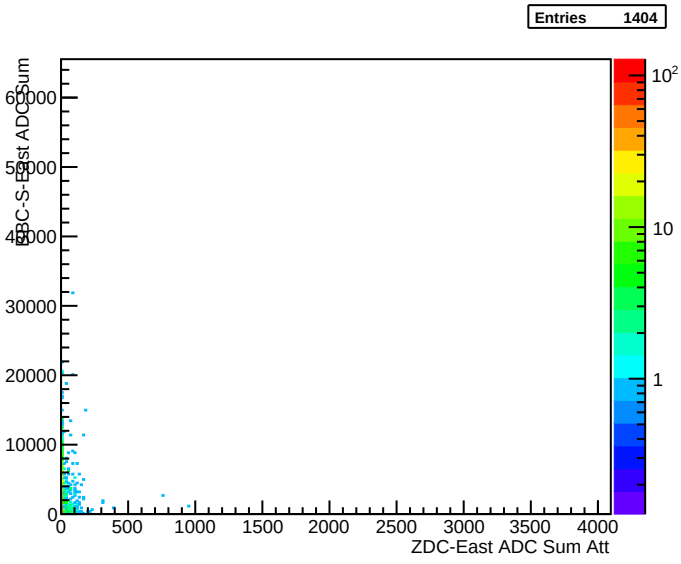

Entries 1404
TOF Mult
BBC-S-West ADC Sum

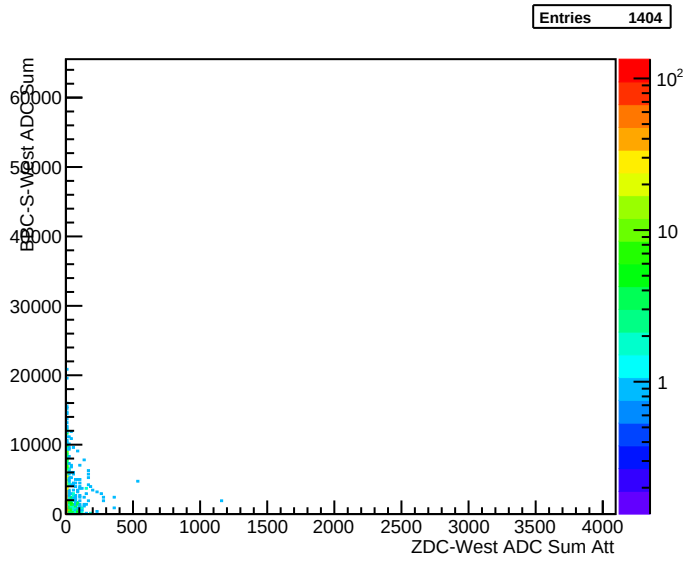

Entries 1404
TOF Mult
VPD-East ADC Sum

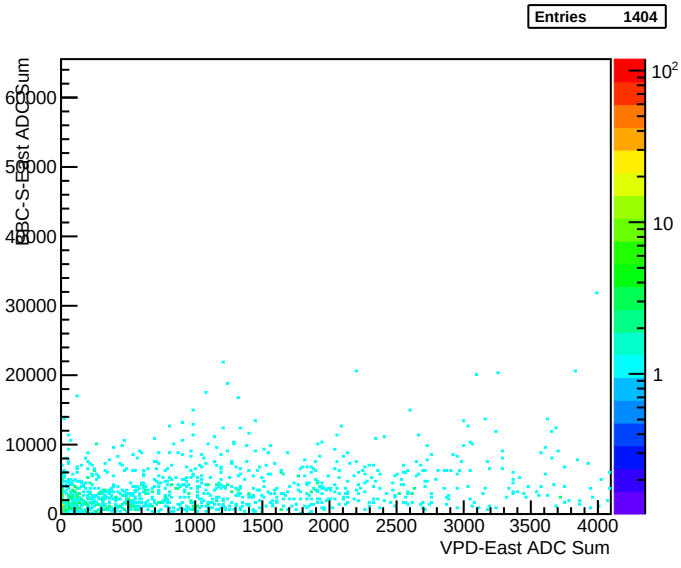

Entries 1404
TOF Mult
VPD-West ADC Sum

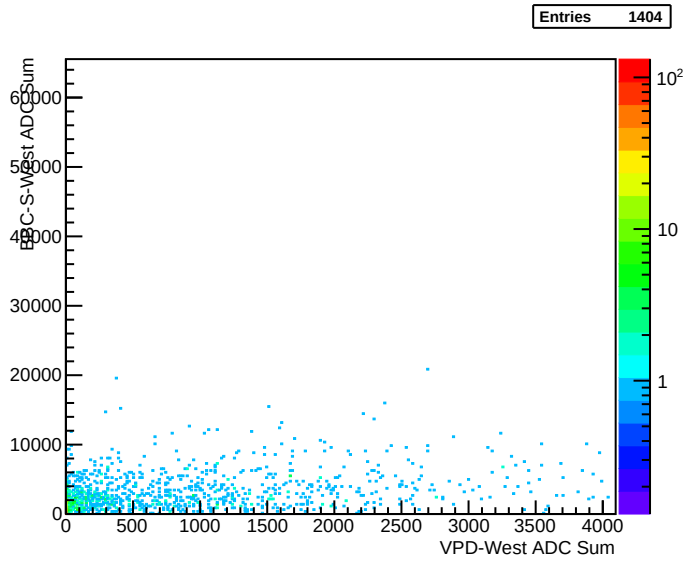

Entries 1404
TOF Mult
ZDC-East ADC Sum Att

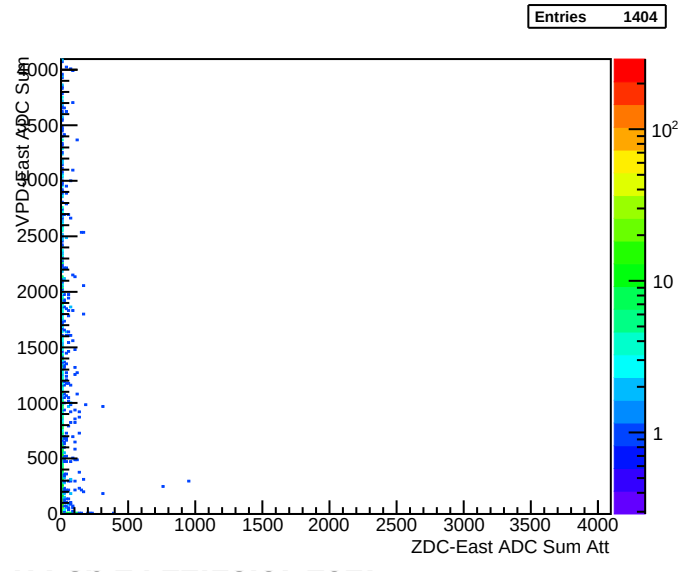

Entries 1404
TOF Mult
ZDC-West ADC Sum Att

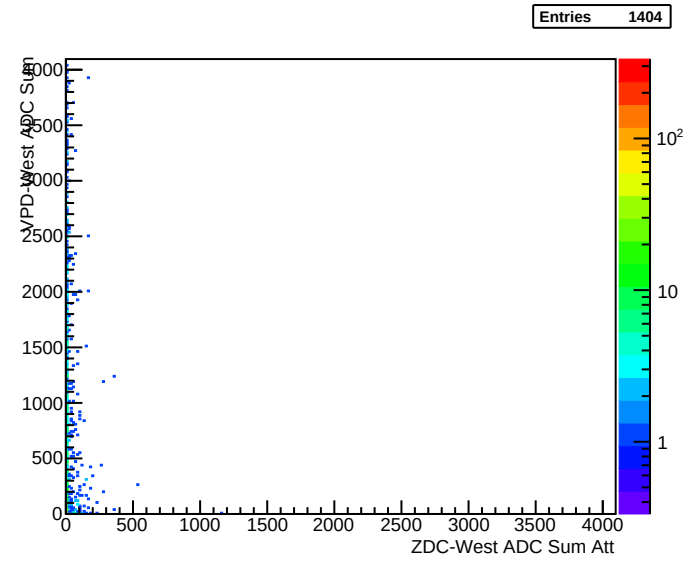

Entries 1404
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

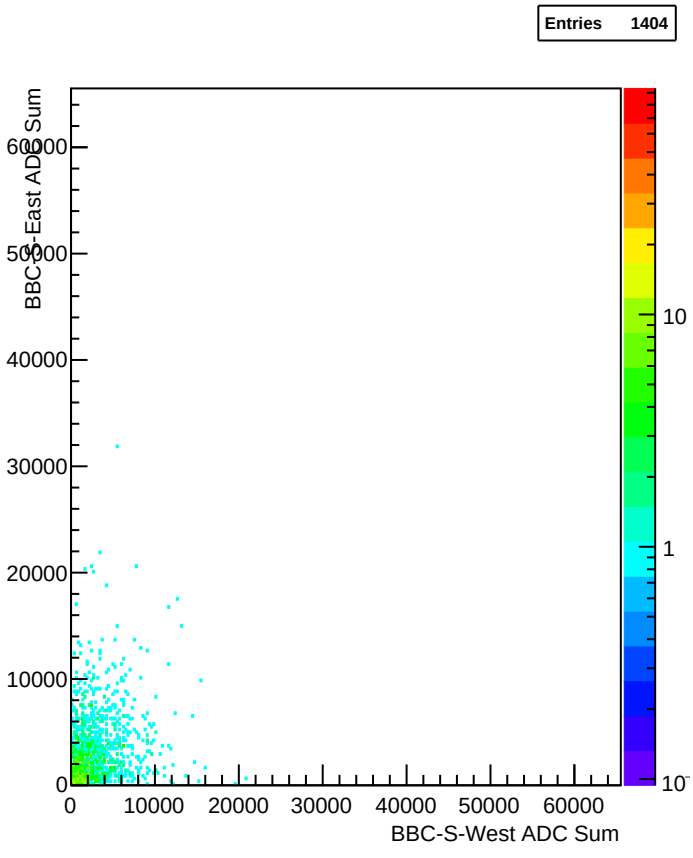

Entries 1404
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

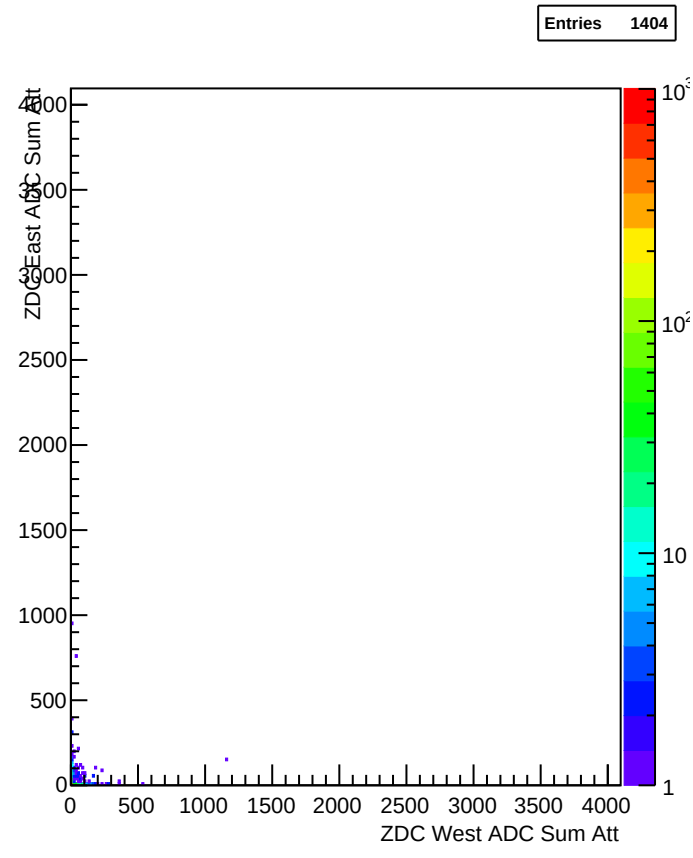

Entries 1404
BBC-S-East ADC Sum
VPD-East ADC Sum

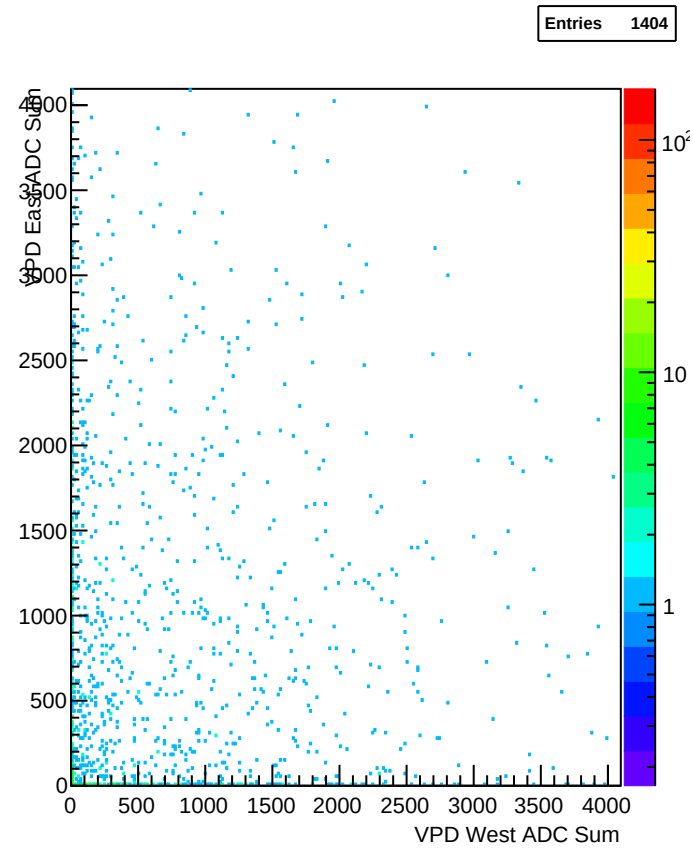

Entries 1404
BBC-S-West ADC Sum
VPD-West ADC Sum

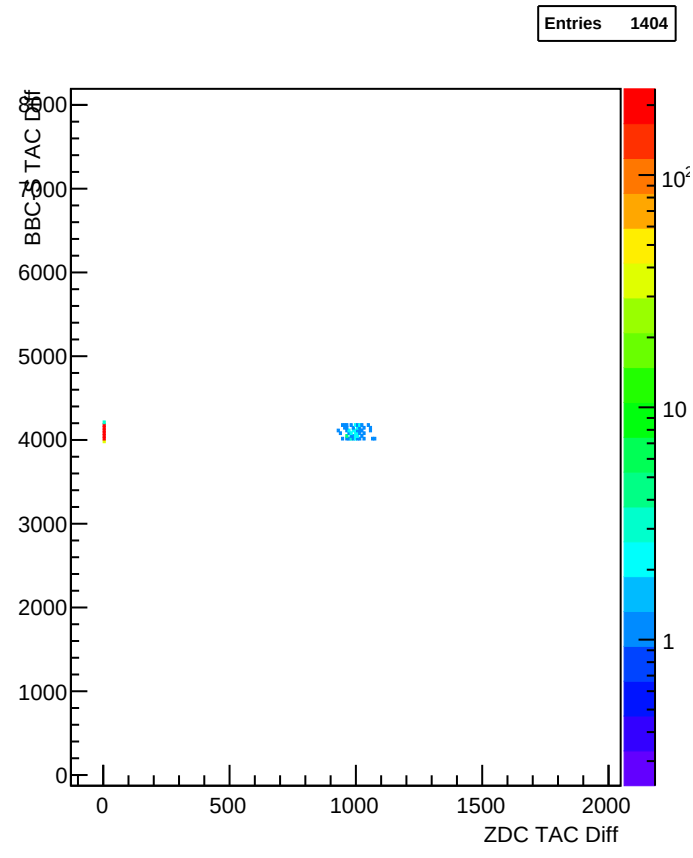

Entries 1404
VPD-East ADC Sum
ZDC-East ADC Sum Att

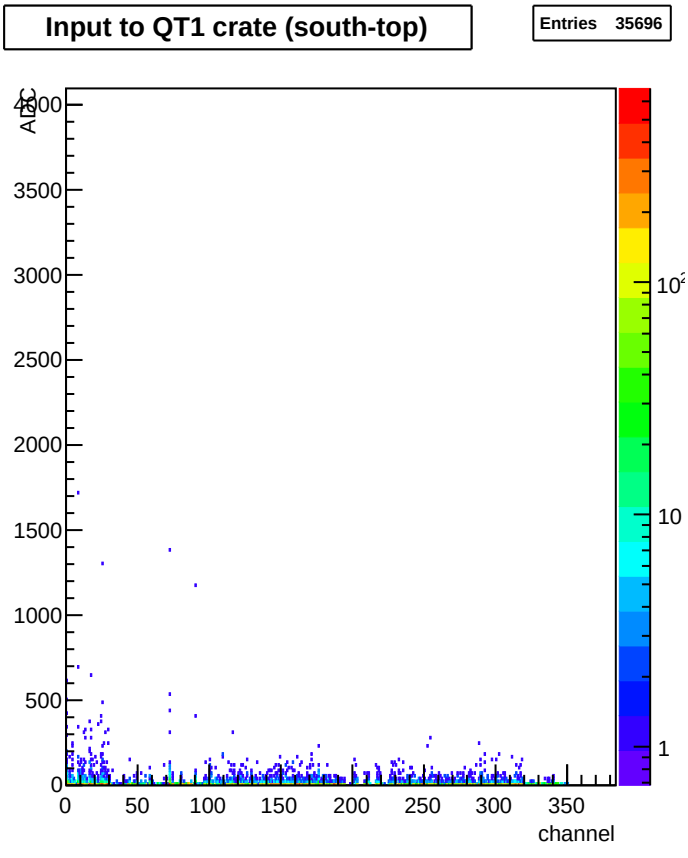

Entries 1404
VPD-West ADC Sum
ZDC-West ADC Sum Att

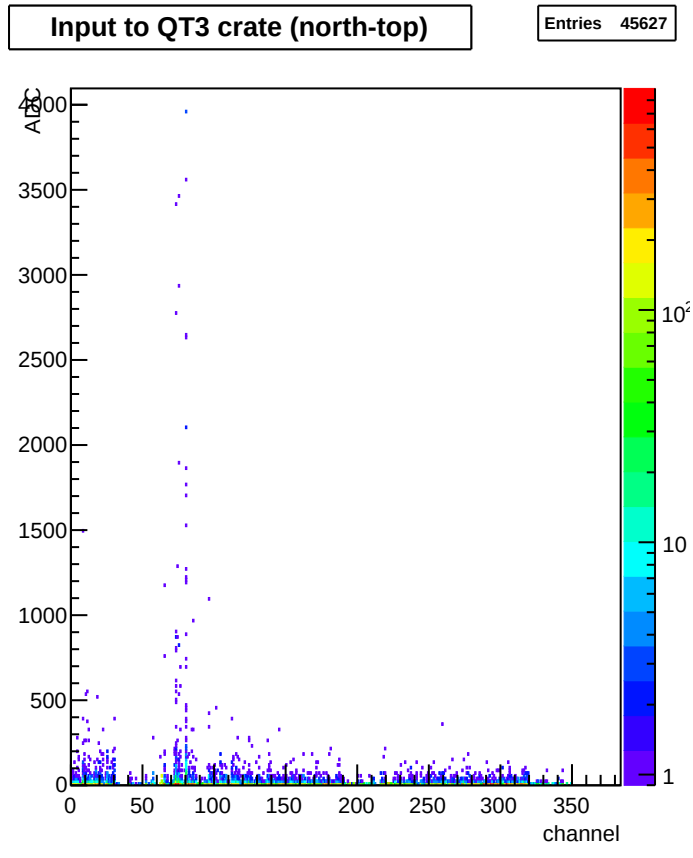

Entries 1404
BBC-S-East ADC Sum
BBC-S-West ADC Sum

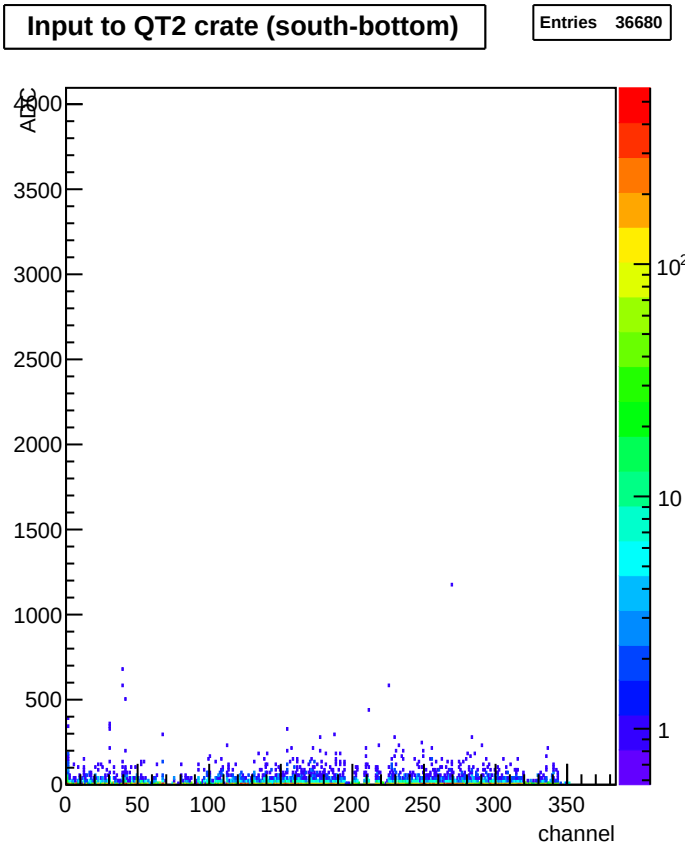

Entries 1404
ZDC East ADC Sum Att
ZDC West ADC Sum Att

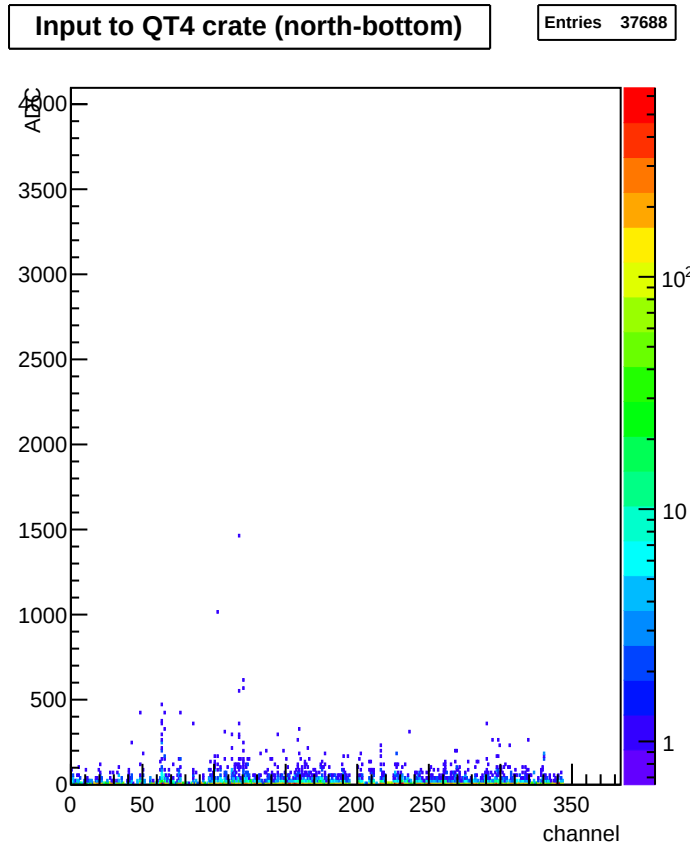

Entries 1404
VPD East ADC Sum
VPD West ADC Sum

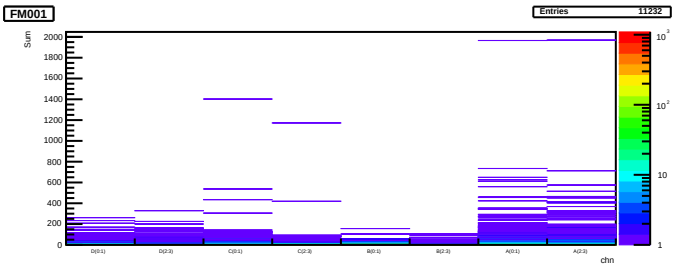

Entries 1404
BBC-S TAC Diff
ZDC TAC Diff

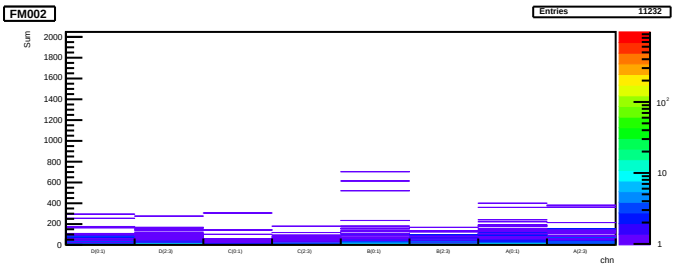

Input to QT1 crate (south-top)
Entries 35696
ADC
channel

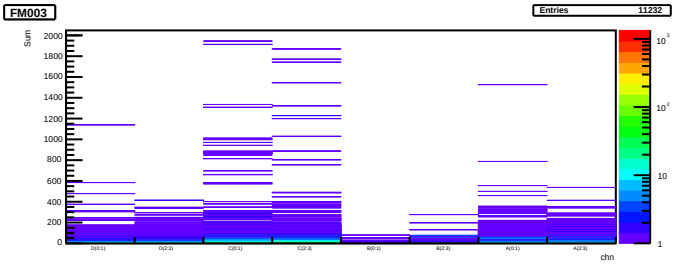

Input to QT3 crate (north-top)
Entries 45627
ADC
channel

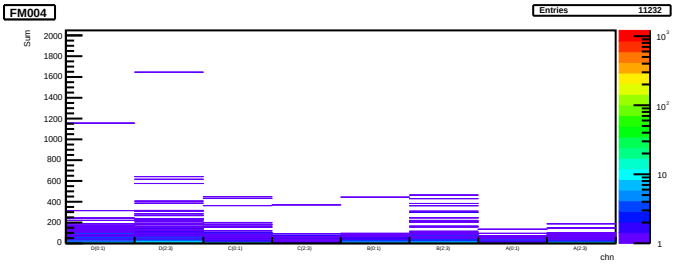

Input to QT2 crate (south-bottom)
Entries 36680
ADC
channel

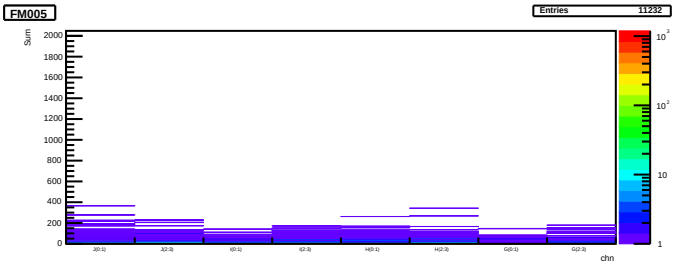

Input to QT4 crate (north-bottom)
Entries 37688
ADC
channel

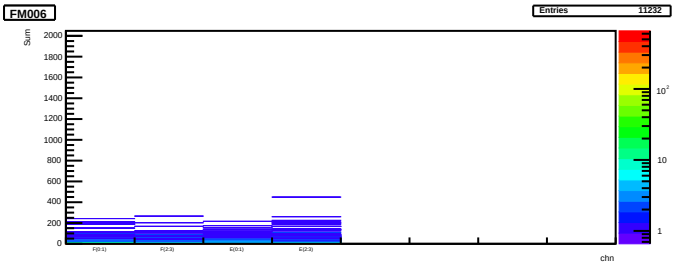

FM001
Entries 11232
Sum
chn

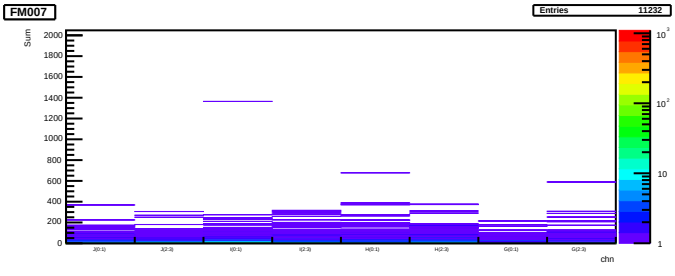

FM002
Entries 11232
Sum
chn

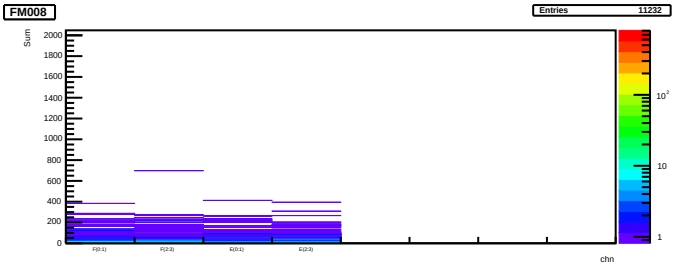

FM003
Entries 11232
Sum
chn

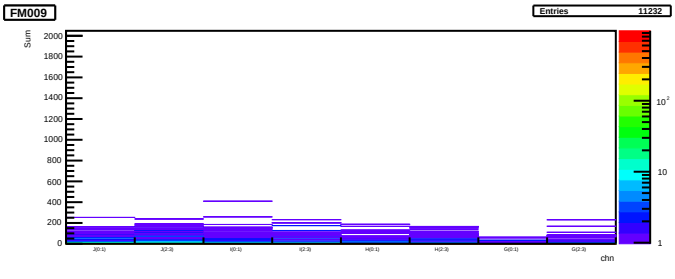

FM004
Entries 11232
Sum
chn

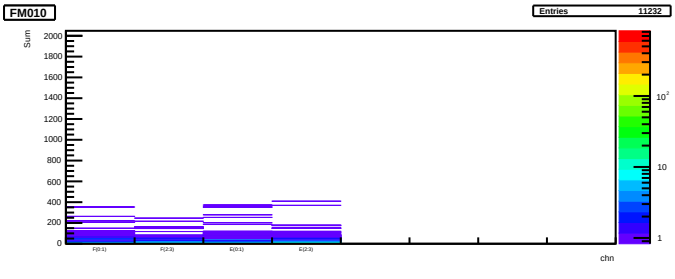

FM005
Entries 11232
Sum
chn

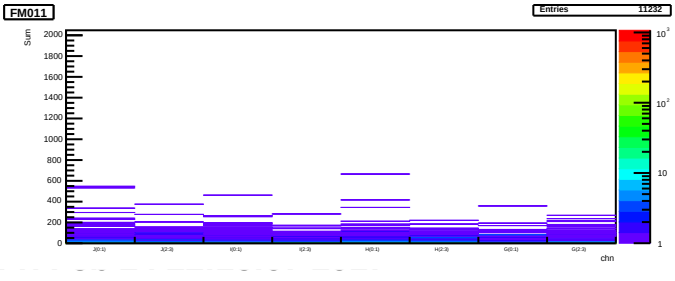

FM006
Entries 11232
Sum
chn

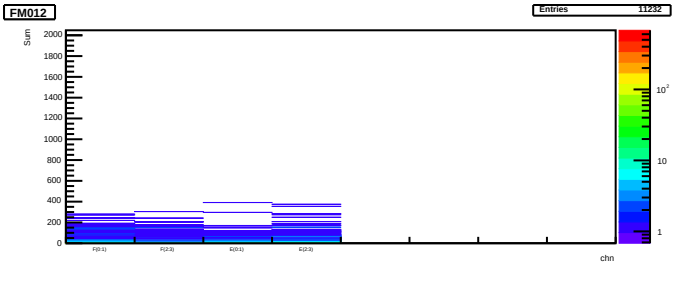

FM007
Entries 11232
Sum
chn

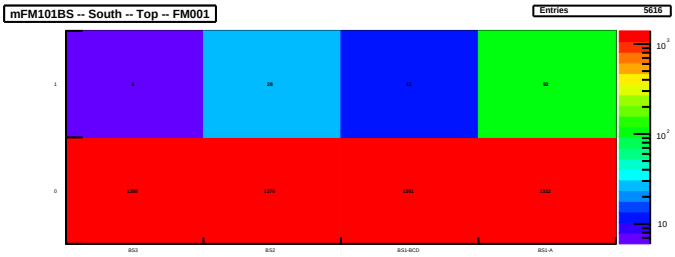

FM008
Entries 11232
Sum
chn

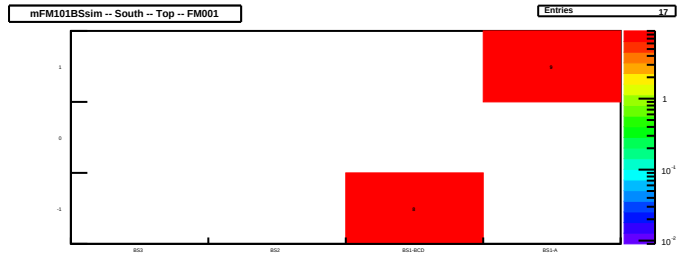

FM009
Entries 11232
Sum
chn

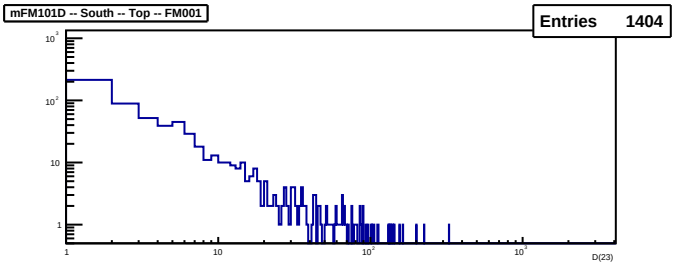

FM010
Entries 11232
Sum
chn

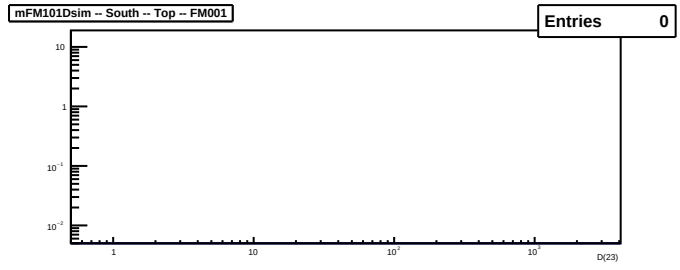

FM011
Entries 11232
Sum
chn

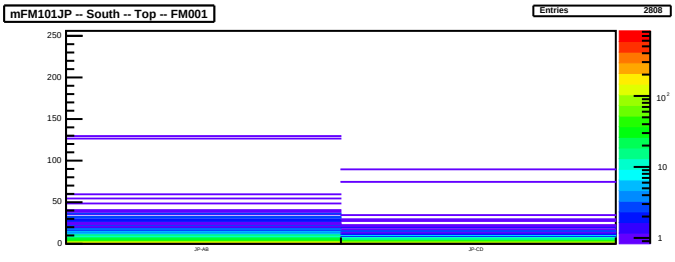

FM012
Entries 11232
Sum
chn

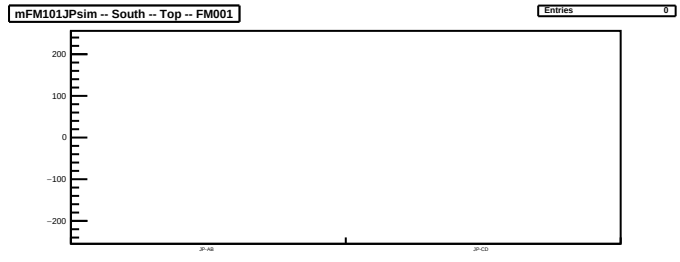

mFM101BS -- South -- Top -- FM001
Entries 5616

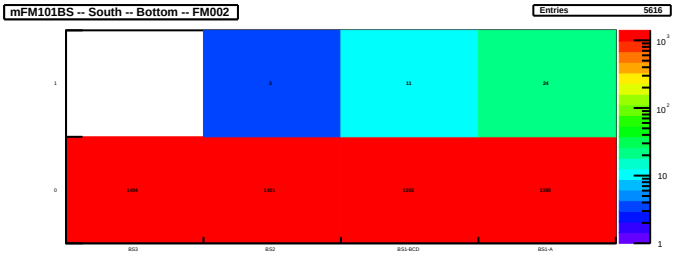

mFM101BSsim -- South -- Top -- FM001
Entries 17

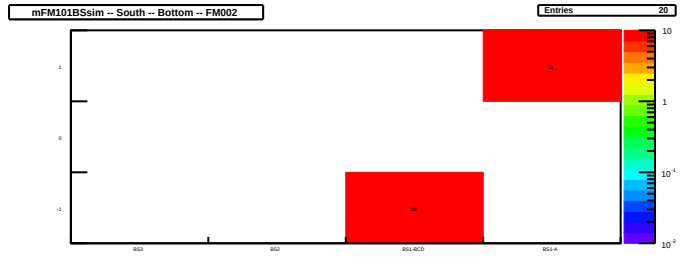

mFM101D -- South -- Top -- FM001
Entries 1404
D(23)

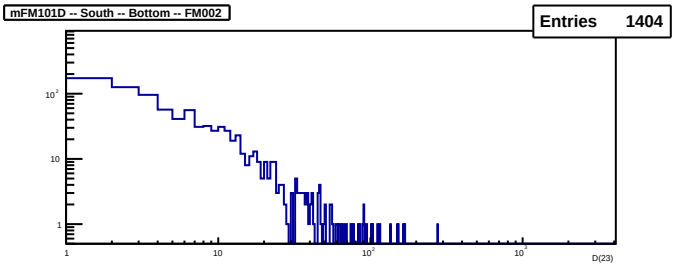

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

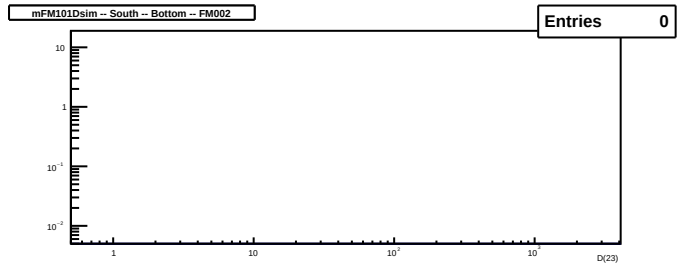

mFM101JP -- South -- Top -- FM001
Entries 2808


mFM101JPsim -- South -- Top -- FM001
Entries 0


mFM101BS -- South -- Bottom -- FM002
Entries 5616


mFM101BSsim -- South -- Bottom -- FM002
Entries 20


mFM101D -- South -- Bottom -- FM002
Entries 1404
D(23)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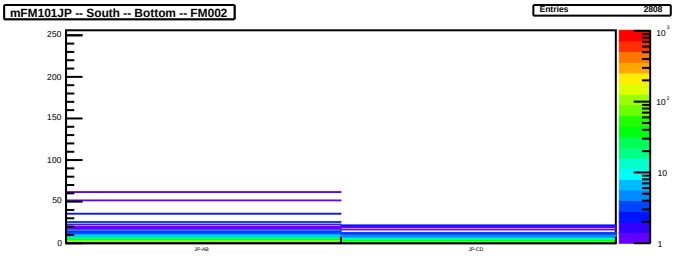
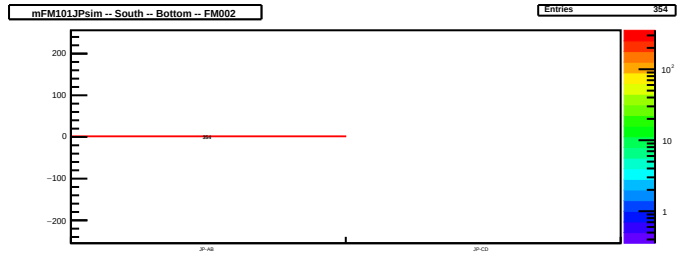
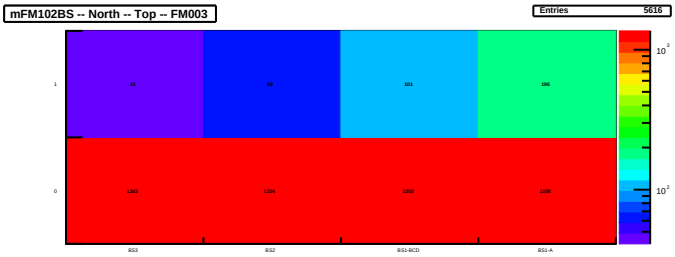
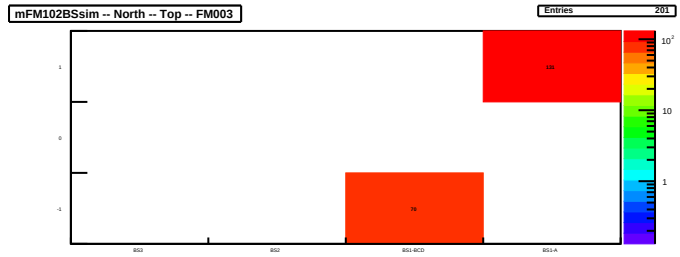
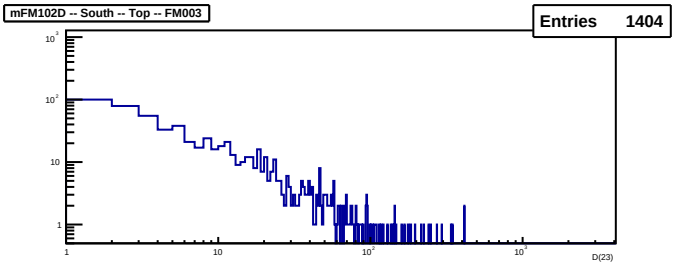
Entries 0
D(23)

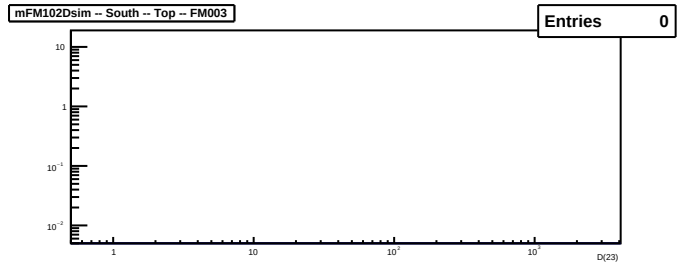

mFM101JP -- South -- Bottom -- FM002
Entries 2808

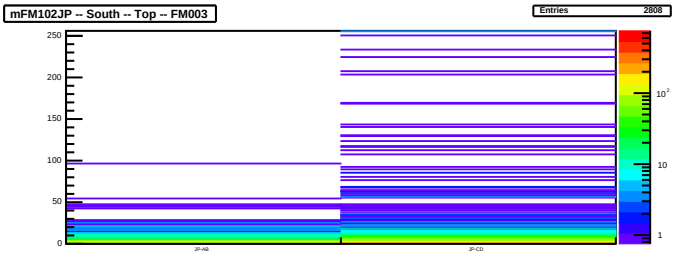

mFM101JPsim -- South -- Bottom -- FM002
Entries 354

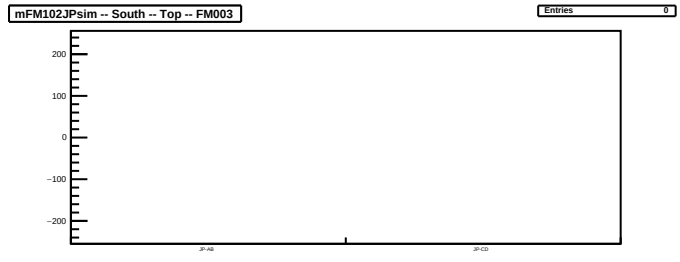

mFM102BS -- North -- Top -- FM003
Entries 5616

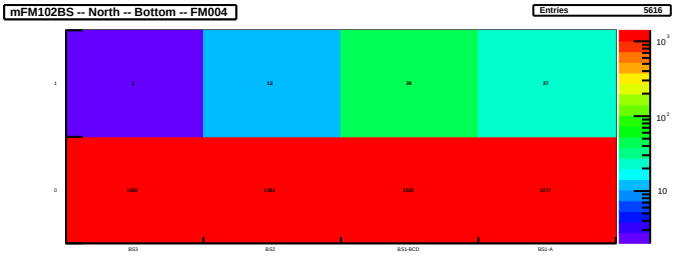

mFM102BSsim -- North -- Top -- FM003
Entries 201

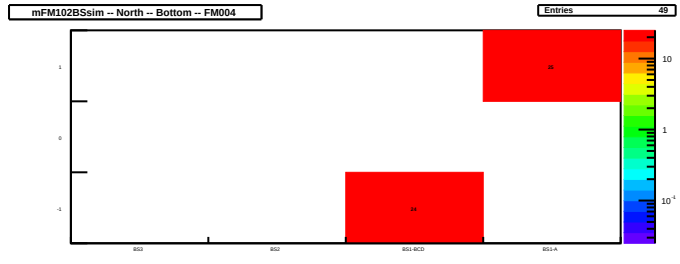

mFM102D -- South -- Top -- FM003
Entries 1404
D(23)

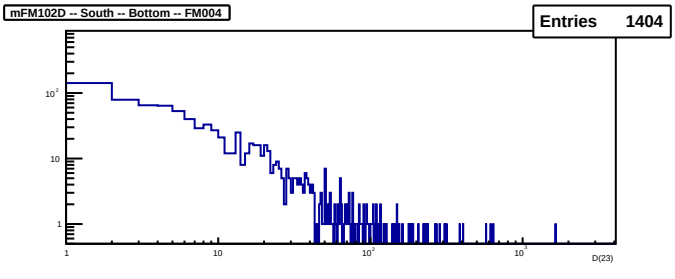

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

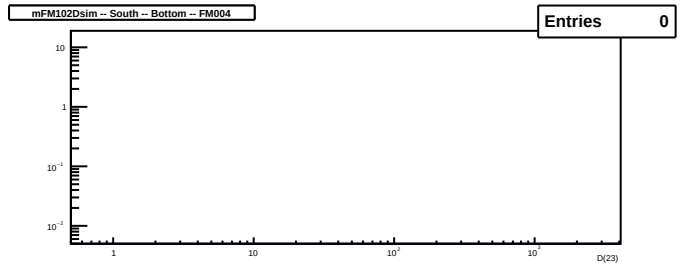

mFM102JP -- South -- Top -- FM003
Entries 2808

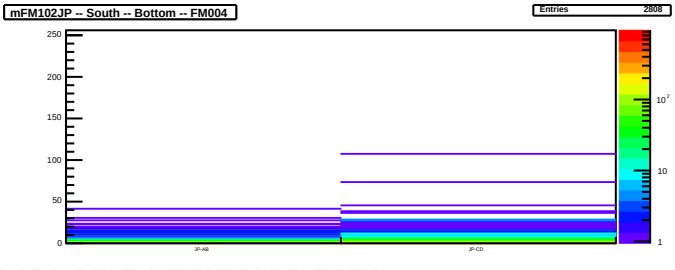

mFM102JPsim -- South -- Top -- FM003
Entries 0

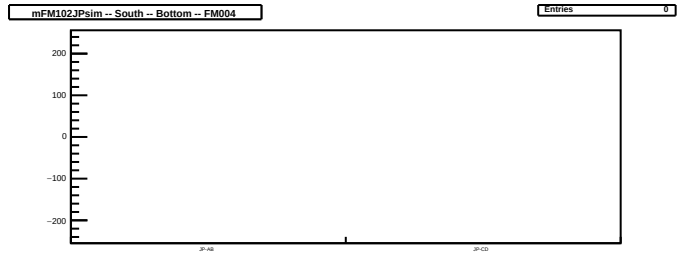

mFM102BS -- North -- Bottom -- FM004
Entries 5616

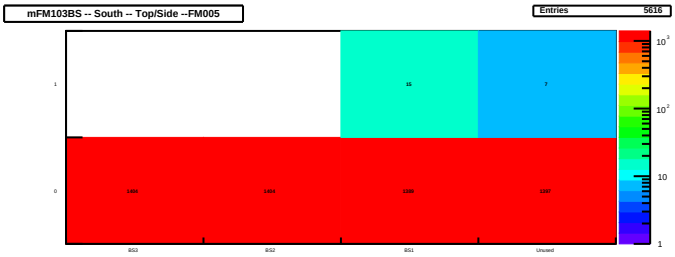

mFM102BSsim -- North -- Bottom -- FM004
Entries 49

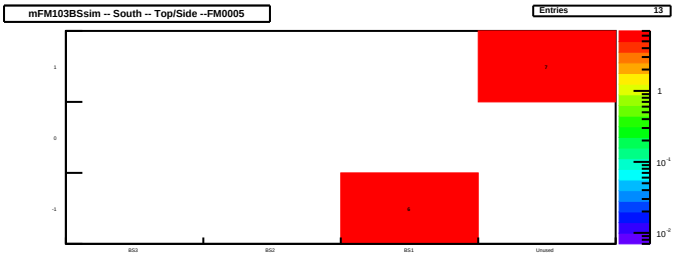

mFM102D -- South -- Bottom -- FM004
Entries 1404
D(23)

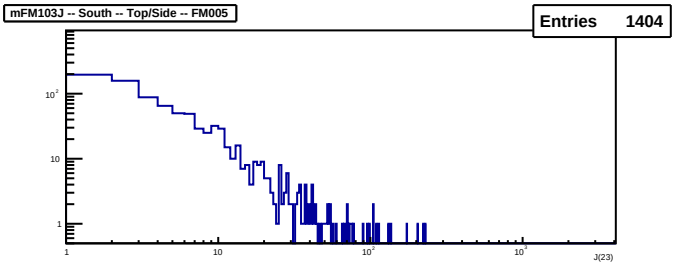

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

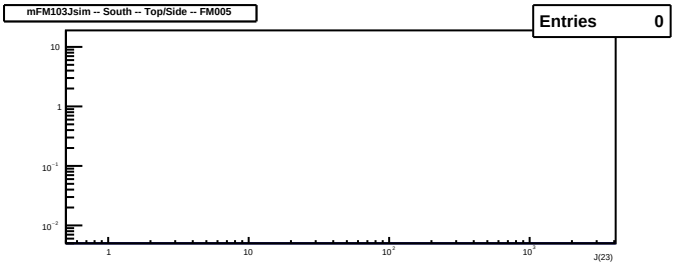

mFM102JP -- South -- Bottom -- FM004
Entries 2808

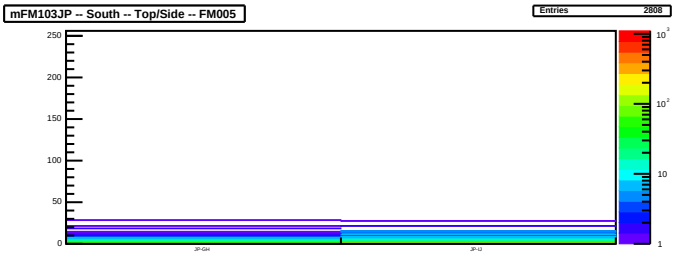

mFM102JPsim -- South -- Bottom -- FM004
Entries 0

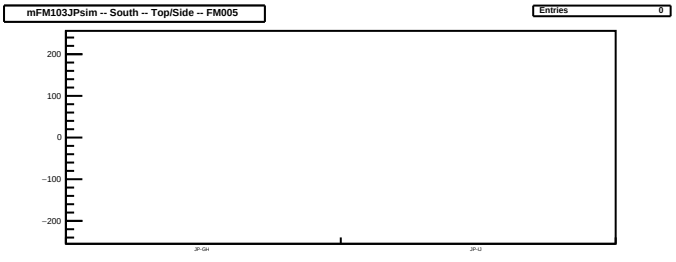

mFM103BS -- South -- Top/Side --FM005
Entries 5616
15
7
1404
1404
1399
1397
BS3
BS2
BS1
Unused

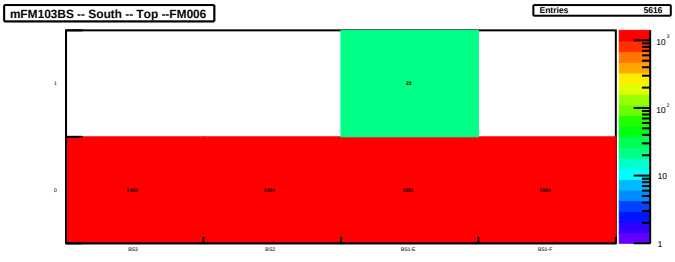

mFM103BSsim -- South -- Top/Side --FM0005
Entries 13
7
6
BS3
BS2
BS1
Unused

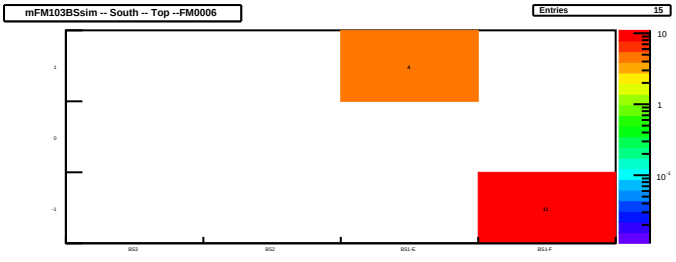

mFM103J -- South -- Top/Side -- FM005
Entries 1404
J(23)

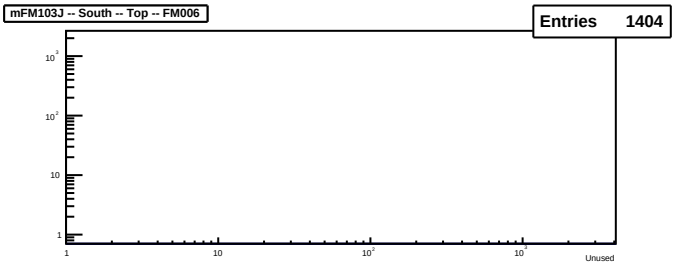

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

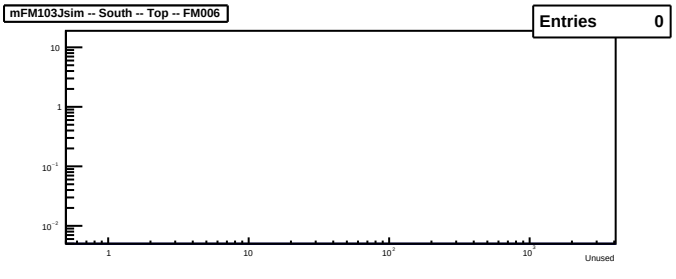

mFM103JP -- South -- Top/Side -- FM005
Entries 2808
JP-GH
JP-IJ

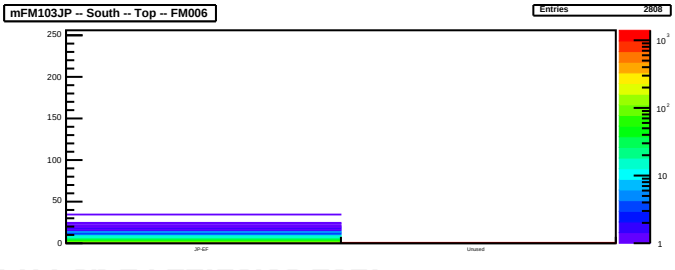

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ

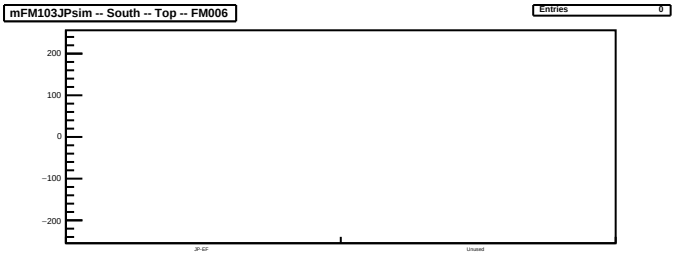

mFM103BS -- South -- Top --FM006
Entries 5616
23
1404
1404
1391
1404
BS3
BS2
BS1-E
BS1-F

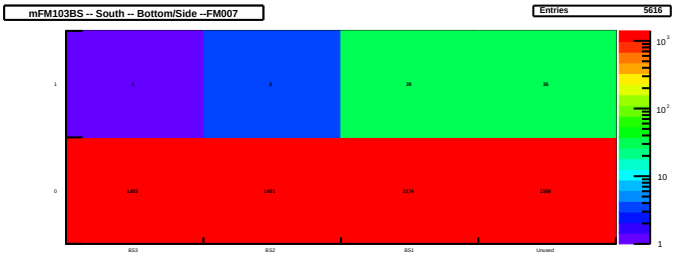

mFM103BSsim -- South -- Top --FM0006
Entries 15
4
11
BS3
BS2
BS1-E
BS1-F

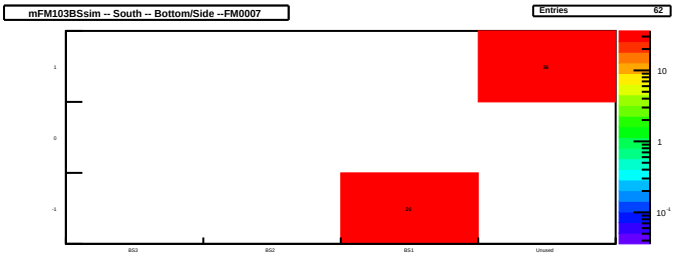

mFM103J -- South -- Top -- FM006
Entries 1404
Unused

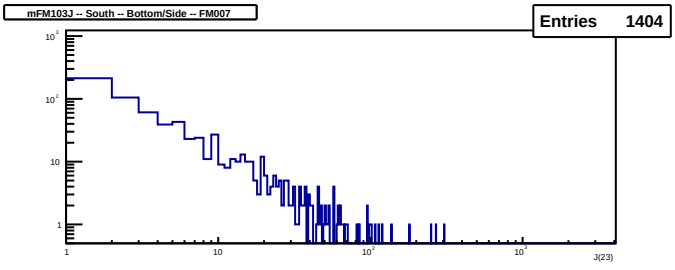

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

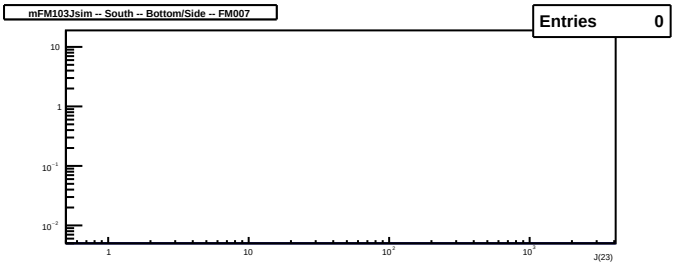

mFM103JP -- South -- Top -- FM006
Entries 2808
JP-EF
Unused

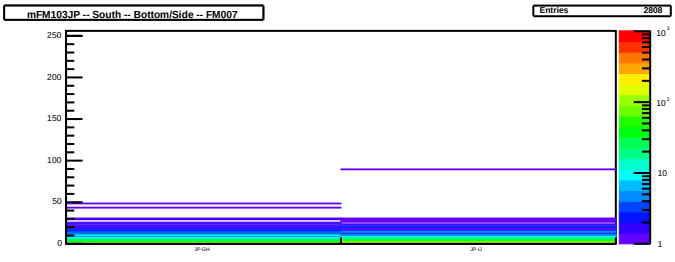

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

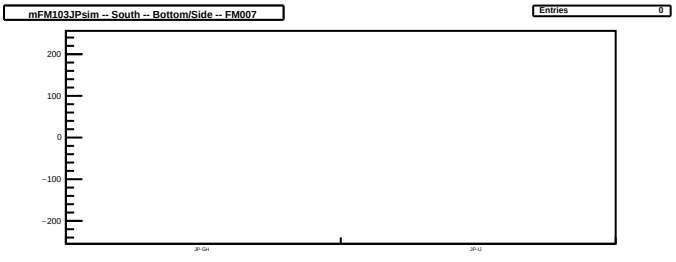

mFM103BS -- South -- Bottom/Side --FM007
Entries 5616

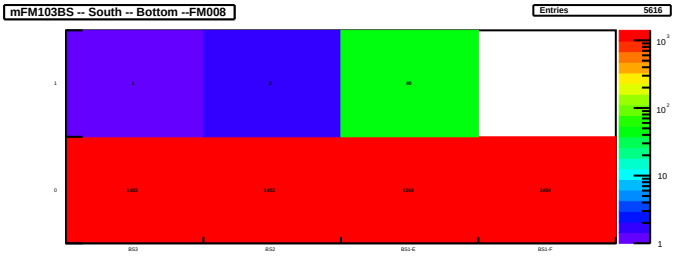

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 62

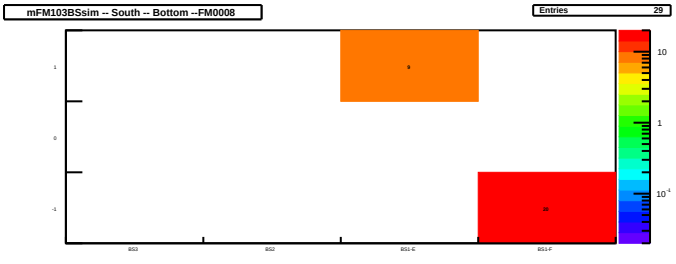

mFM103J -- South -- Bottom/Side -- FM007
Entries 1404
J(23)

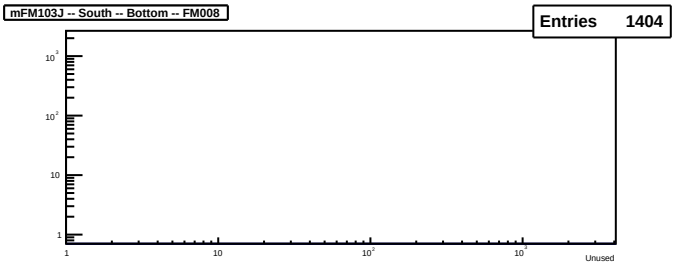

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

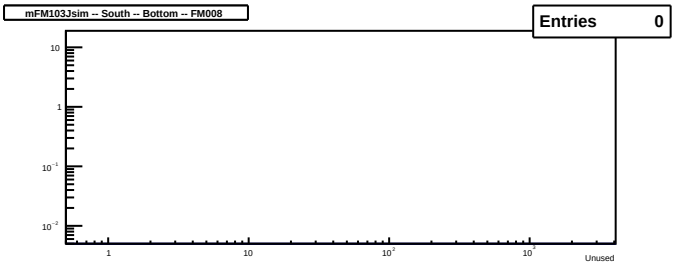

mFM103JP -- South -- Bottom/Side -- FM007
Entries 2808

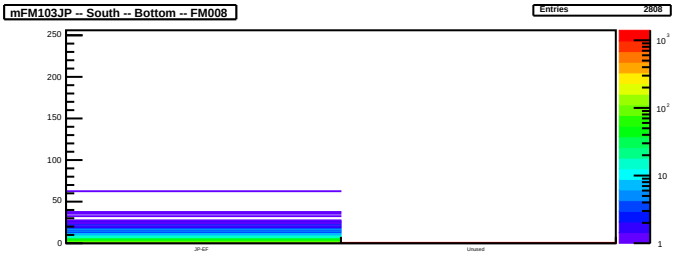

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0

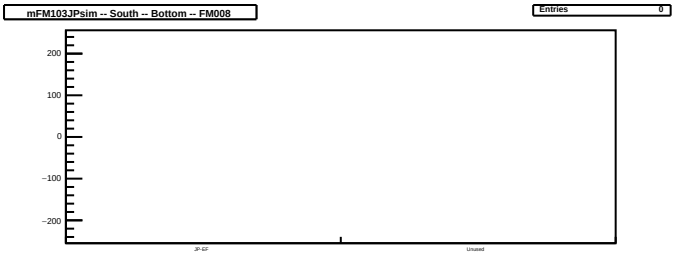

mFM103BS -- South -- Bottom --FM008
Entries 5616

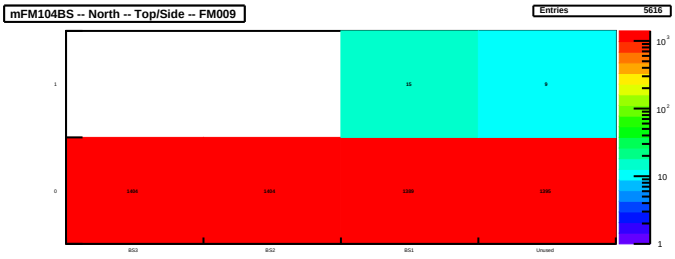

mFM103BSsim -- South -- Bottom --FM0008
Entries 29

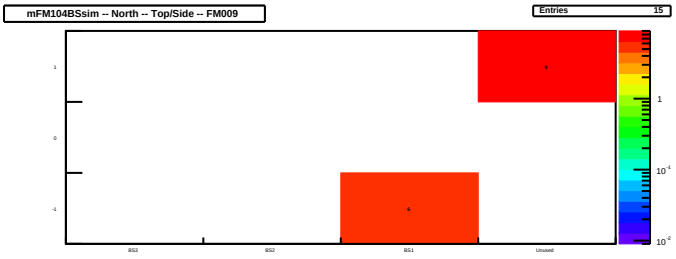

mFM103J -- South -- Bottom -- FM008
Entries 1404
Unused

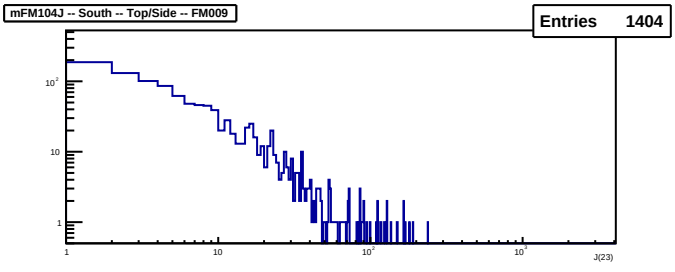

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

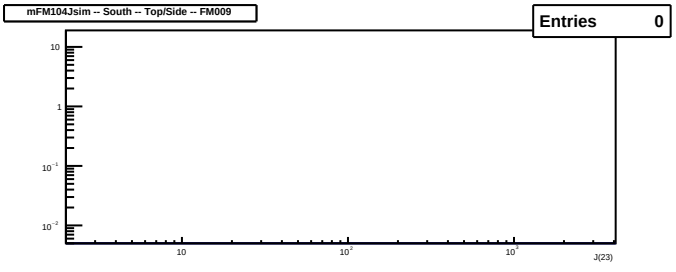

mFM103JP -- South -- Bottom -- FM008
Entries 2808

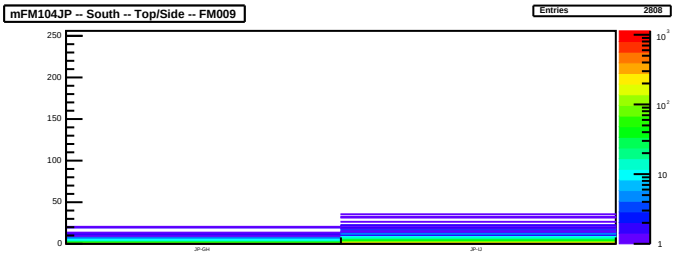

mFM103JPsim -- South -- Bottom -- FM008
Entries 0

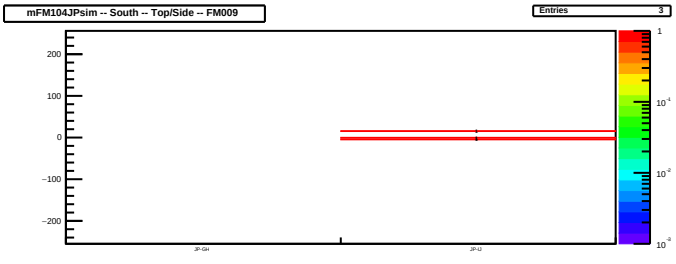

mFM104BS -- North -- Top/Side -- FM009
Entries 5616
15
9
1404
1404
1399
1395
BS3
BS2
BS1
Unused

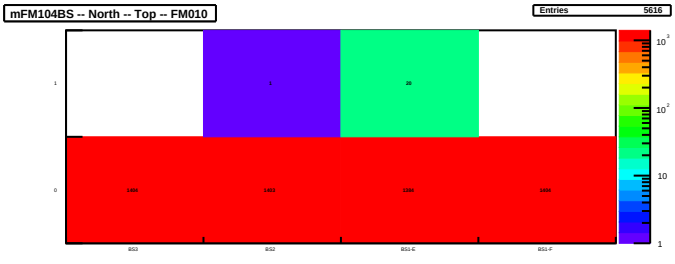

mFM104BSsim -- North -- Top/Side -- FM009
Entries 15
9
6
BS3
BS2
BS1
Unused

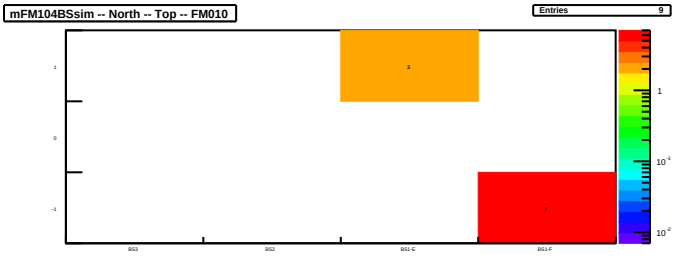

mFM104J -- South -- Top/Side -- FM009
Entries 1404
J(23)

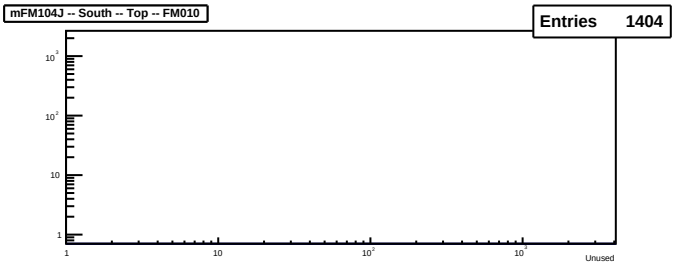

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

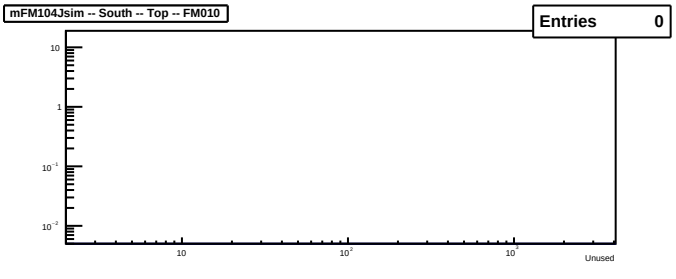

mFM104JP -- South -- Top/Side -- FM009
Entries 2808
JP-GH
JP-U

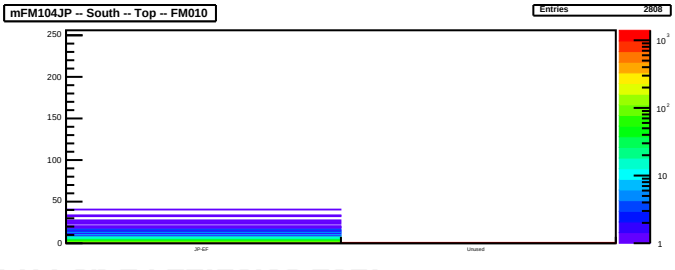

mFM104JPsim -- South -- Top/Side -- FM009
Entries 3
JP-GH
JP-U

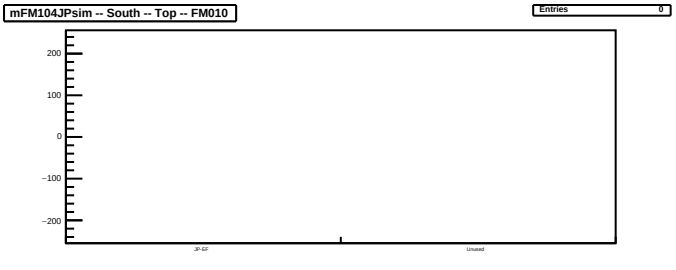

mFM104BS -- North -- Top -- FM010
Entries 5616
1
20
1404
1403
1394
1404
BS3
BS2
BS1-E
BS1-F

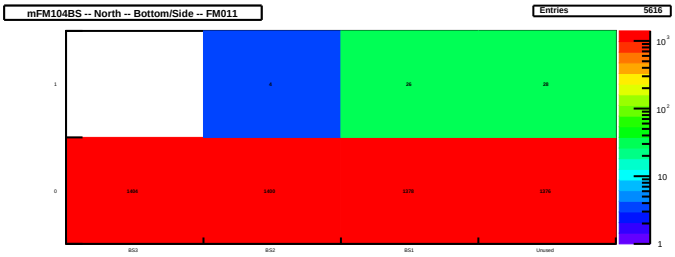

mFM104BSsim -- North -- Top -- FM010
Entries 9
2
7
BS3
BS2
BS1-E
BS1-F

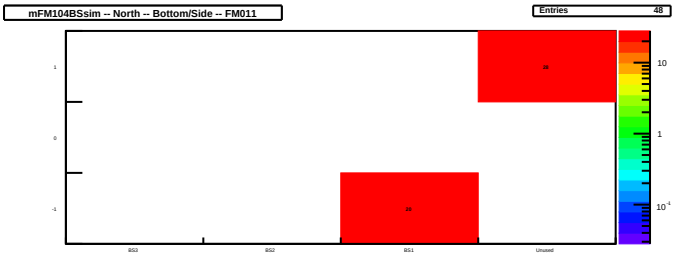

mFM104J -- South -- Top -- FM010
Entries 1404
Unused

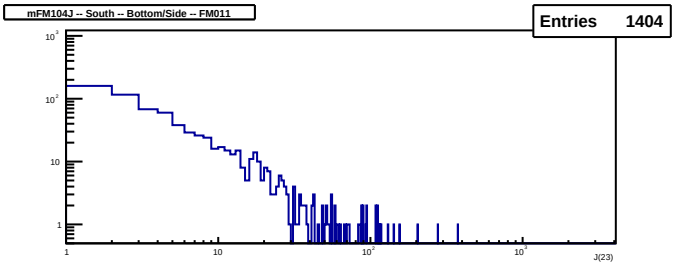

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

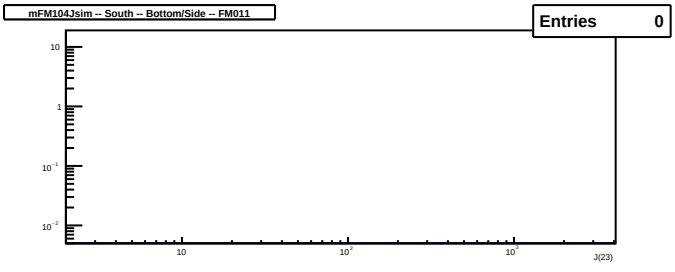

mFM104JP -- South -- Top -- FM010
Entries 2808
JP-EF
Unused

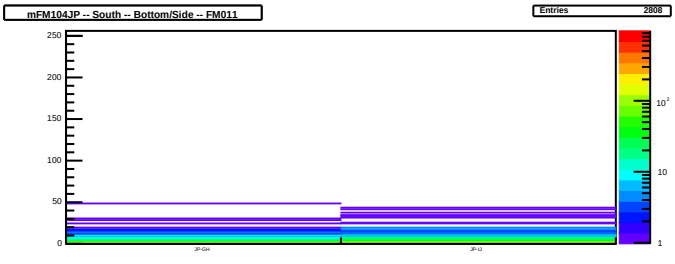

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

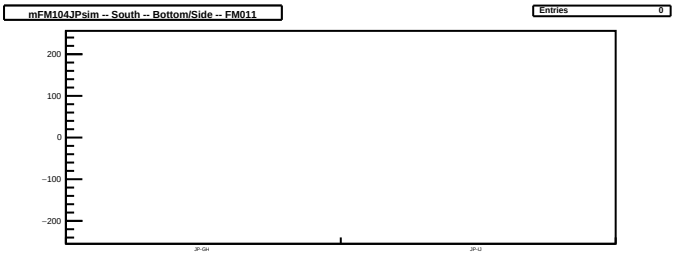

mFM104BS -- North -- Bottom/Side -- FM011
Entries 5616
BS3
BS2
BS1
Unused

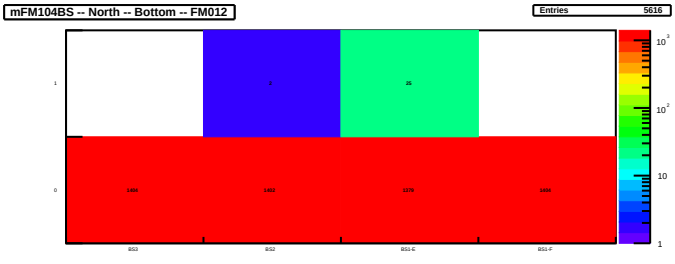

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 48
BS3
BS2
BS1
Unused

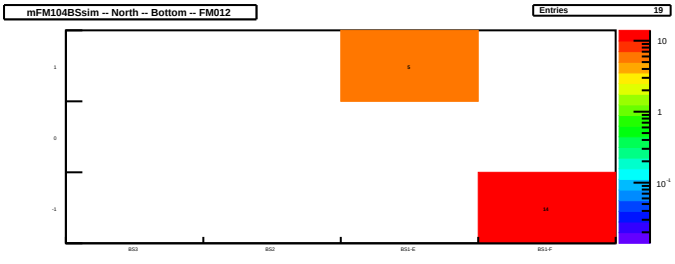

mFM104J -- South -- Bottom/Side -- FM011
Entries 1404
J(23)

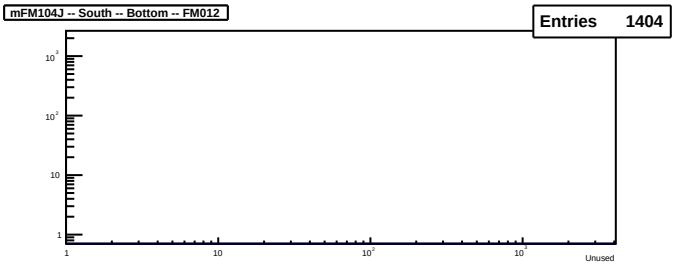

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

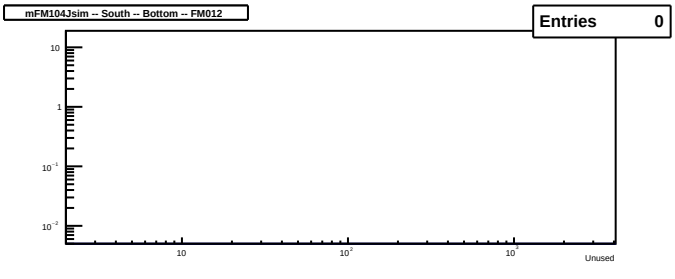

mFM104JP -- South -- Bottom/Side -- FM011
Entries 2808
JP-GH
JP-IJ

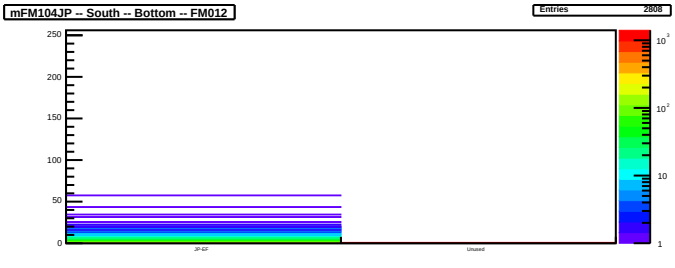

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ


mFM104BS -- North -- Bottom -- FM012
Entries 5616
BS3
BS2
BS1-E
BS1-F

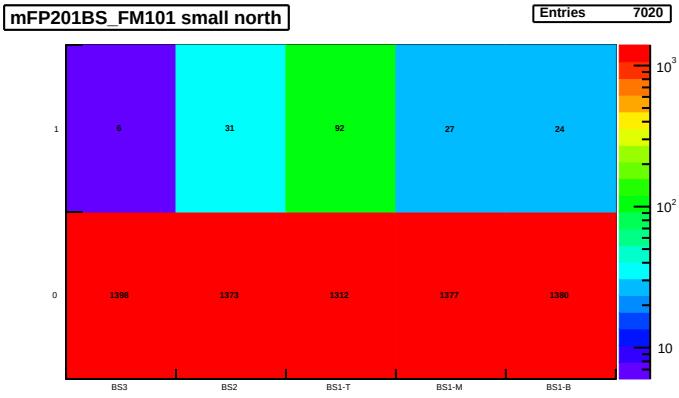

mFM104BSsim -- North -- Bottom -- FM012
Entries 19
BS3
BS2
BS1-E
BS1-F

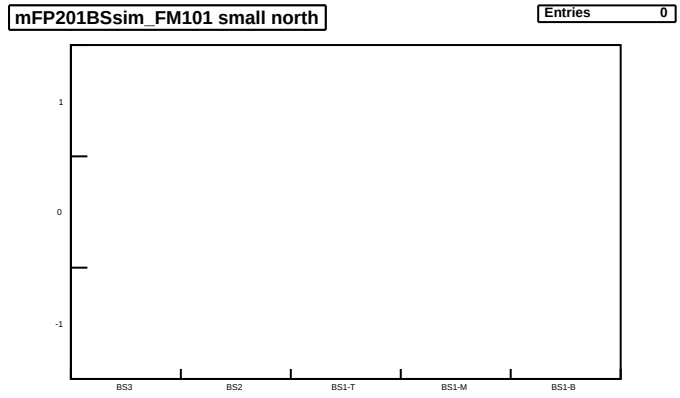

mFM104J -- South -- Bottom -- FM012
Entries 1404
Unused

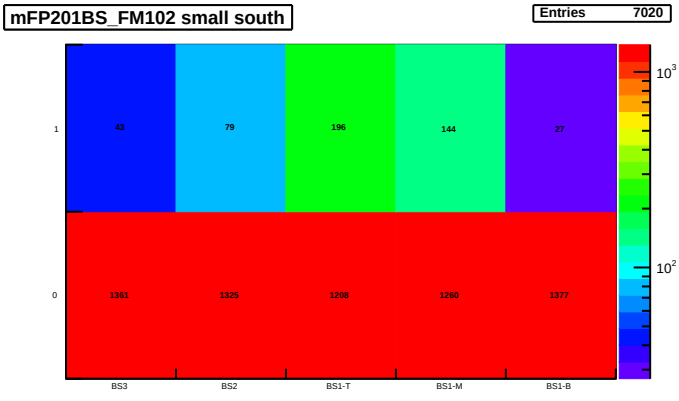

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

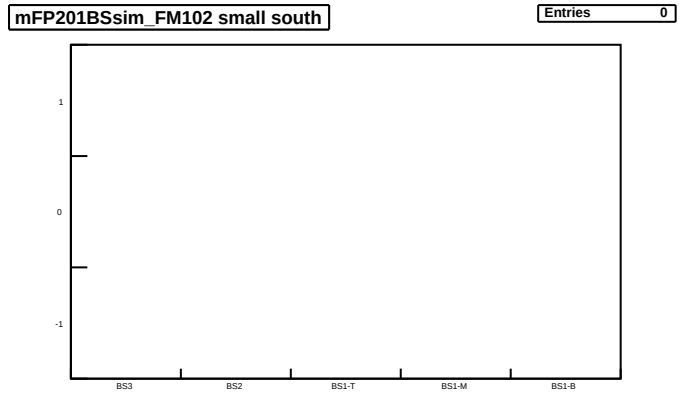

mFM104JP -- South -- Bottom -- FM012
Entries 2808
JP-EF
Unused

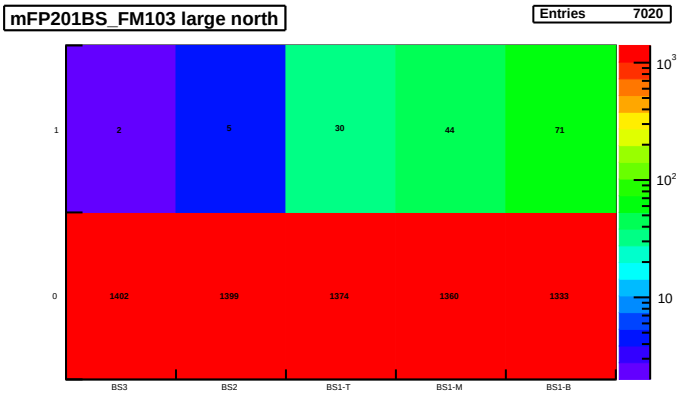
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

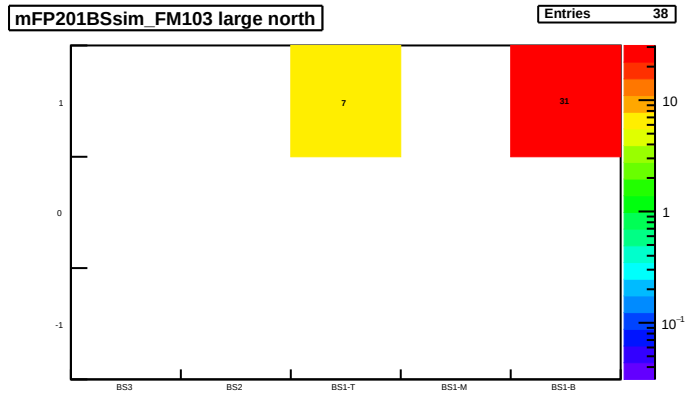

mFP201BS_FM101 small north
Entries 7020
6 31 92 27 24
1398 1373 1312 1377 1380
BS3 BS2 BS1-T BS1-M BS1-B

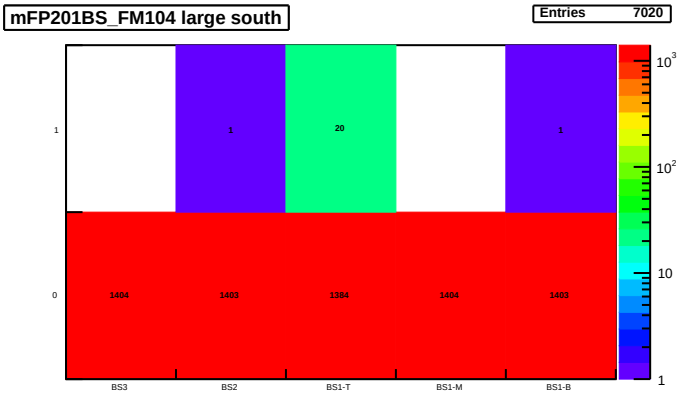

mFP201BSsim_FM101 small north
Entries 0
BS3 BS2 BS1-T BS1-M BS1-B

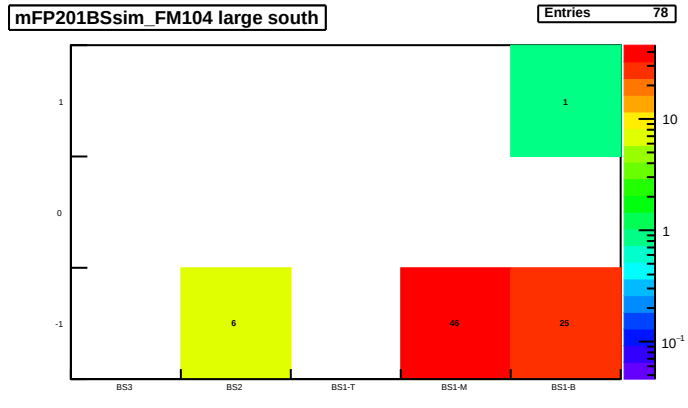

mFP201BS_FM102 small south
Entries 7020
43 79 196 144 27
1361 1325 1208 1260 1377
BS3 BS2 BS1-T BS1-M BS1-B

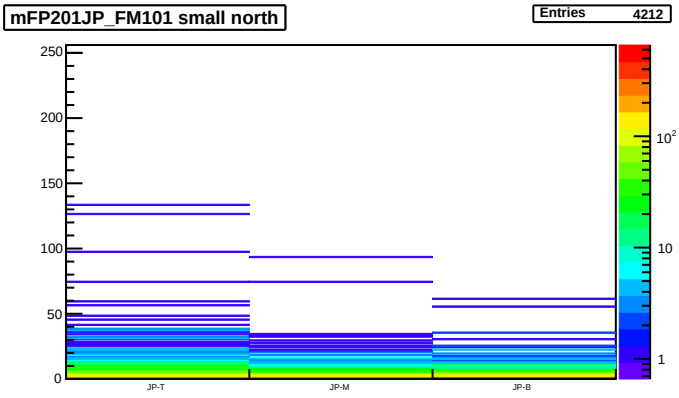

mFP201BSsim_FM102 small south
Entries 0
BS3 BS2 BS1-T BS1-M BS1-B

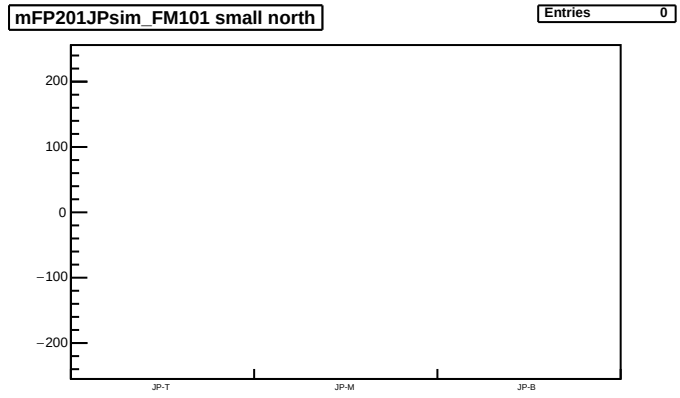

mFP201BS_FM103 large north
Entries 7020
2 5 30 44 71
1402 1399 1374 1360 1333
BS3 BS2 BS1-T BS1-M BS1-B

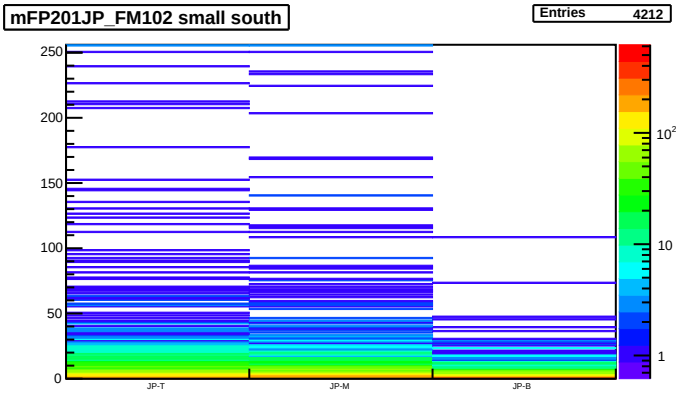

mFP201BSsim_FM103 large north
Entries 38
7 31
BS3 BS2 BS1-T BS1-M BS1-B

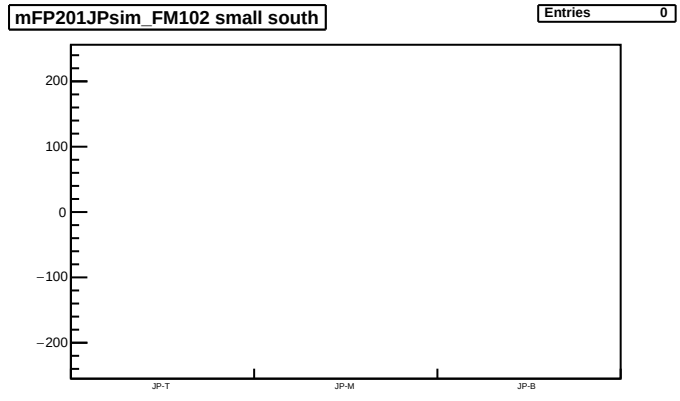

mFP201BS_FM104 large south
Entries 7020
1 20 1
1404 1403 1384 1404 1403
BS3 BS2 BS1-T BS1-M BS1-B

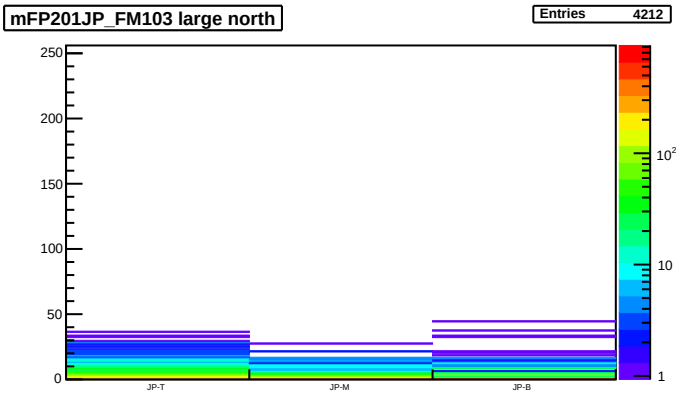

mFP201BSsim_FM104 large south
Entries 78
1
6 46 25
BS3 BS2 BS1-T BS1-M BS1-B

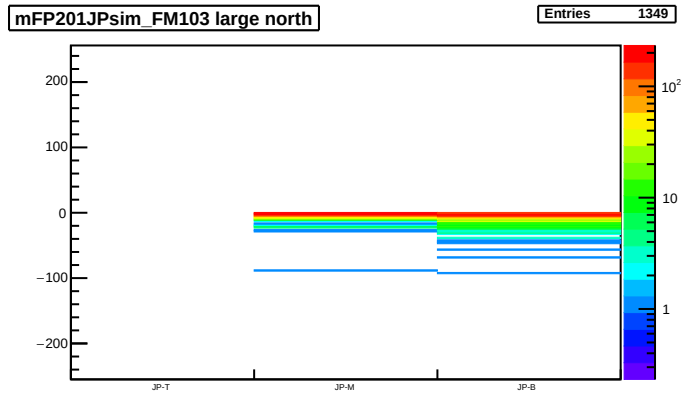

mFP201JP_FM101 small north
Entries 4212
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^2
10
1

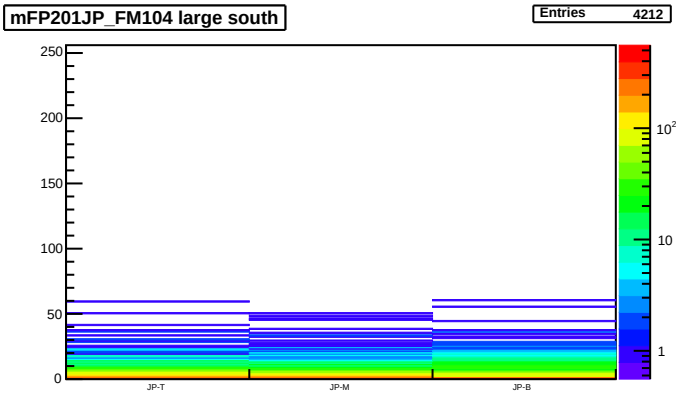

mFP201JPsim_FM101 small north
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

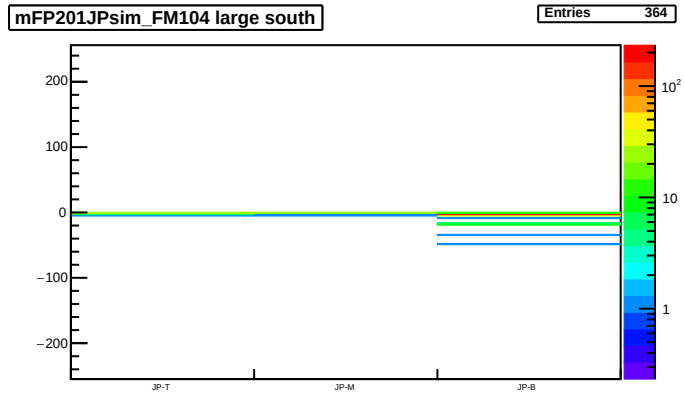

mFP201JP_FM102 small south
Entries 4212
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^2
10
1

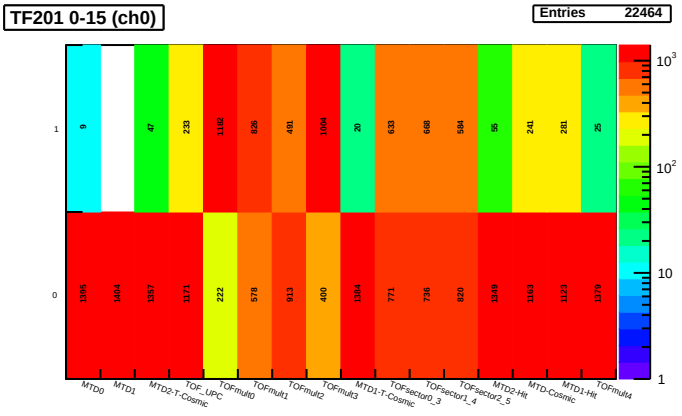

mFP201JPsim_FM102 small south
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

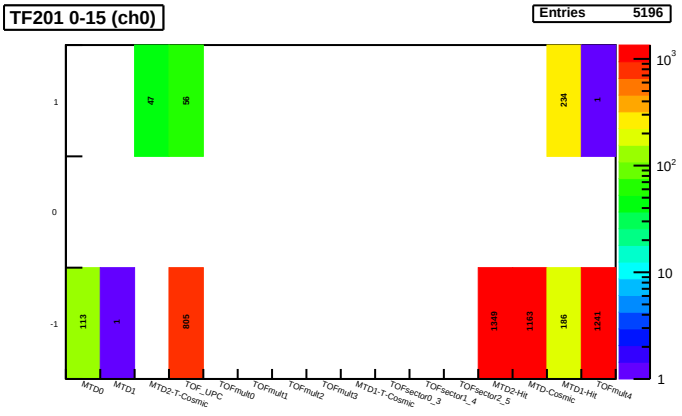

mFP201JP_FM103 large north
Entries 4212
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^2
10
1

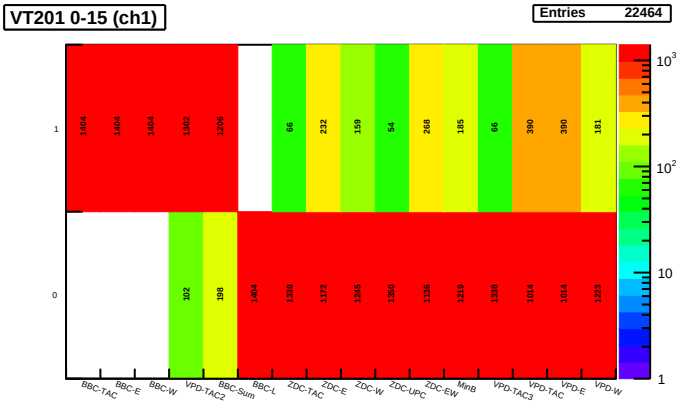

mFP201JPsim_FM103 large north
Entries 1349
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^2
10
1

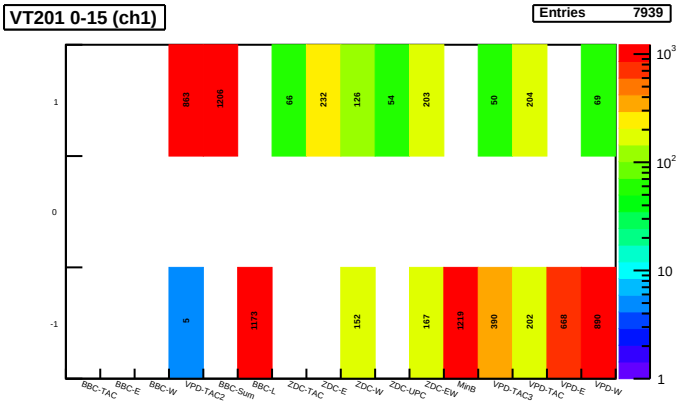

mFP201JP_FM104 large south
Entries 4212
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^2
10
1

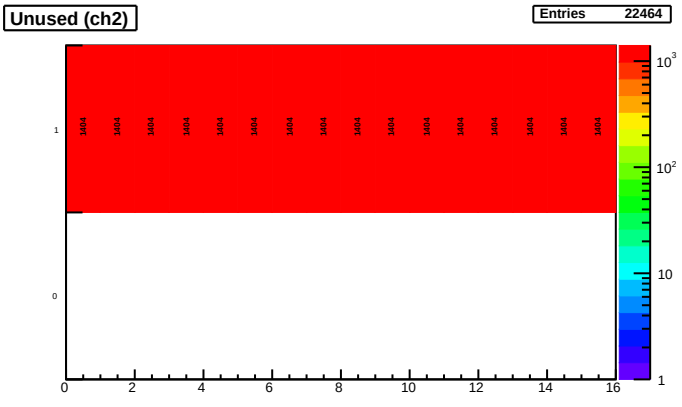

mFP201JPsim_FM104 large south
Entries 364
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^2
10
1

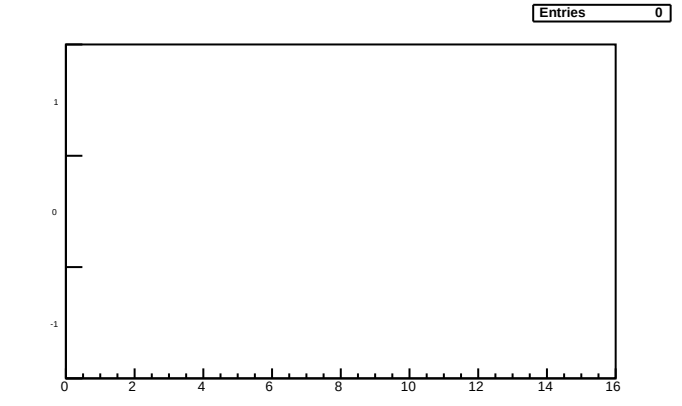

TF201 0-15 (ch0)
Entries 22464
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

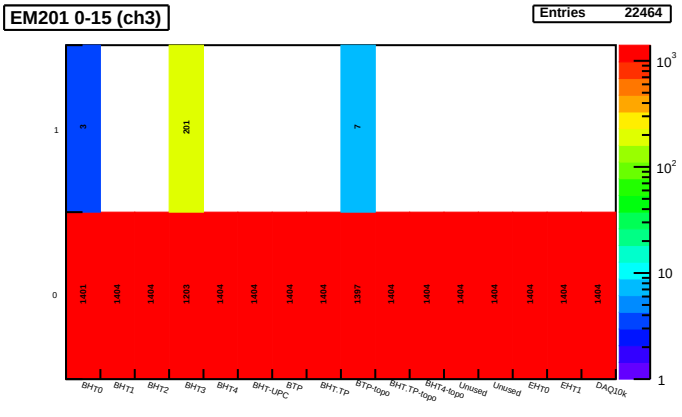

TF201 0-15 (ch0)
Entries 5196
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

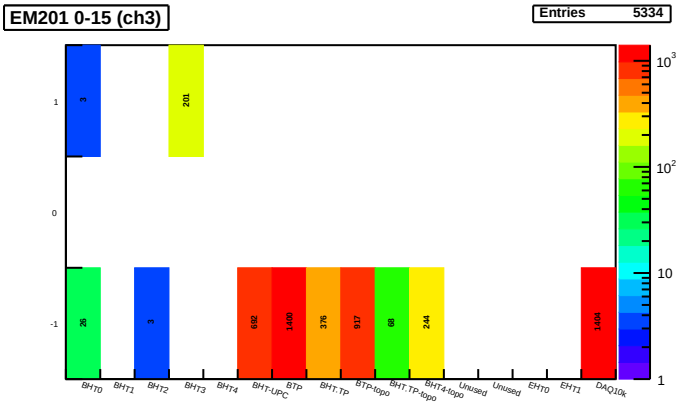

VT201 0-15 (ch1)
Entries 22464
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

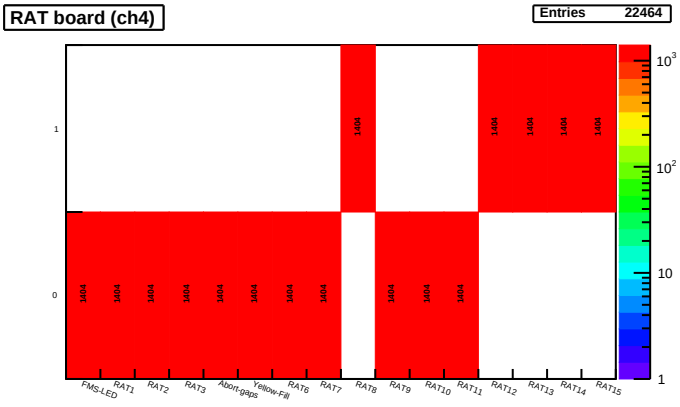

VT201 0-15 (ch1)
Entries 7939
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

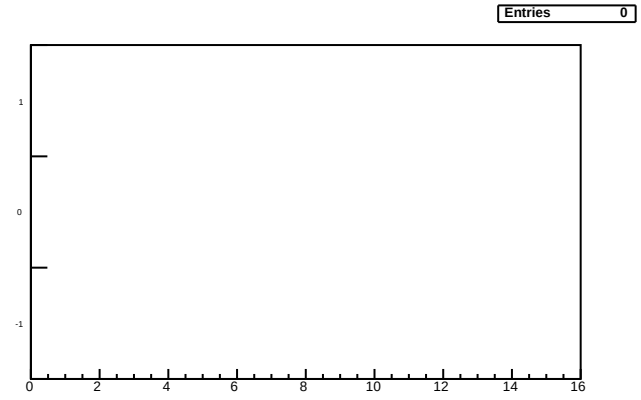

Unused (ch2)
Entries 22464

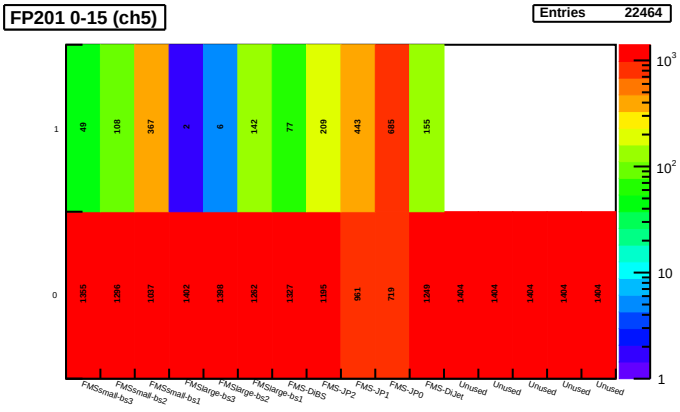

Entries 0

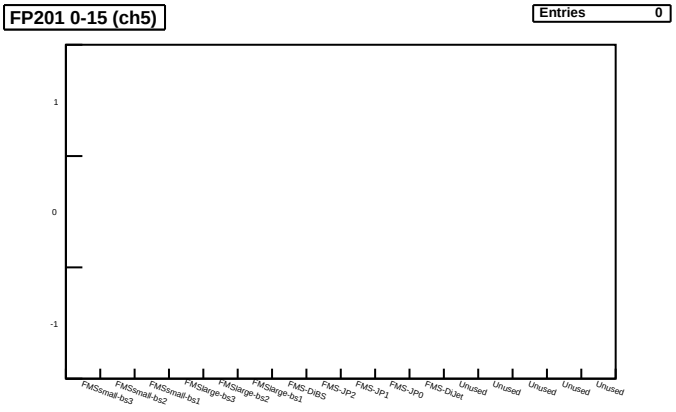

EM201 0-15 (ch3)
Entries 22464
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

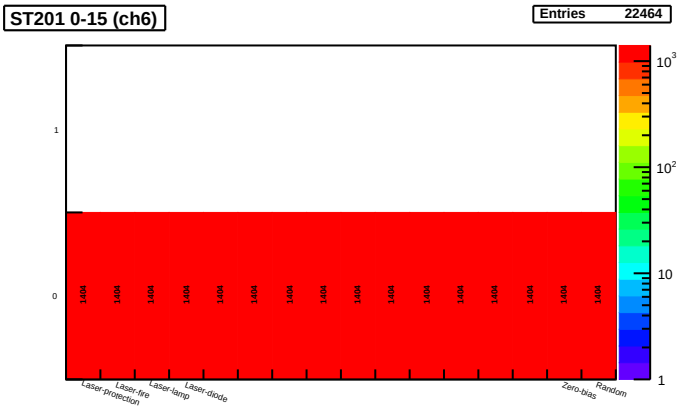

EM201 0-15 (ch3)
Entries 5334
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

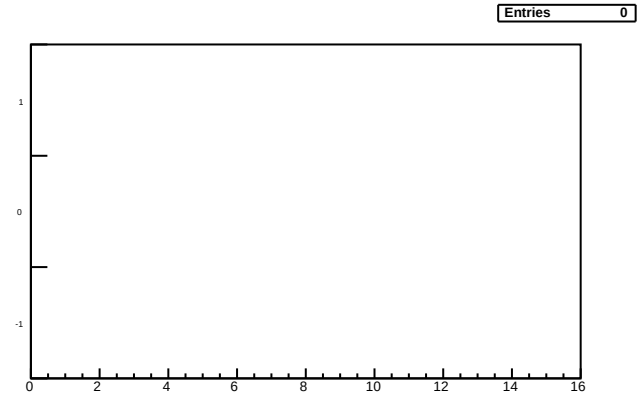

RAT board (ch4)
Entries 22464
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

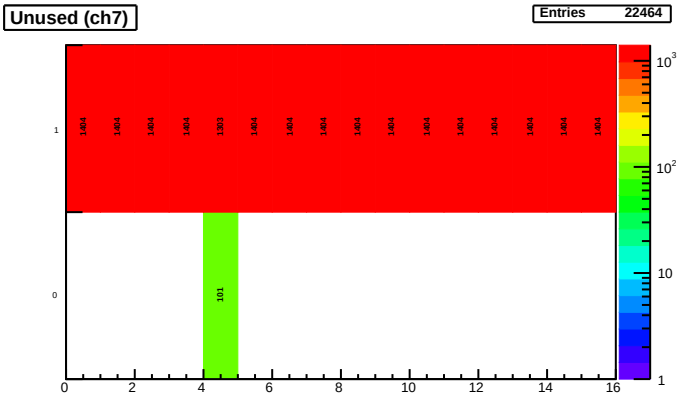

Entries 0


FP201 0-15 (ch5)
Entries 22464
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 22464
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0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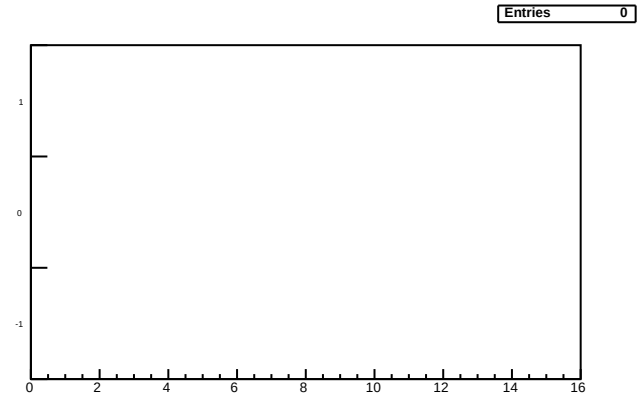
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