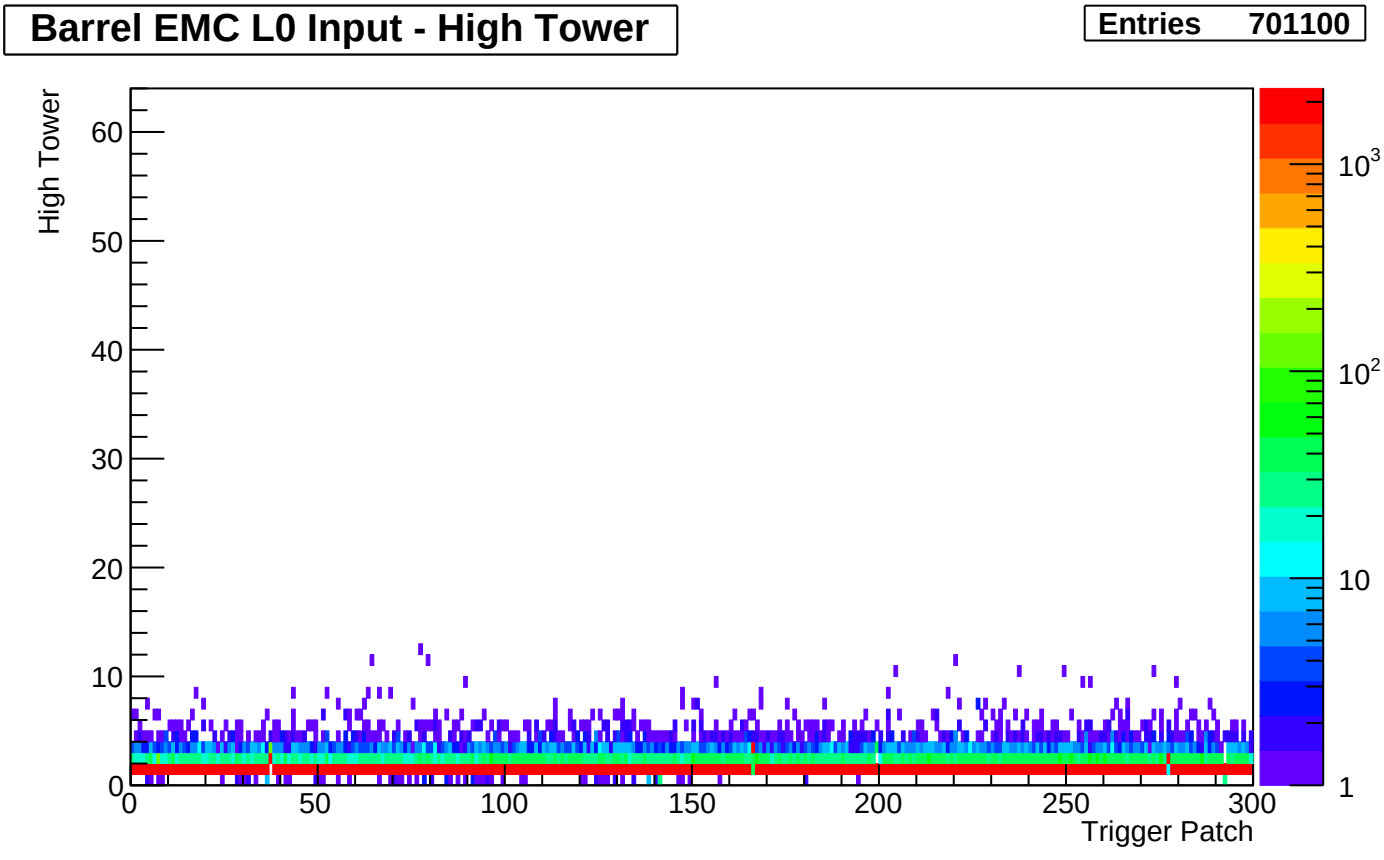
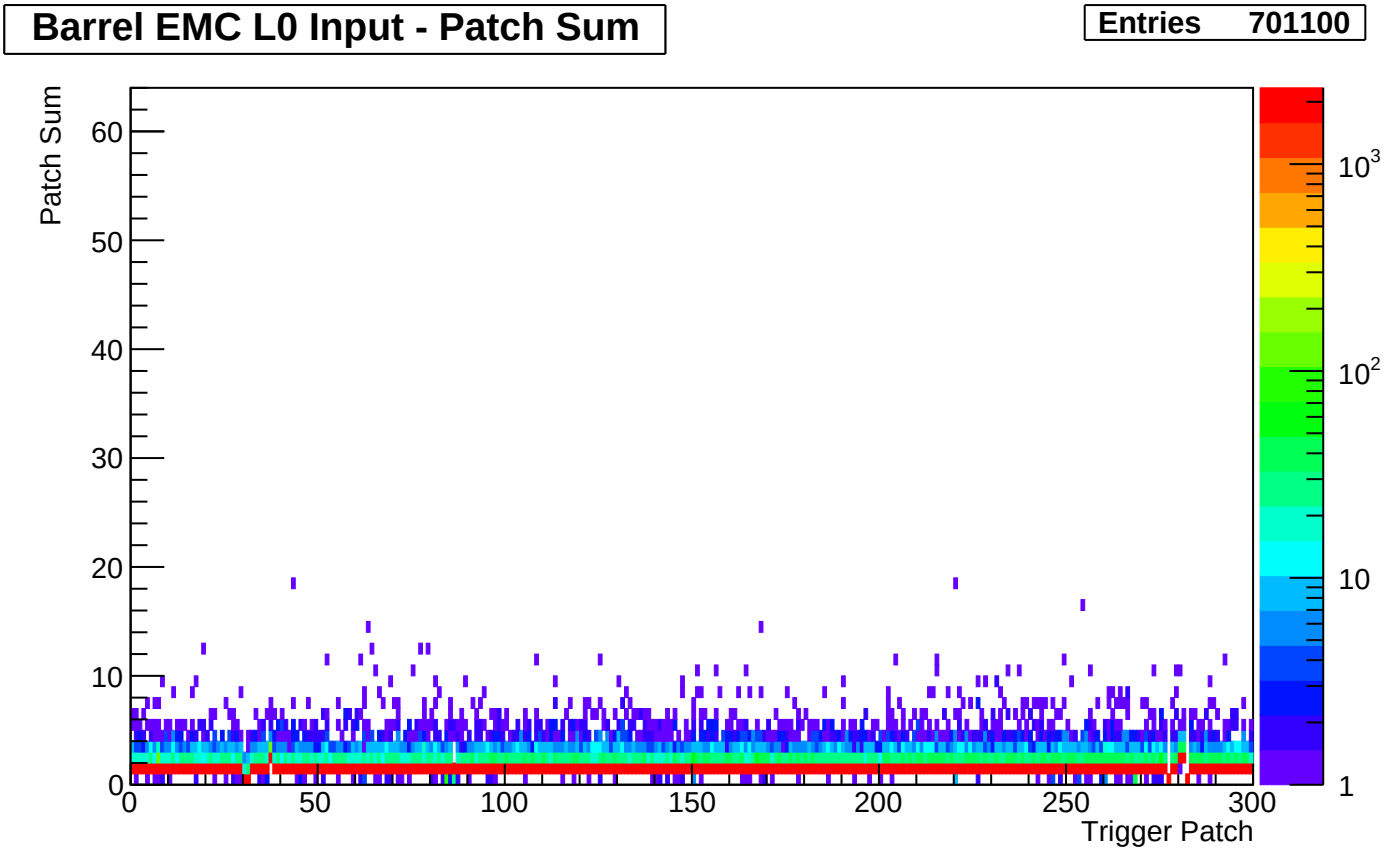
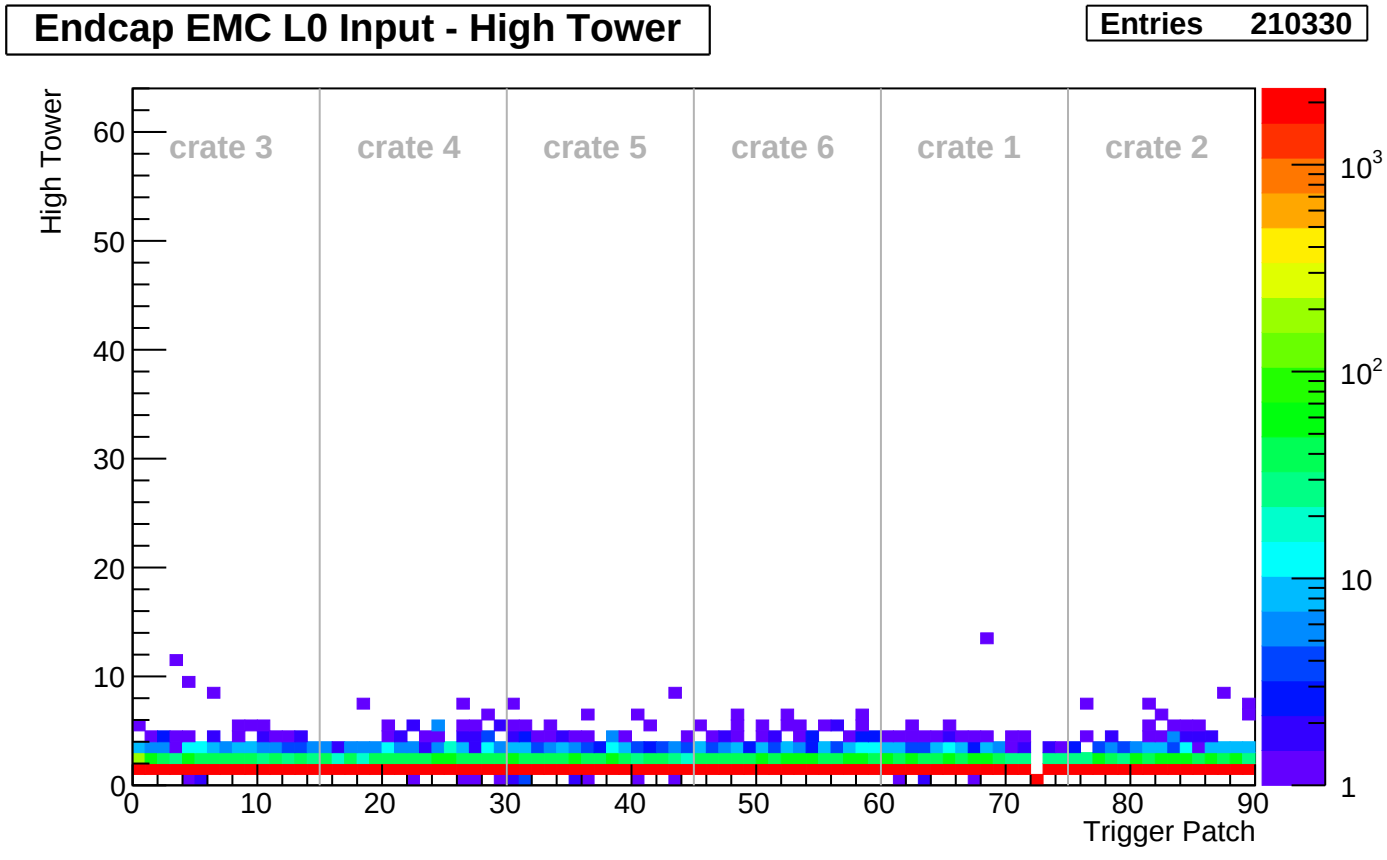
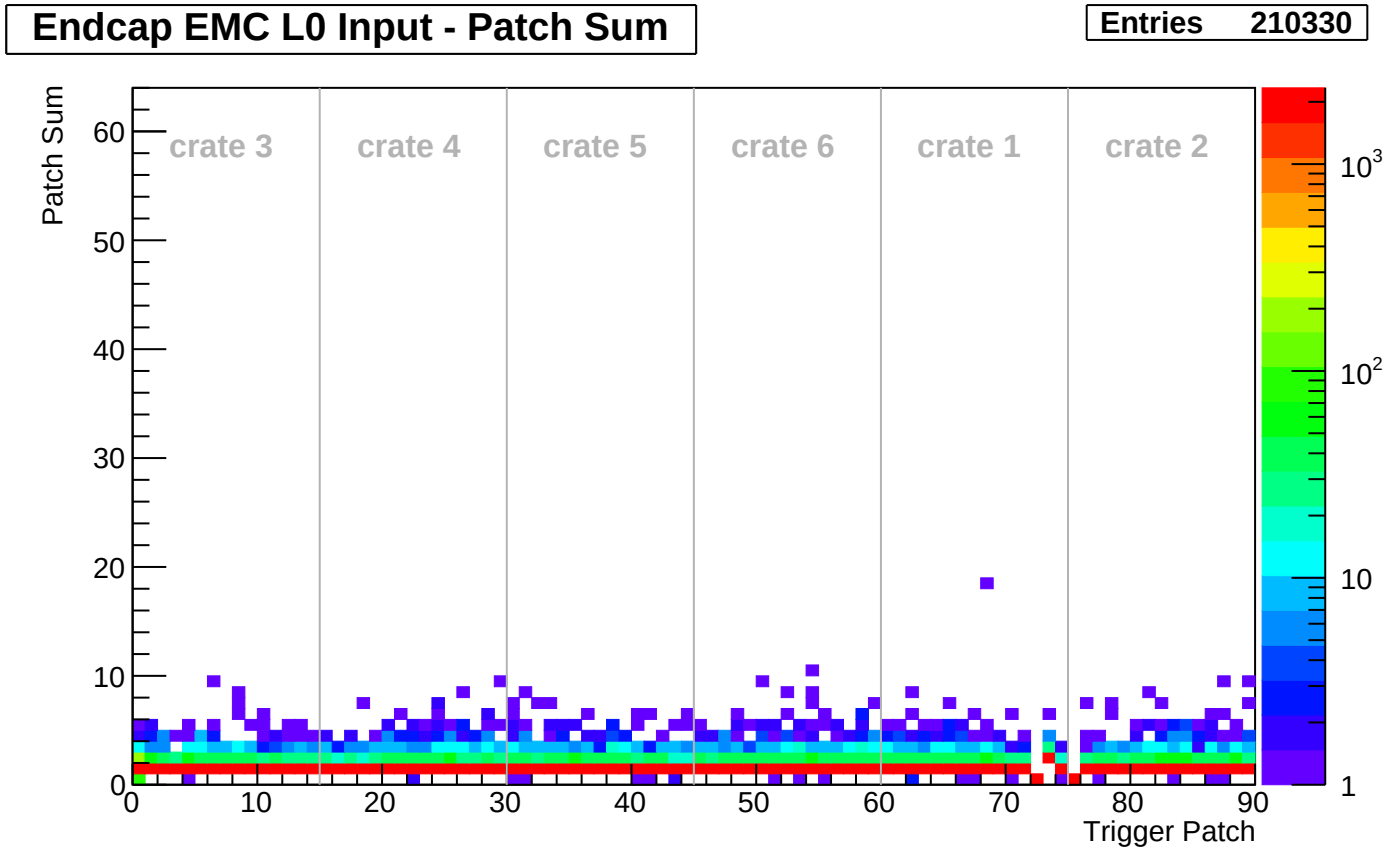
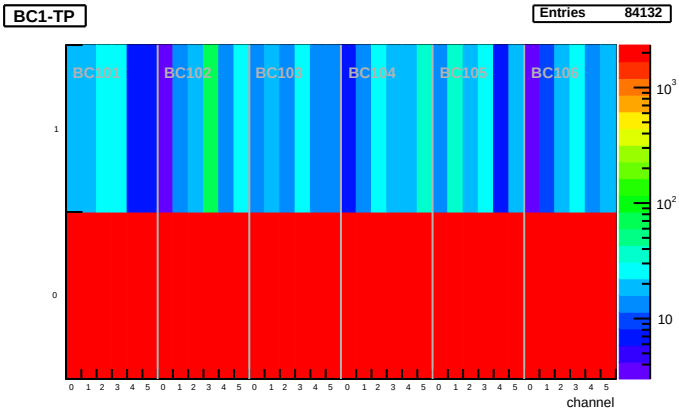
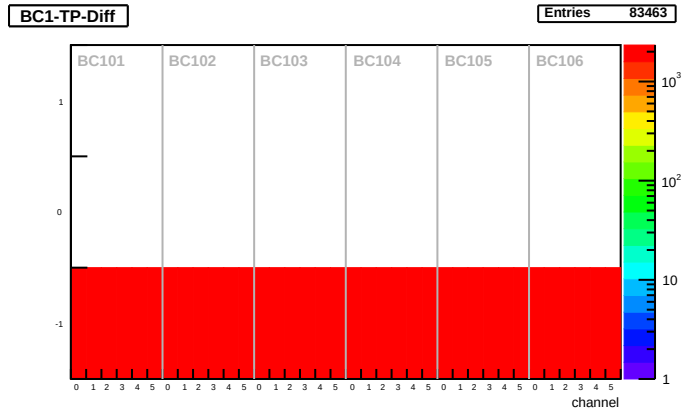

Barrel EMC L0 Input - High Tower
Entries 701100
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3

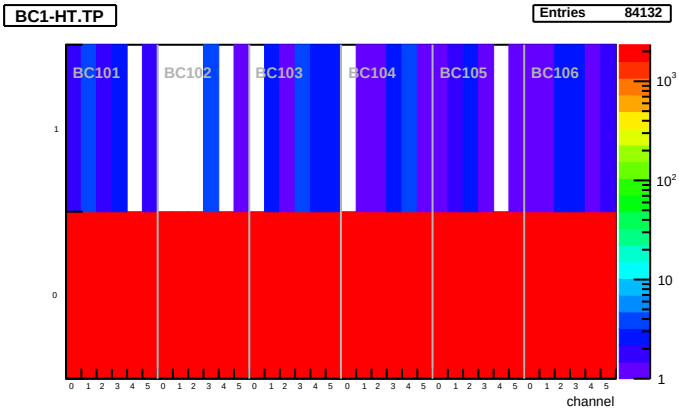

Barrel EMC L0 Input - Patch Sum
Entries 701100
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3

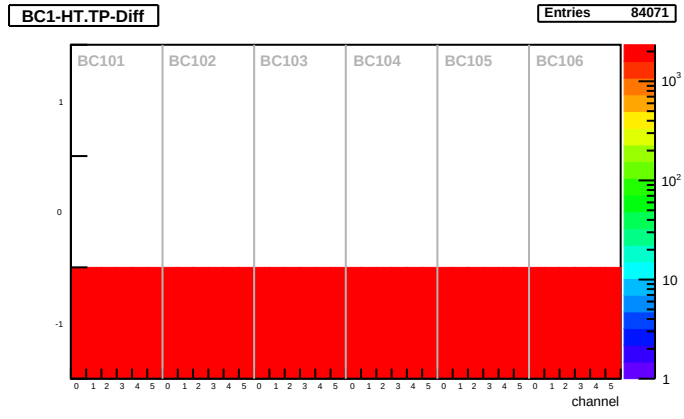

Endcap EMC L0 Input - High Tower
Entries 210330
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

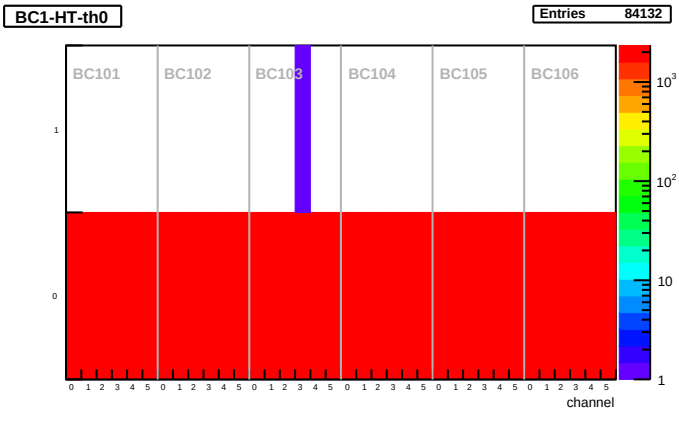

Endcap EMC L0 Input - Patch Sum
Entries 210330
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

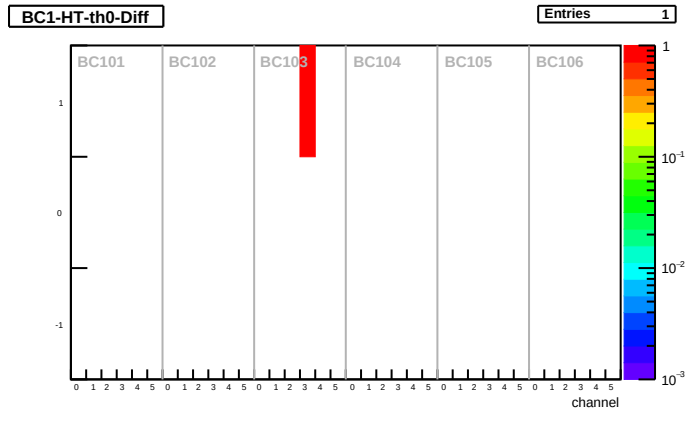

BC1-TP
Entries 84132
BC101
BC102
BC103
BC104
BC105
BC106
channel

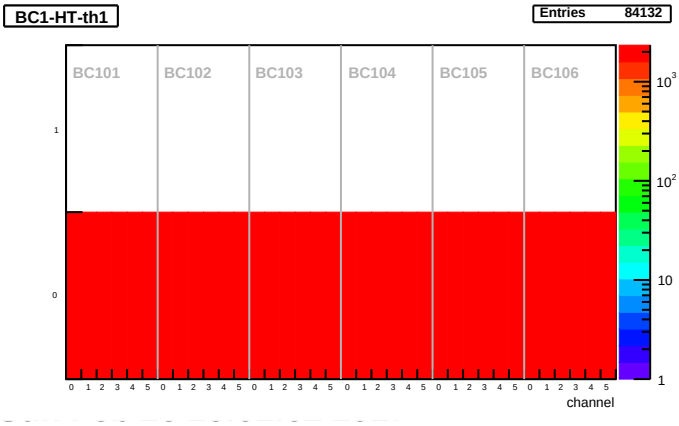

BC1-TP-Diff
Entries 83463
BC101
BC102
BC103
BC104
BC105
BC106
channel

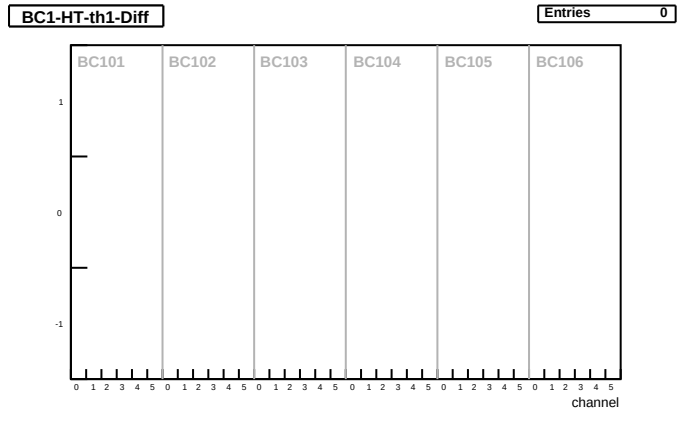

BC1-HT.TP
Entries 84132
BC101
BC102
BC103
BC104
BC105
BC106
channel

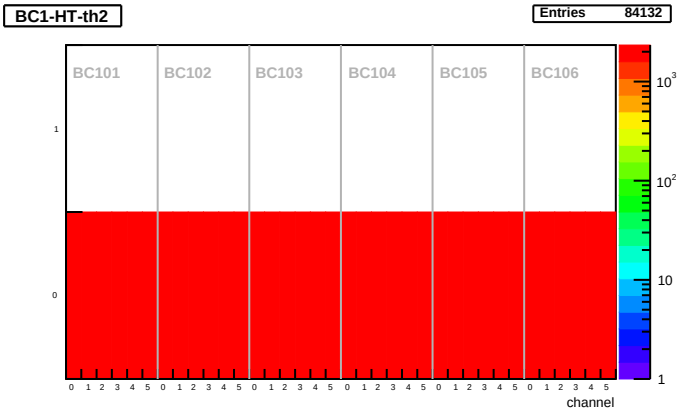

BC1-HT.TP-Diff
Entries 84071
BC101
BC102
BC103
BC104
BC105
BC106
channel

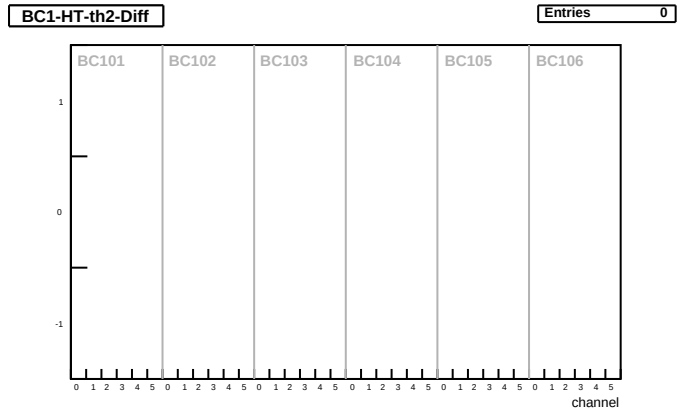

BC1-HT-th0
Entries 84132
BC101
BC102
BC103
BC104
BC105
BC106
channel

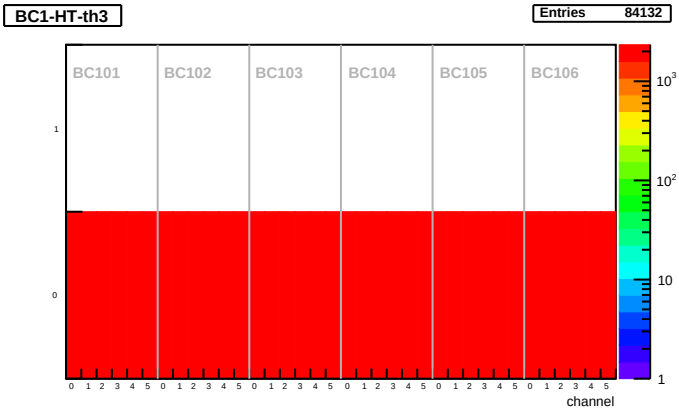

BC1-HT-th0-Diff
Entries 1
BC101
BC102
BC103
BC104
BC105
BC106
channel

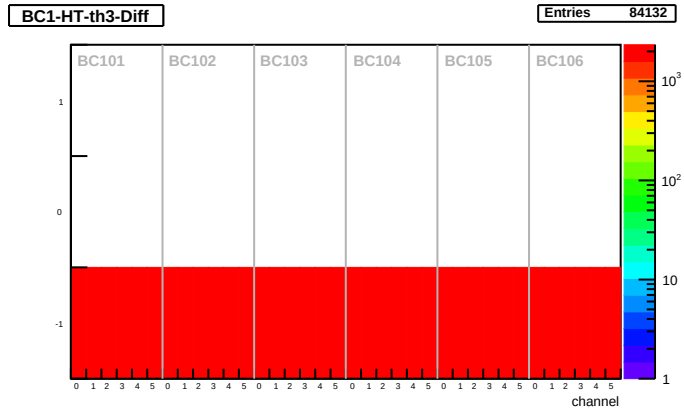

BC1-HT-th1
Entries 84132
BC101
BC102
BC103
BC104
BC105
BC106
channel

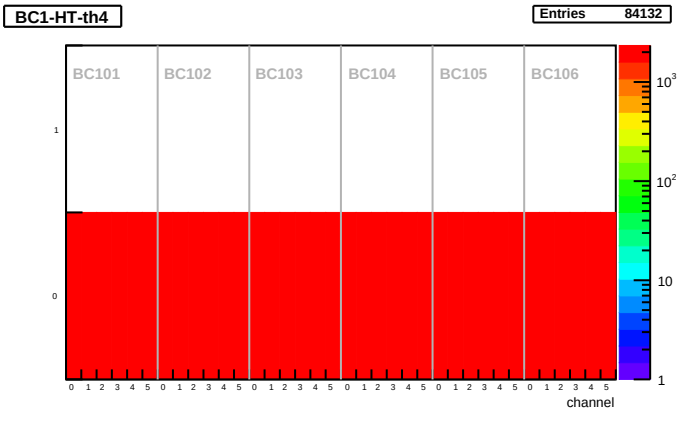

BC1-HT-th1-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

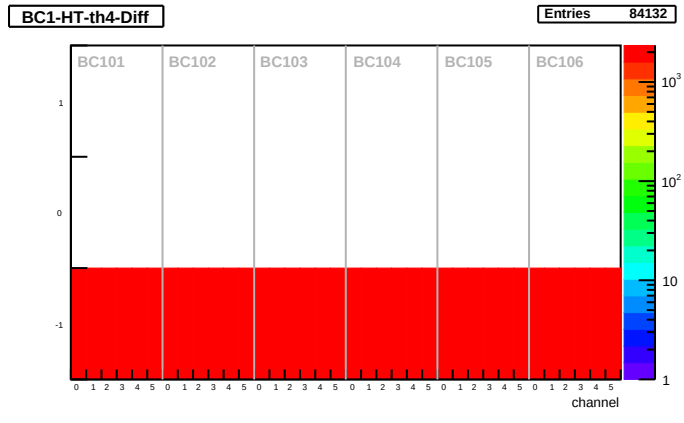

BC1-HT-th2
Entries 84132
BC101
BC102
BC103
BC104
BC105
BC106
channel

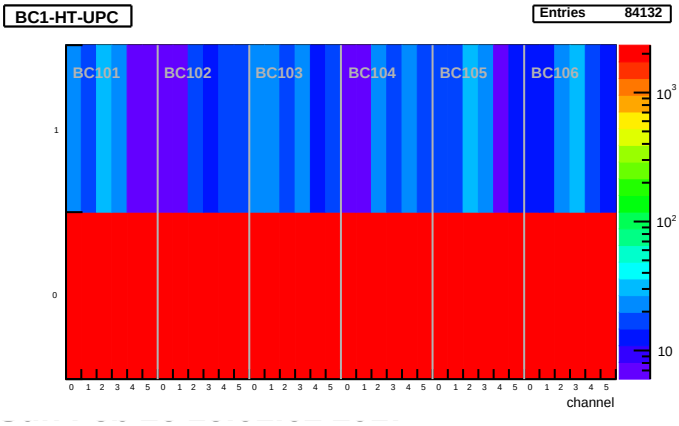

BC1-HT-th2-Diff
Entries 0
BC101
BC102
BC103
BC104
BC105
BC106
channel

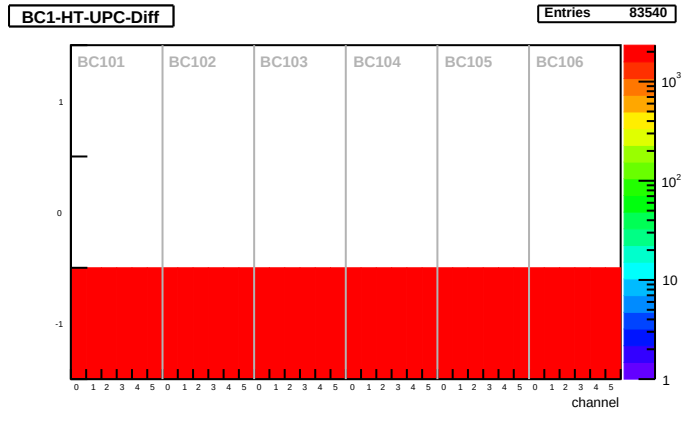

BC1-HT-th3
Entries 84132
BC101
BC102
BC103
BC104
BC105
BC106
channel

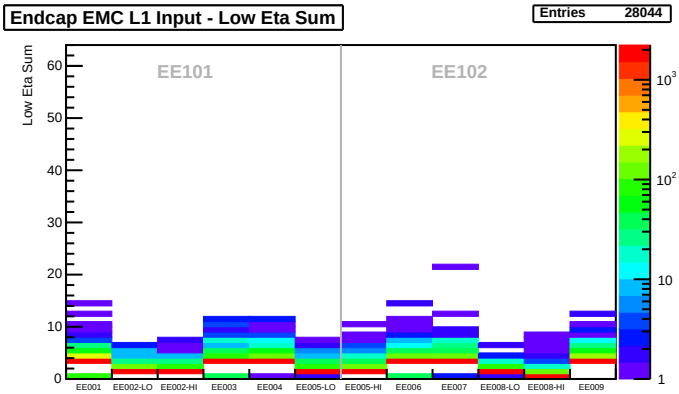

BC1-HT-th3-Diff
Entries 84132
BC101
BC102
BC103
BC104
BC105
BC106
channel

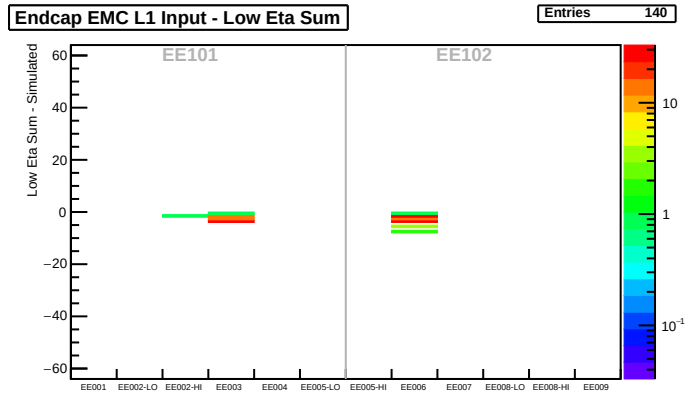

BC1-HT-th4
Entries 84132
BC101
BC102
BC103
BC104
BC105
BC106
channel

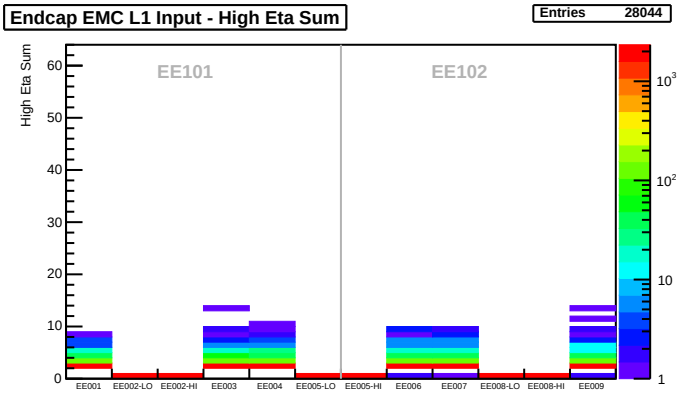

BC1-HT-th4-Diff
Entries 84132
BC101
BC102
BC103
BC104
BC105
BC106
channel

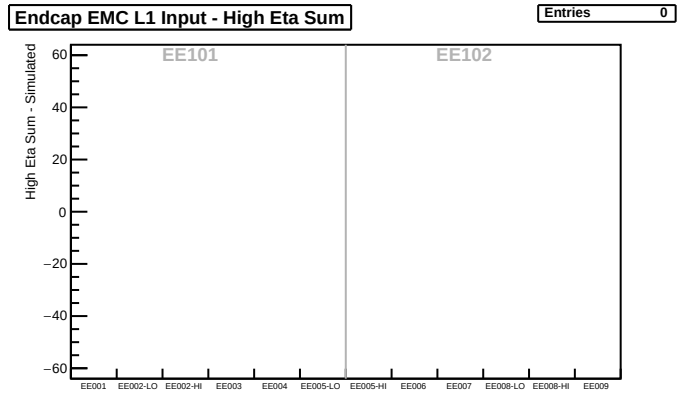

BC1-HT-UPC
Entries 84132
BC101
BC102
BC103
BC104
BC105
BC106
channel

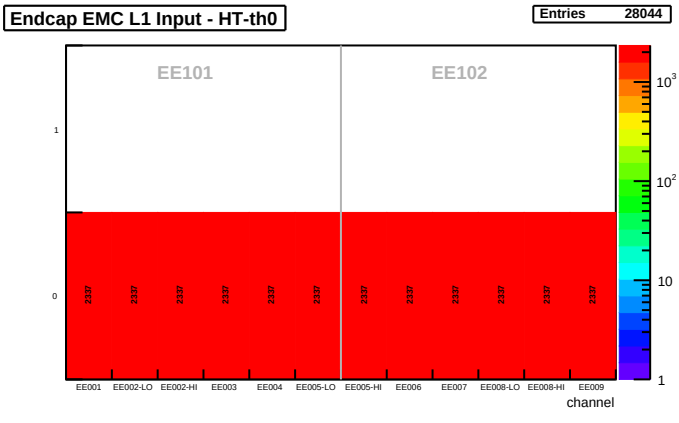

BC1-HT-UPC-Diff
Entries 83540
BC101
BC102
BC103
BC104
BC105
BC106
channel

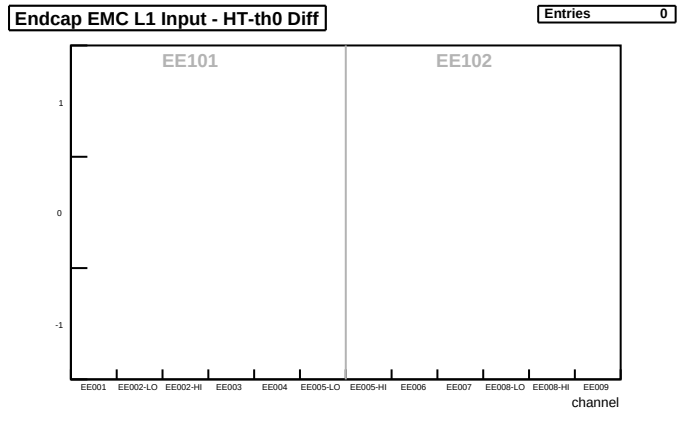

Endcap EMC L1 Input - Low Eta Sum
Entries 28044
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

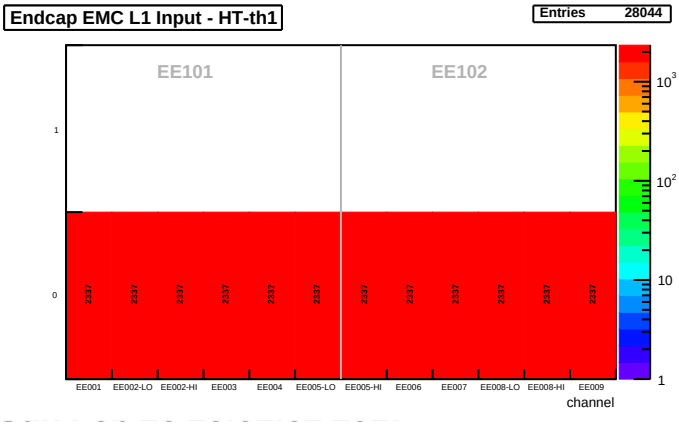

Endcap EMC L1 Input - Low Eta Sum
Entries 140
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

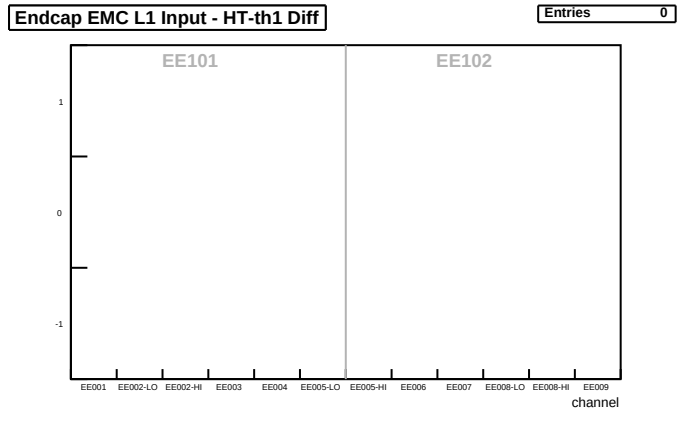

Endcap EMC L1 Input - High Eta Sum
Entries 28044
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

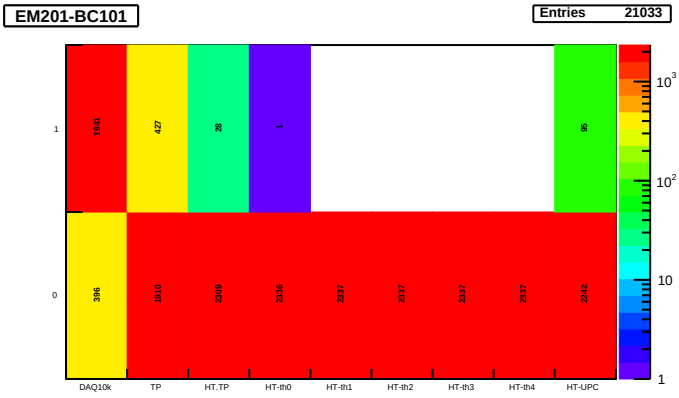

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

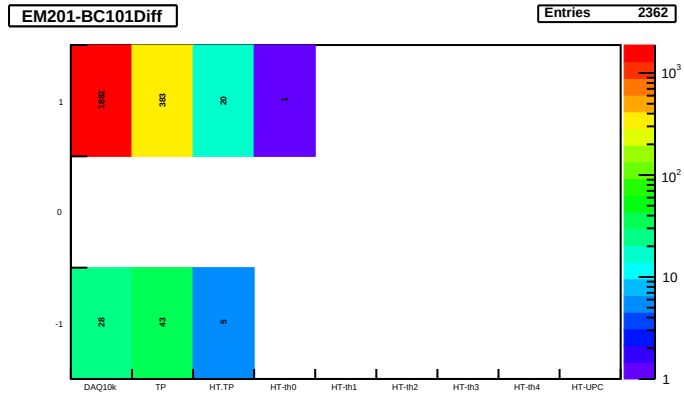

Endcap EMC L1 Input - HT-th0
Entries 28044
EE101
EE102
2337
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

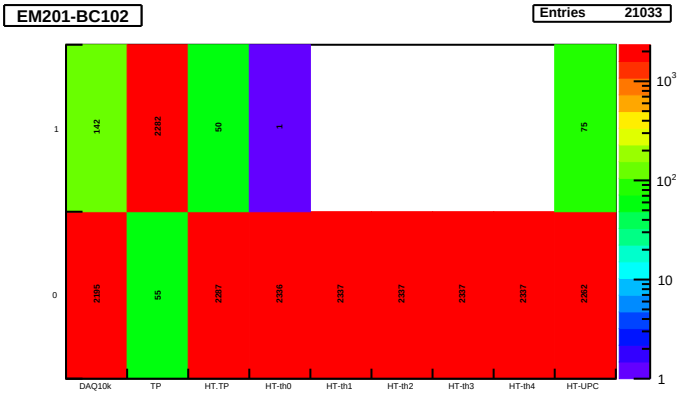

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

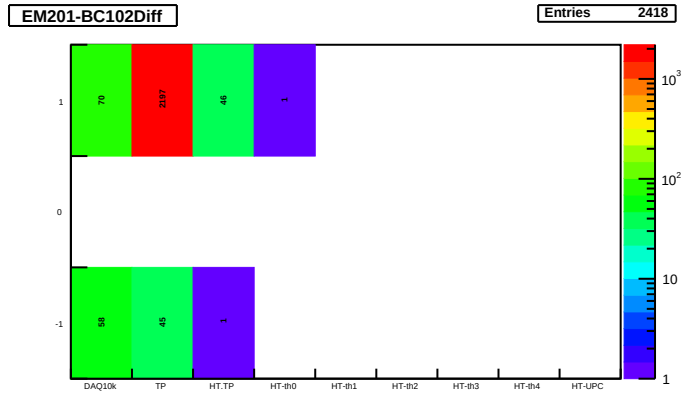

Endcap EMC L1 Input - HT-th1
Entries 28044
EE101
EE102
2337
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

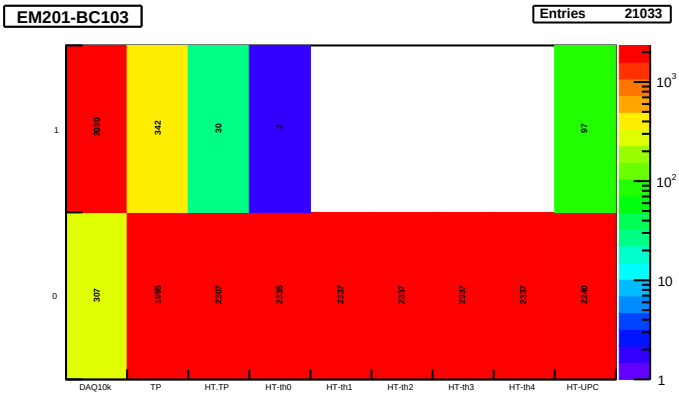

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

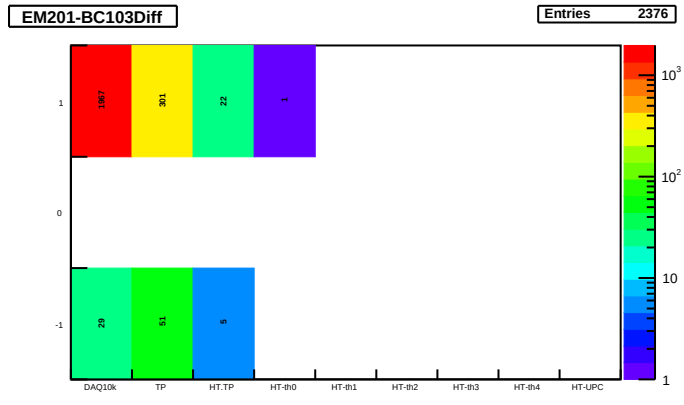

EM201-BC101
Entries 21033
1 1941 427 28 1 95
0 396 1910 2309 2336 2337 2337 2337 2337 2242
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3 10^2 10 1

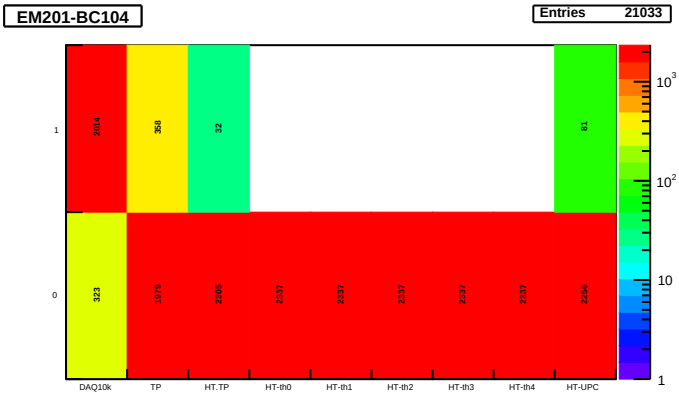

EM201-BC101Diff
Entries 2362
1 1882 383 20 1
0
-1 28 43 5
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3 10^2 10 1

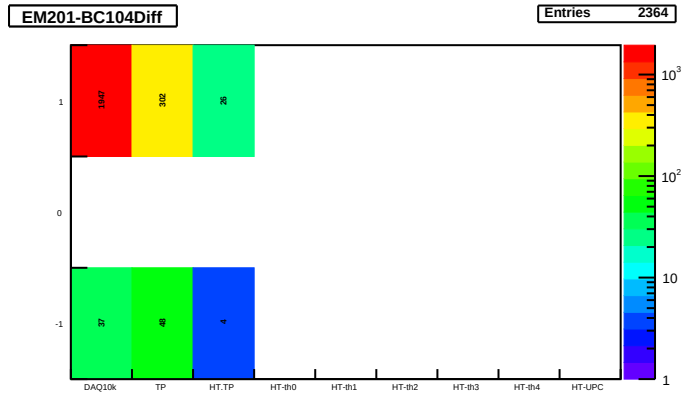

EM201-BC102
Entries 21033
1 142 2282 50 1 75
0 2195 55 2287 2336 2337 2337 2337 2337 2262
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3 10^2 10 1


EM201-BC102Diff
Entries 2418
1 70 2197 46 1
0
-1 58 45 1
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3 10^2 10 1

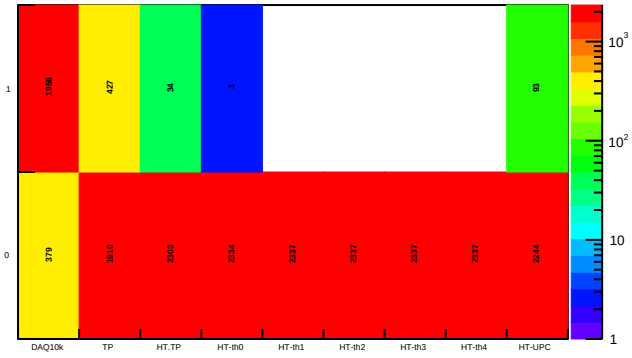

EM201-BC103
Entries 21033
1 2030 342 30 2 97
0 307 1995 2307 2335 2337 2337 2337 2337 2240
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3 10^2 10 1


EM201-BC103Diff
Entries 2376
1 1957 301 22 1
0
-1 29 51 5
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3 10^2 10 1

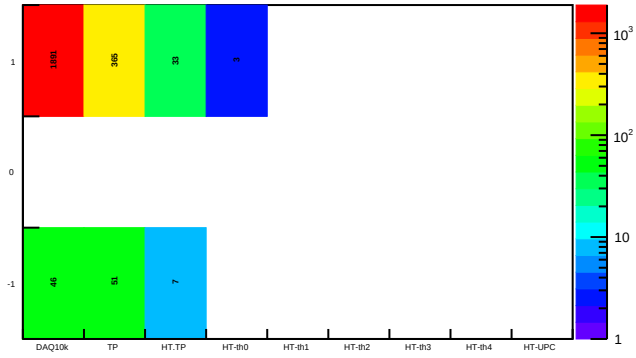

EM201-BC104
Entries 21033
1 2014 358 32 81
0 323 1979 2305 2337 2337 2337 2337 2337 2256
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3 10^2 10 1


EM201-BC104Diff
Entries 2364
1 1947 302 26
0
-1 37 48 4
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^3 10^2 10 1

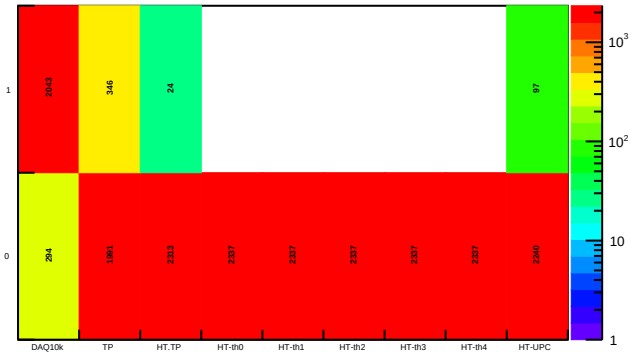
EM201-BC105 Entries 21033



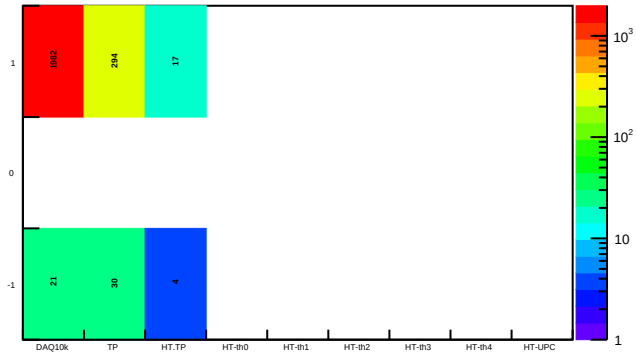
EM201-BC105Diff Entries 2396



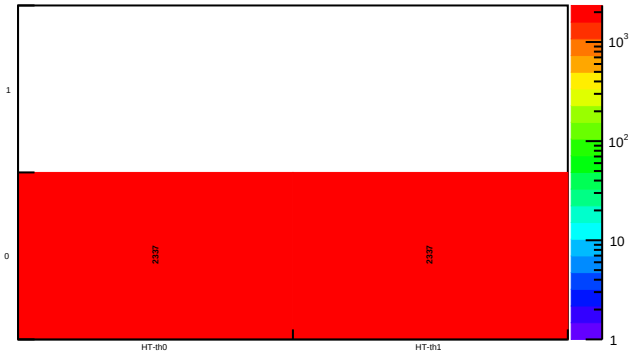
EM201-BC106 Entries 21033



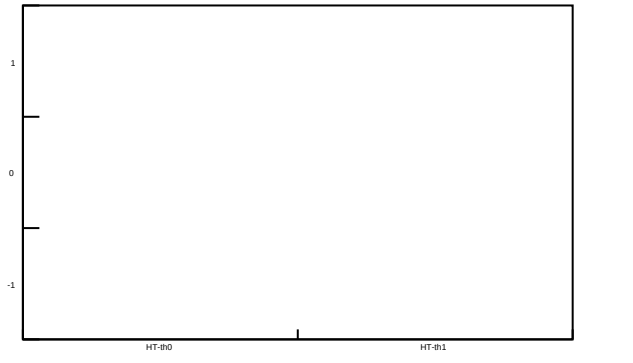
EM201-BC106Diff Entries 2348



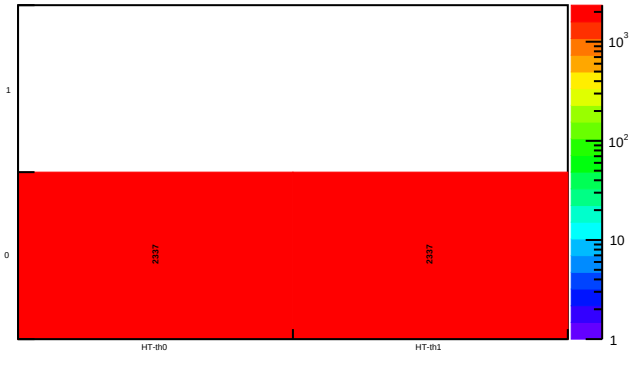
EM201-EE101 Entries 4674



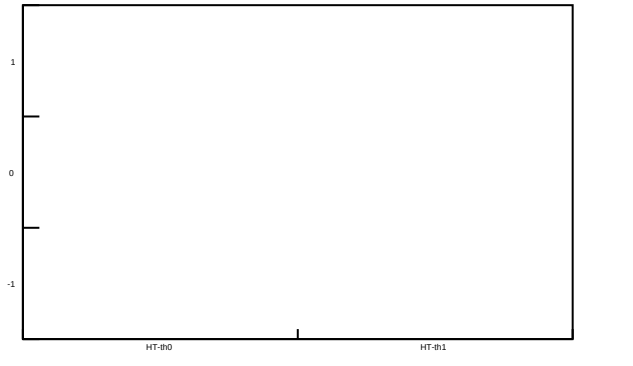
EM201-EE101Diff Entries 0

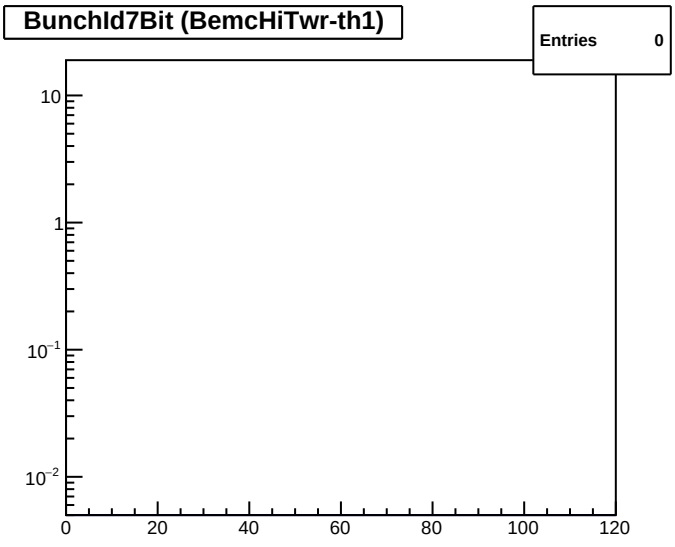


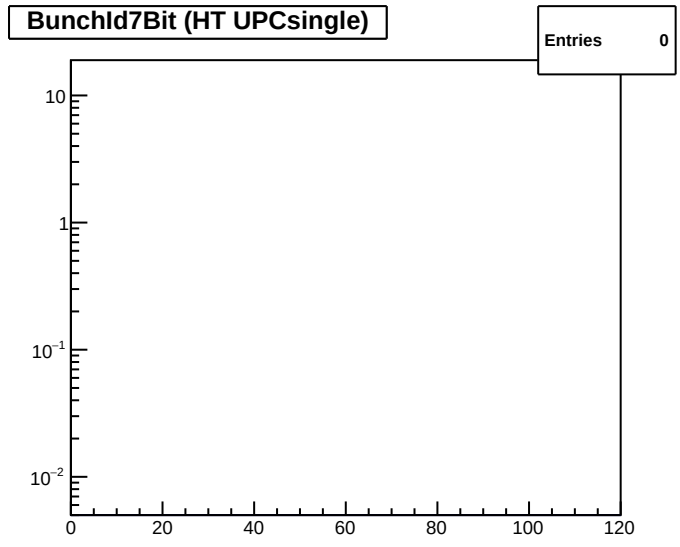
EM201-EE102 Entries 4674

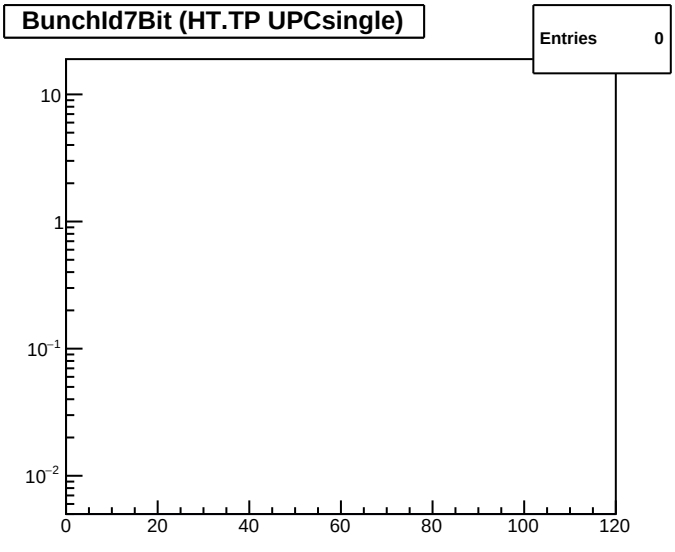


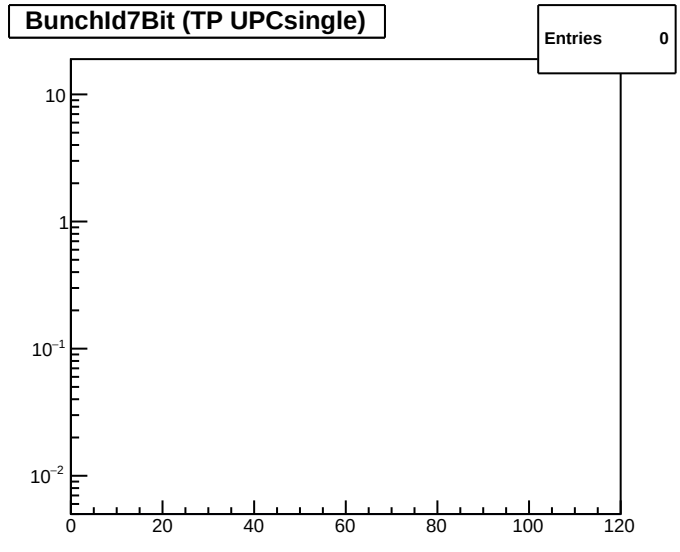
EM201-EE102Diff Entries 0

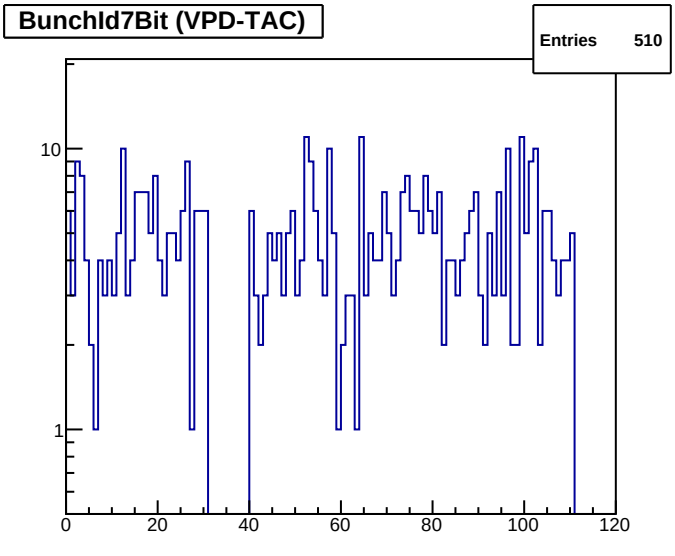


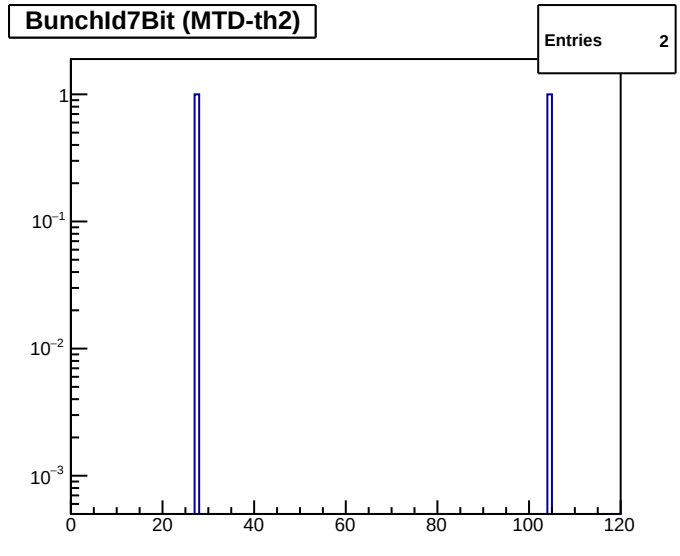

BunchId7Bit (BemcHiTwr-th1)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

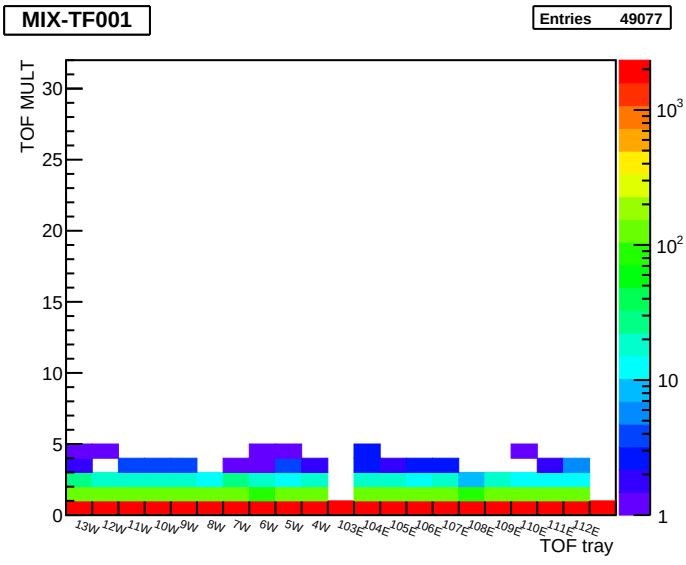

BunchId7Bit (HT UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

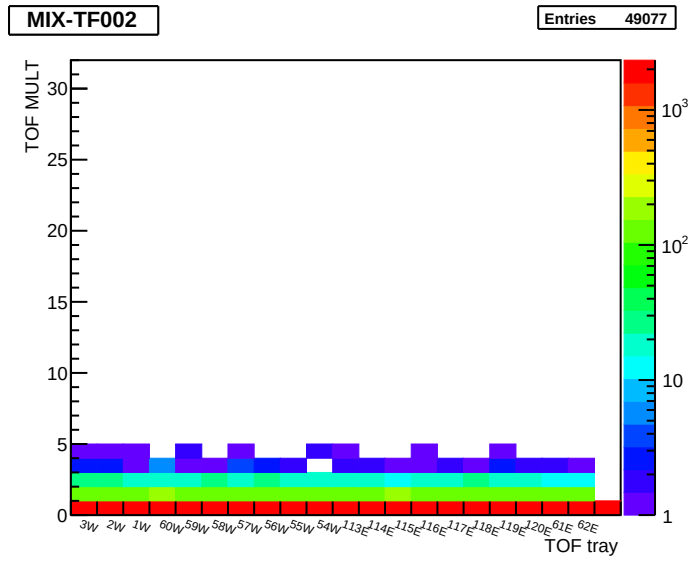

BunchId7Bit (HT.TP UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

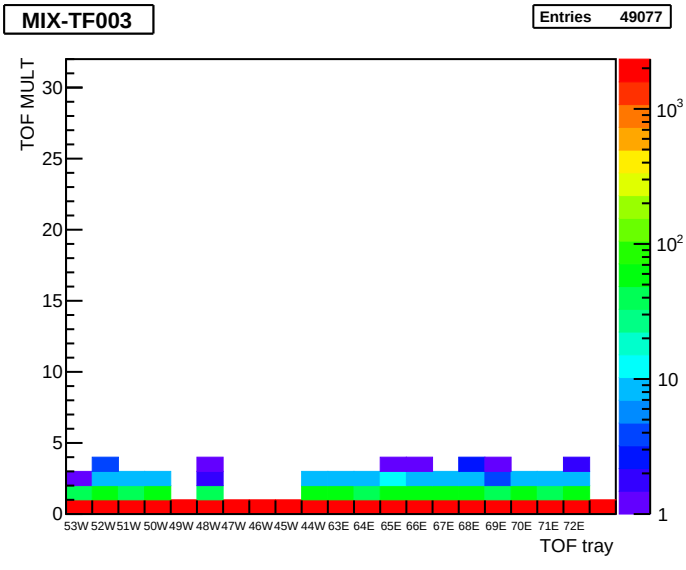

BunchId7Bit (TP UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

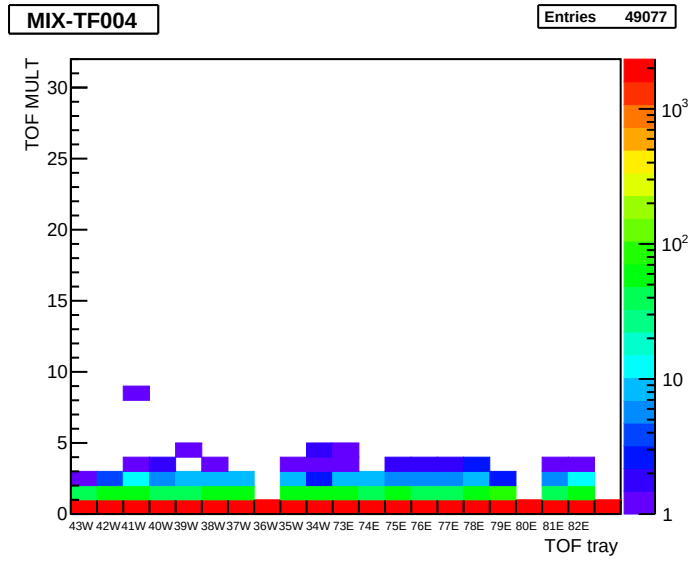

BunchId7Bit (VPD-TAC)
Entries 510
10
1
0 20 40 60 80 100 120

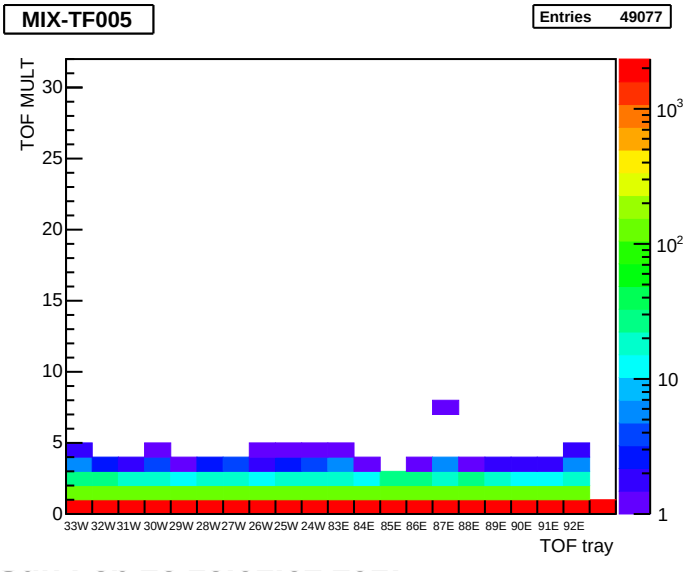

BunchId7Bit (MTD-th2)
Entries 2
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

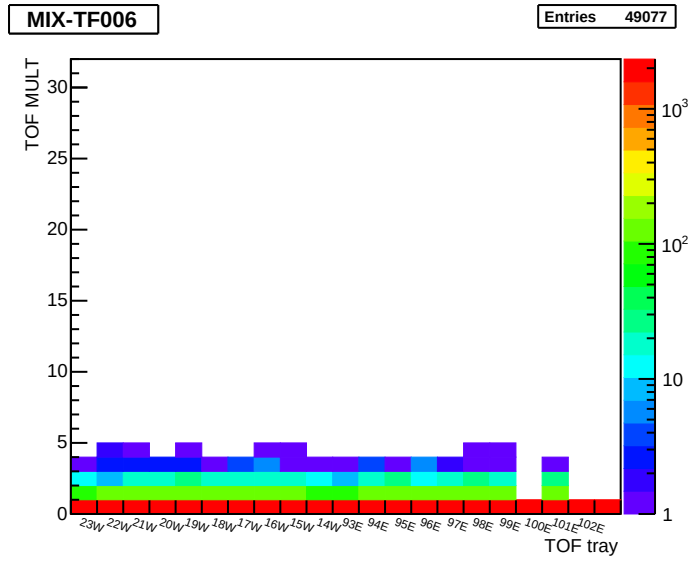

MIX-TF001
Entries 49077
TOF MULT
TOF tray

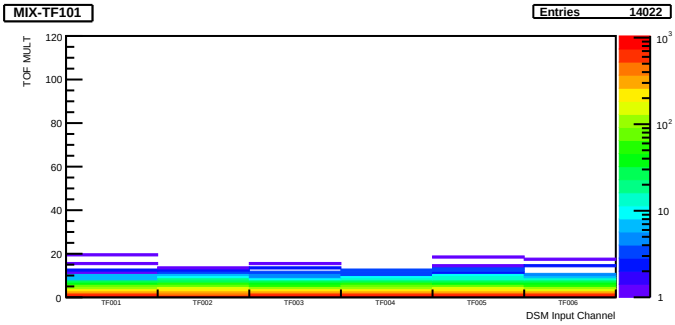

MIX-TF002
Entries 49077
TOF MULT
TOF tray

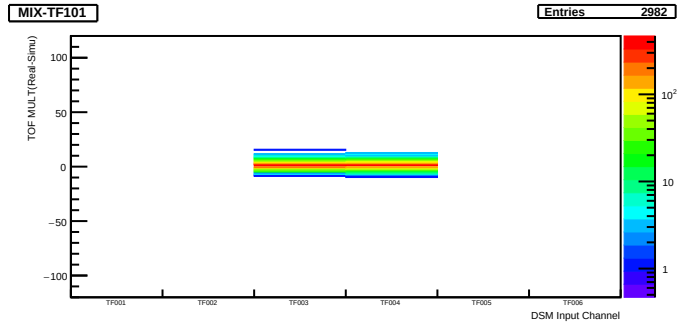

MIX-TF003
Entries 49077
TOF MULT
TOF tray

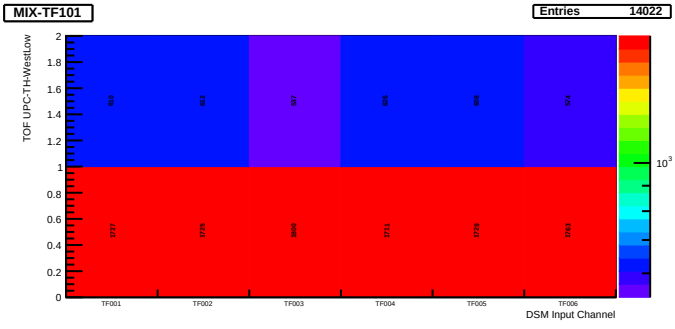

MIX-TF004
Entries 49077
TOF MULT
TOF tray

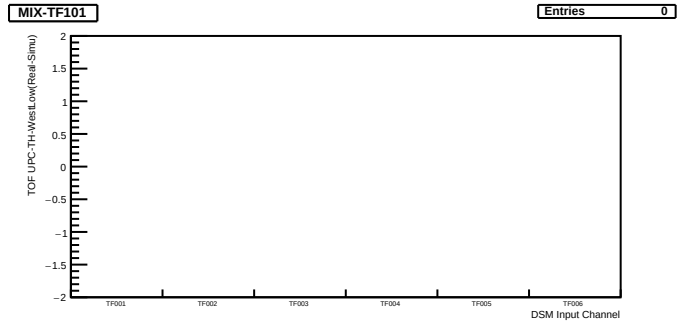

MIX-TF005
Entries 49077
TOF MULT
TOF tray

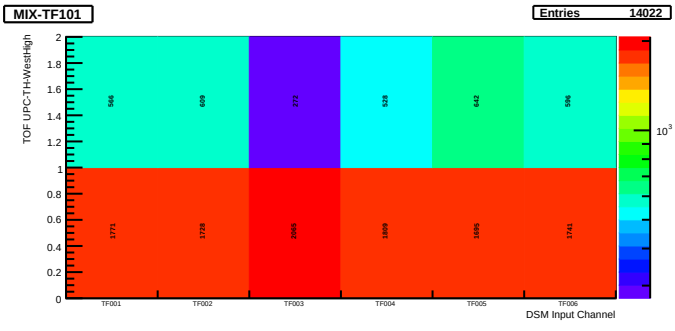

MIX-TF006
Entries 49077
TOF MULT
TOF tray

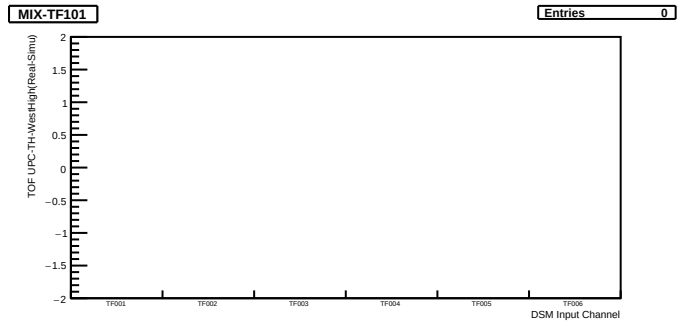

MIX-TF101
Entries 14022
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

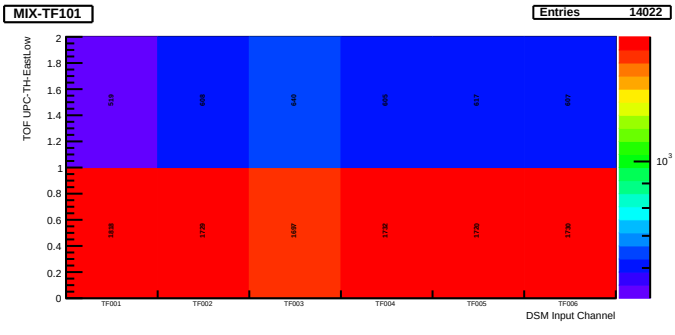

MIX-TF101
Entries 2982
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

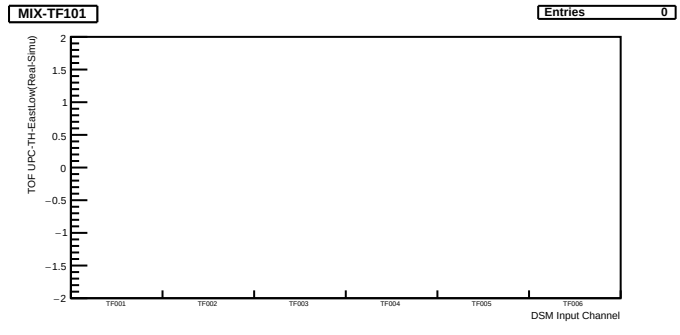

MIX-TF101
Entries 14022
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

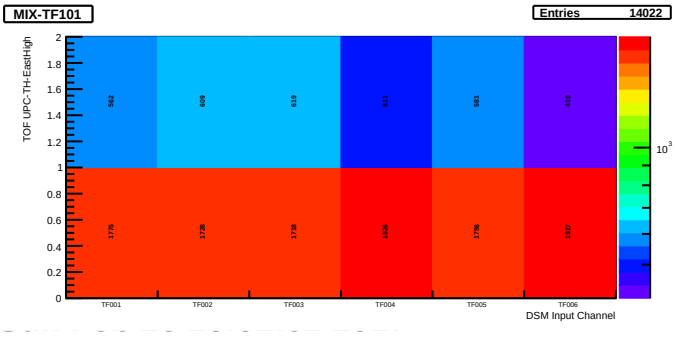

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

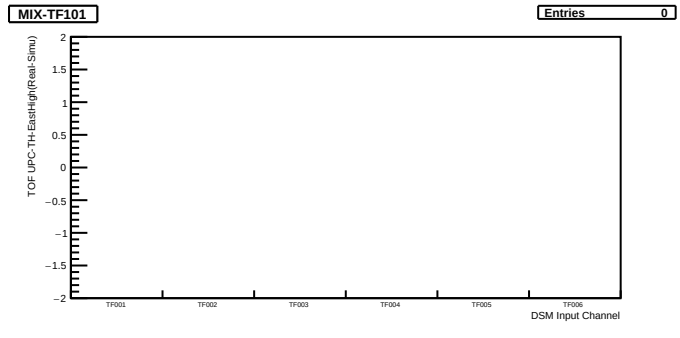

MIX-TF101
Entries 14022
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

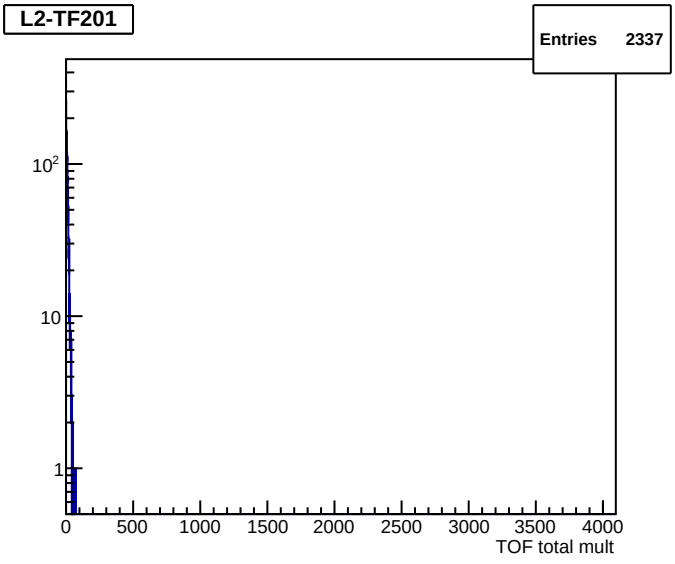

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

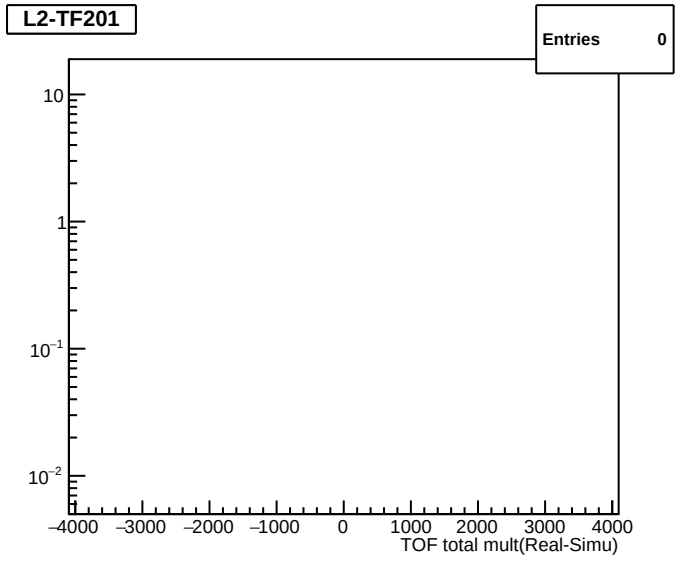

MIX-TF101
Entries 14022
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

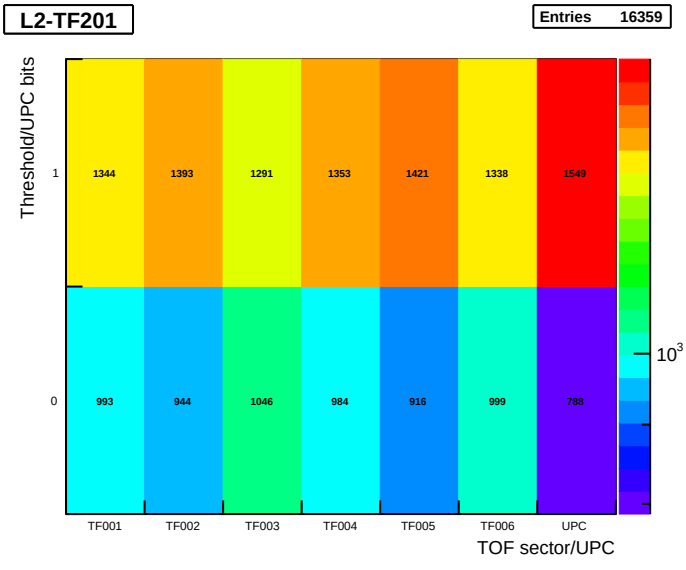

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

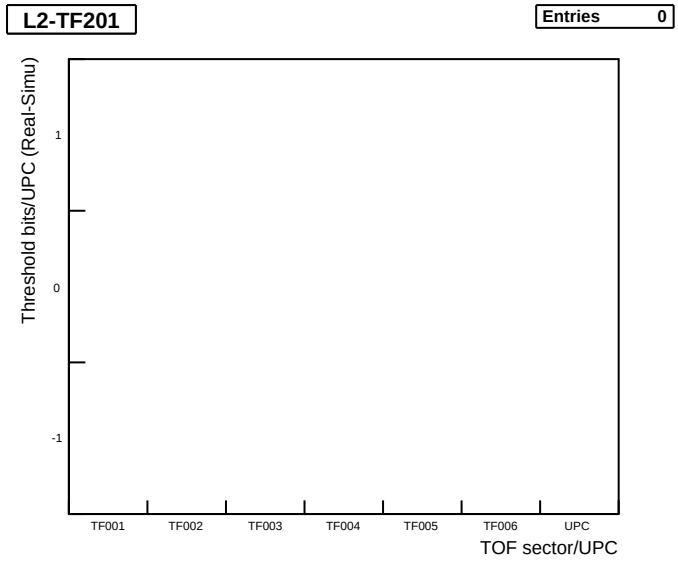

MIX-TF101
Entries 14022
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

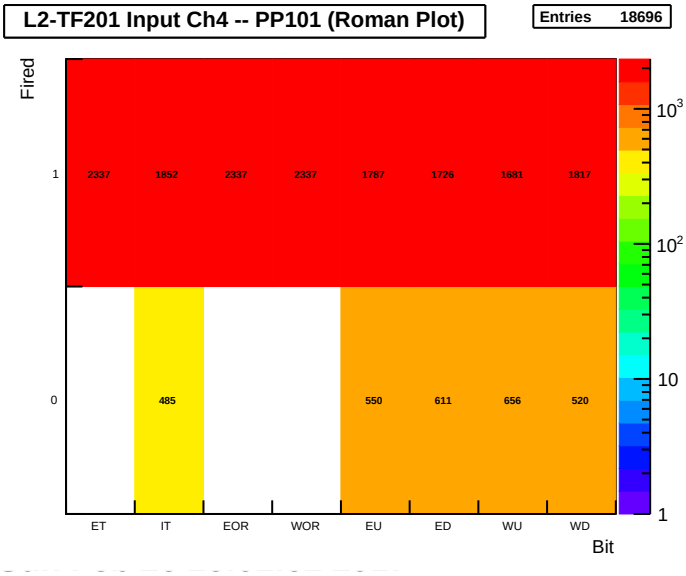

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

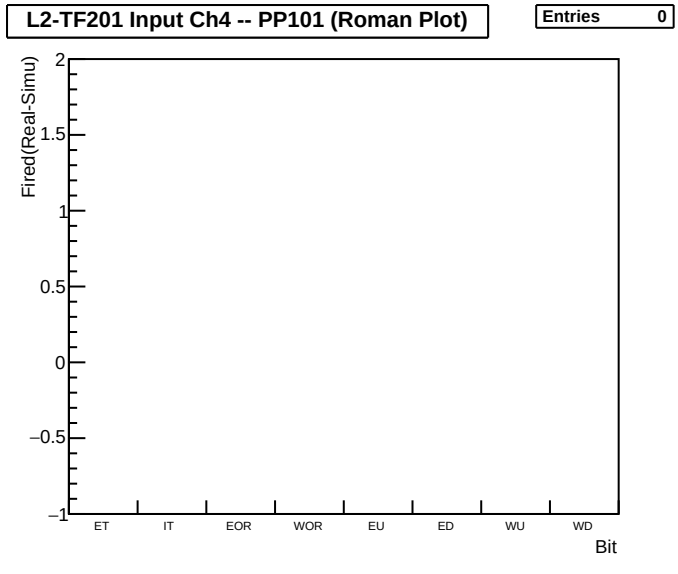

L2-TF201
Entries 2337
TOF total mult

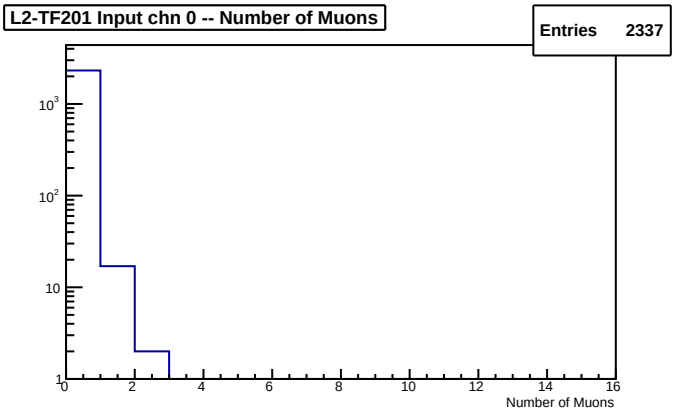

L2-TF201
Entries 0
TOF total mult(Real-Simu)

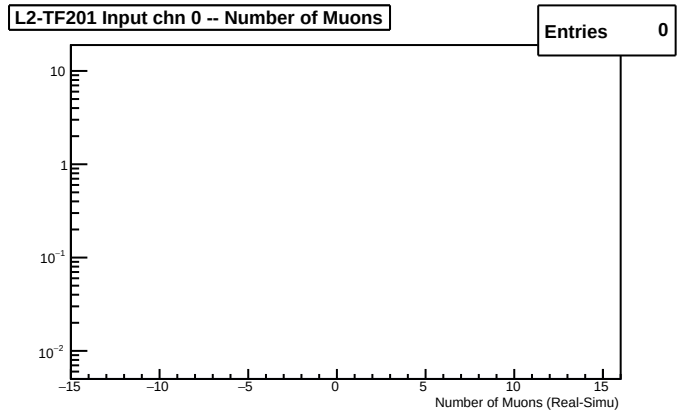

L2-TF201
Entries 16359
Threshold/UPC bits
1344 1393 1291 1353 1421 1338 1549
993 944 1046 984 916 999 788
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

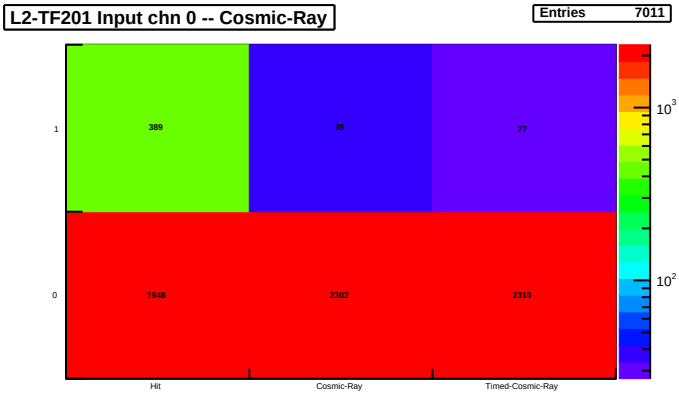

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

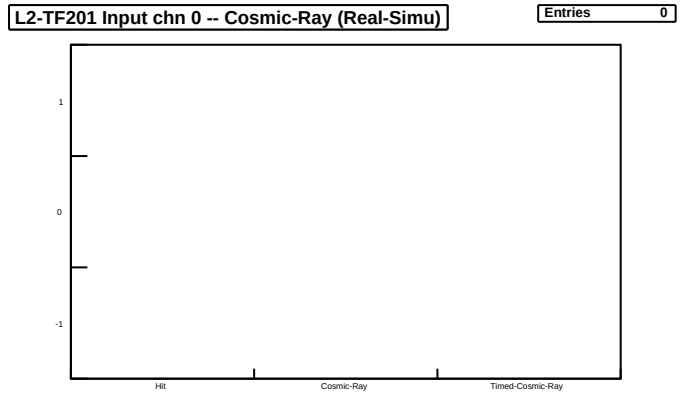

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 18696
Fired
2337 1852 2337 2337 1787 1726 1681 1817
485 550 611 656 520
ET IT EOR WOR EU ED WU WD
Bit

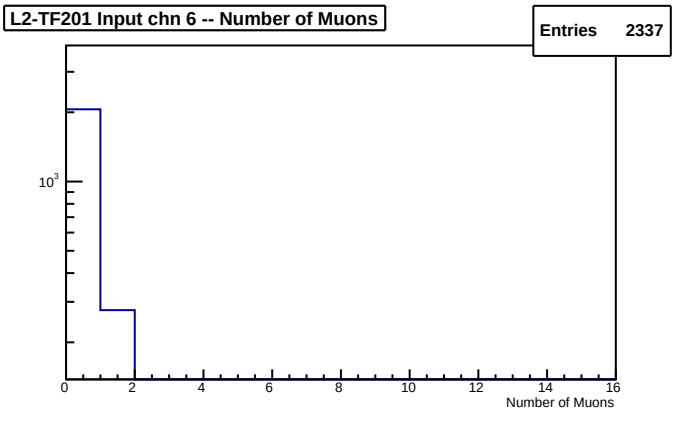

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

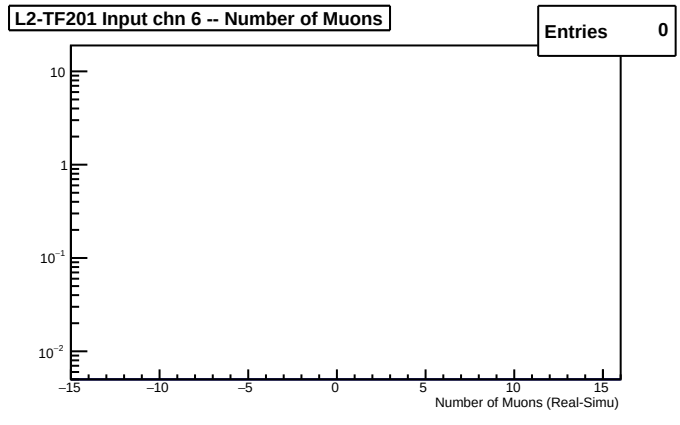

L2-TF201 Input chn 0 -- Number of Muons
Entries 2337
Number of Muons

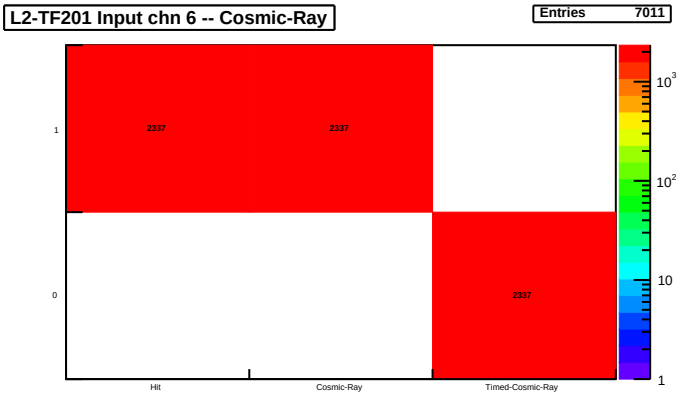

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

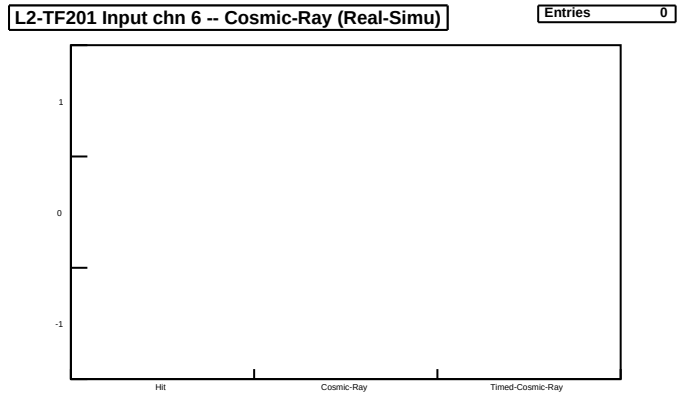

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 7011
389
35
27
1948
2302
2310
Hit
Cosmic-Ray
Timed-Cosmic-Ray

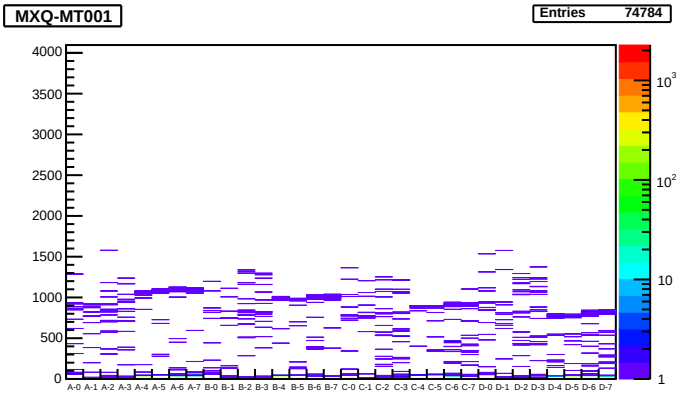

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

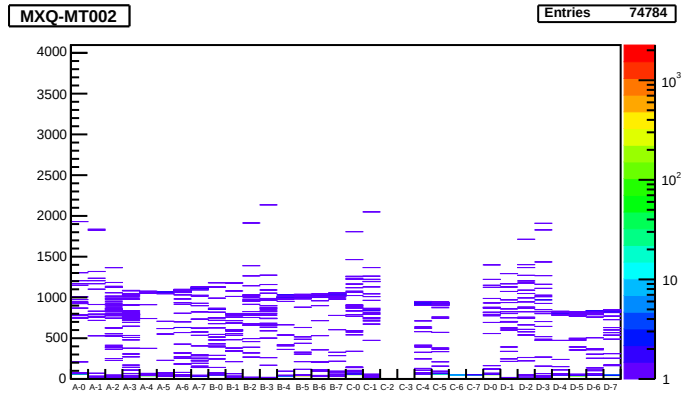

L2-TF201 Input chn 6 -- Number of Muons
Entries 2337
Number of Muons

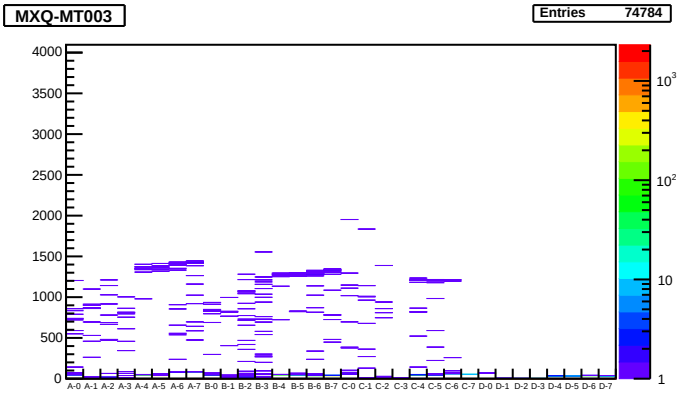

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

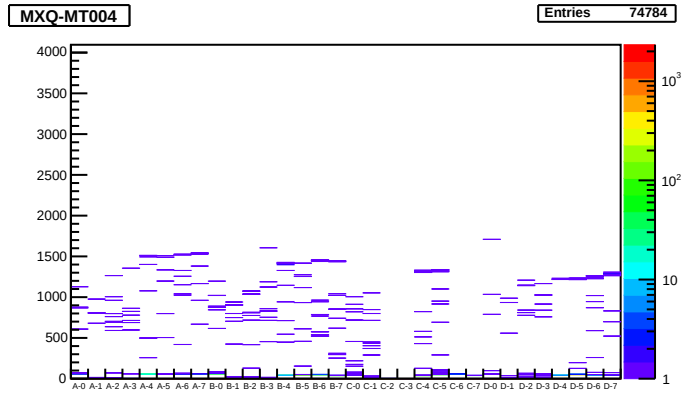

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 7011
2337
2337
2337
Hit
Cosmic-Ray
Timed-Cosmic-Ray

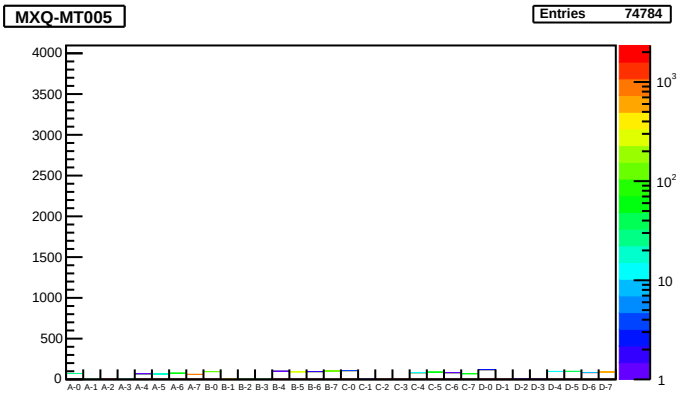

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

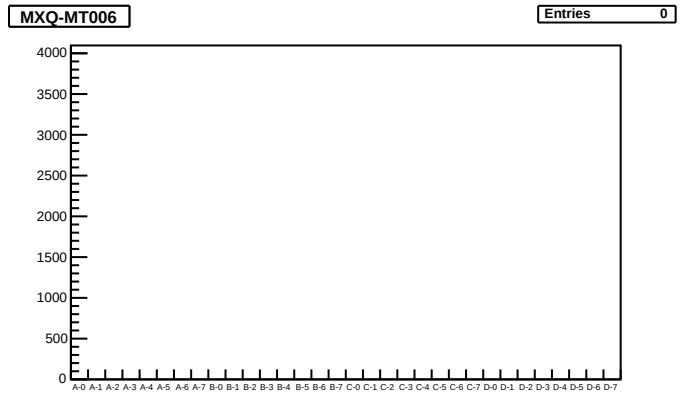

MXQ-MT001
Entries 74784

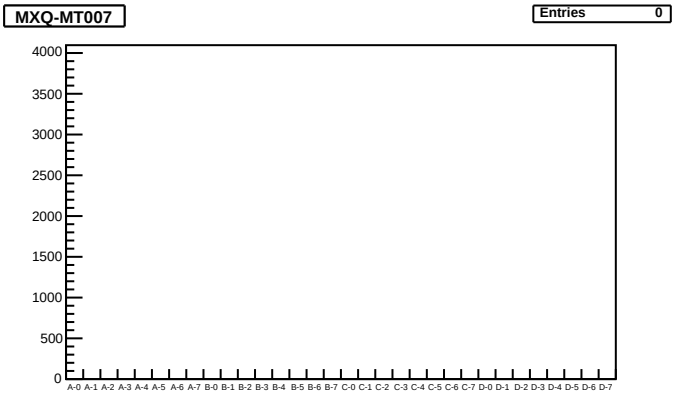

MXQ-MT002
Entries 74784

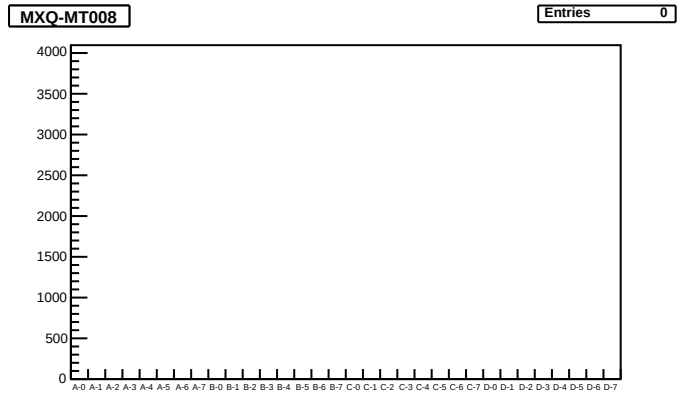

MXQ-MT003
Entries 74784

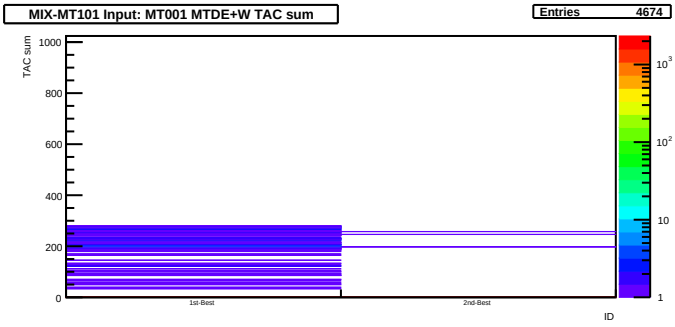

MXQ-MT004
Entries 74784

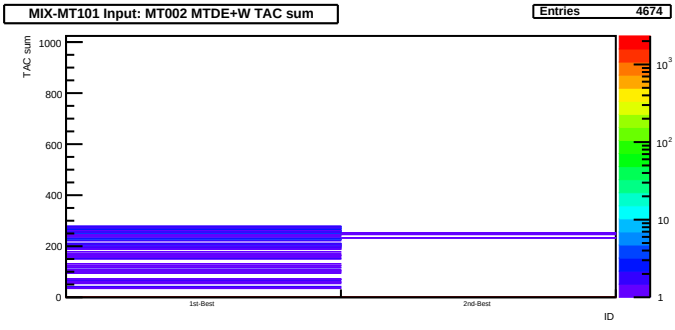

MXQ-MT005
Entries 74784

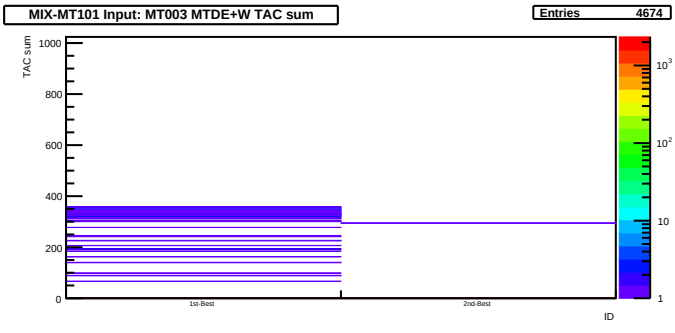

MXQ-MT006
Entries 0

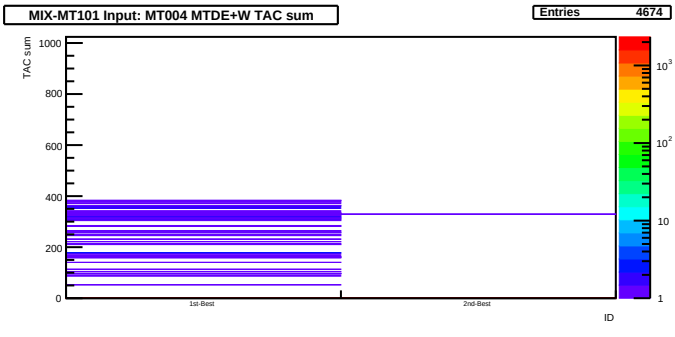

MXQ-MT007
Entries 0

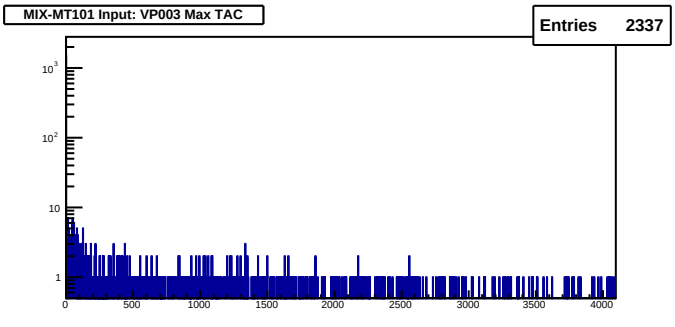

MXQ-MT008
Entries 0

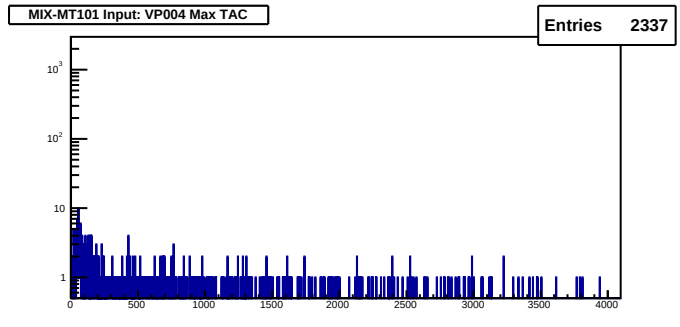

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 4674
TAC sum
1st-Best
2nd-Best
ID

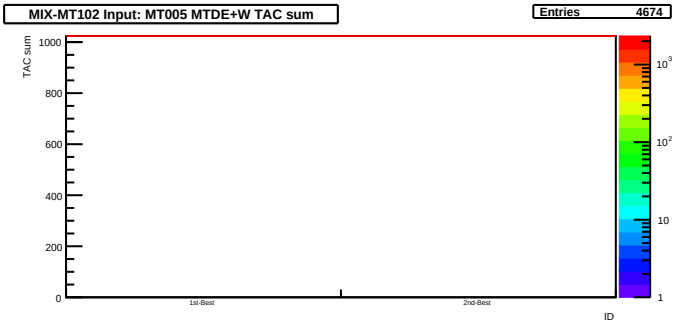

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 4674
TAC sum
1st-Best
2nd-Best
ID

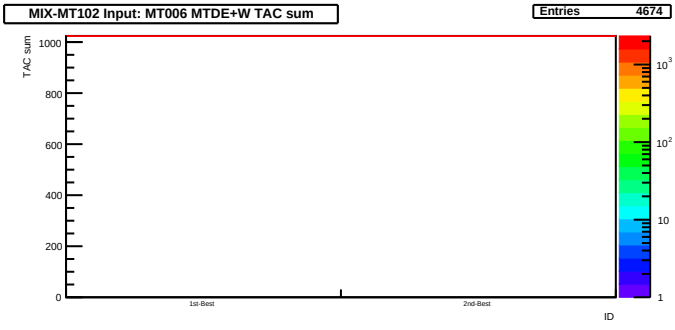

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 4674
TAC sum
1st-Best
2nd-Best
ID

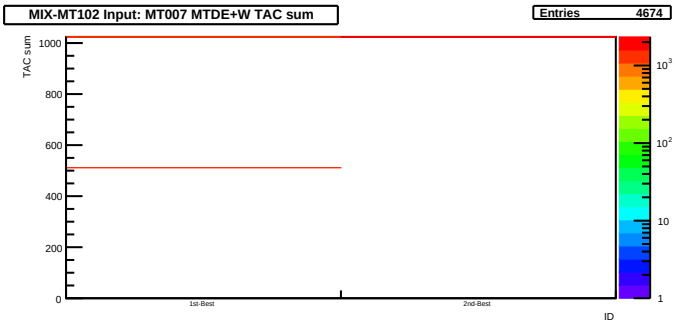

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 4674
TAC sum
1st-Best
2nd-Best
ID

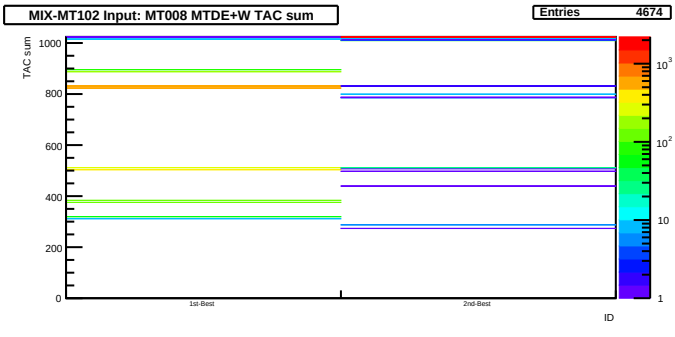

MIX-MT101 Input: VP003 Max TAC
Entries 2337

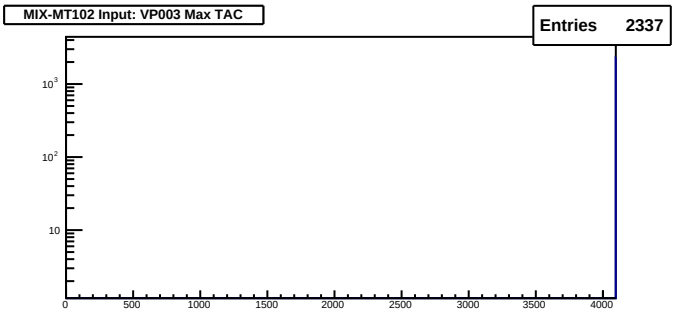

MIX-MT101 Input: VP004 Max TAC
Entries 2337

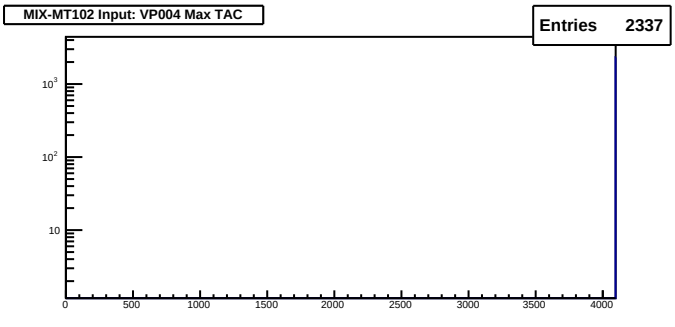

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 4674
TAC sum
1st-Best
2nd-Best
ID

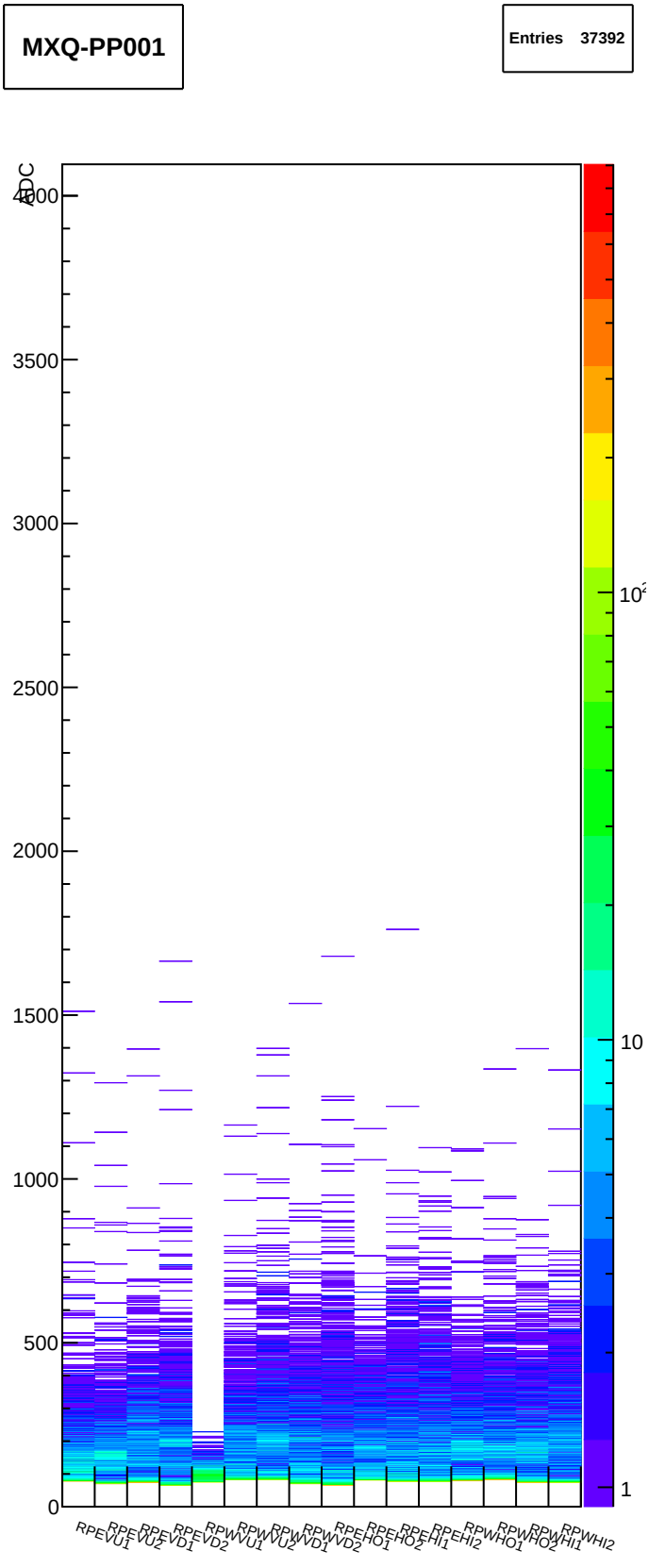

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 4674
TAC sum
1st-Best
2nd-Best
ID

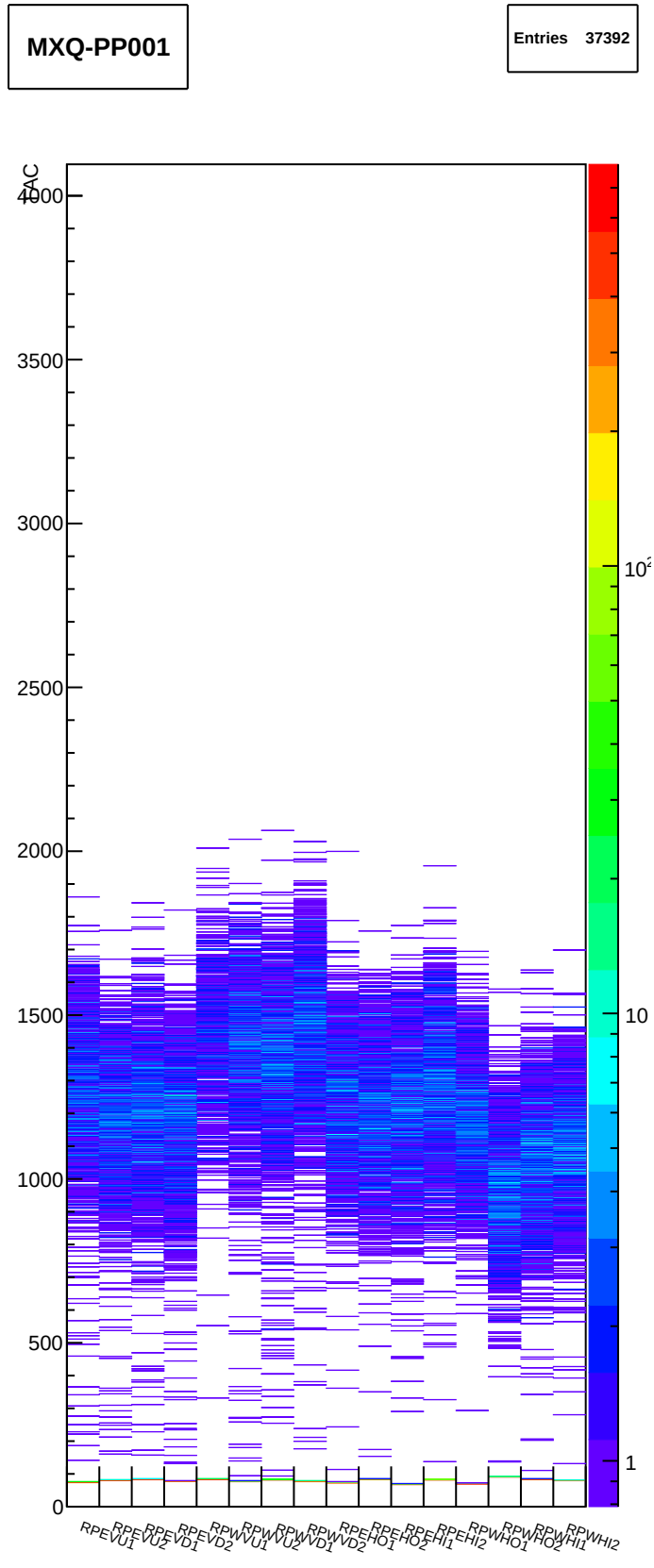

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 4674
TAC sum
1st-Best
2nd-Best
ID

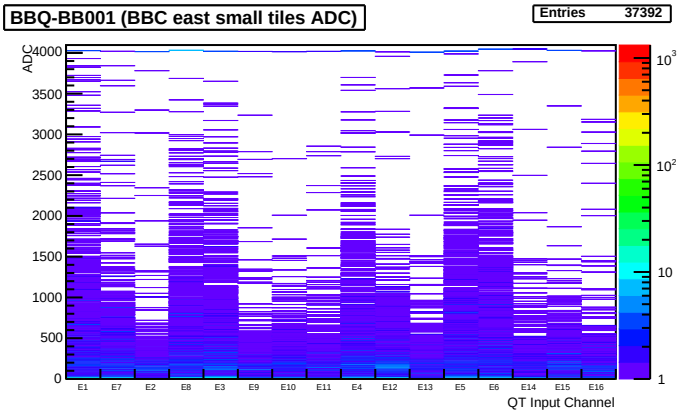

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 4674
TAC sum
1st-Best
2nd-Best
ID

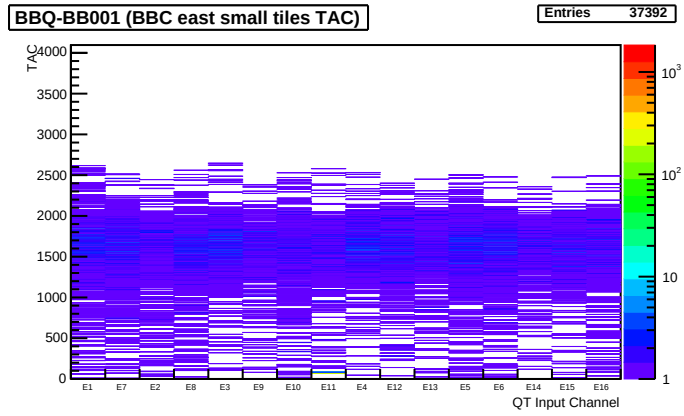

MIX-MT102 Input: VP003 Max TAC
Entries 2337

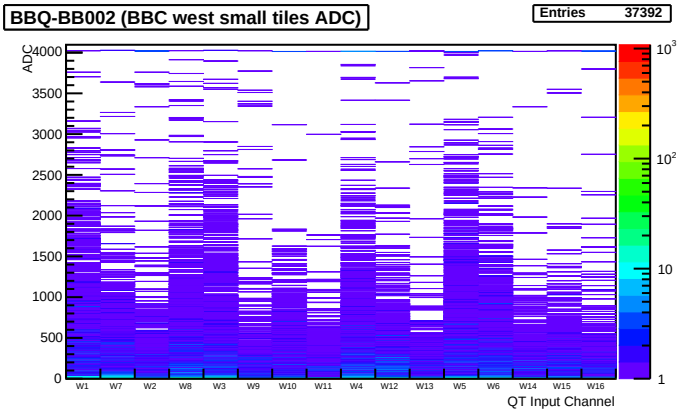

MIX-MT102 Input: VP004 Max TAC
Entries 2337

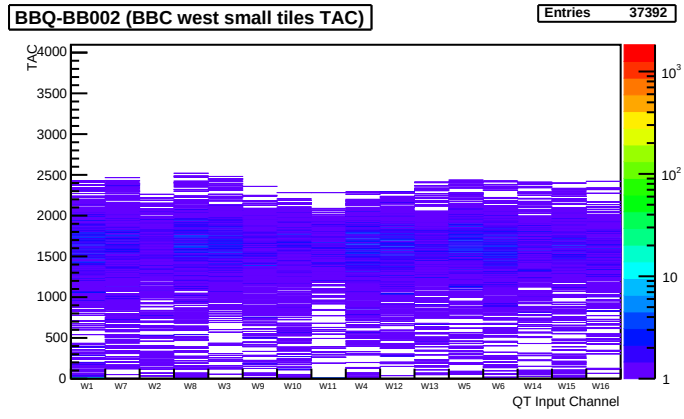

MXQ-PP001
Entries 37392
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10²
10
1

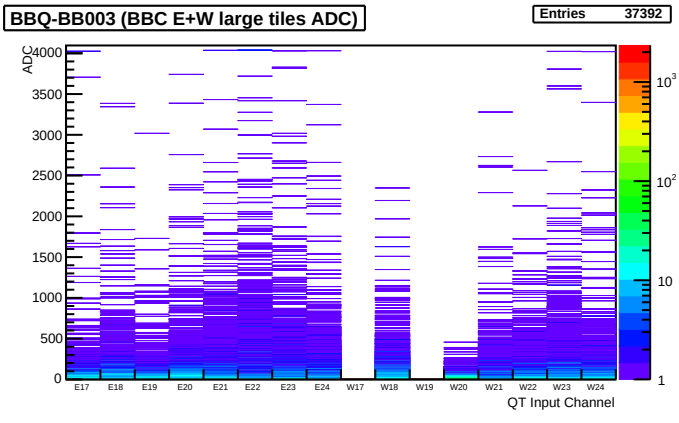

MXQ-PP001
Entries 37392
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10²
10
1

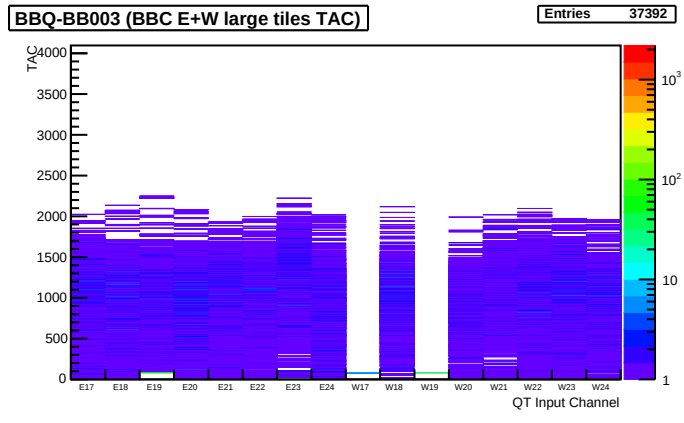

BBQ-BB001 (BBC east small tiles ADC)
Entries 37392
ADC
QT Input Channel

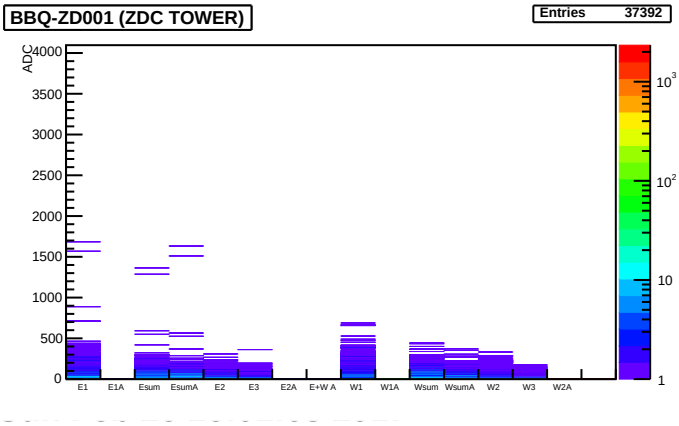

BBQ-BB001 (BBC east small tiles TAC)
Entries 37392
TAC
QT Input Channel

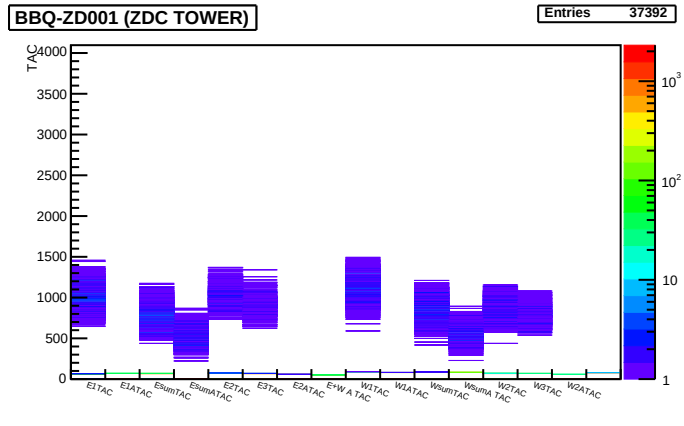

BBQ-BB002 (BBC west small tiles ADC)
Entries 37392
ADC
QT Input Channel

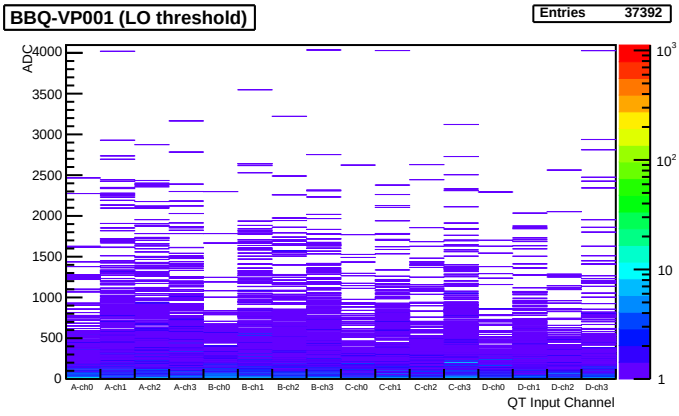

BBQ-BB002 (BBC west small tiles TAC)
Entries 37392
TAC
QT Input Channel

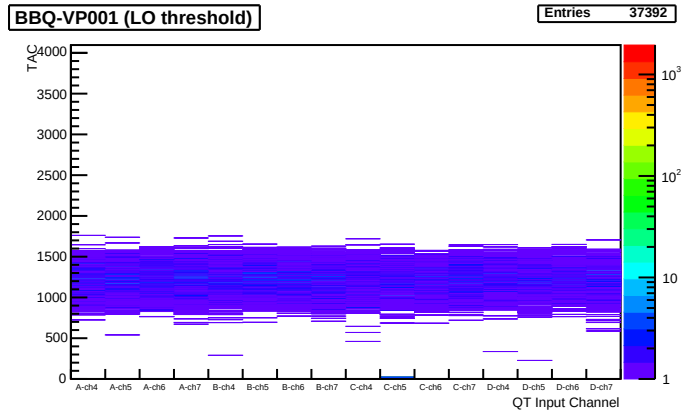

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 37392
ADC
QT Input Channel

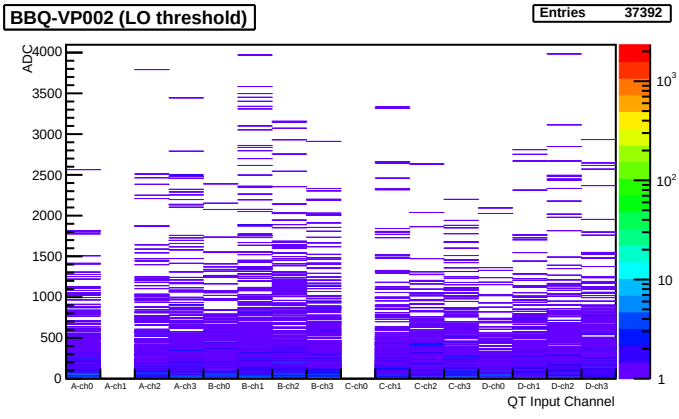

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 37392
TAC
QT Input Channel

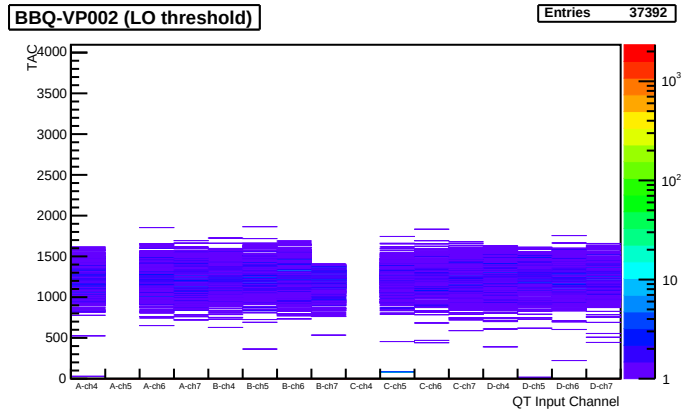

BBQ-ZD001 (ZDC TOWER)
Entries 37392
ADC

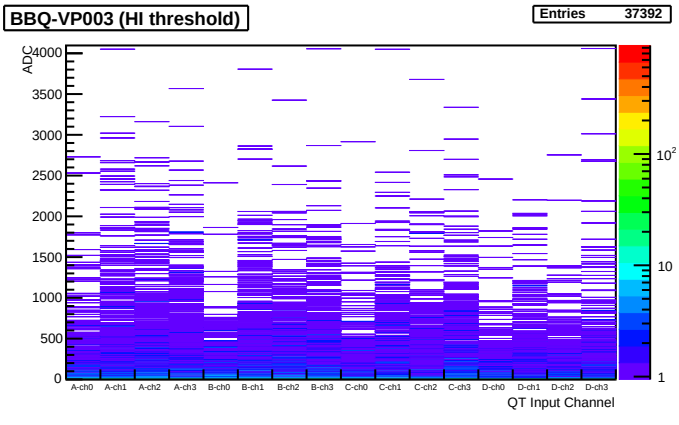

BBQ-ZD001 (ZDC TOWER)
Entries 37392
TAC

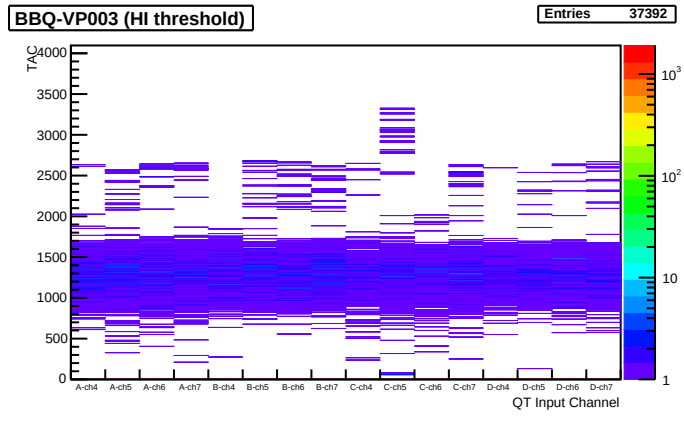

BBQ-VP001 (LO threshold)
Entries 37392
ADC
QT Input Channel

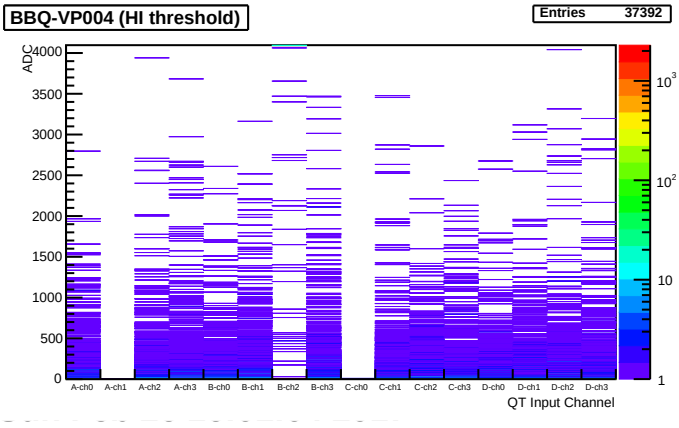

BBQ-VP001 (LO threshold)
Entries 37392
TAC
QT Input Channel

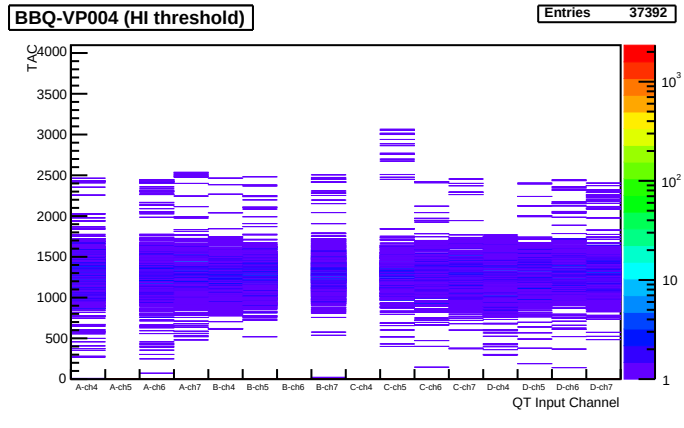

BBQ-VP002 (LO threshold)
Entries 37392
ADC
QT Input Channel

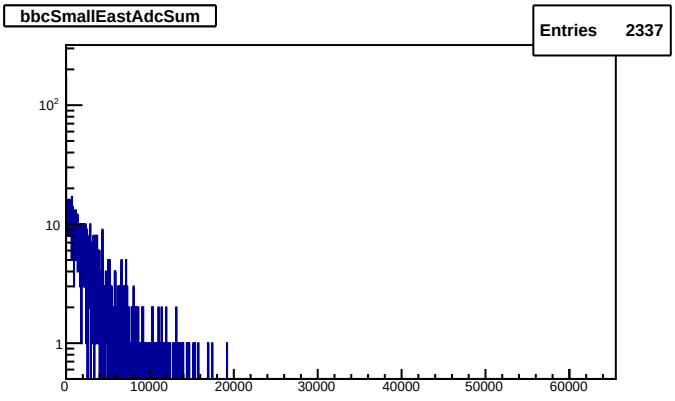

BBQ-VP002 (LO threshold)
Entries 37392
TAC
QT Input Channel

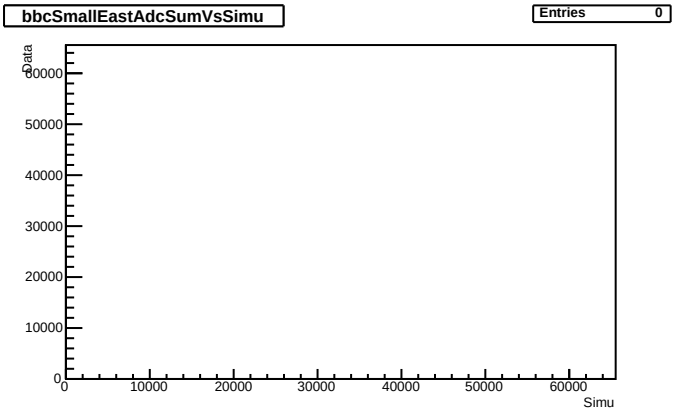

BBQ-VP003 (HI threshold)
Entries 37392
ADC
QT Input Channel

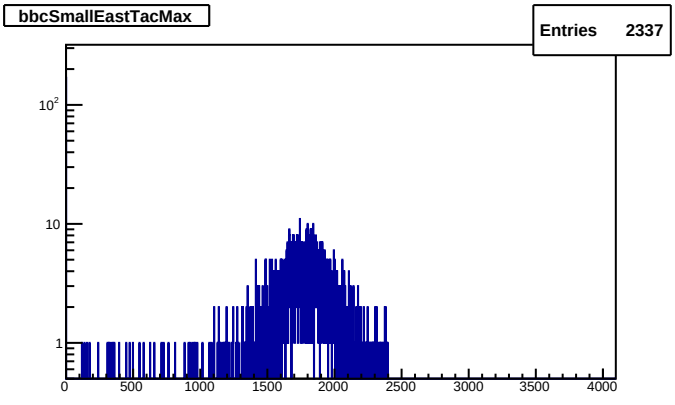

BBQ-VP003 (HI threshold)
Entries 37392
TAC
QT Input Channel

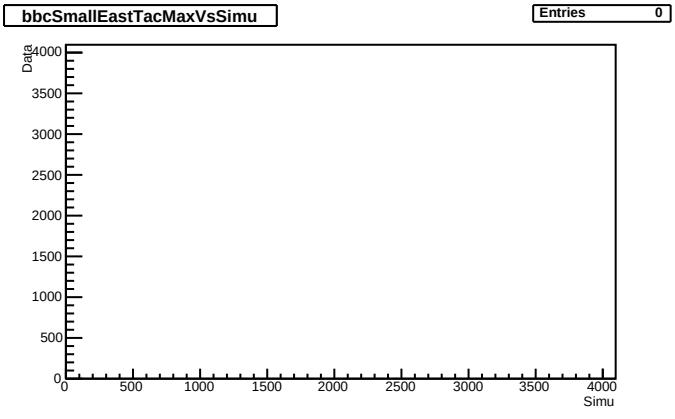

BBQ-VP004 (HI threshold)
Entries 37392
ADC
QT Input Channel

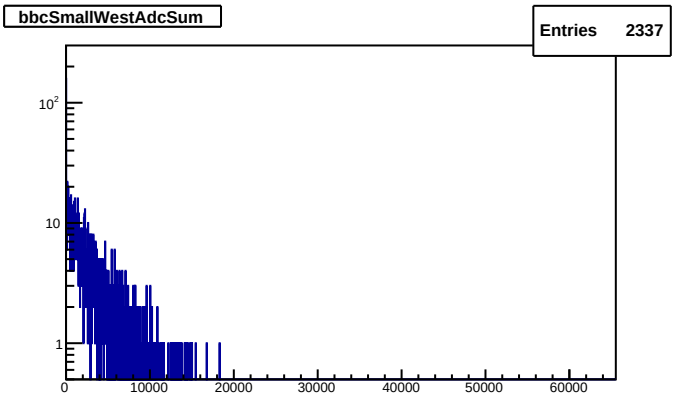

BBQ-VP004 (HI threshold)
Entries 37392
TAC
QT Input Channel

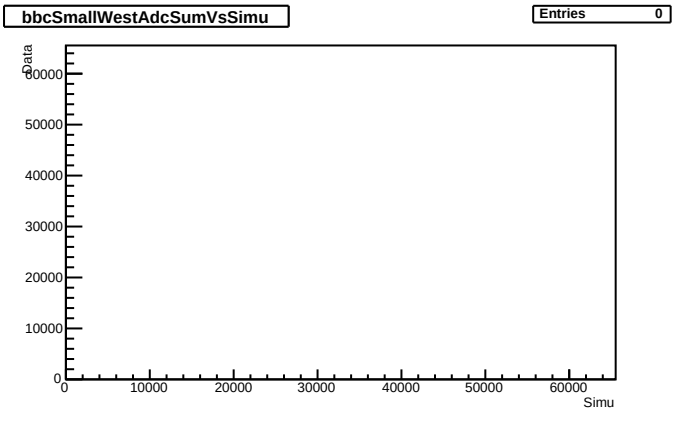

bbcSmallEastAdcSum
Entries 2337

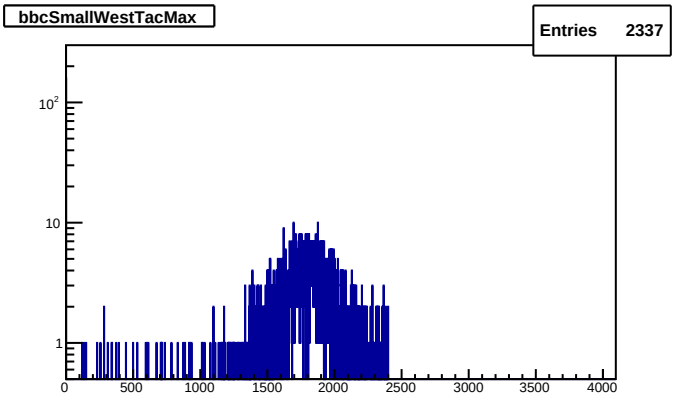

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

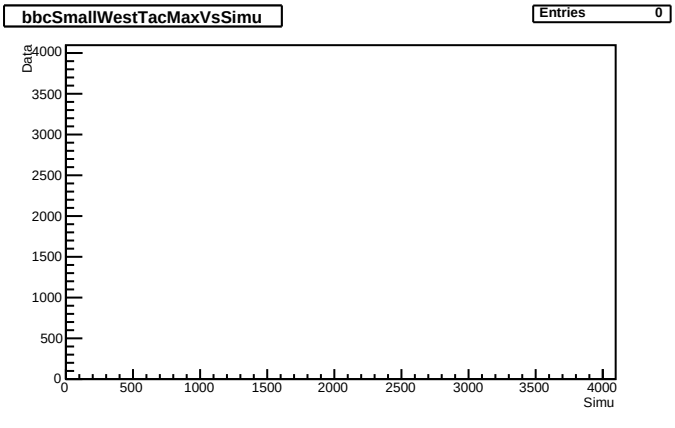

bbcSmallEastTacMax
Entries 2337

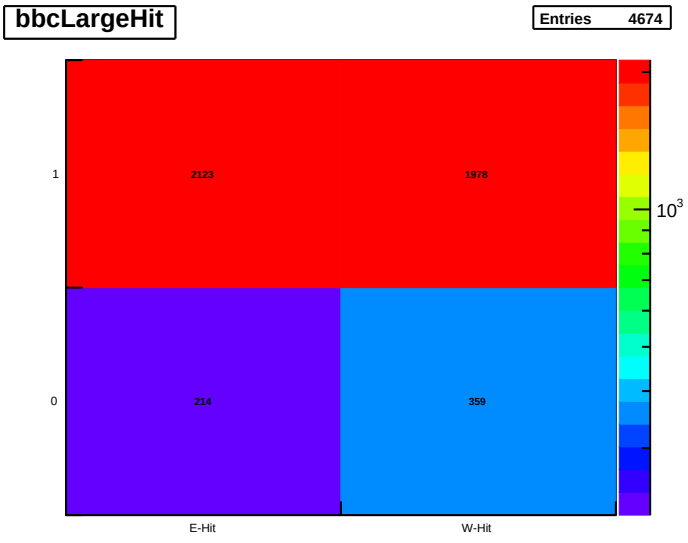

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

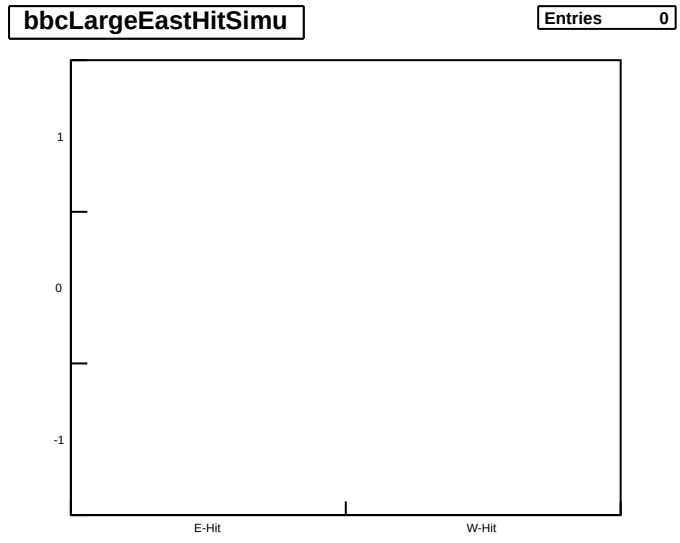

bbcSmallWestAdcSum
Entries 2337

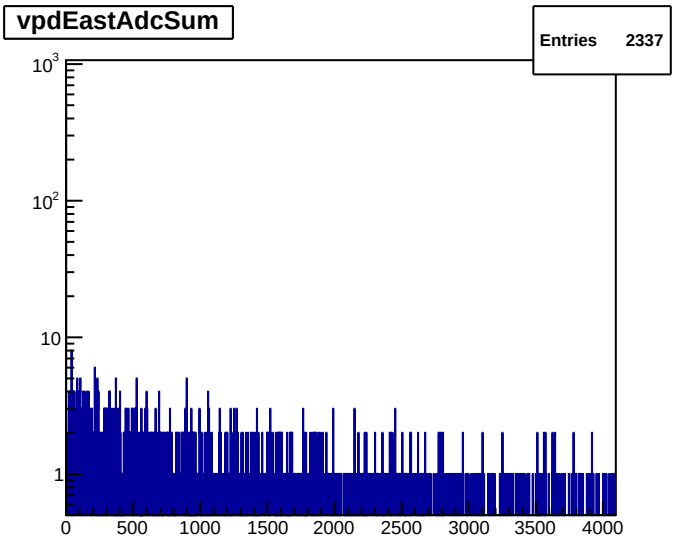

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

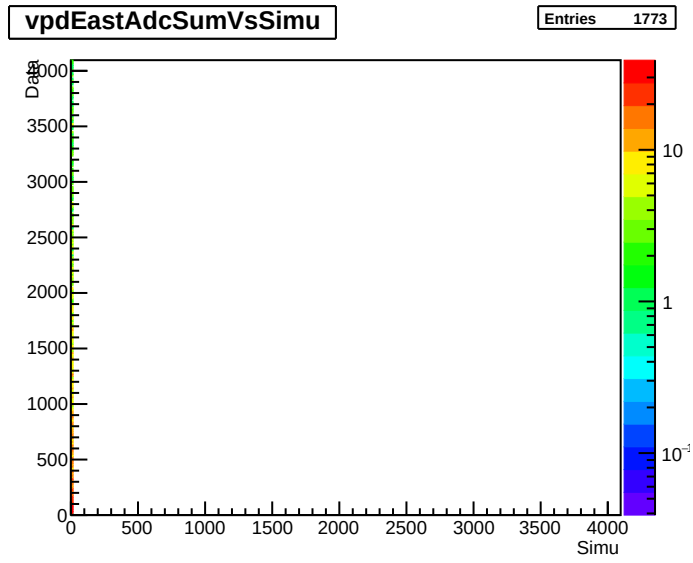

bbcSmallWestTacMax
Entries 2337

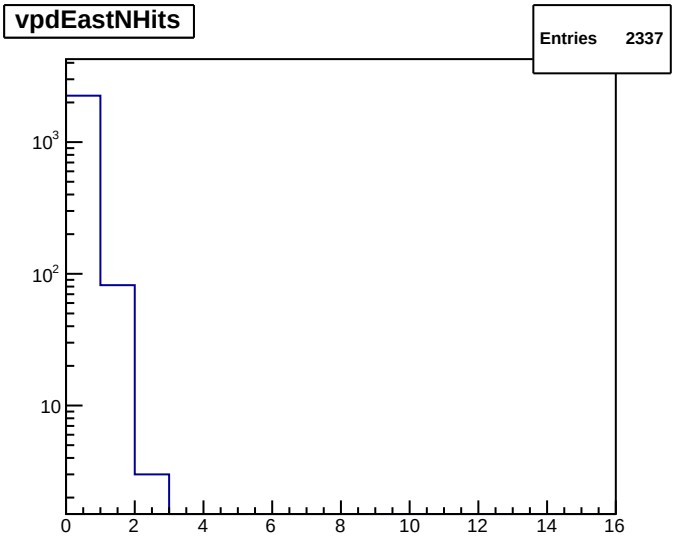

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

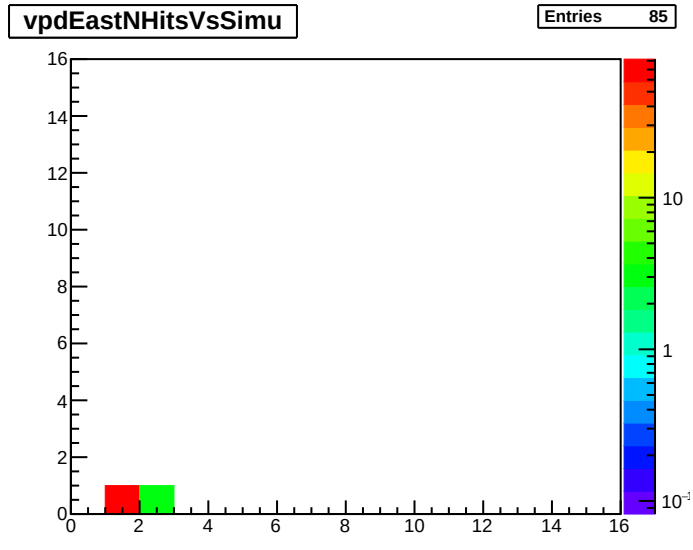

bbcLargeHit
Entries 4674
1
0
2123
1978
214
359
E-Hit
W-Hit
10^3

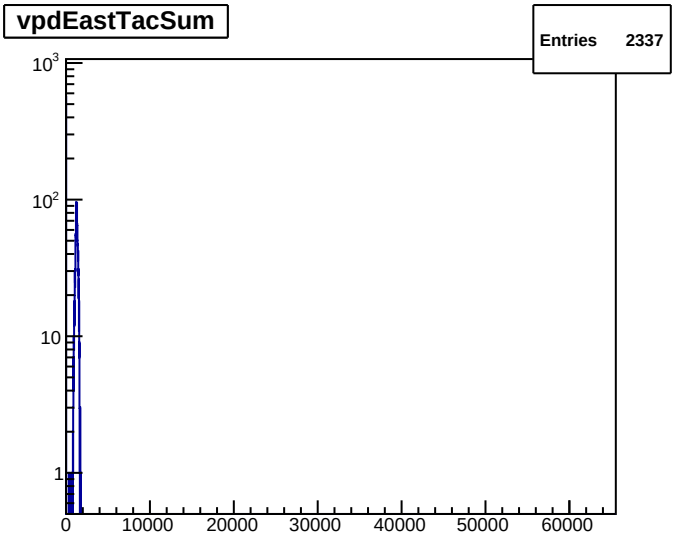

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

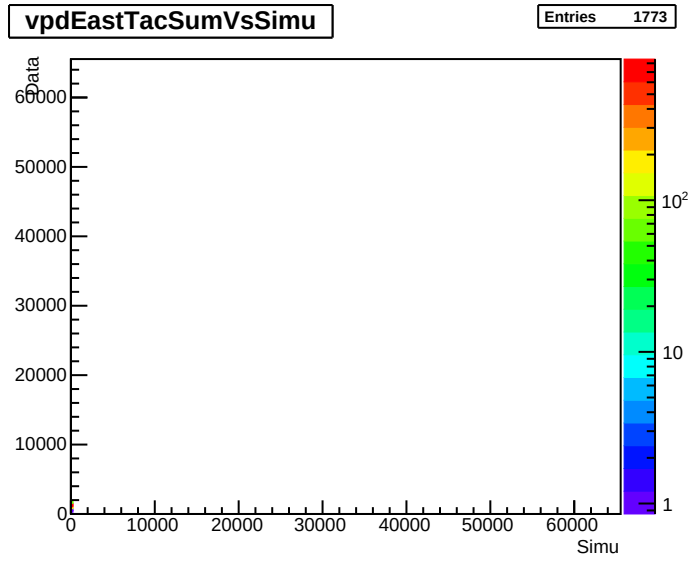

vpdEastAdcSum
Entries 2337

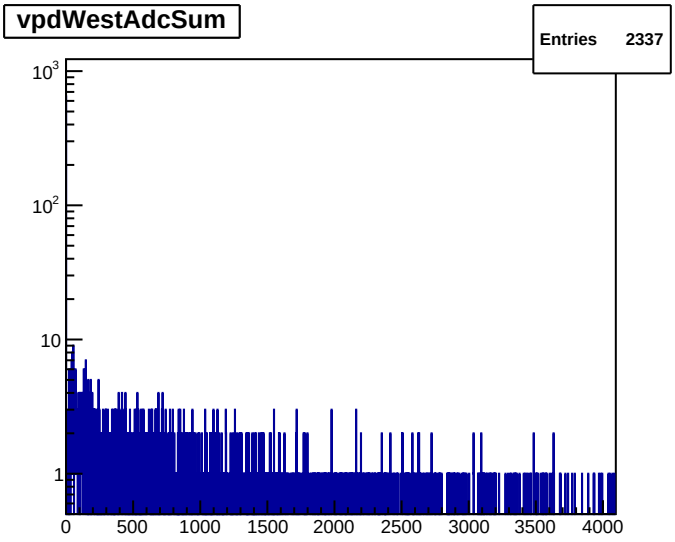

vpdEastAdcSumVsSimu
Entries 1773
Data
Simu

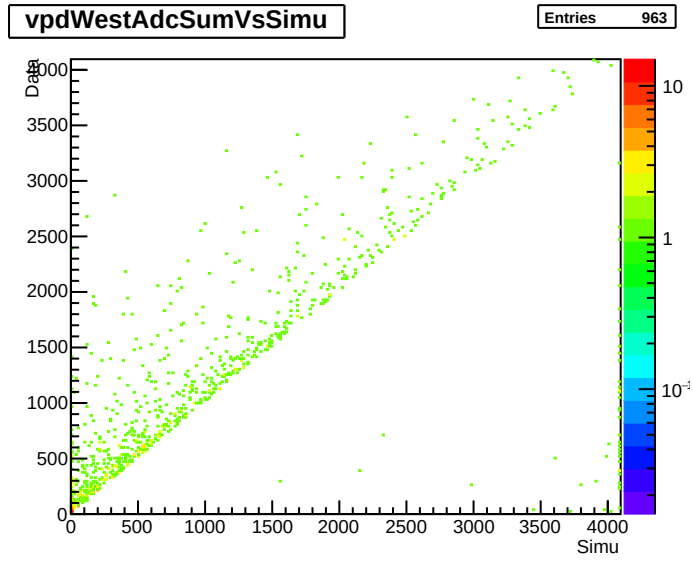

vpdEastNHits
Entries 2337

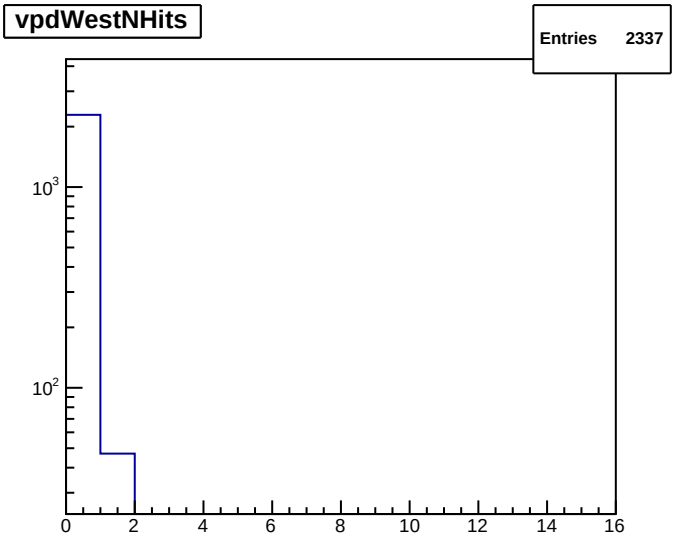

vpdEastNHitsVsSimu
Entries 85

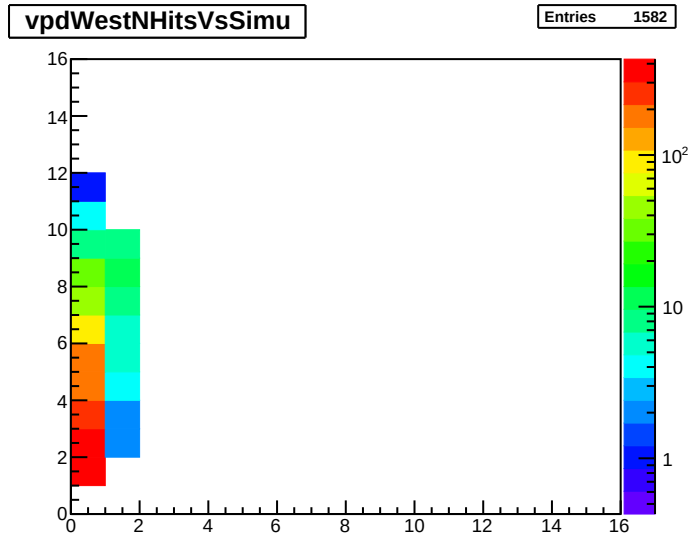

vpdEastTacSum
Entries 2337

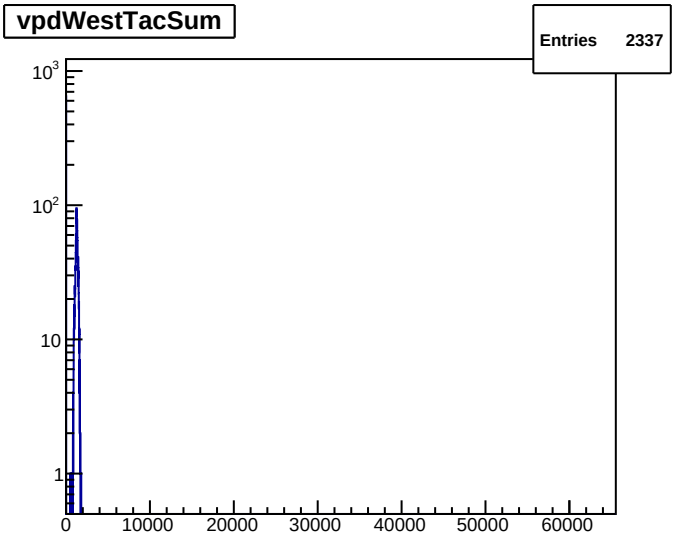

vpdEastTacSumVsSimu
Entries 1773
Data
Simu

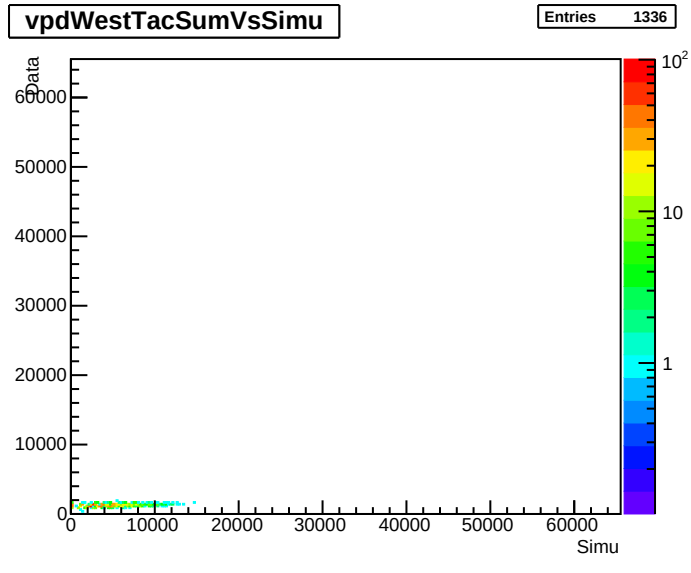

vpdWestAdcSum
Entries 2337

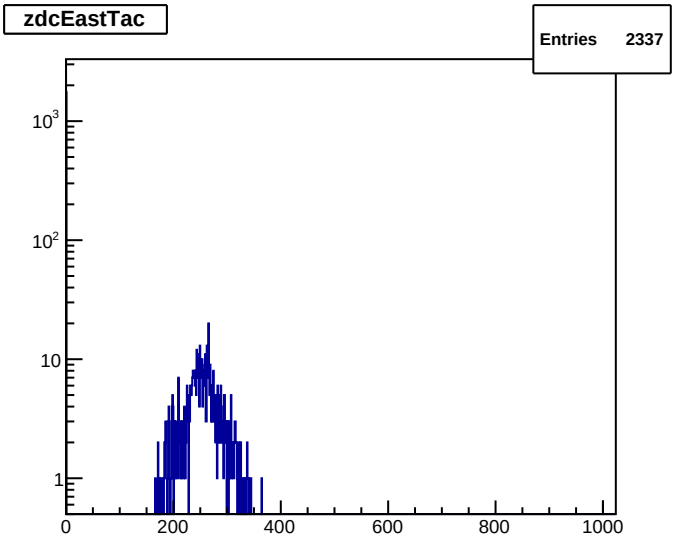

vpdWestAdcSumVsSimu
Entries 963
Data
Simu

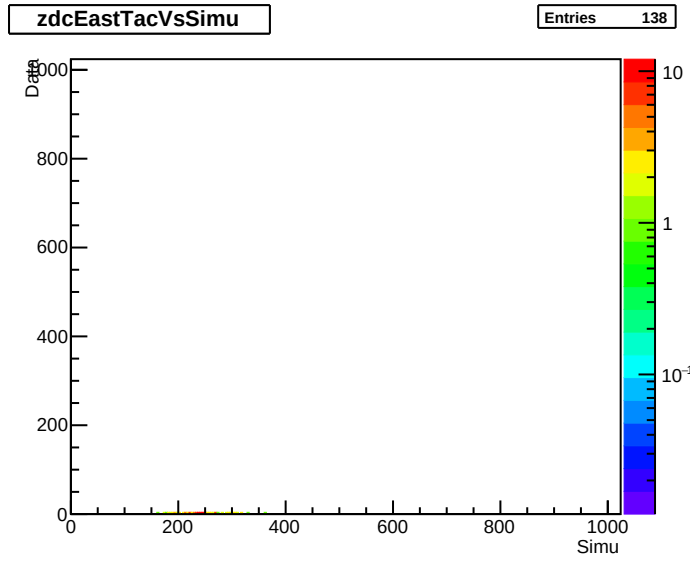

vpdWestNHits
Entries 2337

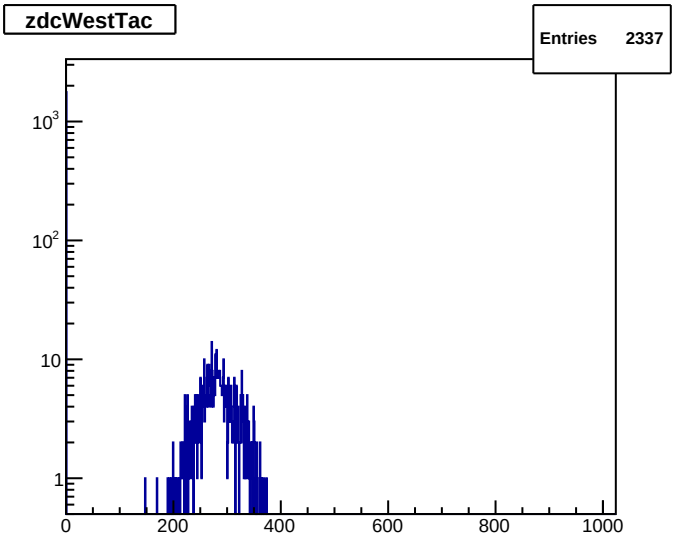

vpdWestNHitsVsSimu
Entries 1582

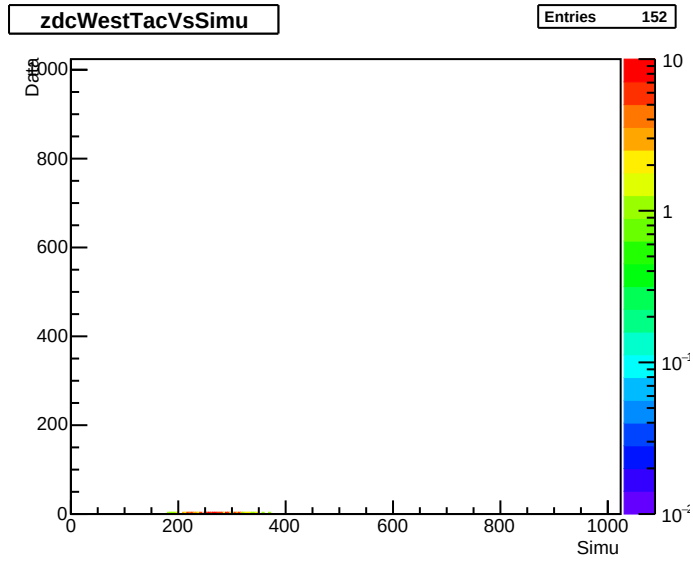

vpdWestTacSum
Entries 2337

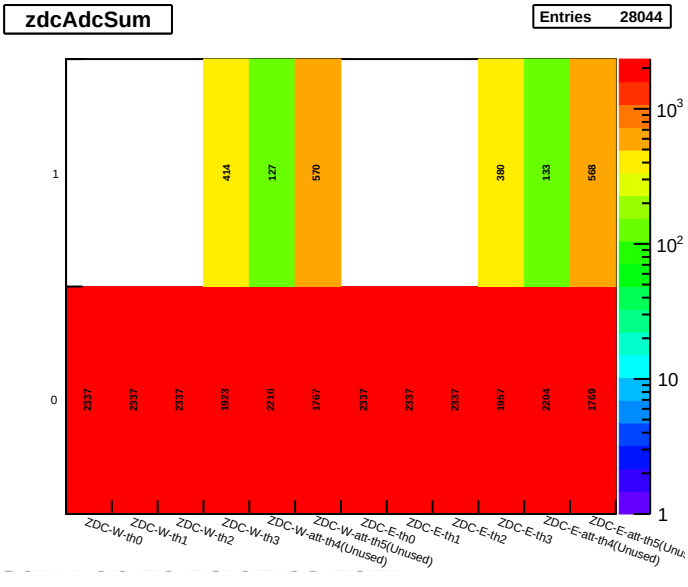

vpdWestTacSumVsSimu
Entries 1336
Data
Simu

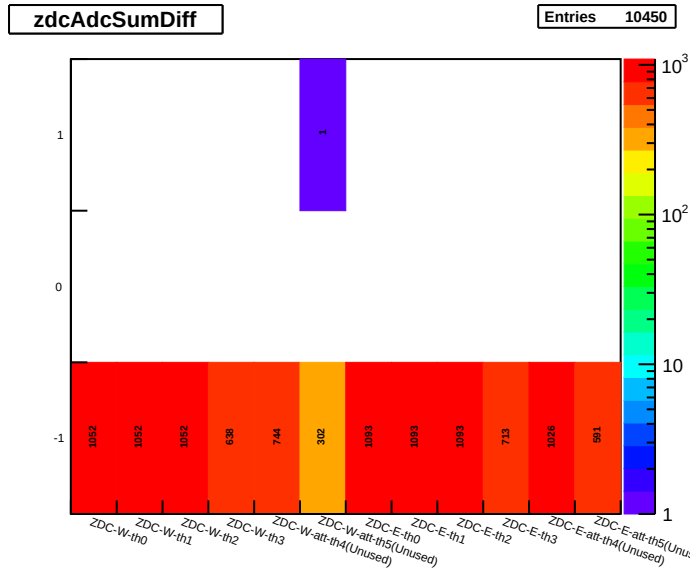

zdcEastTac
Entries 2337
10^3
10^2
10
1
0
200
400
600
800
1000

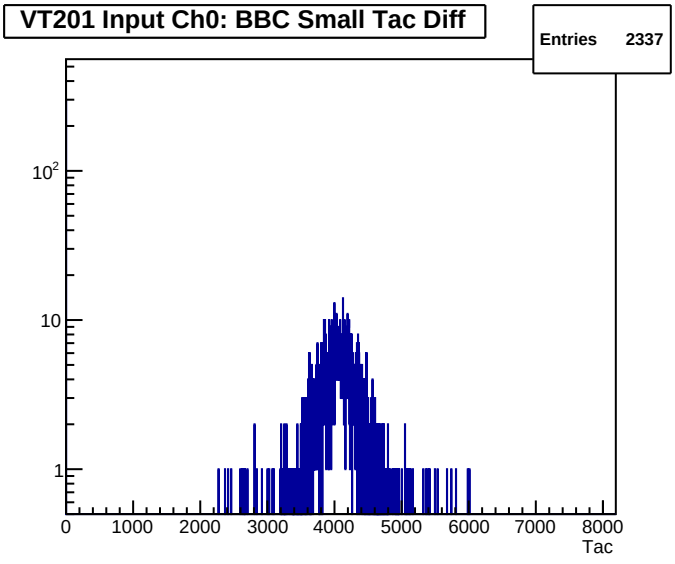

zdcEastTacVsSimu
Entries 138
Data
Simu
0
200
400
600
800
1000
10
1
10^{-1}

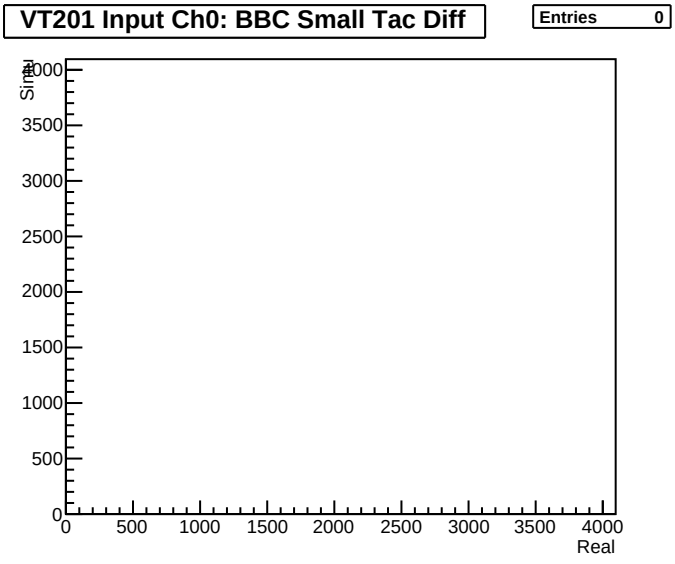

zdcWestTac
Entries 2337
10^3
10^2
10
1
0
200
400
600
800
1000

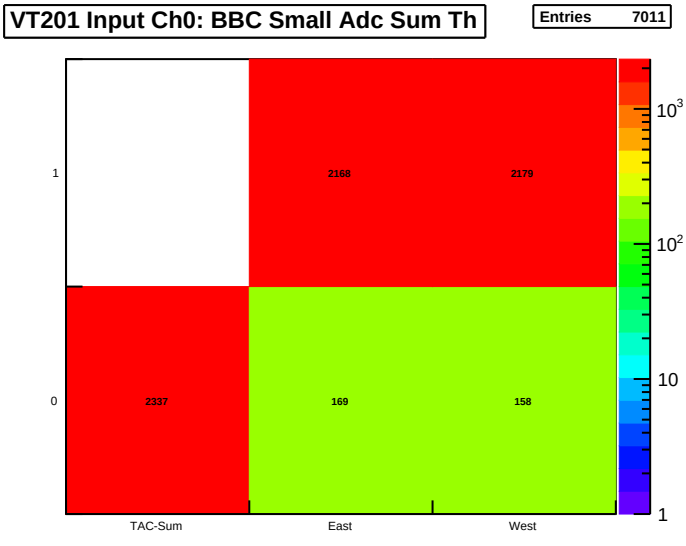

zdcWestTacVsSimu
Entries 152
Data
Simu
0
200
400
600
800
1000
10
1
10^{-1}
10^{-2}

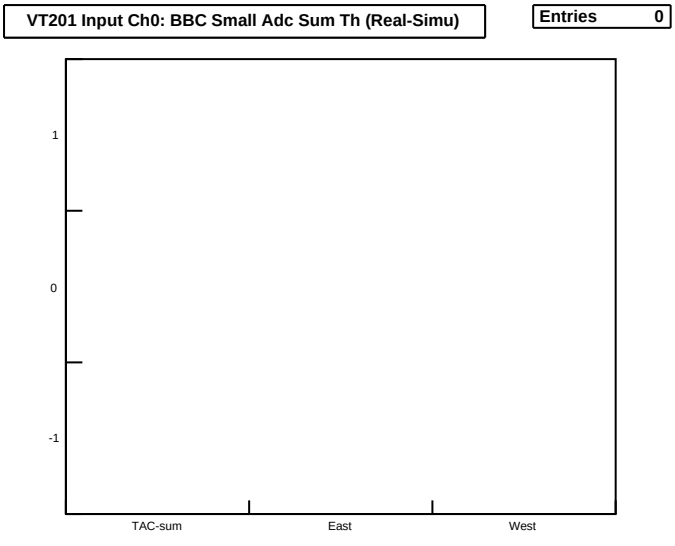

zdcAdcSum
Entries 28044
1
0
414
127
570
380
133
568
2337
2337
2337
1923
2210
1767
2337
2337
2337
1957
2204
1769
10^3
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

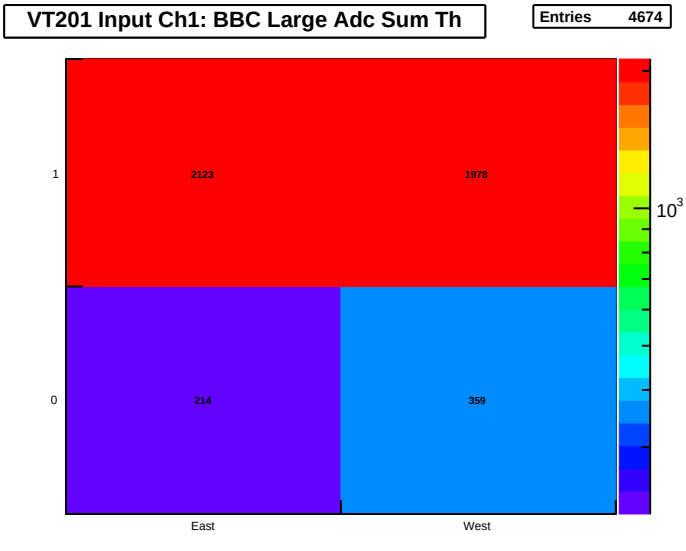

zdcAdcSumDiff
Entries 10450
1
0
-1
1
1052
1052
1052
638
744
302
1093
1093
1093
713
1026
991
10^3
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

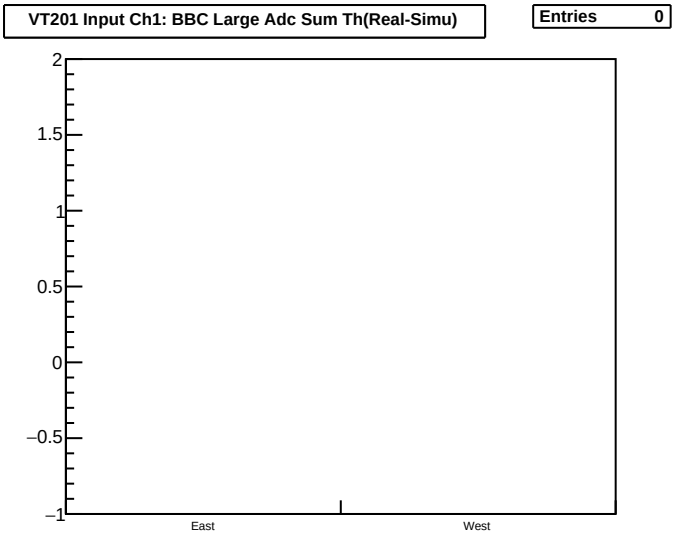

VT201 Input Ch0: BBC Small Tac Diff
Entries 2337
Tac


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

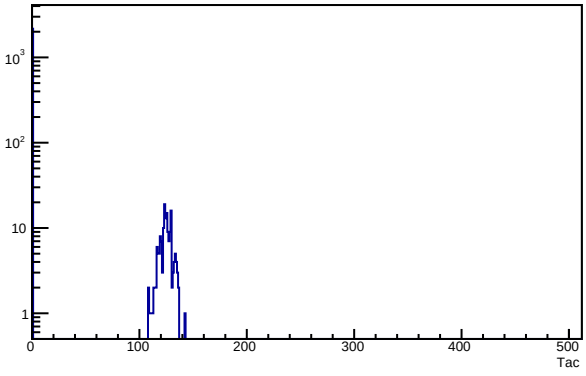

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 7011
2168
2179
2337
169
158
TAC-Sum
East
West


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

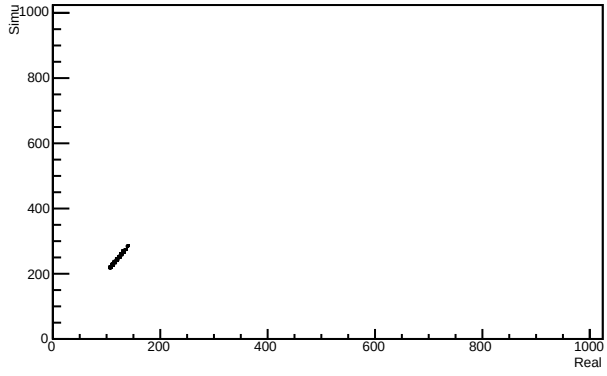

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 4674
2123
1978
214
359
East
West


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

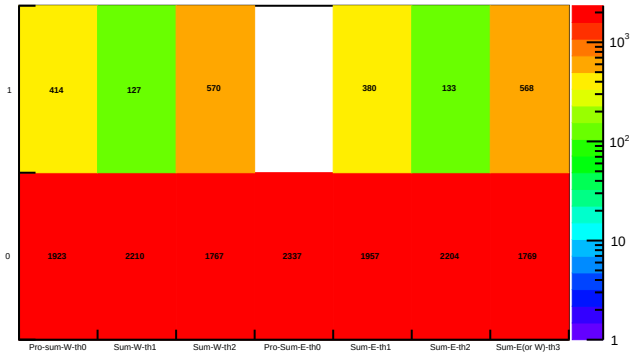
VT201 Input Ch2: ZDC Tac Diff



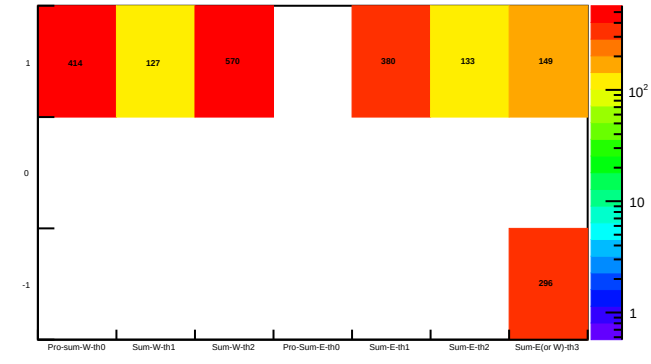
VT201 Input Ch2: ZDC Tac Diff



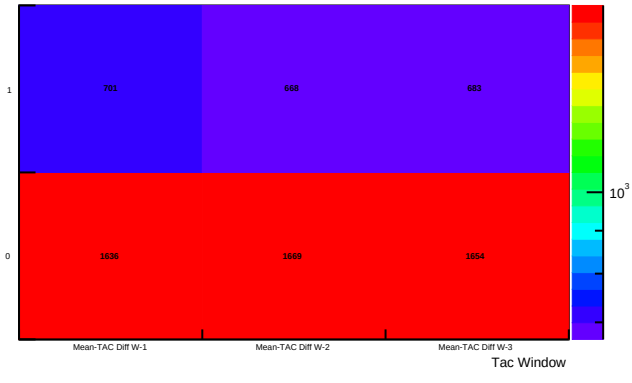
VT201 Input Ch2: ZDC Adc Sum Th



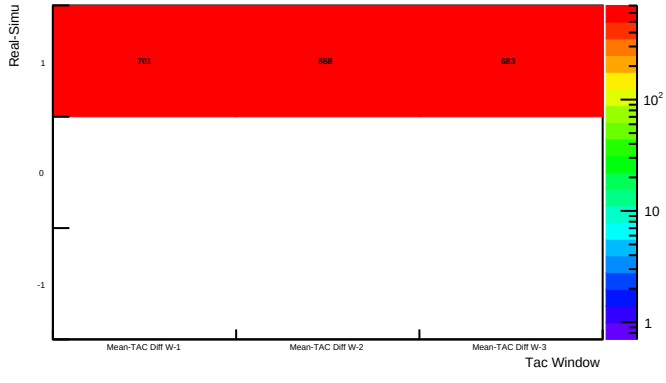
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



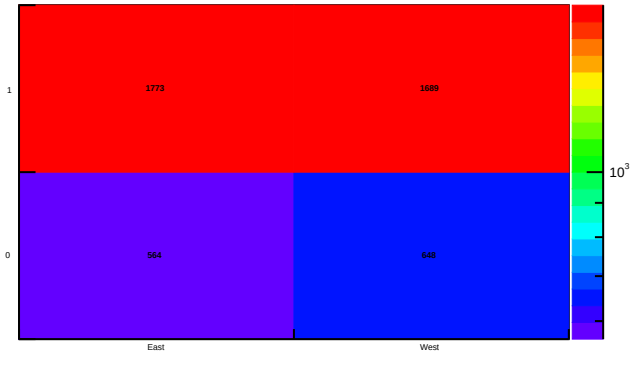
VT201 Input Ch4: VPD Tac Diff



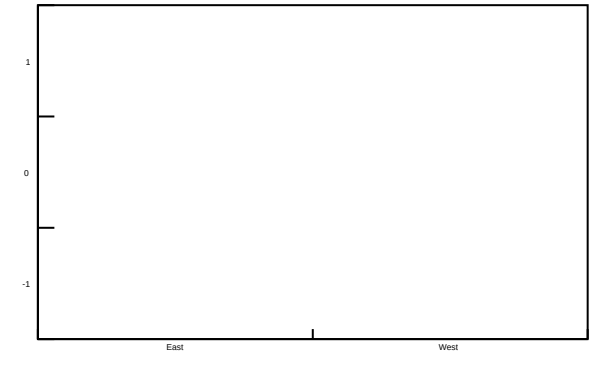
VT201 Input Ch4: VPD Tac Diff

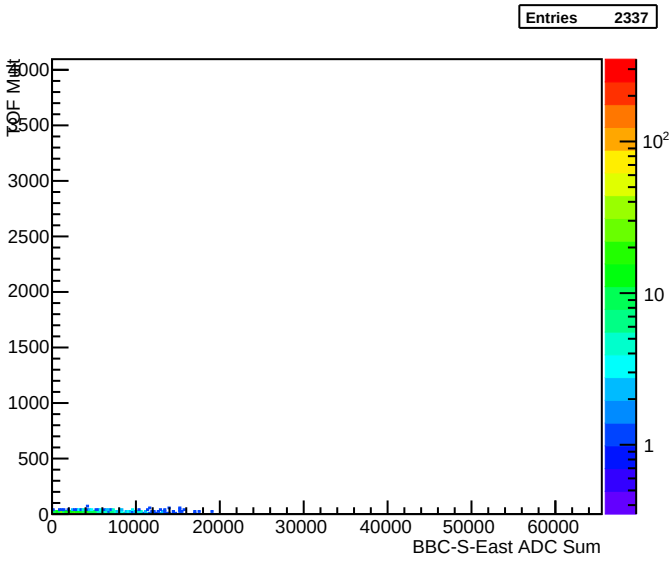


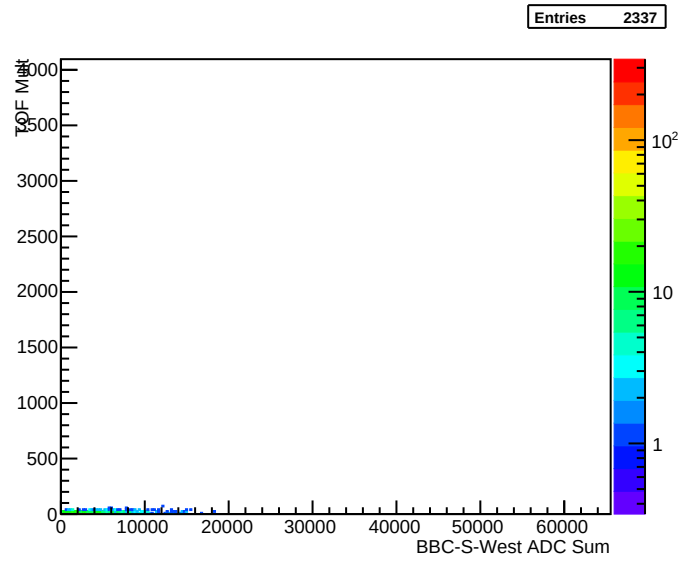
VT201 Input Ch4: VPD Adc Sum Th

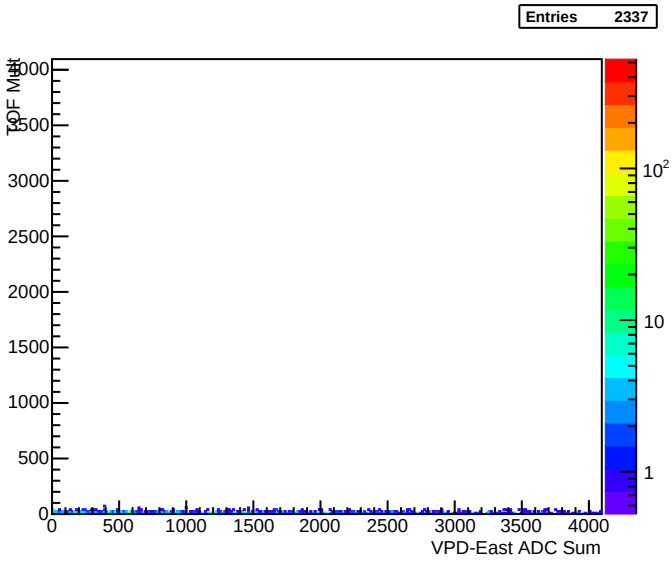


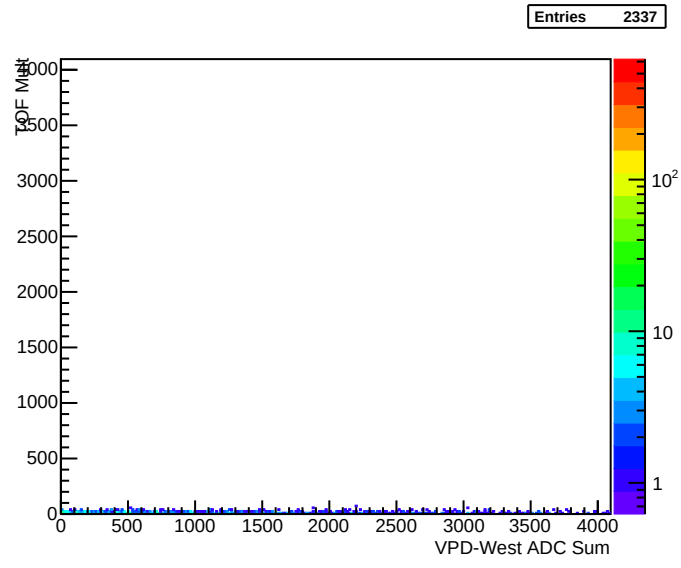
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

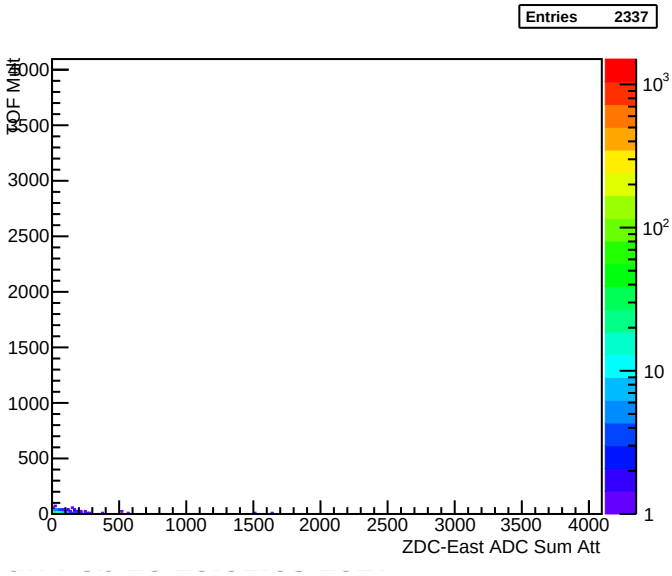


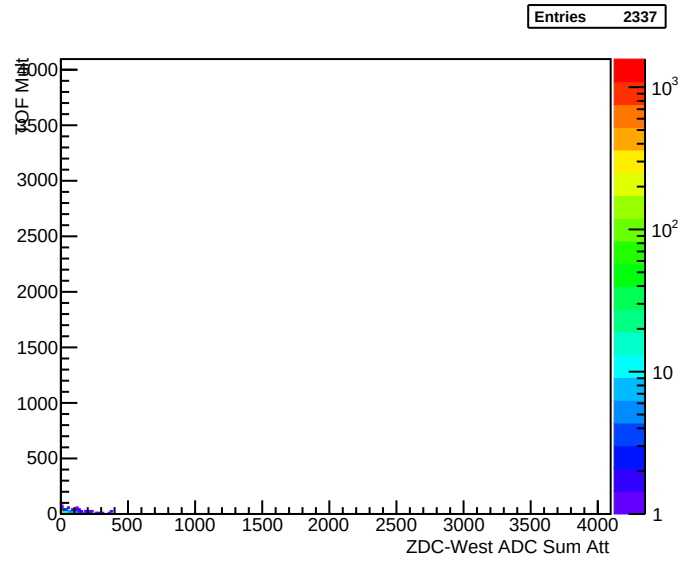

Entries 2337
TOF Mult
BBC-S-East ADC Sum

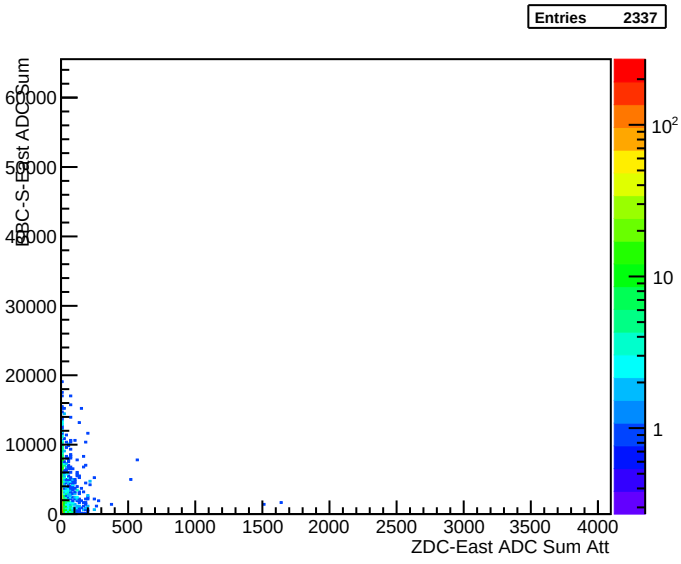

Entries 2337
TOF Mult
BBC-S-West ADC Sum

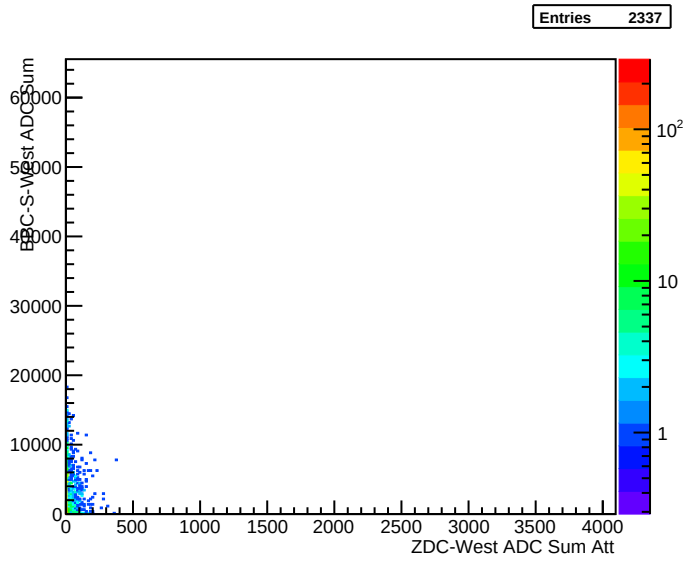

Entries 2337
TOF Mult
VPD-East ADC Sum

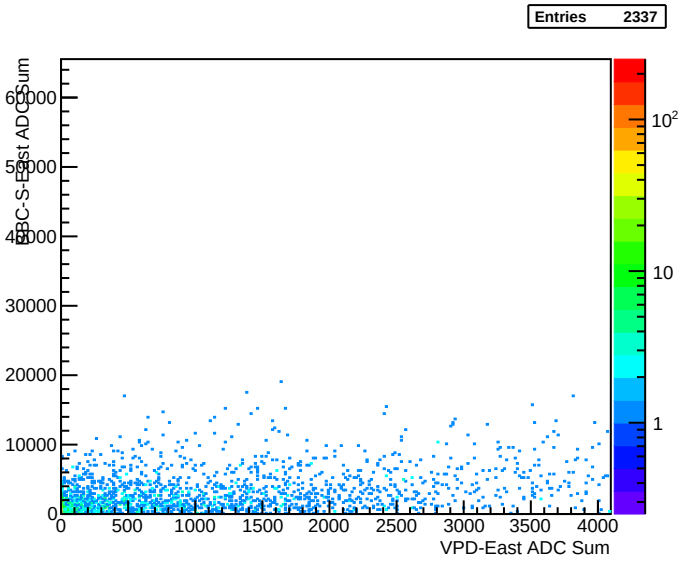

Entries 2337
TOF Mult
VPD-West ADC Sum

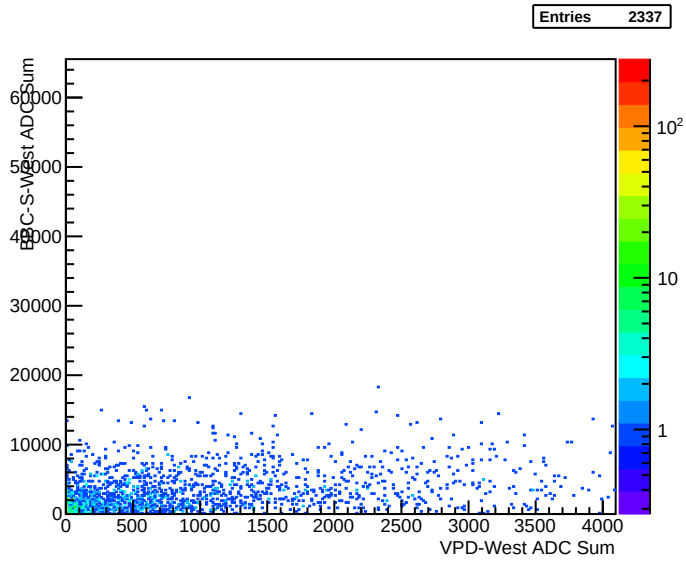

Entries 2337
TOF Mult
ZDC-East ADC Sum Att

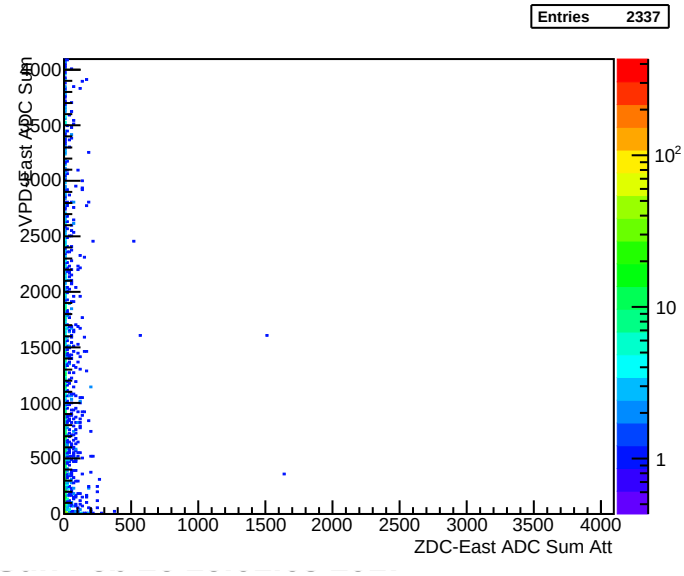

Entries 2337
TOF Mult
ZDC-West ADC Sum Att

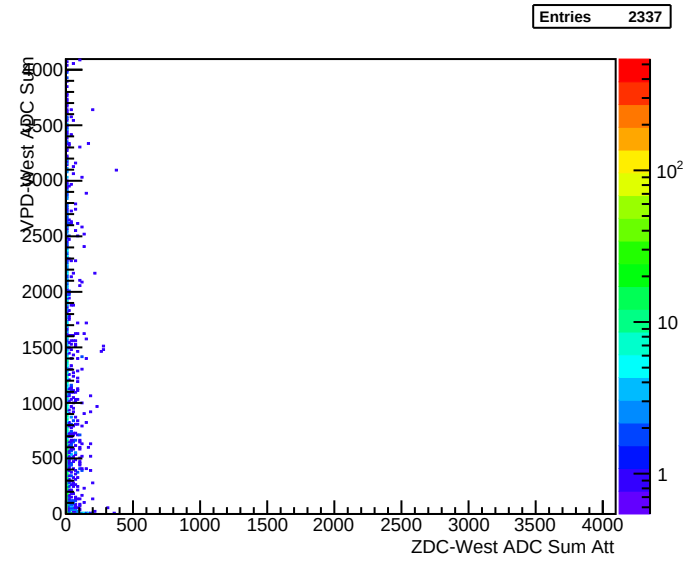

Entries 2337
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

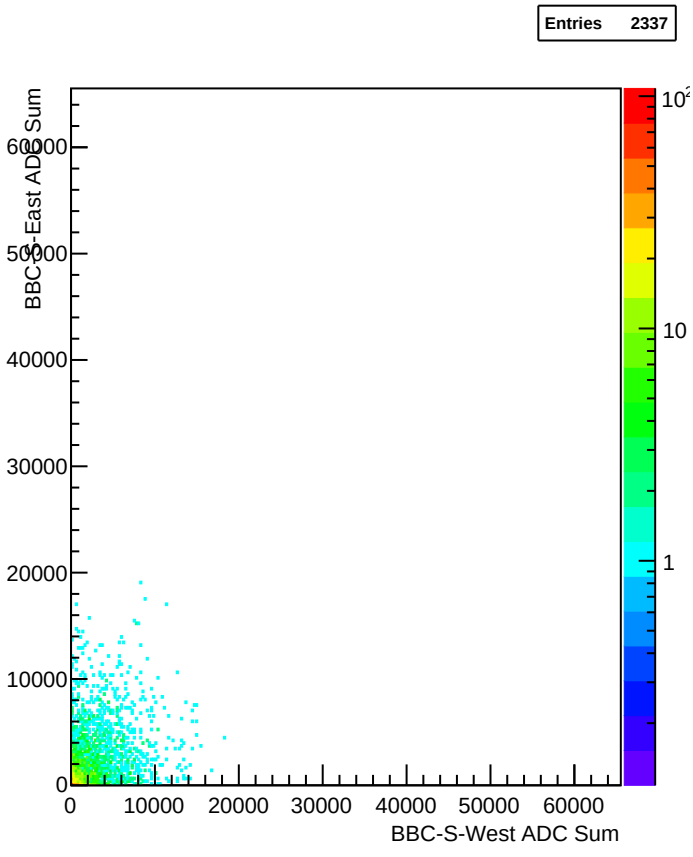

Entries 2337
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

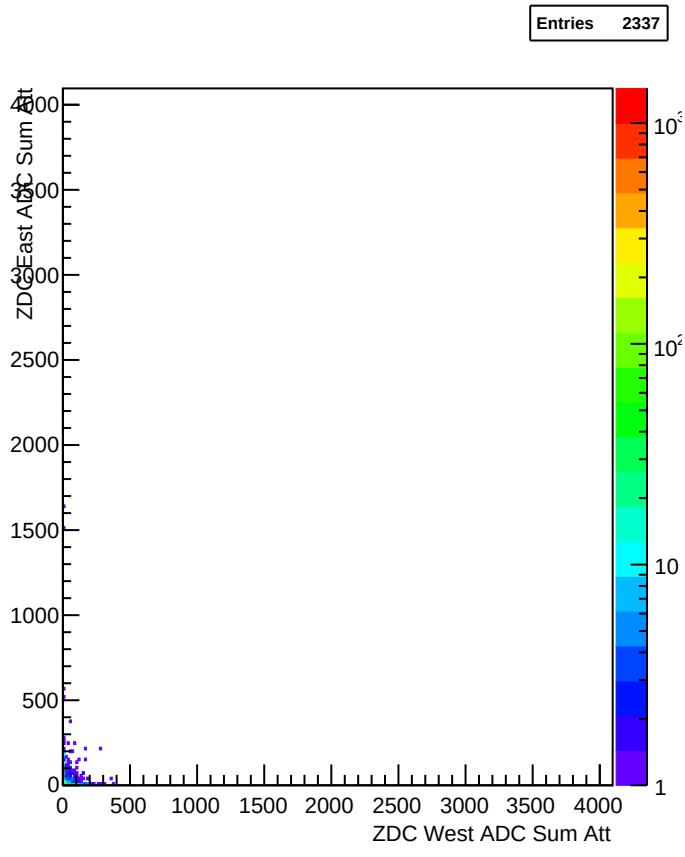

Entries 2337
BBC-S-East ADC Sum
VPD-East ADC Sum

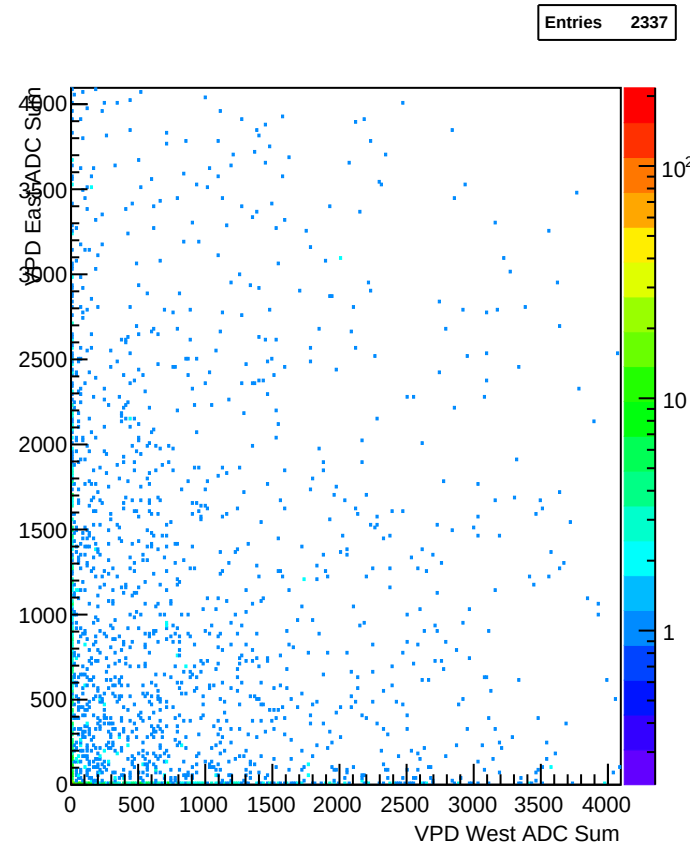

Entries 2337
BBC-S-West ADC Sum
VPD-West ADC Sum

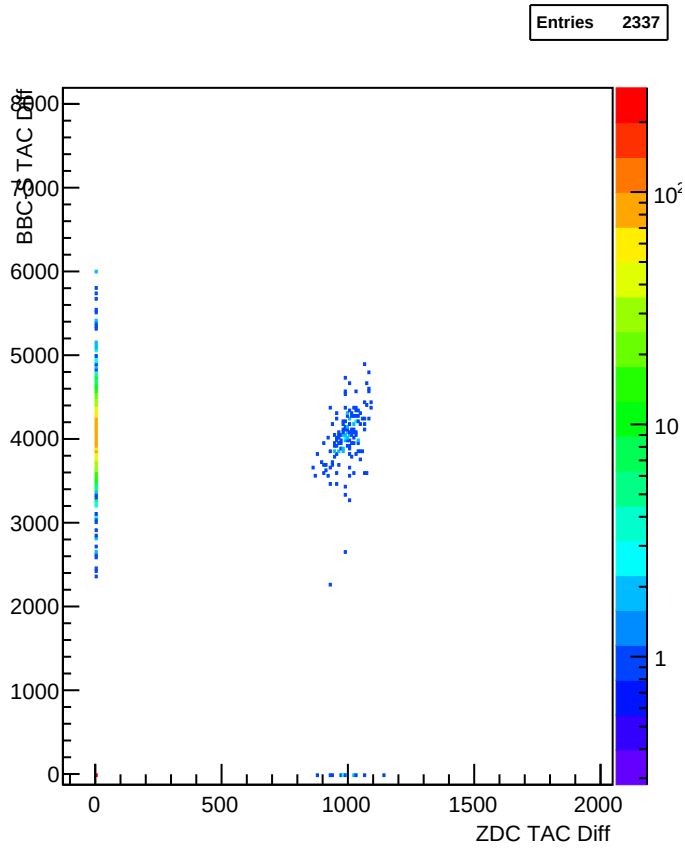

Entries 2337
VPD-East ADC Sum
ZDC-East ADC Sum Att

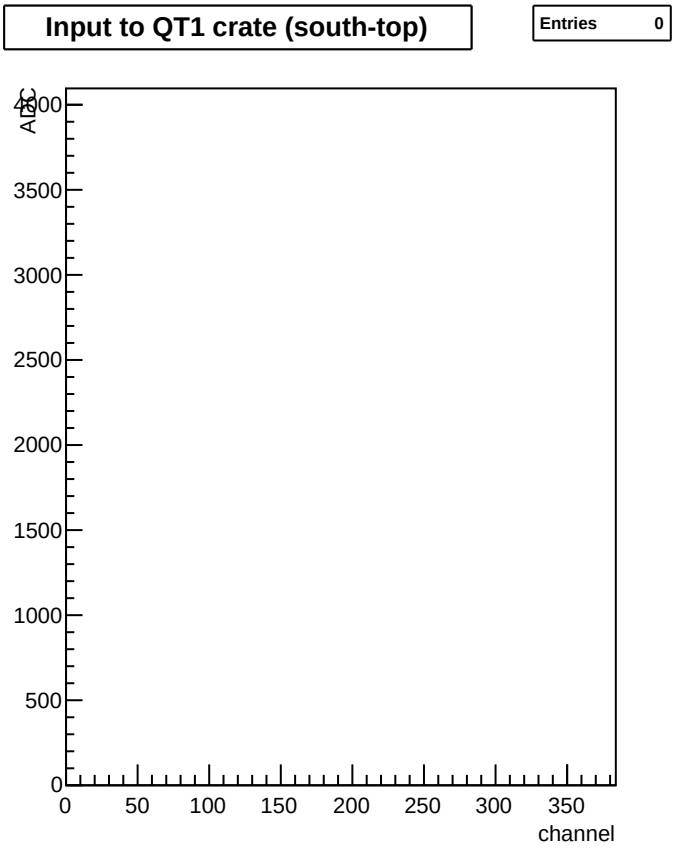

Entries 2337
VPD-West ADC Sum
ZDC-West ADC Sum Att

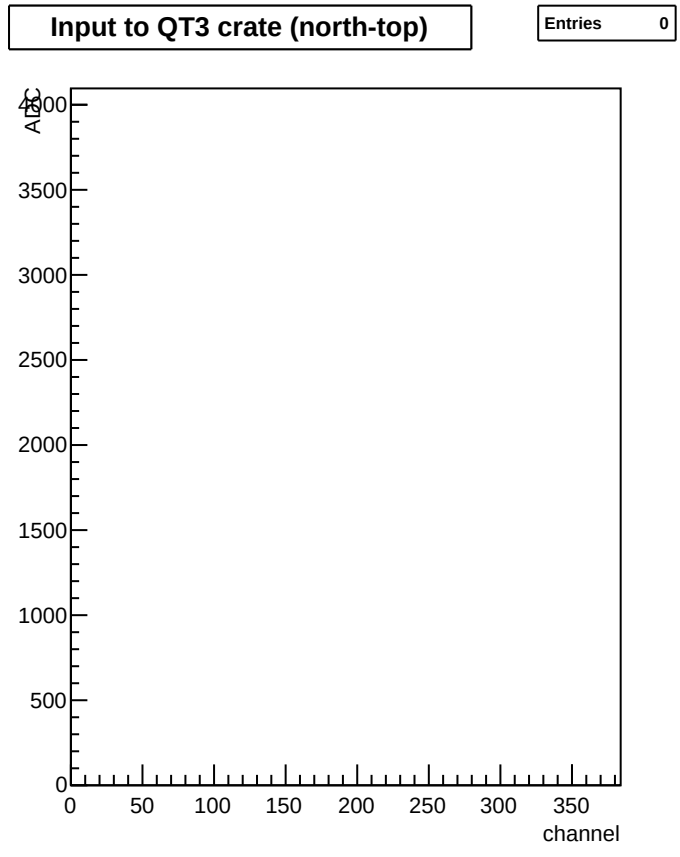

Entries 2337
BBC-S-East ADC Sum
BBC-S-West ADC Sum
0
10000
20000
30000
40000
50000
60000
1
10
10^2

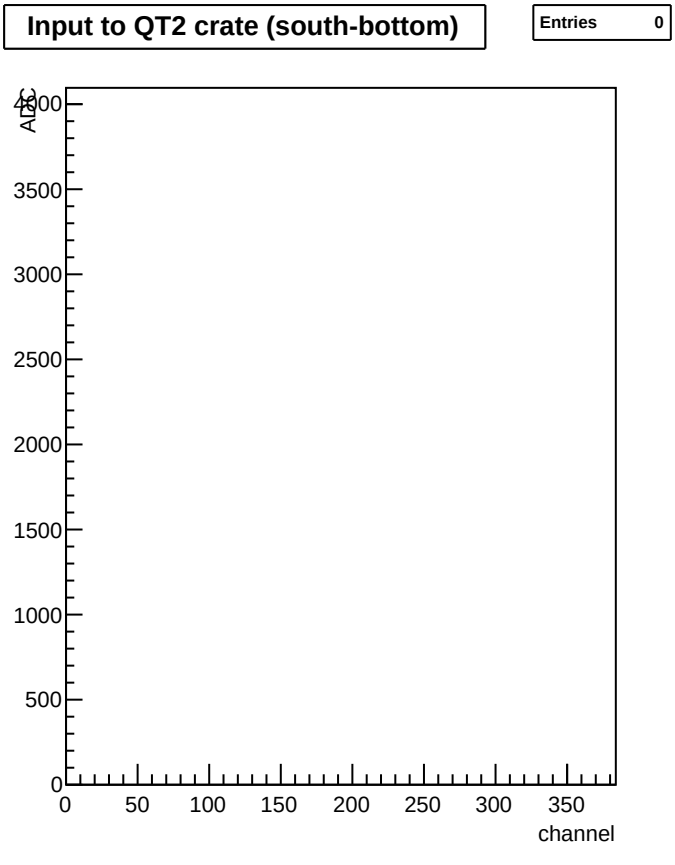

Entries 2337
ZDC East ADC Sum Att
ZDC West ADC Sum Att
0
500
1000
1500
2000
2500
3000
3500
4000
1
10
10^2
10^3

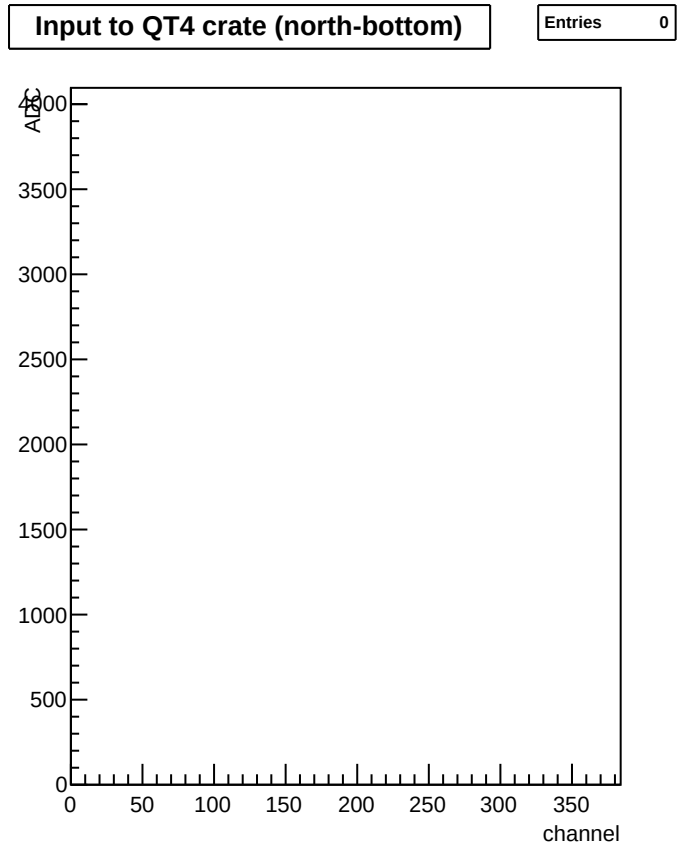

Entries 2337
VPD East ADC Sum
VPD West ADC Sum
0
500
1000
1500
2000
2500
3000
3500
4000
1
10
10^2

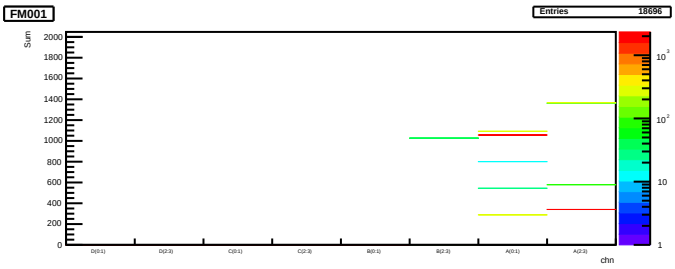

Entries 2337
BBC-S TAC Diff
ZDC TAC Diff
0
1000
2000
3000
4000
5000
6000
7000
8000
500
1500
1
10
10^2

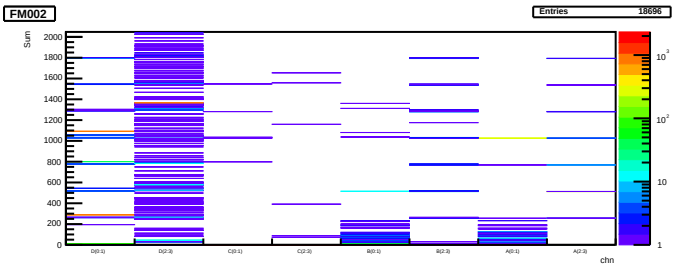

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

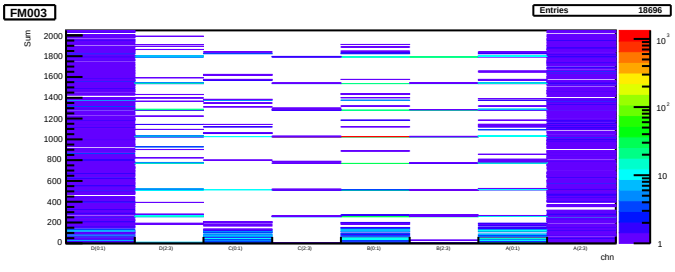

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

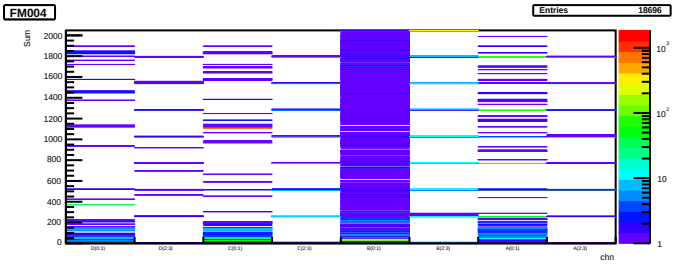

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

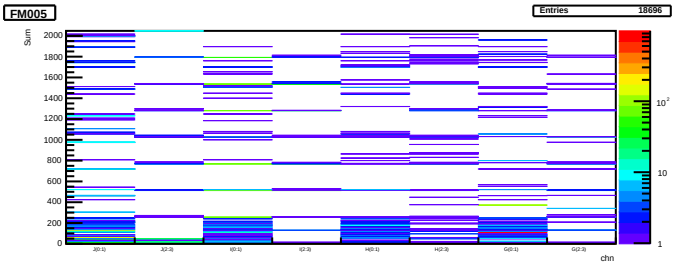

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

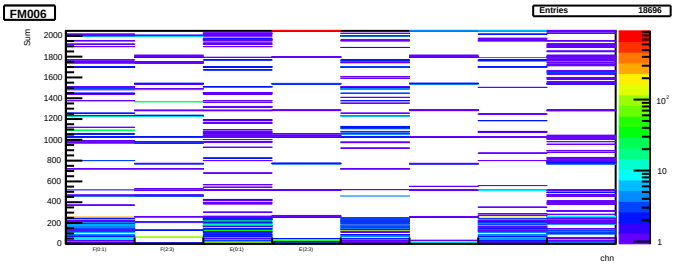

FM001
Entries 18696
Sum
chn

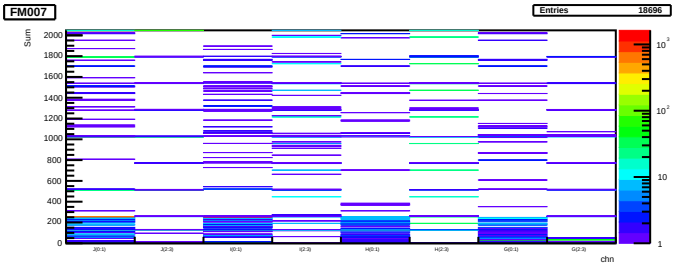

FM002
Entries 18696
Sum
chn

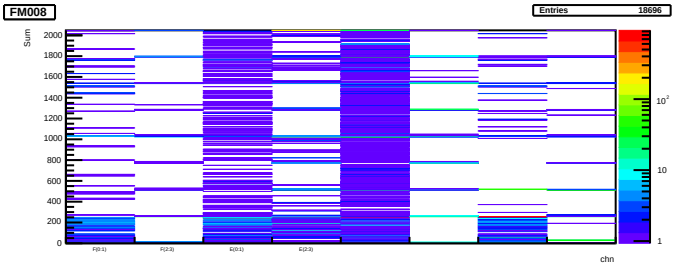

FM003
Entries 18696
Sum
chn

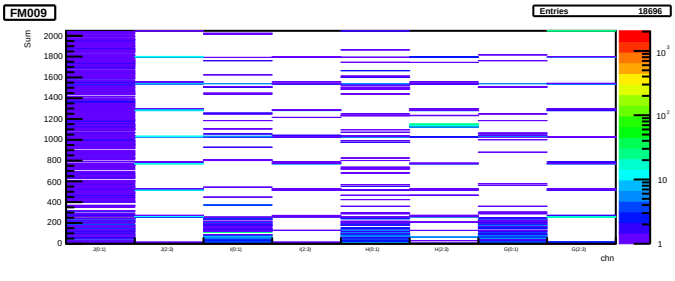

FM004
Entries 18696
Sum
chn

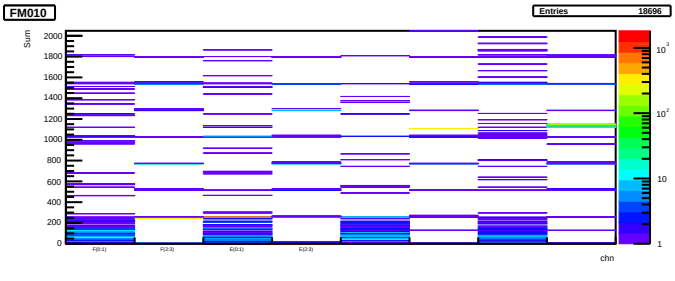

FM005
Entries 18696
Sum
chn

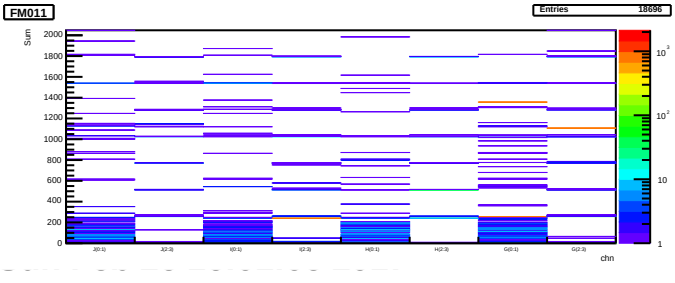

FM006
Entries 18696
Sum
chn

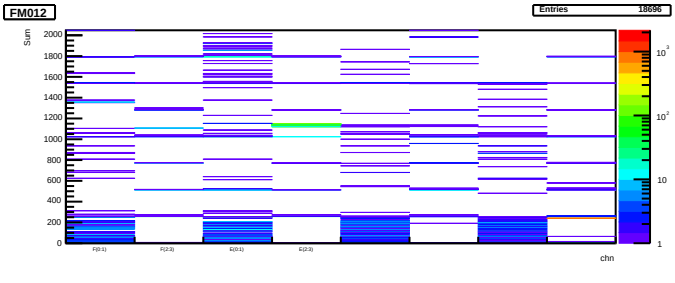

FM007
Entries 18696
Sum
chn

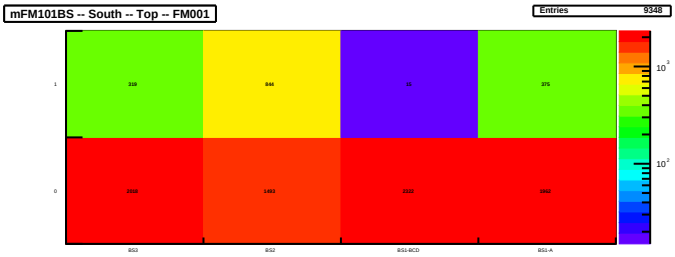

FM008
Entries 18696
Sum
chn

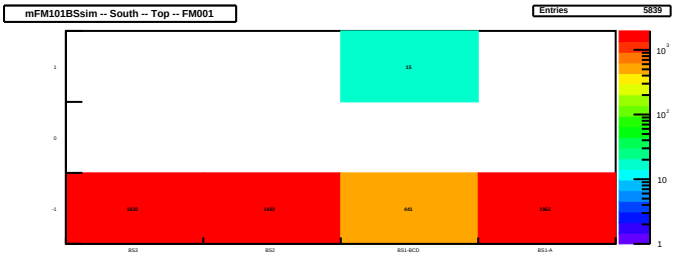

FM009
Entries 18696
Sum
chn

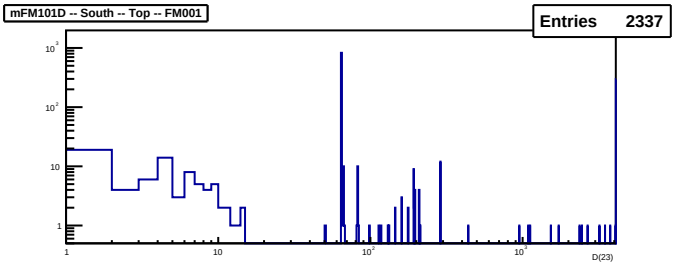

FM010
Entries 18696
Sum
chn

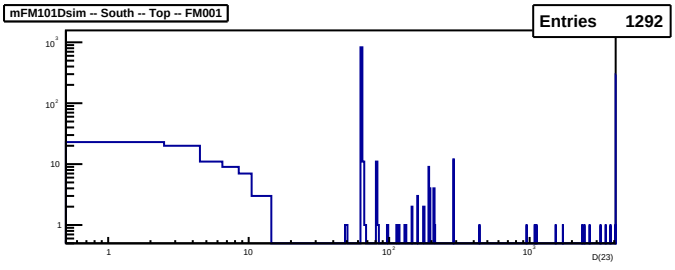

FM011
Entries 18696
Sum
chn

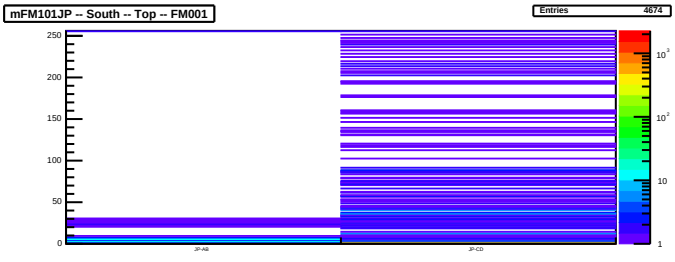

FM012
Entries 18696
Sum
chn

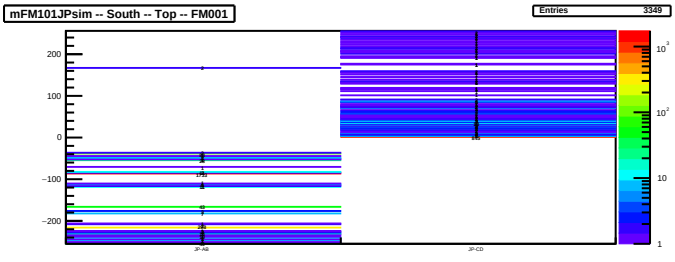

mFM101BS -- South -- Top -- FM001
Entries 9348

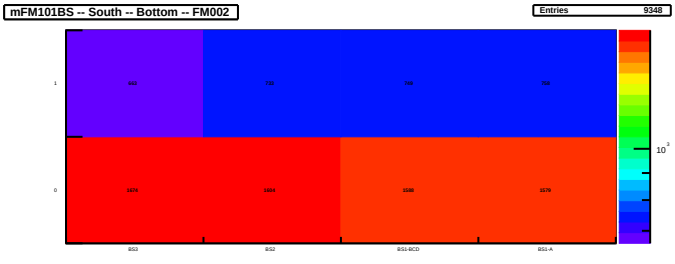

mFM101BSsim -- South -- Top -- FM001
Entries 5839

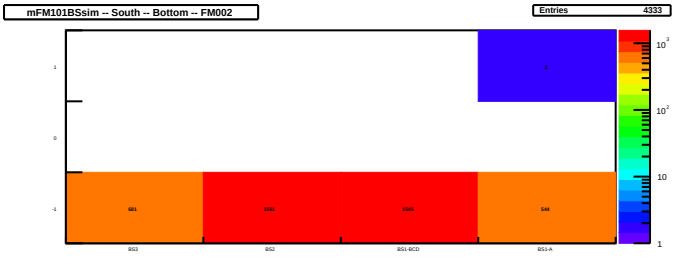

mFM101D -- South -- Top -- FM001
Entries 2337
D(23)

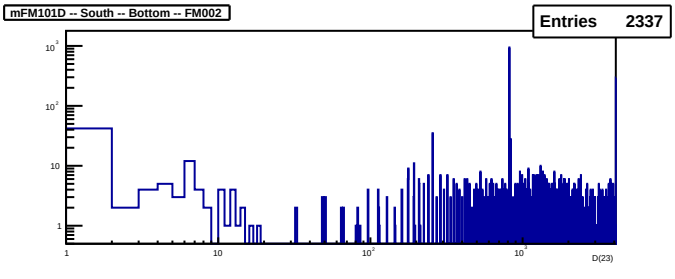

mFM101Dsim -- South -- Top -- FM001
Entries 1292
D(23)

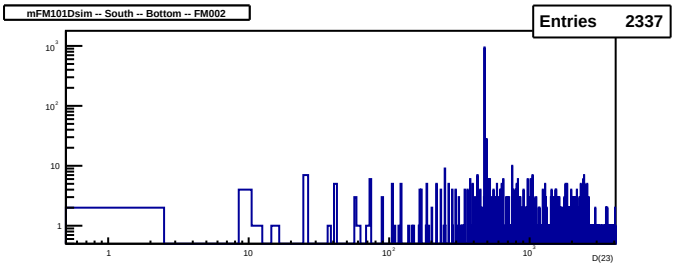

mFM101JP -- South -- Top -- FM001
Entries 4674


mFM101JPsim -- South -- Top -- FM001
Entries 3349


mFM101BS -- South -- Bottom -- FM002
Entries 9348


mFM101BSsim -- South -- Bottom -- FM002
Entries 4333


mFM101D -- South -- Bottom -- FM002
Entries 2337
D(23)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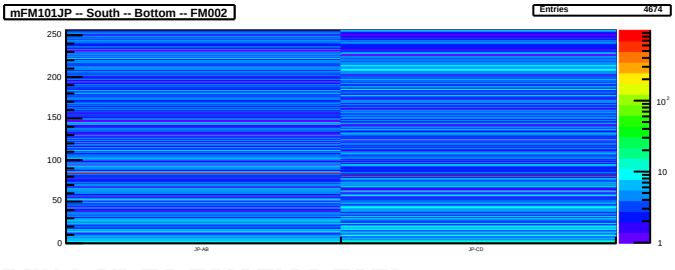
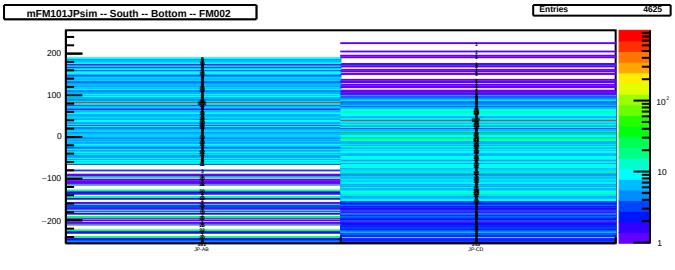
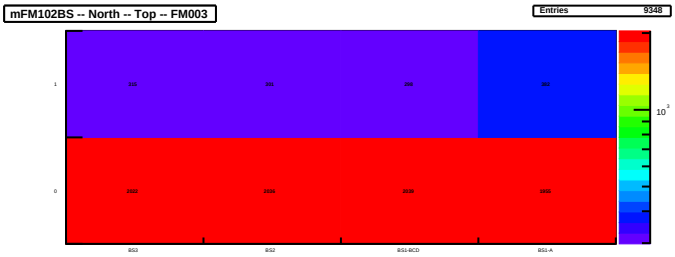
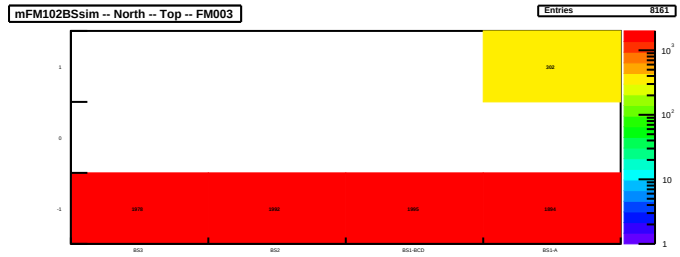
Entries 2337
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 4674


mFM101JPsim -- South -- Bottom -- FM002
Entries 4625


mFM102BS -- North -- Top -- FM003
Entries 9348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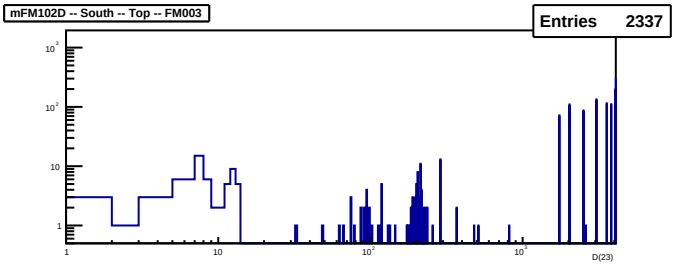
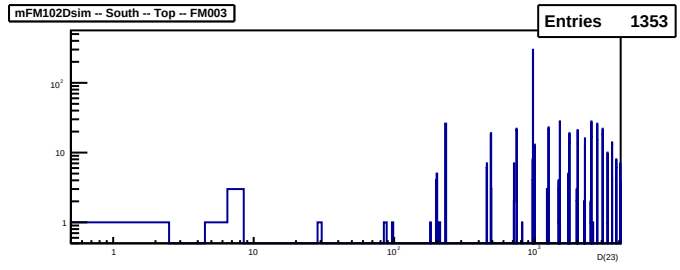
Entries 8161


mFM102D -- South -- Top -- FM003
Entries 2337
D(23)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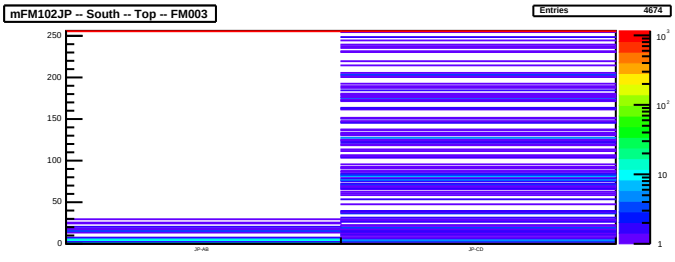
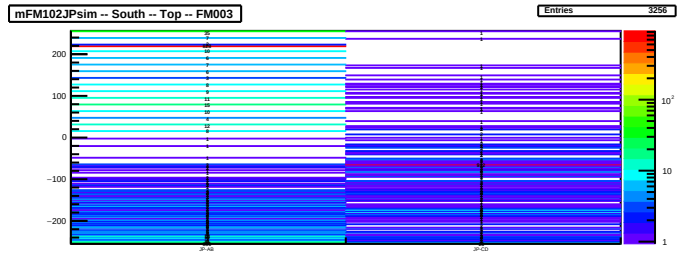
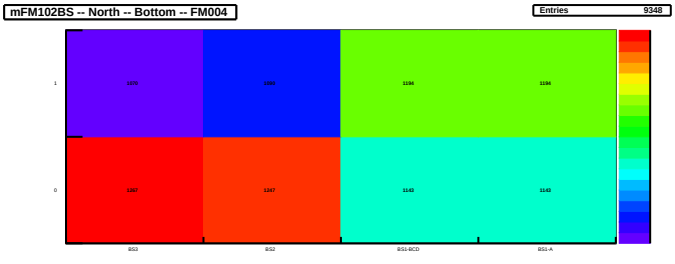
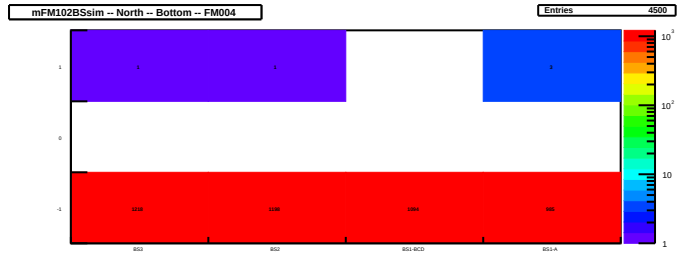
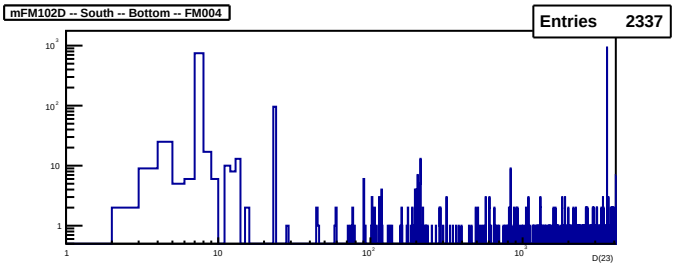
Entries 1353
D(23)

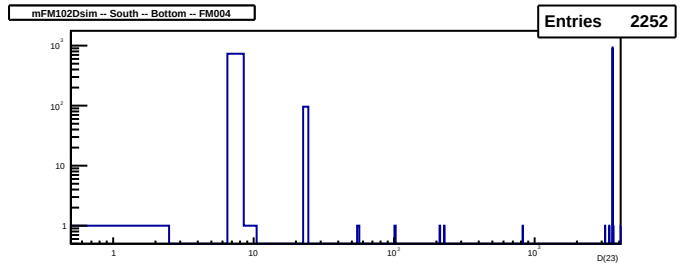

mFM102JP -- South -- Top -- FM003
Entries 4674


mFM102JPsim -- South -- Top -- FM003
Entries 3256


mFM102BS -- North -- Bottom -- FM004
Entries 9348


mFM102BSsim -- North -- Bottom -- FM004
Entries 4500


mFM102D -- South -- Bottom -- FM004
Entries 2337
D(23)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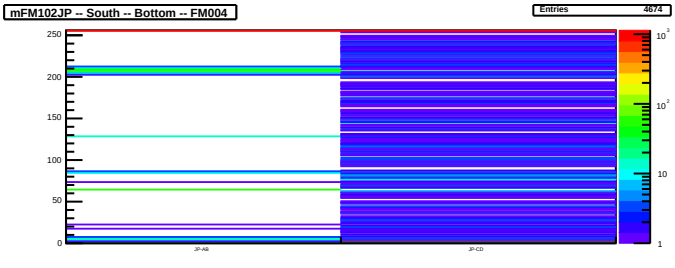
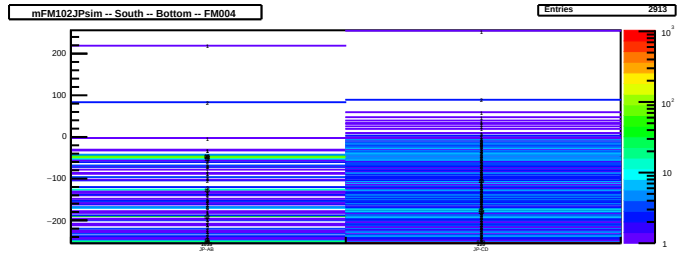
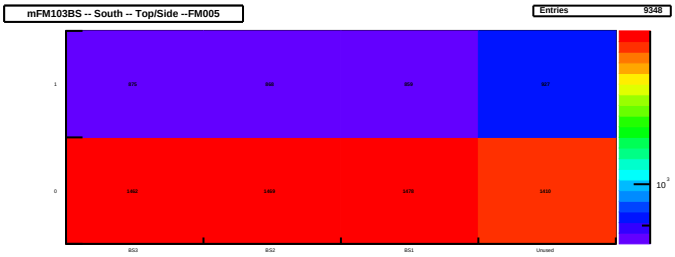
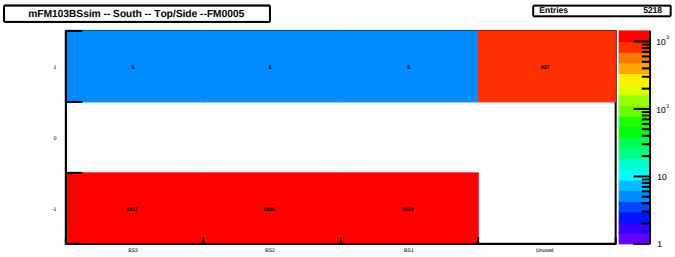
Entries 2252
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 4674


mFM102JPsim -- South -- Bottom -- FM004
Entries 2913


mFM103BS -- South -- Top/Side --FM005
Entries 9348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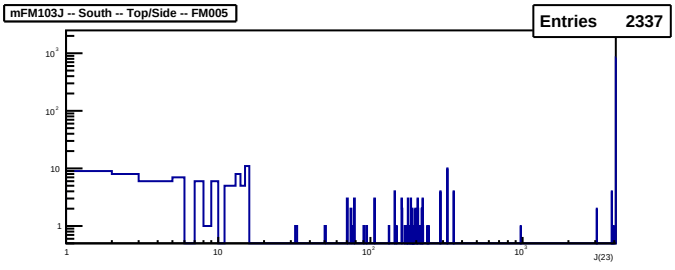
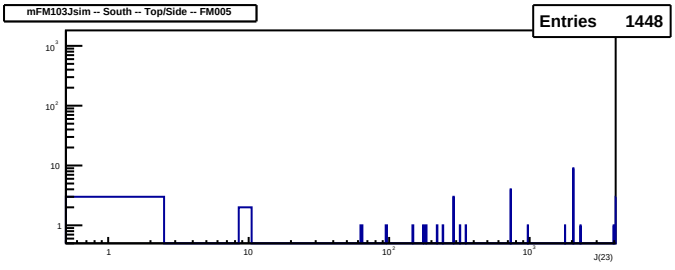
Entries 5218


mFM103J -- South -- Top/Side -- FM005
Entries 2337
J(23)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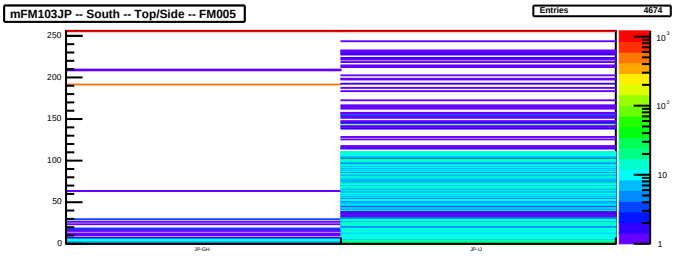
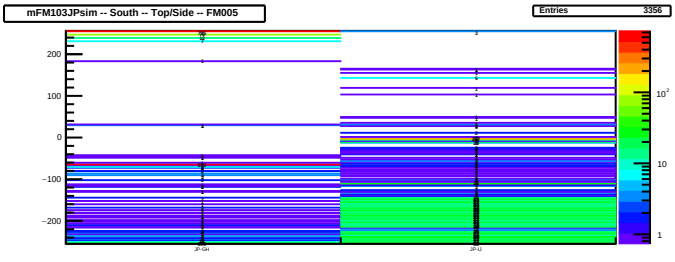
Entries 1448
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 4674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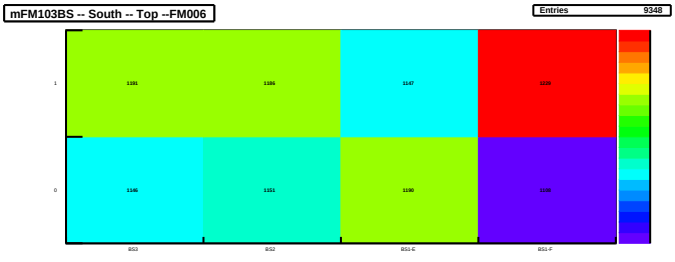
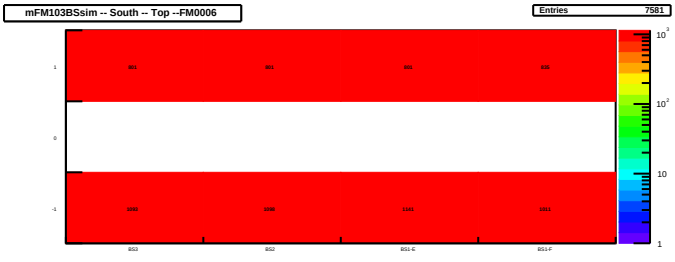
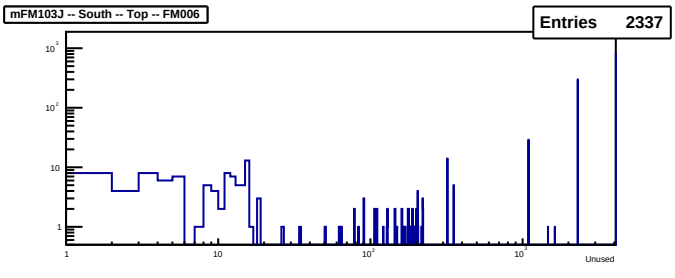
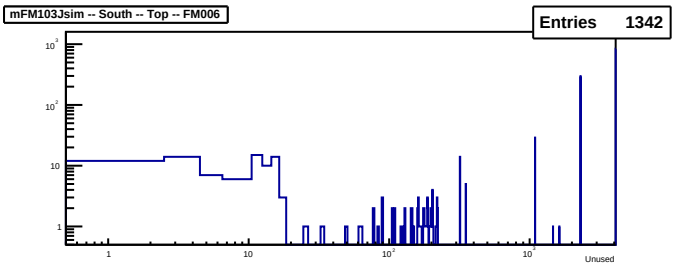
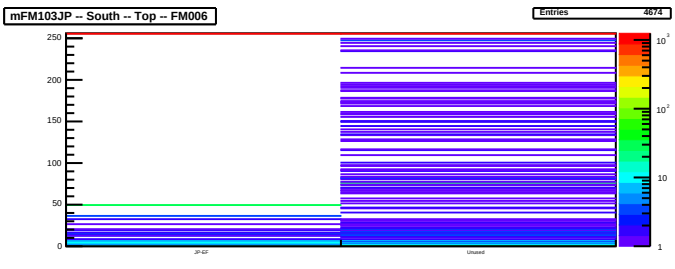
Entries 3356

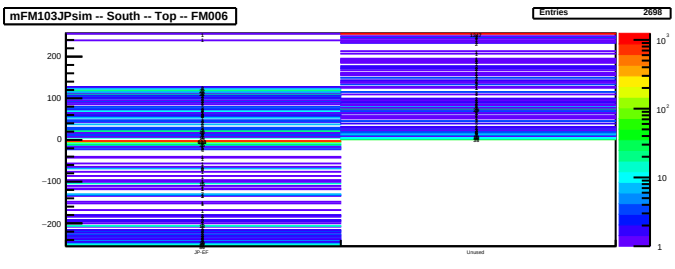

mFM103BS -- South -- Top --FM006
Entries 9348

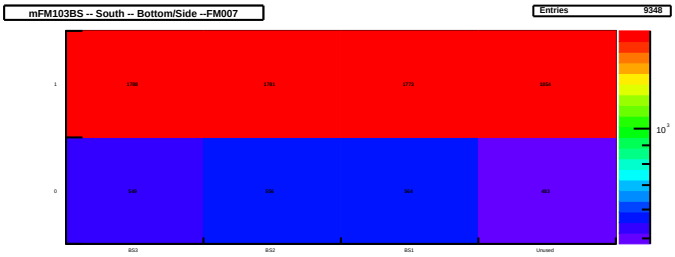

mFM103BSsim -- South -- Top --FM0006
Entries 7581

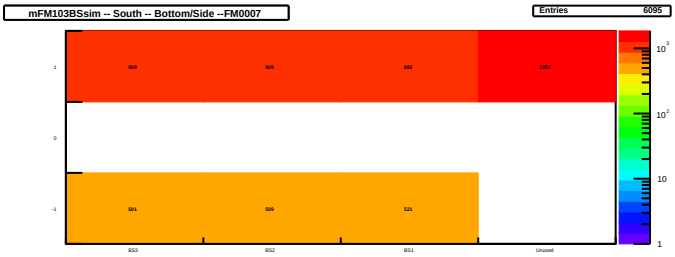

mFM103J -- South -- Top -- FM006
Entries 2337
Unused


mFM103Jsim -- South -- Top -- FM006
Entries 1342
Unused


mFM103JP -- South -- Top -- FM006
Entries 4674


mFM103JPsim -- South -- Top -- FM006
Entries 2698


mFM103BS -- South -- Bottom/Side --FM007
Entries 9348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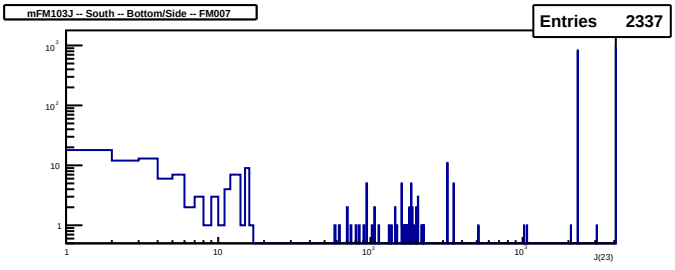
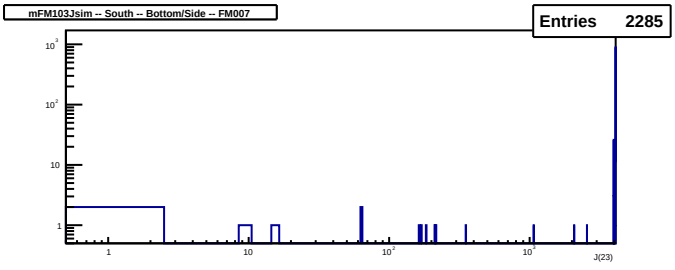
Entries 6095


mFM103J -- South -- Bottom/Side -- FM007
Entries 2337
J(23)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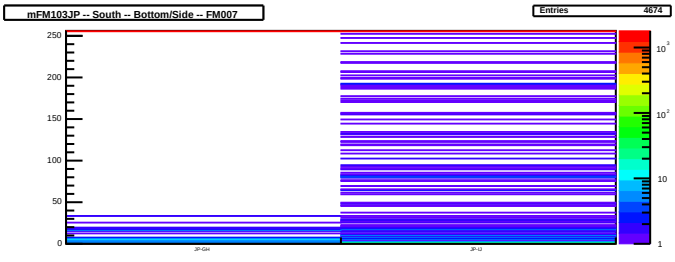
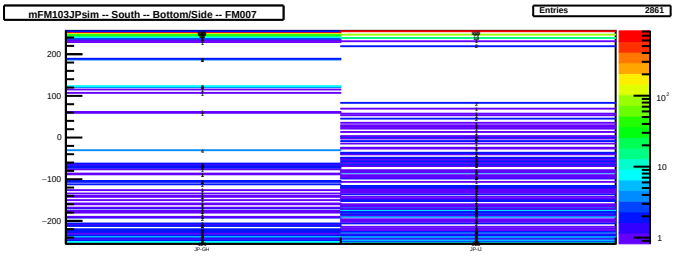
Entries 2285
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 4674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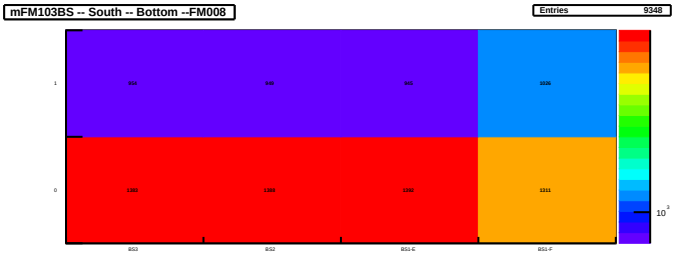
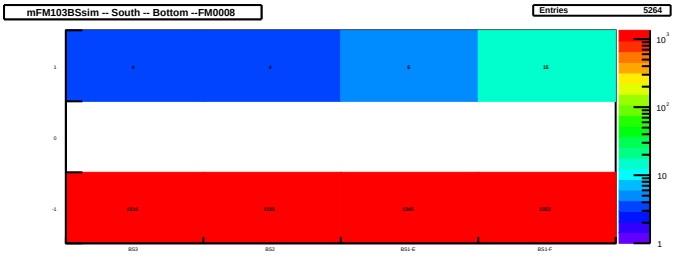
Entries 2861


mFM103BS -- South -- Bottom --FM008
Entries 9348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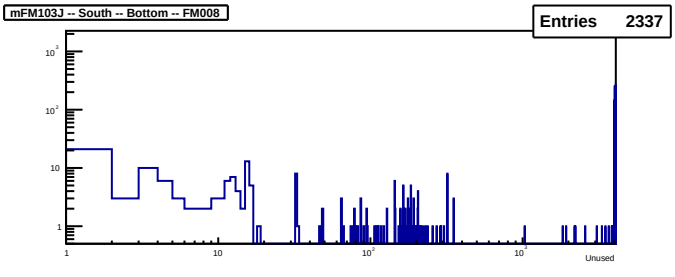
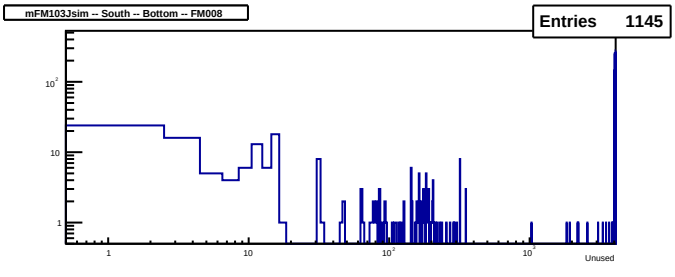
Entries 5264


mFM103J -- South -- Bottom -- FM008
Entries 2337
Unused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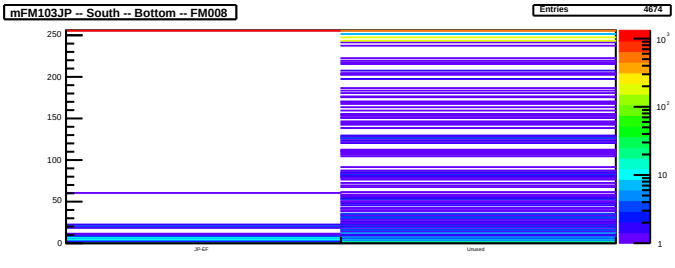
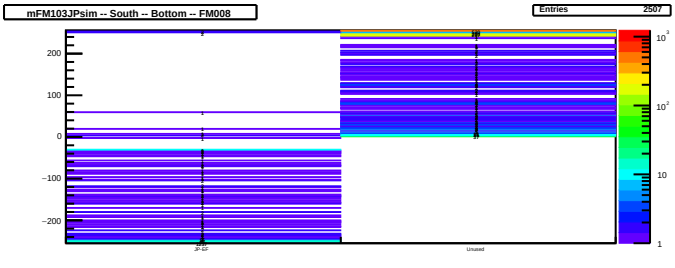
Entries 1145
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 4674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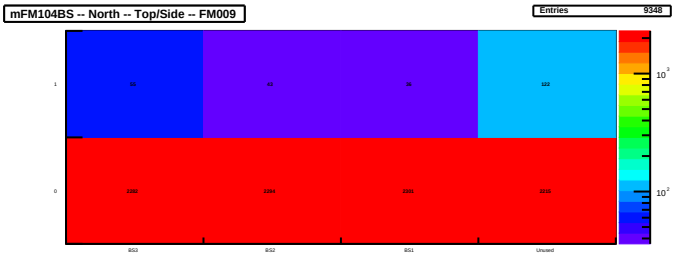
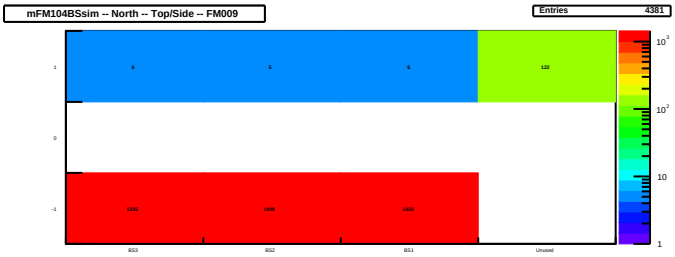
Entries 2507


mFM104BS -- North -- Top/Side -- FM009
Entries 9348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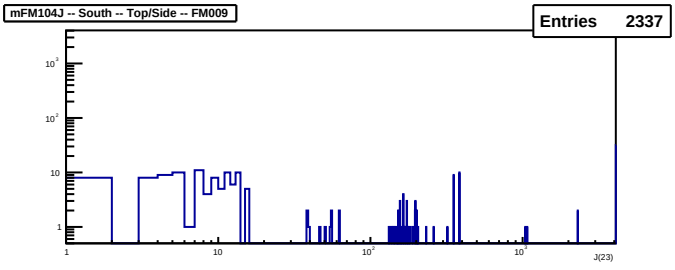
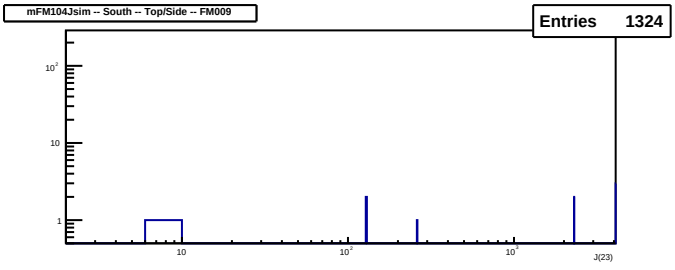
Entries 4381


mFM104J -- South -- Top/Side -- FM009
Entries 2337
J(23)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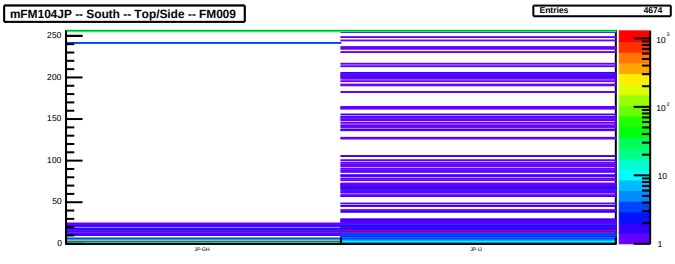
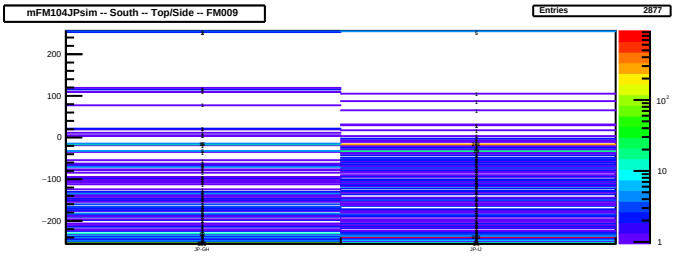
Entries 1324
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 4674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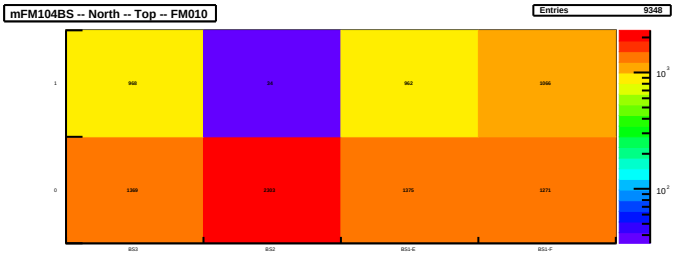
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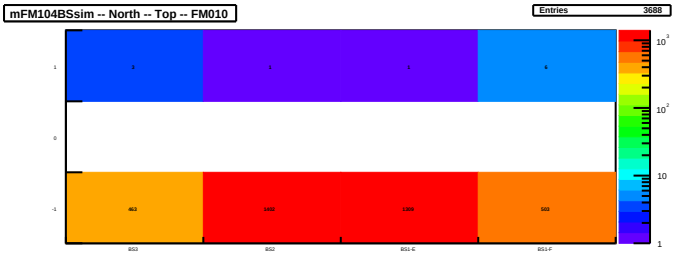
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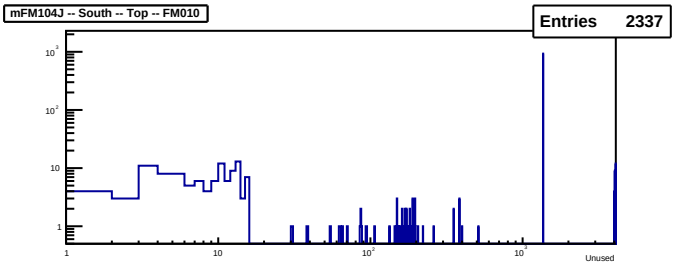
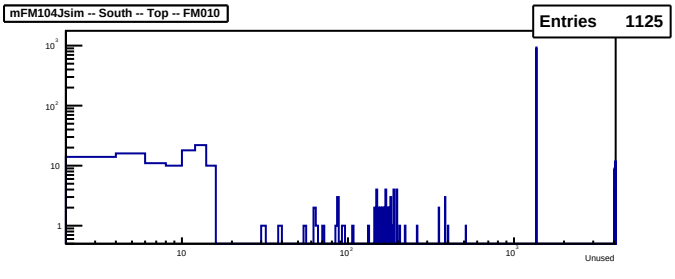
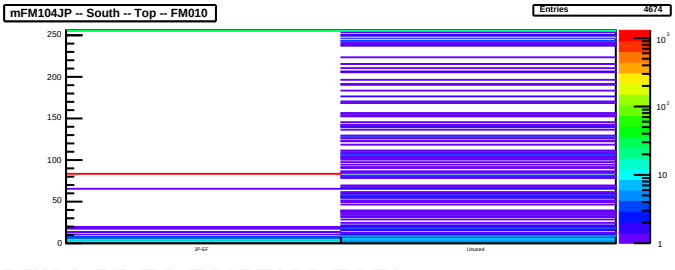
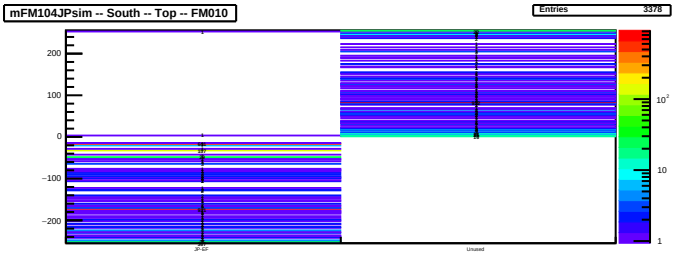
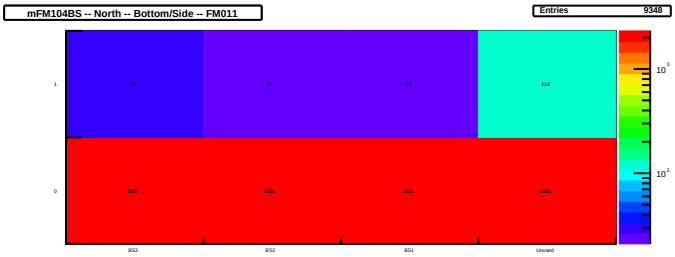
Entries 3688

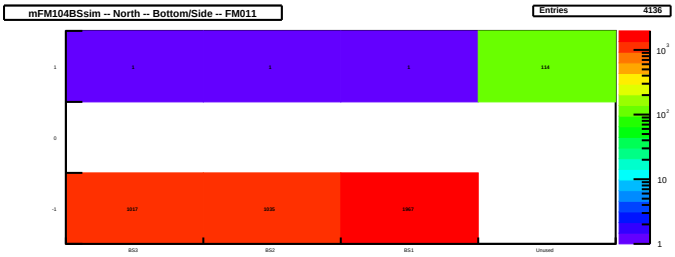

mFM104J -- South -- Top -- FM010
Entries 2337
Unused

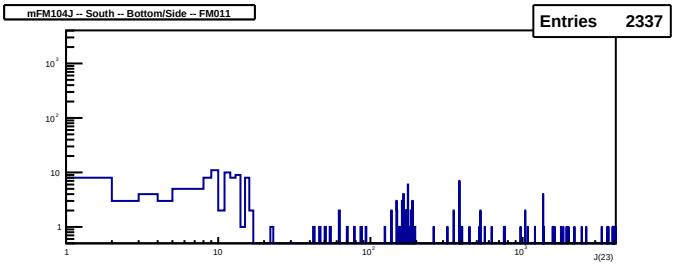

mFM104Jsim -- South -- Top -- FM010
Entries 1125
Unused

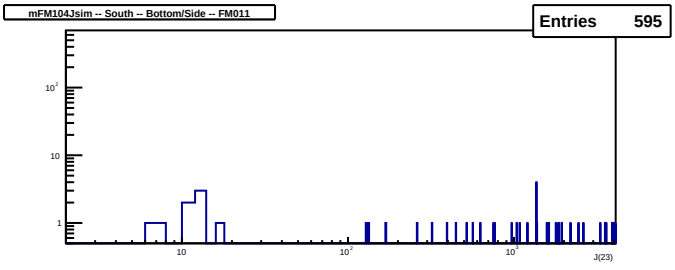

mFM104JP -- South -- Top -- FM010
Entries 4674

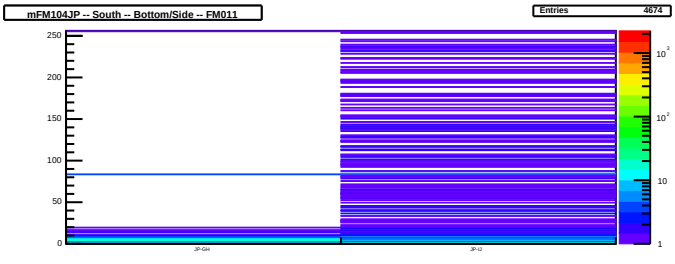

mFM104JPsim -- South -- Top -- FM010
Entries 3378

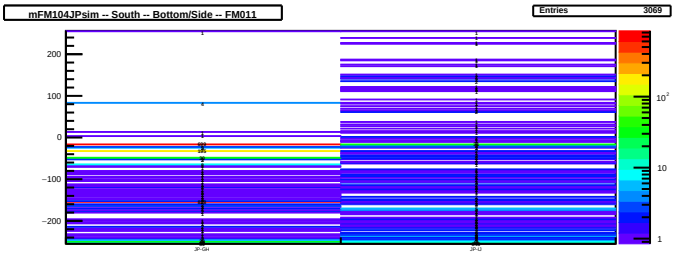

mFM104BS -- North -- Bottom/Side -- FM011
Entries 9348

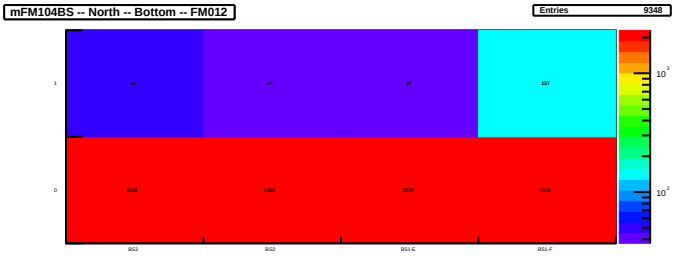

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4136

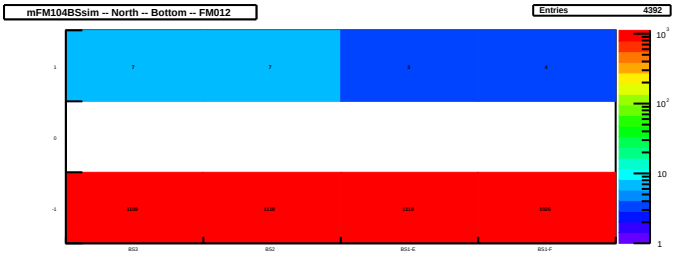

mFM104J -- South -- Bottom/Side -- FM011
Entries 2337
J(23)

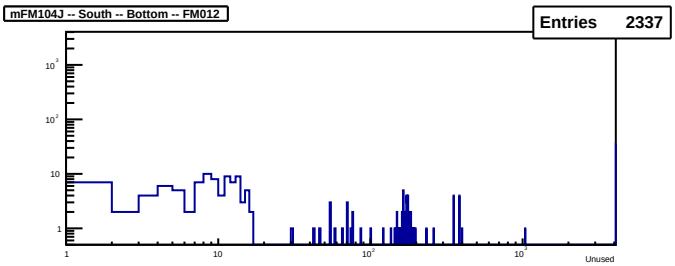

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 595
J(23)

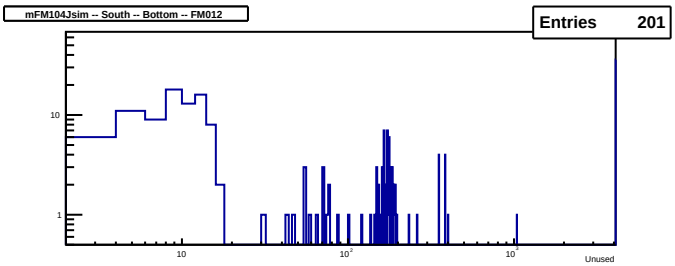

mFM104JP -- South -- Bottom/Side -- FM011
Entries 4674

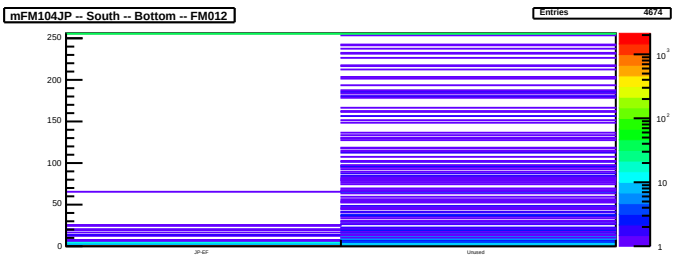

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3069

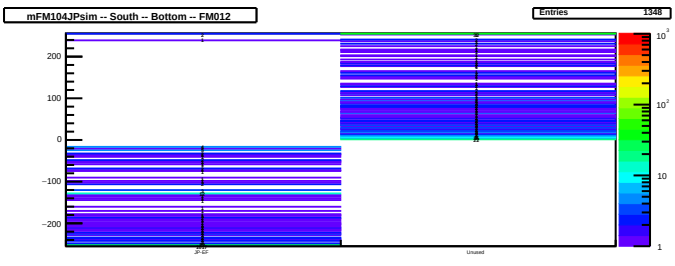

mFM104BS -- North -- Bottom -- FM012
Entries 9348

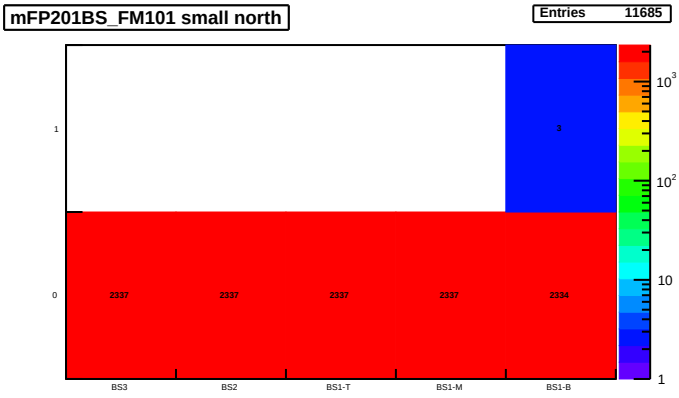

mFM104BSsim -- North -- Bottom -- FM012
Entries 4392

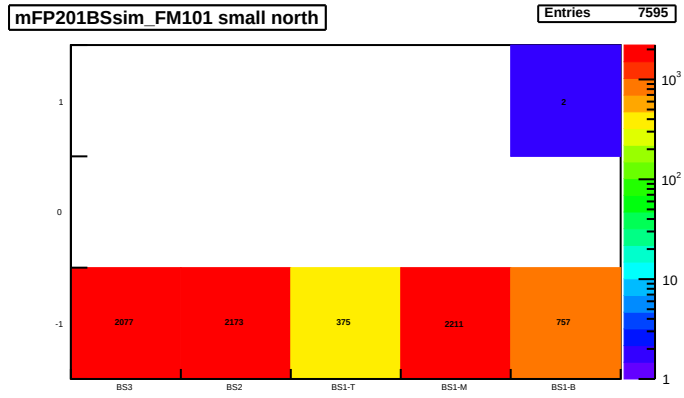

mFM104J -- South -- Bottom -- FM012
Entries 2337
Unused

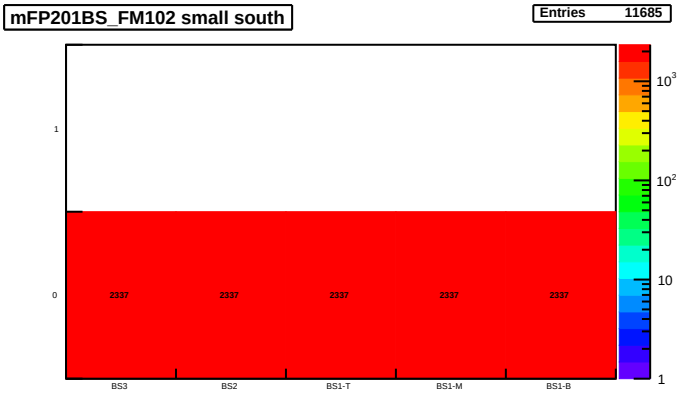

mFM104Jsim -- South -- Bottom -- FM012
Entries 201
Unused

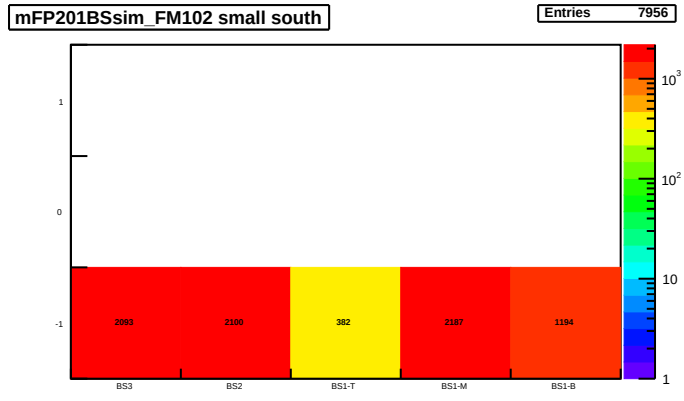

mFM104JP -- South -- Bottom -- FM012
Entries 4674

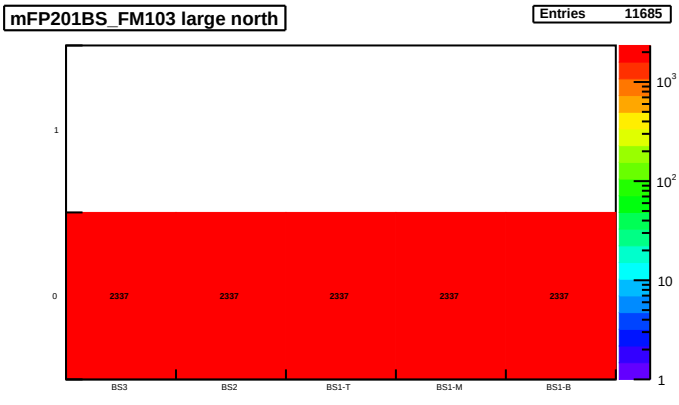

mFM104JPsim -- South -- Bottom -- FM012
Entries 1348

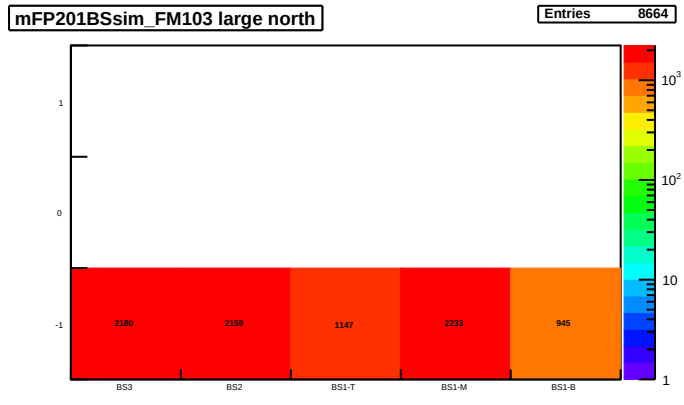

mFP201BS_FM101 small north
Entries 11685
1
0
2337
2337
2337
2337
2334
3
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2
10
1

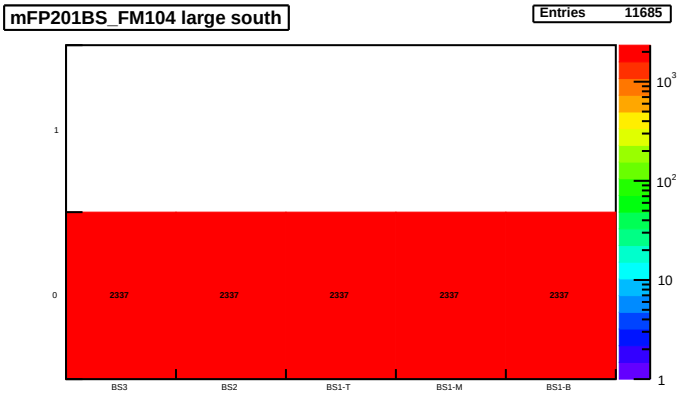

mFP201BSsim_FM101 small north
Entries 7595
1
0
-1
2077
2173
375
2211
757
2
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2
10
1

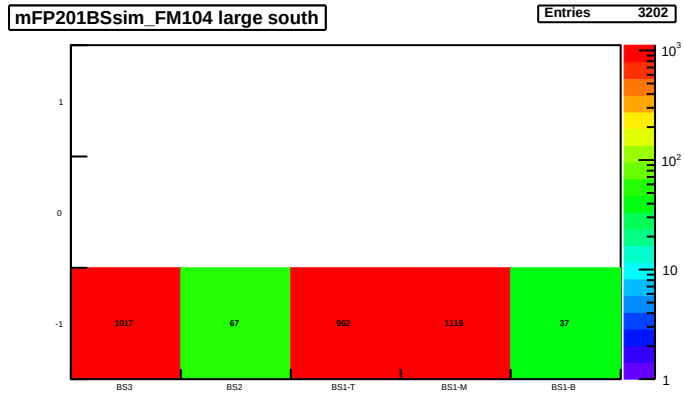

mFP201BS_FM102 small south
Entries 11685
1
0
2337
2337
2337
2337
2337
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2
10
1

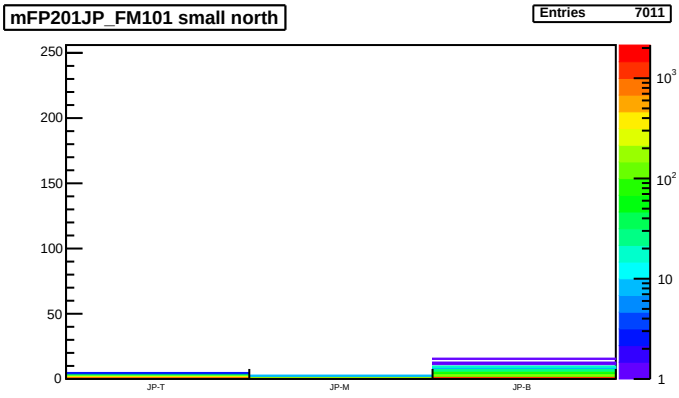

mFP201BSsim_FM102 small south
Entries 7956
1
0
-1
2093
2100
382
2187
1194
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2
10
1

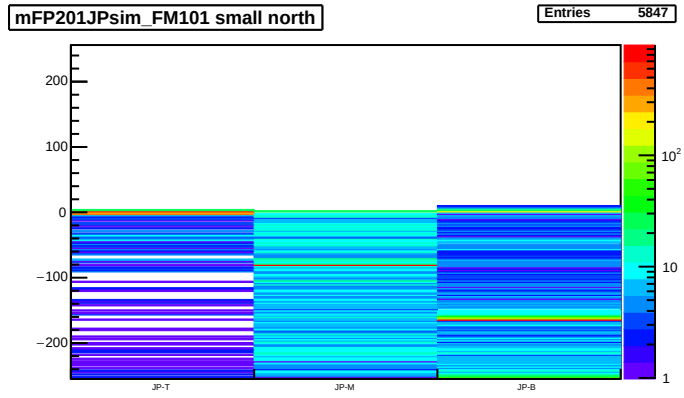

mFP201BS_FM103 large north
Entries 11685
1
0
2337
2337
2337
2337
2337
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2
10
1

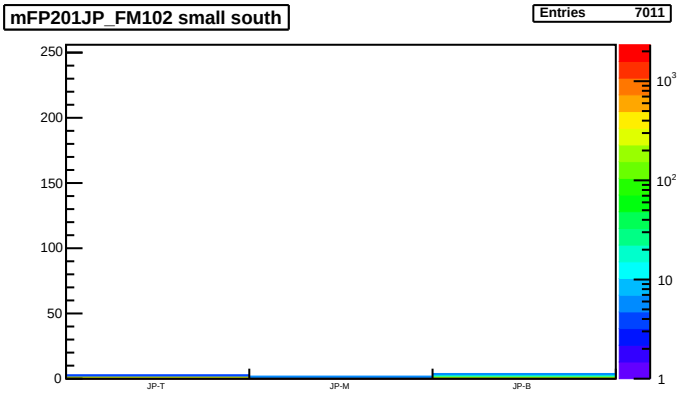

mFP201BSsim_FM103 large north
Entries 8664
1
0
-1
2180
2159
1147
2233
945
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2
10
1

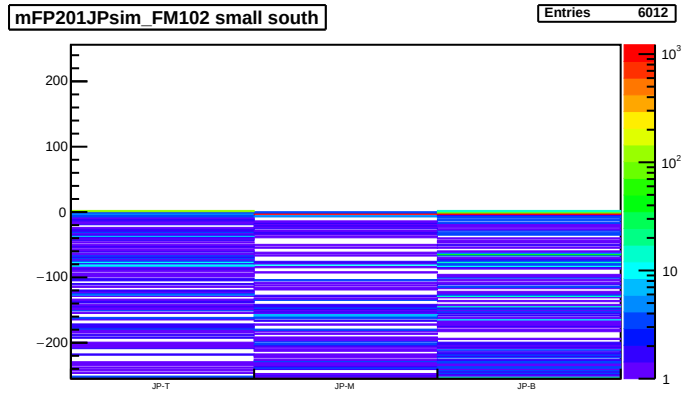

mFP201BS_FM104 large south
Entries 11685
1
0
2337
2337
2337
2337
2337
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2
10
1

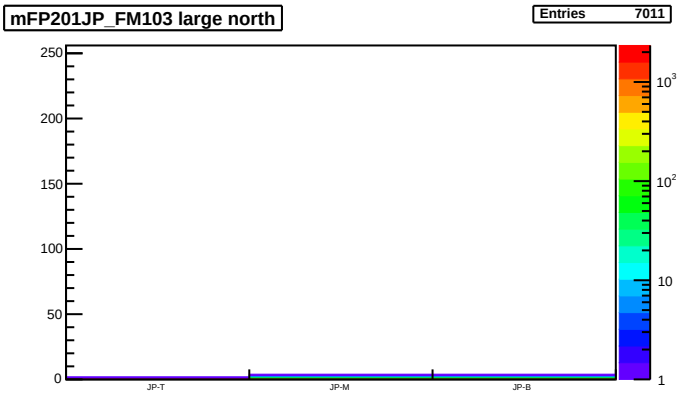

mFP201BSsim_FM104 large south
Entries 3202
1
0
-1
1017
67
962
1119
37
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2
10
1

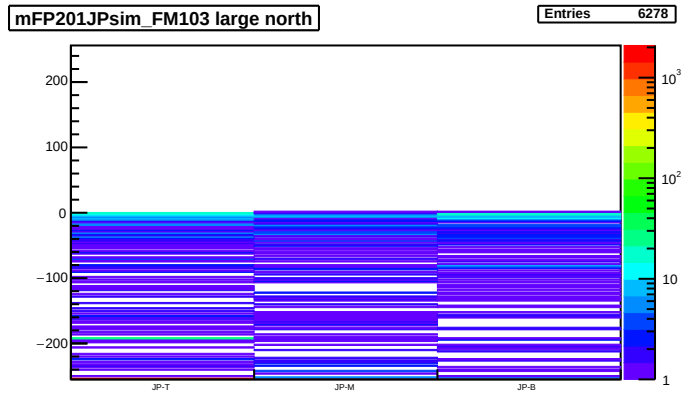

mFP201JP_FM101 small north
Entries 7011
JP-T
JP-M
JP-B

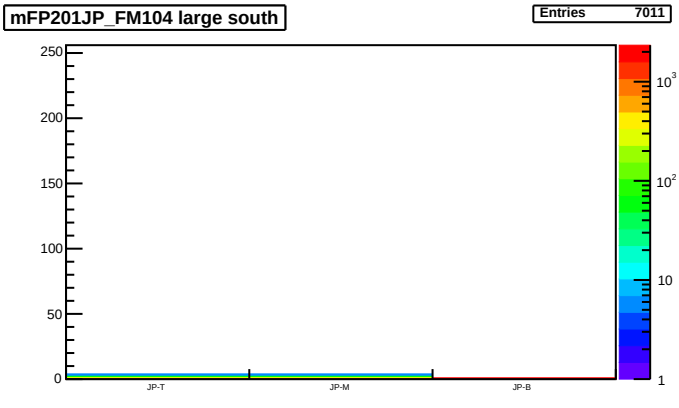

mFP201JPsim_FM101 small north
Entries 5847
JP-T
JP-M
JP-B

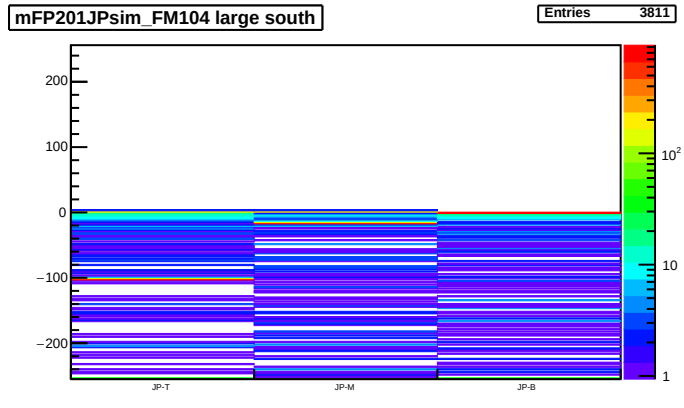

mFP201JP_FM102 small south
Entries 7011
JP-T
JP-M
JP-B

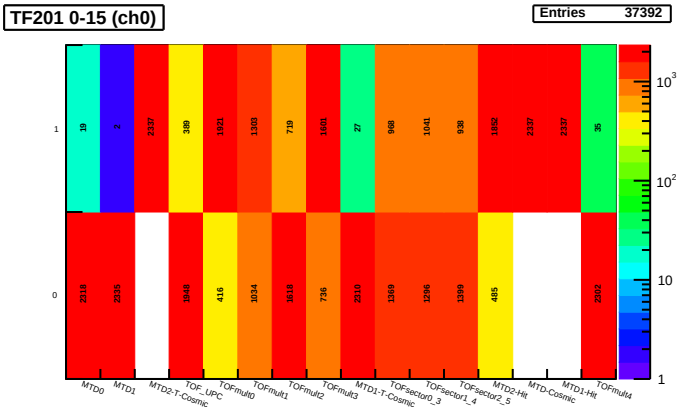

mFP201JPsim_FM102 small south
Entries 6012
JP-T
JP-M
JP-B

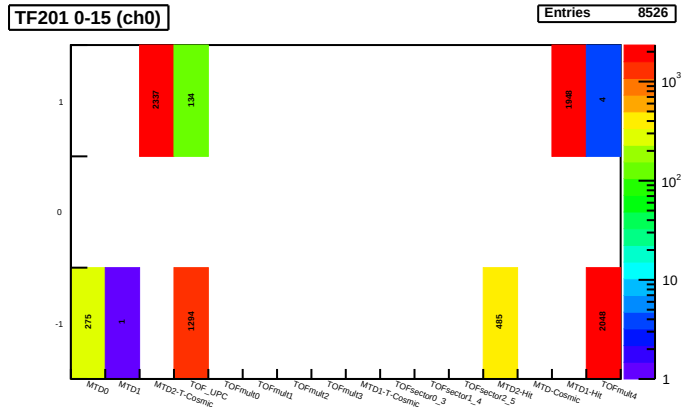

mFP201JP_FM103 large north
Entries 7011
JP-T
JP-M
JP-B

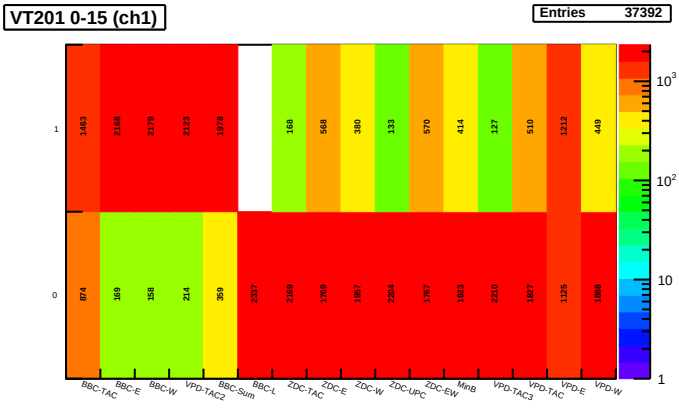

mFP201JPsim_FM103 large north
Entries 6278
JP-T
JP-M
JP-B

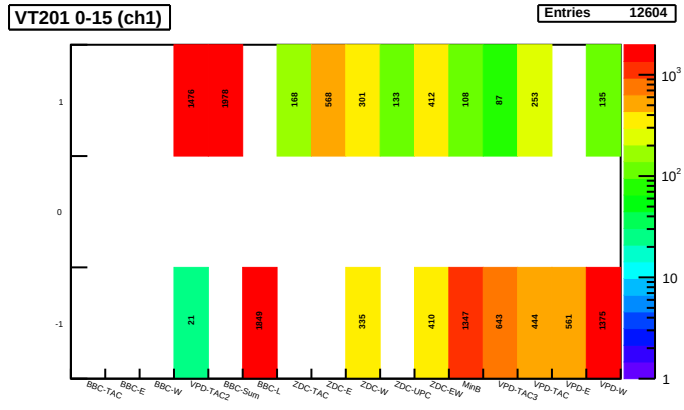

mFP201JP_FM104 large south
Entries 7011
JP-T
JP-M
JP-B

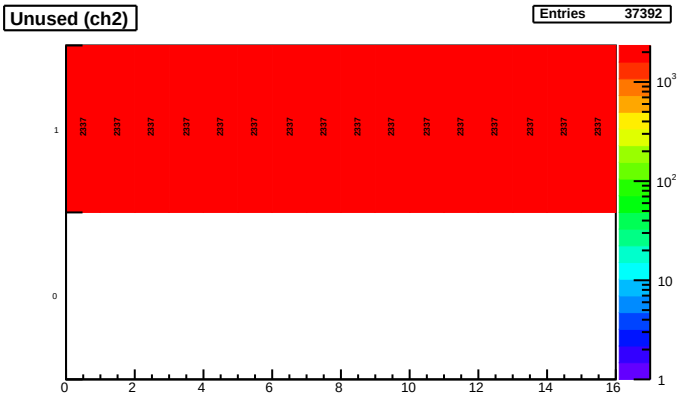

mFP201JPsim_FM104 large south
Entries 3811
JP-T
JP-M
JP-B

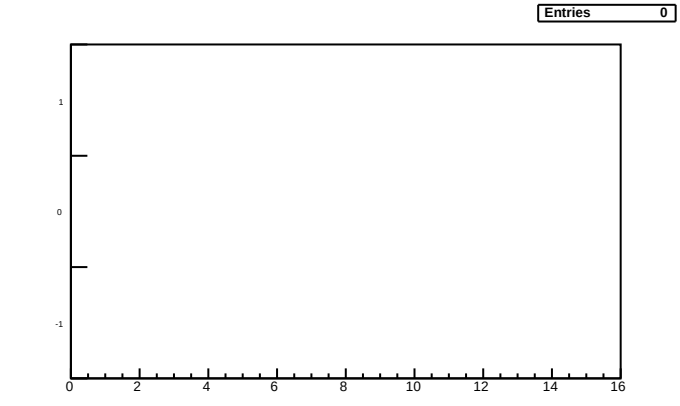

TF201 0-15 (ch0)
Entries 37392
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

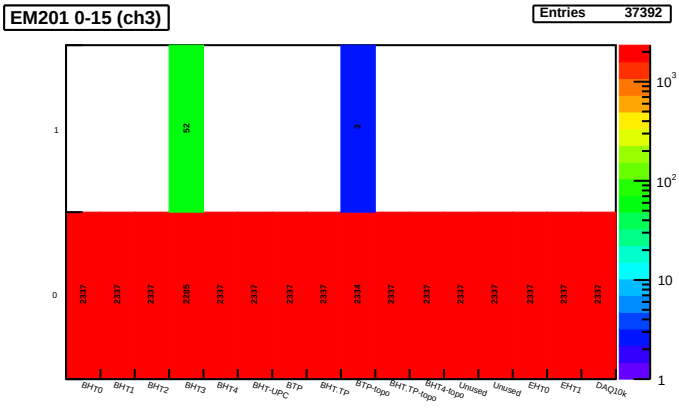

TF201 0-15 (ch0)
Entries 8526
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

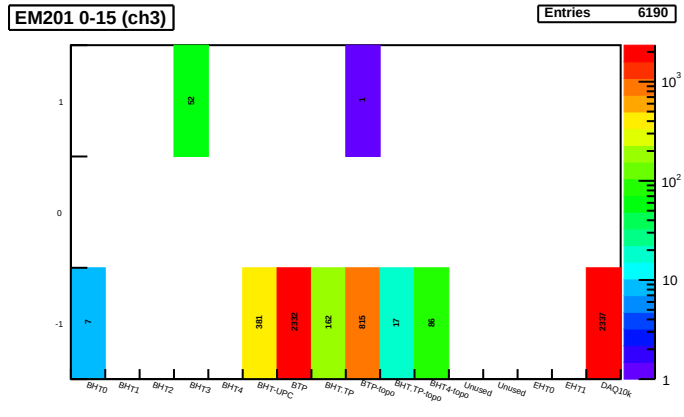

VT201 0-15 (ch1)
Entries 37392
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W


VT201 0-15 (ch1)
Entries 12604
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

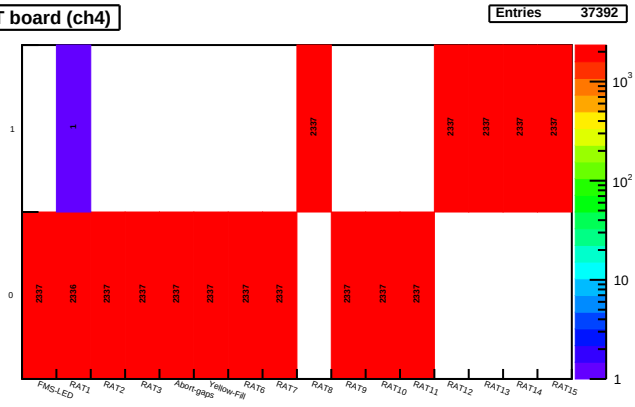

Unused (ch2)
Entries 37392

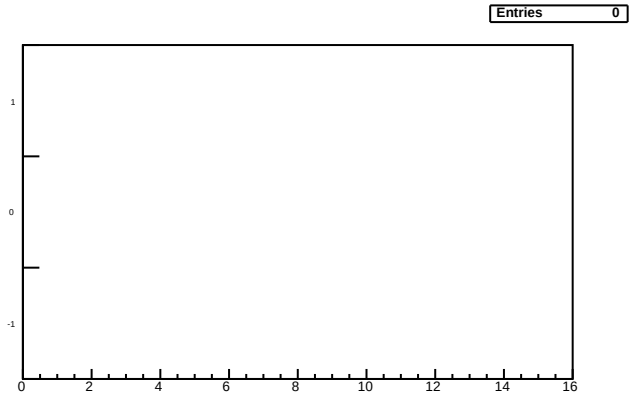

Entries 0


EM201 0-15 (ch3)
Entries 37392
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

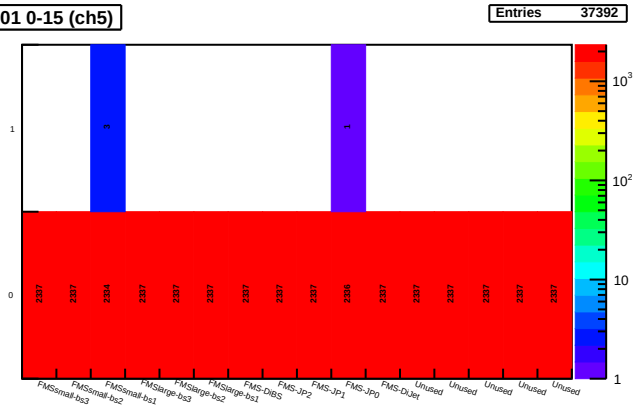

EM201 0-15 (ch3)
Entries 6190
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

RAT board (ch4)

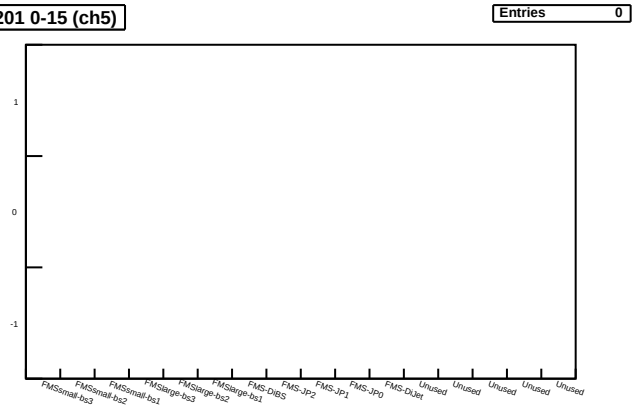




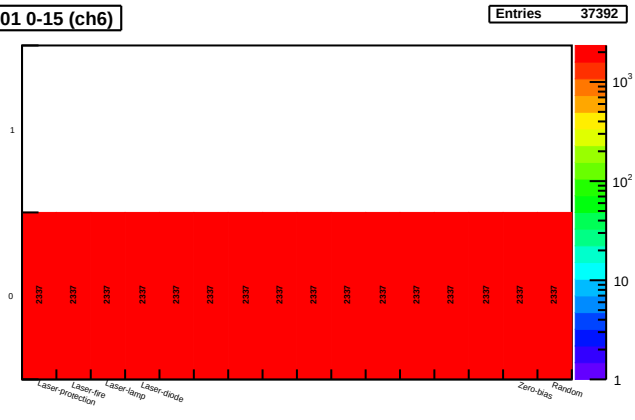
FP201 0-15 (ch5)

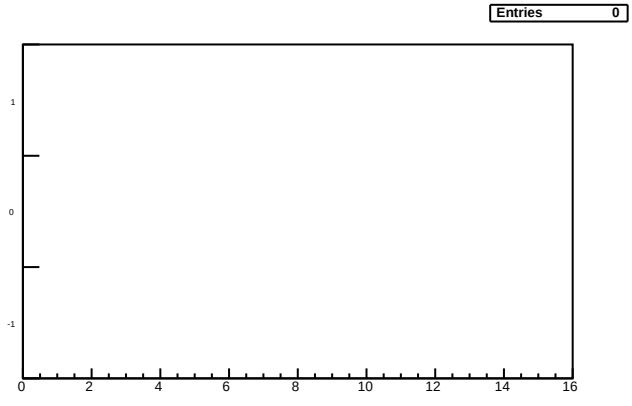
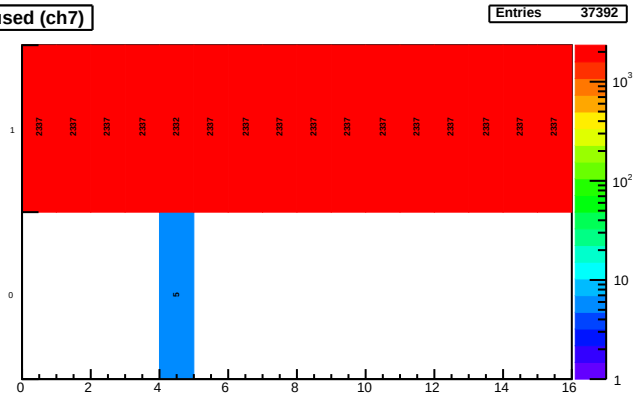
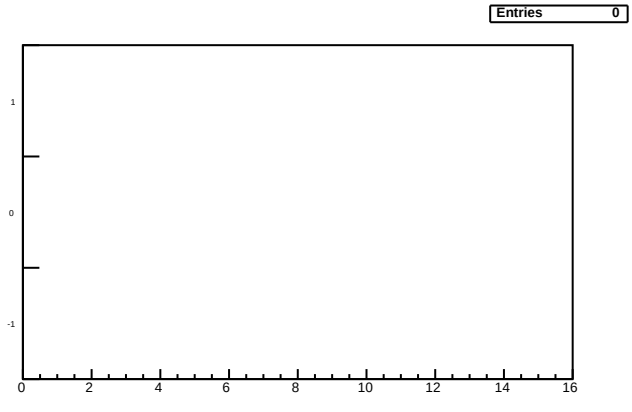


FP201 0-15 (ch5)



ST201 0-15 (ch6)





Unused (ch7)