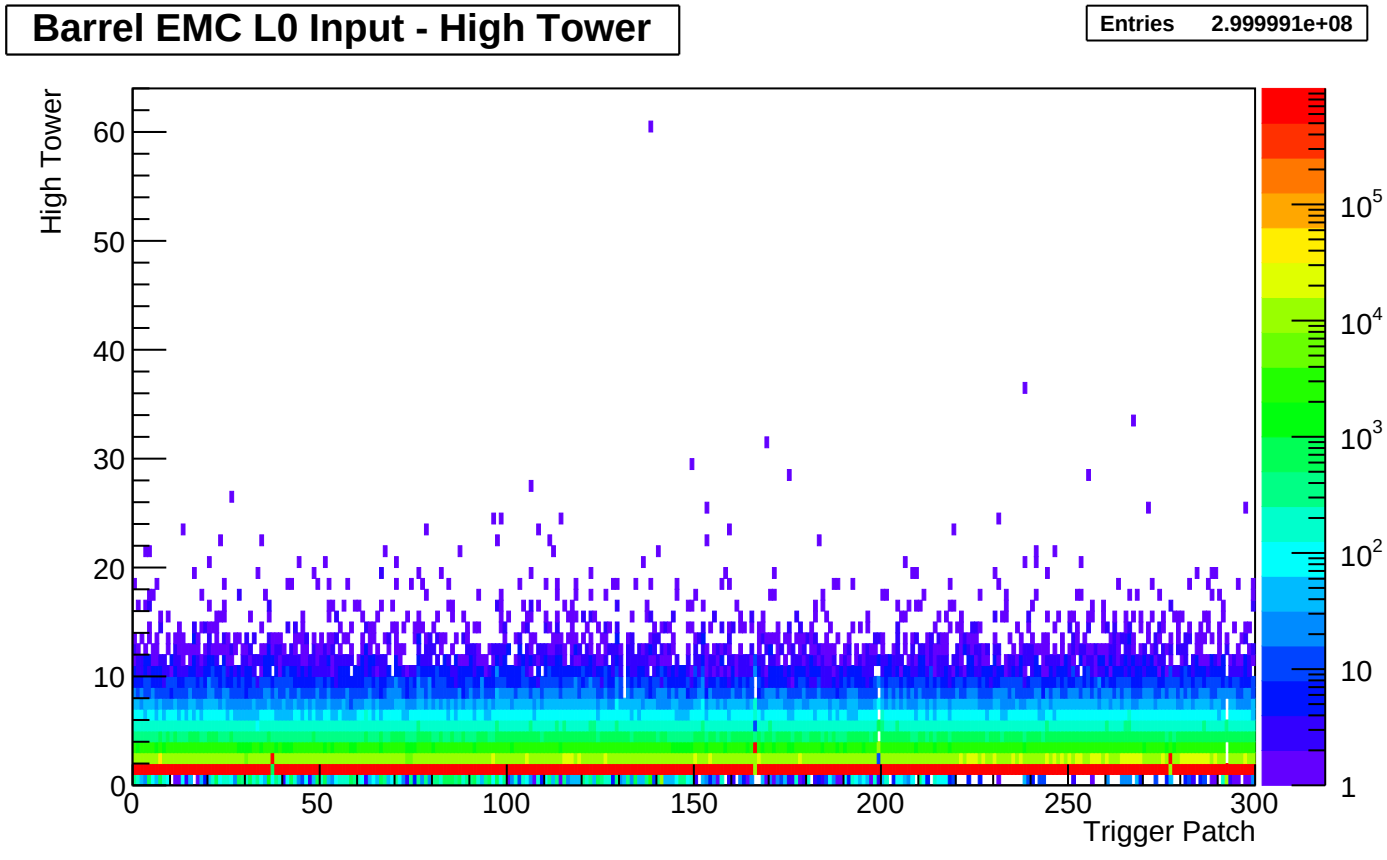
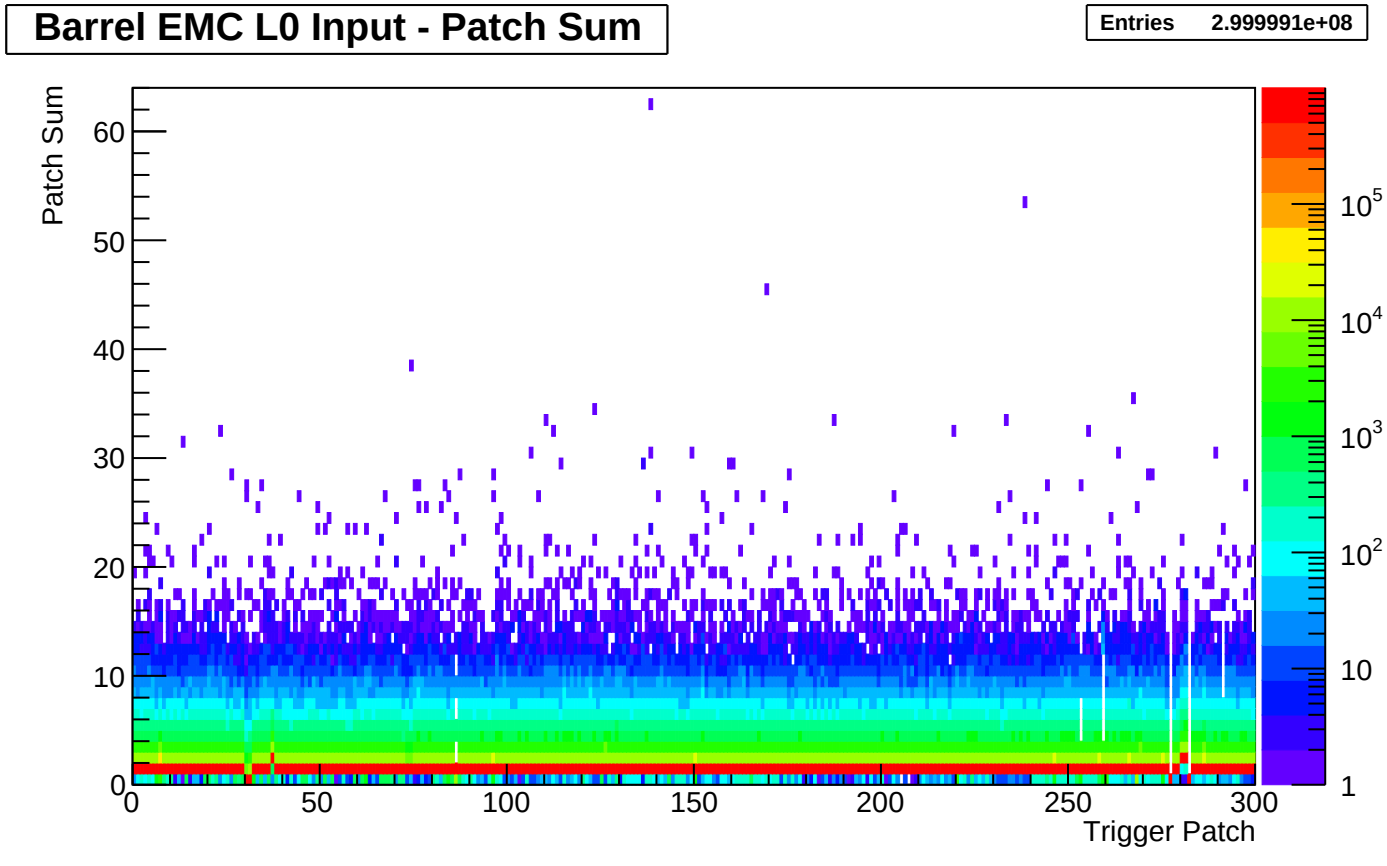
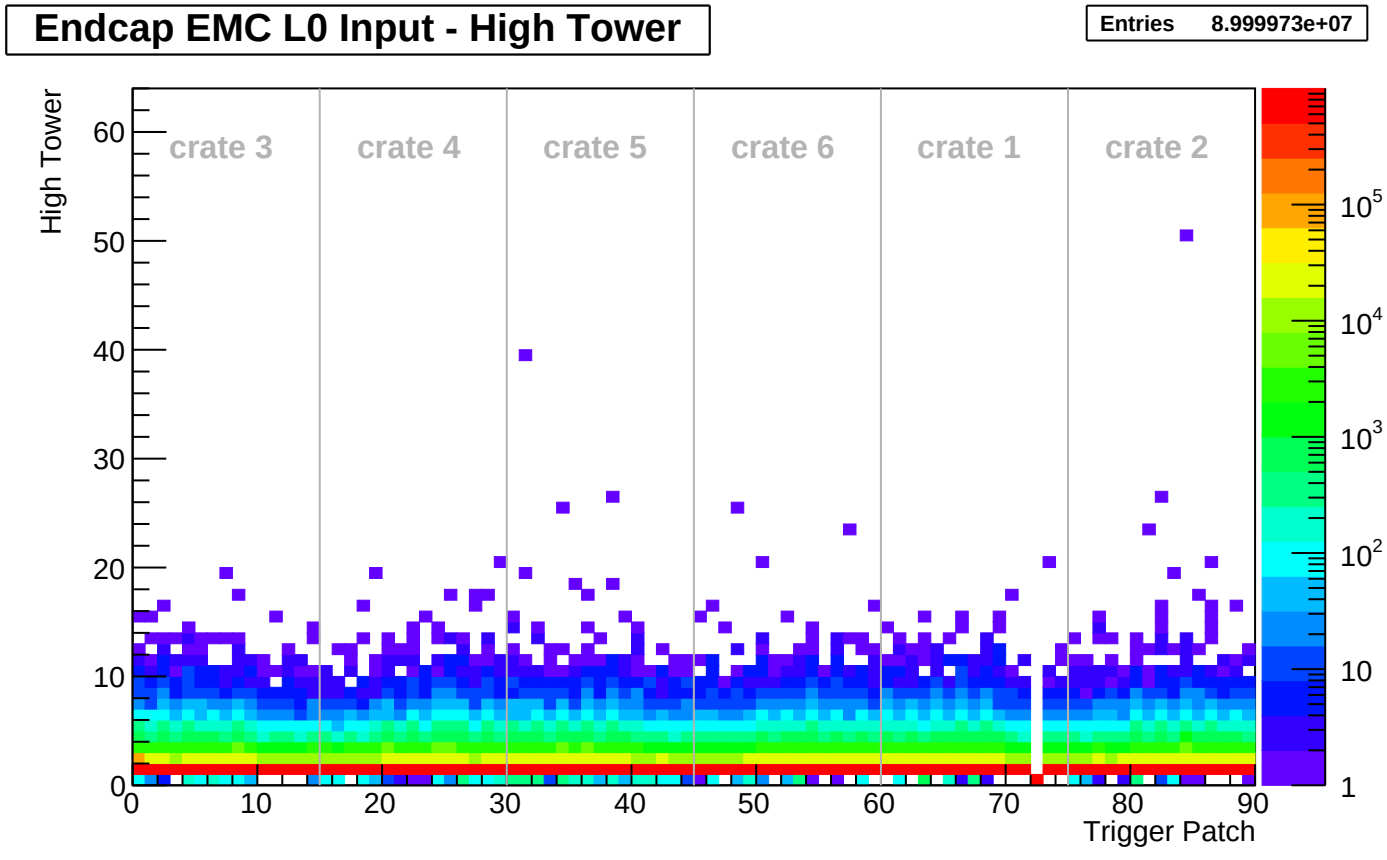
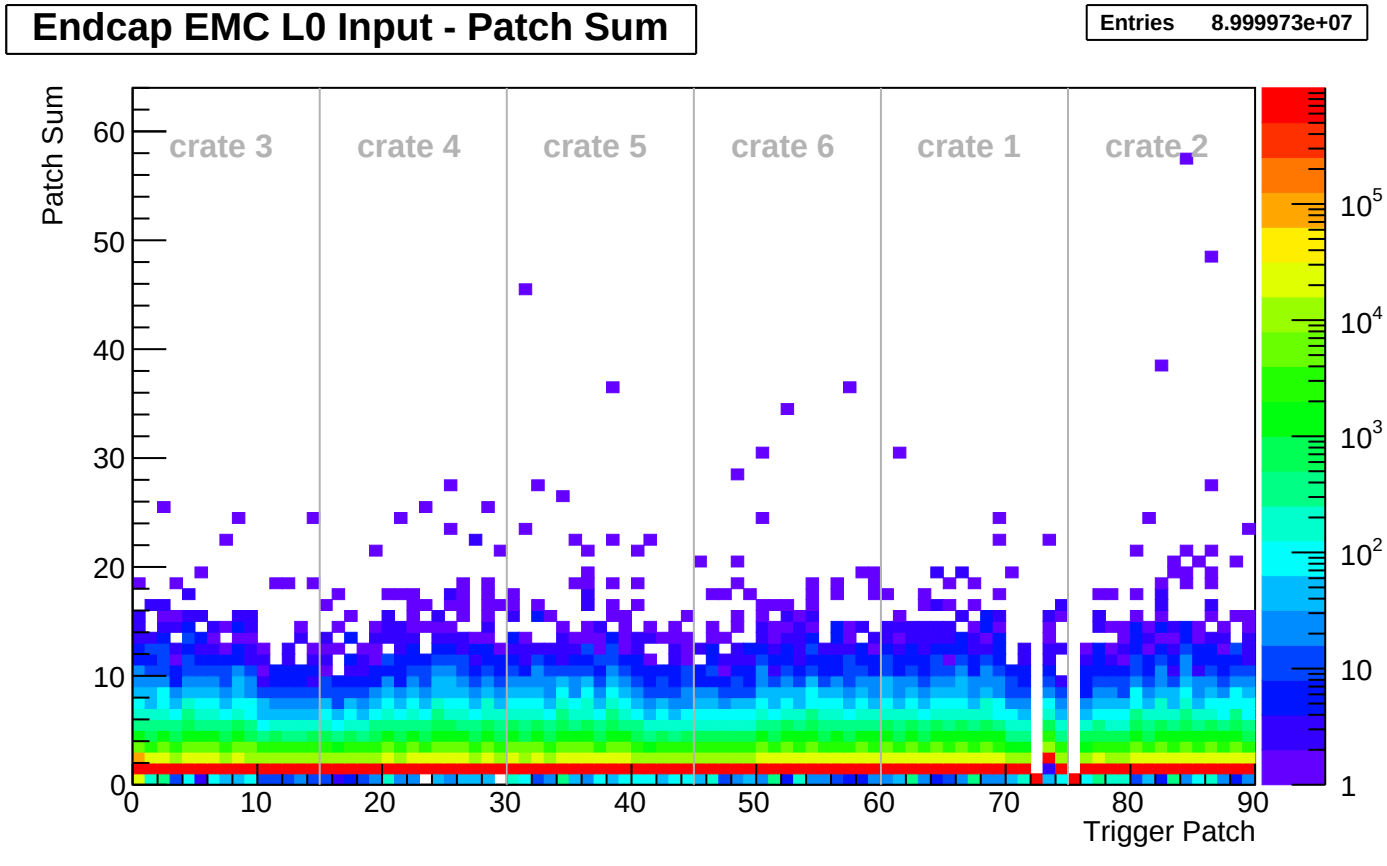
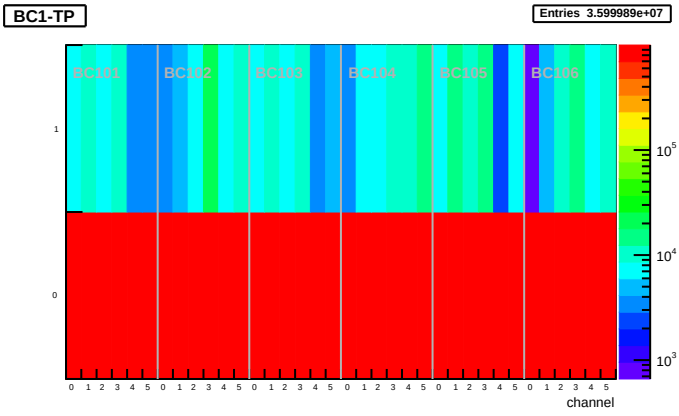
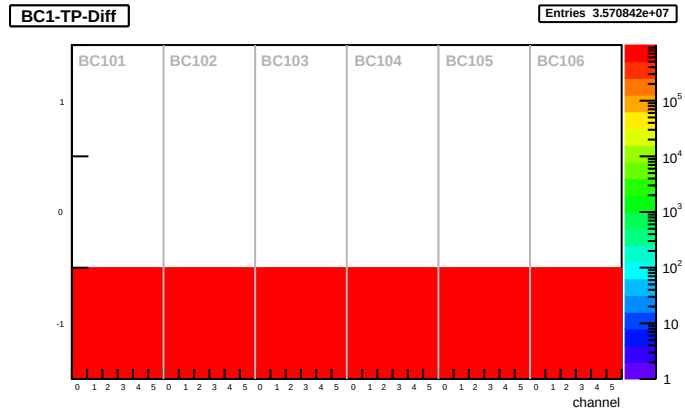

Barrel EMC L0 Input - High Tower
Entries 2.999991e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

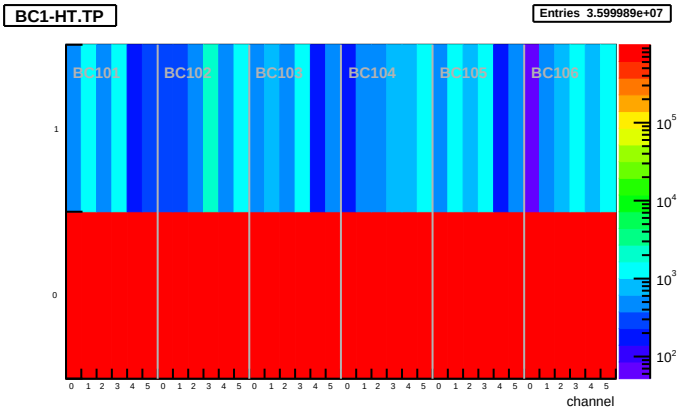

Barrel EMC L0 Input - Patch Sum
Entries 2.999991e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

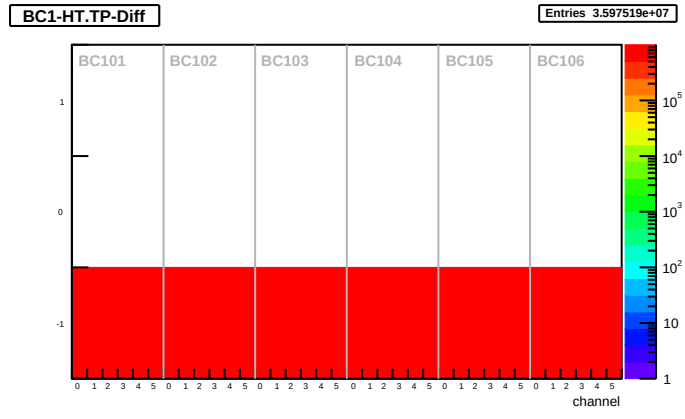

Endcap EMC L0 Input - High Tower
Entries 8.999973e+07
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

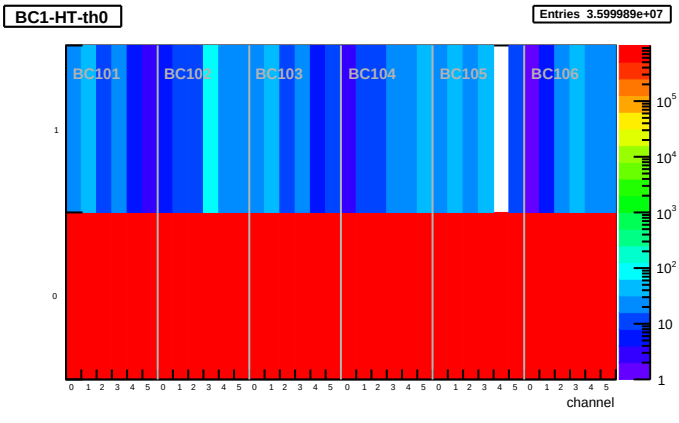

Endcap EMC L0 Input - Patch Sum
Entries 8.999973e+07
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

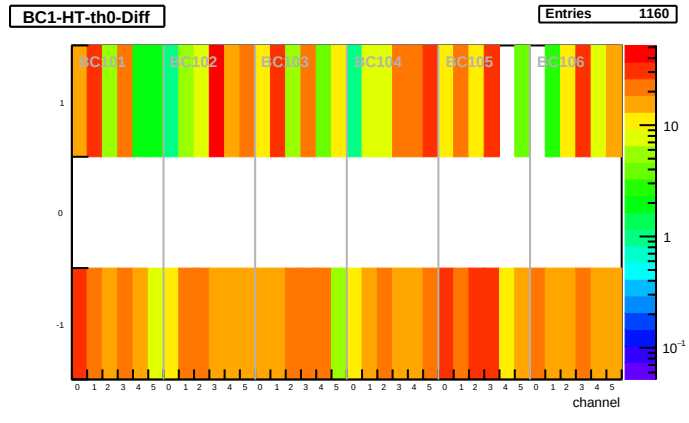

BC1-TP
Entries 3.599989e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

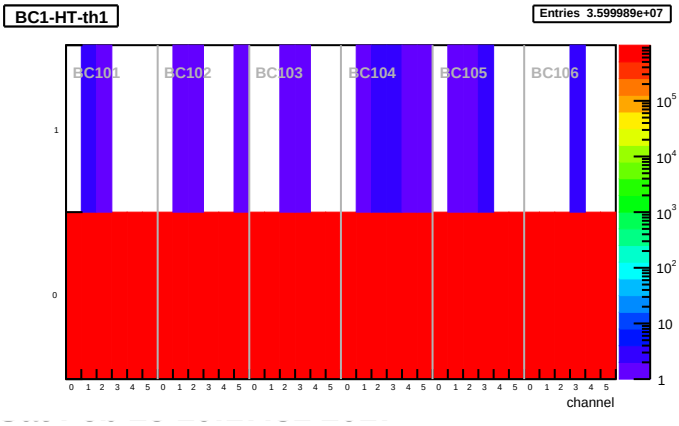

BC1-TP-Diff
Entries 3.570842e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

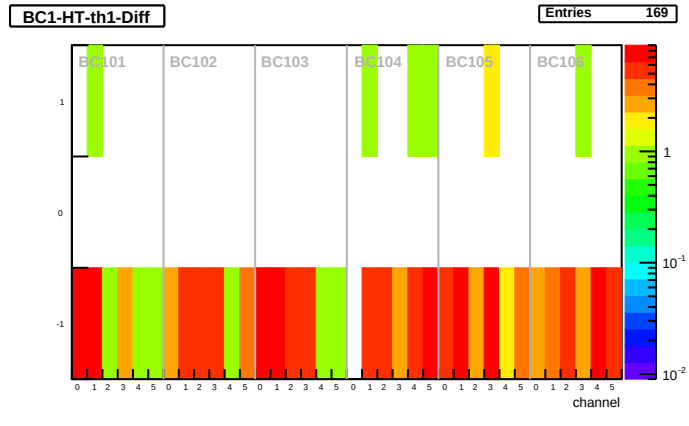

BC1-HT.TP
Entries 3.599989e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT.TP-Diff
Entries 3.597519e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT-th0
Entries 3.599989e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

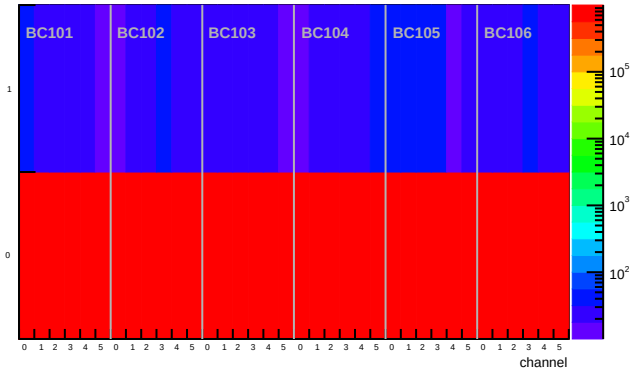

BC1-HT-th0-Diff
Entries 1160
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT-th1
Entries 3.599989e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT-th1-Diff
Entries 169
BC101
BC102
BC103
BC104
BC105
BC106
channel

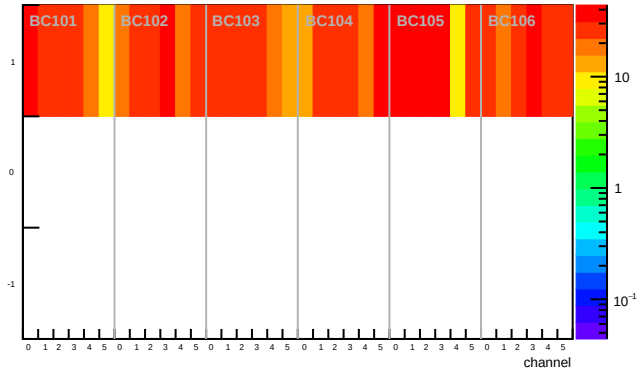
BC1-HT-th2

Entries 3.599989e+07



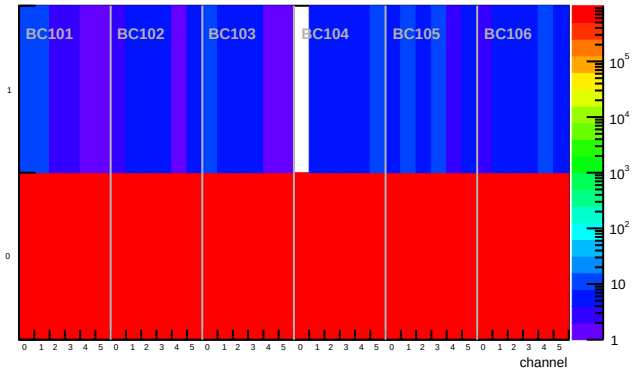
BC1-HT-th2-Diff

Entries 918



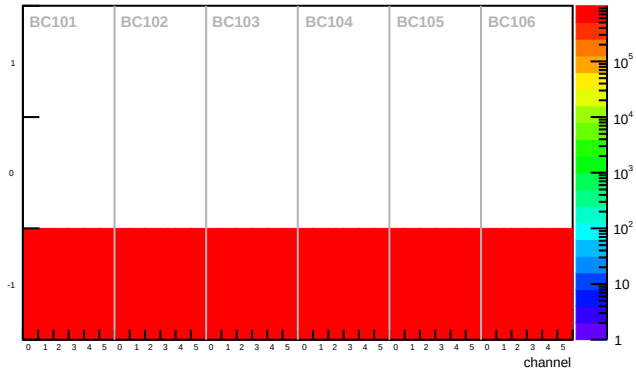
BC1-HT-th3

Entries 3.599989e+07



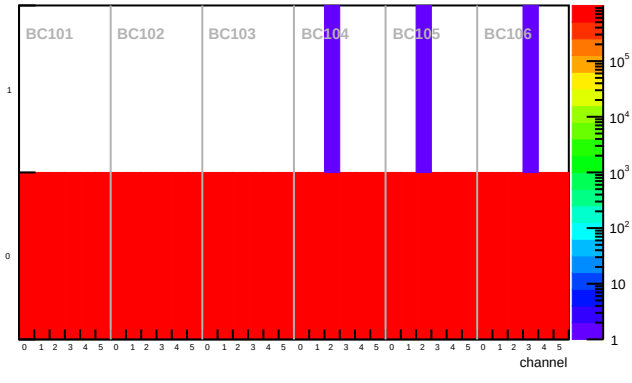
BC1-HT-th3-Diff

Entries 3.599972e+07



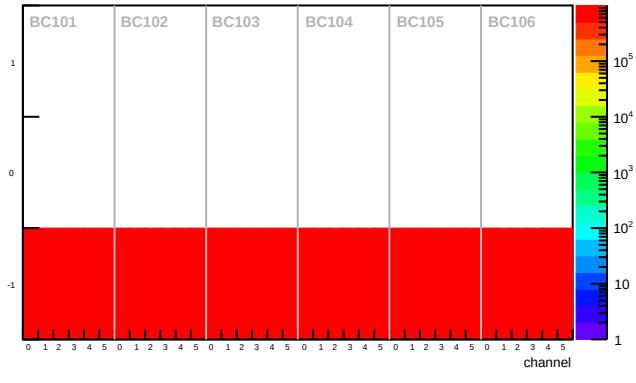
BC1-HT-th4

Entries 3.599989e+07



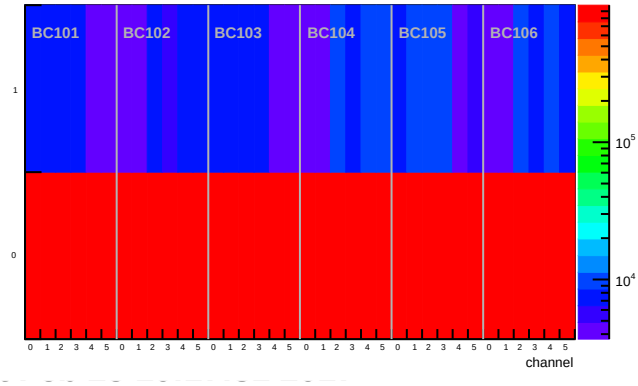
BC1-HT-th4-Diff

Entries 3.599989e+07



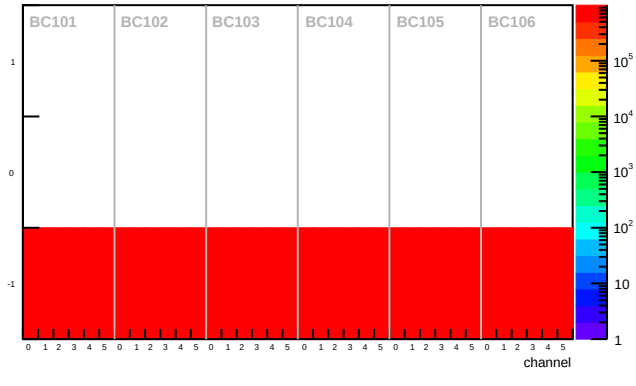
BC1-HT-UPC

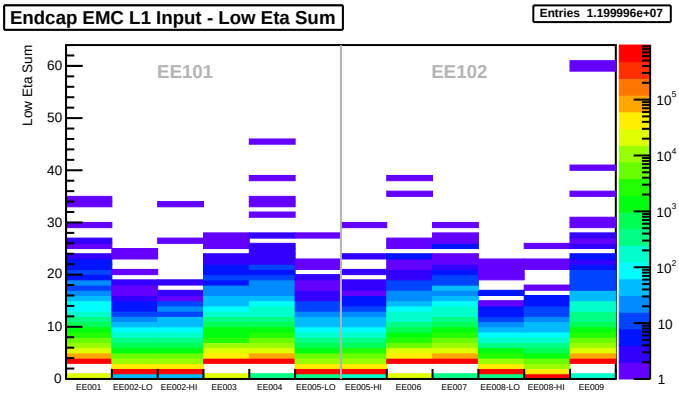
Entries 3.599989e+07

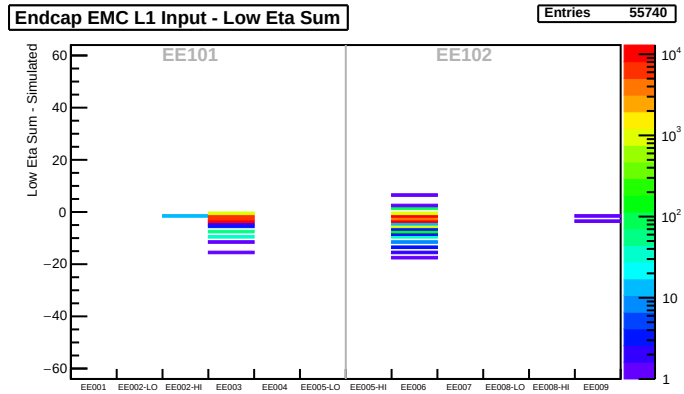


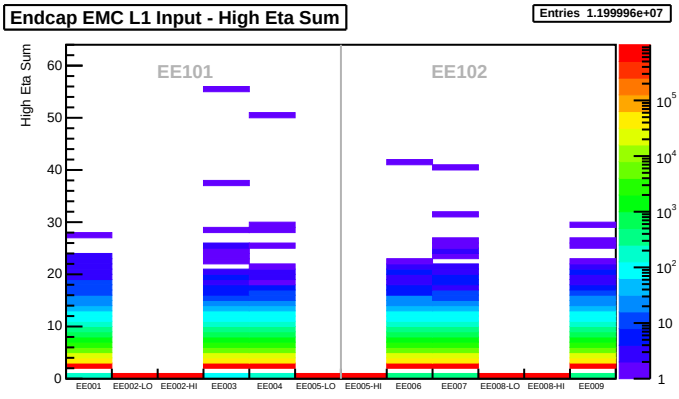
BC1-HT-UPC-Diff

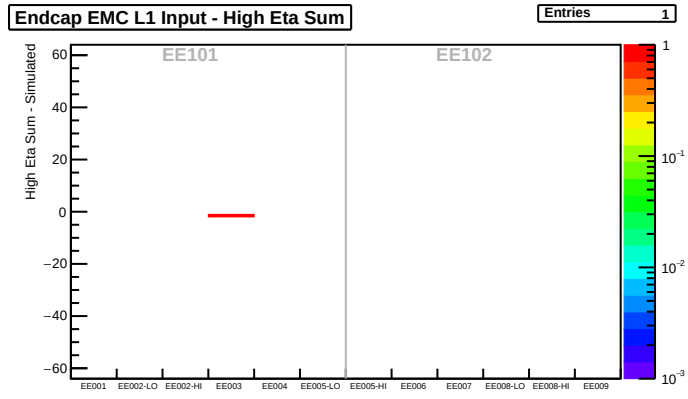
Entries 3.575294e+07

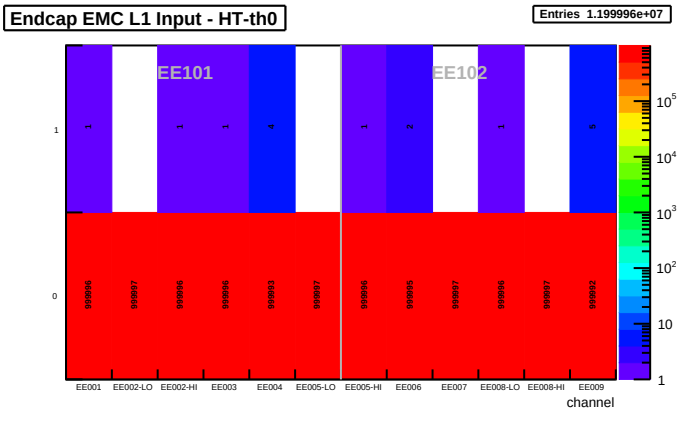


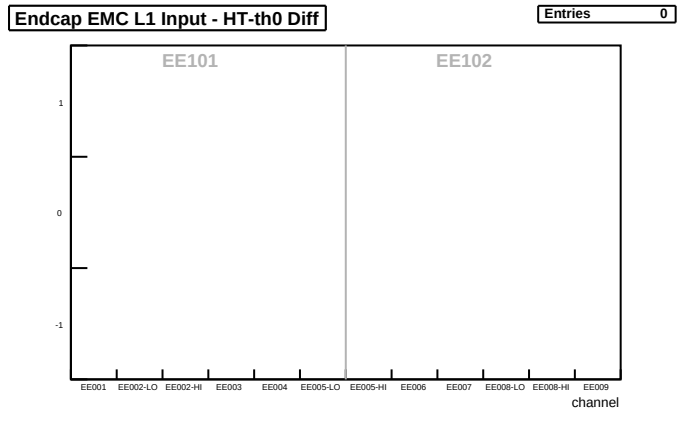

Endcap EMC L1 Input - Low Eta Sum
Entries 1.199996e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

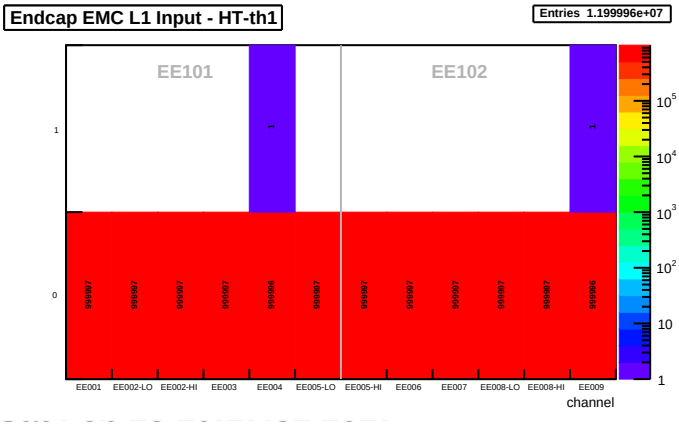

Endcap EMC L1 Input - Low Eta Sum
Entries 55740
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

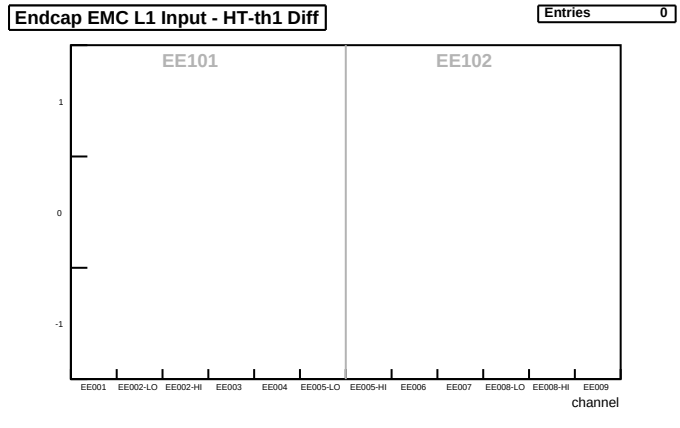

Endcap EMC L1 Input - High Eta Sum
Entries 1.199996e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

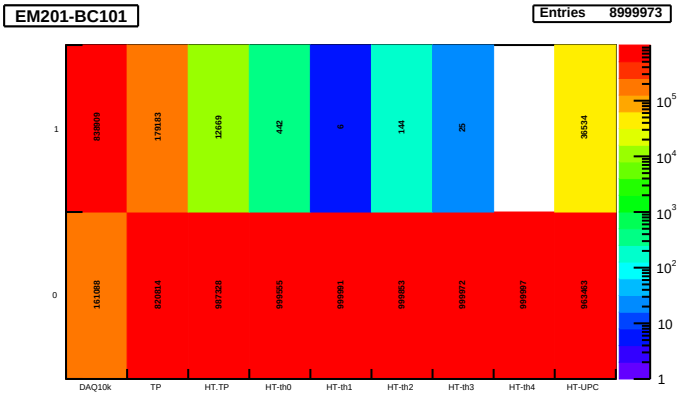

Endcap EMC L1 Input - High Eta Sum
Entries 1
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

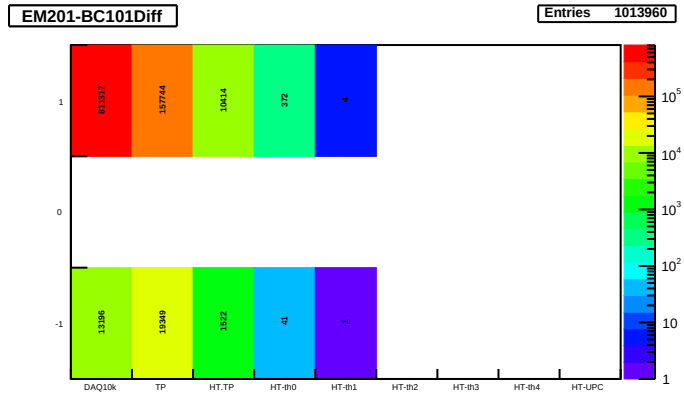

Endcap EMC L1 Input - HT-th0
Entries 1.199996e+07
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

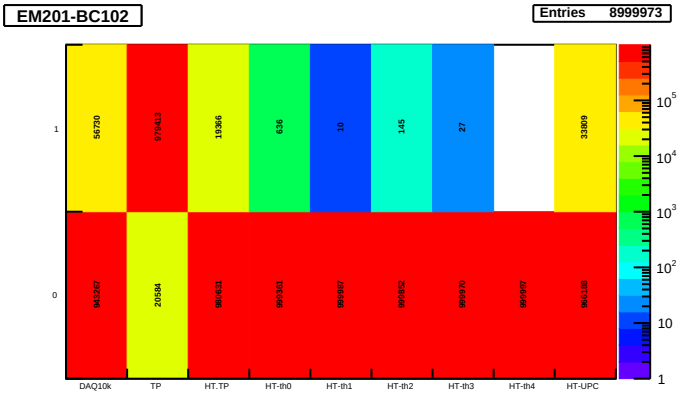

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

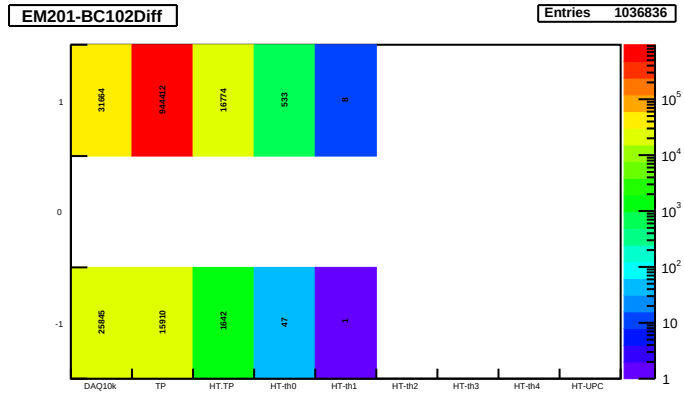

Endcap EMC L1 Input - HT-th1
Entries 1.199996e+07
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

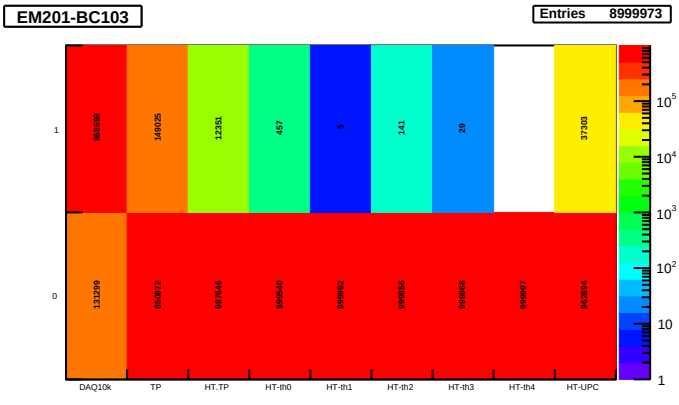

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

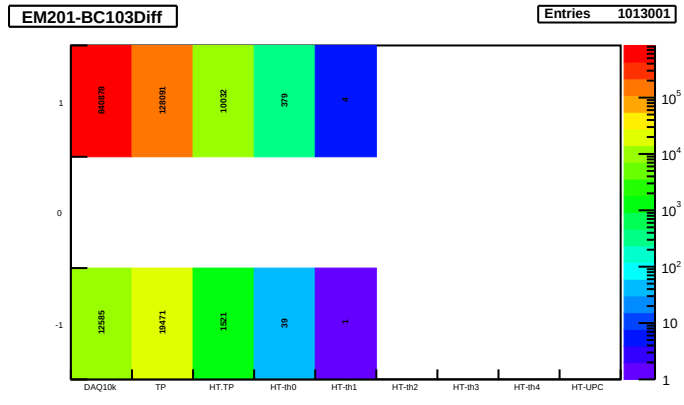

EM201-BC101
Entries 8999973
1
0
838809
179183
12669
442
6
144
25
36534
161088
820814
987328
999555
999991
999853
999972
999997
963463
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

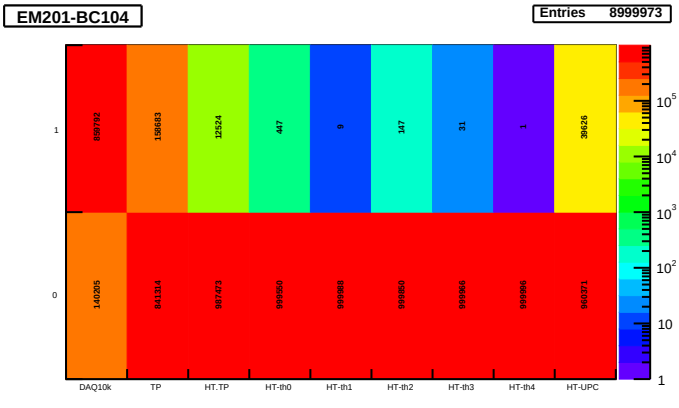

EM201-BC101Diff
Entries 1013960
1
0
-1
811317
157744
10414
372
4
13196
19349
1522
41
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

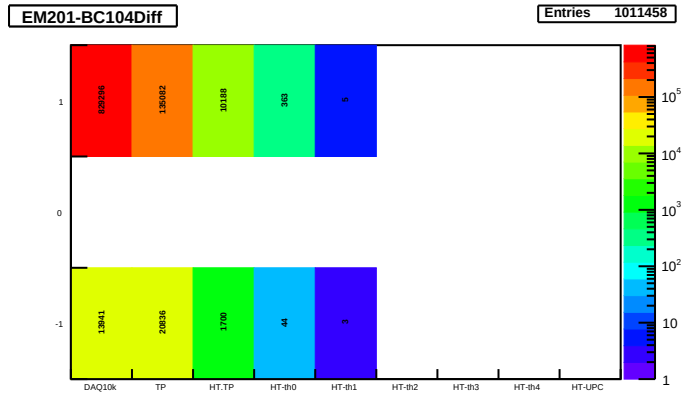

EM201-BC102
Entries 8999973
1
0
56730
979413
19366
636
10
145
27
33809
943257
20584
980631
999351
999987
999852
999970
999997
966188
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC102Diff
Entries 1036836
1
0
-1
31664
944412
16774
533
8
25845
15910
1642
47
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

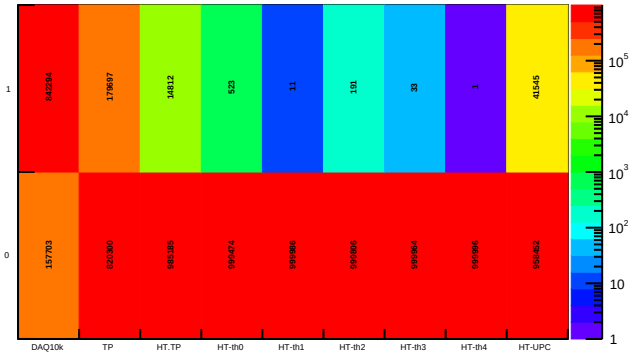

EM201-BC103
Entries 8999973
1
0
868388
149025
12391
457
5
141
29
37303
132299
850972
987346
999540
999992
999856
999948
999997
962694
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC103Diff
Entries 1013001
1
0
-1
840876
128091
10032
379
4
12585
19471
1321
39
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

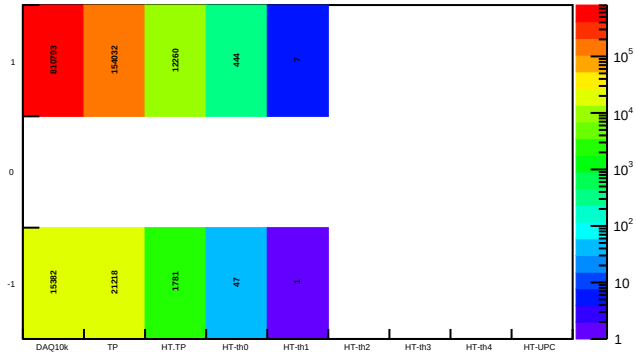

EM201-BC104
Entries 8999973
1
0
839792
159683
12524
447
9
147
31
1
38626
140205
841314
987473
999550
999988
999850
999966
999996
960371
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC104Diff
Entries 1011458
1
0
-1
829256
136082
10168
383
5
13841
20836
1700
44
3
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

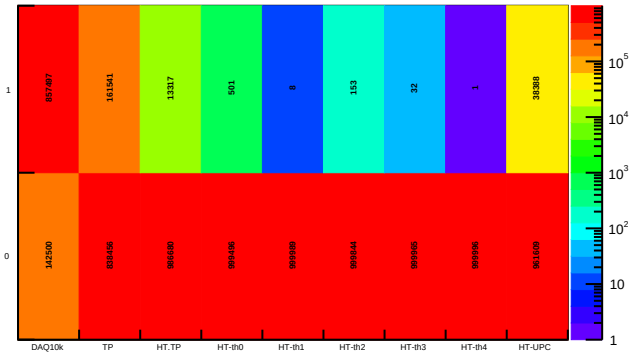
EM201-BC105 Entries 8999973



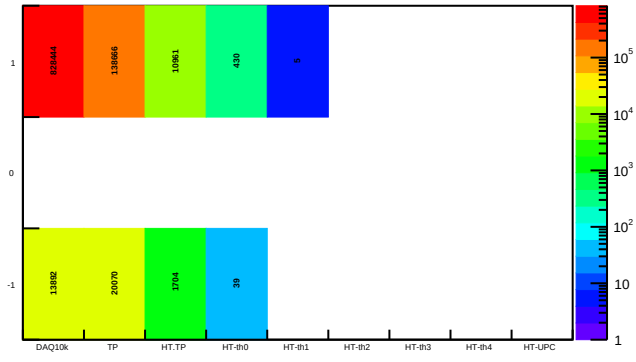
EM201-BC105Diff Entries 1015965



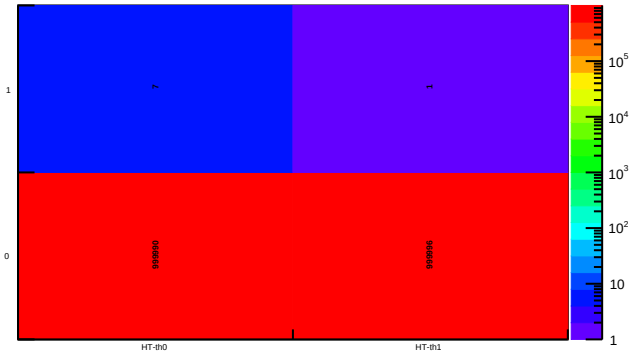
EM201-BC106 Entries 8999973



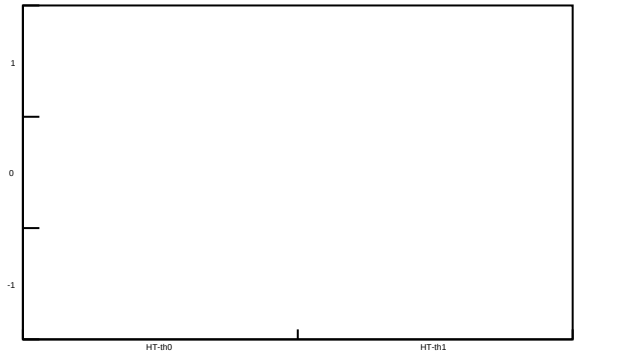
EM201-BC106Diff Entries 1014211



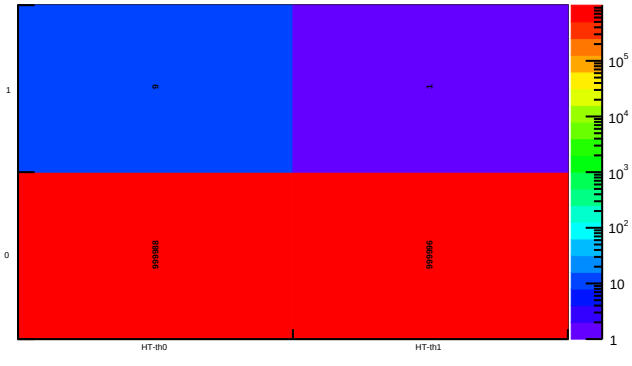
EM201-EE101 Entries 1999994



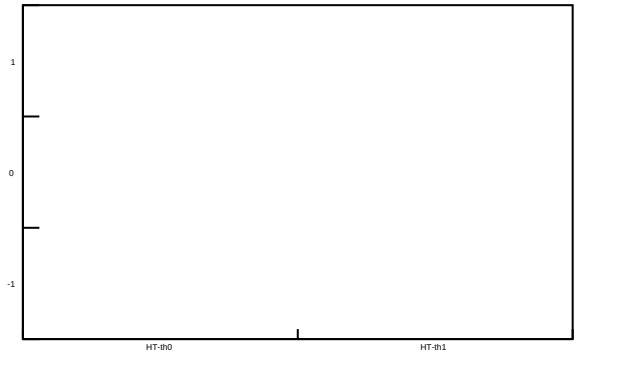
EM201-EE101Diff Entries 0

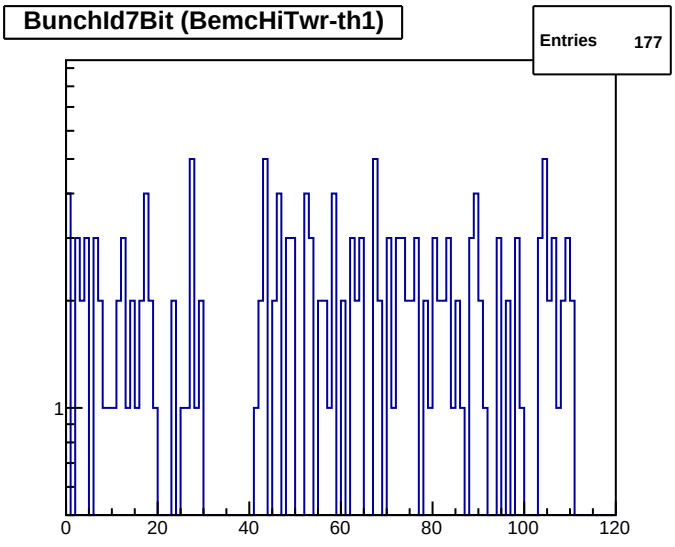


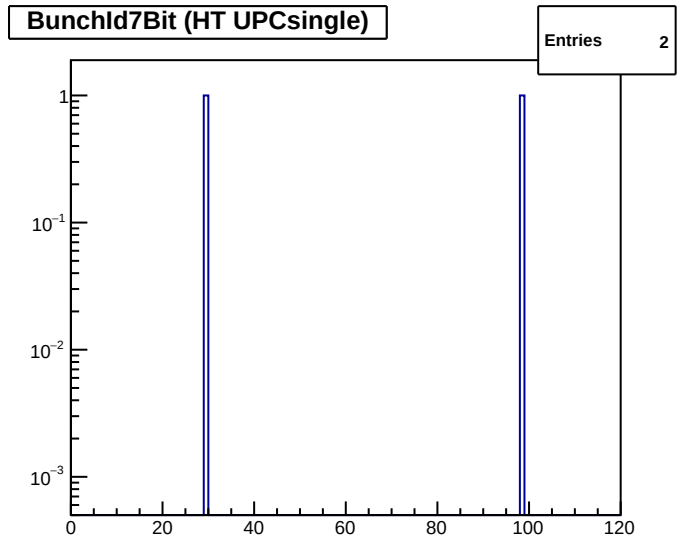
EM201-EE102 Entries 1999994

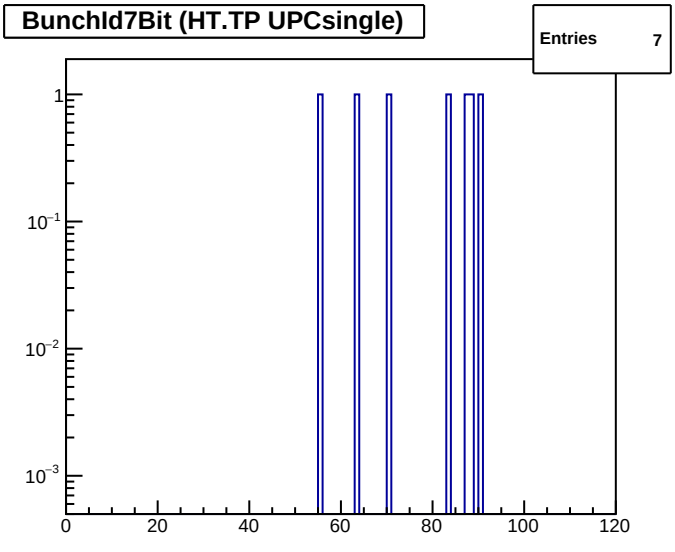


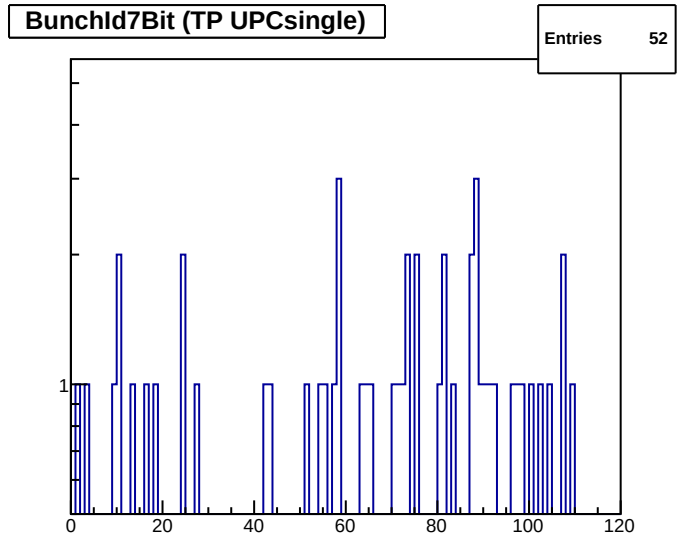
EM201-EE102Diff Entries 0

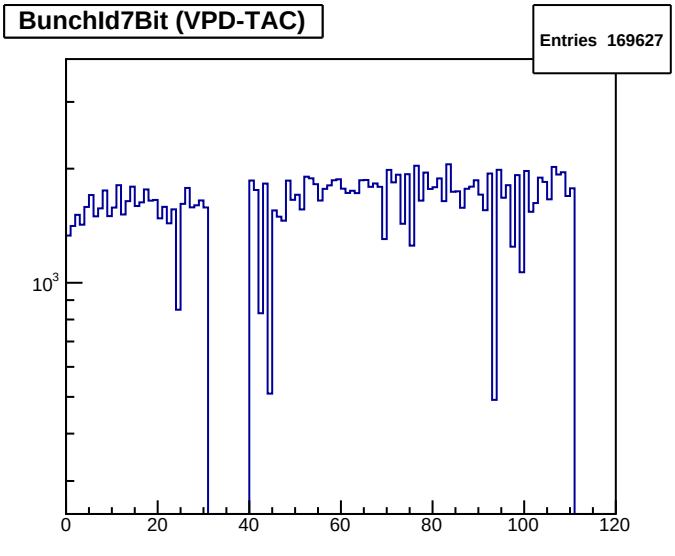


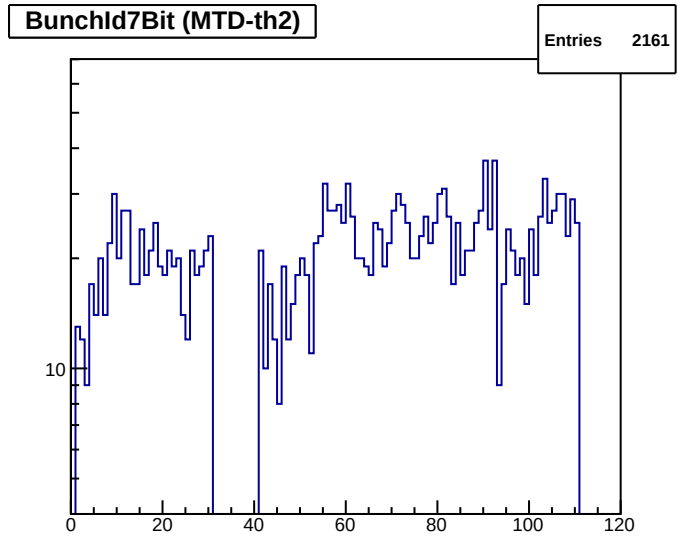

BunchId7Bit (BemcHiTwr-th1)
Entries 177
1
0 20 40 60 80 100 120

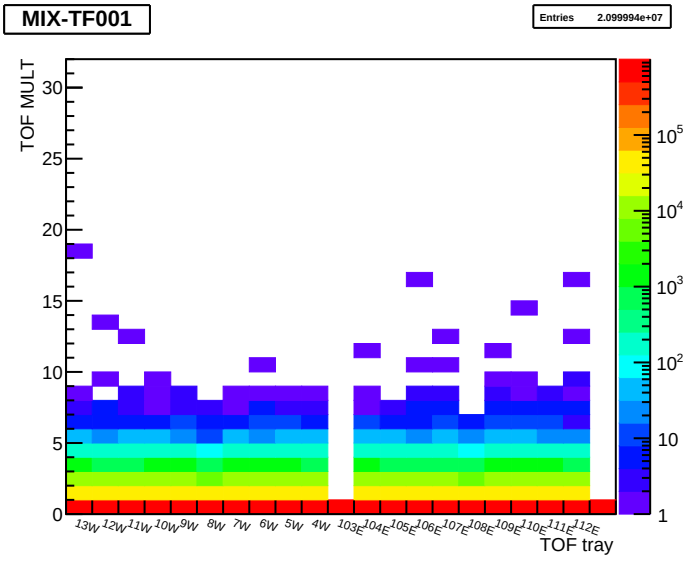

BunchId7Bit (HT UPCsingle)
Entries 2
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

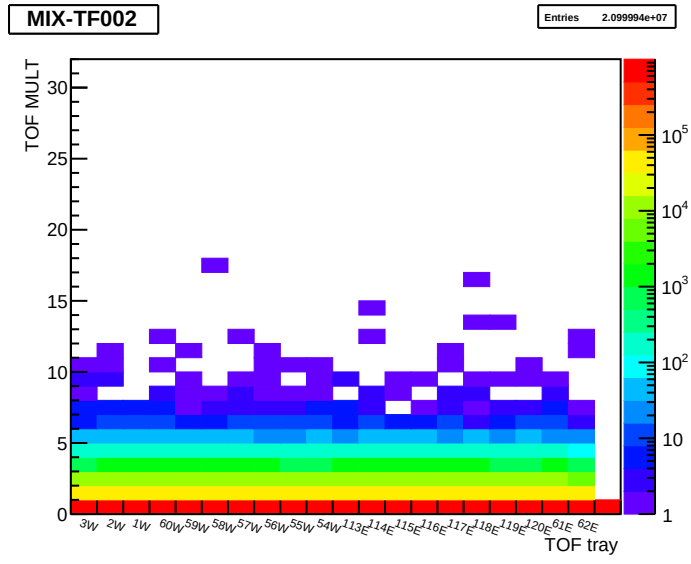

BunchId7Bit (HT.TP UPCsingle)
Entries 7
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

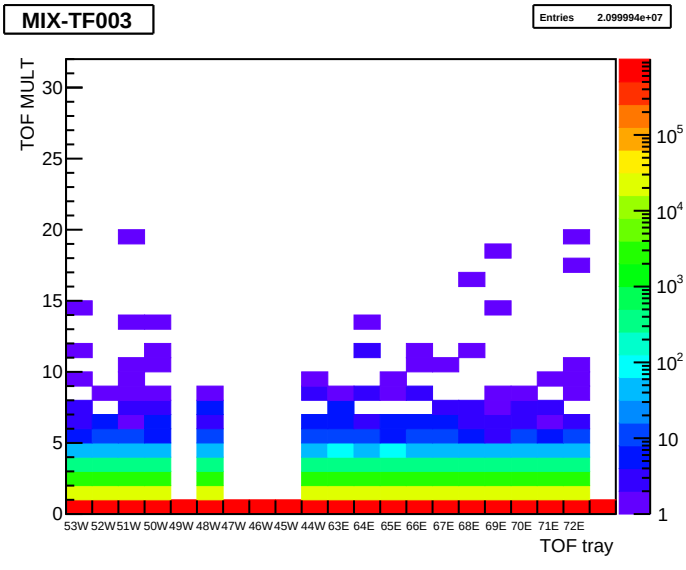

BunchId7Bit (TP UPCsingle)
Entries 52
1
0 20 40 60 80 100 120

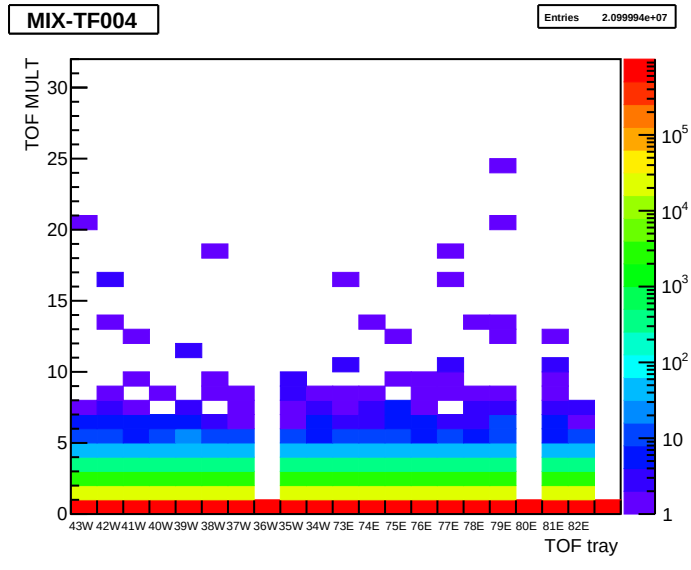

BunchId7Bit (VPD-TAC)
Entries 169627
10^3
0 20 40 60 80 100 120

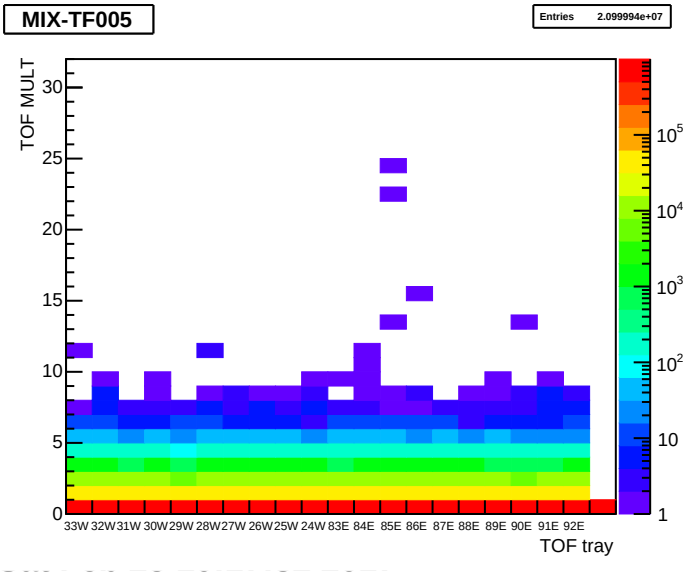

BunchId7Bit (MTD-th2)
Entries 2161
10
0 20 40 60 80 100 120

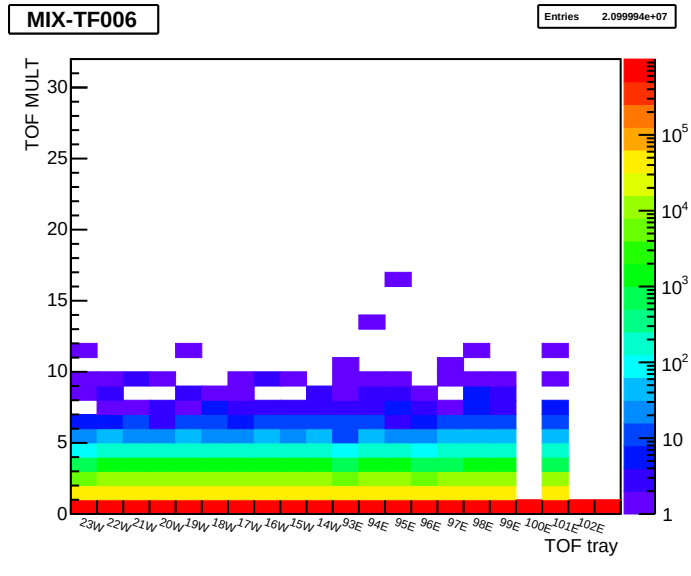

MIX-TF001
Entries 2.099994e+07
TOF MULT
TOF tray

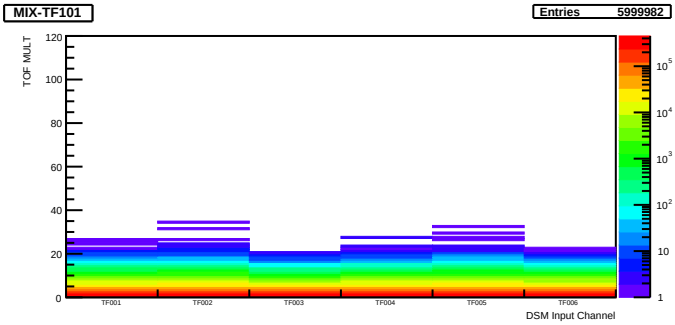

MIX-TF002
Entries 2.099994e+07
TOF MULT
TOF tray

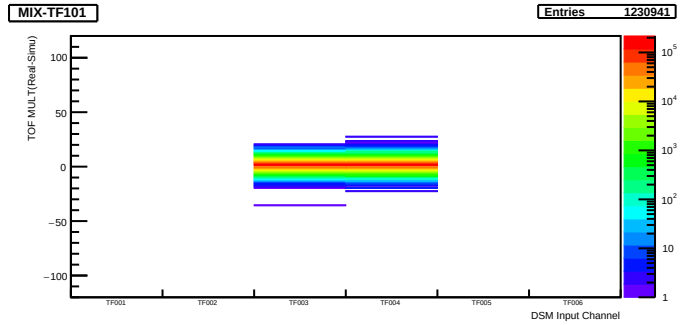

MIX-TF003
Entries 2.099994e+07
TOF MULT
TOF tray

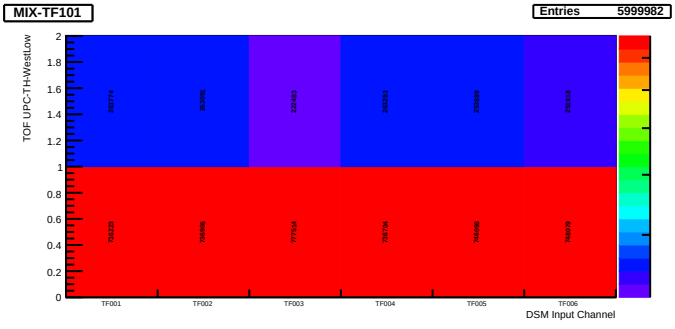

MIX-TF004
Entries 2.099994e+07
TOF MULT
TOF tray

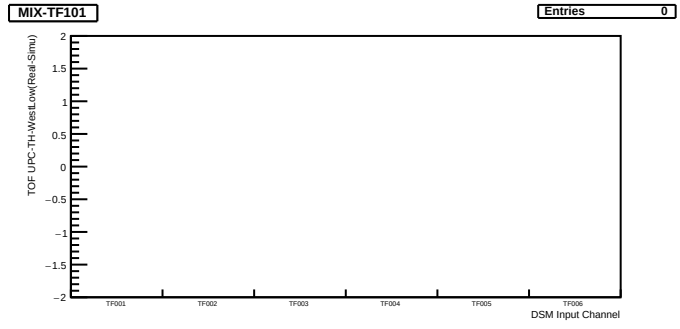

MIX-TF005
Entries 2.099994e+07
TOF MULT
TOF tray

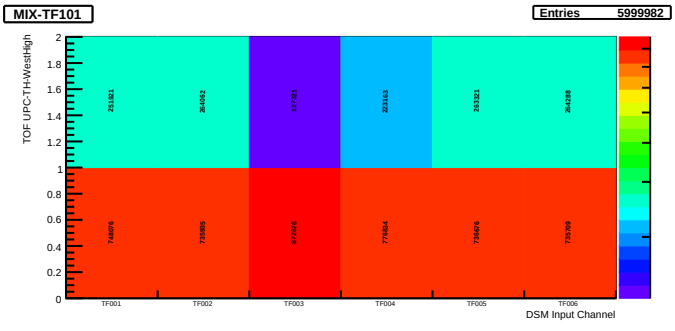

MIX-TF006
Entries 2.099994e+07
TOF MULT
TOF tray

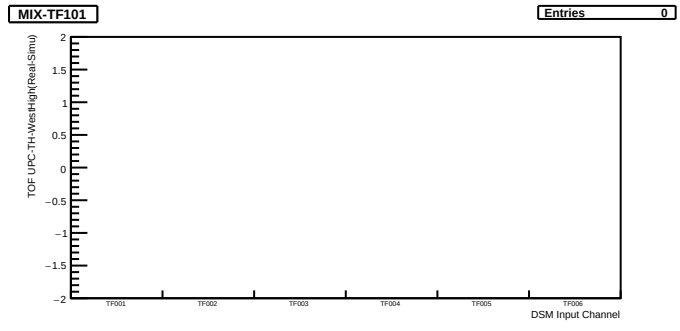

MIX-TF101
Entries 5999982
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

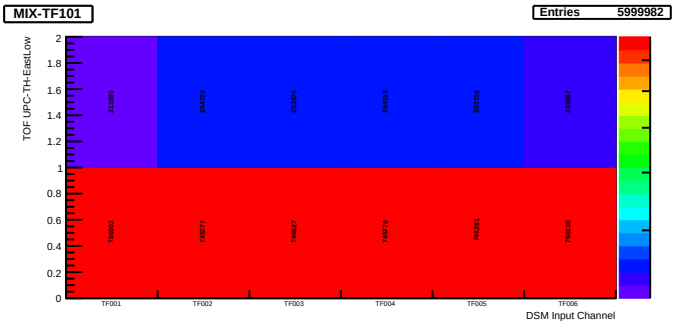

MIX-TF101
Entries 1230941
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

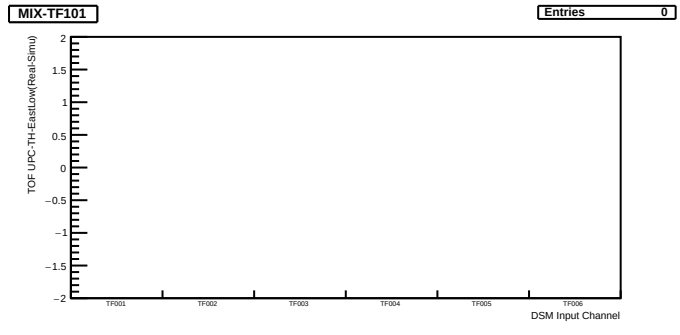

MIX-TF101
Entries 5999982
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

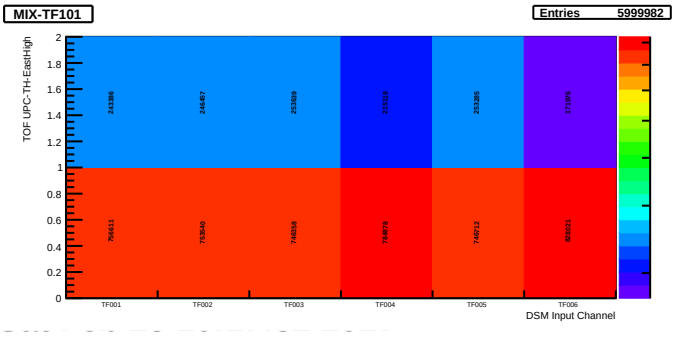

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

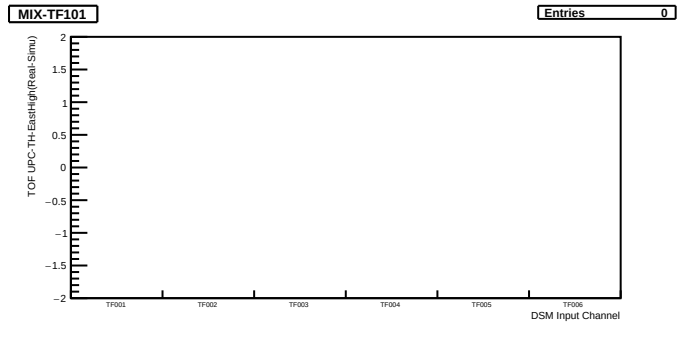

MIX-TF101
Entries 5999982
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

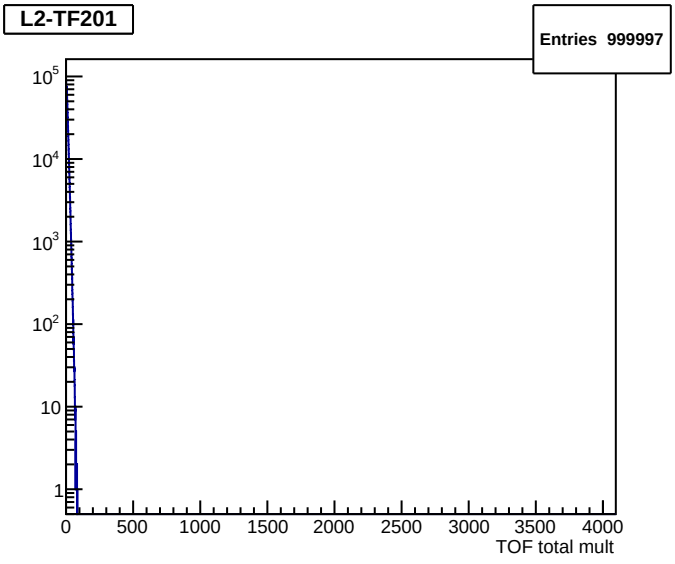

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

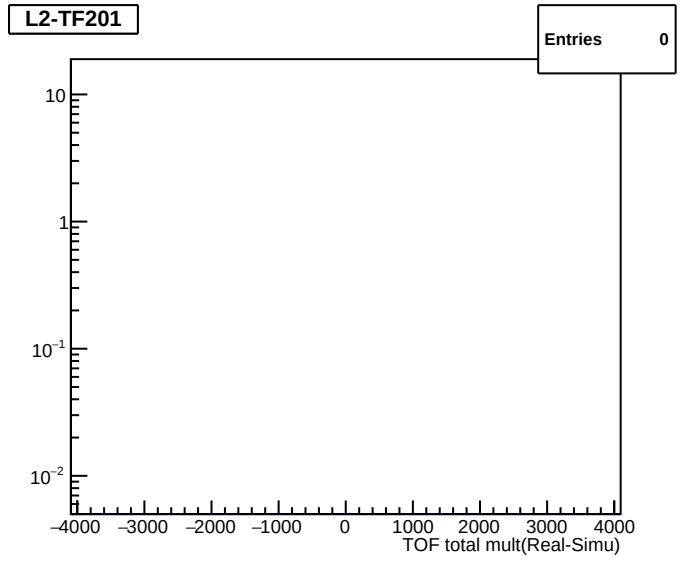

MIX-TF101
Entries 5999982
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

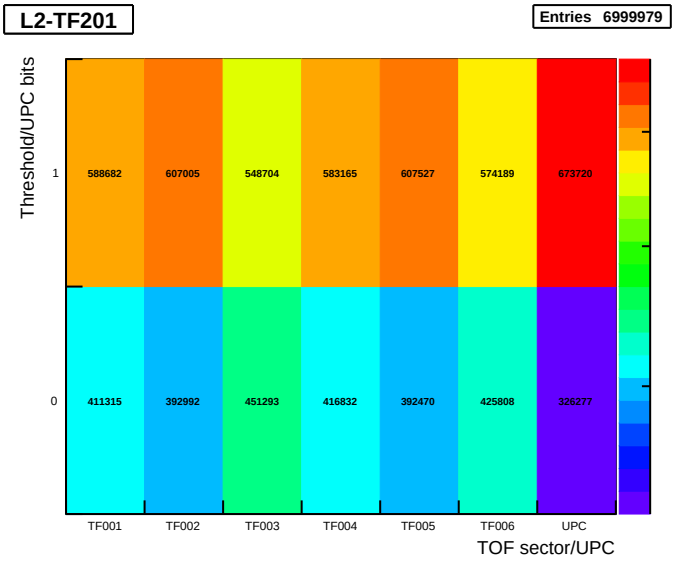

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

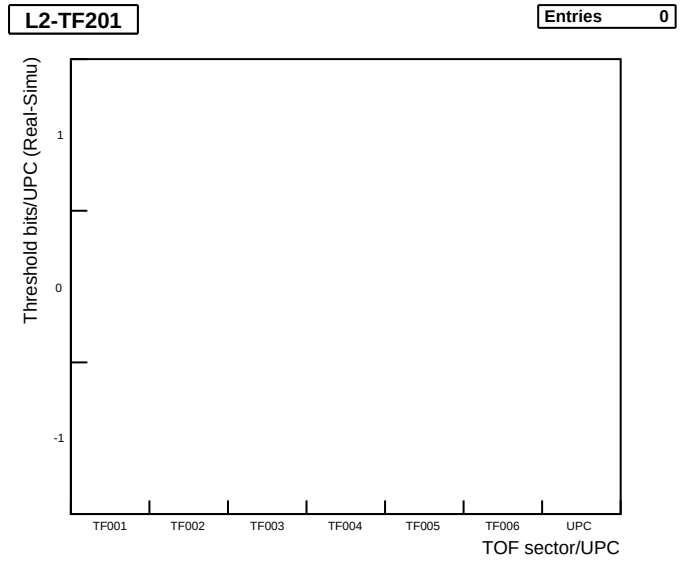

MIX-TF101
Entries 5999982
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

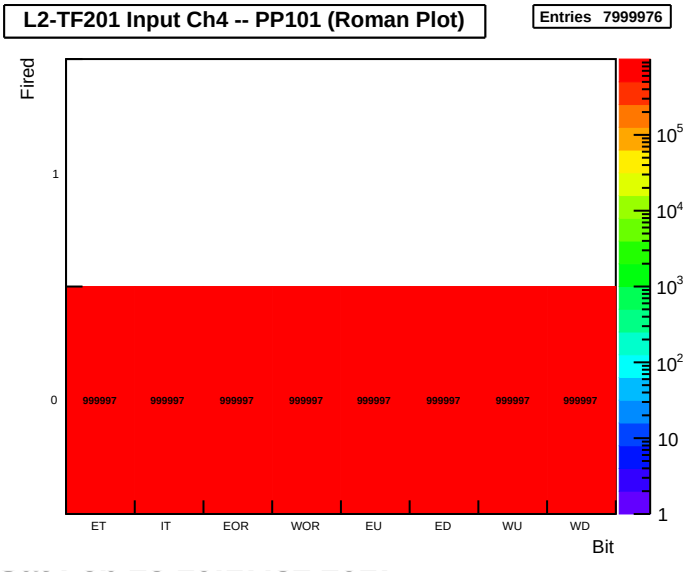

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

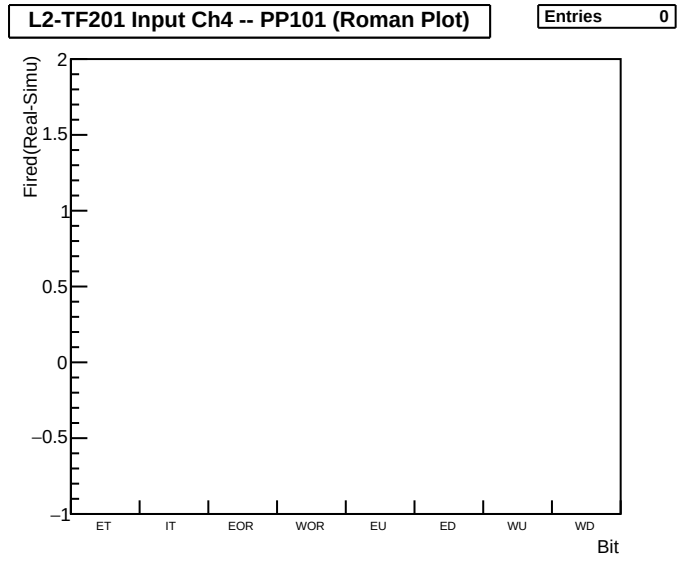

L2-TF201
Entries 999997
TOF total mult

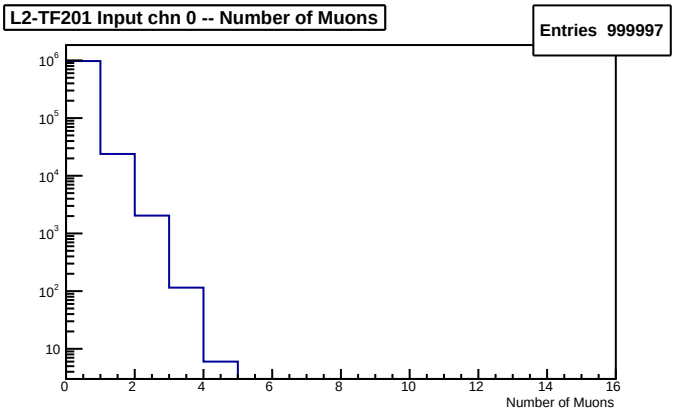

L2-TF201
Entries 0
TOF total mult(Real-Simu)

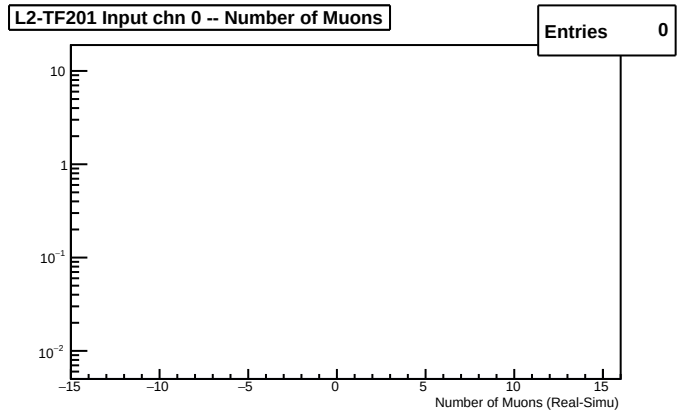

L2-TF201
Entries 6999979
Threshold/UPC bits
588682
607005
548704
583165
607527
574189
673720
411315
392992
451293
416832
392470
425808
326277
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

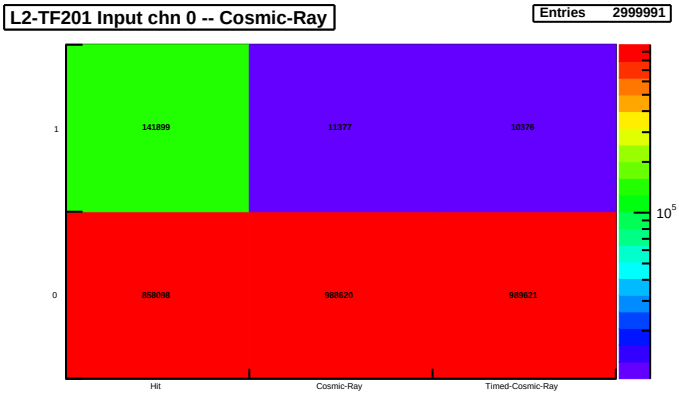

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

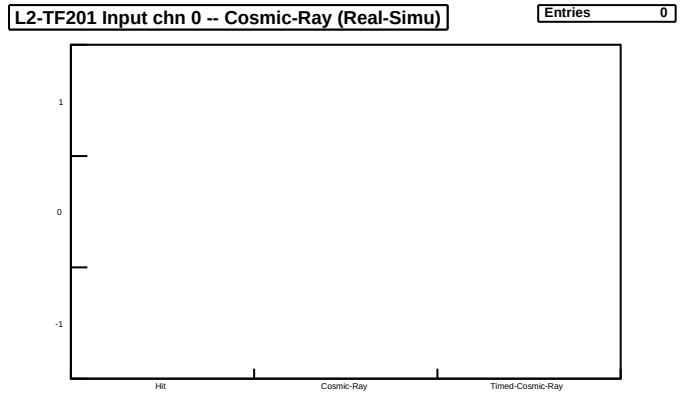

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 7999976
Fired
999997
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

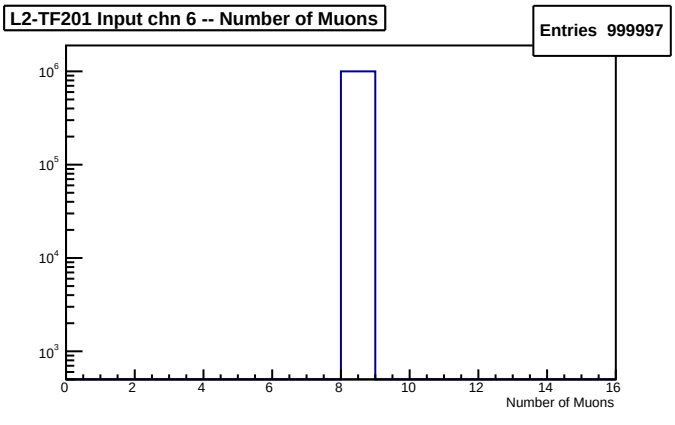

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

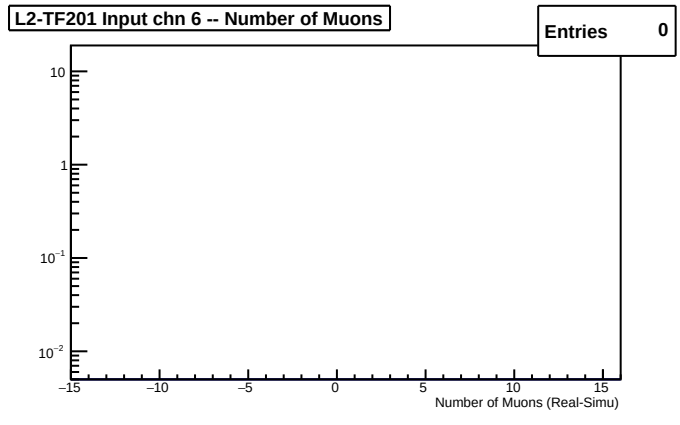

L2-TF201 Input chn 0 -- Number of Muons
Entries 999997
Number of Muons

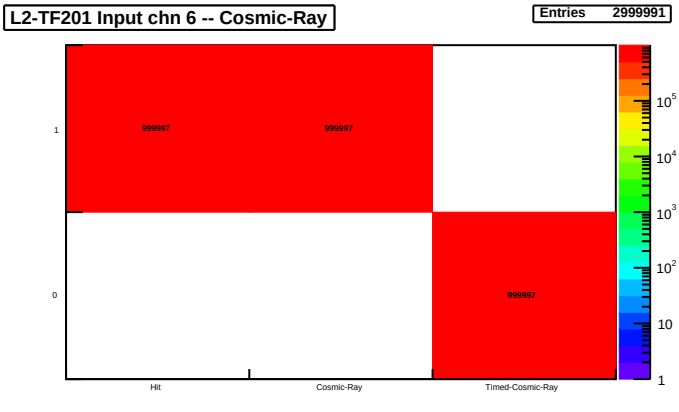

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

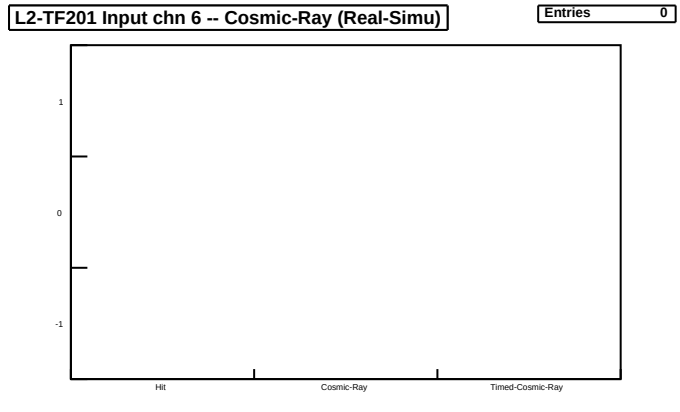

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2999991
141899
11377
10376
858098
988620
989621
Hit
Cosmic-Ray
Timed-Cosmic-Ray

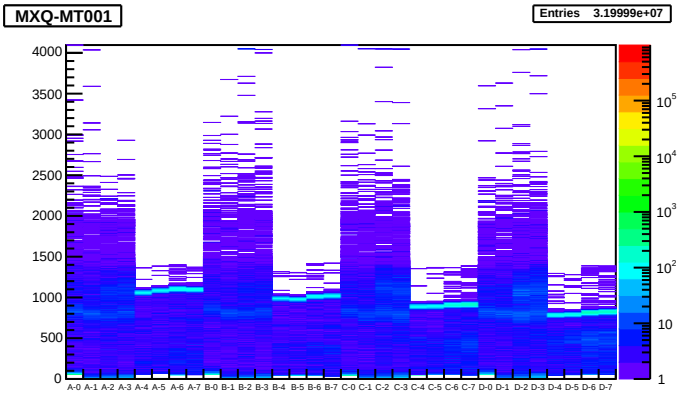

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

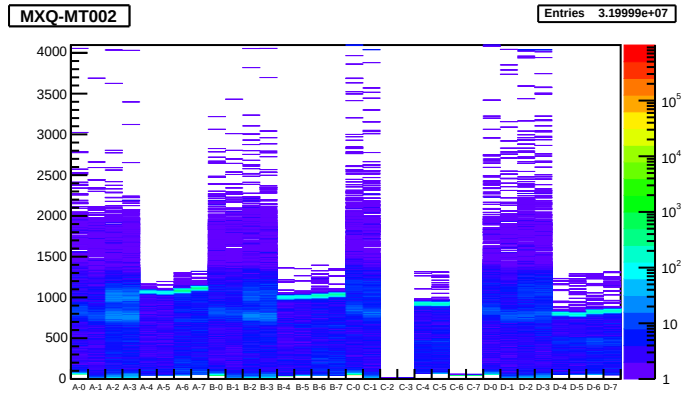

L2-TF201 Input chn 6 -- Number of Muons
Entries 999997
Number of Muons

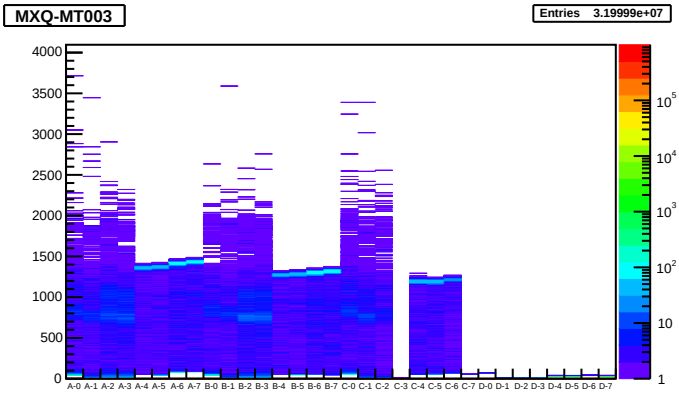

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

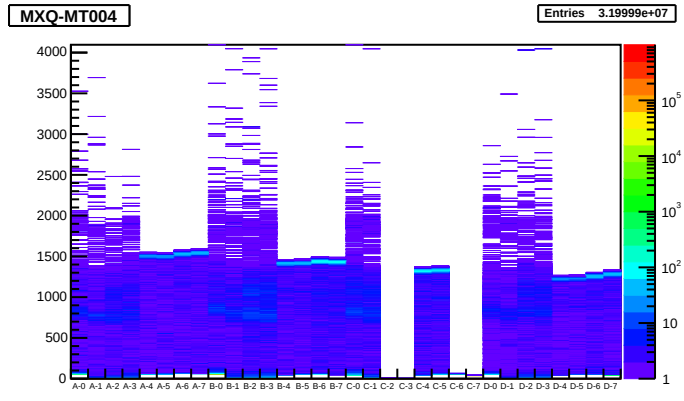

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 2999991
999997
999997
999997
Hit
Cosmic-Ray
Timed-Cosmic-Ray

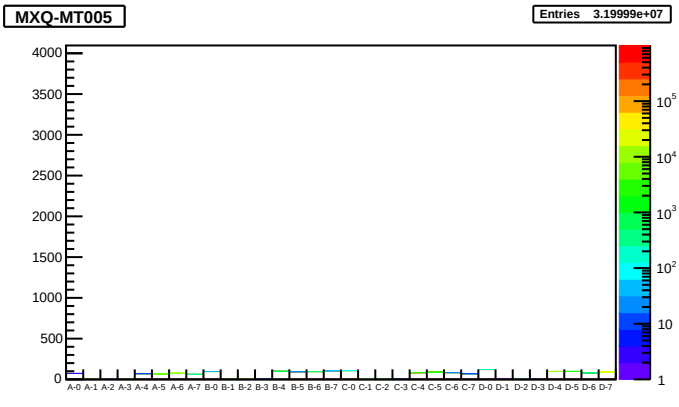

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

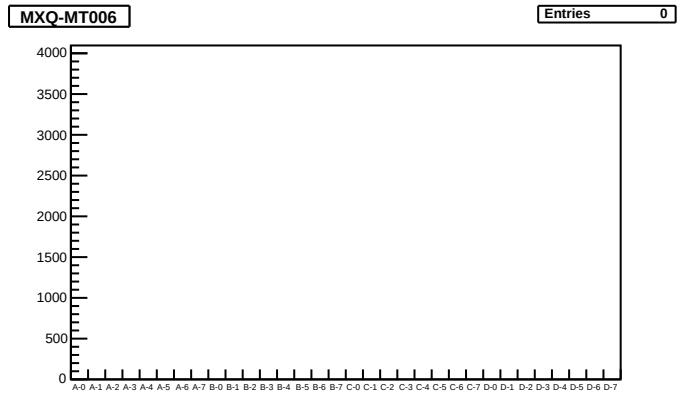

MXQ-MT001
Entries 3.19999e+07

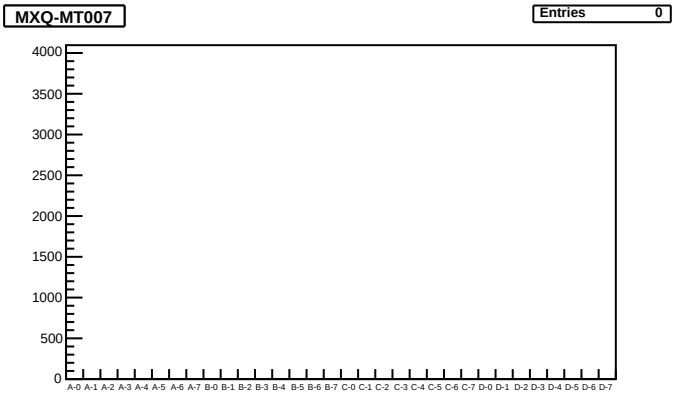

MXQ-MT002
Entries 3.19999e+07

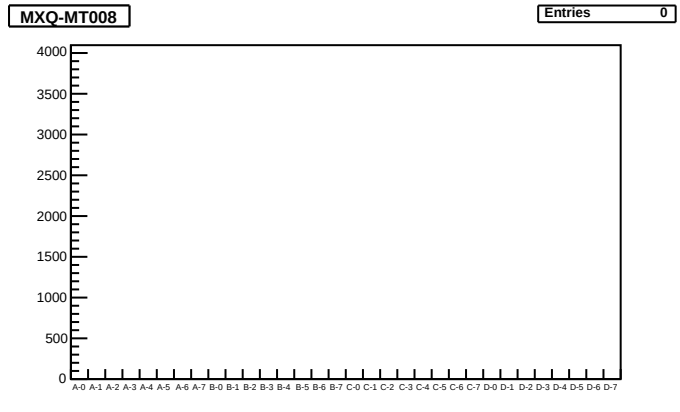

MXQ-MT003
Entries 3.19999e+07

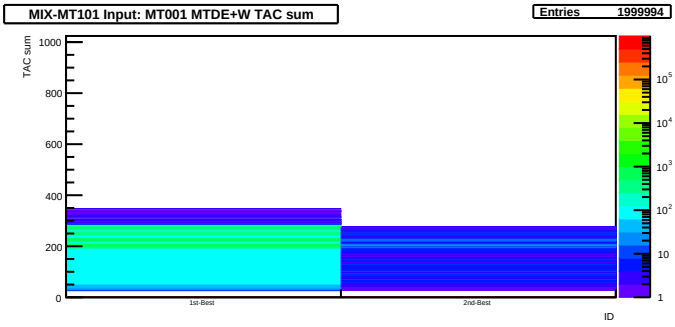

MXQ-MT004
Entries 3.19999e+07

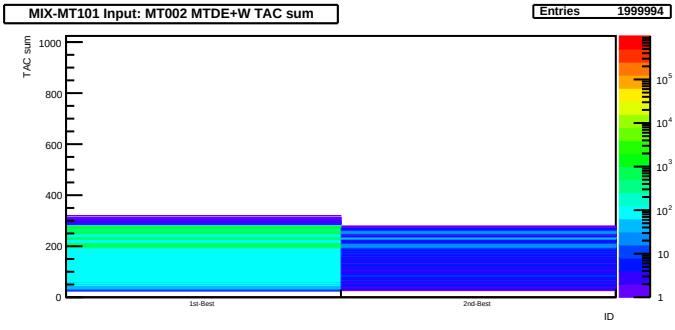

MXQ-MT005
Entries 3.19999e+07

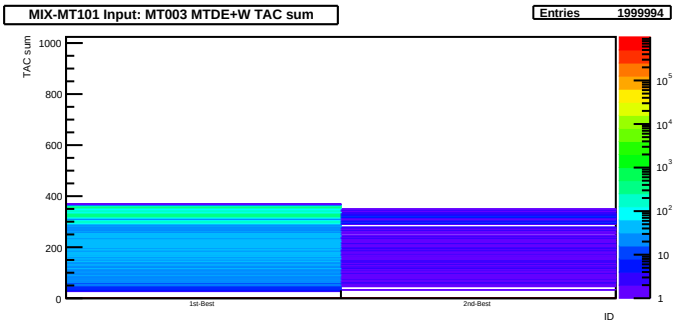

MXQ-MT006
Entries 0

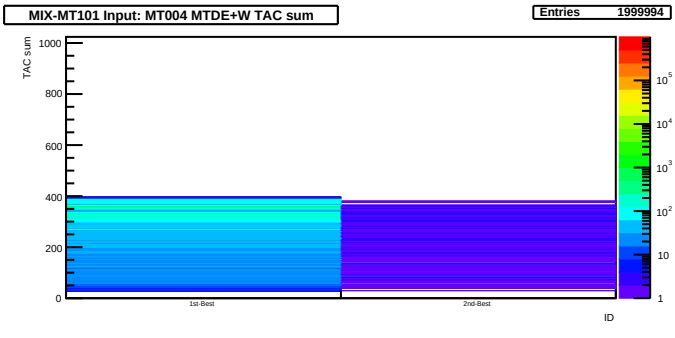

MXQ-MT007
Entries 0

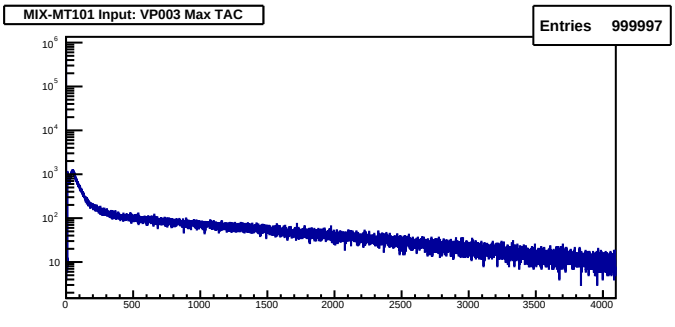

MXQ-MT008
Entries 0

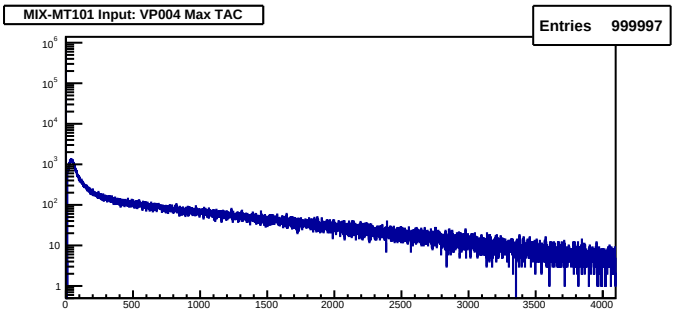

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1999994
TAC sum
1st-Best
2nd-Best
ID

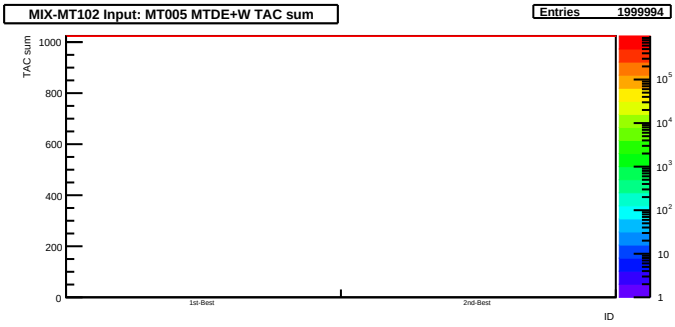

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1999994
TAC sum
1st-Best
2nd-Best
ID

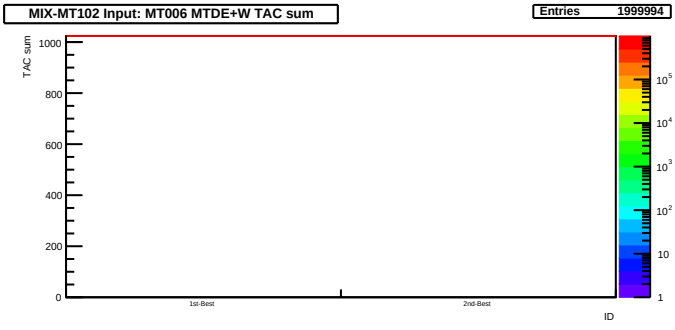

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1999994
TAC sum
1st-Best
2nd-Best
ID

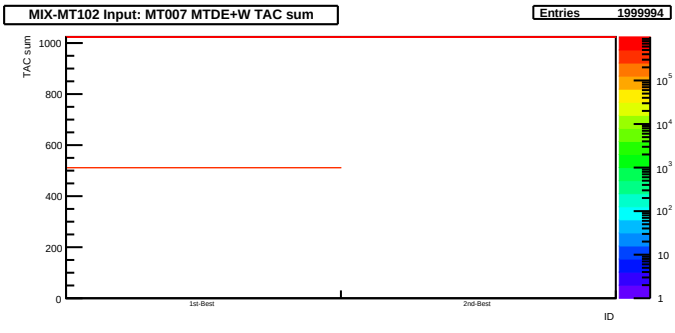

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1999994
TAC sum
1st-Best
2nd-Best
ID

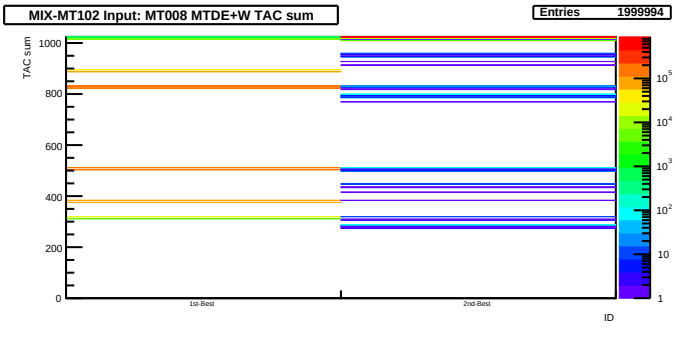

MIX-MT101 Input: VP003 Max TAC
Entries 999997

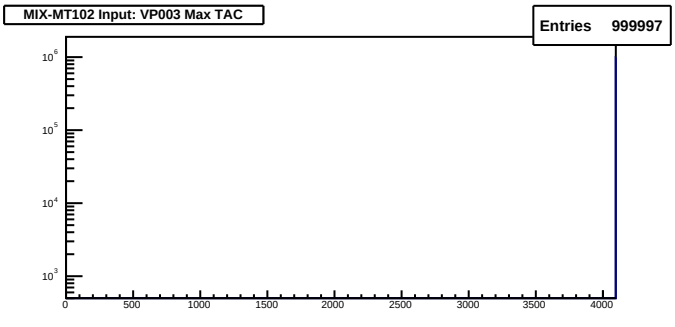

MIX-MT101 Input: VP004 Max TAC
Entries 999997

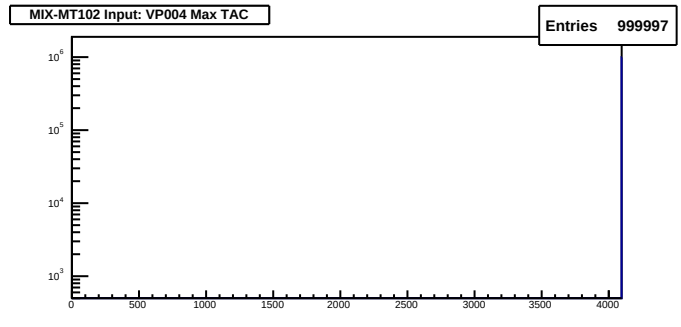

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1999994
TAC sum
1st-Best
2nd-Best
ID

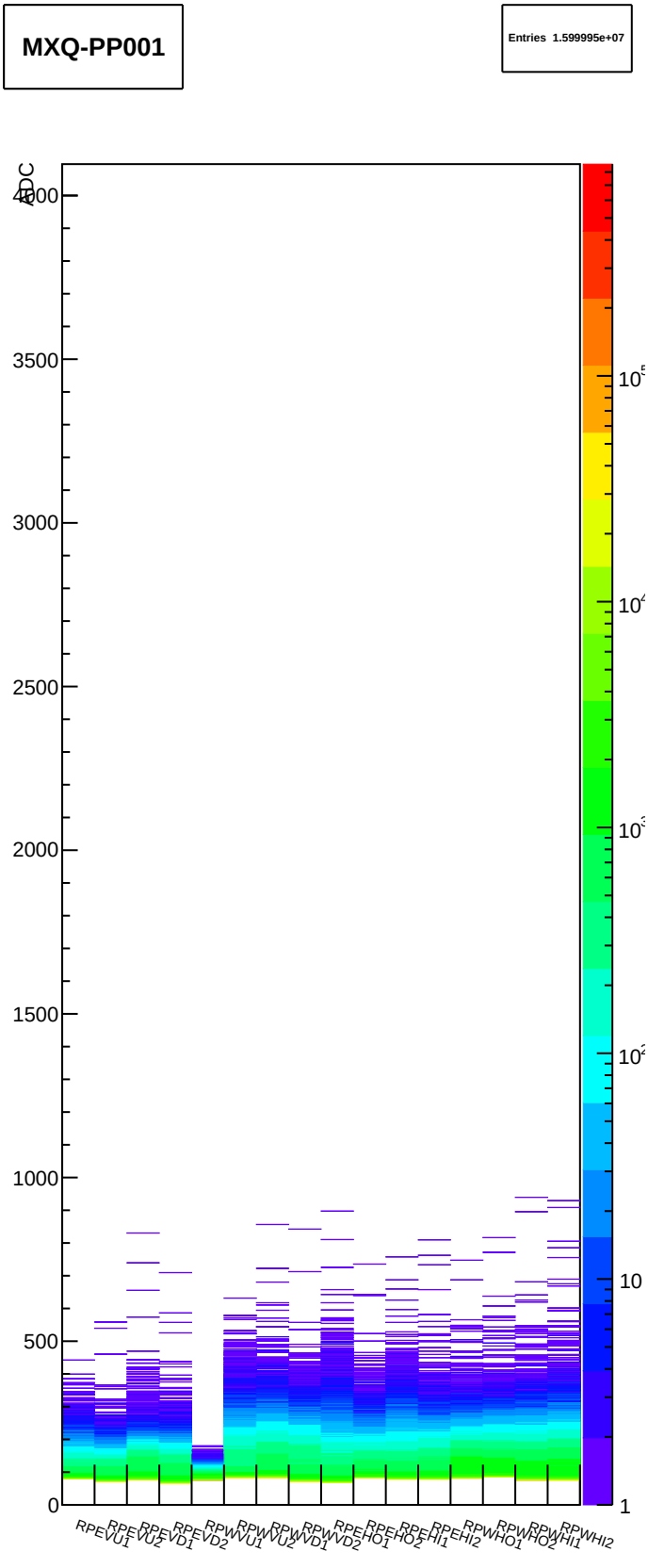

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1999994
TAC sum
1st-Best
2nd-Best
ID

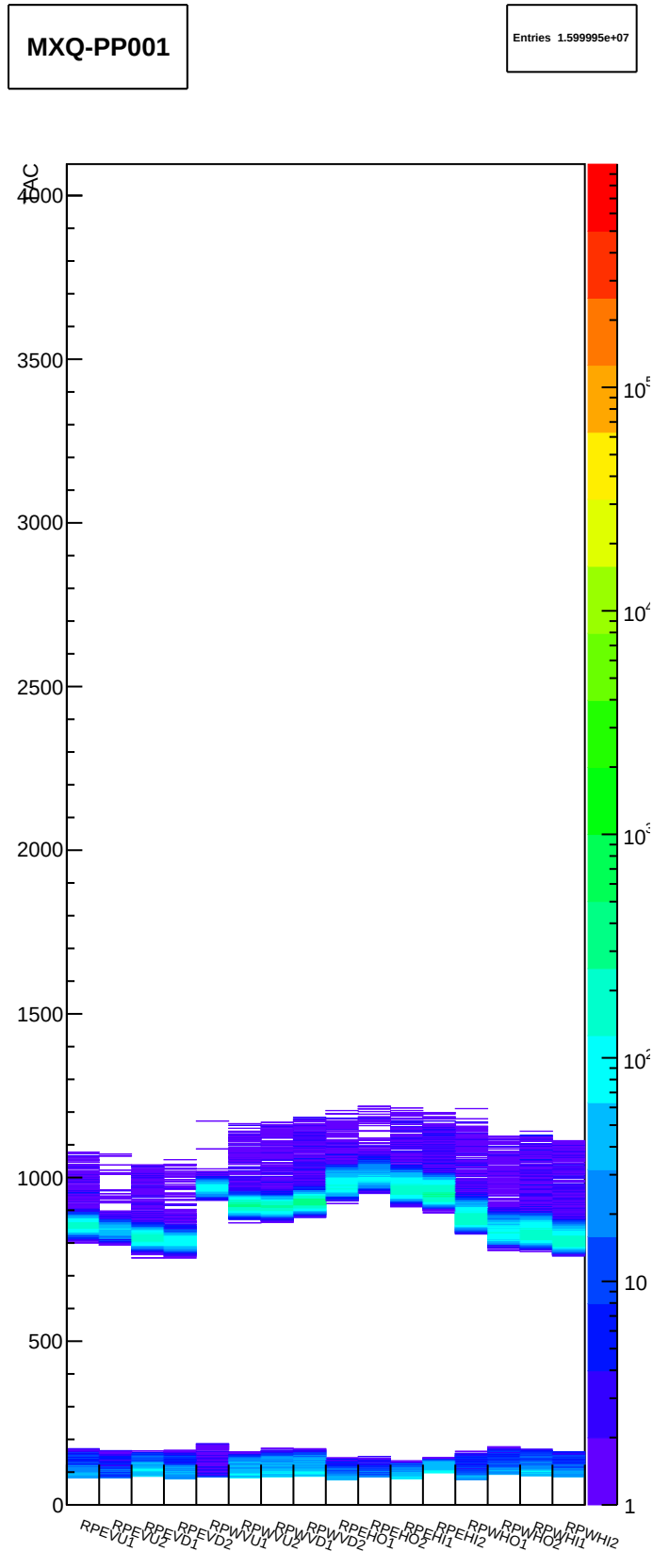

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1999994
TAC sum
1st-Best
2nd-Best
ID

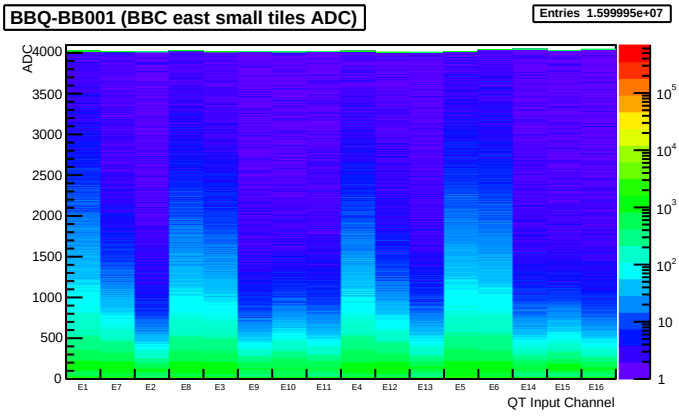

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1999994
TAC sum
1st-Best
2nd-Best
ID

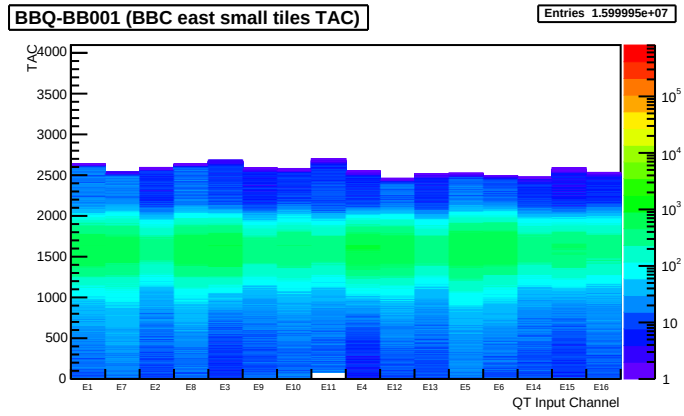

MIX-MT102 Input: VP003 Max TAC
Entries 999997

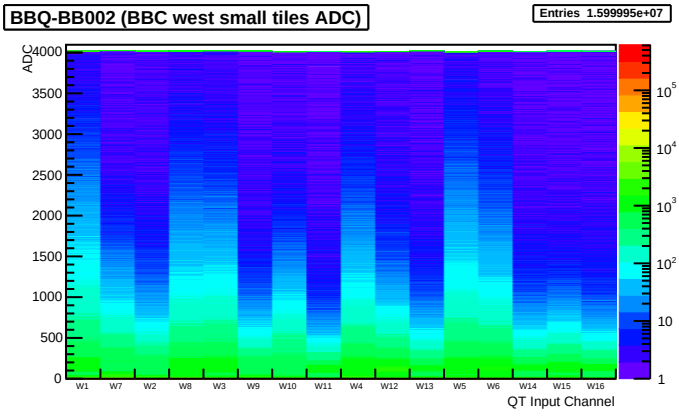

MIX-MT102 Input: VP004 Max TAC
Entries 999997

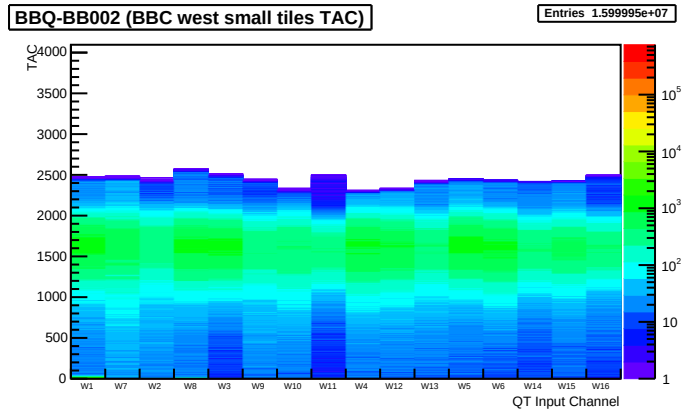

MXQ-PP001
Entries 1.599995e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

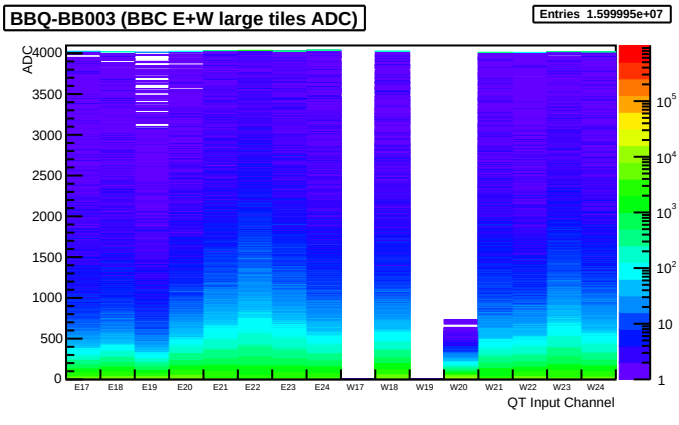

MXQ-PP001
Entries 1.599995e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

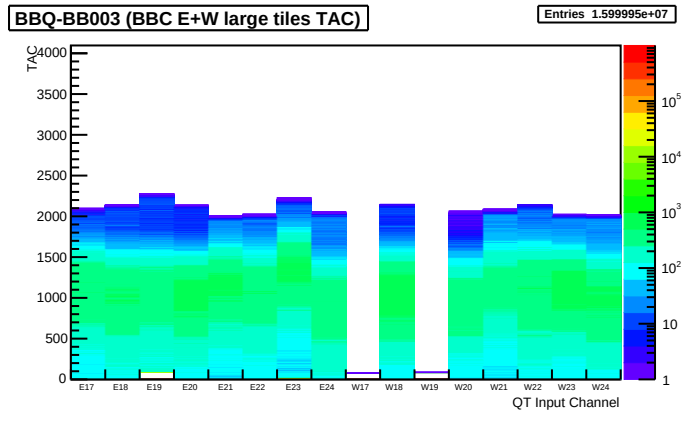

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.599995e+07
ADC
QT Input Channel

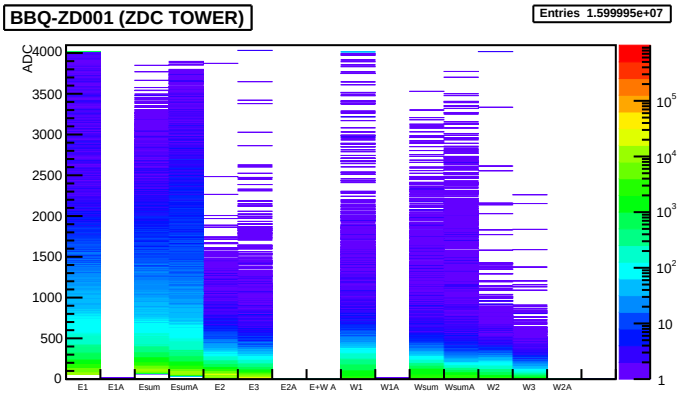

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.599995e+07
TAC
QT Input Channel

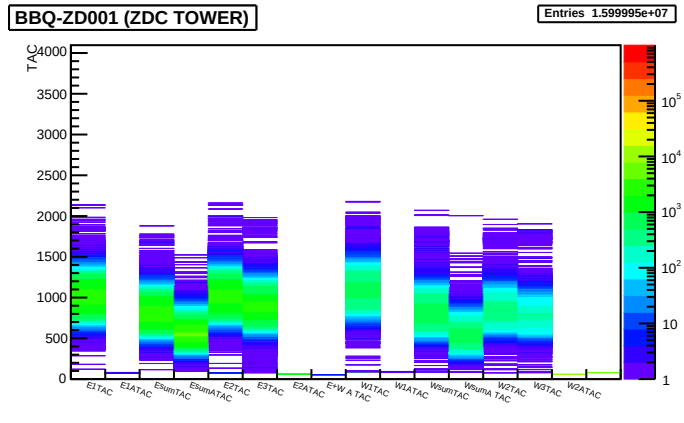

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.599995e+07
ADC
QT Input Channel

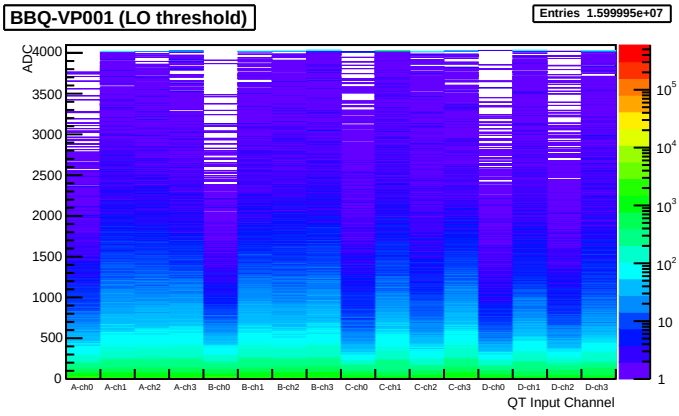

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.599995e+07
TAC
QT Input Channel

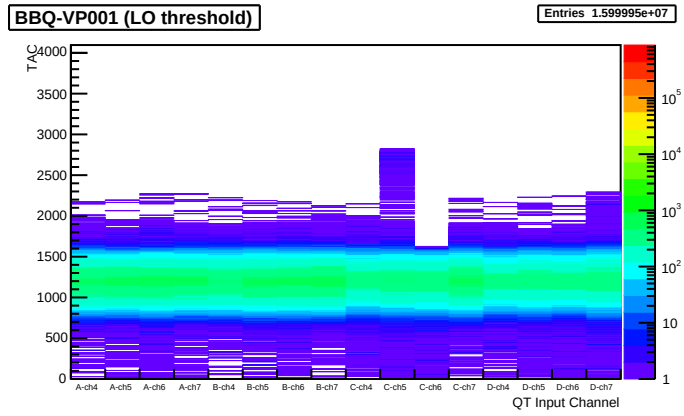

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.599995e+07
ADC
QT Input Channel

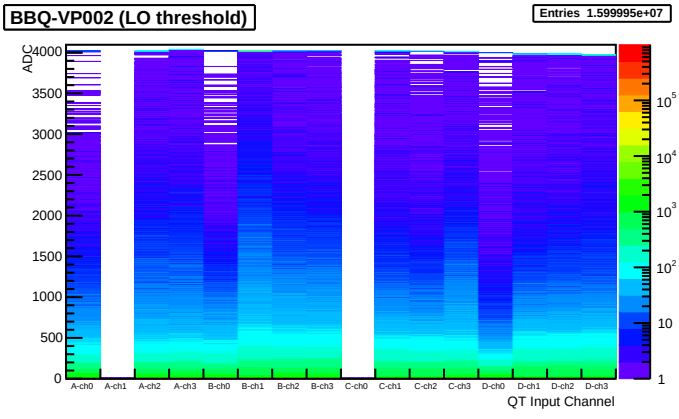

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.599995e+07
TAC
QT Input Channel

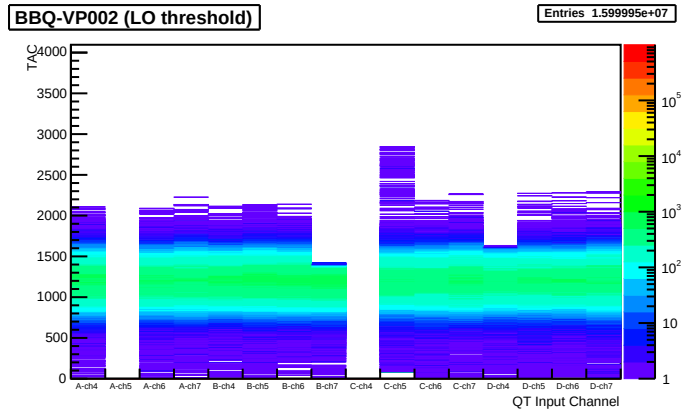

BBQ-ZD001 (ZDC TOWER)
Entries 1.599995e+07
ADC

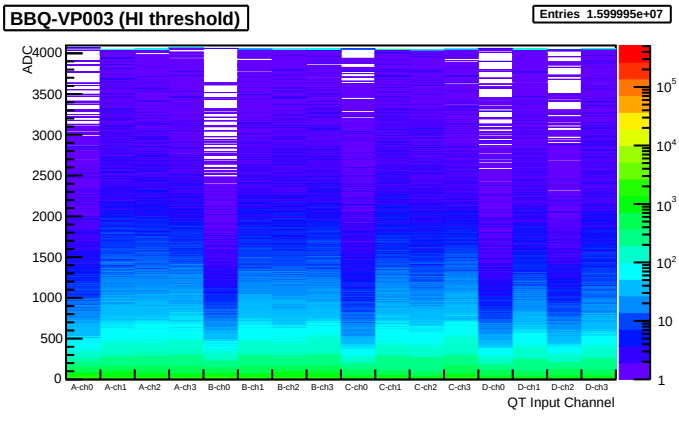

BBQ-ZD001 (ZDC TOWER)
Entries 1.599995e+07
TAC

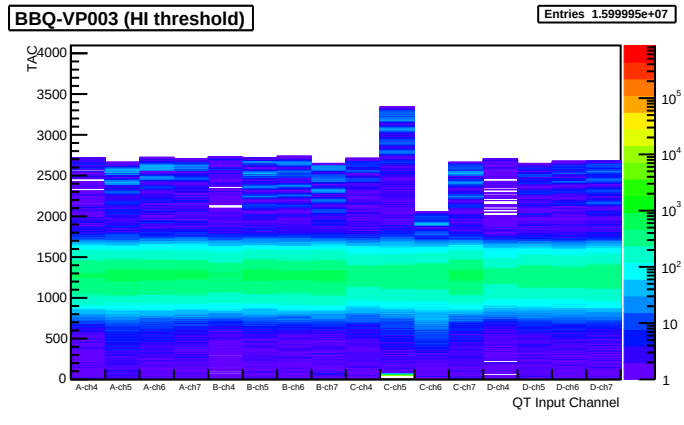

BBQ-VP001 (LO threshold)
Entries 1.599995e+07
ADC
QT Input Channel

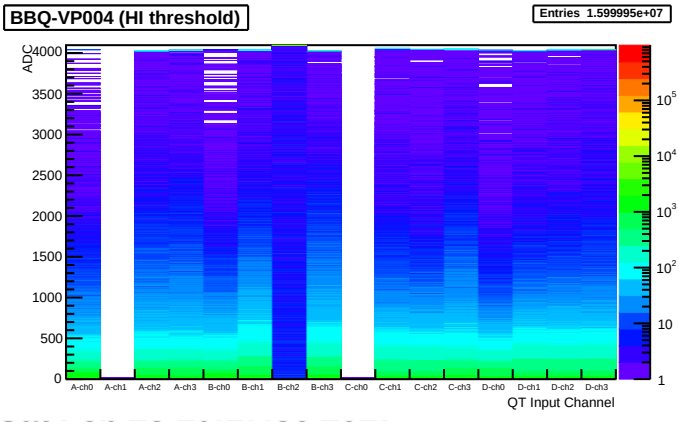

BBQ-VP001 (LO threshold)
Entries 1.599995e+07
TAC
QT Input Channel

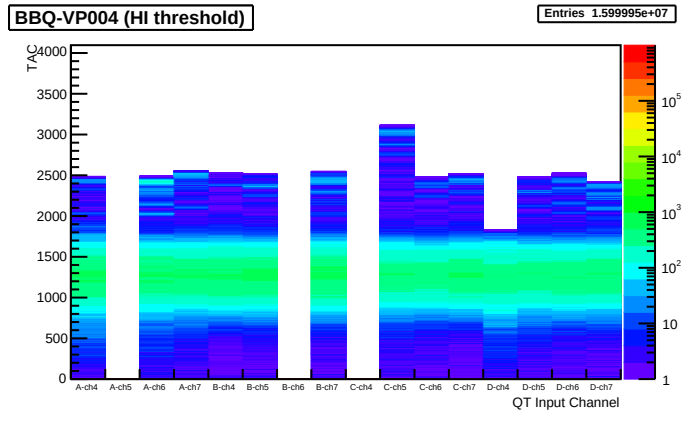

BBQ-VP002 (LO threshold)
Entries 1.599995e+07
ADC
QT Input Channel

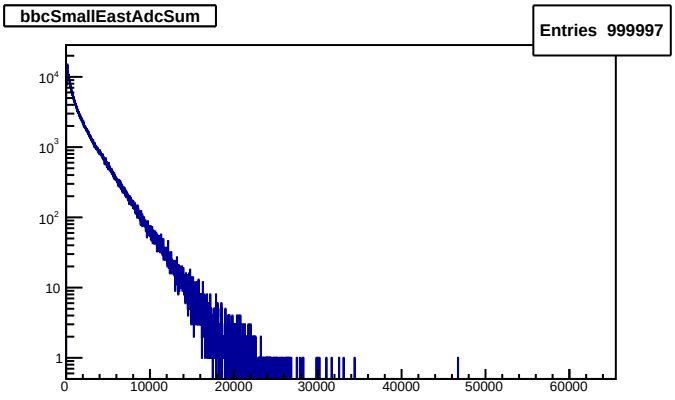

BBQ-VP002 (LO threshold)
Entries 1.599995e+07
TAC
QT Input Channel

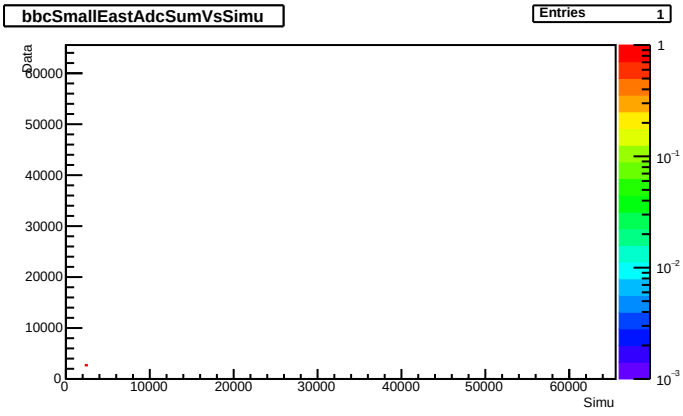

BBQ-VP003 (HI threshold)
Entries 1.599995e+07
ADC
QT Input Channel

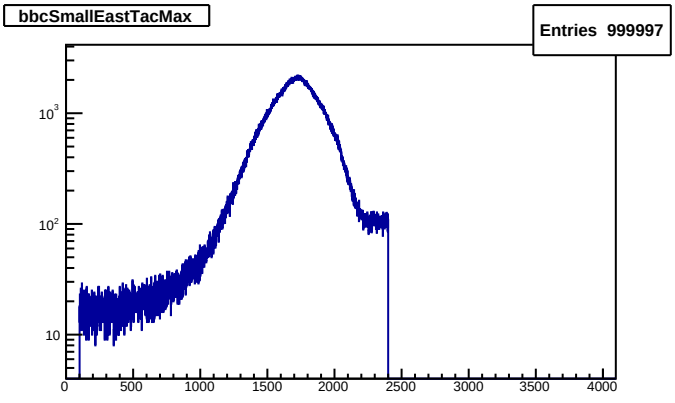

BBQ-VP003 (HI threshold)
Entries 1.599995e+07
TAC
QT Input Channel

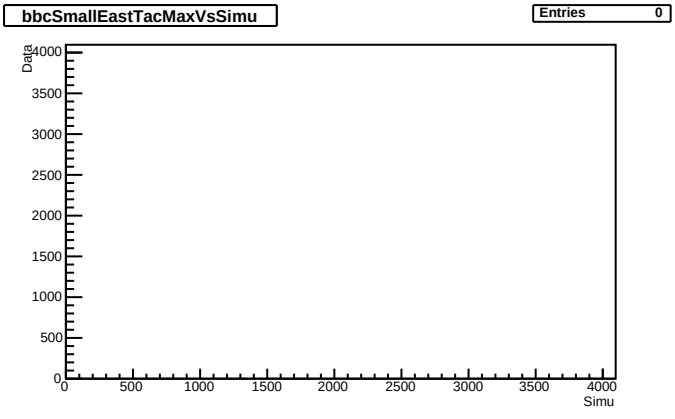

BBQ-VP004 (HI threshold)
Entries 1.599995e+07
ADC
QT Input Channel

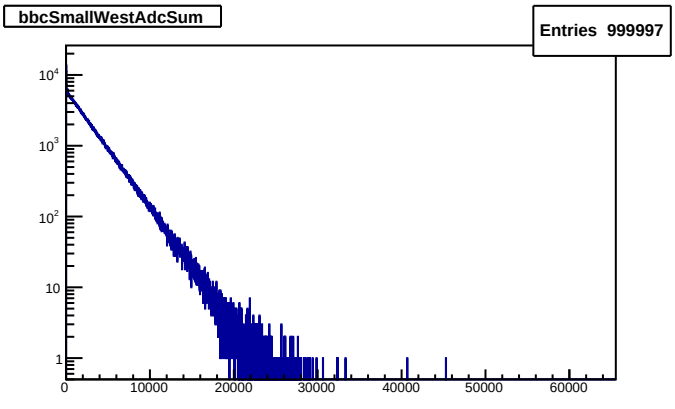

BBQ-VP004 (HI threshold)
Entries 1.599995e+07
TAC
QT Input Channel

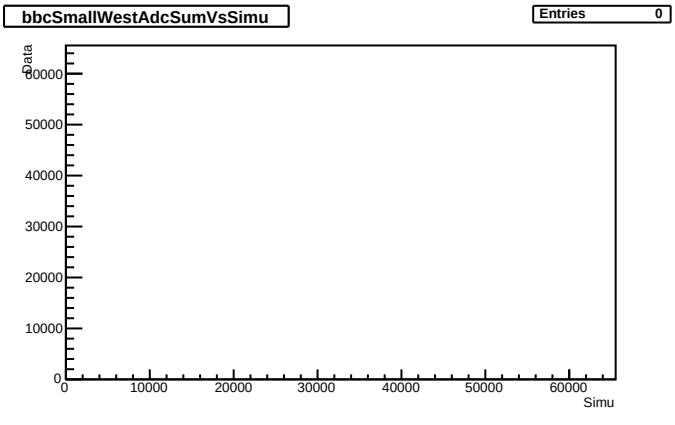

bbcSmallEastAdcSum
Entries 999997

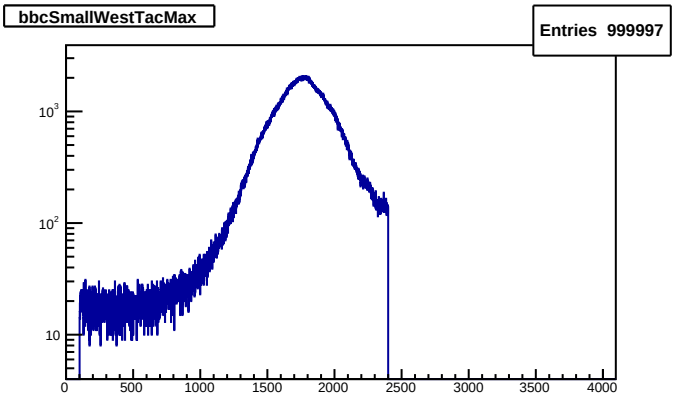

bbcSmallEastAdcSumVsSimu
Entries 1
Data
Simu

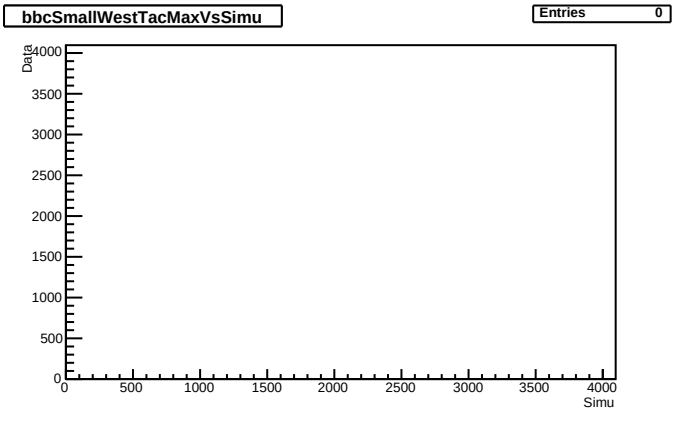

bbcSmallEastTacMax
Entries 999997

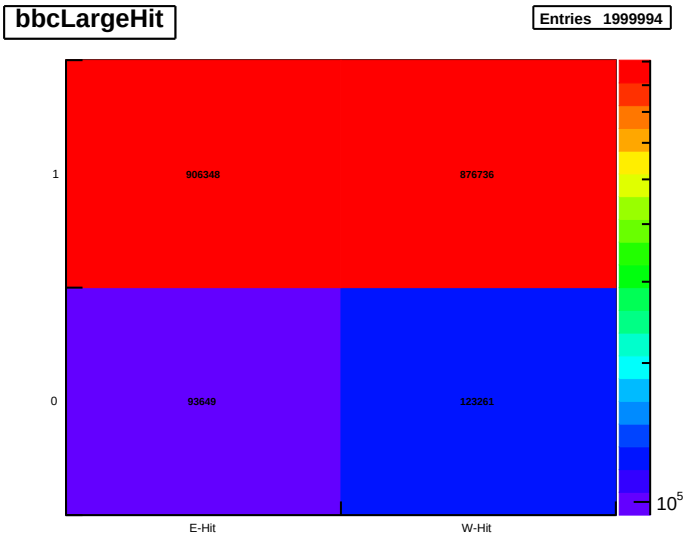

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

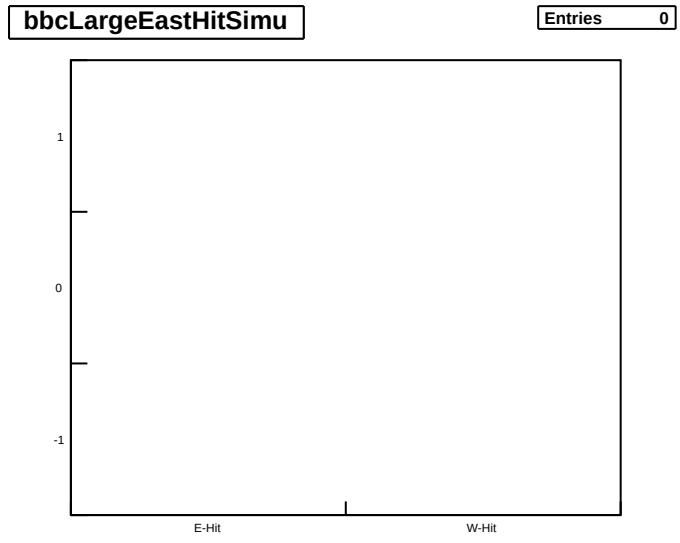

bbcSmallWestAdcSum
Entries 999997

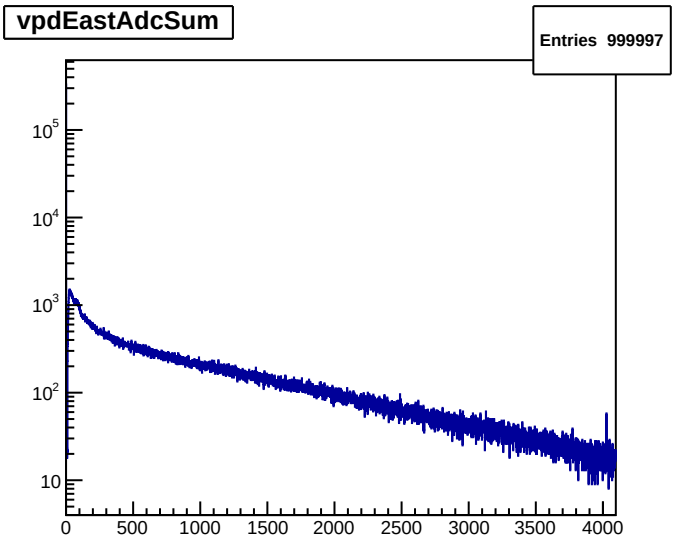

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

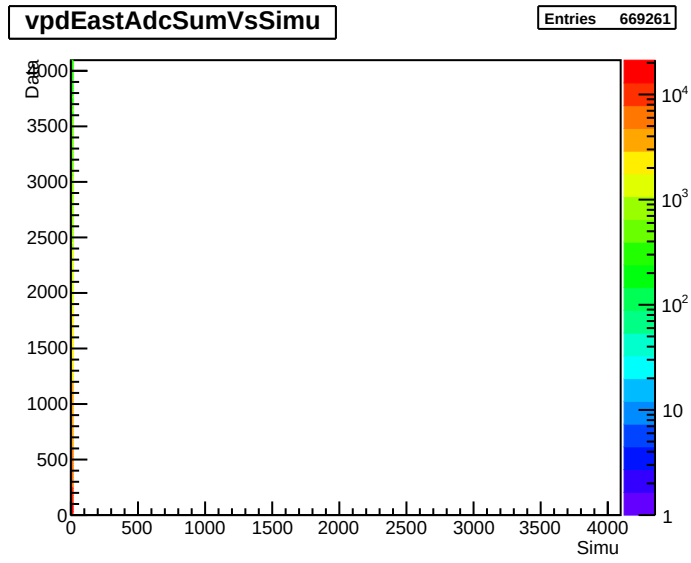

bbcSmallWestTacMax
Entries 999997

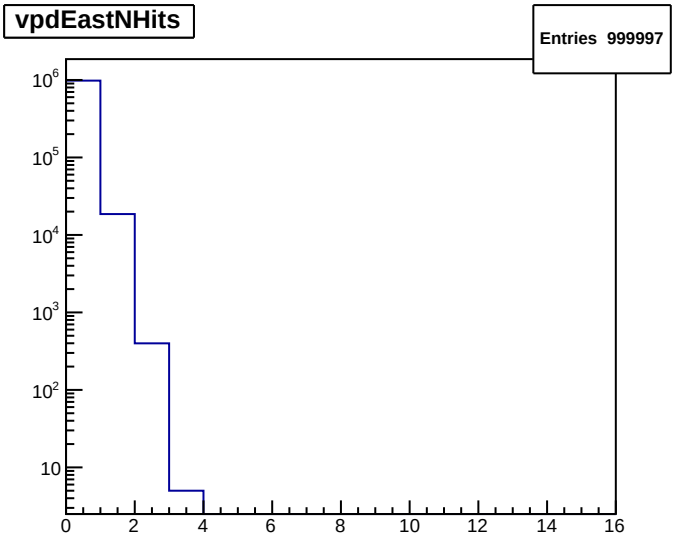

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

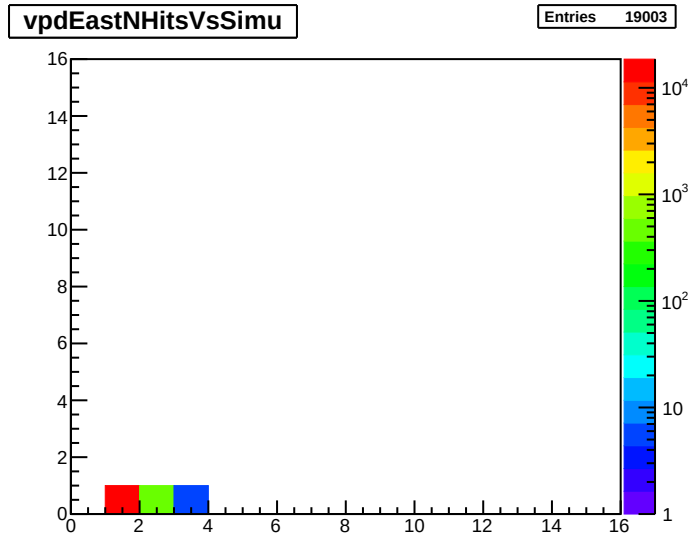

bbcLargeHit
Entries 1999994
1
0
906348
876736
93649
123261
E-Hit
W-Hit
10^5

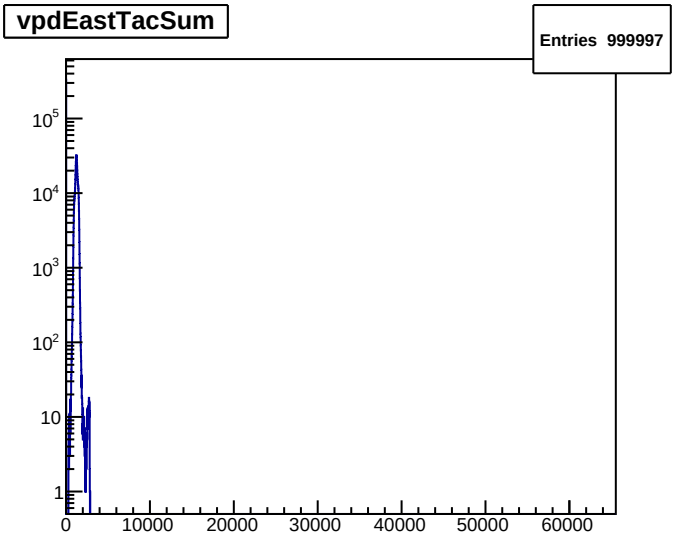

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

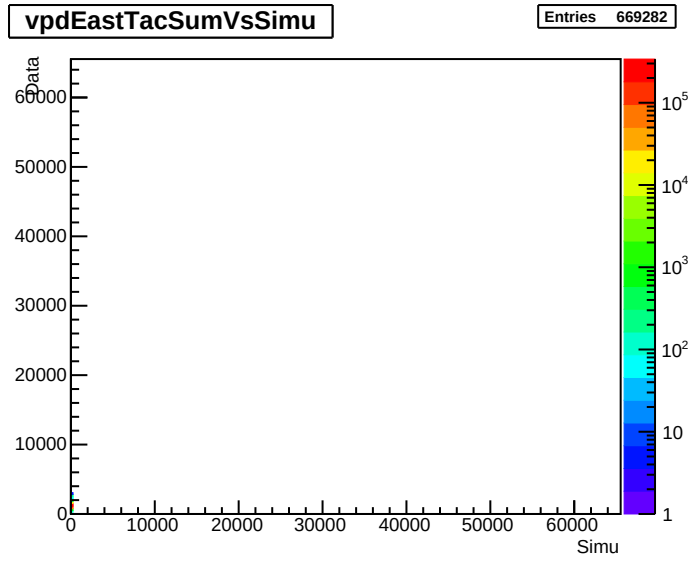

vpdEastAdcSum
Entries 999997

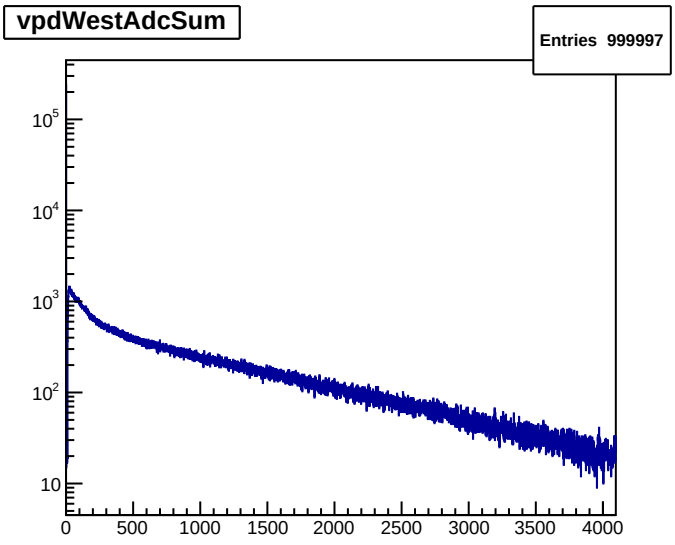

vpdEastAdcSumVsSimu
Entries 669261
Data
Simu

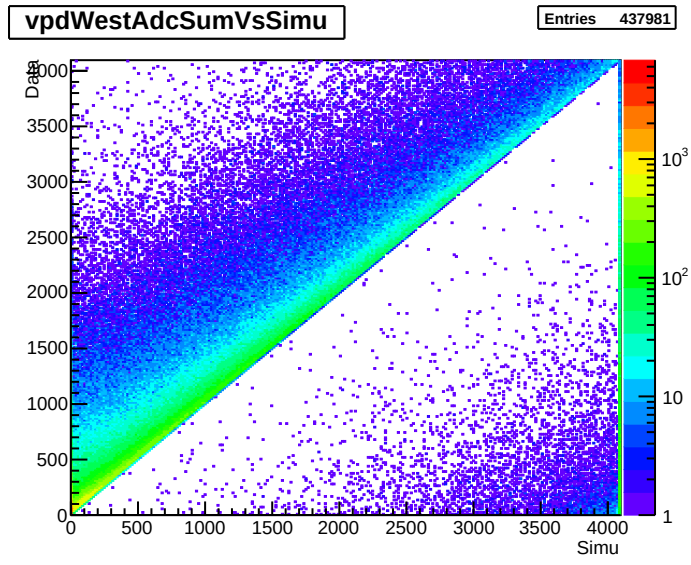

vpdEastNHits
Entries 999997

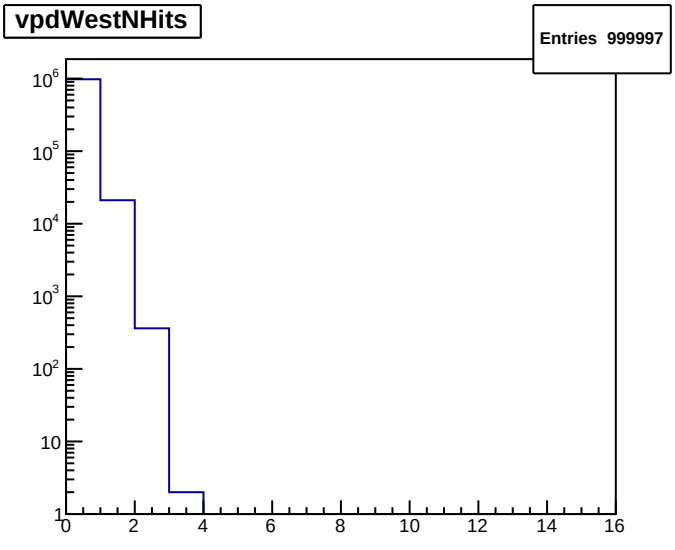

vpdEastNHitsVsSimu
Entries 19003

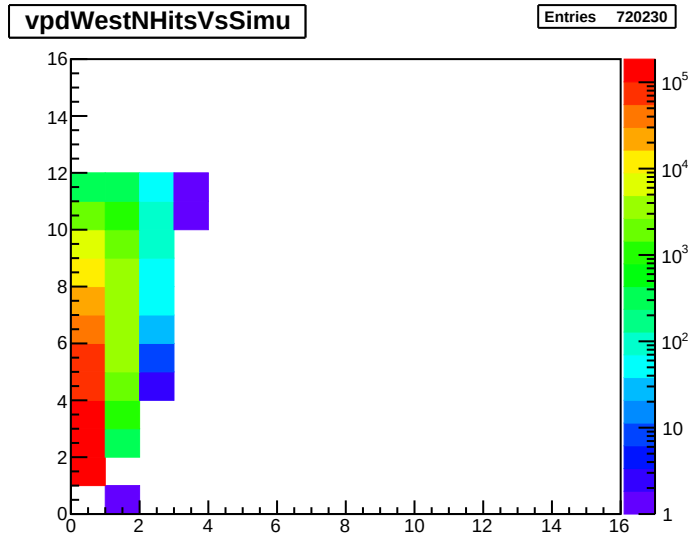

vpdEastTacSum
Entries 999997

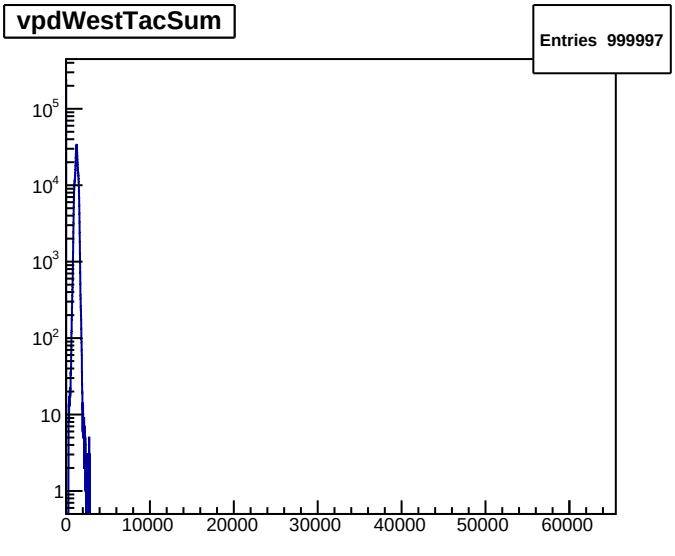

vpdEastTacSumVsSimu
Entries 669282
Data
Simu

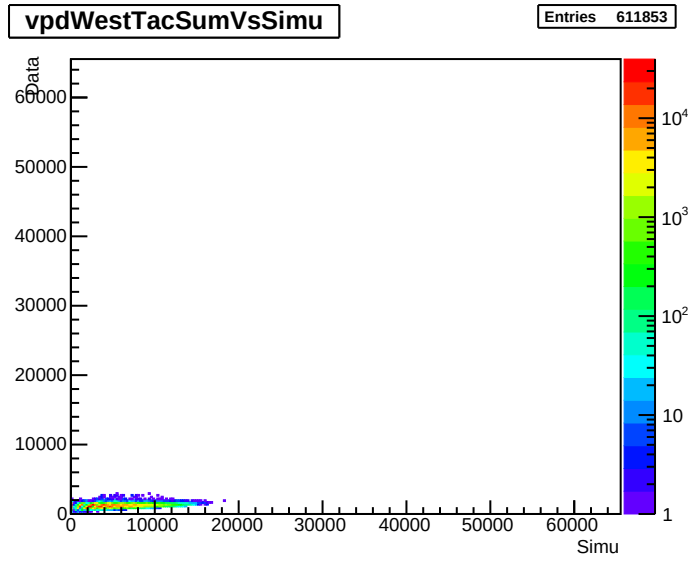

vpdWestAdcSum
Entries 999997

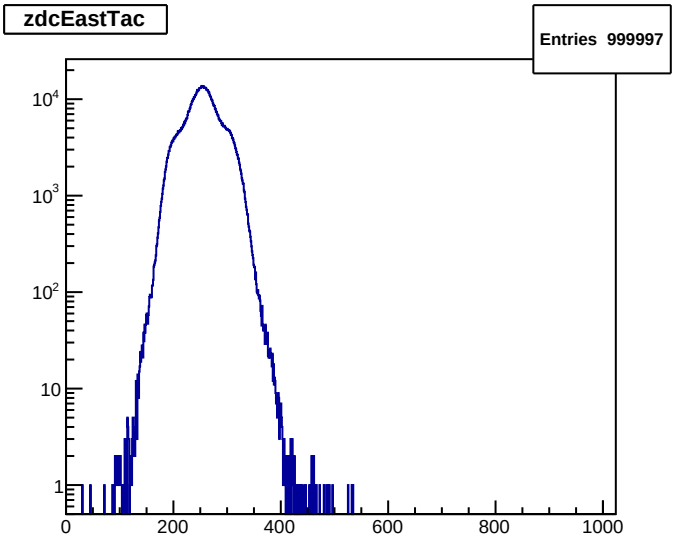

vpdWestAdcSumVsSimu
Entries 437981
Data
Simu

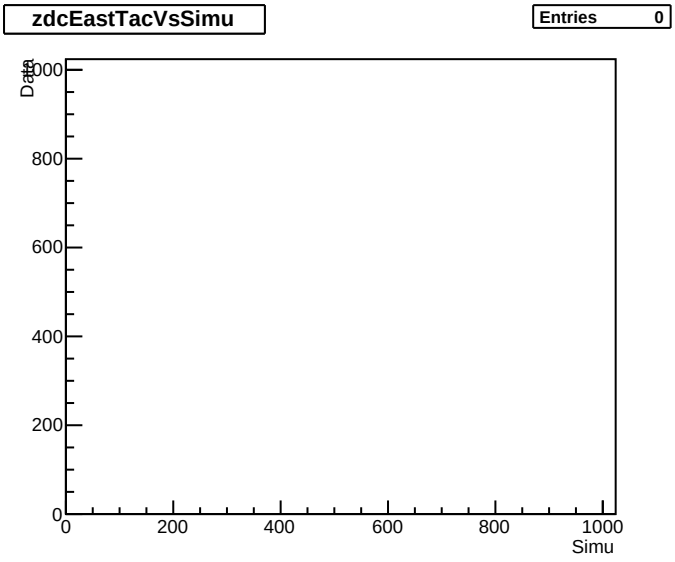

vpdWestNHits
Entries 999997

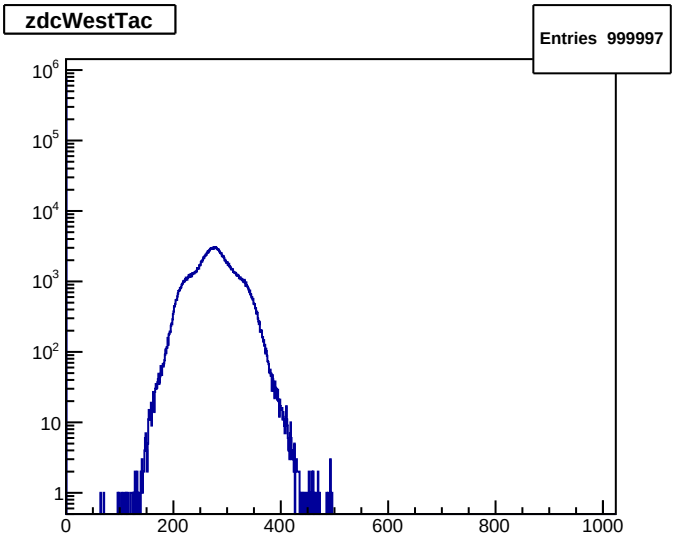

vpdWestNHitsVsSimu
Entries 720230

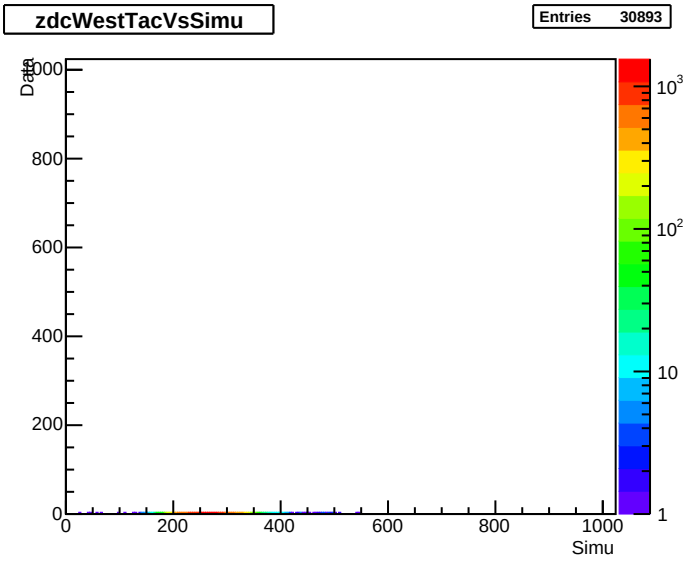

vpdWestTacSum
Entries 999997

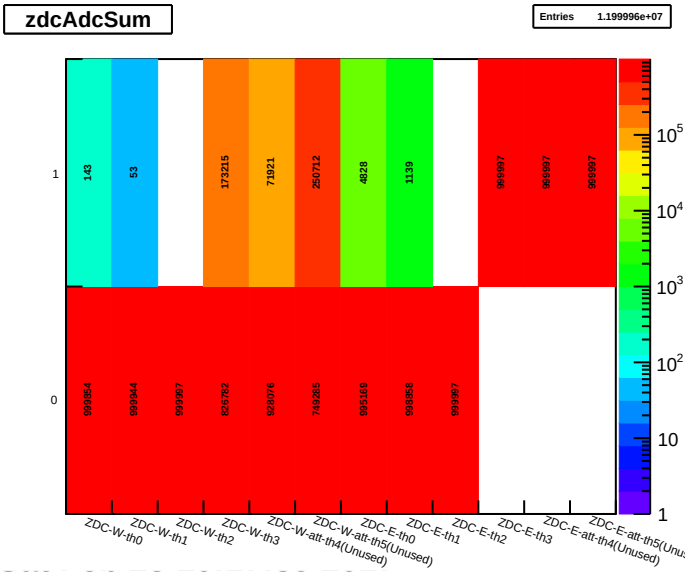

vpdWestTacSumVsSimu
Entries 611853
Data
Simu

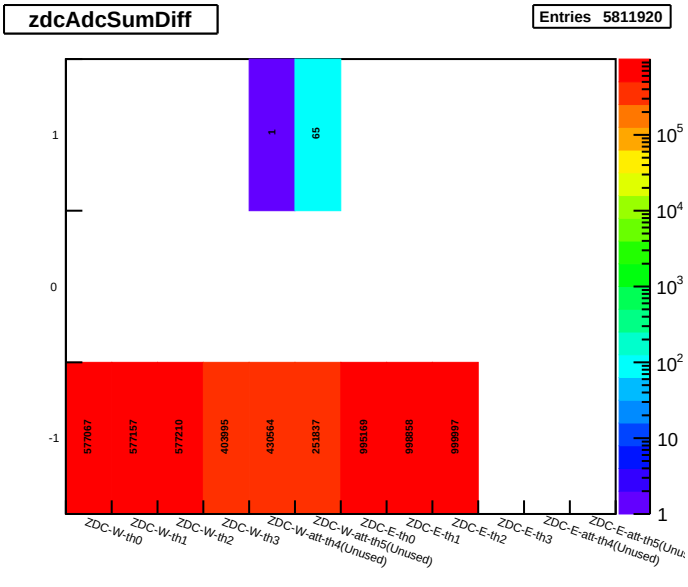

zdcEastTac
Entries 999997

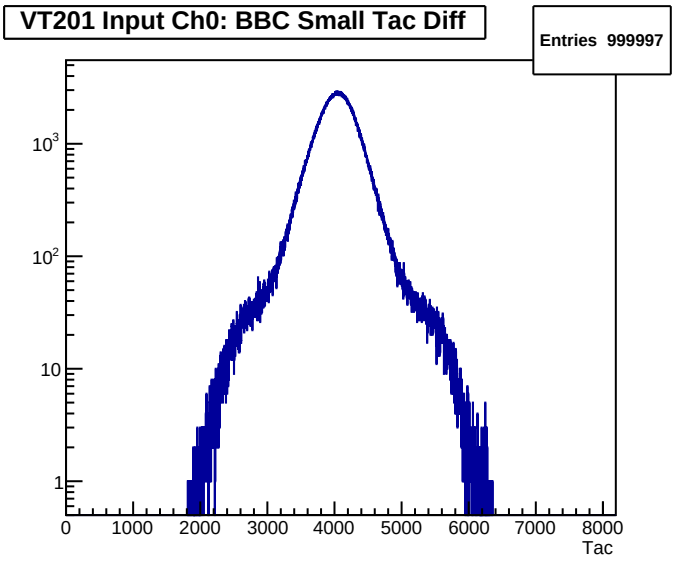

zdcEastTacVsSimu
Entries 0
Data
Simu

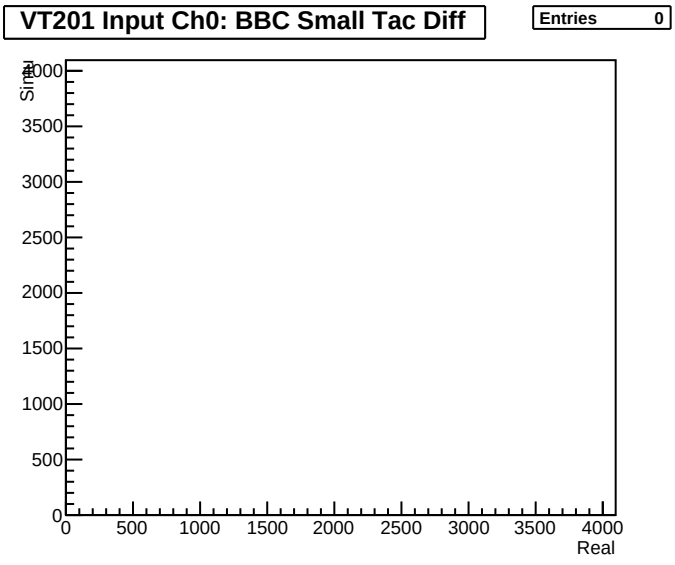

zdcWestTac
Entries 999997

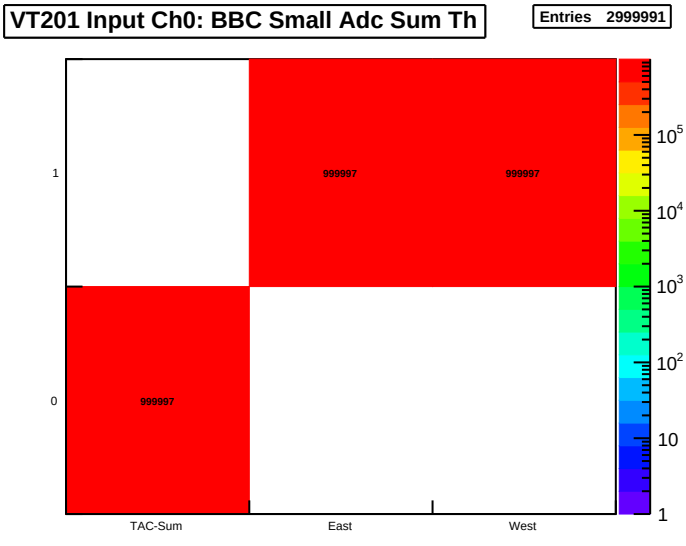

zdcWestTacVsSimu
Entries 30893
Data
Simu

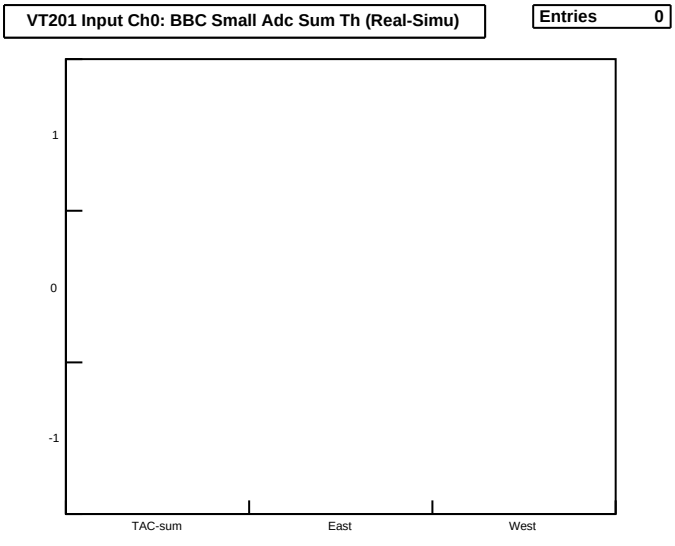

zdcAdcSum
Entries 1.199996e+07
143
53
173215
71921
250712
4828
1139
999997
999997
999997
999854
999944
999997
826782
928076
749285
995169
998858
999997
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

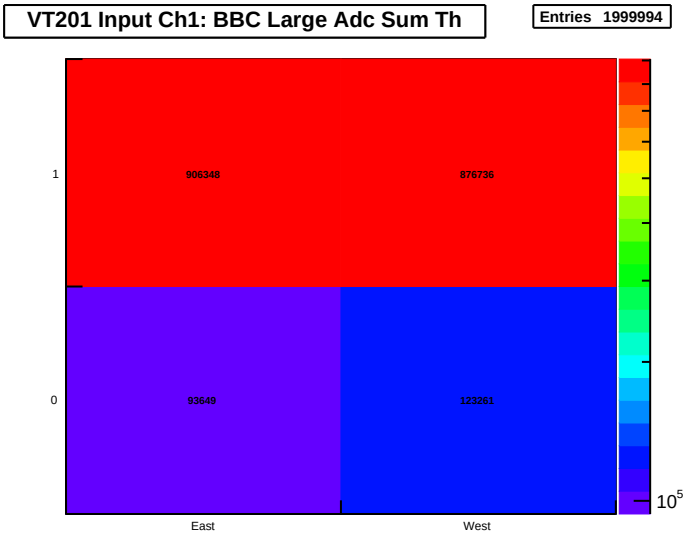

zdcAdcSumDiff
Entries 5811920
1
65
577067
577157
577210
403995
430564
251837
995169
998858
999997
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

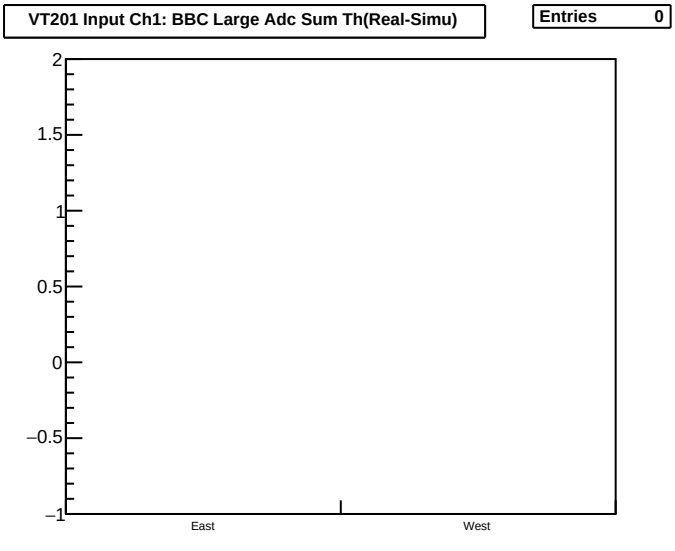

VT201 Input Ch0: BBC Small Tac Diff
Entries 999997
Tac


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

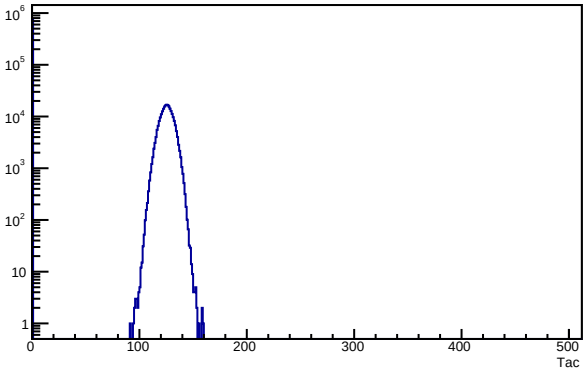

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2999991
999997
999997
999997
TAC-Sum
East
West


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

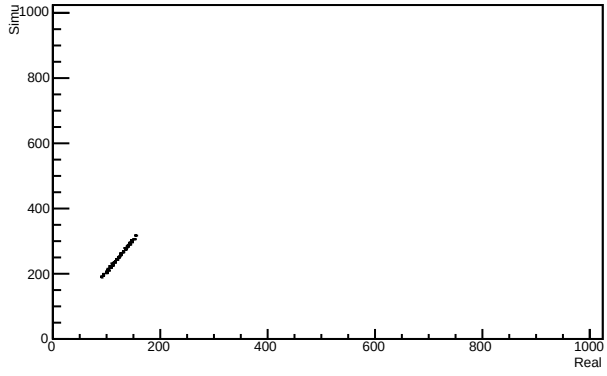

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1999994
906348
876736
93649
123261
East
West


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

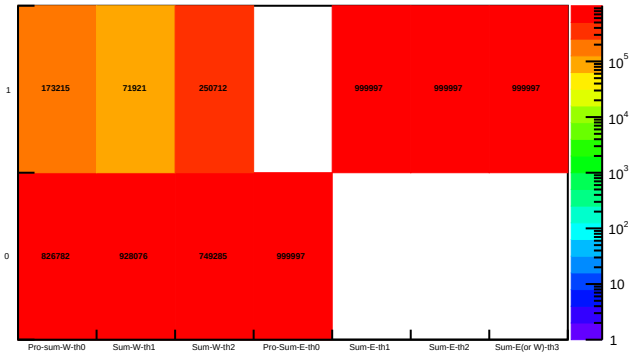
VT201 Input Ch2: ZDC Tac Diff



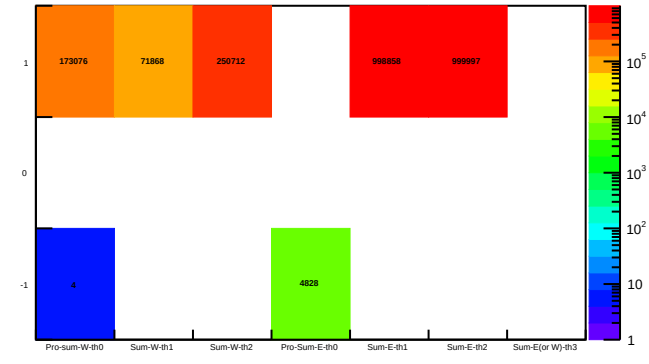
VT201 Input Ch2: ZDC Tac Diff



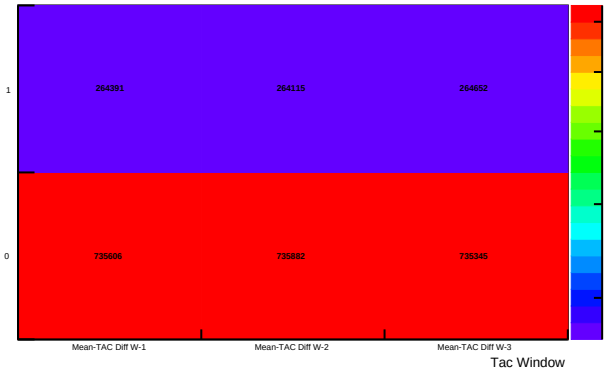
VT201 Input Ch2: ZDC Adc Sum Th



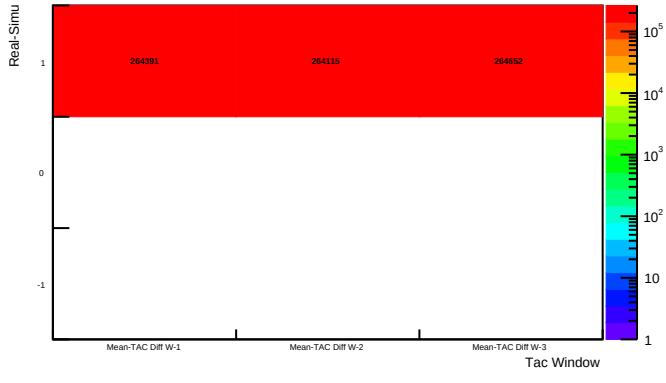
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



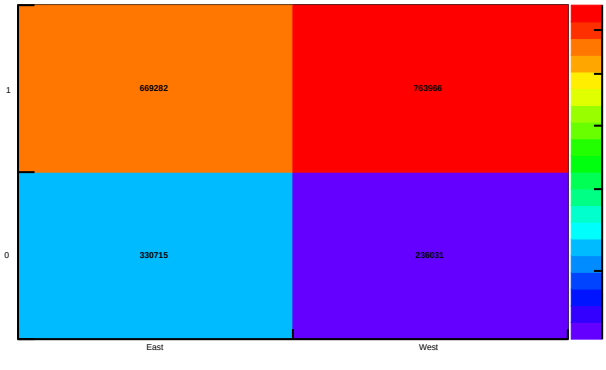
VT201 Input Ch4: VPD Tac Diff



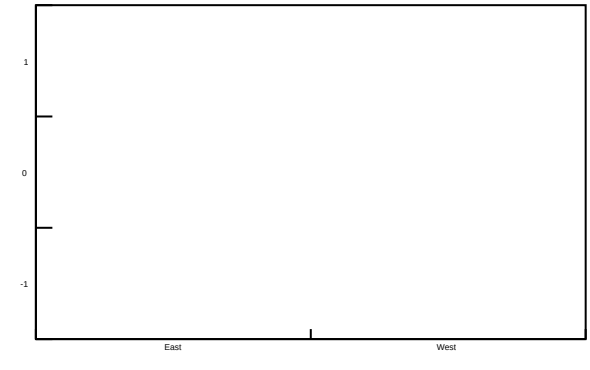
VT201 Input Ch4: VPD Tac Diff

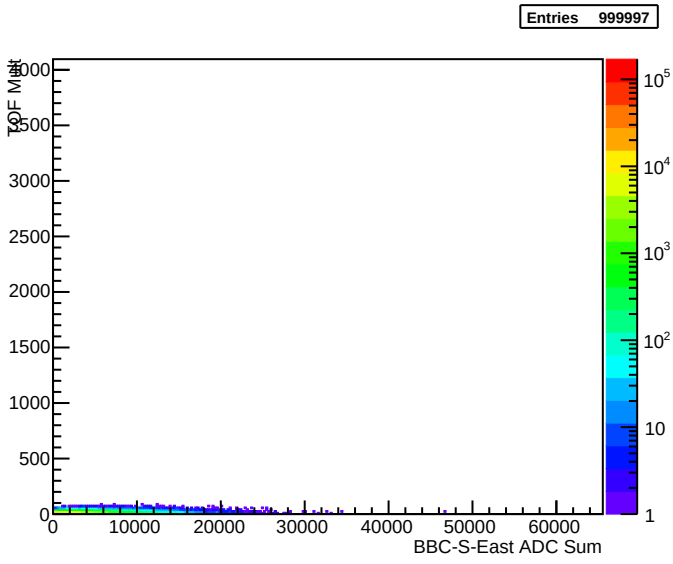


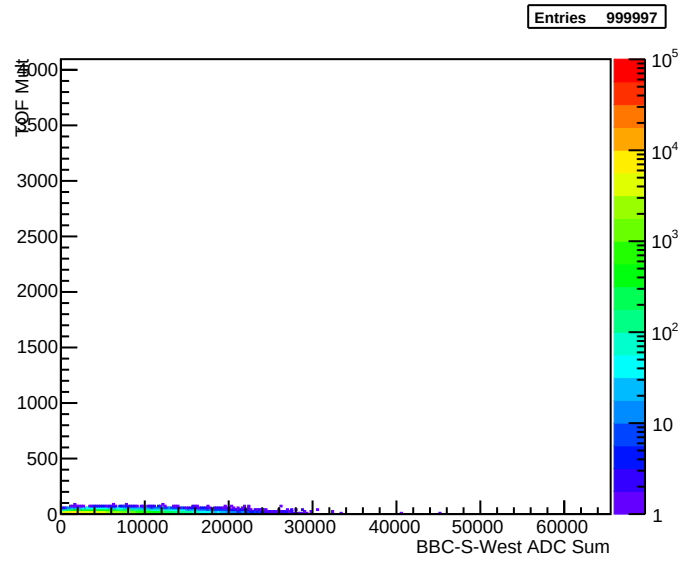
VT201 Input Ch4: VPD Adc Sum Th

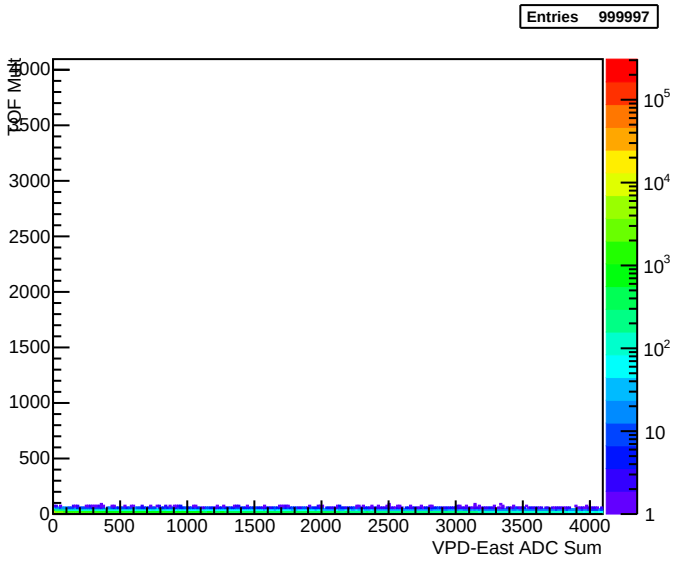


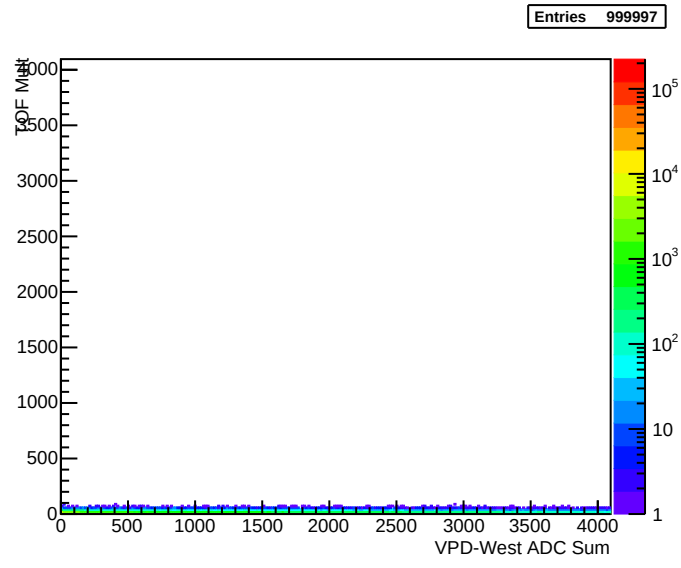
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

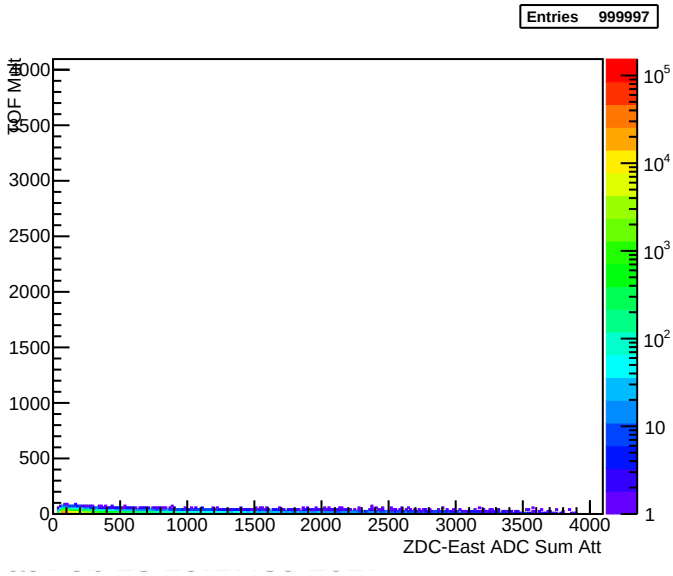


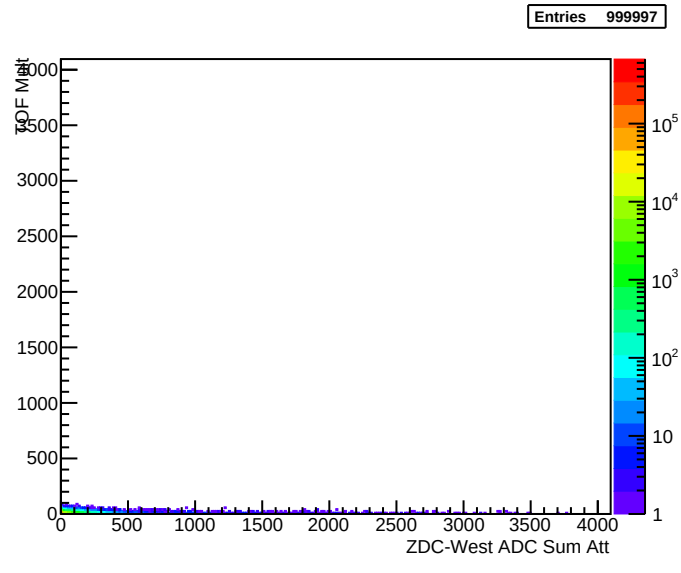

Entries 999997
TOF Mult
BBC-S-East ADC Sum

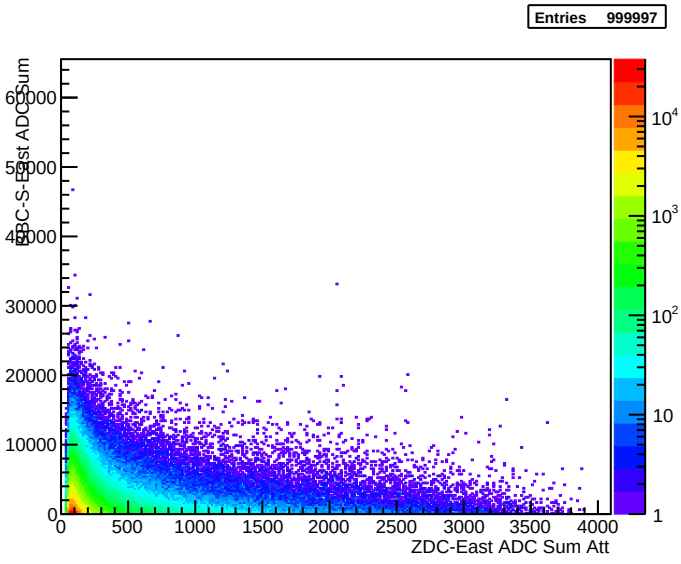

Entries 999997
TOF Mult
BBC-S-West ADC Sum

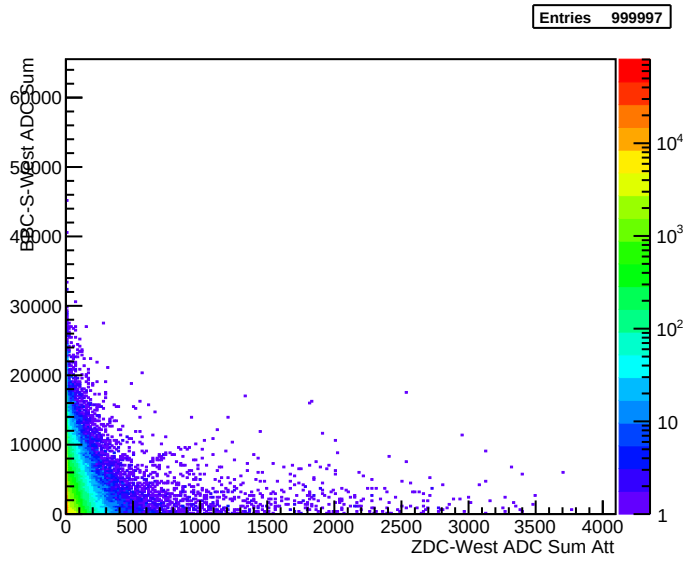

Entries 999997
TOF Mult
VPD-East ADC Sum

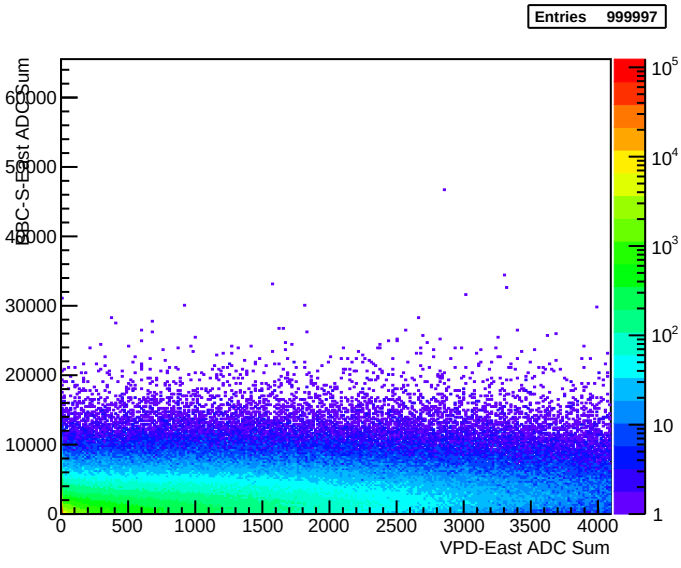

Entries 999997
TOF Mult
VPD-West ADC Sum

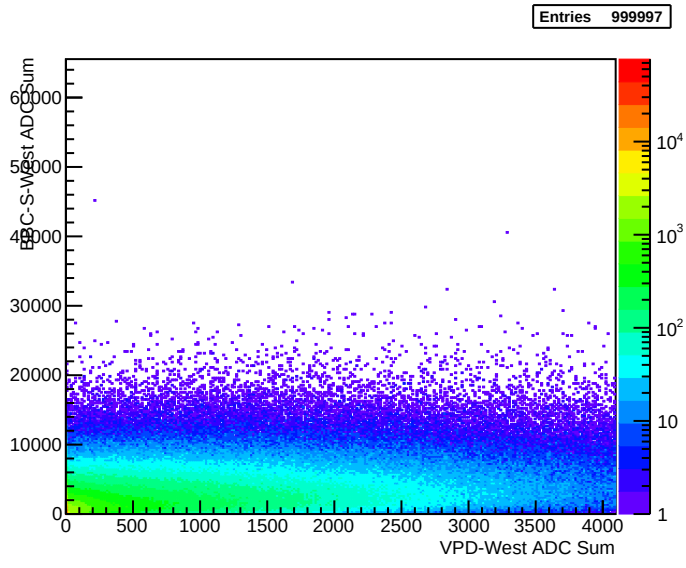

Entries 999997
TOF Mult
ZDC-East ADC Sum Att

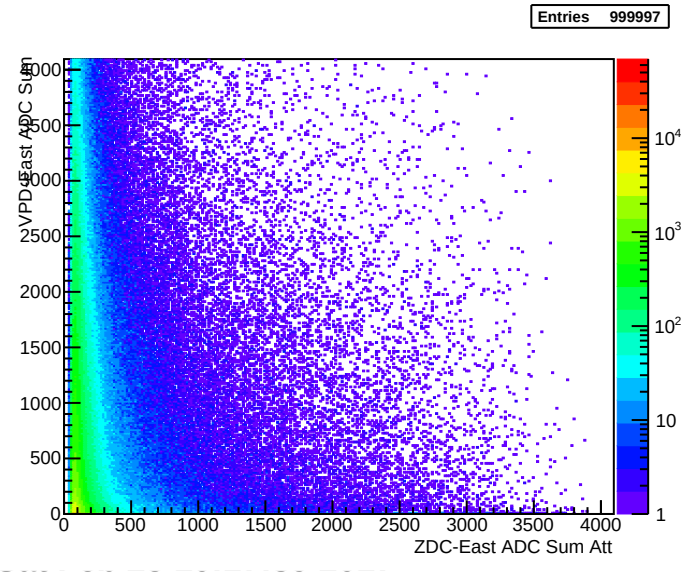

Entries 999997
TOF Mult
ZDC-West ADC Sum Att

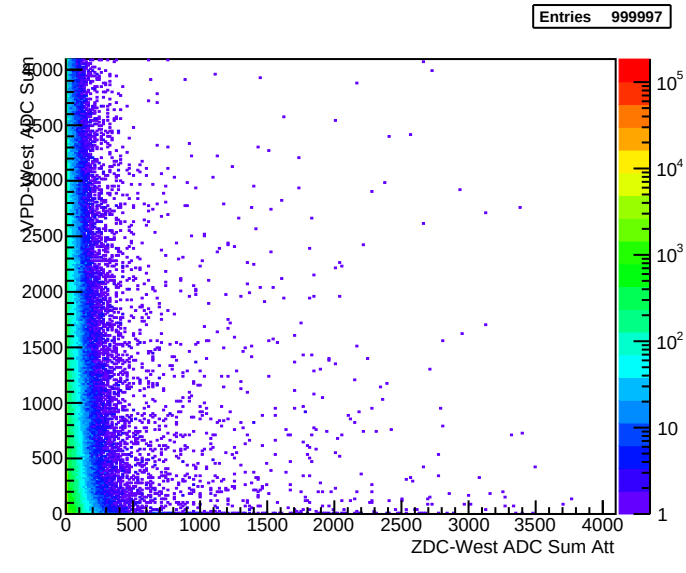

Entries 999997
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

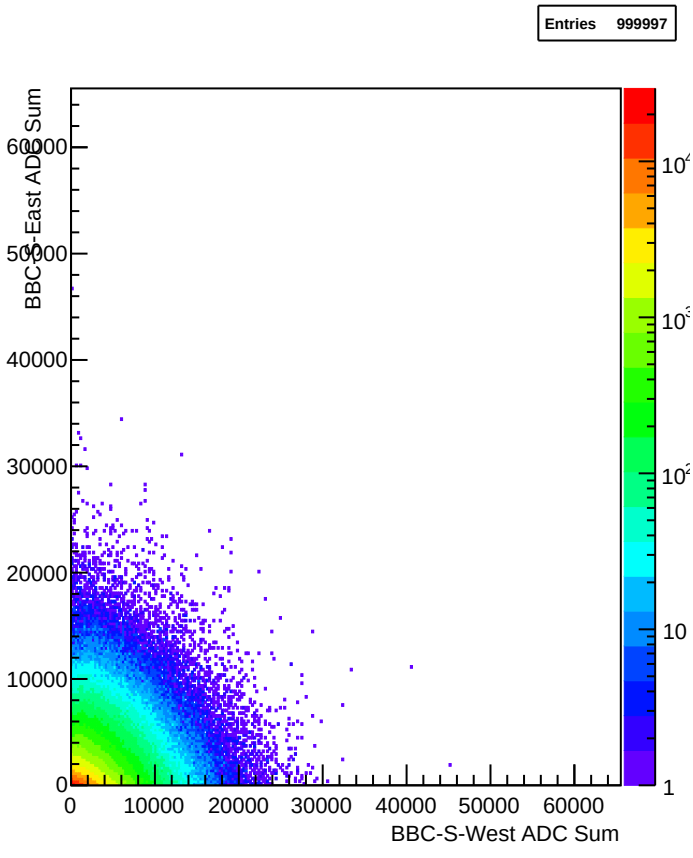

Entries 999997
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

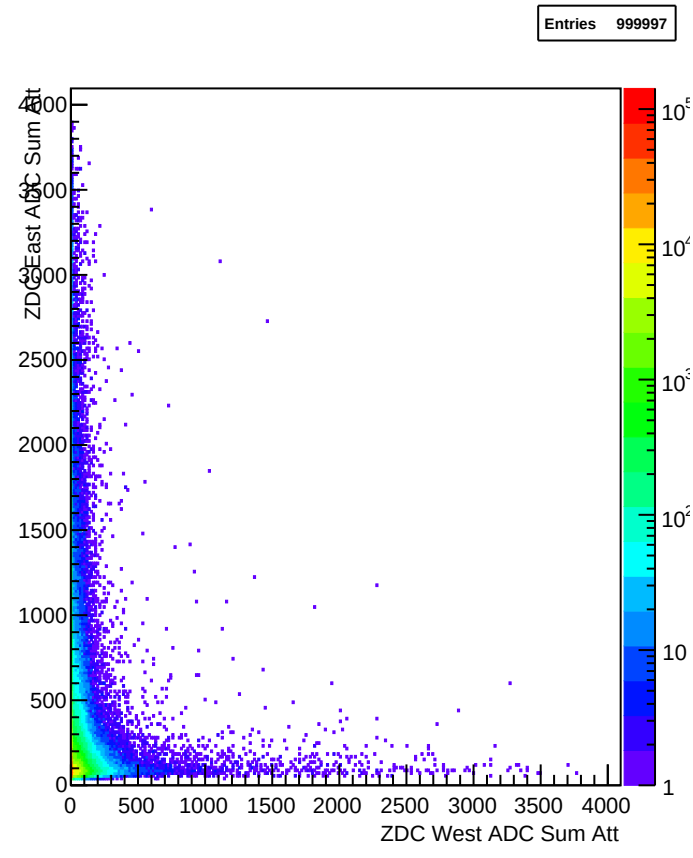

Entries 999997
BBC-S-East ADC Sum
VPD-East ADC Sum

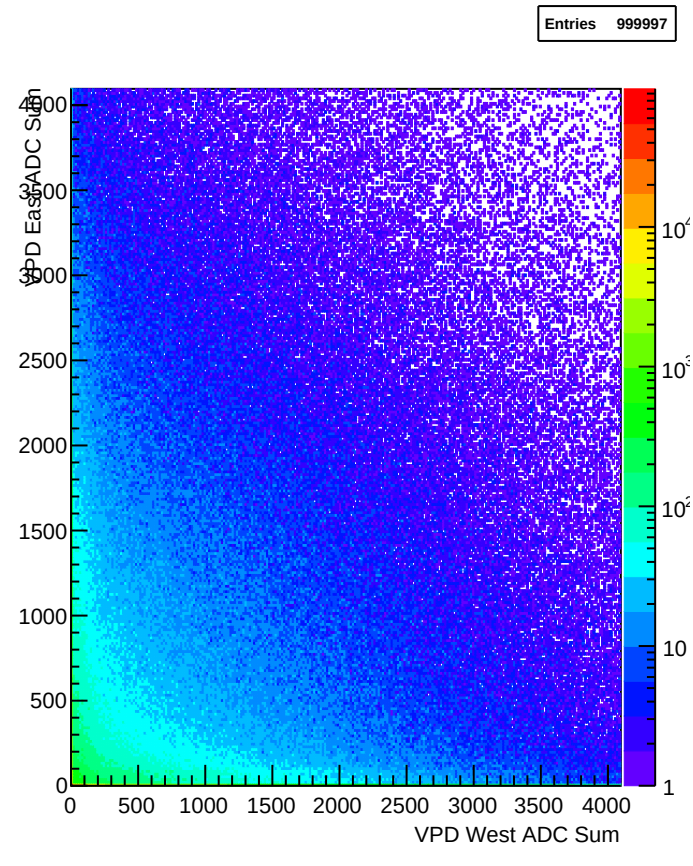

Entries 999997
BBC-S-West ADC Sum
VPD-West ADC Sum

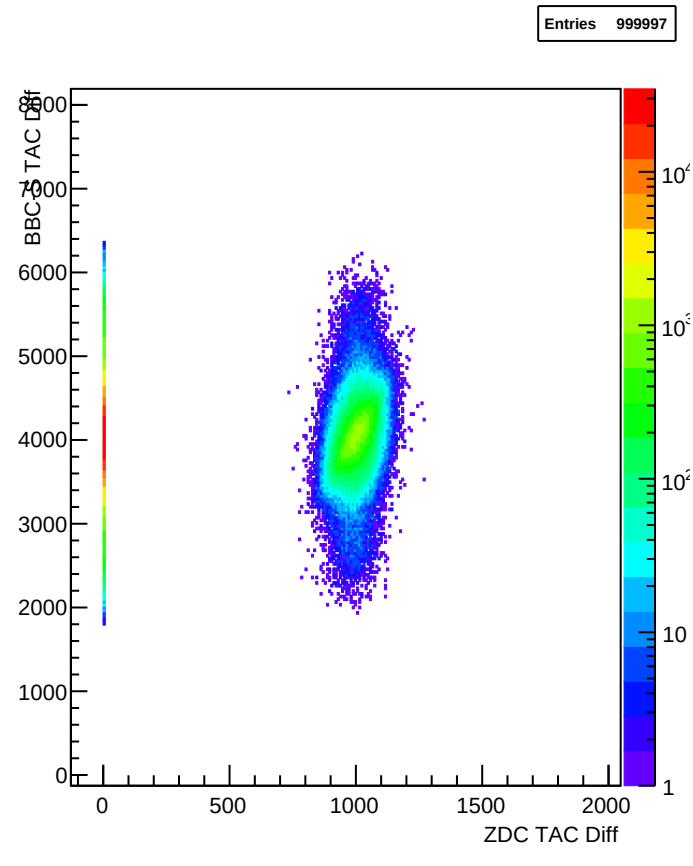

Entries 999997
VPD-East ADC Sum
ZDC-East ADC Sum Att

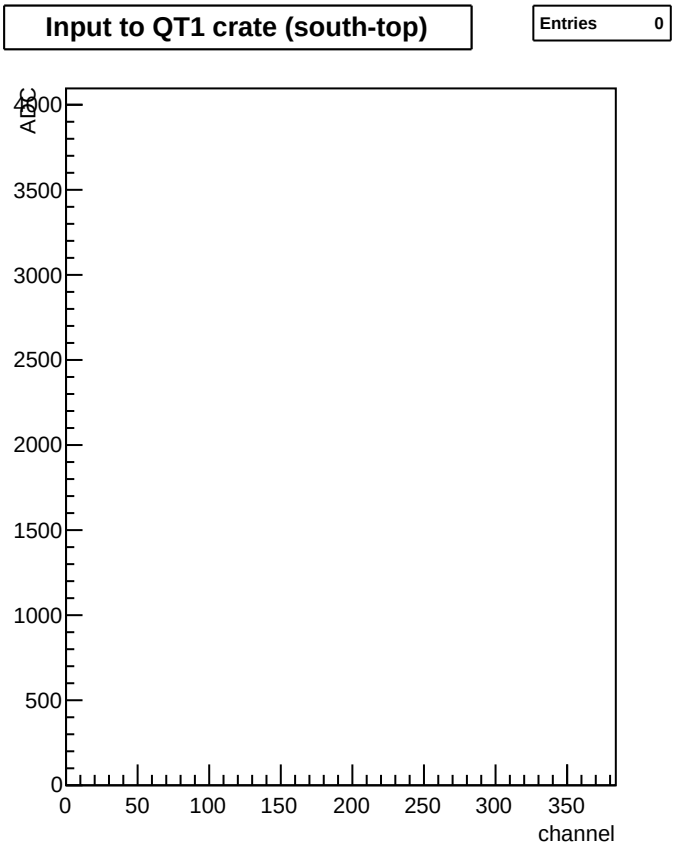

Entries 999997
VPD-West ADC Sum
ZDC-West ADC Sum Att

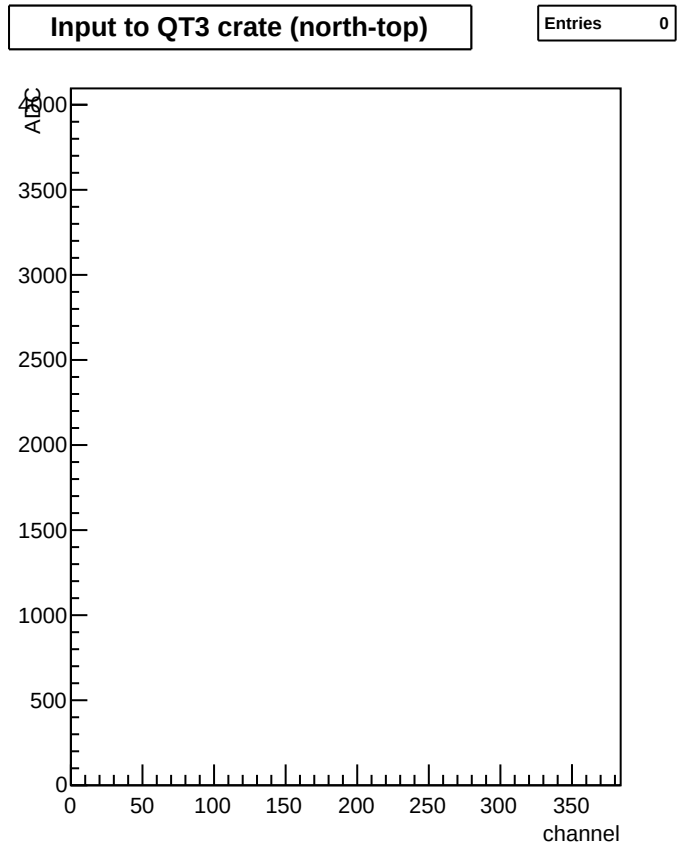

Entries 999997
BBC-S-East ADC Sum
BBC-S-West ADC Sum

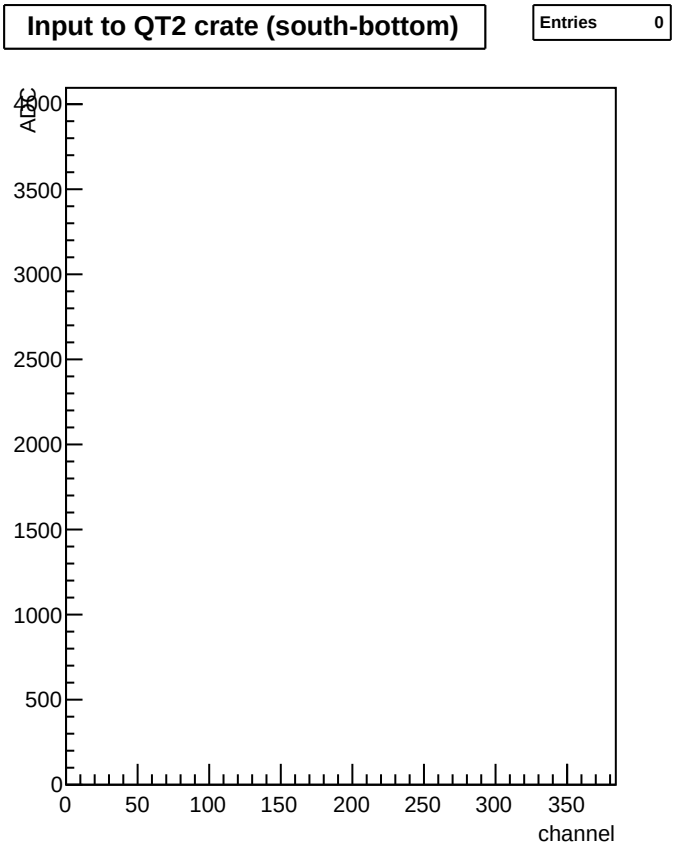

Entries 999997
ZDC East ADC Sum Att
ZDC West ADC Sum Att

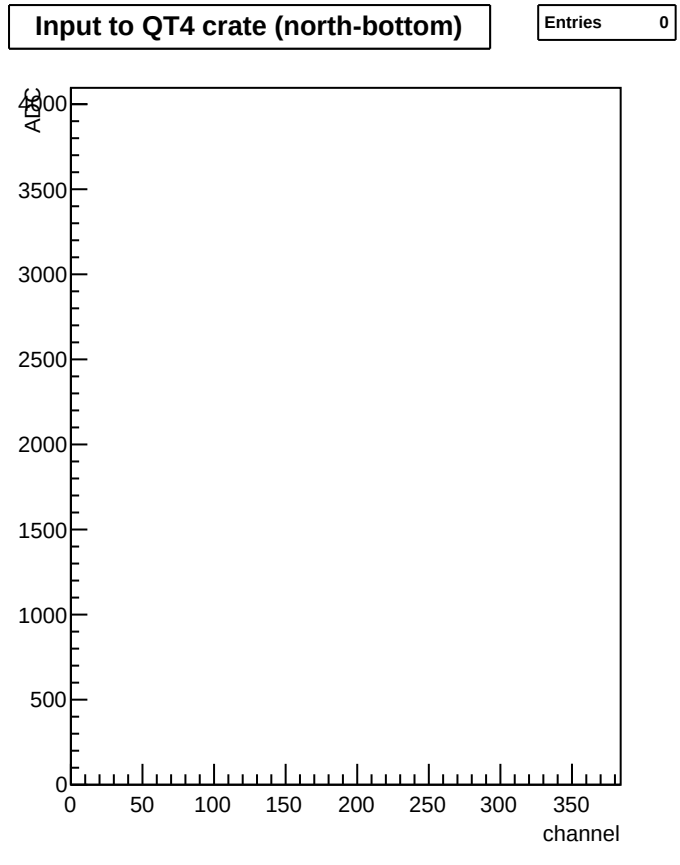

Entries 999997
VPD East ADC Sum
VPD West ADC Sum

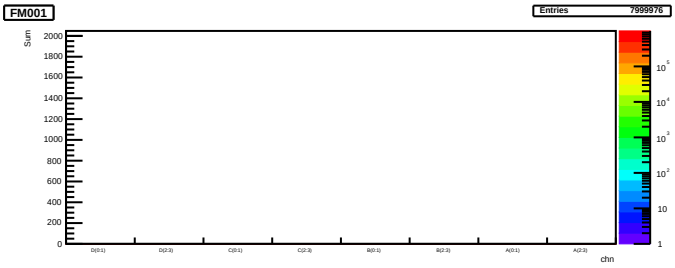

Entries 999997
BBC-S TAC Diff
ZDC TAC Diff

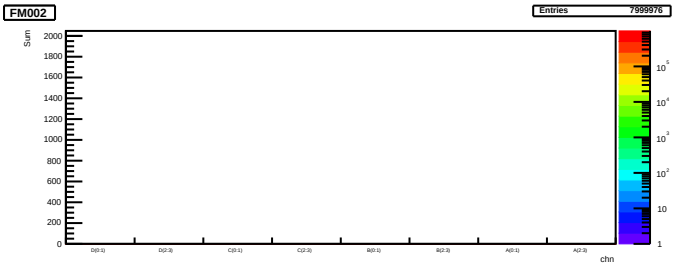

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

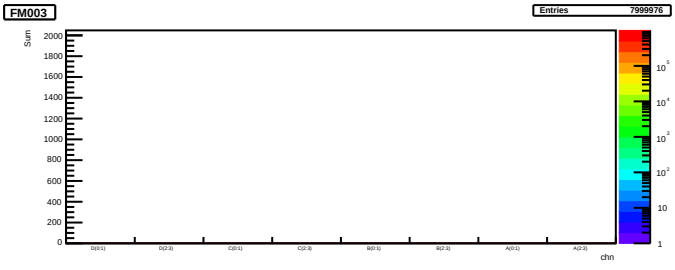

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

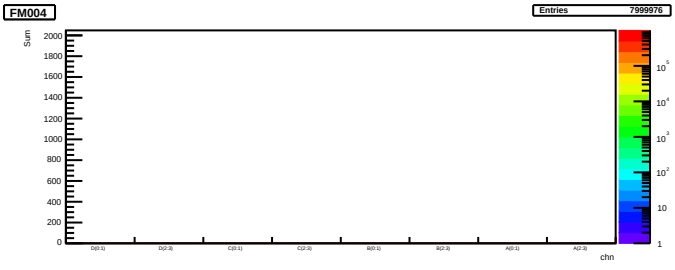

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

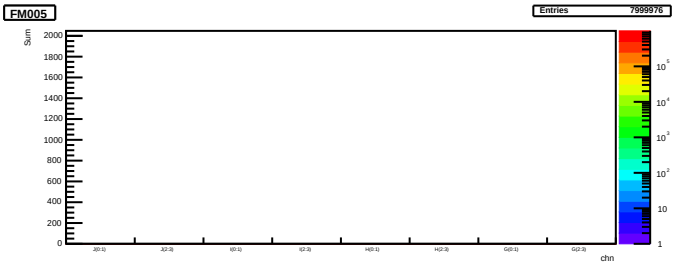

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

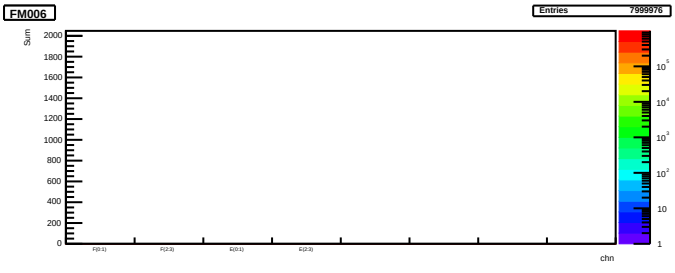

FM001
Entries 7999976
Sum
chn

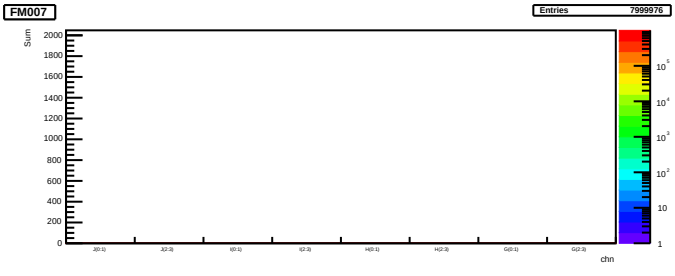

FM002
Entries 7999976
Sum
chn

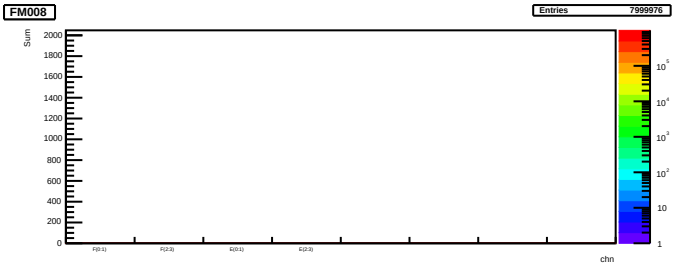

FM003
Entries 7999976
Sum
chn

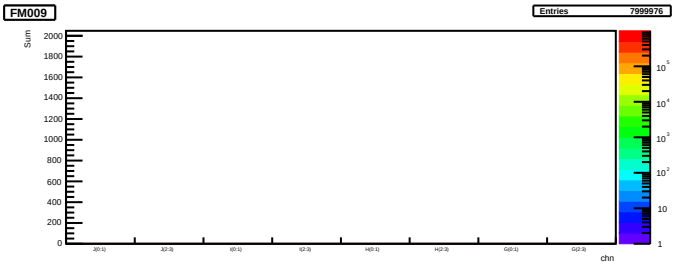

FM004
Entries 7999976
Sum
chn

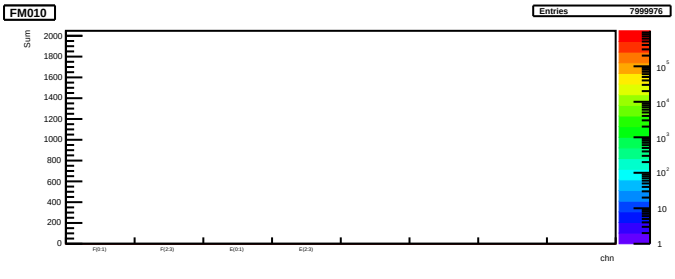

FM005
Entries 7999976
Sum
chn

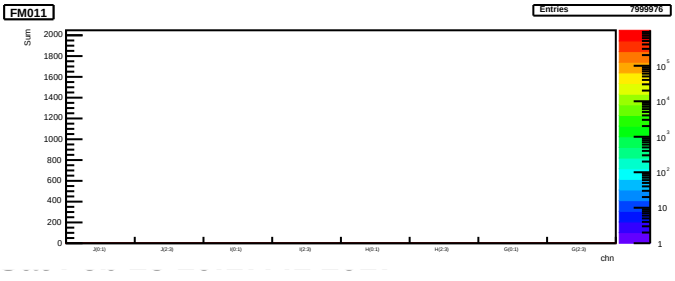

FM006
Entries 7999976
Sum
chn

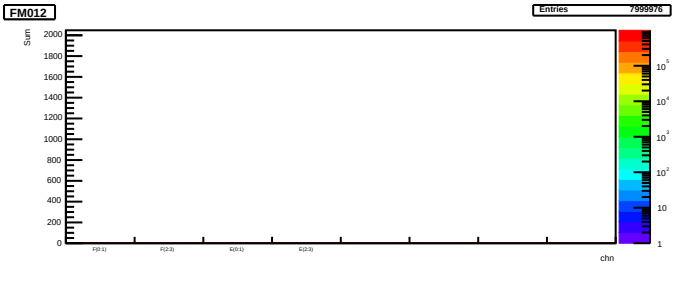

FM007
Entries 7999976
Sum
chn

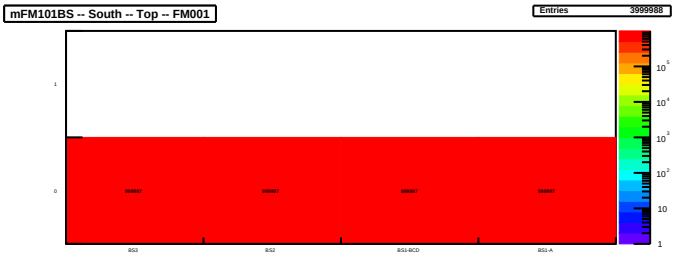

FM008
Entries 7999976
Sum
chn


FM009
Entries 7999976
Sum
chn


FM010
Entries 7999976
Sum
chn


FM011
Entries 7999976
Sum
chn


FM012
Entries 7999976
Sum
chn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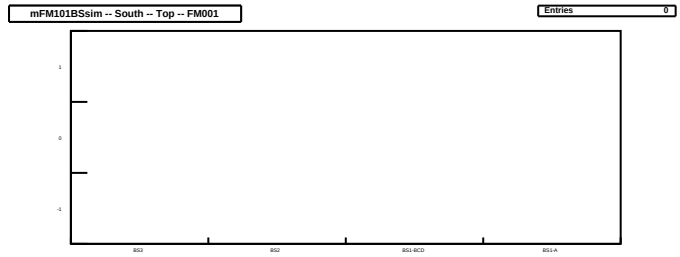
BS1-BCD
BS1-A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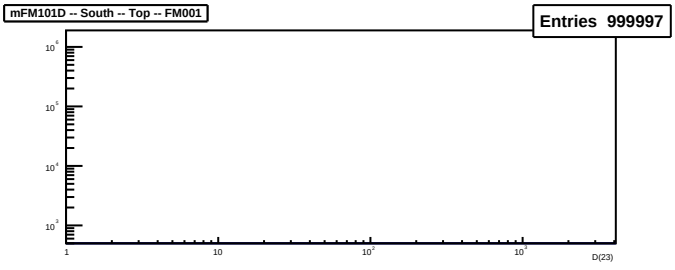
BS1-BCD
BS1-A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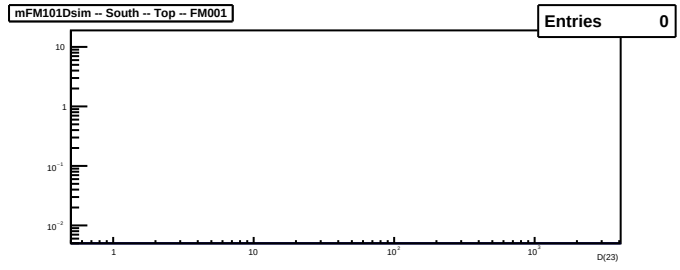
D(23)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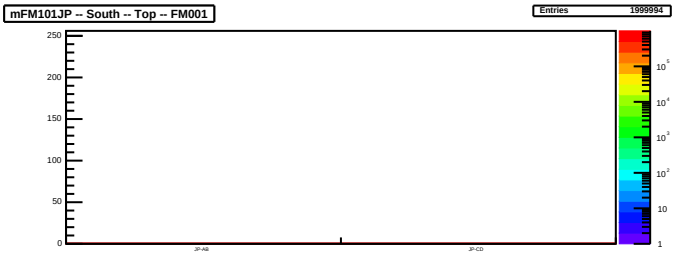
D(23)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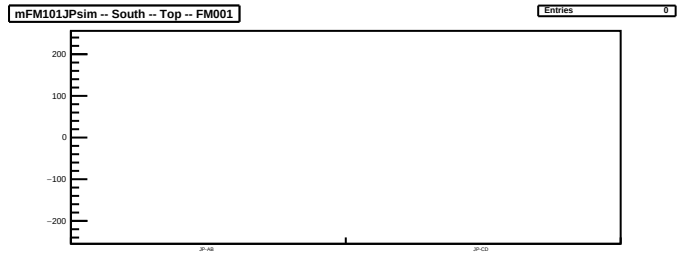
Entries 1999994
JP-AB
JP-CD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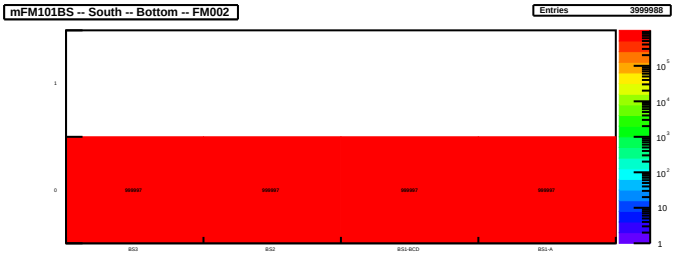
Entries 0
JP-AB
JP-CD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Entries 3999988
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BS3
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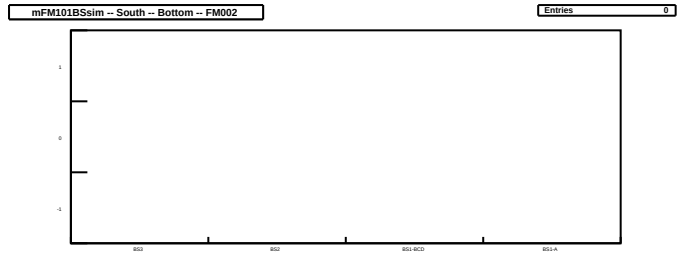
BS1-BCD
BS1-A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Entries 0
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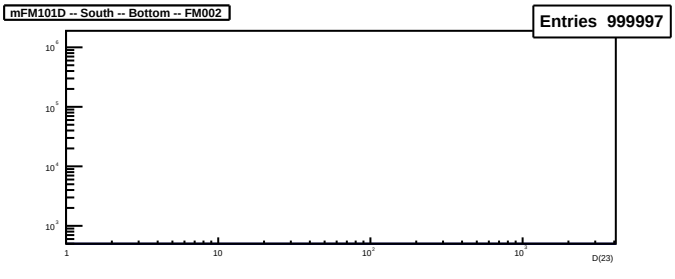
BS1-BCD
BS1-A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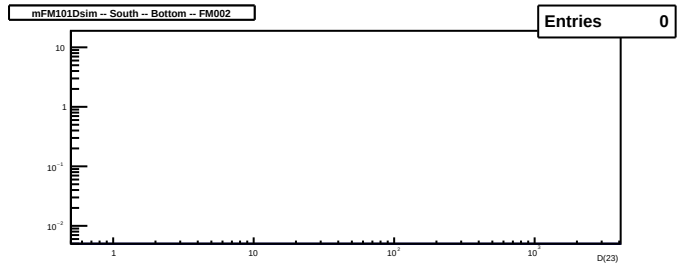
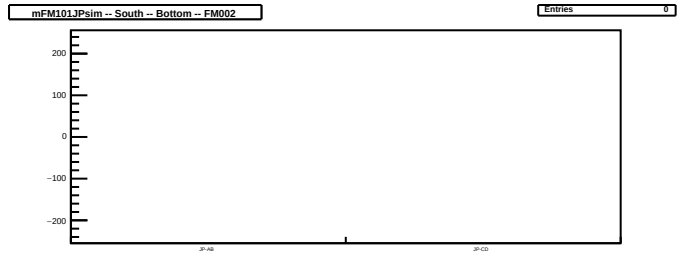
Entries 999997
D(23)


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

mFM101JP -- South -- Bottom -- FM002
Entries 1999994
JP-AB
JP-CD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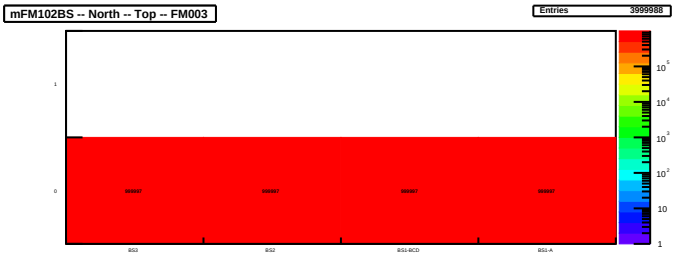
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 3999988
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999997
999997
999997
BS3
BS2
BS1-BCD
BS1-A

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Entries 0
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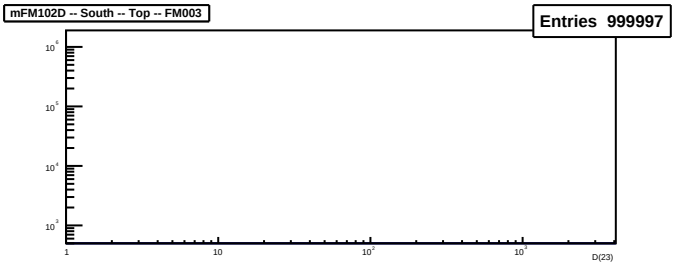
BS1-BCD
BS1-A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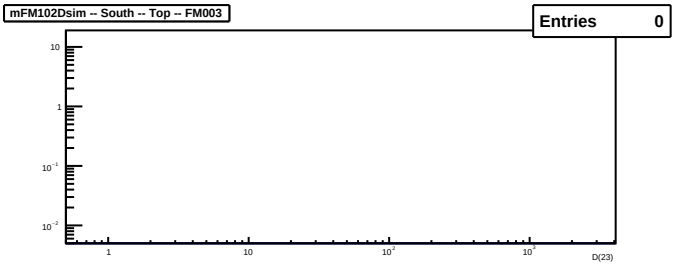
Entries 999997
D(23)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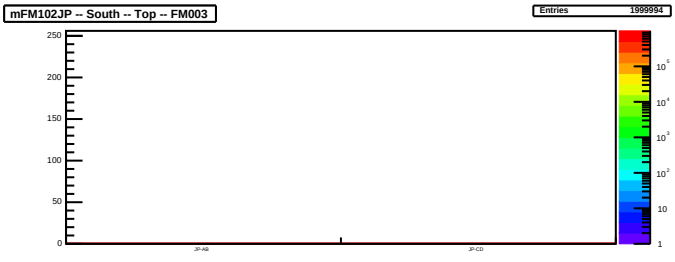
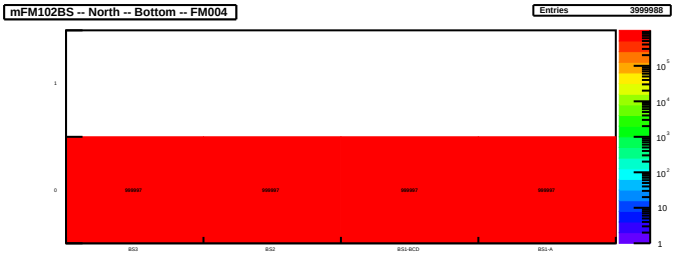
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 1999994
JP-AB
JP-CD

mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD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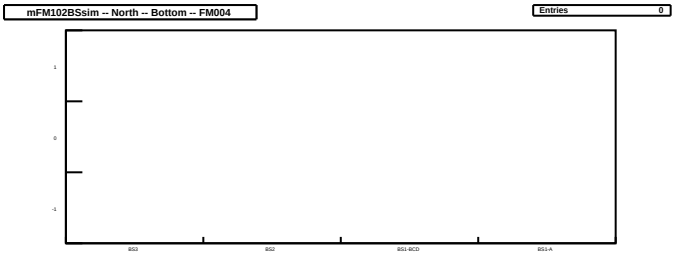
BS1-A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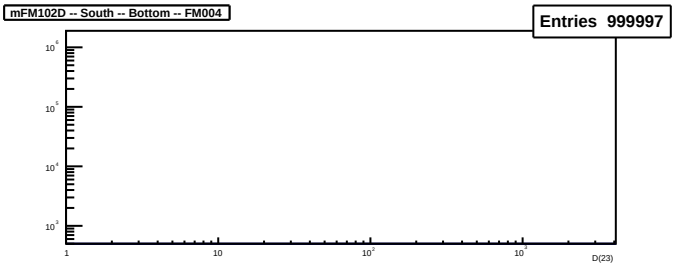
Entries 0
BS3
BS2
BS1-BCD
BS1-A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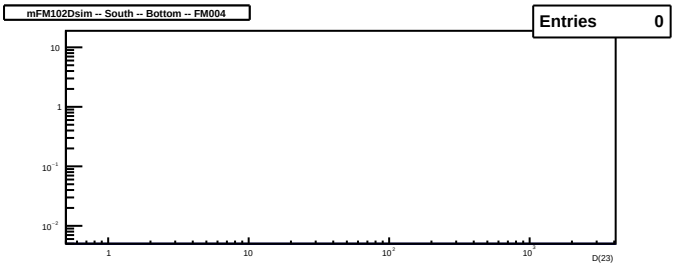
Entries 999997
D(23)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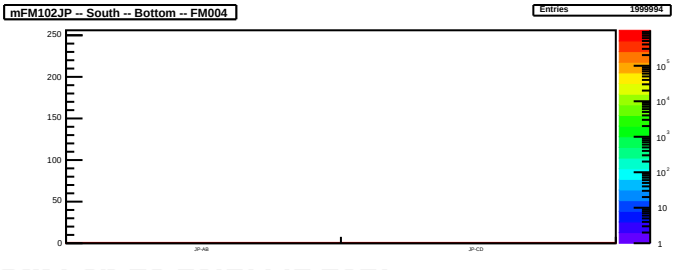
Entries 0
D(23)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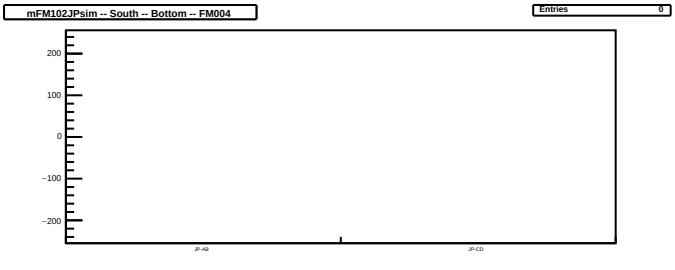
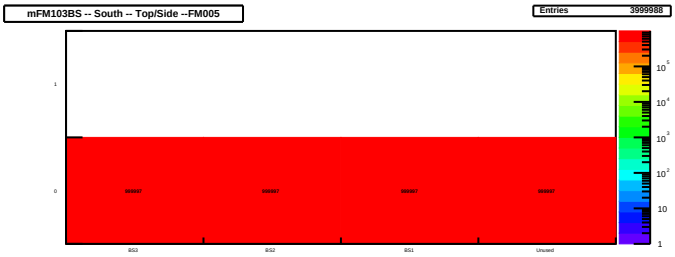
Entries 1999994
JP-AB
JP-CD


mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD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BS3
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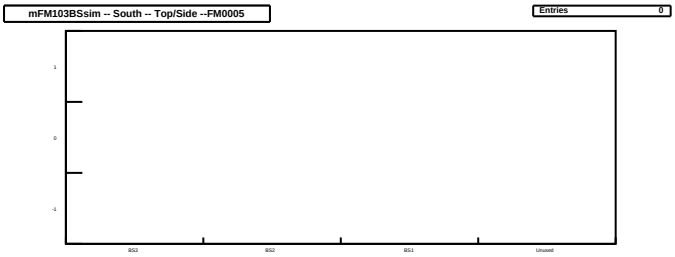
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Entries 0
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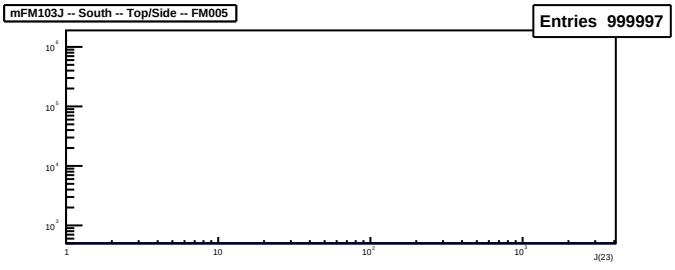
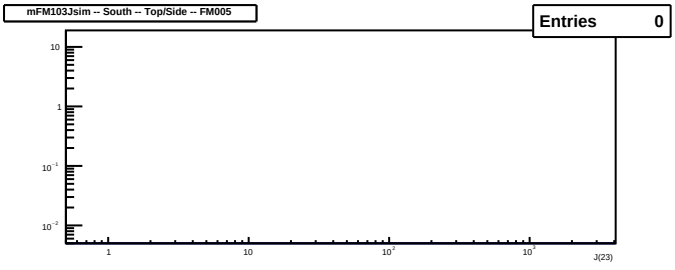
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 999997
J(23)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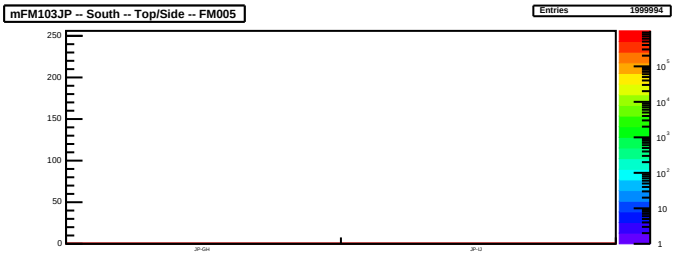
J(23)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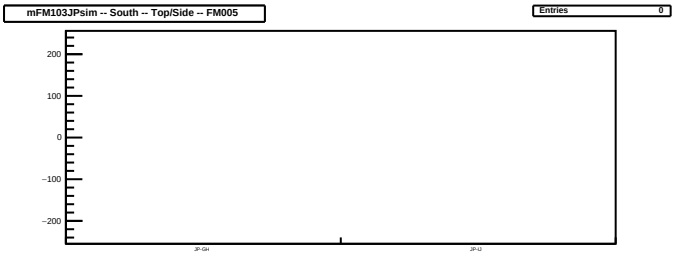
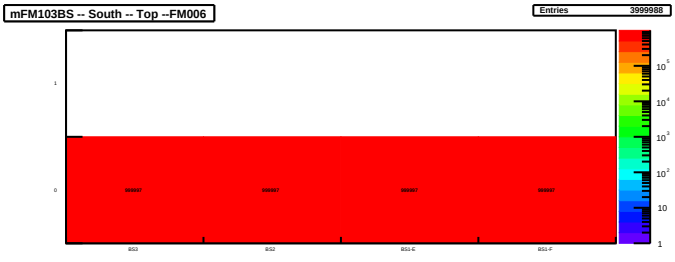
Entries 1999994
JP-GH
JP-IJ


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


mFM103BS -- South -- Top --FM006
Entries 3999988
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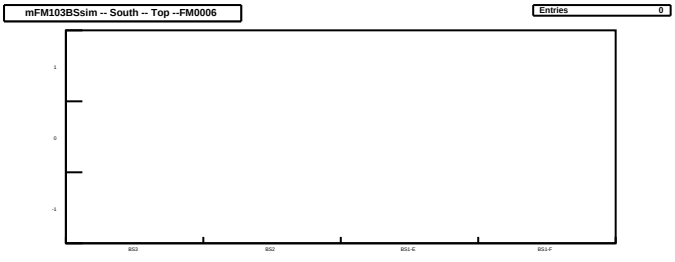
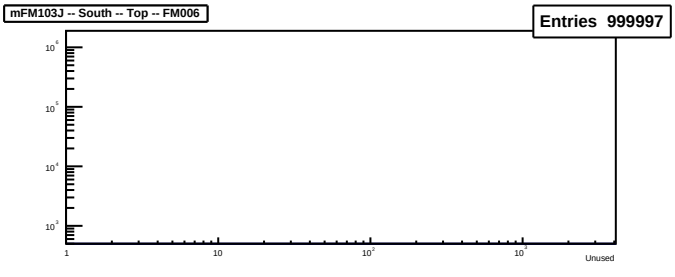
999997
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 999997
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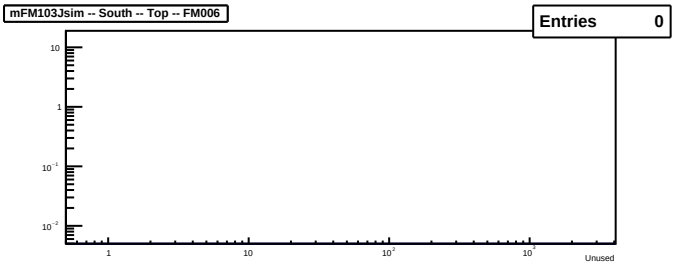
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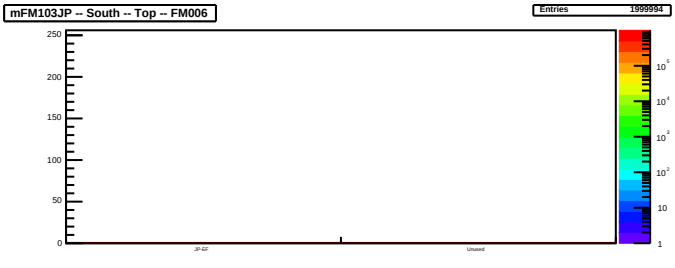
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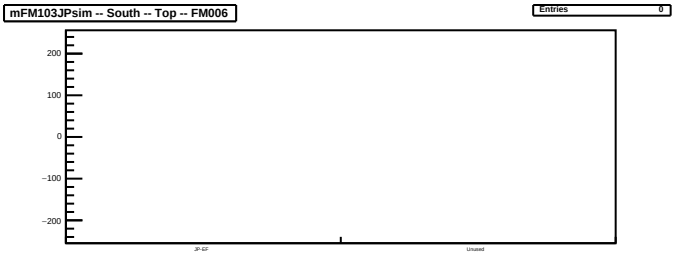
Entries 1999994
JP-EF
Unused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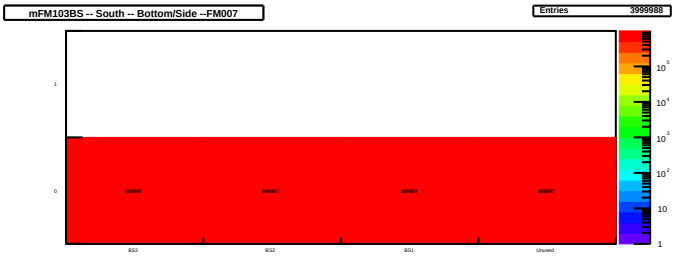
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 3999988
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999997
999997
BS3
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BS1
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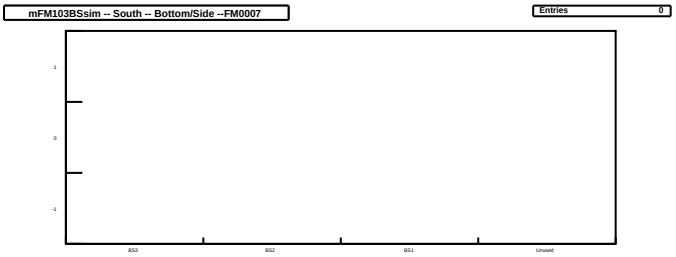
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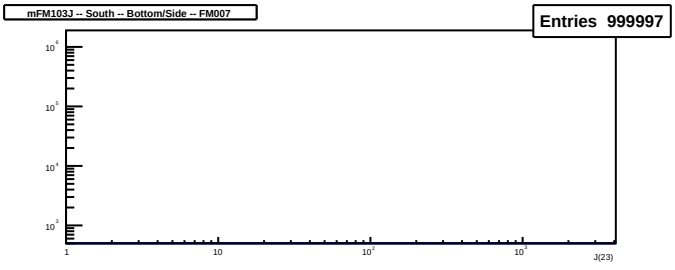
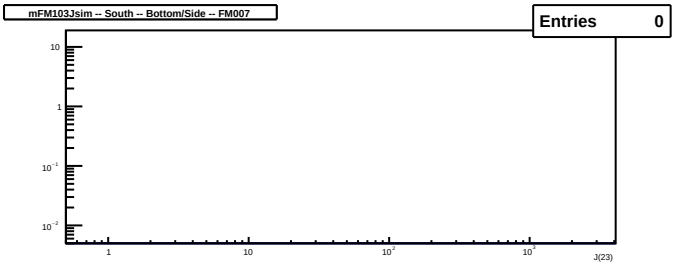
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 999997
J(23)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Entries 0
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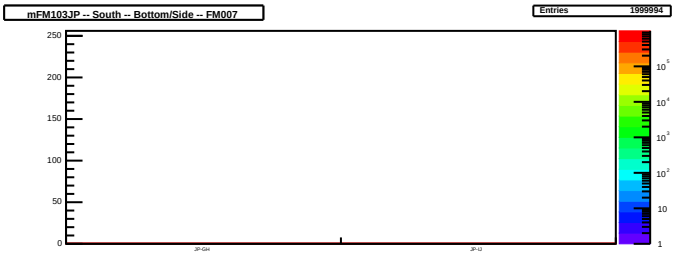
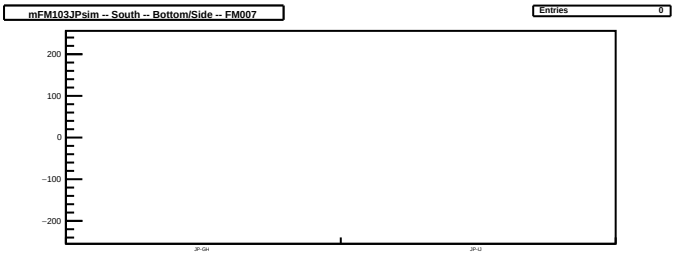
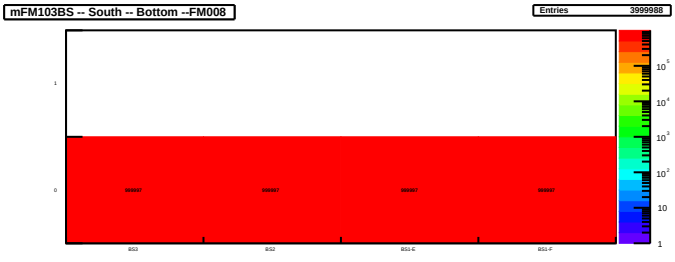

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1999994
JP-GH
JP-IJ


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


mFM103BS -- South -- Bottom --FM008
Entries 3999988
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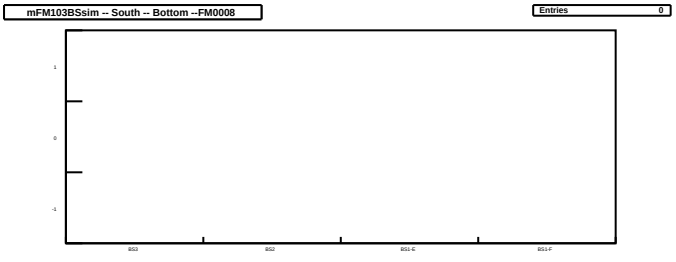
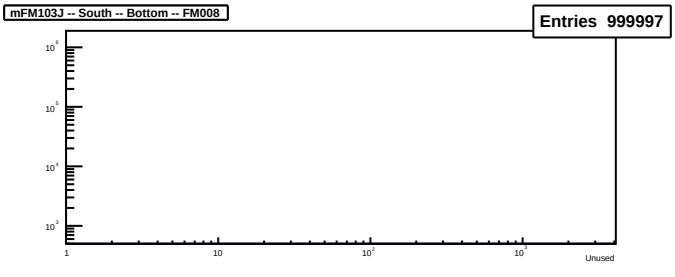
BS3
BS2
BS1-E
BS1-F


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


mFM103J -- South -- Bottom -- FM008
Entries 999997
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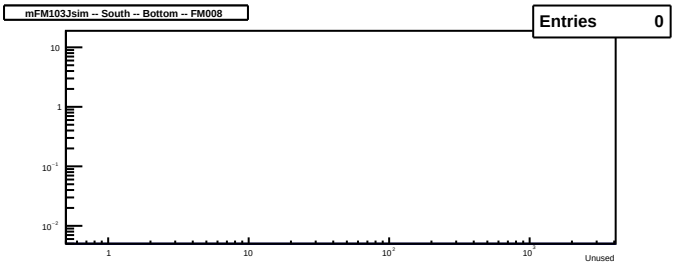
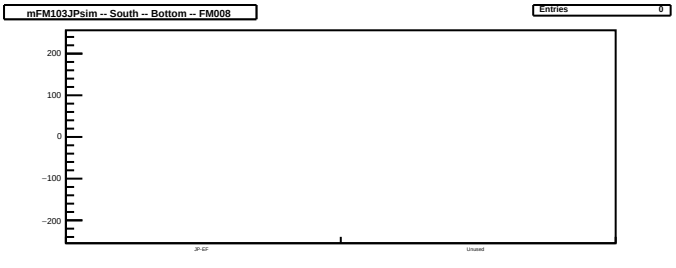
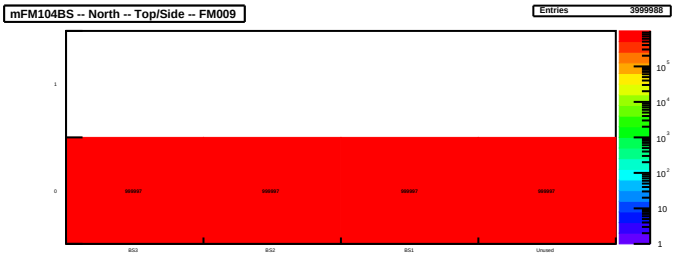

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

mFM103JP -- South -- Bottom -- FM008
Entries 1999994
JP-EF
Unused


mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 3999988
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BS3
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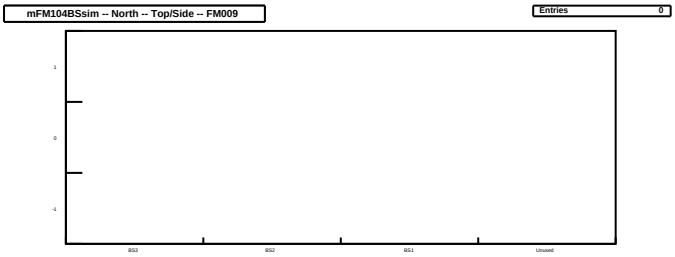
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Entries 0
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BS2
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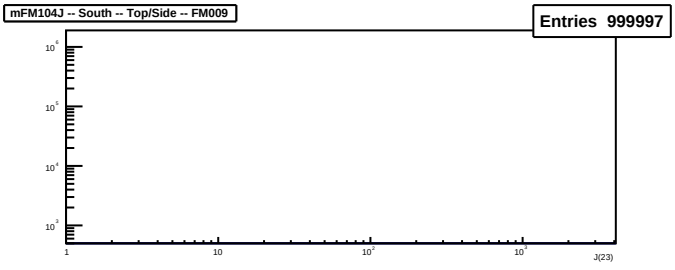
Unused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Entries 999997
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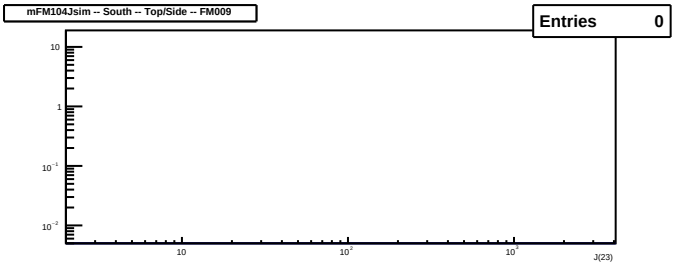
mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
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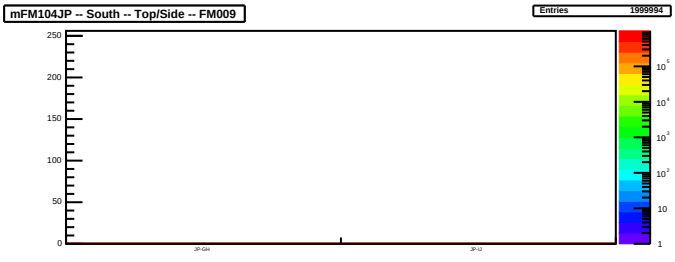
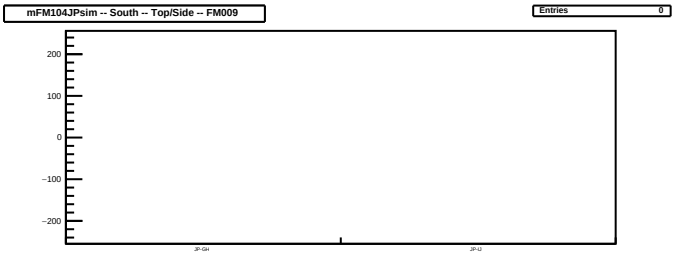
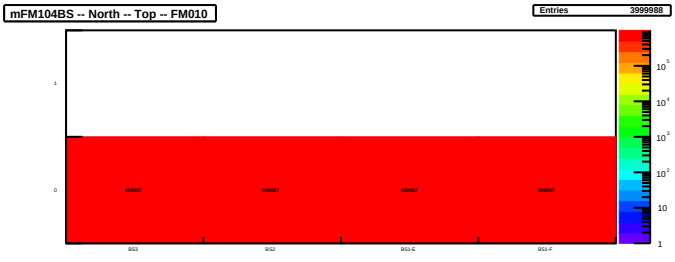

mFM104JP -- South -- Top/Side -- FM009
Entries 1999994
JP-GH
JP-IJ


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


mFM104BS -- North -- Top -- FM010
Entries 3999988
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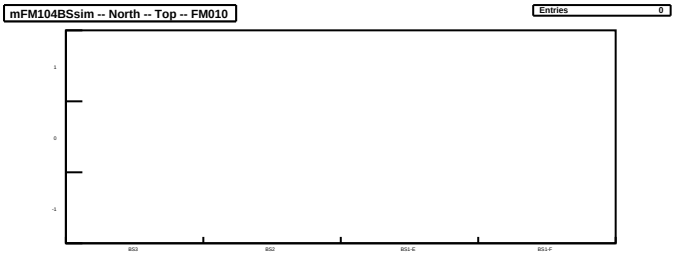
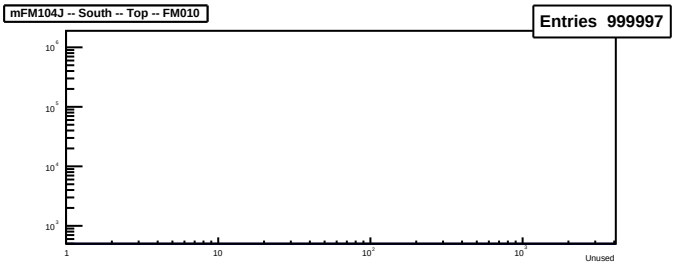
999997
999997
999997
BS3
BS2
BS1-E
BS1-F


mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F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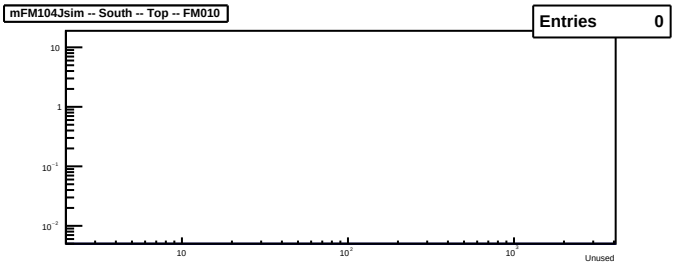
Entries 999997
Unused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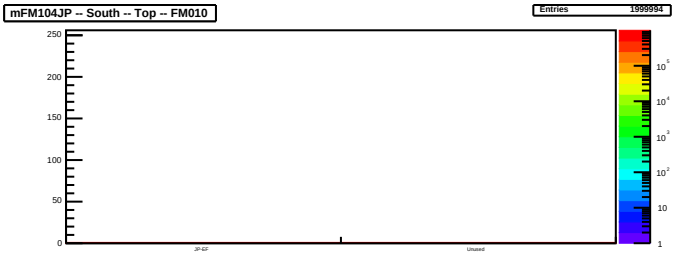
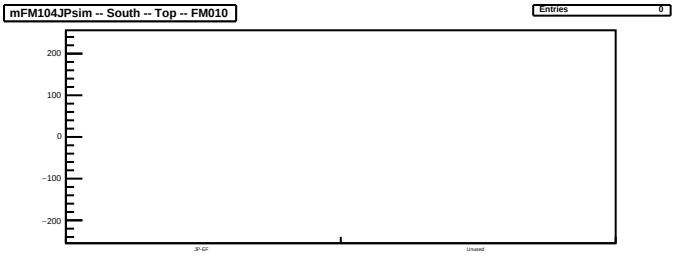
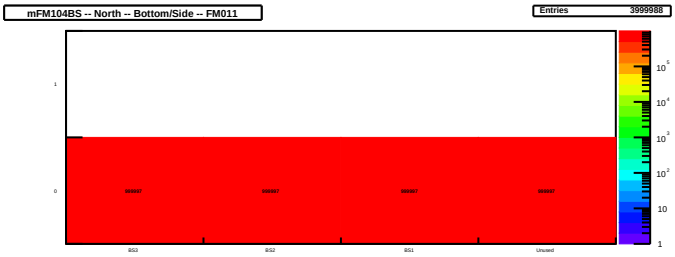
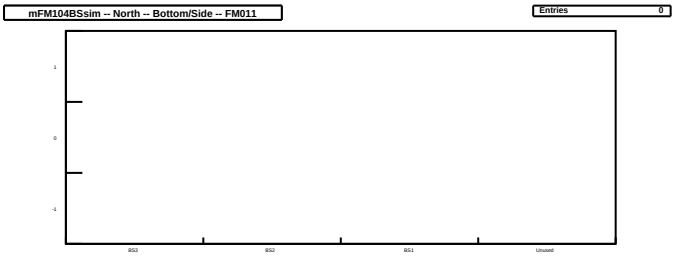
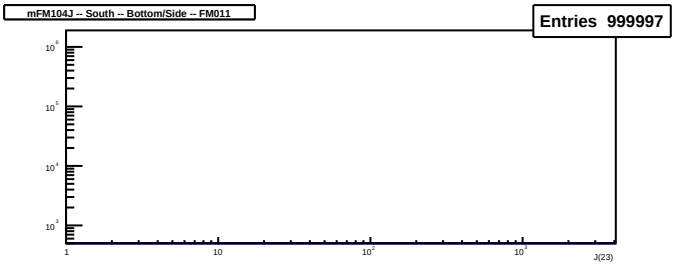
Entries 0
Unused

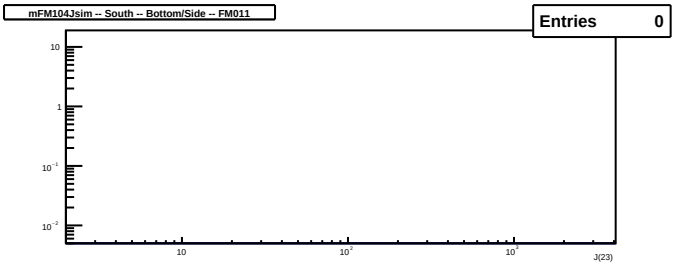

mFM104JP -- South -- Top -- FM010
Entries 1999994
JP-EF
Unused

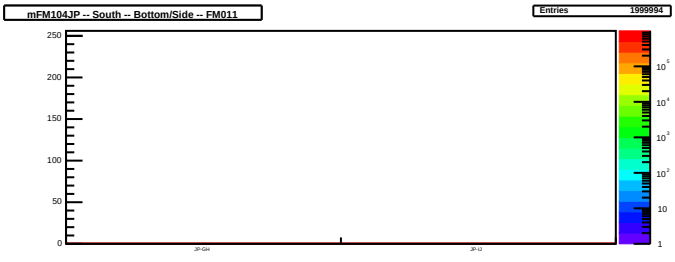

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

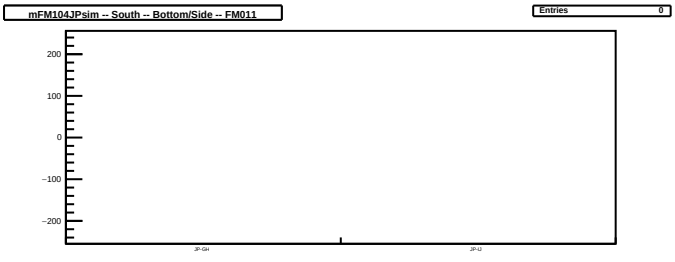

mFM104BS -- North -- Bottom/Side -- FM011
Entries 3999988
999997
999997
999997
999997
BS3
BS2
BS1
Unused

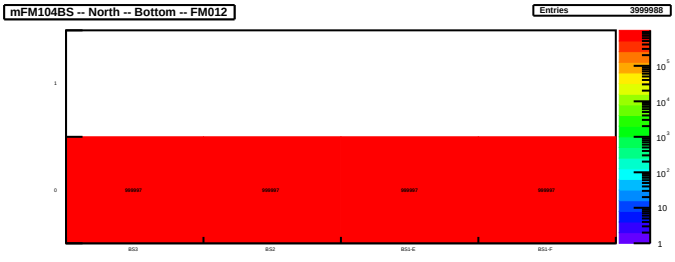

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

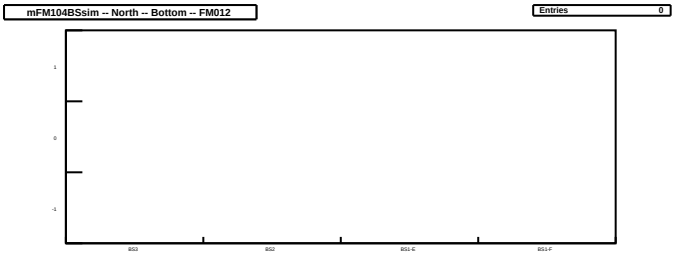

mFM104J -- South -- Bottom/Side -- FM011
Entries 999997
J(23)

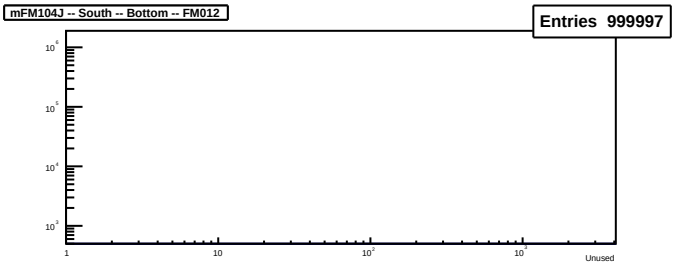

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

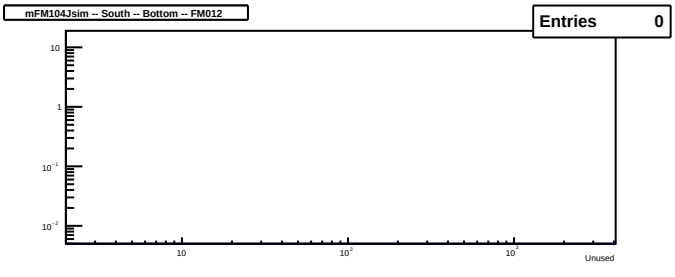

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1999994
JP-GH
JP-IJ


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


mFM104BS -- North -- Bottom -- FM012
Entries 3999988
999997
999997
999997
999997
BS3
BS2
BS1-E
BS1-F

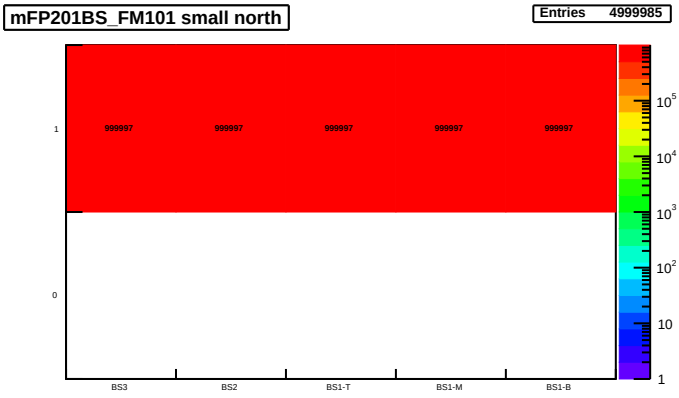

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

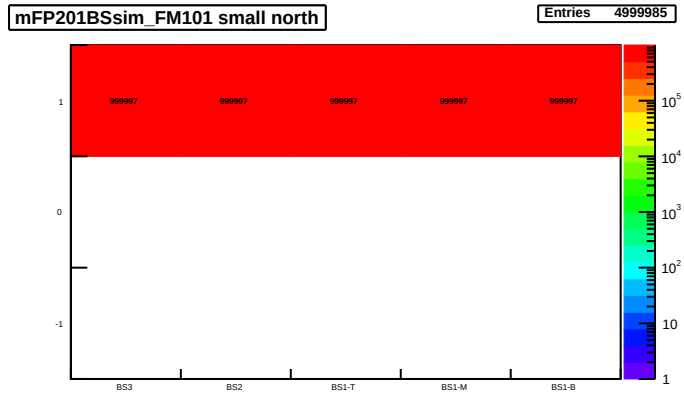

mFM104J -- South -- Bottom -- FM012
Entries 999997
Unused

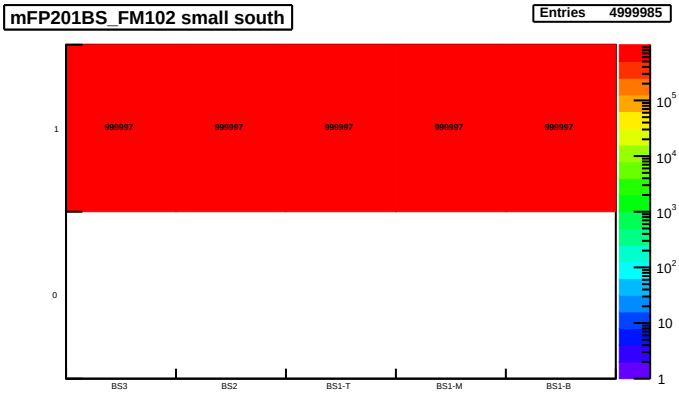

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

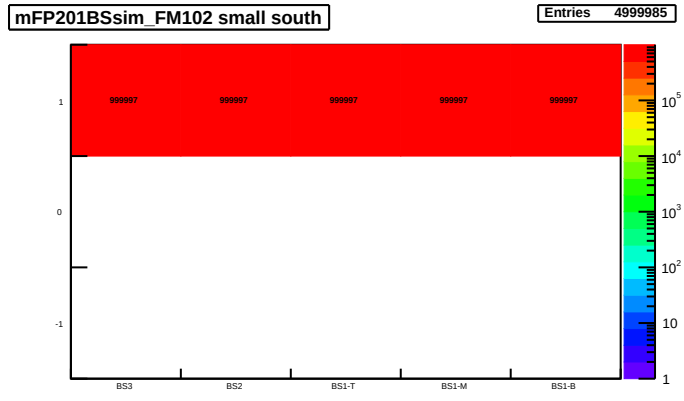
mFM104JP -- South -- Bottom -- FM012
Entries 1999994
JP-EF
Unused

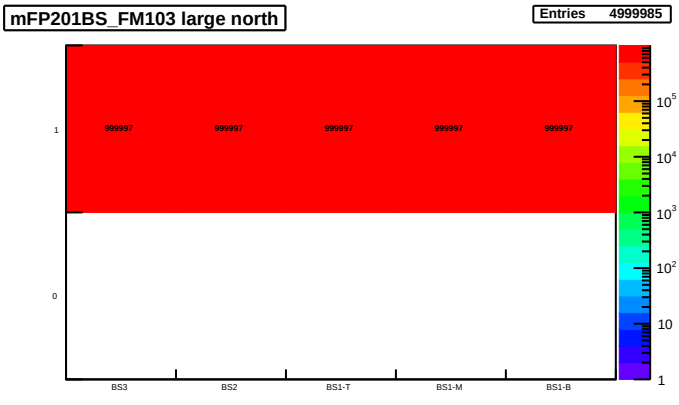
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

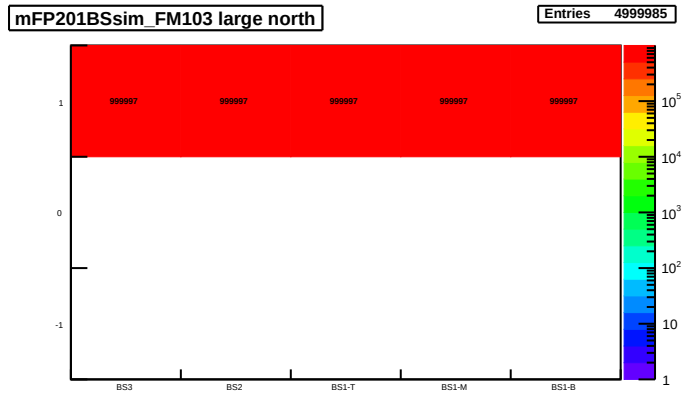

mFP201BS_FM101 small north
Entries 4999985
999997
BS3
BS2
BS1-T
BS1-M
BS1-B

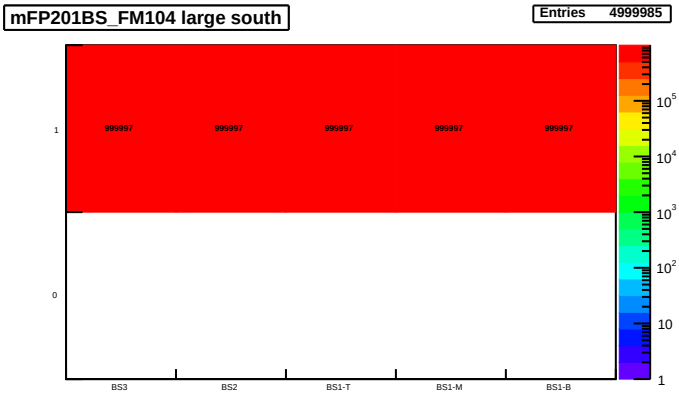

mFP201BSsim_FM101 small north
Entries 4999985
999997
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BS_FM102 small south
Entries 4999985
999997
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BSsim_FM102 small south
Entries 4999985
999997
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BS_FM103 large north
Entries 4999985
999997
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BSsim_FM103 large north
Entries 4999985
999997
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BS_FM104 large south
Entries 4999985
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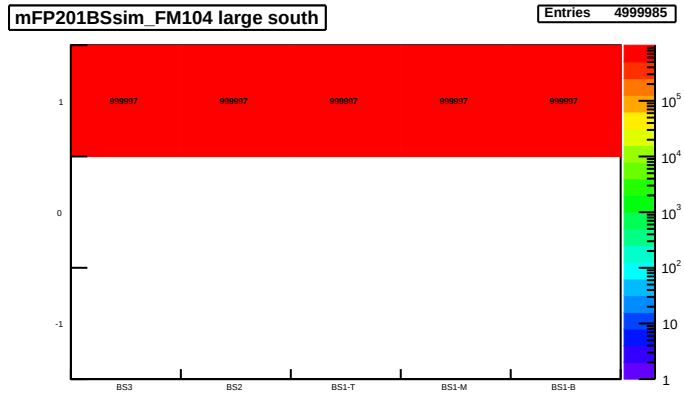
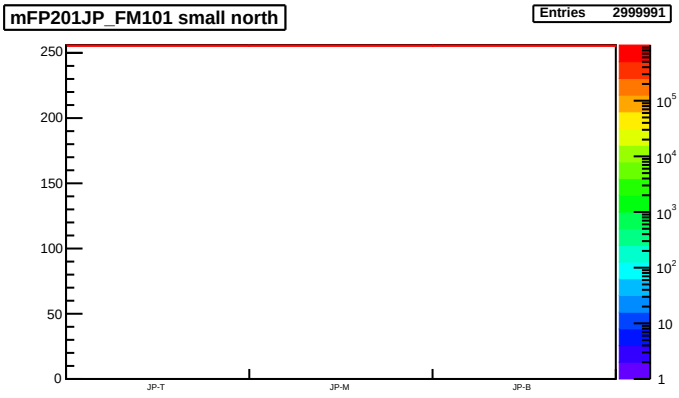
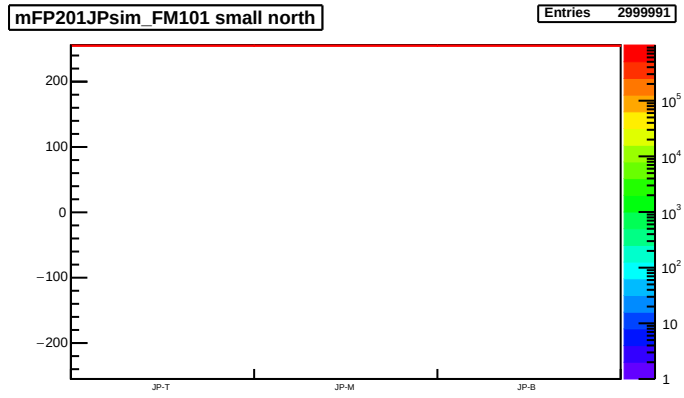
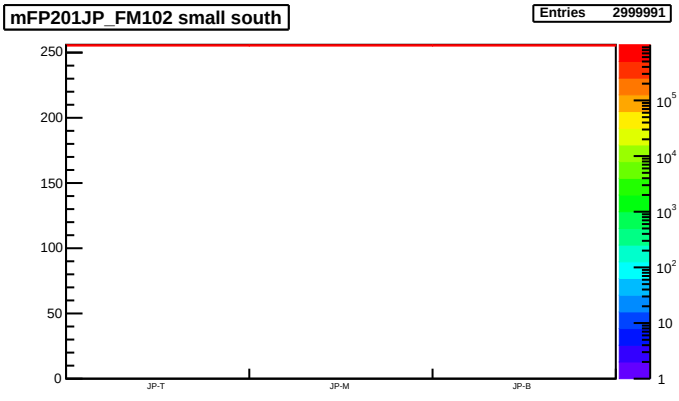
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BSsim_FM104 large south
Entries 4999985
999997
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201JP_FM101 small north
Entries 2999991
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1


mFP201JPsim_FM101 small north
Entries 2999991
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1


mFP201JP_FM102 small south
Entries 2999991
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200
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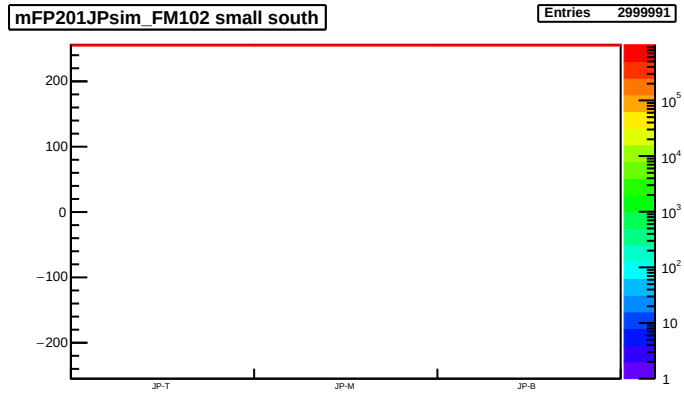
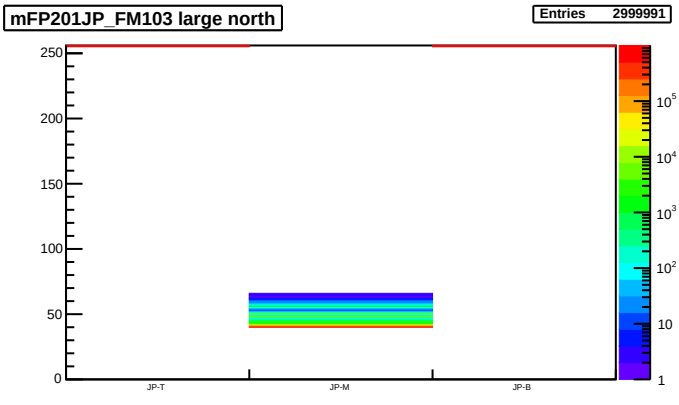
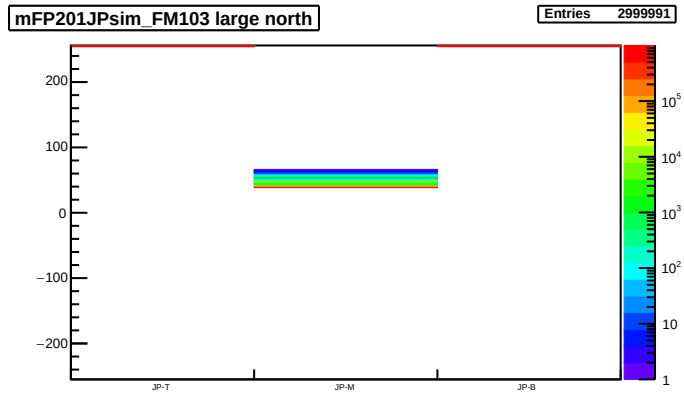
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1


mFP201JPsim_FM102 small south
Entries 2999991
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1


mFP201JP_FM103 large north
Entries 2999991
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1


mFP201JPsim_FM103 large north
Entries 2999991
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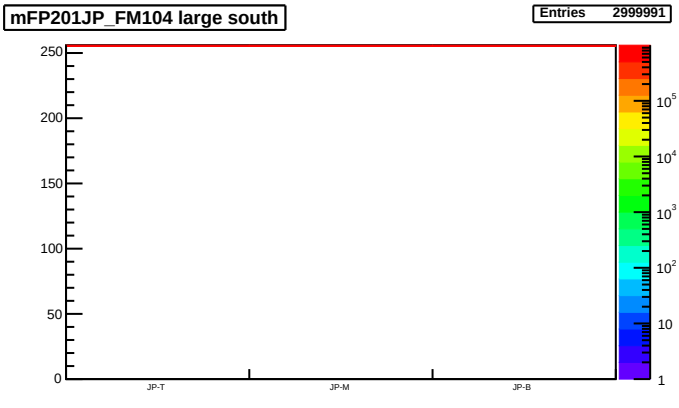
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1


mFP201JP_FM104 large south
Entries 2999991
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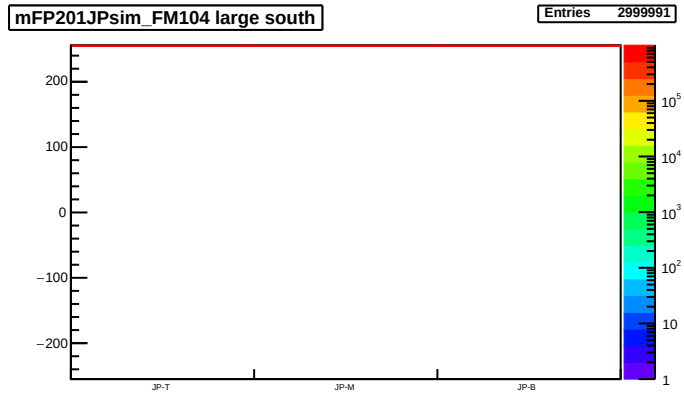
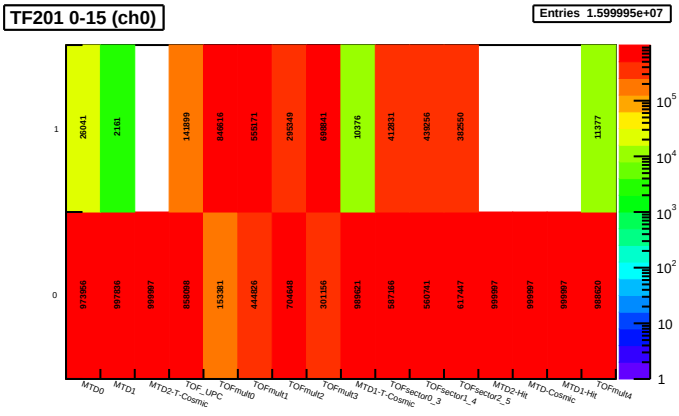
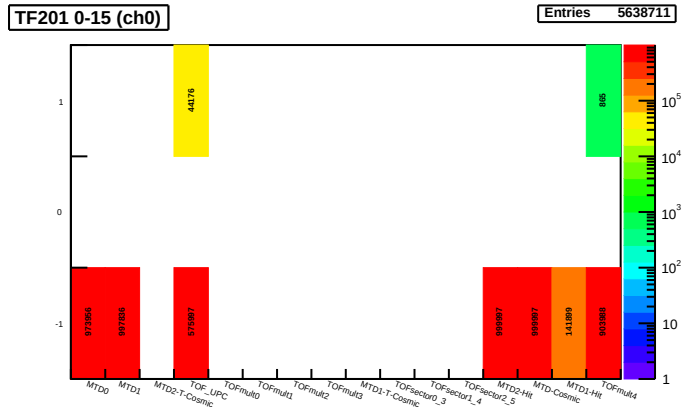
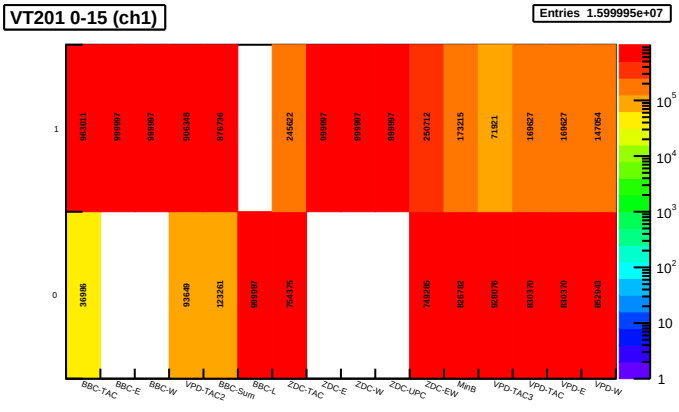
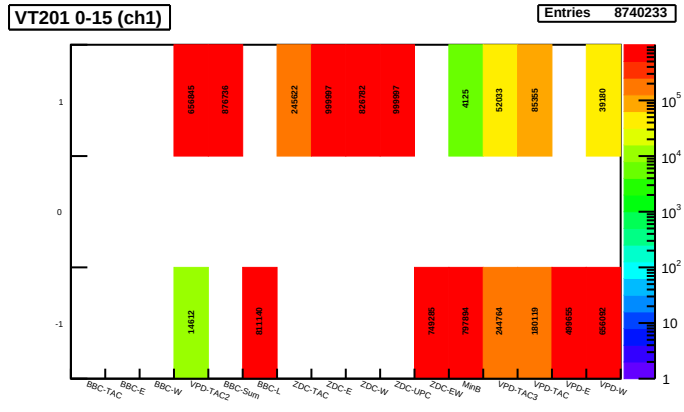
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

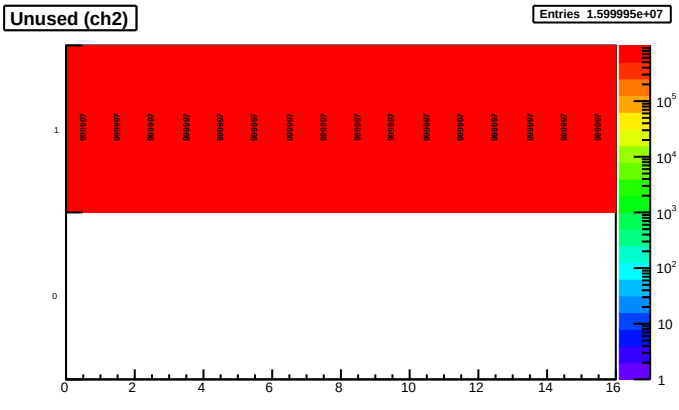

mFP201JPsim_FM104 large south
Entries 2999991
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

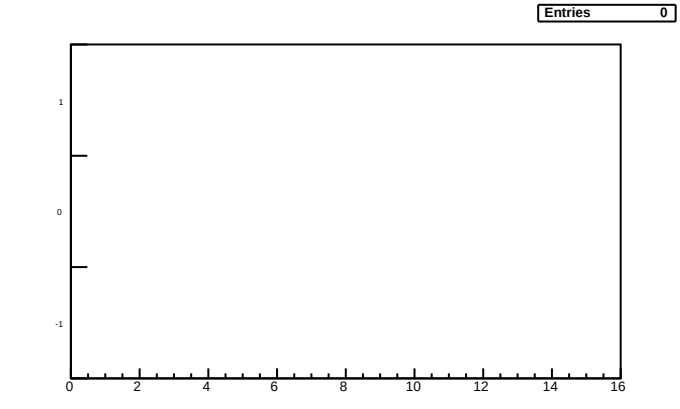

TF201 0-15 (ch0)
Entries 1.599995e+07
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

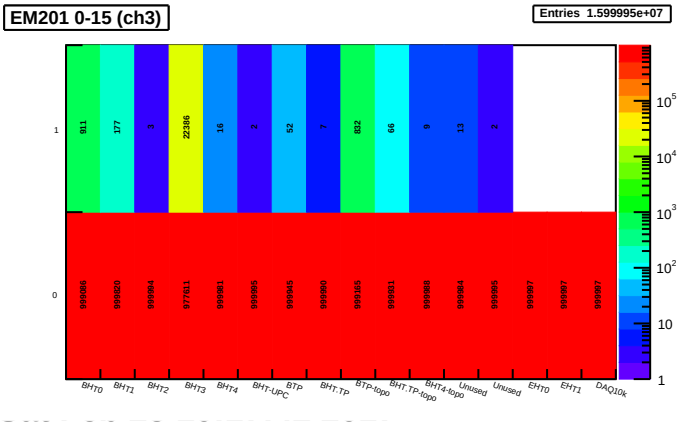

TF201 0-15 (ch0)
Entries 5638711
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

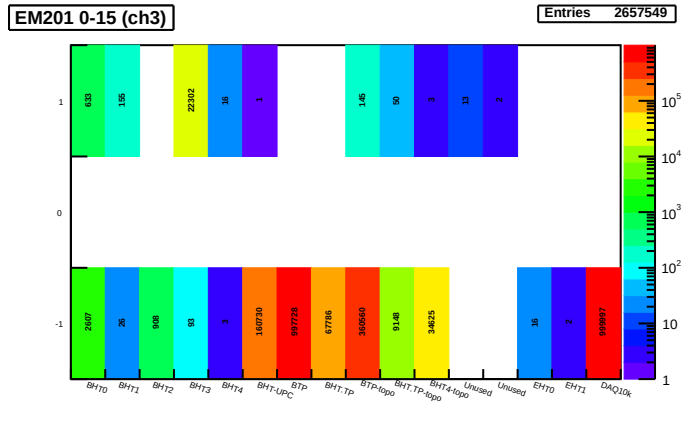

VT201 0-15 (ch1)
Entries 1.599995e+07
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W


VT201 0-15 (ch1)
Entries 8740233
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

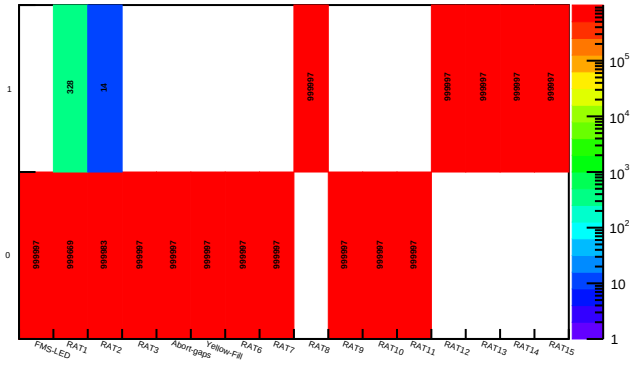

Unused (ch2)
Entries 1.599995e+07

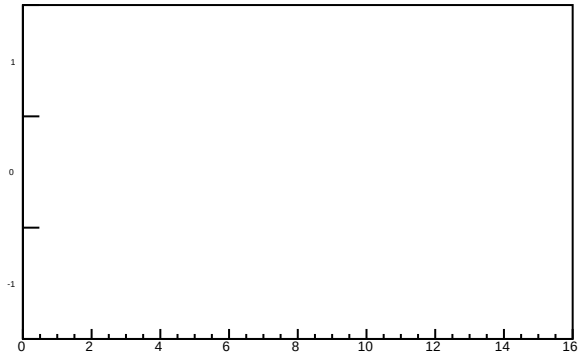

Entries 0


EM201 0-15 (ch3)
Entries 1.599995e+07
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

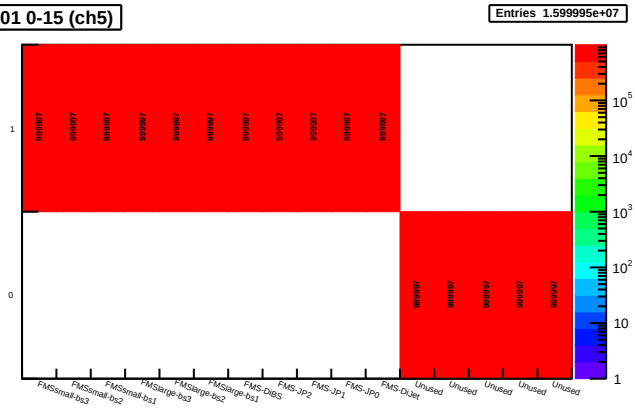

EM201 0-15 (ch3)
Entries 2657549
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

RAT board (ch4)

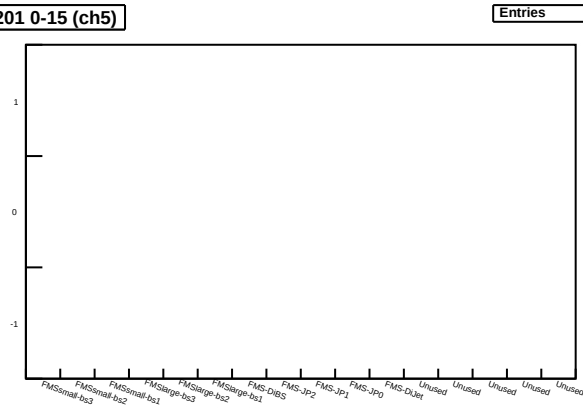




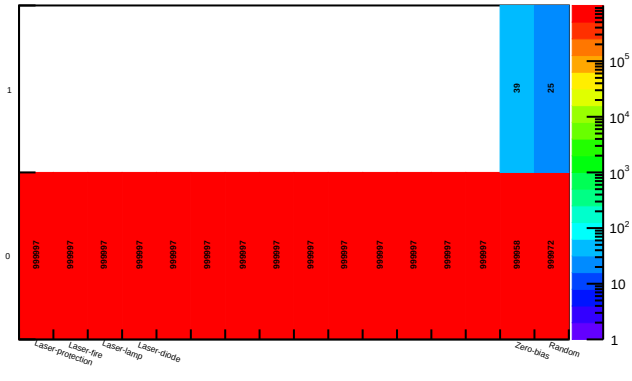
FP201 0-15 (ch5)

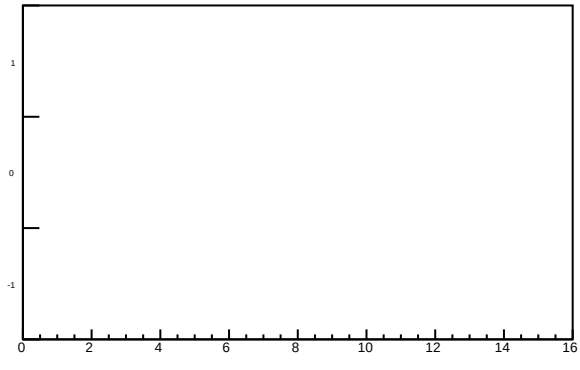
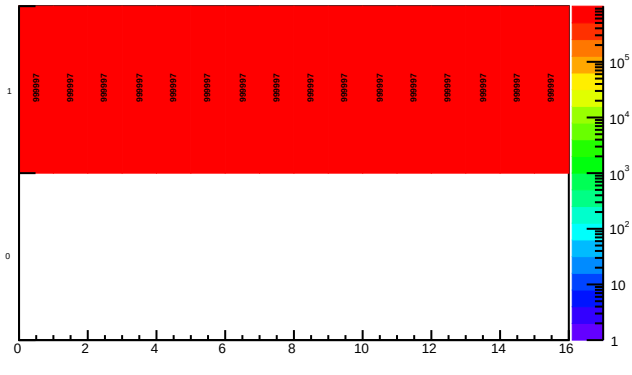
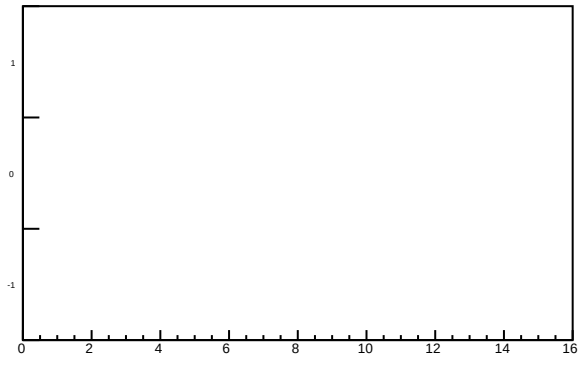


FP201 0-15 (ch5)



ST201 0-15 (ch6)

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