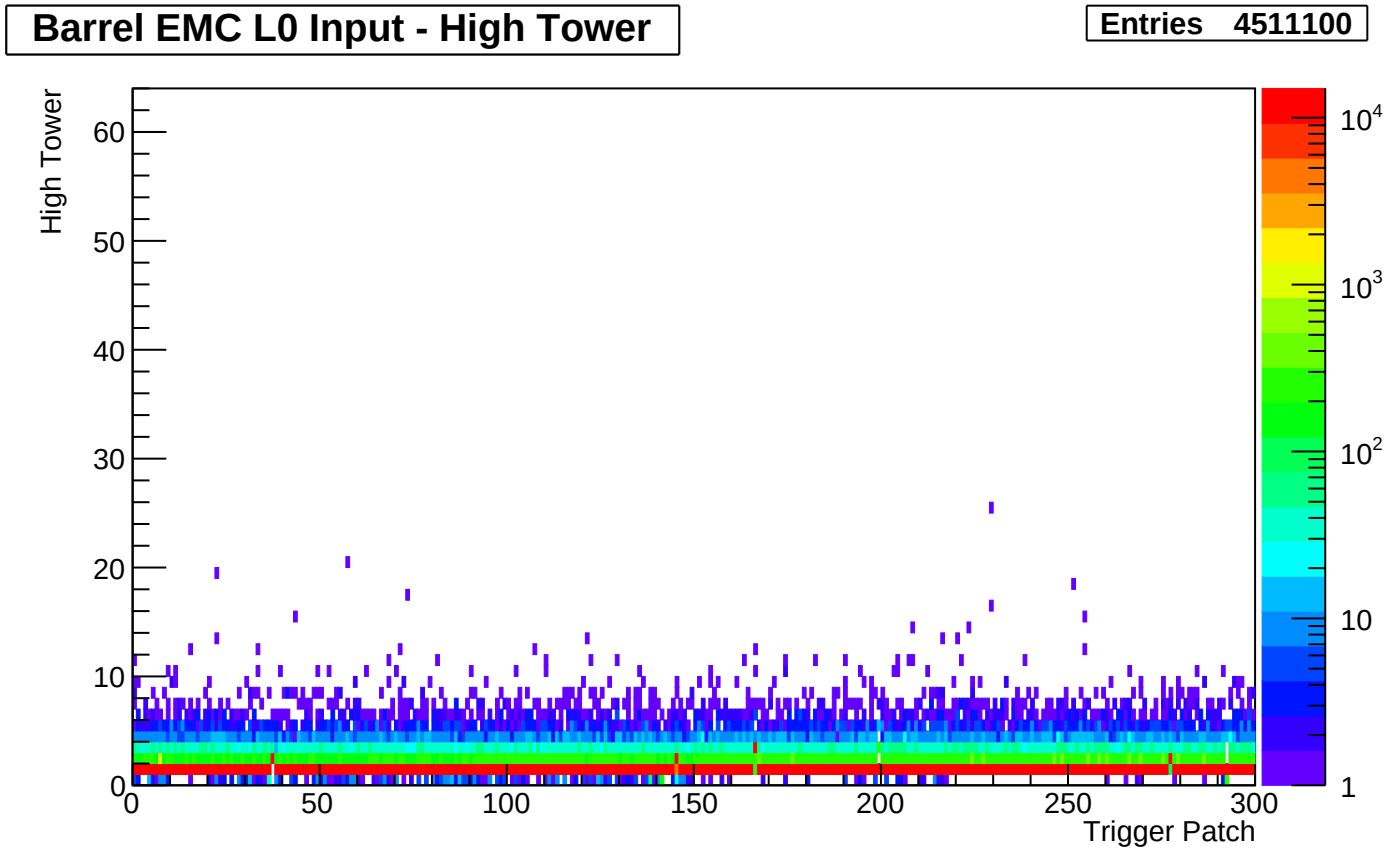
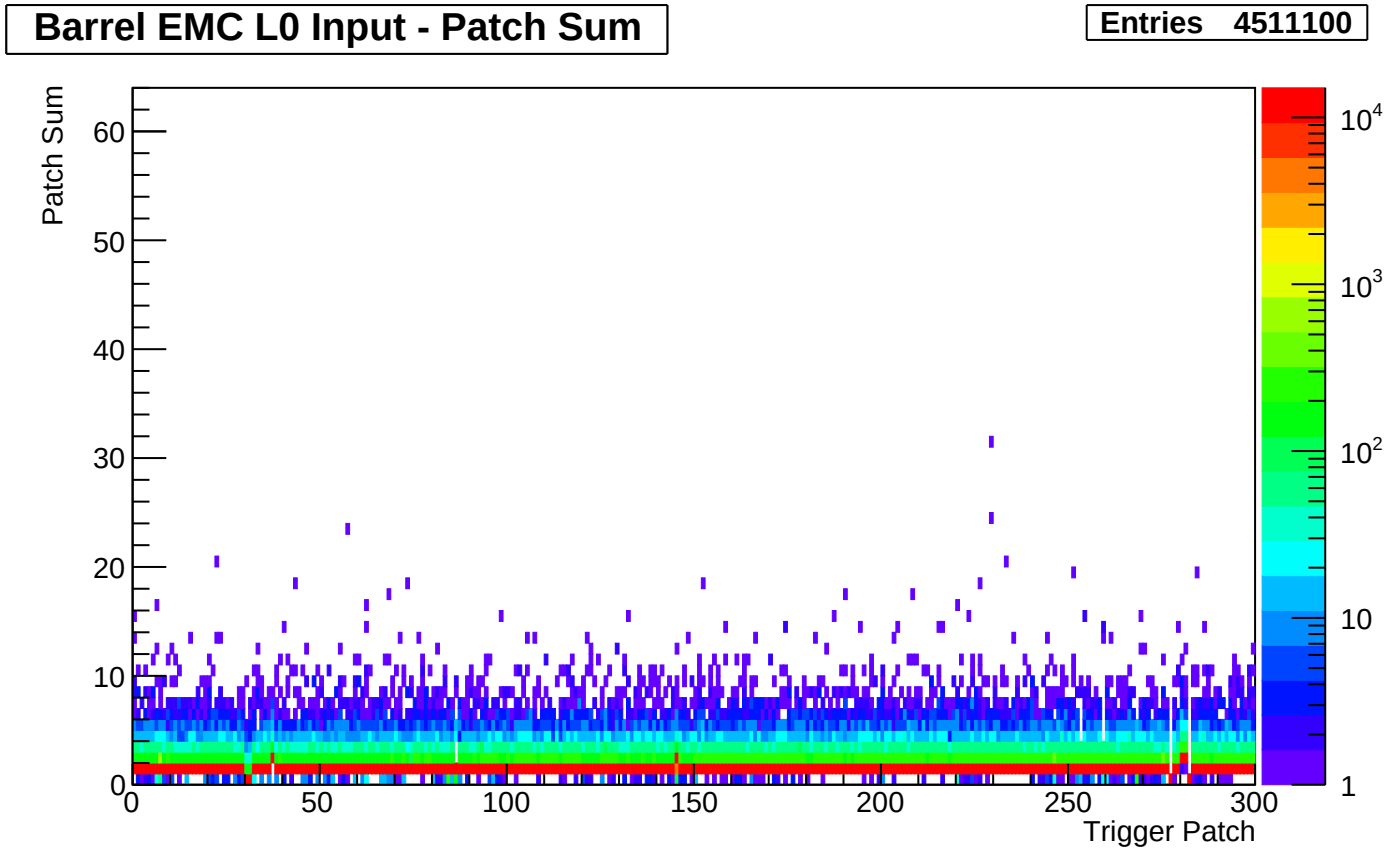
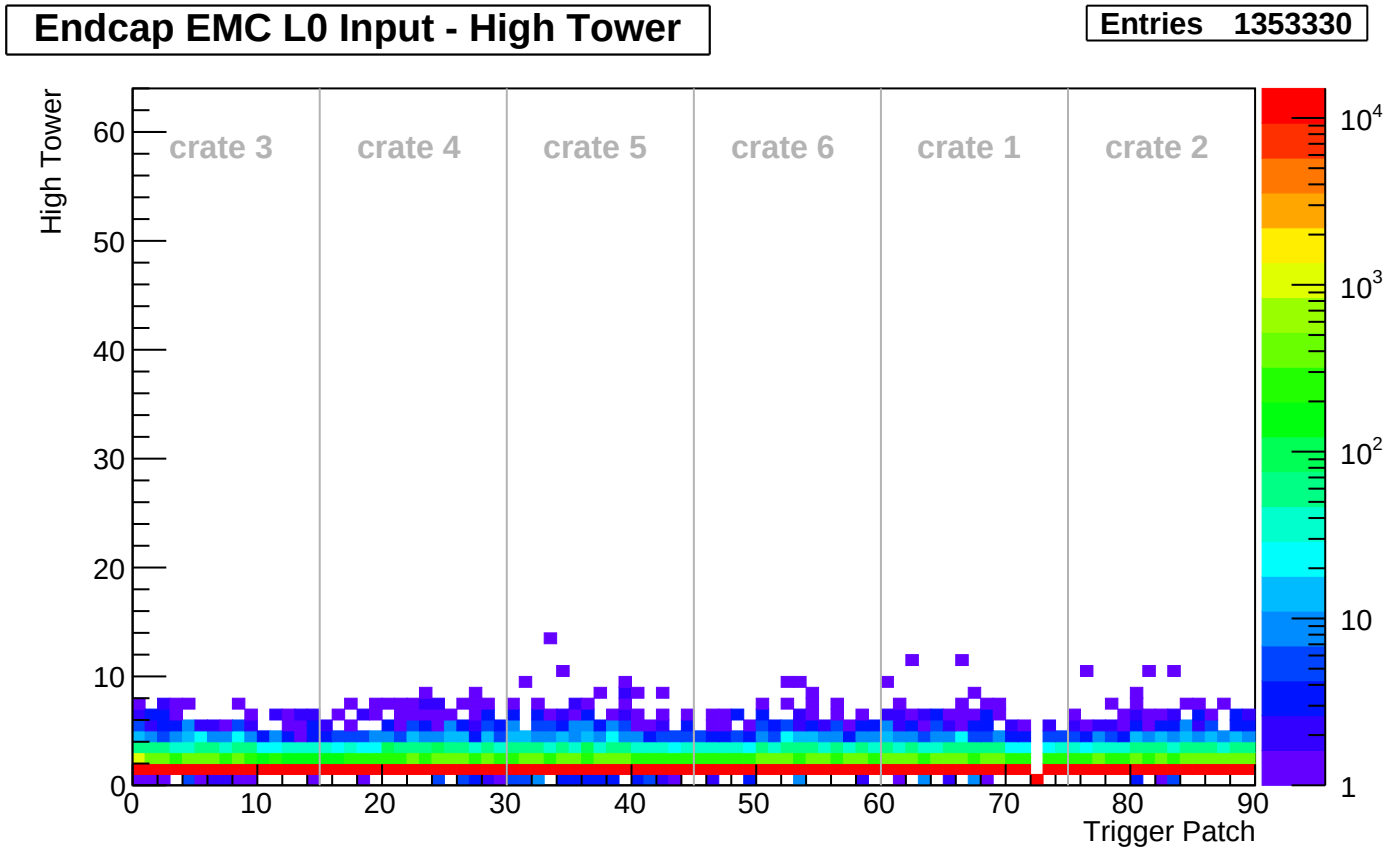
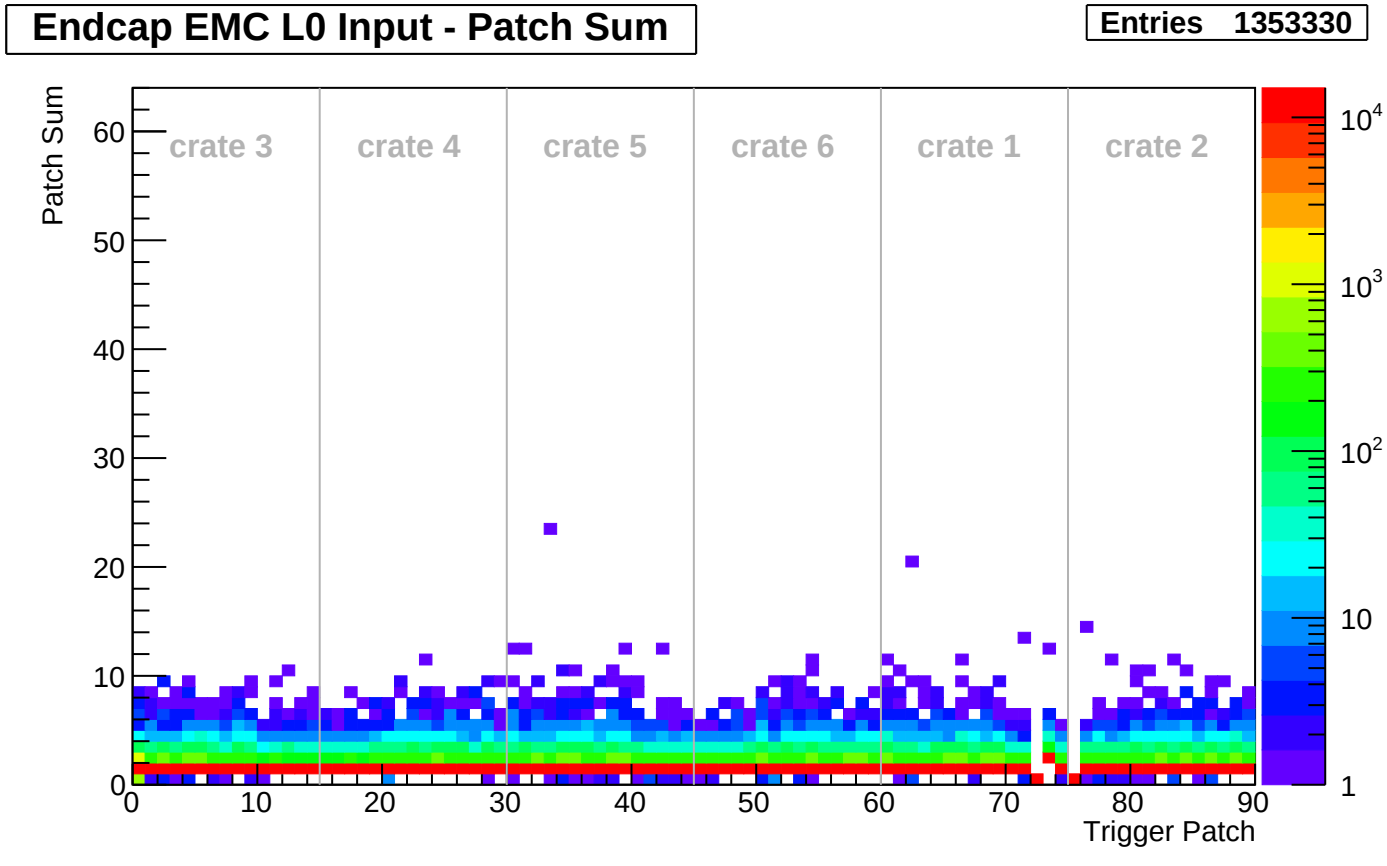
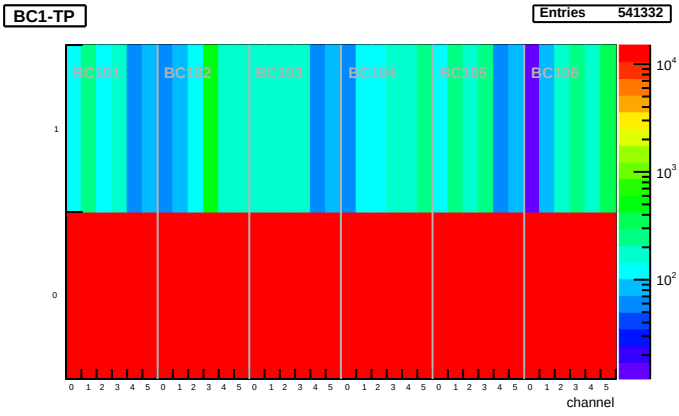
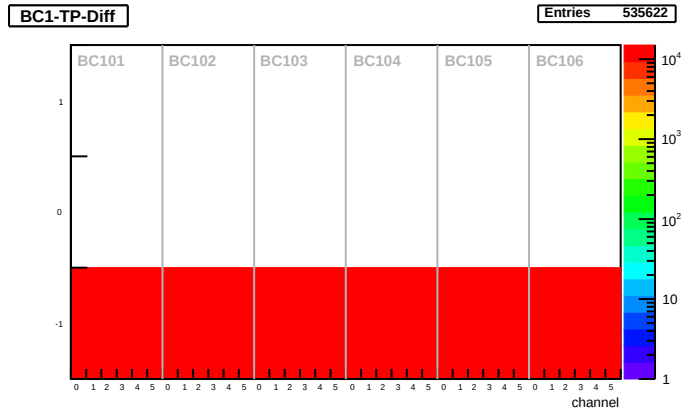

Barrel EMC L0 Input - High Tower
Entries 4511100
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

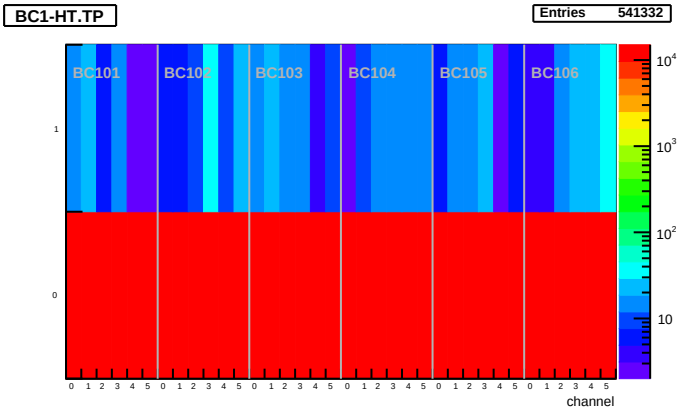

Barrel EMC L0 Input - Patch Sum
Entries 4511100
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

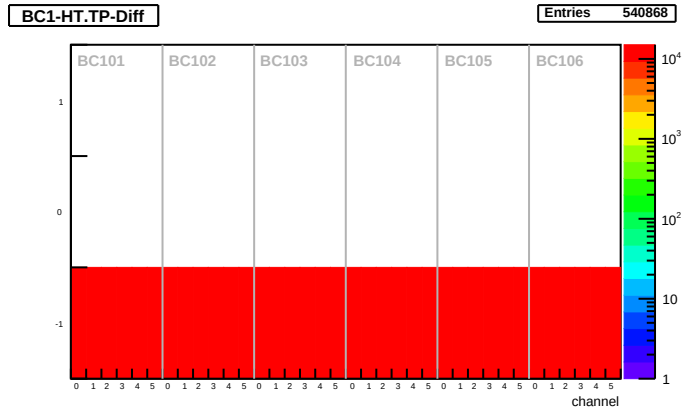

Endcap EMC L0 Input - High Tower
Entries 1353330
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3
10^4

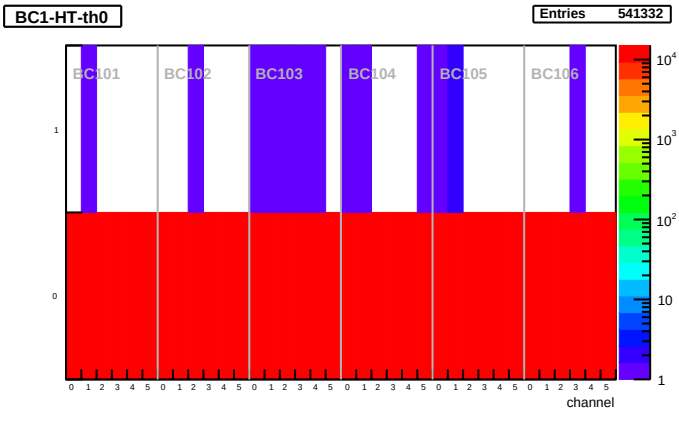

Endcap EMC L0 Input - Patch Sum
Entries 1353330
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3
10^4

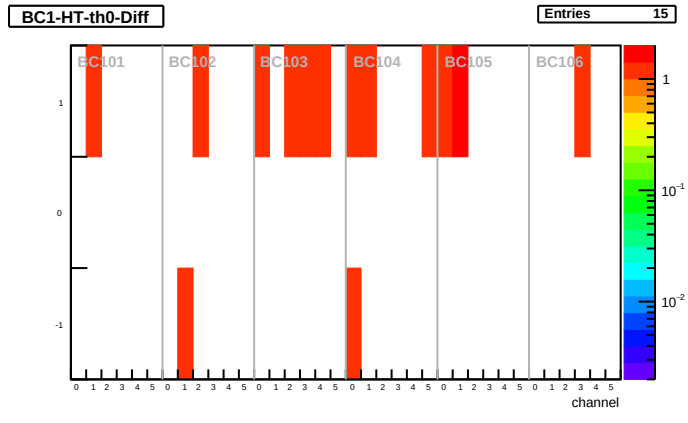

BC1-TP
Entries 541332
BC101
BC102
BC103
BC104
BC105
BC106
channel

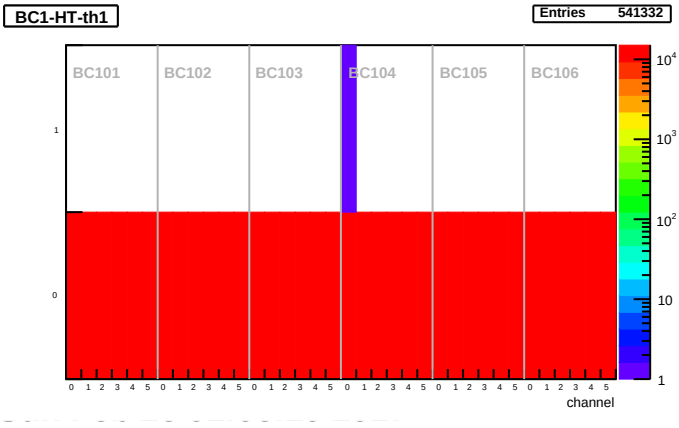

BC1-TP-Diff
Entries 535622
BC101
BC102
BC103
BC104
BC105
BC106
channel

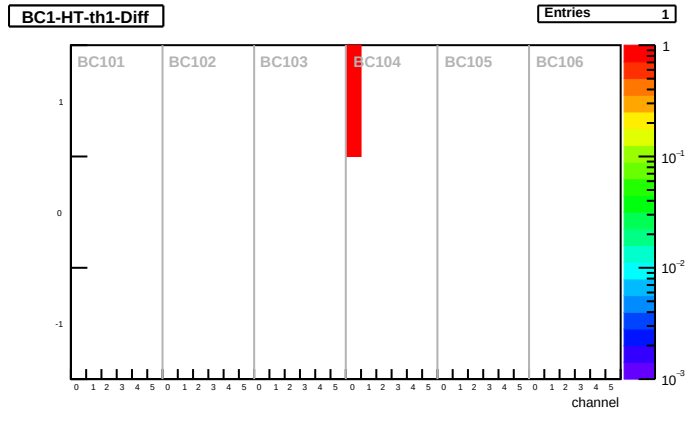

BC1-HT.TP
Entries 541332
BC101
BC102
BC103
BC104
BC105
BC106
channel

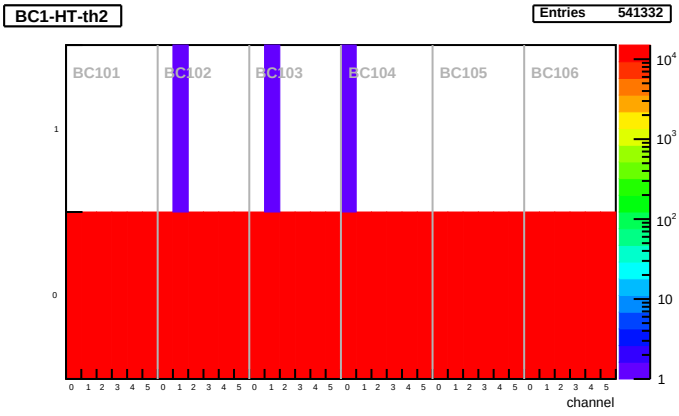

BC1-HT.TP-Diff
Entries 540868
BC101
BC102
BC103
BC104
BC105
BC106
channel

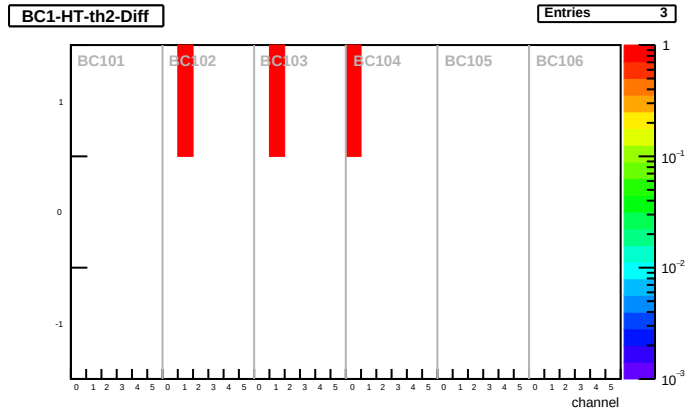

BC1-HT-th0
Entries 541332
BC101
BC102
BC103
BC104
BC105
BC106
channel

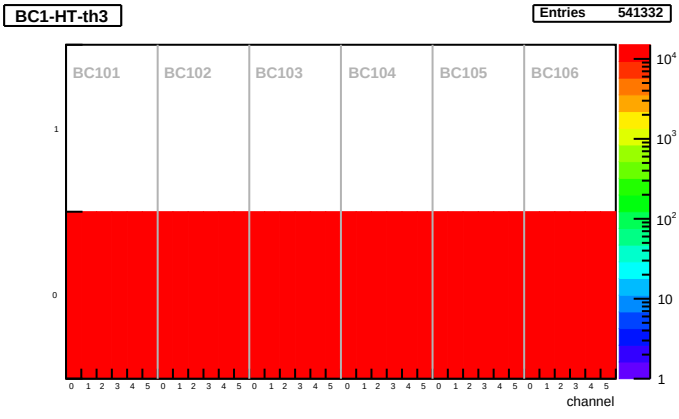

BC1-HT-th0-Diff
Entries 15
BC101
BC102
BC103
BC104
BC105
BC106
channel

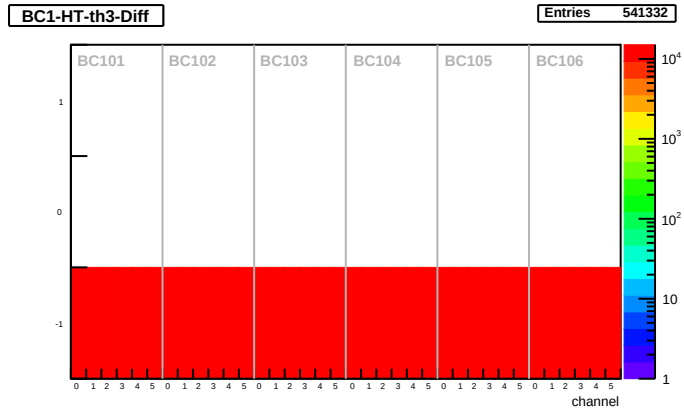

BC1-HT-th1
Entries 541332
BC101
BC102
BC103
BC104
BC105
BC106
channel

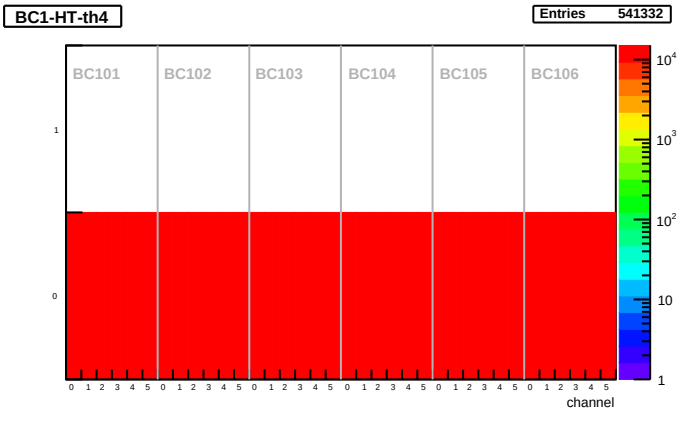

BC1-HT-th1-Diff
Entries 1
BC101
BC102
BC103
BC104
BC105
BC106
channel

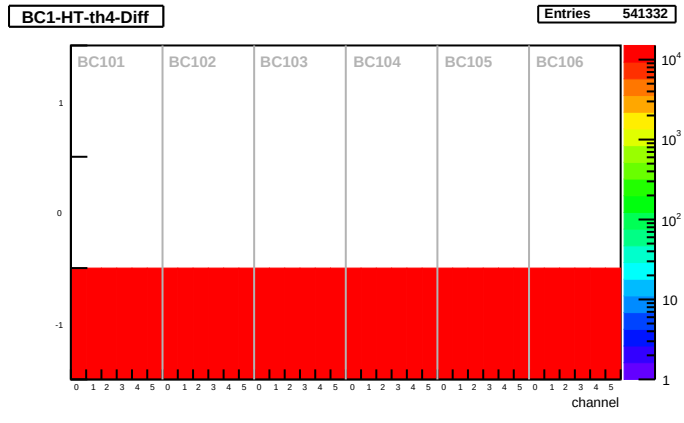

BC1-HT-th2
Entries 541332
BC101
BC102
BC103
BC104
BC105
BC106
channel

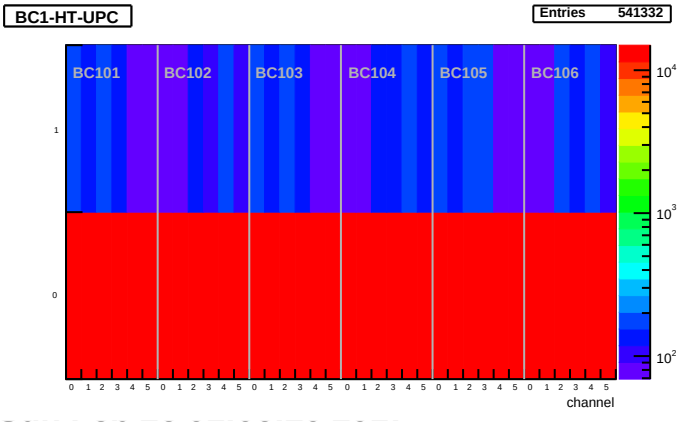

BC1-HT-th2-Diff
Entries 3
BC101
BC102
BC103
BC104
BC105
BC106
channel

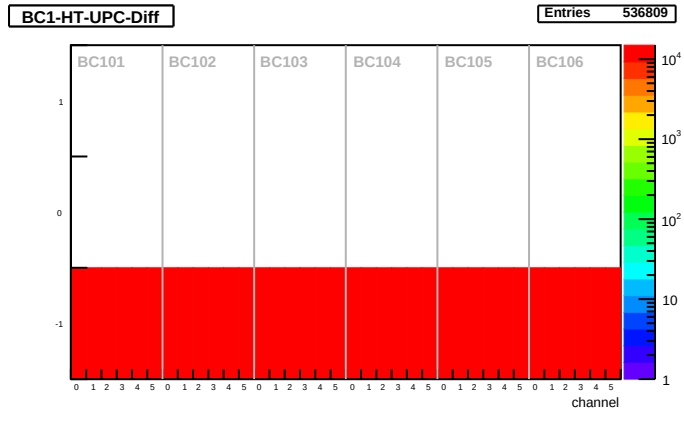

BC1-HT-th3
Entries 541332
BC101
BC102
BC103
BC104
BC105
BC106
channel

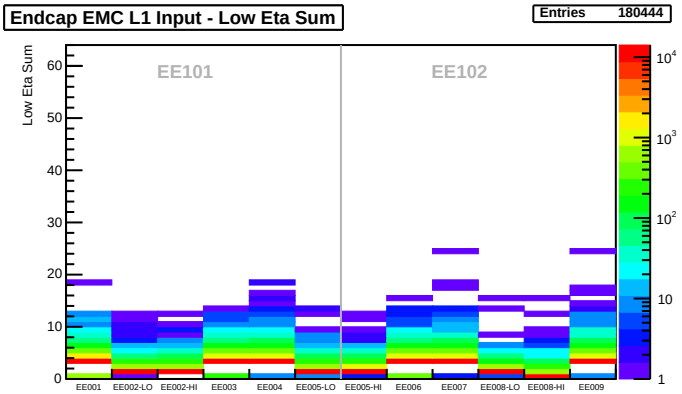

BC1-HT-th3-Diff
Entries 541332
BC101
BC102
BC103
BC104
BC105
BC106
channel

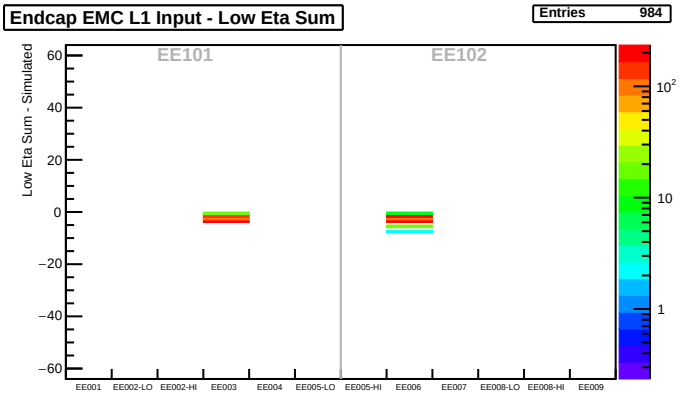

BC1-HT-th4
Entries 541332
BC101
BC102
BC103
BC104
BC105
BC106
channel

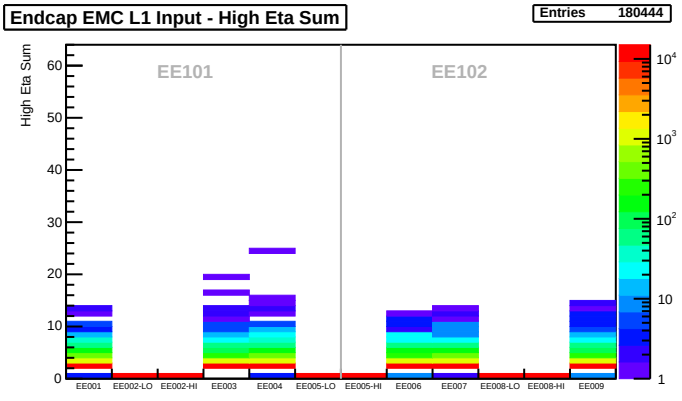

BC1-HT-th4-Diff
Entries 541332
BC101
BC102
BC103
BC104
BC105
BC106
channel

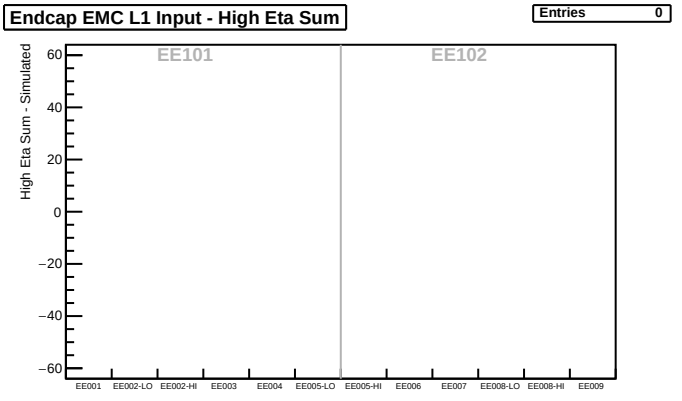

BC1-HT-UPC
Entries 541332
BC101
BC102
BC103
BC104
BC105
BC106
channel

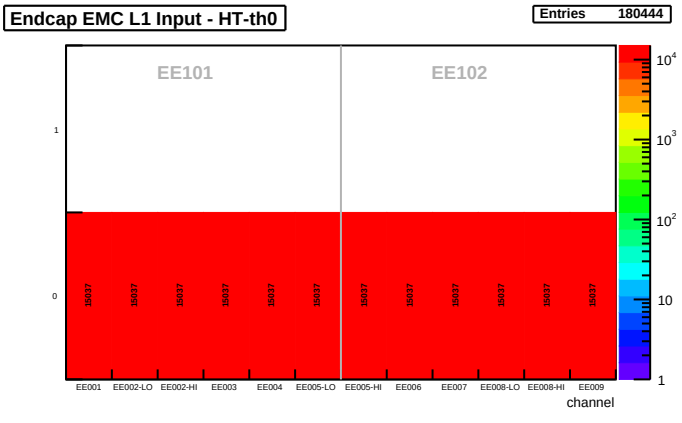

BC1-HT-UPC-Diff
Entries 536809
BC101
BC102
BC103
BC104
BC105
BC106
channel

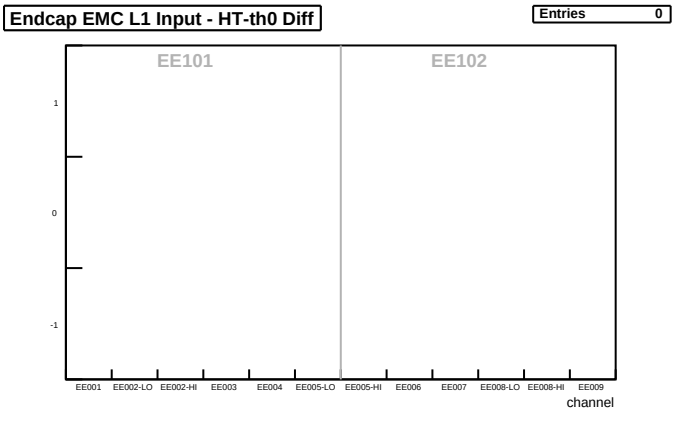

Endcap EMC L1 Input - Low Eta Sum
Entries 180444
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

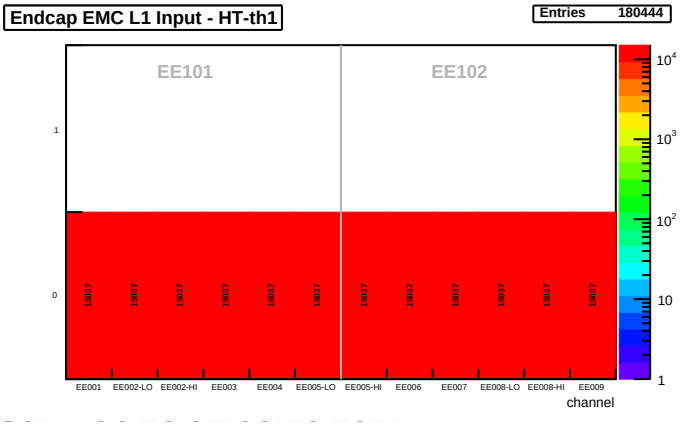

Endcap EMC L1 Input - Low Eta Sum
Entries 984
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

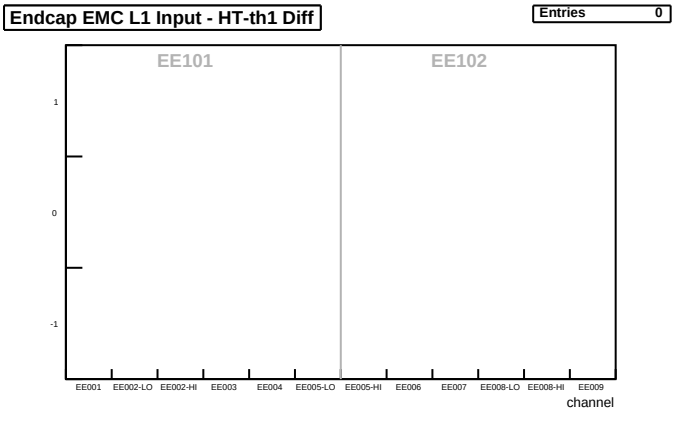

Endcap EMC L1 Input - High Eta Sum
Entries 180444
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

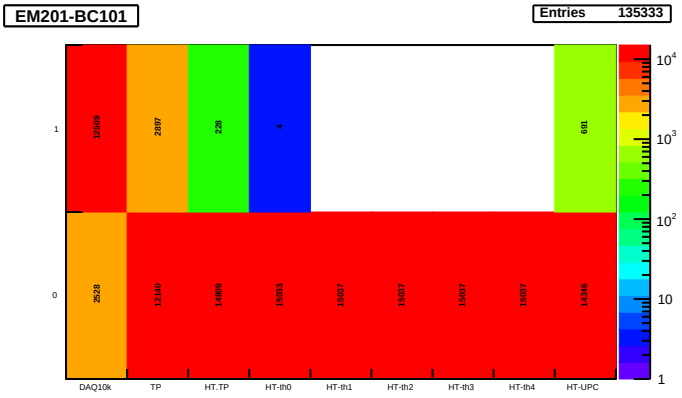

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

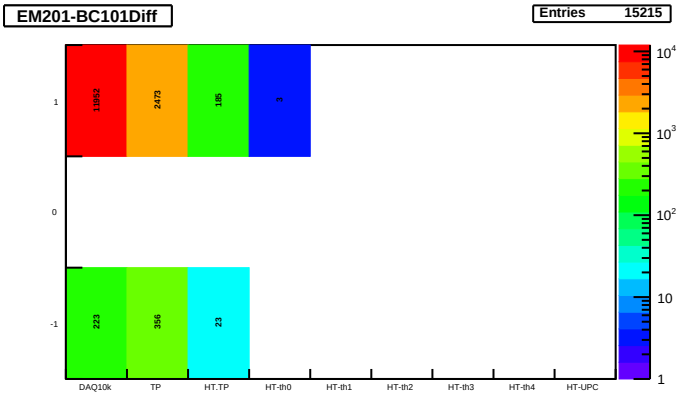

Endcap EMC L1 Input - HT-th0
Entries 180444
EE101
EE102
15037
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

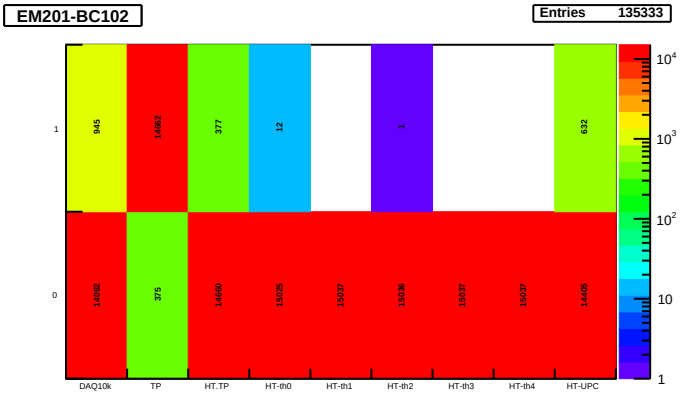

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

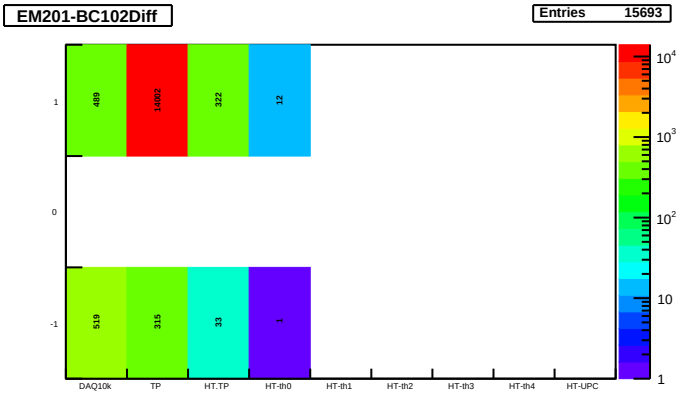

Endcap EMC L1 Input - HT-th1
Entries 180444
EE101
EE102
15037
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

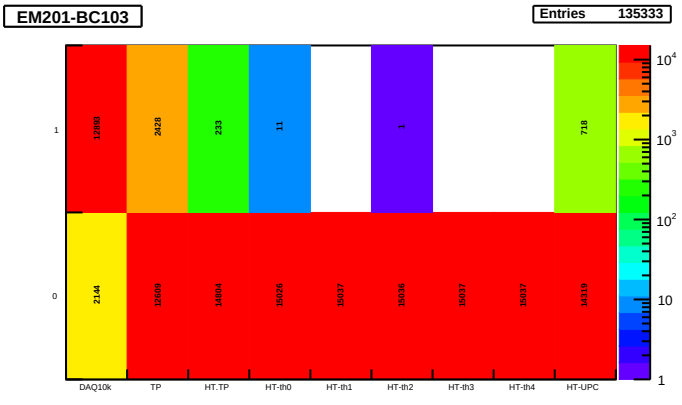

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

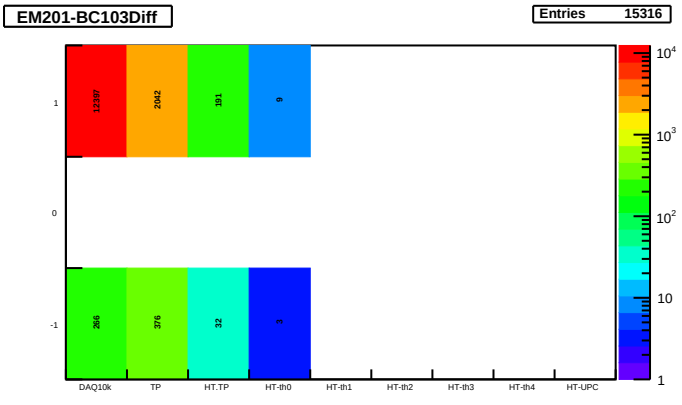

EM201-BC101
Entries 135333
1
0
12509
2897
228
4
691
2528
12140
14809
15033
15037
15037
15037
15037
14346
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

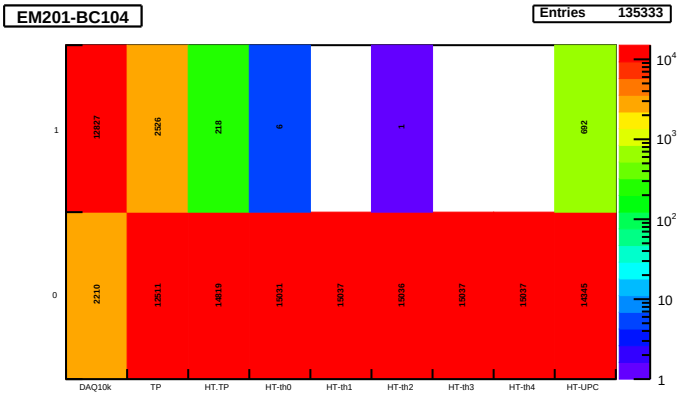

EM201-BC101Diff
Entries 15215
1
0
-1
11952
2473
185
3
223
356
23
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

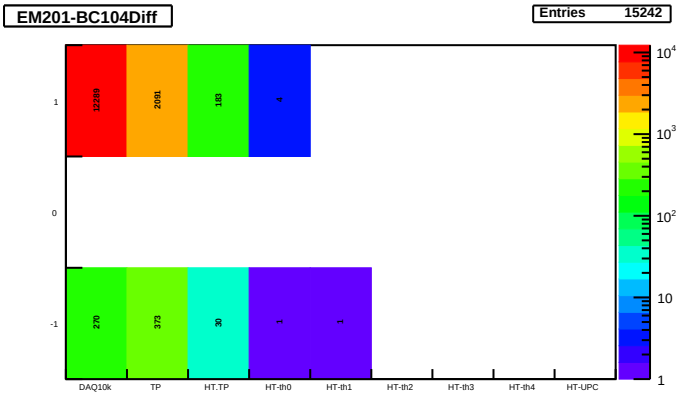

EM201-BC102
Entries 135333
1
0
945
14662
377
12
1
632
14092
375
14660
15025
15037
15036
15037
15037
14405
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC102Diff
Entries 15693
1
0
-1
489
14002
322
12
519
315
33
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

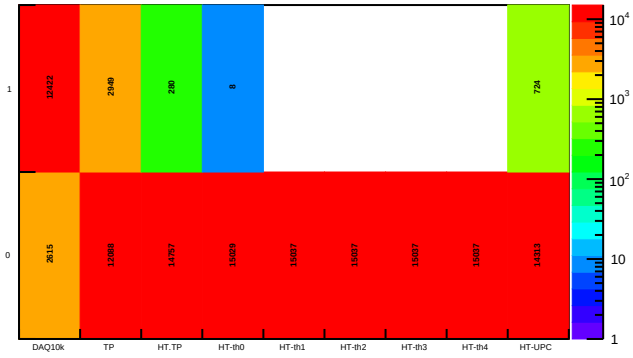

EM201-BC103
Entries 135333
1
0
12593
2428
233
11
1
718
2144
12609
14804
15026
15037
15036
15037
15037
14319
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC103Diff
Entries 15316
1
0
-1
12397
2042
191
9
266
376
32
3
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

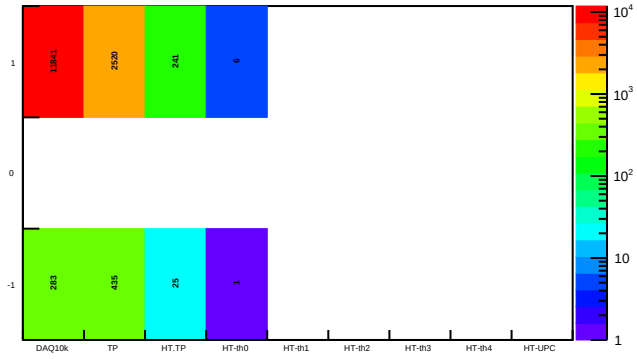

EM201-BC104
Entries 135333
1
0
12827
2526
218
6
1
692
2210
12511
14819
15031
15037
15036
15037
15037
14345
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC104Diff
Entries 15242
1
0
-1
12289
2091
182
4
270
373
30
1
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

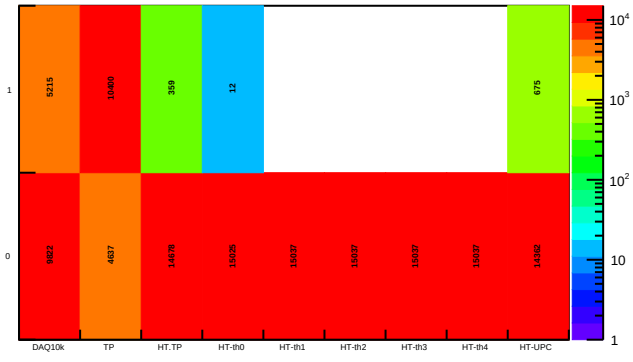
EM201-BC105 Entries 135333



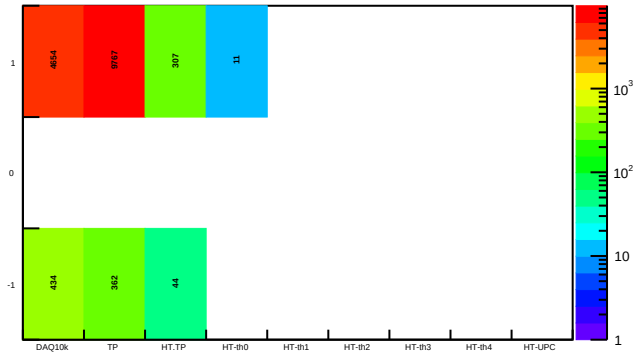
EM201-BC105Diff Entries 15352



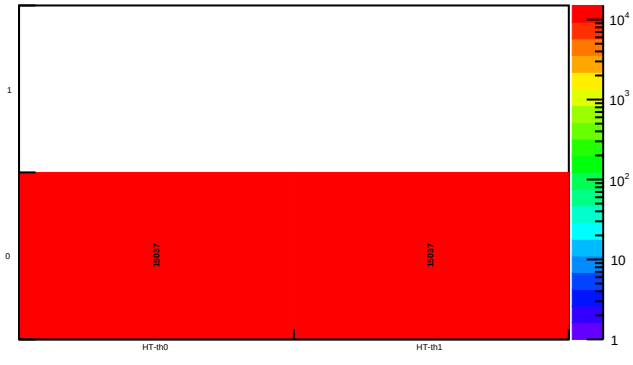
EM201-BC106 Entries 135333



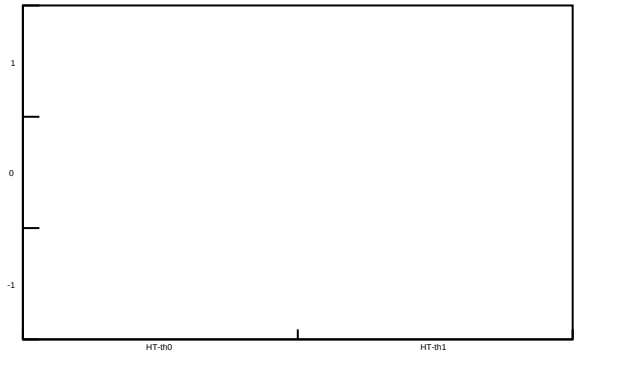
EM201-BC106Diff Entries 15579



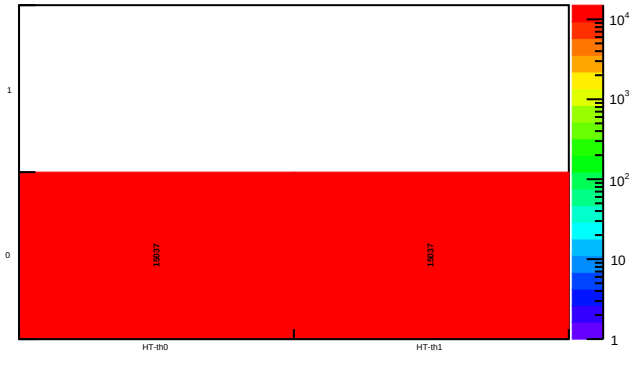
EM201-EE101 Entries 30074



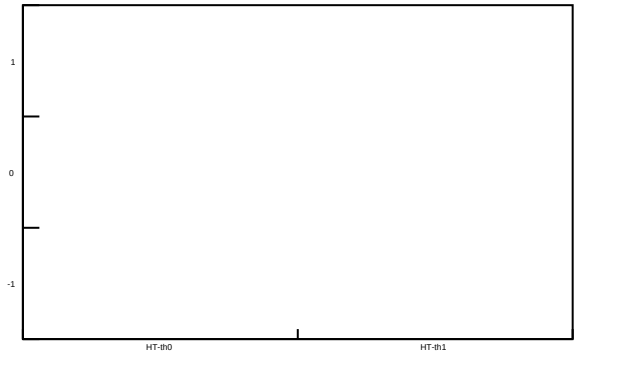
EM201-EE101Diff Entries 0

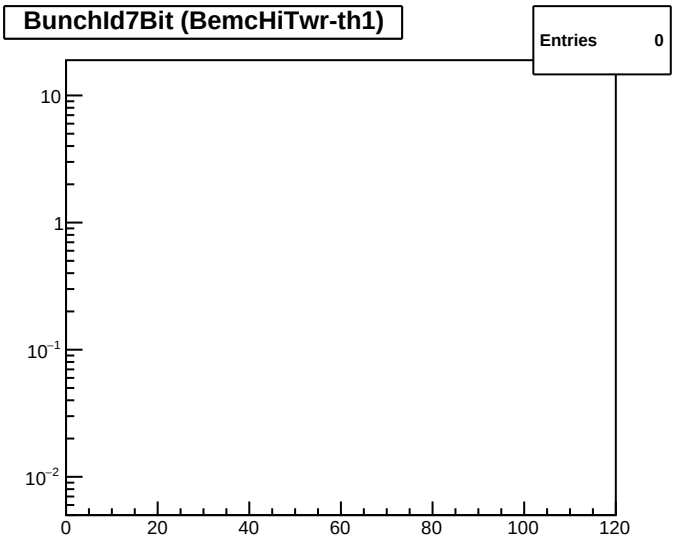


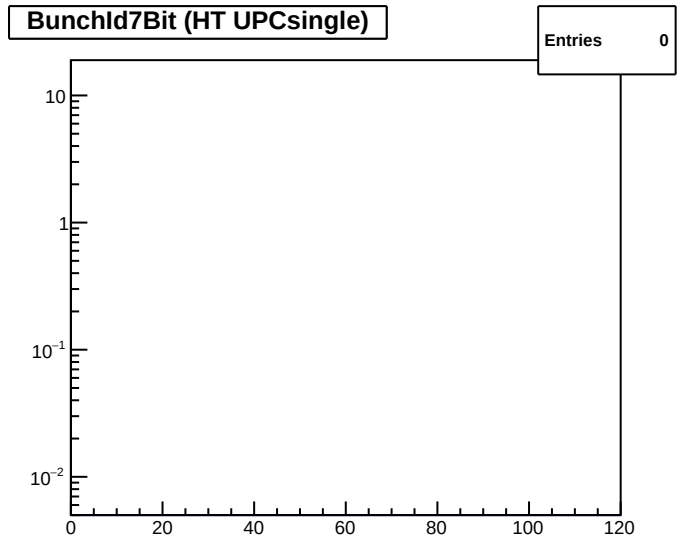
EM201-EE102 Entries 30074

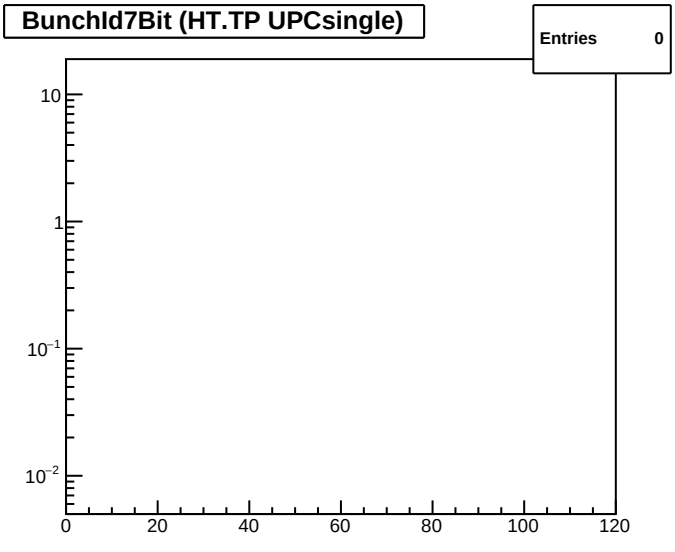


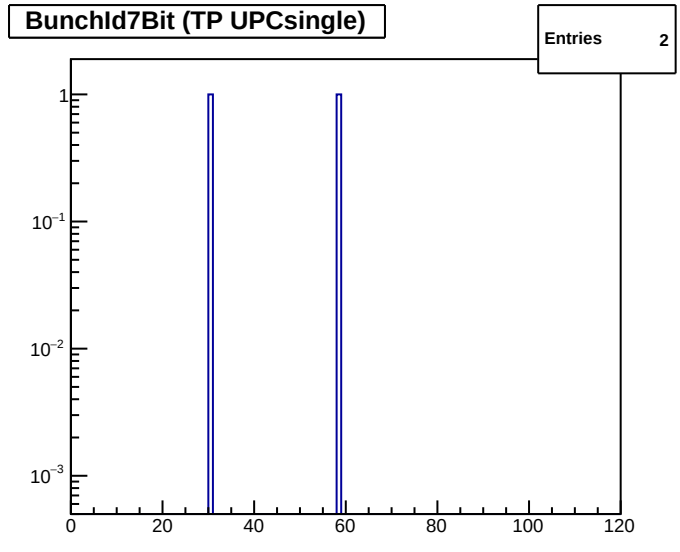
EM201-EE102Diff Entries 0

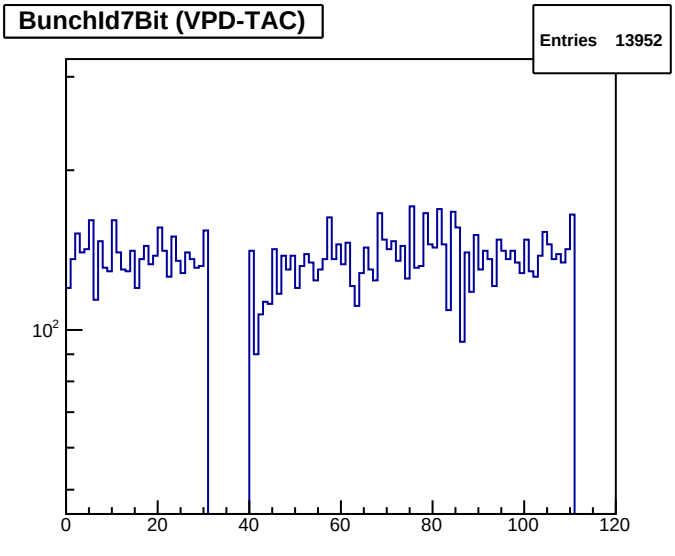


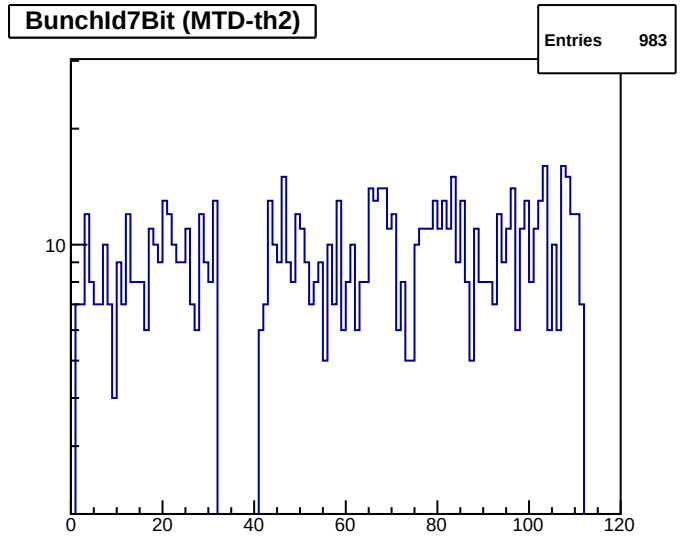

BunchId7Bit (BemcHiTwr-th1)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

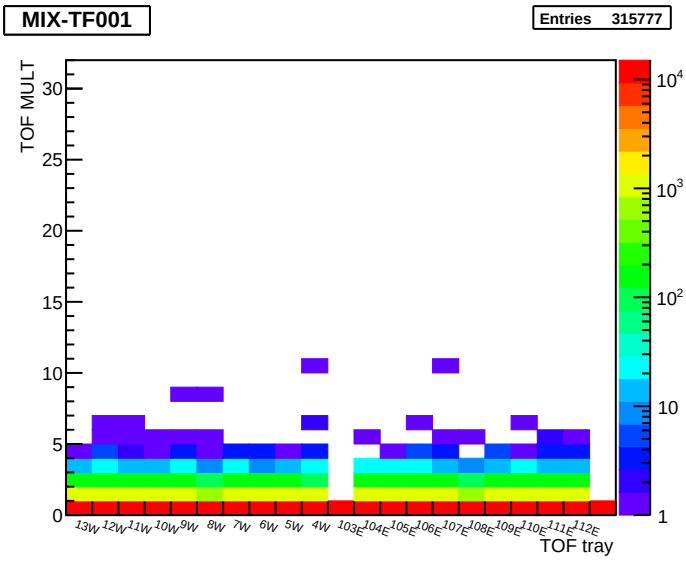

BunchId7Bit (HT UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

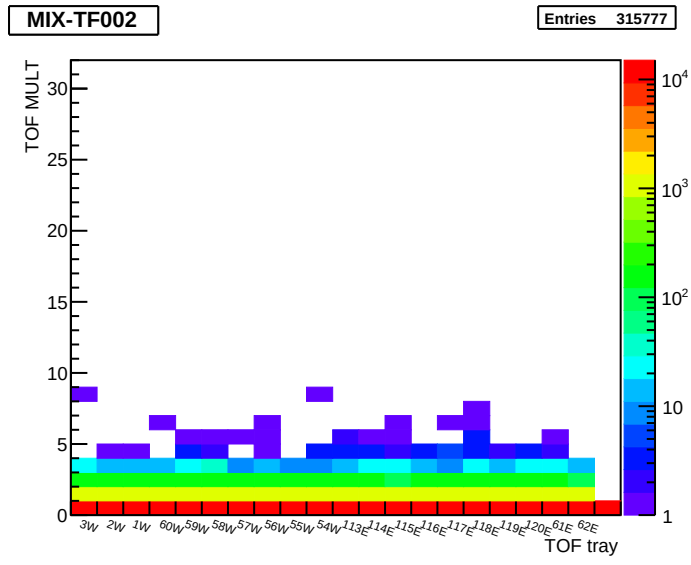

BunchId7Bit (HT.TP UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

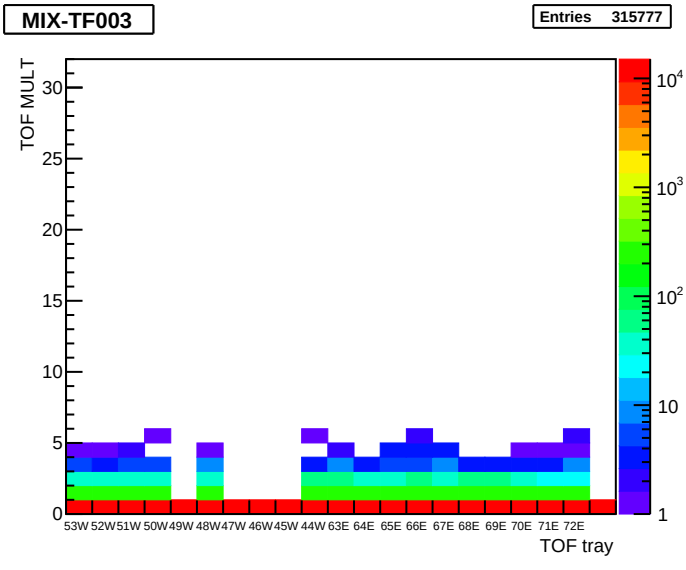

BunchId7Bit (TP UPCsingle)
Entries 2
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

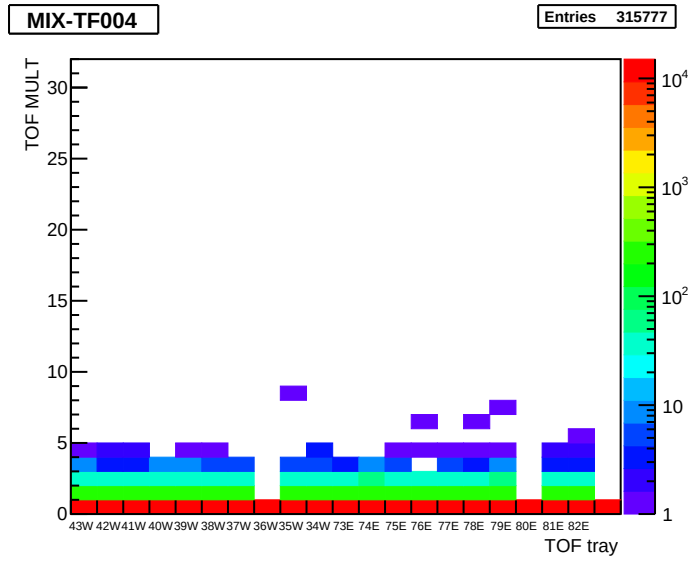

BunchId7Bit (VPD-TAC)
Entries 13952
10^{2}
0 20 40 60 80 100 120

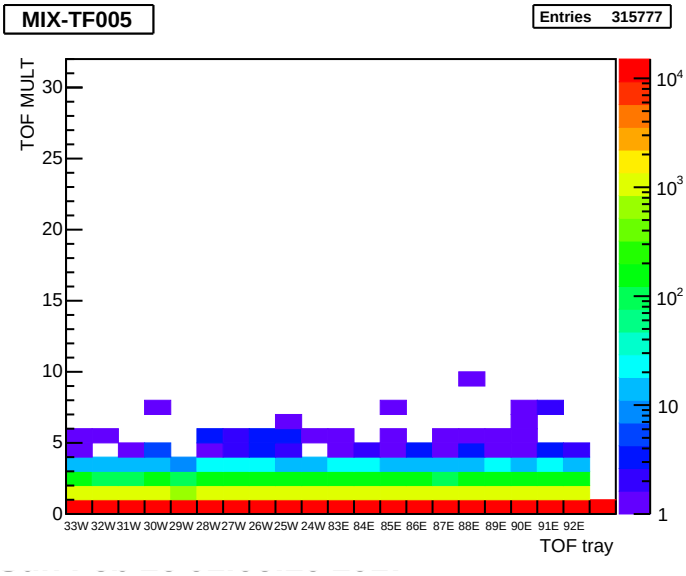

BunchId7Bit (MTD-th2)
Entries 983
10
0 20 40 60 80 100 120

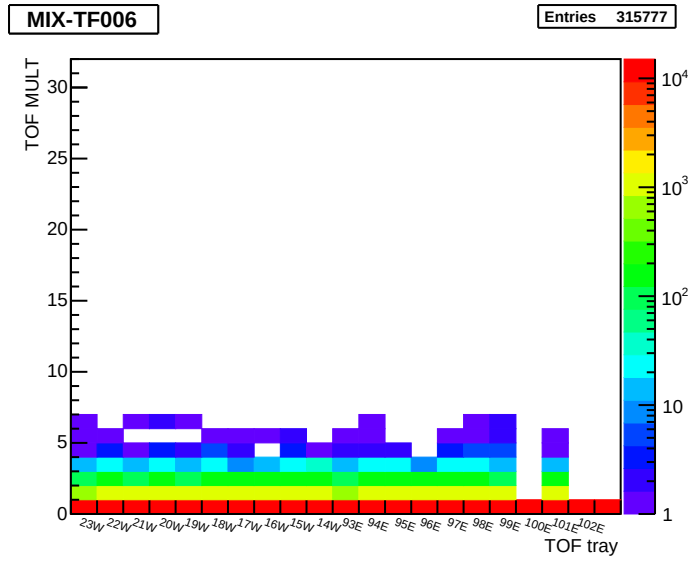

MIX-TF001
Entries 315777
TOF MULT
TOF tray

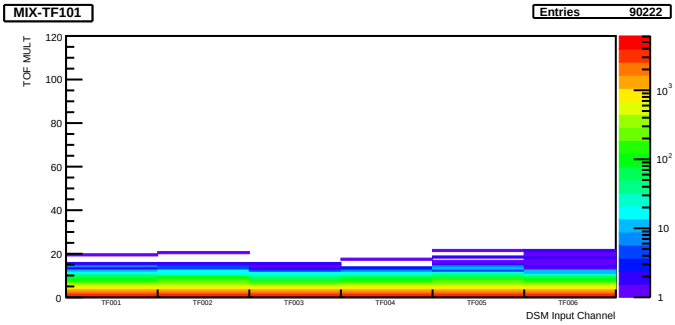

MIX-TF002
Entries 315777
TOF MULT
TOF tray

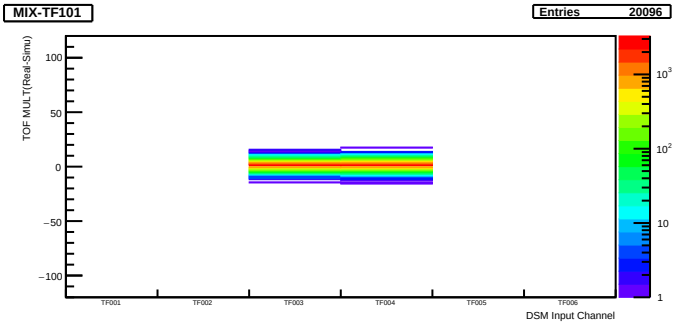

MIX-TF003
Entries 315777
TOF MULT
TOF tray

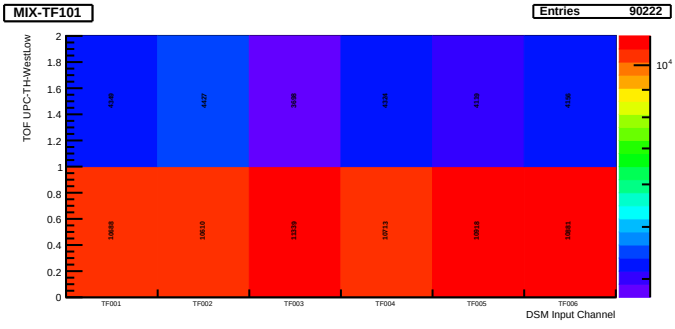

MIX-TF004
Entries 315777
TOF MULT
TOF tray

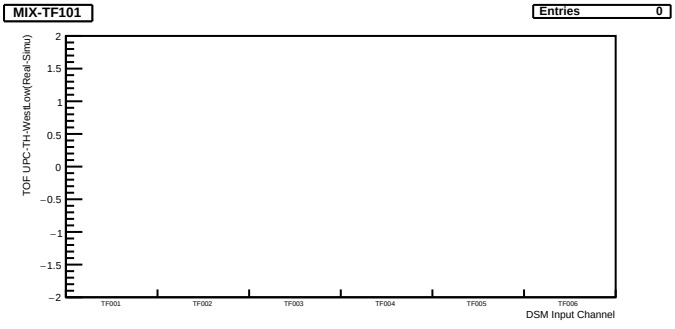

MIX-TF005
Entries 315777
TOF MULT
TOF tray

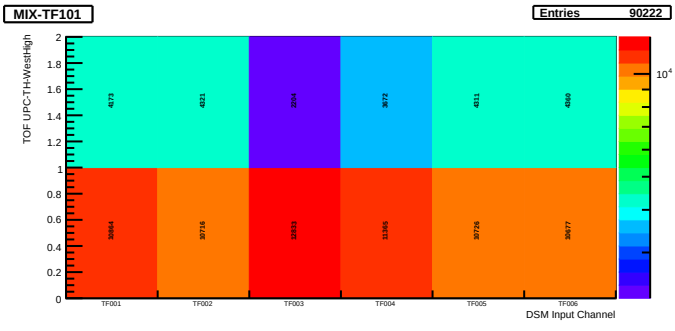

MIX-TF006
Entries 315777
TOF MULT
TOF tray

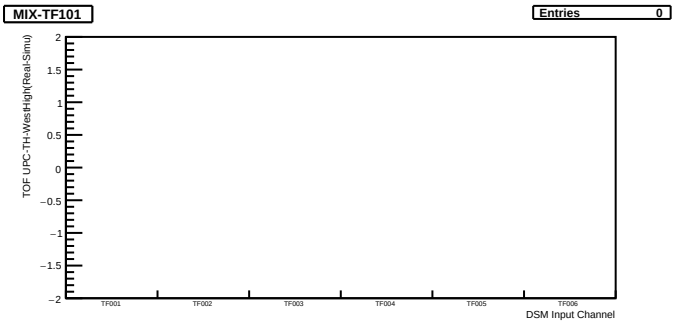

MIX-TF101
Entries 90222
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

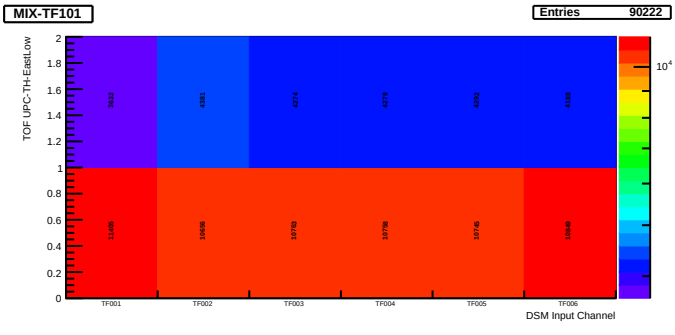

MIX-TF101
Entries 20096
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

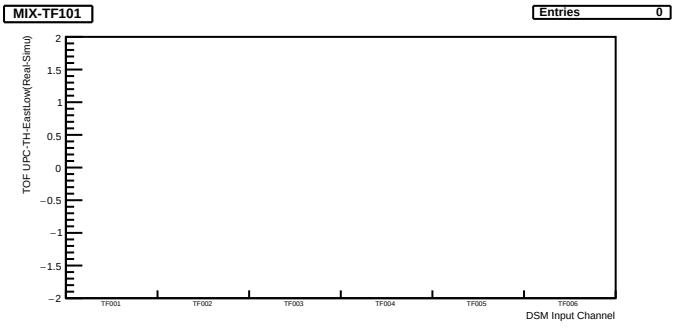

MIX-TF101
Entries 90222
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

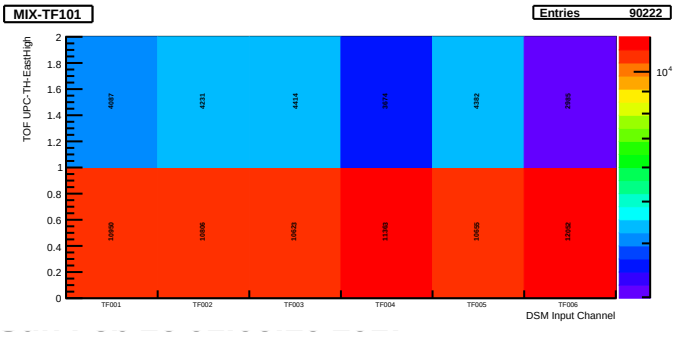

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

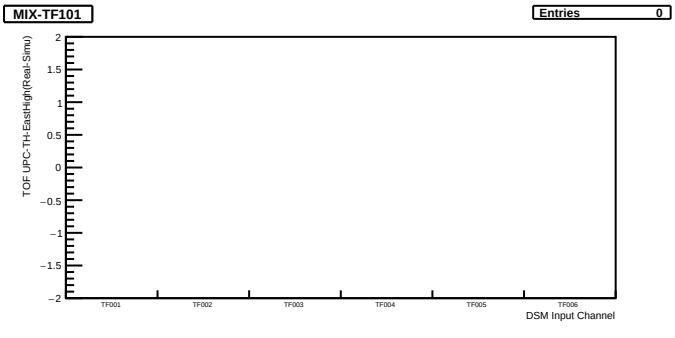

MIX-TF101
Entries 90222
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

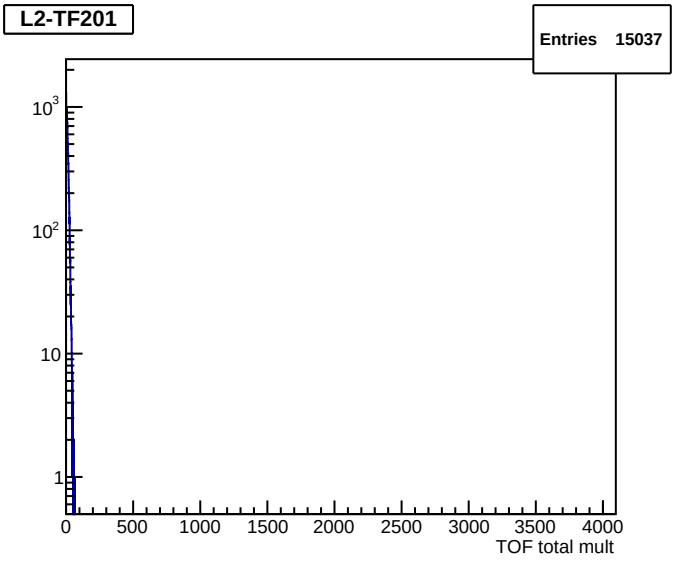

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

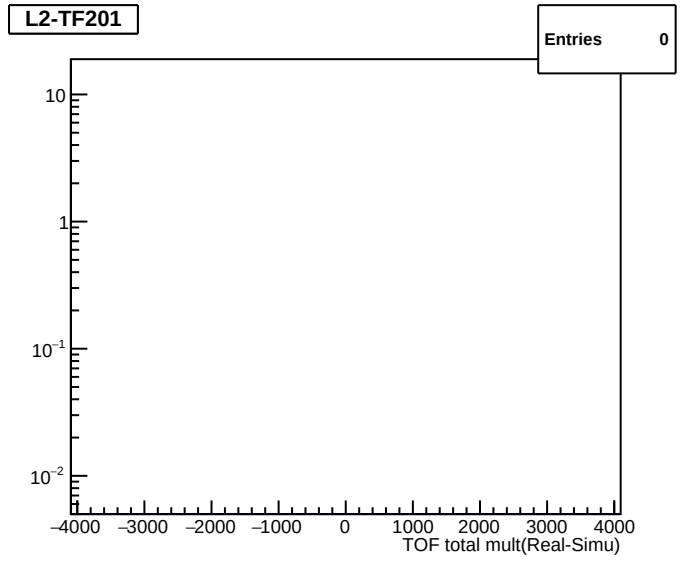

MIX-TF101
Entries 90222
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

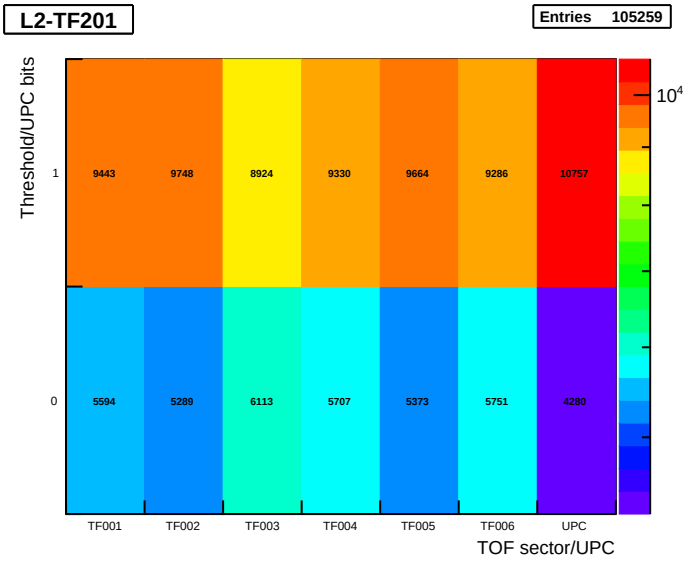

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

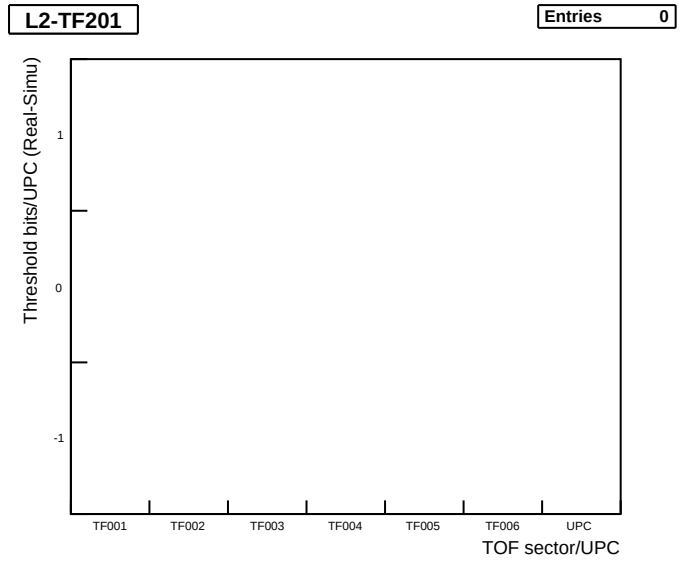

MIX-TF101
Entries 90222
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

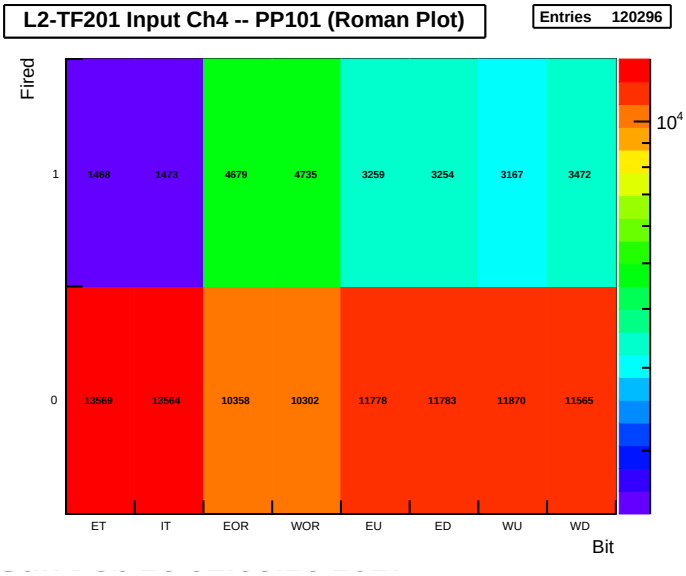

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

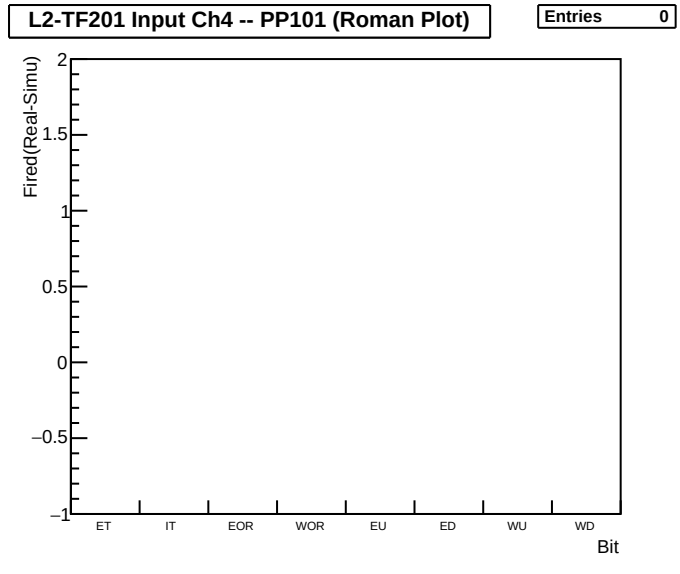

L2-TF201
Entries 15037
TOF total mult

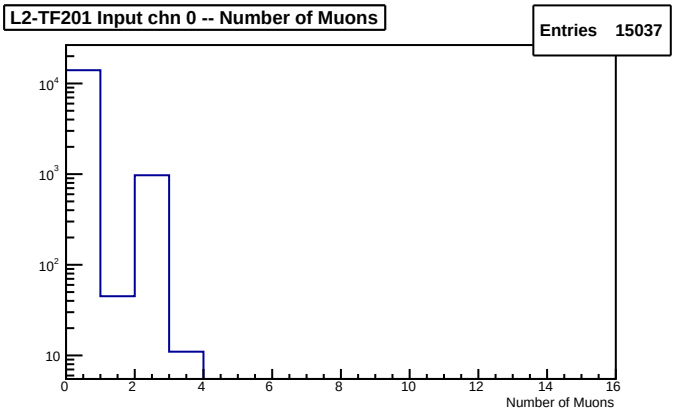

L2-TF201
Entries 0
TOF total mult(Real-Simu)

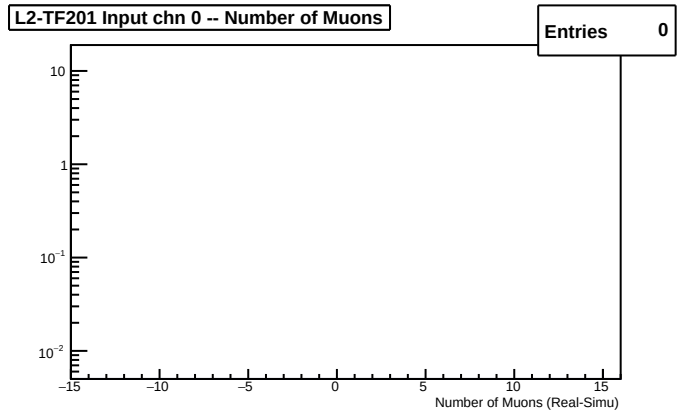

L2-TF201
Entries 105259
Threshold/UPC bits
9443
9748
8924
9330
9664
9286
10757
5594
5289
6113
5707
5373
5751
4280
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

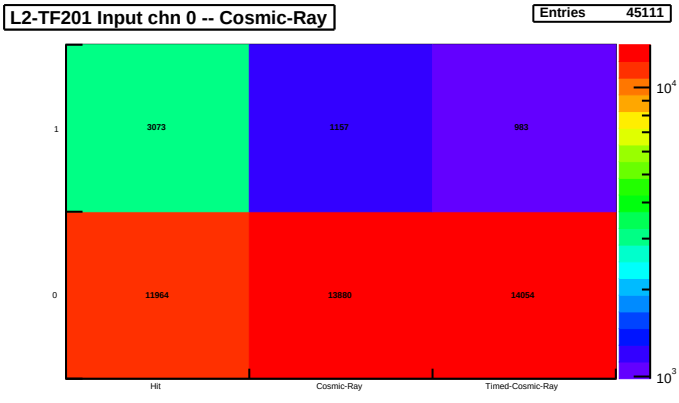

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

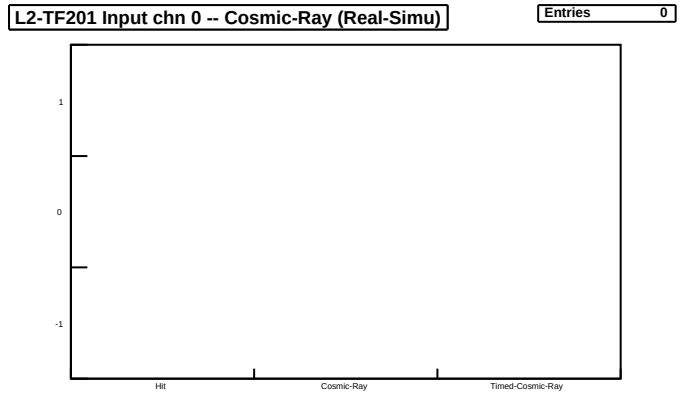

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 120296
Fired
1468
1473
4679
4735
3259
3254
3167
3472
13569
13564
10358
10302
11778
11783
11870
11565
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

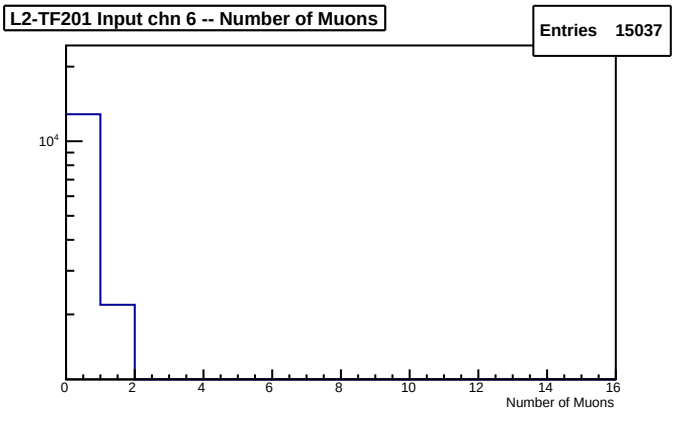

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

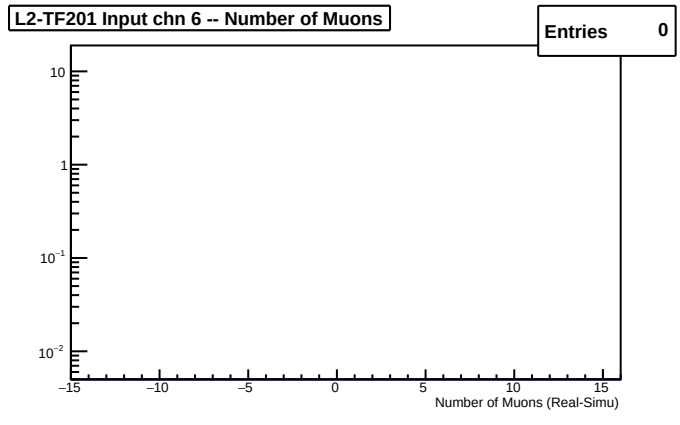

L2-TF201 Input chn 0 -- Number of Muons
Entries 15037
Number of Muons

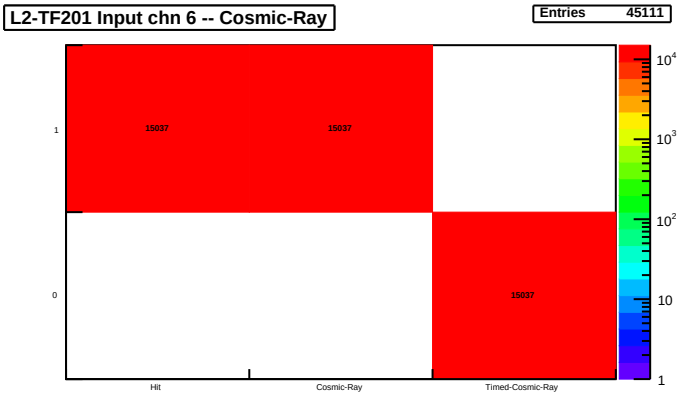

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

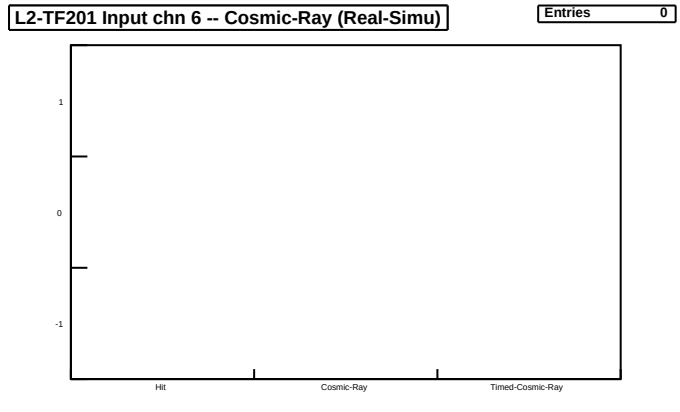

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 45111
3073
1157
983
11964
13880
14054
Hit
Cosmic-Ray
Timed-Cosmic-Ray

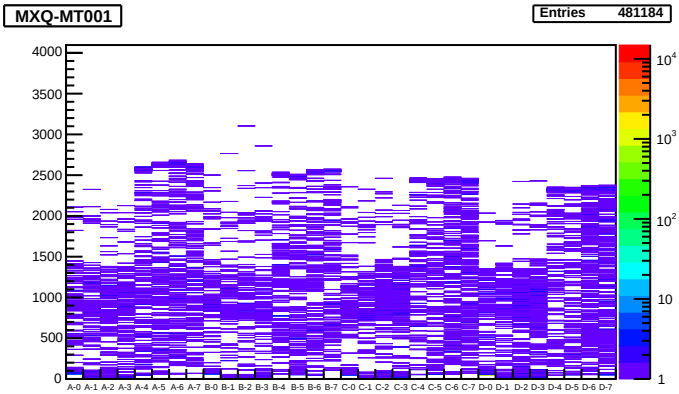

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

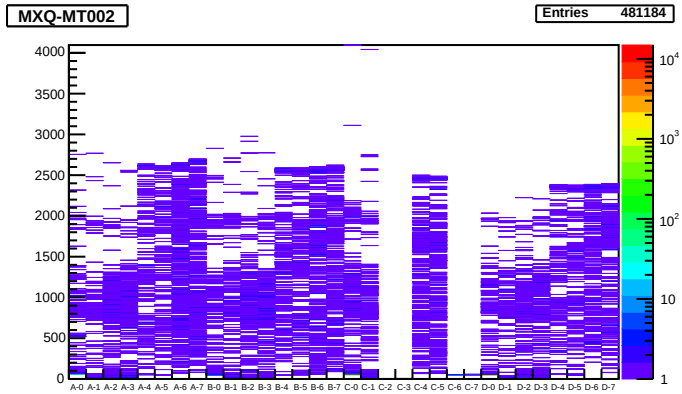

L2-TF201 Input chn 6 -- Number of Muons
Entries 15037
Number of Muons

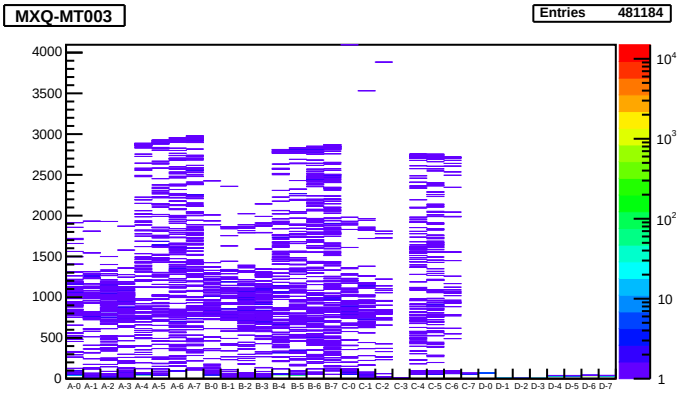

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

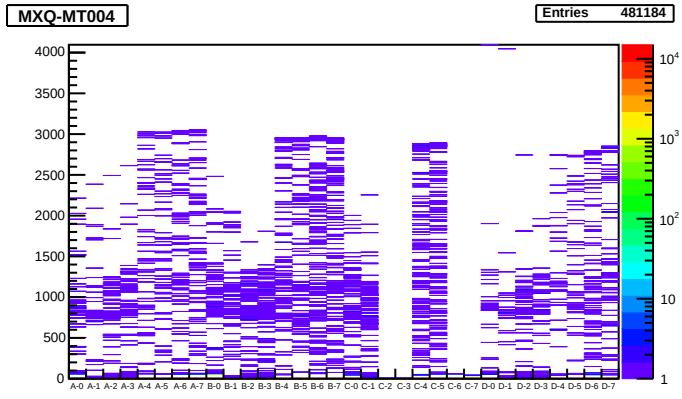

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 45111
15037
15037
15037
Hit
Cosmic-Ray
Timed-Cosmic-Ray

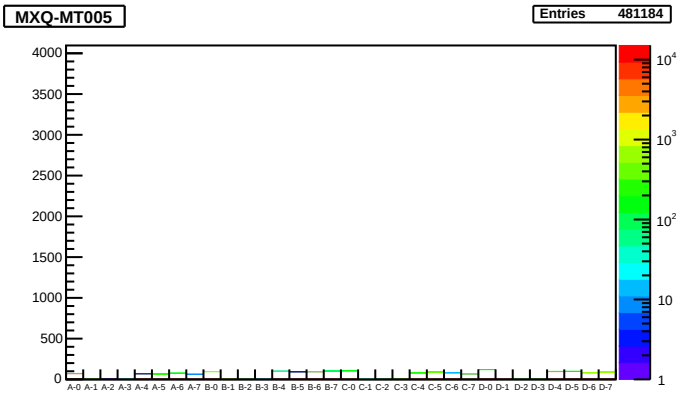

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

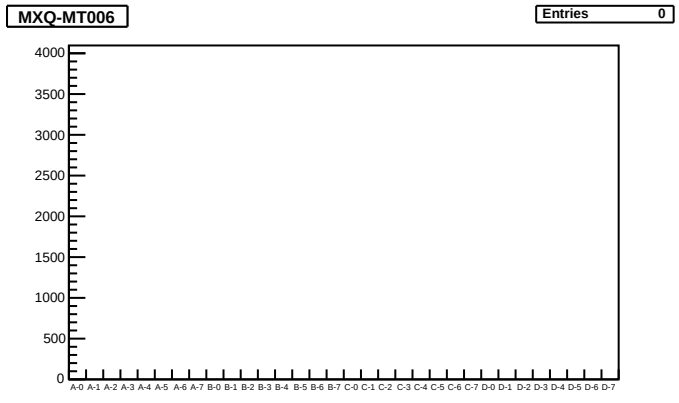

MXQ-MT001
Entries 481184

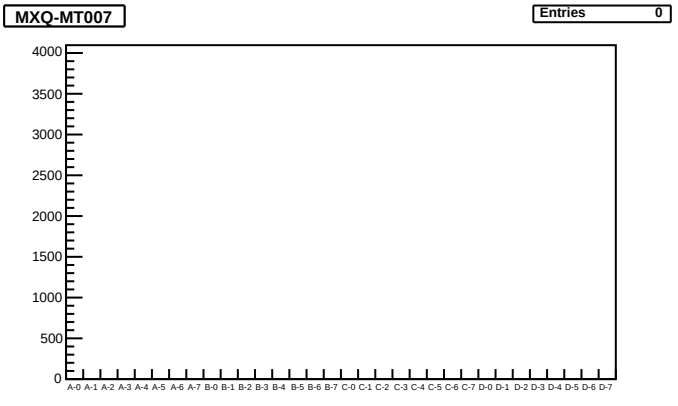

MXQ-MT002
Entries 481184

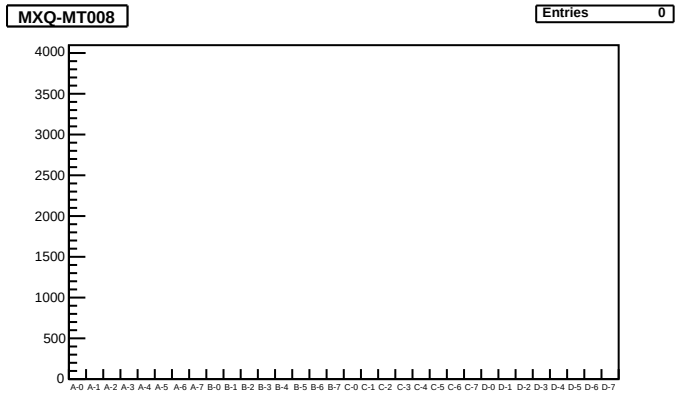

MXQ-MT003
Entries 481184

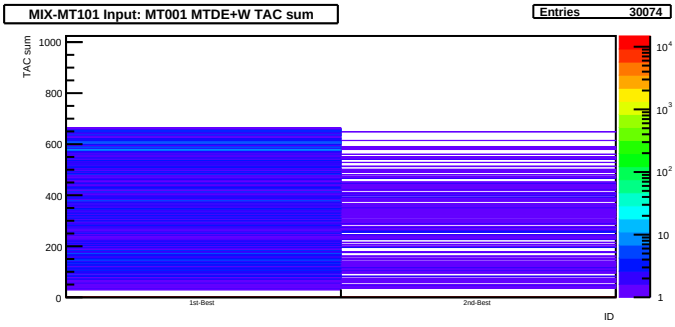

MXQ-MT004
Entries 481184

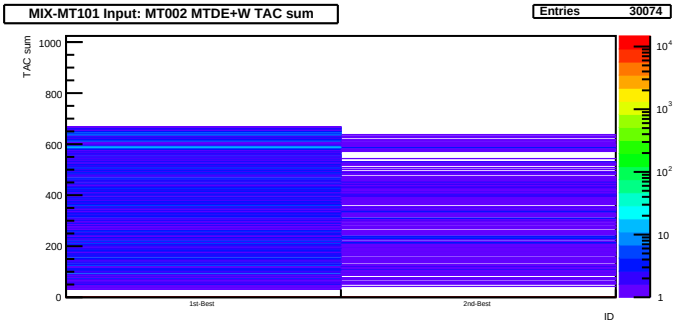

MXQ-MT005
Entries 481184

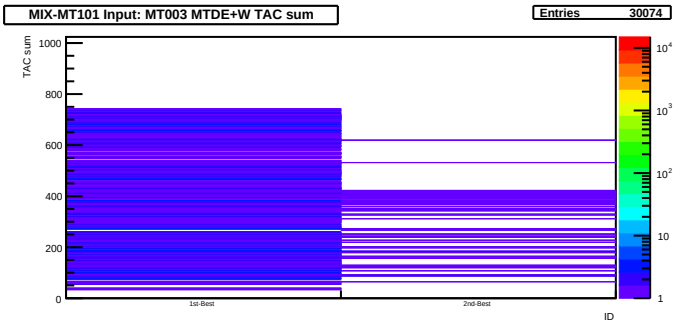

MXQ-MT006
Entries 0

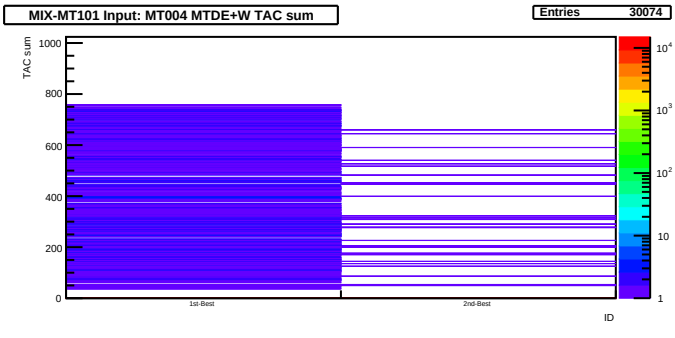

MXQ-MT007
Entries 0

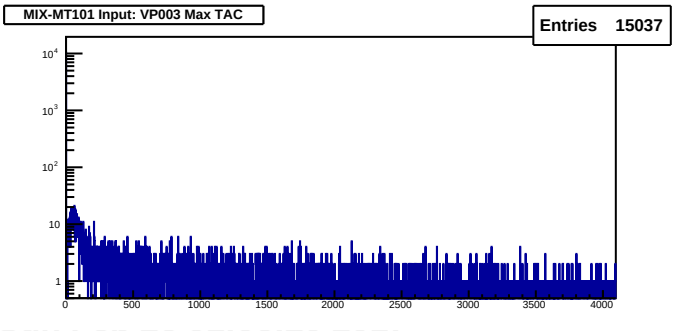

MXQ-MT008
Entries 0

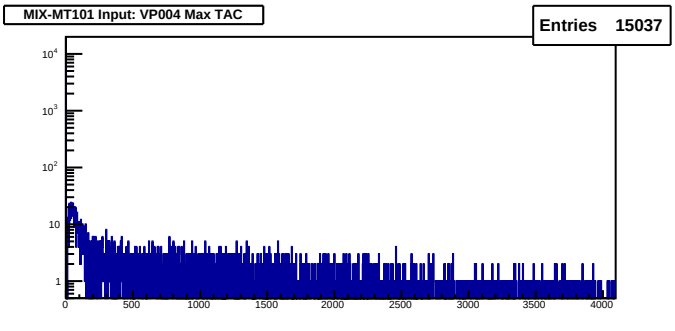

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 30074
TAC sum
1st-Best
2nd-Best
ID

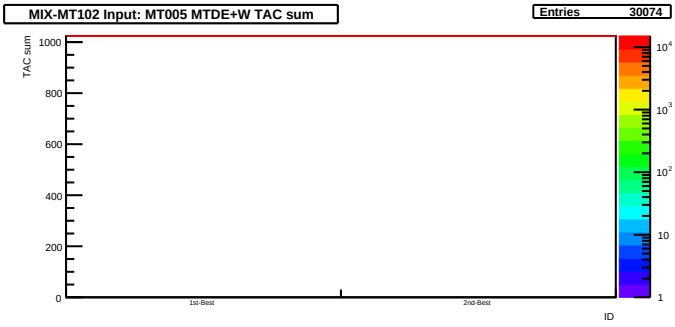

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 30074
TAC sum
1st-Best
2nd-Best
ID

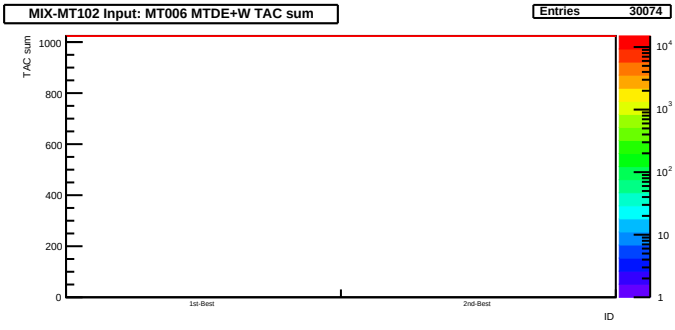

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 30074
TAC sum
1st-Best
2nd-Best
ID

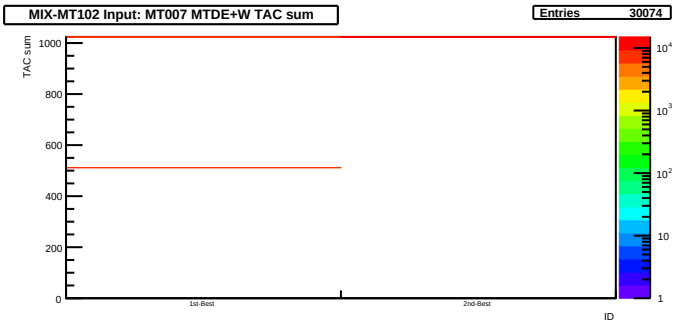

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 30074
TAC sum
1st-Best
2nd-Best
ID

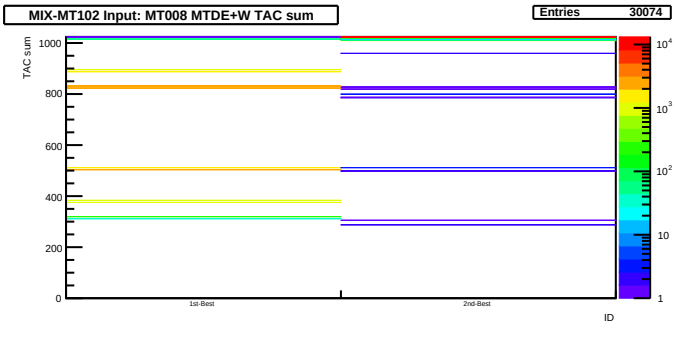

MIX-MT101 Input: VP003 Max TAC
Entries 15037

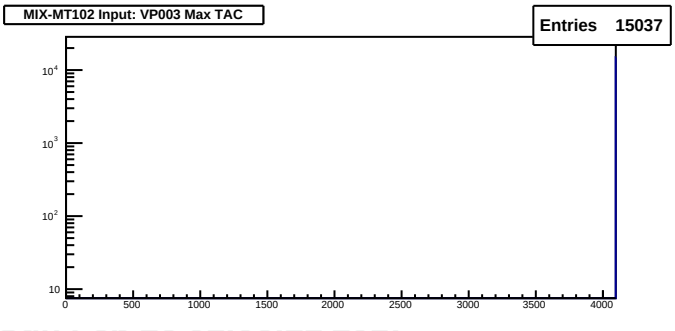

MIX-MT101 Input: VP004 Max TAC
Entries 15037

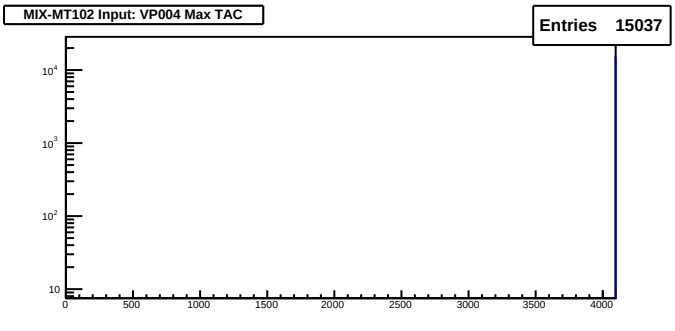

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 30074
TAC sum
1st-Best
2nd-Best
ID

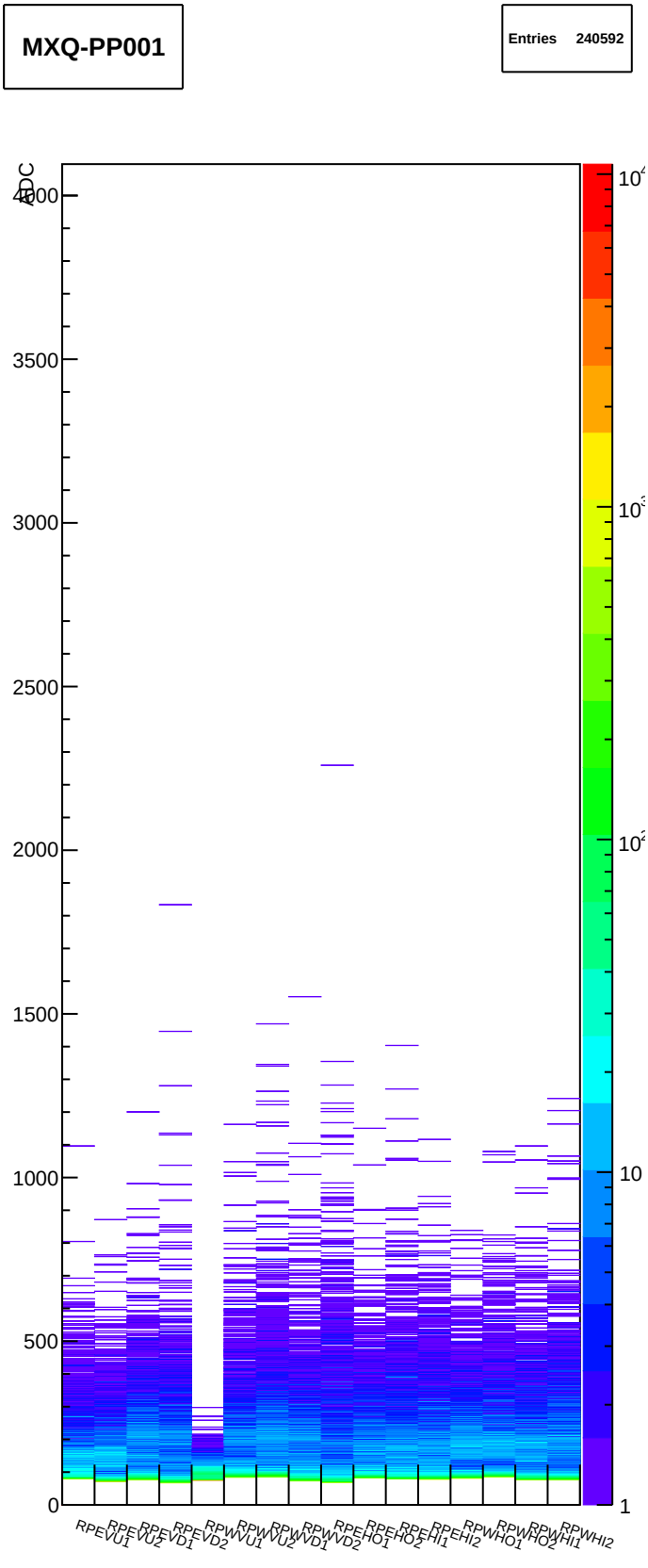

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 30074
TAC sum
1st-Best
2nd-Best
ID

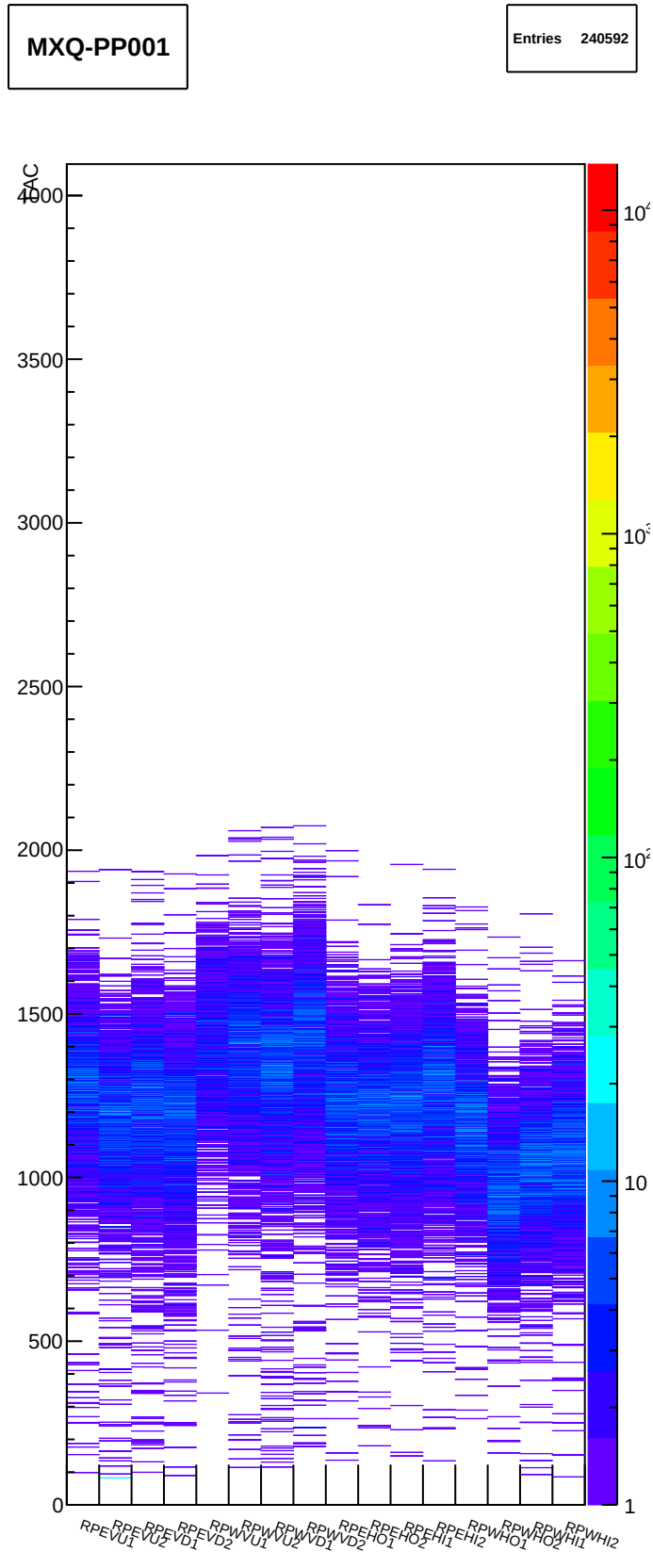

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 30074
TAC sum
1st-Best
2nd-Best
ID

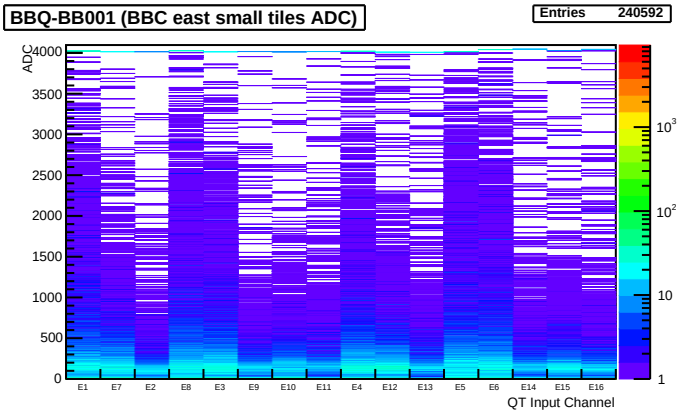

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 30074
TAC sum
1st-Best
2nd-Best
ID

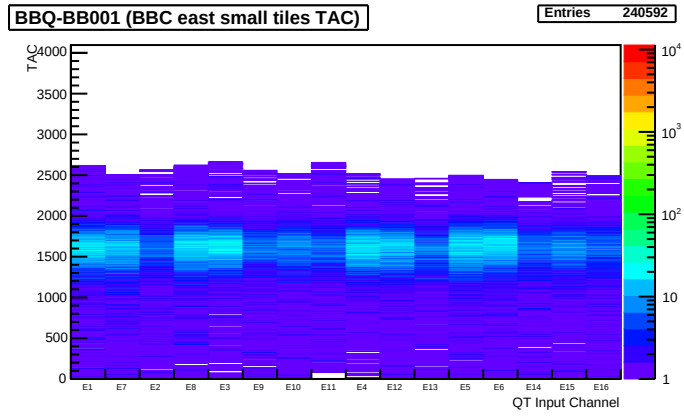

MIX-MT102 Input: VP003 Max TAC
Entries 15037

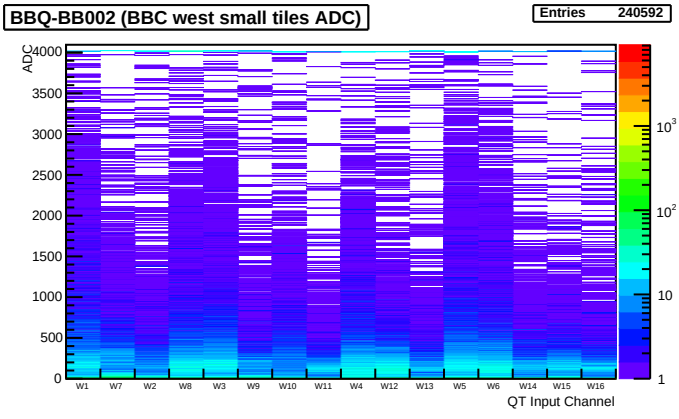

MIX-MT102 Input: VP004 Max TAC
Entries 15037

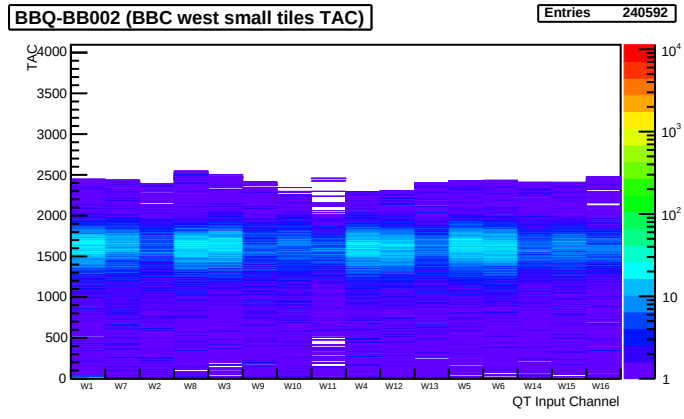

MXQ-PP001
Entries 240592
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

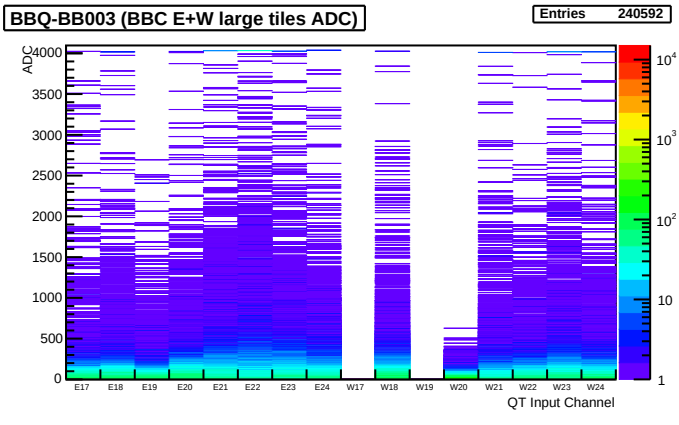

MXQ-PP001
Entries 240592
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

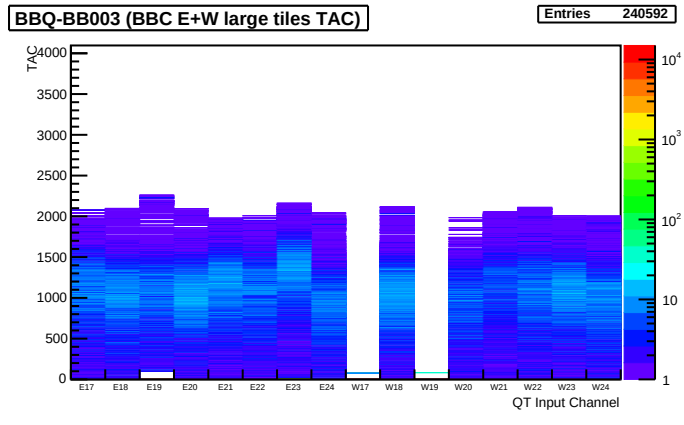

BBQ-BB001 (BBC east small tiles ADC)
Entries 240592
ADC
QT Input Channel

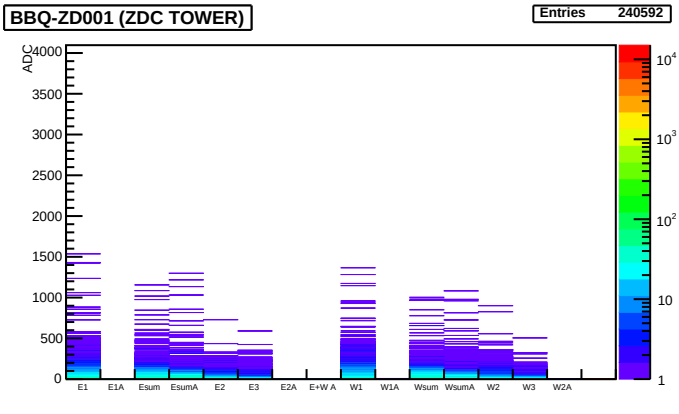

BBQ-BB001 (BBC east small tiles TAC)
Entries 240592
TAC
QT Input Channel

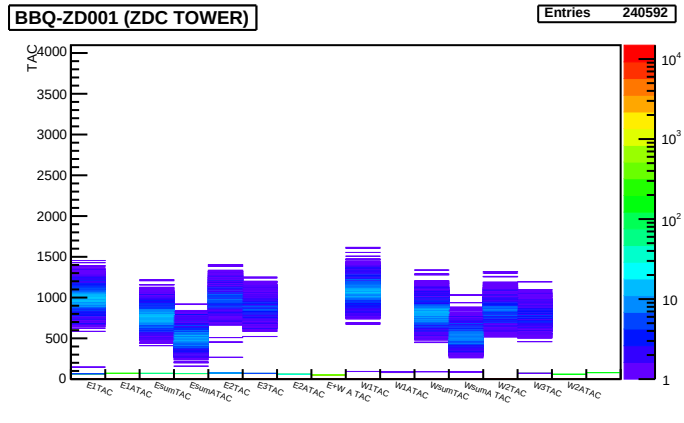

BBQ-BB002 (BBC west small tiles ADC)
Entries 240592
ADC
QT Input Channel

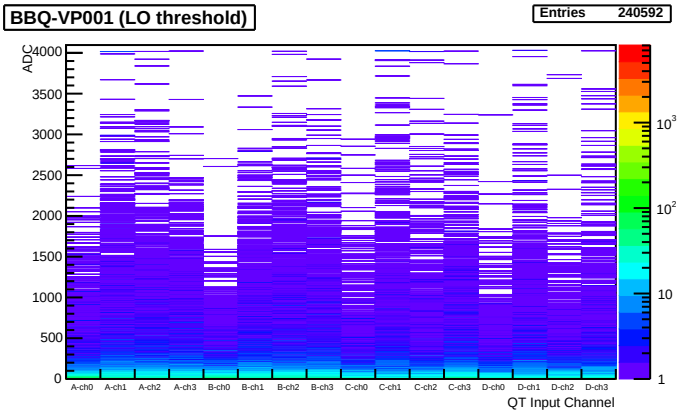

BBQ-BB002 (BBC west small tiles TAC)
Entries 240592
TAC
QT Input Channel

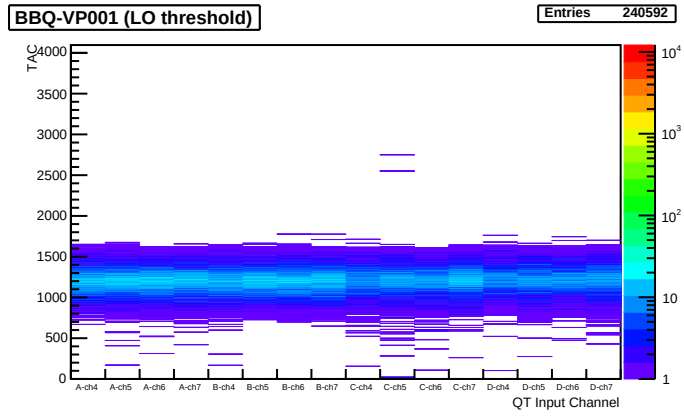

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 240592
ADC
QT Input Channel

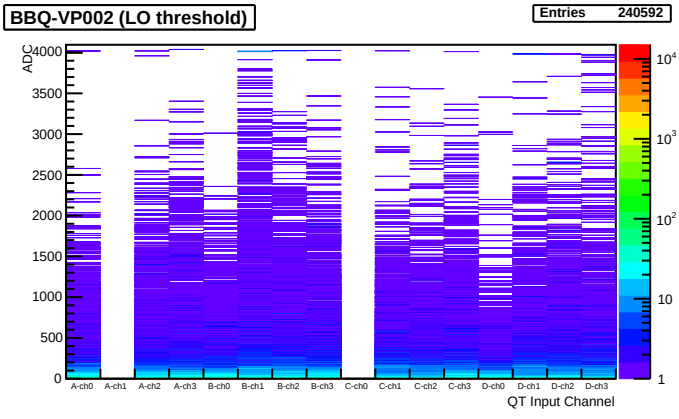

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 240592
TAC
QT Input Channel

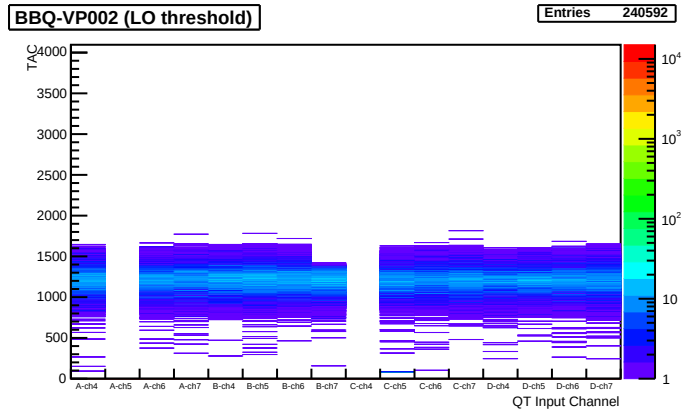

BBQ-ZD001 (ZDC TOWER)
Entries 240592
ADC

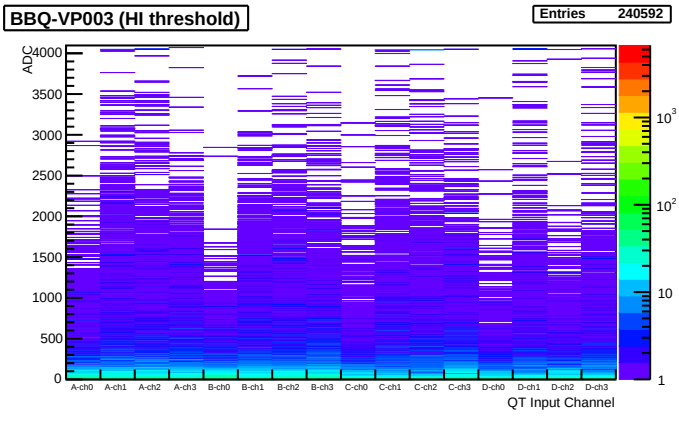

BBQ-ZD001 (ZDC TOWER)
Entries 240592
TAC

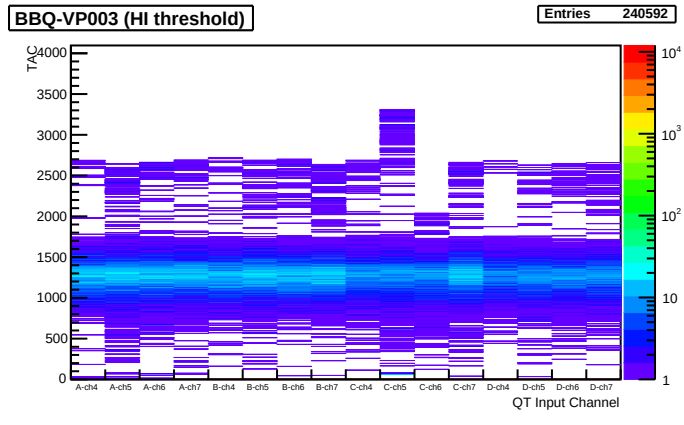

BBQ-VP001 (LO threshold)
Entries 240592
ADC
QT Input Channel

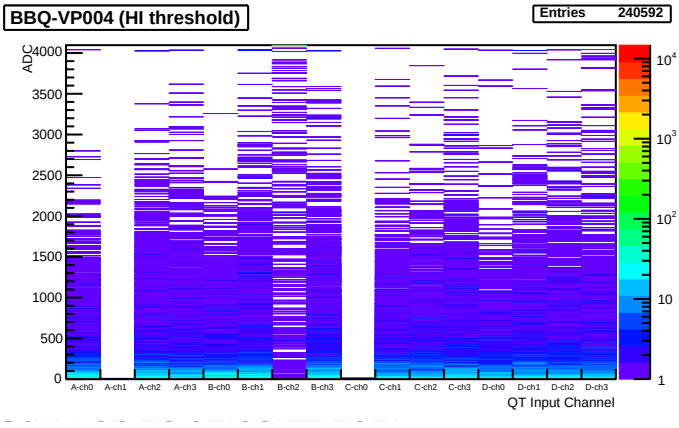

BBQ-VP001 (LO threshold)
Entries 240592
TAC
QT Input Channel

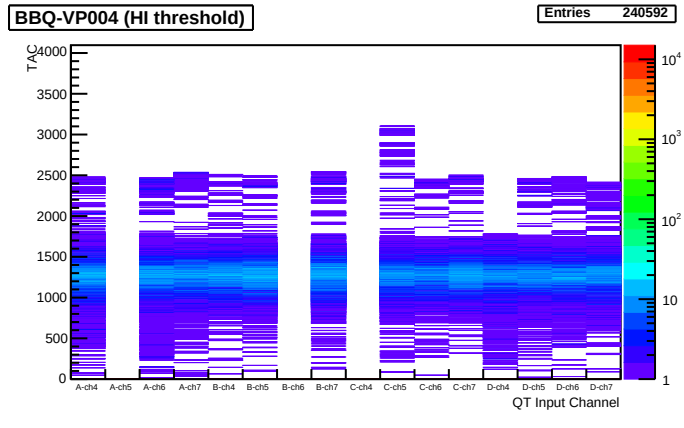

BBQ-VP002 (LO threshold)
Entries 240592
ADC
QT Input Channel

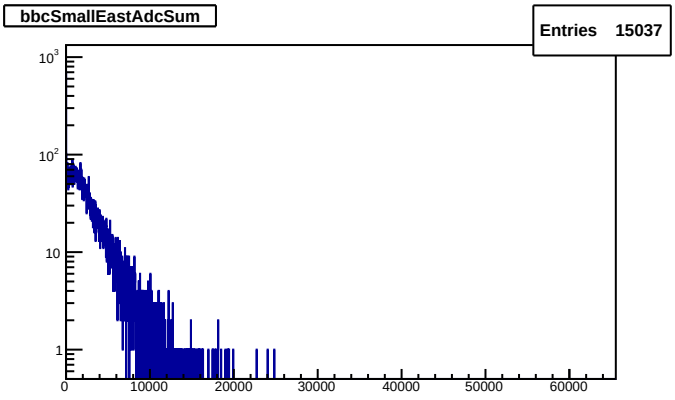

BBQ-VP002 (LO threshold)
Entries 240592
TAC
QT Input Channel

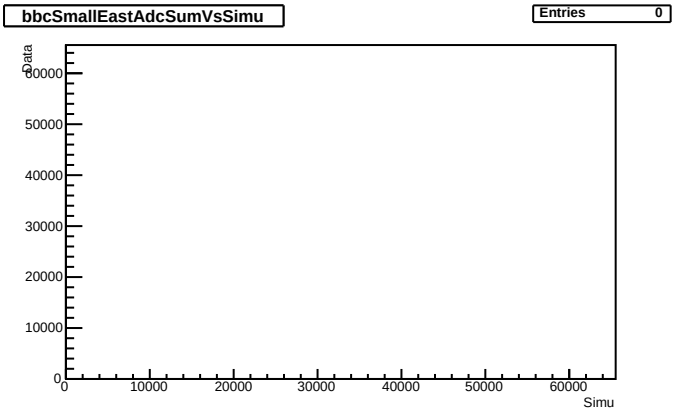

BBQ-VP003 (HI threshold)
Entries 240592
ADC
QT Input Channel

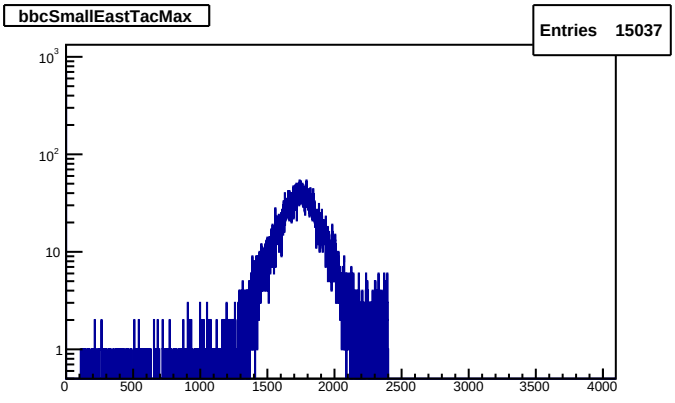

BBQ-VP003 (HI threshold)
Entries 240592
TAC
QT Input Channel

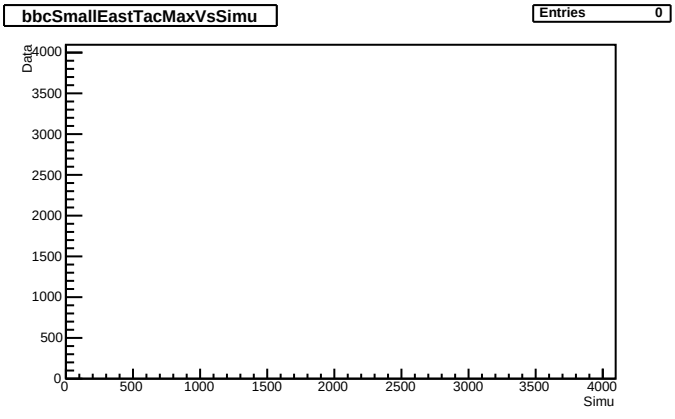

BBQ-VP004 (HI threshold)
Entries 240592
ADC
QT Input Channel

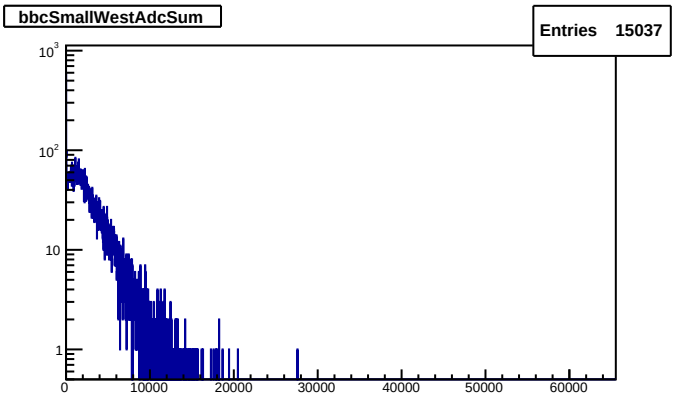

BBQ-VP004 (HI threshold)
Entries 240592
TAC
QT Input Channel

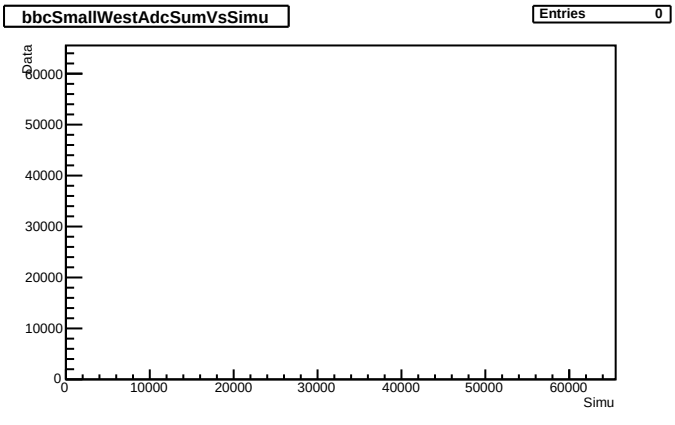

bbcSmallEastAdcSum
Entries 15037

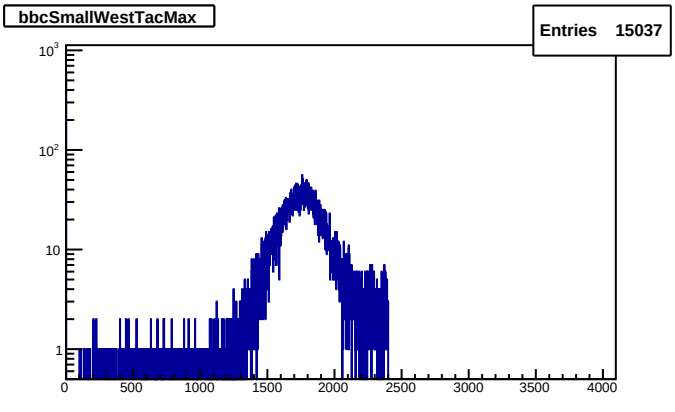

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

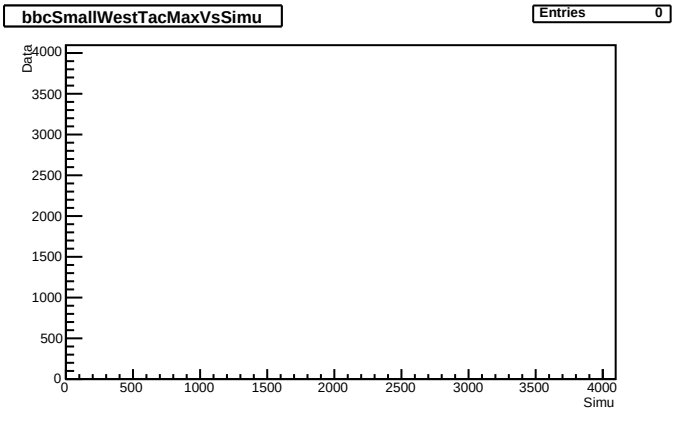

bbcSmallEastTacMax
Entries 15037

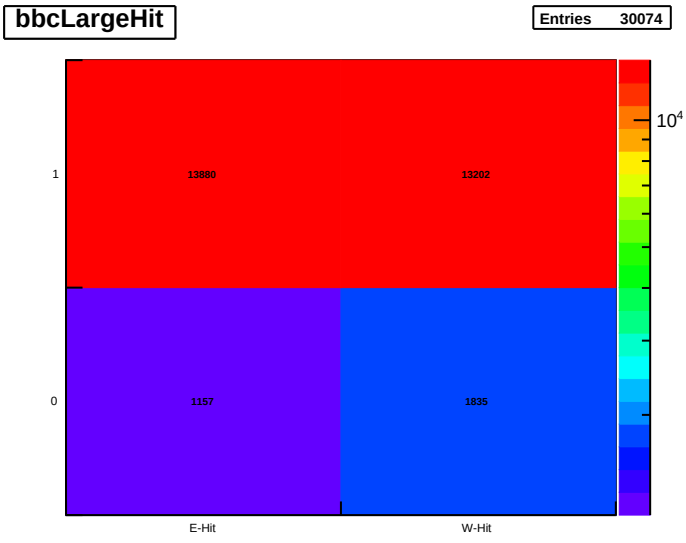

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

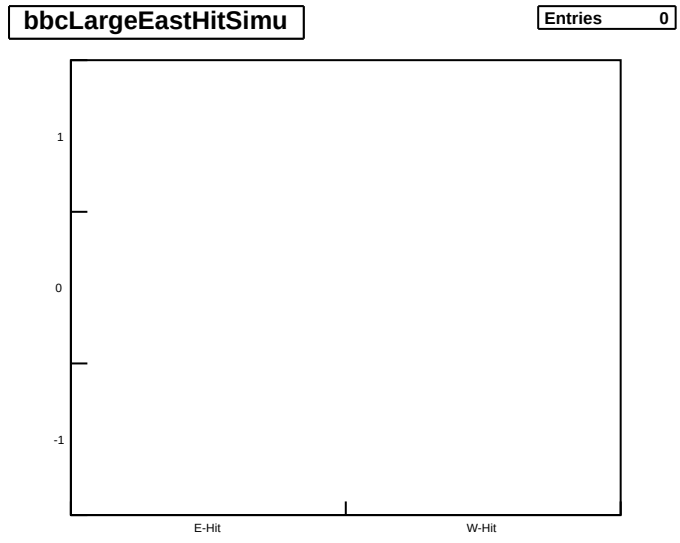

bbcSmallWestAdcSum
Entries 15037

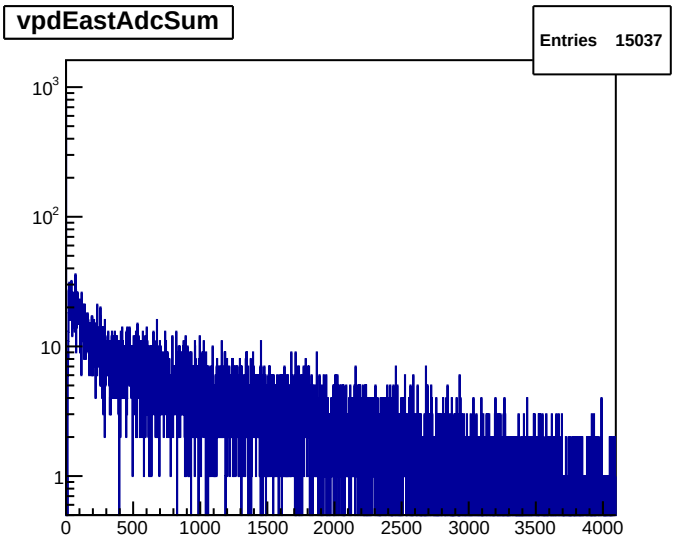

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

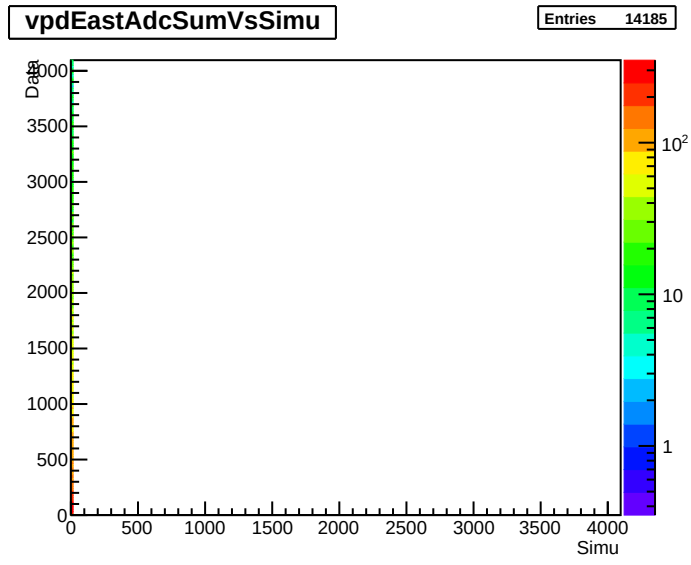

bbcSmallWestTacMax
Entries 15037

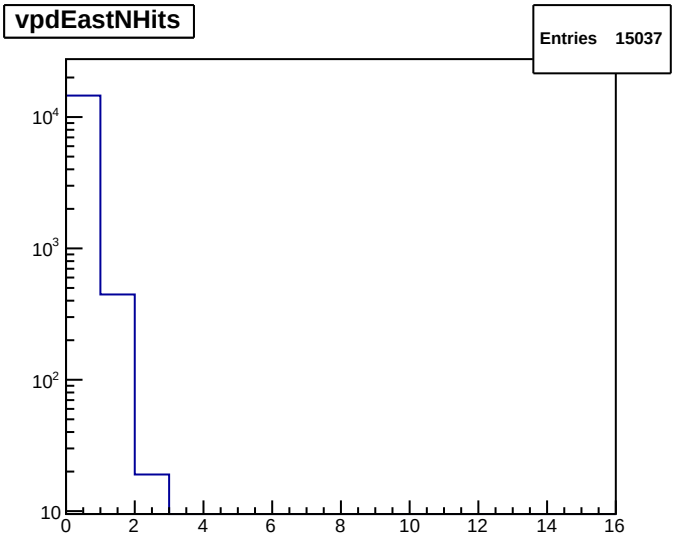

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

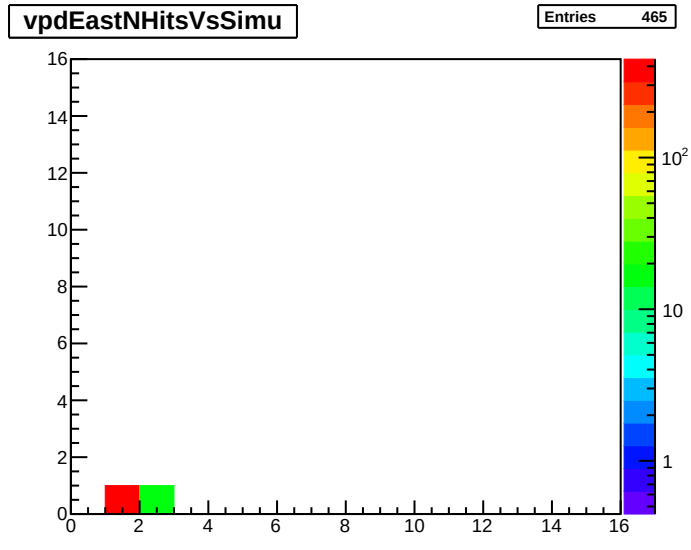

bbcLargeHit
Entries 30074
1
0
13880
13202
1157
1835
E-Hit
W-Hit
10^4

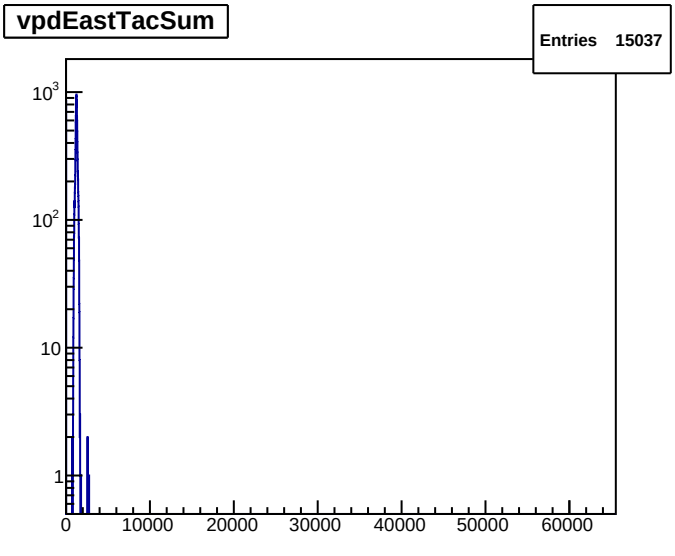

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

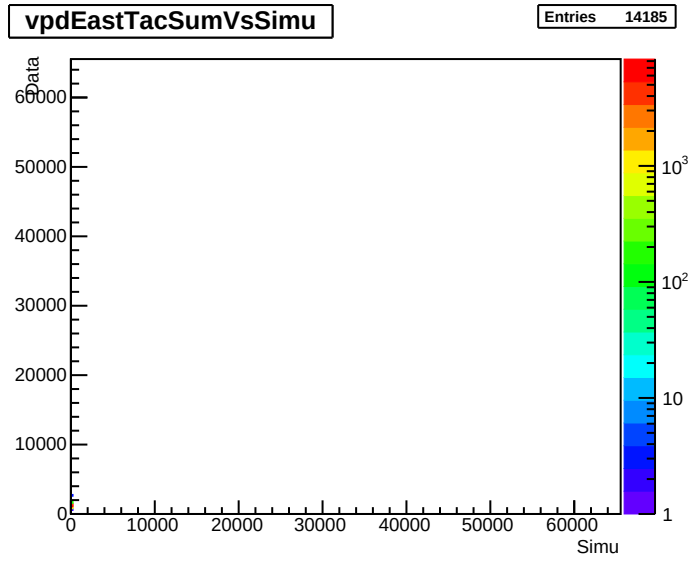

vpdEastAdcSum
Entries 15037

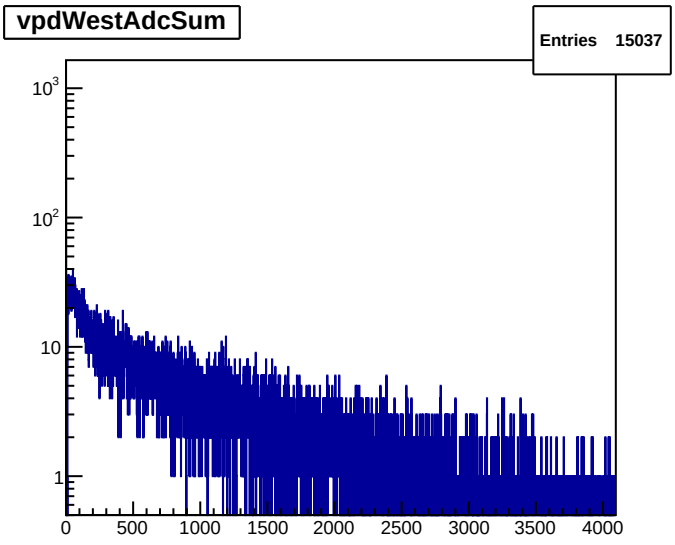

vpdEastAdcSumVsSimu
Entries 14185
Data
Simu

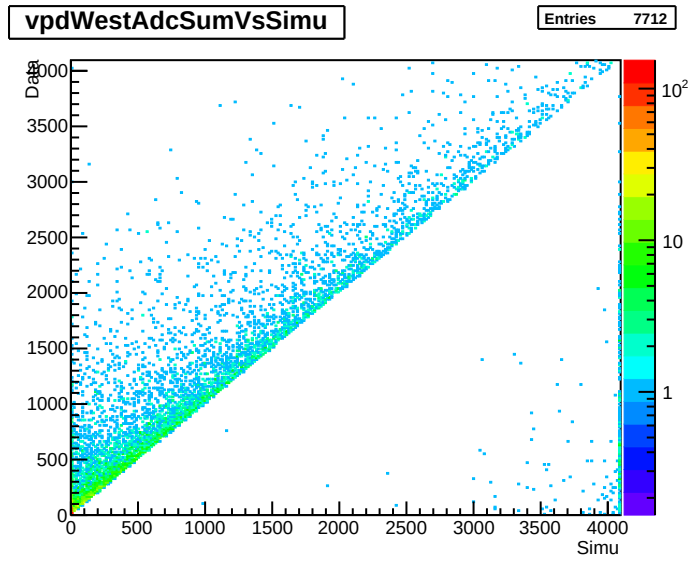

vpdEastNHits
Entries 15037

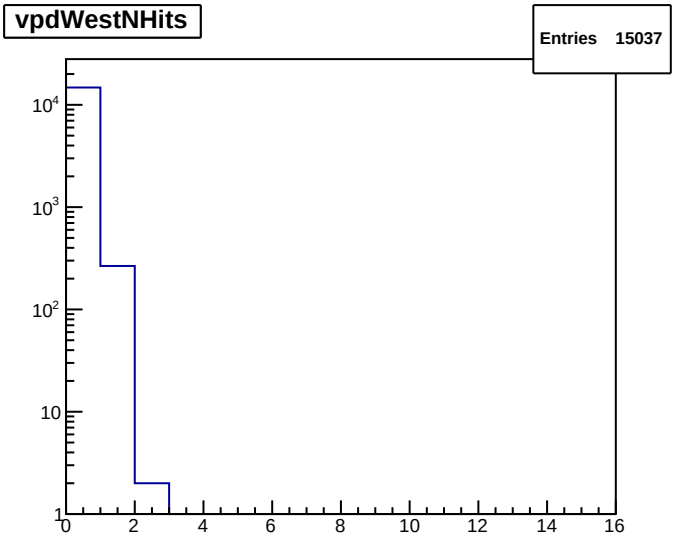

vpdEastNHitsVsSimu
Entries 465

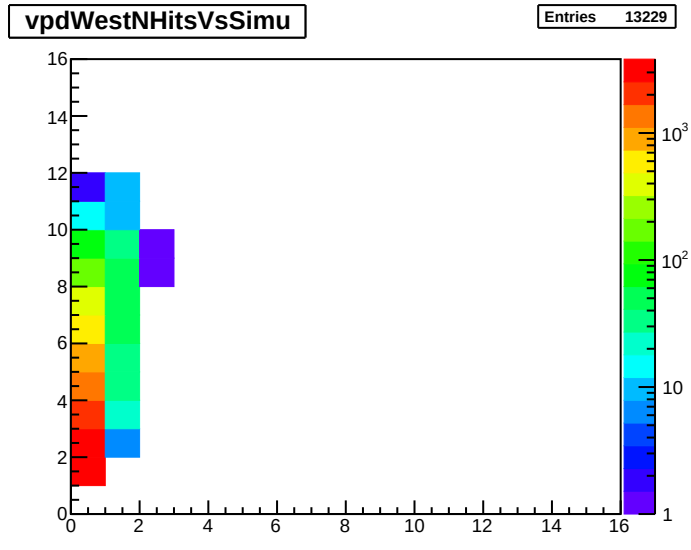

vpdEastTacSum
Entries 15037

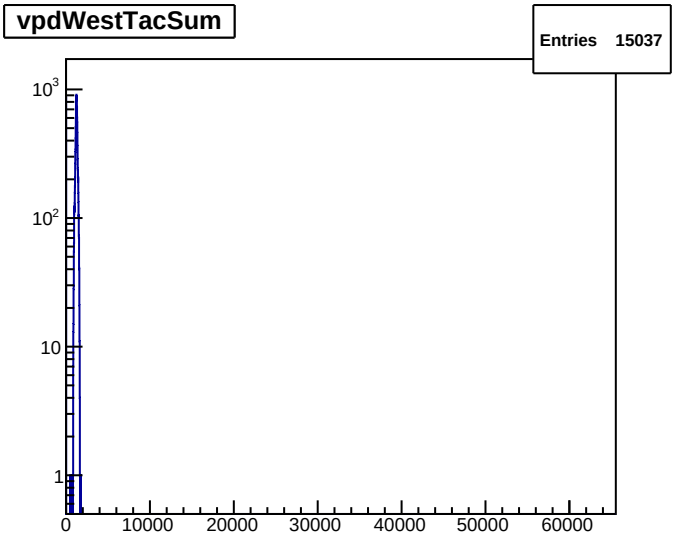

vpdEastTacSumVsSimu
Entries 14185
Data
Simu

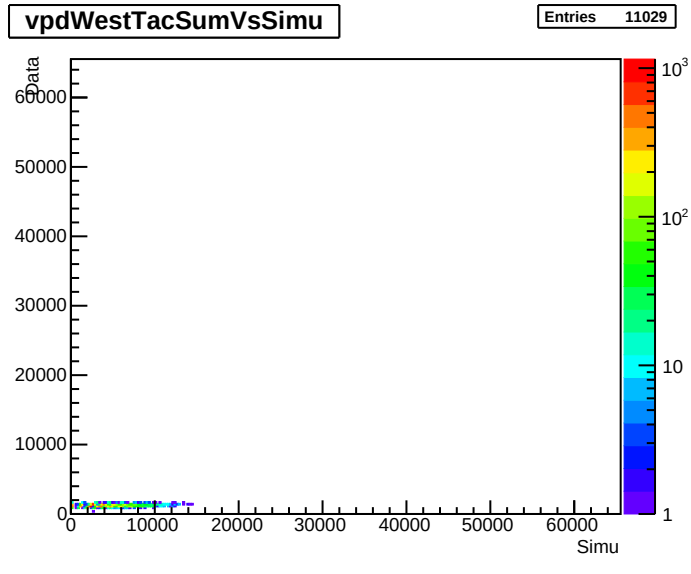

vpdWestAdcSum
Entries 15037

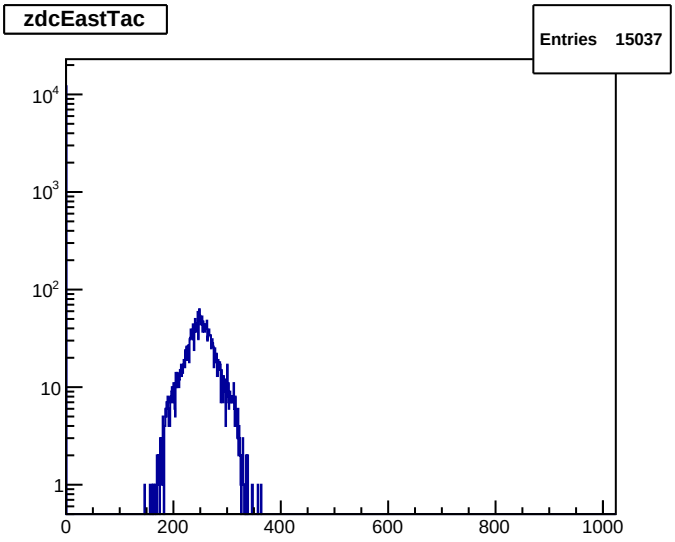

vpdWestAdcSumVsSimu
Entries 7712
Data
Simu

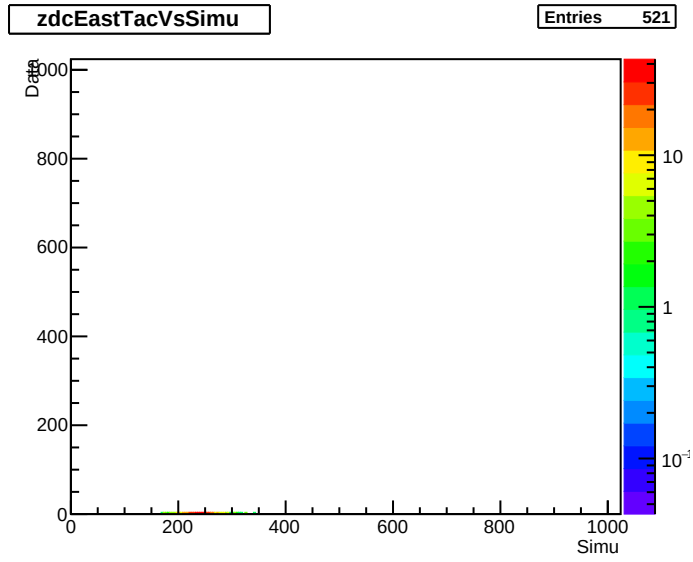

vpdWestNHits
Entries 15037

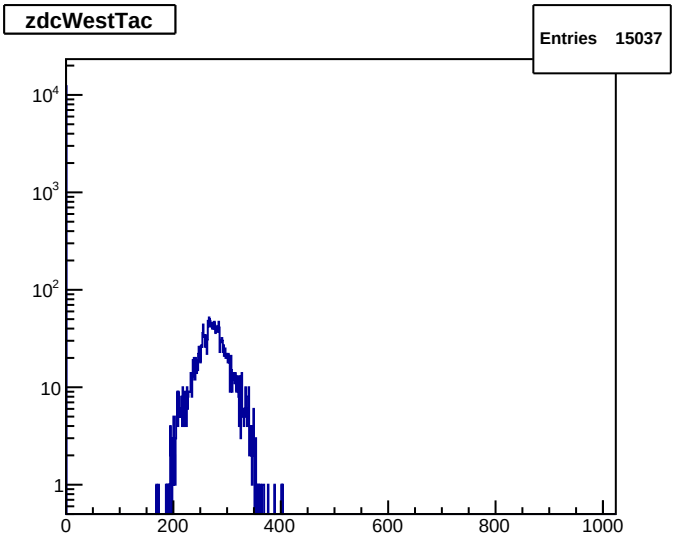

vpdWestNHitsVsSimu
Entries 13229

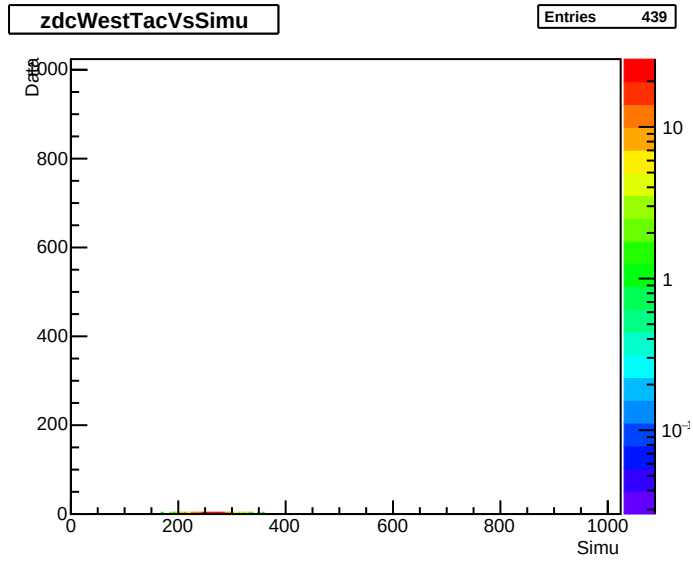

vpdWestTacSum
Entries 15037

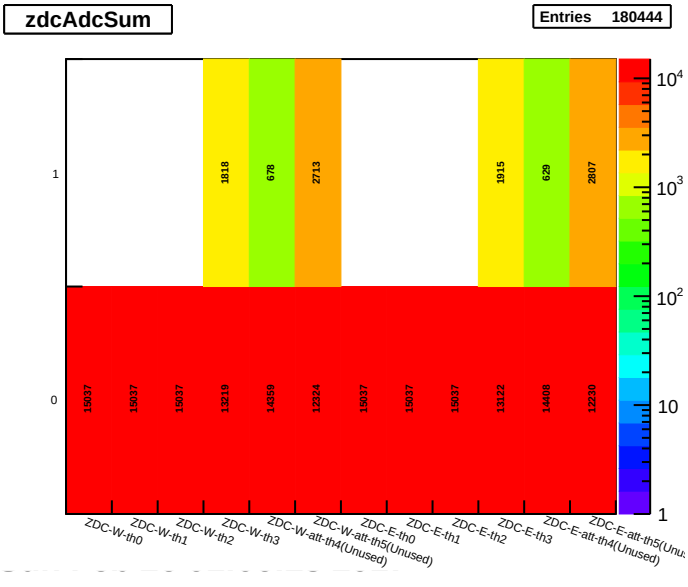

vpdWestTacSumVsSimu
Entries 11029
Data
Simu

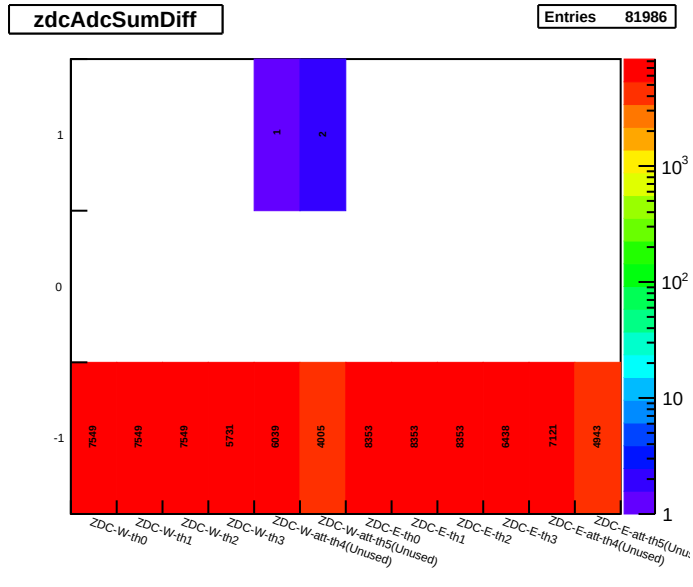

zdcEastTac
Entries 15037

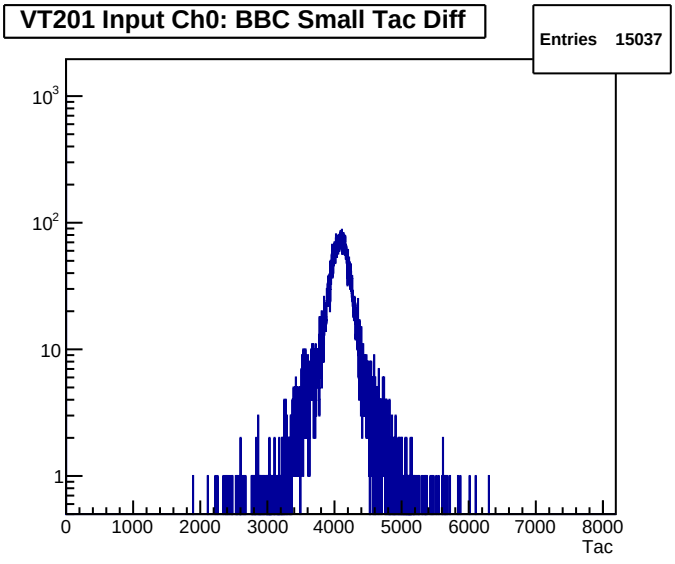

zdcEastTacVsSimu
Entries 521
Data
Simu

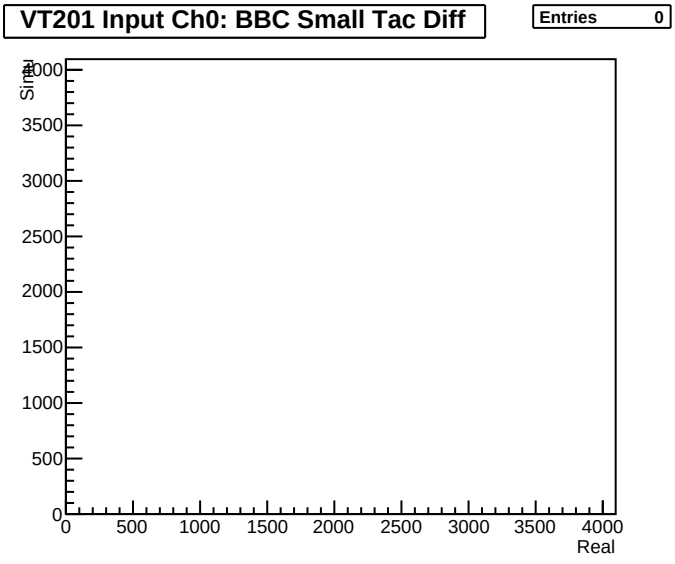

zdcWestTac
Entries 15037

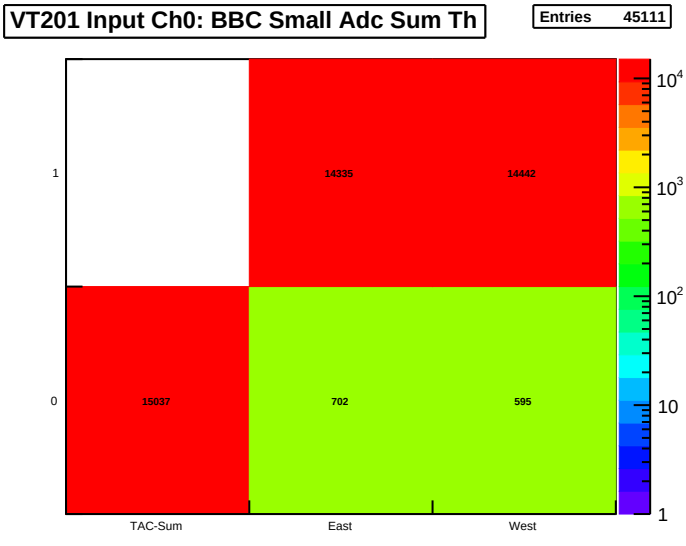

zdcWestTacVsSimu
Entries 439
Data
Simu

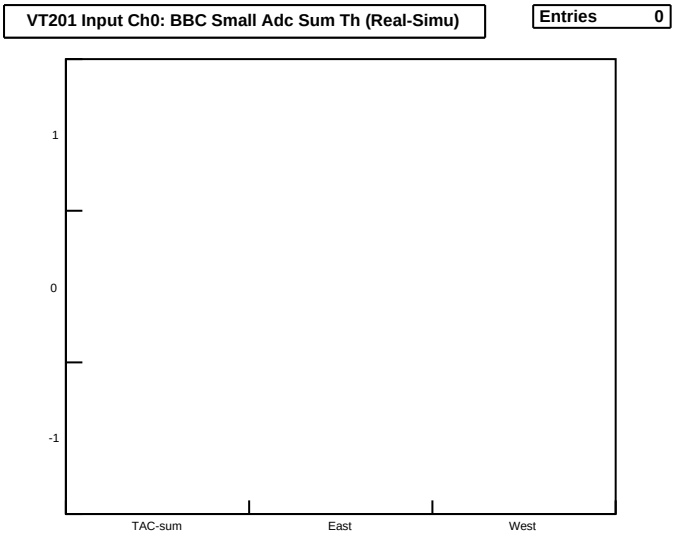

zdcAdcSum
Entries 180444
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

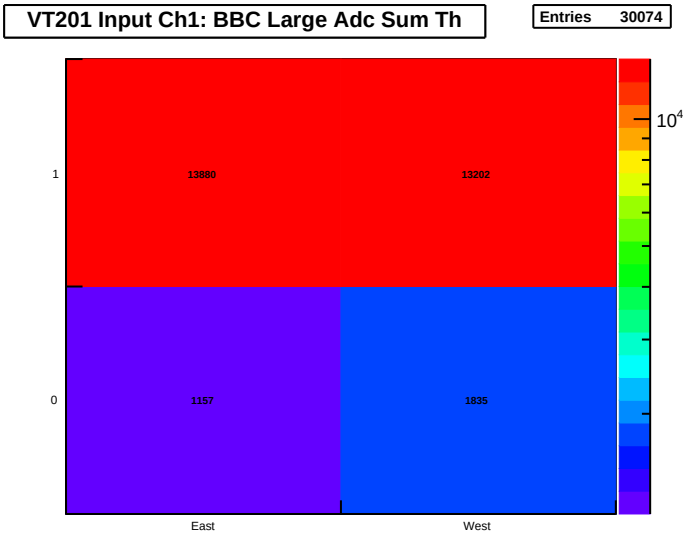

zdcAdcSumDiff
Entries 81986
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

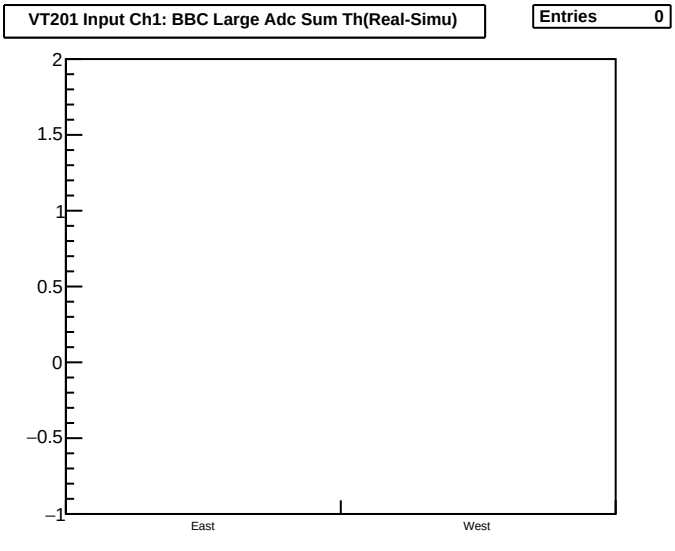

VT201 Input Ch0: BBC Small Tac Diff
Entries 15037
Tac


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

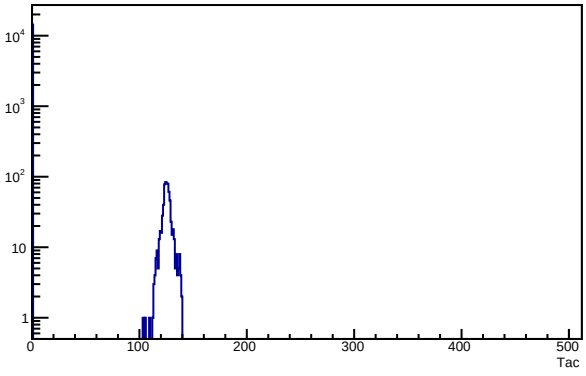

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 45111
14335
14442
15037
702
595
TAC-Sum
East
West


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

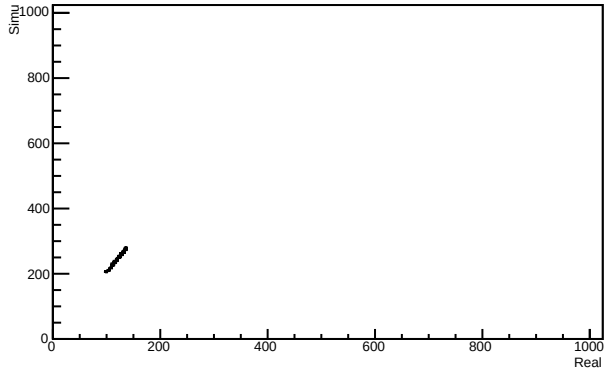

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 30074
13880
13202
1157
1835
East
West


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

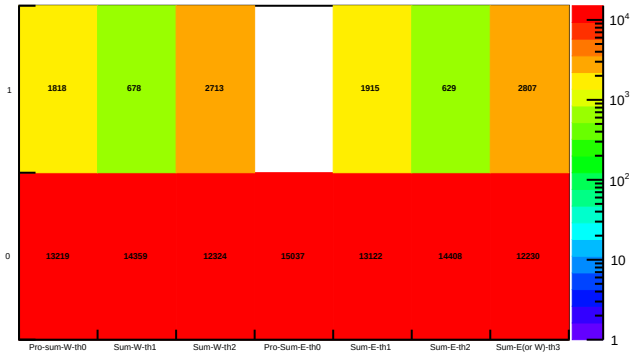
VT201 Input Ch2: ZDC Tac Diff



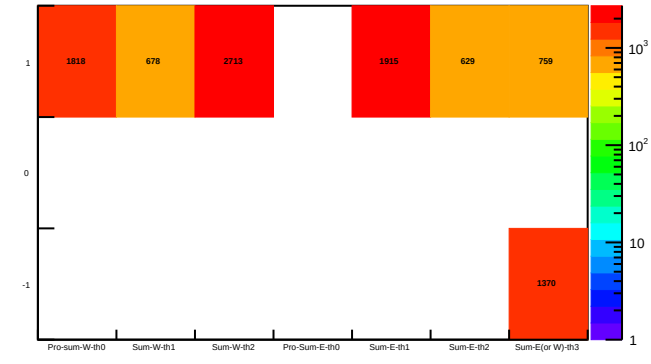
VT201 Input Ch2: ZDC Tac Diff



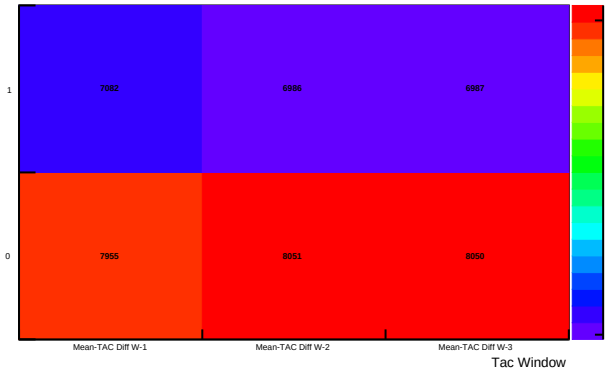
VT201 Input Ch2: ZDC Adc Sum Th



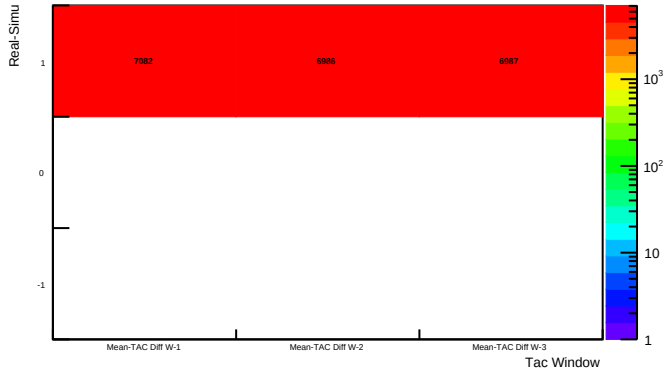
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



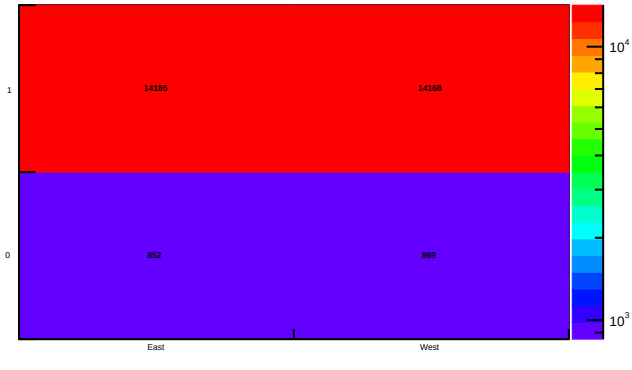
VT201 Input Ch4: VPD Tac Diff



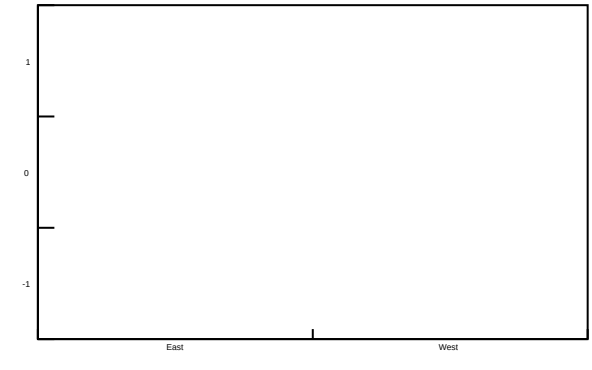
VT201 Input Ch4: VPD Tac Diff

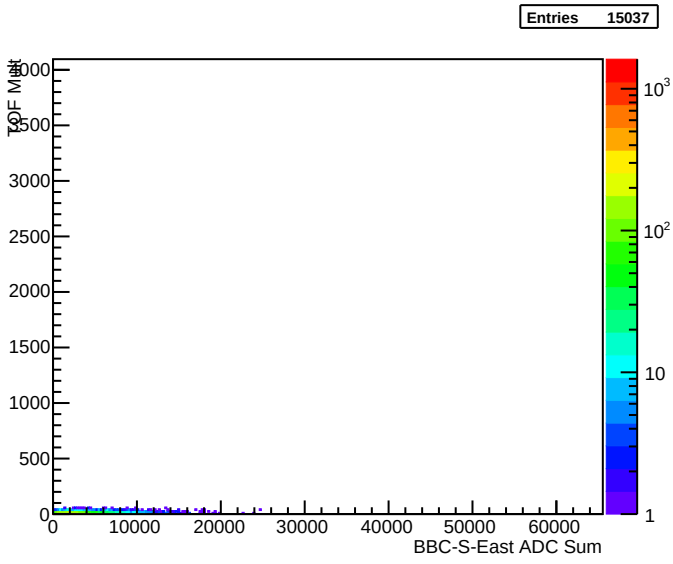


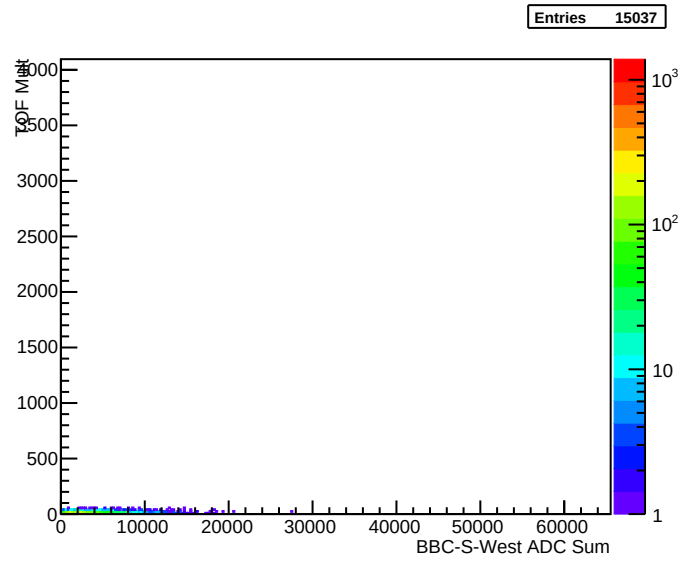
VT201 Input Ch4: VPD Adc Sum Th

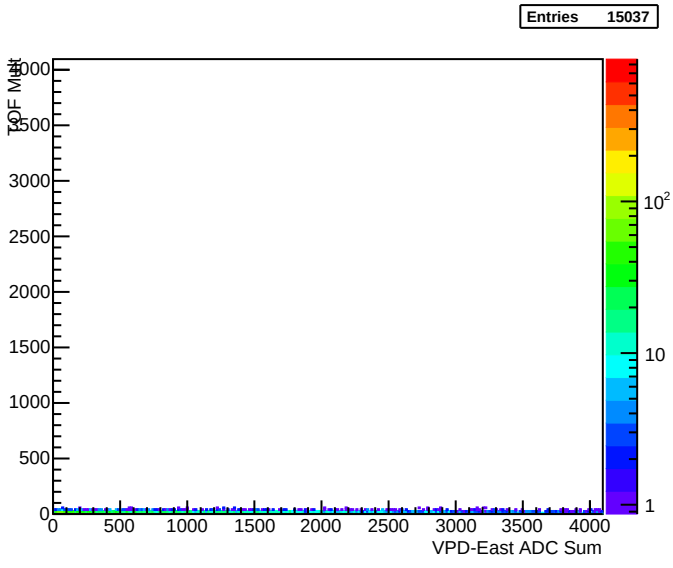


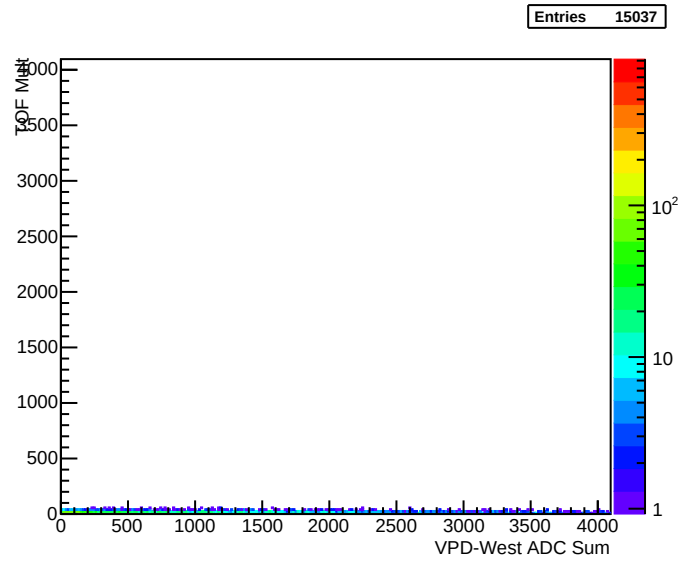
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

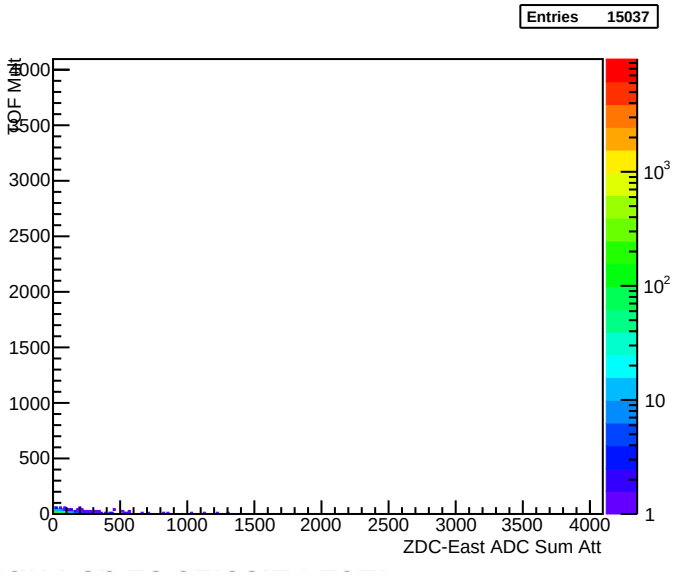


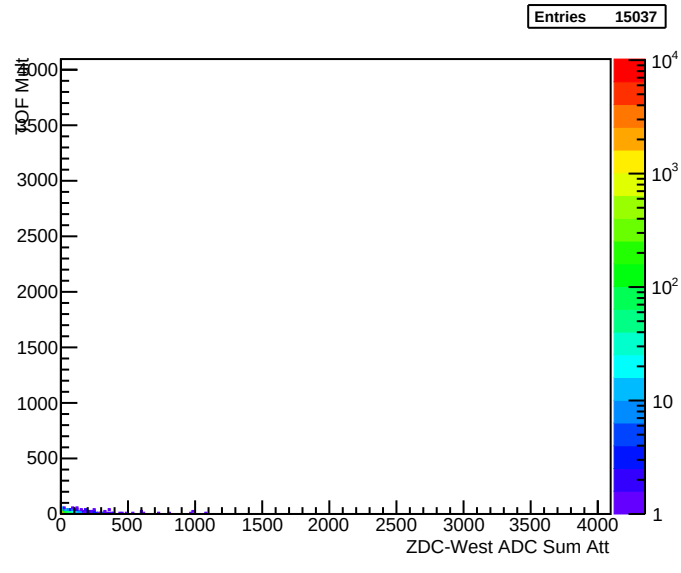

Entries 15037
TOF Mult
BBC-S-East ADC Sum

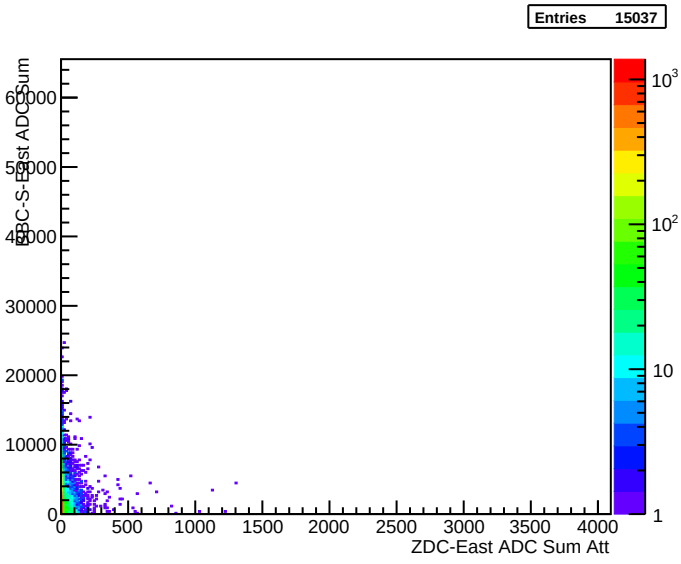

Entries 15037
TOF Mult
BBC-S-West ADC Sum

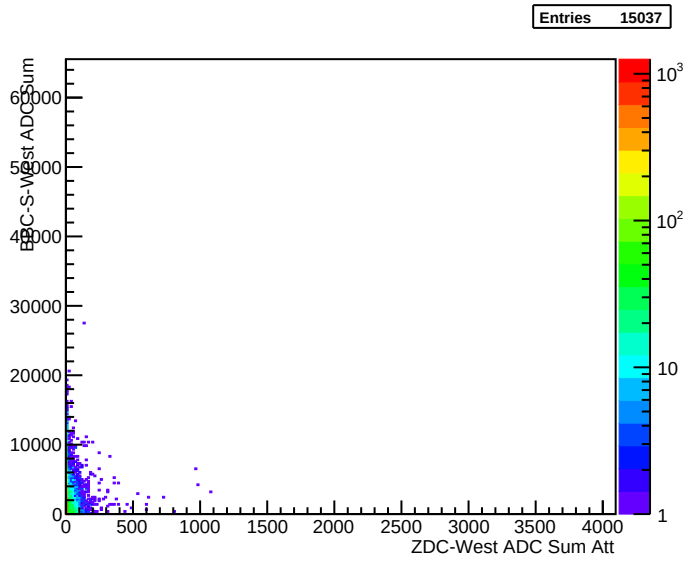

Entries 15037
TOF Mult
VPD-East ADC Sum

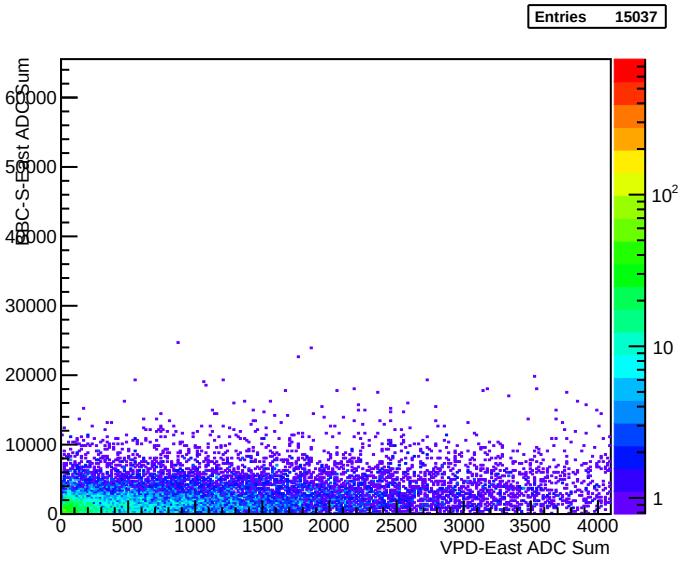

Entries 15037
TOF Mult
VPD-West ADC Sum

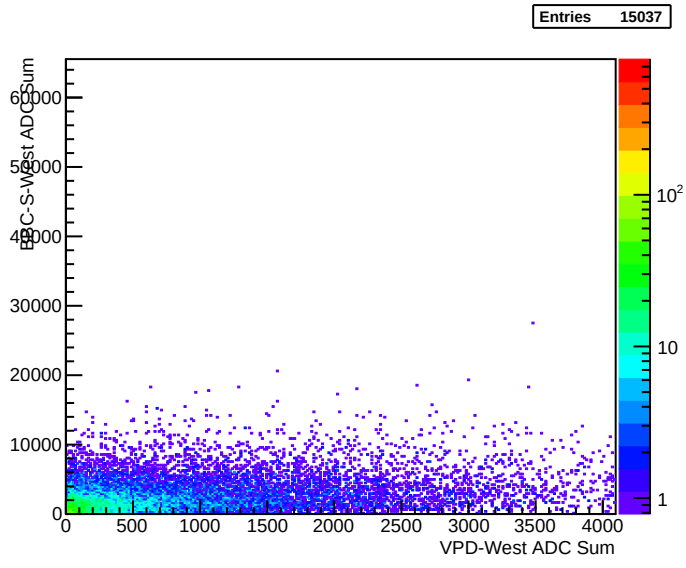

Entries 15037
TOF Mult
ZDC-East ADC Sum Att

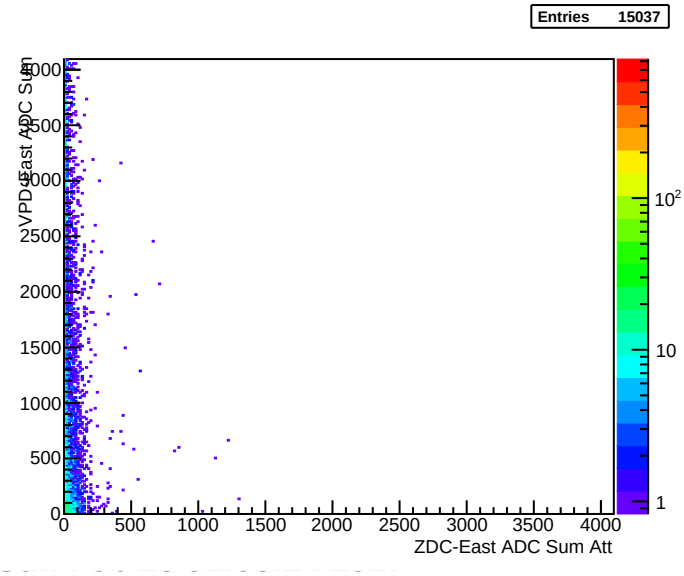

Entries 15037
TOF Mult
ZDC-West ADC Sum Att

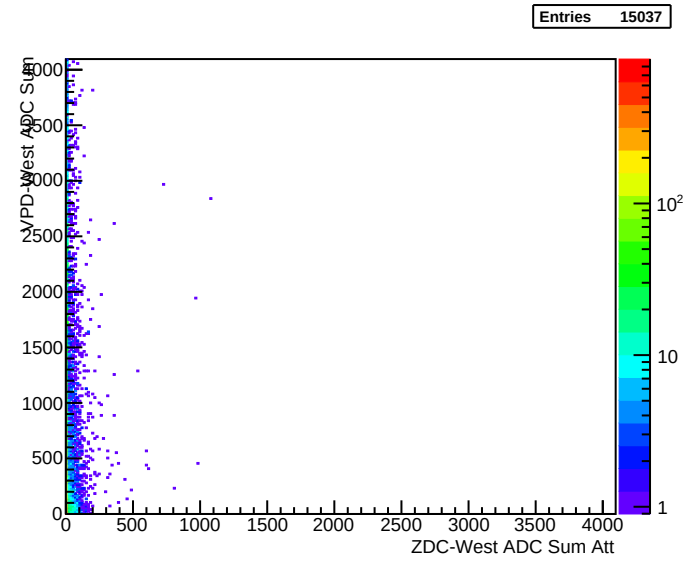

Entries 15037
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

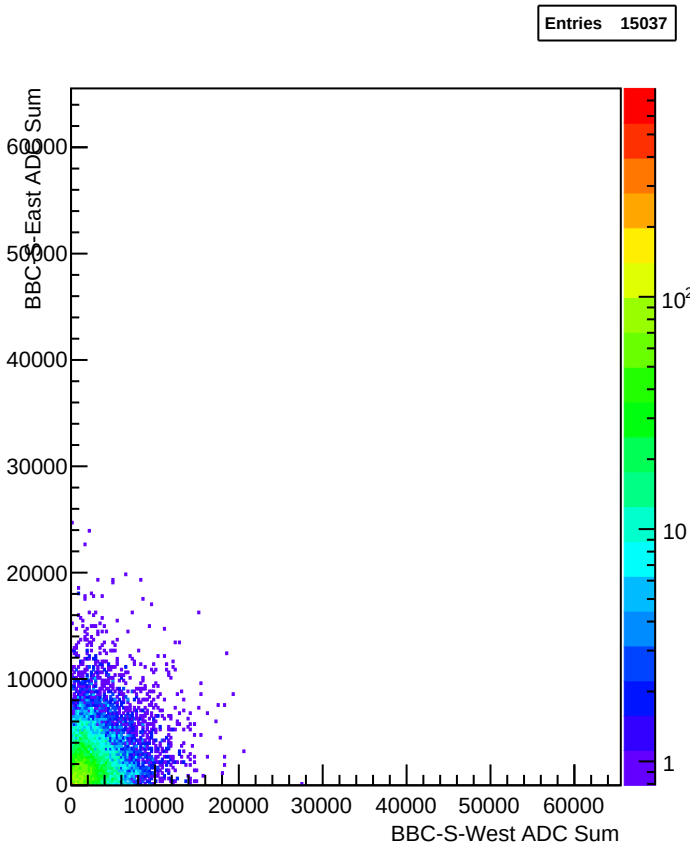

Entries 15037
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

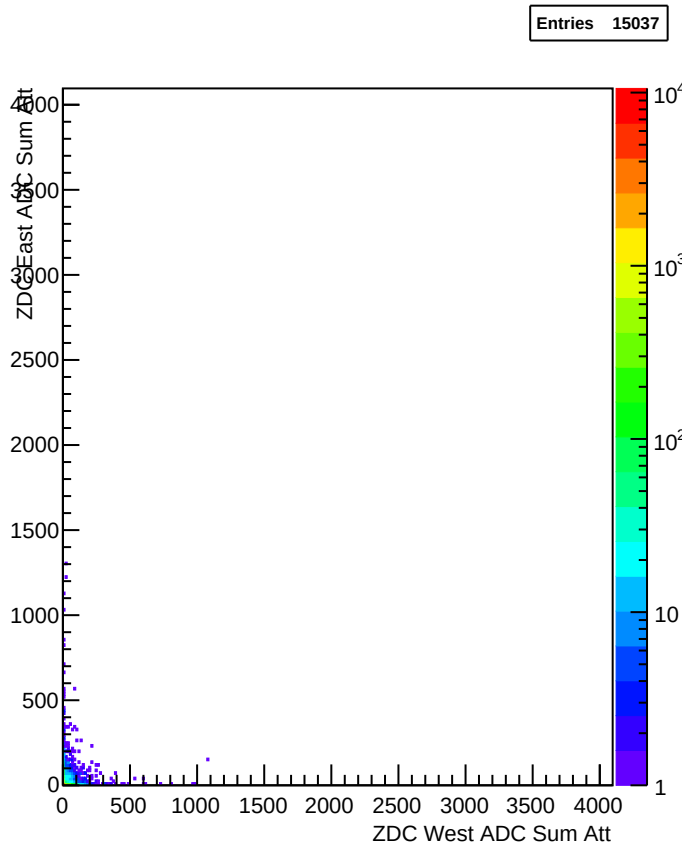

Entries 15037
BBC-S-East ADC Sum
VPD-East ADC Sum

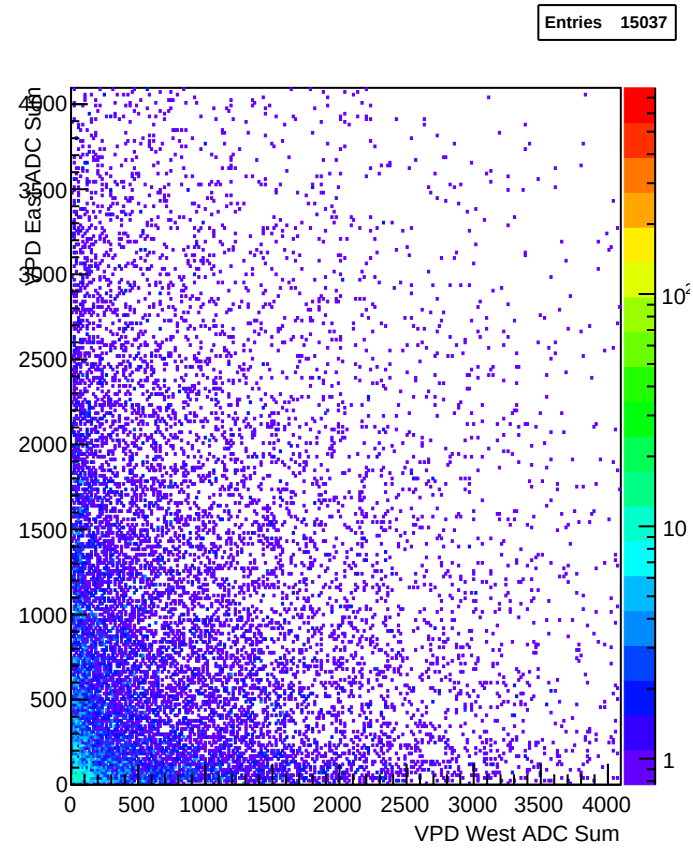

Entries 15037
BBC-S-West ADC Sum
VPD-West ADC Sum

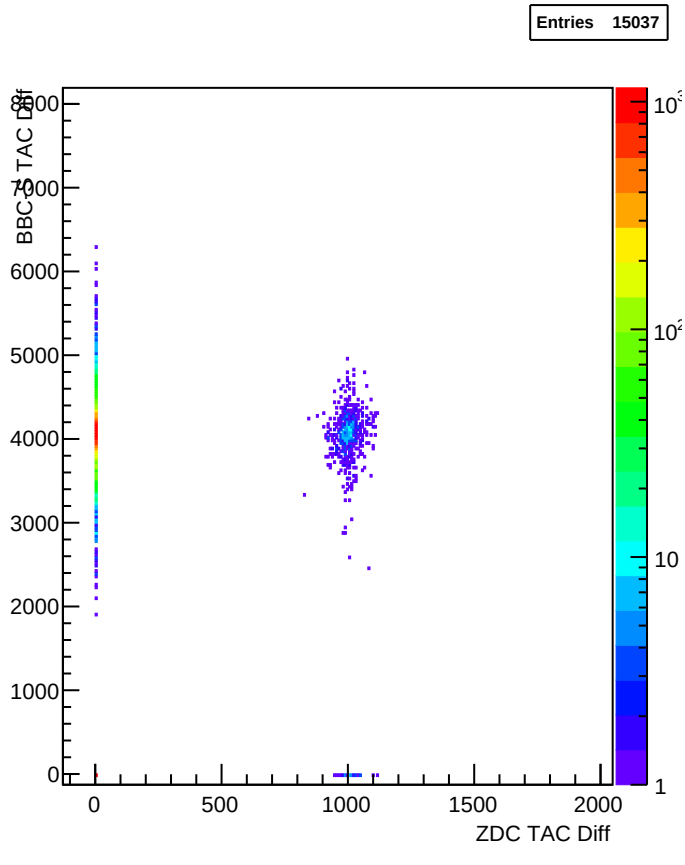

Entries 15037
VPD-East ADC Sum
ZDC-East ADC Sum Att

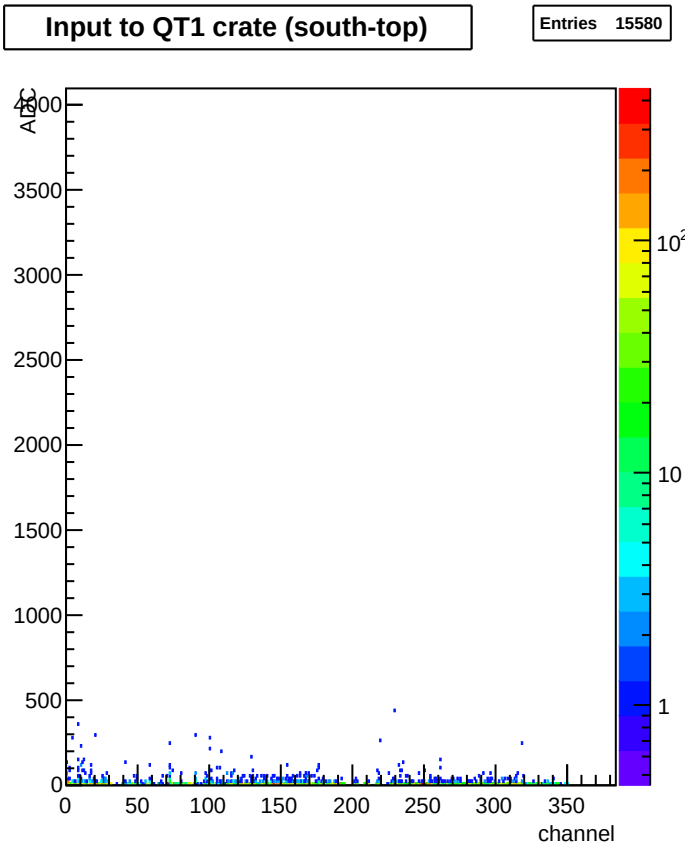

Entries 15037
VPD-West ADC Sum
ZDC-West ADC Sum Att

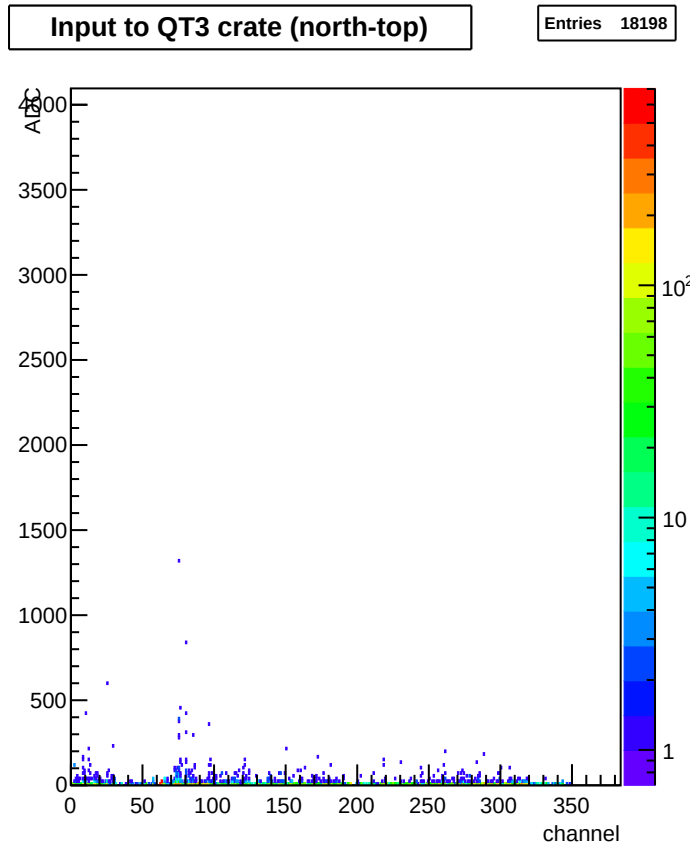

Entries 15037
BBC-S-East ADC Sum
BBC-S-West ADC Sum

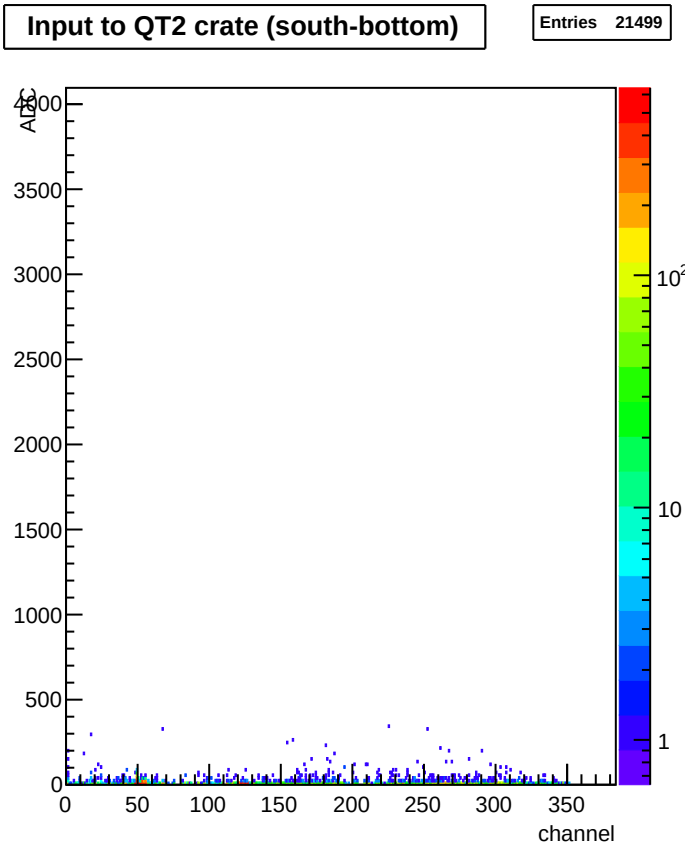

Entries 15037
ZDC East ADC Sum Att
ZDC West ADC Sum Att

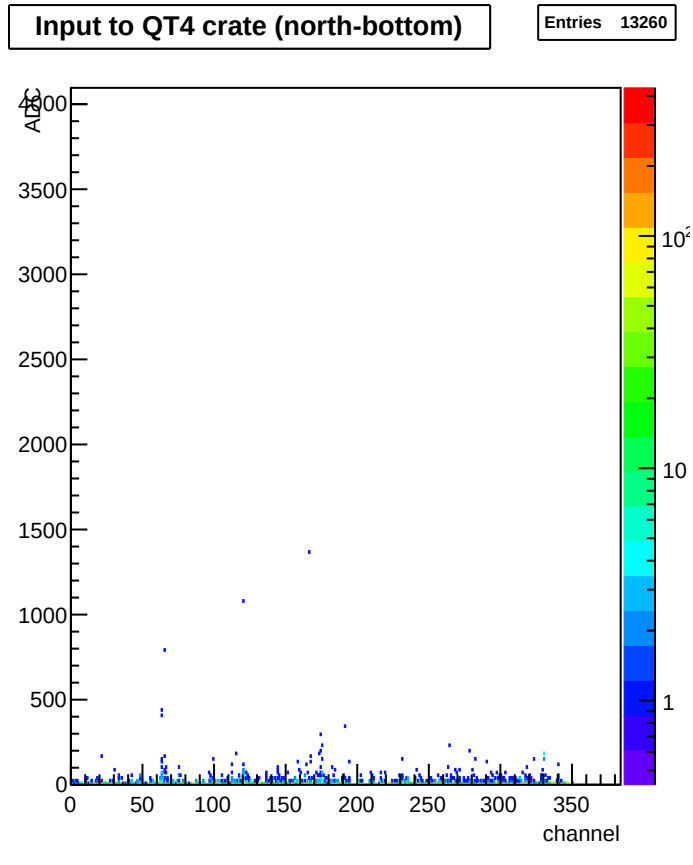

Entries 15037
VPD East ADC Sum
VPD West ADC Sum

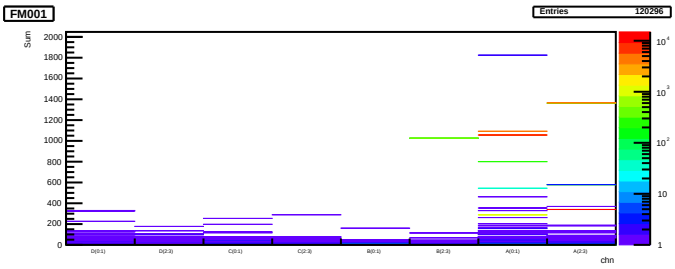

Entries 15037
BBC-S TAC Diff
ZDC TAC Diff

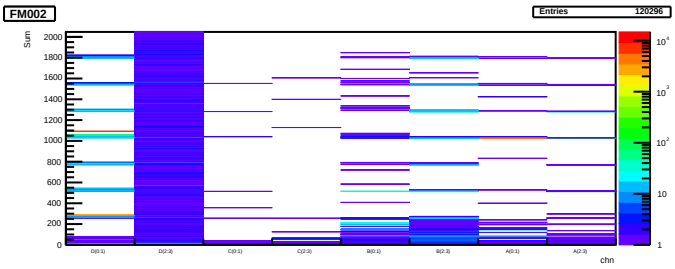

Input to QT1 crate (south-top)
Entries 15580
ADC
channel

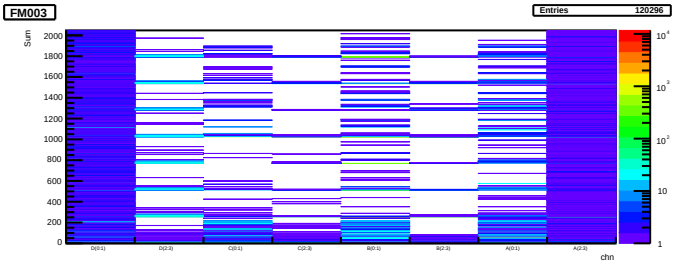

Input to QT3 crate (north-top)
Entries 18198
ADC
channel

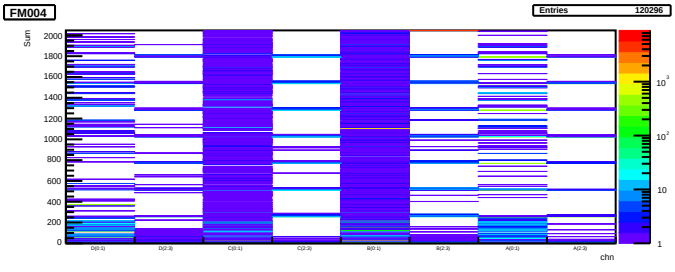

Input to QT2 crate (south-bottom)
Entries 21499
ADC
channel

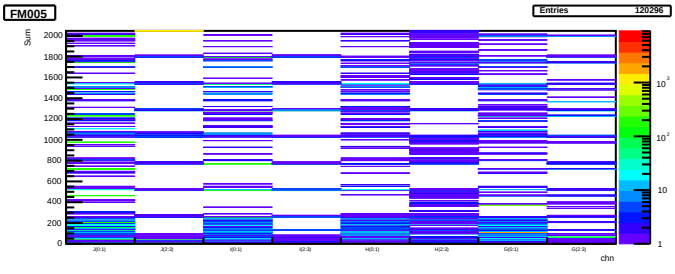

Input to QT4 crate (north-bottom)
Entries 13260
ADC
channel

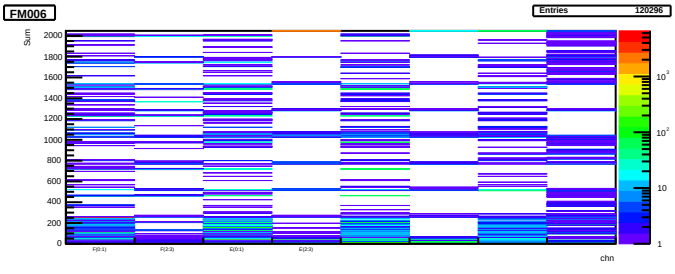

FM001
Entries 120296
Sum
chn

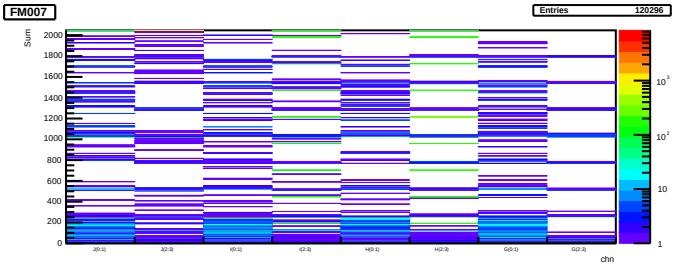

FM002
Entries 120296
Sum
chn

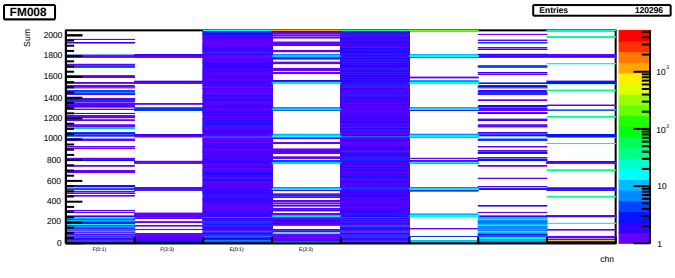

FM003
Entries 120296
Sum
chn

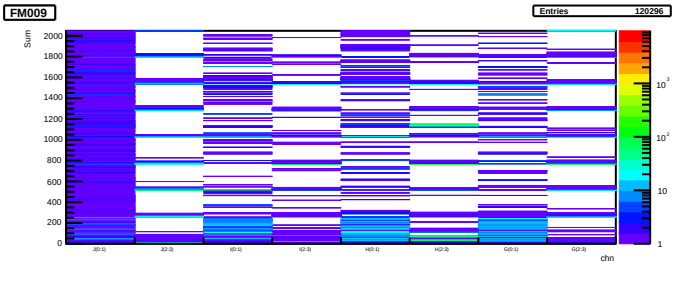

FM004
Entries 120296
Sum
chn

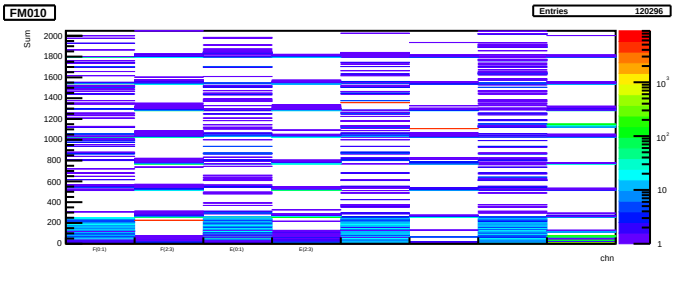

FM005
Entries 120296
Sum
chn

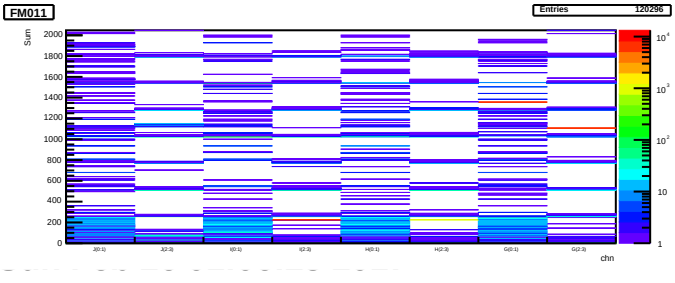

FM006
Entries 120296
Sum
chn

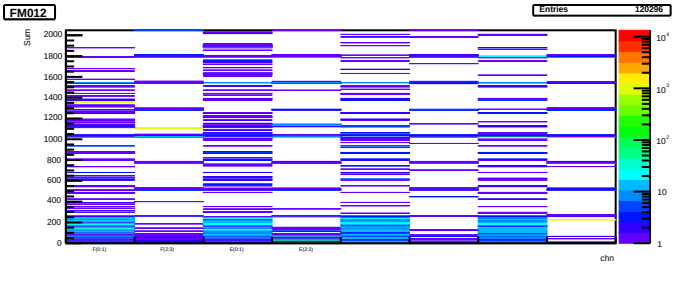

FM007
Entries 120296
Sum
chn

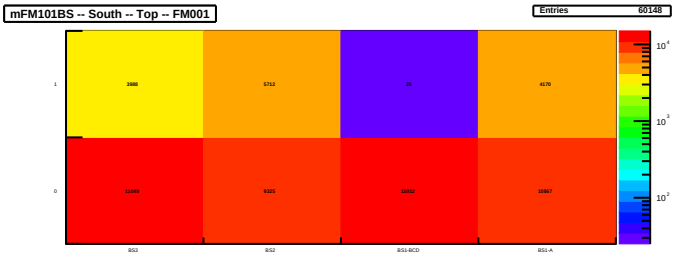

FM008
Entries 120296
Sum
chn

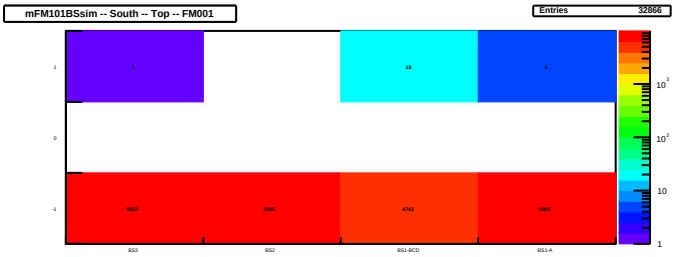

FM009
Entries 120296
Sum
chn

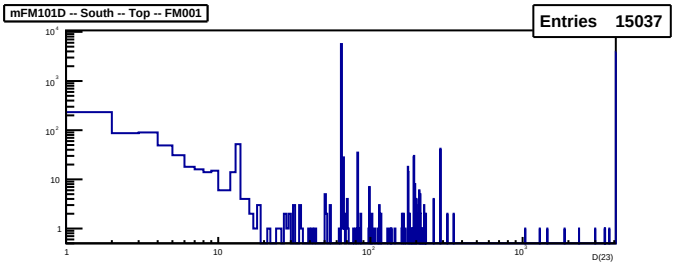

FM010
Entries 120296
Sum
chn

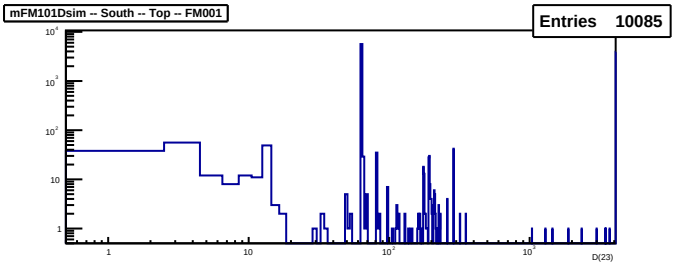

FM011
Entries 120296
Sum
chn


FM012
Entries 120296
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 60148


mFM101BSsim -- South -- Top -- FM001
Entries 32866


mFM101D -- South -- Top -- FM001
Entries 15037
D(23)


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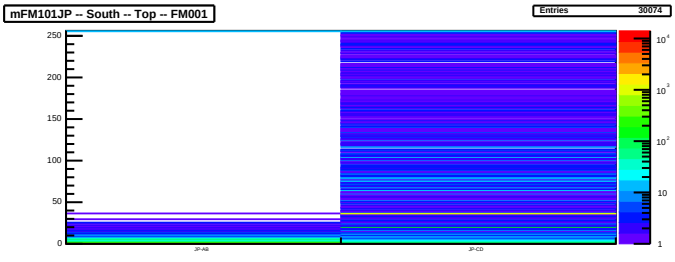
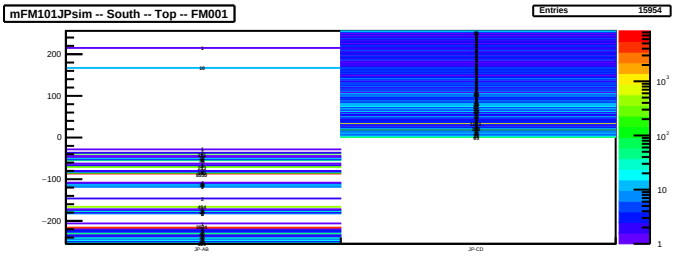
D(23)


mFM101JP -- South -- Top -- FM001
Entries 30074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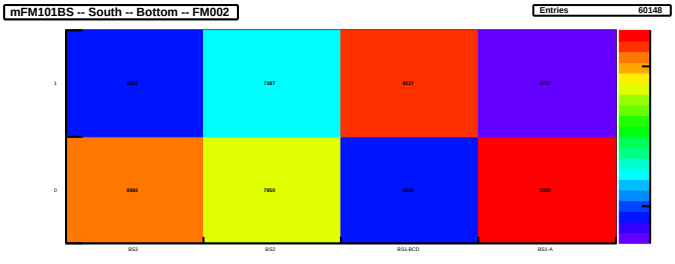
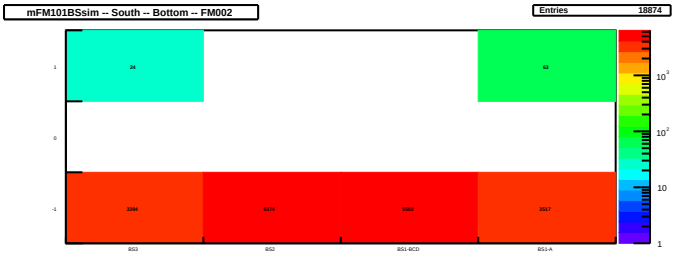

mFM101BS -- South -- Bottom -- FM002
Entries 60148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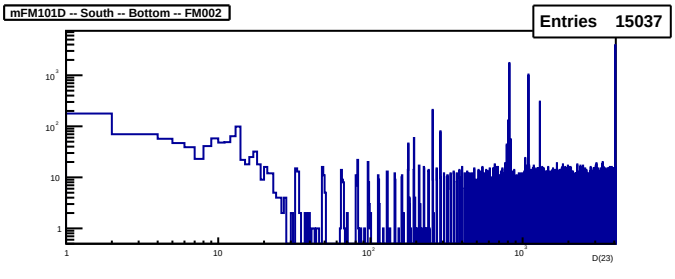
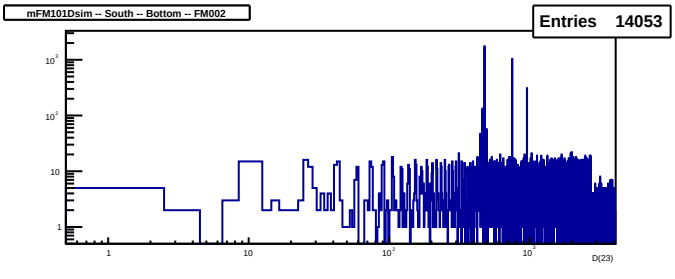
Entries 18874


mFM101D -- South -- Bottom -- FM002
Entries 15037
D(23)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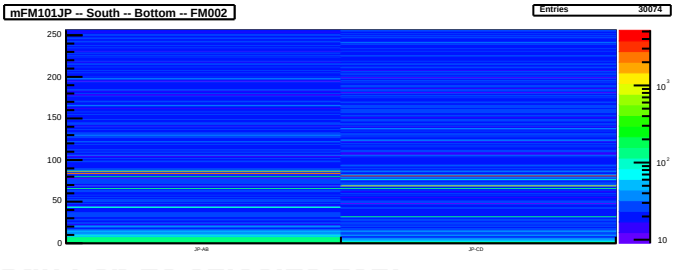
D(23)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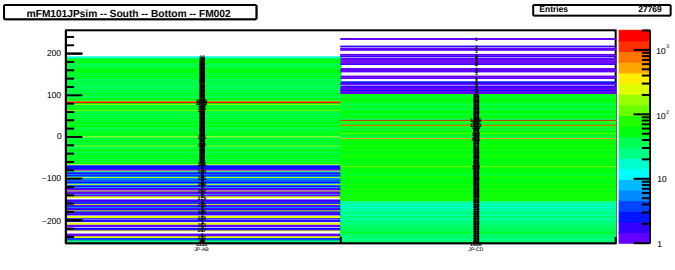
Entries 30074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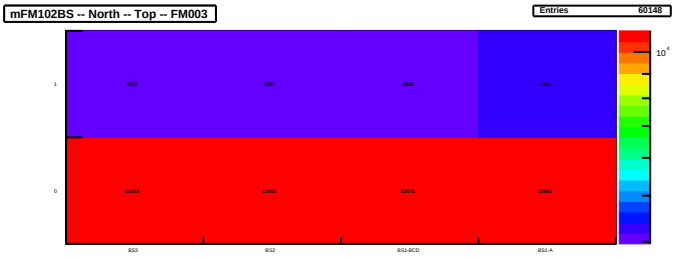
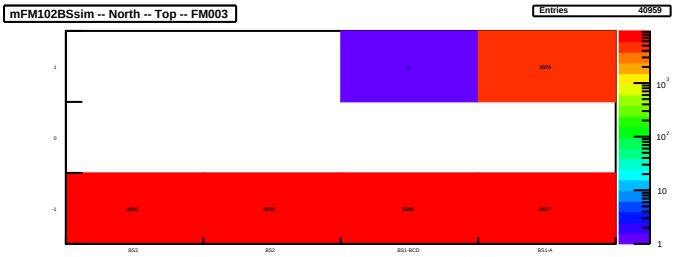

mFM102BS -- North -- Top -- FM003
Entries 60148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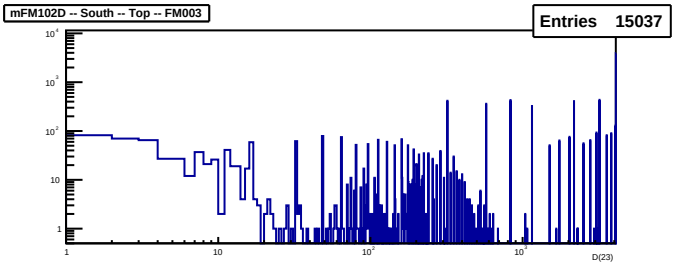
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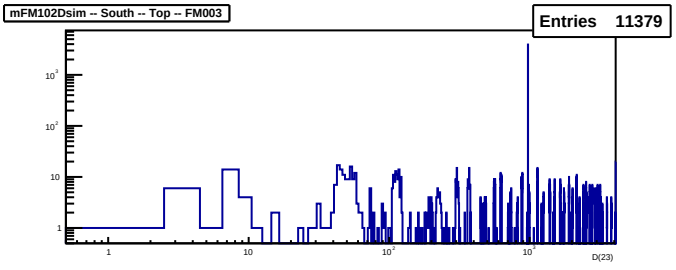
Entries 15037
D(23)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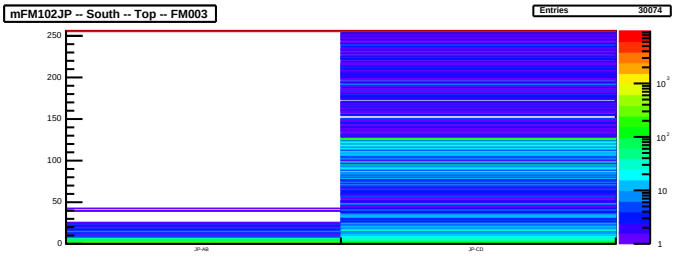
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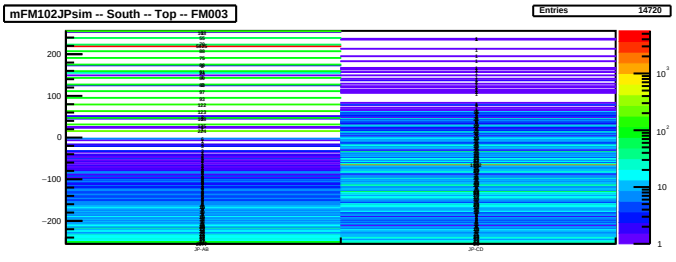
Entries 30074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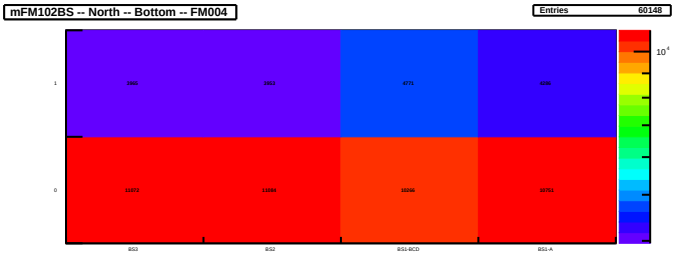
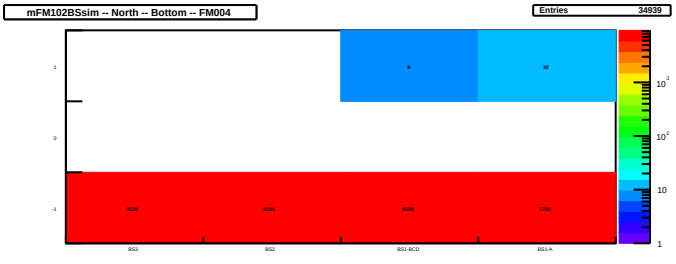

mFM102BS -- North -- Bottom -- FM004
Entries 60148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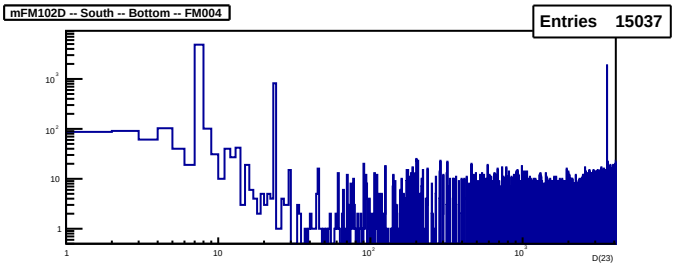
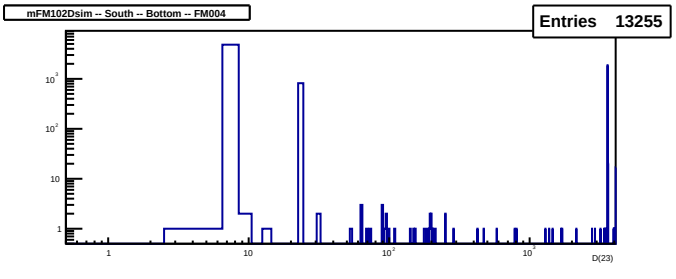

mFM102D -- South -- Bottom -- FM004
Entries 15037
D(23)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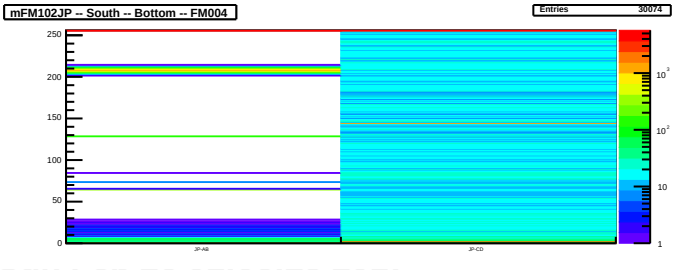
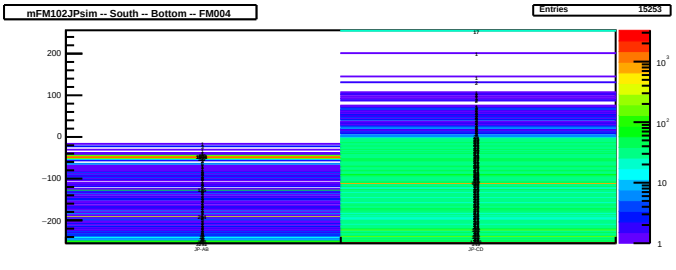

mFM102JP -- South -- Bottom -- FM004
Entries 30074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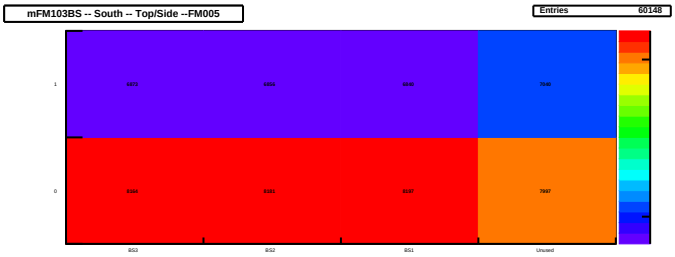
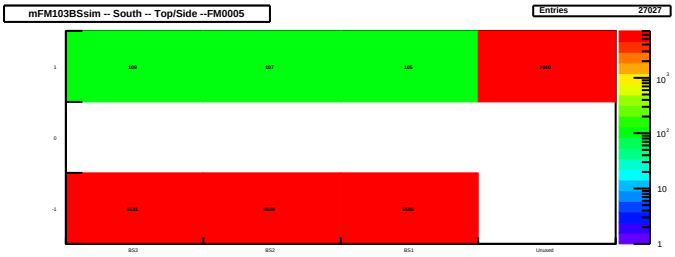
Entries 15253


mFM103BS -- South -- Top/Side --FM005
Entries 60148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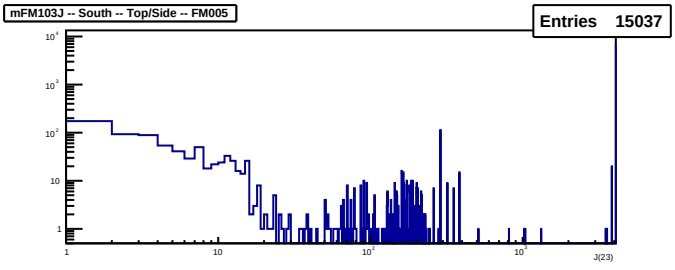
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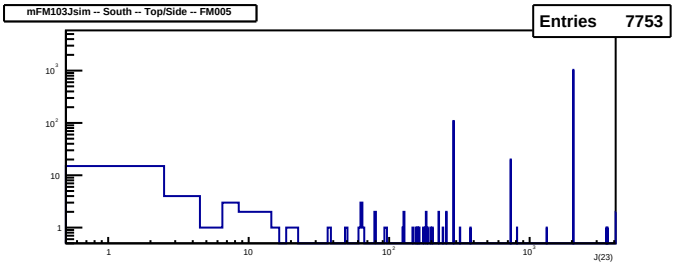
Entries 15037
J(23)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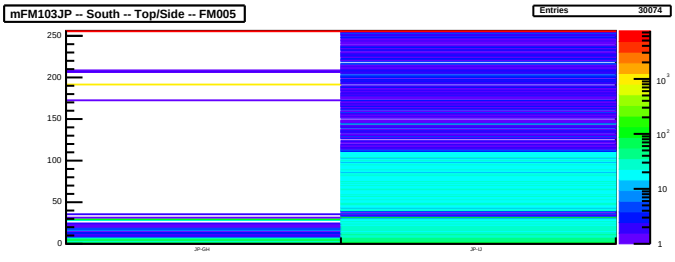
J(23)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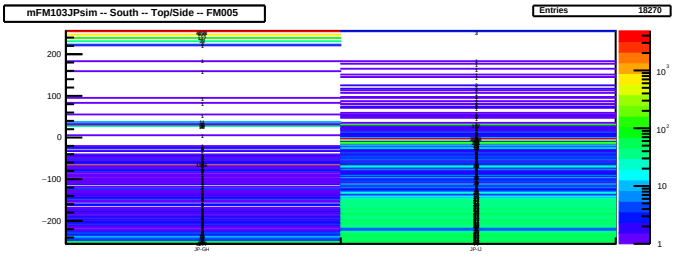
Entries 30074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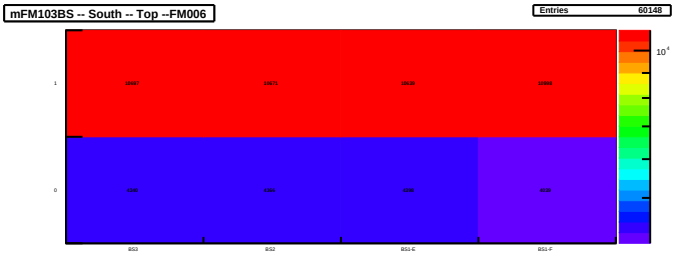
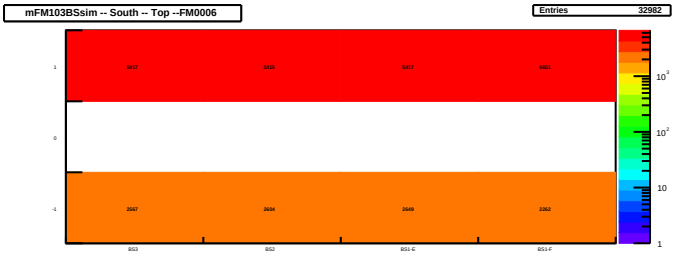

mFM103BS -- South -- Top --FM006
Entries 60148


mFM103BSsim -- South -- Top --FM0006
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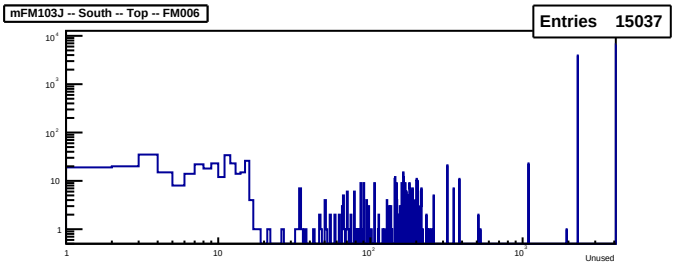
mFM103J -- South -- Top -- FM006
Entries 15037
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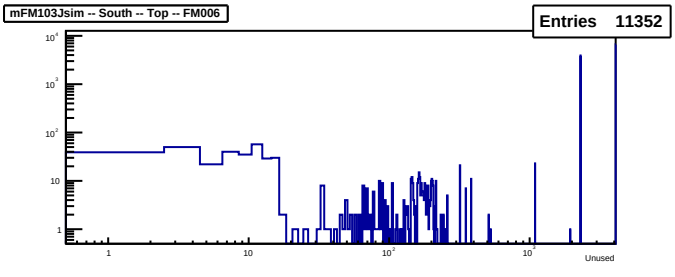
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Entries 11352
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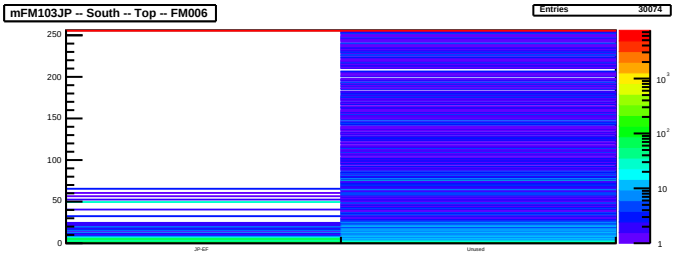
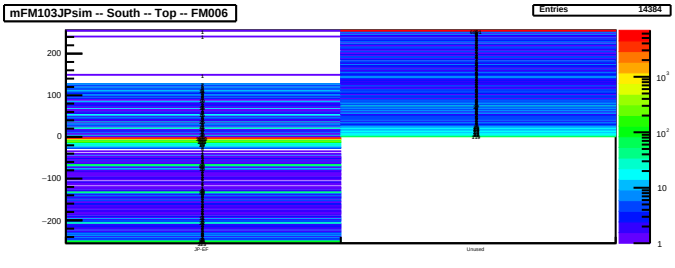

mFM103JP -- South -- Top -- FM006
Entries 30074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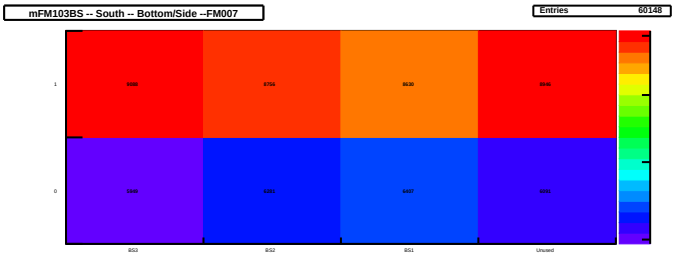
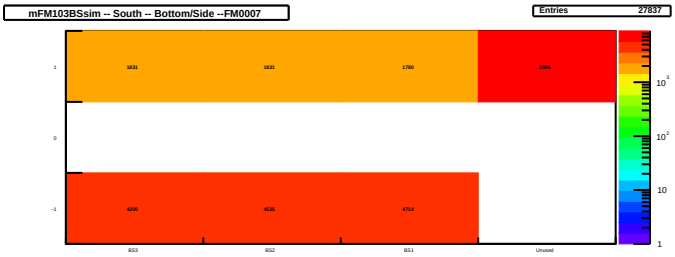
Entries 14384


mFM103BS -- South -- Bottom/Side --FM007
Entries 60148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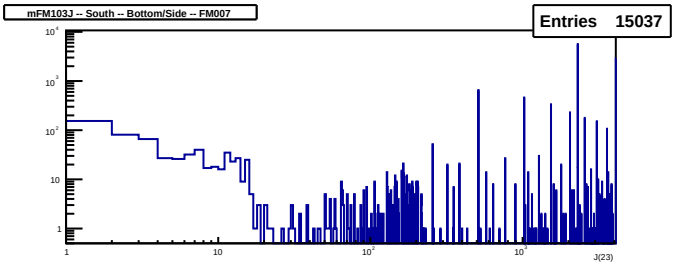
Entries 27837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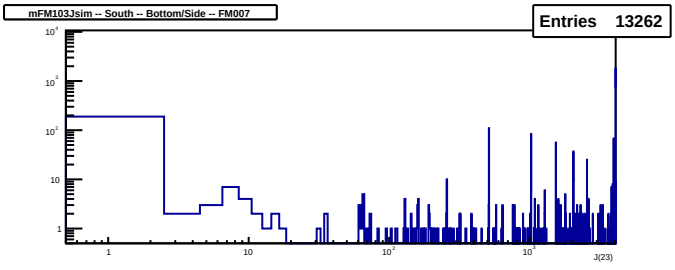
Entries 15037
J(23)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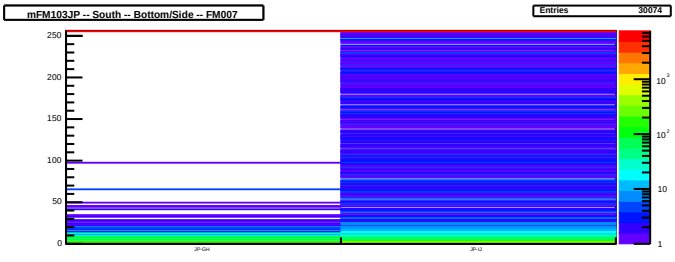
J(23)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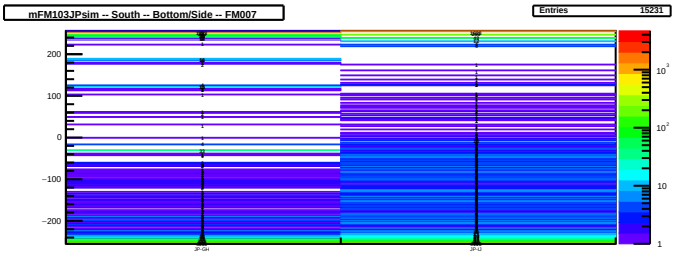
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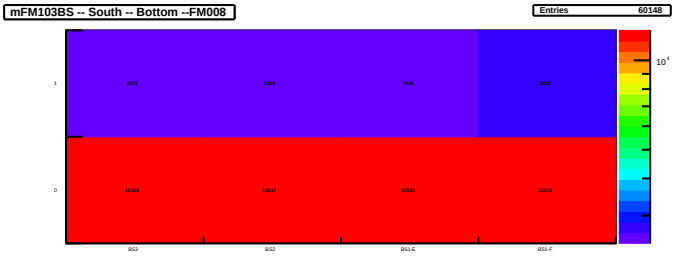
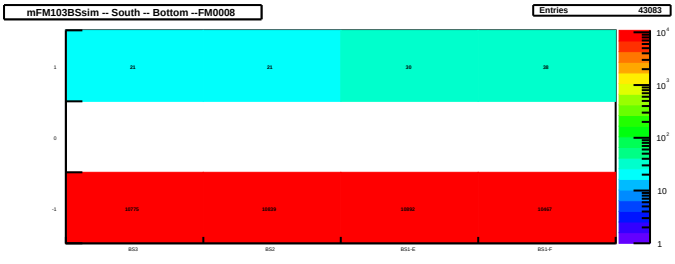

mFM103BS -- South -- Bottom --FM008
Entries 60148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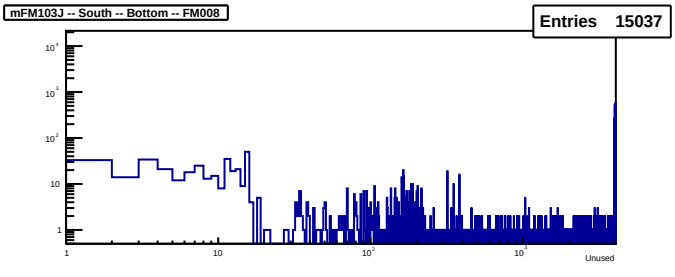
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Entries 15037
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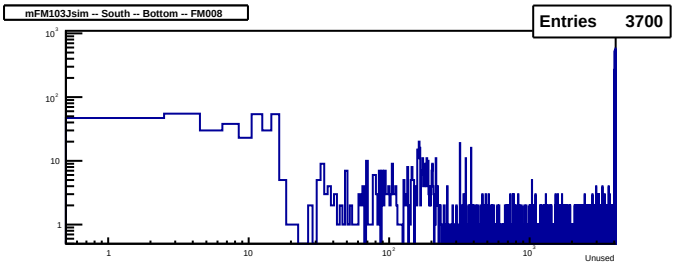
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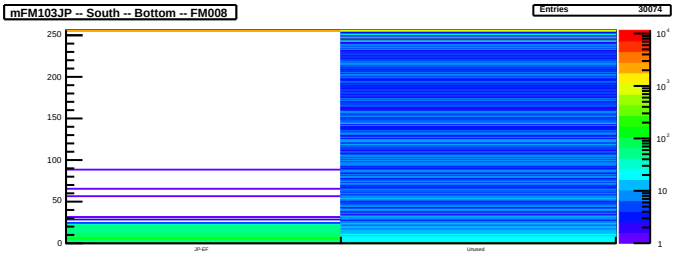
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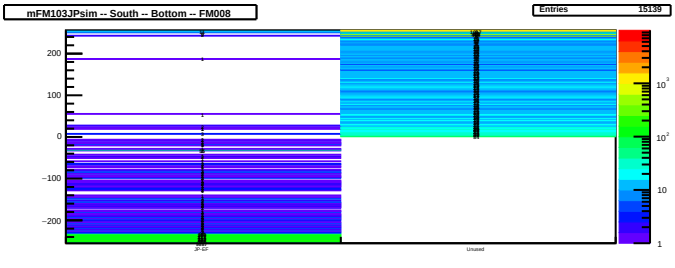
Entries 30074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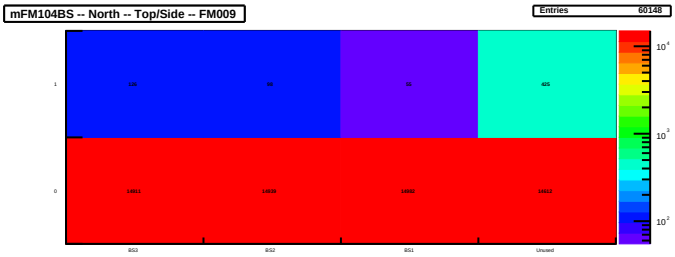
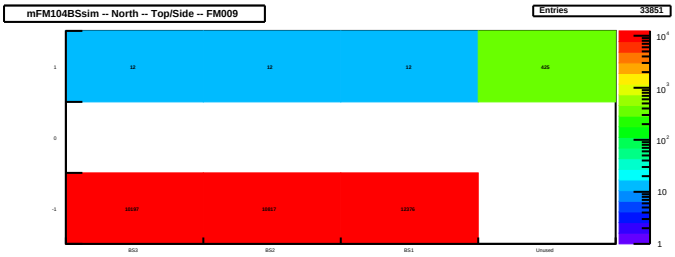

mFM104BS -- North -- Top/Side -- FM009
Entries 60148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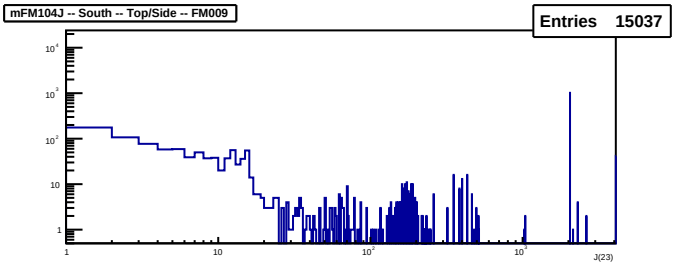
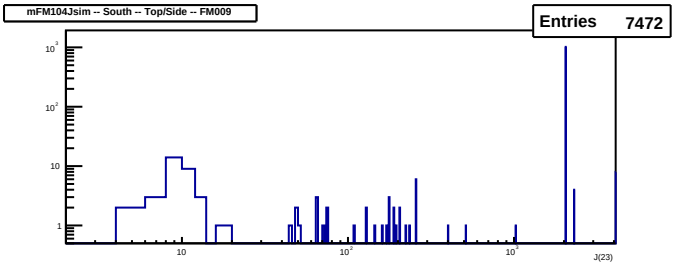

mFM104J -- South -- Top/Side -- FM009
Entries 15037
J(23)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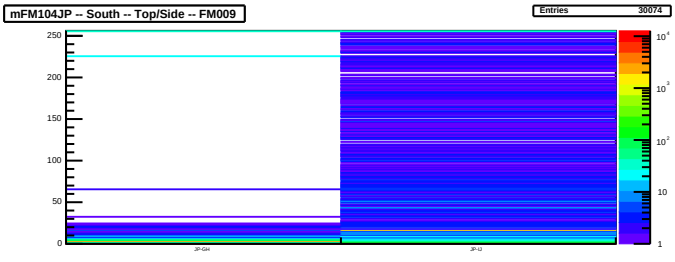
Entries 7472
J(23)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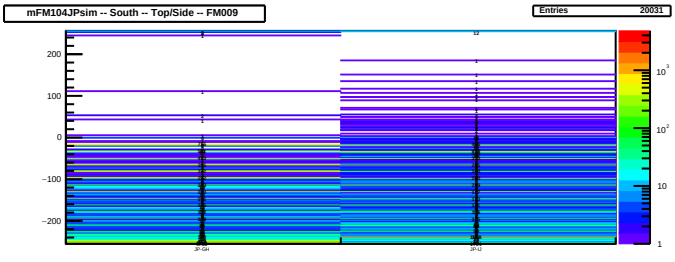
Entries 30074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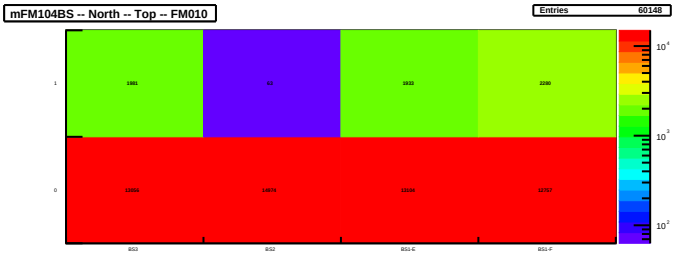
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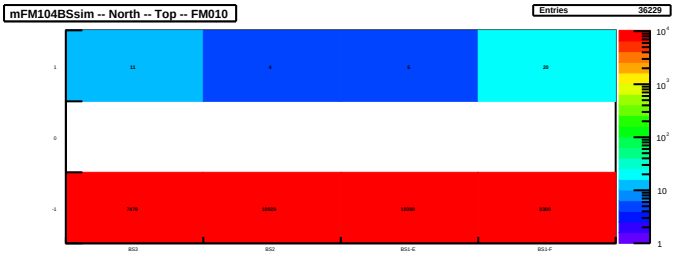
Entries 60148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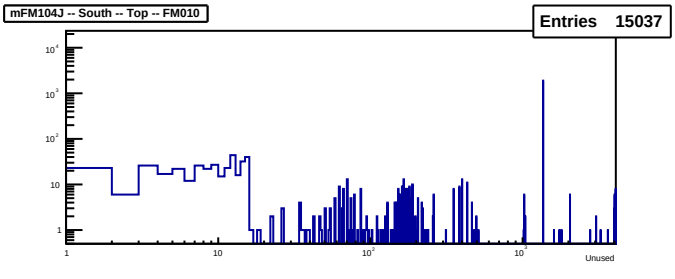
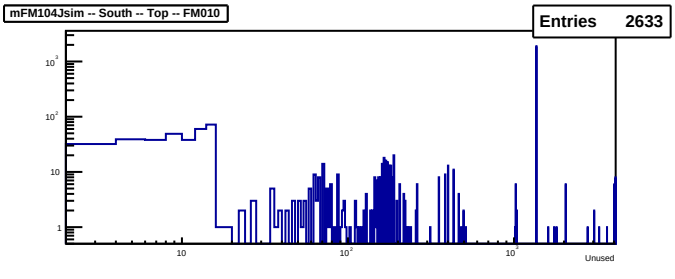
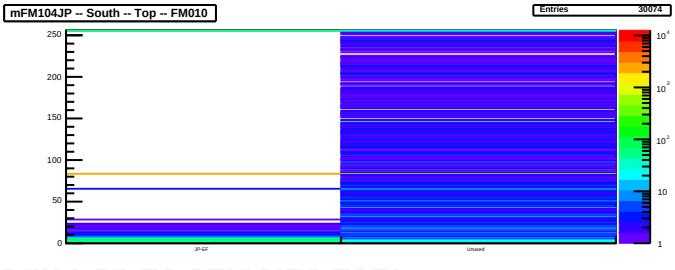
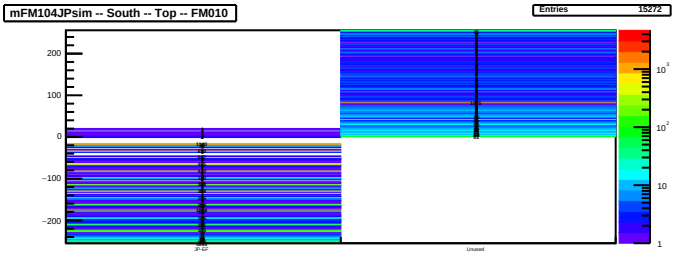
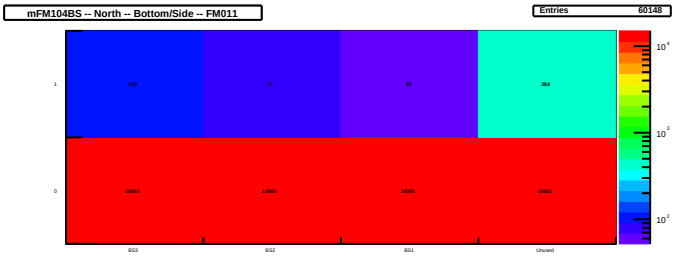
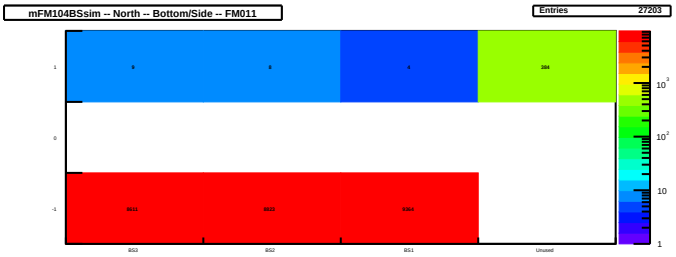

mFM104J -- South -- Top -- FM010
Entries 15037
Unused

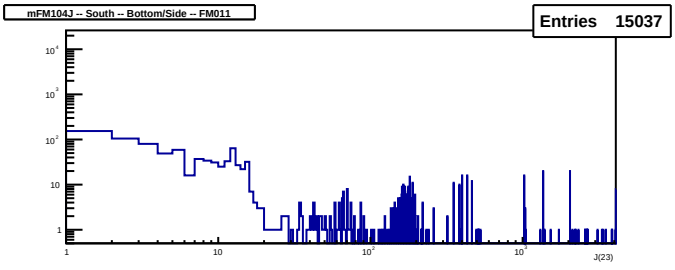

mFM104Jsim -- South -- Top -- FM010
Entries 2633
Unused

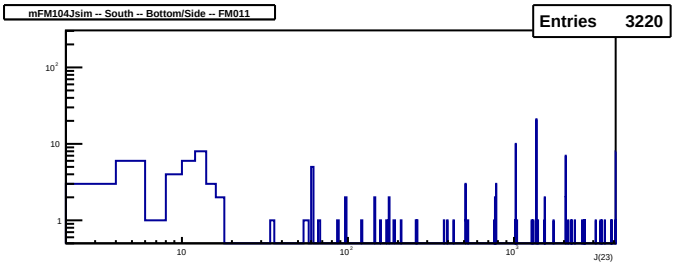

mFM104JP -- South -- Top -- FM010
Entries 30074

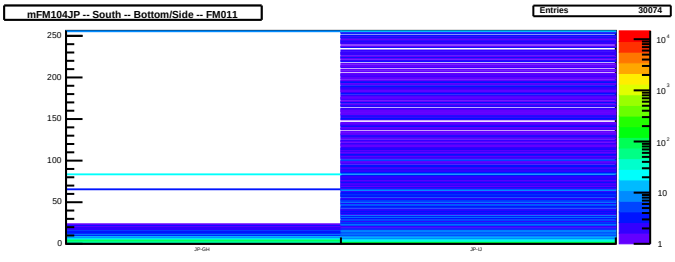

mFM104JPsim -- South -- Top -- FM010
Entries 15272

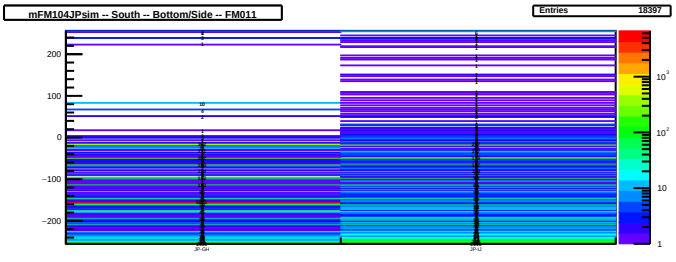

mFM104BS -- North -- Bottom/Side -- FM011
Entries 60148

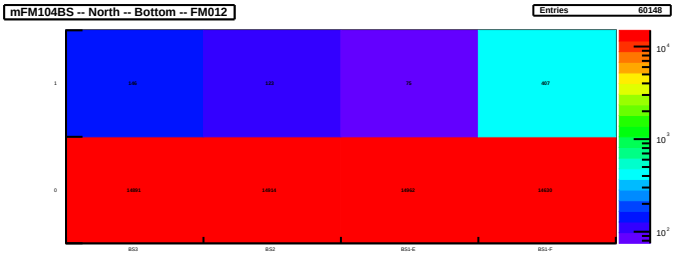

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 27203

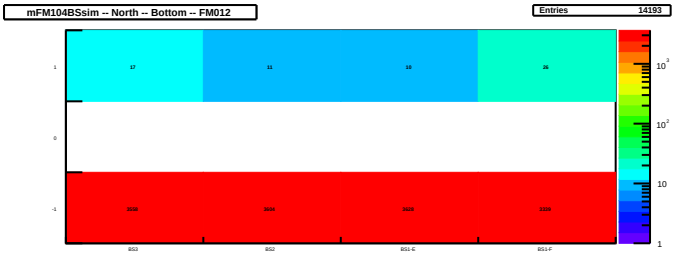

mFM104J -- South -- Bottom/Side -- FM011
Entries 15037
J(23)

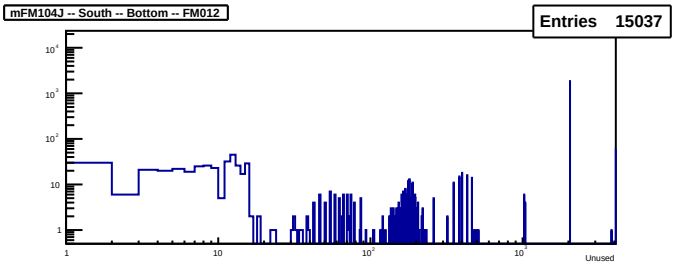

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 3220
J(23)

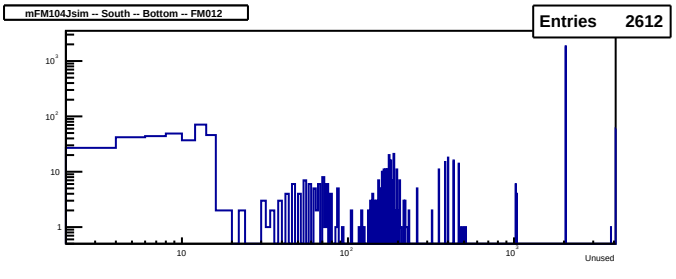

mFM104JP -- South -- Bottom/Side -- FM011
Entries 30074

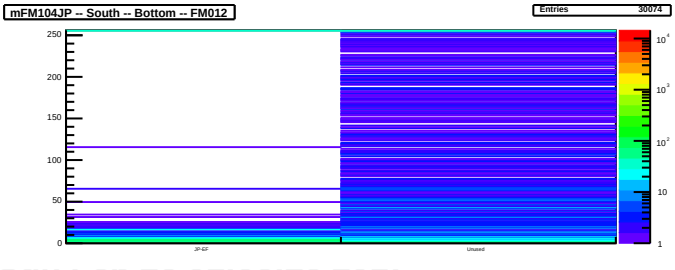

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 18397

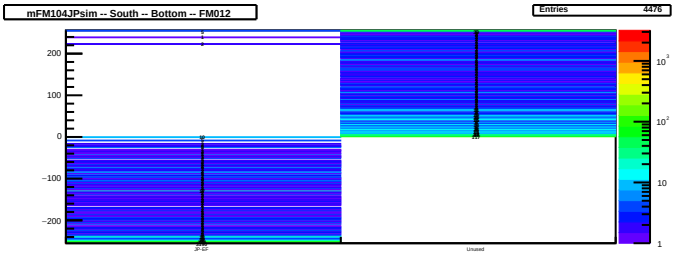

mFM104BS -- North -- Bottom -- FM012
Entries 60148

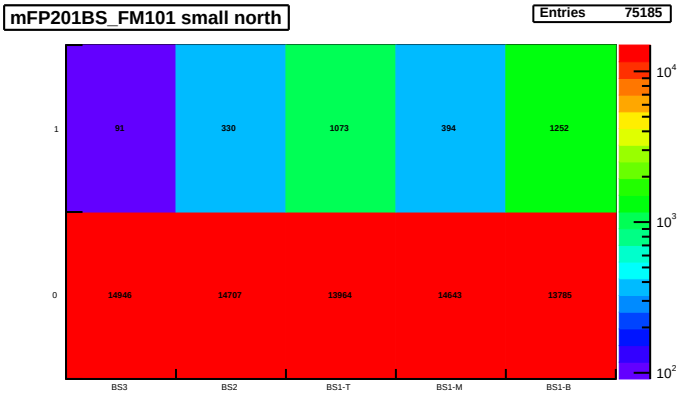

mFM104BSsim -- North -- Bottom -- FM012
Entries 14193

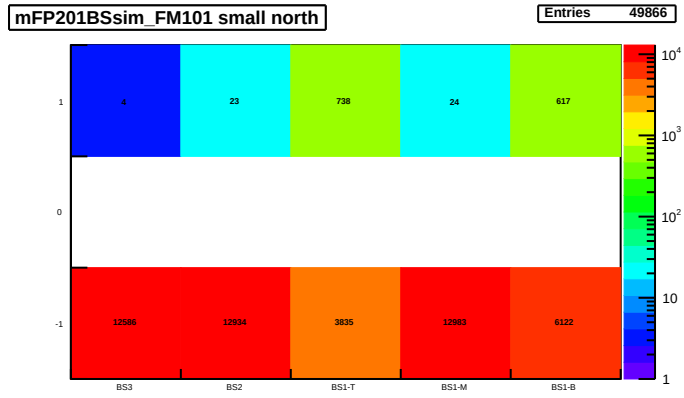

mFM104J -- South -- Bottom -- FM012
Entries 15037
Unused

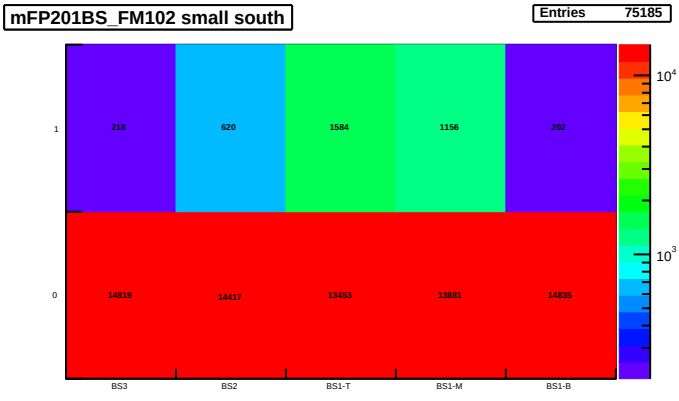

mFM104Jsim -- South -- Bottom -- FM012
Entries 2612
Unused

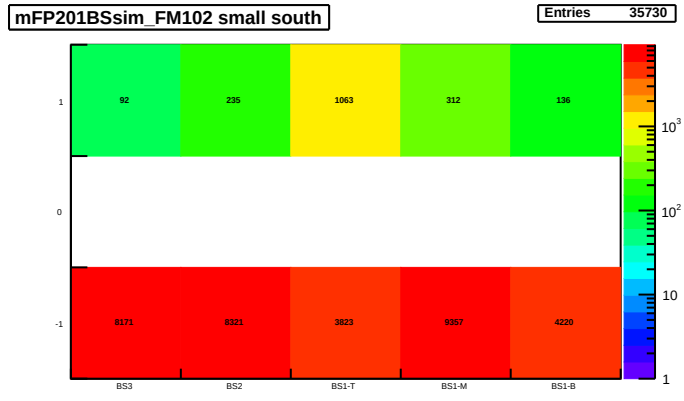

mFM104JP -- South -- Bottom -- FM012
Entries 30074

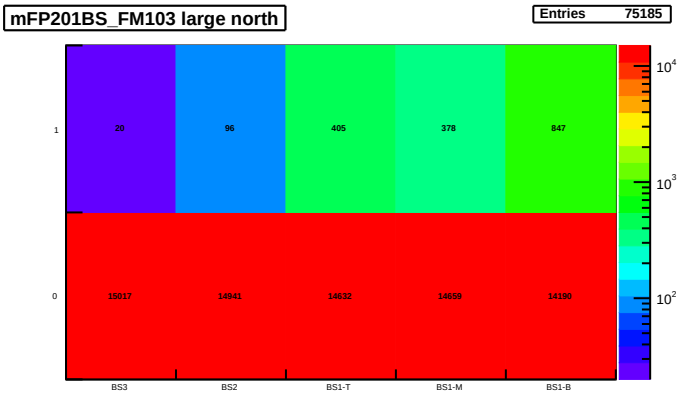

mFM104JPsim -- South -- Bottom -- FM012
Entries 4476

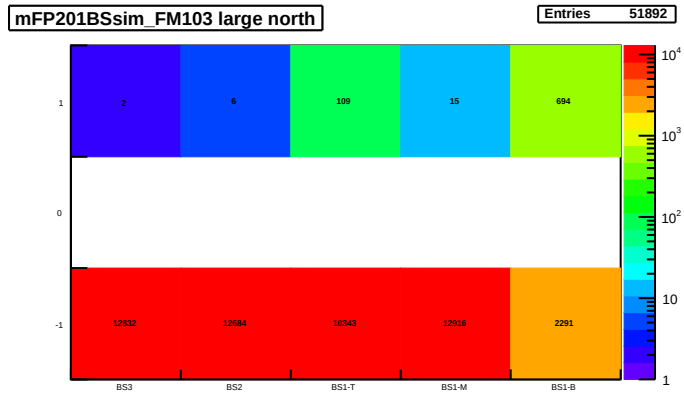

mFP201BS_FM101 small north
Entries 75185
1
0
91
330
1073
394
1252
14946
14707
13964
14643
13785
BS3
BS2
BS1-T
BS1-M
BS1-B
10^4
10^3
10^2

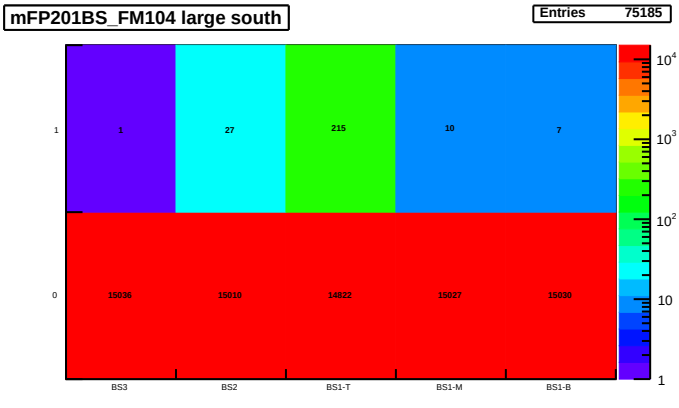

mFP201BSsim_FM101 small north
Entries 49866
1
0
-1
4
23
738
24
617
12586
12934
3835
12983
6122
BS3
BS2
BS1-T
BS1-M
BS1-B
10^4
10^3
10^2
10
1

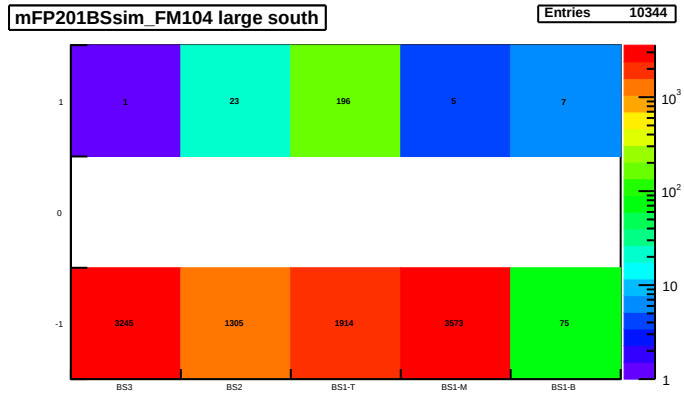

mFP201BS_FM102 small south
Entries 75185
1
0
218
620
1584
1156
202
14819
14417
13453
13881
14835
BS3
BS2
BS1-T
BS1-M
BS1-B
10^4
10^3

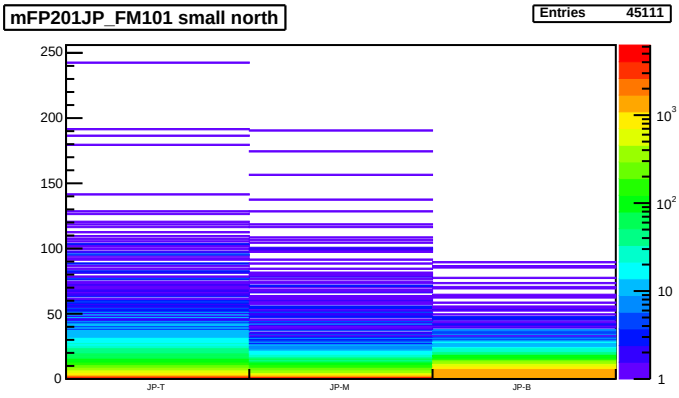

mFP201BSsim_FM102 small south
Entries 35730
1
0
-1
92
235
1063
312
136
8171
8321
3823
9357
4220
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2
10
1

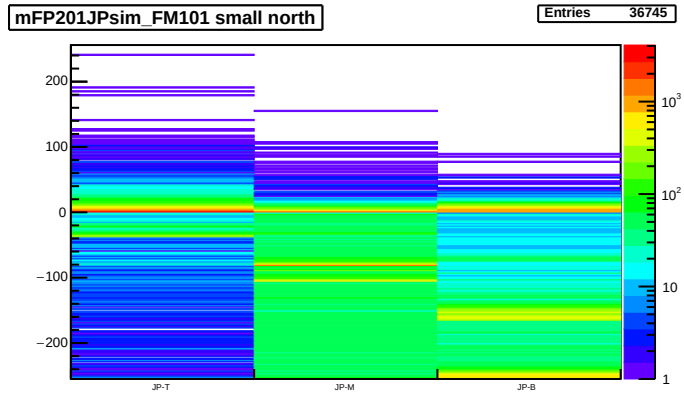

mFP201BS_FM103 large north
Entries 75185
1
0
20
96
405
378
847
15017
14941
14632
14659
14190
BS3
BS2
BS1-T
BS1-M
BS1-B
10^4
10^3
10^2

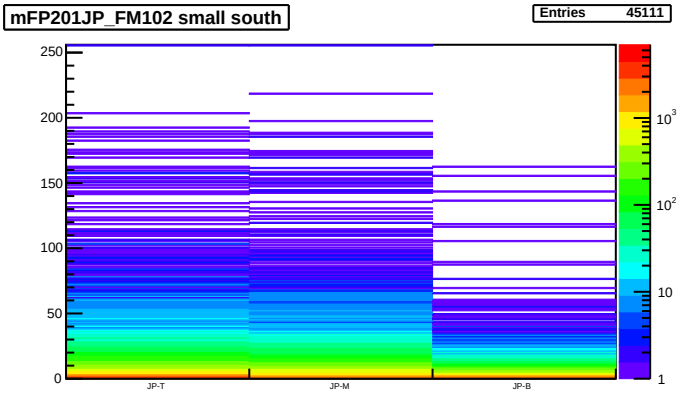

mFP201BSsim_FM103 large north
Entries 51892
1
0
-1
2
6
109
15
694
12832
12684
10343
12916
2291
BS3
BS2
BS1-T
BS1-M
BS1-B
10^4
10^3
10^2
10
1

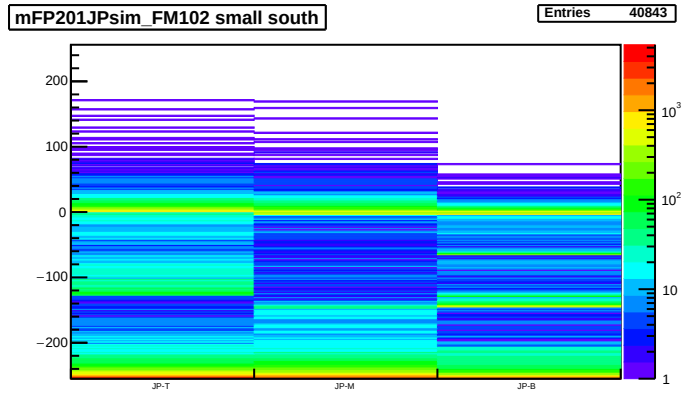

mFP201BS_FM104 large south
Entries 75185
1
0
1
27
215
10
7
15036
15010
14822
15027
15030
BS3
BS2
BS1-T
BS1-M
BS1-B
10^4
10^3
10^2
10
1

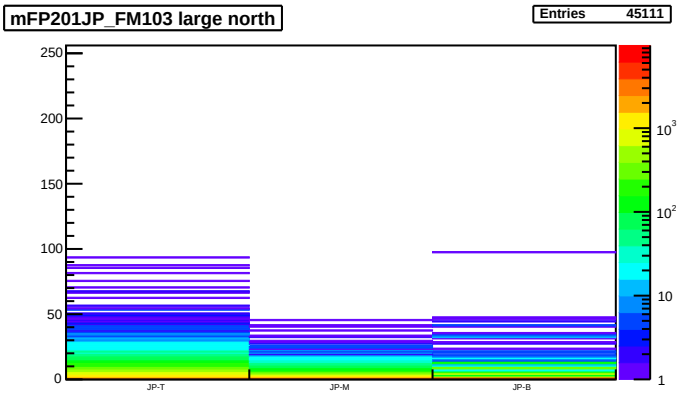

mFP201BSsim_FM104 large south
Entries 10344
1
0
-1
1
23
196
5
7
3245
1305
1914
3573
75
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2
10
1

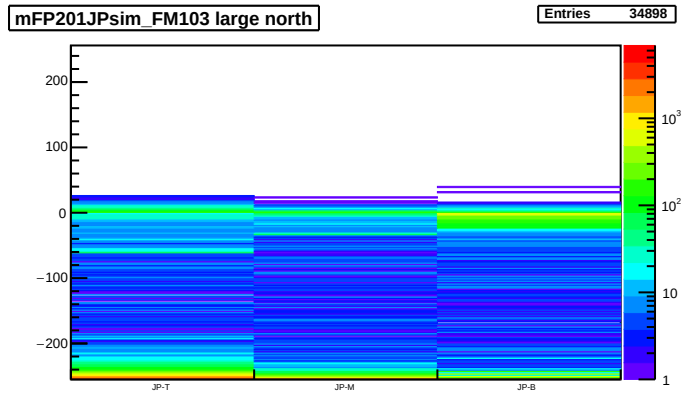

mFP201JP_FM101 small north
Entries 45111
JP-T
JP-M
JP-B

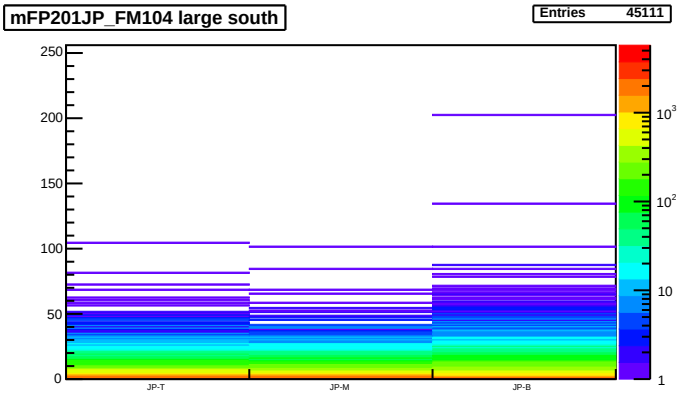

mFP201JPsim_FM101 small north
Entries 36745
JP-T
JP-M
JP-B

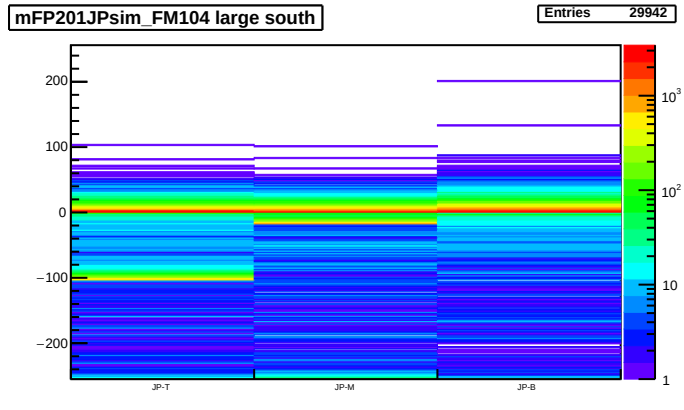

mFP201JP_FM102 small south
Entries 45111
JP-T
JP-M
JP-B

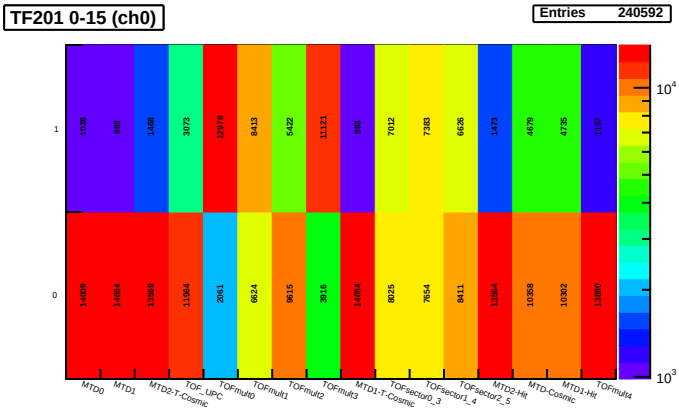

mFP201JPsim_FM102 small south
Entries 40843
JP-T
JP-M
JP-B

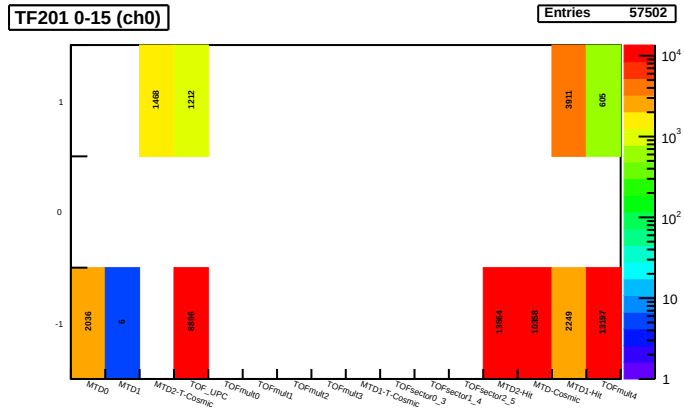

mFP201JP_FM103 large north
Entries 45111
JP-T
JP-M
JP-B

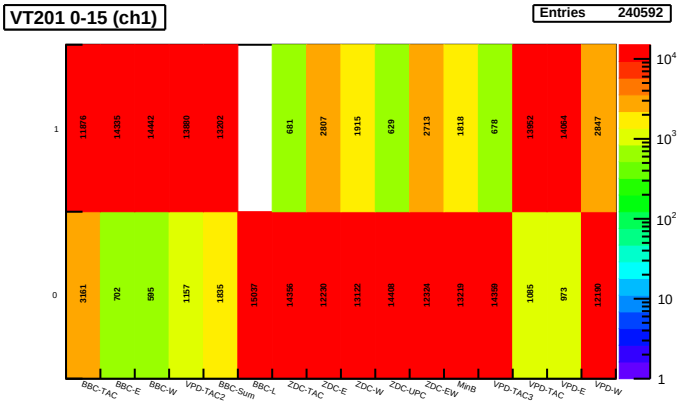

mFP201JPsim_FM103 large north
Entries 34898
JP-T
JP-M
JP-B

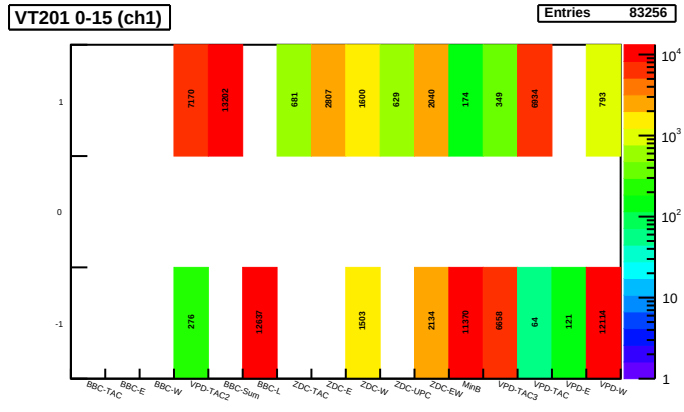

mFP201JP_FM104 large south
Entries 45111
JP-T
JP-M
JP-B

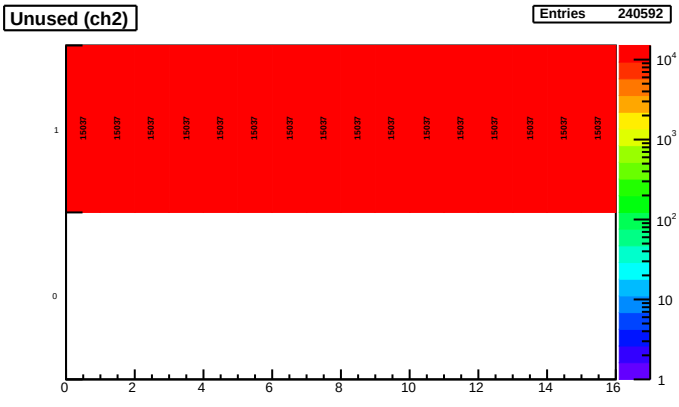

mFP201JPsim_FM104 large south
Entries 29942
JP-T
JP-M
JP-B

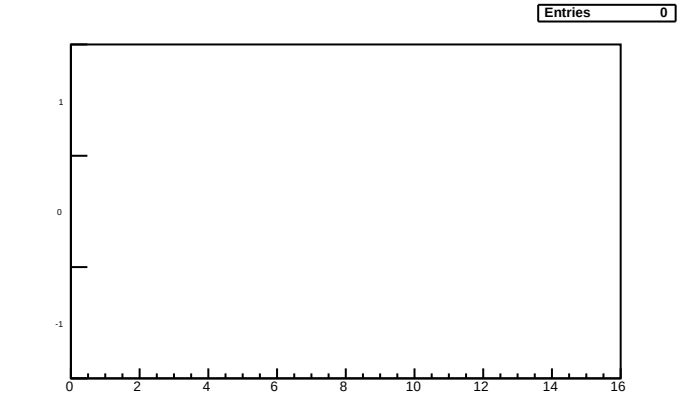

TF201 0-15 (ch0)
Entries 240592
1028 993 1468 3073 12976 8413 5422 11121 993 7012 7383 6626 1473 4679 4735 1157
14009 14064 13369 11964 2061 6624 9615 3916 14064 8025 7654 8411 13964 10358 10302 13380
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

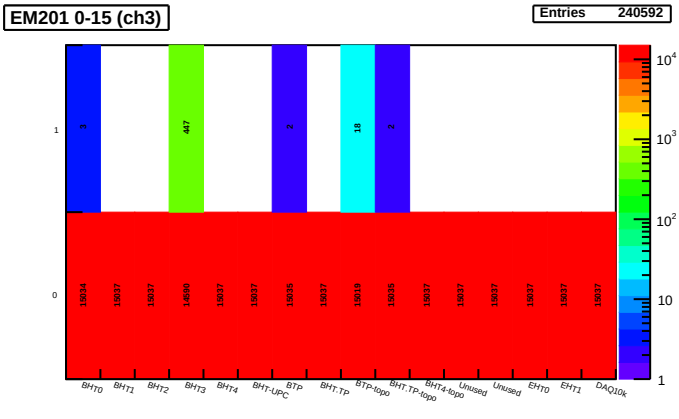

TF201 0-15 (ch0)
Entries 57502
1468 1212 3911 605
2036 6 8896 13964 10358 2249 13397
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

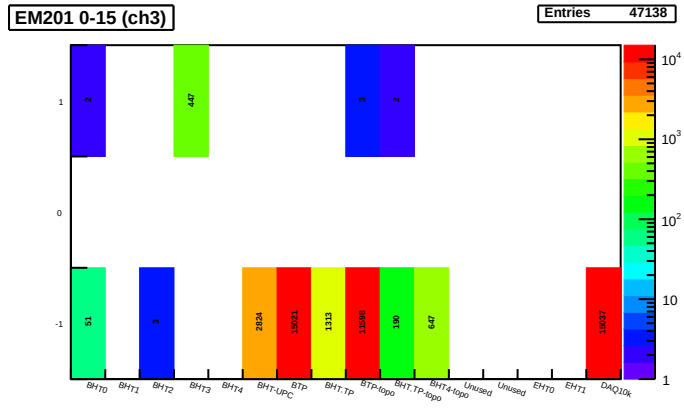

VT201 0-15 (ch1)
Entries 240592
11876 14335 14442 13880 13202 681 2807 1915 629 2713 1818 678 13952 14064 2847
3161 702 895 1157 1835 15037 14336 12230 13122 14408 12334 13219 14359 1085 973 12190
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

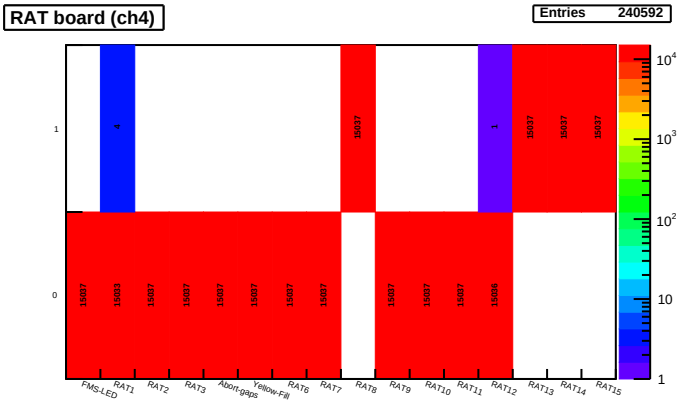

VT201 0-15 (ch1)
Entries 83256
7170 13202 681 2807 1600 629 2040 174 349 6934 793
276 12637 1503 2134 11370 6658 64 121 12114
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

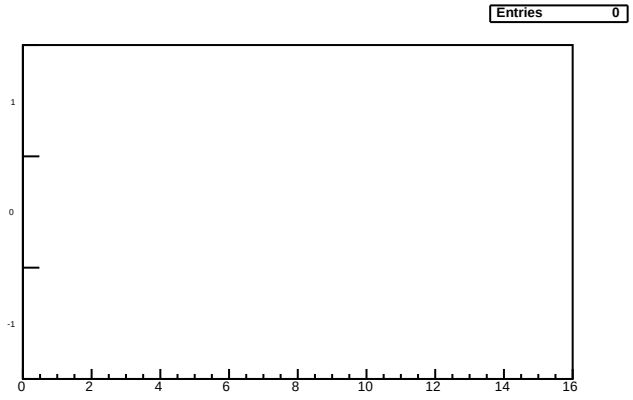

Unused (ch2)
Entries 240592
15037 15037 15037 15037 15037 15037 15037 15037 15037 15037 15037 15037 15037 15037 15037 15037

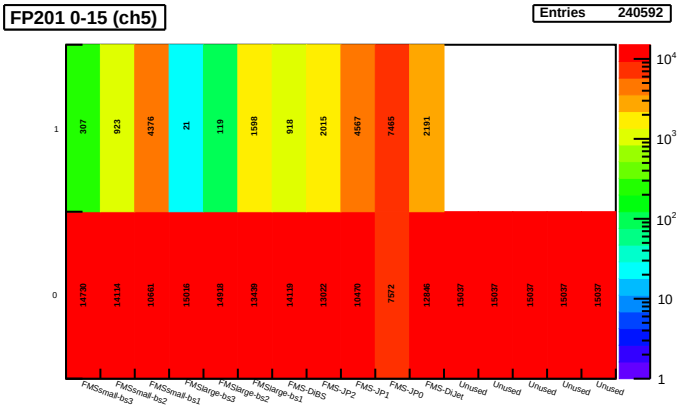

Entries 0

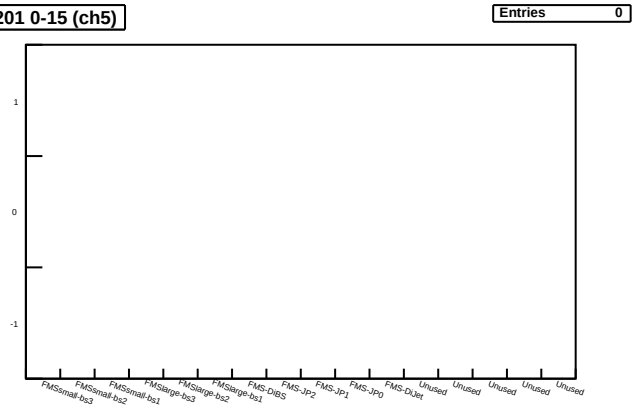

EM201 0-15 (ch3)
Entries 240592
3 447 2 18 2
15034 15037 15037 14590 15037 15037 15035 15037 15019 15035 15037 15037 15037 15037 15037 15037
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

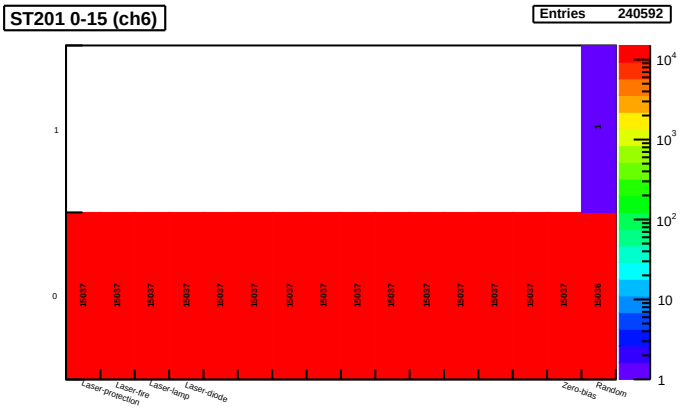

EM201 0-15 (ch3)
Entries 47138
2 447 3 2
51 3 2834 15021 1333 11598 190 647 15037
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k


RAT board (ch4)
Entries 240592
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15


Entries 0


FP201 0-15 (ch5)
Entries 240592
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


FP201 0-15 (ch5)
Entries 0
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused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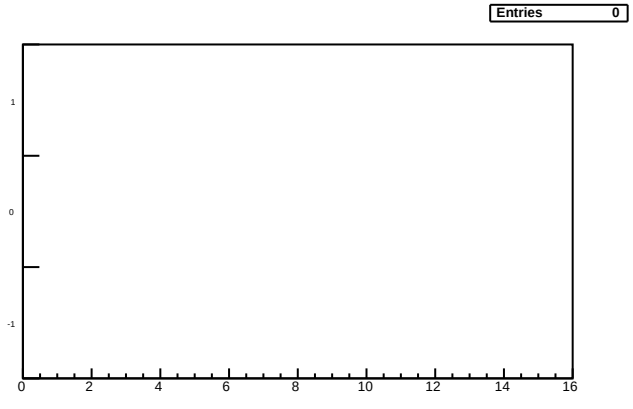
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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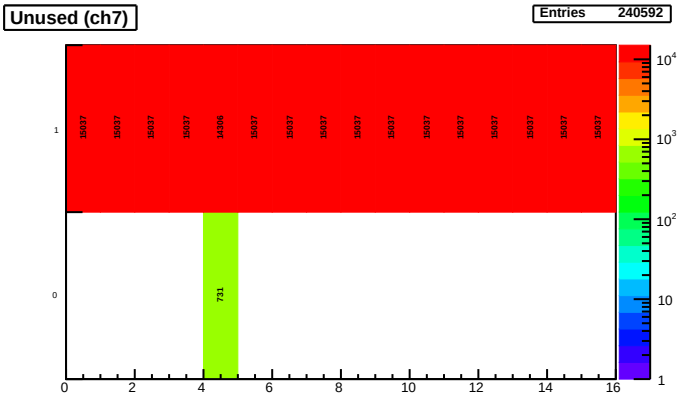
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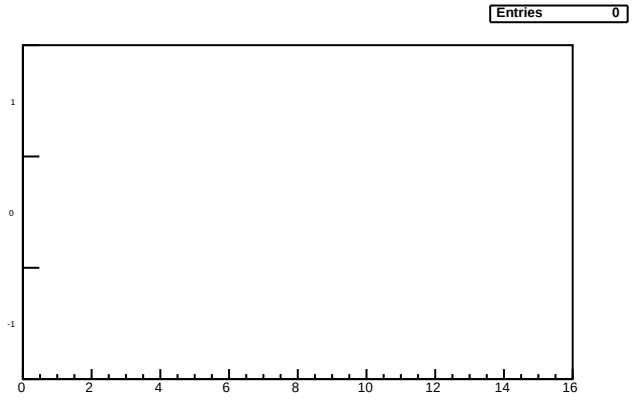
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