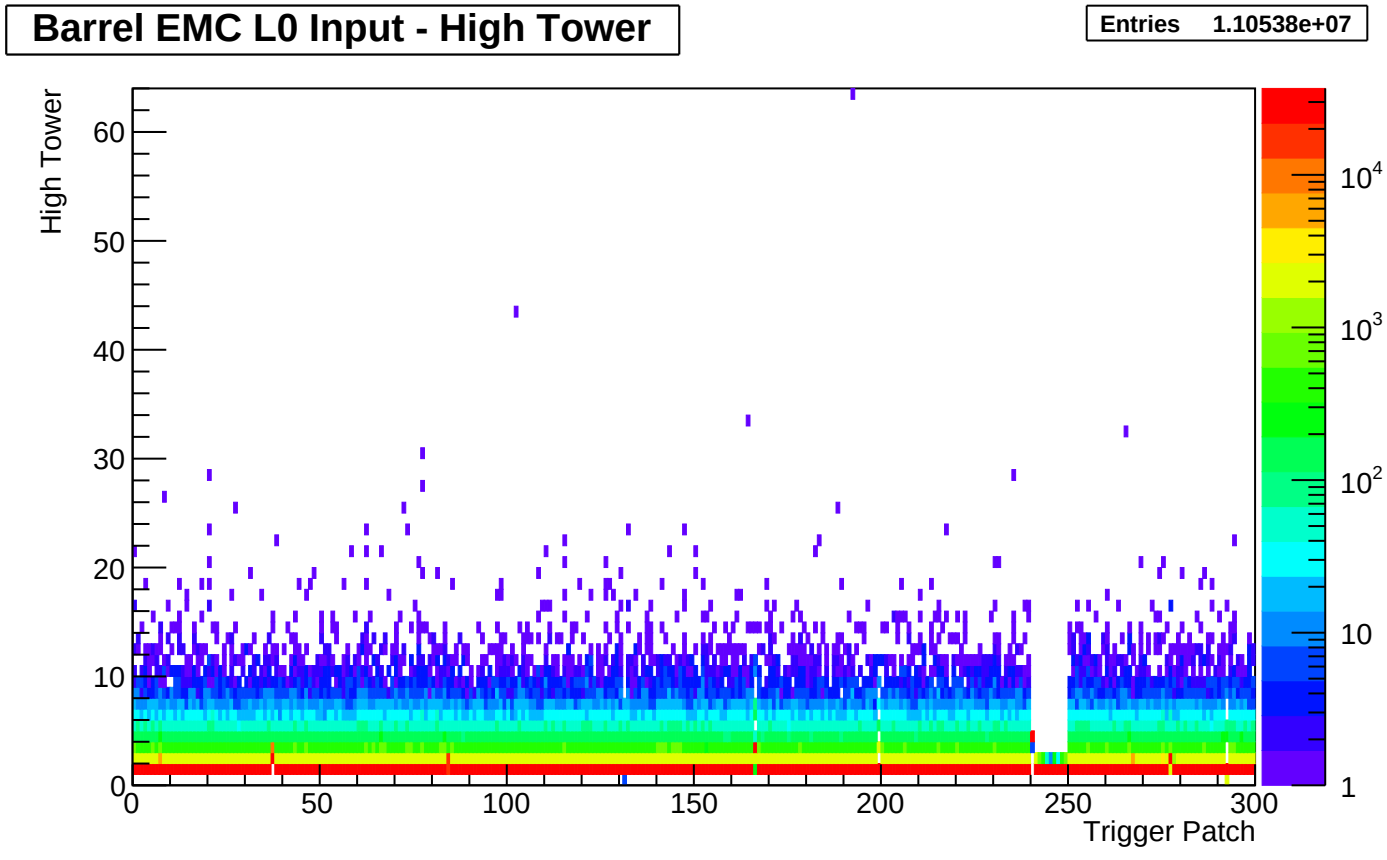
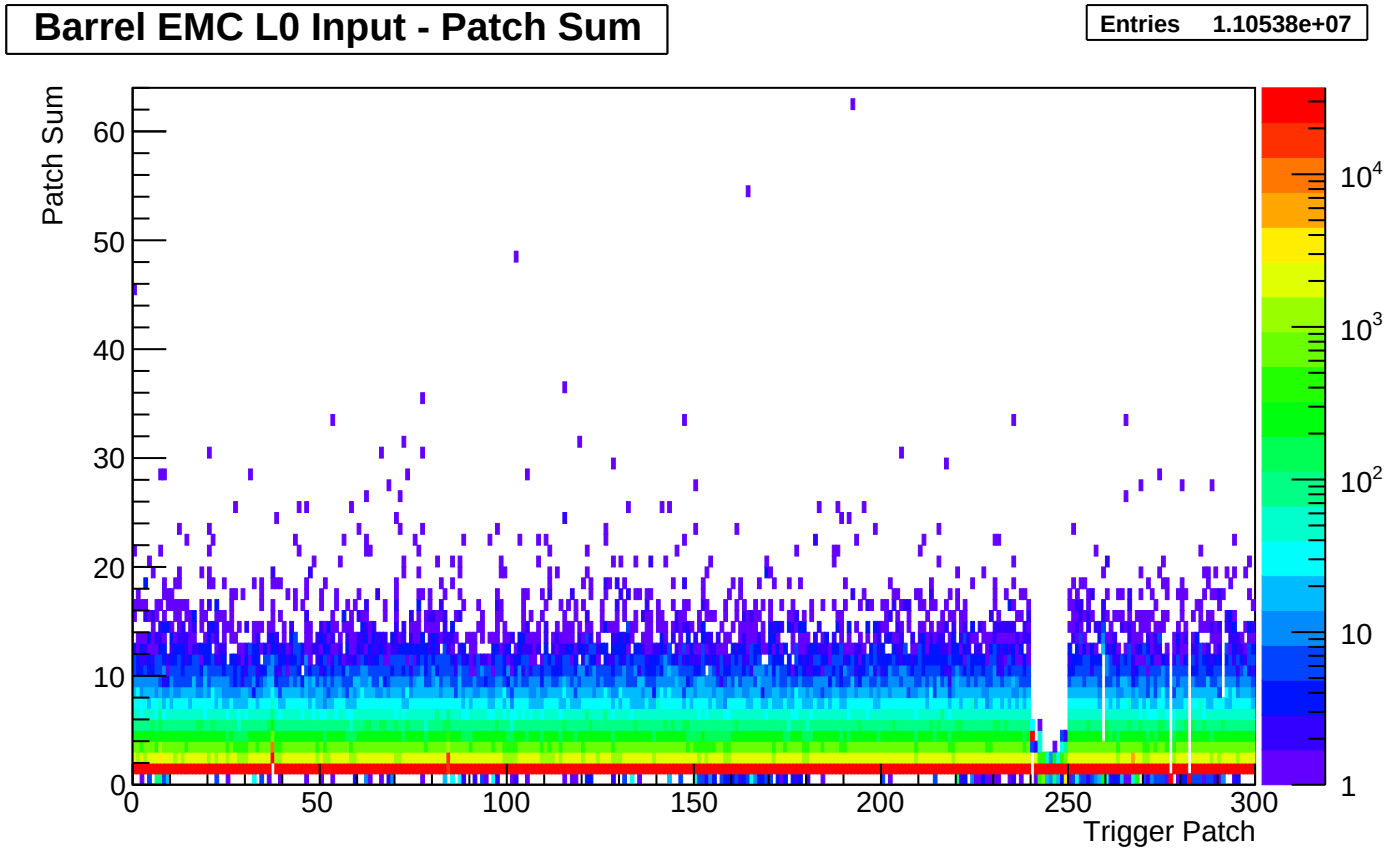
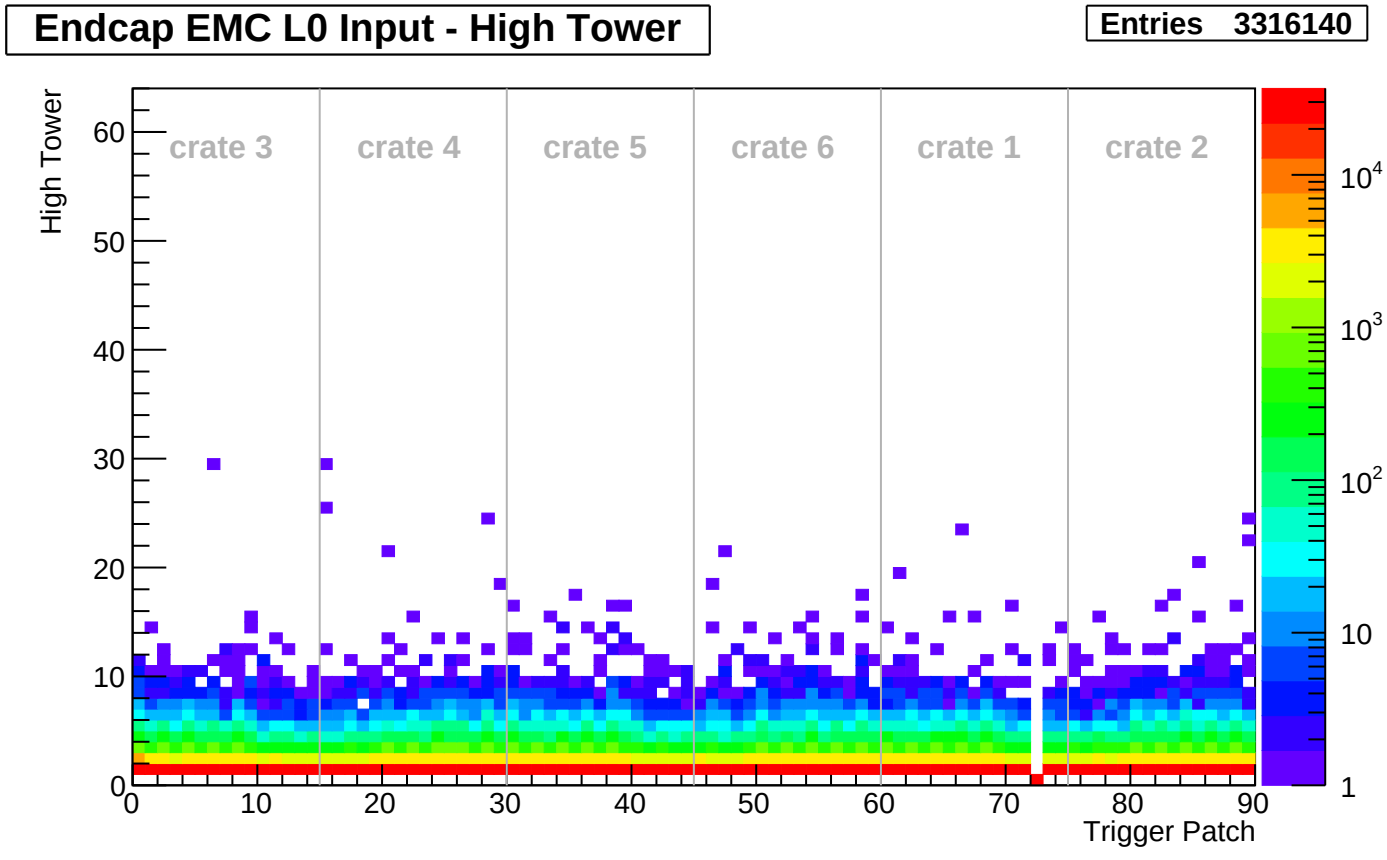
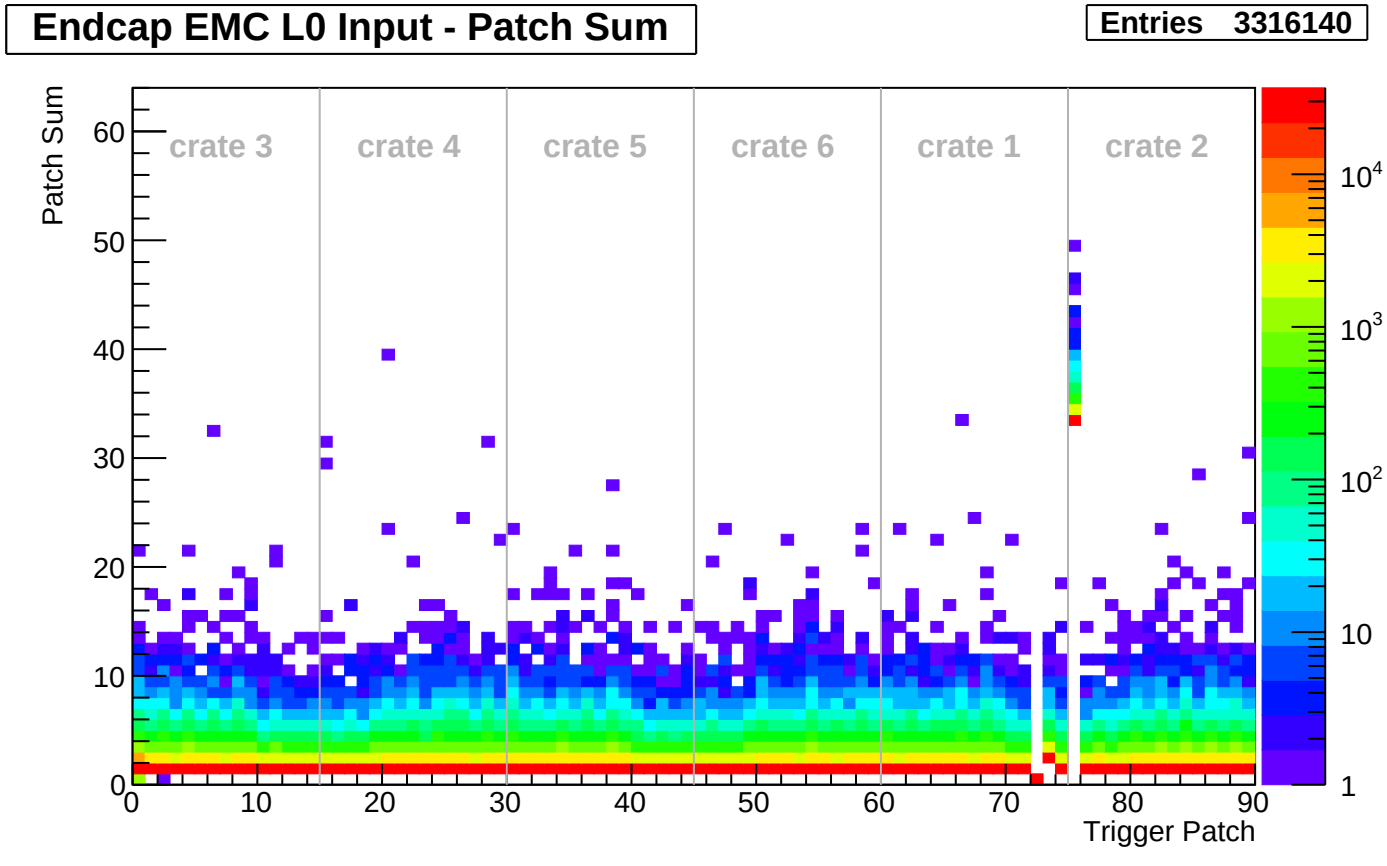
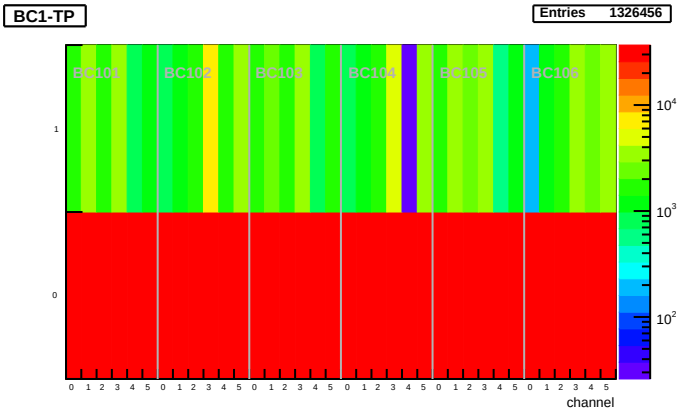
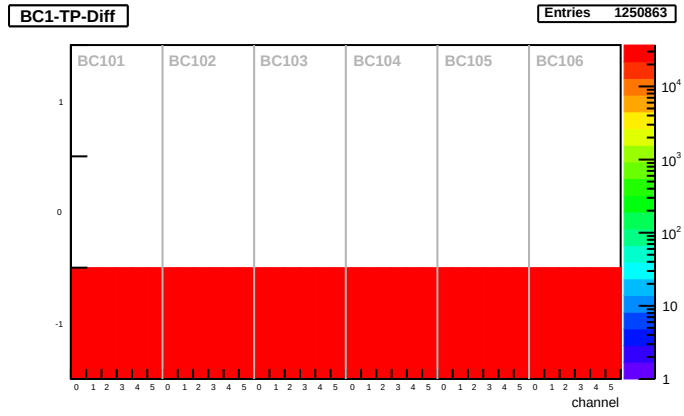

Barrel EMC L0 Input - High Tower
Entries 1.10538e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

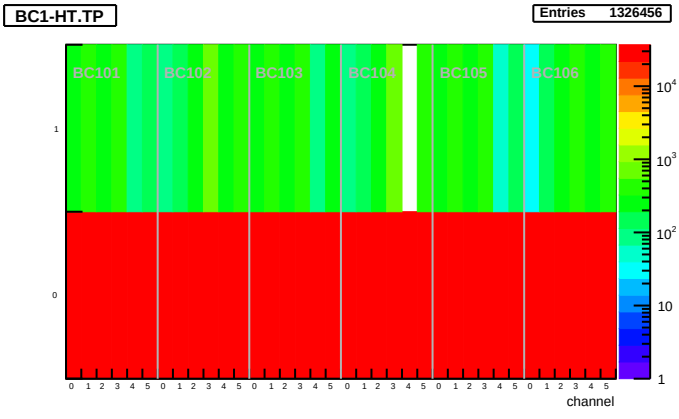

Barrel EMC L0 Input - Patch Sum
Entries 1.10538e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

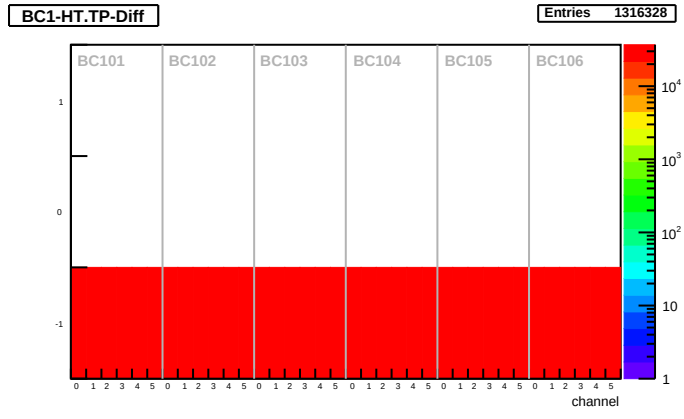

Endcap EMC L0 Input - High Tower
Entries 3316140
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3
10^4

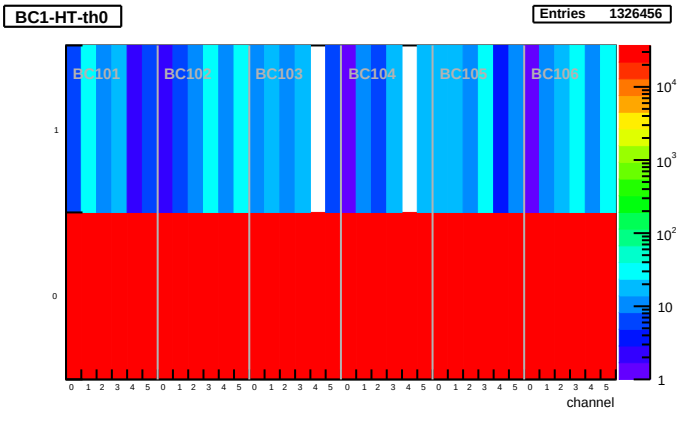

Endcap EMC L0 Input - Patch Sum
Entries 3316140
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3
10^4

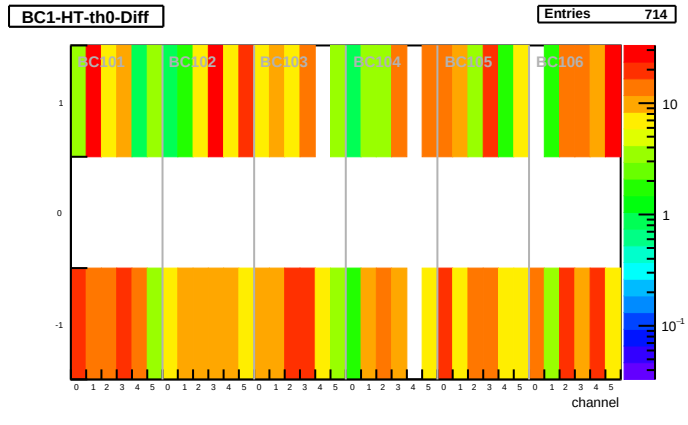

BC1-TP
Entries 1326456
BC101
BC102
BC103
BC104
BC105
BC106
channel

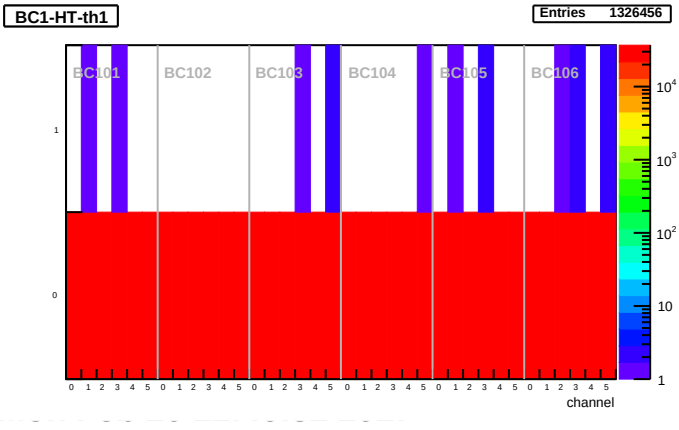

BC1-TP-Diff
Entries 1250863
BC101
BC102
BC103
BC104
BC105
BC106
channel

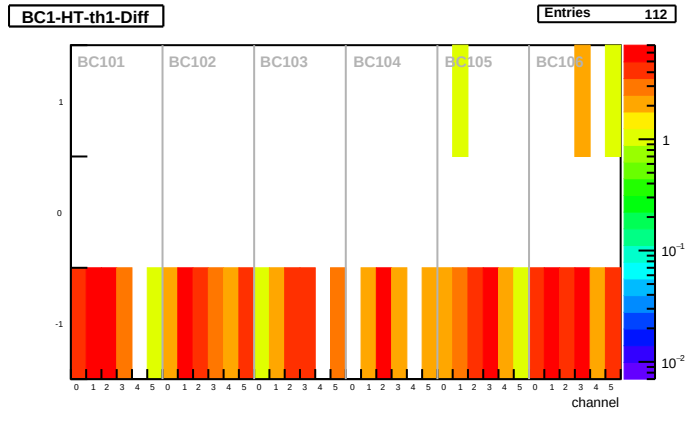

BC1-HT.TP
Entries 1326456
BC101
BC102
BC103
BC104
BC105
BC106
channel

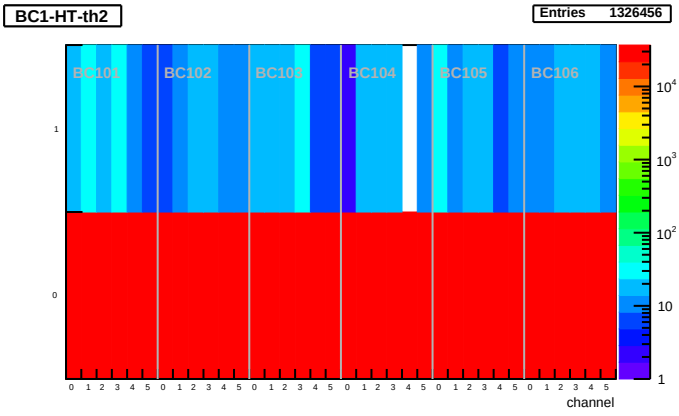

BC1-HT.TP-Diff
Entries 1316328
BC101
BC102
BC103
BC104
BC105
BC106
channel

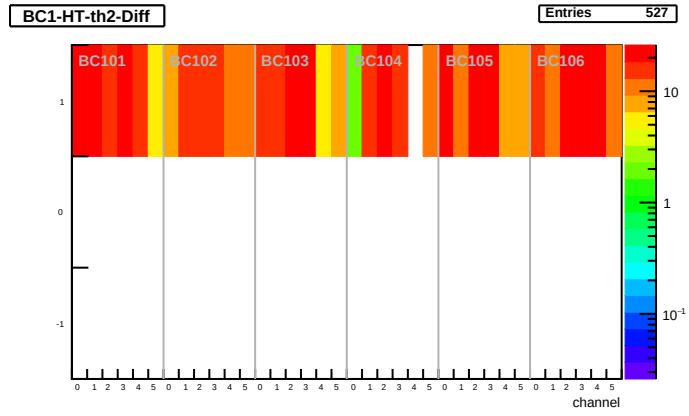

BC1-HT-th0
Entries 1326456
BC101
BC102
BC103
BC104
BC105
BC106
channel

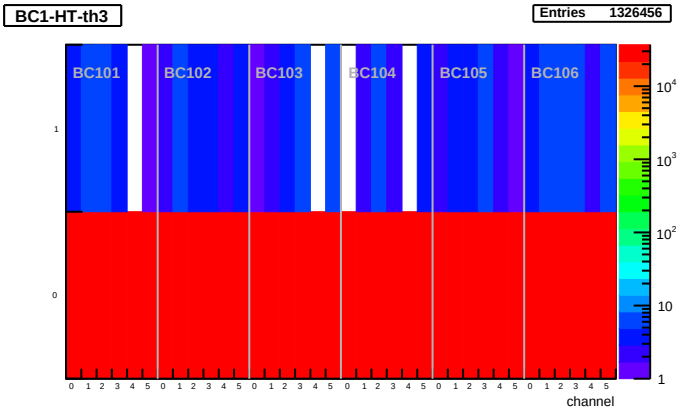

BC1-HT-th0-Diff
Entries 714
BC101
BC102
BC103
BC104
BC105
BC106
channel

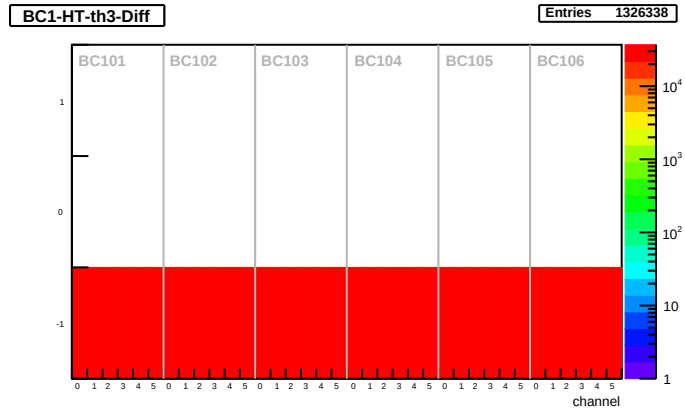

BC1-HT-th1
Entries 1326456
BC101
BC102
BC103
BC104
BC105
BC106
channel

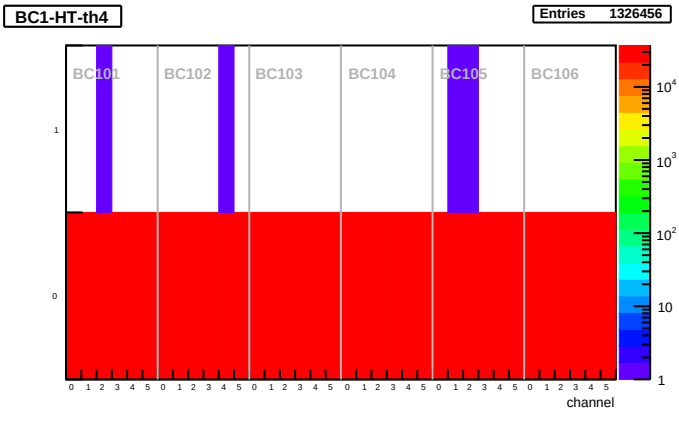

BC1-HT-th1-Diff
Entries 112
BC101
BC102
BC103
BC104
BC105
BC106
channel

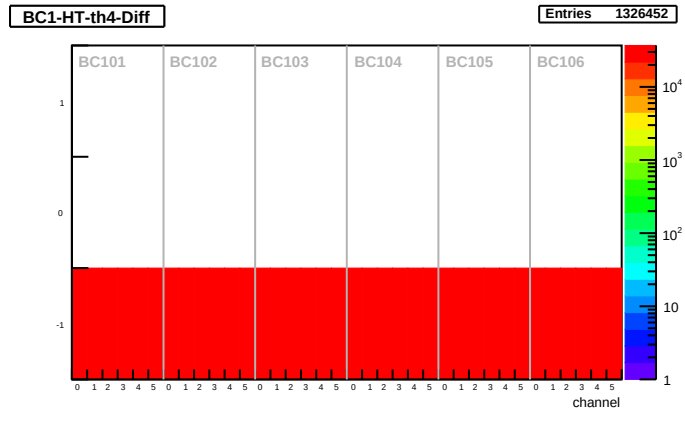

BC1-HT-th2
Entries 1326456
BC101
BC102
BC103
BC104
BC105
BC106
channel

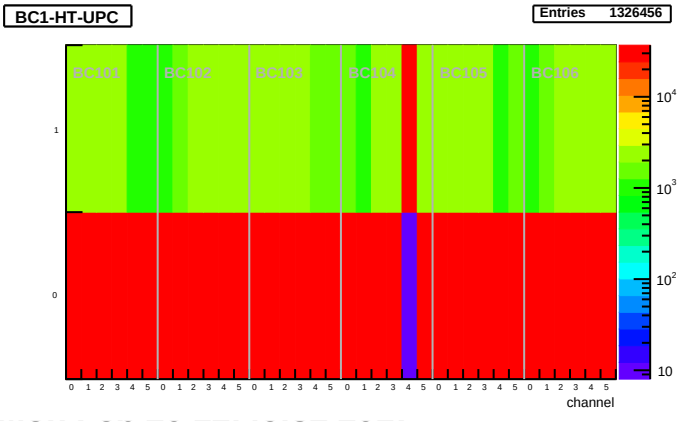

BC1-HT-th2-Diff
Entries 527
BC101
BC102
BC103
BC104
BC105
BC106
channel

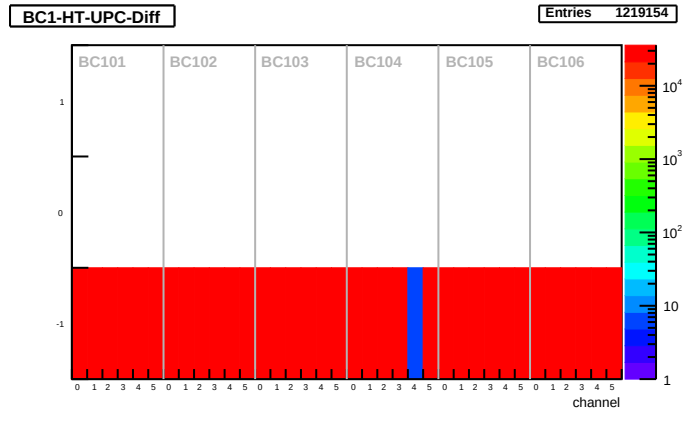

BC1-HT-th3
Entries 1326456
BC101
BC102
BC103
BC104
BC105
BC106
channel

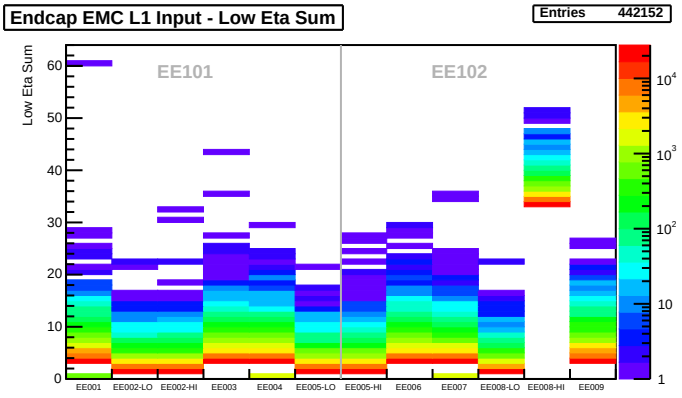

BC1-HT-th3-Diff
Entries 1326338
BC101
BC102
BC103
BC104
BC105
BC106
channel

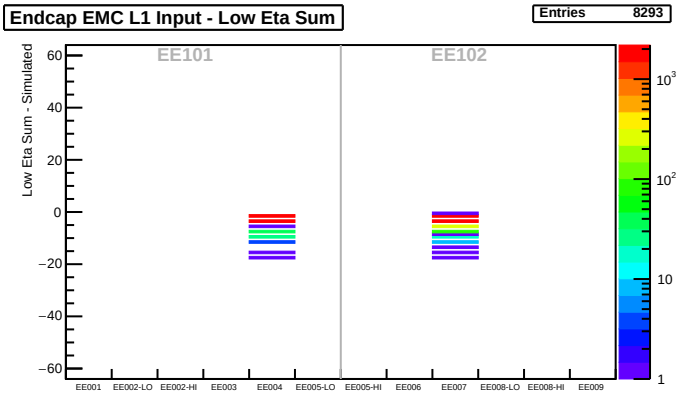

BC1-HT-th4
Entries 1326456
BC101
BC102
BC103
BC104
BC105
BC106
channel

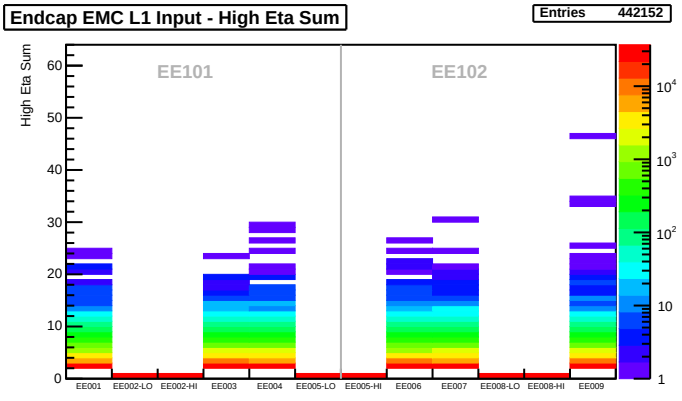

BC1-HT-th4-Diff
Entries 1326452
BC101
BC102
BC103
BC104
BC105
BC106
channel

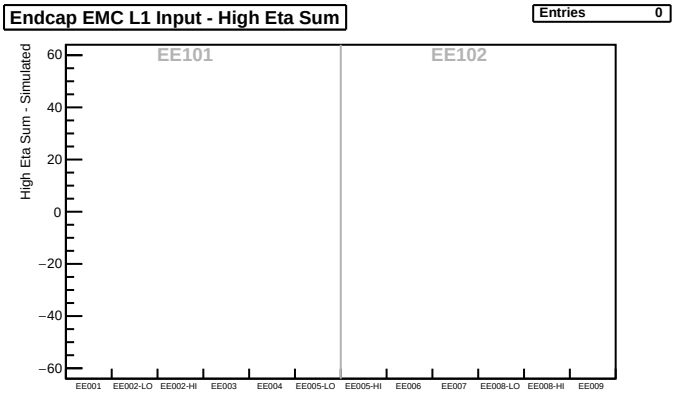

BC1-HT-UPC
Entries 1326456
BC101
BC102
BC103
BC104
BC105
BC106
channel

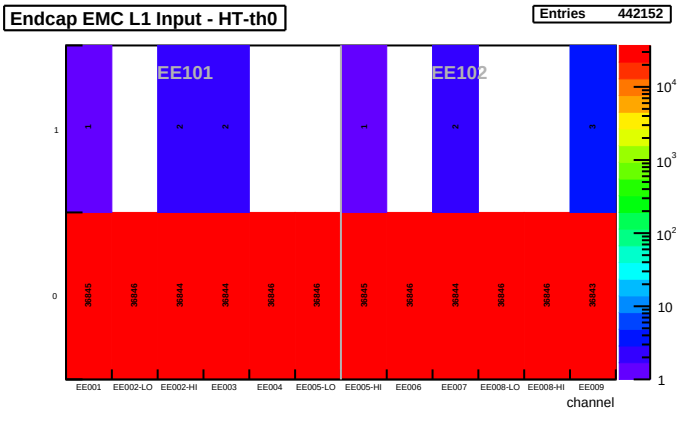

BC1-HT-UPC-Diff
Entries 1219154
BC101
BC102
BC103
BC104
BC105
BC106
channel

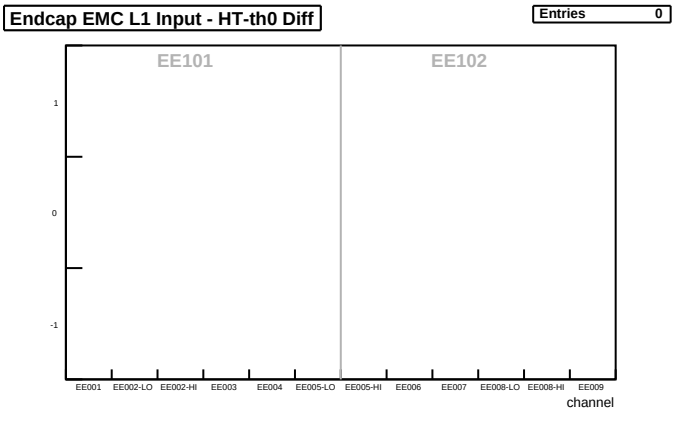

Endcap EMC L1 Input - Low Eta Sum
Entries 442152
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

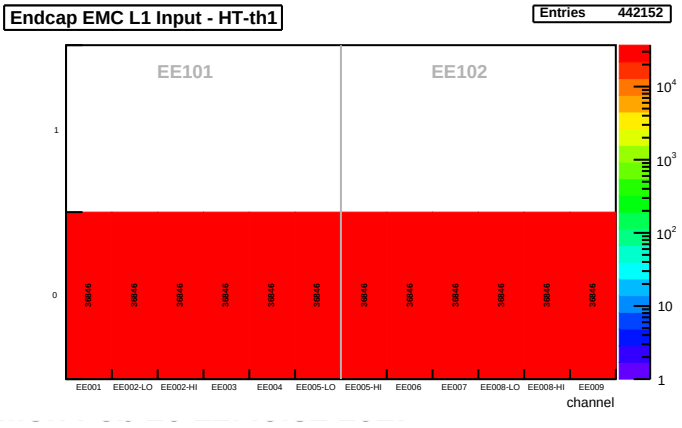

Endcap EMC L1 Input - Low Eta Sum
Entries 8293
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

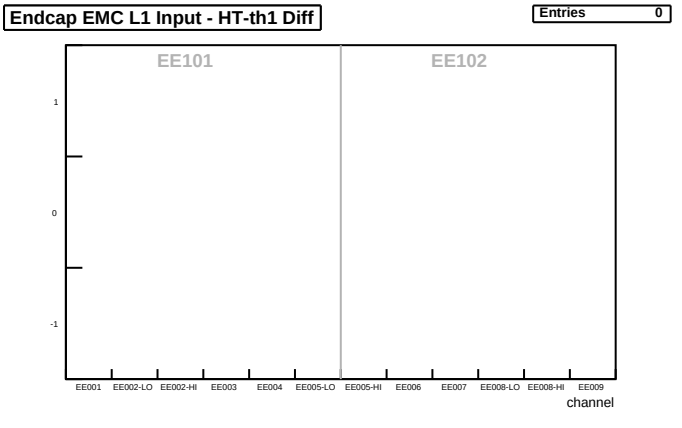

Endcap EMC L1 Input - High Eta Sum
Entries 442152
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

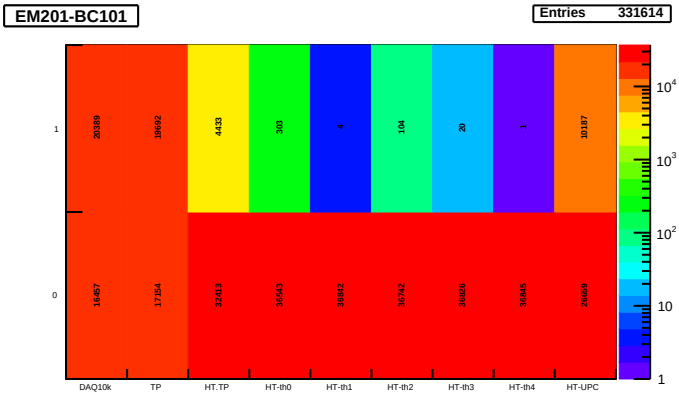

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

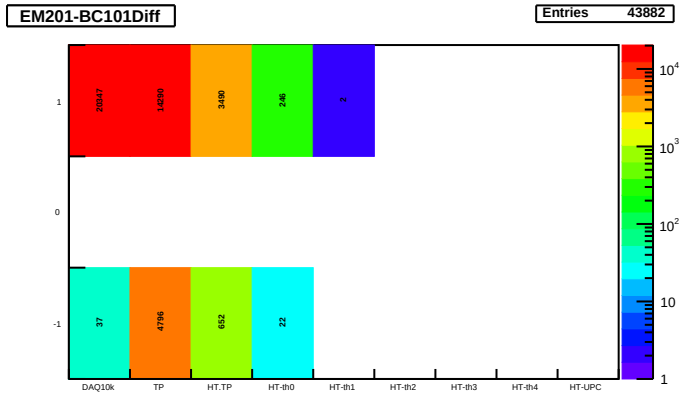

Endcap EMC L1 Input - HT-th0
Entries 442152
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

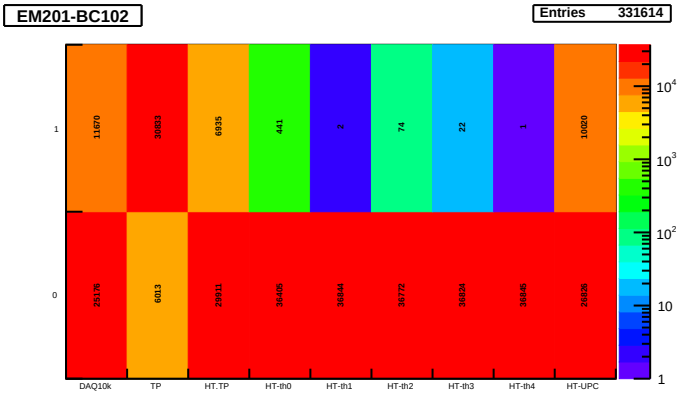

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

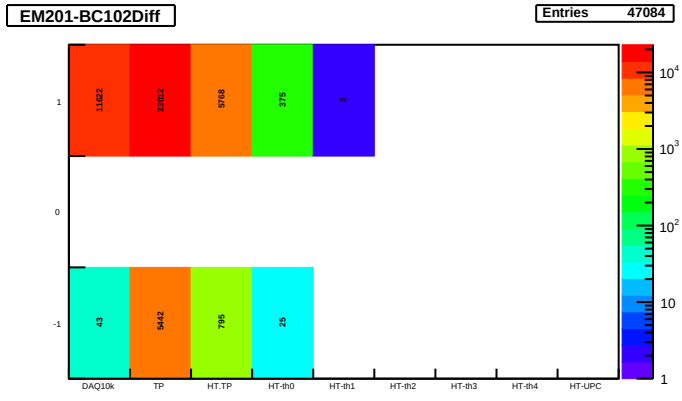

Endcap EMC L1 Input - HT-th1
Entries 442152
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

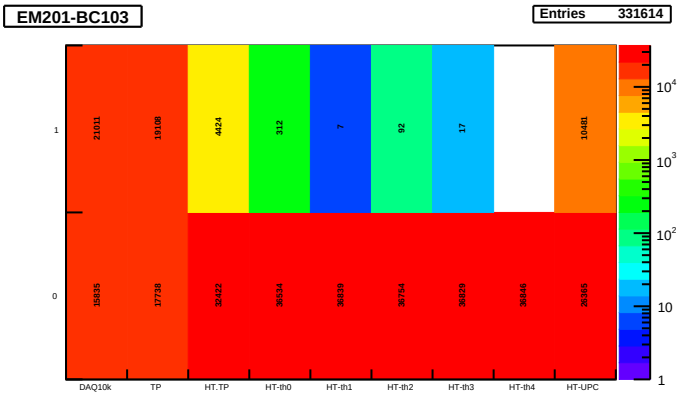

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

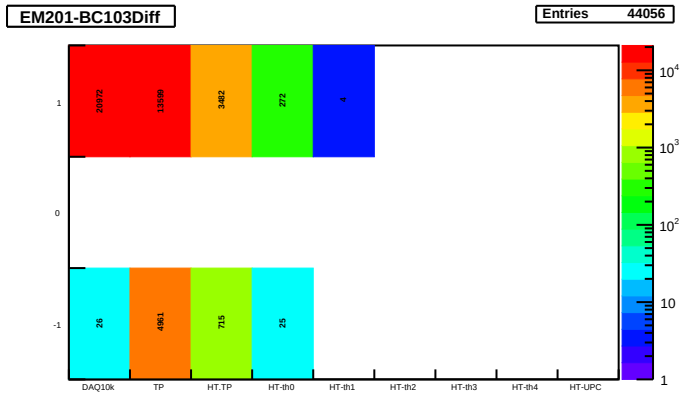

EM201-BC101
Entries 331614
1
0
20389
19692
4433
303
4
104
20
1
10187
16457
17154
32413
36543
36842
36742
36826
36845
26659
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

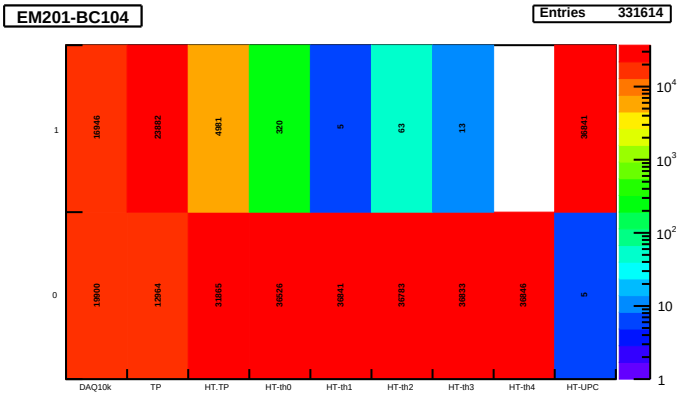

EM201-BC101Diff
Entries 43882
1
0
-1
20347
14290
3400
246
2
37
4796
652
22
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

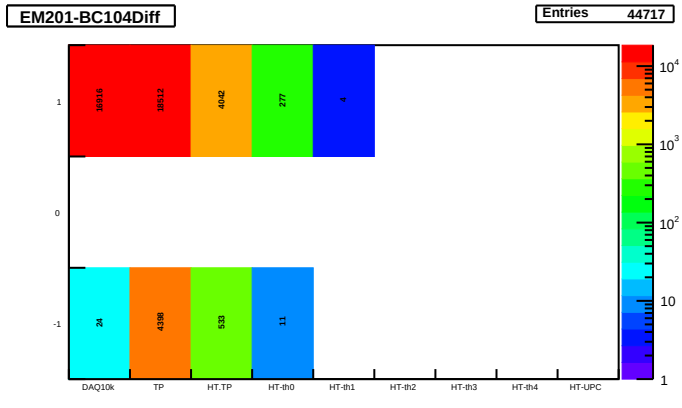

EM201-BC102
Entries 331614
1
0
11670
30883
6935
441
2
74
22
1
10020
25176
6013
29911
36405
36844
36772
36824
36845
26826
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC102Diff
Entries 47084
1
0
-1
11662
23012
5768
375
2
43
5442
795
25
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

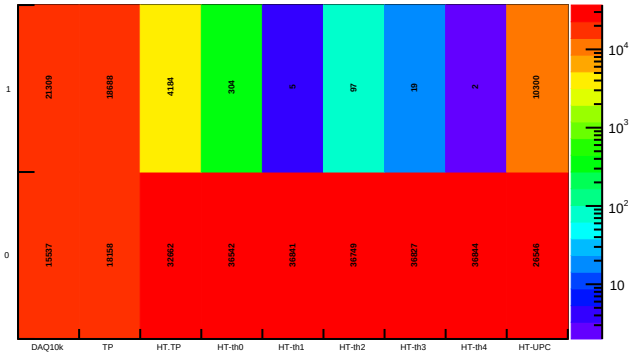

EM201-BC103
Entries 331614
1
0
21011
19108
4424
312
7
92
17
10481
15535
17738
32222
36534
36839
36754
36829
36846
26365
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC103Diff
Entries 44056
1
0
-1
20972
13599
3482
272
4
26
4961
715
25
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

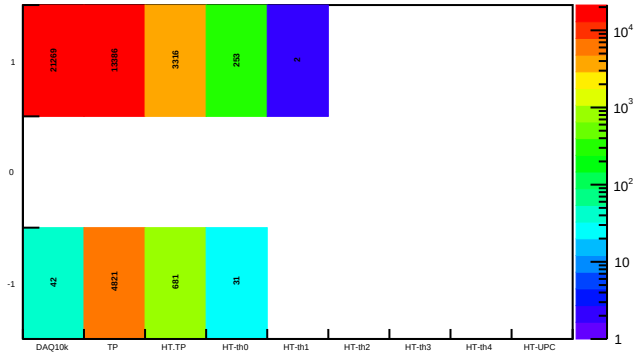

EM201-BC104
Entries 331614
1
0
18946
23882
4981
320
5
63
13
36841
18900
12964
31865
36526
36841
36783
36833
36846
5
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC104Diff
Entries 44717
1
0
-1
16916
18512
4042
277
4
24
4398
533
11
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

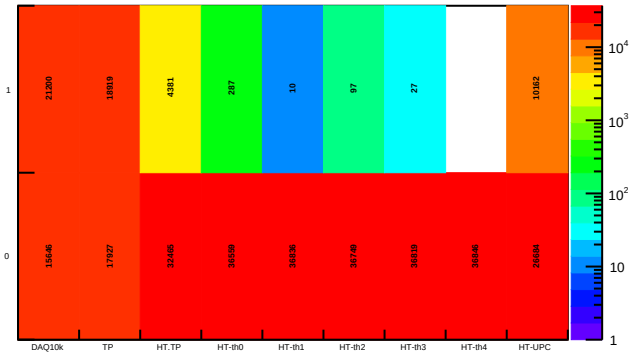
EM201-BC105 Entries 331614



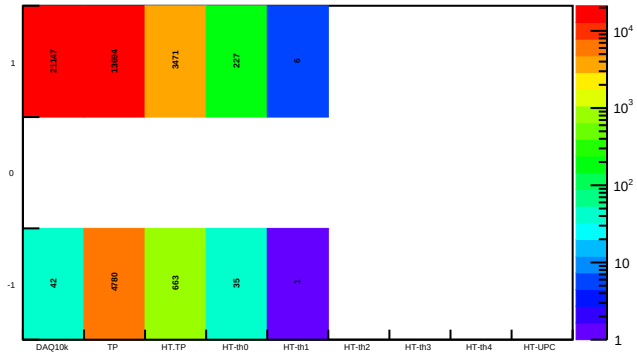
EM201-BC105Diff Entries 43801



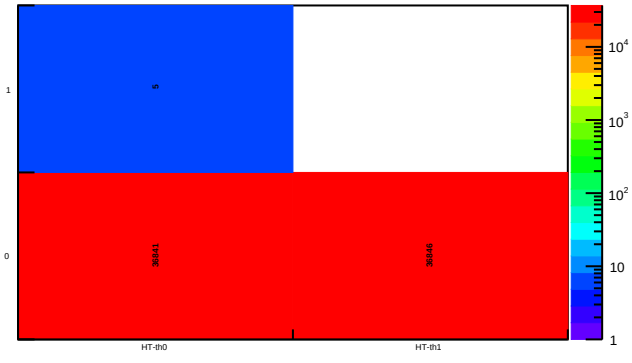
EM201-BC106 Entries 331614



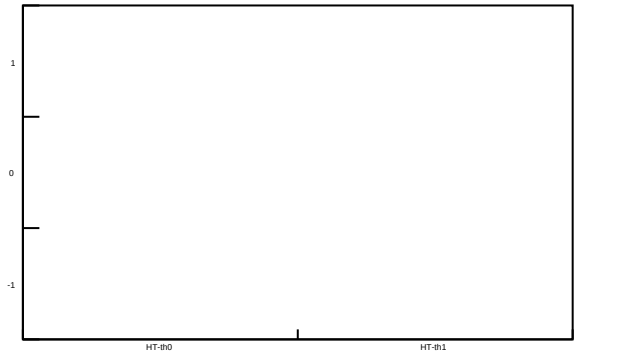
EM201-BC106Diff Entries 44066



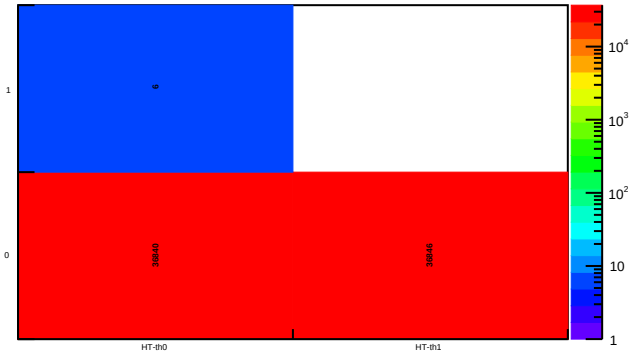
EM201-EE101 Entries 73692



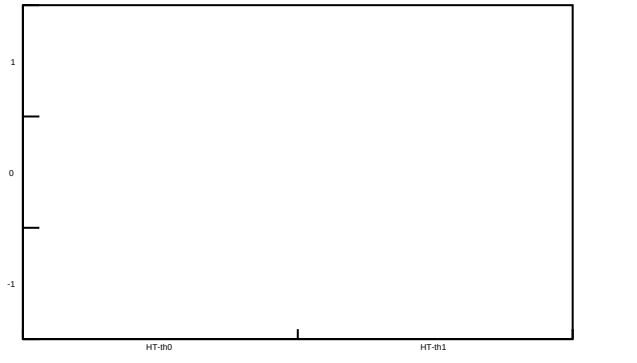
EM201-EE101Diff Entries 0

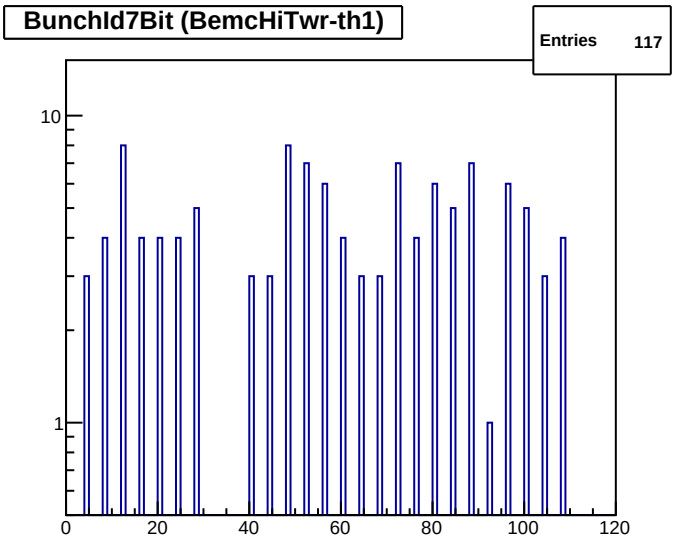


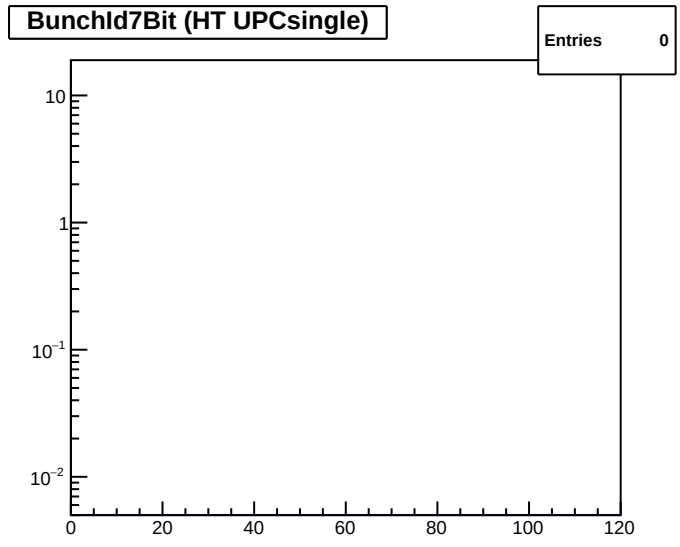
EM201-EE102 Entries 73692

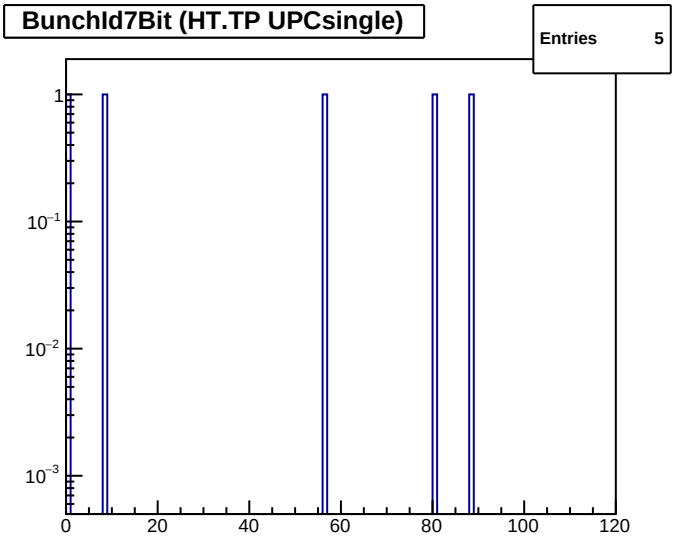


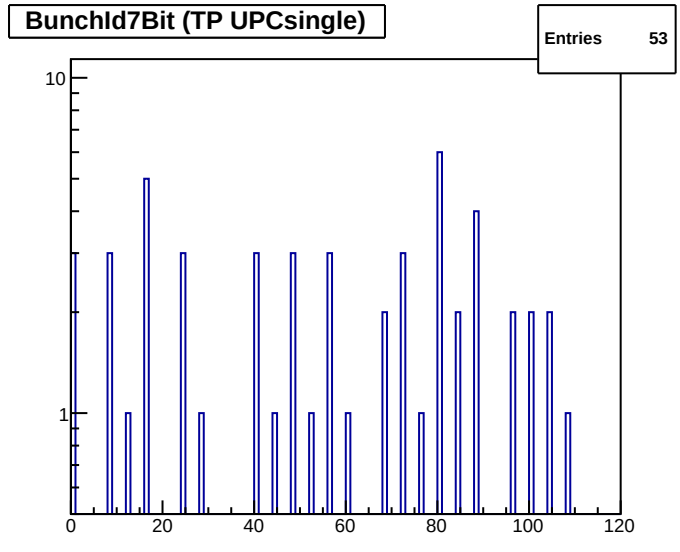
EM201-EE102Diff Entries 0

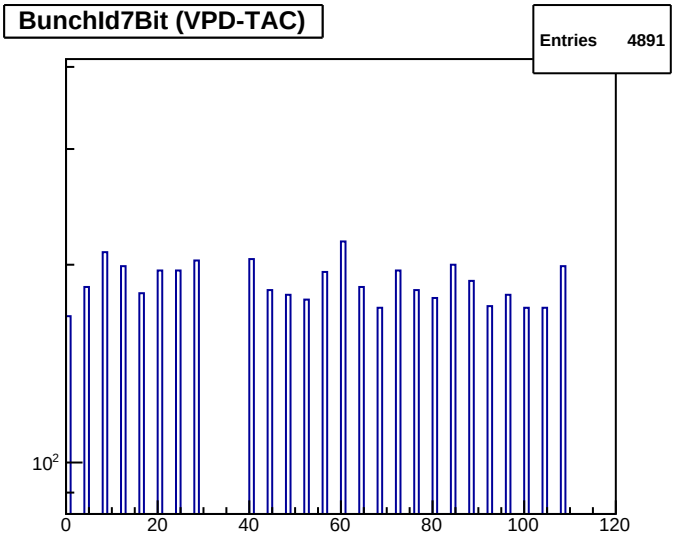


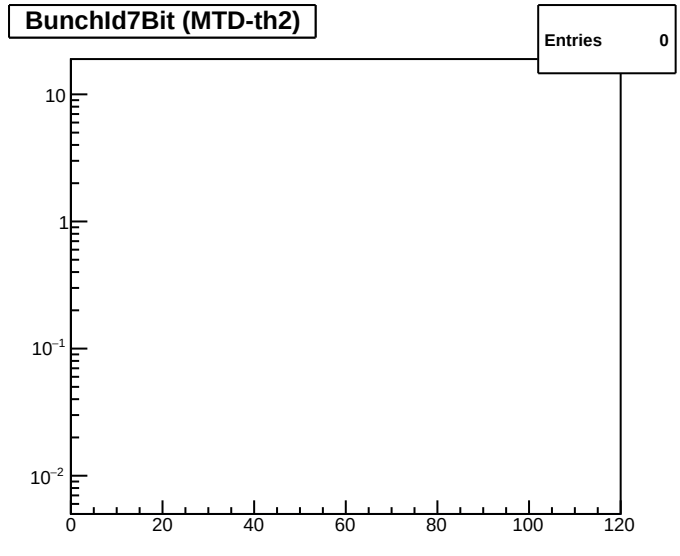

BunchId7Bit (BemcHiTwr-th1)
Entries 117
10
1
0 20 40 60 80 100 120

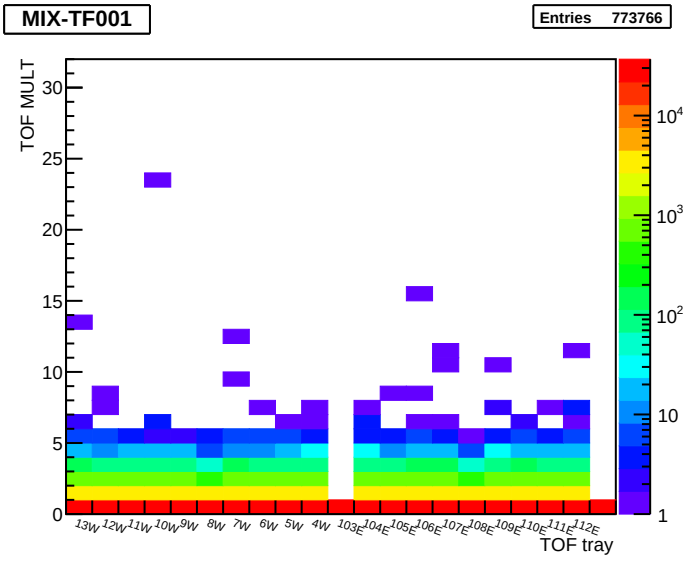

BunchId7Bit (HT UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

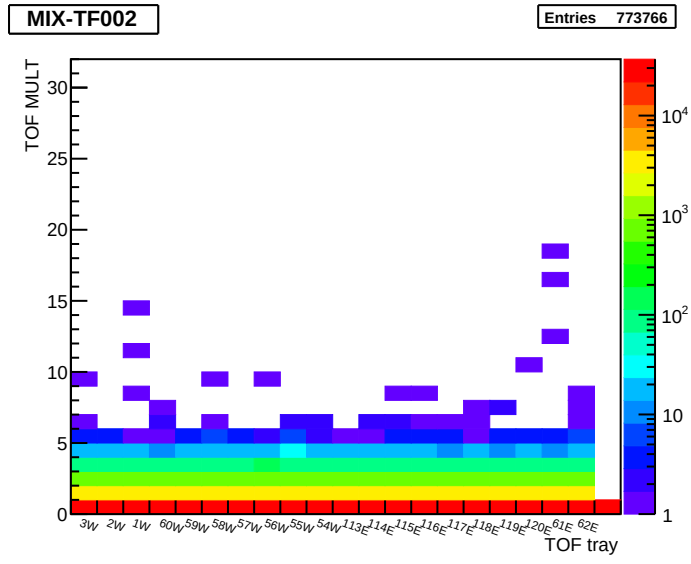

BunchId7Bit (HT.TP UPCsingle)
Entries 5
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

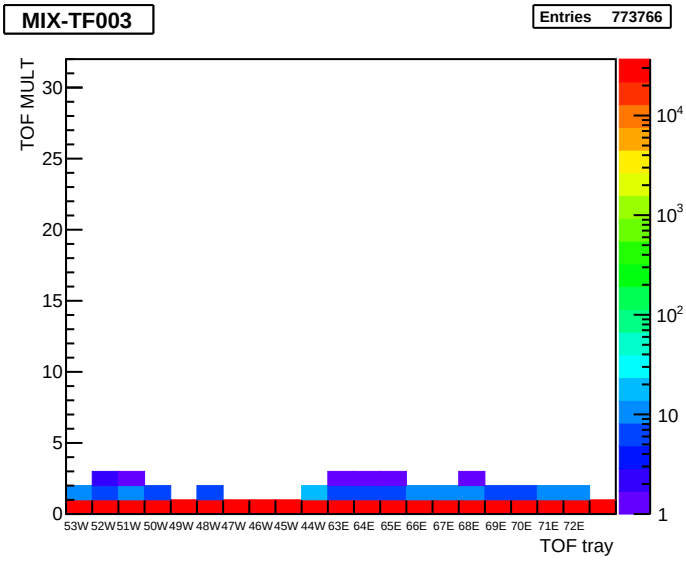

BunchId7Bit (TP UPCsingle)
Entries 53
10
1
0 20 40 60 80 100 120

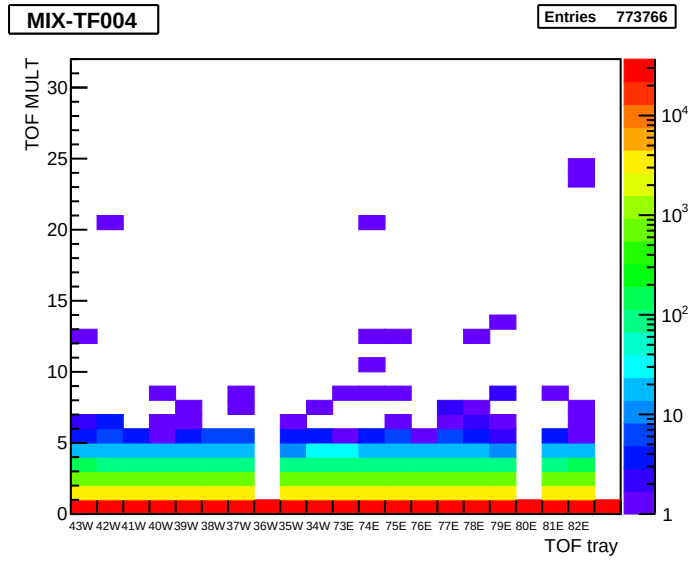

BunchId7Bit (VPD-TAC)
Entries 4891
10^{2}
0 20 40 60 80 100 120

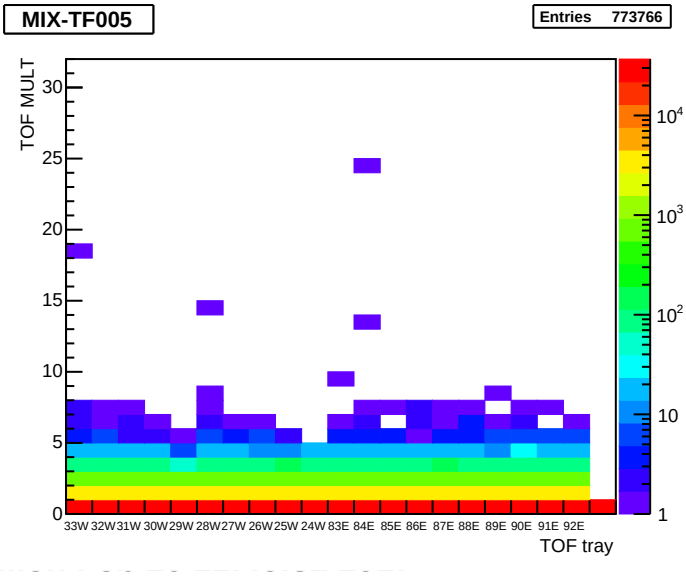

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

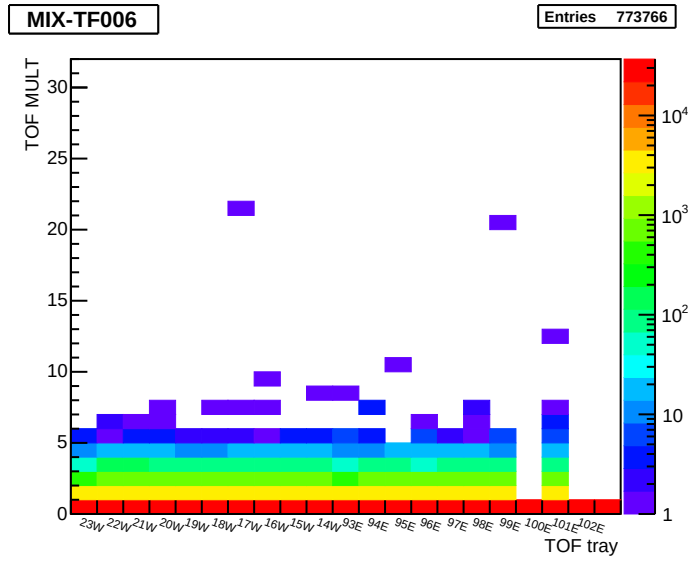

MIX-TF001
Entries 773766
TOF MULT
TOF tray

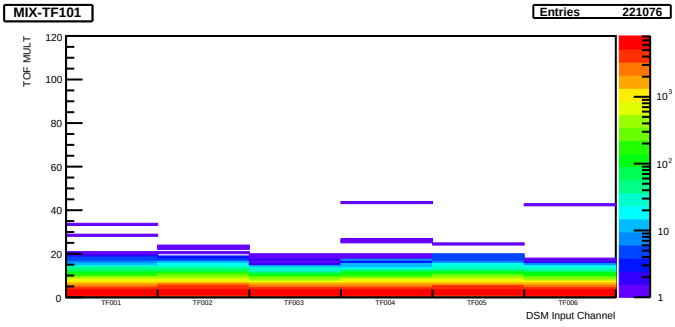

MIX-TF002
Entries 773766
TOF MULT
TOF tray

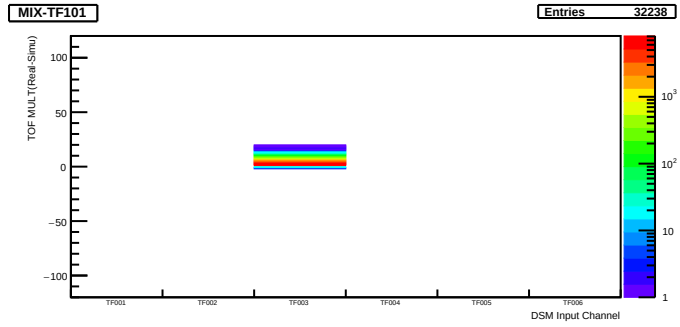

MIX-TF003
Entries 773766
TOF MULT
TOF tray

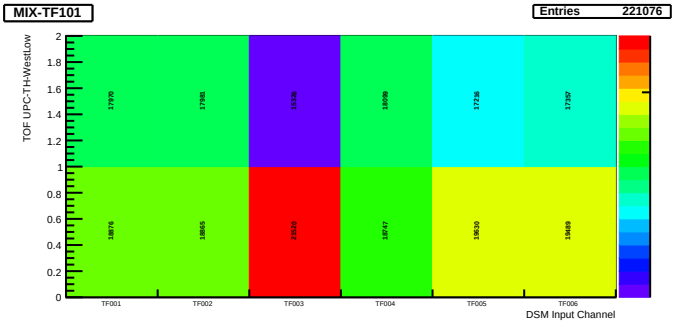

MIX-TF004
Entries 773766
TOF MULT
TOF tray

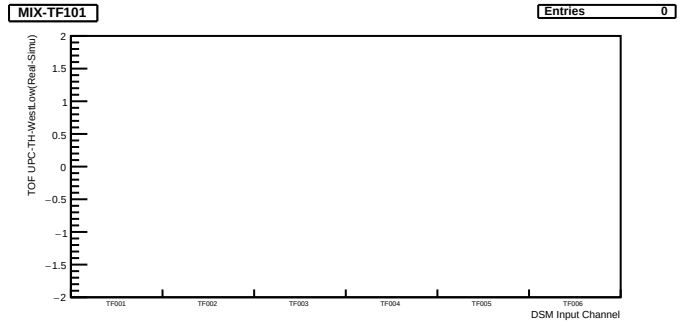

MIX-TF005
Entries 773766
TOF MULT
TOF tray

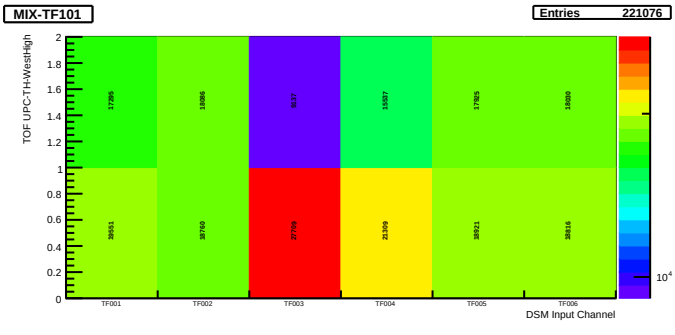

MIX-TF006
Entries 773766
TOF MULT
TOF tray

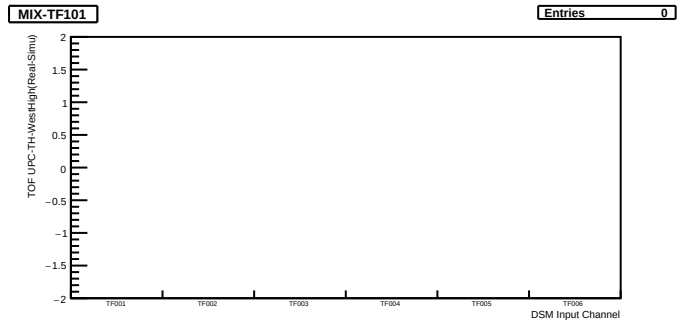

MIX-TF101
Entries 221076
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

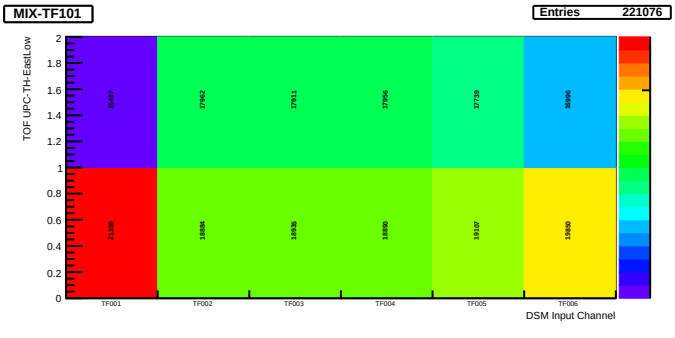

MIX-TF101
Entries 32238
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

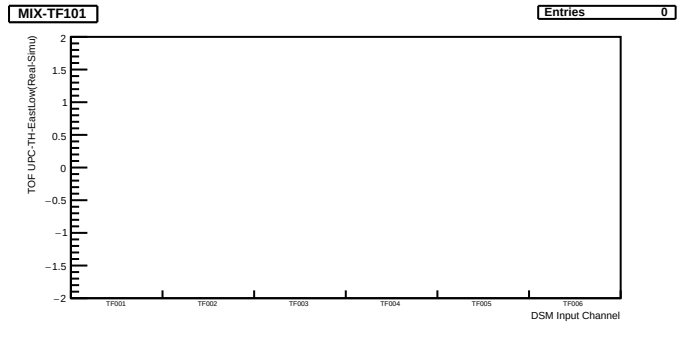

MIX-TF101
Entries 221076
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

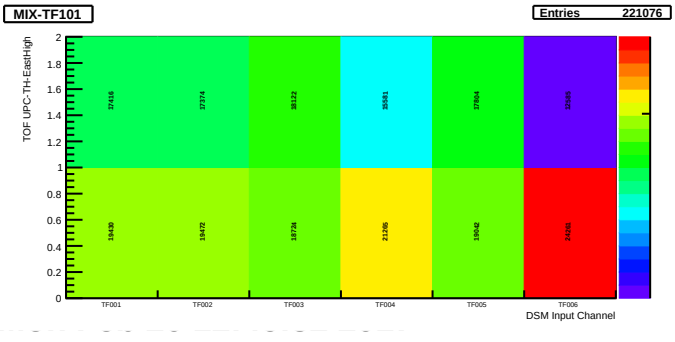

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

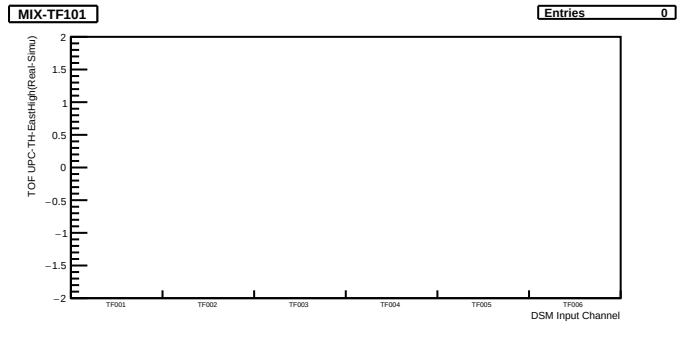

MIX-TF101
Entries 221076
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

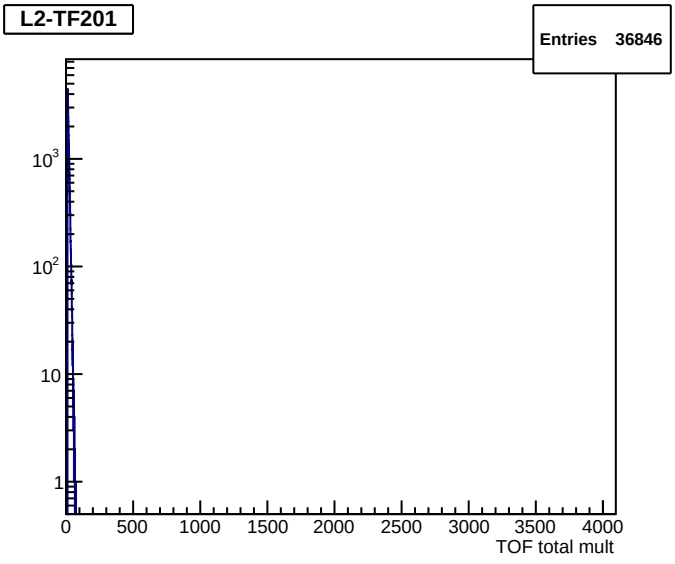

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

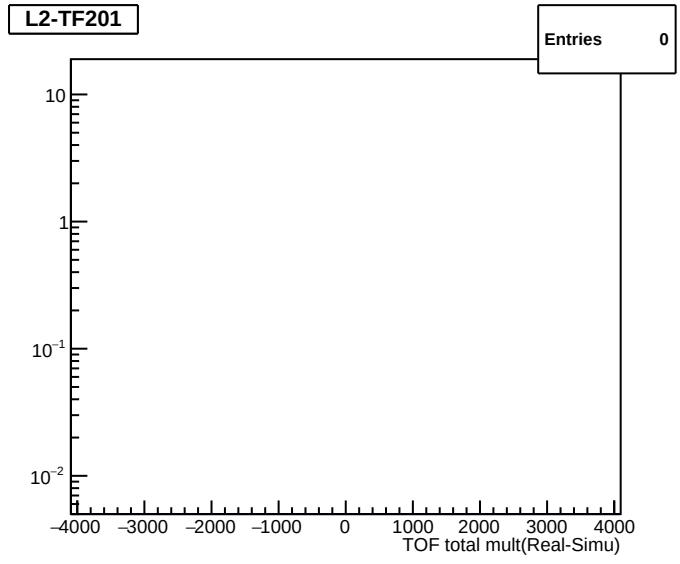

MIX-TF101
Entries 221076
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

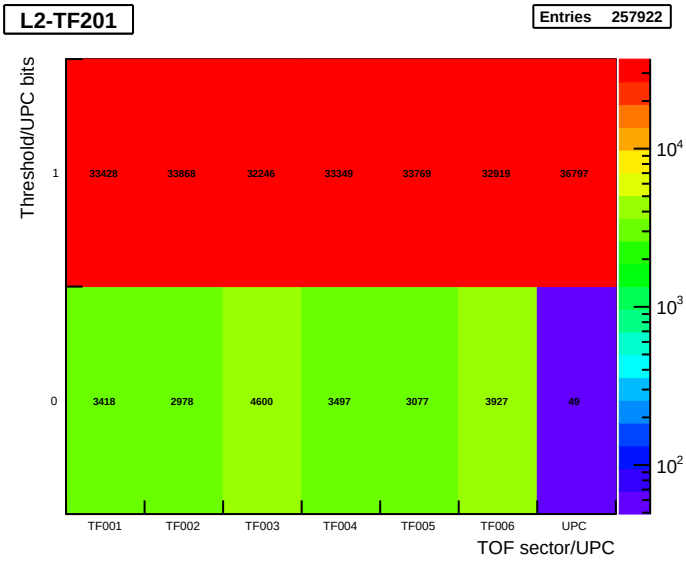

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

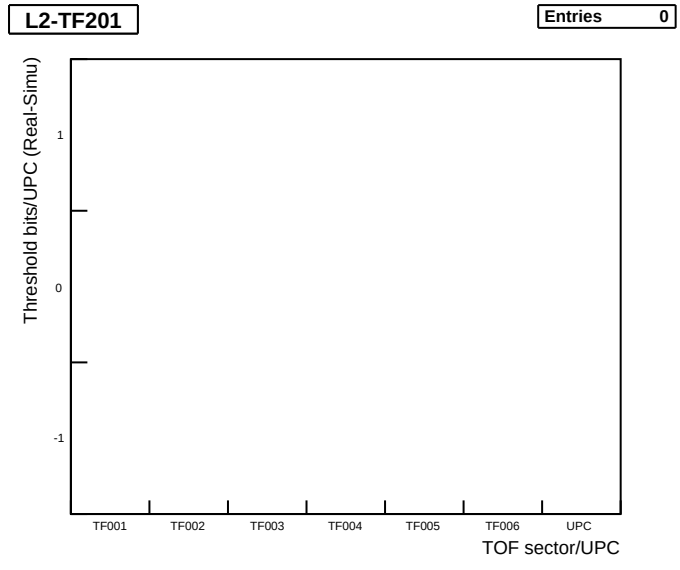

MIX-TF101
Entries 221076
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

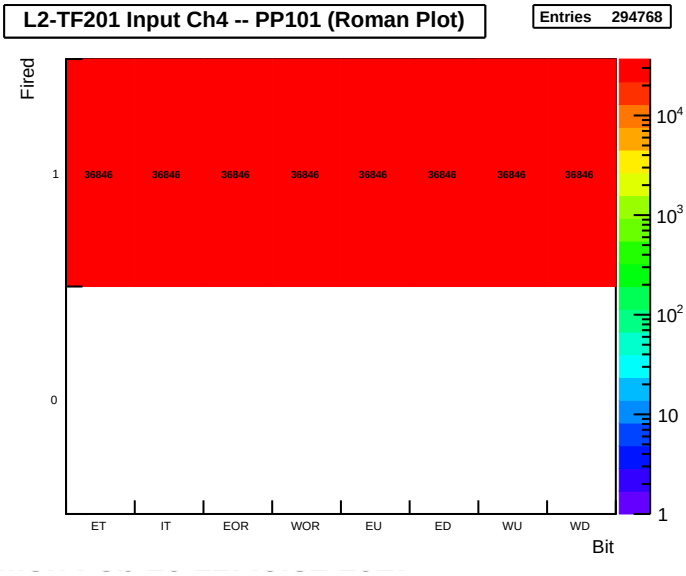

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

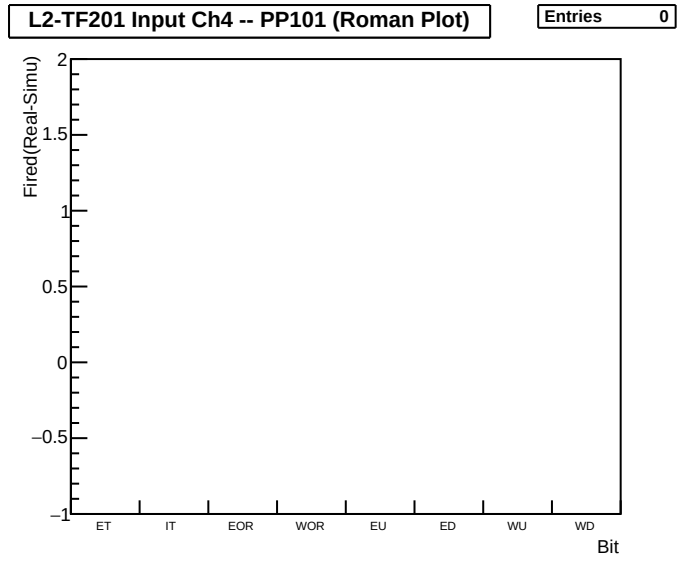

L2-TF201
Entries 36846
TOF total mult

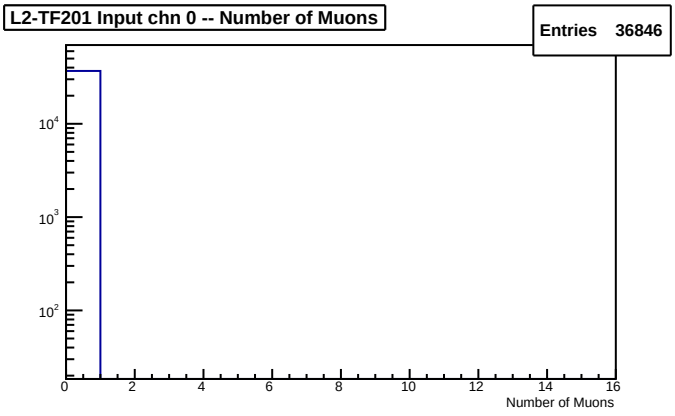

L2-TF201
Entries 0
TOF total mult(Real-Simu)

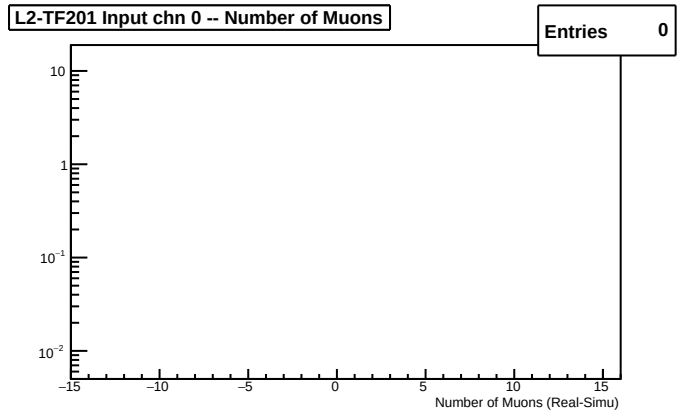

L2-TF201
Entries 257922
Threshold/UPC bits
33428 33868 32246 33349 33769 32919 36797
3418 2978 4600 3497 3077 3927 49
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

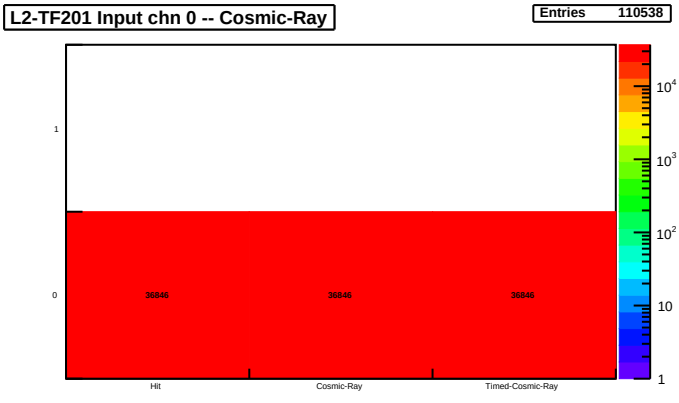

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

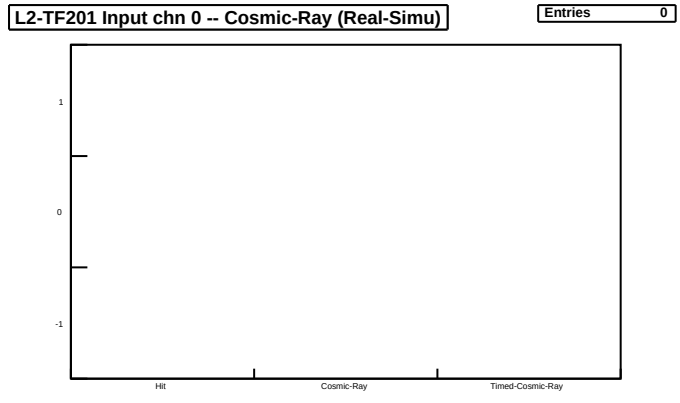

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 294768
Fired
36846 36846 36846 36846 36846 36846 36846 36846
ET IT EOR WOR EU ED WU WD
Bit

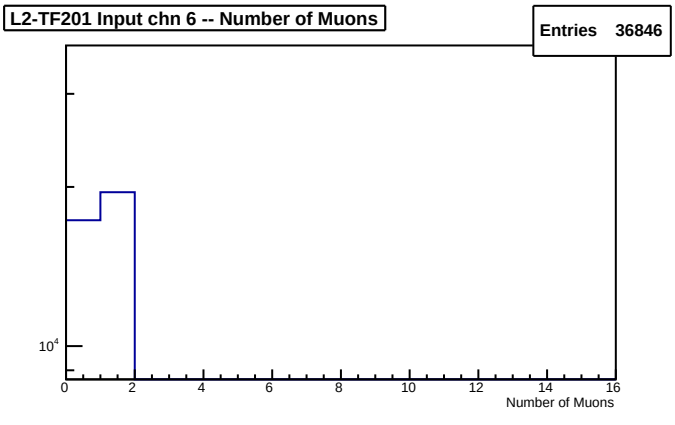

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

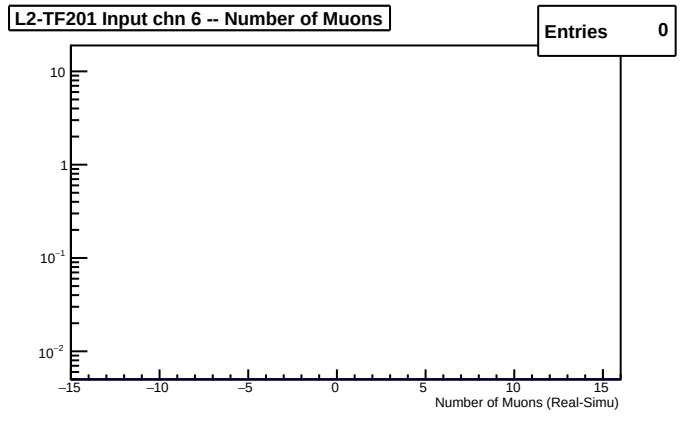

L2-TF201 Input chn 0 -- Number of Muons
Entries 36846
Number of Muons

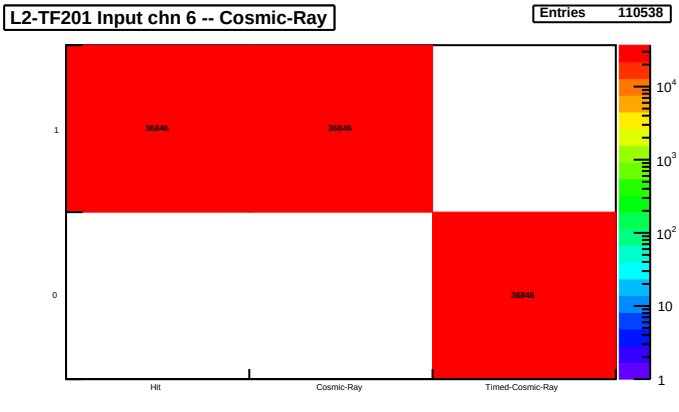

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

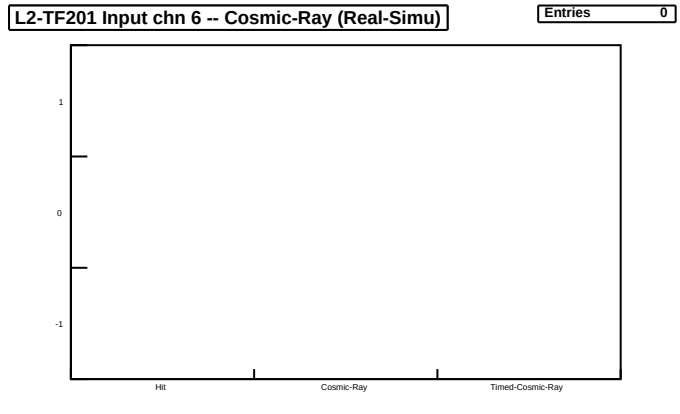

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 110538
36846
36846
36846
Hit
Cosmic-Ray
Timed-Cosmic-Ray

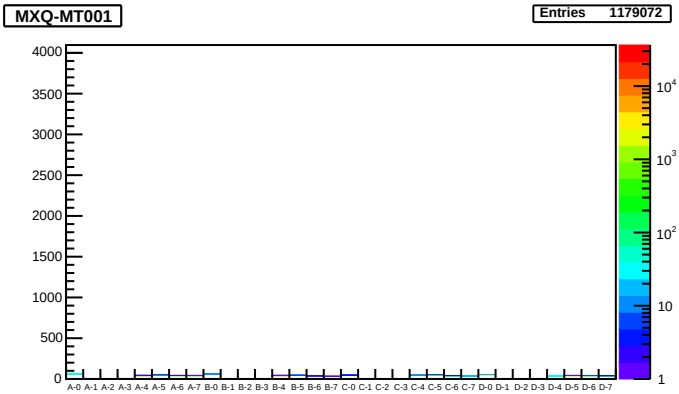

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

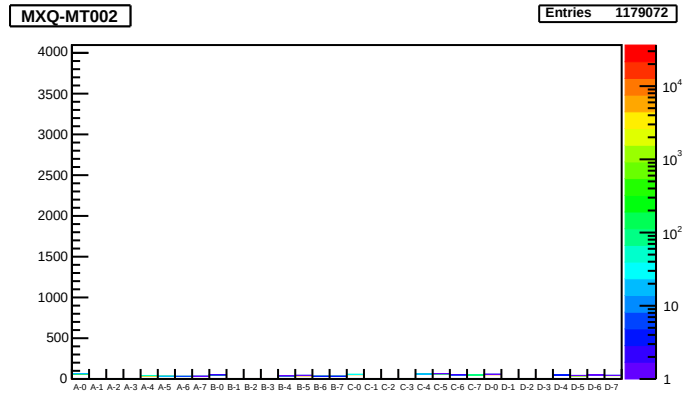

L2-TF201 Input chn 6 -- Number of Muons
Entries 36846
Number of Muons

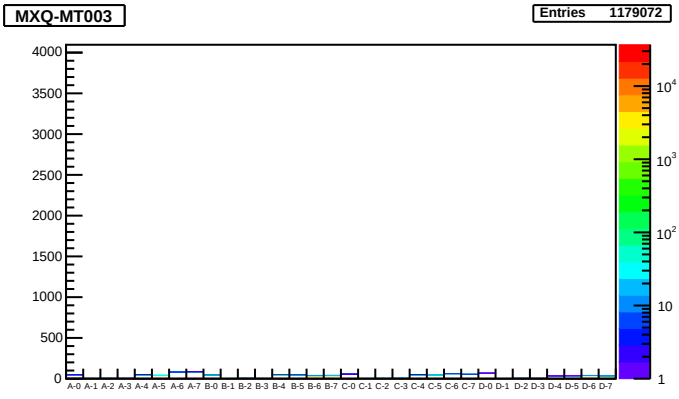

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

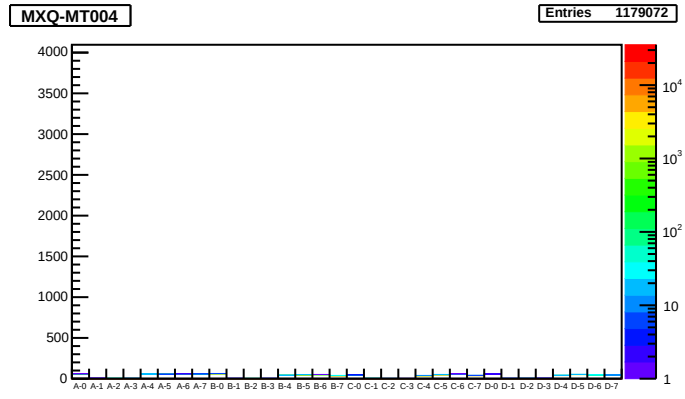

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 110538
36846
36846
36846
Hit
Cosmic-Ray
Timed-Cosmic-Ray

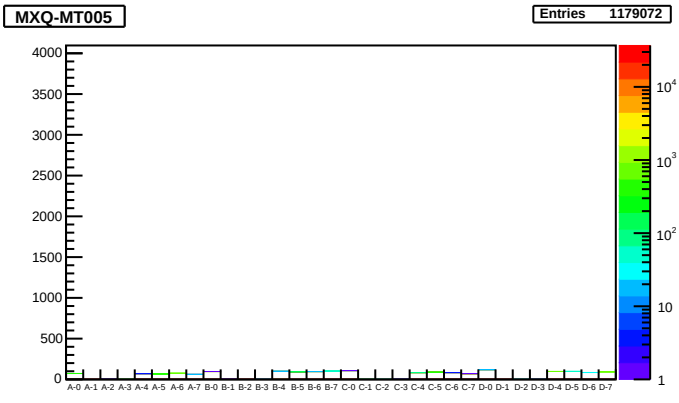

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

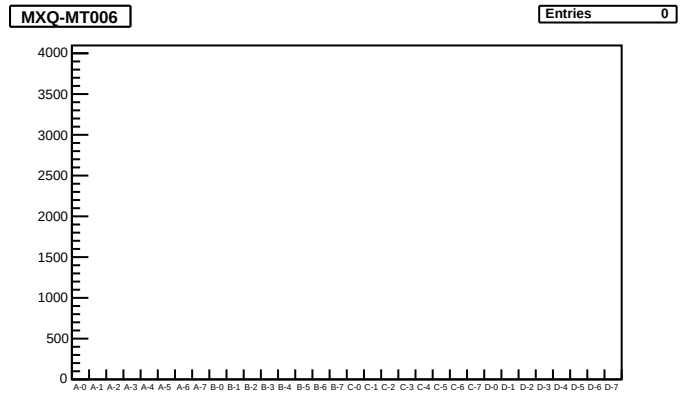

MXQ-MT001
Entries 1179072

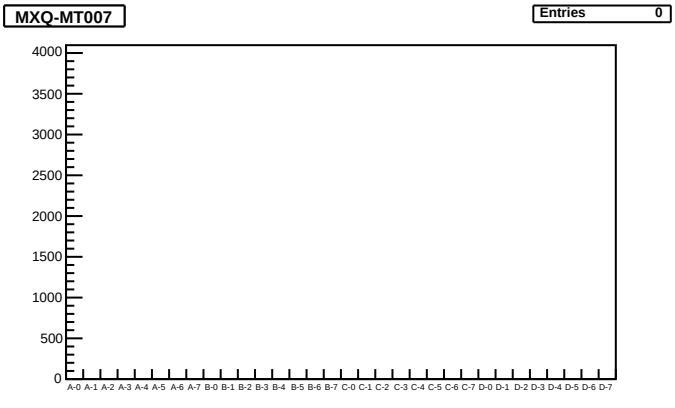

MXQ-MT002
Entries 1179072

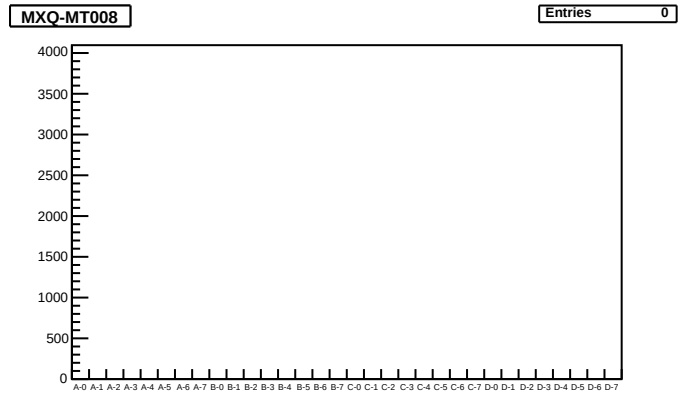

MXQ-MT003
Entries 1179072

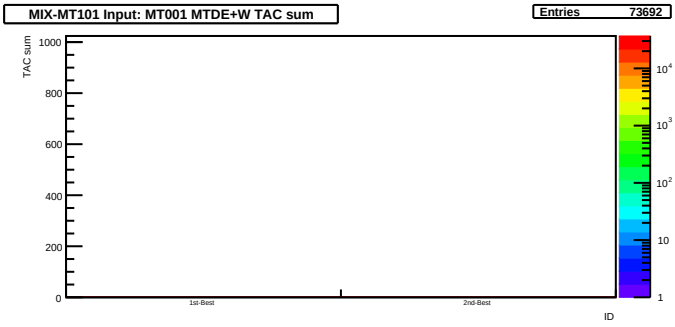

MXQ-MT004
Entries 1179072

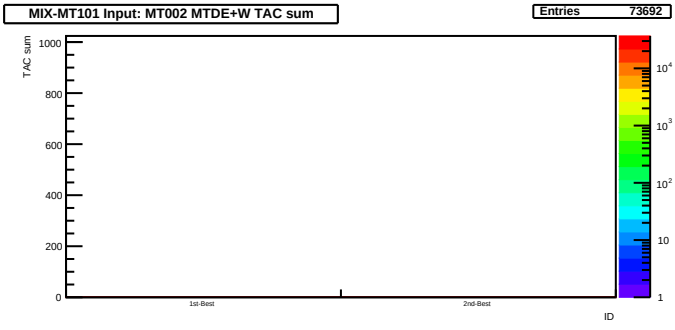

MXQ-MT005
Entries 1179072

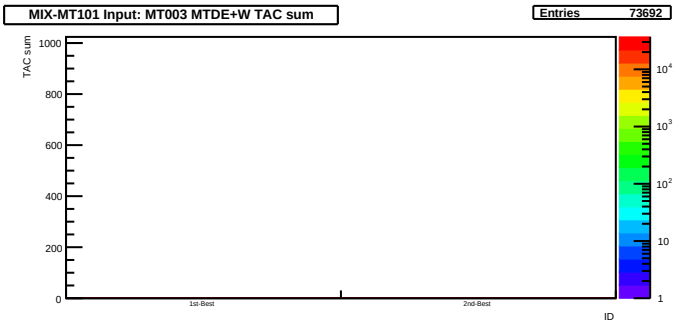

MXQ-MT006
Entries 0

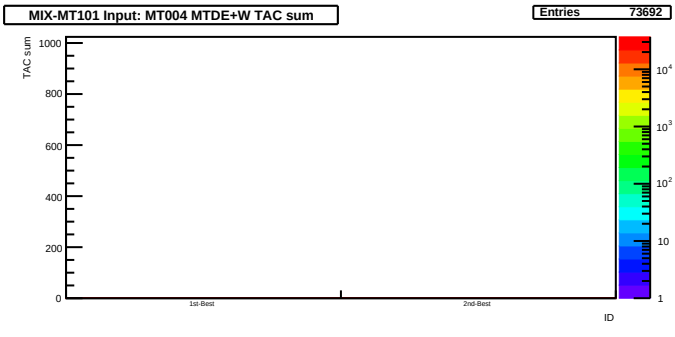

MXQ-MT007
Entries 0

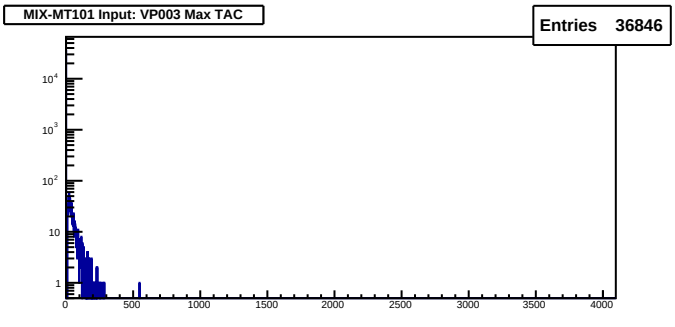

MXQ-MT008
Entries 0

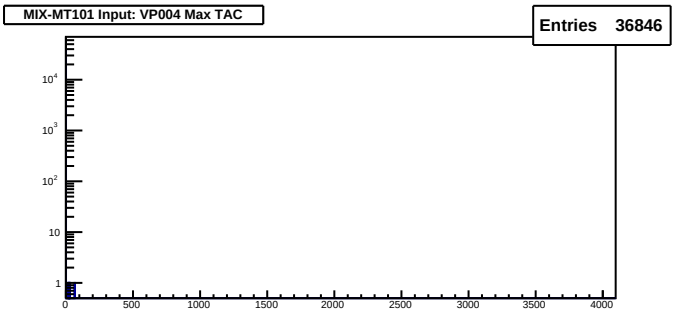

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 73692
TAC sum
1st-Best
2nd-Best
ID

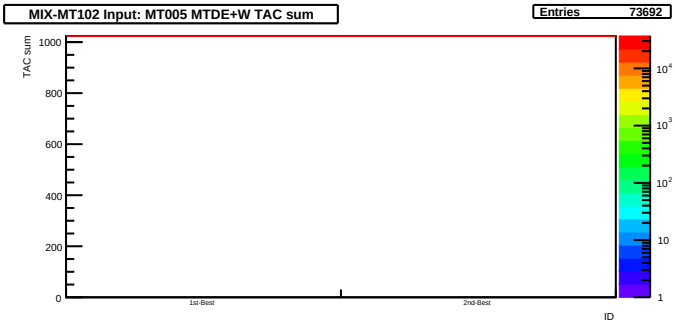

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 73692
TAC sum
1st-Best
2nd-Best
ID

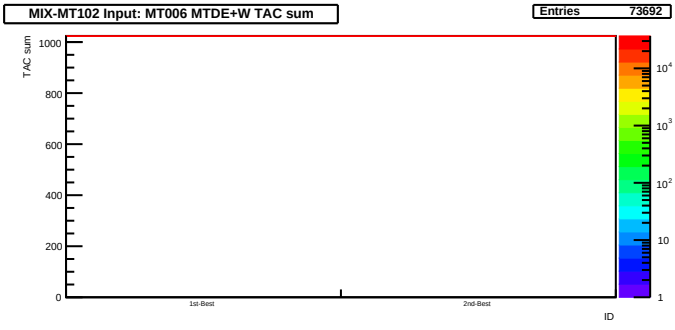

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 73692
TAC sum
1st-Best
2nd-Best
ID

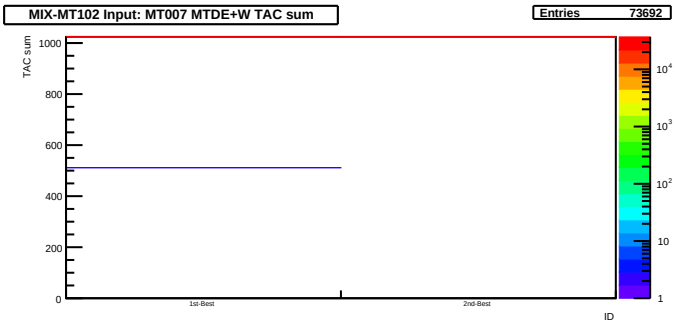

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 73692
TAC sum
1st-Best
2nd-Best
ID

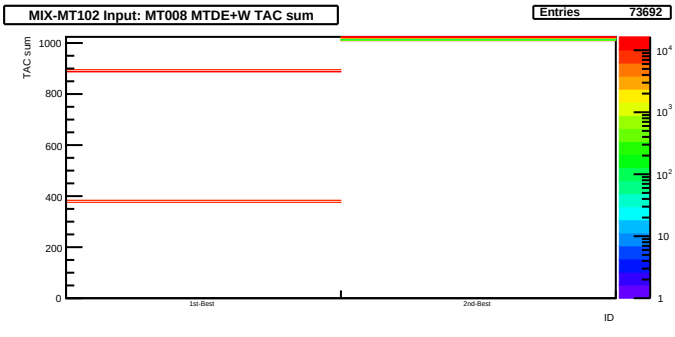

MIX-MT101 Input: VP003 Max TAC
Entries 36846

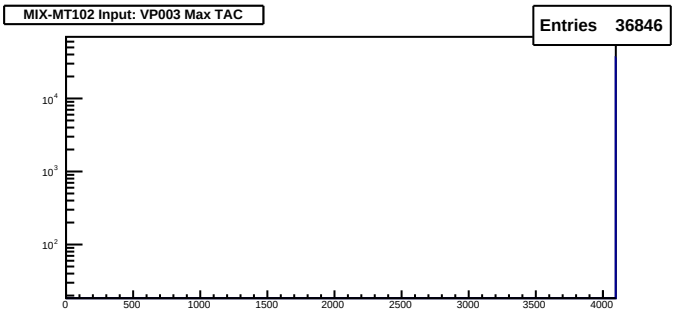

MIX-MT101 Input: VP004 Max TAC
Entries 36846

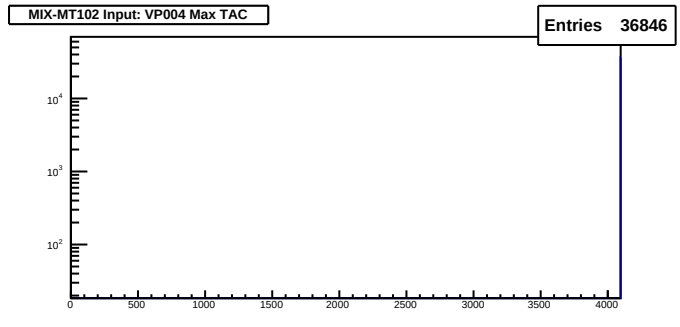

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 73692
TAC sum
1st-Best
2nd-Best
ID

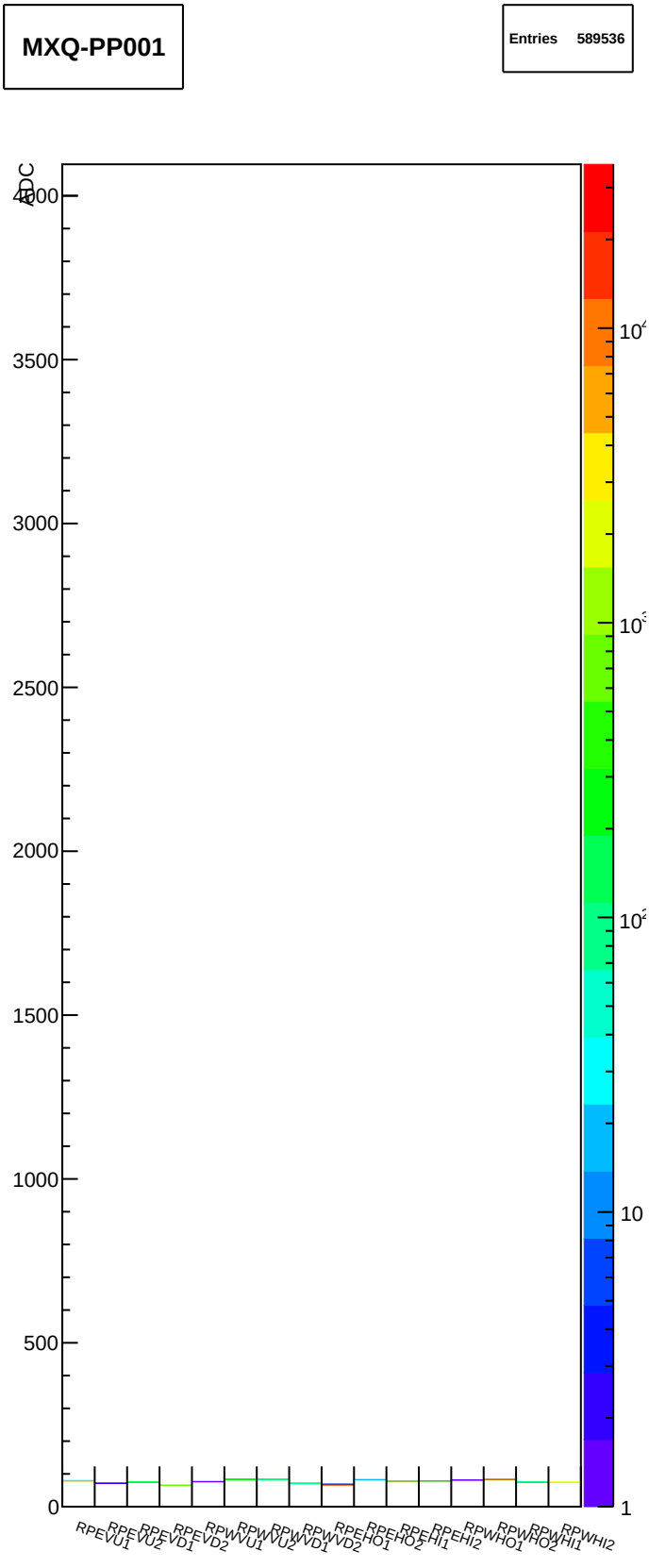

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 73692
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 73692
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 73692
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 36846


MIX-MT102 Input: VP004 Max TAC
Entries 36846


MXQ-PP001
Entries 589536
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
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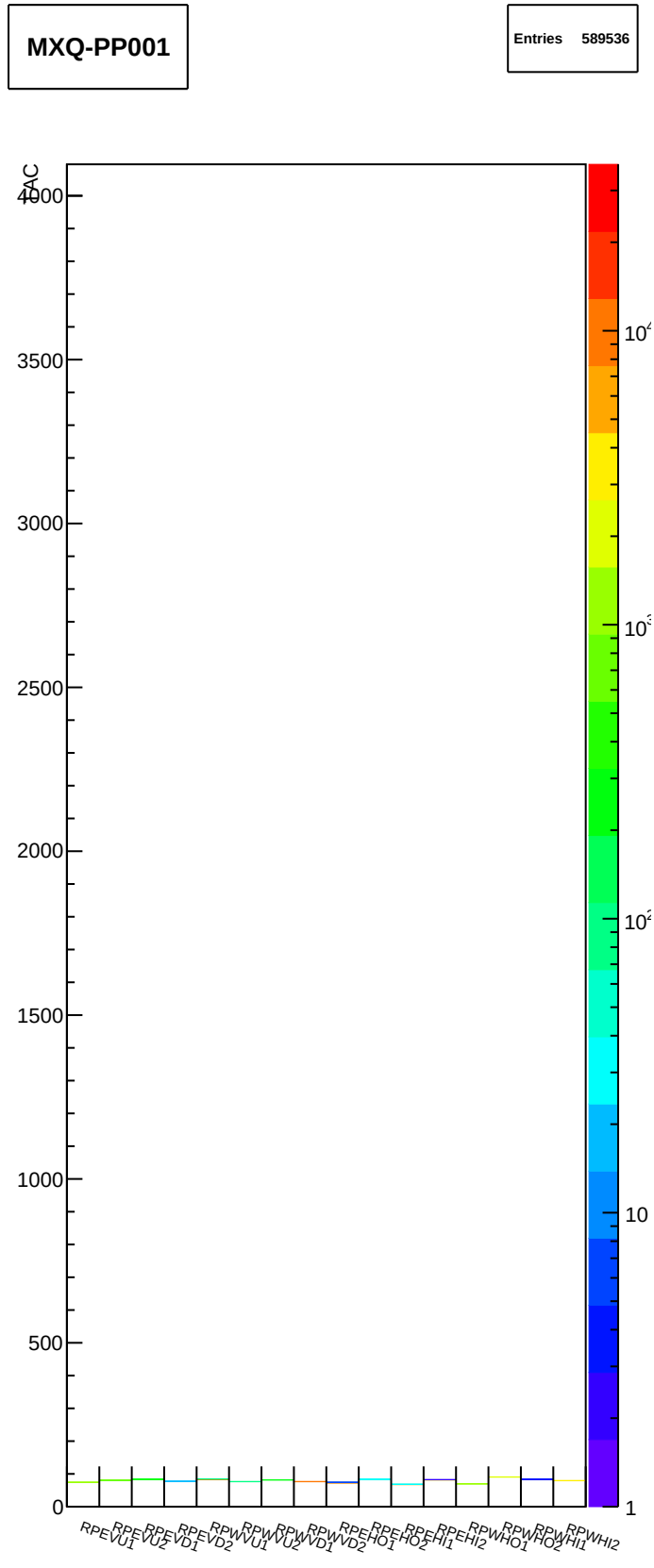
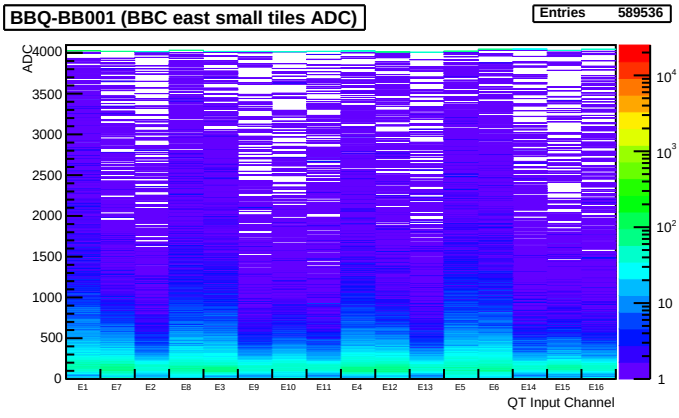
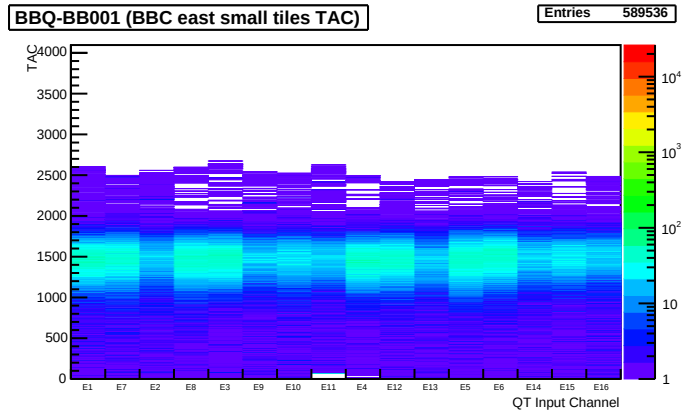
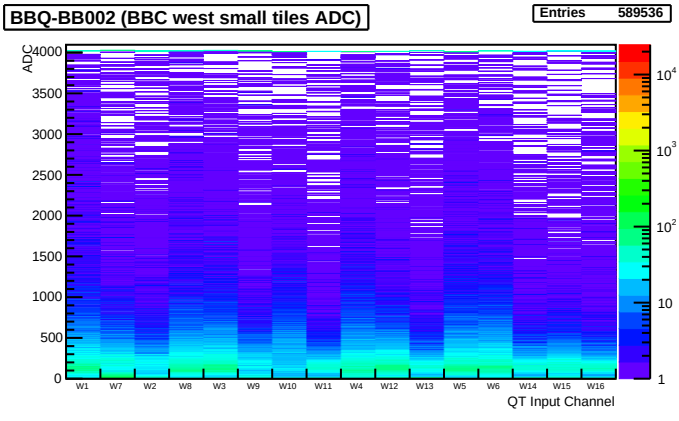
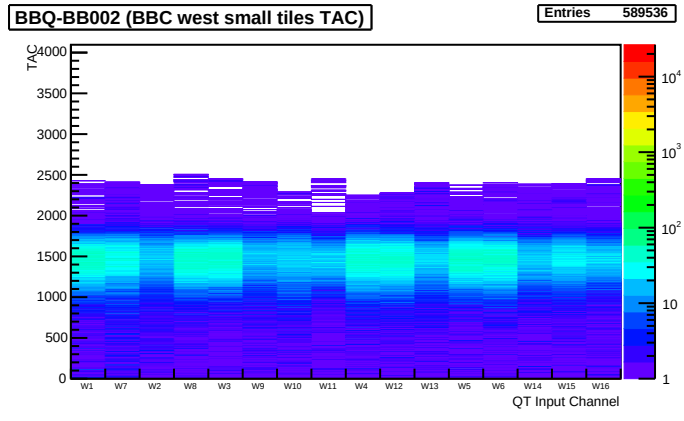
RPWHO2
RPWHI1
RPWHI2
10
1

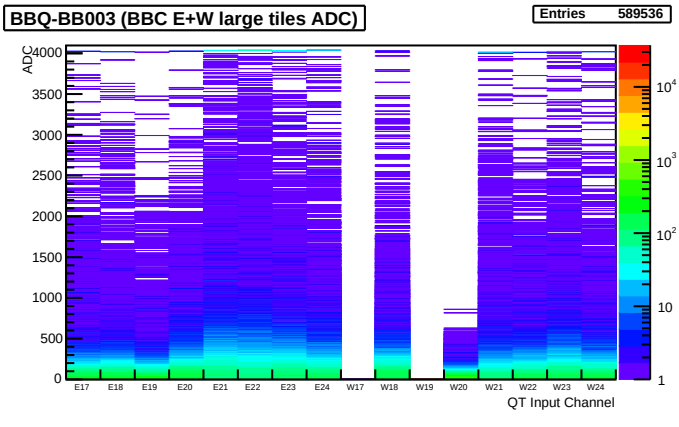

MXQ-PP001
Entries 589536
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

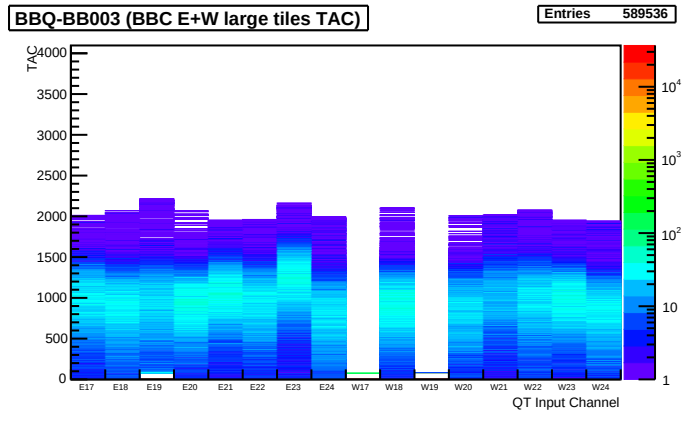

BBQ-BB001 (BBC east small tiles ADC)
Entries 589536
ADC
QT Input Channel

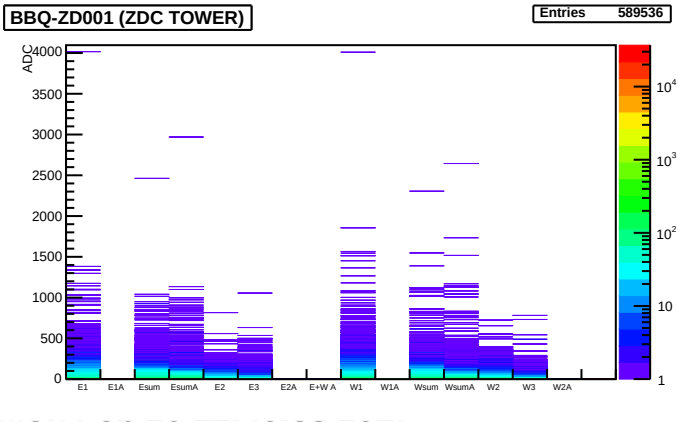

BBQ-BB001 (BBC east small tiles TAC)
Entries 589536
TAC
QT Input Channel

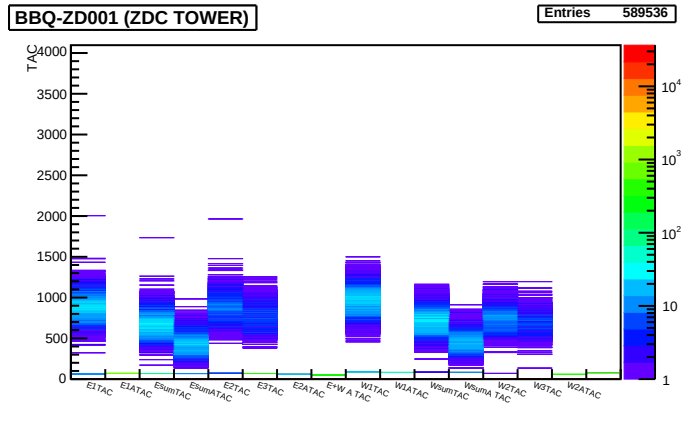

BBQ-BB002 (BBC west small tiles ADC)
Entries 589536
ADC
QT Input Channel

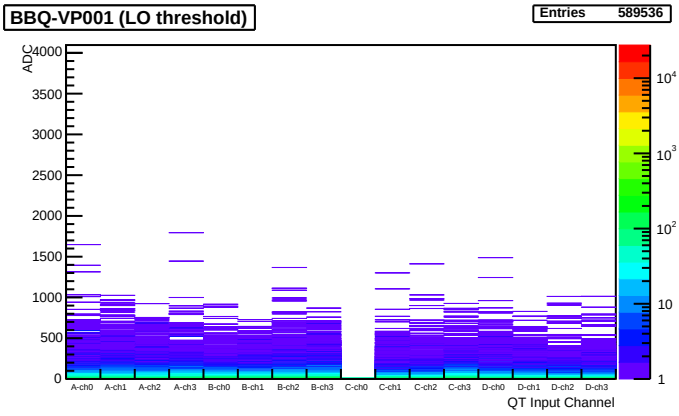

BBQ-BB002 (BBC west small tiles TAC)
Entries 589536
TAC
QT Input Channel

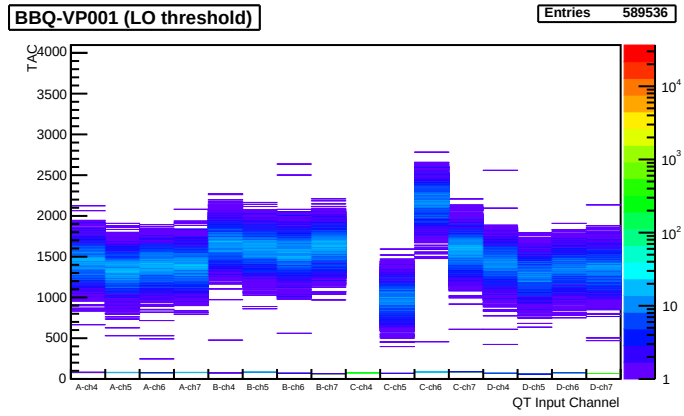

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 589536
ADC
QT Input Channel

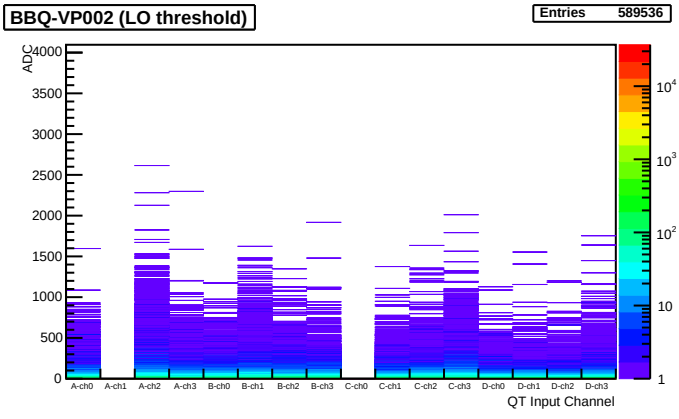

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 589536
TAC
QT Input Channel

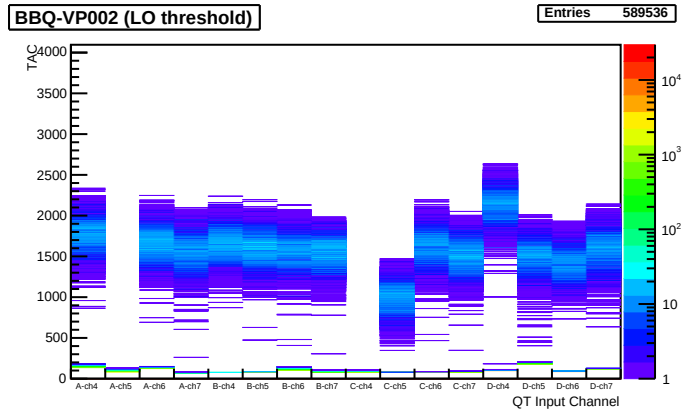

BBQ-ZD001 (ZDC TOWER)
Entries 589536
ADC

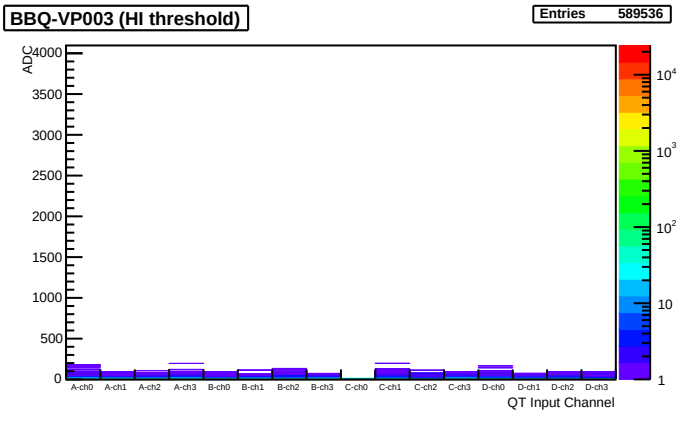

BBQ-ZD001 (ZDC TOWER)
Entries 589536
TAC

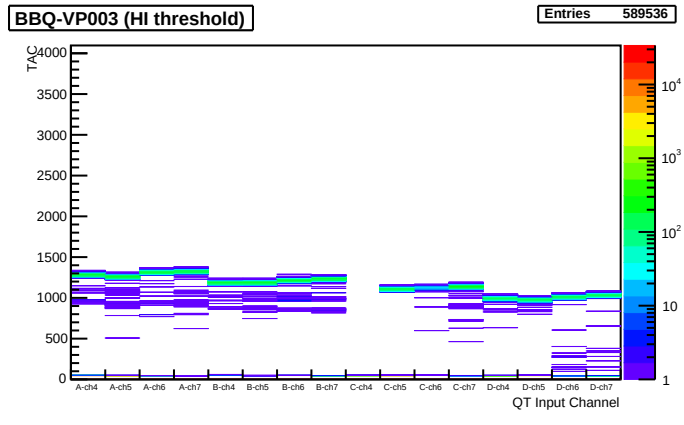

BBQ-VP001 (LO threshold)
Entries 589536
ADC
QT Input Channel

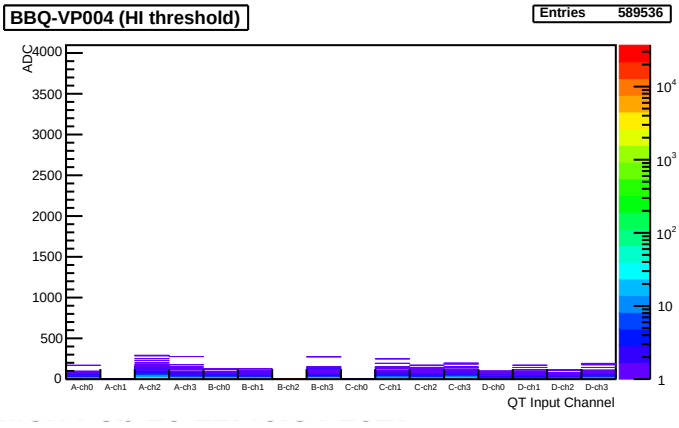

BBQ-VP001 (LO threshold)
Entries 589536
TAC
QT Input Channel

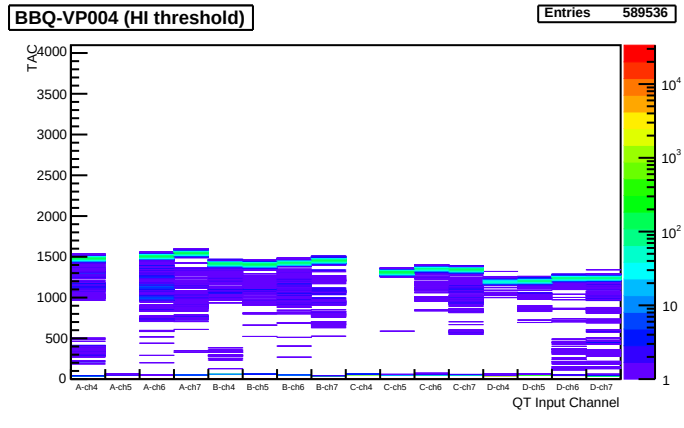

BBQ-VP002 (LO threshold)
Entries 589536
ADC
QT Input Channel

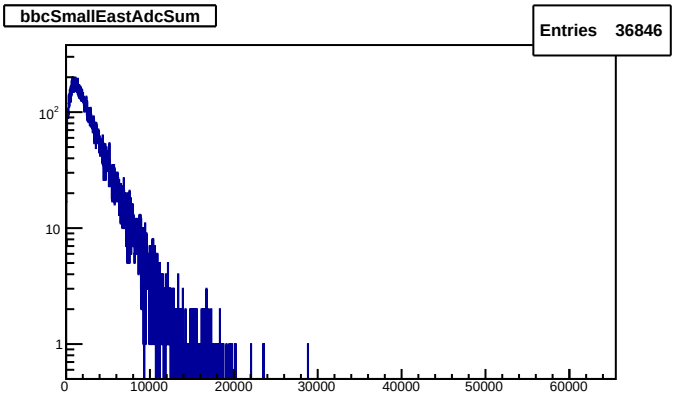

BBQ-VP002 (LO threshold)
Entries 589536
TAC
QT Input Channel

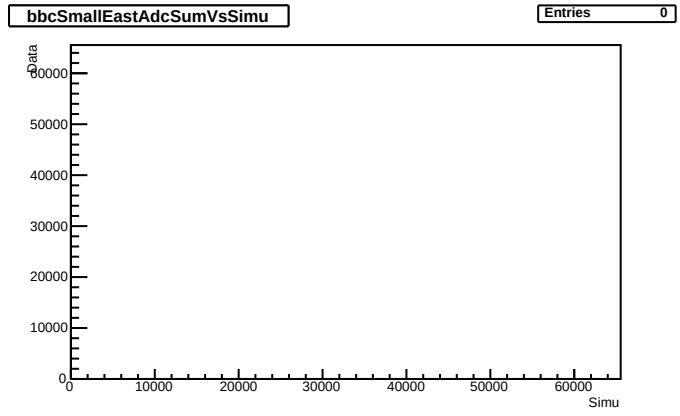

BBQ-VP003 (HI threshold)
Entries 589536
ADC
QT Input Channel

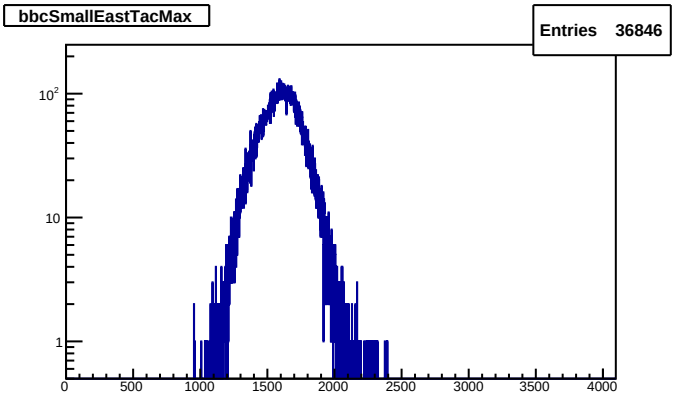

BBQ-VP003 (HI threshold)
Entries 589536
TAC
QT Input Channel

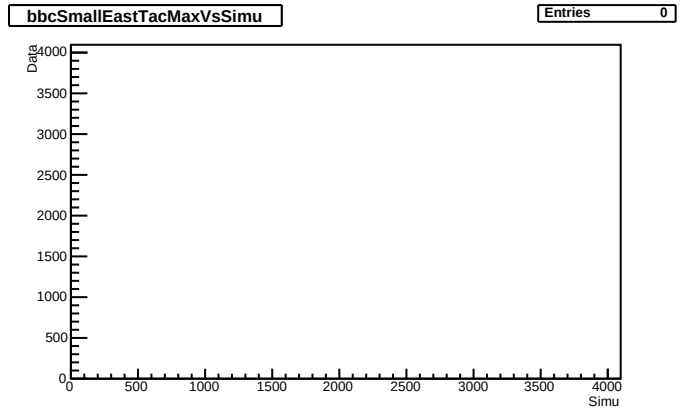

BBQ-VP004 (HI threshold)
Entries 589536
ADC
QT Input Channel

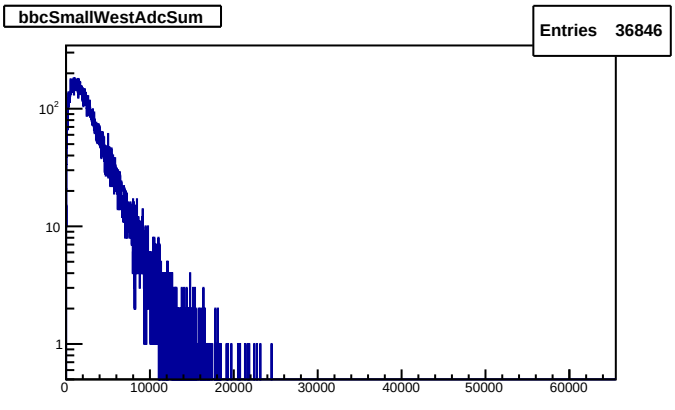

BBQ-VP004 (HI threshold)
Entries 589536
TAC
QT Input Channel

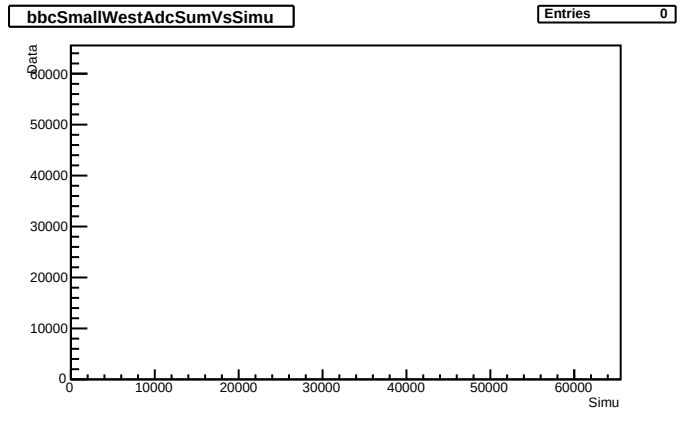

bbcSmallEastAdcSum
Entries 36846

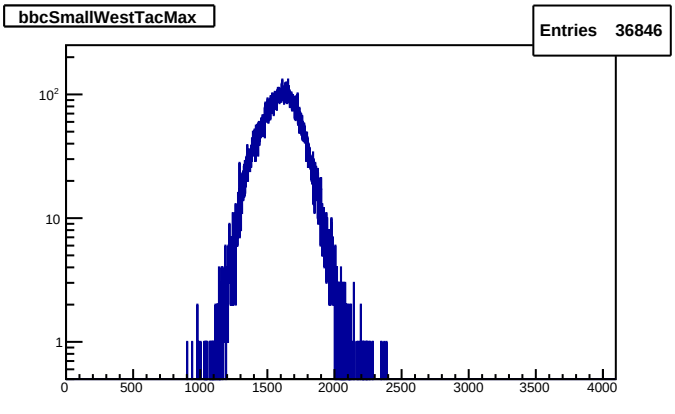

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

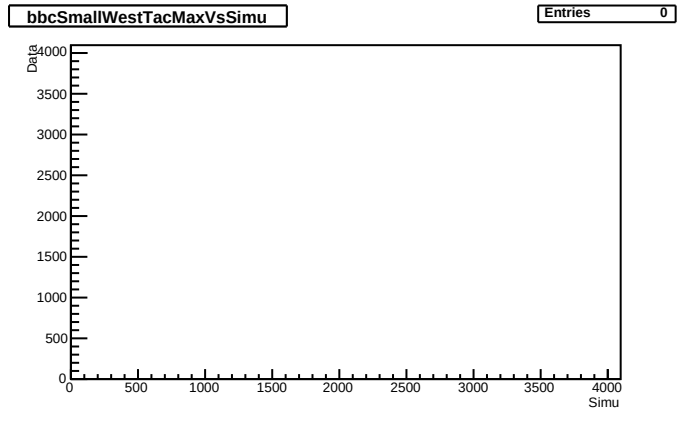

bbcSmallEastTacMax
Entries 36846

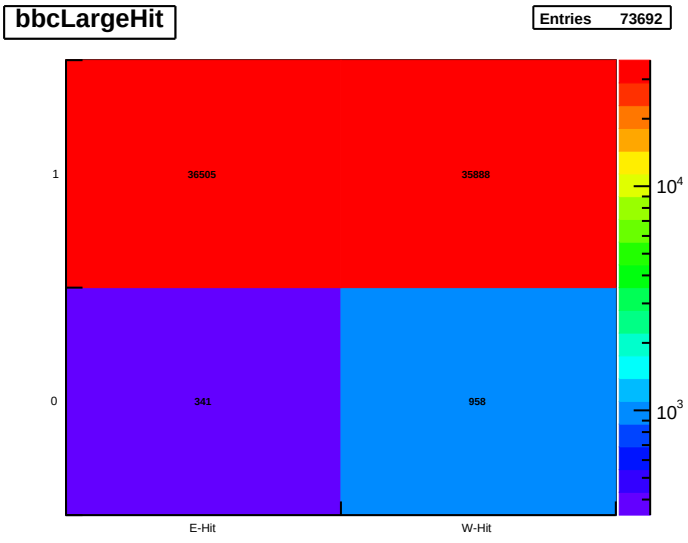

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

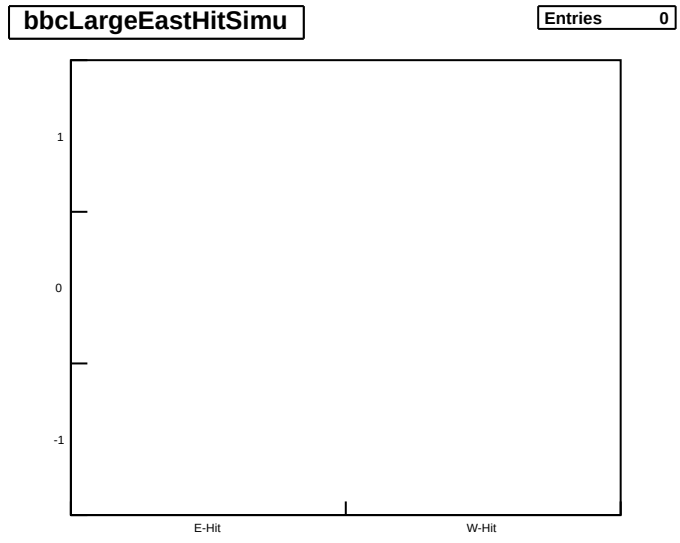

bbcSmallWestAdcSum
Entries 36846

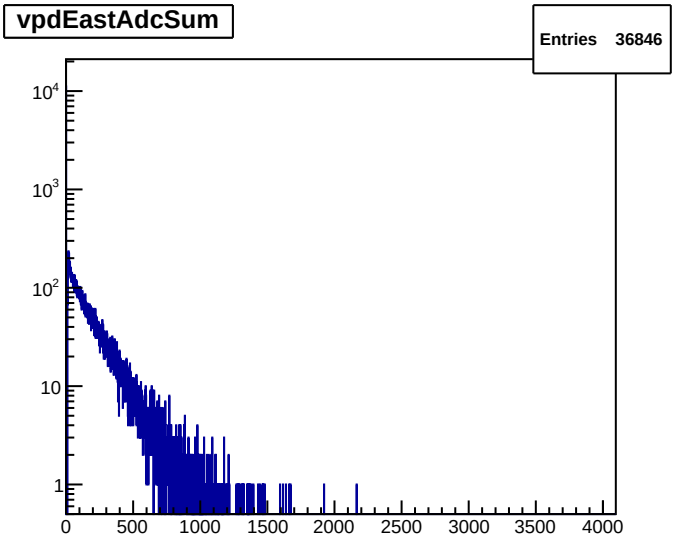

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

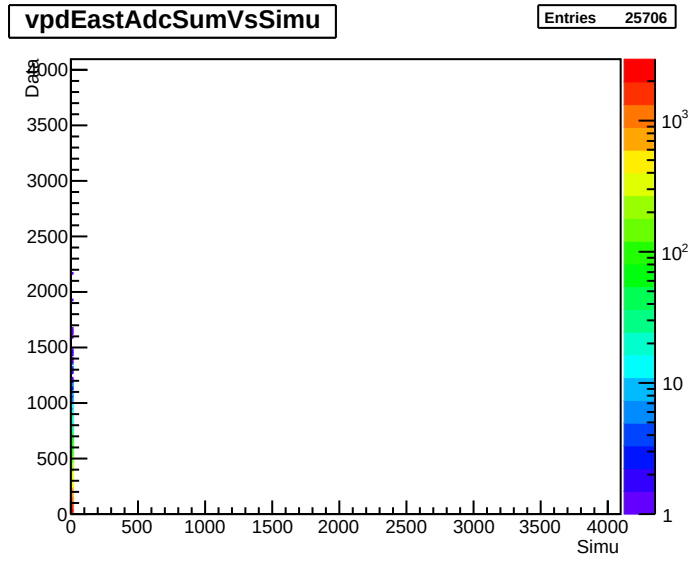

bbcSmallWestTacMax
Entries 36846

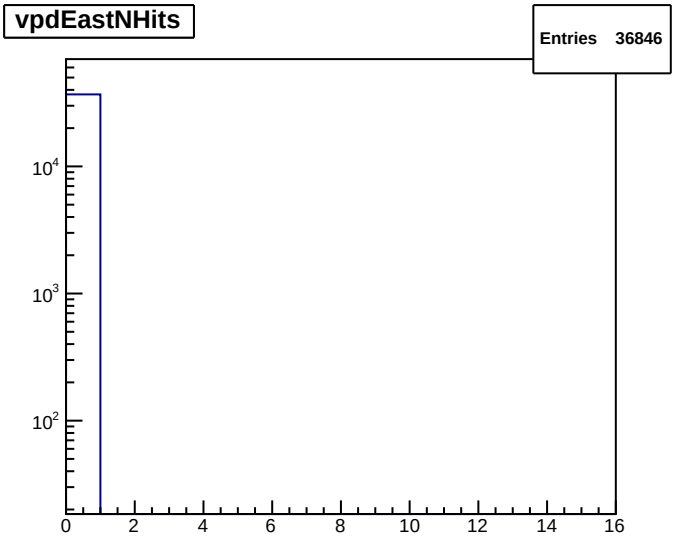

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

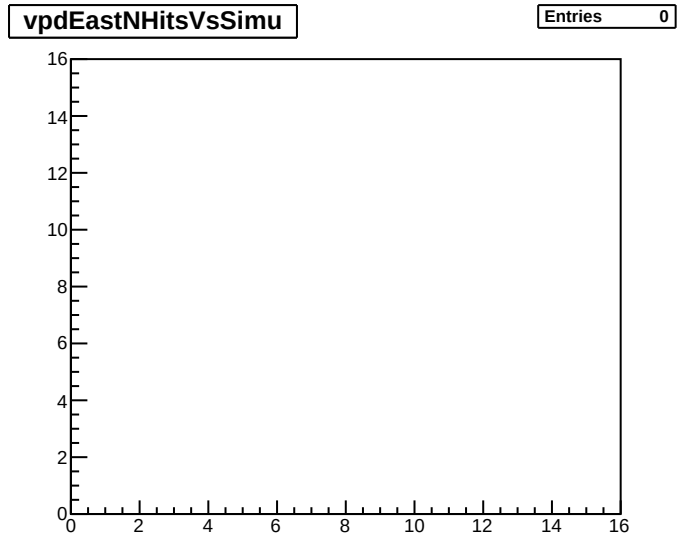

bbcLargeHit
Entries 73692
36505
35888
341
958
1
0
E-Hit
W-Hit
10^4
10^3

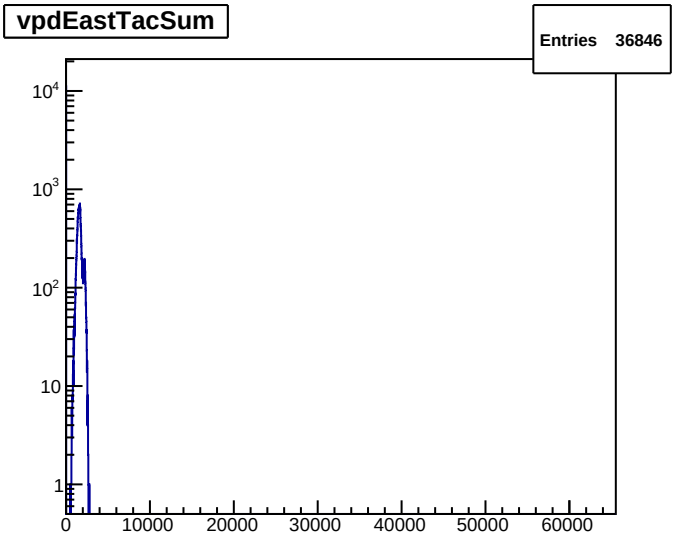

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

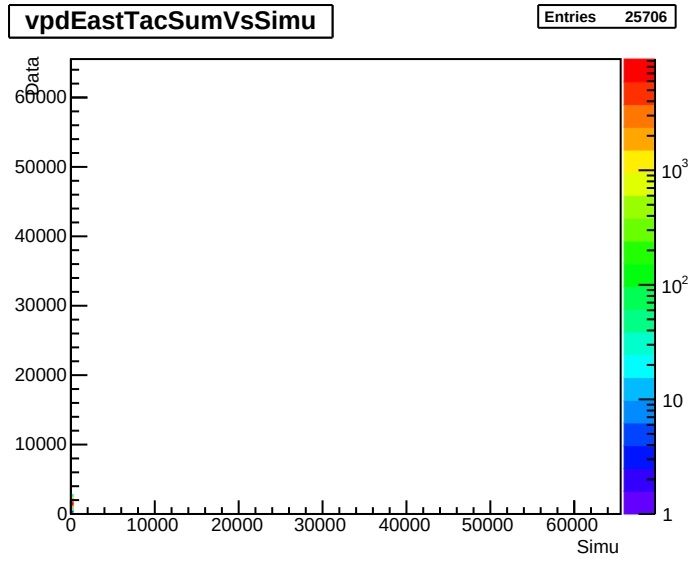

vpdEastAdcSum
Entries 36846

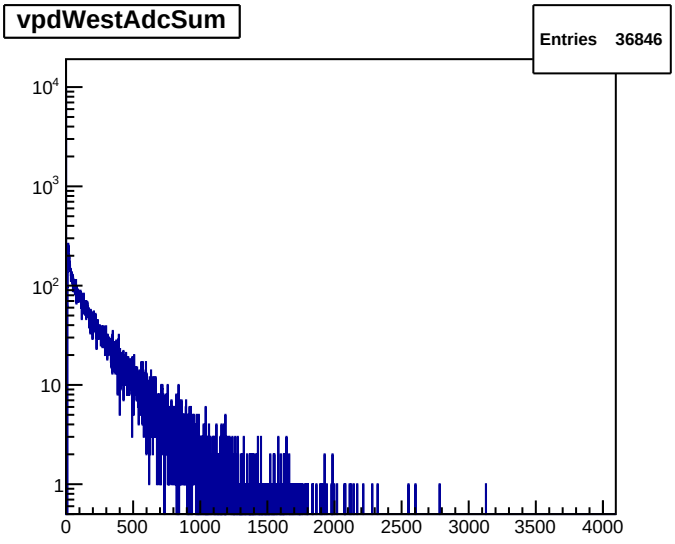

vpdEastAdcSumVsSimu
Entries 25706
Data
Simu

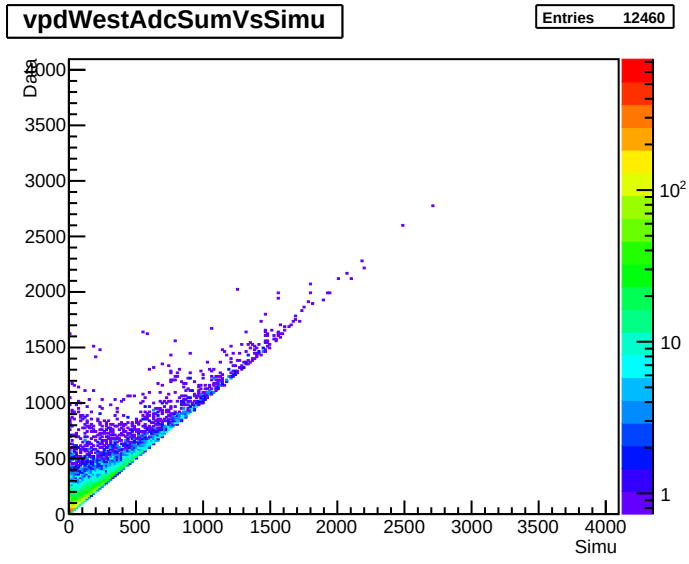

vpdEastNHits
Entries 36846

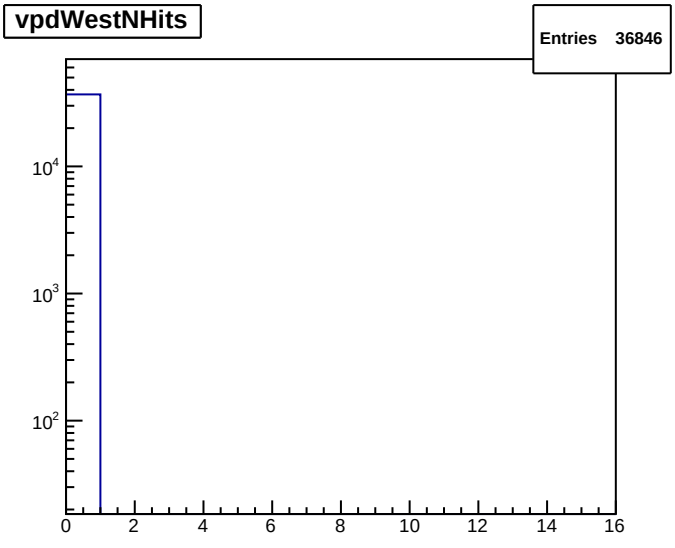

vpdEastNHitsVsSimu
Entries 0

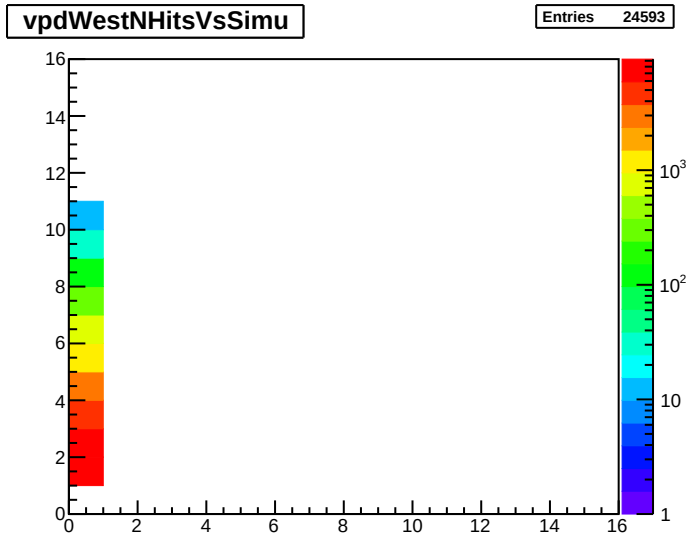

vpdEastTacSum
Entries 36846

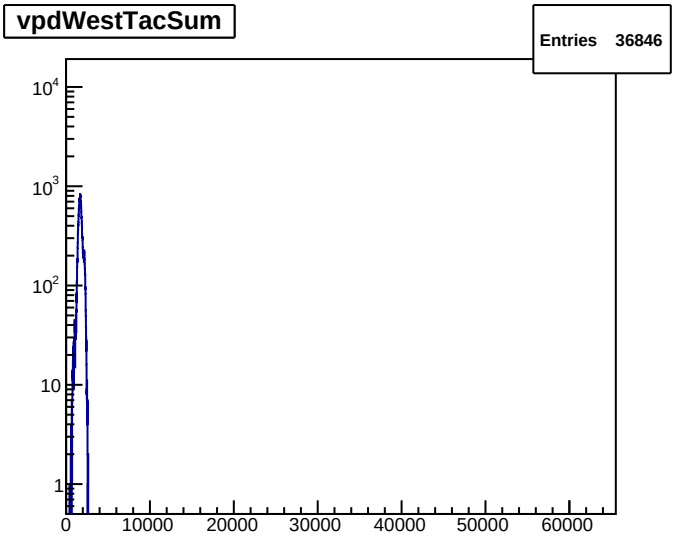

vpdEastTacSumVsSimu
Entries 25706
Data
Simu

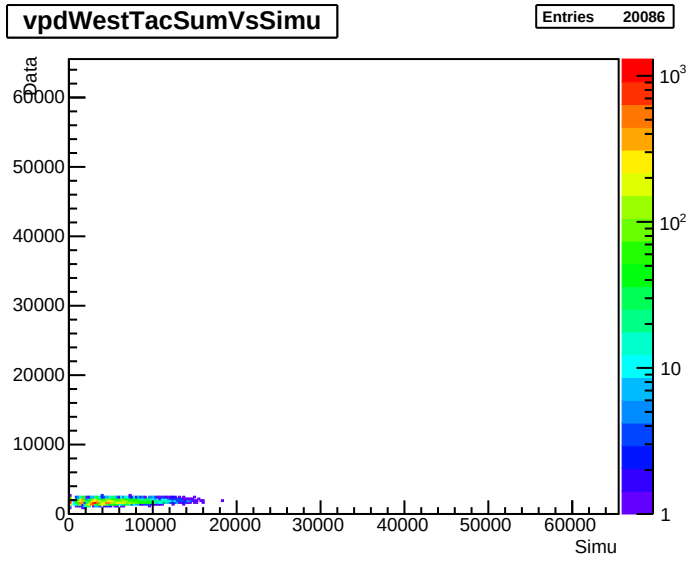

vpdWestAdcSum
Entries 36846

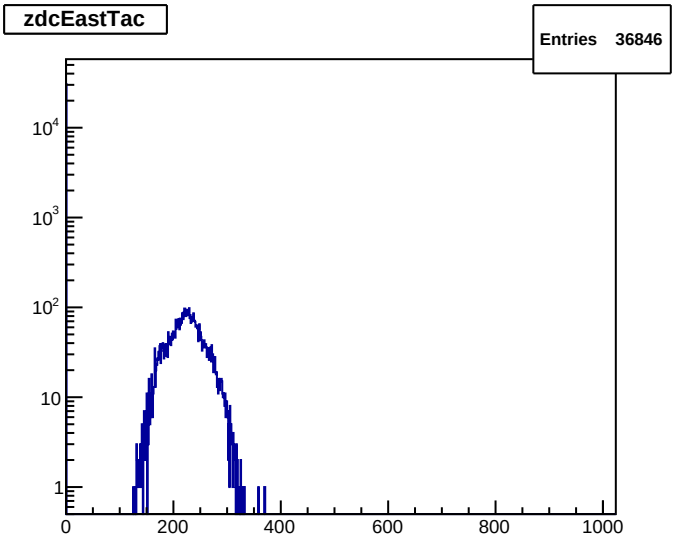

vpdWestAdcSumVsSimu
Entries 12460
Data
Simu

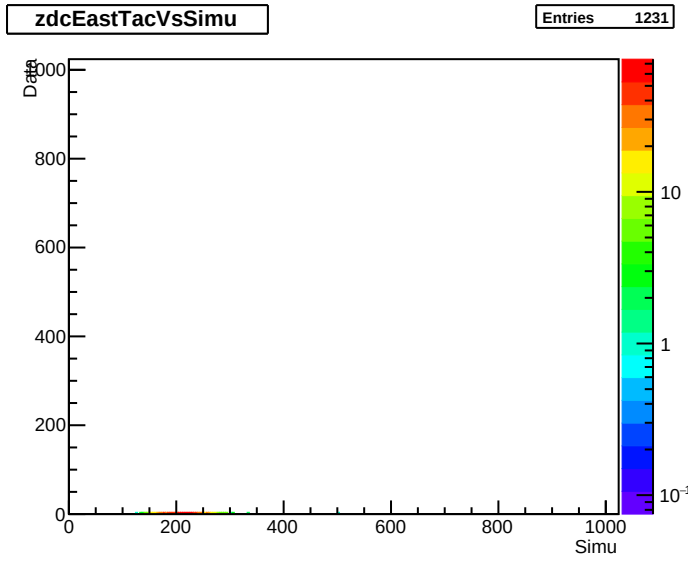

vpdWestNHits
Entries 36846

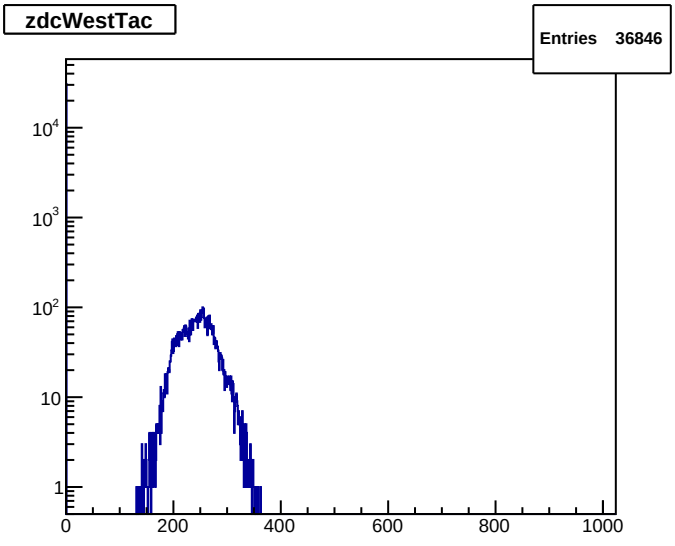

vpdWestNHitsVsSimu
Entries 24593

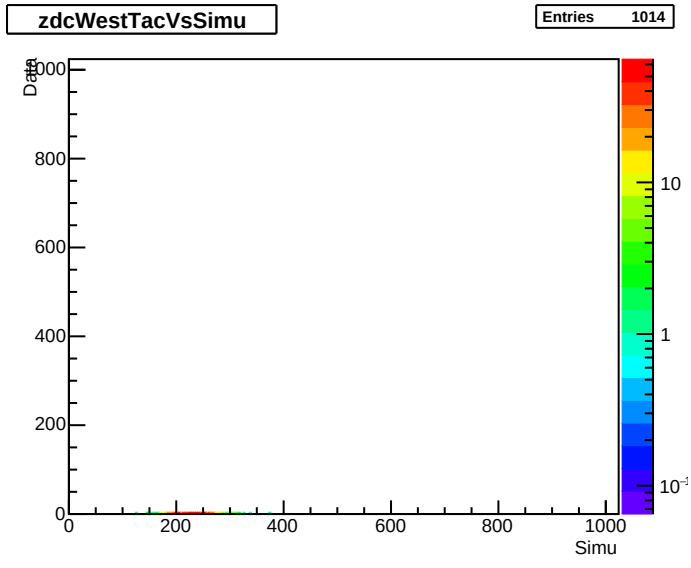

vpdWestTacSum
Entries 36846

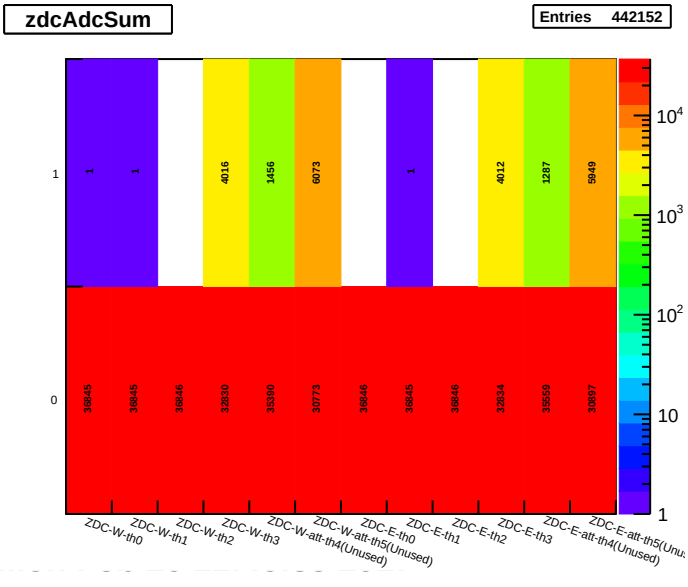

vpdWestTacSumVsSimu
Entries 20086
Data
Simu

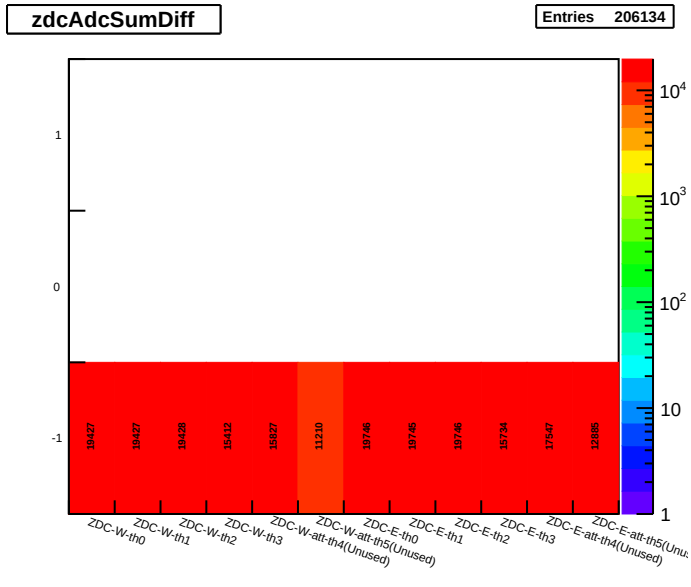

zdcEastTac
Entries 36846

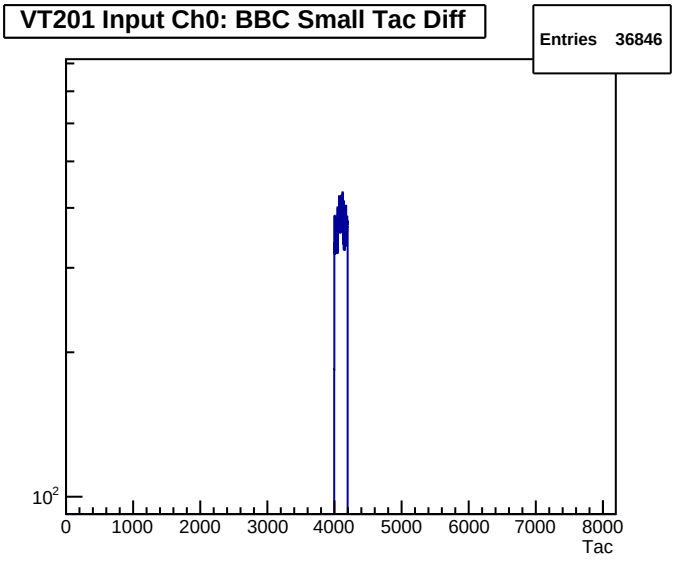

zdcEastTacVsSimu
Entries 1231
Data
Simu

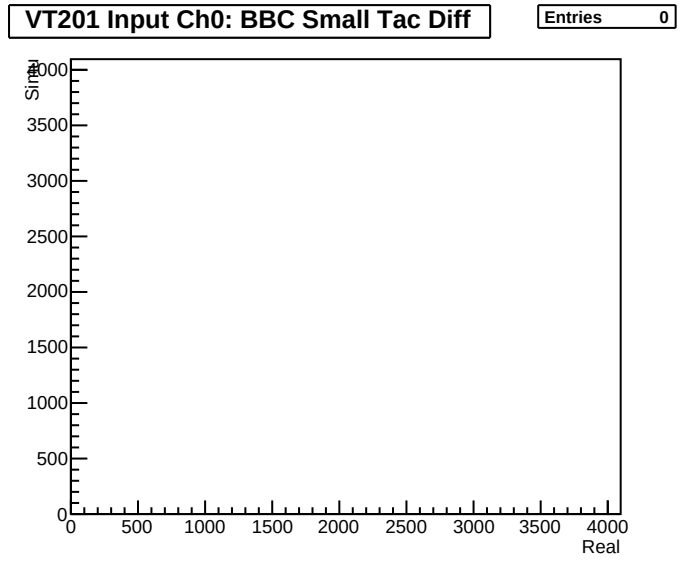

zdcWestTac
Entries 36846

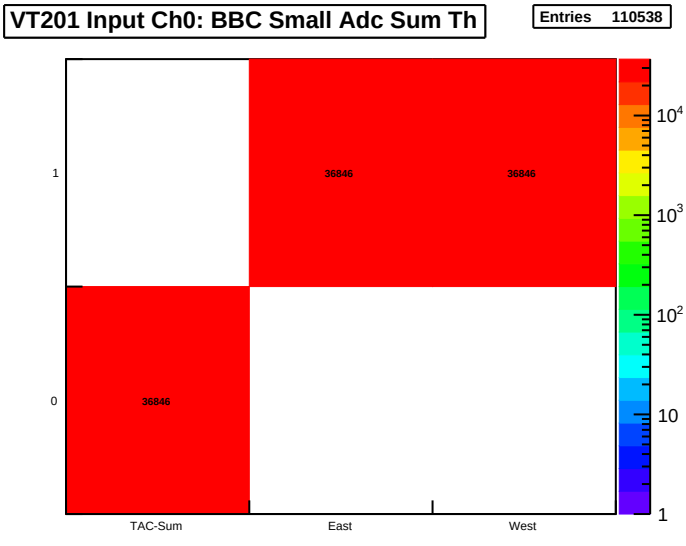

zdcWestTacVsSimu
Entries 1014
Data
Simu

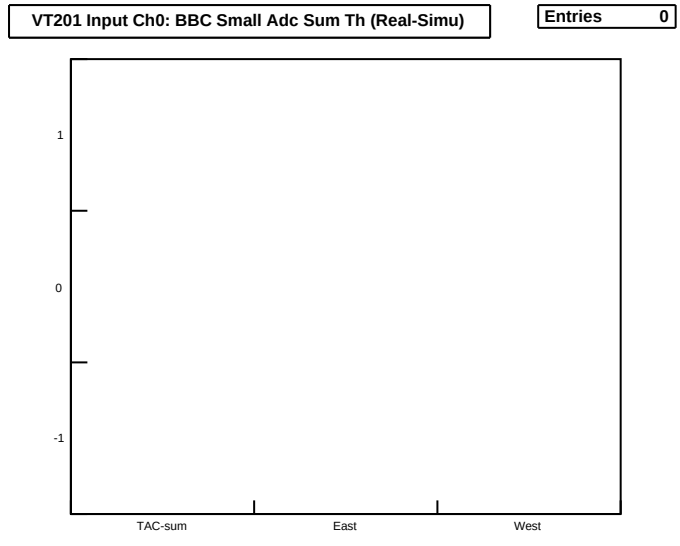

zdcAdcSum
Entries 442152
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

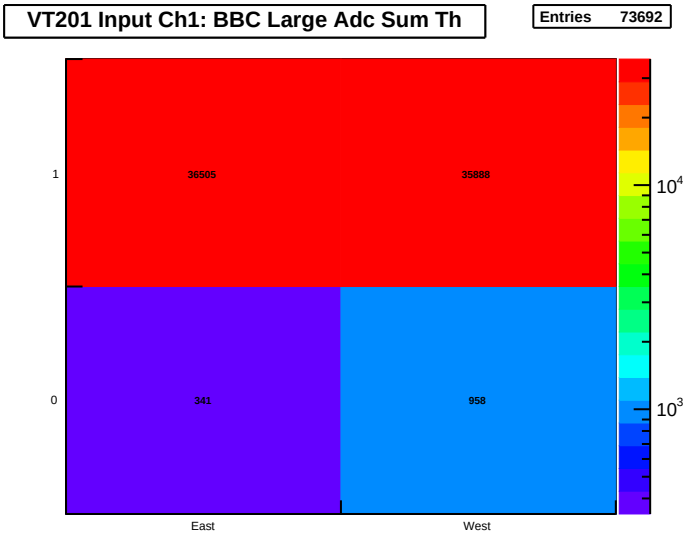

zdcAdcSumDiff
Entries 206134
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

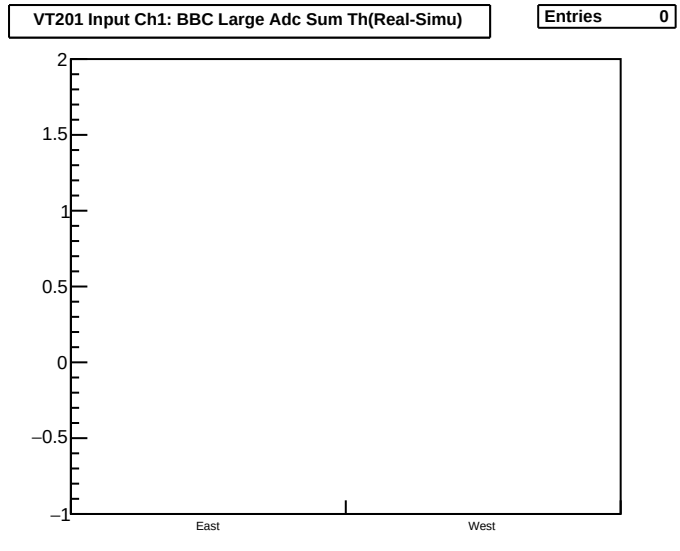

VT201 Input Ch0: BBC Small Tac Diff
Entries 36846
10^2
0 1000 2000 3000 4000 5000 6000 7000 8000
Tac


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

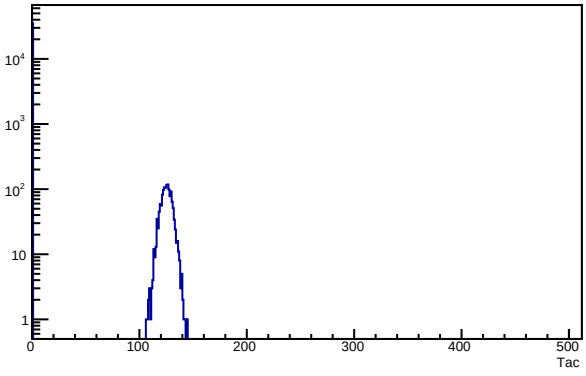

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 110538
1
0
36846
36846
36846
TAC-Sum
East
West
10^4
10^3
10^2
10
1


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

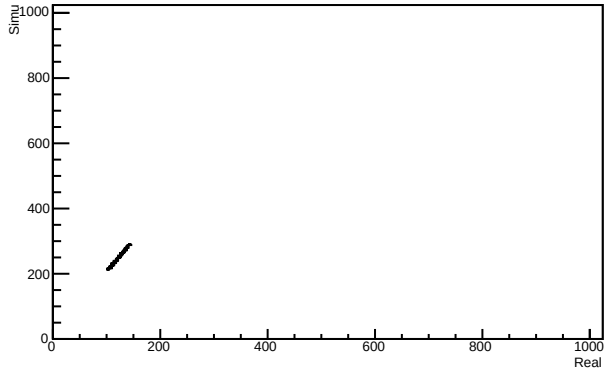

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 73692
1
0
36505
35888
341
958
East
West
10^4
10^3


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

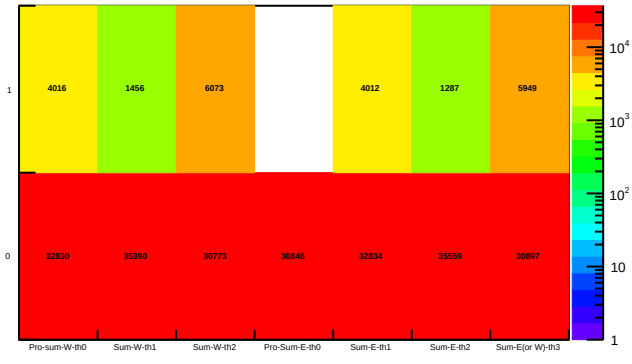
VT201 Input Ch2: ZDC Tac Diff



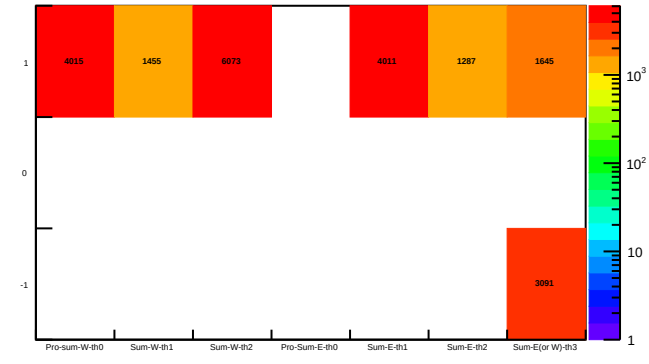
VT201 Input Ch2: ZDC Tac Diff



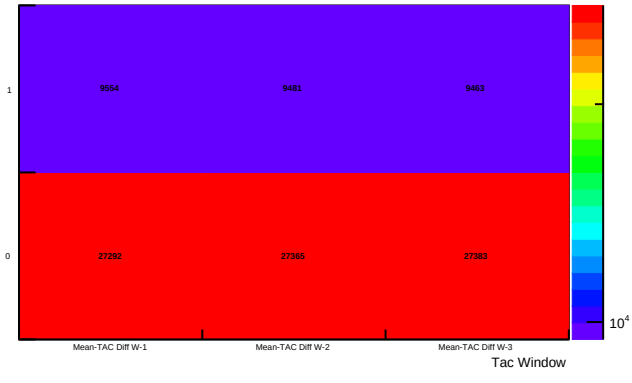
VT201 Input Ch2: ZDC Adc Sum Th



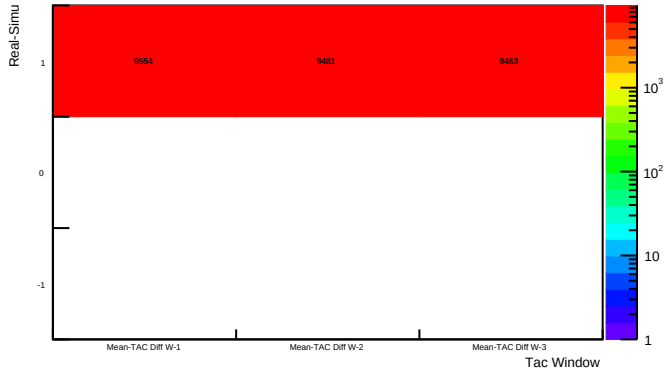
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



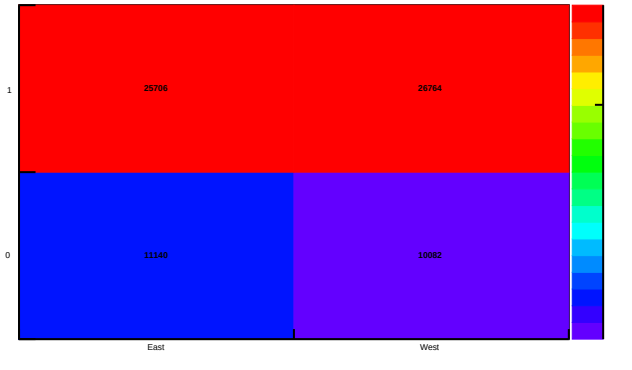
VT201 Input Ch4: VPD Tac Diff



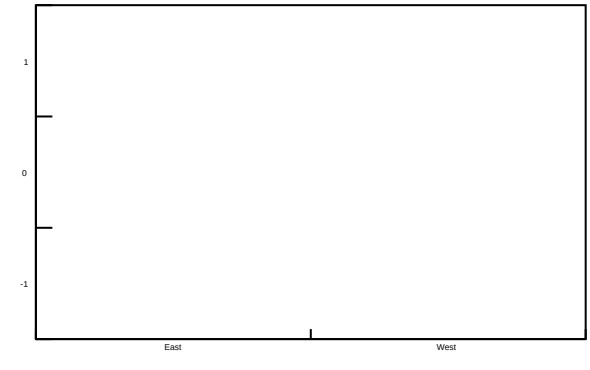
VT201 Input Ch4: VPD Tac Diff

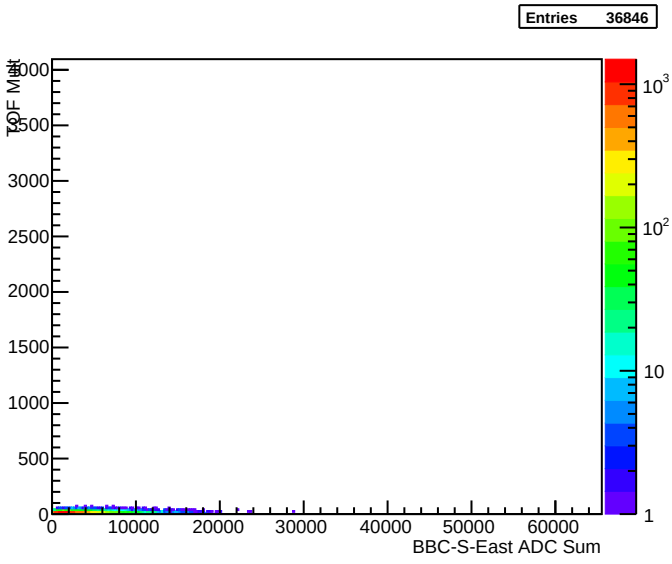


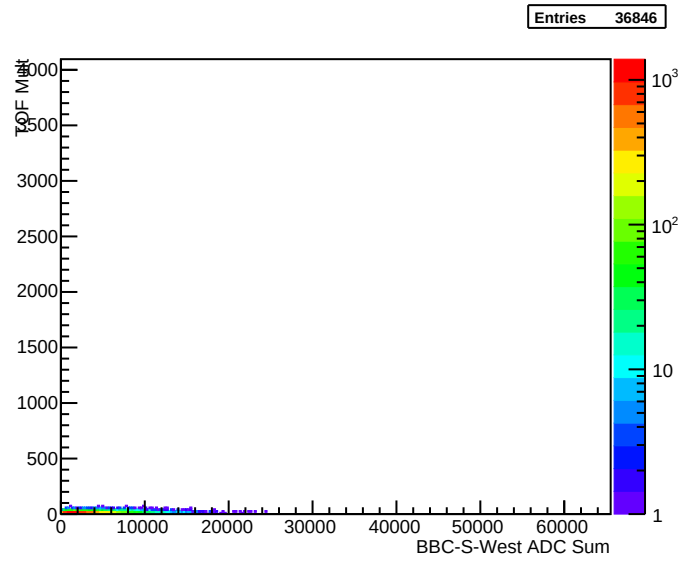
VT201 Input Ch4: VPD Adc Sum Th

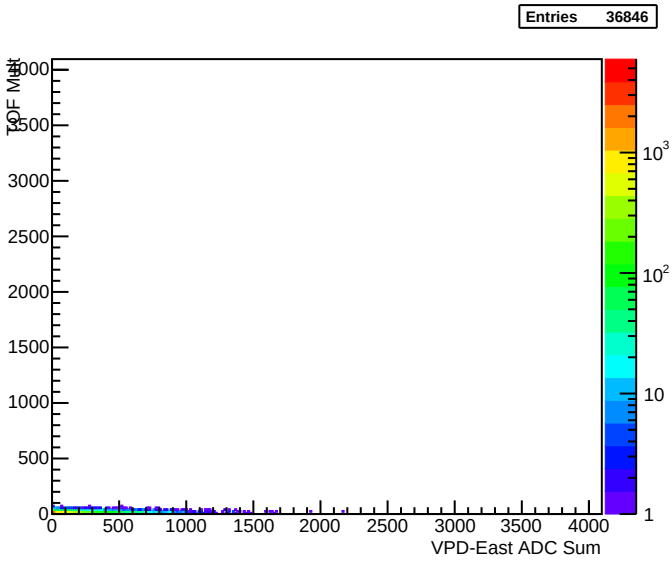


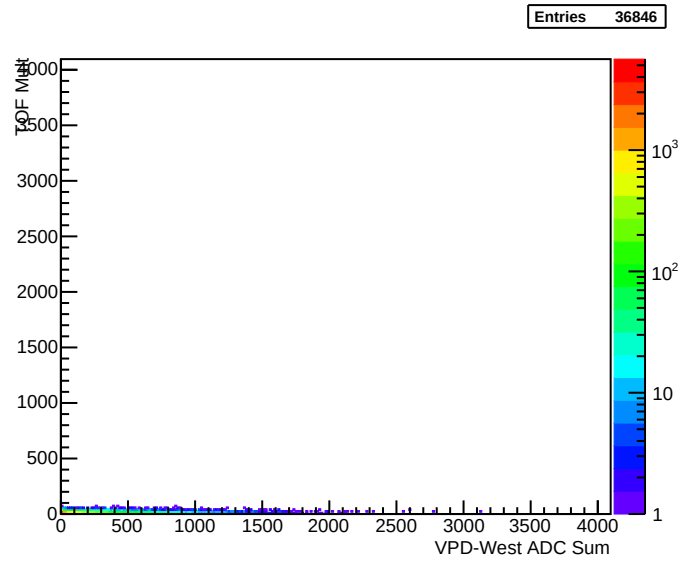
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

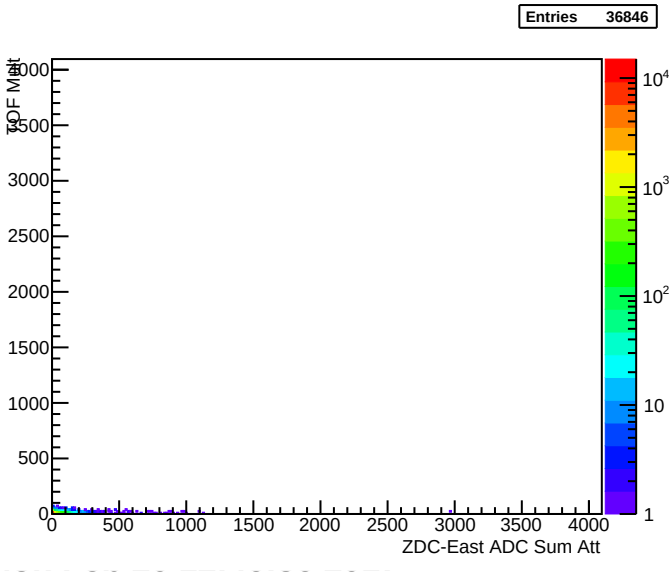


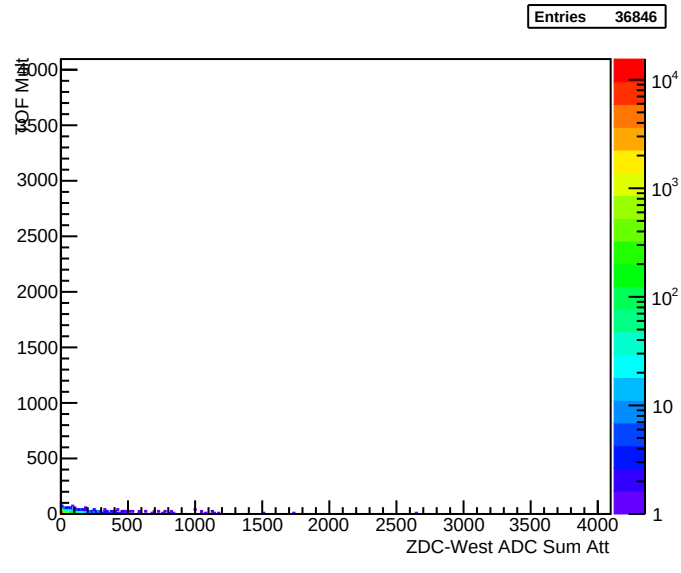

Entries 36846
TOF Mult
BBC-S-East ADC Sum

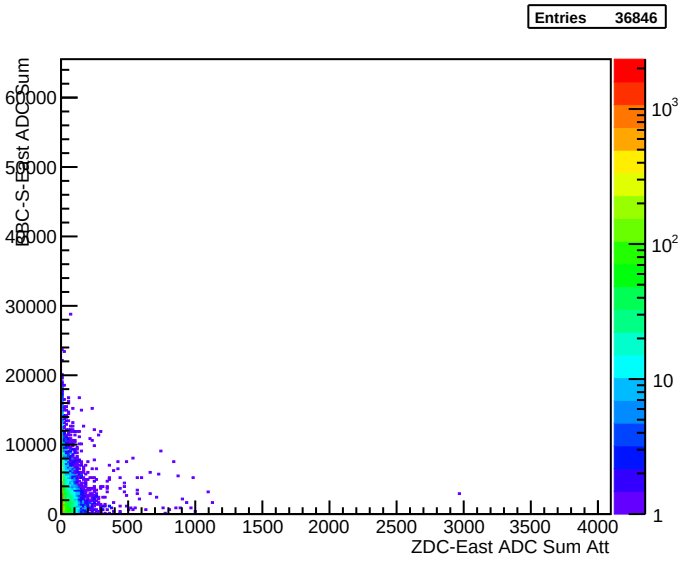

Entries 36846
TOF Mult
BBC-S-West ADC Sum

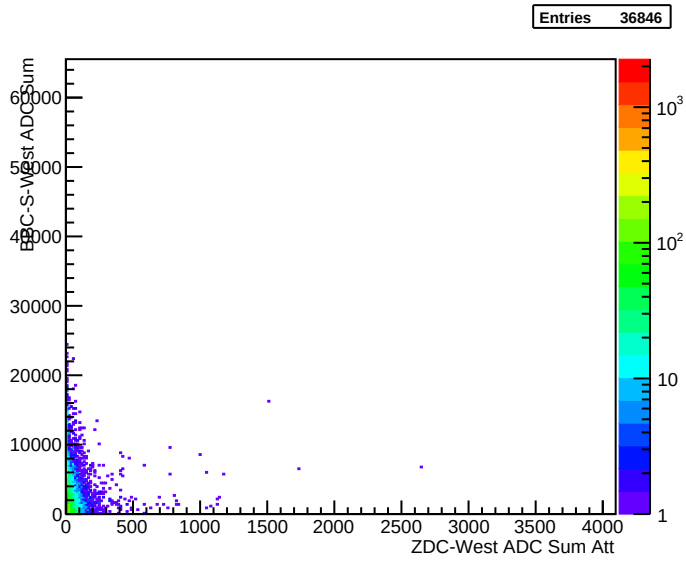

Entries 36846
TOF Mult
VPD-East ADC Sum

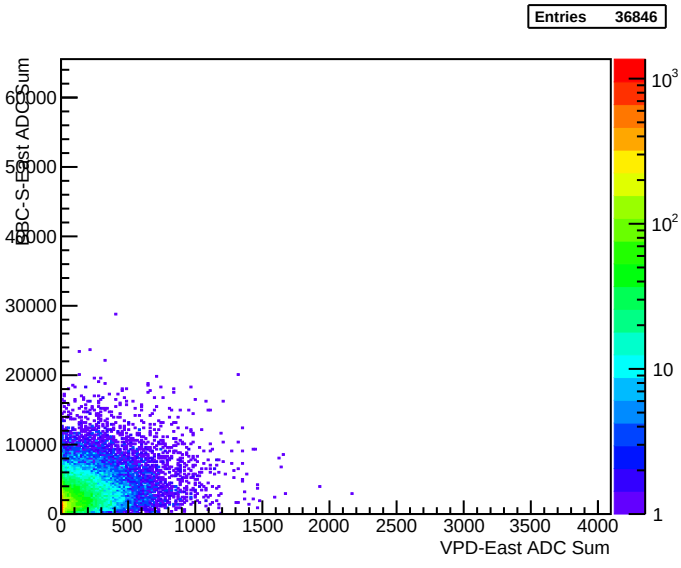

Entries 36846
TOF Mult
VPD-West ADC Sum

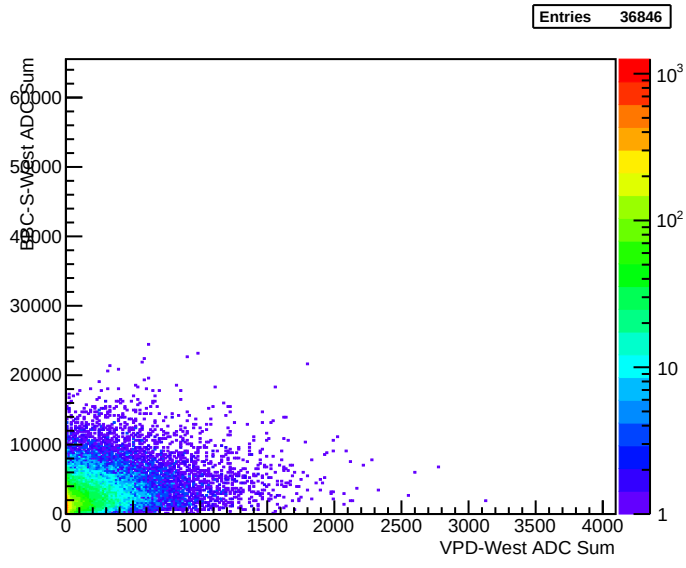

Entries 36846
TOF Mult
ZDC-East ADC Sum Att

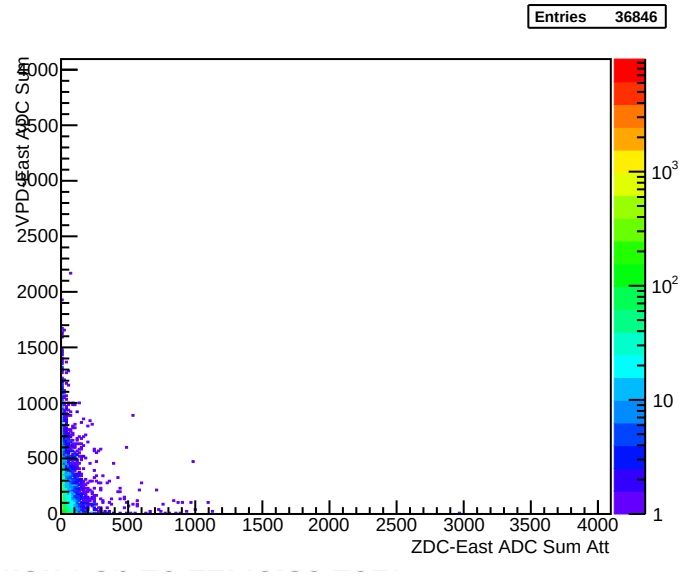

Entries 36846
TOF Mult
ZDC-West ADC Sum Att

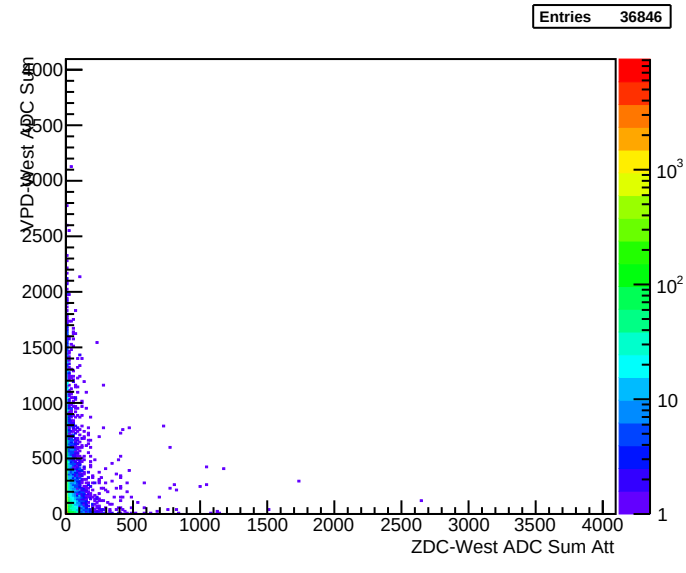

Entries 36846
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

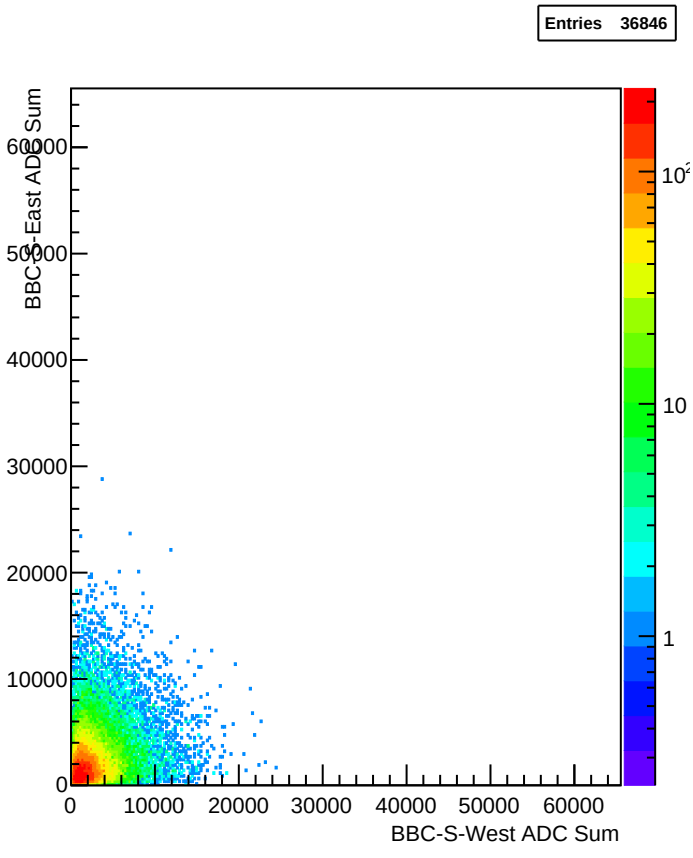

Entries 36846
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

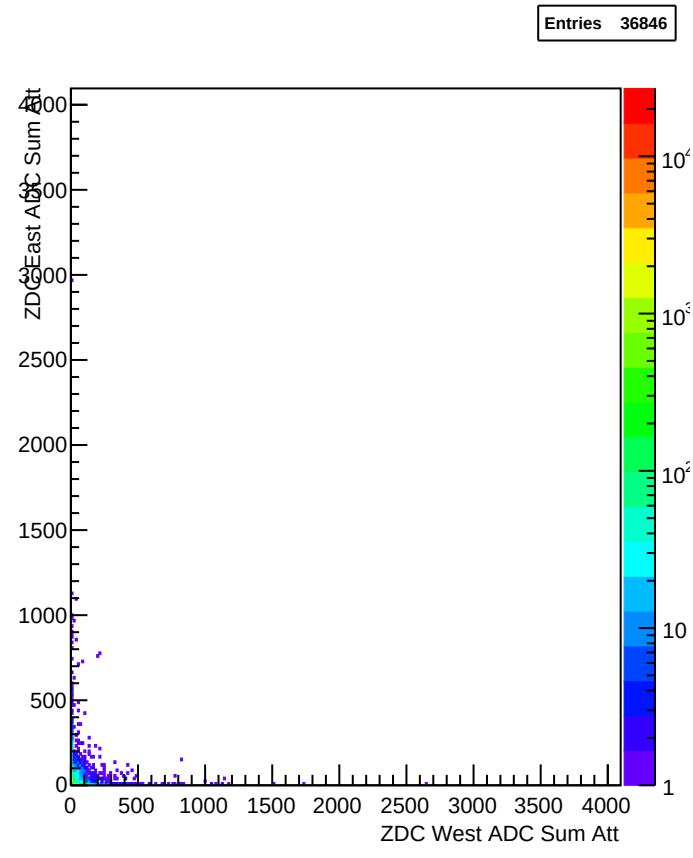

Entries 36846
BBC-S-East ADC Sum
VPD-East ADC Sum

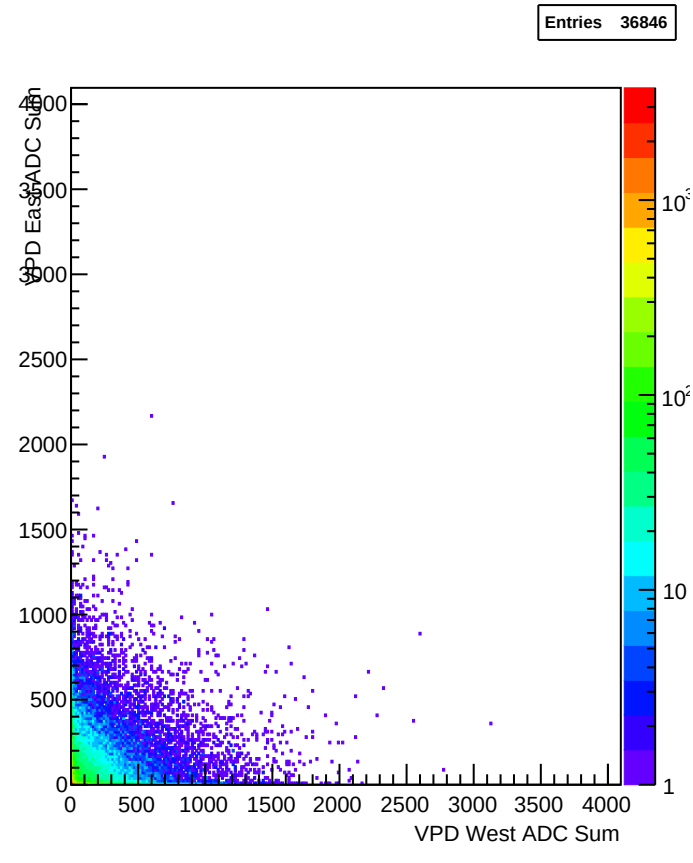

Entries 36846
BBC-S-West ADC Sum
VPD-West ADC Sum

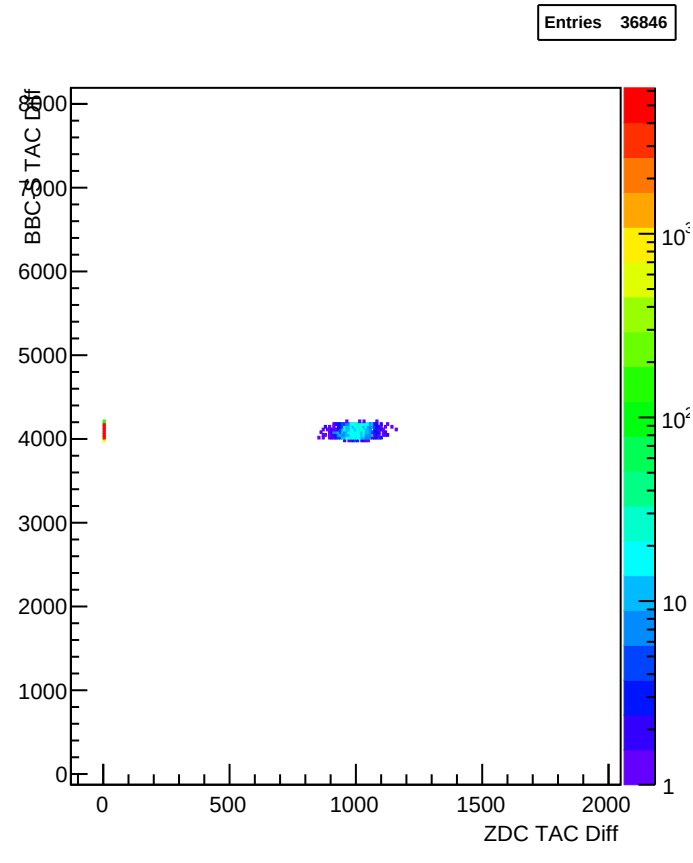

Entries 36846
VPD-East ADC Sum
ZDC-East ADC Sum Att

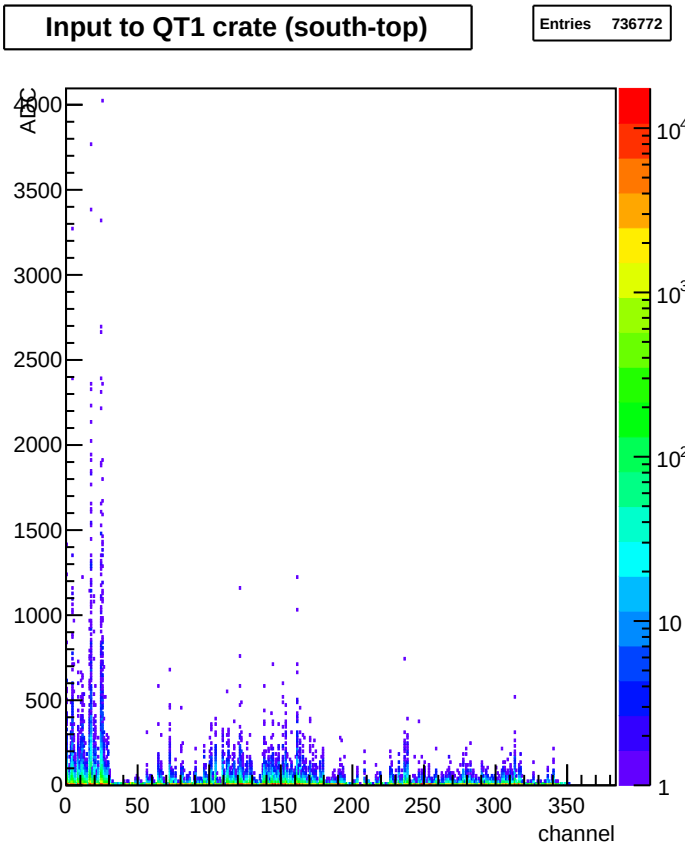

Entries 36846
VPD-West ADC Sum
ZDC-West ADC Sum Att

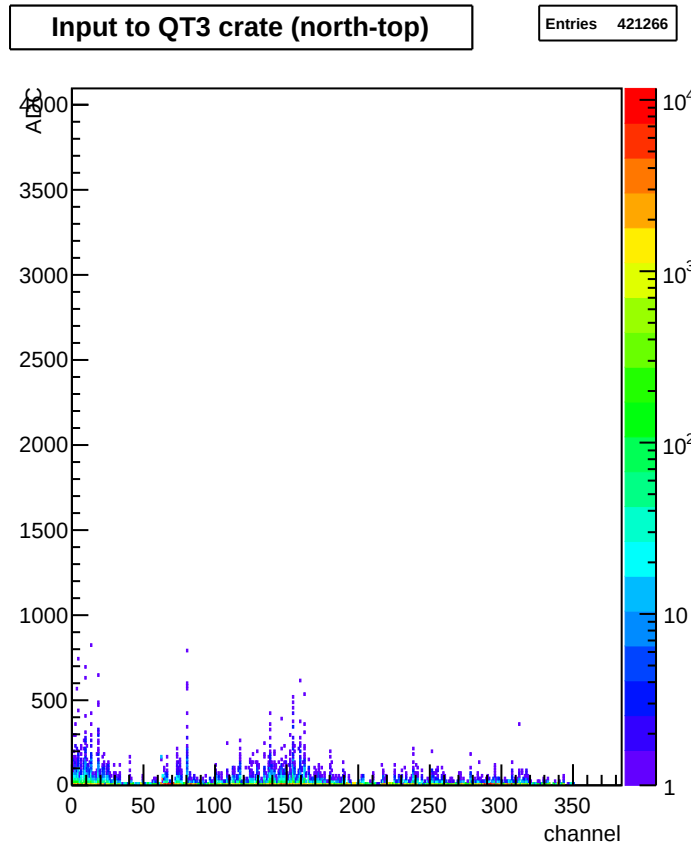

Entries 36846
BBC-S-East ADC Sum
BBC-S-West ADC Sum

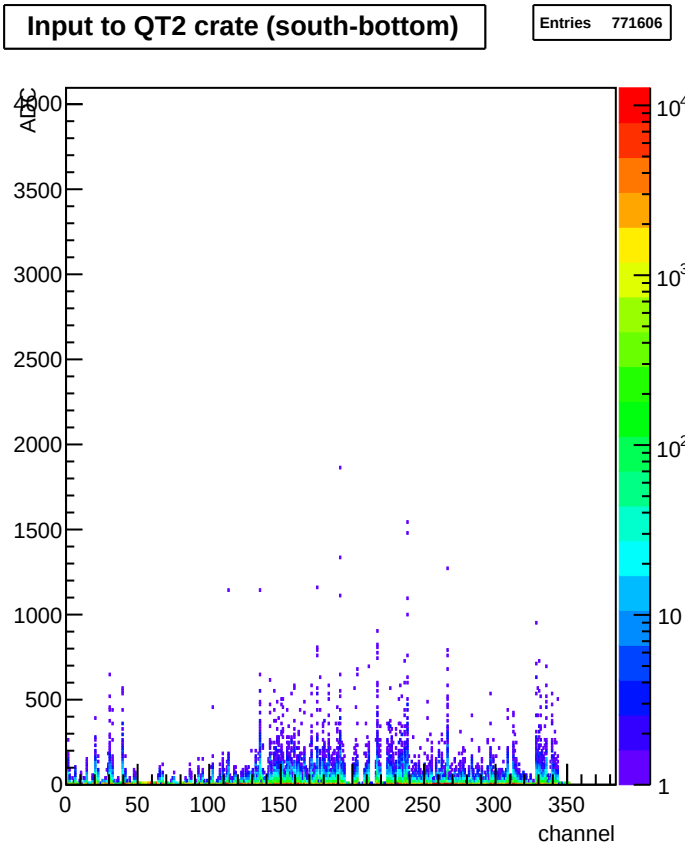

Entries 36846
ZDC East ADC Sum Att
ZDC West ADC Sum Att

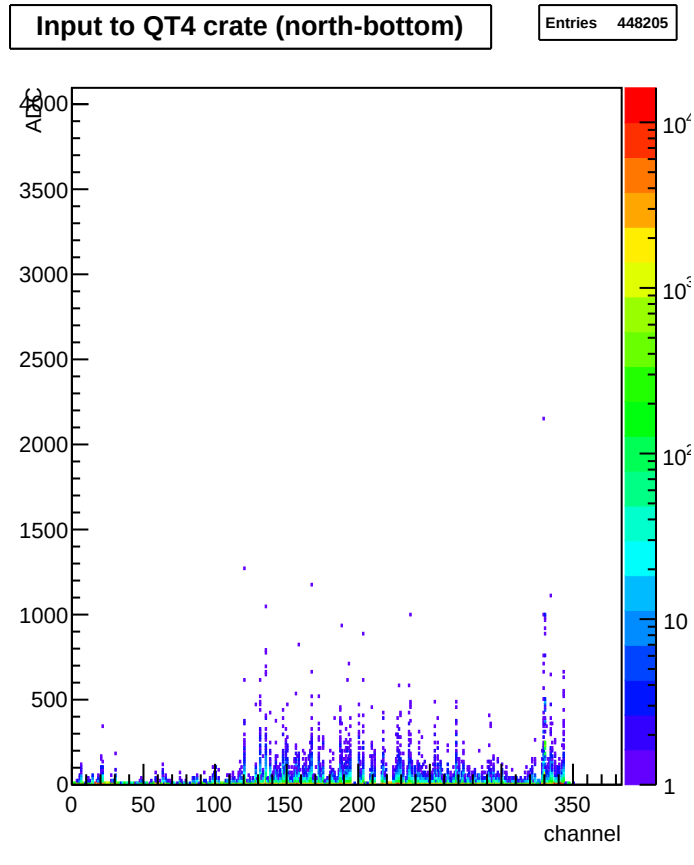

Entries 36846
VPD East ADC Sum
VPD West ADC Sum

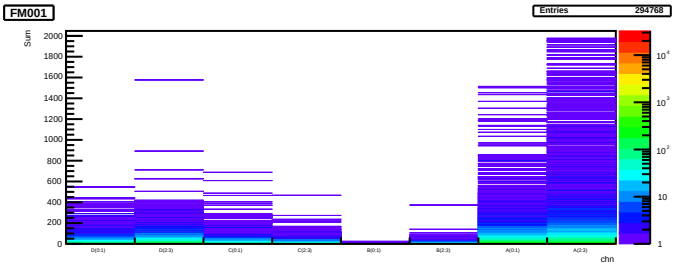

Entries 36846
BBC-S TAC Diff
ZDC TAC Diff

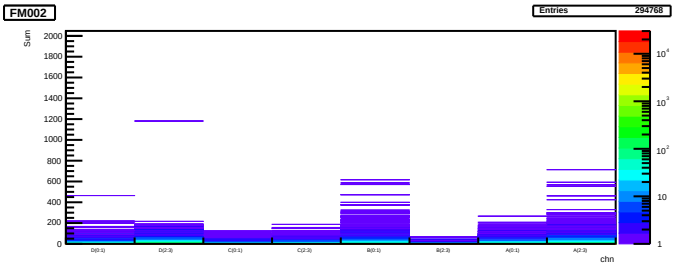

Input to QT1 crate (south-top)
Entries 736772
ADC
channel

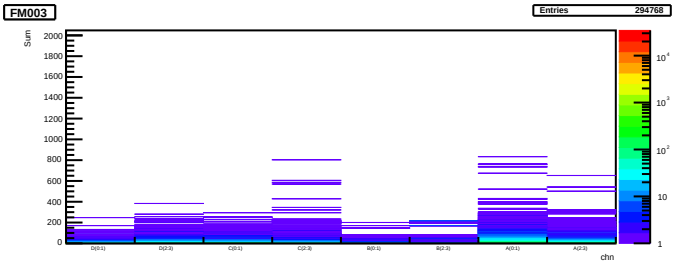

Input to QT3 crate (north-top)
Entries 421266
ADC
channel

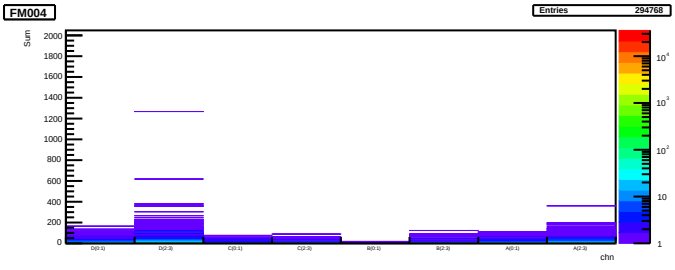

Input to QT2 crate (south-bottom)
Entries 771606
ADC
channel

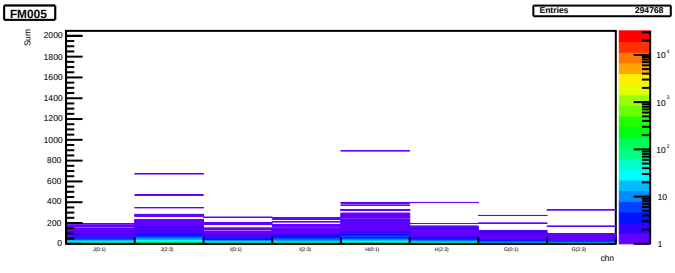

Input to QT4 crate (north-bottom)
Entries 448205
ADC
channel

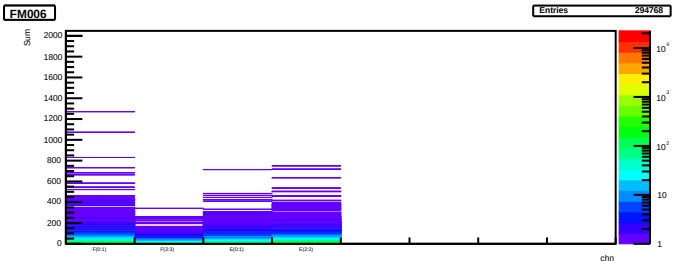

FM001
Entries 294768
Sum
chn

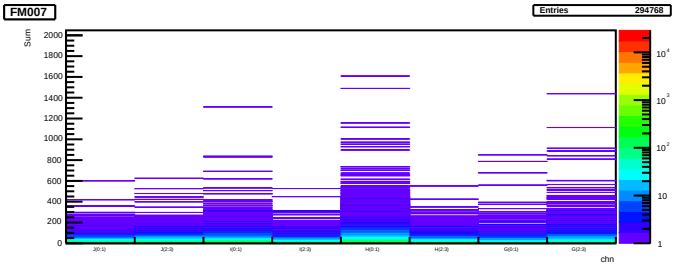

FM002
Entries 294768
Sum
chn

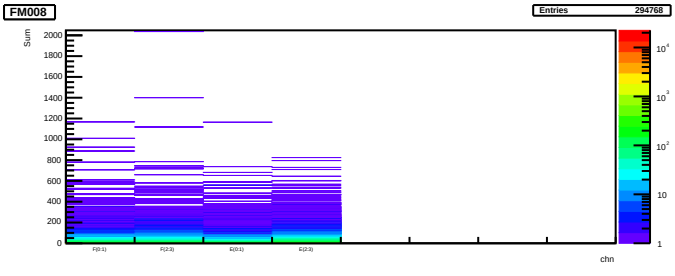

FM003
Entries 294768
Sum
chn

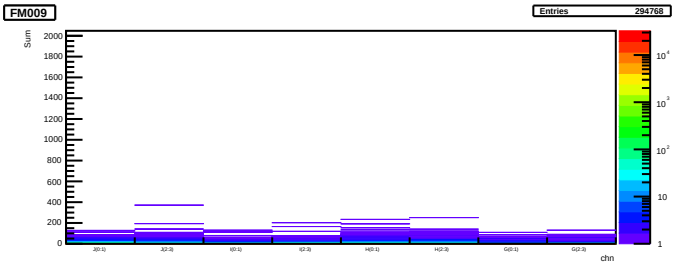

FM004
Entries 294768
Sum
chn

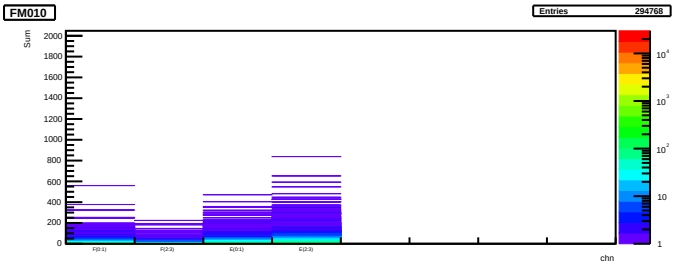

FM005
Entries 294768
Sum
chn

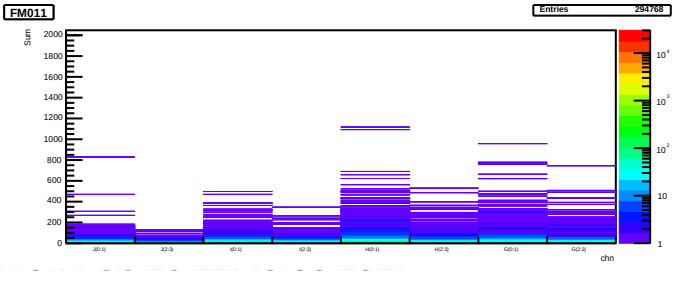

FM006
Entries 294768
Sum
chn

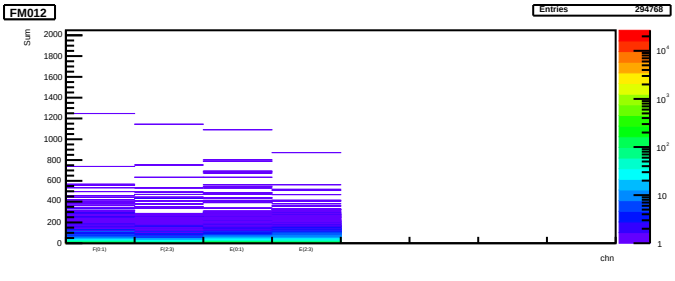

FM007
Entries 294768
Sum
chn

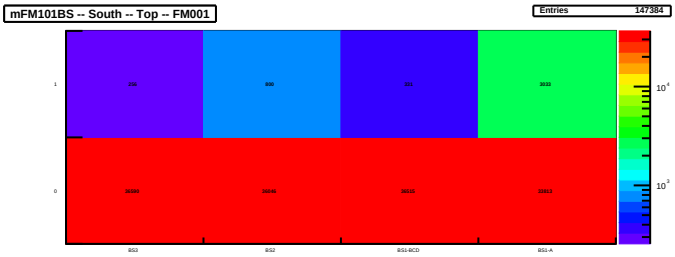

FM008
Entries 294768
Sum
chn

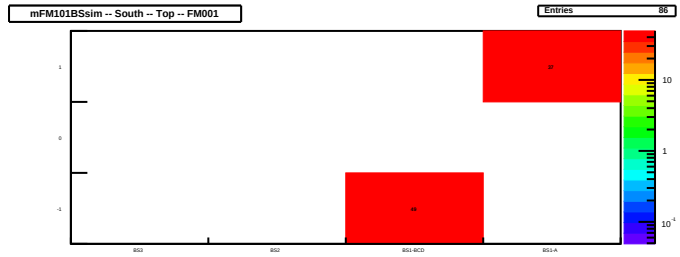

FM009
Entries 294768
Sum
chn

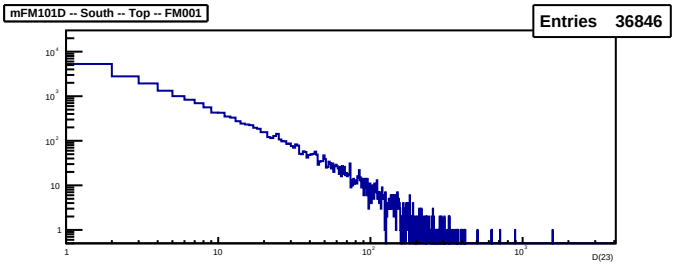

FM010
Entries 294768
Sum
chn

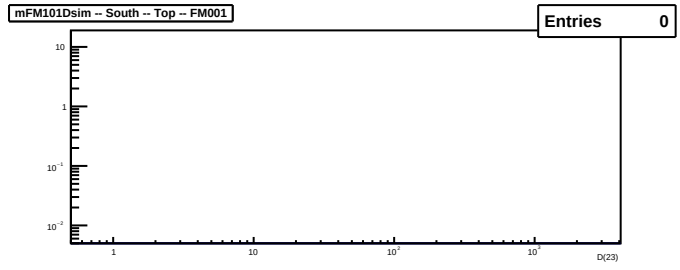

FM011
Entries 294768
Sum
chn


FM012
Entries 294768
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 147384


mFM101BSsim -- South -- Top -- FM001
Entries 86


mFM101D -- South -- Top -- FM001
Entries 36846
D(23)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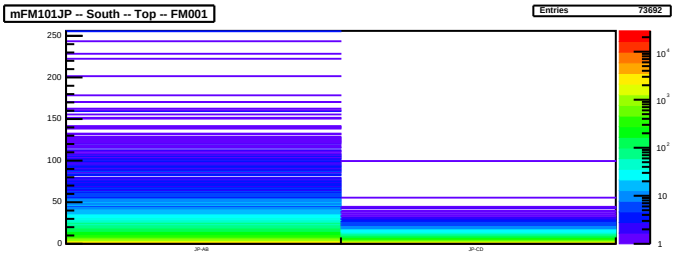
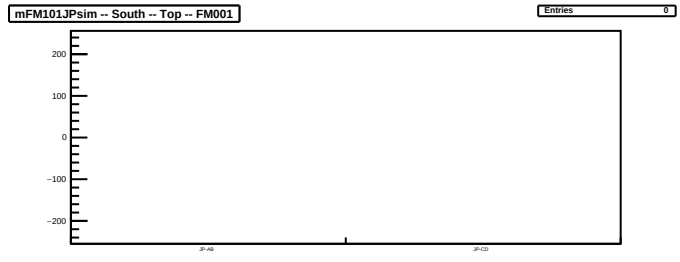
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 73692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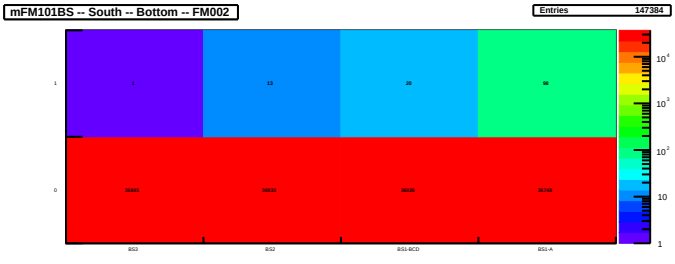
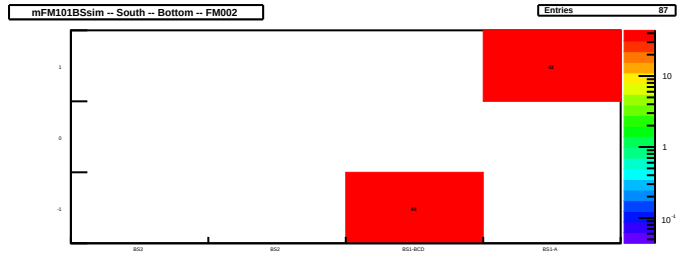
Entries 0


mFM101BS -- South -- Bottom -- FM002
Entries 147384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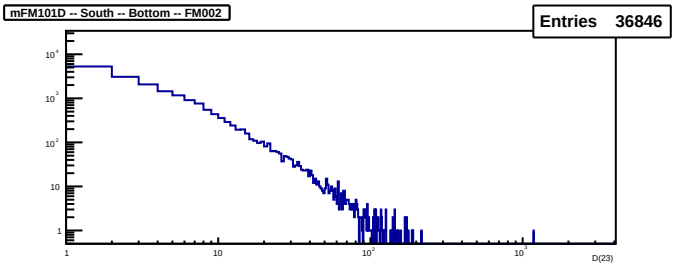
Entries 87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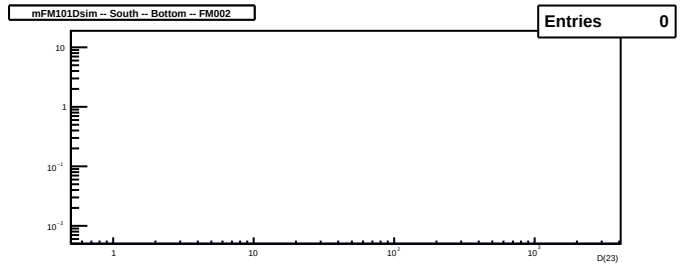
Entries 36846
D(23)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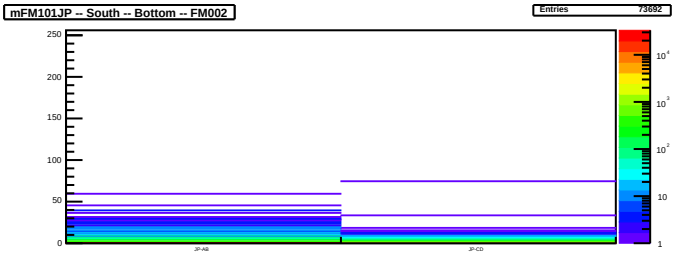
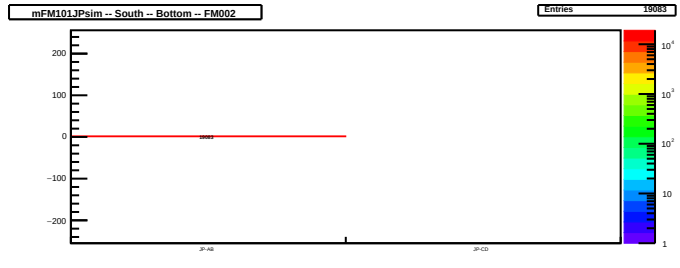
Entries 0
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 73692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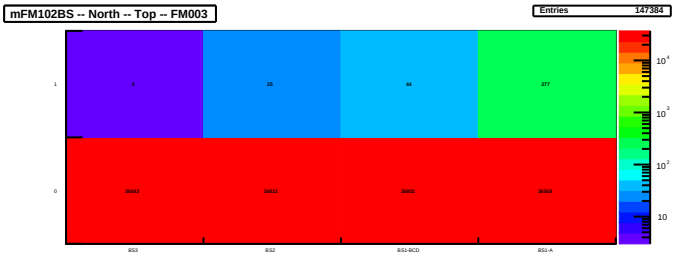
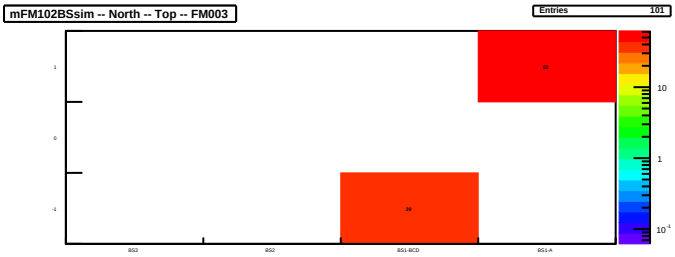
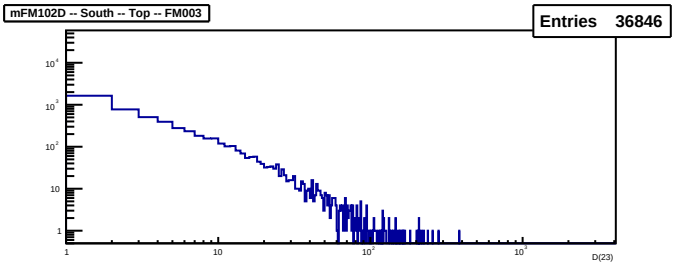
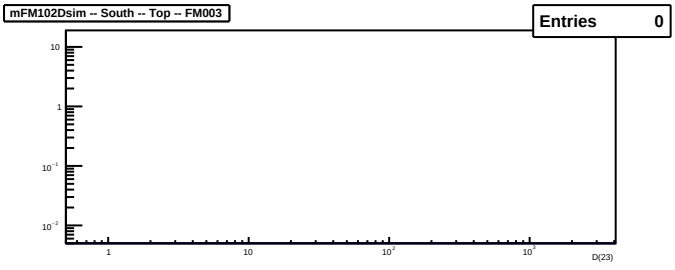
Entries 19083


mFM102BS -- North -- Top -- FM003
Entries 147384


mFM102BSsim -- North -- Top -- FM003
Entries 101


mFM102D -- South -- Top -- FM003
Entries 36846
D(23)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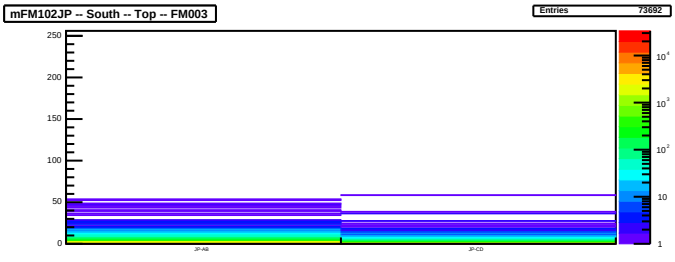
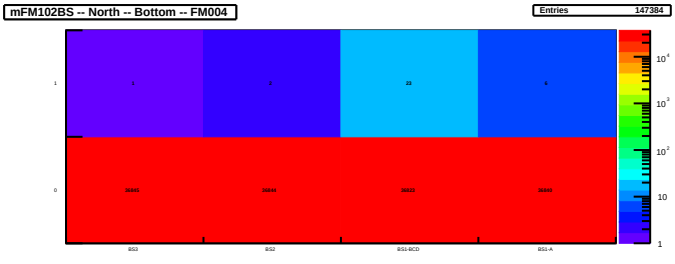
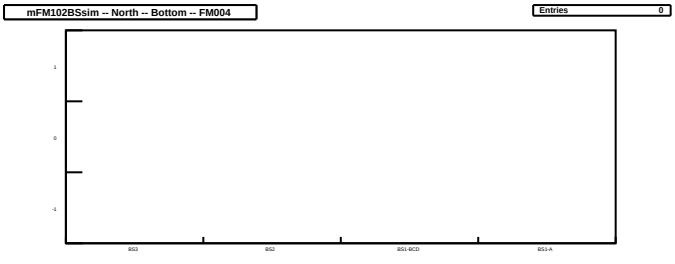
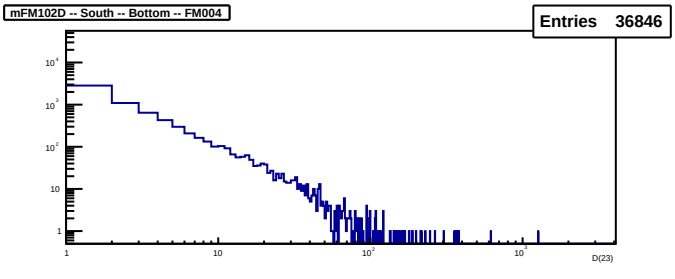
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 73692

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


mFM102BS -- North -- Bottom -- FM004
Entries 147384


mFM102BSsim -- North -- Bottom -- FM004
Entries 0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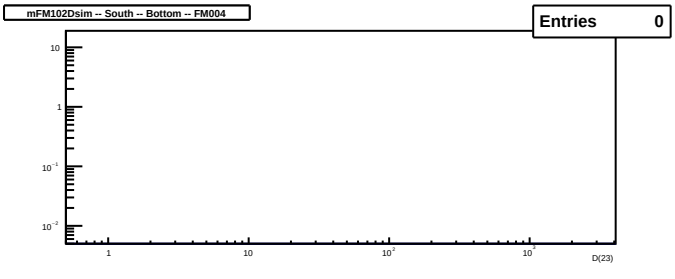
Entries 36846
D(23)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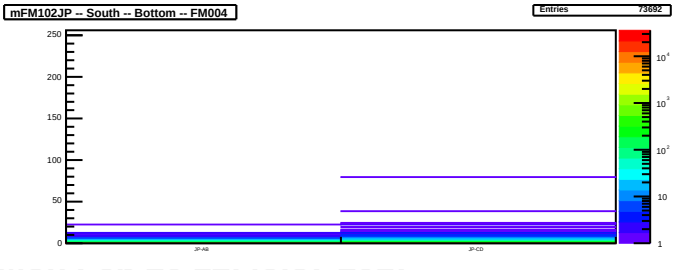
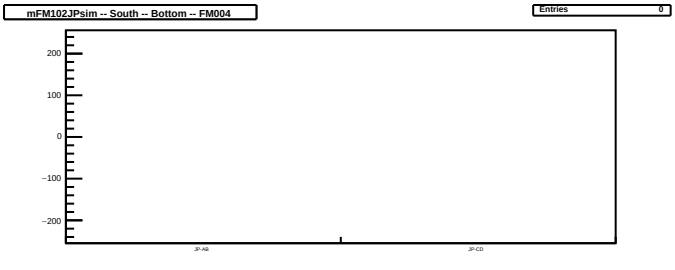
Entries 0
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 73692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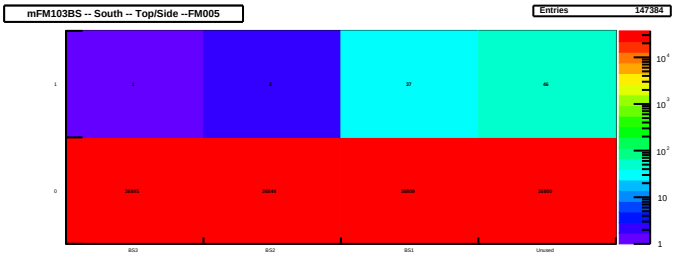
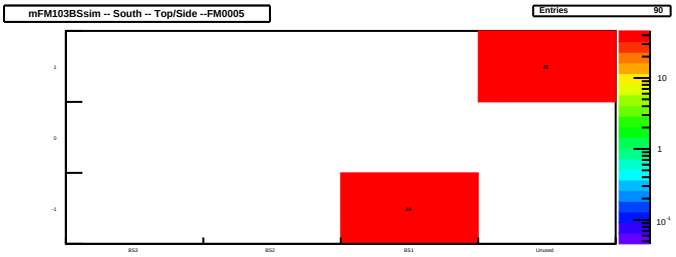
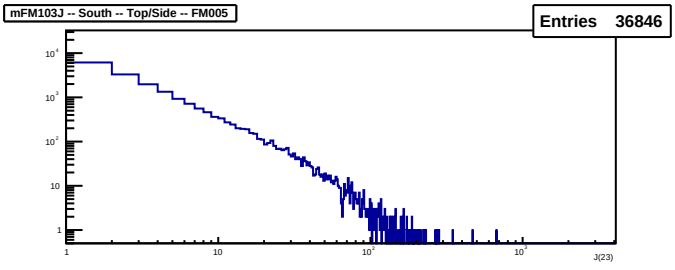
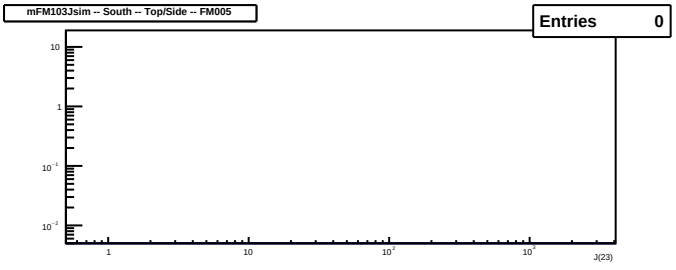
Entries 0


mFM103BS -- South -- Top/Side --FM005
Entries 147384


mFM103BSsim -- South -- Top/Side --FM0005
Entries 90


mFM103J -- South -- Top/Side -- FM005
Entries 36846
J(23)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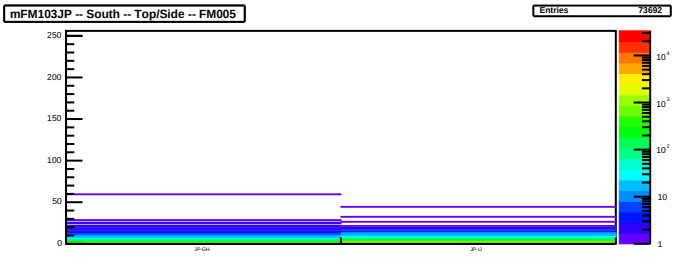
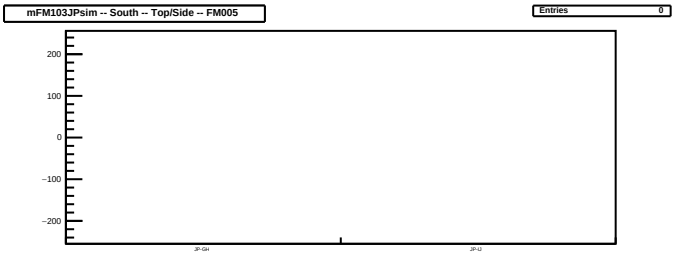
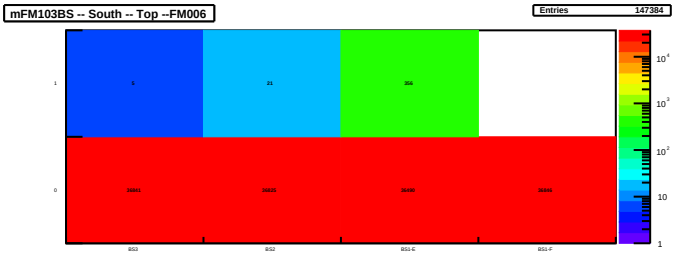
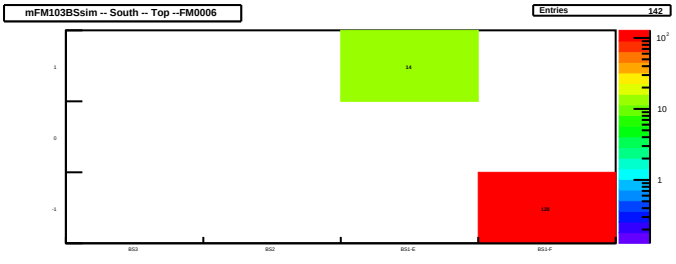
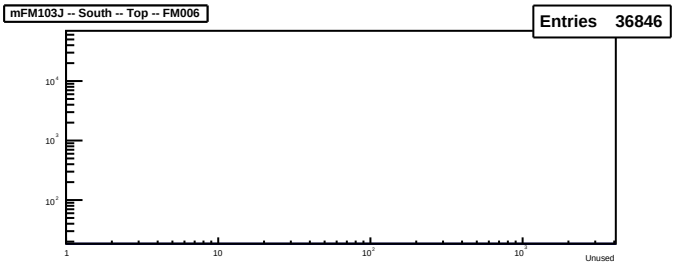
Entries 0
J(23)

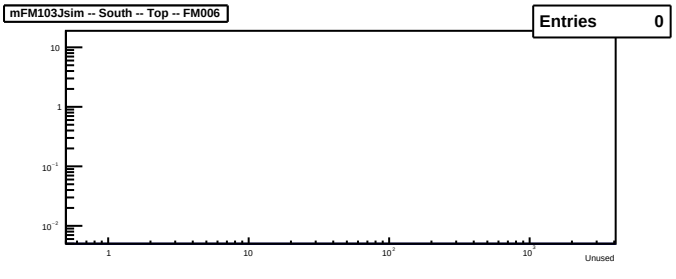

mFM103JP -- South -- Top/Side -- FM005
Entries 73692

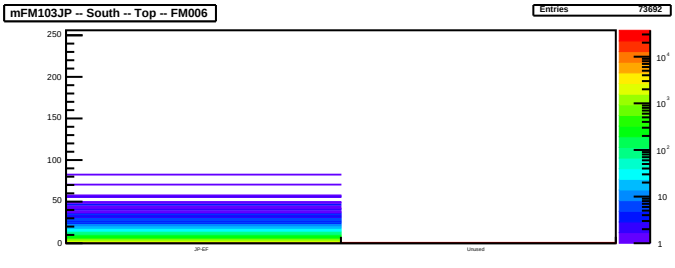

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0

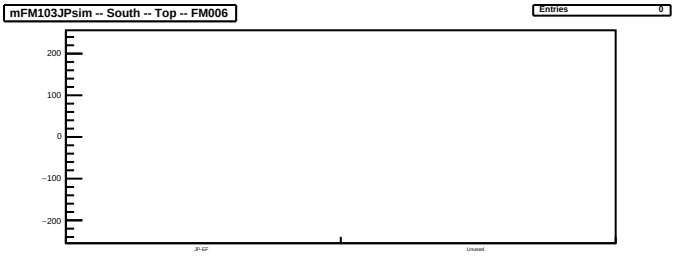

mFM103BS -- South -- Top --FM006
Entries 147384

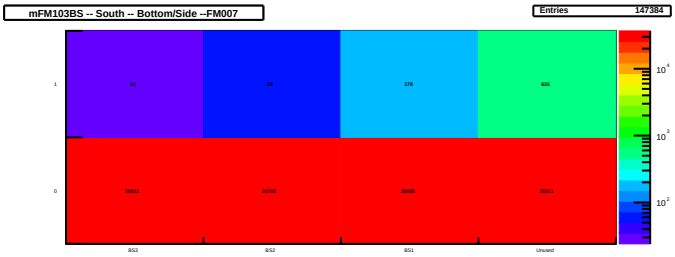

mFM103BSsim -- South -- Top --FM0006
Entries 142

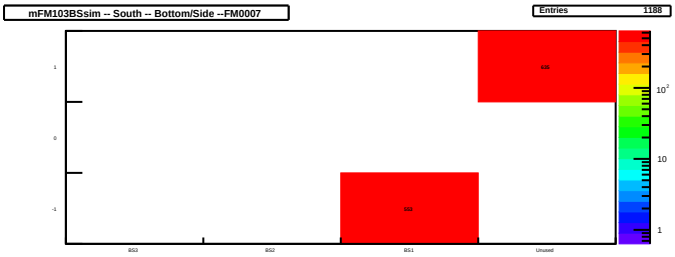

mFM103J -- South -- Top -- FM006
Entries 36846
Unused


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


mFM103JP -- South -- Top -- FM006
Entries 73692


mFM103JPsim -- South -- Top -- FM006
Entries 0


mFM103BS -- South -- Bottom/Side --FM007
Entries 147384
24
54
178
635
36402
36792
36668
36211
BS3
BS2
BS1
Unused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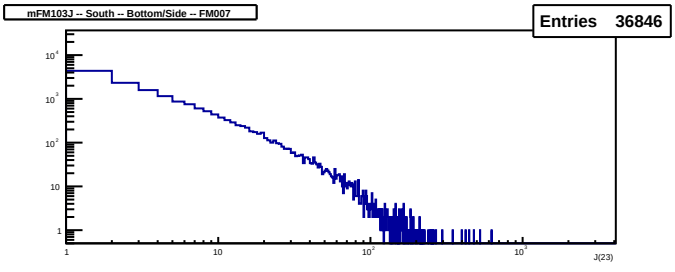
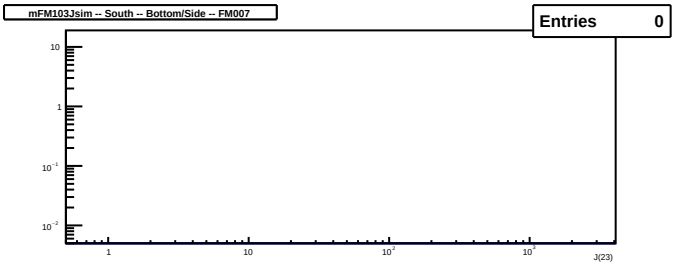
Entries 1188
635
553
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 36846
J(23)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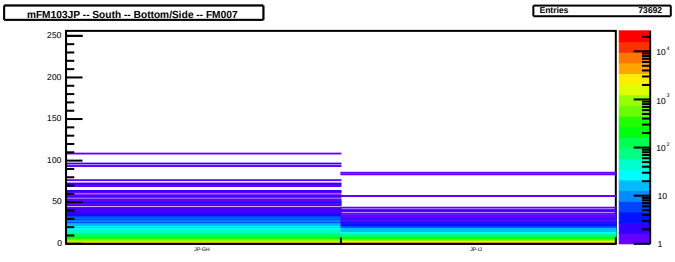
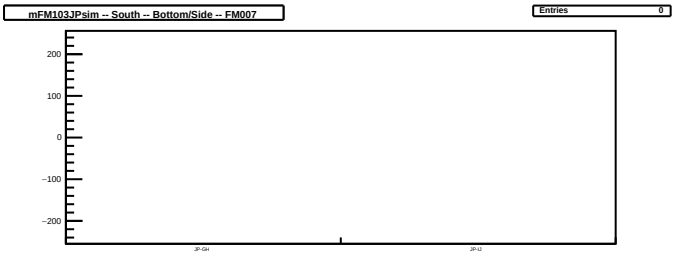
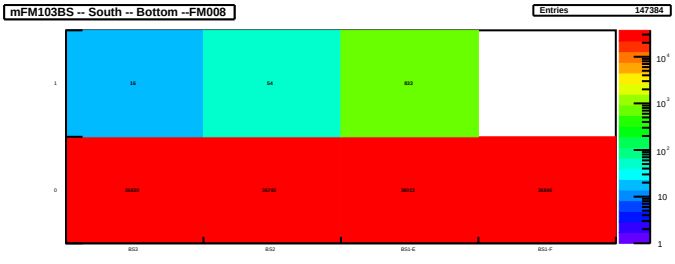
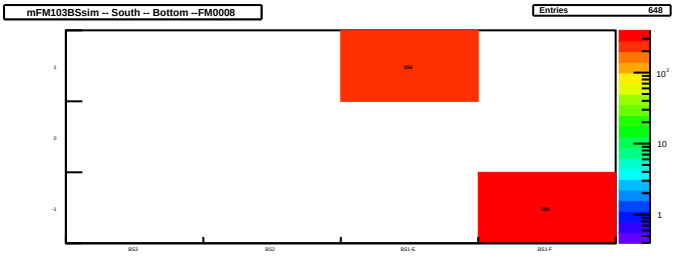
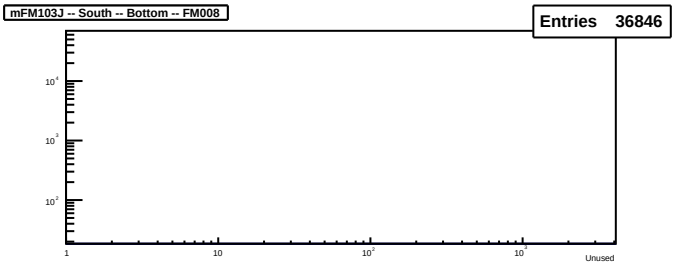
Entries 0
J(23)

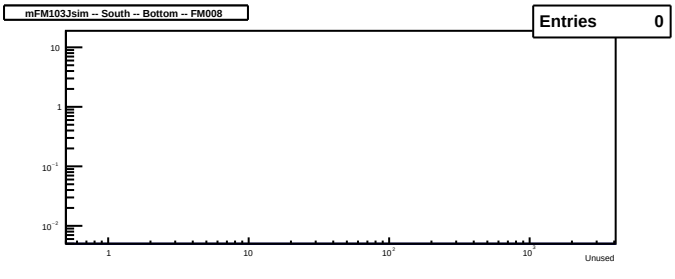

mFM103JP -- South -- Bottom/Side -- FM007
Entries 73692
JP-GH
JP-IJ

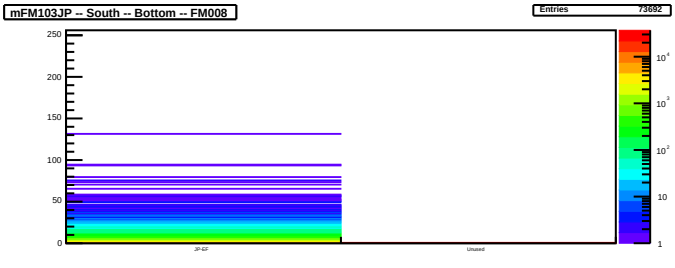

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ

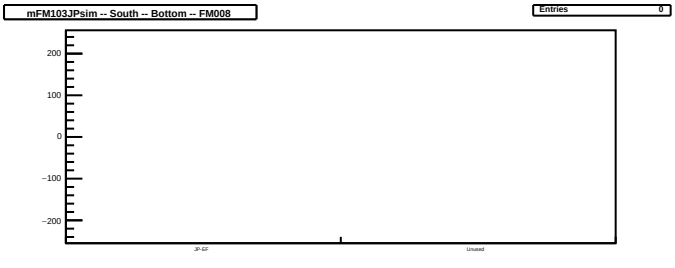

mFM103BS -- South -- Bottom --FM008
Entries 147384
16
54
693
36820
36792
36312
36846
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 648
254
394
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 36846
Unused


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


mFM103JP -- South -- Bottom -- FM008
Entries 73692
JP-EF
Unused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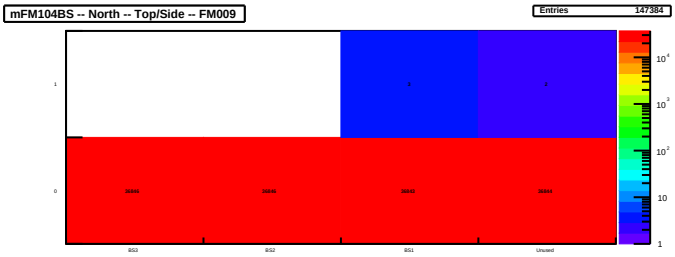
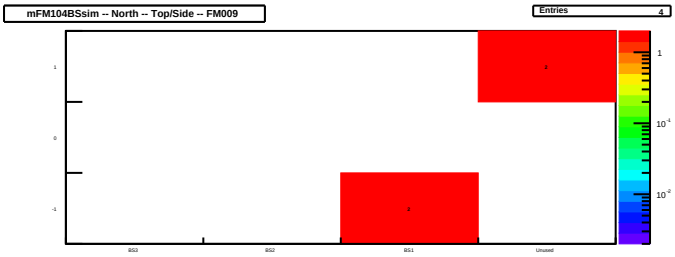
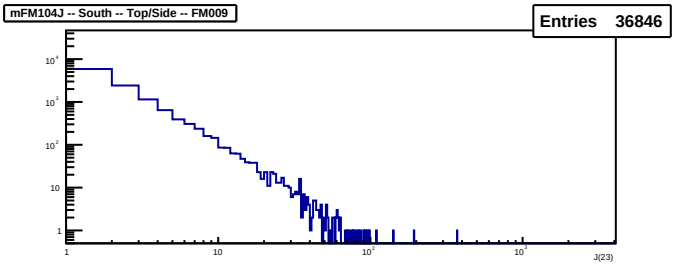
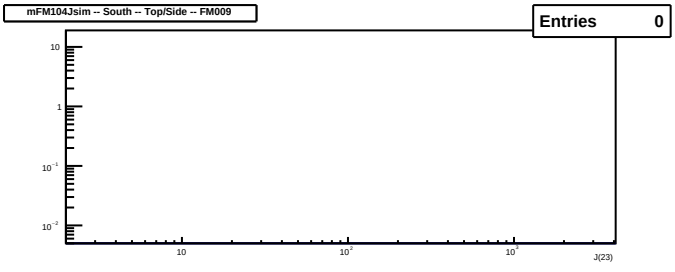
Entries 0
JP-EF
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 147384


mFM104BSsim -- North -- Top/Side -- FM009
Entries 4


mFM104J -- South -- Top/Side -- FM009
Entries 36846
J(23)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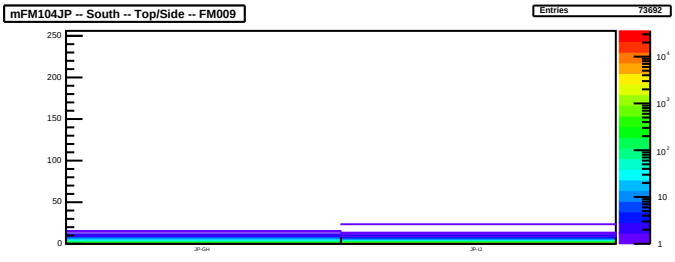
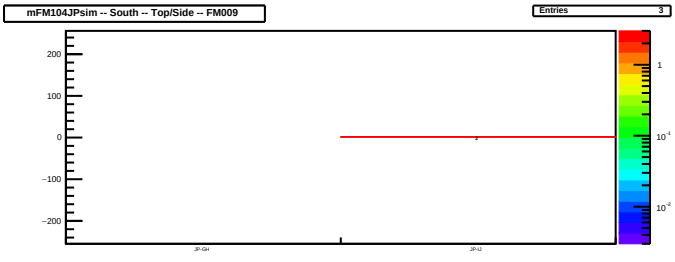
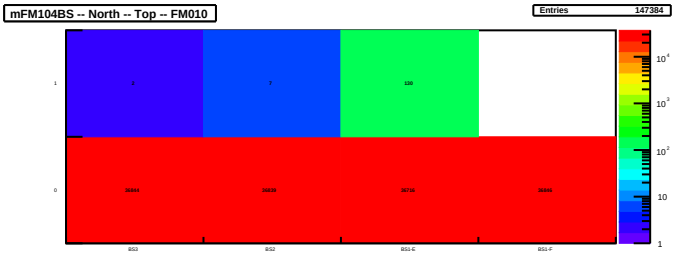
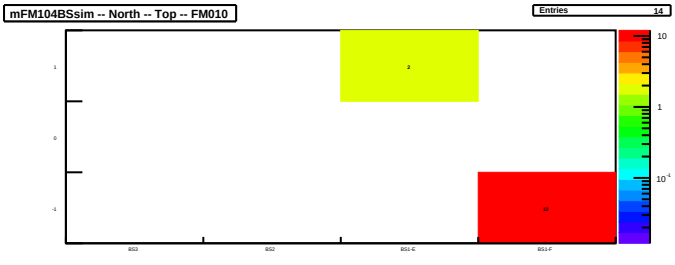
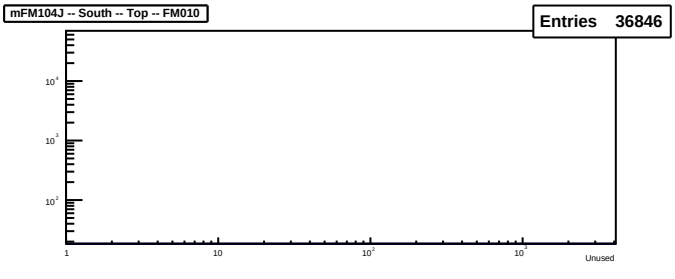
Entries 0
J(23)

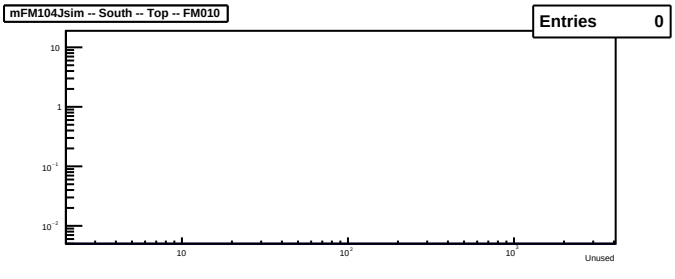

mFM104JP -- South -- Top/Side -- FM009
Entries 73692

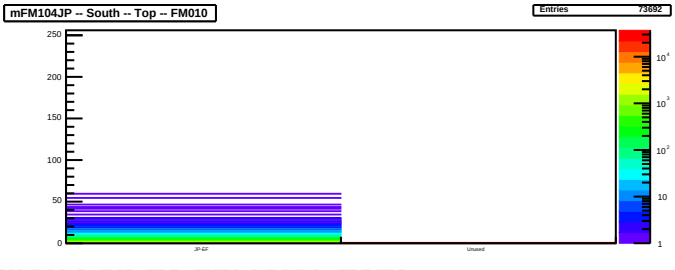

mFM104JPsim -- South -- Top/Side -- FM009
Entries 3

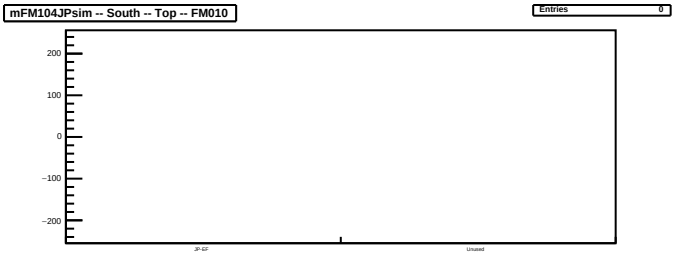

mFM104BS -- North -- Top -- FM010
Entries 147384

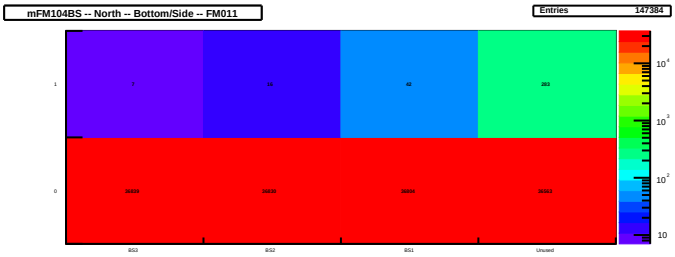

mFM104BSsim -- North -- Top -- FM010
Entries 14

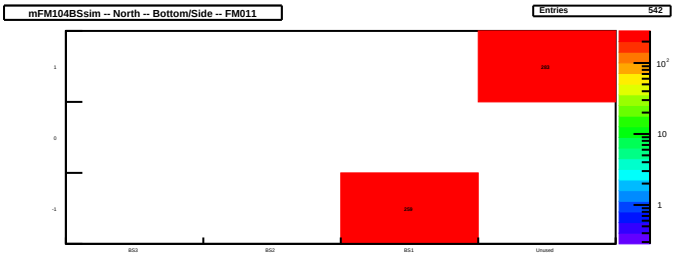

mFM104J -- South -- Top -- FM010
Entries 36846
Unused

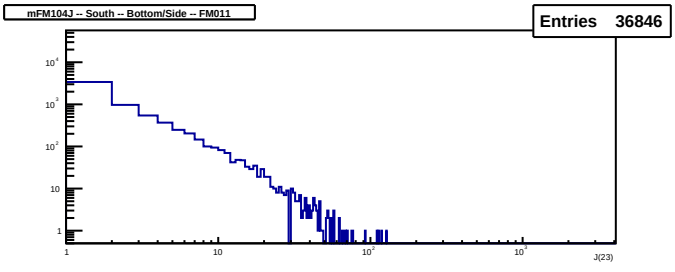

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

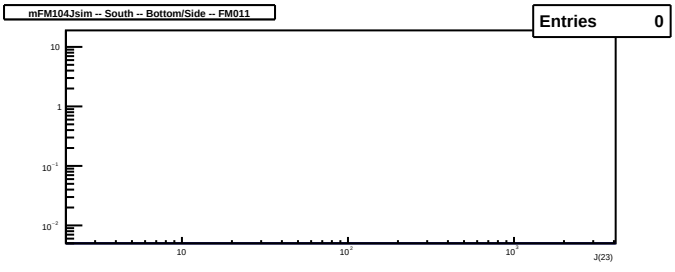

mFM104JP -- South -- Top -- FM010
Entries 73692

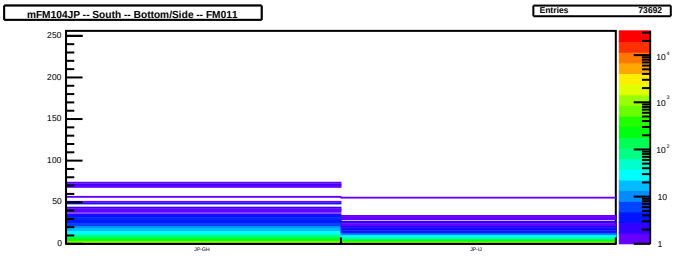

mFM104JPsim -- South -- Top -- FM010
Entries 0

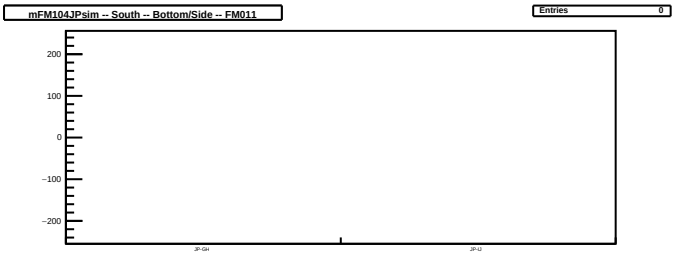

mFM104BS -- North -- Bottom/Side -- FM011
Entries 147384
7
16
42
283
36439
36830
36204
36583
BS3
BS2
BS1
Unused

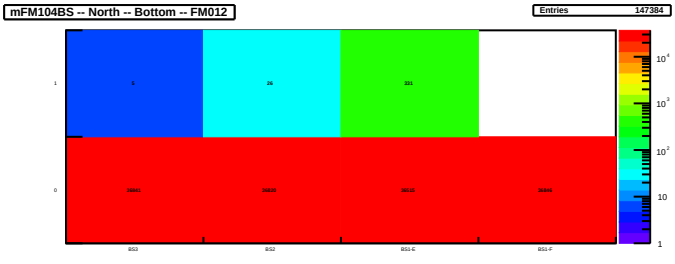

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 542
283
259
BS3
BS2
BS1
Unused

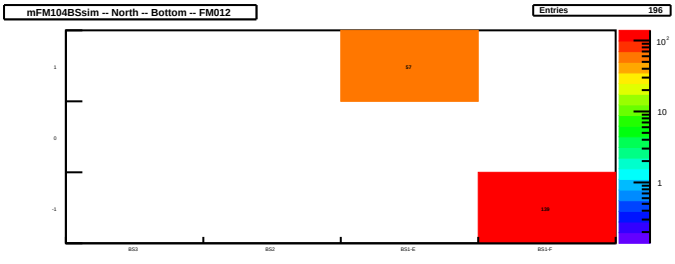

mFM104J -- South -- Bottom/Side -- FM011
Entries 36846
J(23)

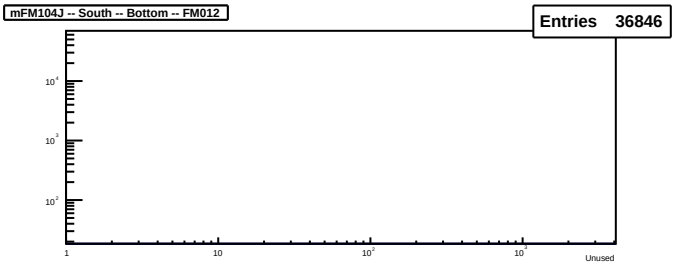

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

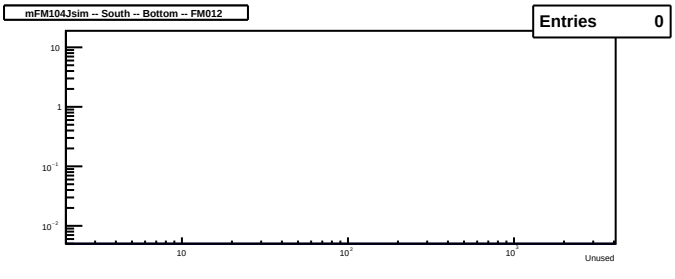

mFM104JP -- South -- Bottom/Side -- FM011
Entries 73692
JP-GH
JP-IJ

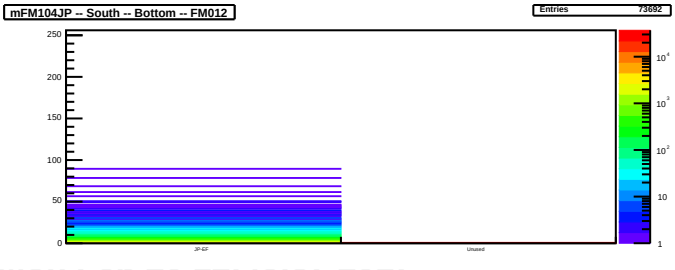

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ

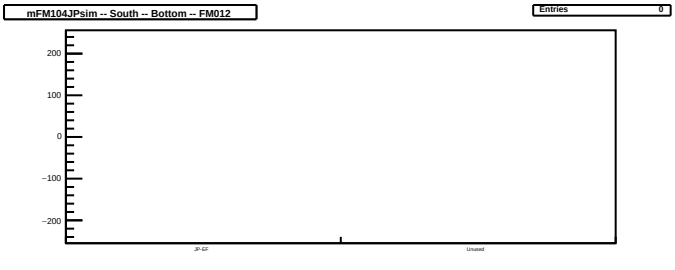

mFM104BS -- North -- Bottom -- FM012
Entries 147384
5
26
331
36841
36820
36515
36846
BS3
BS2
BS1-E
BS1-F

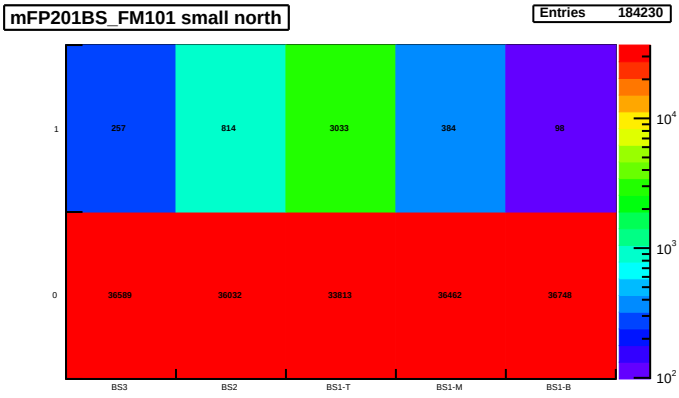

mFM104BSsim -- North -- Bottom -- FM012
Entries 196
57
139
BS3
BS2
BS1-E
BS1-F

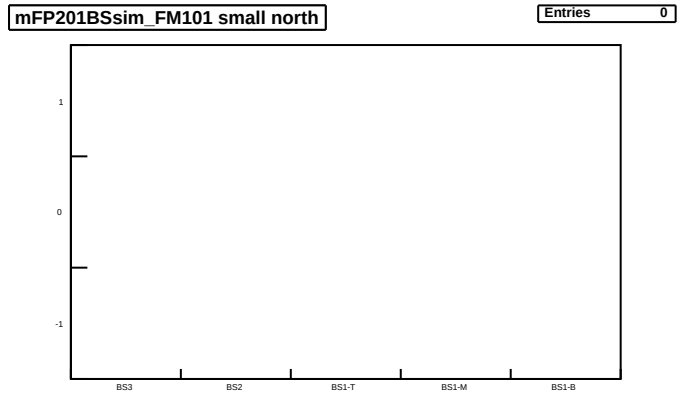

mFM104J -- South -- Bottom -- FM012
Entries 36846
Unused

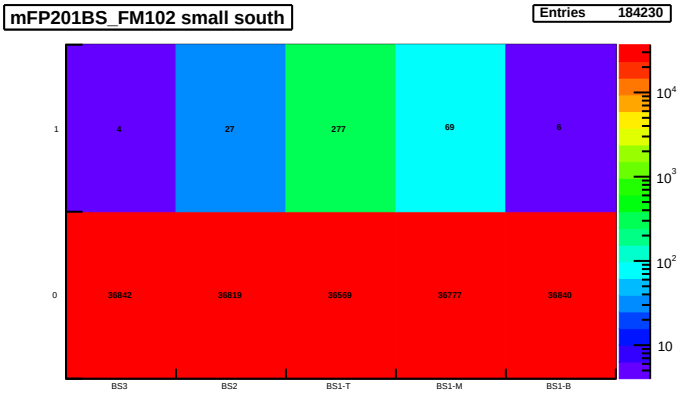

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

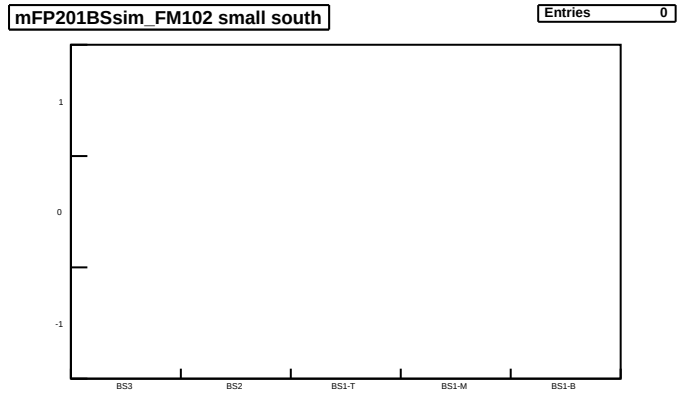

mFM104JP -- South -- Bottom -- FM012
Entries 73692
JP-EF
Unused

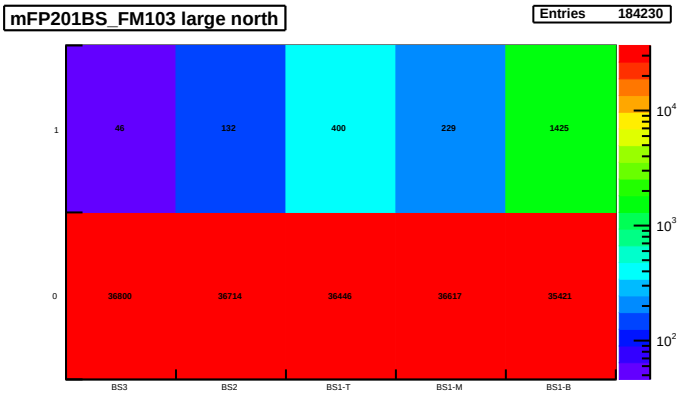

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

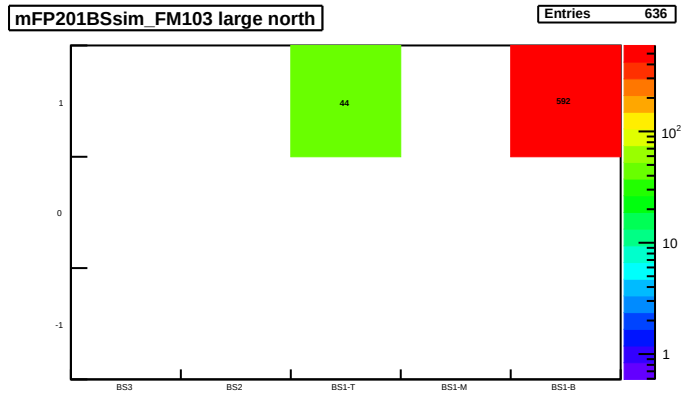

mFP201BS_FM101 small north
Entries 184230
257
814
3033
384
98
36589
36032
33813
36462
36748
BS3
BS2
BS1-T
BS1-M
BS1-B

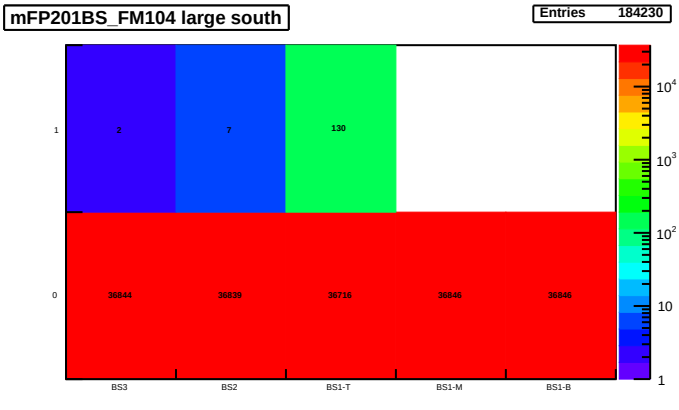

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

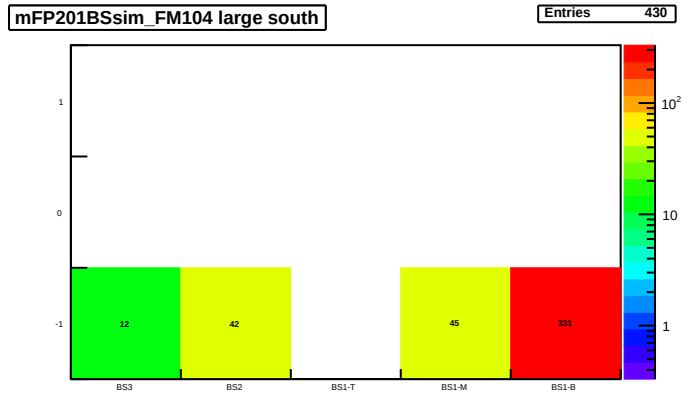

mFP201BS_FM102 small south
Entries 184230
4
27
277
69
6
36842
36819
36569
36777
36840
BS3
BS2
BS1-T
BS1-M
BS1-B

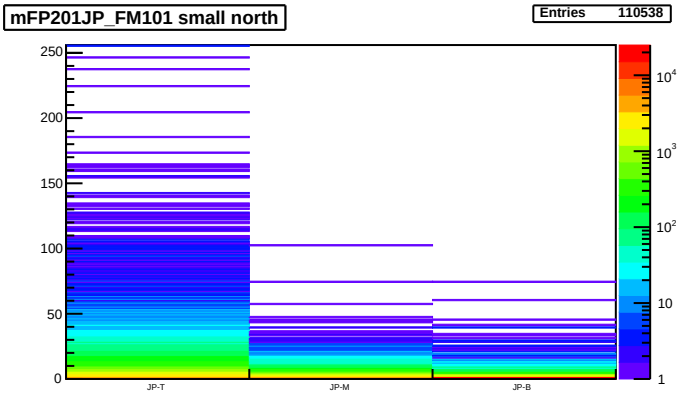

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

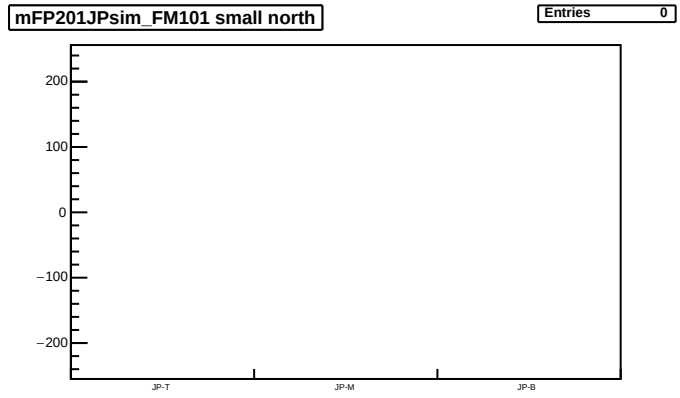

mFP201BS_FM103 large north
Entries 184230
46
132
400
229
1425
36800
36714
36446
36617
35421
BS3
BS2
BS1-T
BS1-M
BS1-B

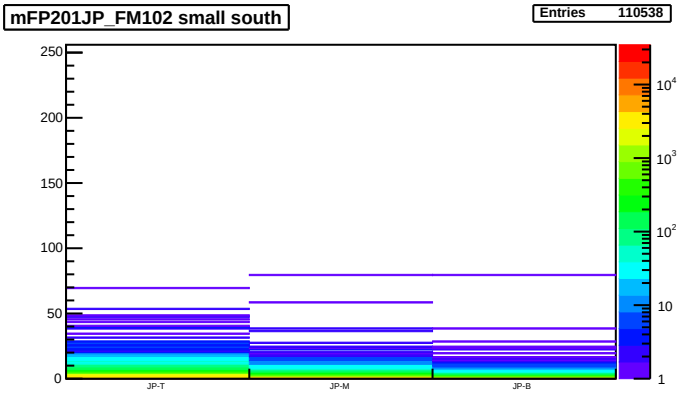

mFP201BSsim_FM103 large north
Entries 636
44
592
BS3
BS2
BS1-T
BS1-M
BS1-B

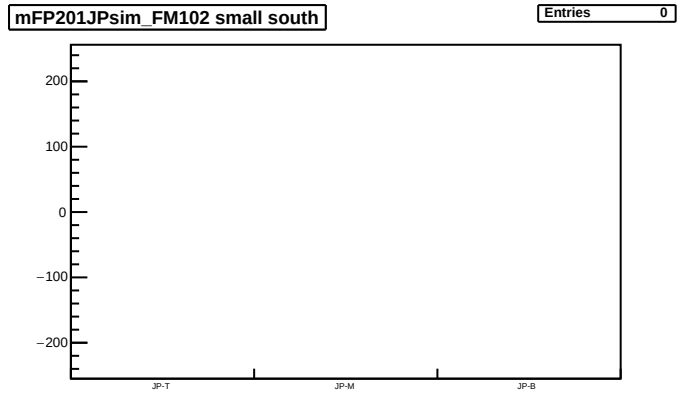

mFP201BS_FM104 large south
Entries 184230
2
7
130
36844
36839
36716
36846
36846
BS3
BS2
BS1-T
BS1-M
BS1-B

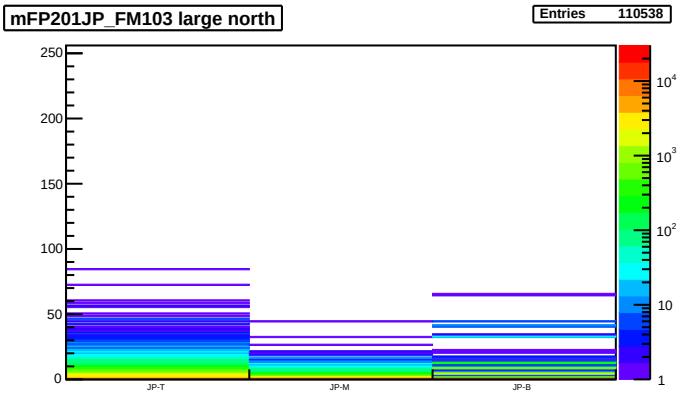

mFP201BSsim_FM104 large south
Entries 430
12
42
45
331
BS3
BS2
BS1-T
BS1-M
BS1-B

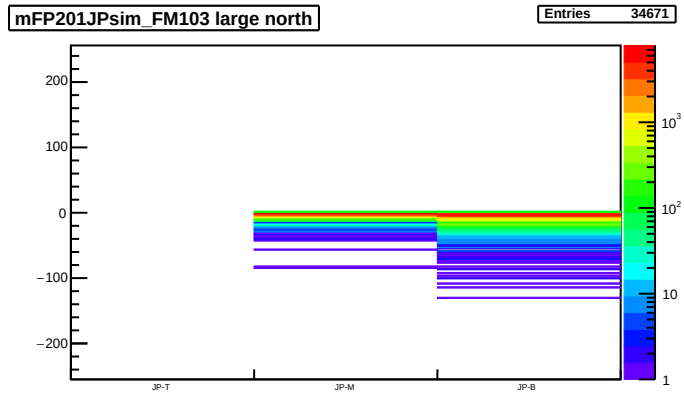

mFP201JP_FM101 small north
Entries 110538
JP-T
JP-M
JP-B

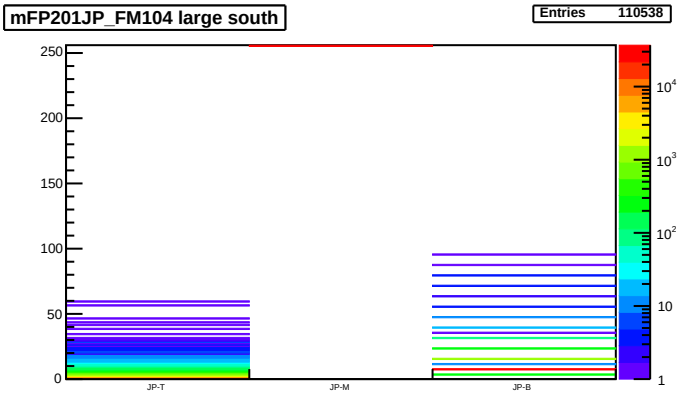

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

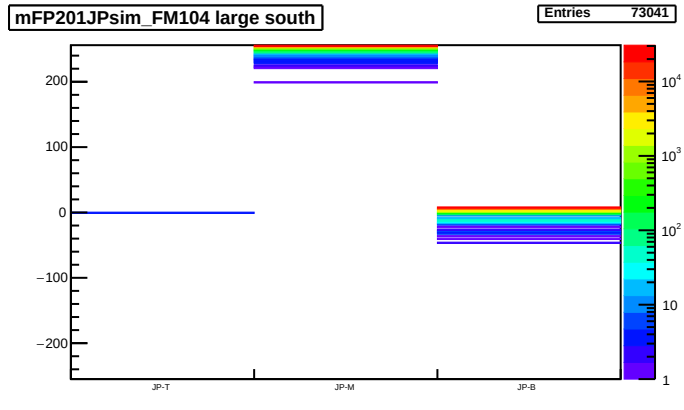

mFP201JP_FM102 small south
Entries 110538
JP-T
JP-M
JP-B

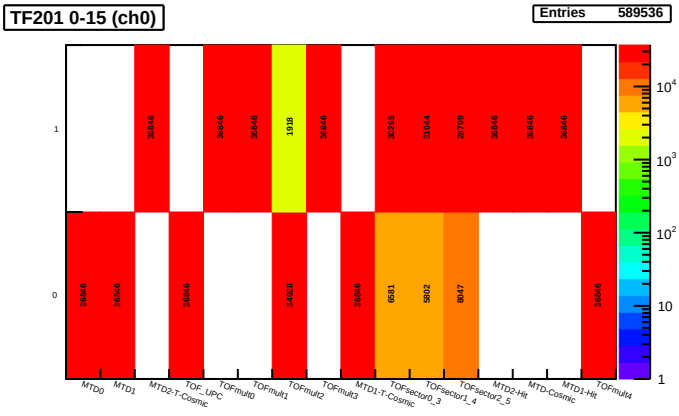

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

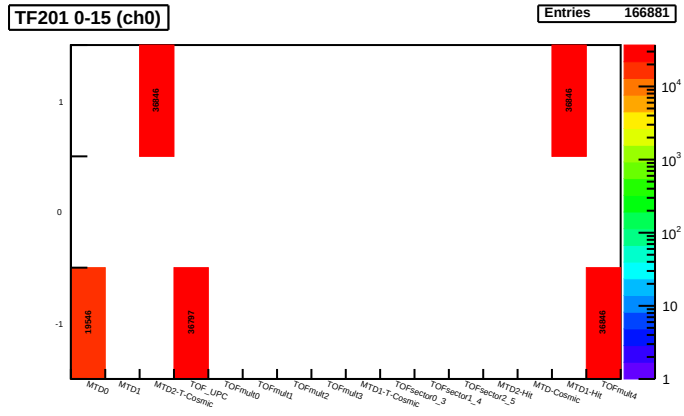

mFP201JP_FM103 large north
Entries 110538
JP-T
JP-M
JP-B

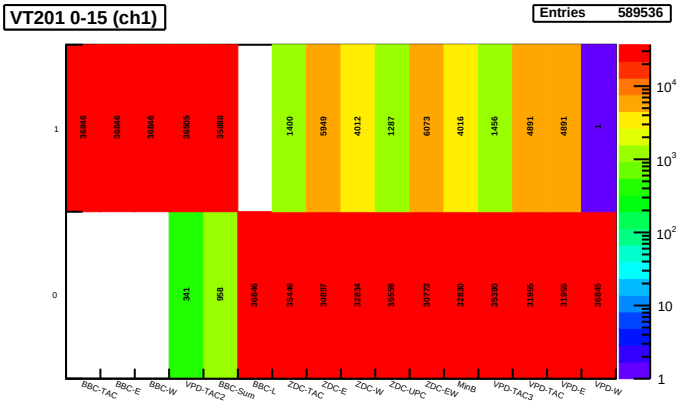

mFP201JPsim_FM103 large north
Entries 34671
JP-T
JP-M
JP-B

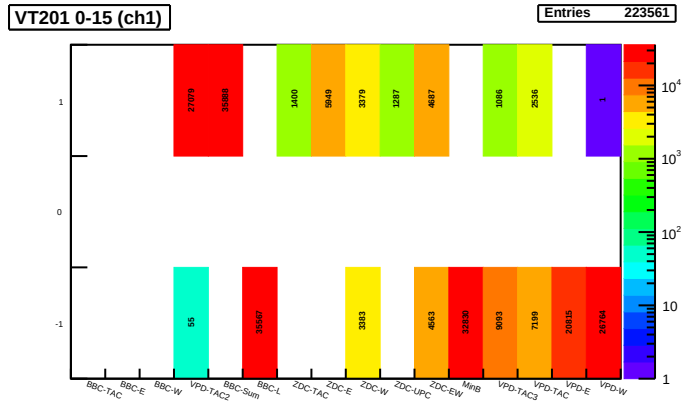

mFP201JP_FM104 large south
Entries 110538
JP-T
JP-M
JP-B

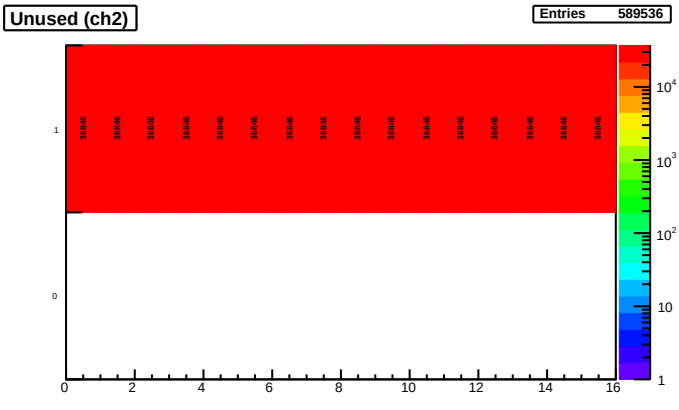

mFP201JPsim_FM104 large south
Entries 73041
JP-T
JP-M
JP-B

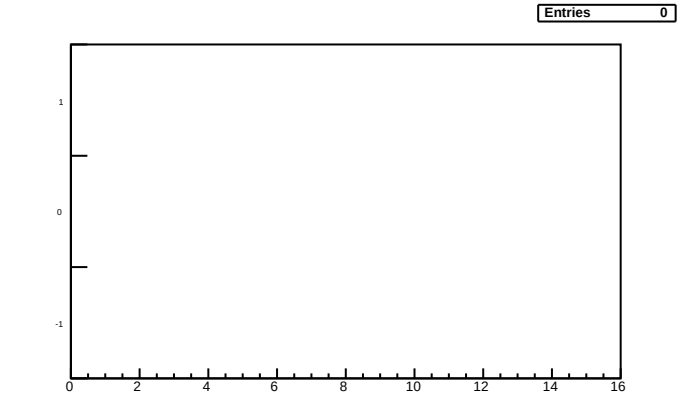

TF201 0-15 (ch0)
Entries 589536
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

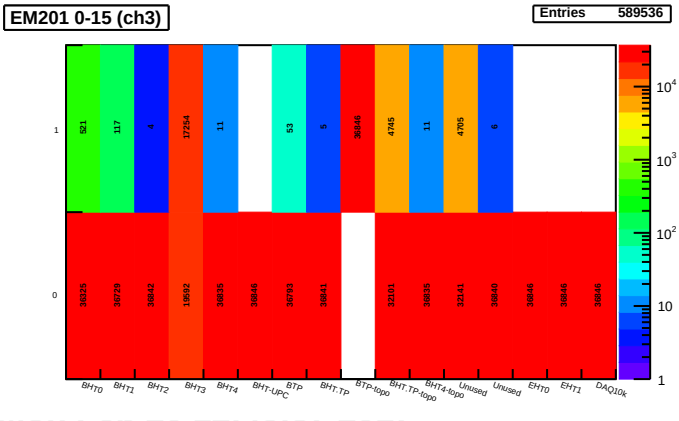

TF201 0-15 (ch0)
Entries 166881
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

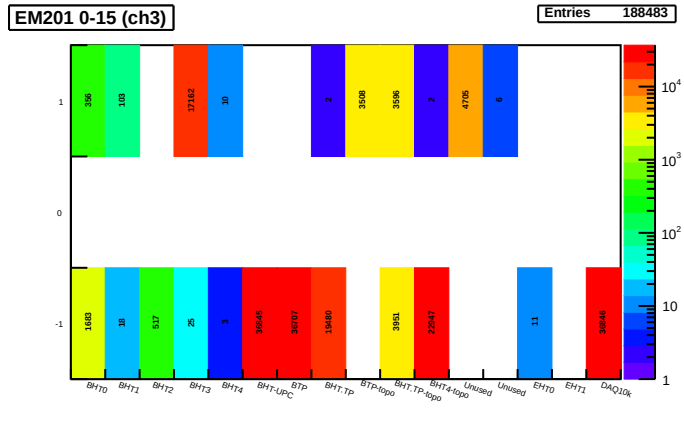

VT201 0-15 (ch1)
Entries 589536
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

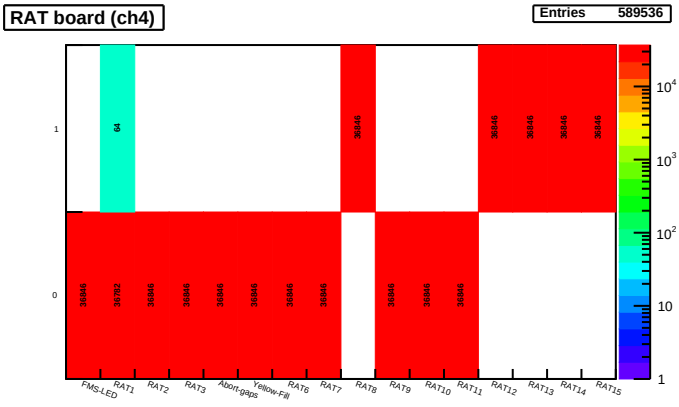

VT201 0-15 (ch1)
Entries 223561
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

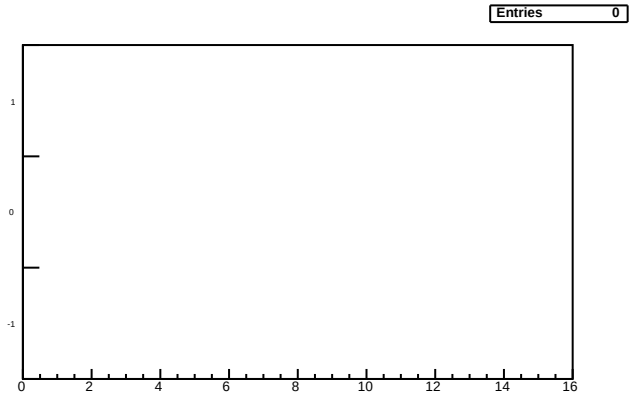

Unused (ch2)
Entries 589536

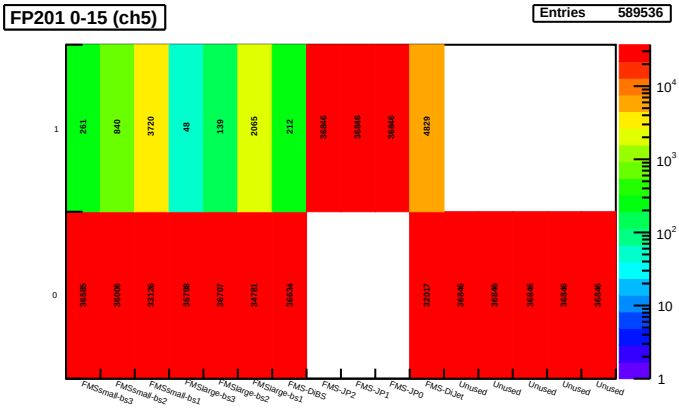

Entries 0

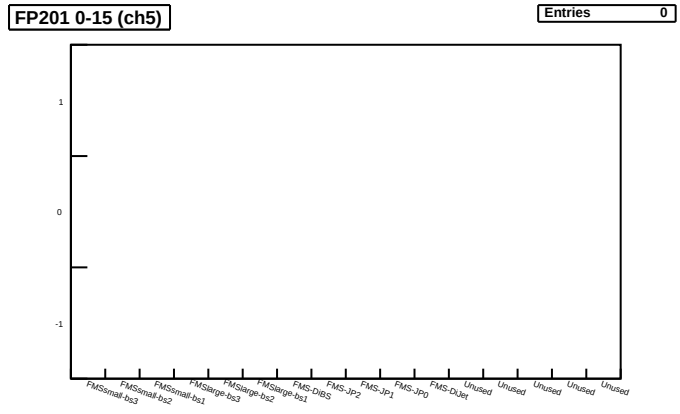

EM201 0-15 (ch3)
Entries 589536
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

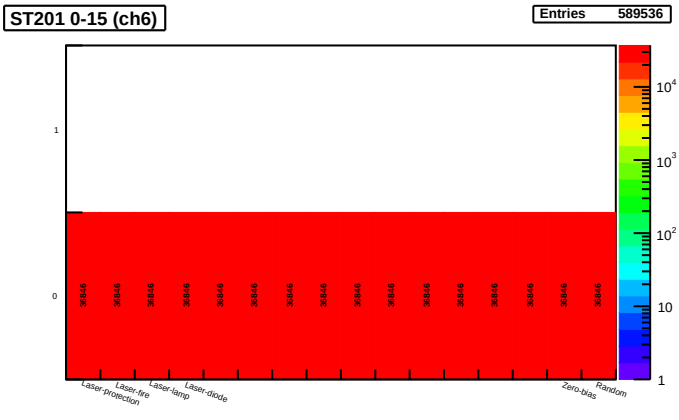

EM201 0-15 (ch3)
Entries 188483
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

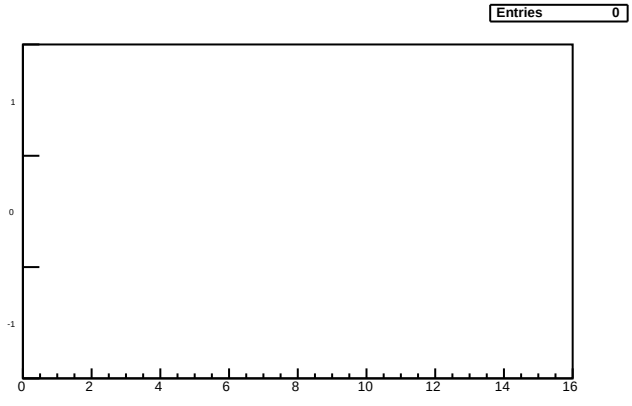

RAT board (ch4)
Entries 589536
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15


Entries 0


FP201 0-15 (ch5)
Entries 589536
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


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


ST201 0-15 (ch6)
Entries 589536
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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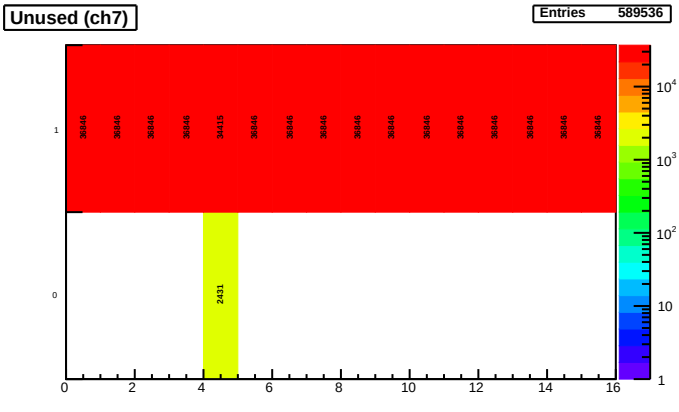
Unused (ch7)
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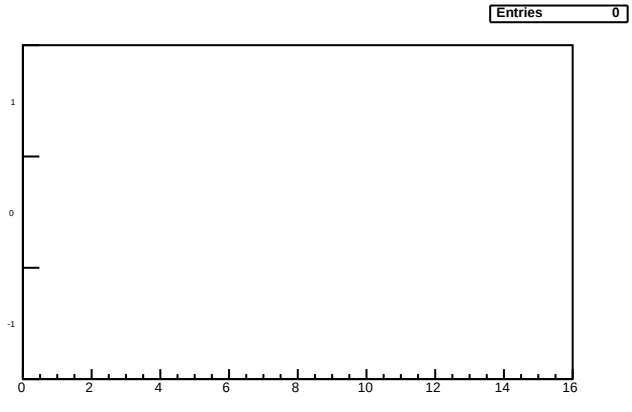
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