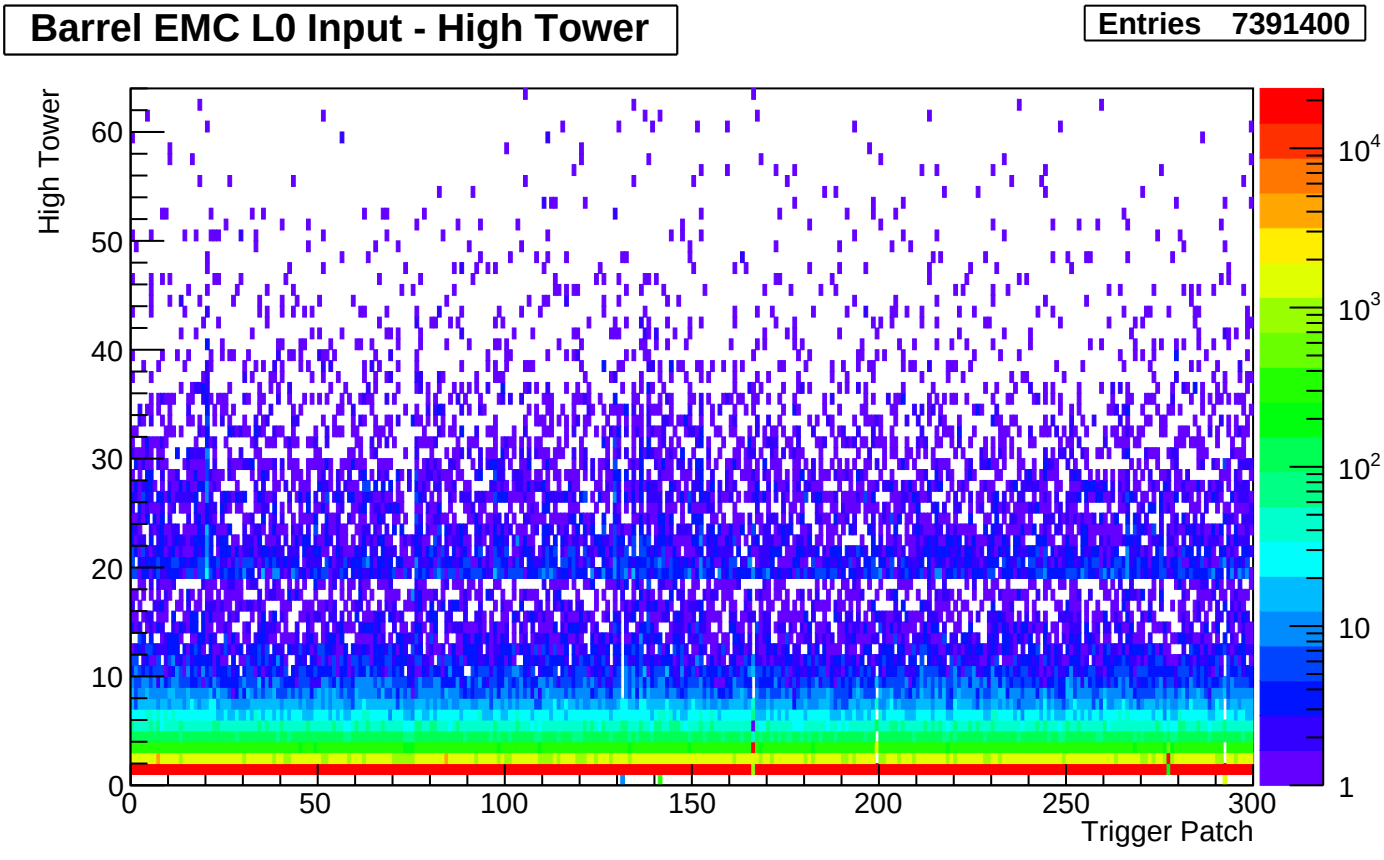
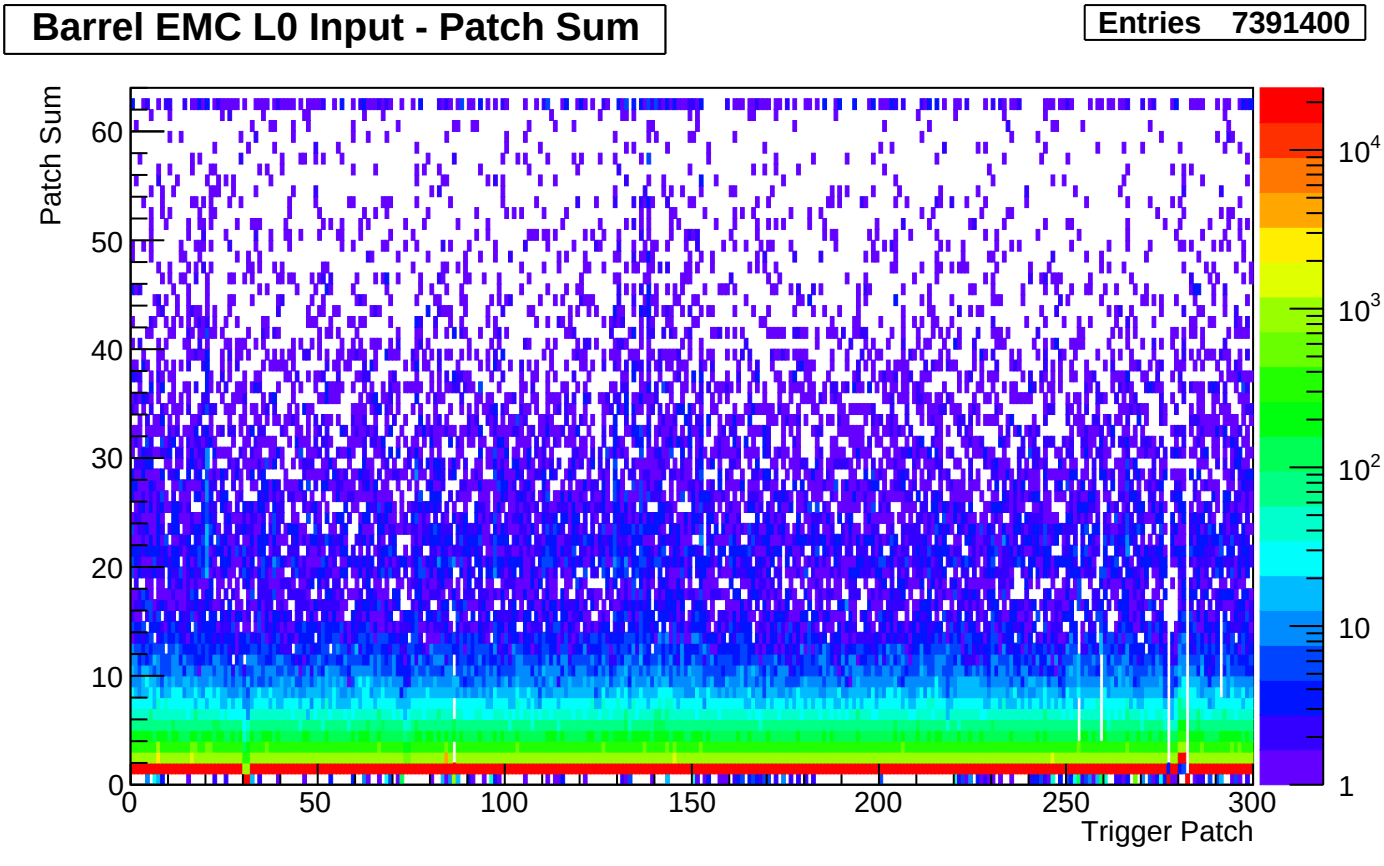
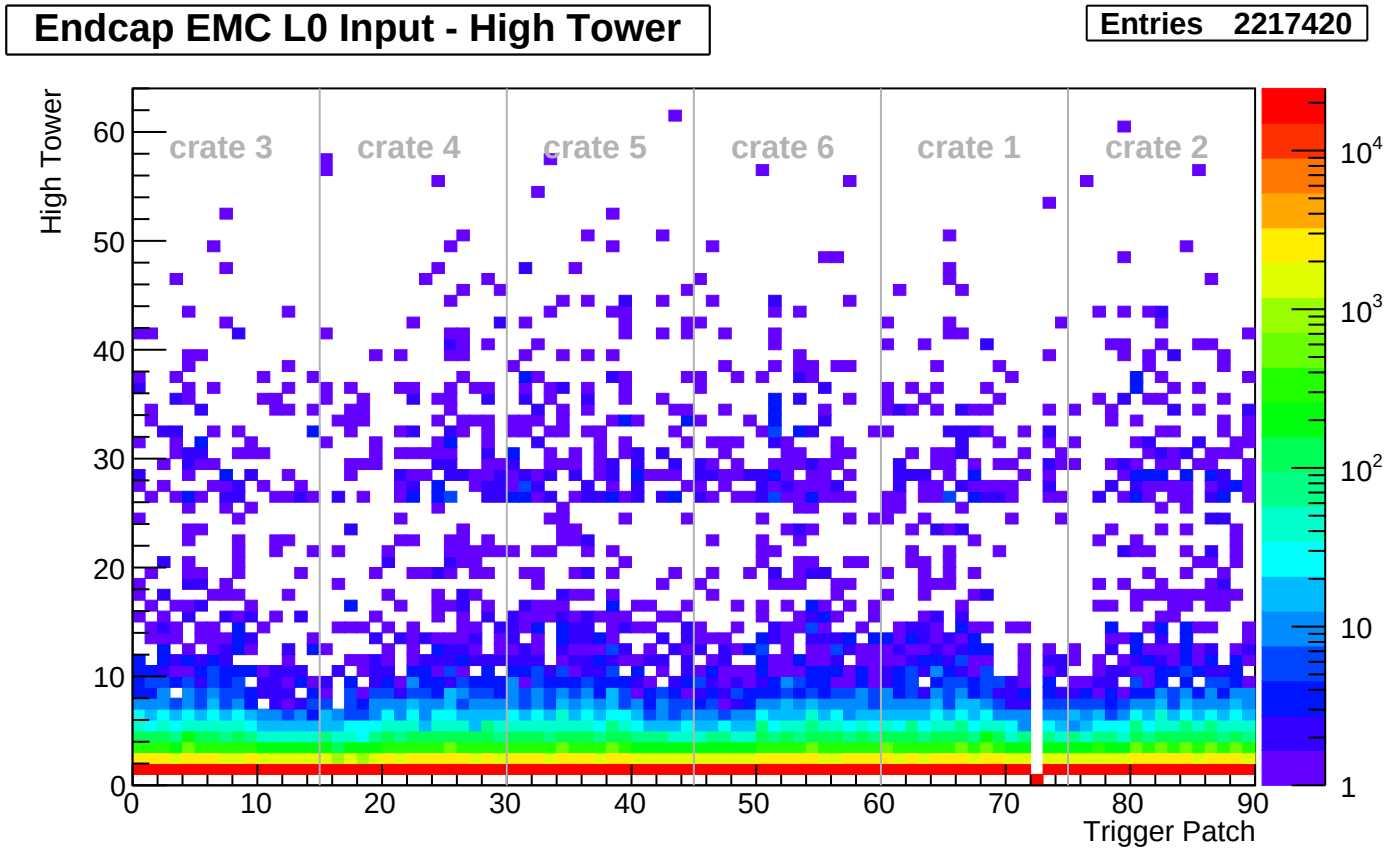
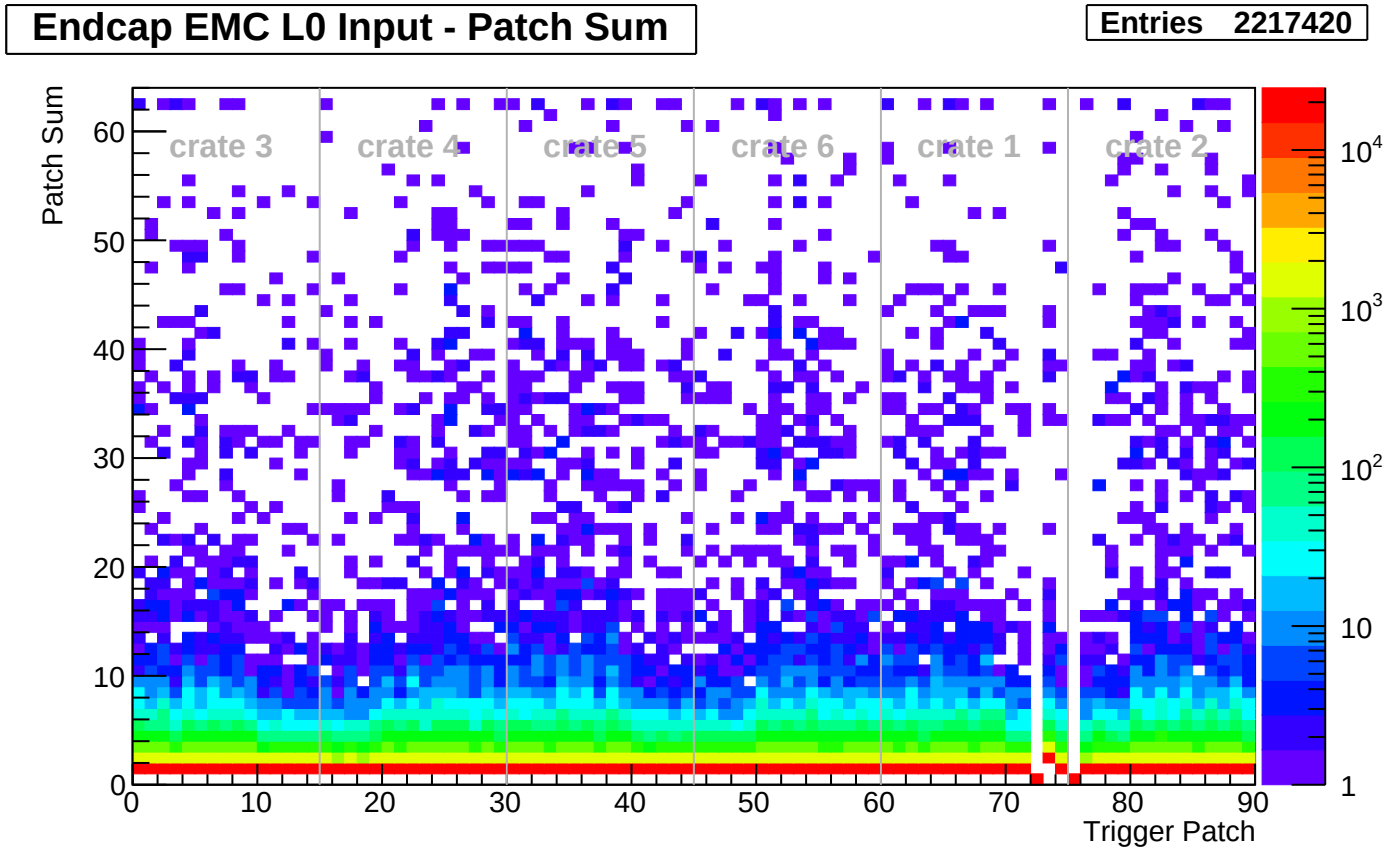
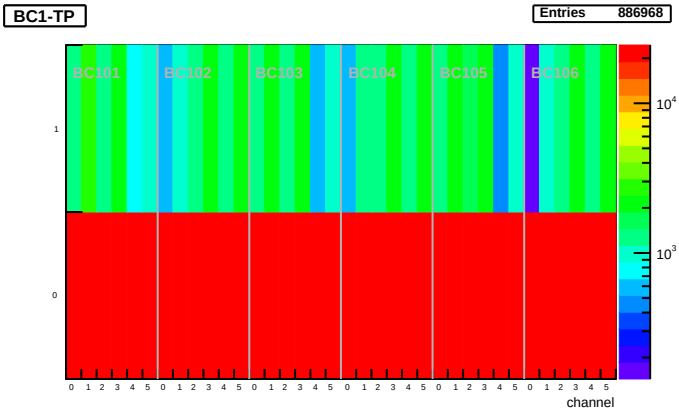
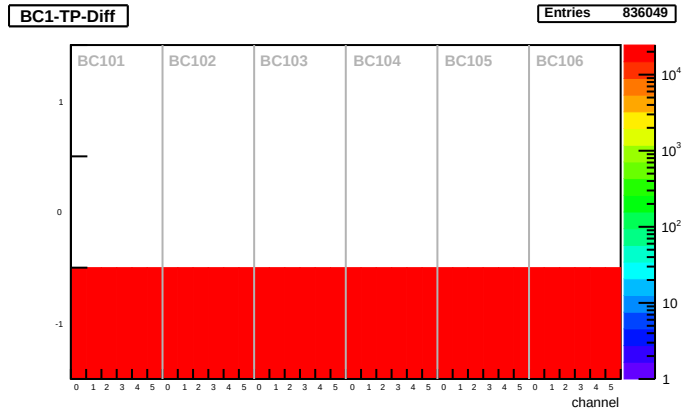

Barrel EMC L0 Input - High Tower
Entries 7391400
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

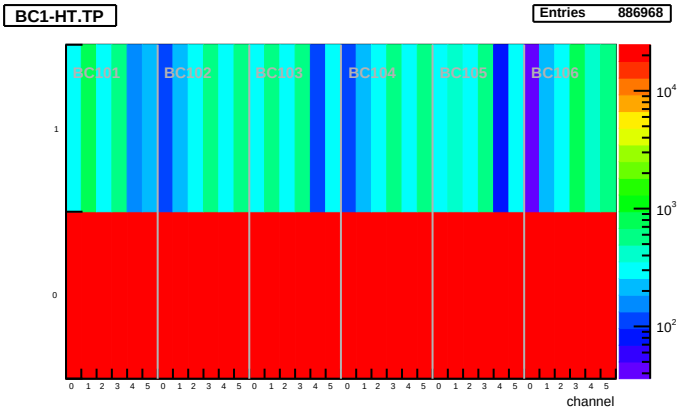

Barrel EMC L0 Input - Patch Sum
Entries 7391400
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

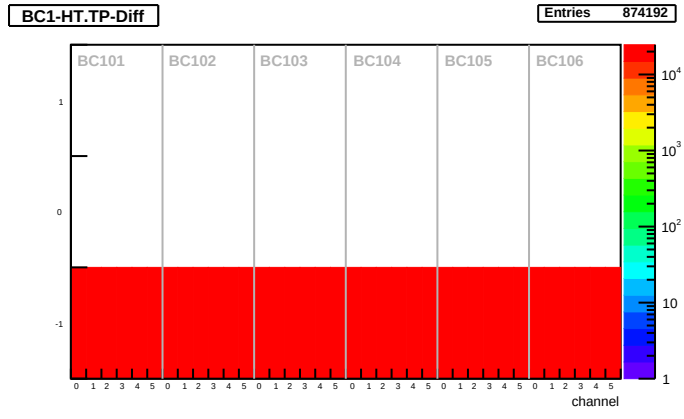

Endcap EMC L0 Input - High Tower
Entries 2217420
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

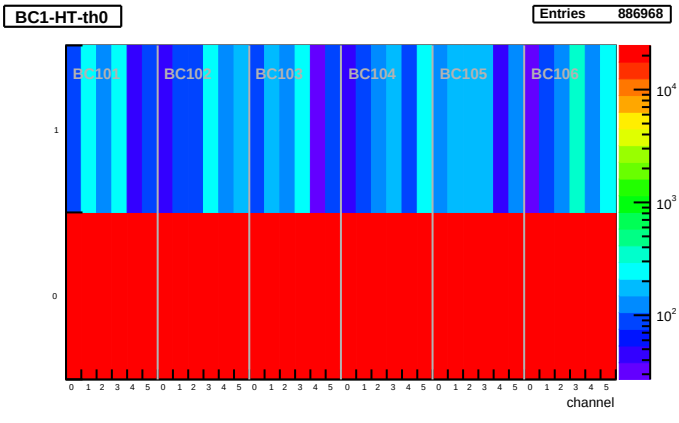

Endcap EMC L0 Input - Patch Sum
Entries 2217420
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

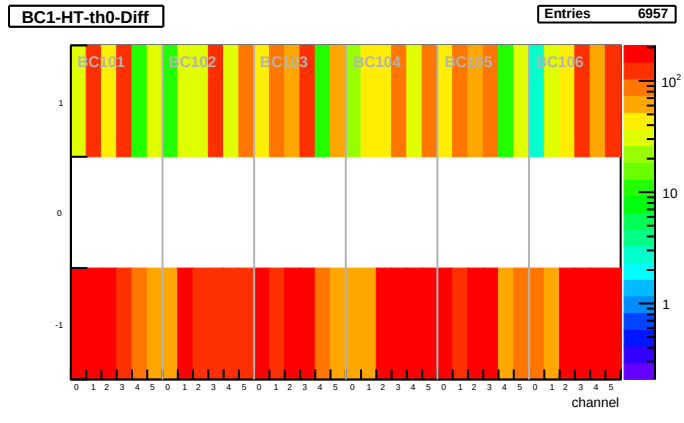

BC1-TP
Entries 886968
BC101
BC102
BC103
BC104
BC105
BC106
channel

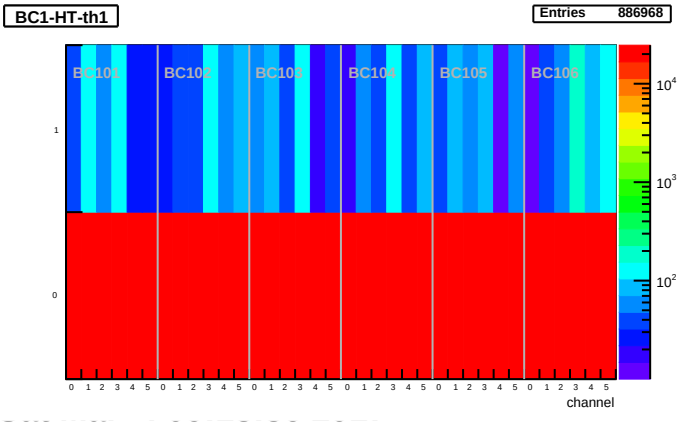

BC1-TP-Diff
Entries 836049
BC101
BC102
BC103
BC104
BC105
BC106
channel

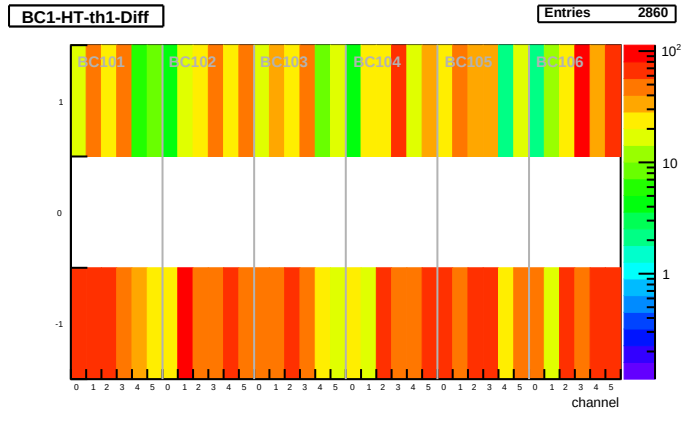

BC1-HT.TP
Entries 886968
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT.TP-Diff
Entries 874192
BC101
BC102
BC103
BC104
BC105
BC106
channel

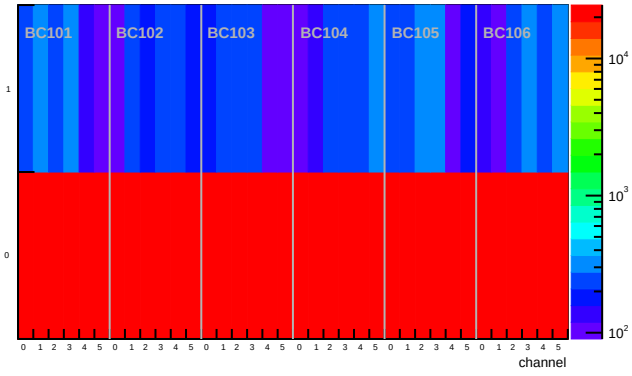

BC1-HT-th0
Entries 886968
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT-th0-Diff
Entries 6957
BC101
BC102
BC103
BC104
BC105
BC106
channel

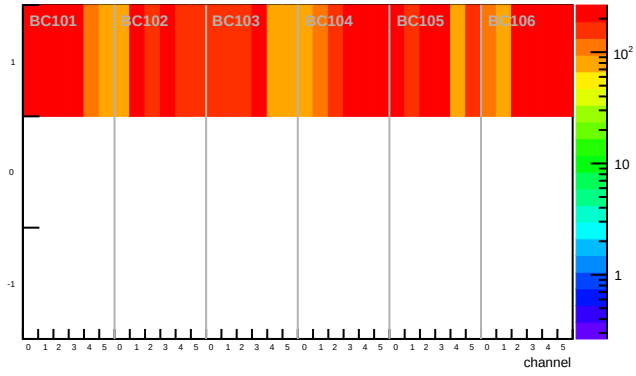

BC1-HT-th1
Entries 886968
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT-th1-Diff
Entries 2860
BC101
BC102
BC103
BC104
BC105
BC106
channel

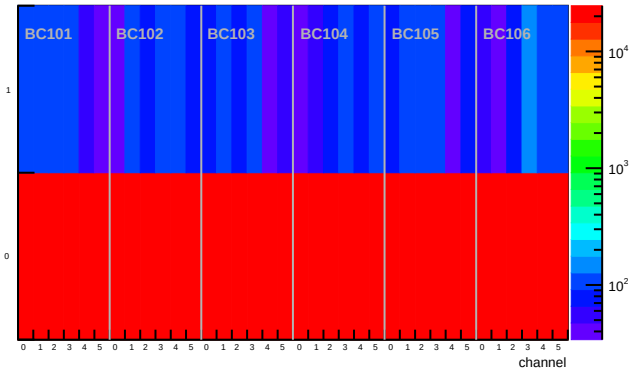
BC1-HT-th2



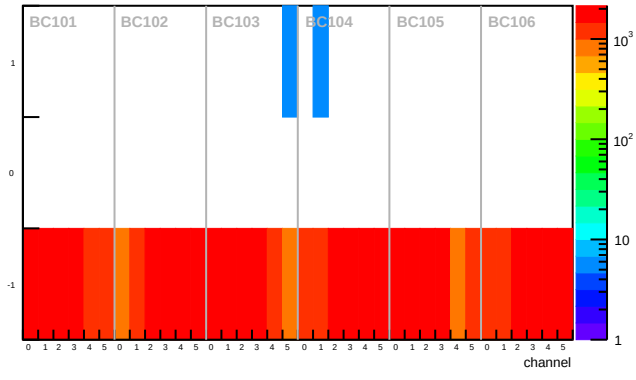
BC1-HT-th2-Diff



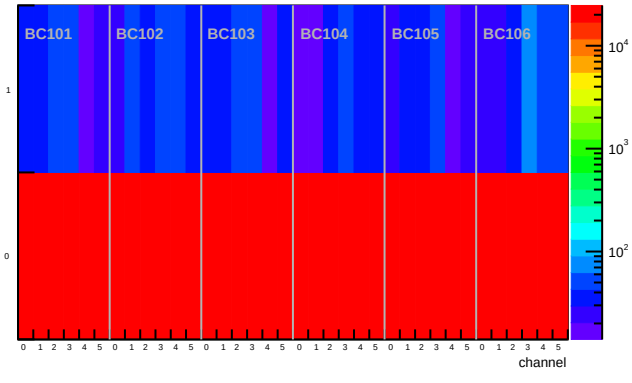
BC1-HT-th3



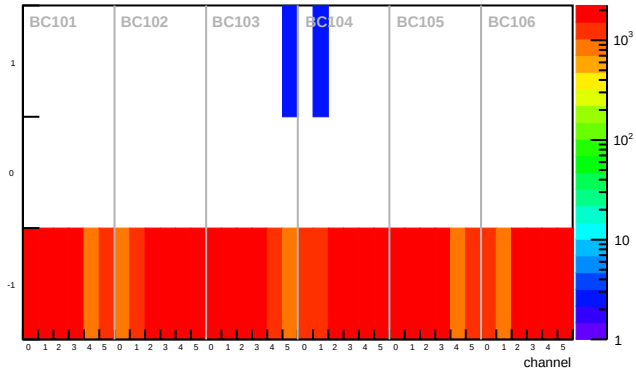
BC1-HT-th3-Diff



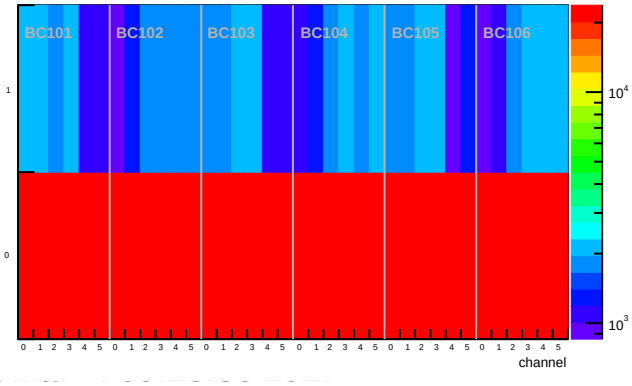
BC1-HT-th4



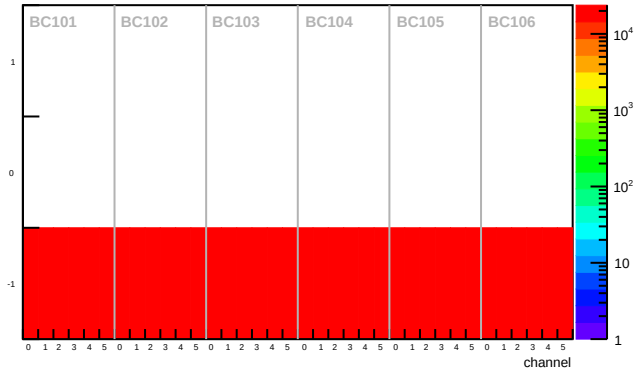
BC1-HT-th4-Diff

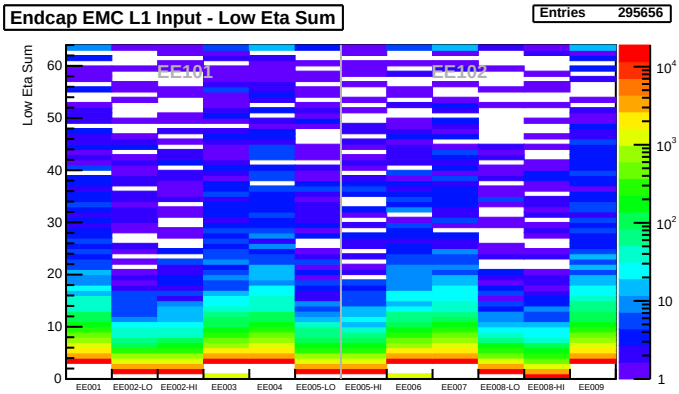


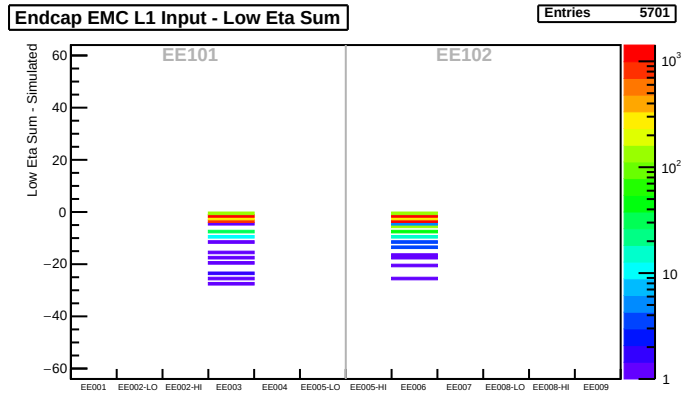
BC1-HT-UPC

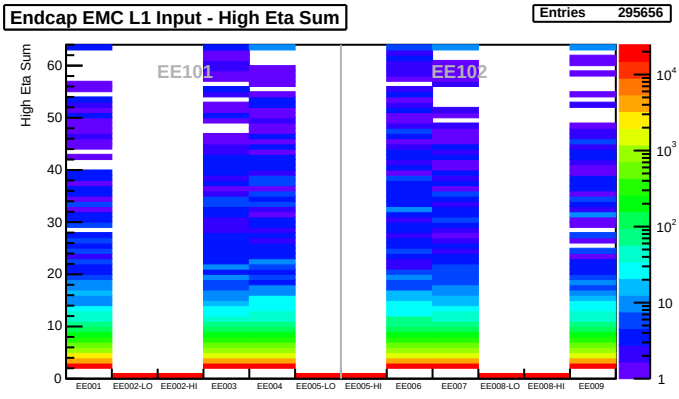


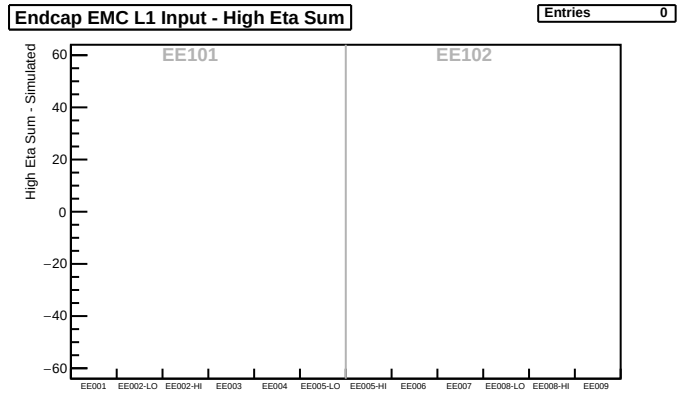
BC1-HT-UPC-Diff

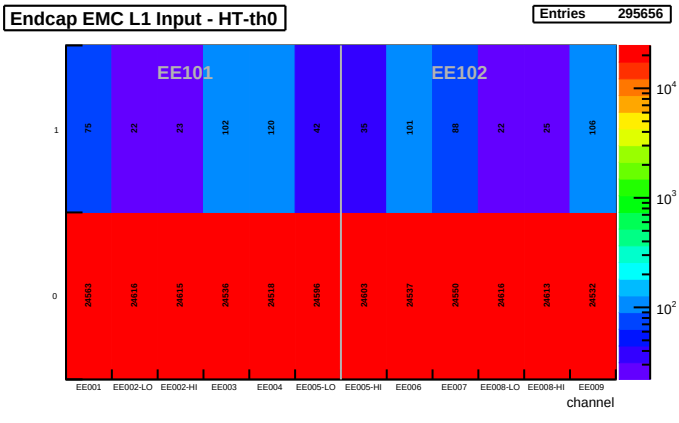


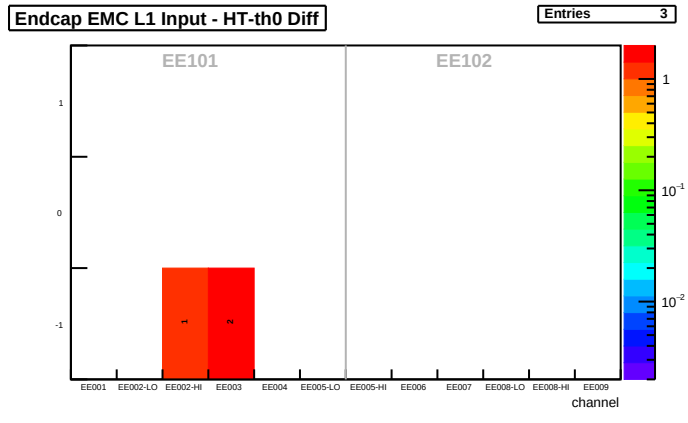

Endcap EMC L1 Input - Low Eta Sum
Entries 295656
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

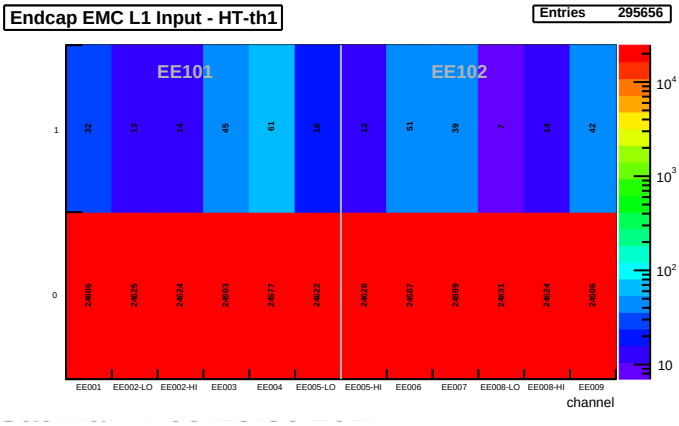

Endcap EMC L1 Input - Low Eta Sum
Entries 5701
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

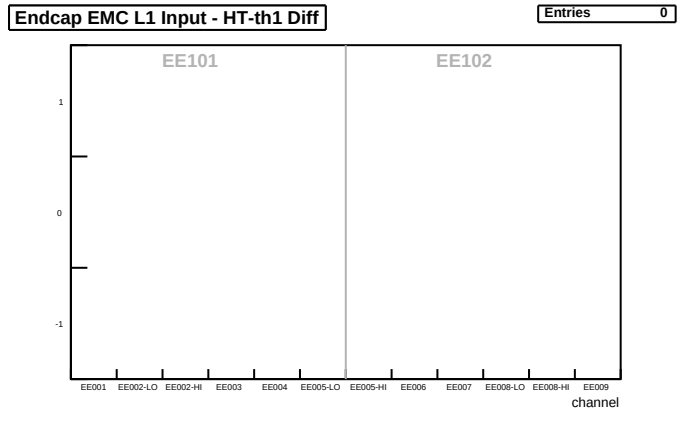

Endcap EMC L1 Input - High Eta Sum
Entries 295656
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

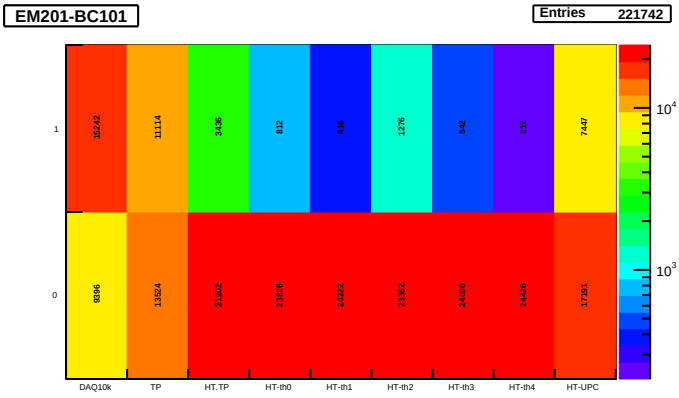

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

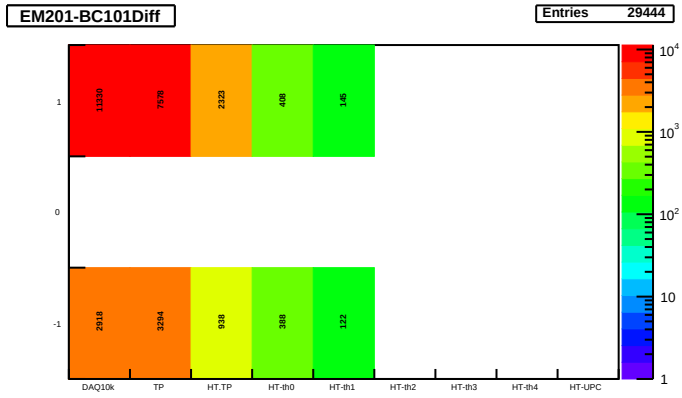

Endcap EMC L1 Input - HT-th0
Entries 295656
EE101
EE102
75 22 23 102 120 42 35 101 88 22 25 106
24563 24616 24615 24536 24518 24506 24603 24637 24550 24616 24613 24532
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

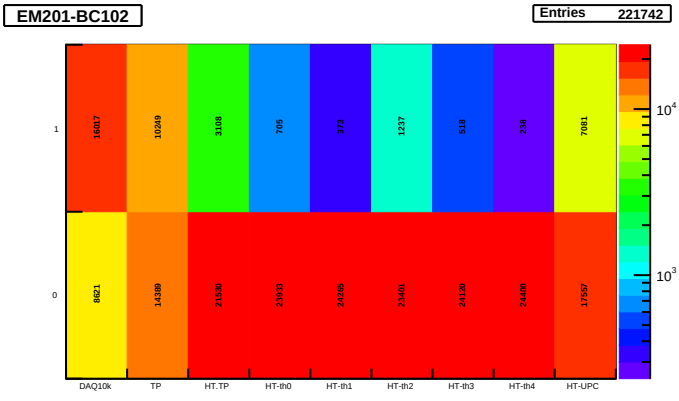

Endcap EMC L1 Input - HT-th0 Diff
Entries 3
EE101
EE102
1 2
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

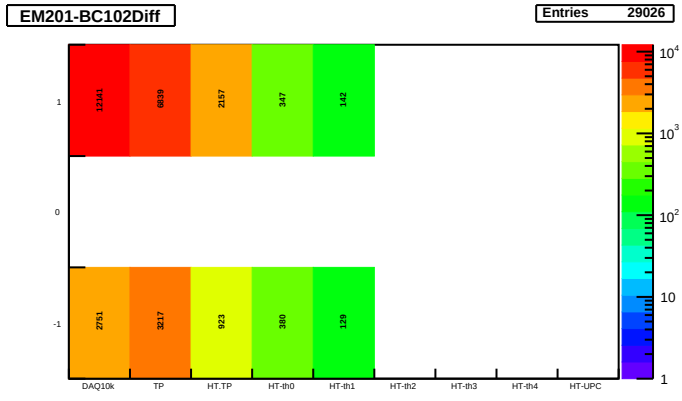

Endcap EMC L1 Input - HT-th1
Entries 295656
EE101
EE102
32 13 14 45 61 16 12 51 39 7 14 42
24606 24625 24624 24593 24577 24622 24626 24587 24599 24631 24624 24596
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

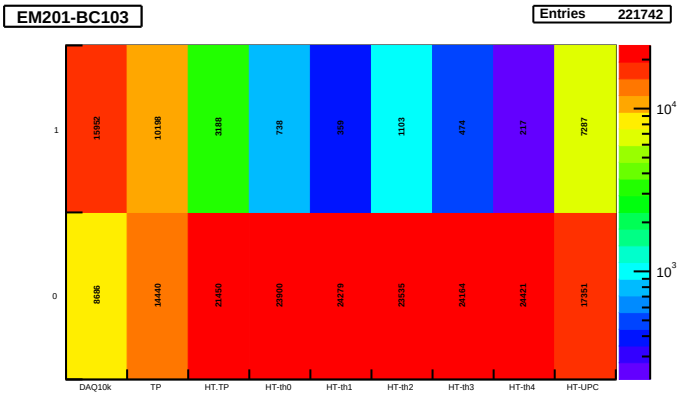

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

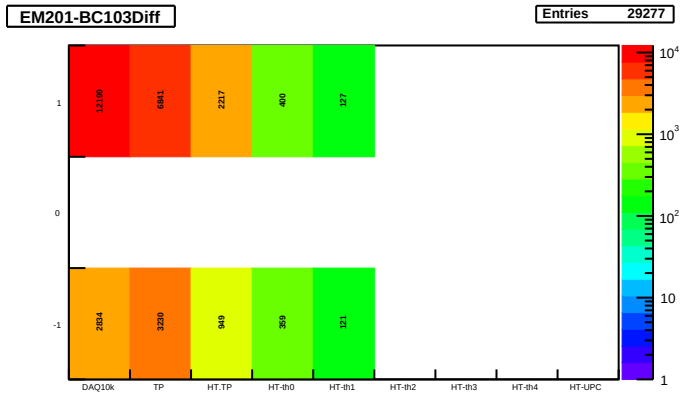

EM201-BC101
Entries 221742
1 15242 11114 3436 812 416 1276 542 212 7447
0 9396 13824 21202 23826 24222 23362 24096 24426 17191
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3

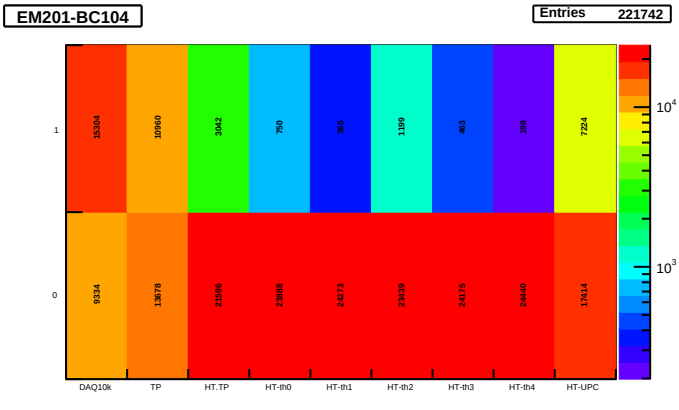

EM201-BC101Diff
Entries 29444
1 11330 7578 2323 408 145
0
-1 2918 3294 938 388 122
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3
10^2
10
1

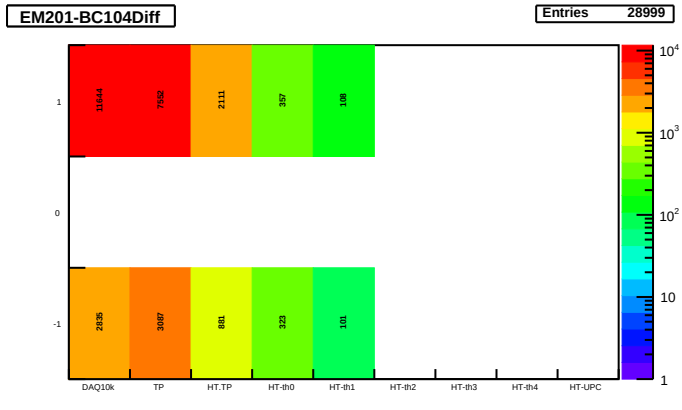

EM201-BC102
Entries 221742
1 16017 10249 3108 705 373 1237 518 238 7081
0 8821 14389 21530 23933 24265 23401 24120 24400 17557
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3


EM201-BC102Diff
Entries 29026
1 12141 6839 2157 347 142
0
-1 2751 3217 923 380 129
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3
10^2
10
1


EM201-BC103
Entries 221742
1 15952 10198 3188 738 359 1103 474 217 7287
0 8686 14440 21459 23900 24279 23535 24164 24421 17351
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3

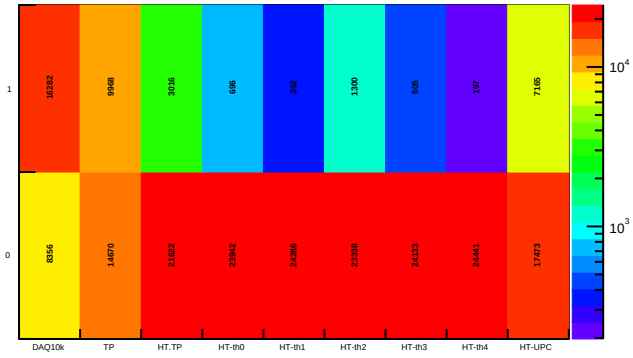

EM201-BC103Diff
Entries 29277
1 12139 6841 2217 400 127
0
-1 2834 3250 949 359 121
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3
10^2
10
1


EM201-BC104
Entries 221742
1 15304 10960 3042 750 365 1199 463 198 7224
0 9334 13678 21596 23888 24273 23439 24175 24440 17414
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3


EM201-BC104Diff
Entries 28999
1 11644 7552 2111 357 108
0
-1 2835 3087 881 323 101
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3
10^2
10
1

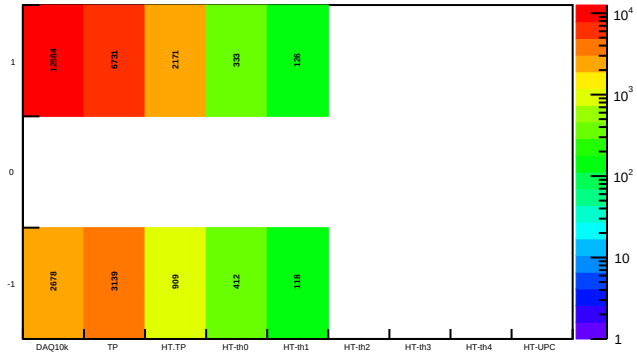
EM201-BC105

Entries 221742



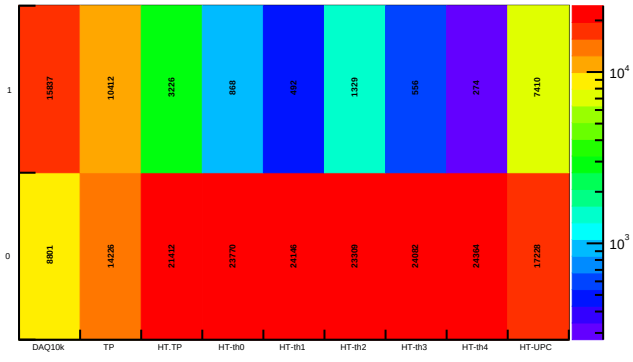
EM201-BC105Diff

Entries 29201



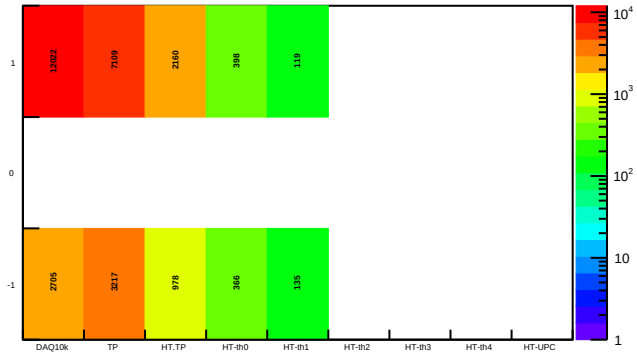
EM201-BC106

Entries 221742



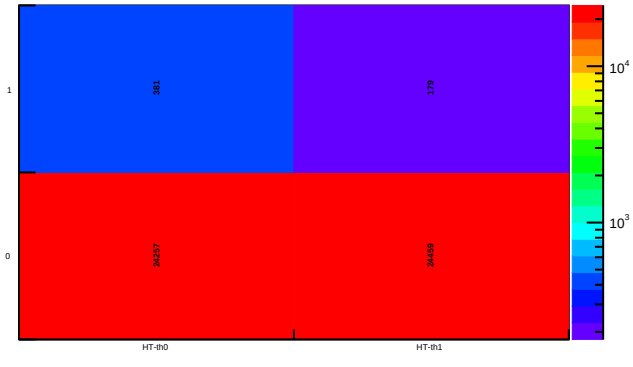
EM201-BC106Diff

Entries 29209



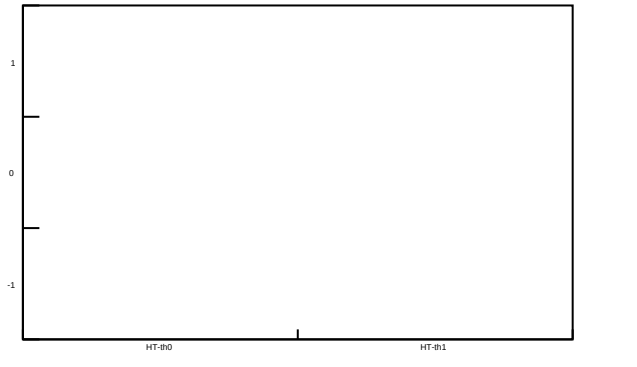
EM201-EE101

Entries 49276



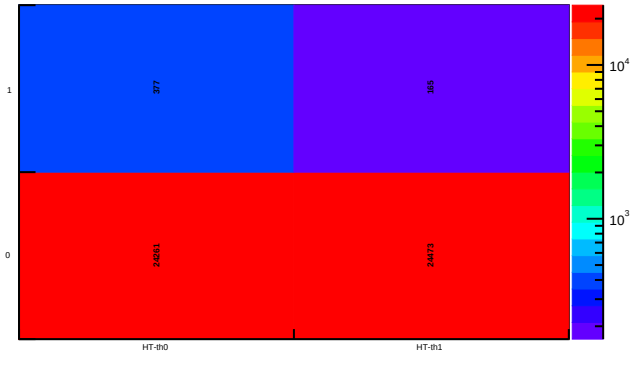
EM201-EE101Diff

Entries 0



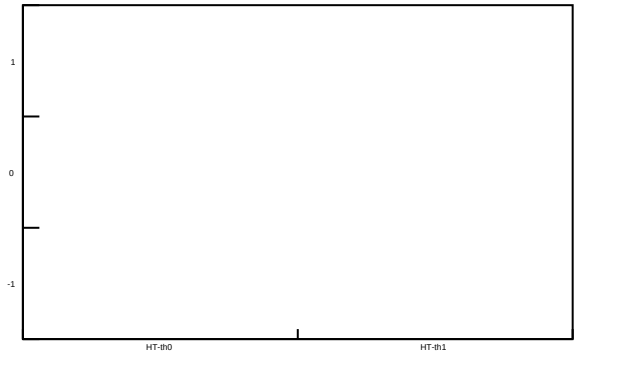
EM201-EE102

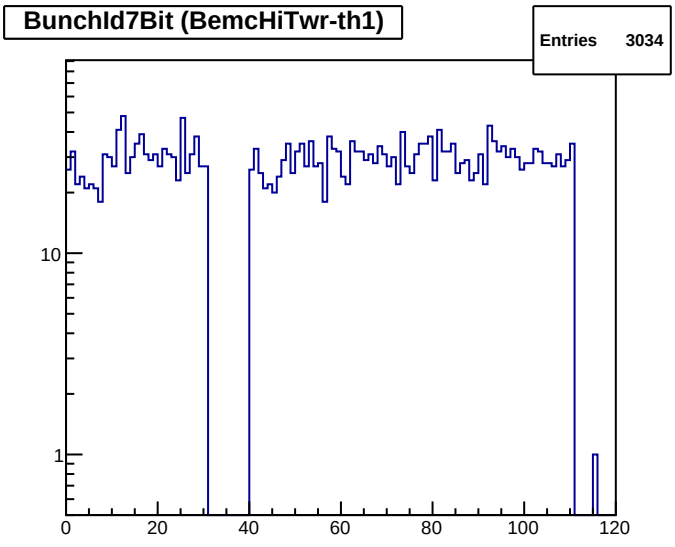
Entries 49276

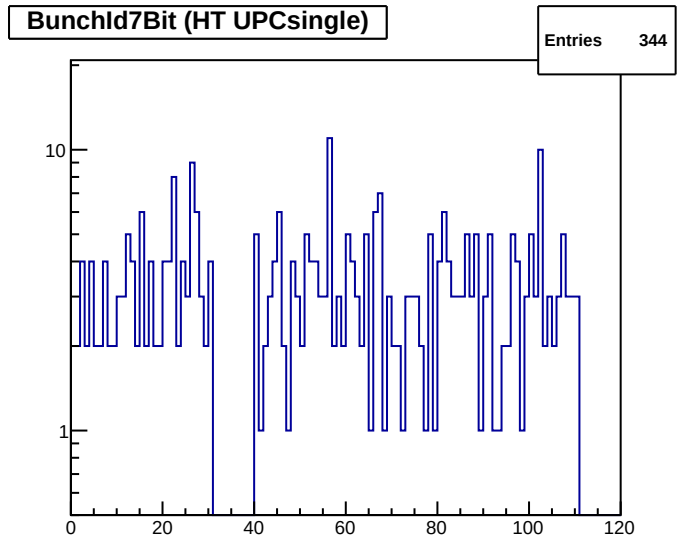


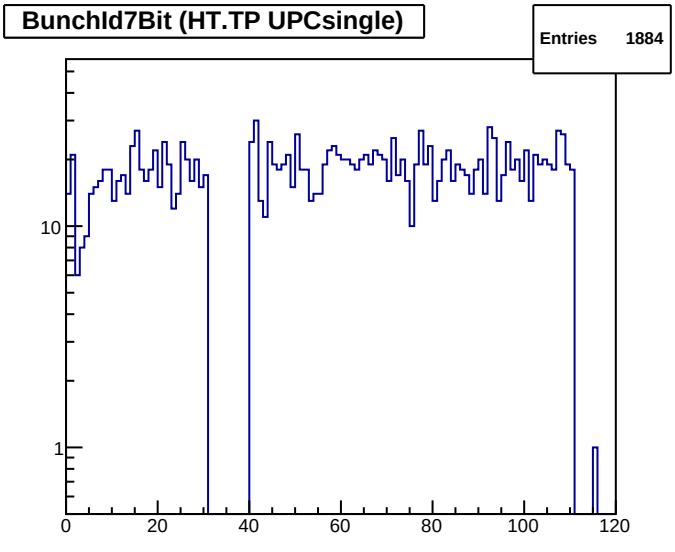
EM201-EE102Diff

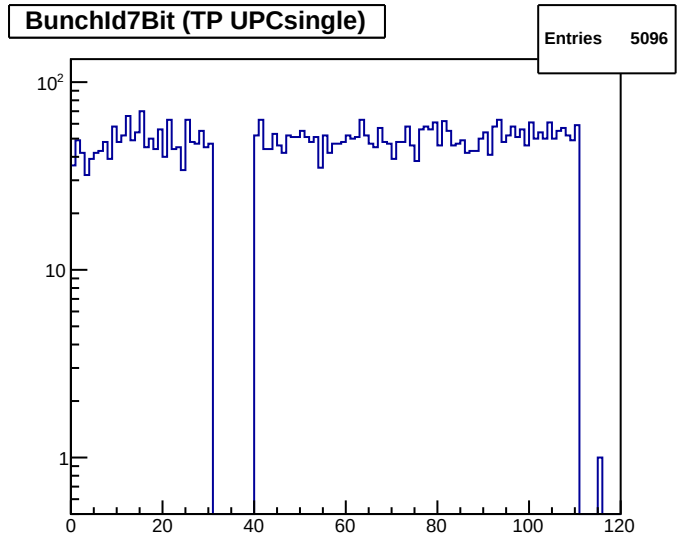
Entries 0

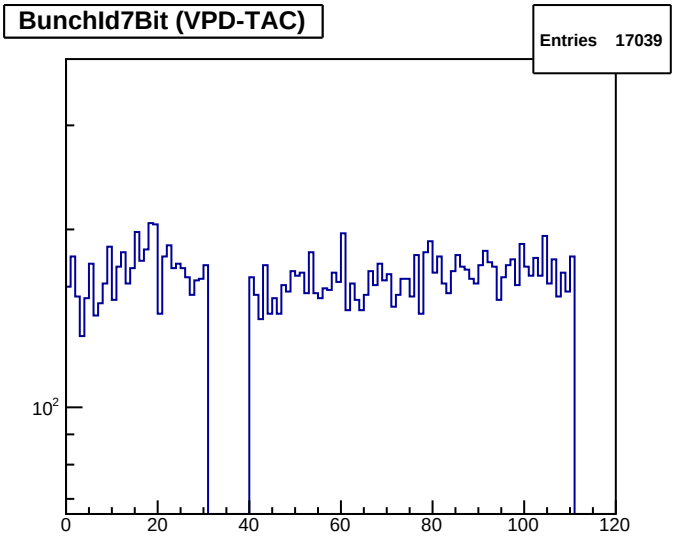


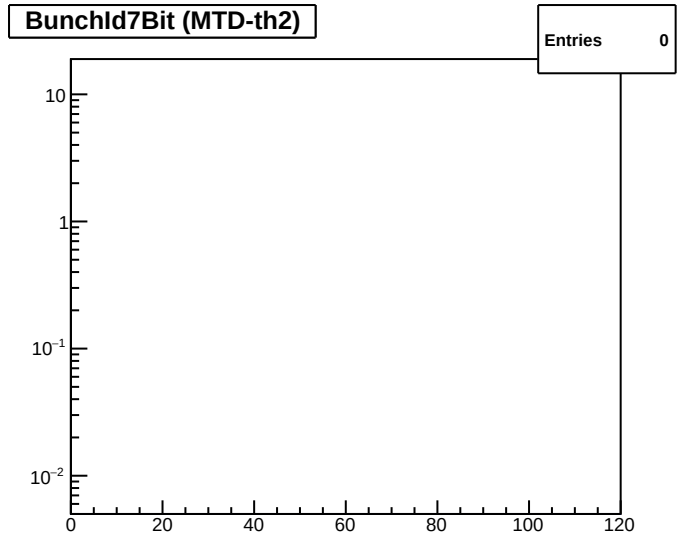

BunchId7Bit (BemcHiTwr-th1)
Entries 3034
10
1
0
20
40
60
80
100
120

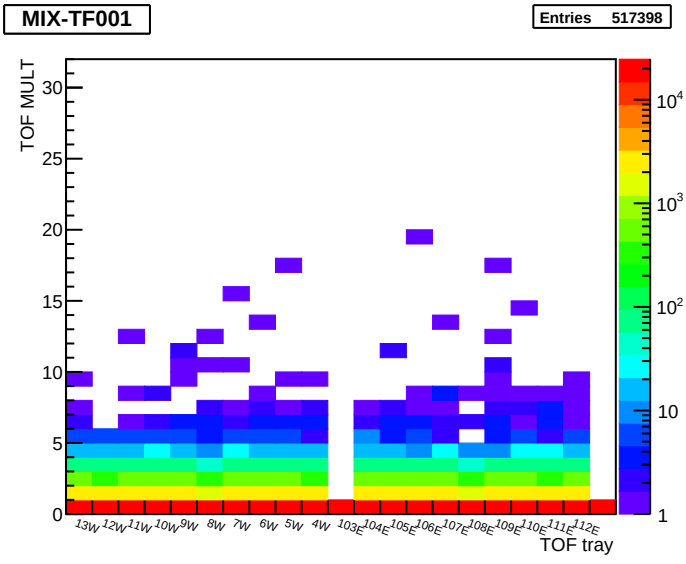

BunchId7Bit (HT UPCsingle)
Entries 344
10
1
0
20
40
60
80
100
120

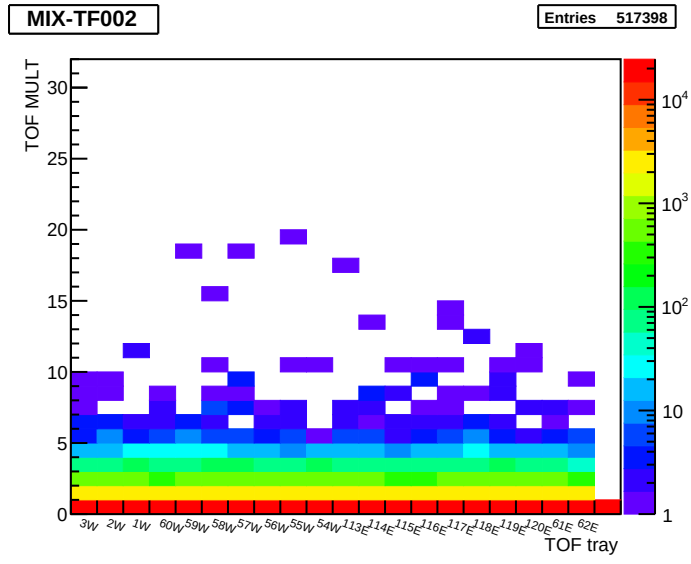

BunchId7Bit (HT.TP UPCsingle)
Entries 1884
10
1
0
20
40
60
80
100
120

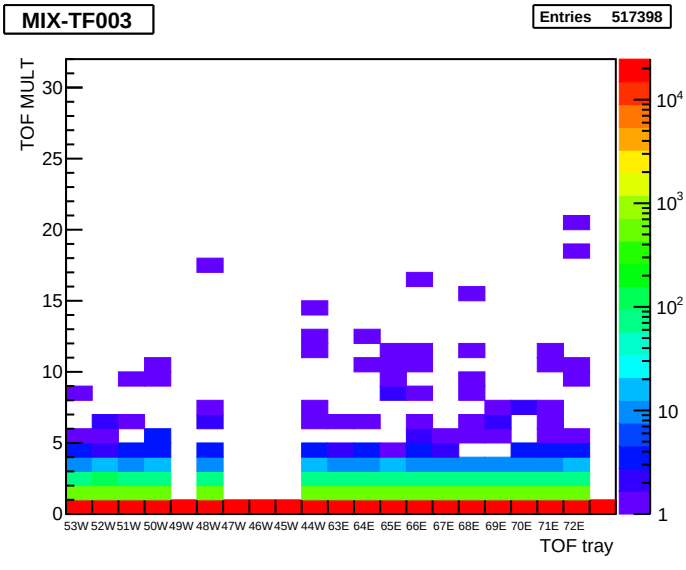

BunchId7Bit (TP UPCsingle)
Entries 5096
10^2
10
1
0
20
40
60
80
100
120

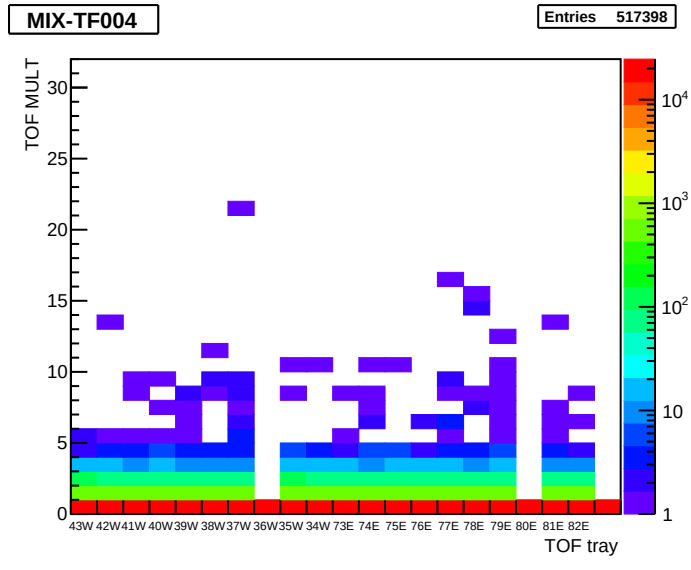

BunchId7Bit (VPD-TAC)
Entries 17039
10^2
0
20
40
60
80
100
120

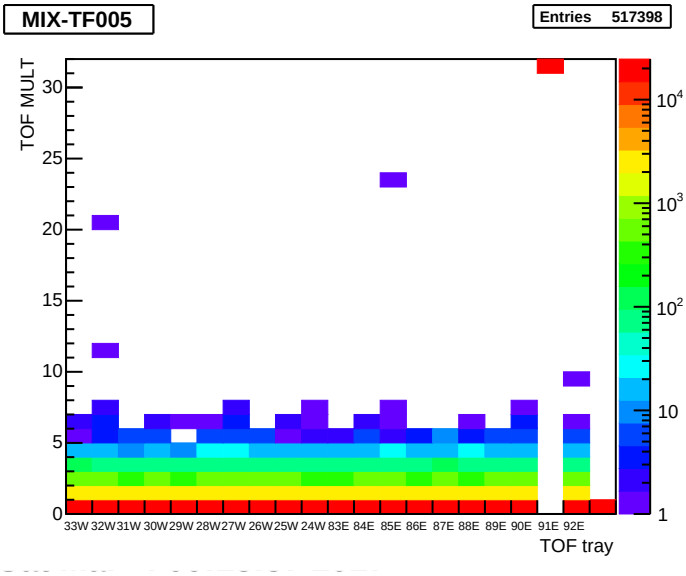

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0
20
40
60
80
100
120

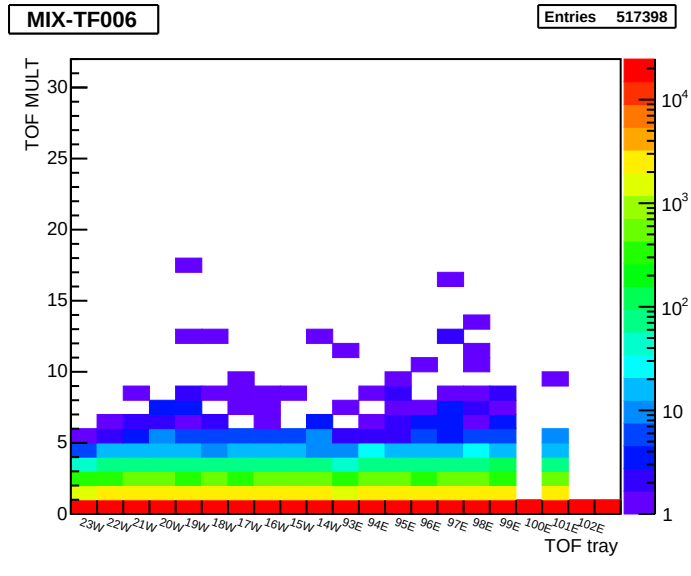

MIX-TF001
Entries 517398
TOF MULT
TOF tray

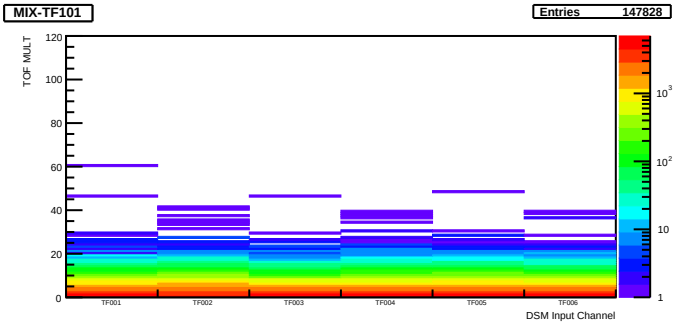

MIX-TF002
Entries 517398
TOF MULT
TOF tray

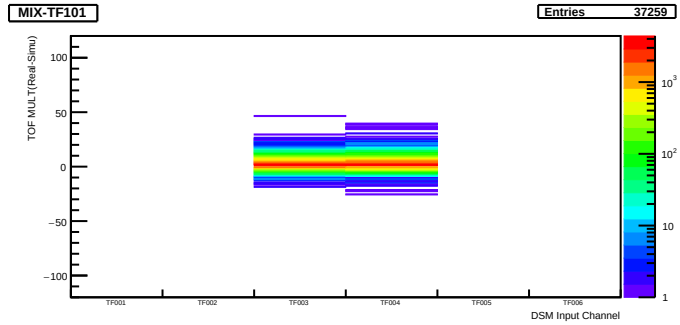

MIX-TF003
Entries 517398
TOF MULT
TOF tray

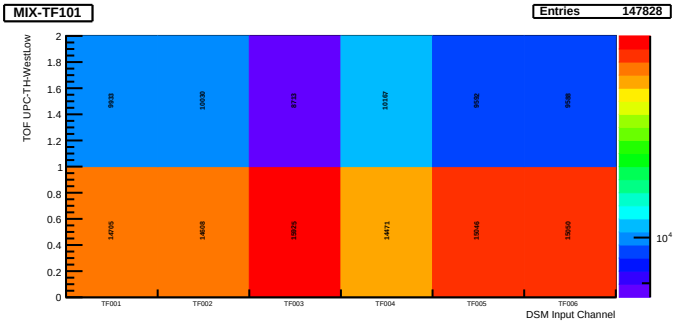

MIX-TF004
Entries 517398
TOF MULT
TOF tray

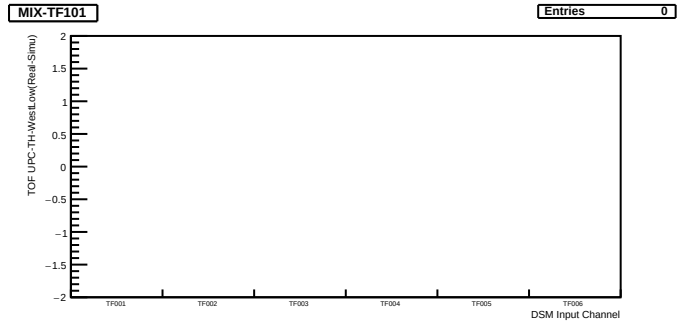

MIX-TF005
Entries 517398
TOF MULT
TOF tray

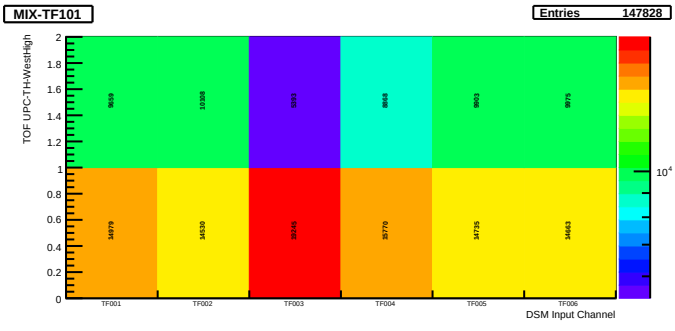

MIX-TF006
Entries 517398
TOF MULT
TOF tray

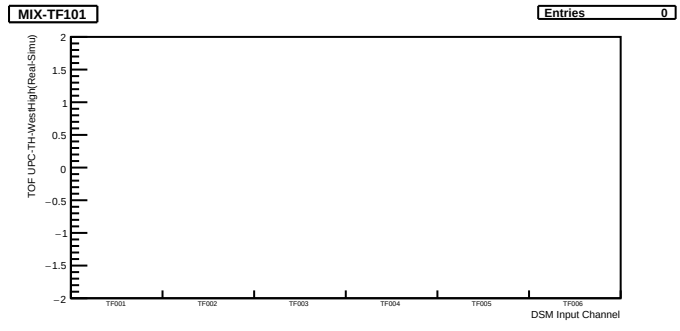

MIX-TF101
Entries 147828
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

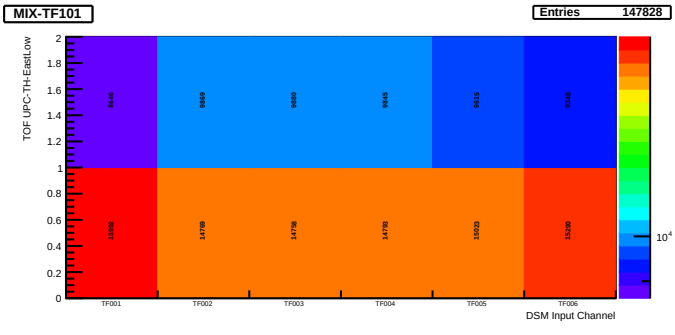

MIX-TF101
Entries 37259
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

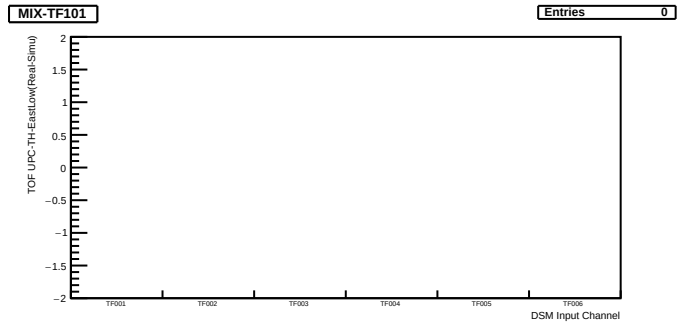

MIX-TF101
Entries 147828
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

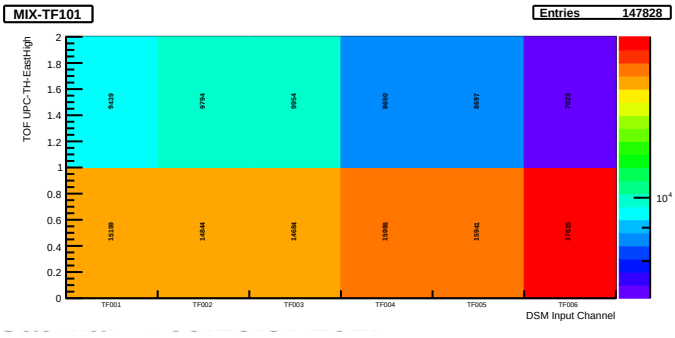

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

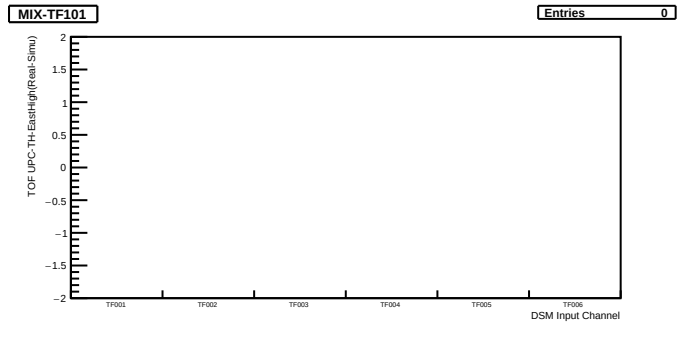

MIX-TF101
Entries 147828
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

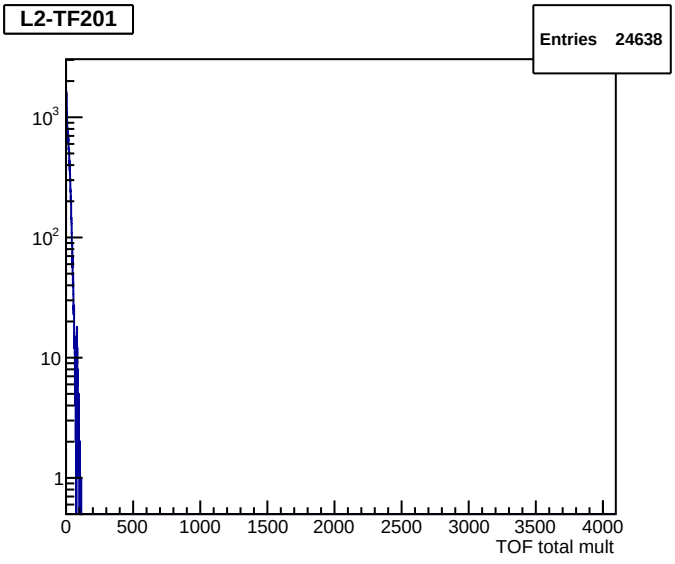

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

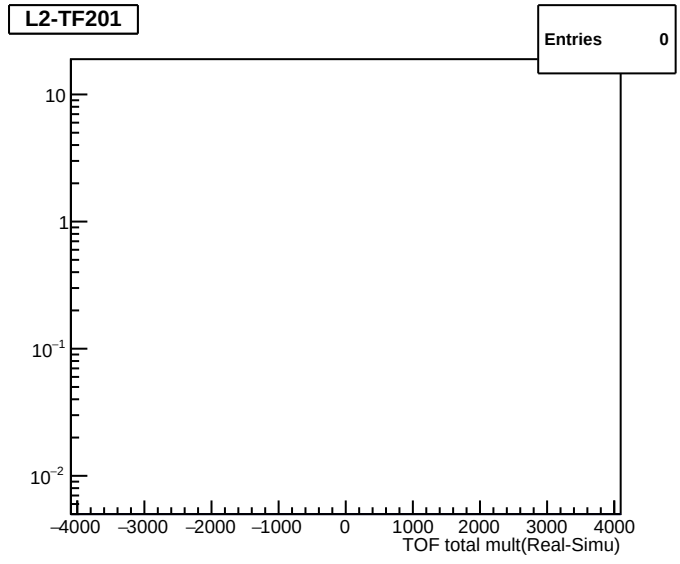

MIX-TF101
Entries 147828
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

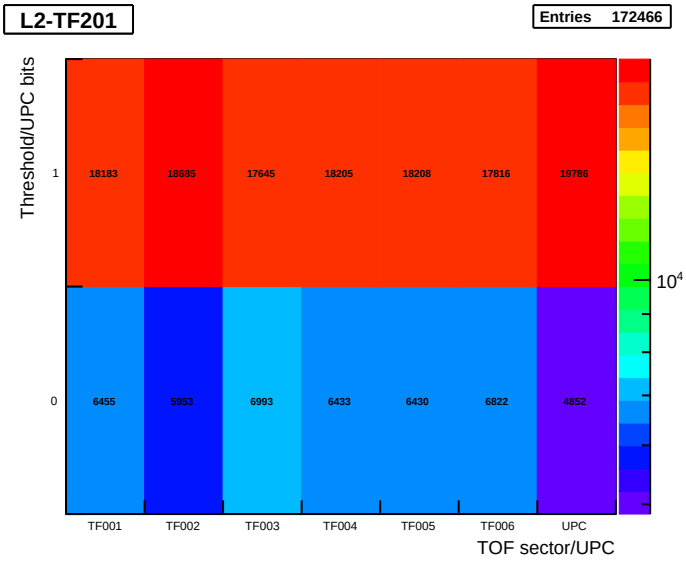

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

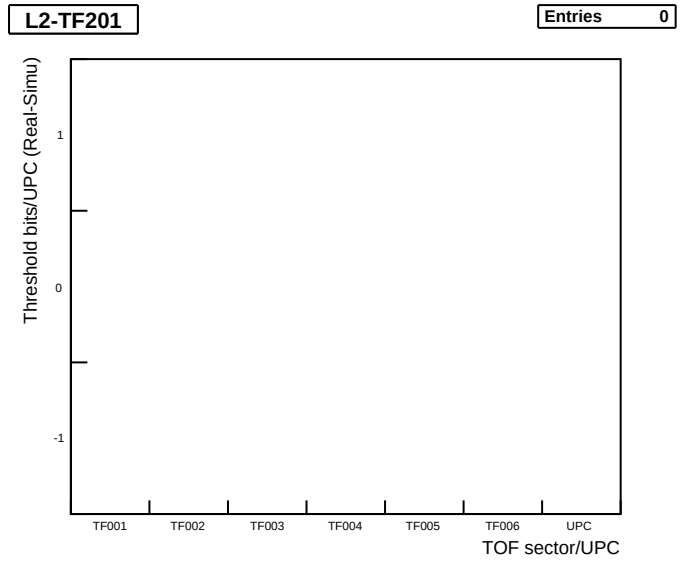

MIX-TF101
Entries 147828
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

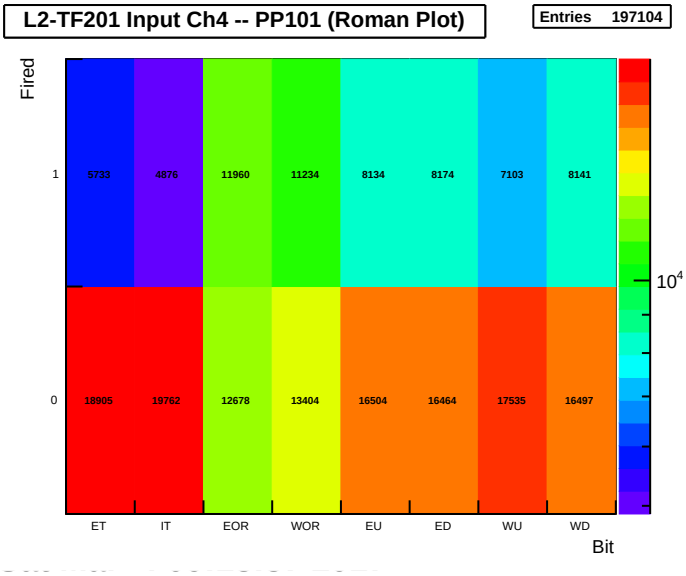

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

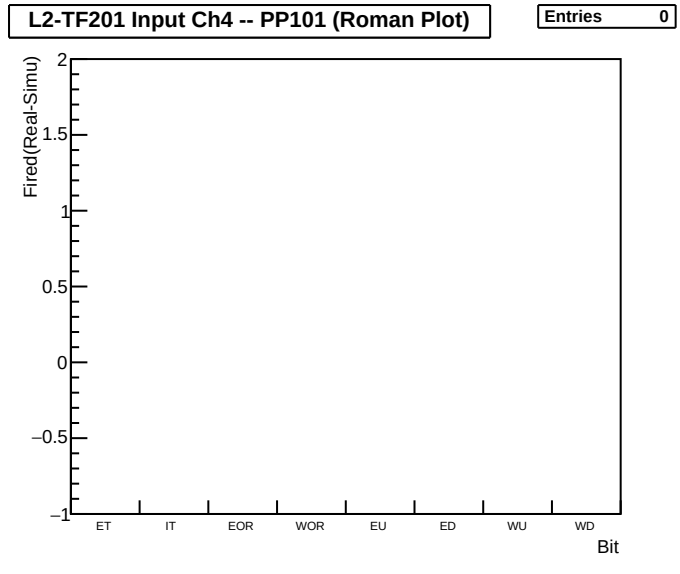

L2-TF201
Entries 24638
TOF total mult

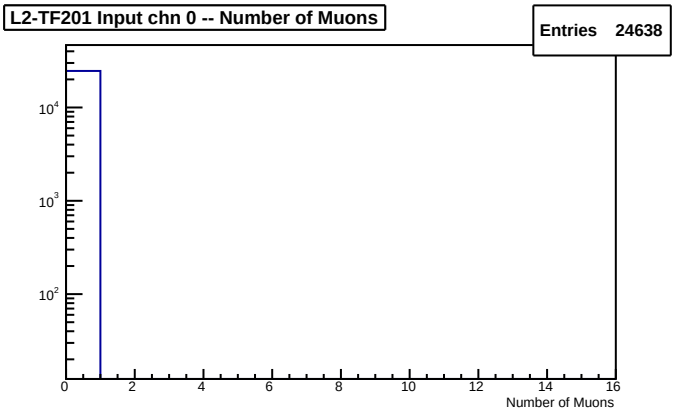

L2-TF201
Entries 0
TOF total mult(Real-Simu)

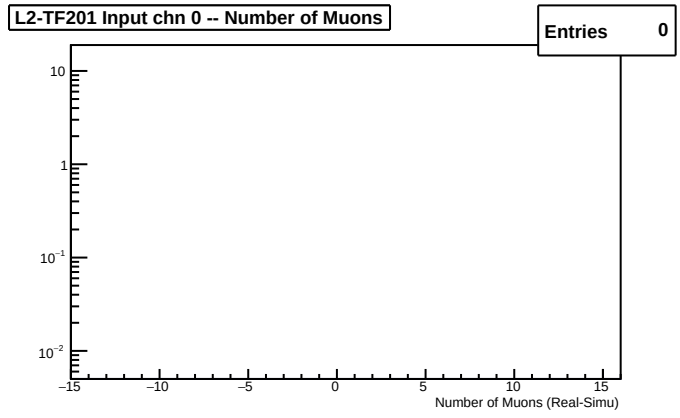

L2-TF201
Entries 172466
Threshold/UPC bits
18183 18685 17645 18205 18208 17816 19786
6455 5953 6993 6433 6430 6822 4852
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

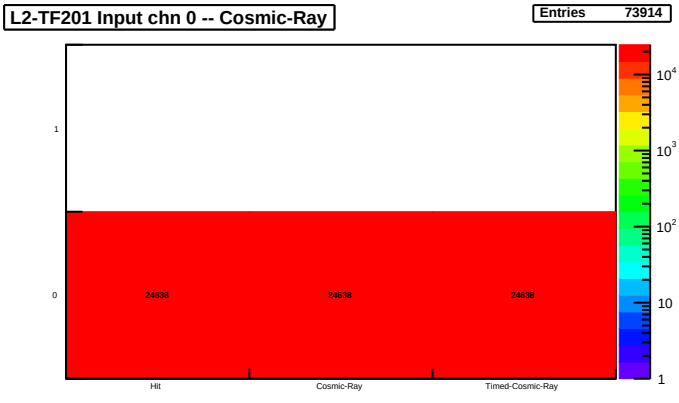

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

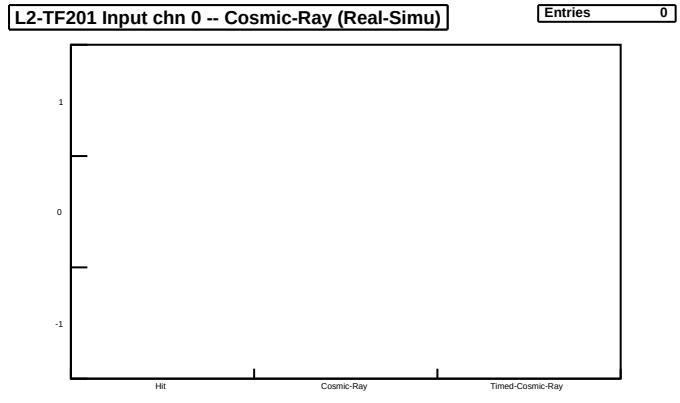

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 197104
Fired
5733 4876 11960 11234 8134 8174 7103 8141
18905 19762 12678 13404 16504 16464 17535 16497
ET IT EOR WOR EU ED WU WD
Bit

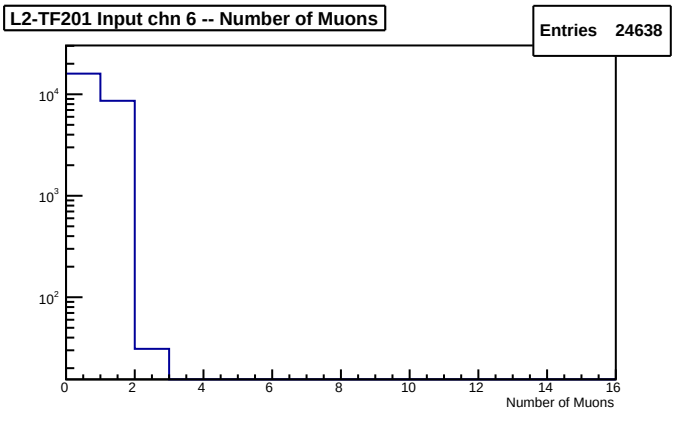

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

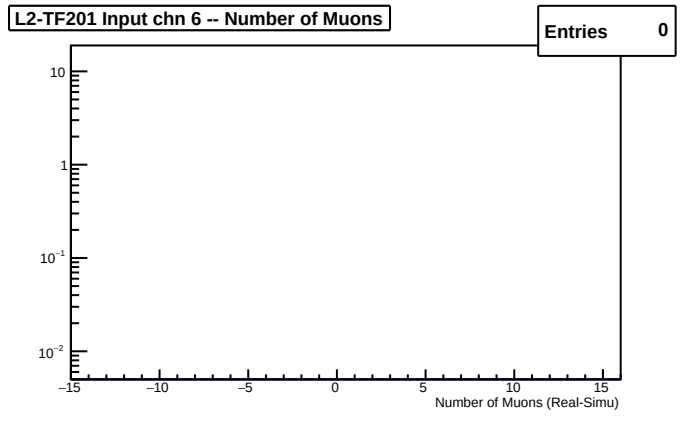

L2-TF201 Input chn 0 -- Number of Muons
Entries 24638
Number of Muons

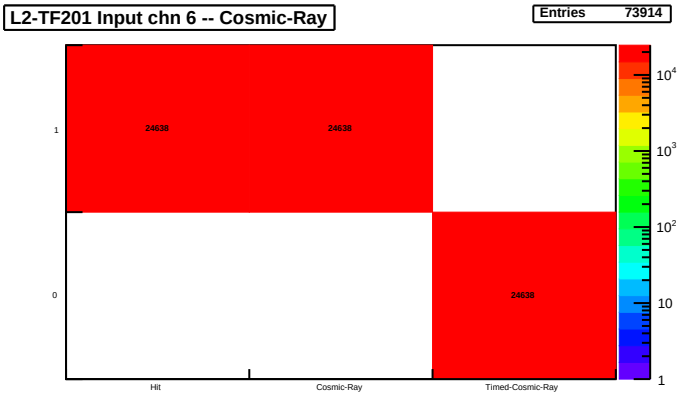

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

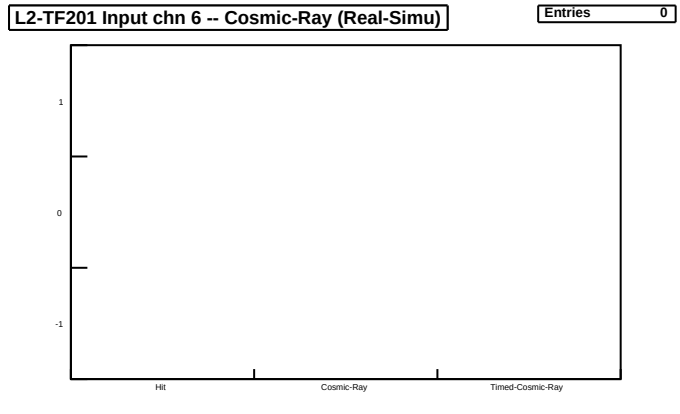

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 73914
24638
24638
24638
Hit
Cosmic-Ray
Timed-Cosmic-Ray

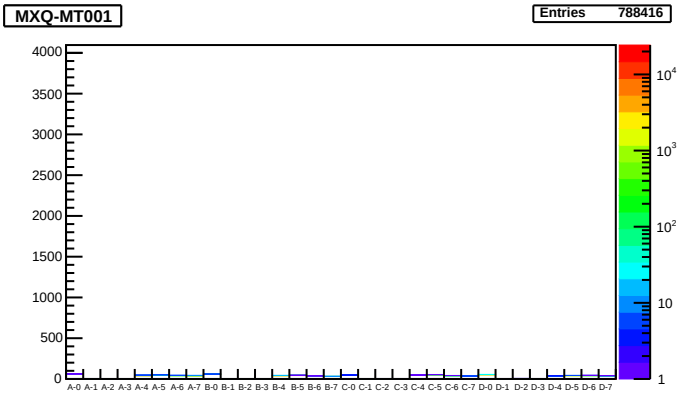

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

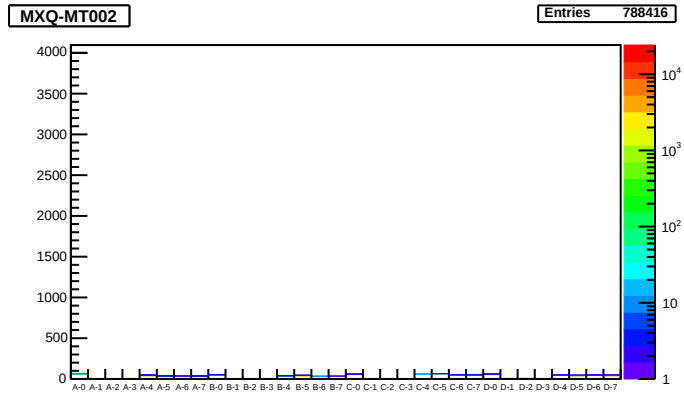

L2-TF201 Input chn 6 -- Number of Muons
Entries 24638
Number of Muons

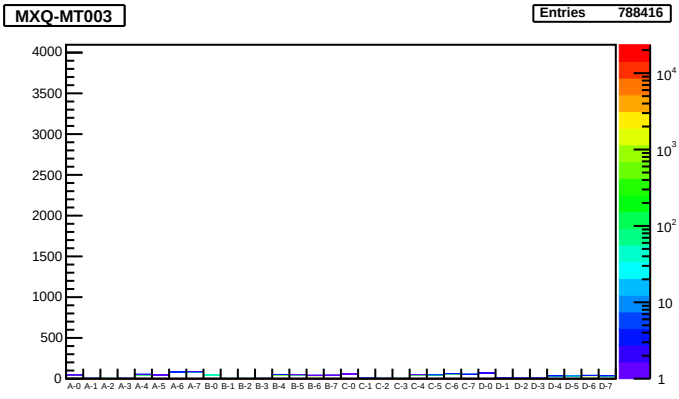

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

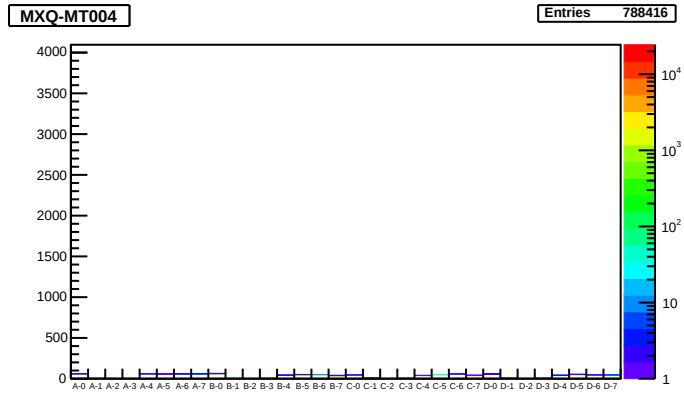

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 73914
24638
24638
24638
Hit
Cosmic-Ray
Timed-Cosmic-Ray

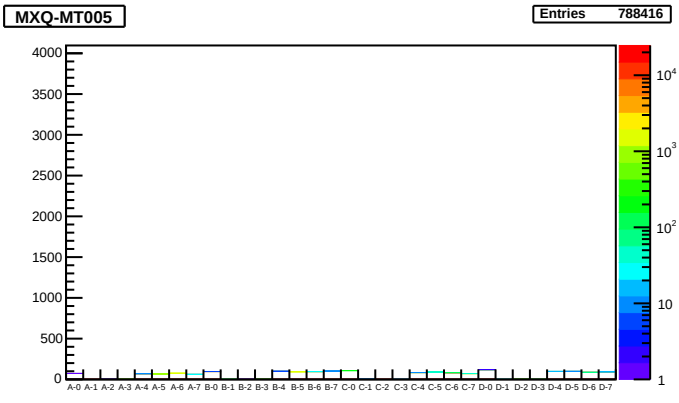

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

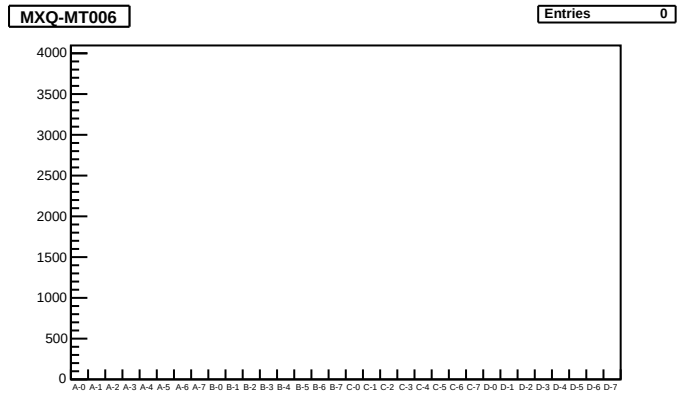

MXQ-MT001
Entries 788416

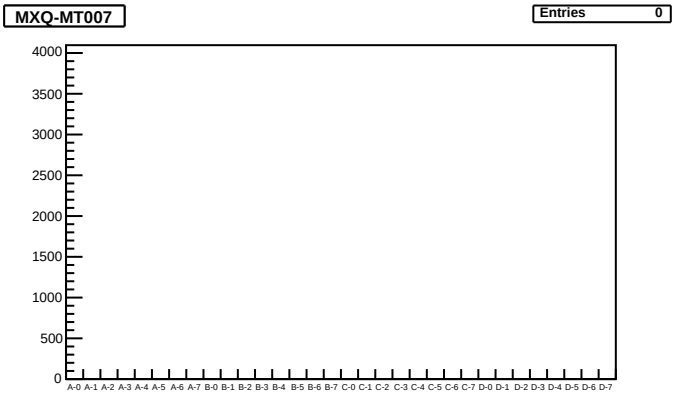

MXQ-MT002
Entries 788416

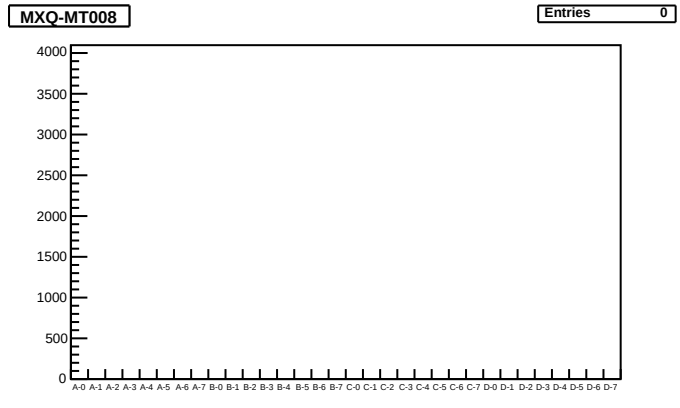

MXQ-MT003
Entries 788416

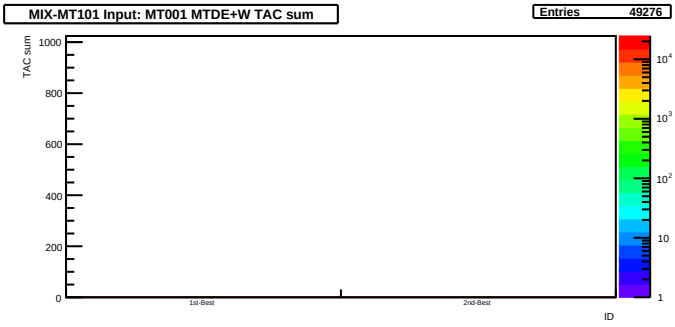

MXQ-MT004
Entries 788416

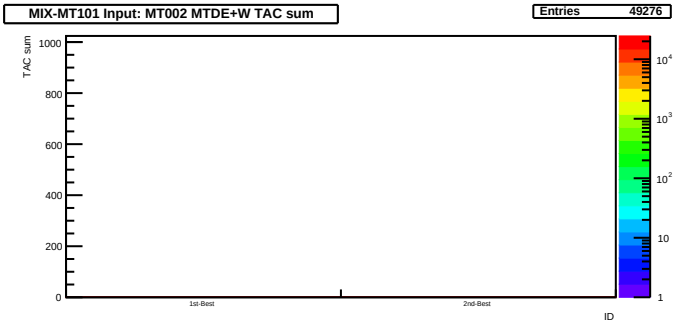

MXQ-MT005
Entries 788416

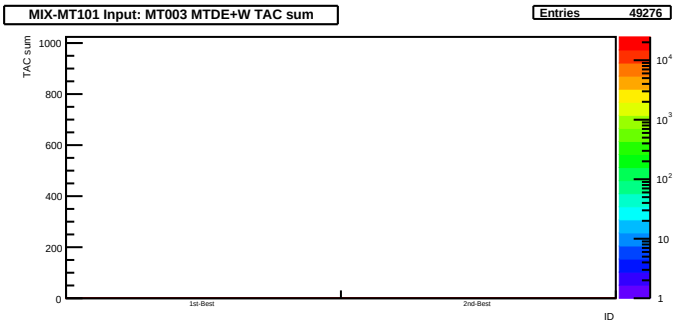

MXQ-MT006
Entries 0

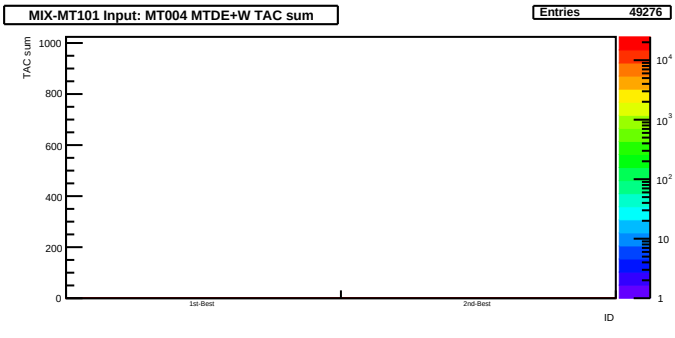

MXQ-MT007
Entries 0

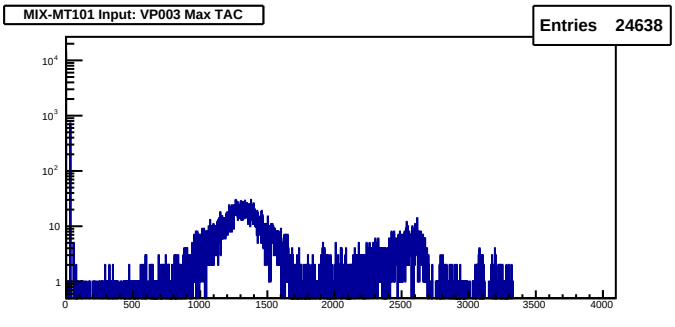

MXQ-MT008
Entries 0

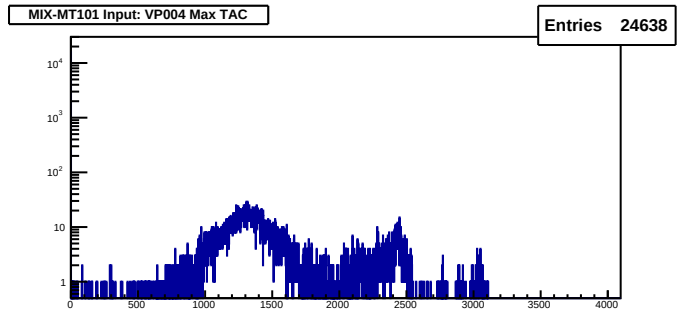

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 49276
TAC sum
1st-Best
2nd-Best
ID

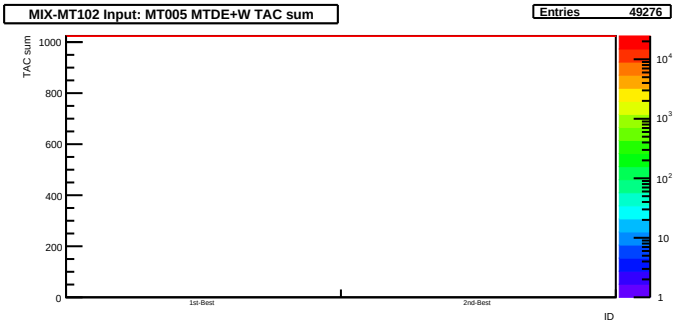

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 49276
TAC sum
1st-Best
2nd-Best
ID

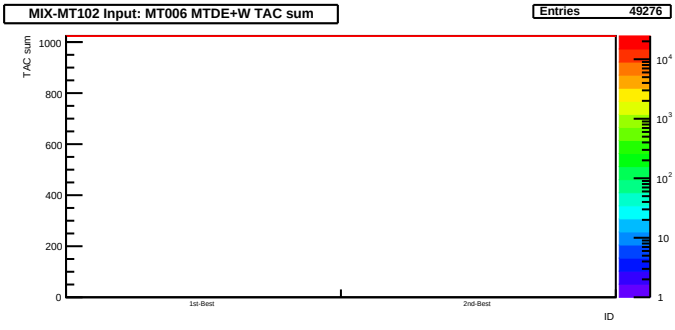

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 49276
TAC sum
1st-Best
2nd-Best
ID

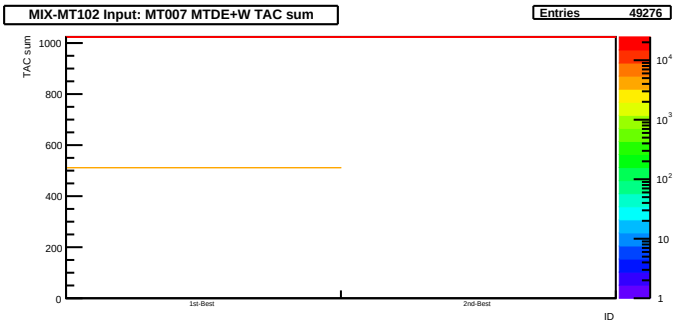

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 49276
TAC sum
1st-Best
2nd-Best
ID

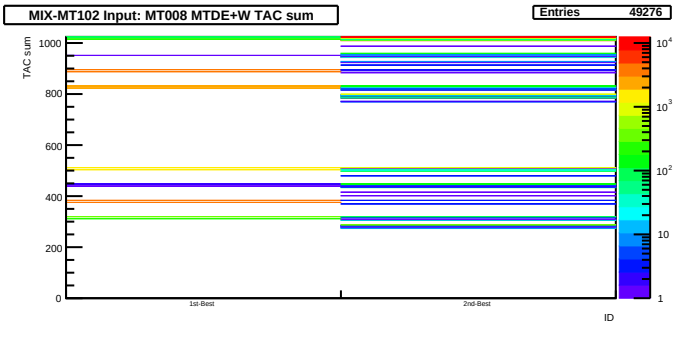

MIX-MT101 Input: VP003 Max TAC
Entries 24638

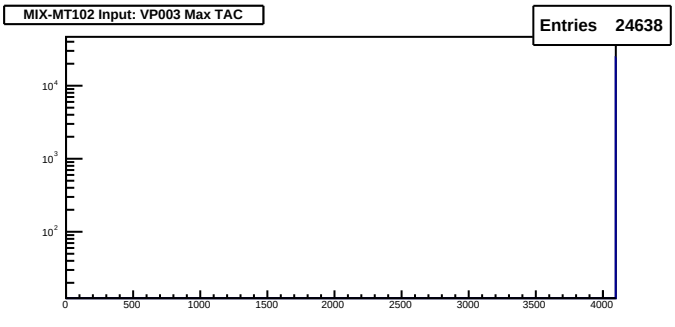

MIX-MT101 Input: VP004 Max TAC
Entries 24638

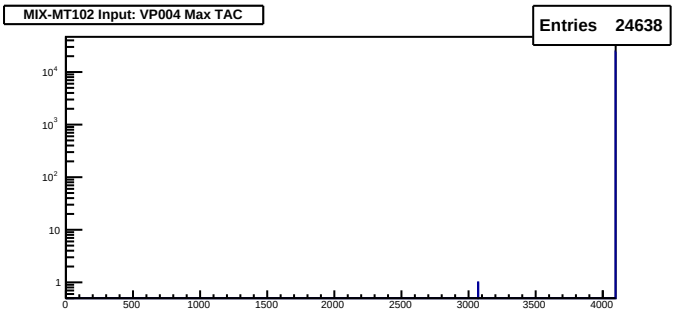

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 49276
TAC sum
1st-Best
2nd-Best
ID

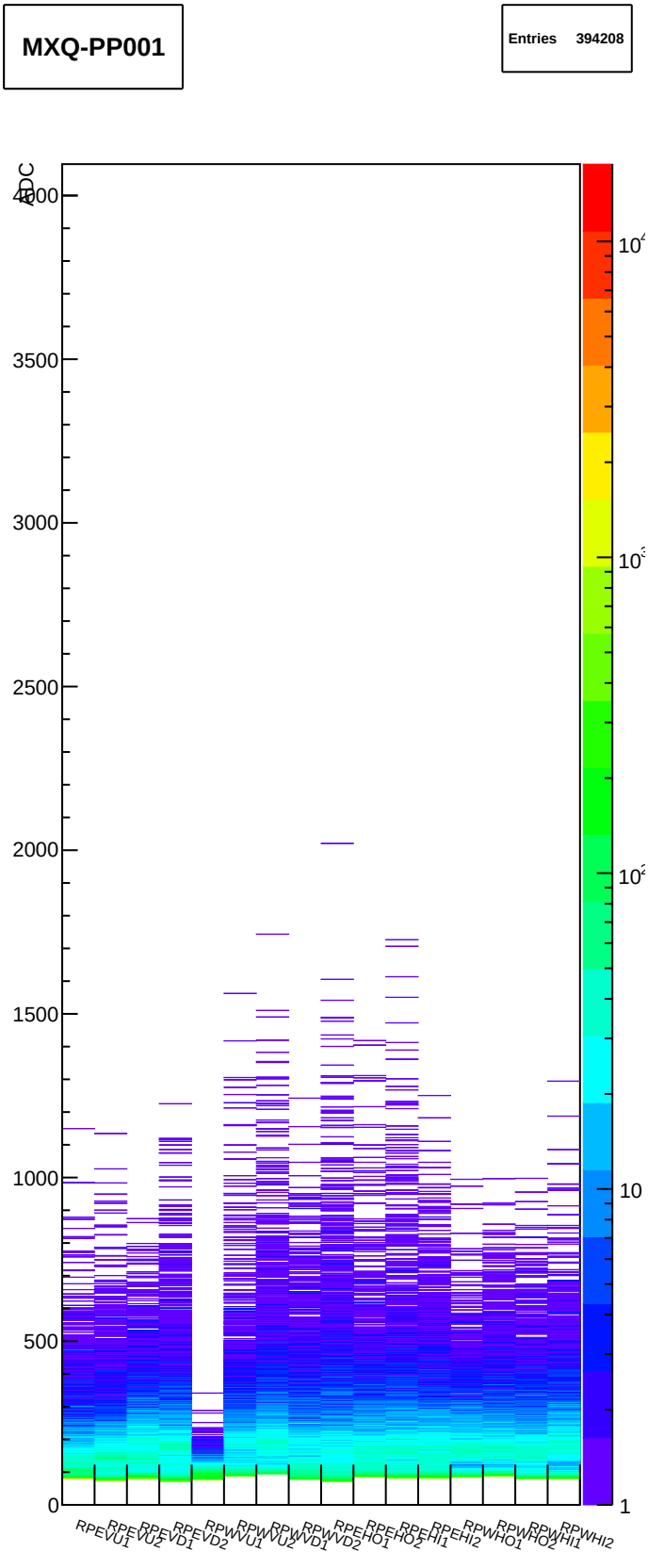

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 49276
TAC sum
1st-Best
2nd-Best
ID

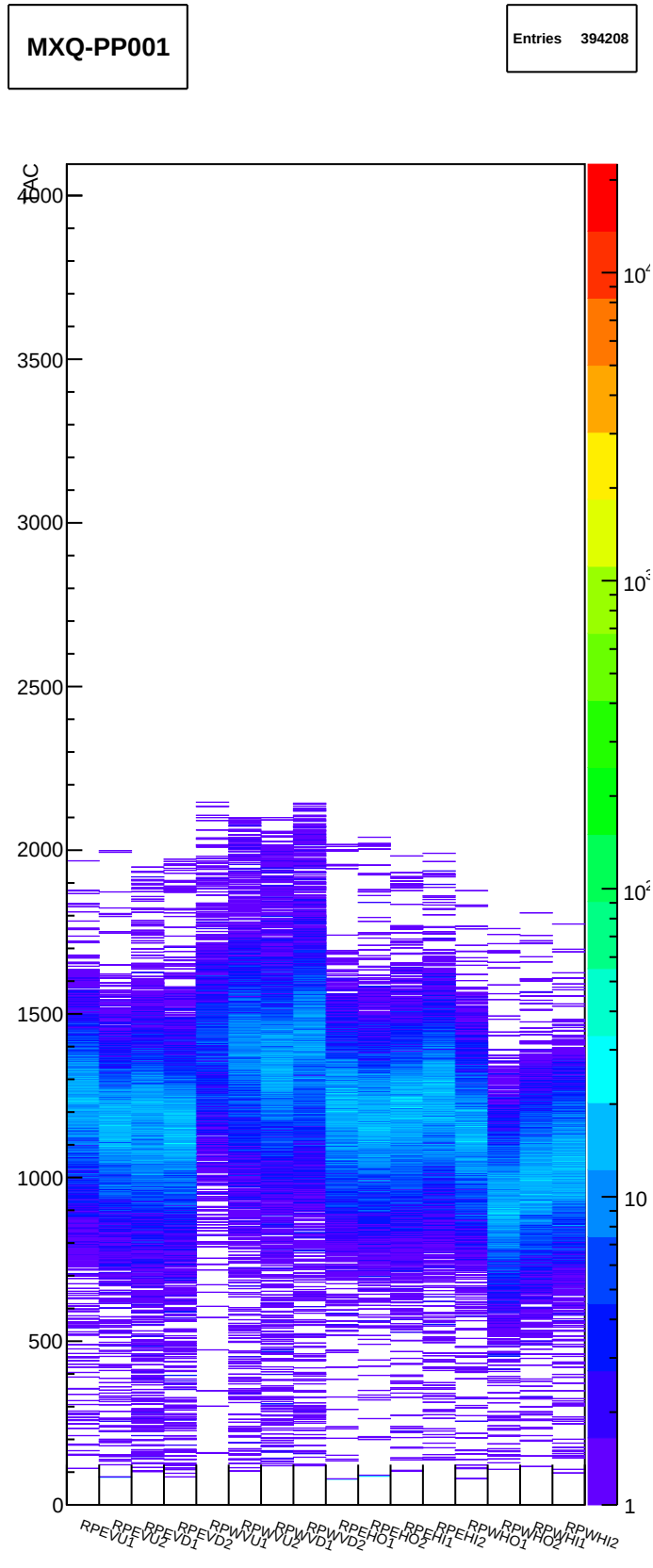

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 49276
TAC sum
1st-Best
2nd-Best
ID

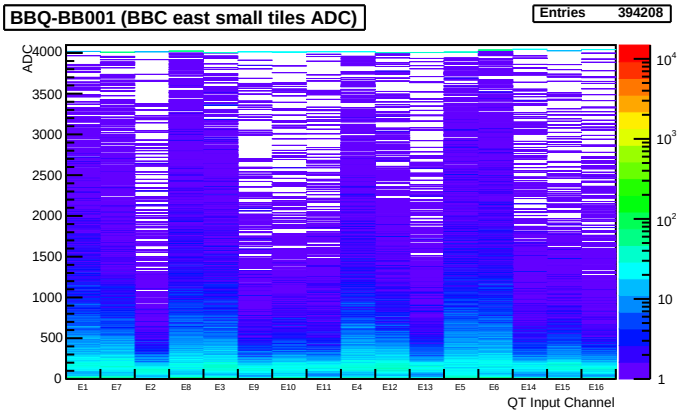

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 49276
TAC sum
1st-Best
2nd-Best
ID

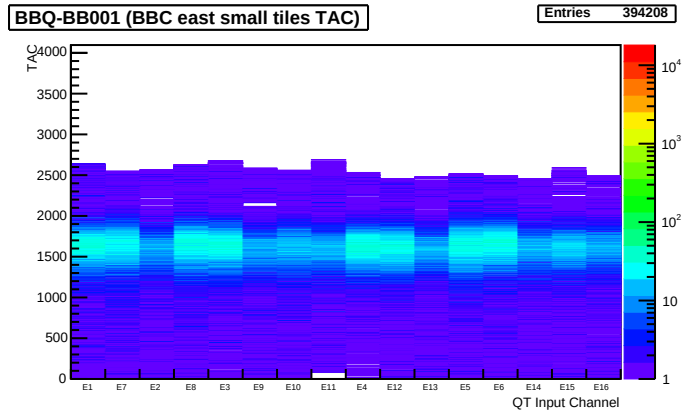

MIX-MT102 Input: VP003 Max TAC
Entries 24638

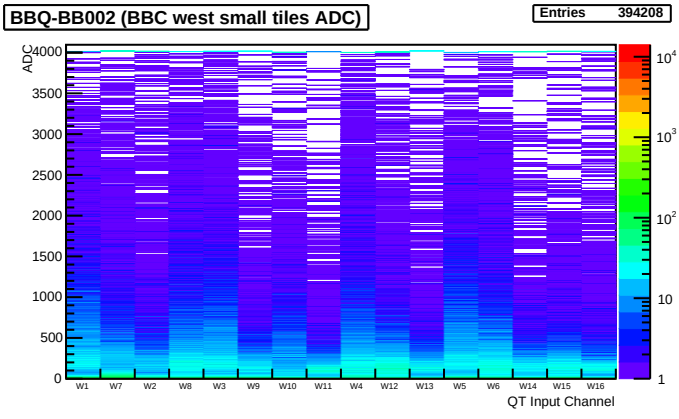

MIX-MT102 Input: VP004 Max TAC
Entries 24638

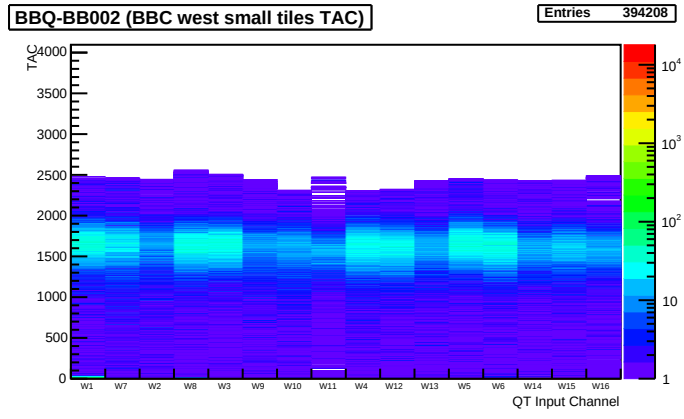

MXQ-PP001
Entries 394208
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

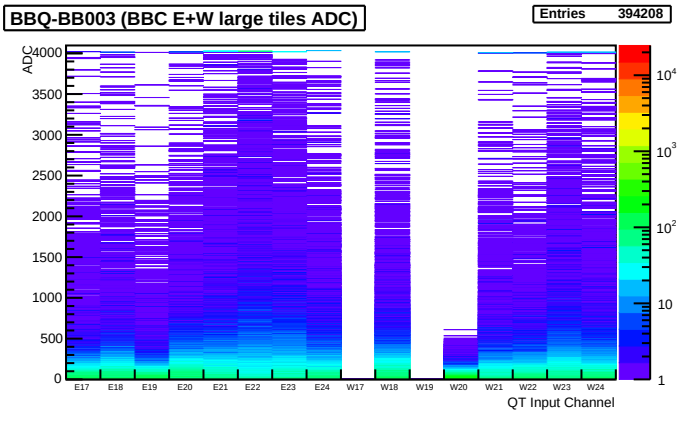

MXQ-PP001
Entries 394208
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

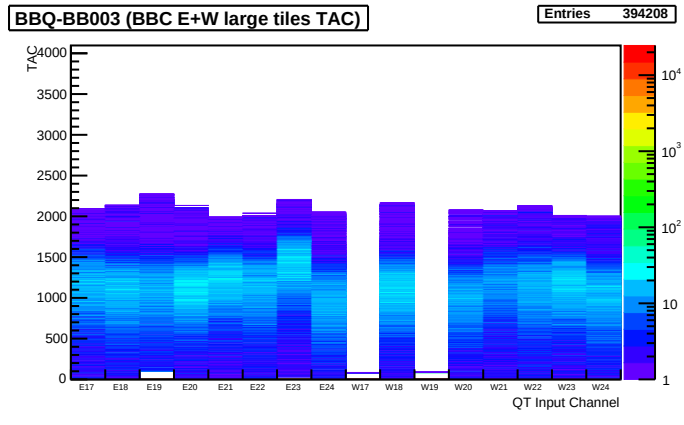

BBQ-BB001 (BBC east small tiles ADC)
Entries 394208
ADC
QT Input Channel

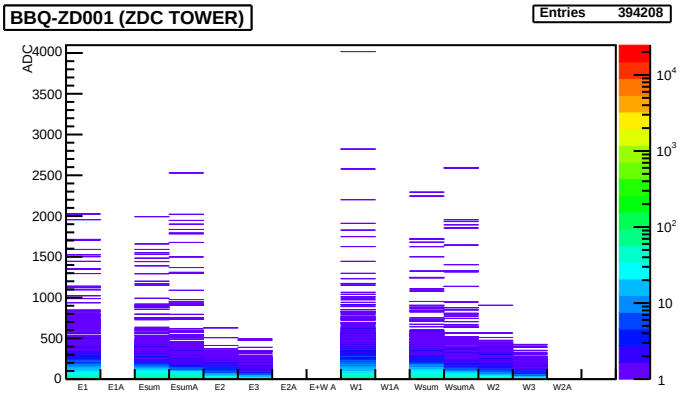

BBQ-BB001 (BBC east small tiles TAC)
Entries 394208
TAC
QT Input Channel

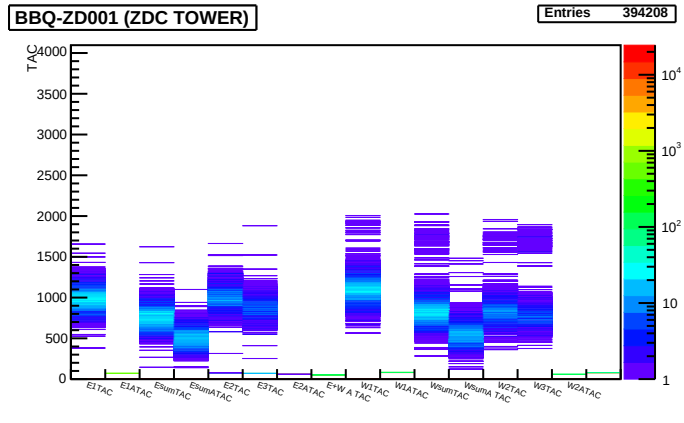

BBQ-BB002 (BBC west small tiles ADC)
Entries 394208
ADC
QT Input Channel

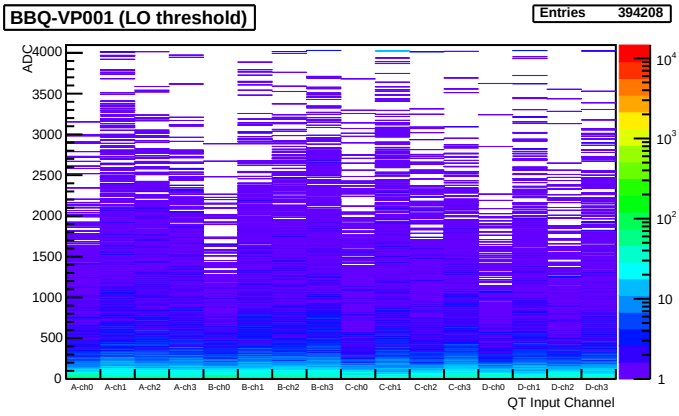

BBQ-BB002 (BBC west small tiles TAC)
Entries 394208
TAC
QT Input Channel

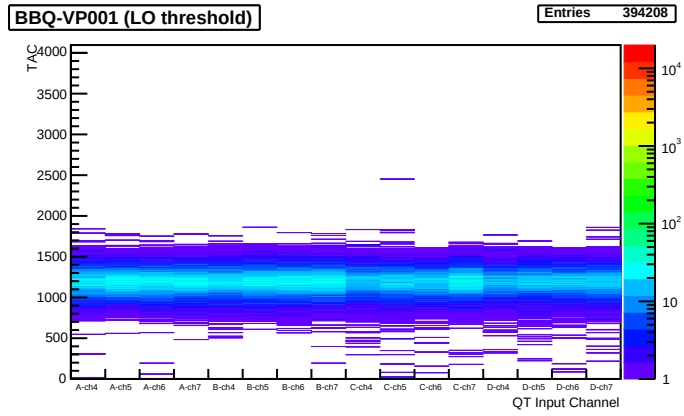

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 394208
ADC
QT Input Channel

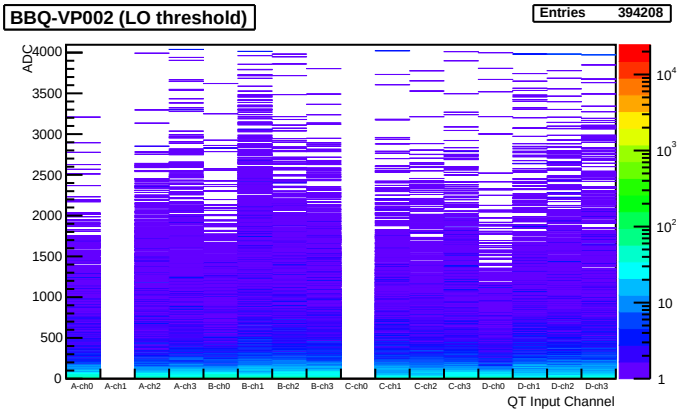

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 394208
TAC
QT Input Channel

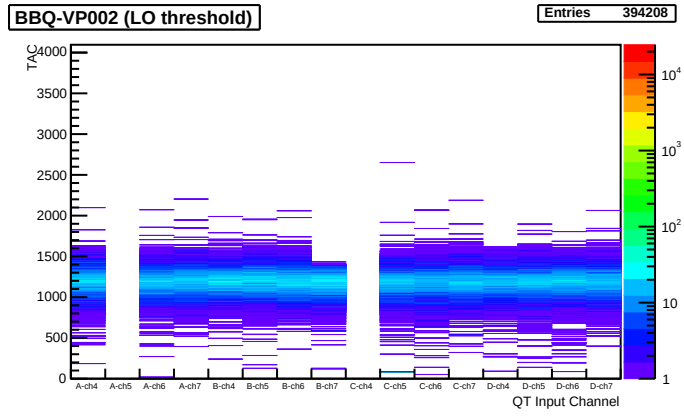

BBQ-ZD001 (ZDC TOWER)
Entries 394208
ADC

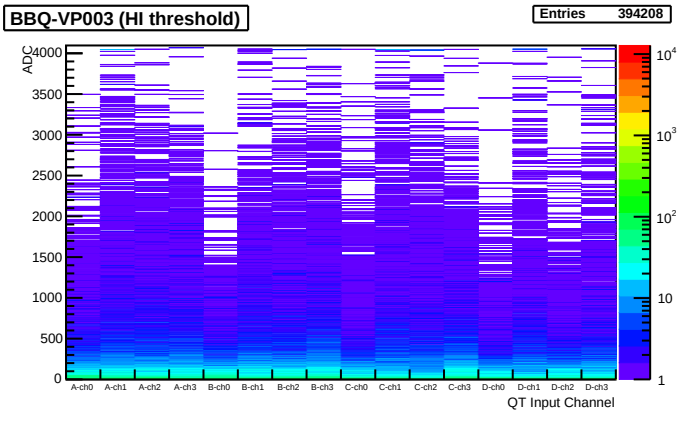

BBQ-ZD001 (ZDC TOWER)
Entries 394208
TAC

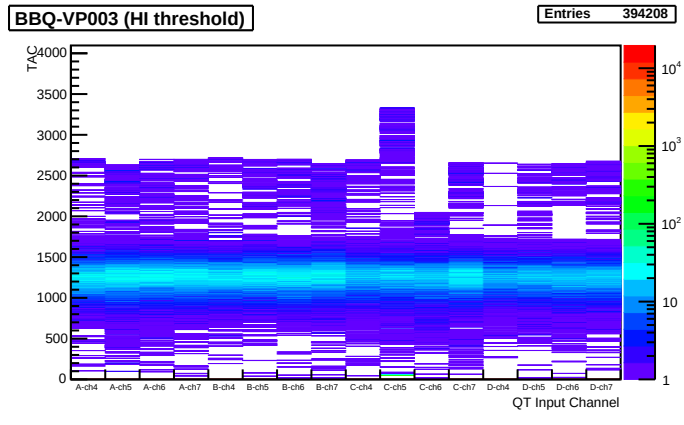

BBQ-VP001 (LO threshold)
Entries 394208
ADC
QT Input Channel

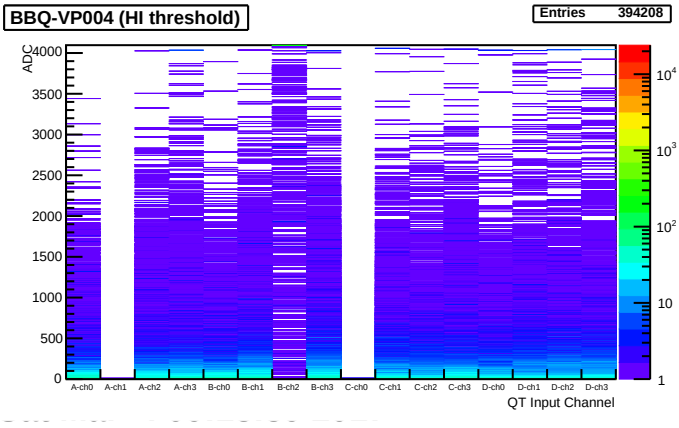

BBQ-VP001 (LO threshold)
Entries 394208
TAC
QT Input Channel

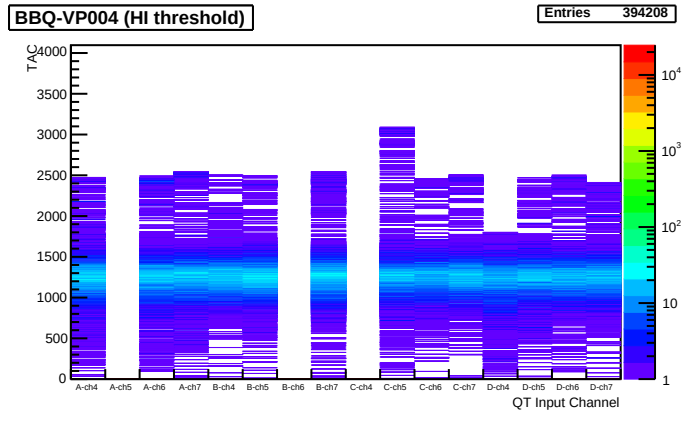

BBQ-VP002 (LO threshold)
Entries 394208
ADC
QT Input Channel

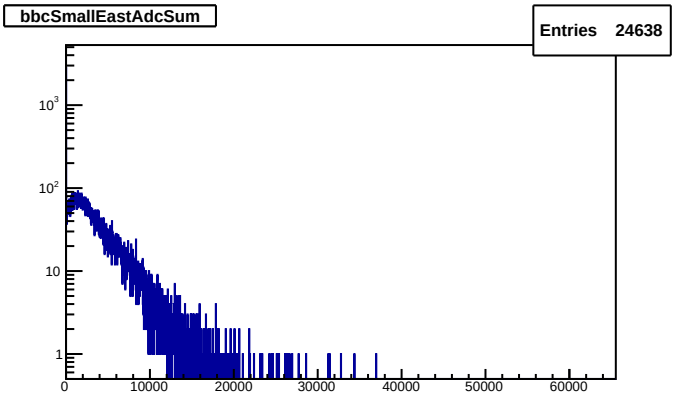

BBQ-VP002 (LO threshold)
Entries 394208
TAC
QT Input Channel

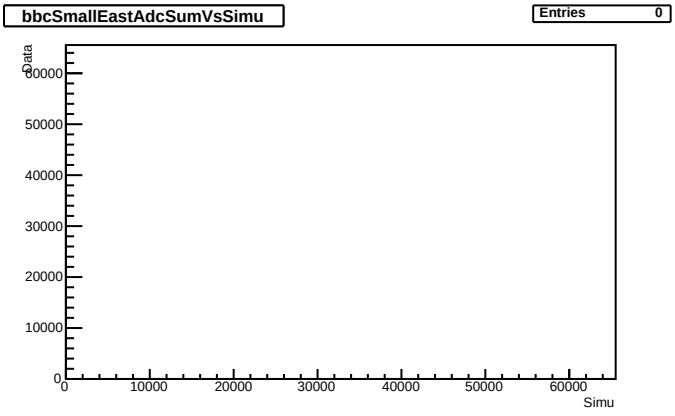

BBQ-VP003 (HI threshold)
Entries 394208
ADC
QT Input Channel

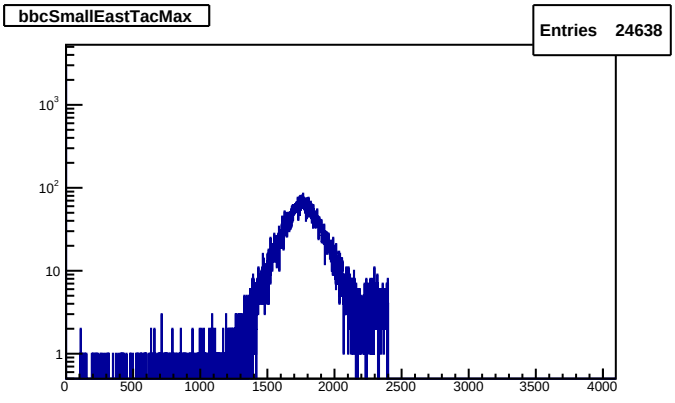

BBQ-VP003 (HI threshold)
Entries 394208
TAC
QT Input Channel

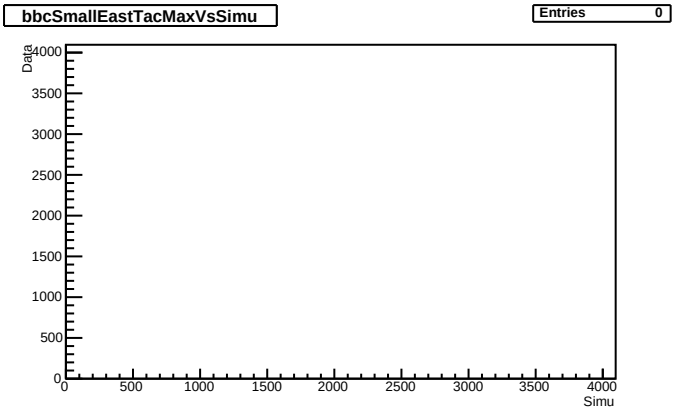

BBQ-VP004 (HI threshold)
Entries 394208
ADC
QT Input Channel

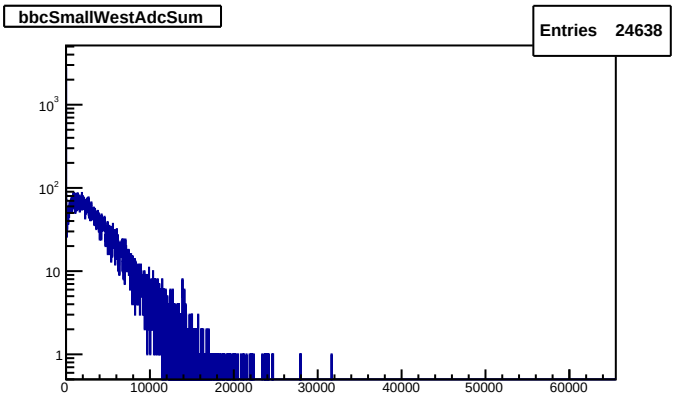

BBQ-VP004 (HI threshold)
Entries 394208
TAC
QT Input Channel

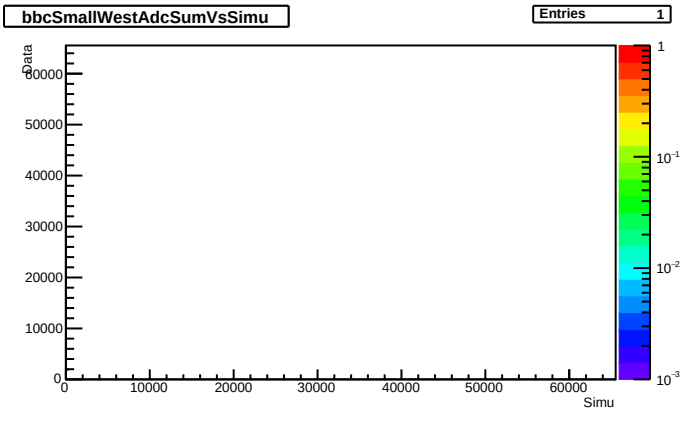

bbcSmallEastAdcSum
Entries 24638

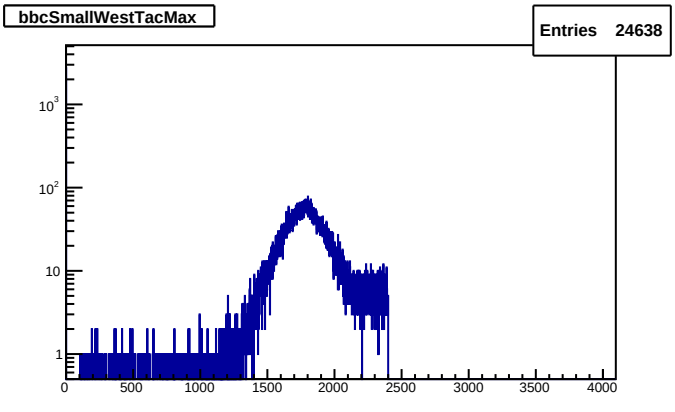

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

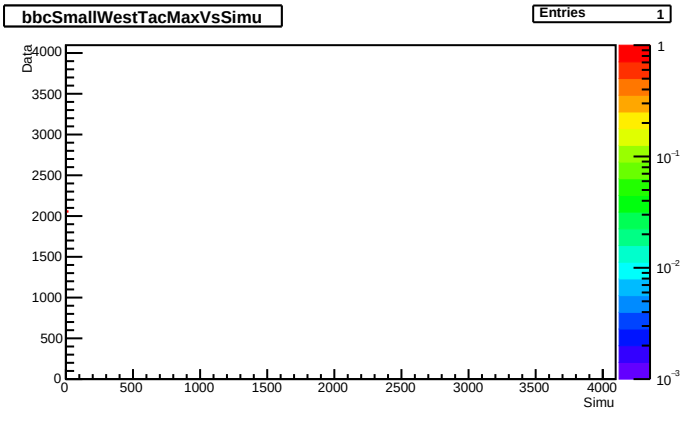

bbcSmallEastTacMax
Entries 24638

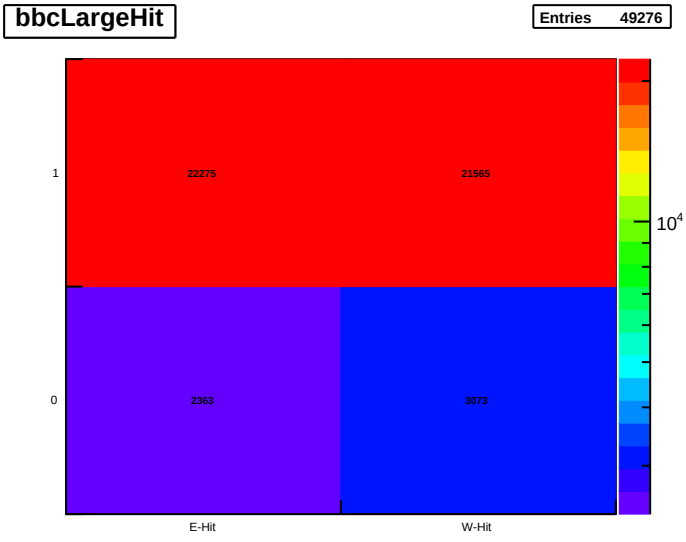

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

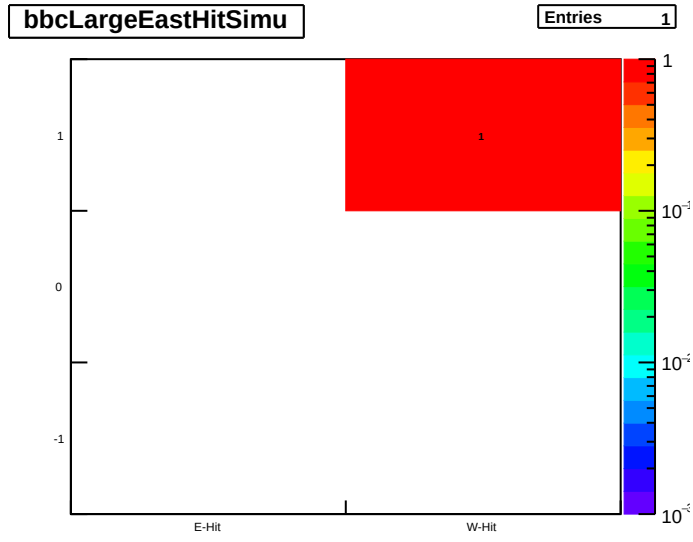

bbcSmallWestAdcSum
Entries 24638

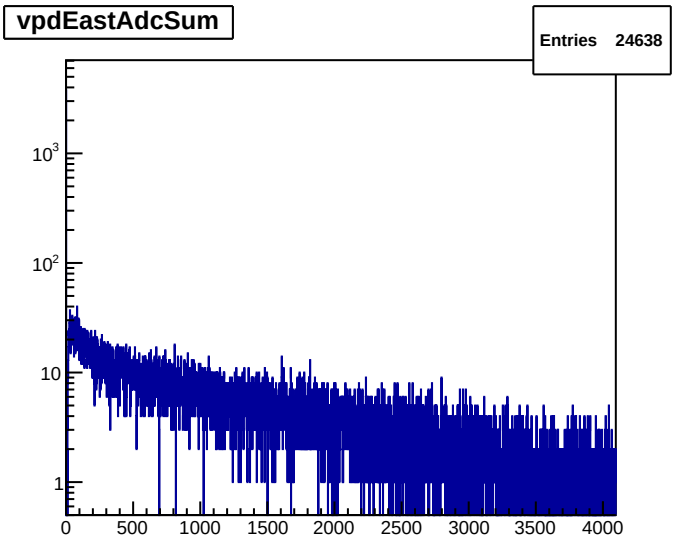

bbcSmallWestAdcSumVsSimu
Entries 1
Data
Simu

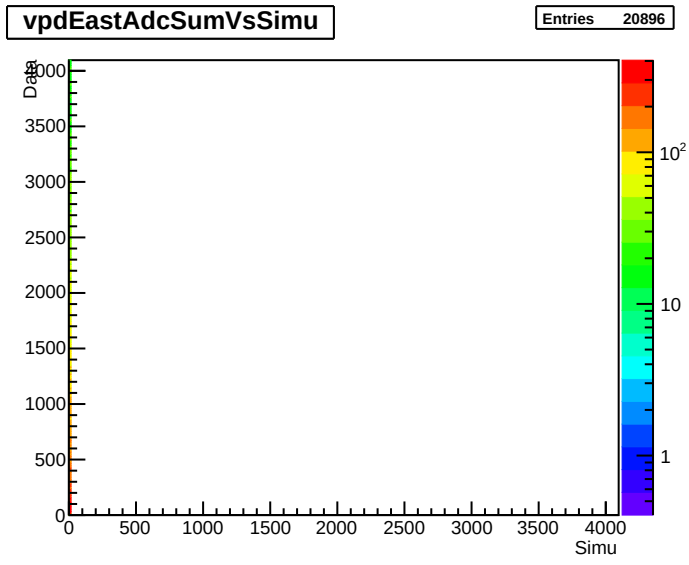

bbcSmallWestTacMax
Entries 24638

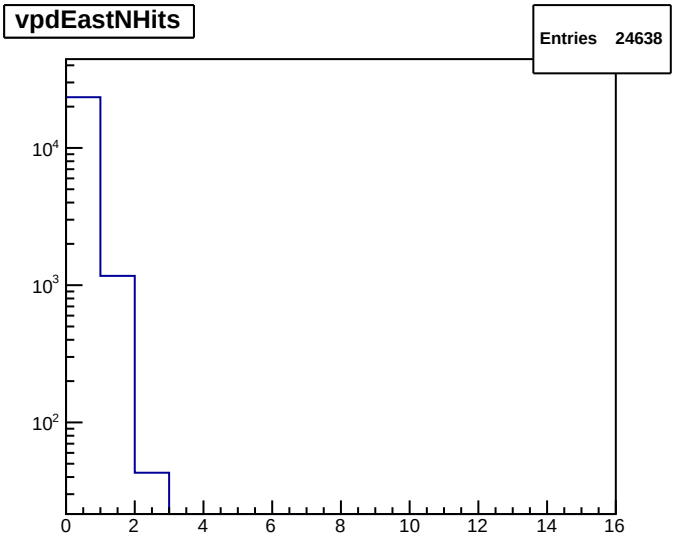

bbcSmallWestTacMaxVsSimu
Entries 1
Data
Simu

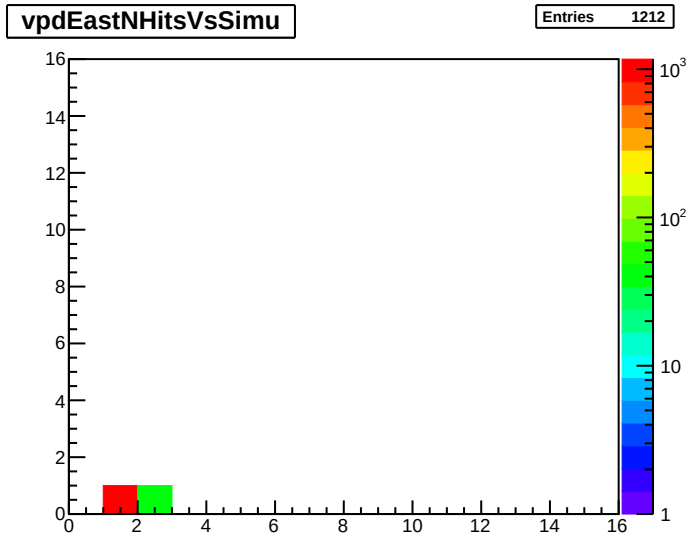

bbcLargeHit
Entries 49276
1
0
22275
21565
2363
3073
E-Hit
W-Hit
10^4

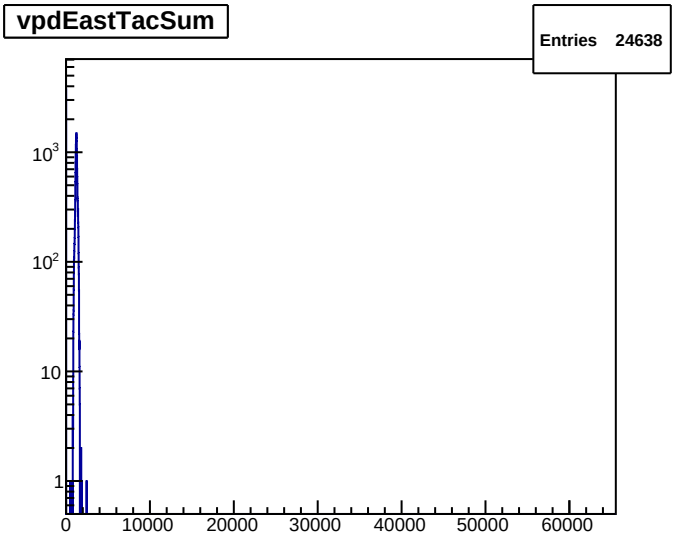

bbcLargeEastHitSimu
Entries 1
1
0
-1
1
E-Hit
W-Hit
1

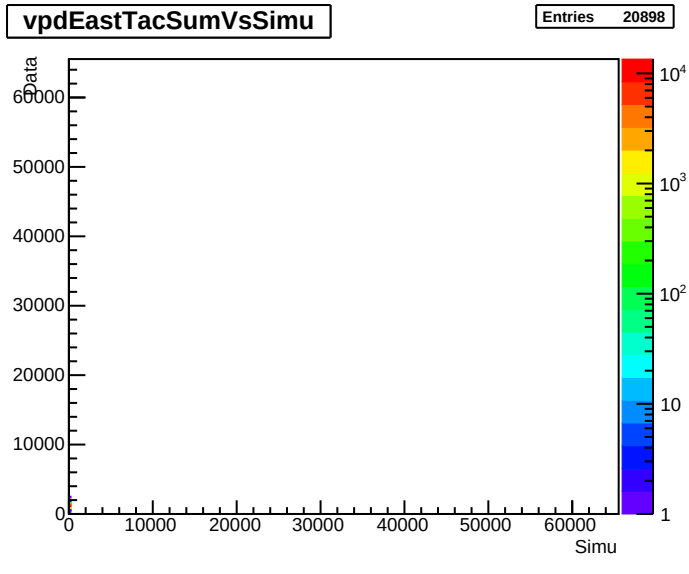

vpdEastAdcSum
Entries 24638

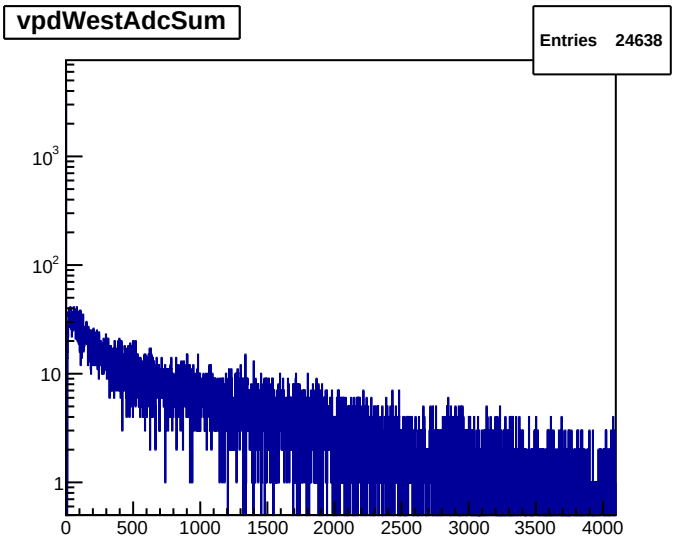

vpdEastAdcSumVsSimu
Entries 20896
Data
Simu

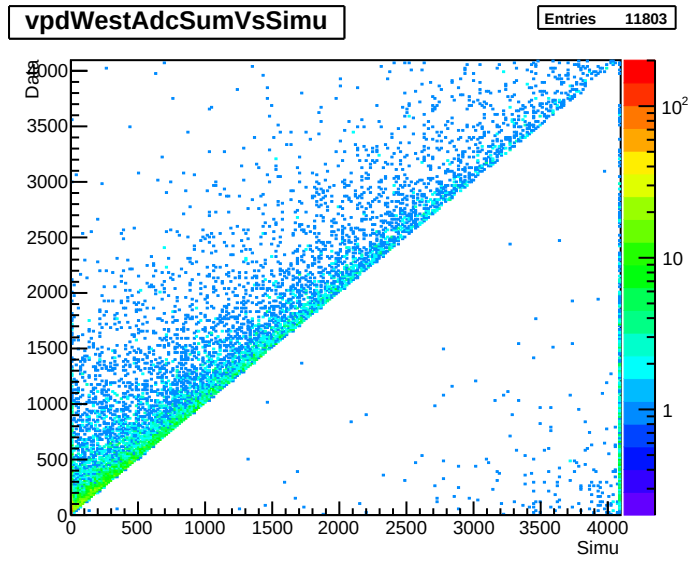

vpdEastNHits
Entries 24638

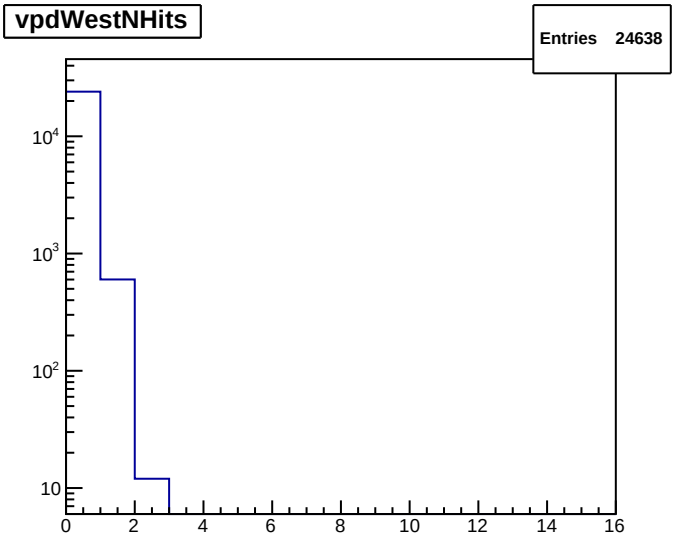

vpdEastNHitsVsSimu
Entries 1212

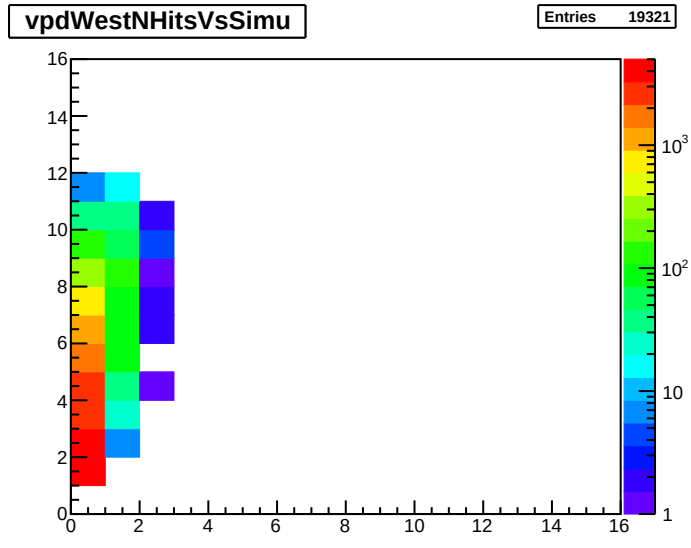

vpdEastTacSum
Entries 24638

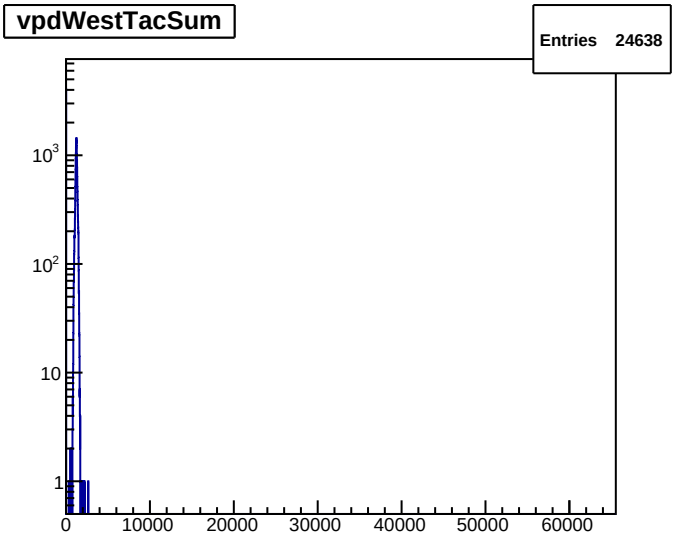

vpdEastTacSumVsSimu
Entries 20898
Data
Simu

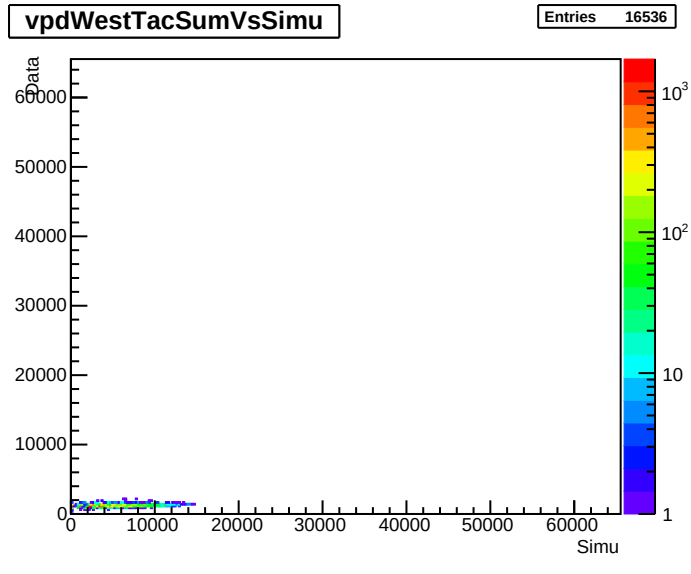

vpdWestAdcSum
Entries 24638

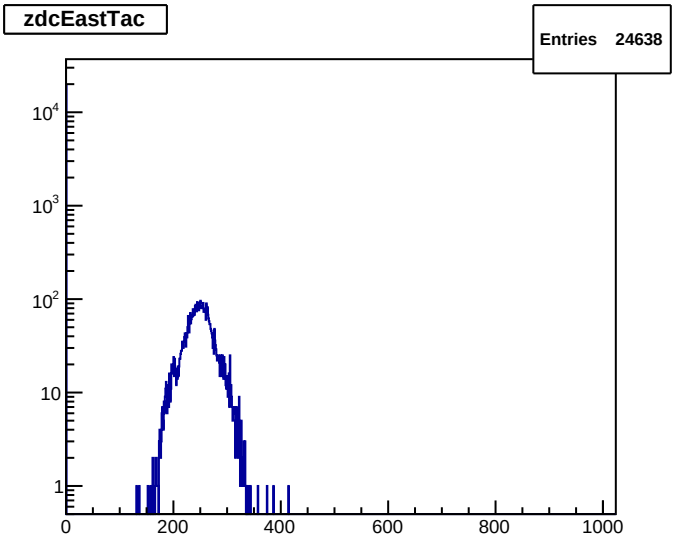

vpdWestAdcSumVsSimu
Entries 11803
Data
Simu

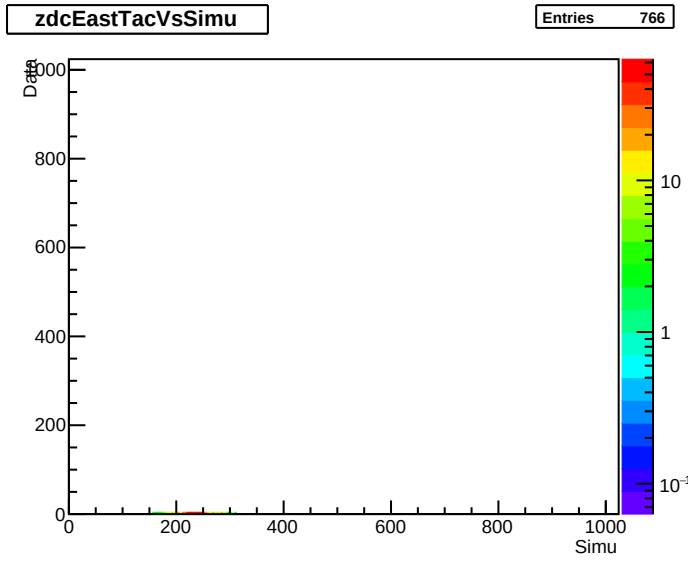

vpdWestNHits
Entries 24638

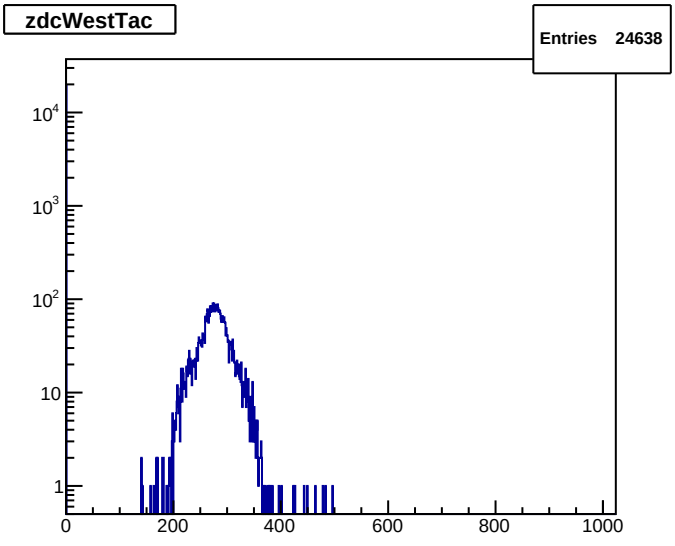

vpdWestNHitsVsSimu
Entries 19321

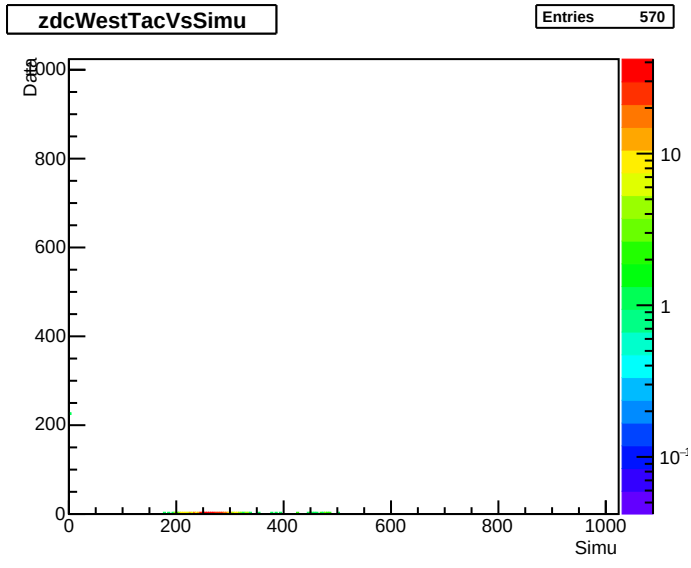

vpdWestTacSum
Entries 24638

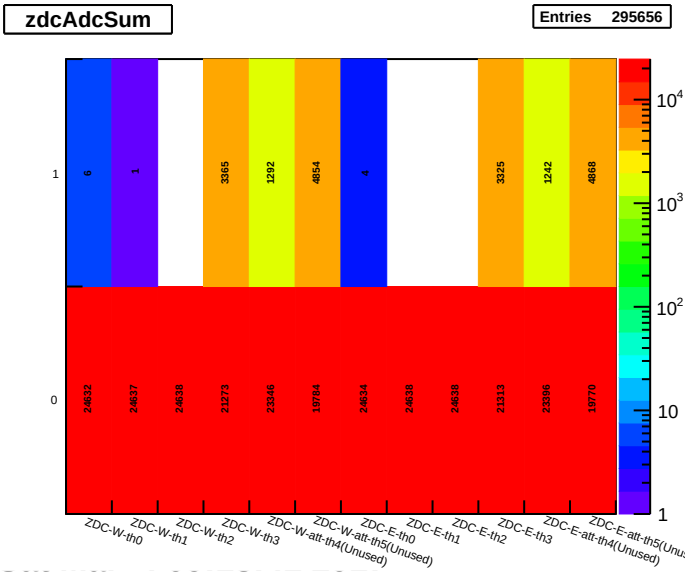

vpdWestTacSumVsSimu
Entries 16536
Data
Simu

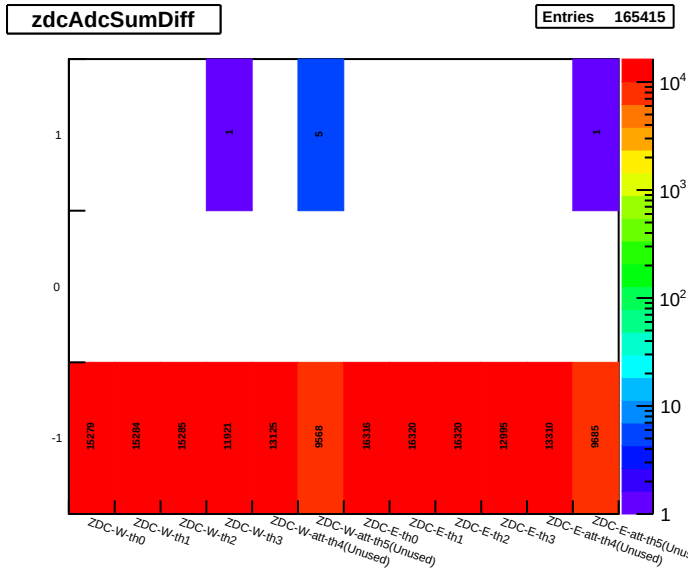

zdcEastTac
Entries 24638

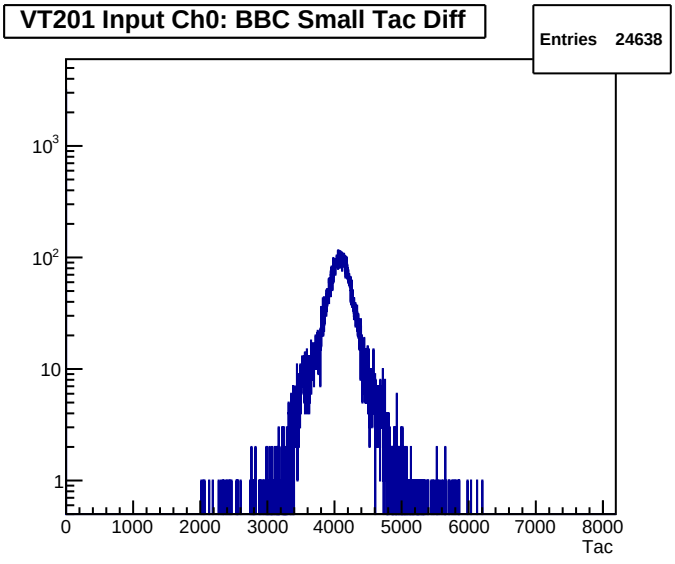

zdcEastTacVsSimu
Entries 766
Data
Simu

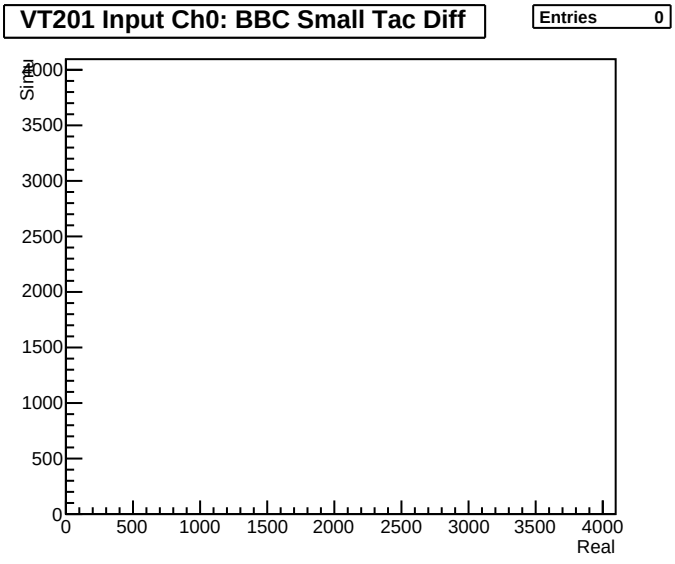

zdcWestTac
Entries 24638

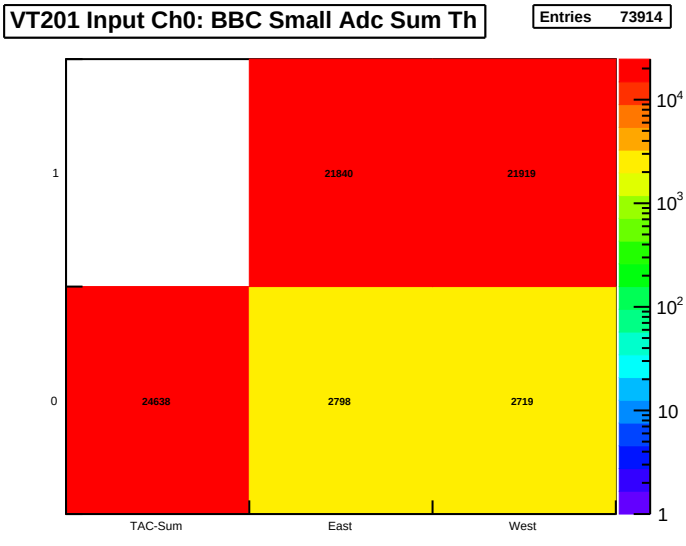

zdcWestTacVsSimu
Entries 570
Data
Simu

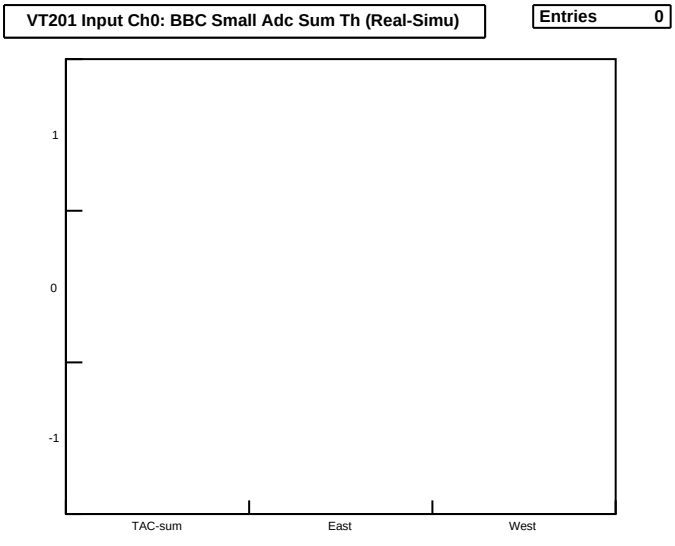

zdcAdcSum
Entries 295656
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

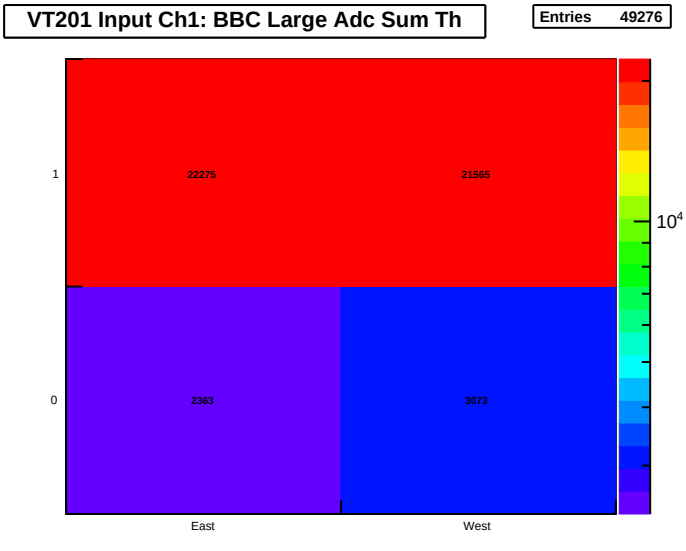

zdcAdcSumDiff
Entries 165415
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

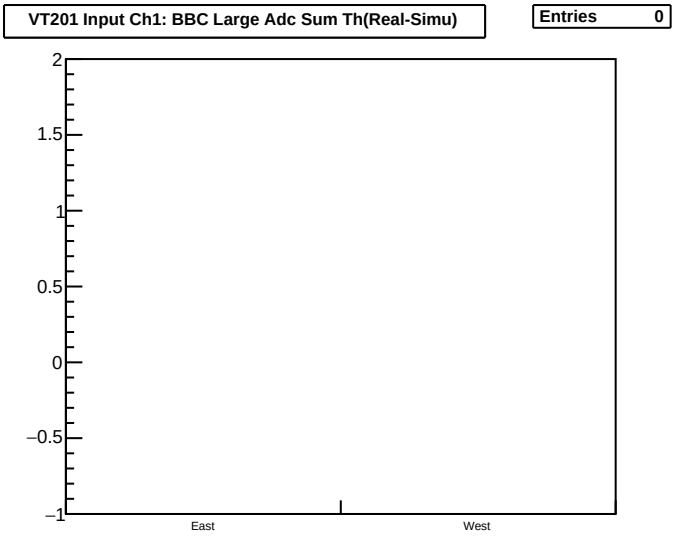

VT201 Input Ch0: BBC Small Tac Diff
Entries 24638
Tac


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

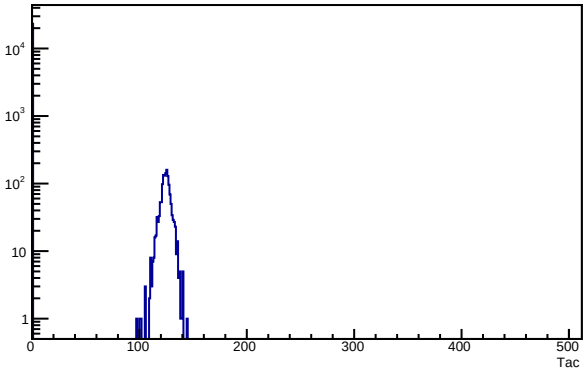

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 73914
21840
21919
24638
2798
2719
TAC-Sum
East
West


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

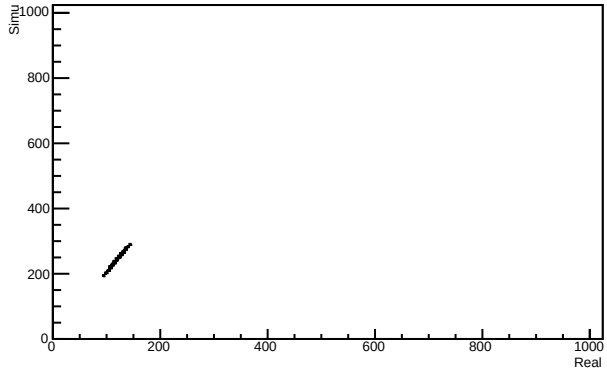

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 49276
22275
21565
2363
3073
East
West


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

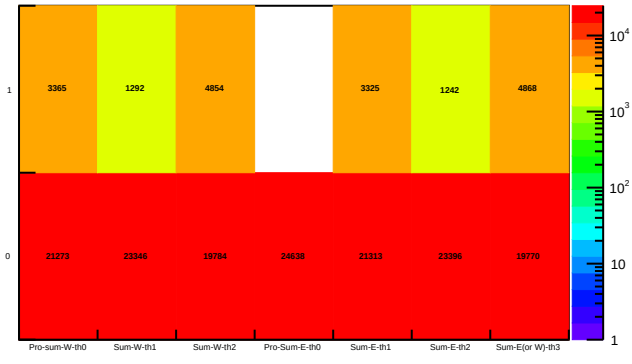
VT201 Input Ch2: ZDC Tac Diff



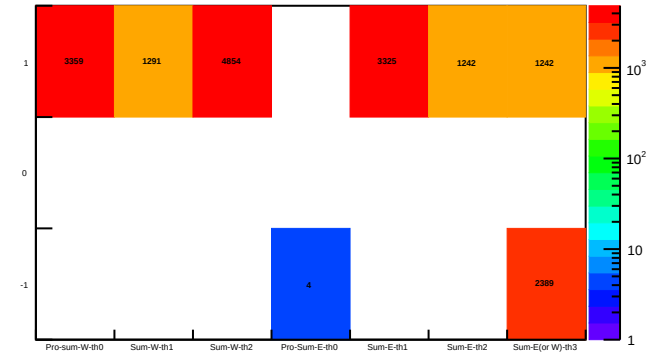
VT201 Input Ch2: ZDC Tac Diff



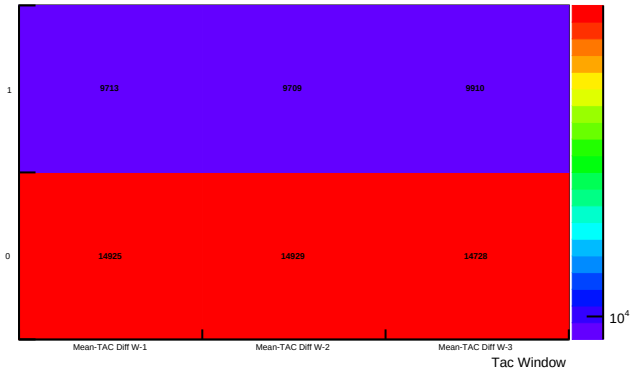
VT201 Input Ch2: ZDC Adc Sum Th



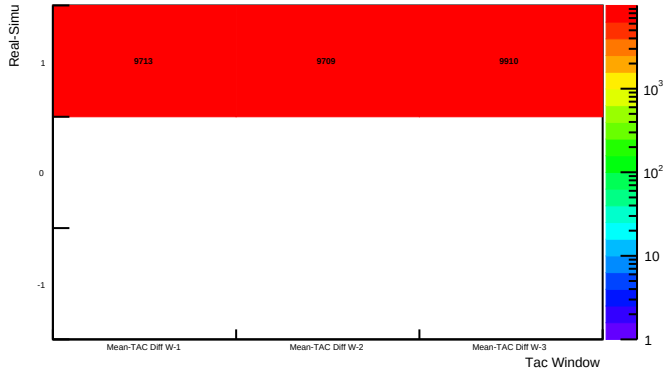
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



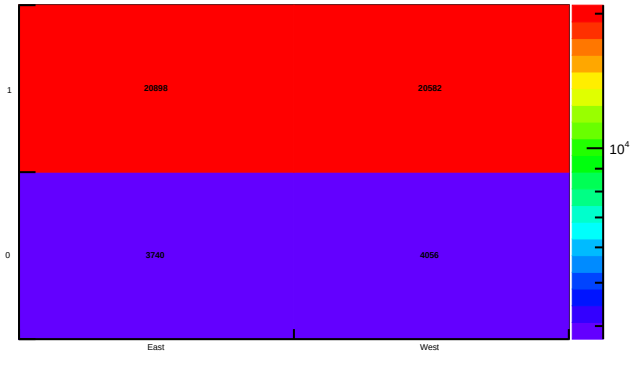
VT201 Input Ch4: VPD Tac Diff



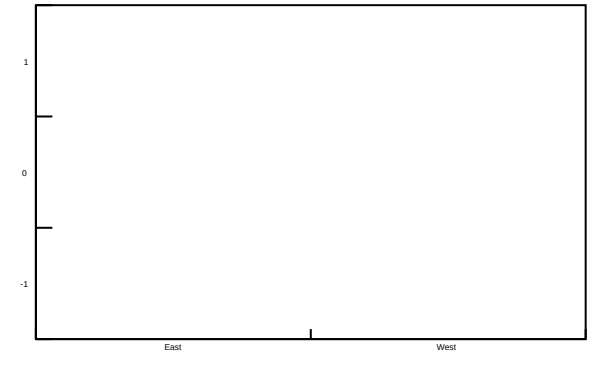
VT201 Input Ch4: VPD Tac Diff

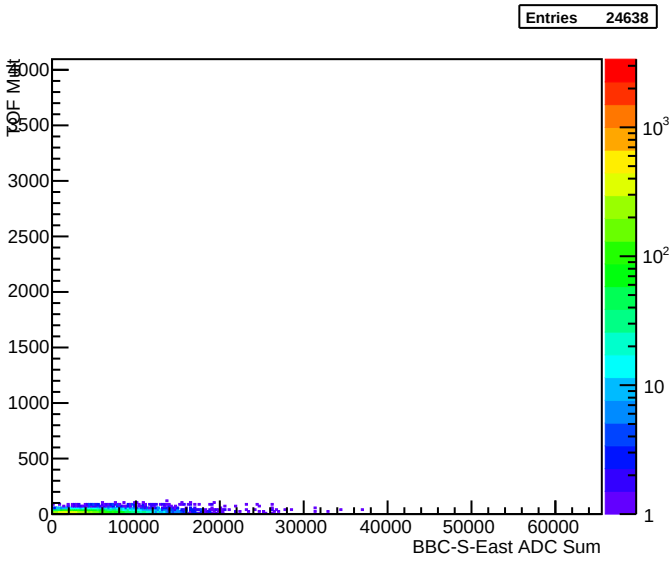


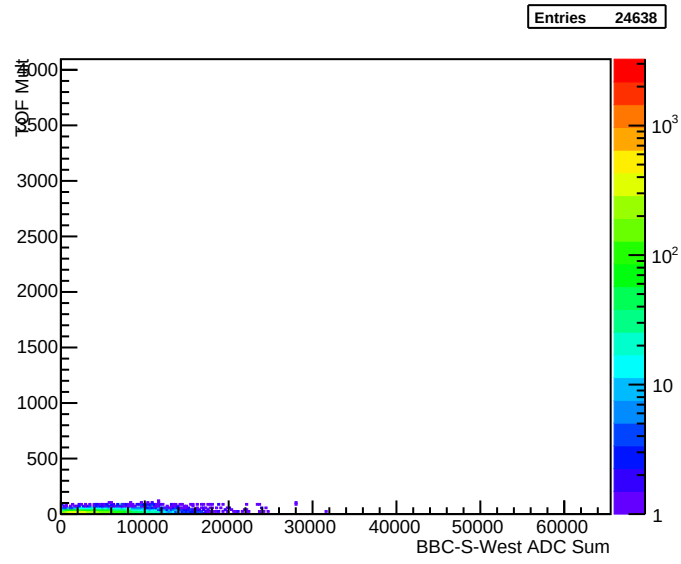
VT201 Input Ch4: VPD Adc Sum Th

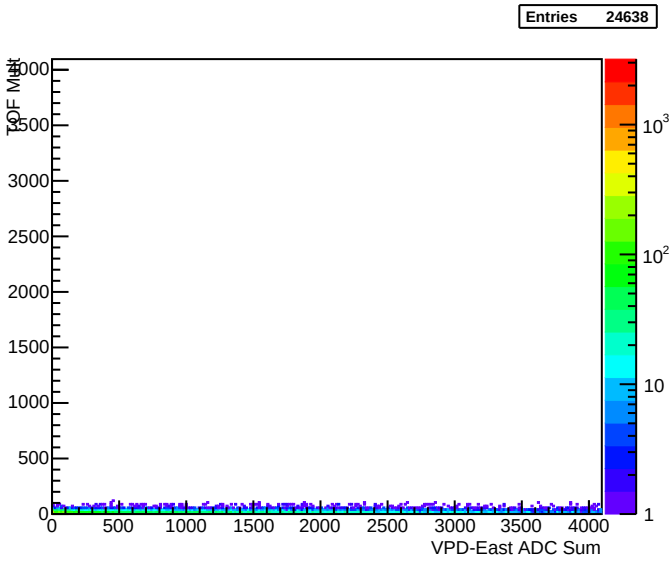


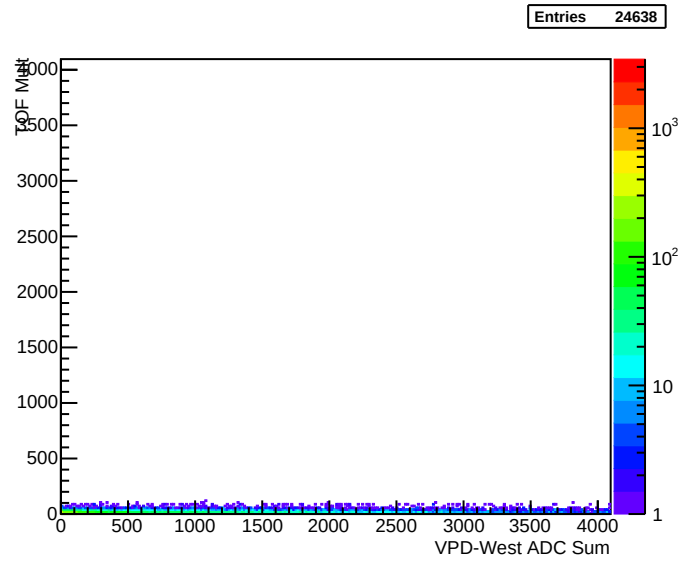
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

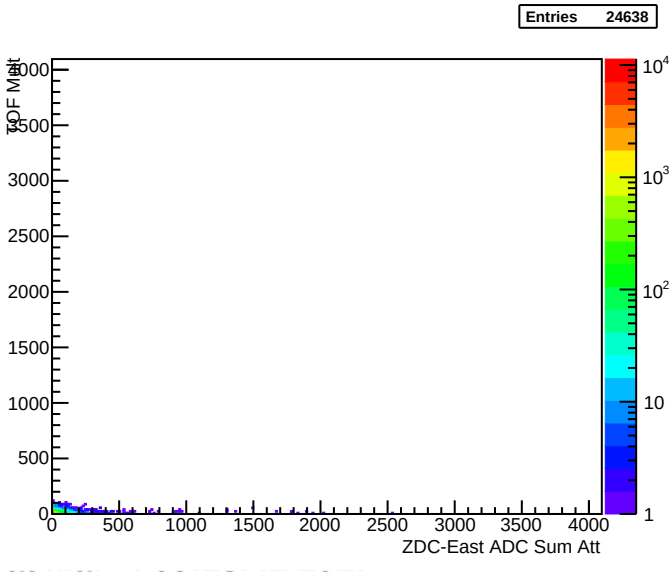


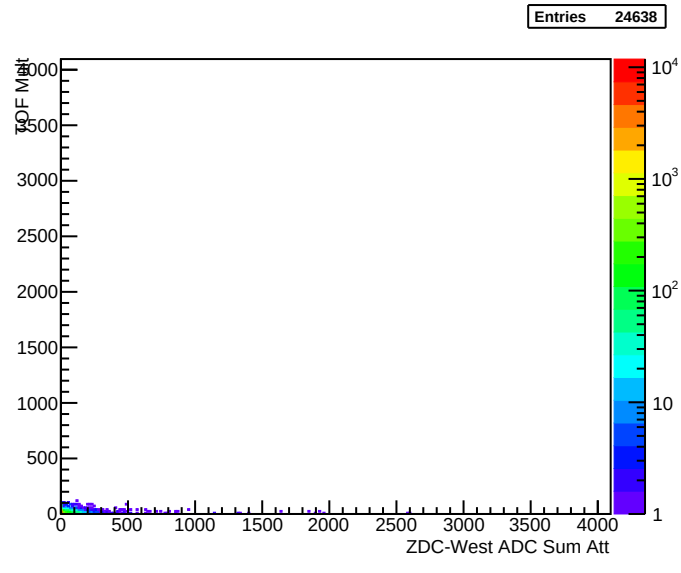

Entries 24638
TOF Mult
BBC-S-East ADC Sum

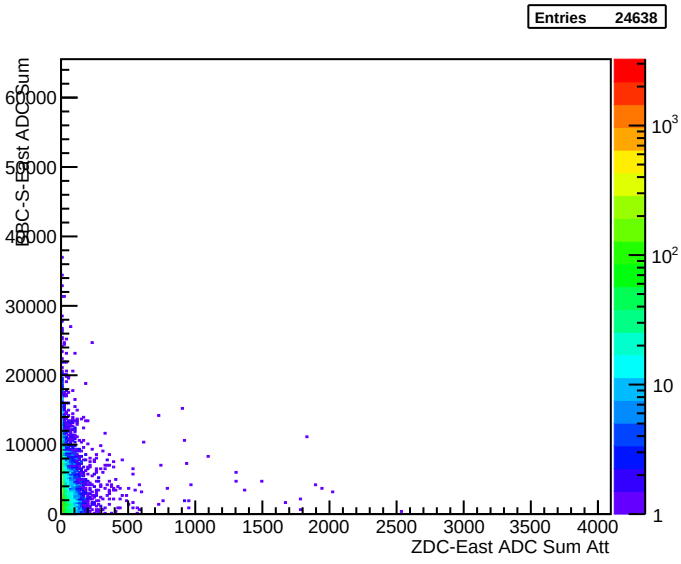

Entries 24638
TOF Mult
BBC-S-West ADC Sum

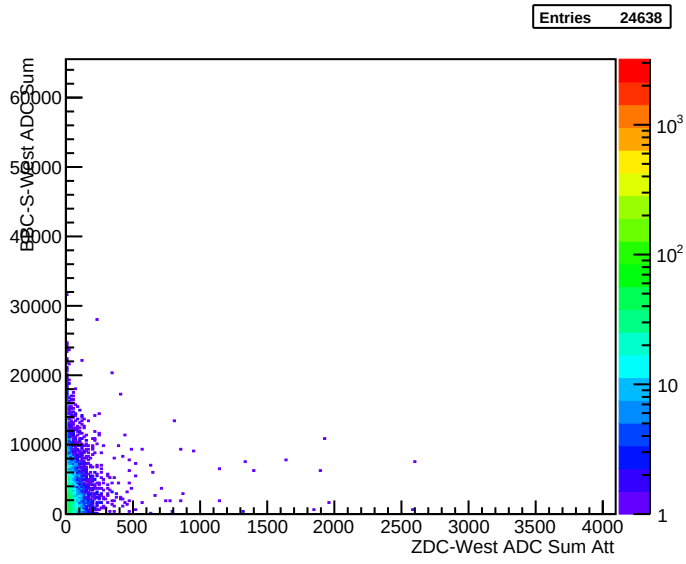

Entries 24638
TOF Mult
VPD-East ADC Sum

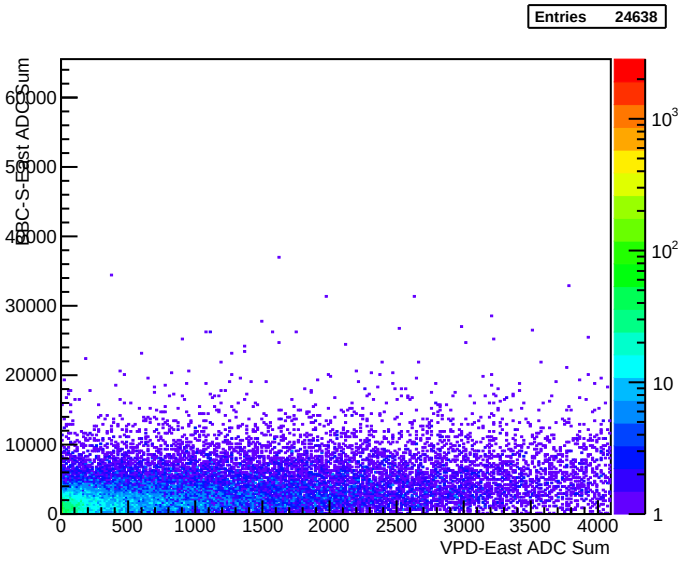

Entries 24638
TOF Mult
VPD-West ADC Sum

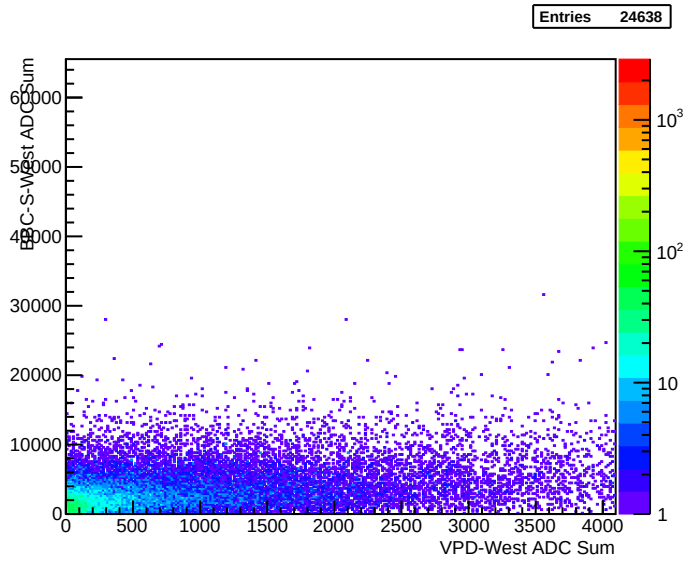

Entries 24638
TOF Mult
ZDC-East ADC Sum Att

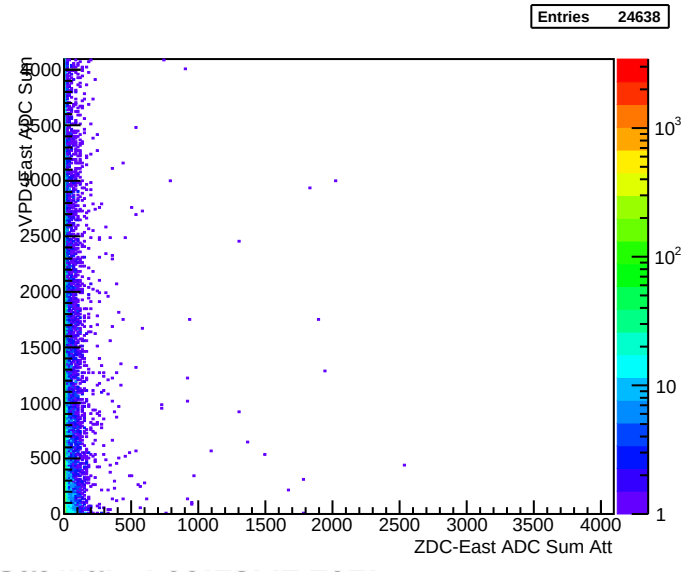

Entries 24638
TOF Mult
ZDC-West ADC Sum Att

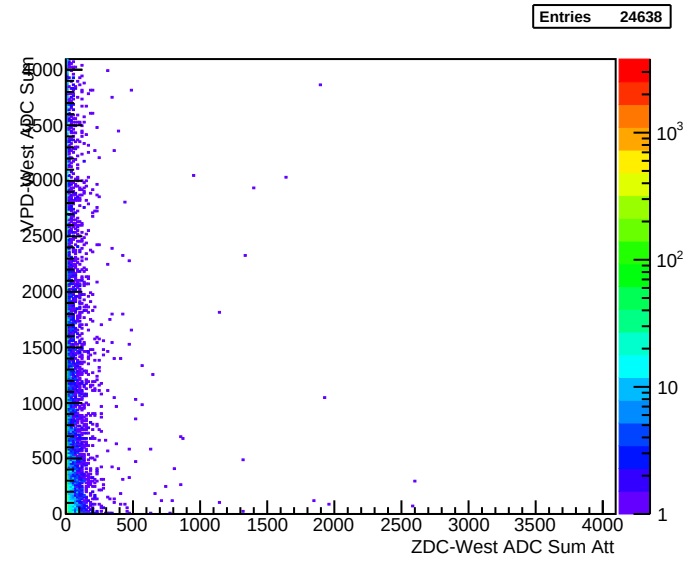

Entries 24638
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

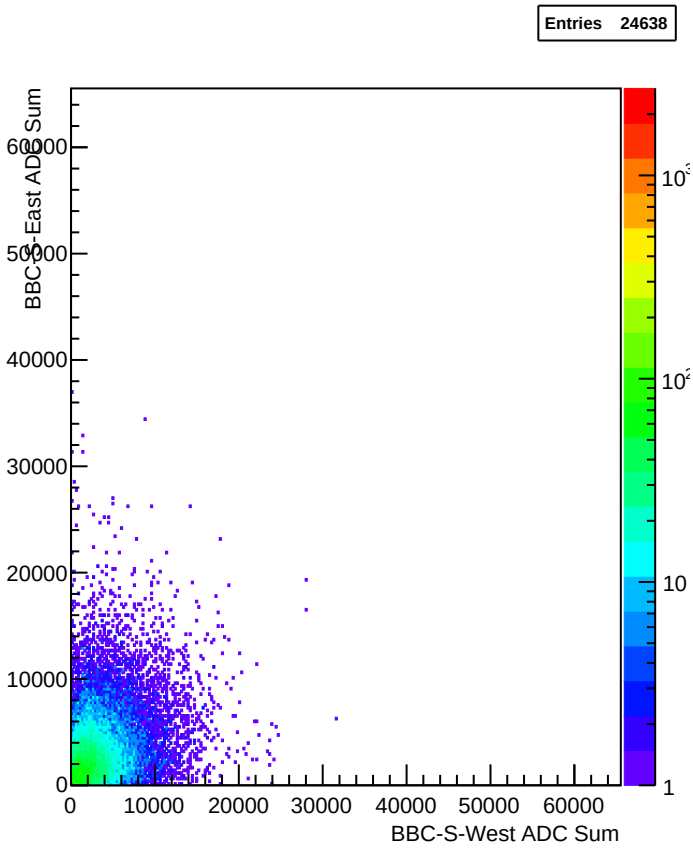

Entries 24638
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

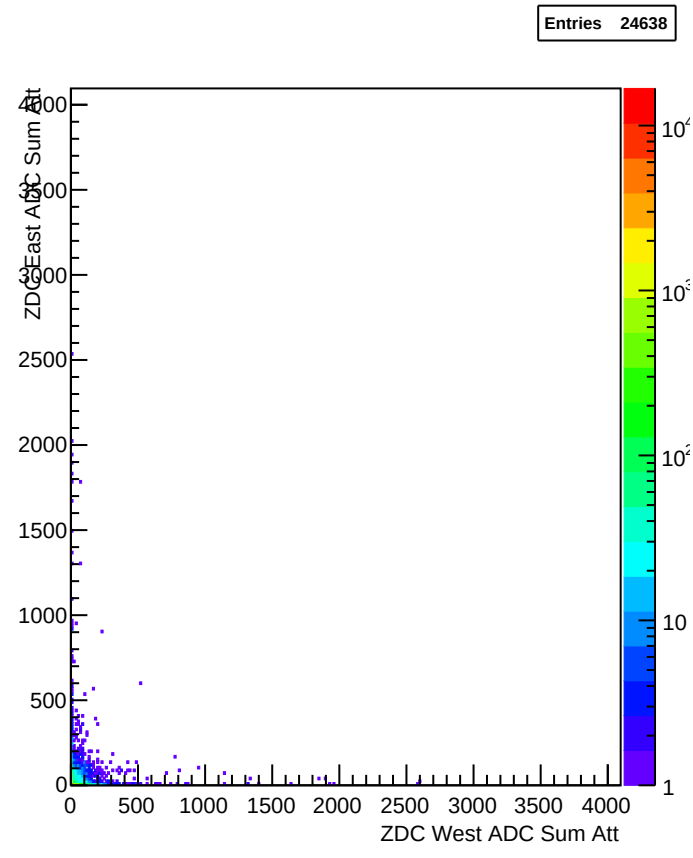

Entries 24638
BBC-S-East ADC Sum
VPD-East ADC Sum

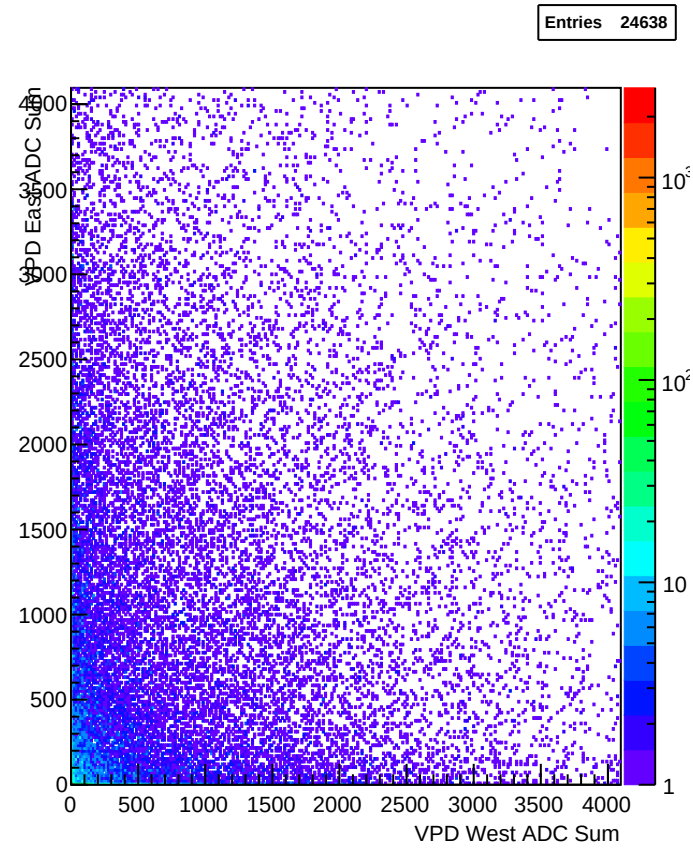

Entries 24638
BBC-S-West ADC Sum
VPD-West ADC Sum

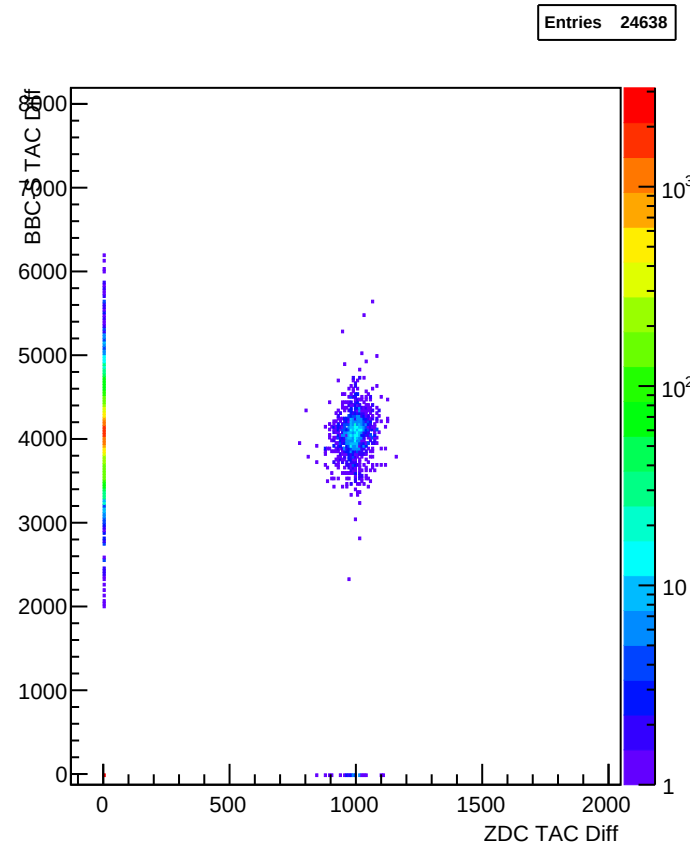

Entries 24638
VPD-East ADC Sum
ZDC-East ADC Sum Att

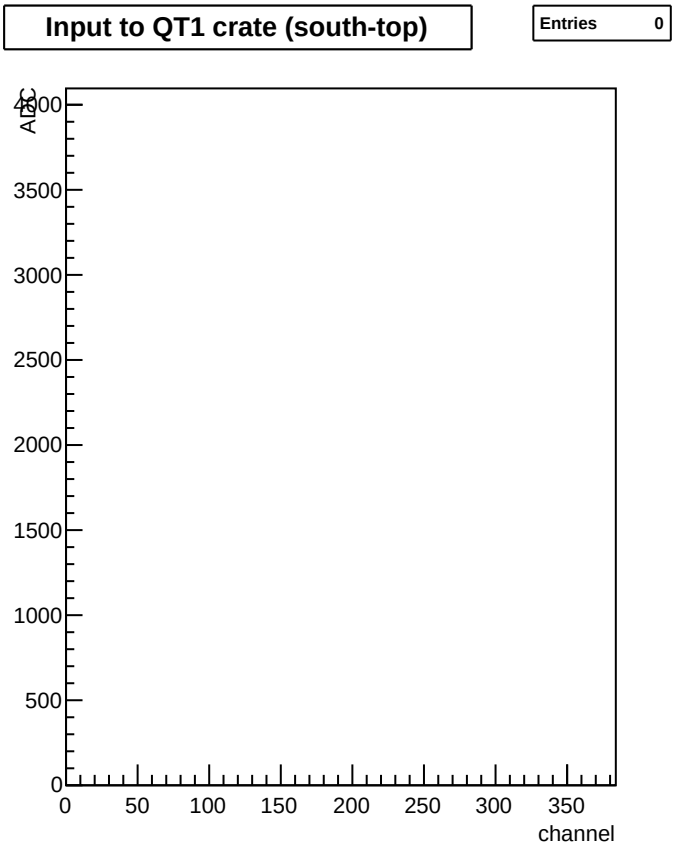

Entries 24638
VPD-West ADC Sum
ZDC-West ADC Sum Att

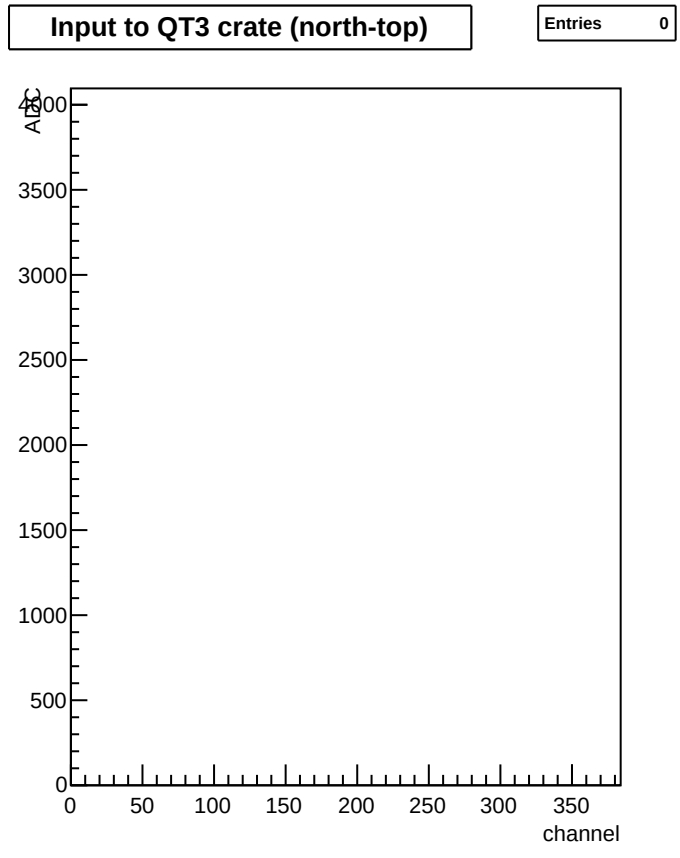

Entries 24638
BBC-S-East ADC Sum
BBC-S-West ADC Sum

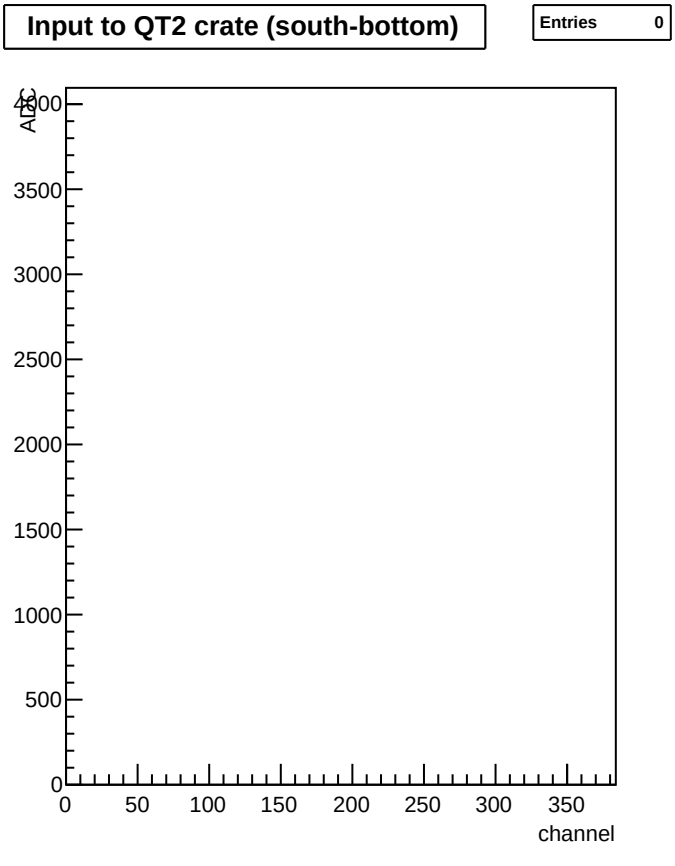

Entries 24638
ZDC East ADC Sum Att
ZDC West ADC Sum Att

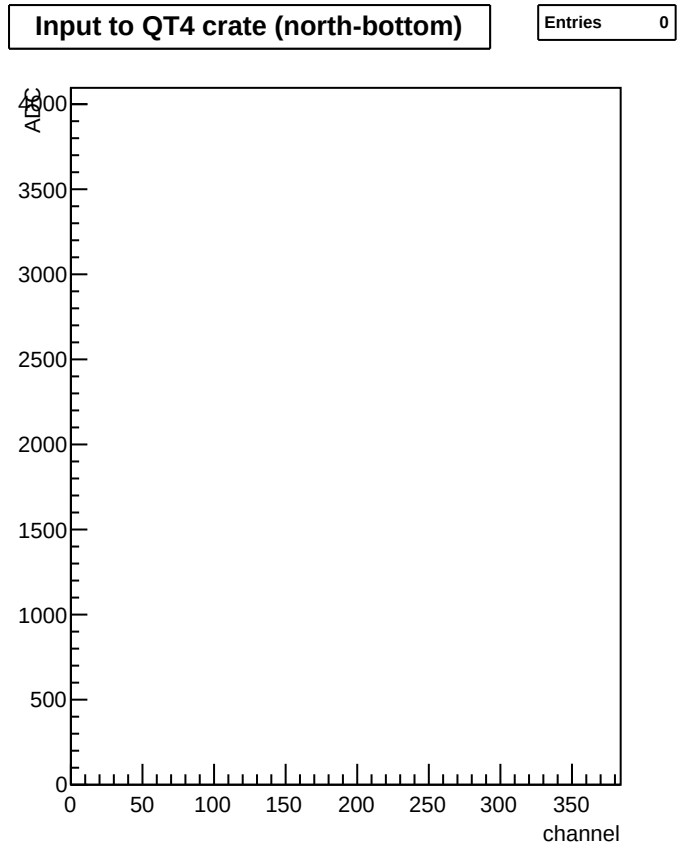

Entries 24638
VPD East ADC Sum
VPD West ADC Sum

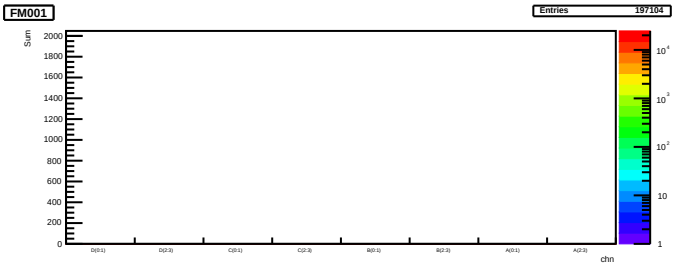

Entries 24638
BBC-S TAC Diff
ZDC TAC Diff

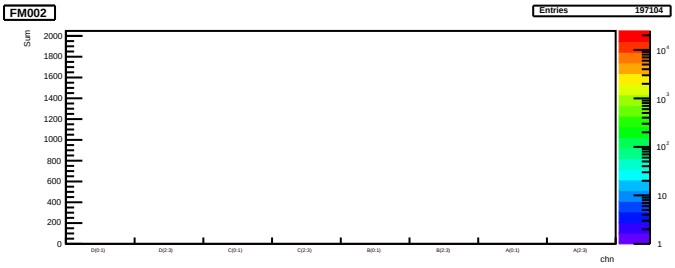

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

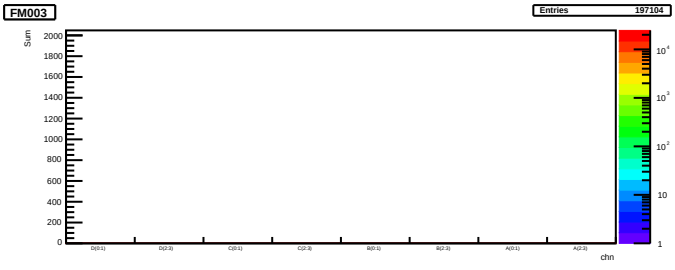

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

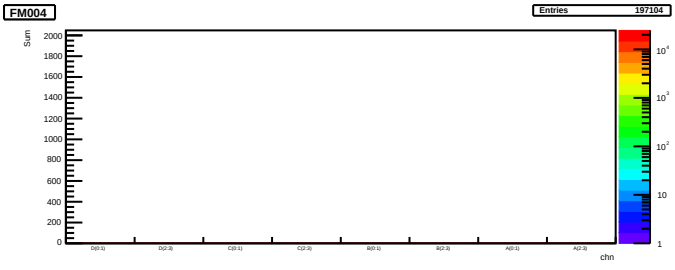

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

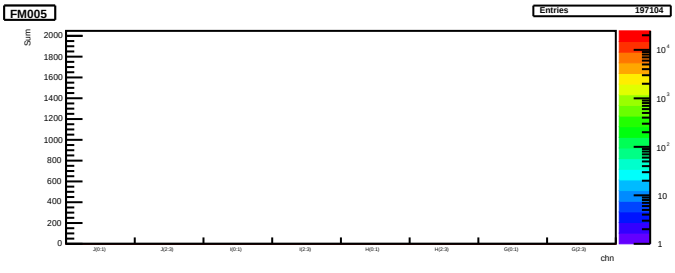

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

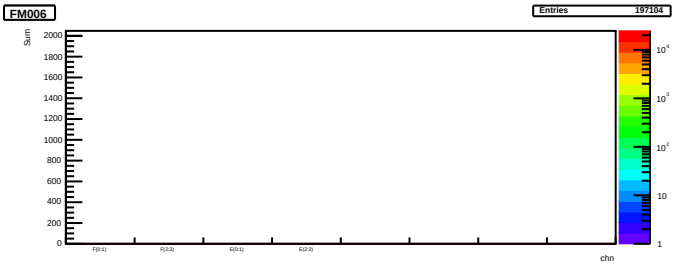

FM001
Entries 197104
Sum
chn

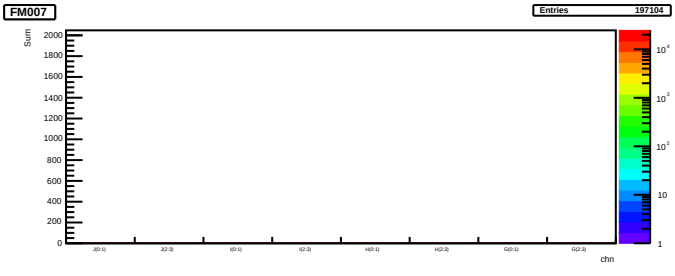

FM002
Entries 197104
Sum
chn

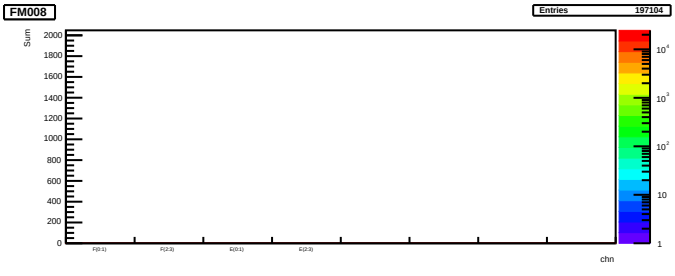

FM003
Entries 197104
Sum
chn

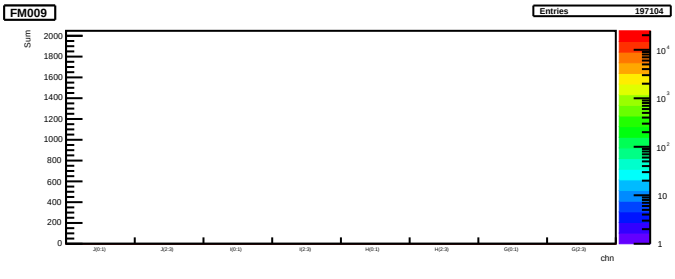

FM004
Entries 197104
Sum
chn

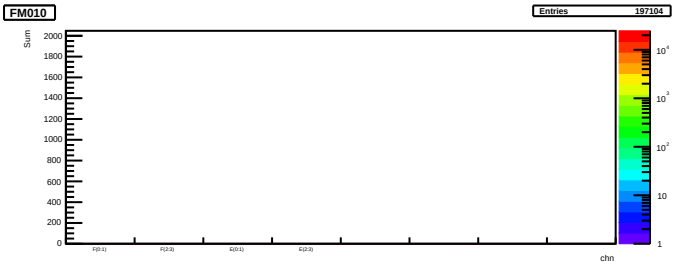

FM005
Entries 197104
Sum
chn

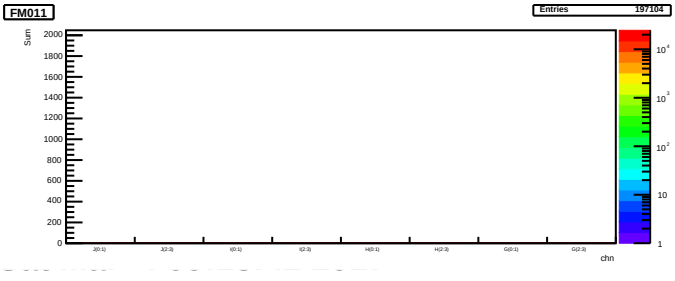

FM006
Entries 197104
Sum
chn

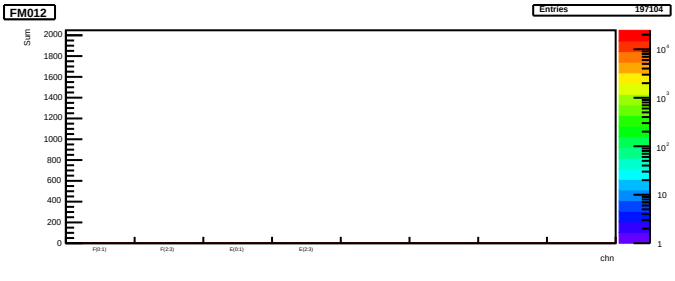

FM007
Entries 197104
Sum
chn

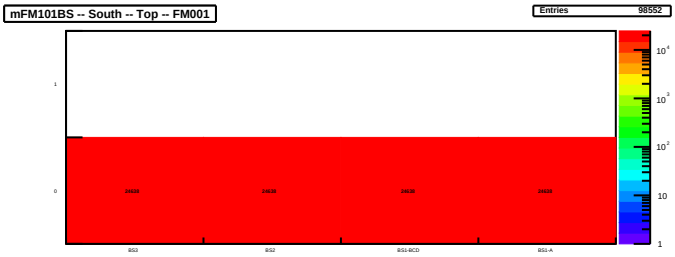

FM008
Entries 197104
Sum
chn

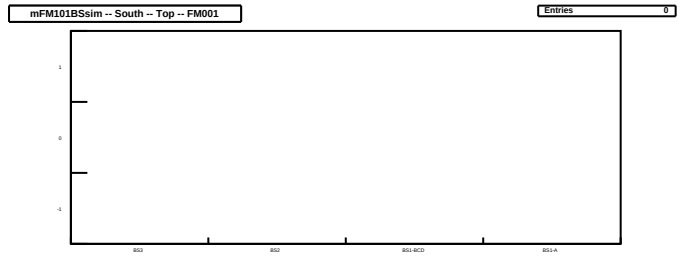

FM009
Entries 197104
Sum
chn

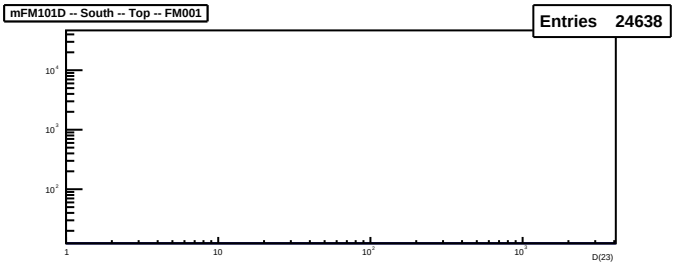

FM010
Entries 197104
Sum
chn

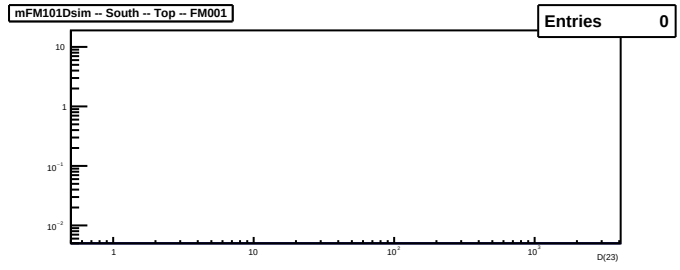

FM011
Entries 197104
Sum
chn

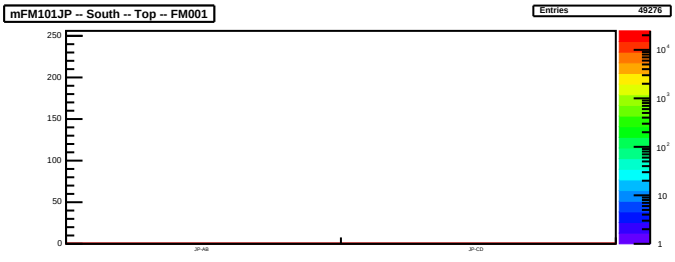

FM012
Entries 197104
Sum
chn

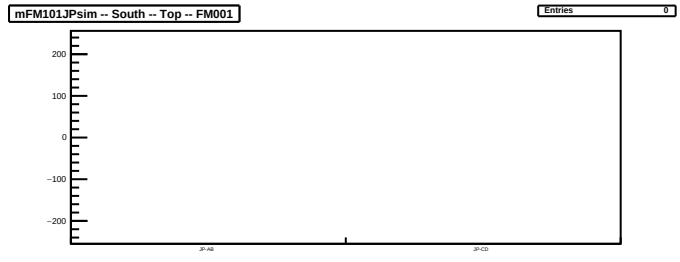

mFM101BS -- South -- Top -- FM001
Entries 98552
24638
24638
24638
24638
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Top -- FM001
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Top -- FM001
Entries 24638
D(23)


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


mFM101JP -- South -- Top -- FM001
Entries 49276
JP-AB
JP-CD


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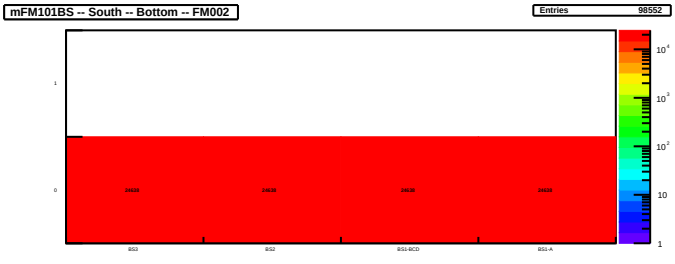
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 98552
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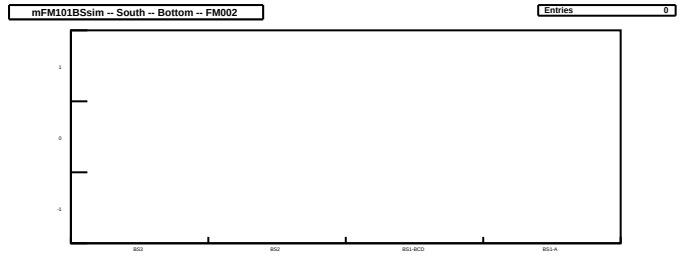
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Bottom -- FM002
Entries 0
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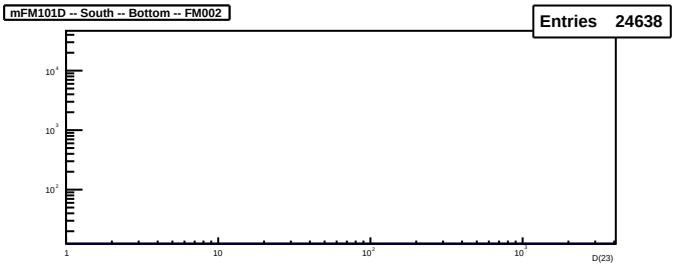
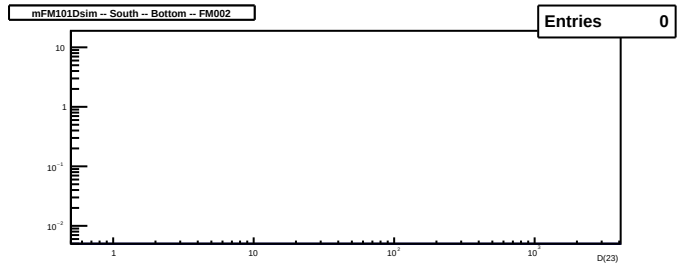
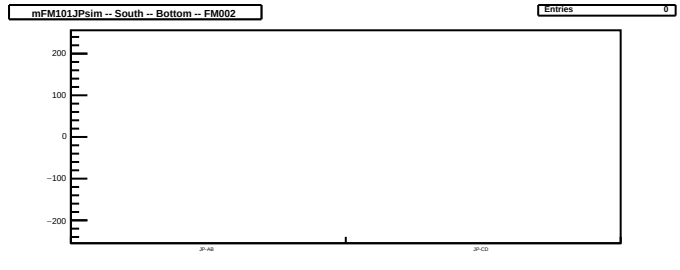
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 24638
D(23)


mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

mFM101JP -- South -- Bottom -- FM002
Entries 49276
JP-AB
JP-CD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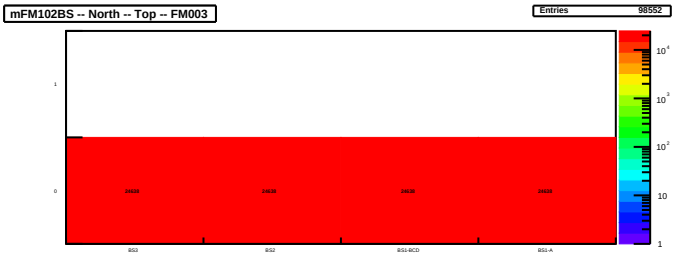
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 98552
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24638
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
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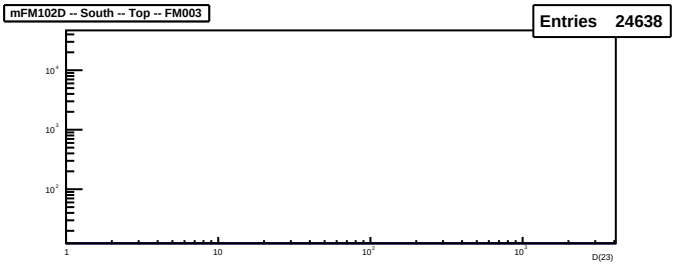
BS2
BS1-BCD
BS1-A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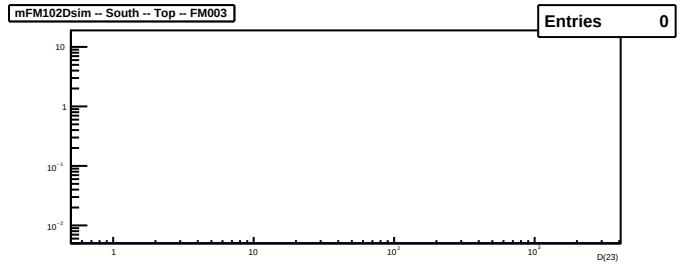
Entries 24638
D(23)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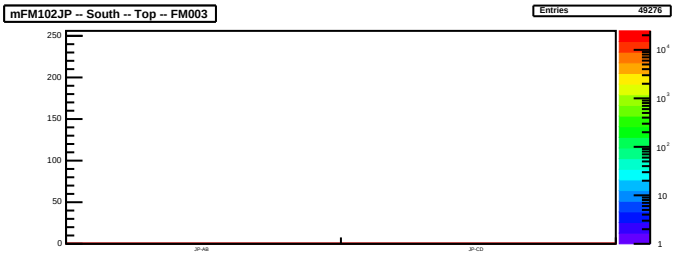
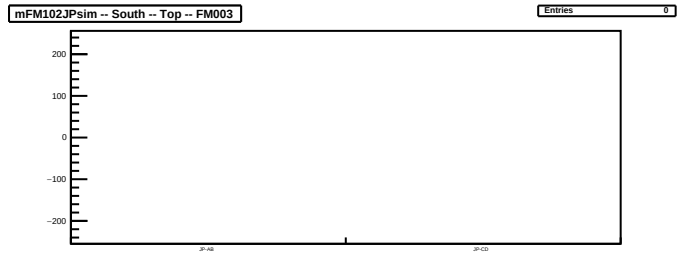
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 49276
JP-AB
JP-CD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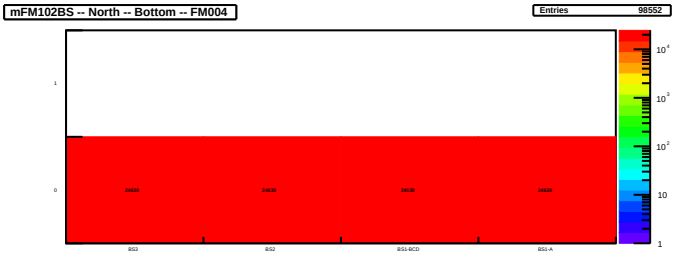
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Bottom -- FM004
Entries 98552
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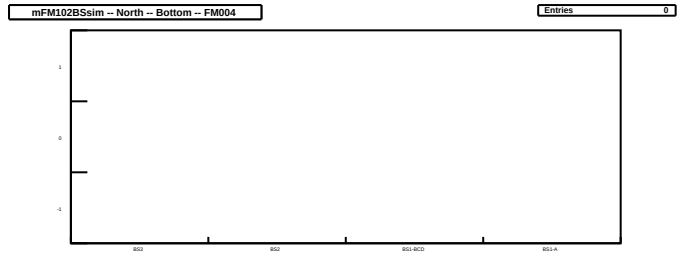
BS1-BCD
BS1-A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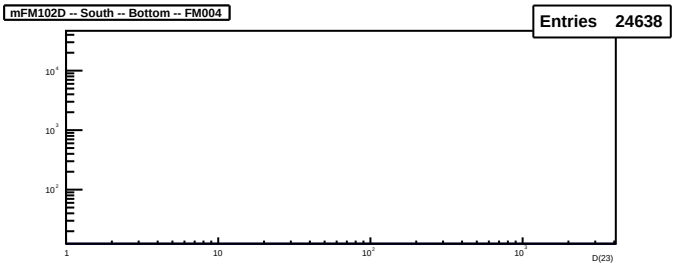
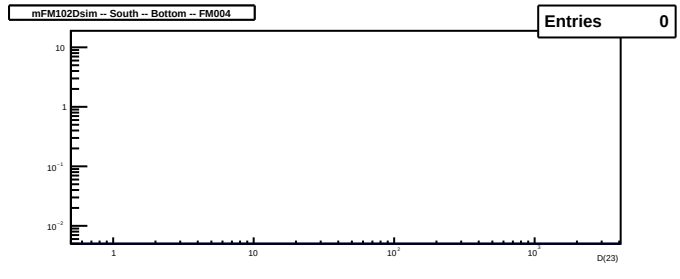
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 24638
D(23)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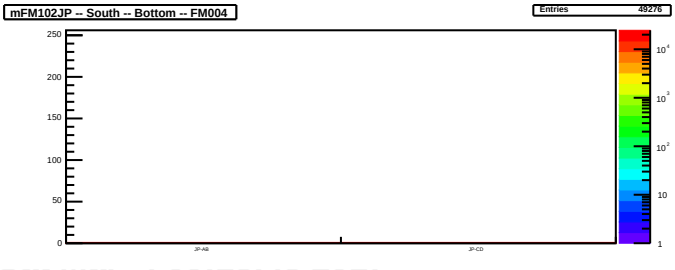
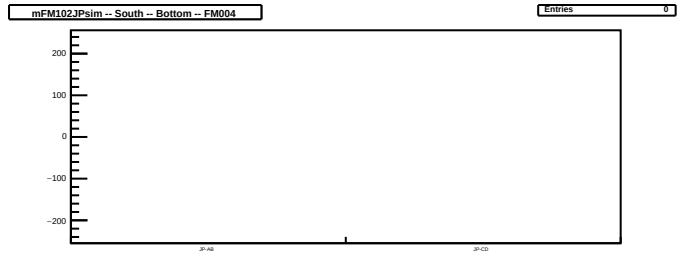
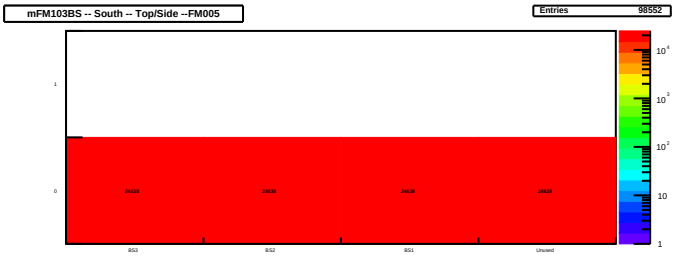
Entries 0
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 49276
JP-AB
JP-CD


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


mFM103BS -- South -- Top/Side --FM005
Entries 98552
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24638
BS3
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BS1
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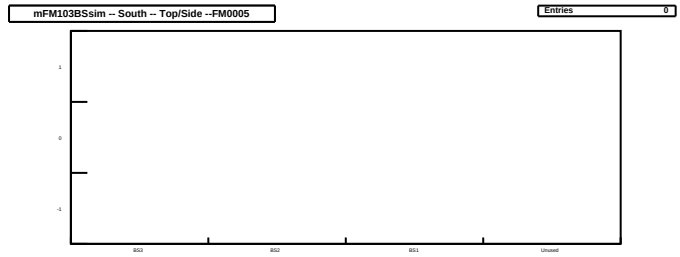
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Entries 0
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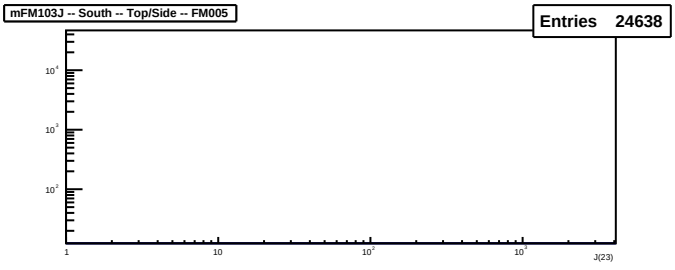
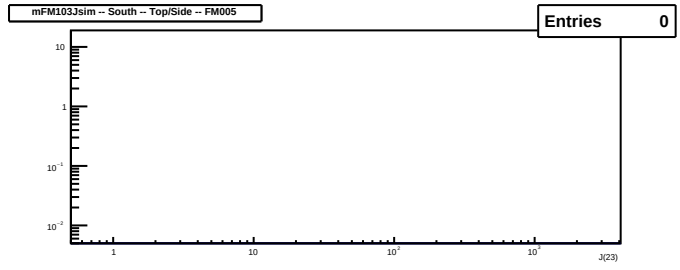
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 24638
J(23)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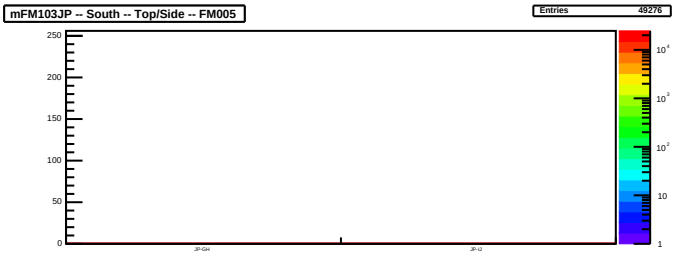
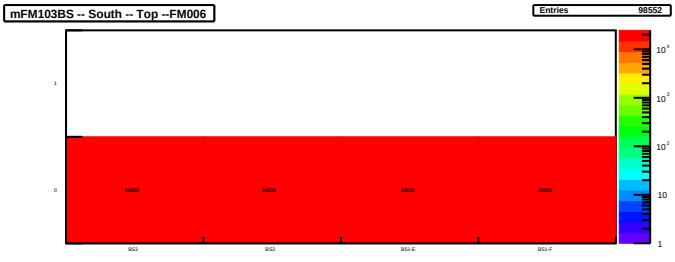
Entries 0
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 49276
JP-GH
JP-IJ

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


mFM103BS -- South -- Top --FM006
Entries 98552
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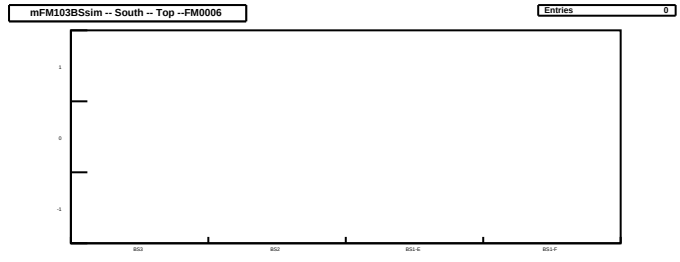
24638
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 0
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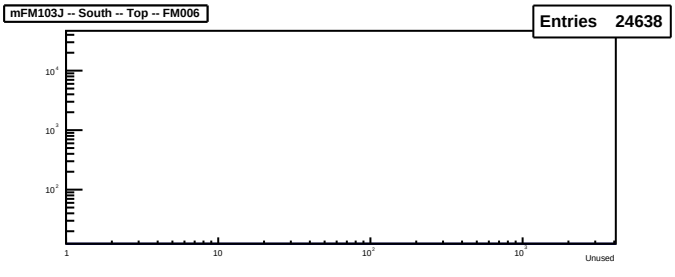
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 24638
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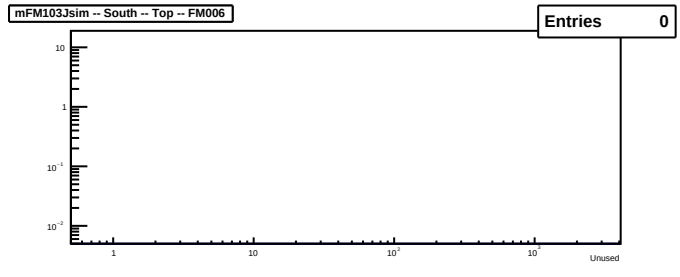
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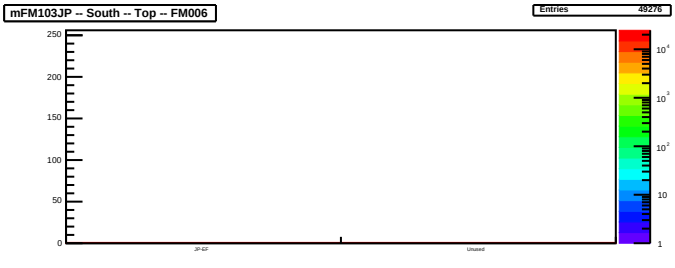
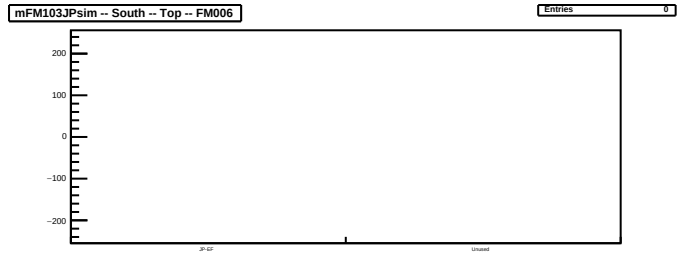
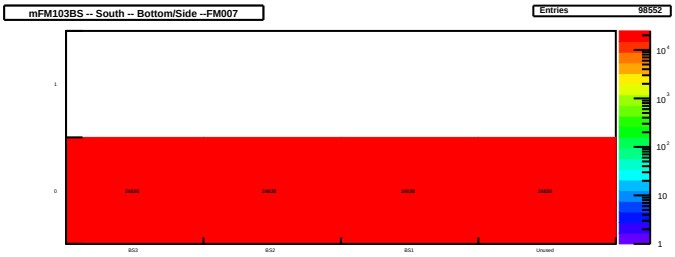

mFM103JP -- South -- Top -- FM006
Entries 49276
JP-EF
Unused


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


mFM103BS -- South -- Bottom/Side --FM007
Entries 98552
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24638
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BS3
BS2
BS1
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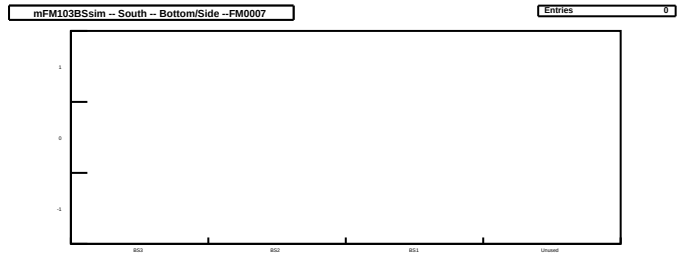
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Entries 0
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BS2
BS1
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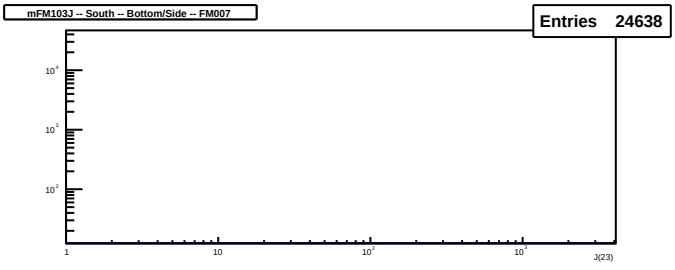
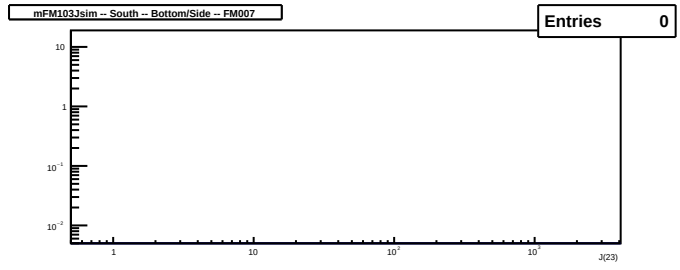
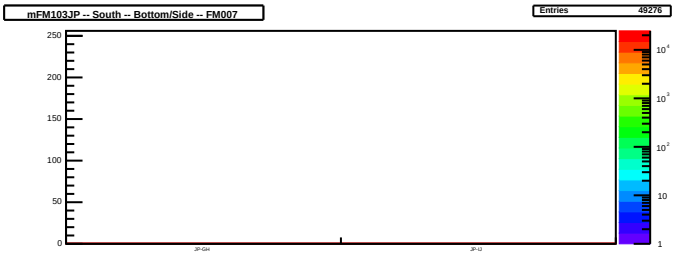
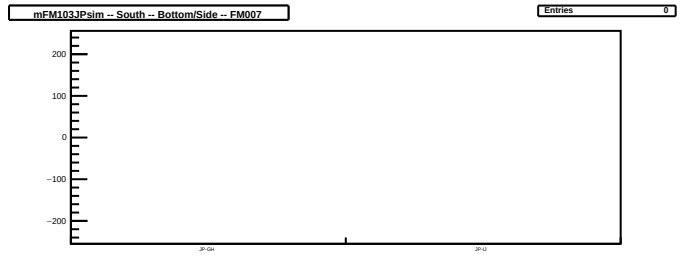
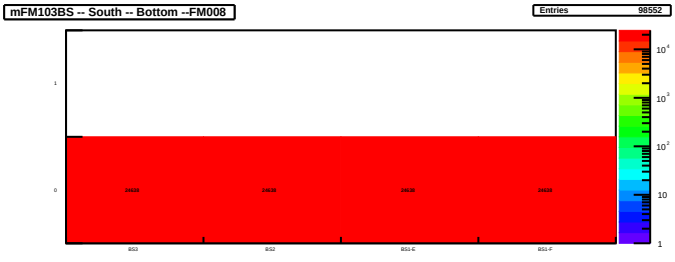

mFM103J -- South -- Bottom/Side -- FM007
Entries 24638
J(23)


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


mFM103JP -- South -- Bottom/Side -- FM007
Entries 49276
JP-GH
JP-IJ


mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ


mFM103BS -- South -- Bottom --FM008
Entries 98552
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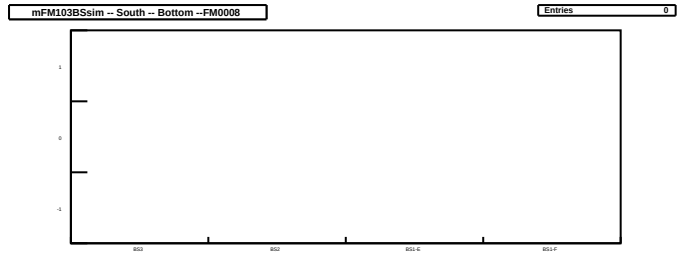
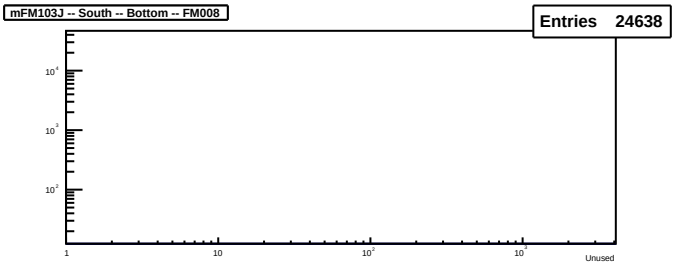
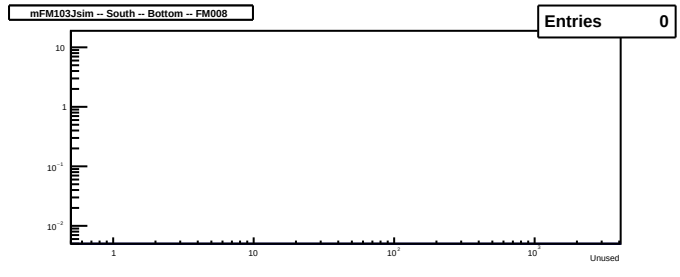
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 24638
Unused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Entries 0
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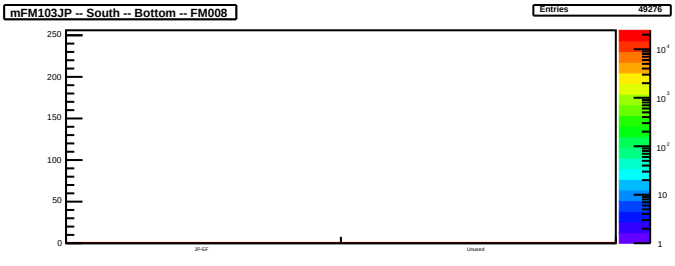
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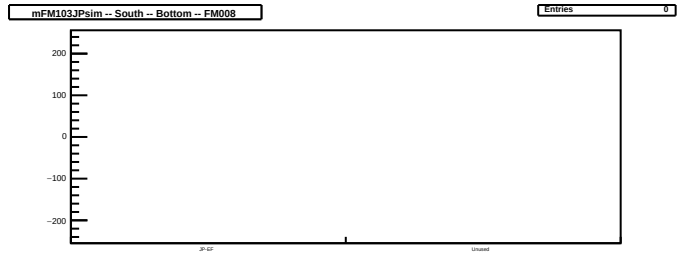
Entries 49276
JP-EF
Unused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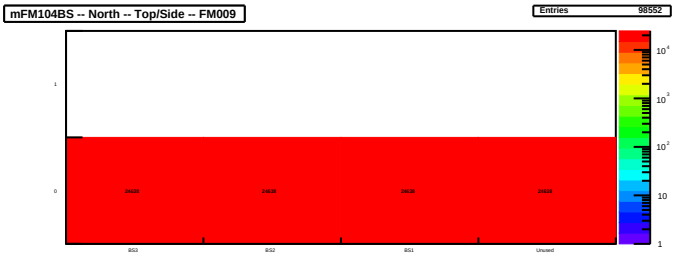
Entries 0
JP-EF
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 98552
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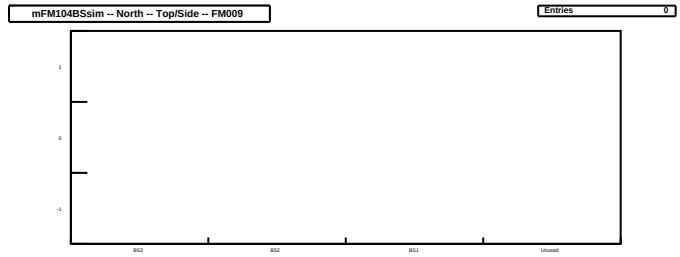
BS3
BS2
BS1
Unused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Entries 0
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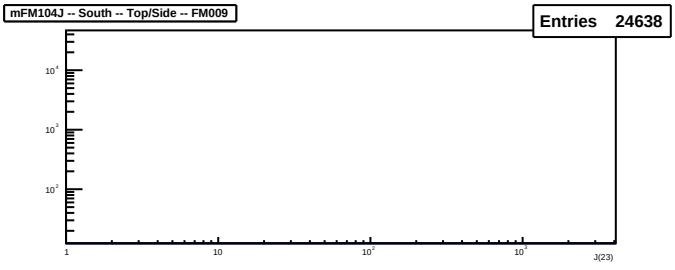
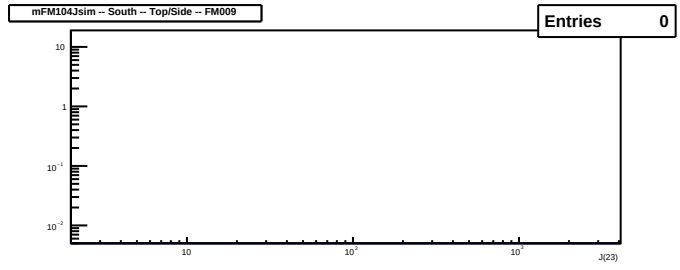
BS2
BS1
Unused


mFM104J -- South -- Top/Side -- FM009
Entries 24638
J(23)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Entries 0
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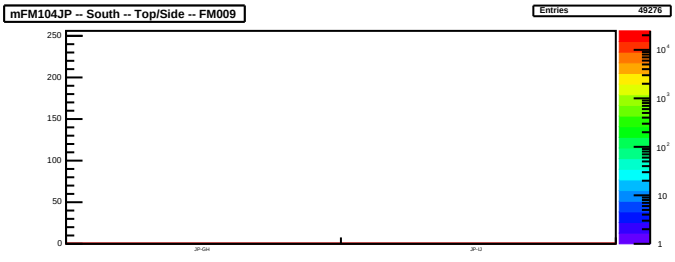
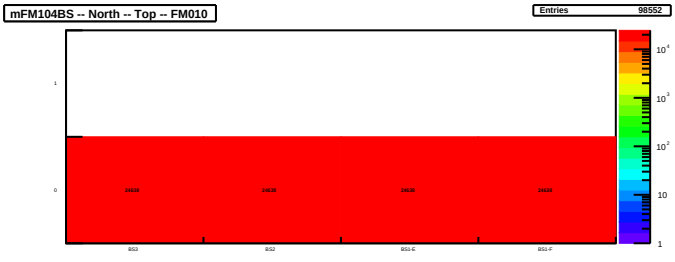

mFM104JP -- South -- Top/Side -- FM009
Entries 49276
JP-GH
JP-IJ

mFM104JPsim -- South -- Top/Side -- FM009
Entries 0
JP-GH
JP-IJ


mFM104BS -- North -- Top -- FM010
Entries 98552
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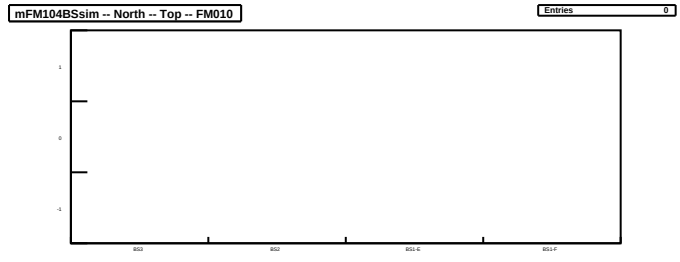
24638
BS3
BS2
BS1-E
BS1-F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Entries 0
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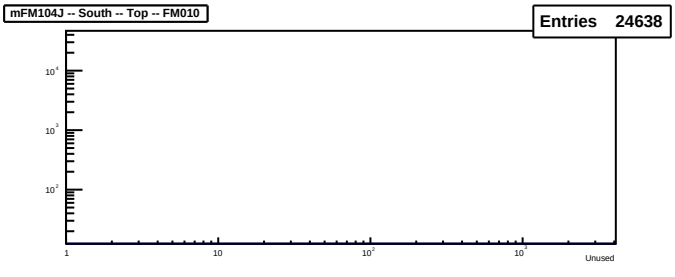
BS2
BS1-E
BS1-F


mFM104J -- South -- Top -- FM010
Entries 24638
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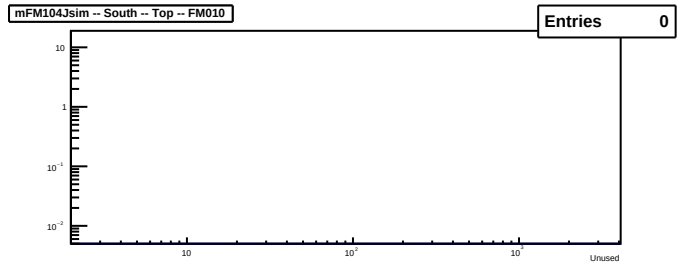
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Entries 0
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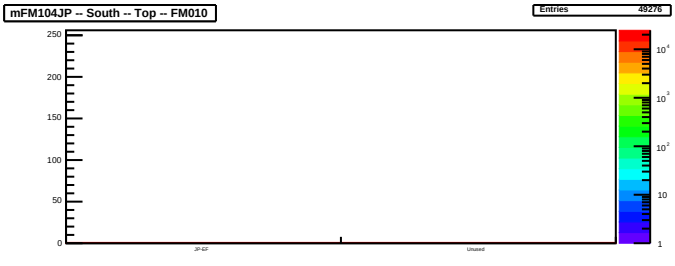
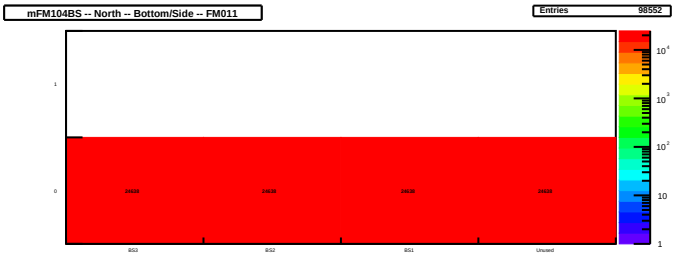
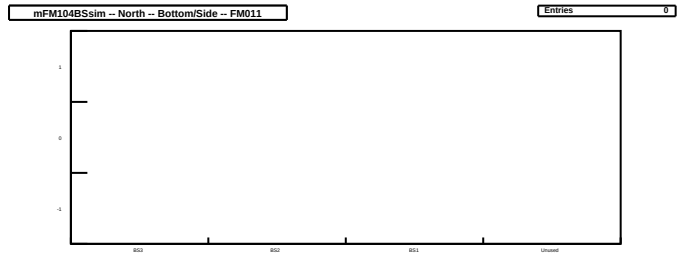
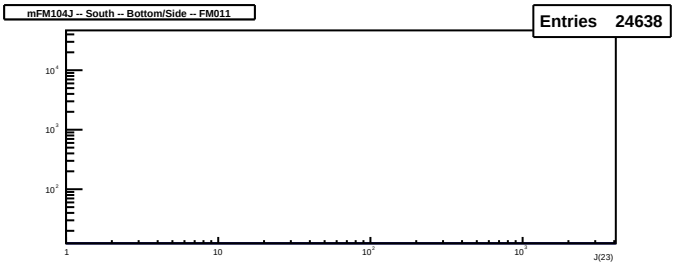
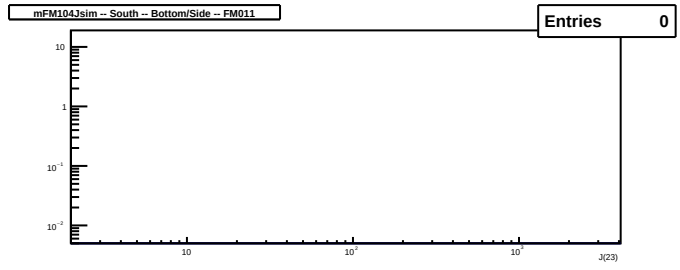

mFM104JP -- South -- Top -- FM010
Entries 49276
JP-EF
Unused

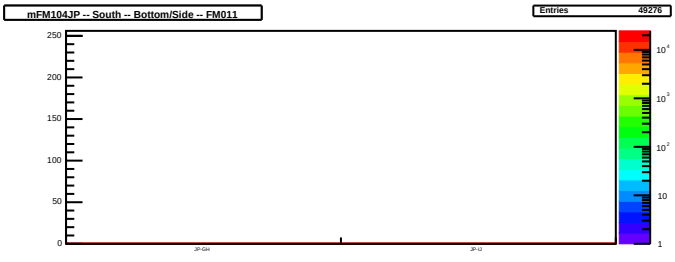
mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

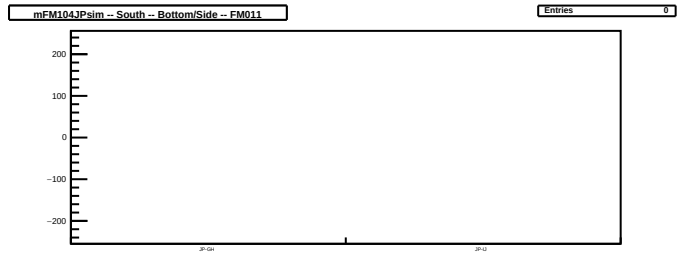

mFM104BS -- North -- Bottom/Side -- FM011
Entries 98552
24638
24638
24638
24638
BS3
BS2
BS1
Unused

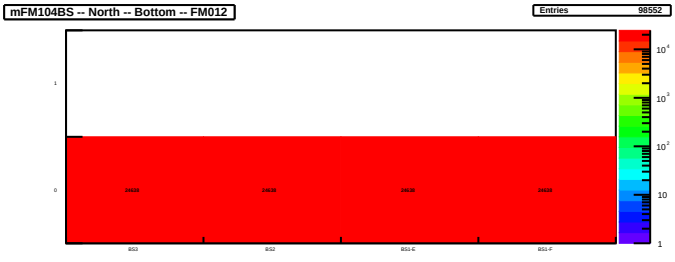

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

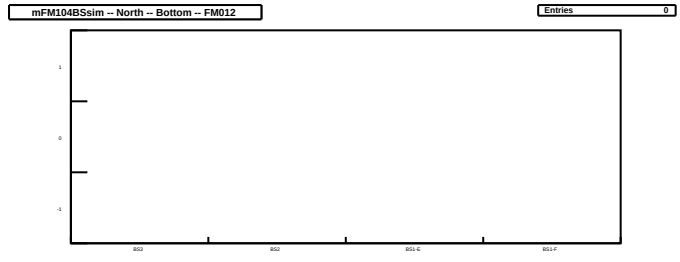

mFM104J -- South -- Bottom/Side -- FM011
Entries 24638
J(23)

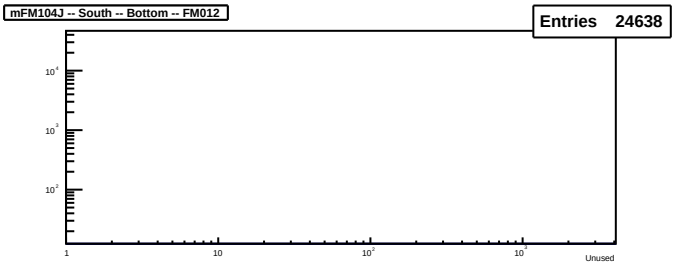

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

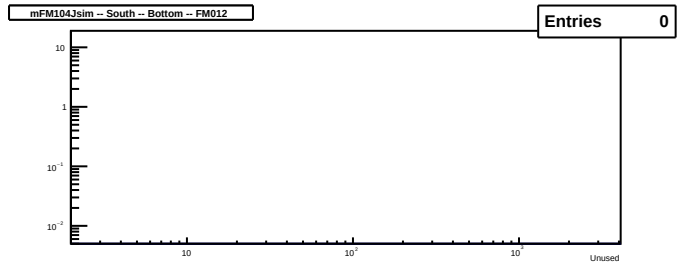

mFM104JP -- South -- Bottom/Side -- FM011
Entries 49276
JP-GH
JP-IJ


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


mFM104BS -- North -- Bottom -- FM012
Entries 98552
24638
24638
24638
24638
BS3
BS2
BS1-E
BS1-F

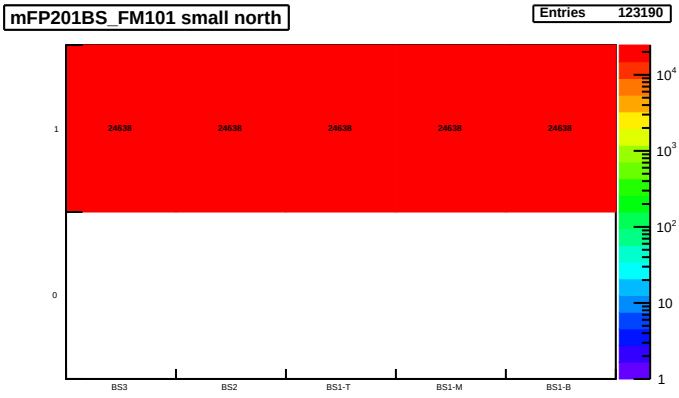

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

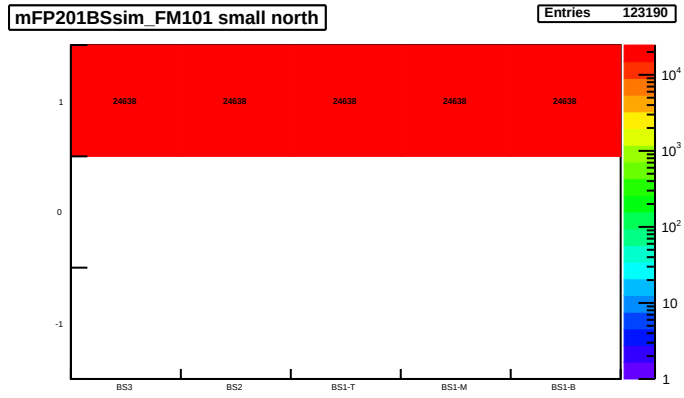

mFM104J -- South -- Bottom -- FM012
Entries 24638
Unused

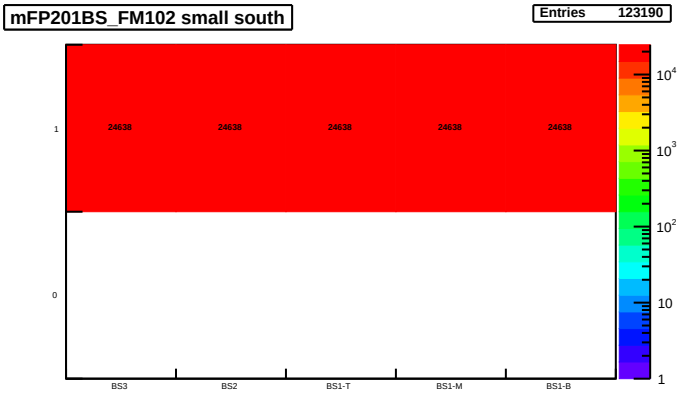

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

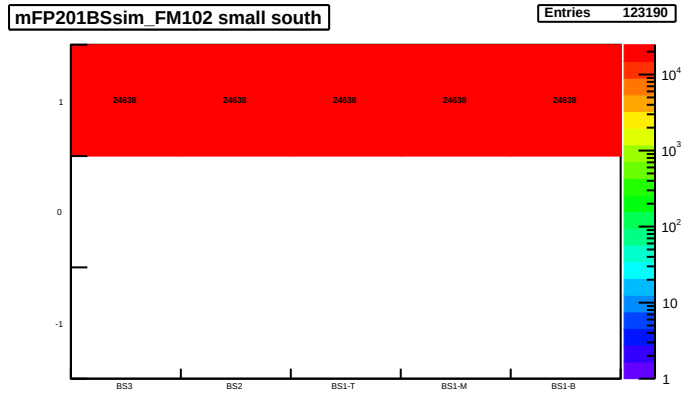
mFM104JP -- South -- Bottom -- FM012
Entries 49276
JP-EF
Unused

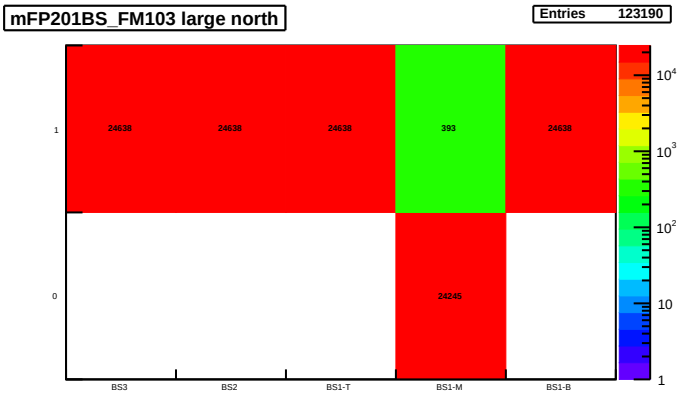
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

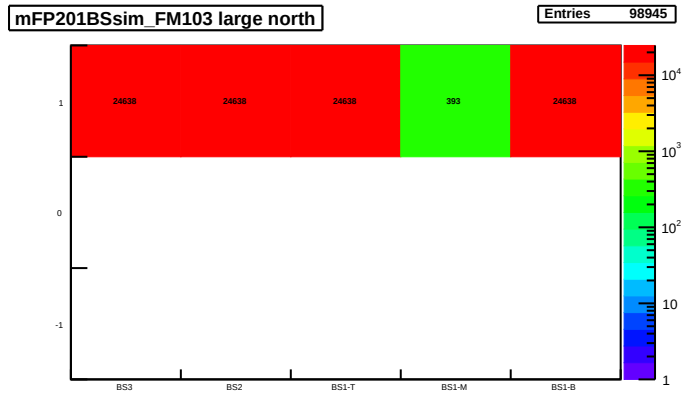

mFP201BS_FM101 small north
Entries 123190
24638
BS3
BS2
BS1-T
BS1-M
BS1-B

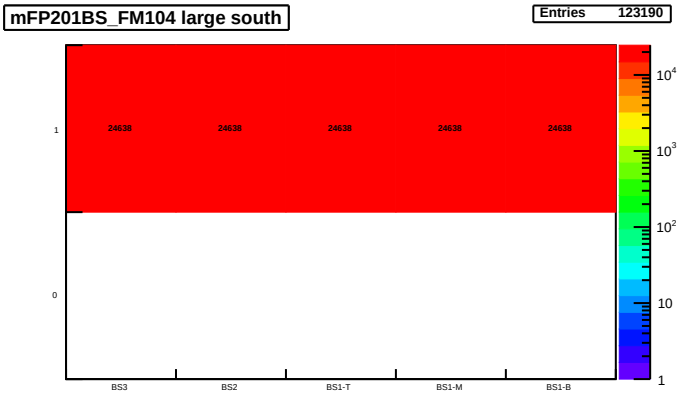

mFP201BSsim_FM101 small north
Entries 123190
24638
BS3
BS2
BS1-T
BS1-M
BS1-B

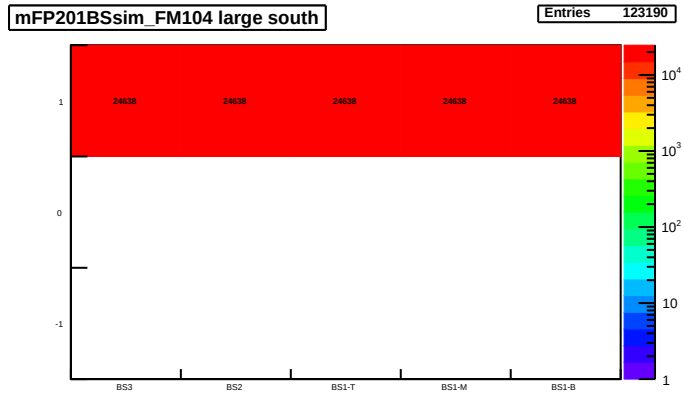

mFP201BS_FM102 small south
Entries 123190
24638
BS3
BS2
BS1-T
BS1-M
BS1-B

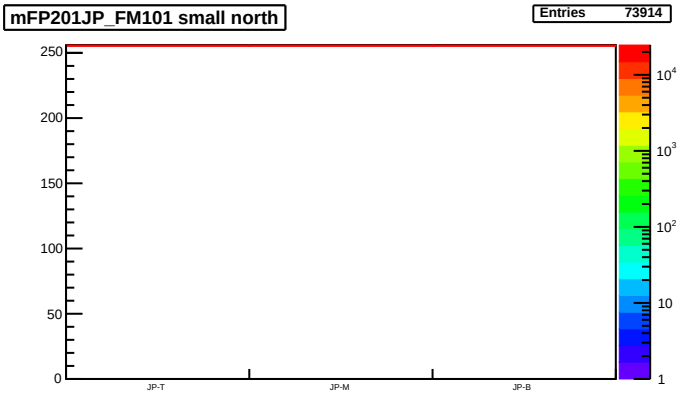

mFP201BSsim_FM102 small south
Entries 123190
24638
BS3
BS2
BS1-T
BS1-M
BS1-B

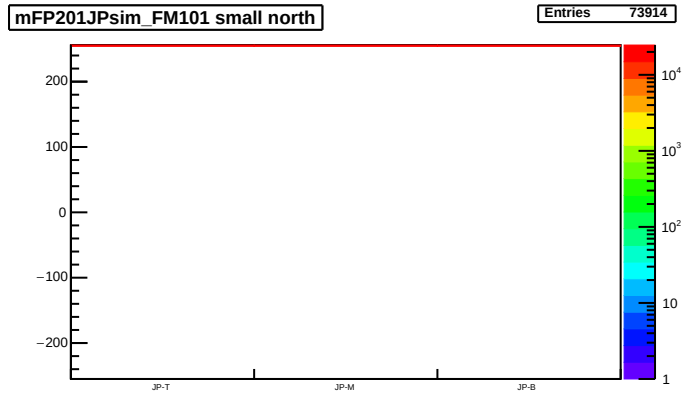

mFP201BS_FM103 large north
Entries 123190
24638
393
24245
BS3
BS2
BS1-T
BS1-M
BS1-B

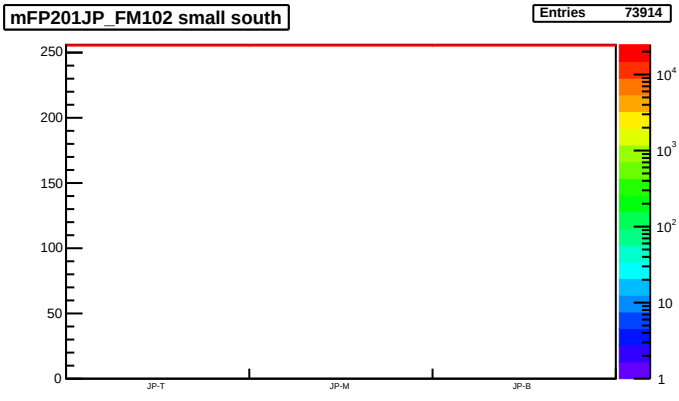

mFP201BSsim_FM103 large north
Entries 98945
24638
393
BS3
BS2
BS1-T
BS1-M
BS1-B

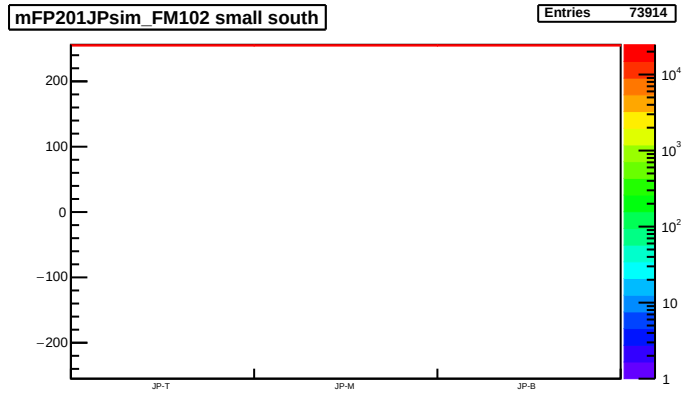

mFP201BS_FM104 large south
Entries 123190
24638
BS3
BS2
BS1-T
BS1-M
BS1-B

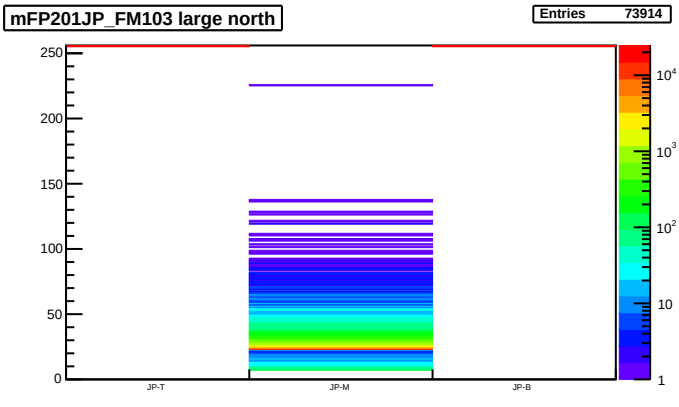

mFP201BSsim_FM104 large south
Entries 123190
24638
BS3
BS2
BS1-T
BS1-M
BS1-B

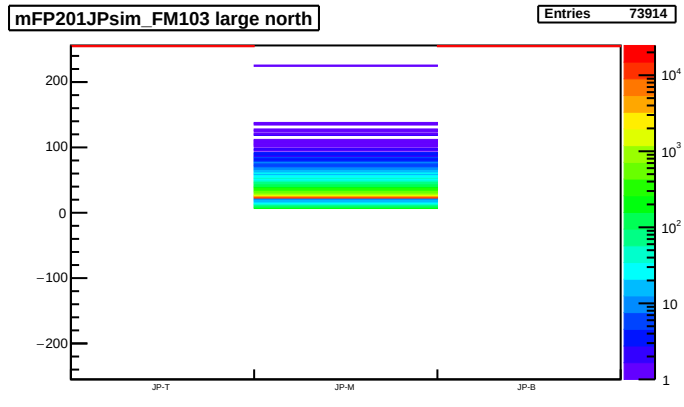

mFP201JP_FM101 small north
Entries 73914
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

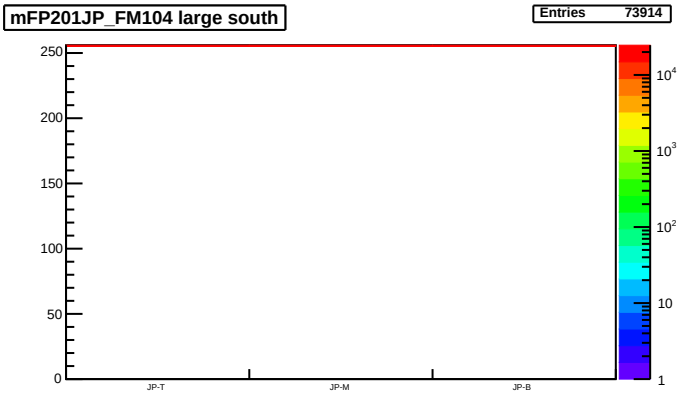

mFP201JPsim_FM101 small north
Entries 73914
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

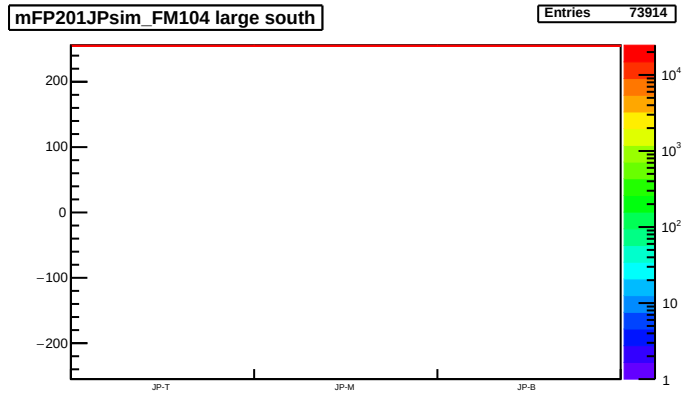

mFP201JP_FM102 small south
Entries 73914
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

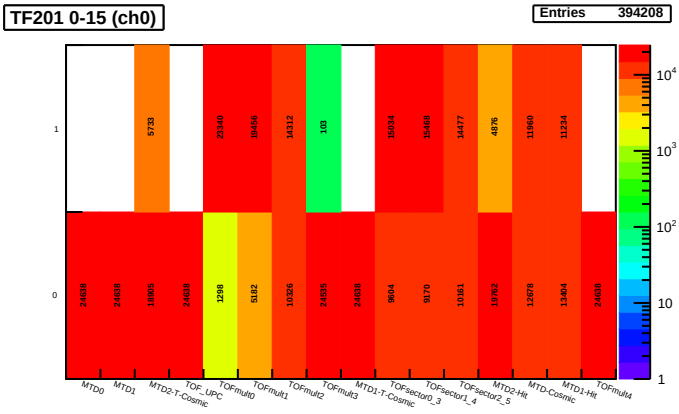

mFP201JPsim_FM102 small south
Entries 73914
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

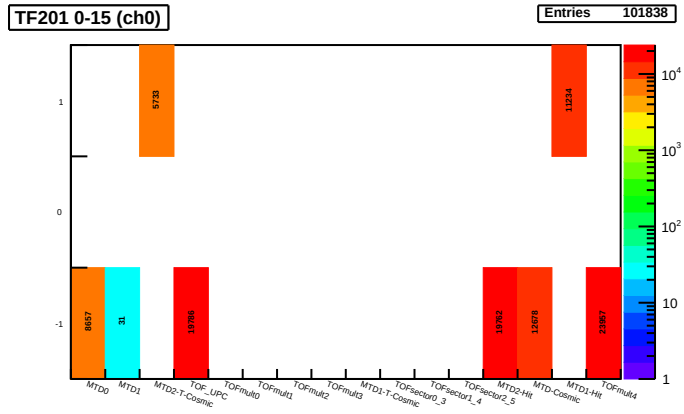

mFP201JP_FM103 large north
Entries 73914
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

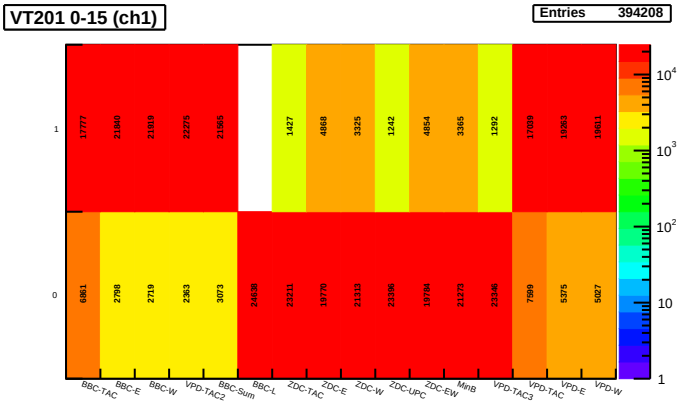

mFP201JPsim_FM103 large north
Entries 73914
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

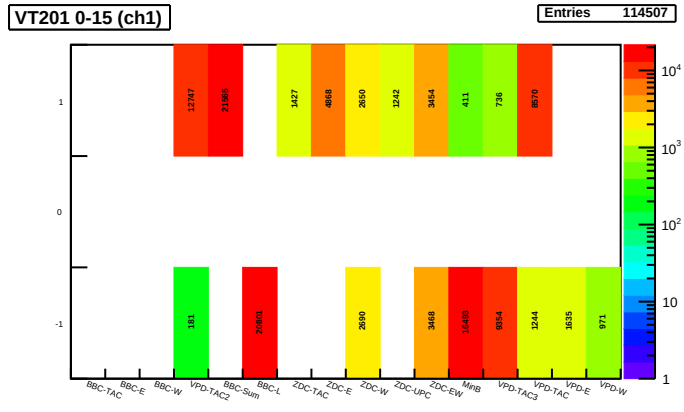

mFP201JP_FM104 large south
Entries 73914
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

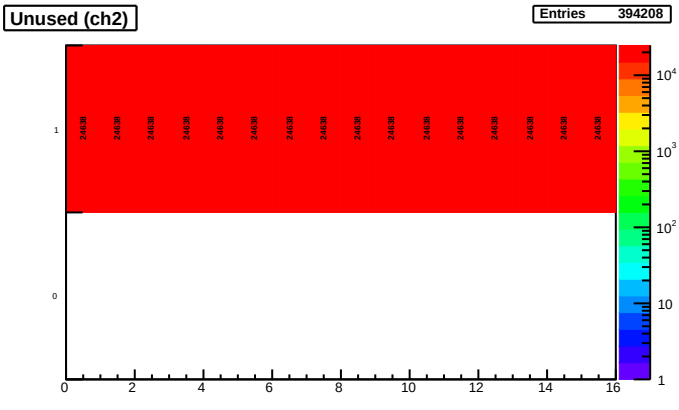

mFP201JPsim_FM104 large south
Entries 73914
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

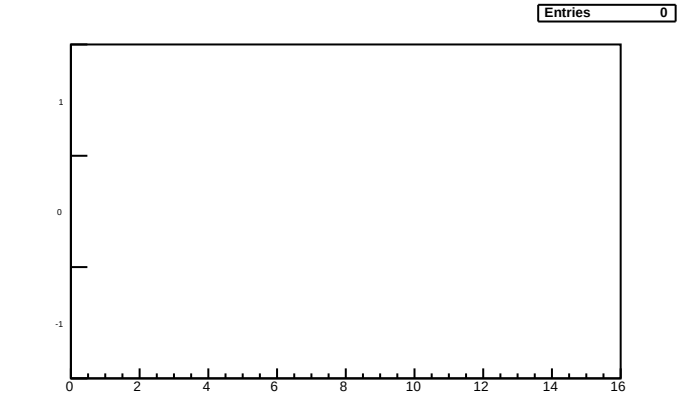

TF201 0-15 (ch0)
Entries 394208
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

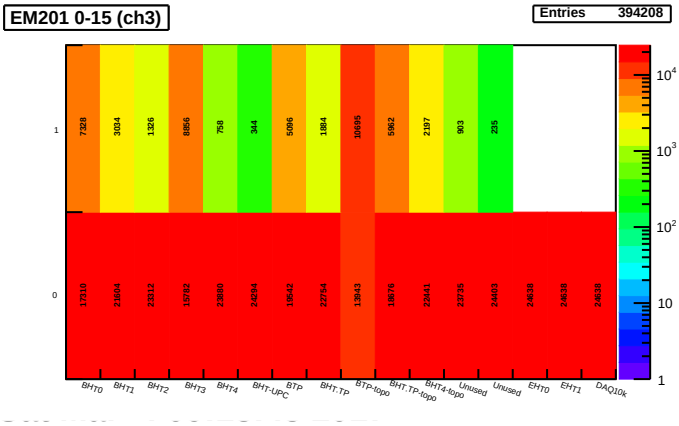

TF201 0-15 (ch0)
Entries 101838
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

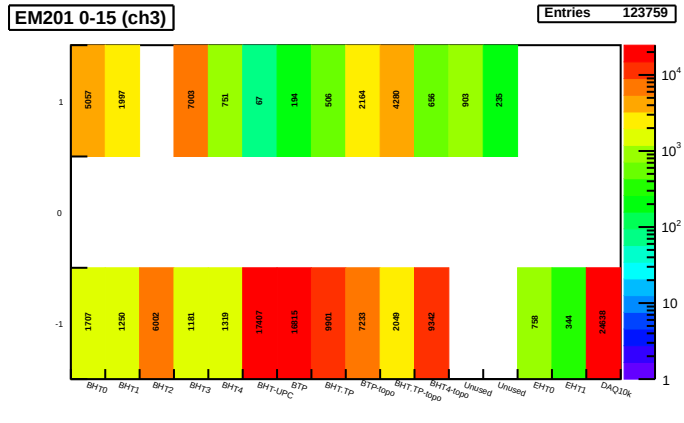

VT201 0-15 (ch1)
Entries 394208
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W


VT201 0-15 (ch1)
Entries 114507
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

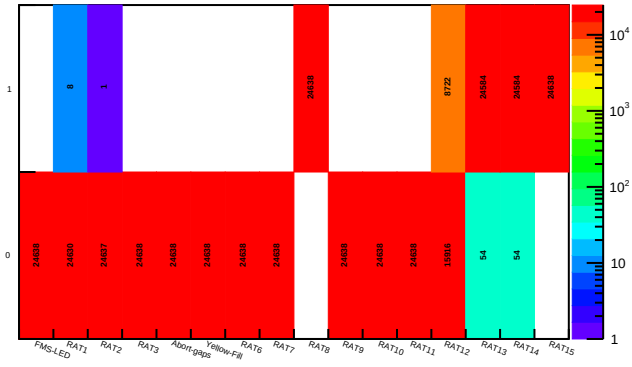

Unused (ch2)
Entries 394208

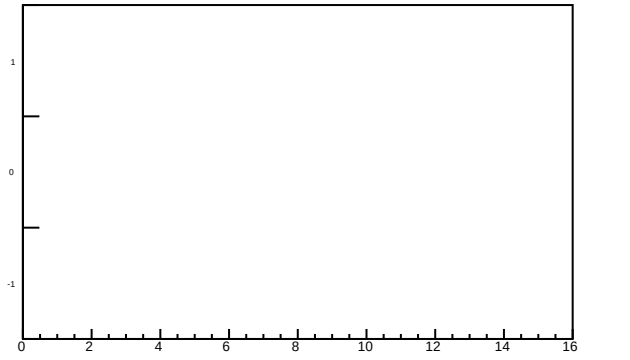

Entries 0


EM201 0-15 (ch3)
Entries 394208
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

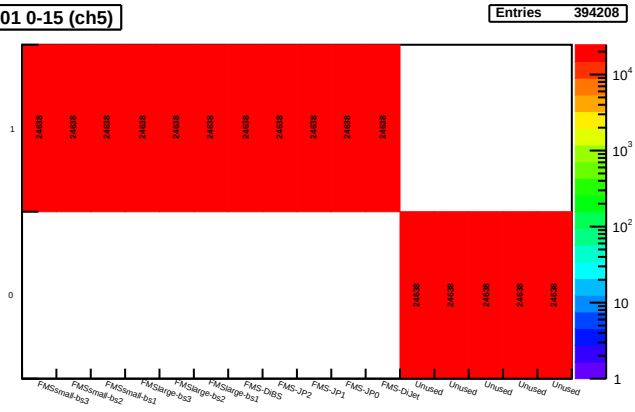

EM201 0-15 (ch3)
Entries 123759
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

RAT board (ch4)

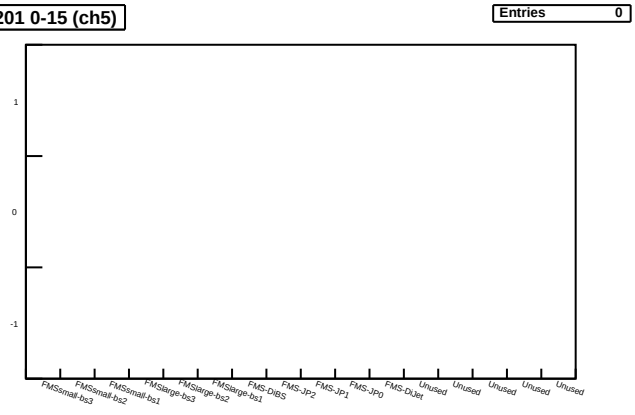




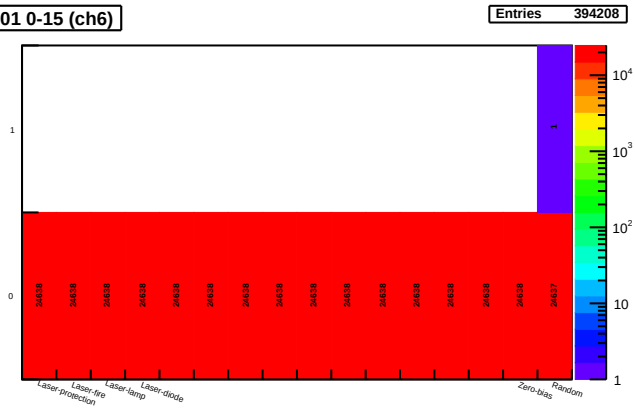
FP201 0-15 (ch5)

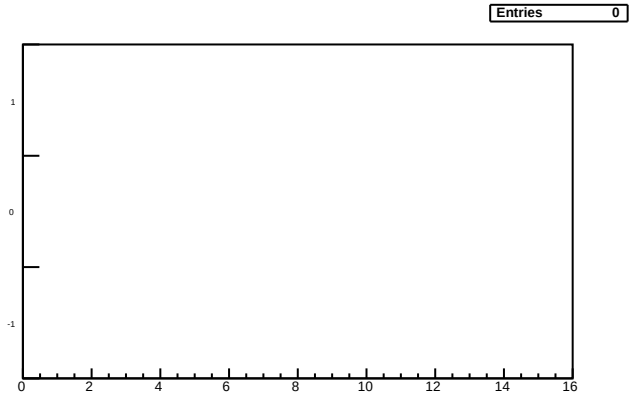
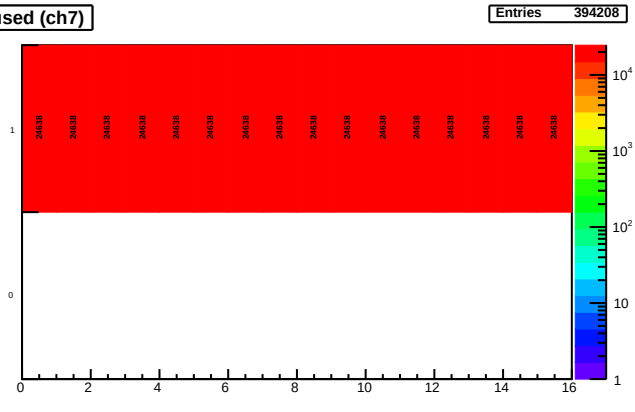
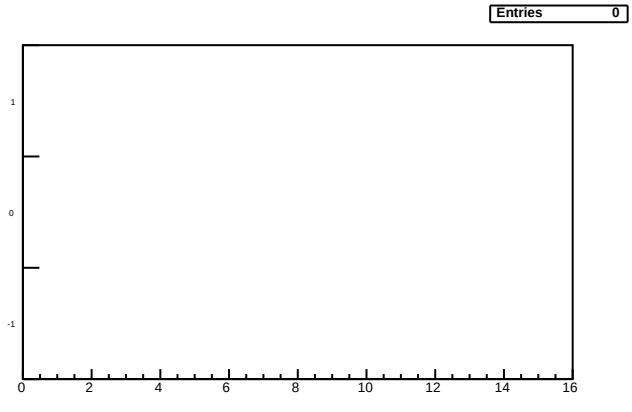


FP201 0-15 (ch5)



ST201 0-15 (ch6)





Unused (ch7)