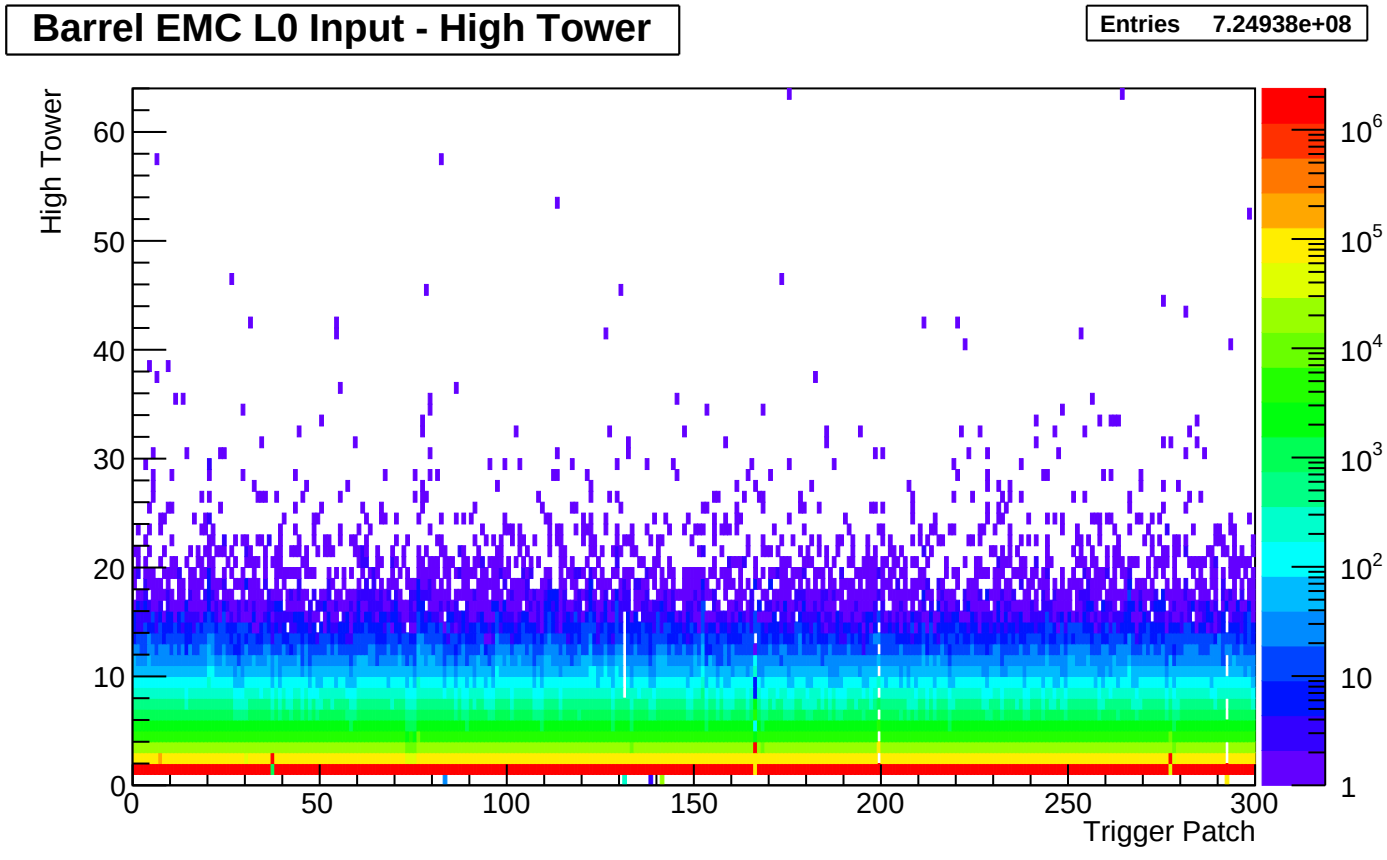
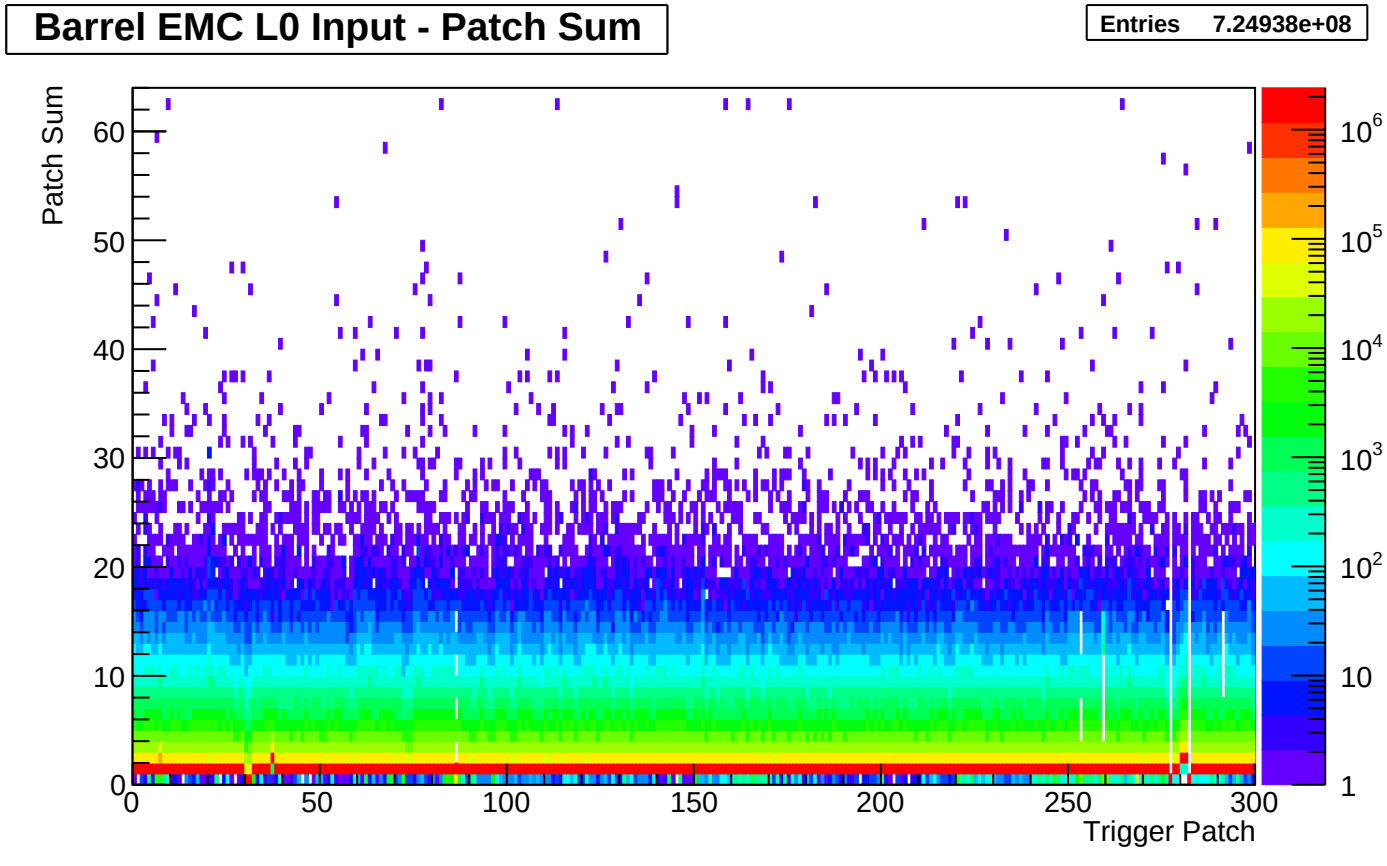
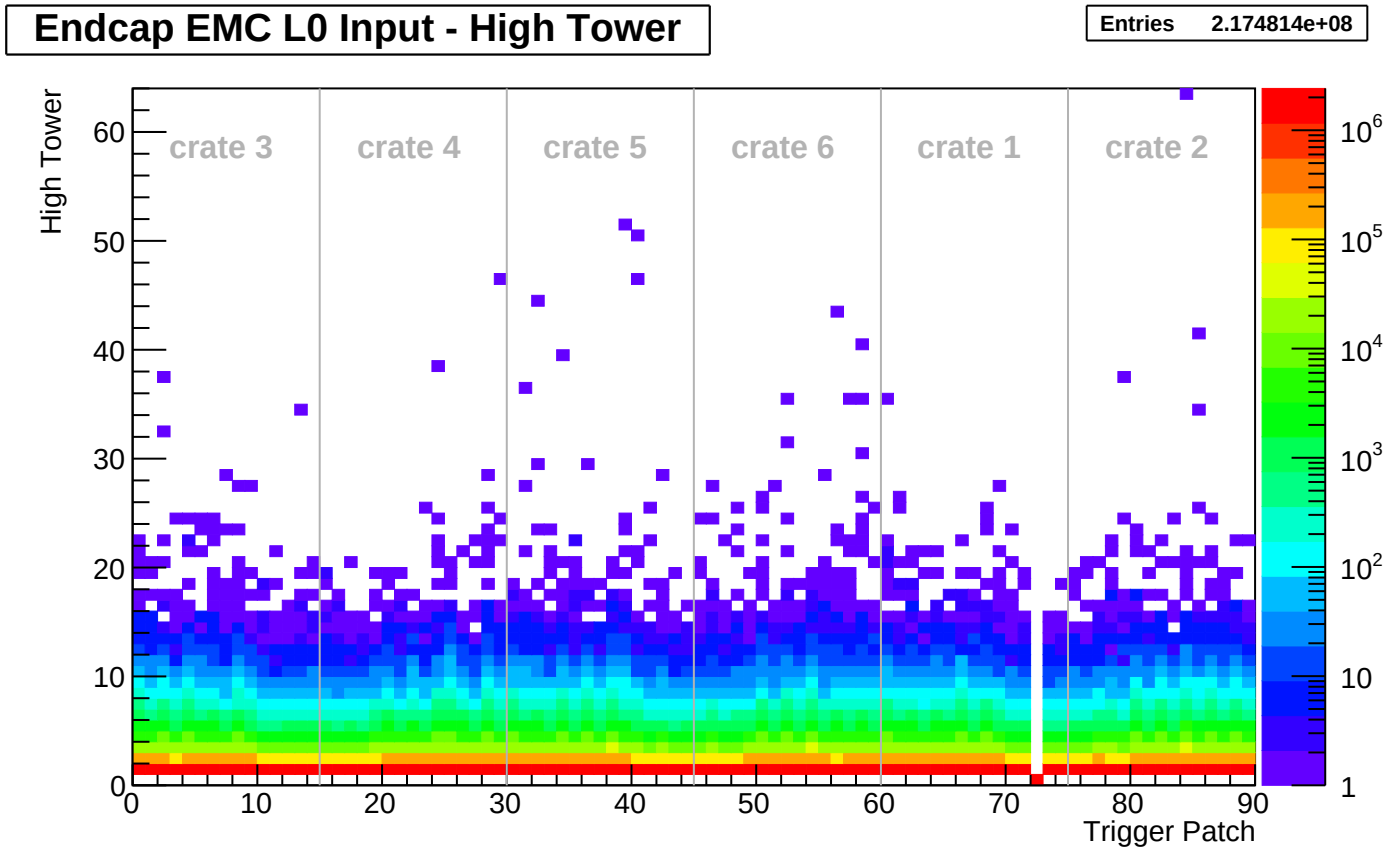
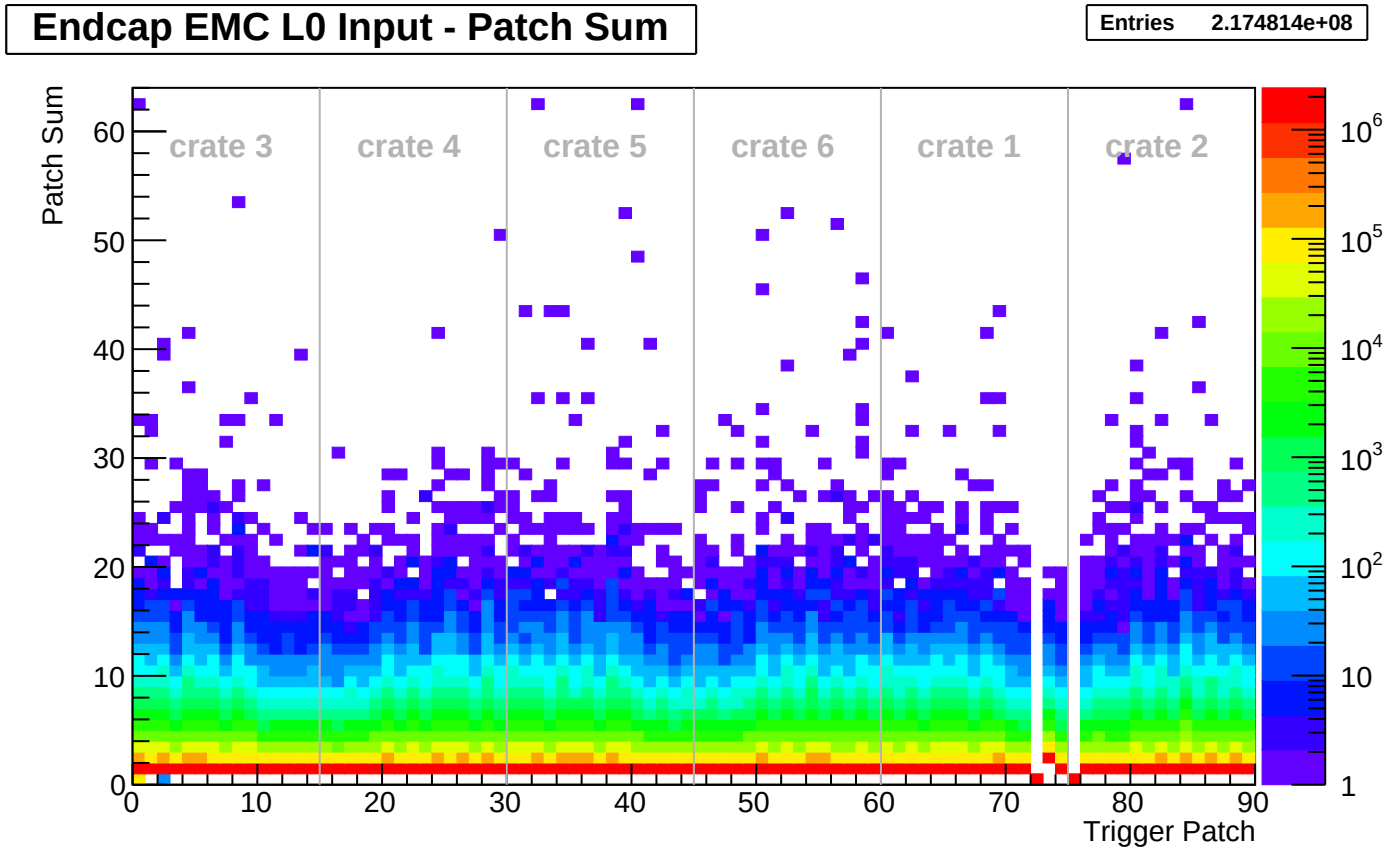
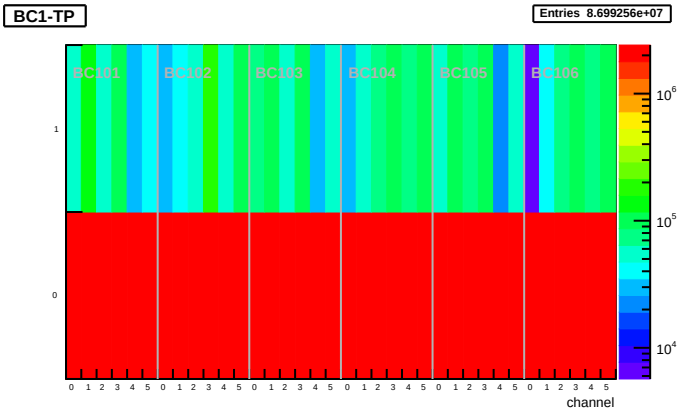
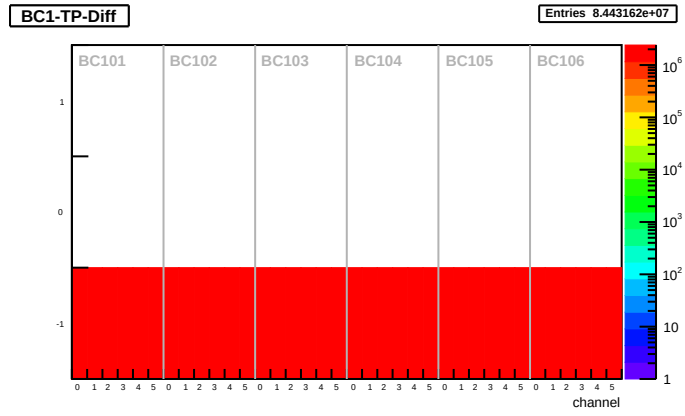

Barrel EMC L0 Input - High Tower
Entries 7.24938e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

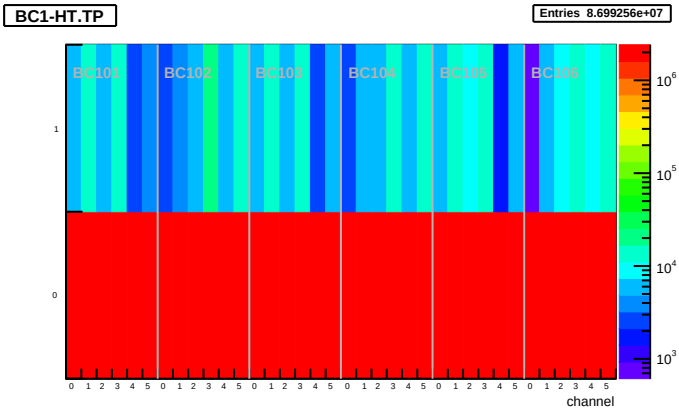

Barrel EMC L0 Input - Patch Sum
Entries 7.24938e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

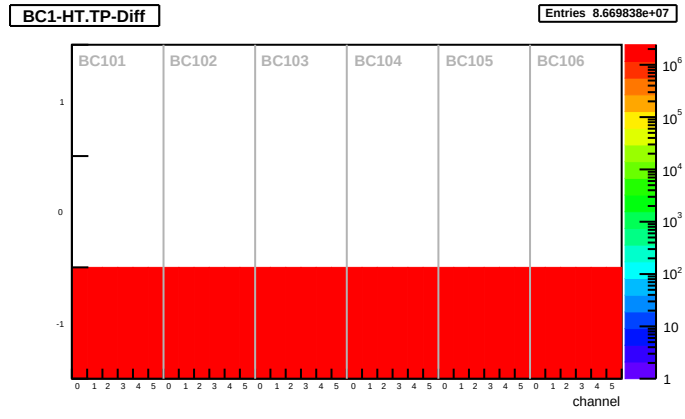

Endcap EMC L0 Input - High Tower
Entries 2.174814e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

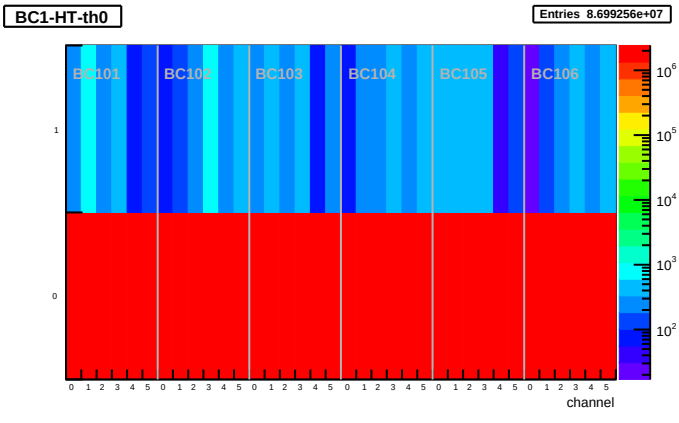

Endcap EMC L0 Input - Patch Sum
Entries 2.174814e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

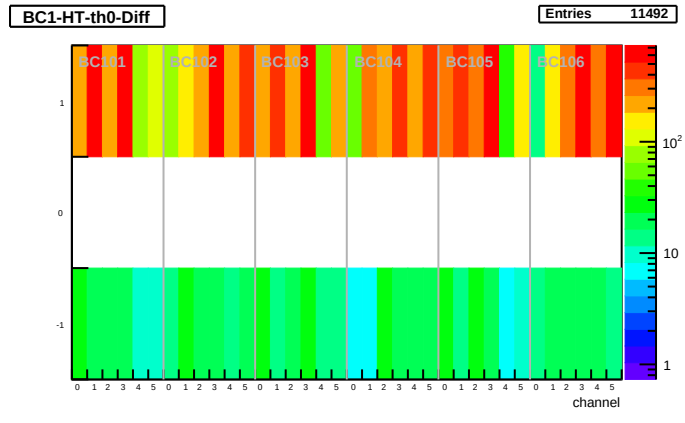

BC1-TP
Entries 8.699256e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

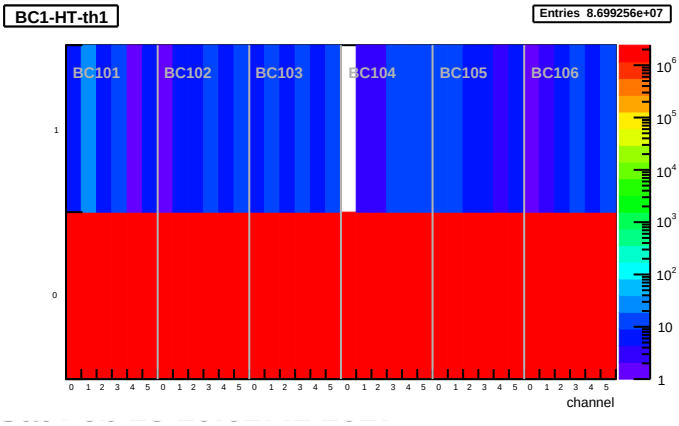

BC1-TP-Diff
Entries 8.443162e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

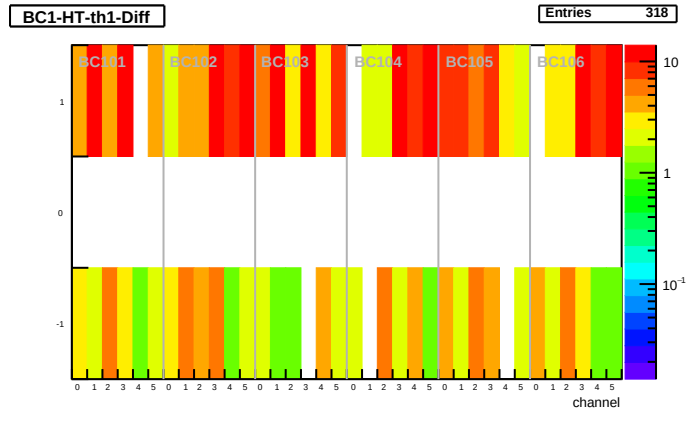

BC1-HT.TP
Entries 8.699256e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

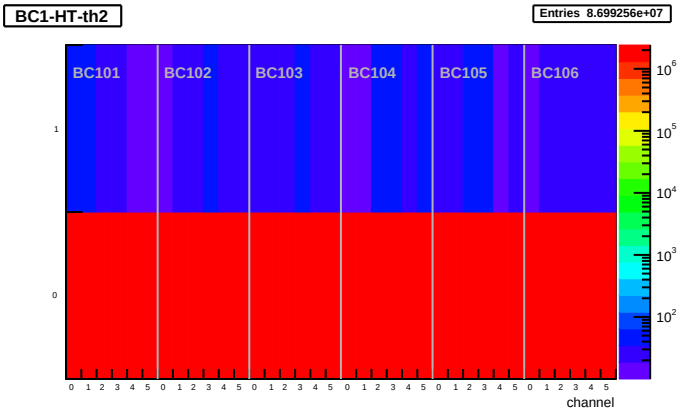

BC1-HT.TP-Diff
Entries 8.669838e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

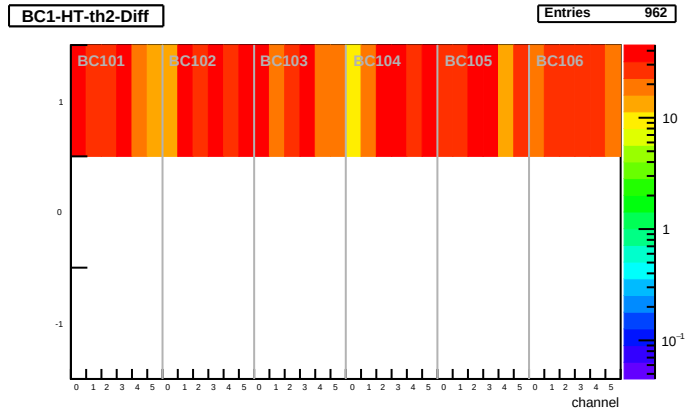

BC1-HT-th0
Entries 8.699256e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

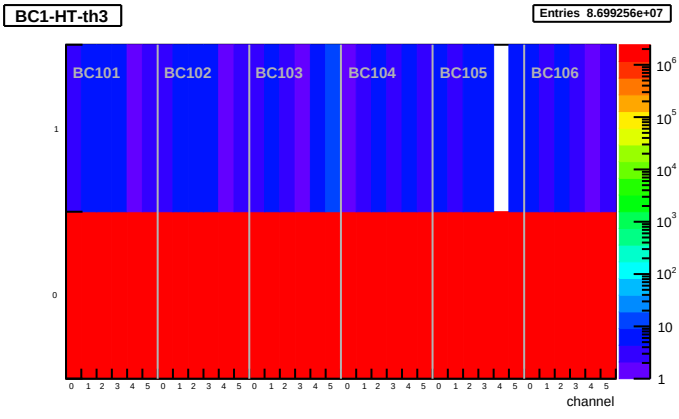

BC1-HT-th0-Diff
Entries 11492
BC101
BC102
BC103
BC104
BC105
BC106
channel

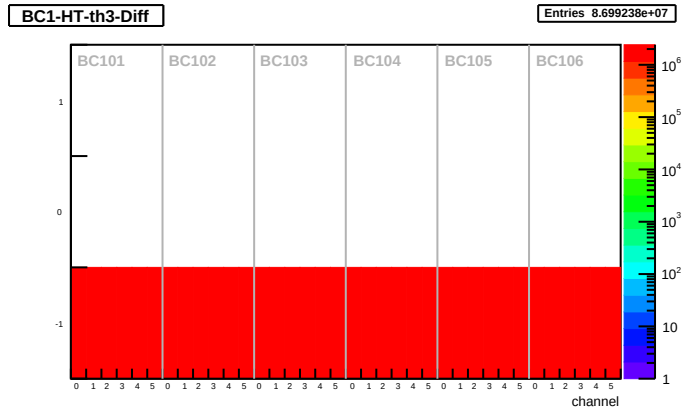

BC1-HT-th1
Entries 8.699256e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

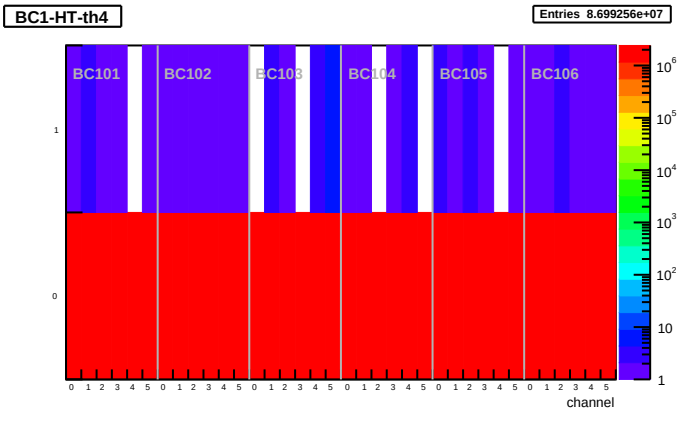

BC1-HT-th1-Diff
Entries 318
BC101
BC102
BC103
BC104
BC105
BC106
channel

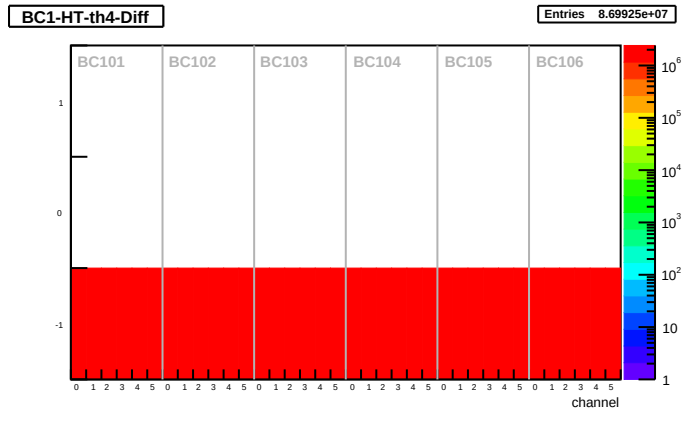

BC1-HT-th2
Entries 8.699256e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

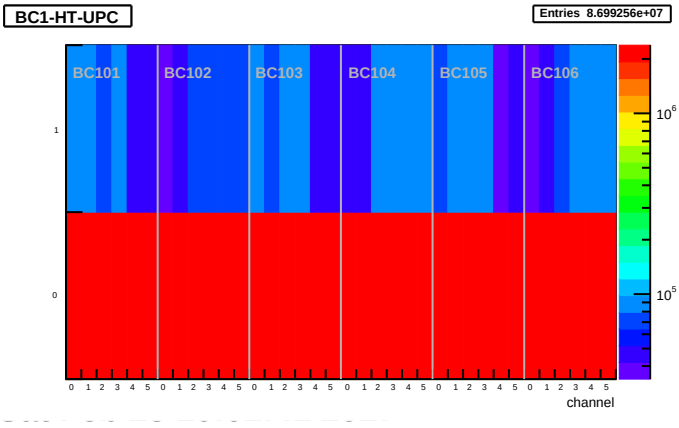

BC1-HT-th2-Diff
Entries 962
BC101
BC102
BC103
BC104
BC105
BC106
channel

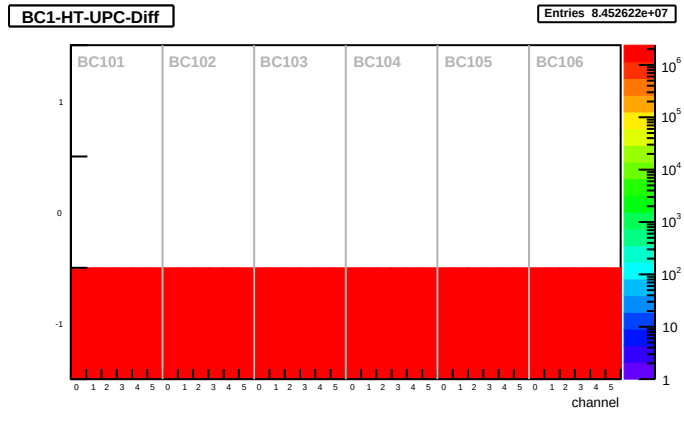

BC1-HT-th3
Entries 8.699256e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

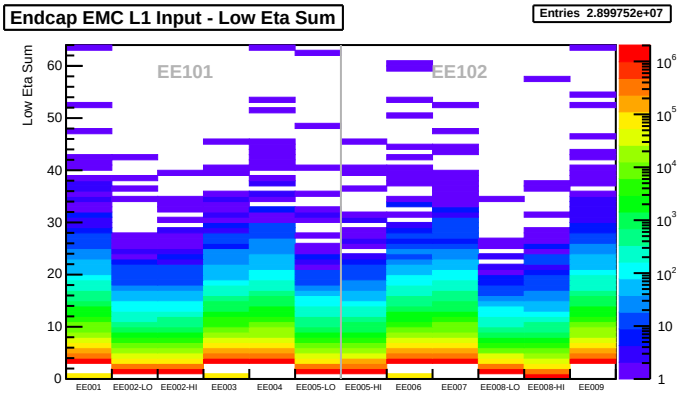

BC1-HT-th3-Diff
Entries 8.699238e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

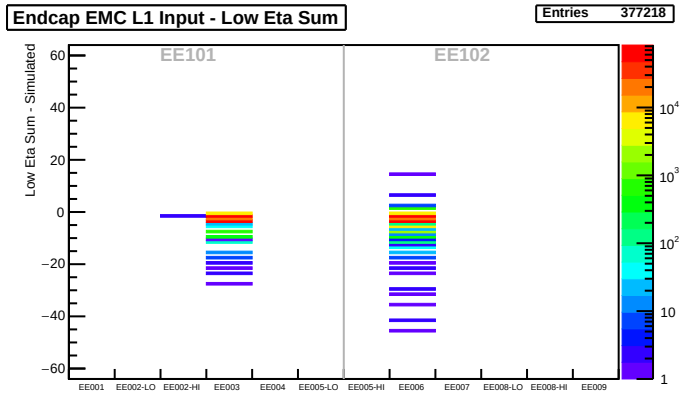

BC1-HT-th4
Entries 8.699256e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

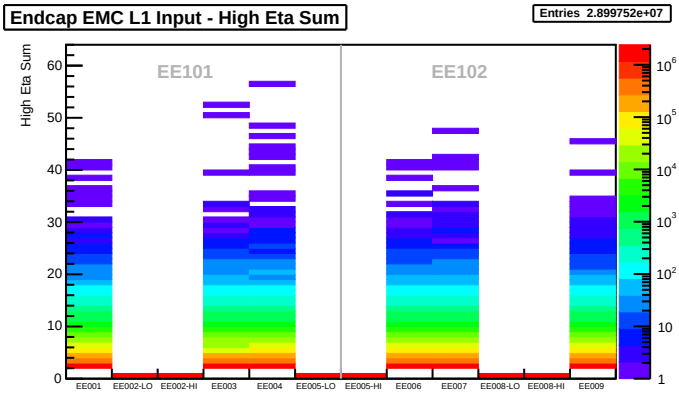

BC1-HT-th4-Diff
Entries 8.69925e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

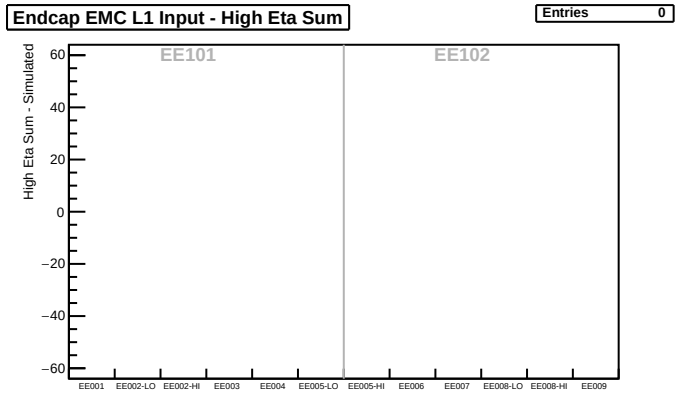

BC1-HT-UPC
Entries 8.699256e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

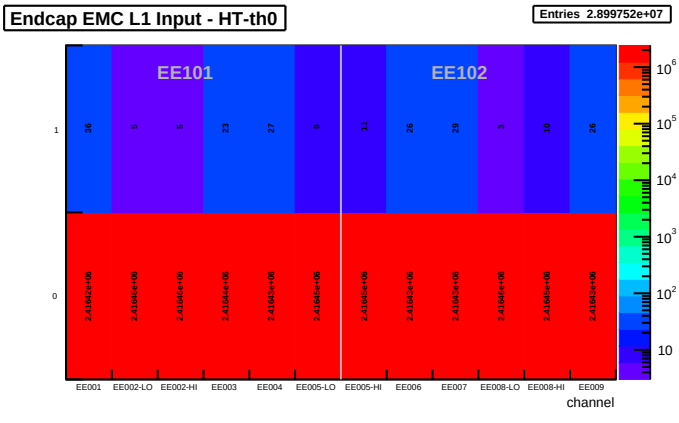

BC1-HT-UPC-Diff
Entries 8.452622e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

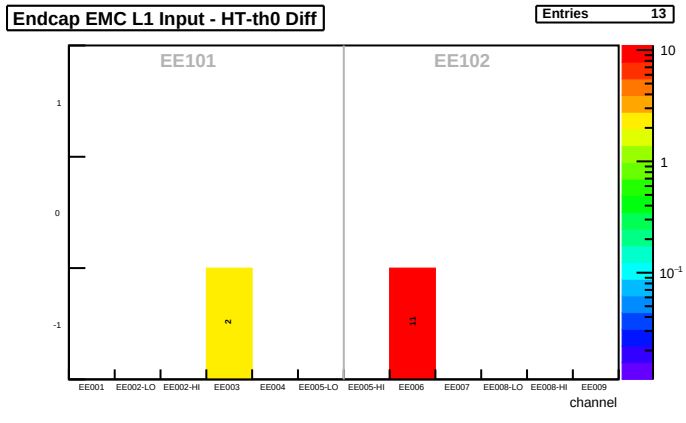

Endcap EMC L1 Input - Low Eta Sum
Entries 2.899752e+07
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

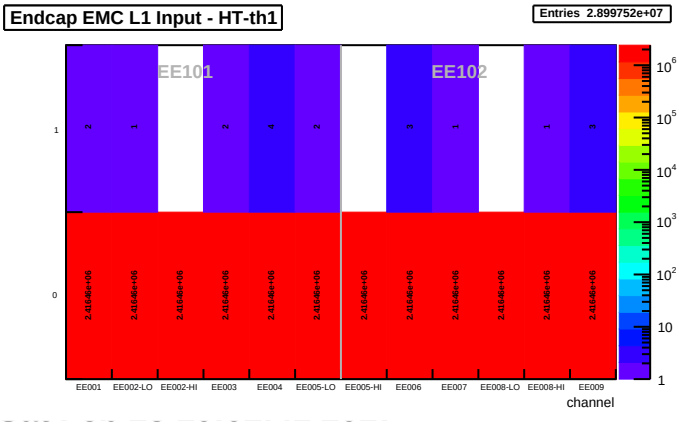

Endcap EMC L1 Input - Low Eta Sum
Entries 377218
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

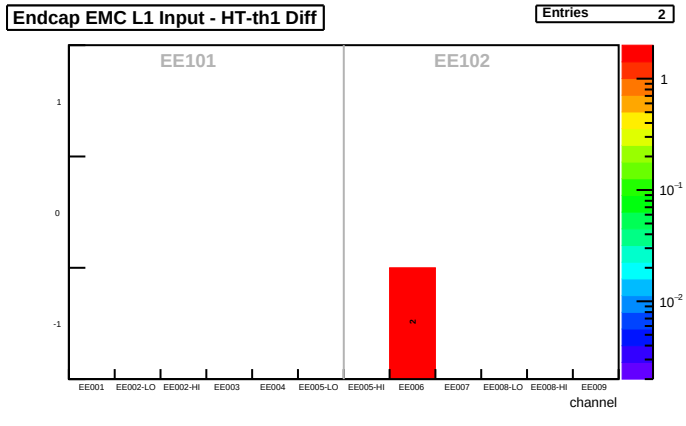

Endcap EMC L1 Input - High Eta Sum
Entries 2.899752e+07
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

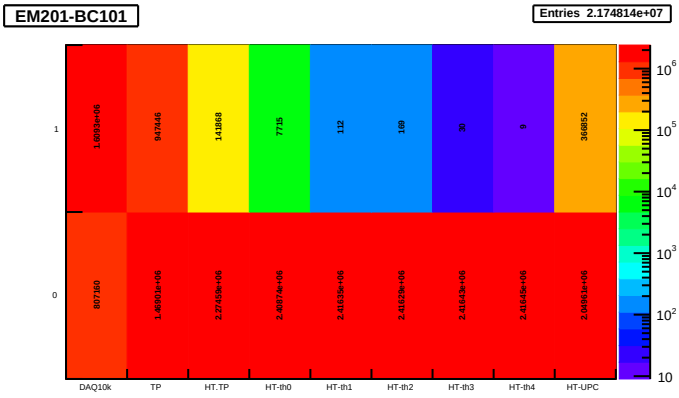

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

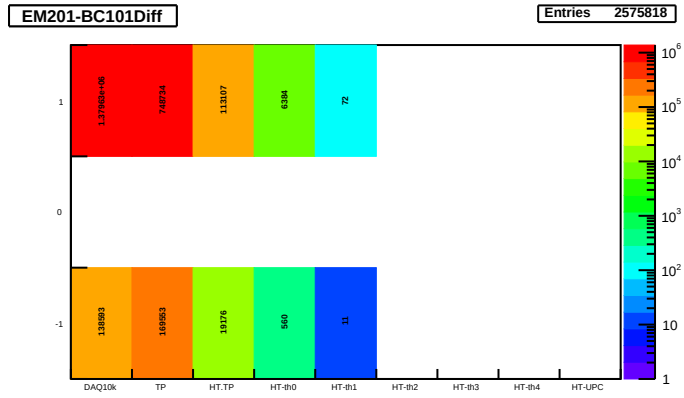

Endcap EMC L1 Input - HT-th0
Entries 2.899752e+07
EE101
EE102
channel

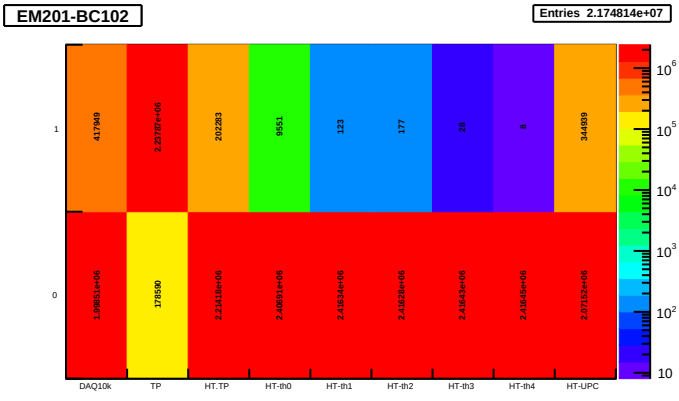

Endcap EMC L1 Input - HT-th0 Diff
Entries 13
EE101
EE102
channel

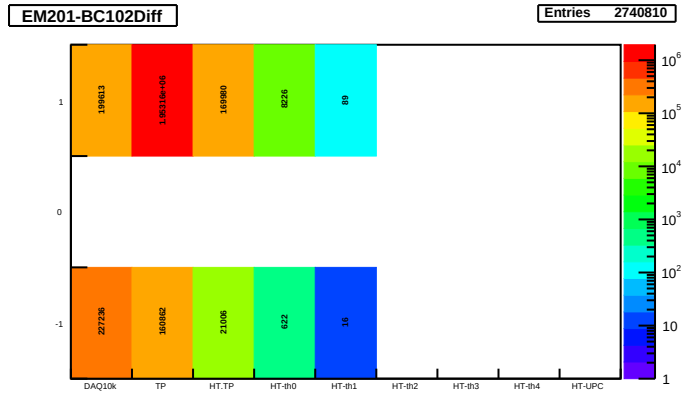

Endcap EMC L1 Input - HT-th1
Entries 2.899752e+07
EE101
EE102
channel

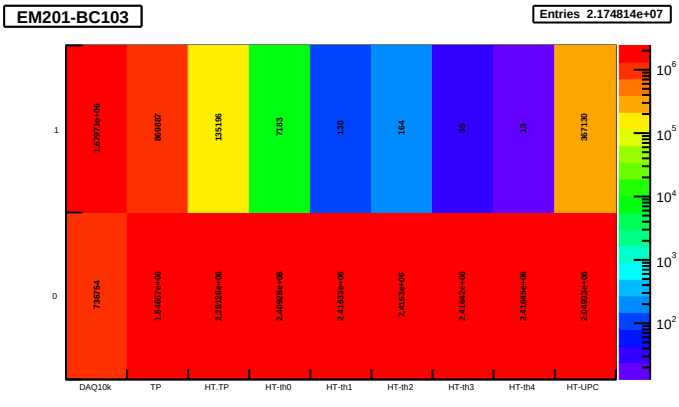

Endcap EMC L1 Input - HT-th1 Diff
Entries 2
EE101
EE102
channel

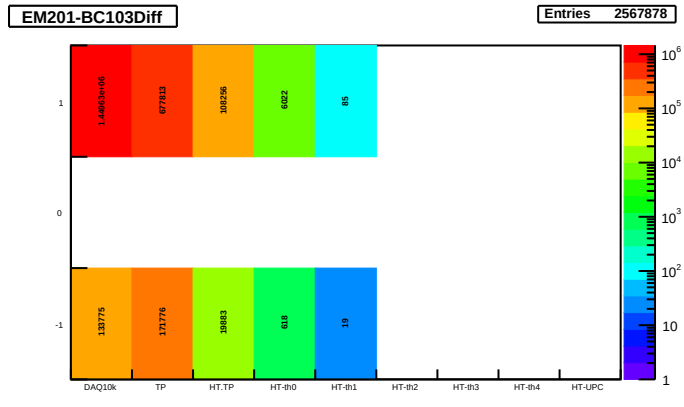

EM201-BC101
Entries 2.174814e+07
1.6093e+06
947446
141868
7715
112
169
30
9
368652
807160
1.4690e+06
2.2745e+06
2.4087e+06
2.4163e+06
2.4162e+06
2.4164e+06
2.4164e+06
2.0095e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

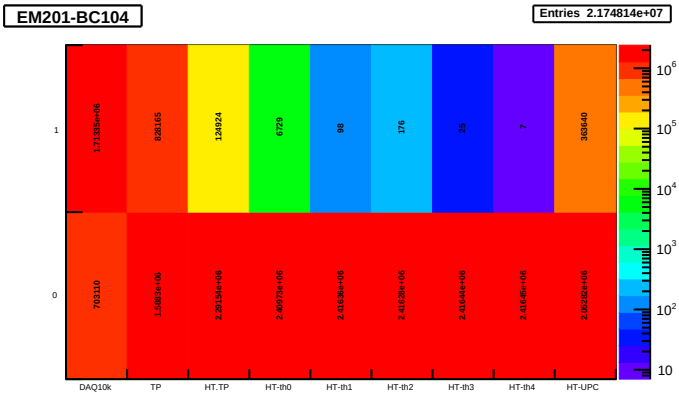

EM201-BC101Diff
Entries 2575818
1.3765e+06
748734
113107
6394
72
138593
169563
19176
560
11
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

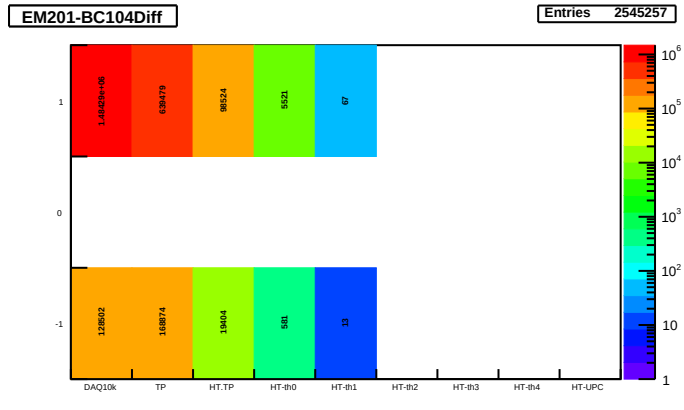

EM201-BC102
Entries 2.174814e+07
417949
2.2378e+06
202283
9551
123
177
28
8
344039
1.9851e+06
178590
2.2101e+06
2.4091e+06
2.4164e+06
2.4162e+06
2.4164e+06
2.4164e+06
2.0715e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC102Diff
Entries 2740810
199613
1.9531e+06
169980
8226
89
227236
160982
21006
622
16
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

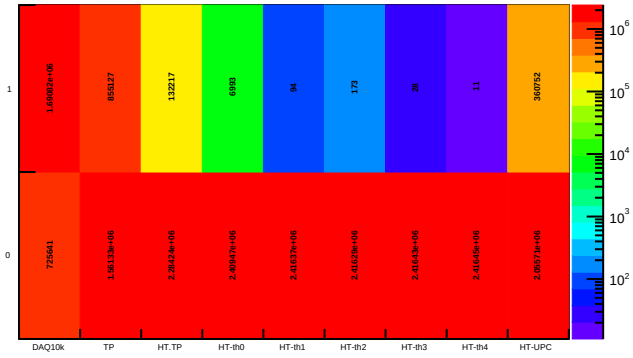

EM201-BC103
Entries 2.174814e+07
1.6797e+06
869887
135196
7183
130
164
35
13
367130
736754
1.5467e+06
2.2812e+06
2.4092e+06
2.4163e+06
2.4163e+06
2.4164e+06
2.4165e+06
2.0403e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC103Diff
Entries 2567878
1.4463e+06
677813
108256
6022
85
133775
171776
19883
618
19
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

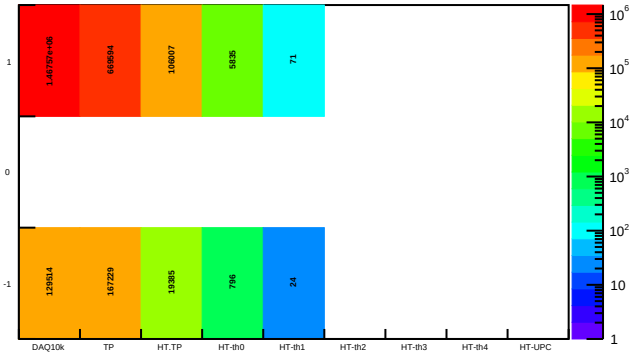

EM201-BC104
Entries 2.174814e+07
1.7135e+06
828165
124924
6729
98
176
25
7
363640
703110
1.5883e+06
2.2915e+06
2.4073e+06
2.4163e+06
2.4162e+06
2.4164e+06
2.4165e+06
2.0528e+06
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC104Diff
Entries 2545257
1.4842e+06
638479
98524
5521
67
128502
168874
19404
581
13
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

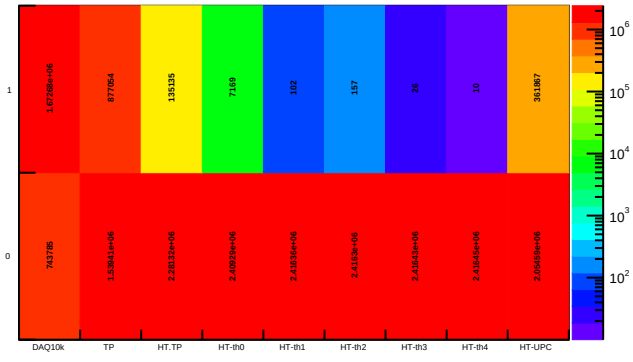
EM201-BC105 Entries 2.174814e+07



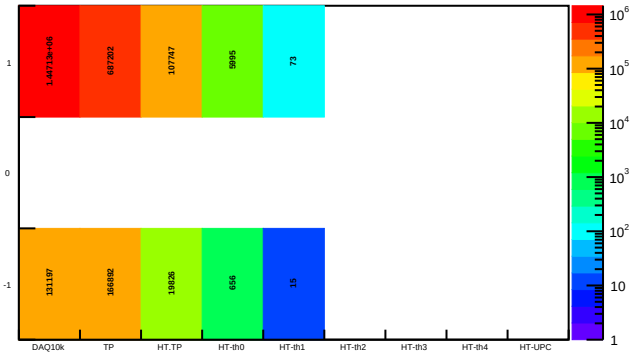
EM201-BC105Diff Entries 2566026



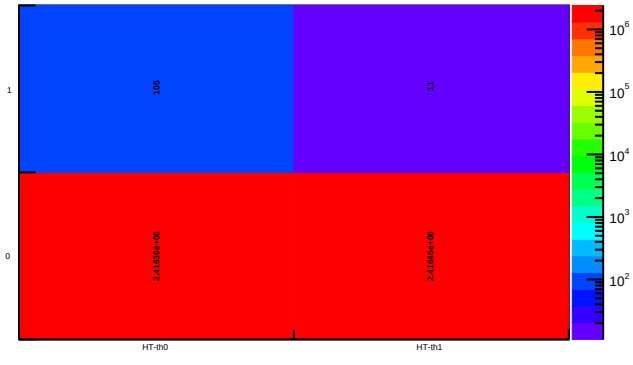
EM201-BC106 Entries 2.174814e+07



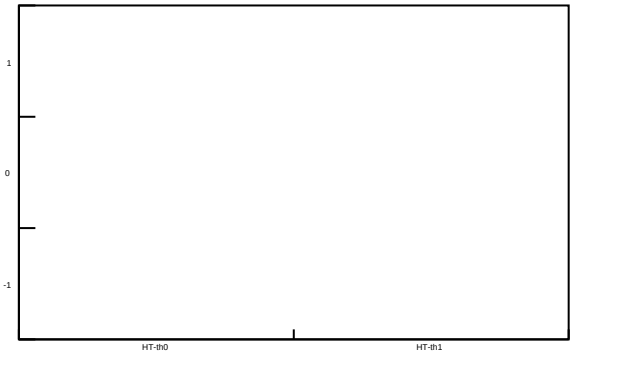
EM201-BC106Diff Entries 2566731



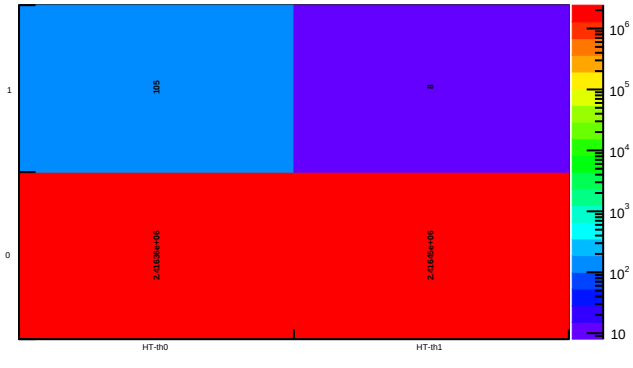
EM201-EE101 Entries 4832920



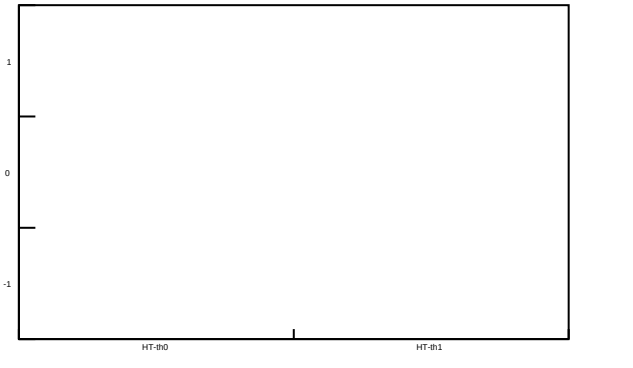
EM201-EE101Diff Entries 0

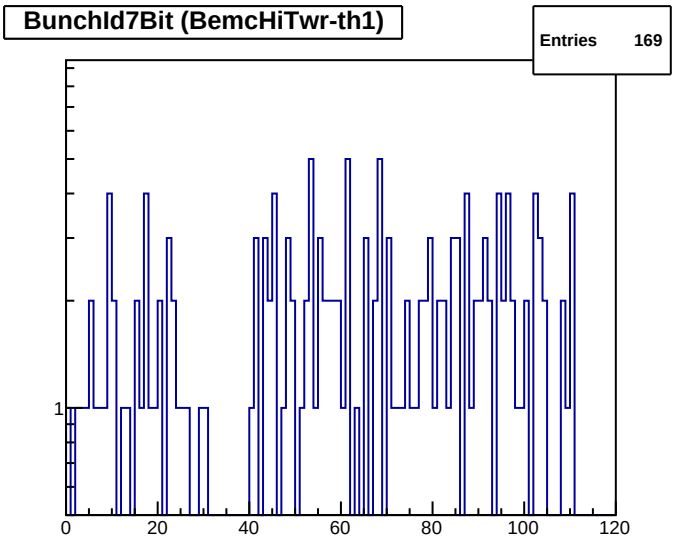


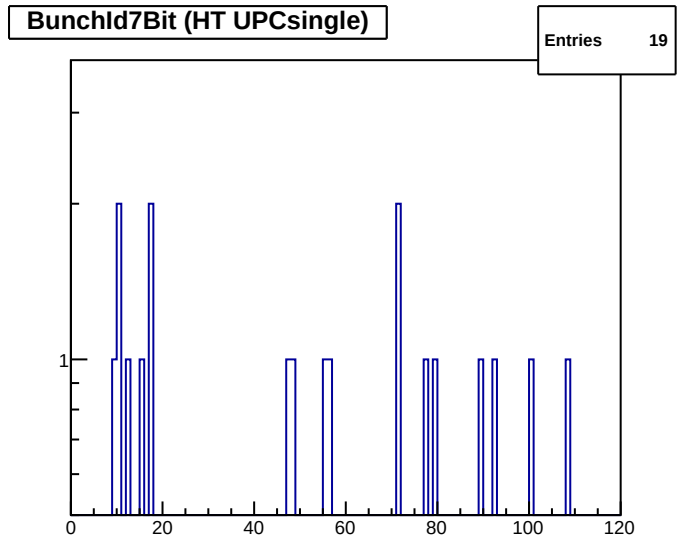
EM201-EE102 Entries 4832920

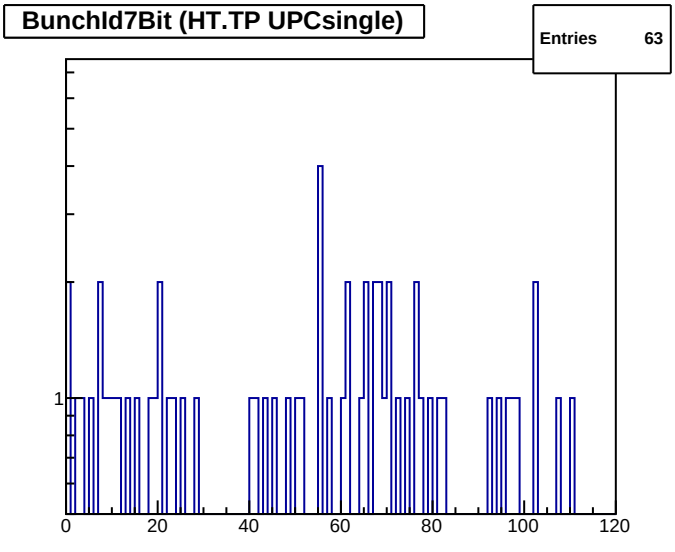


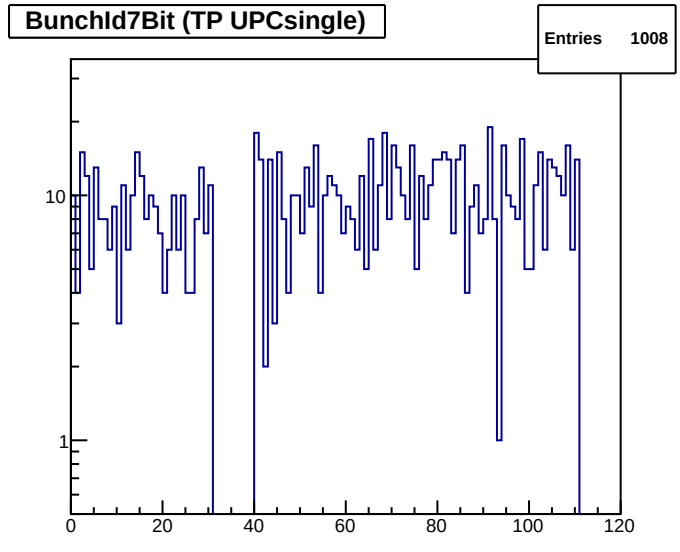
EM201-EE102Diff Entries 0

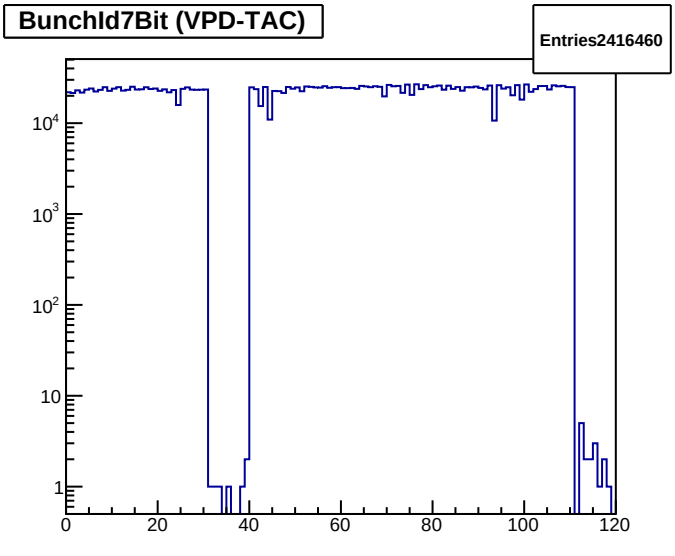


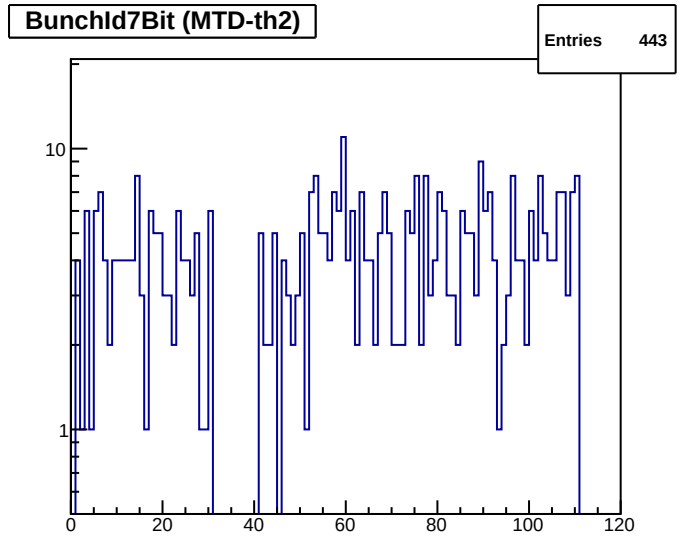

BunchId7Bit (BemcHiTwr-th1)
Entries 169
1
0 20 40 60 80 100 120

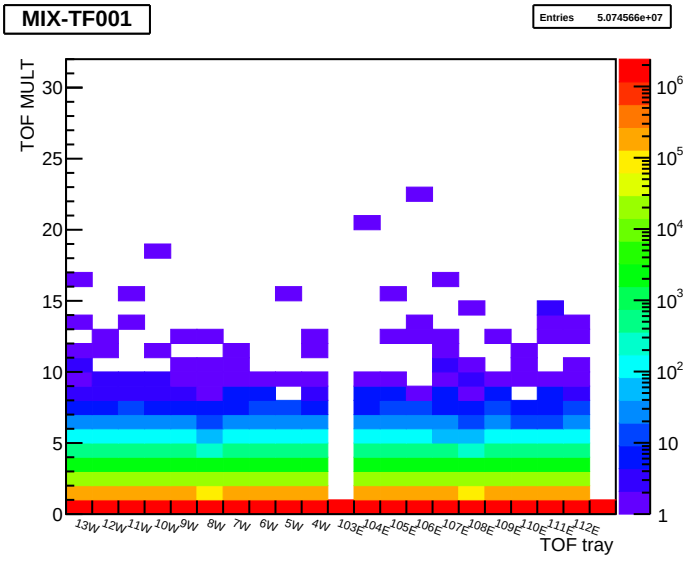

BunchId7Bit (HT UPCsingle)
Entries 19
1
0 20 40 60 80 100 120

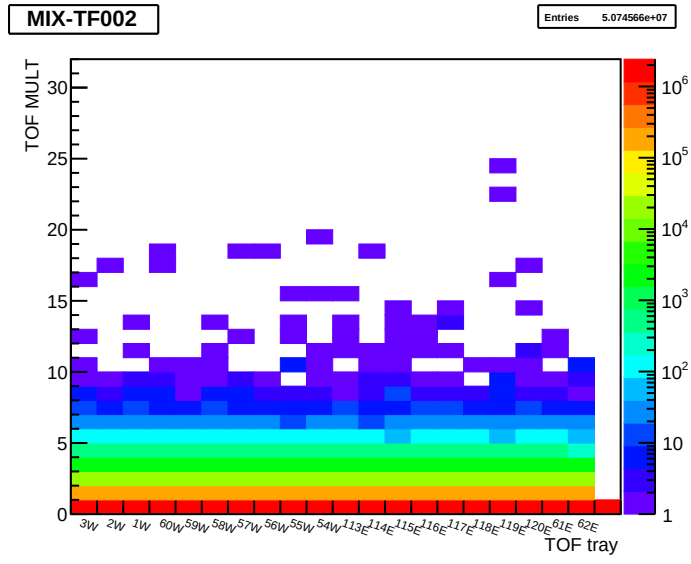

BunchId7Bit (HT.TP UPCsingle)
Entries 63
1
0 20 40 60 80 100 120

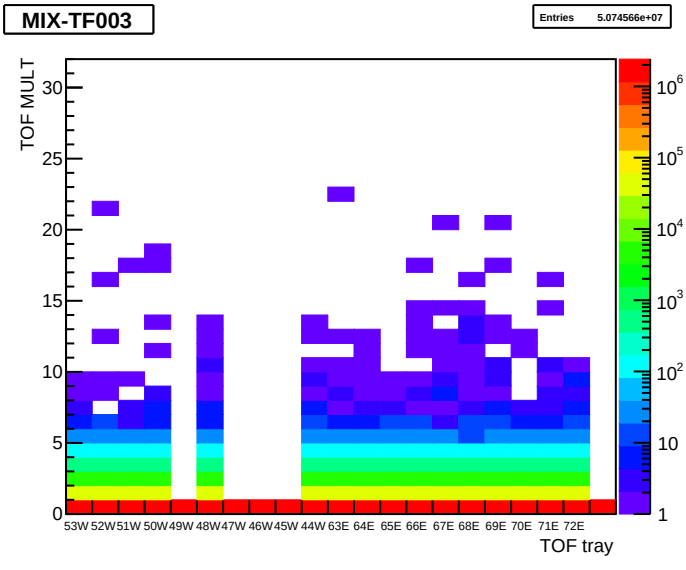

BunchId7Bit (TP UPCsingle)
Entries 1008
10
1
0 20 40 60 80 100 120

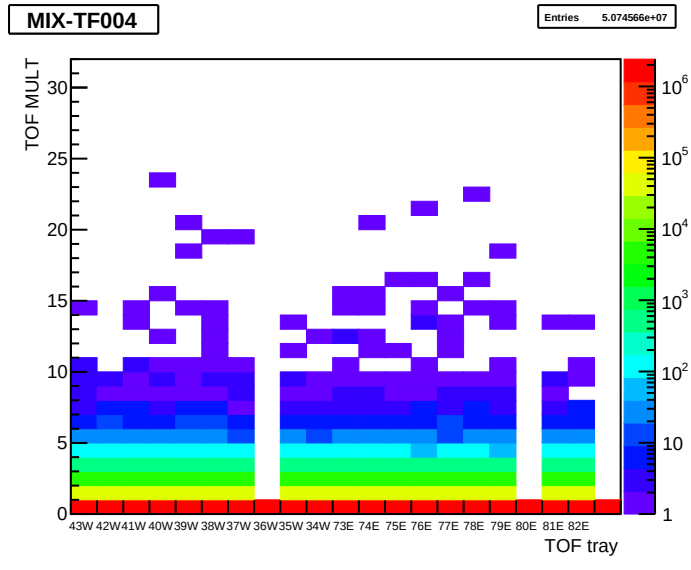

BunchId7Bit (VPD-TAC)
Entries2416460
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120

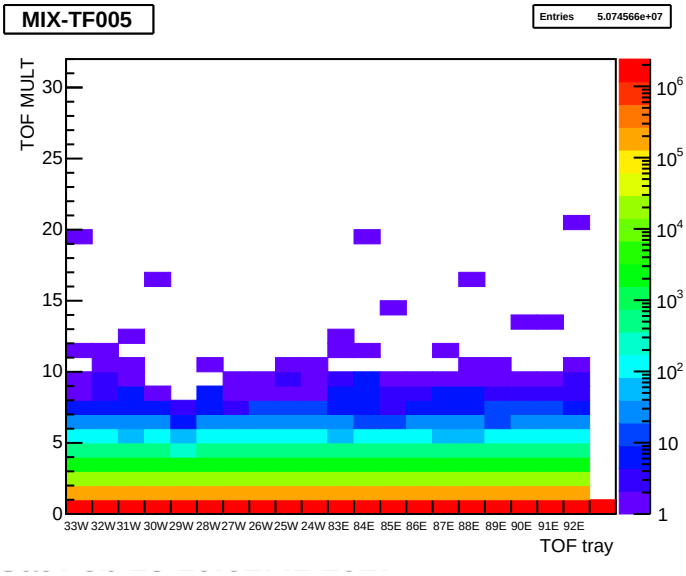

BunchId7Bit (MTD-th2)
Entries 443
10
1
0 20 40 60 80 100 120

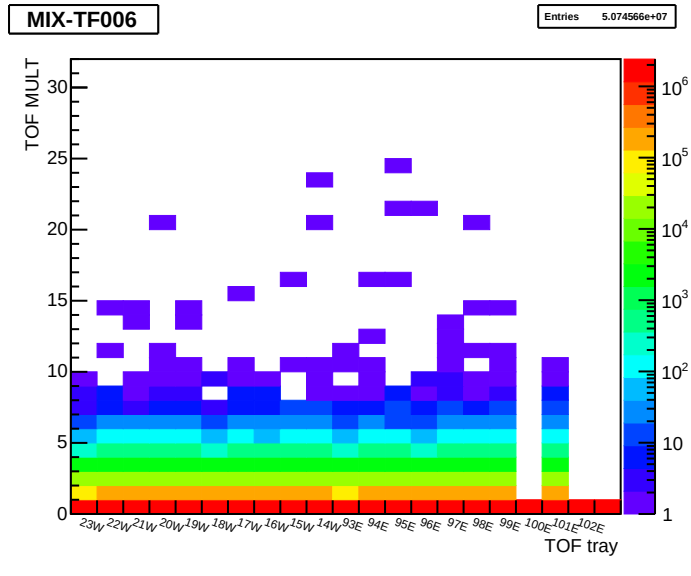

MIX-TF001
Entries 5.074566e+07
TOF MULT
TOF tray

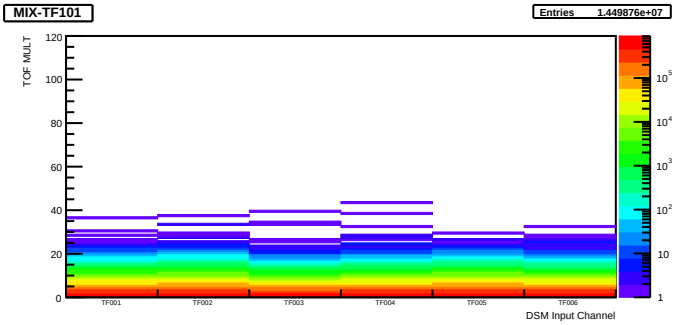

MIX-TF002
Entries 5.074566e+07
TOF MULT
TOF tray

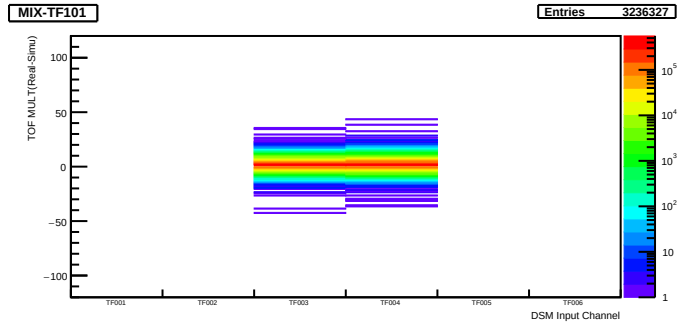

MIX-TF003
Entries 5.074566e+07
TOF MULT
TOF tray

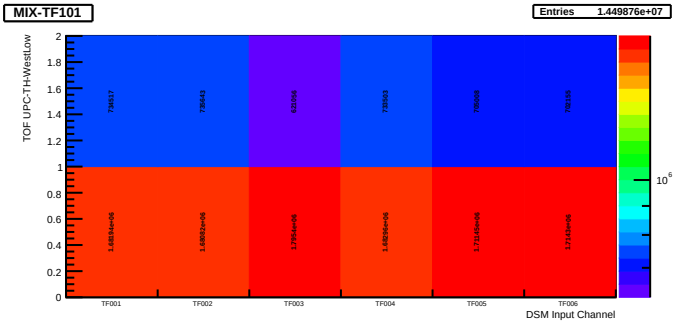

MIX-TF004
Entries 5.074566e+07
TOF MULT
TOF tray

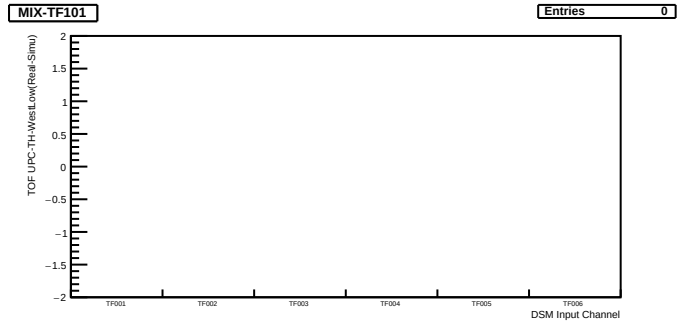

MIX-TF005
Entries 5.074566e+07
TOF MULT
TOF tray

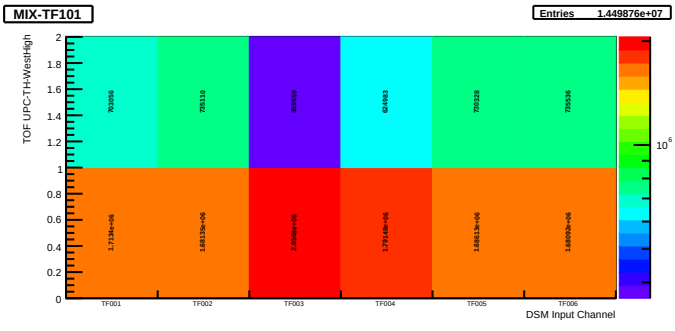

MIX-TF006
Entries 5.074566e+07
TOF MULT
TOF tray

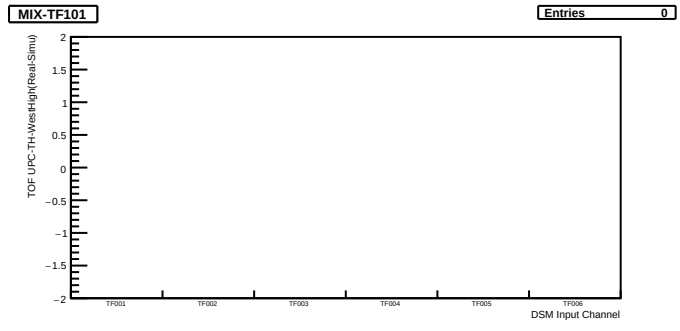

MIX-TF101
Entries 1.449876e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

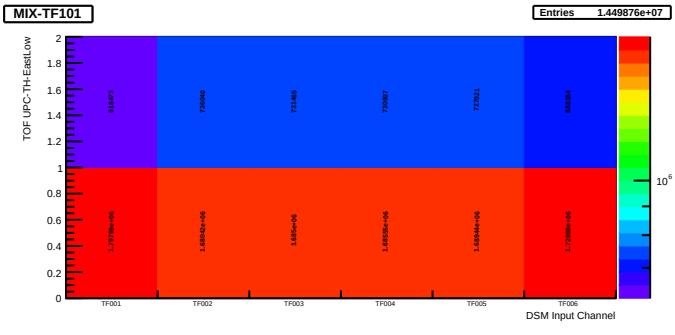

MIX-TF101
Entries 3236327
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

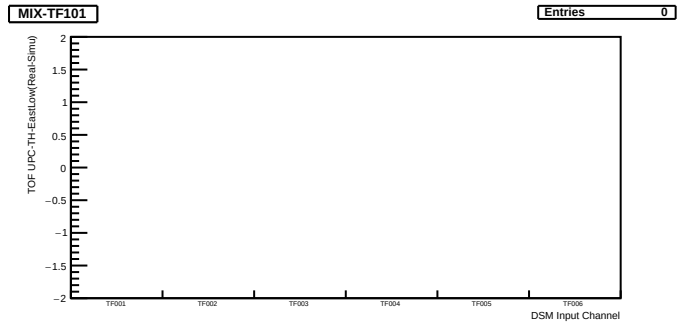

MIX-TF101
Entries 1.449876e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

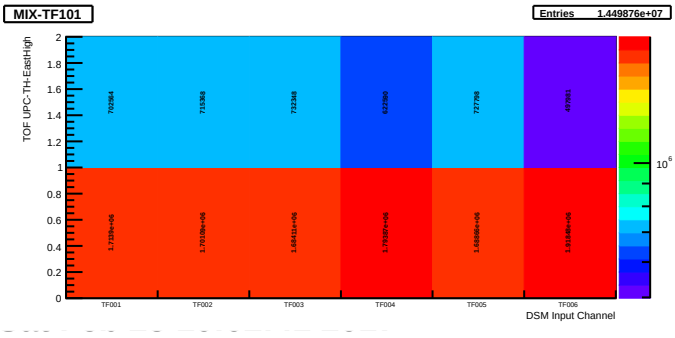

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

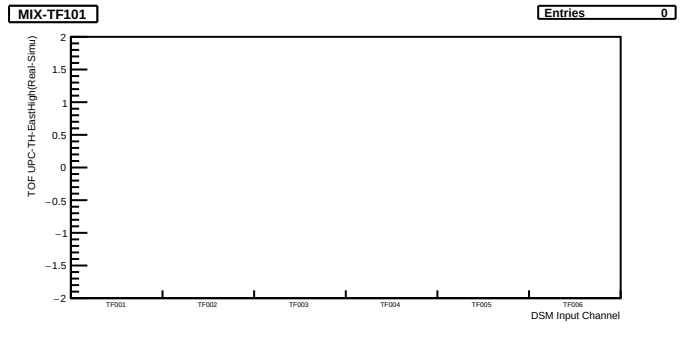

MIX-TF101
Entries 1.449876e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

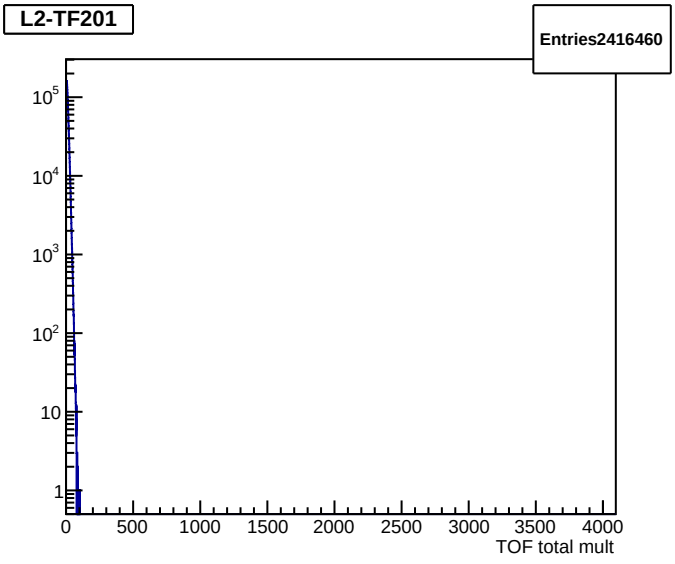

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

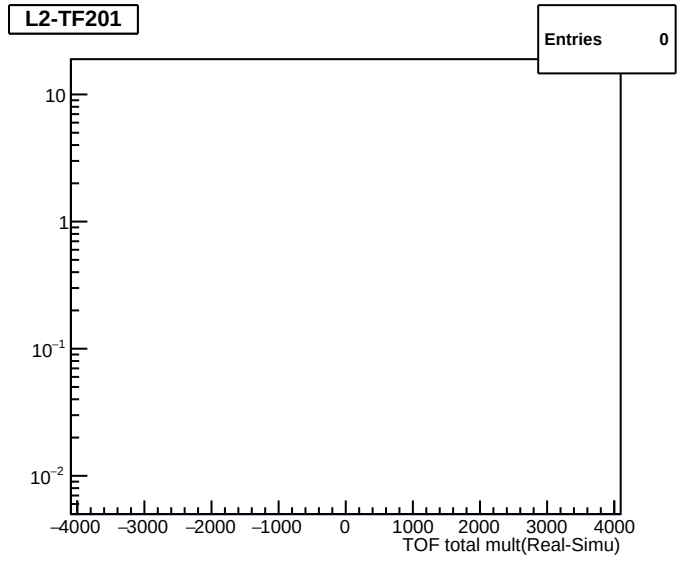

MIX-TF101
Entries 1.449876e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

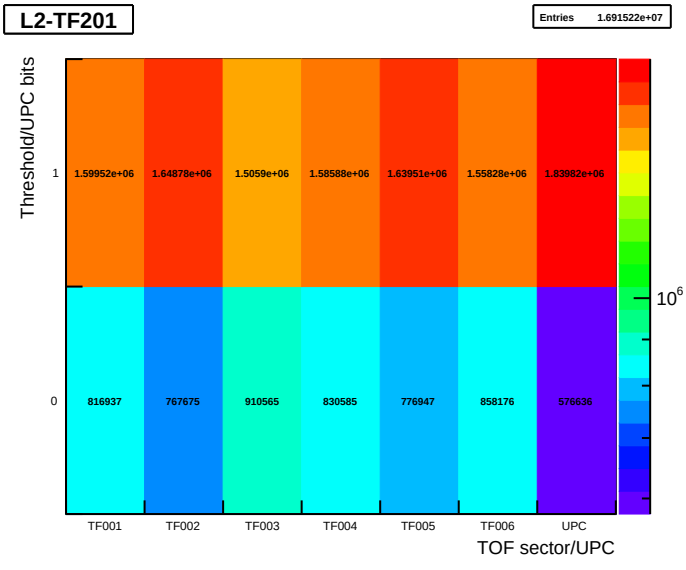

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

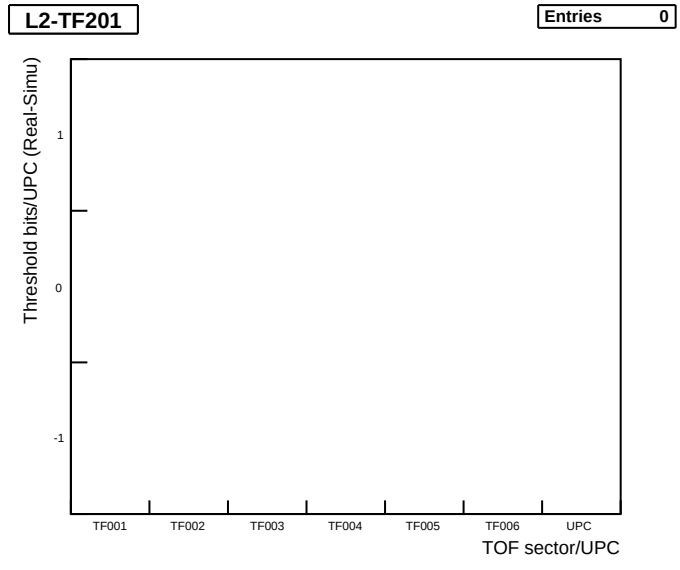

MIX-TF101
Entries 1.449876e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

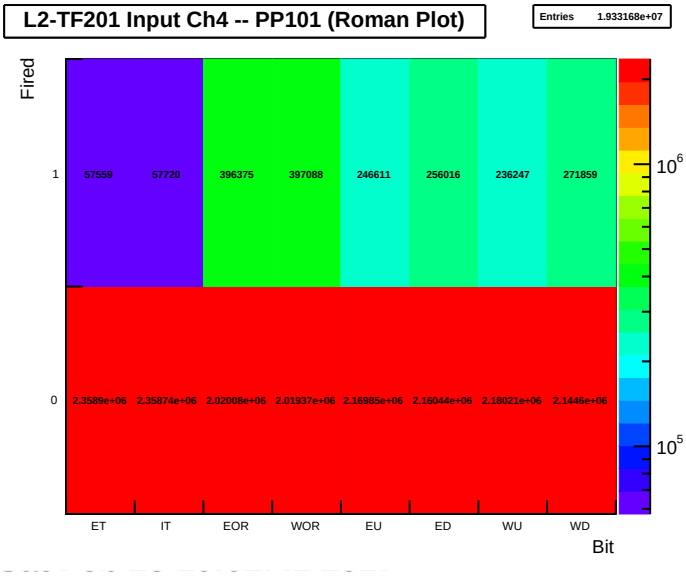

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

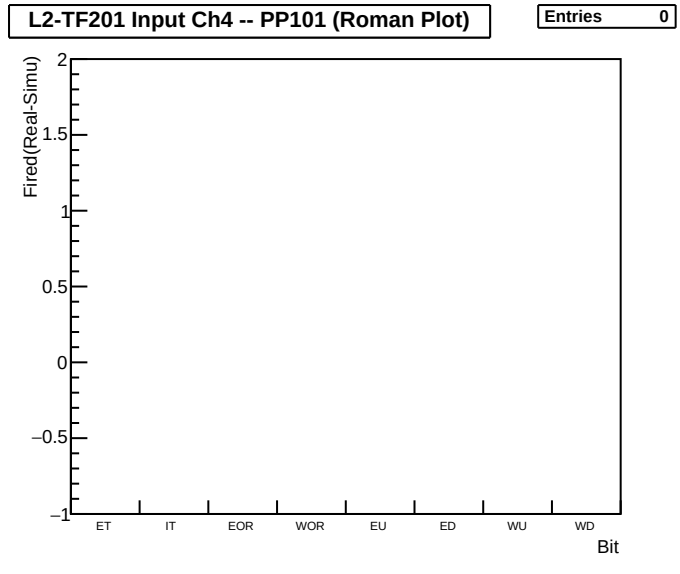

L2-TF201
Entries2416460
TOF total mult

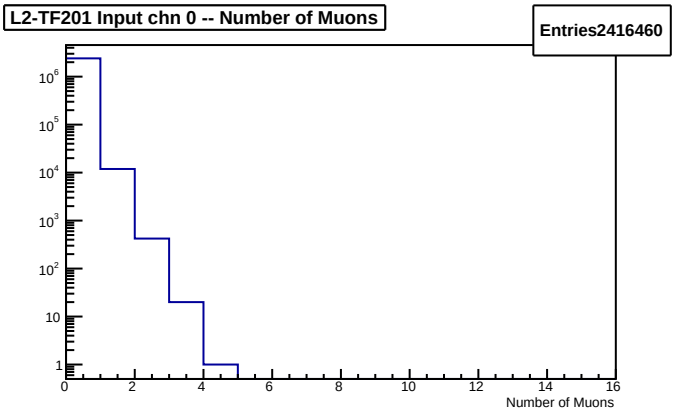

L2-TF201
Entries 0
TOF total mult(Real-Simu)

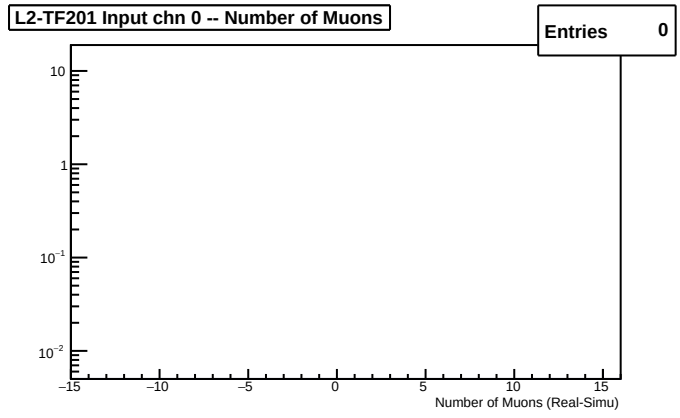

L2-TF201
Entries 1.691522e+07
Threshold/UPC bits
1.59952e+06
1.64878e+06
1.5059e+06
1.58588e+06
1.63951e+06
1.55828e+06
1.83982e+06
816937
767675
910565
830585
776947
858176
576636
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

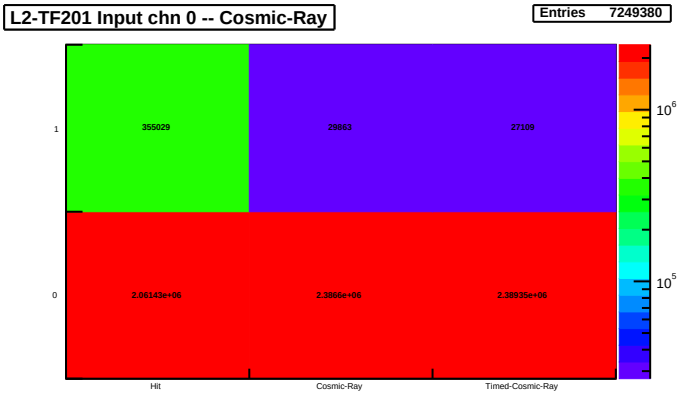

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

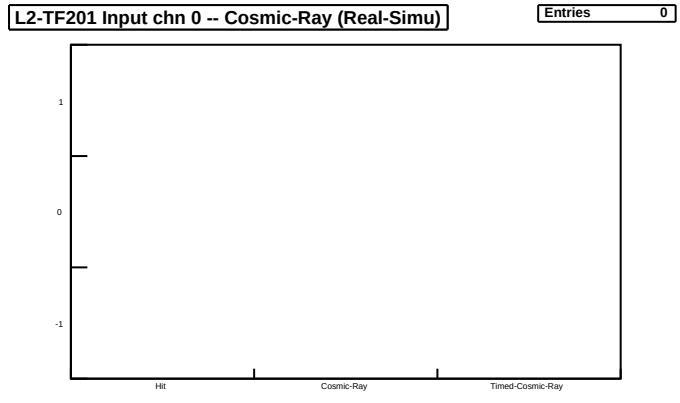

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.933168e+07
Fired
57559
57720
396375
397088
246611
256016
236247
271859
2.3589e+06
2.35874e+06
2.02008e+06
2.01937e+06
2.16985e+06
2.16044e+06
2.18021e+06
2.1446e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

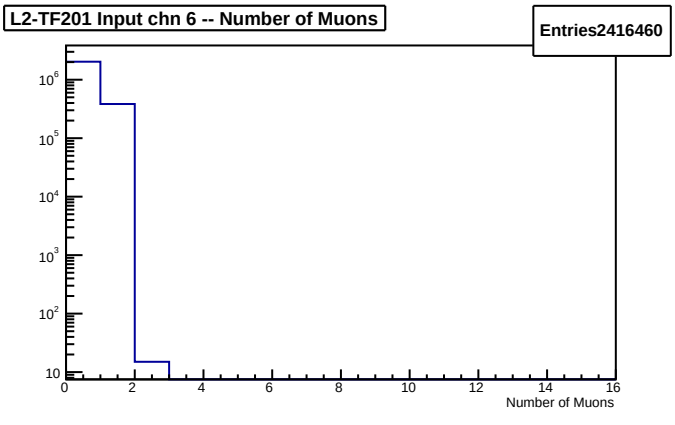

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

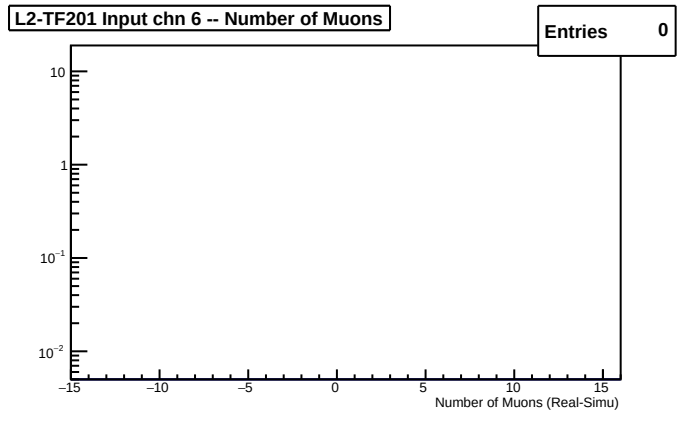

L2-TF201 Input chn 0 -- Number of Muons
Entries2416460
Number of Muons

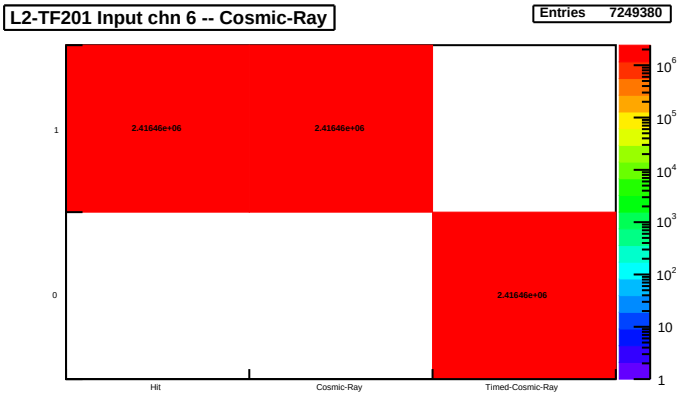

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

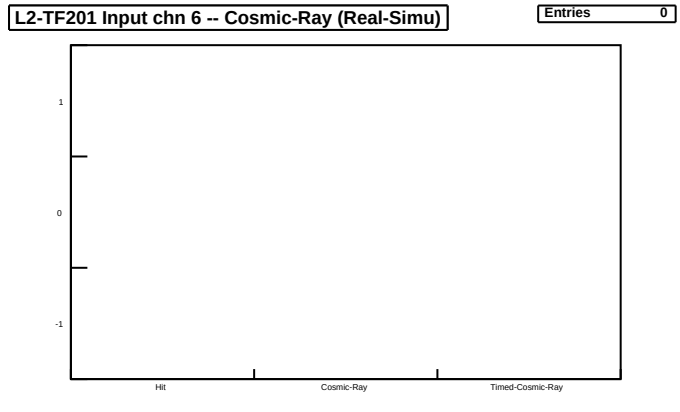

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 7249380
355029
29863
27109
2.06143e+06
2.3866e+06
2.38935e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

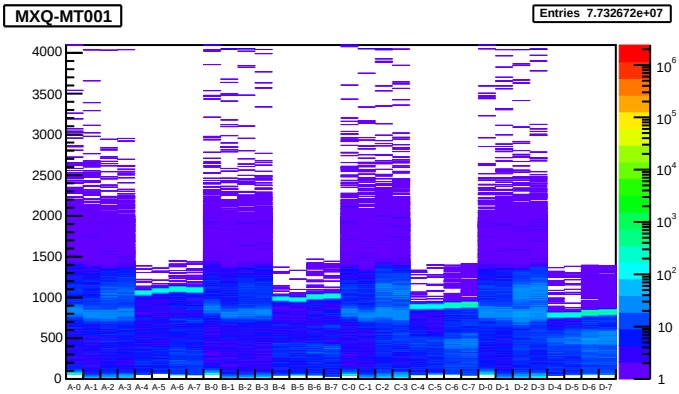

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

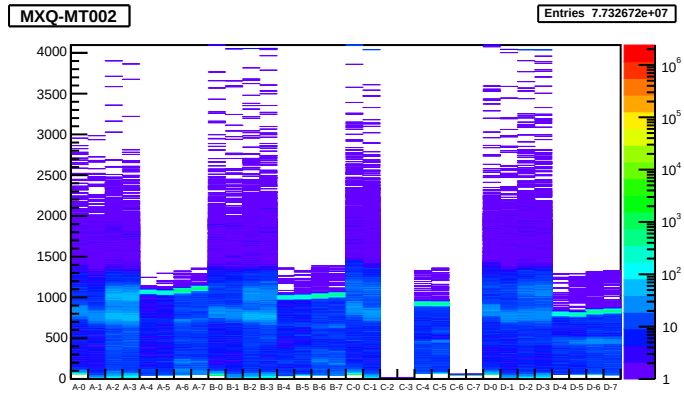

L2-TF201 Input chn 6 -- Number of Muons
Entries2416460
Number of Muons

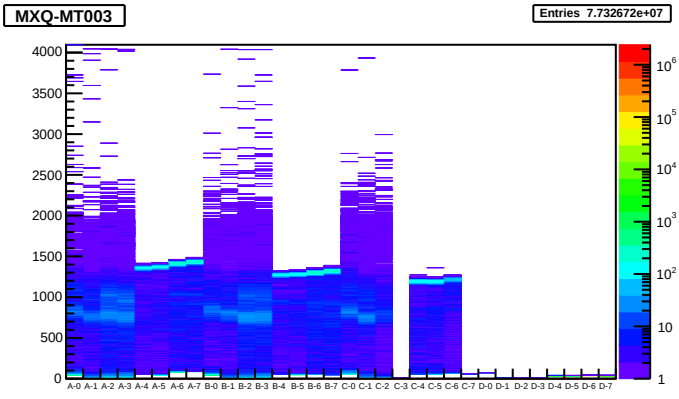

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

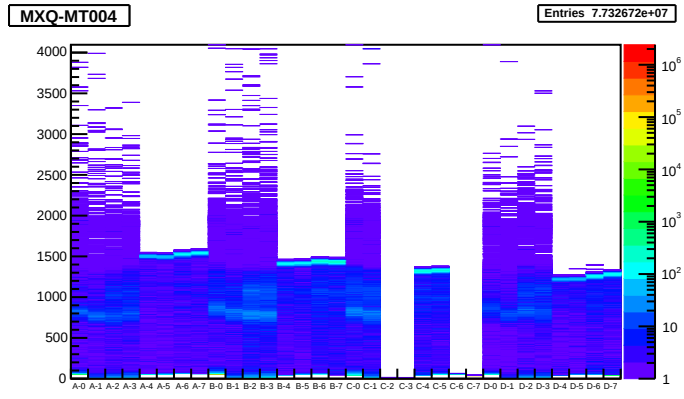

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 7249380
2.41646e+06
2.41646e+06
2.41646e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

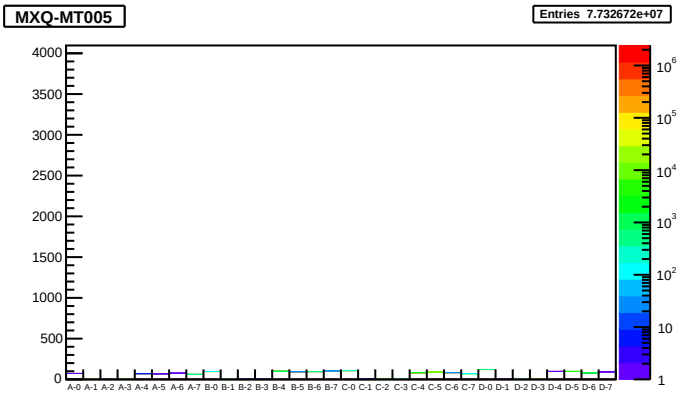

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

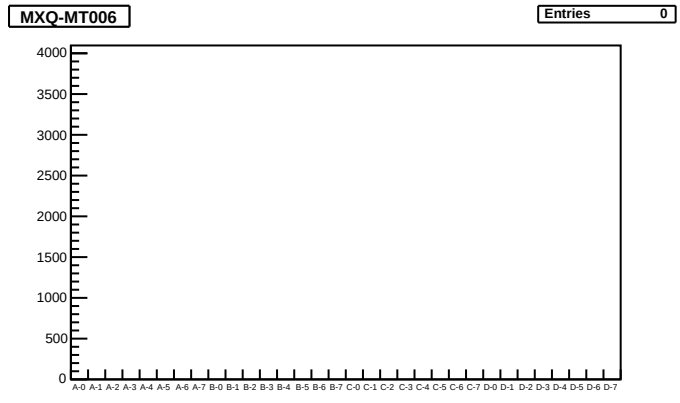

MXQ-MT001
Entries 7.732672e+07

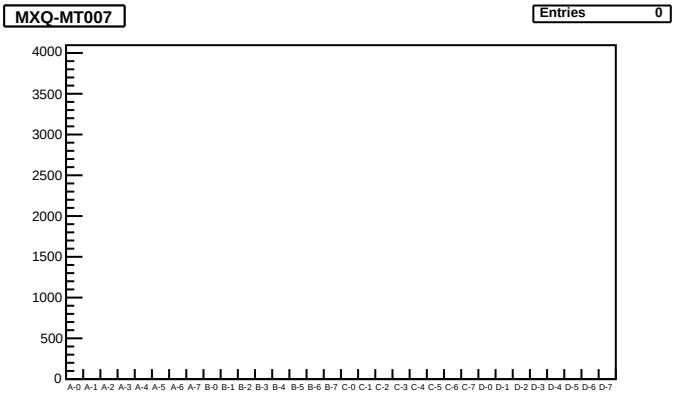

MXQ-MT002
Entries 7.732672e+07

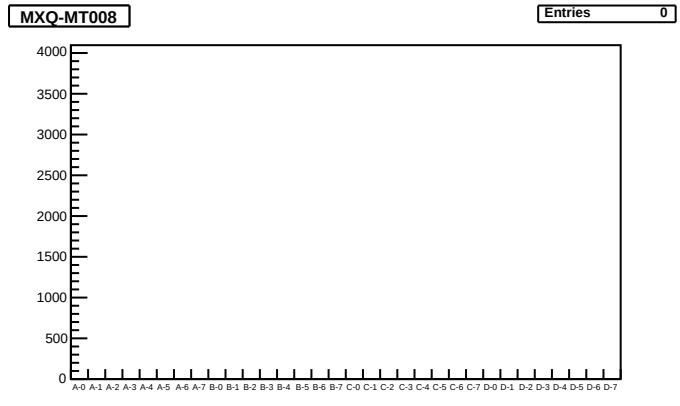

MXQ-MT003
Entries 7.732672e+07

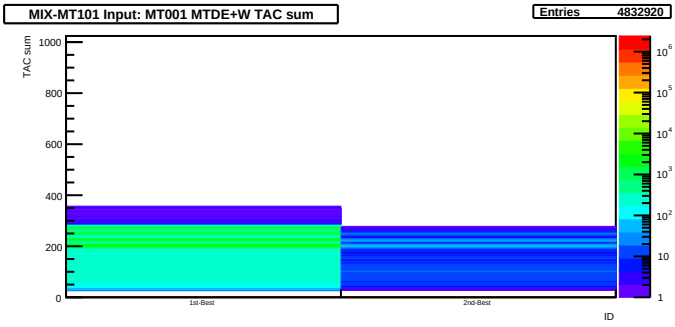

MXQ-MT004
Entries 7.732672e+07

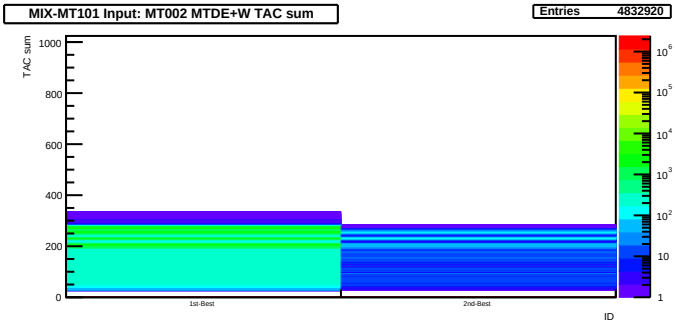

MXQ-MT005
Entries 7.732672e+07

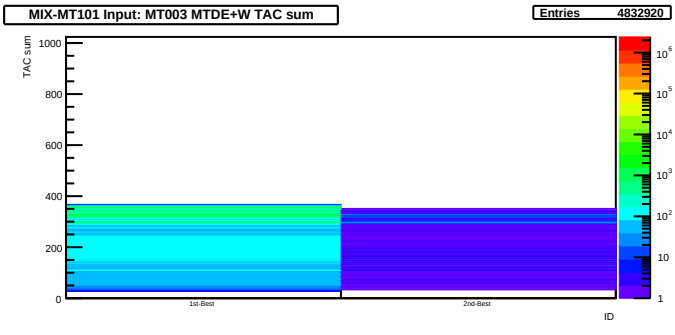

MXQ-MT006
Entries 0

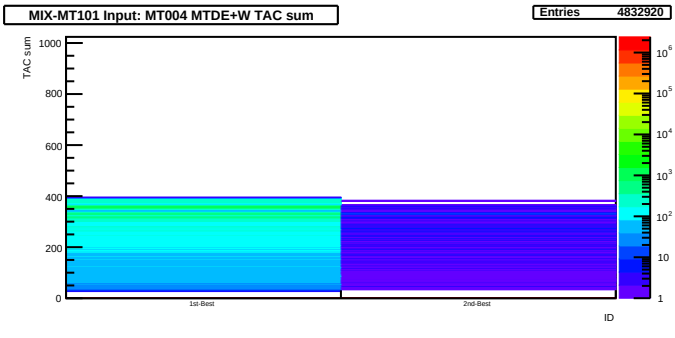

MXQ-MT007
Entries 0

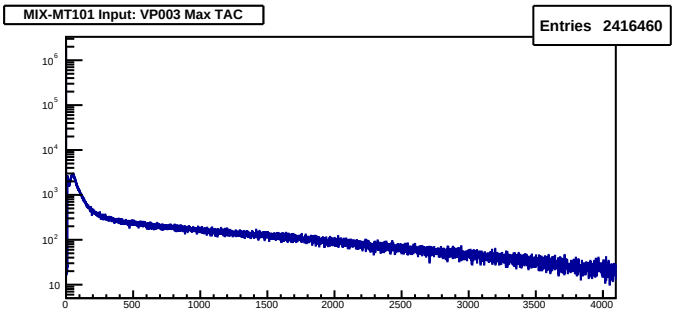

MXQ-MT008
Entries 0

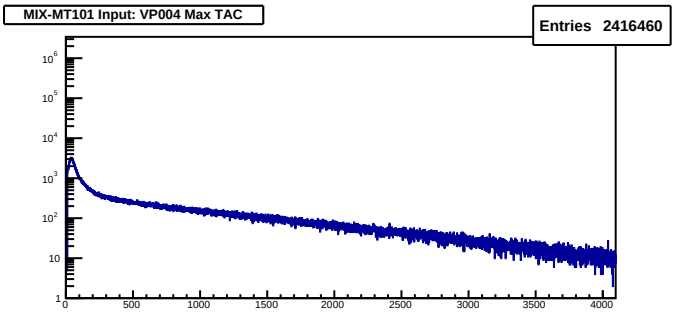

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 4832920
TAC sum
1st-Best
2nd-Best
ID

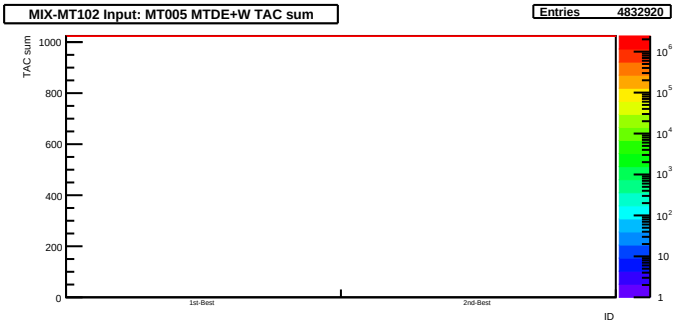

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 4832920
TAC sum
1st-Best
2nd-Best
ID

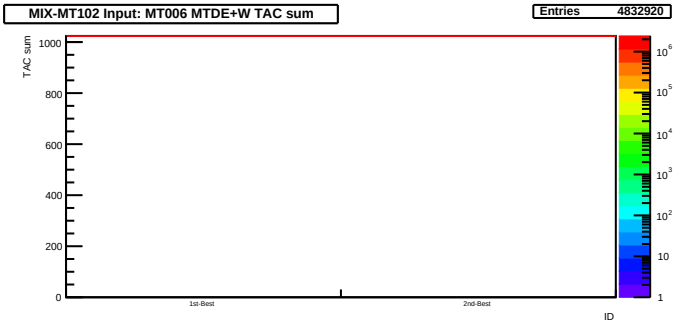

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 4832920
TAC sum
1st-Best
2nd-Best
ID

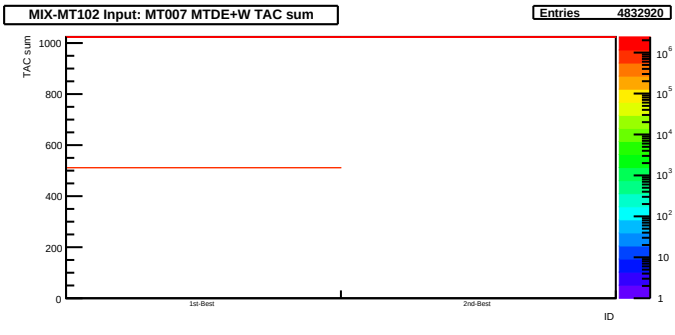

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 4832920
TAC sum
1st-Best
2nd-Best
ID

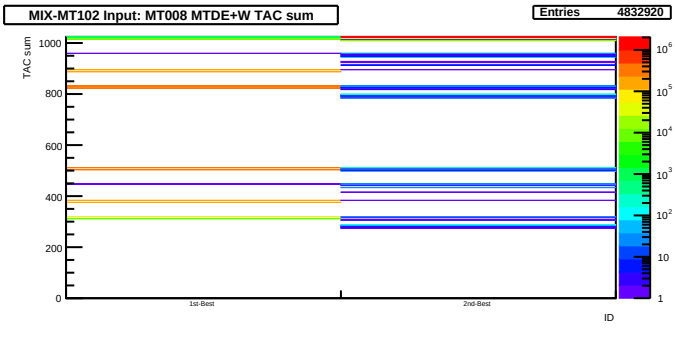

MIX-MT101 Input: VP003 Max TAC
Entries 2416460

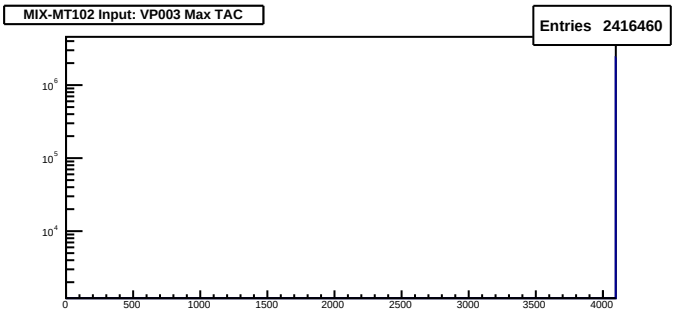

MIX-MT101 Input: VP004 Max TAC
Entries 2416460

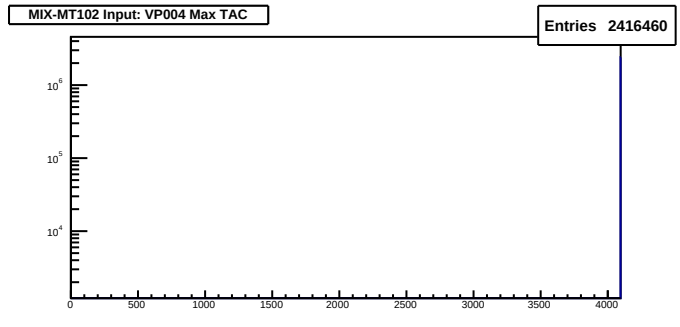

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 4832920
TAC sum
1st-Best
2nd-Best
ID

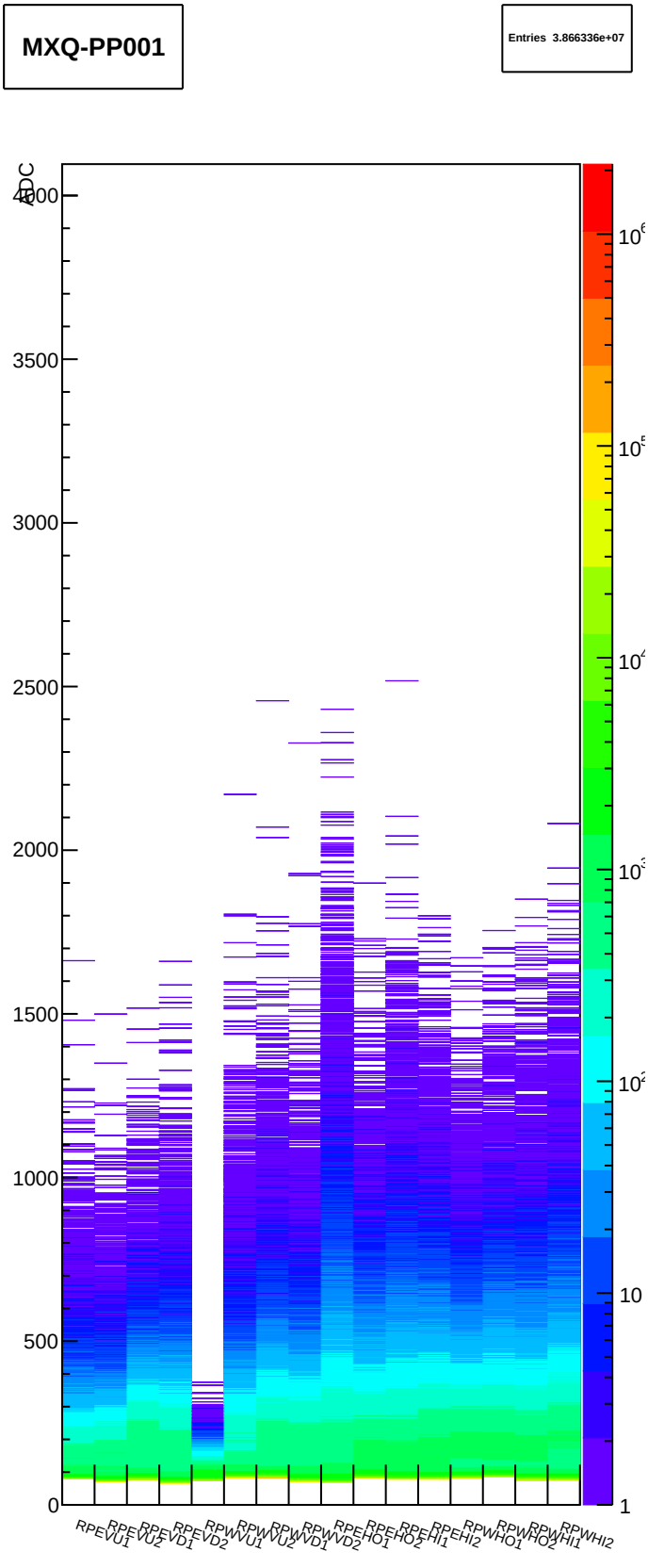

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 4832920
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 4832920
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 4832920
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 2416460


MIX-MT102 Input: VP004 Max TAC
Entries 2416460


MXQ-PP001
Entries 3.866336e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
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RPEHO2
RPEHI1
RPEHI2
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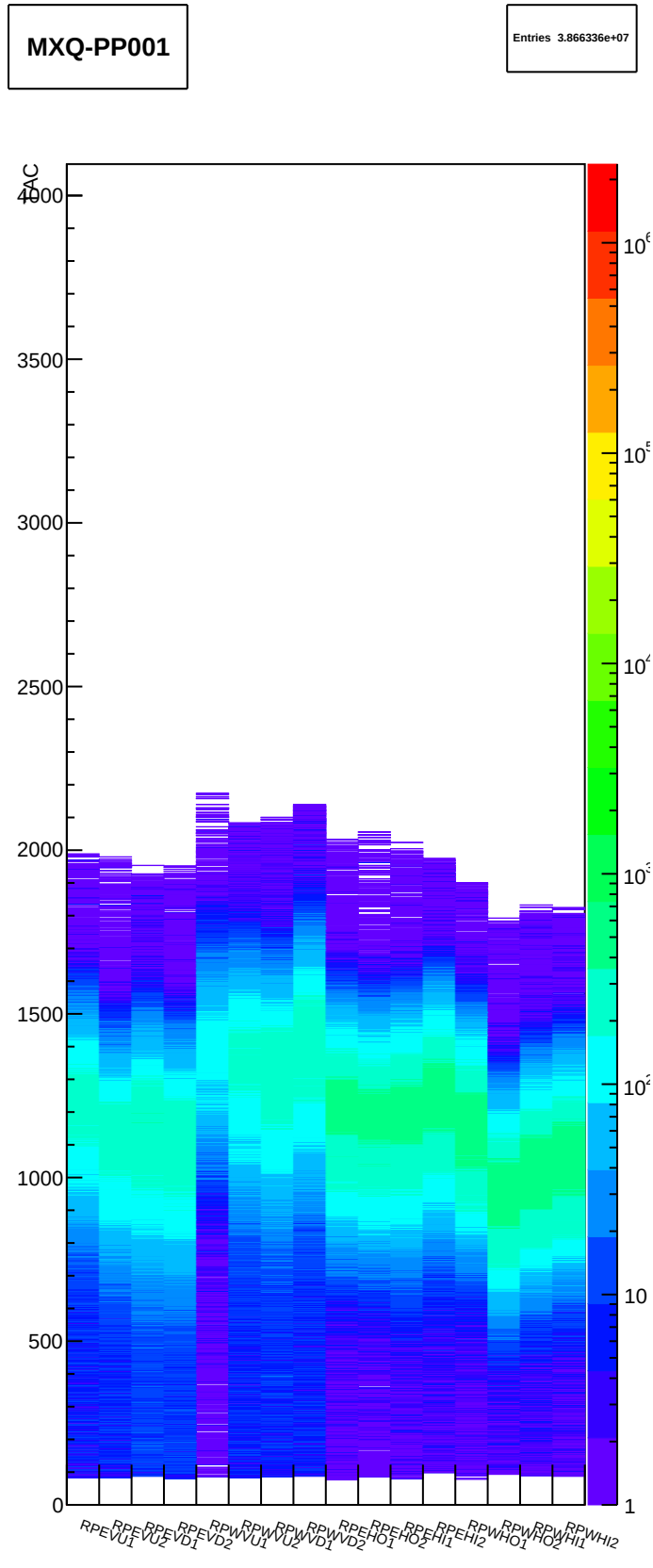
RPWHO2
RPWHI1
RPWHI2
1
10


MXQ-PP001
Entries 3.866336e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
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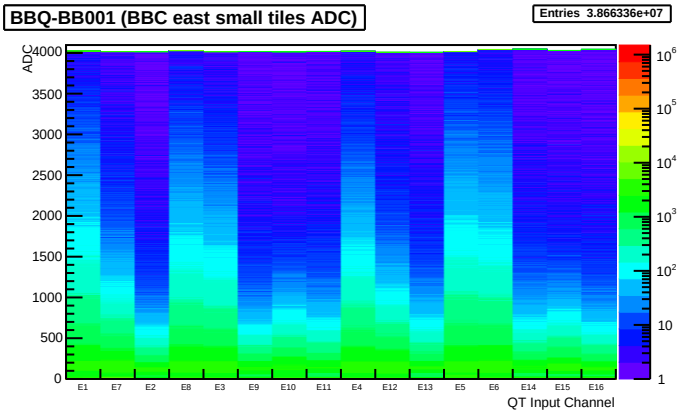
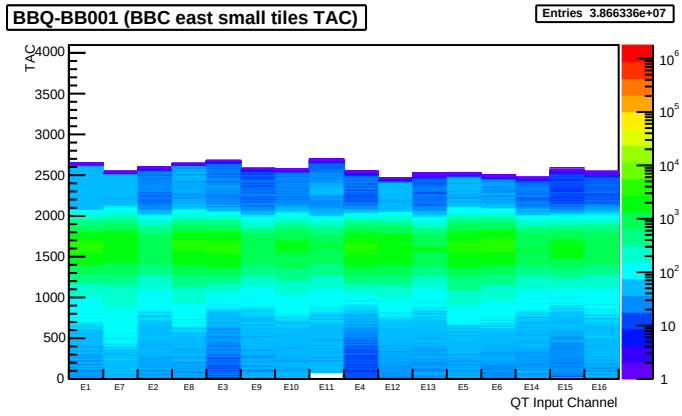
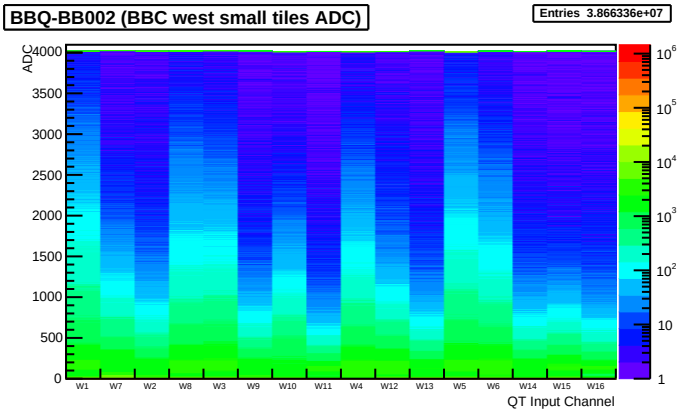
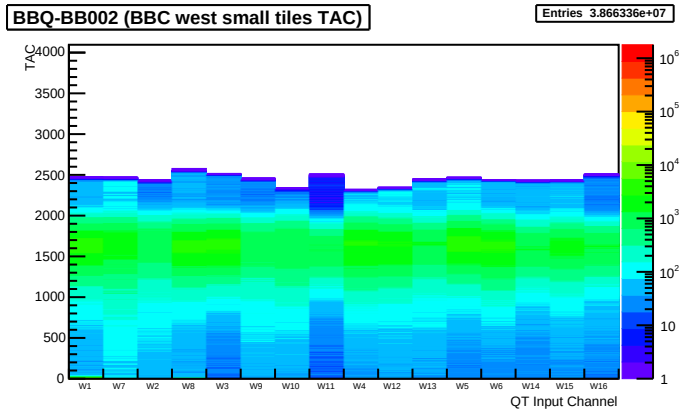
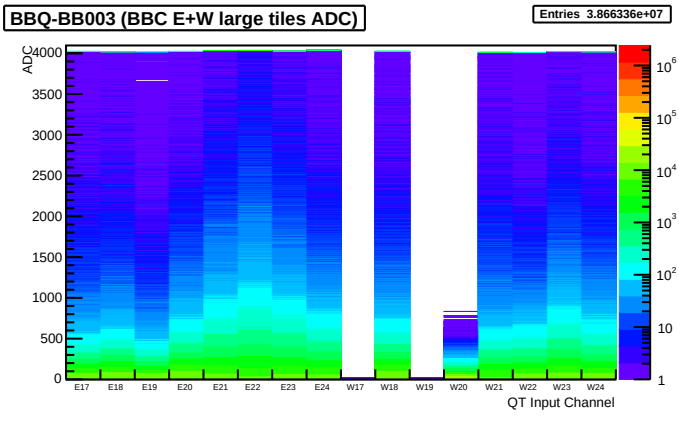
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

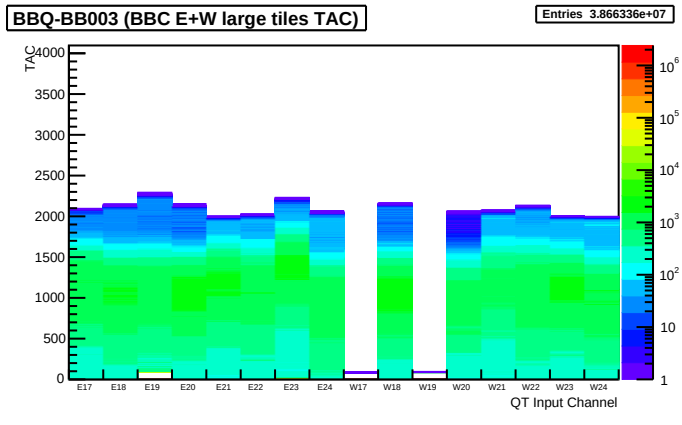

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.866336e+07
ADC
QT Input Channel

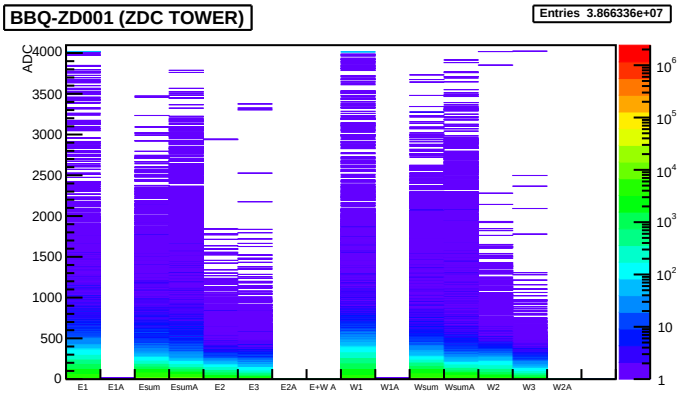

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.866336e+07
TAC
QT Input Channel

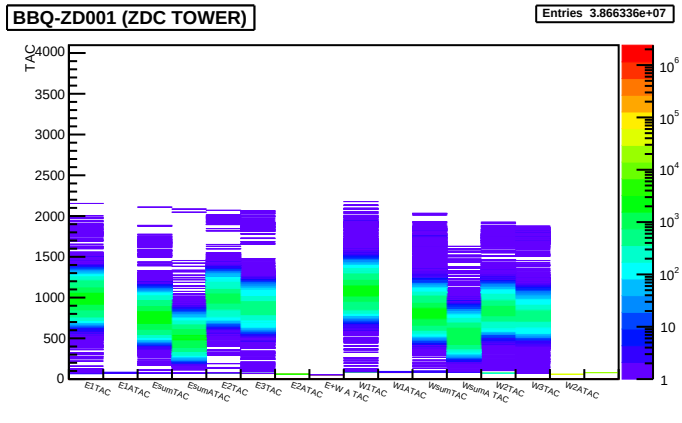

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.866336e+07
ADC
QT Input Channel

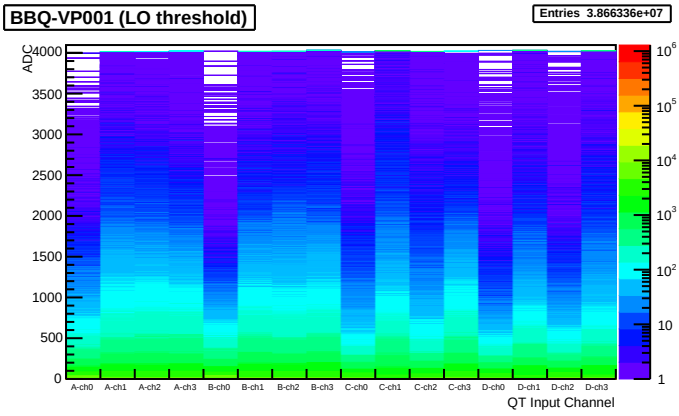

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.866336e+07
TAC
QT Input Channel

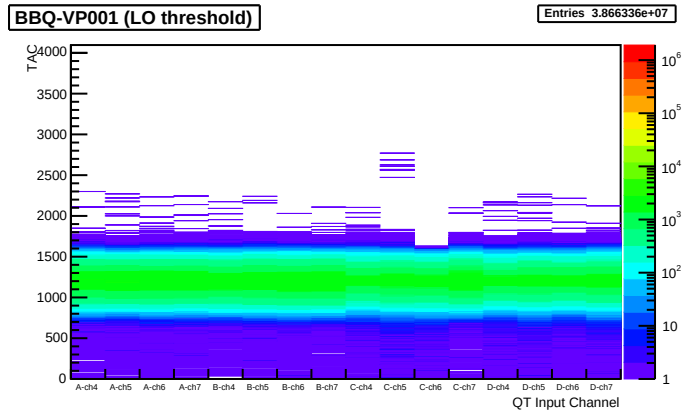

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.866336e+07
ADC
QT Input Channel

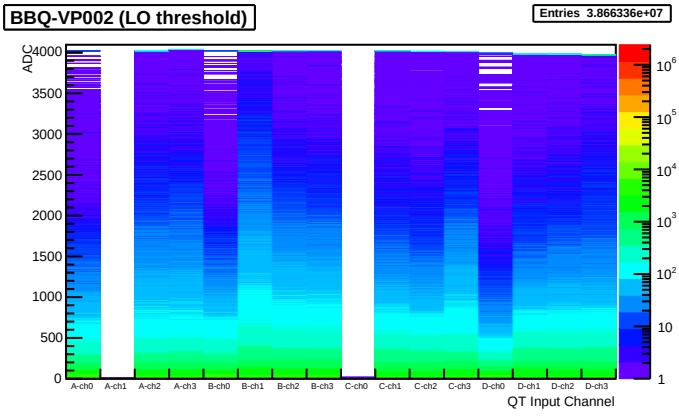

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.866336e+07
TAC
QT Input Channel

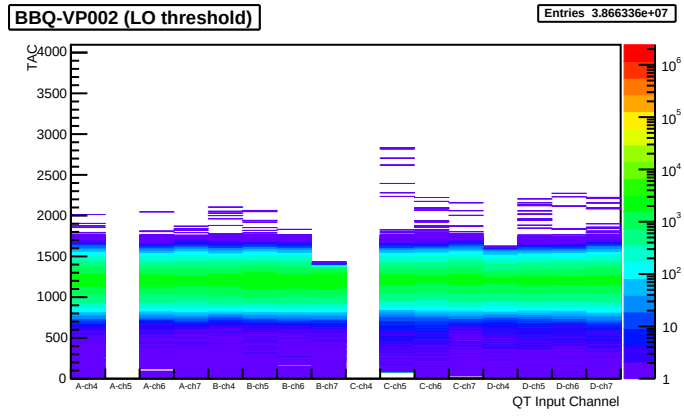

BBQ-ZD001 (ZDC TOWER)
Entries 3.866336e+07
ADC

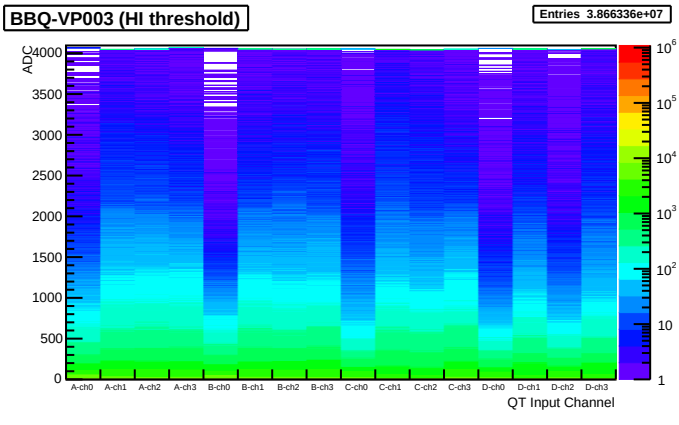

BBQ-ZD001 (ZDC TOWER)
Entries 3.866336e+07
TAC

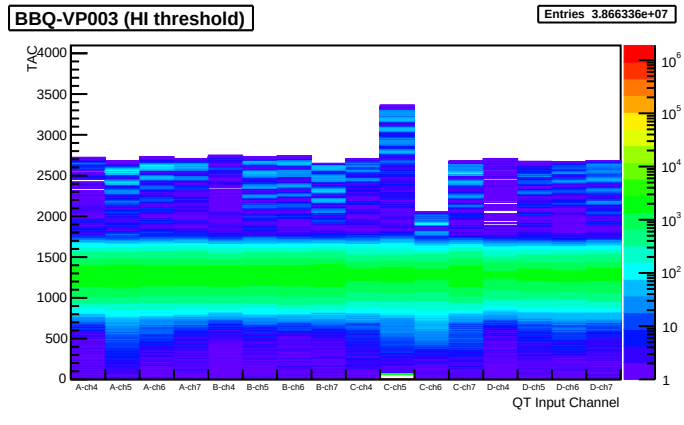

BBQ-VP001 (LO threshold)
Entries 3.866336e+07
ADC
QT Input Channel

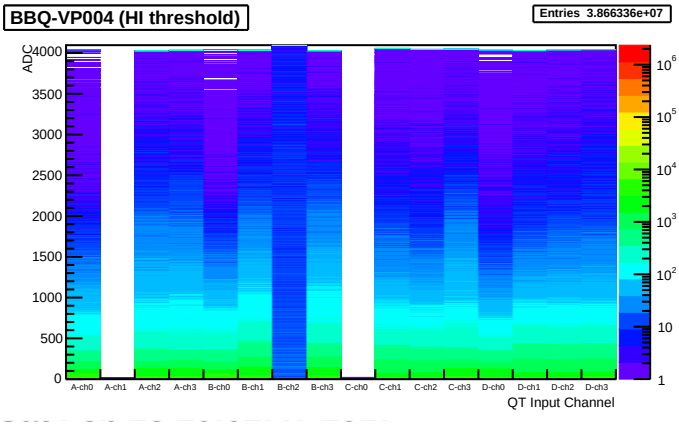

BBQ-VP001 (LO threshold)
Entries 3.866336e+07
TAC
QT Input Channel

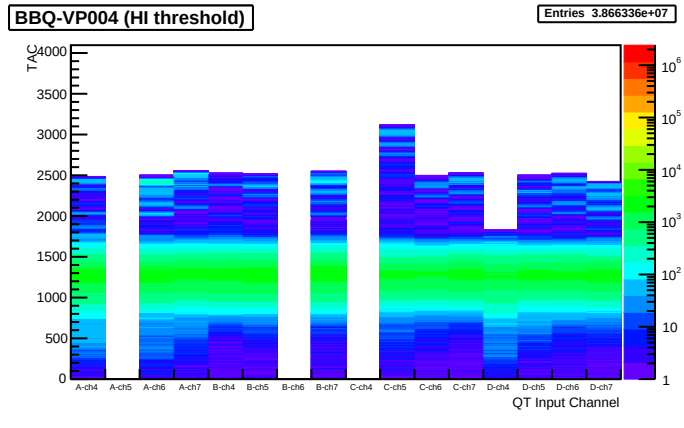

BBQ-VP002 (LO threshold)
Entries 3.866336e+07
ADC
QT Input Channel

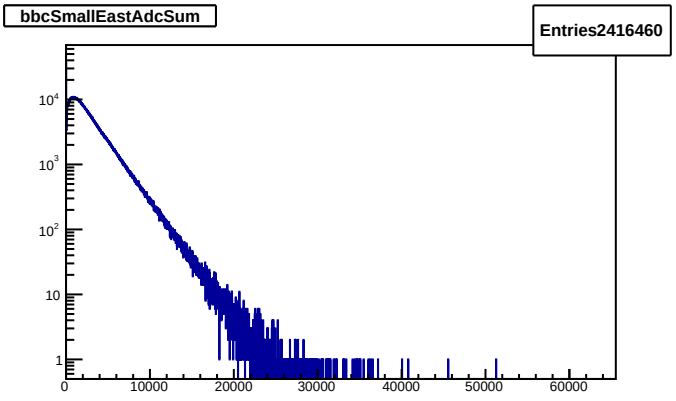

BBQ-VP002 (LO threshold)
Entries 3.866336e+07
TAC
QT Input Channel

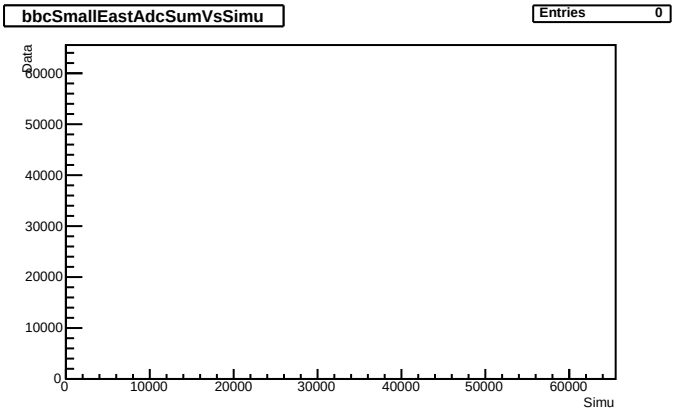

BBQ-VP003 (HI threshold)
Entries 3.866336e+07
ADC
QT Input Channel

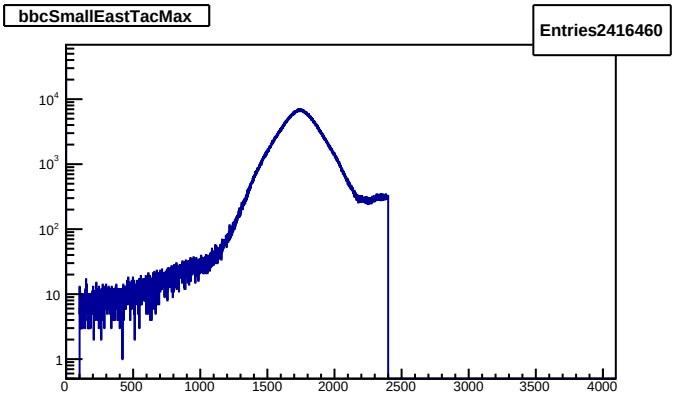

BBQ-VP003 (HI threshold)
Entries 3.866336e+07
TAC
QT Input Channel

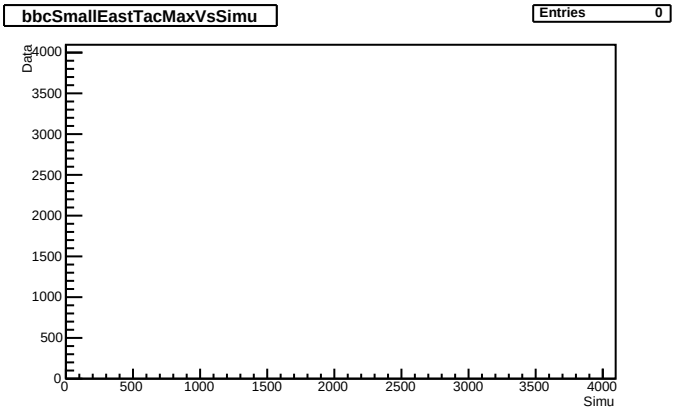

BBQ-VP004 (HI threshold)
Entries 3.866336e+07
ADC
QT Input Channel

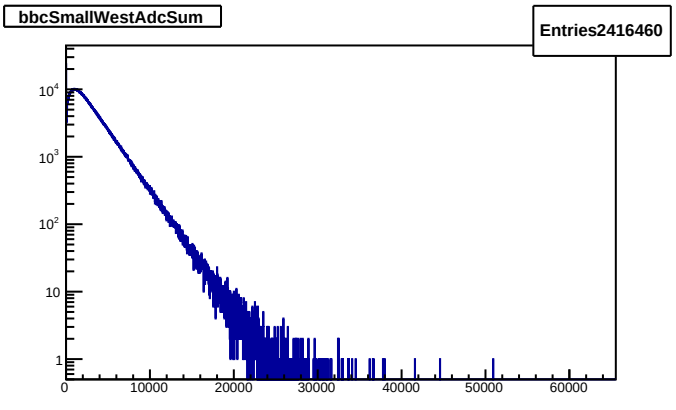

BBQ-VP004 (HI threshold)
Entries 3.866336e+07
TAC
QT Input Channel

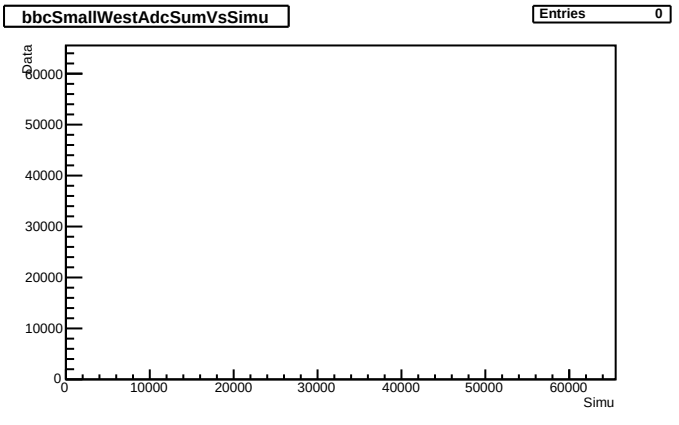

bbcSmallEastAdcSum
Entries2416460

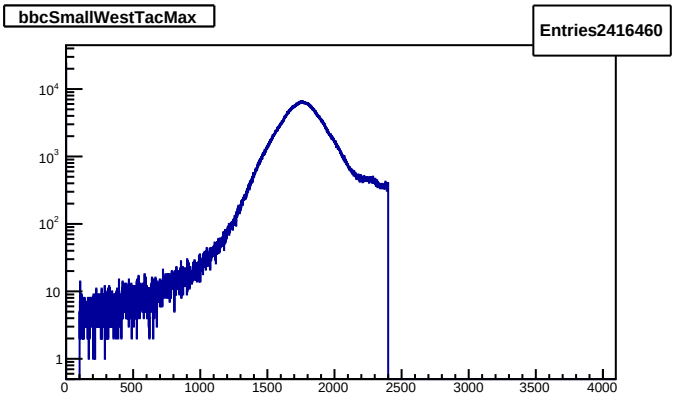

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

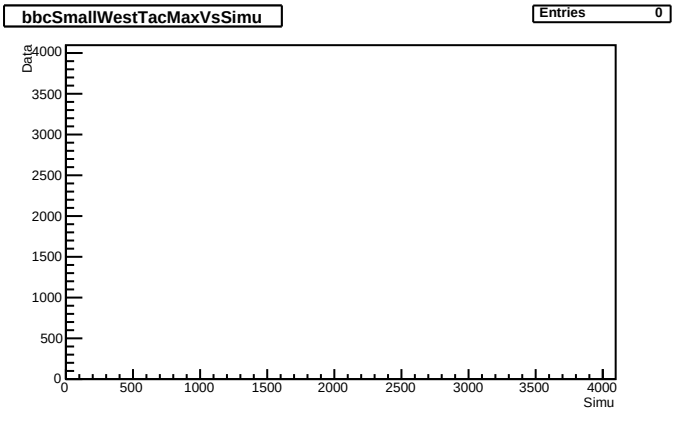

bbcSmallEastTacMax
Entries2416460

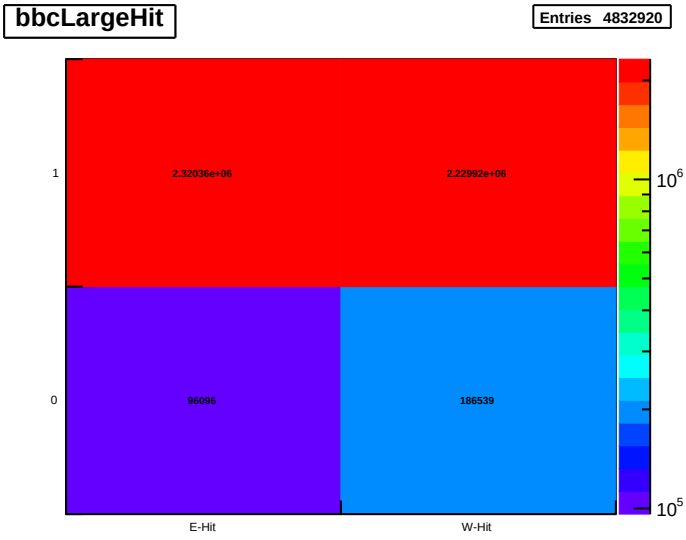

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

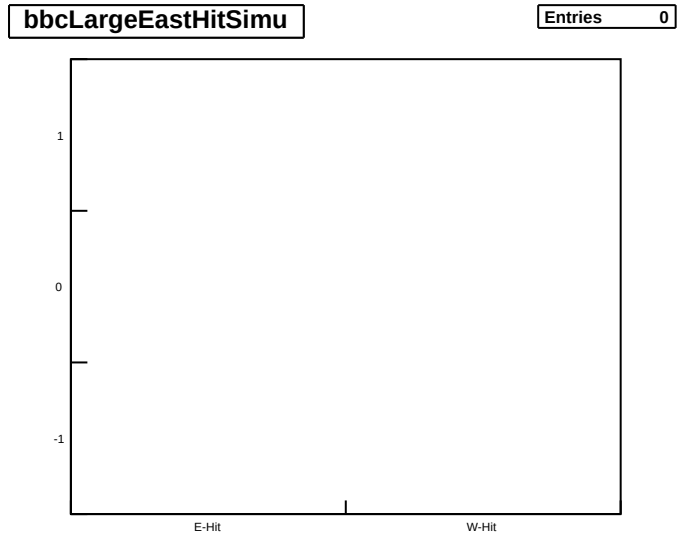

bbcSmallWestAdcSum
Entries2416460

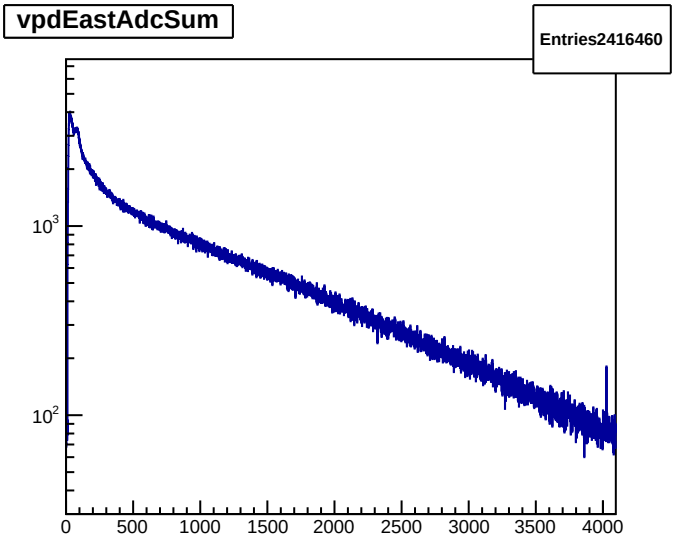

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

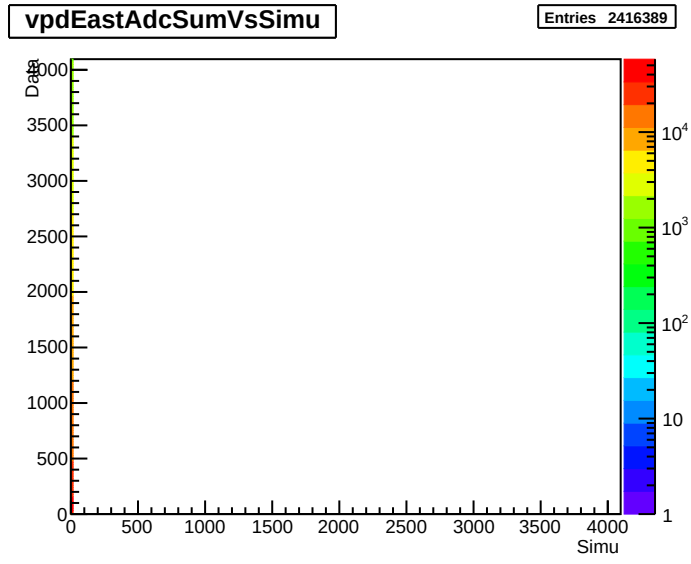

bbcSmallWestTacMax
Entries2416460

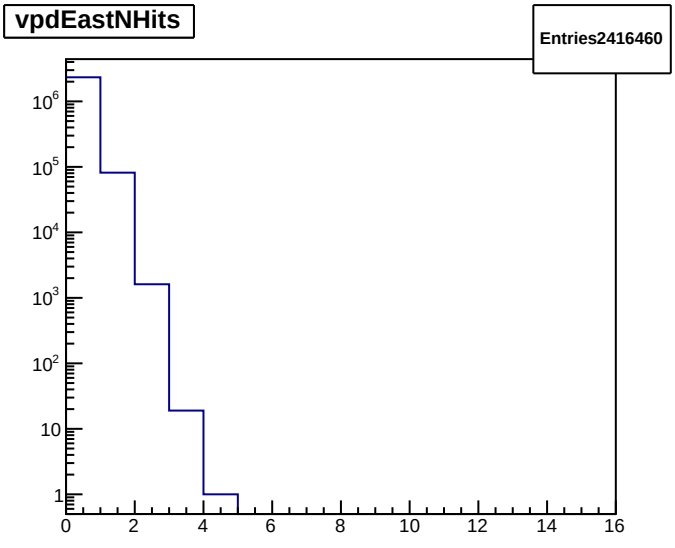

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

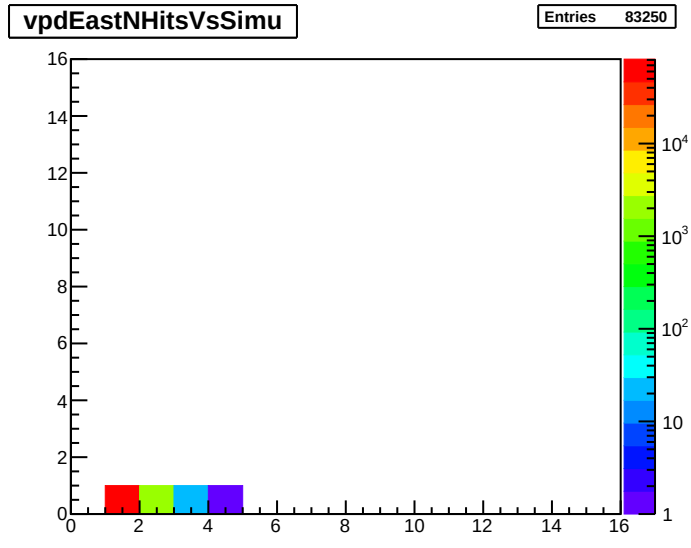

bbcLargeHit
Entries 4832920
2.32036e+06
2.22992e+06
96096
186539
1
0
E-Hit
W-Hit
10^6
10^5

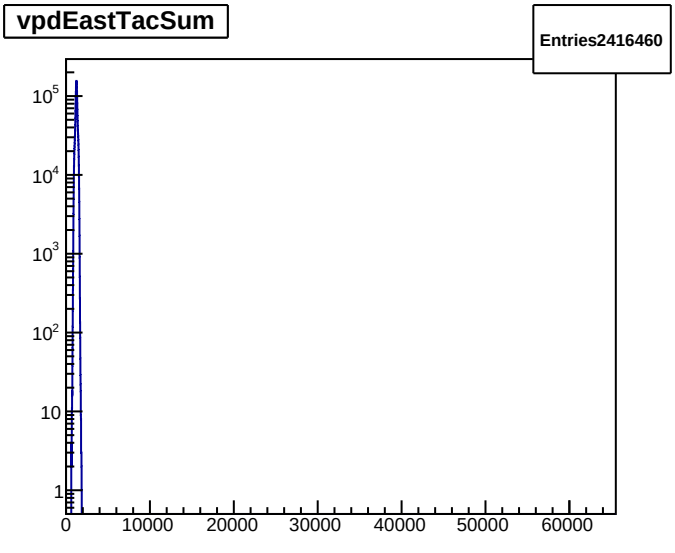

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

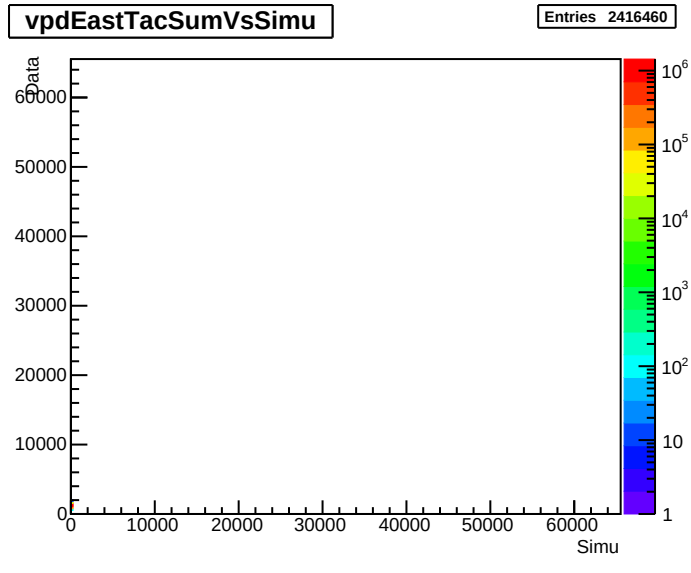

vpdEastAdcSum
Entries2416460

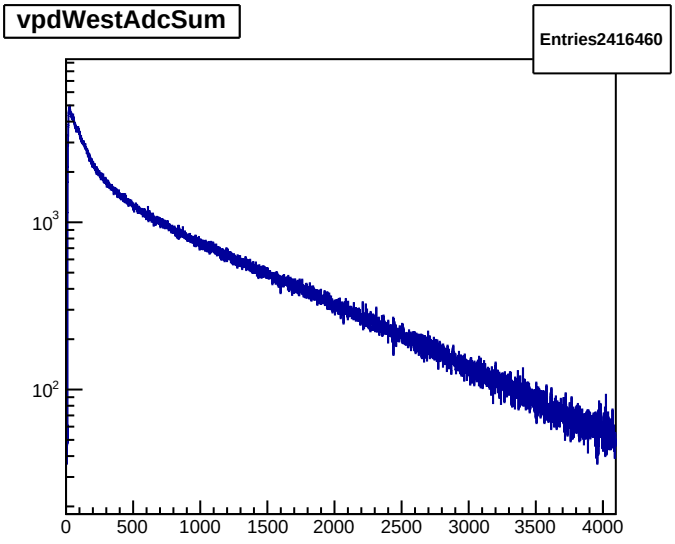

vpdEastAdcSumVsSimu
Entries 2416389
Data
Simu

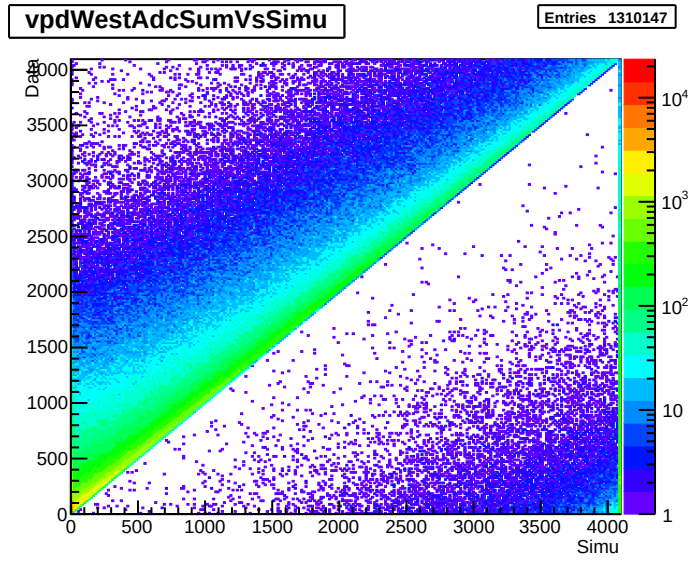

vpdEastNHits
Entries2416460

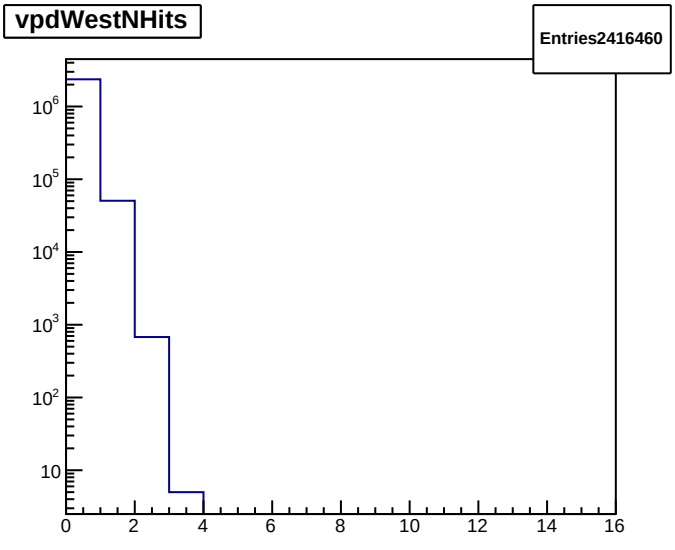

vpdEastNHitsVsSimu
Entries 83250

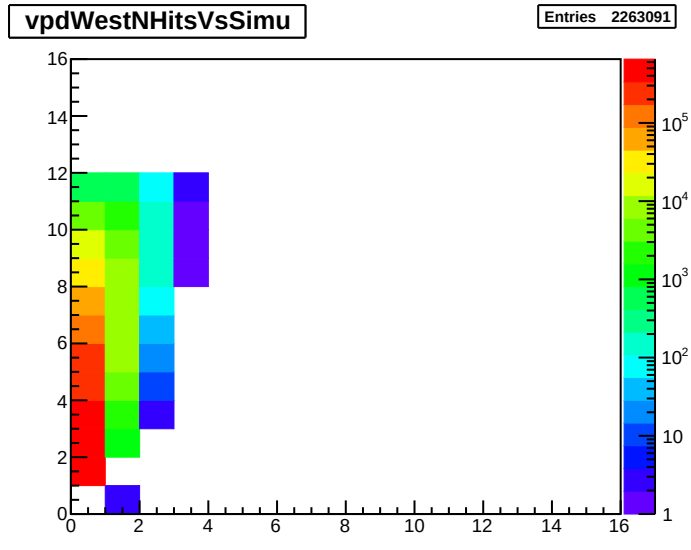

vpdEastTacSum
Entries2416460

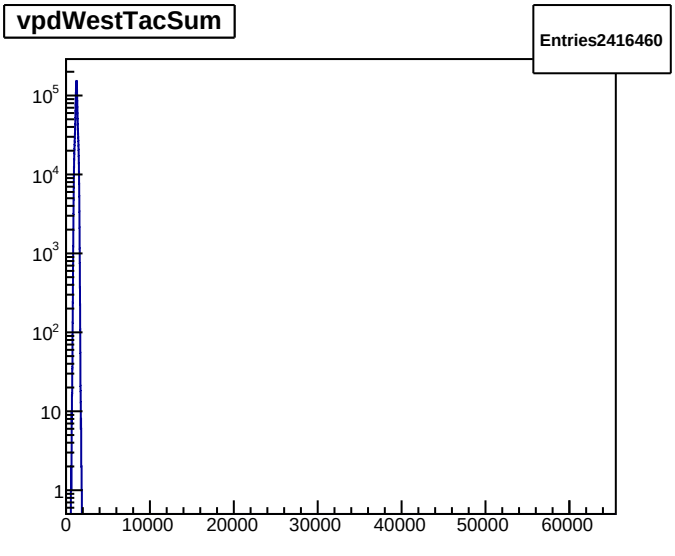

vpdEastTacSumVsSimu
Entries 2416460
Data
Simu

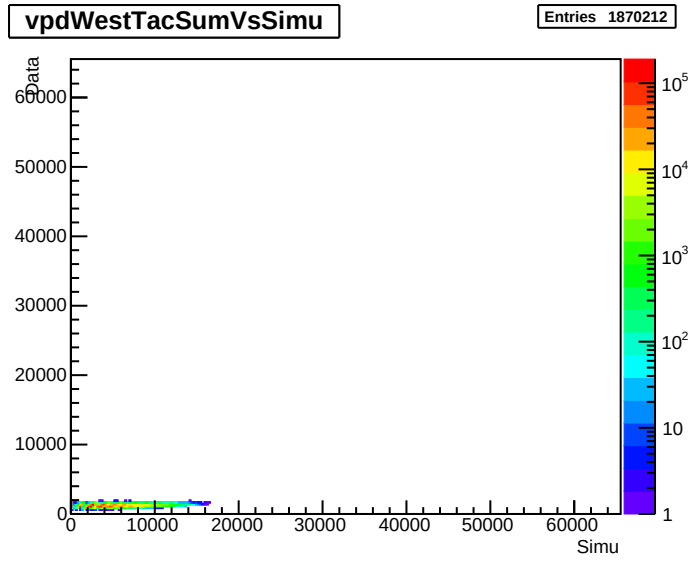

vpdWestAdcSum
Entries2416460

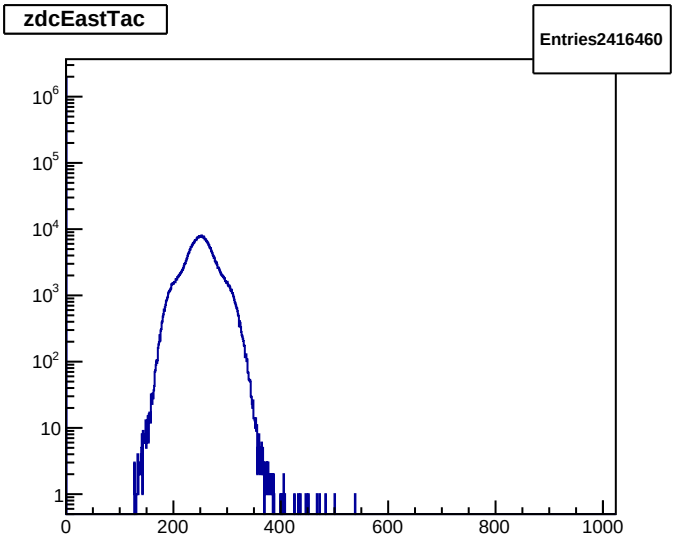

vpdWestAdcSumVsSimu
Entries 1310147
Data
Simu

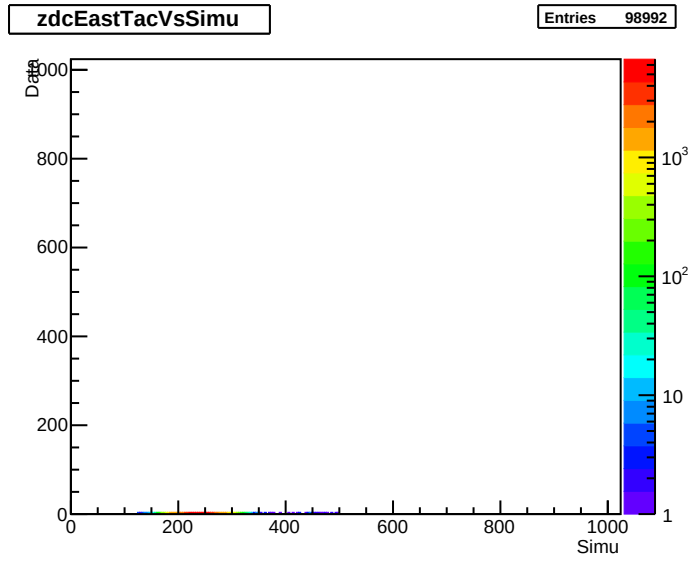

vpdWestNHits
Entries2416460

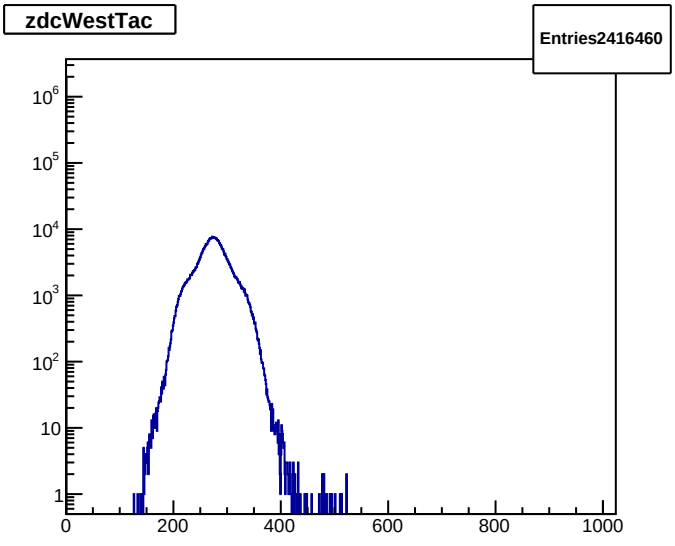

vpdWestNHitsVsSimu
Entries 2263091

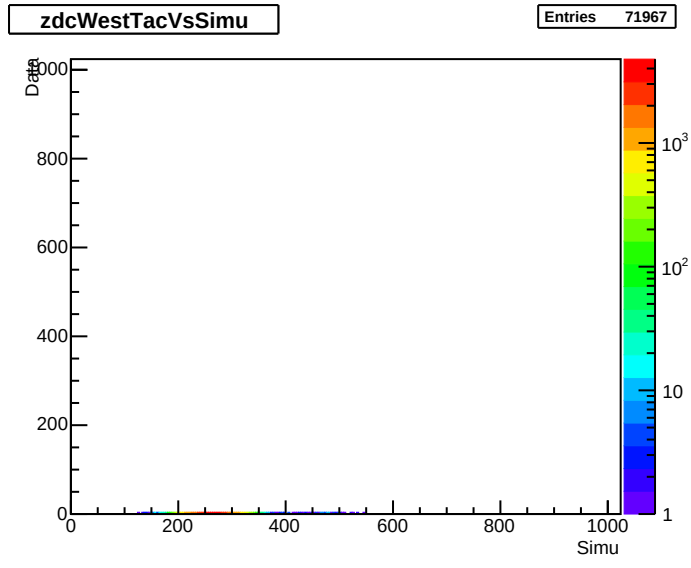

vpdWestTacSum
Entries2416460

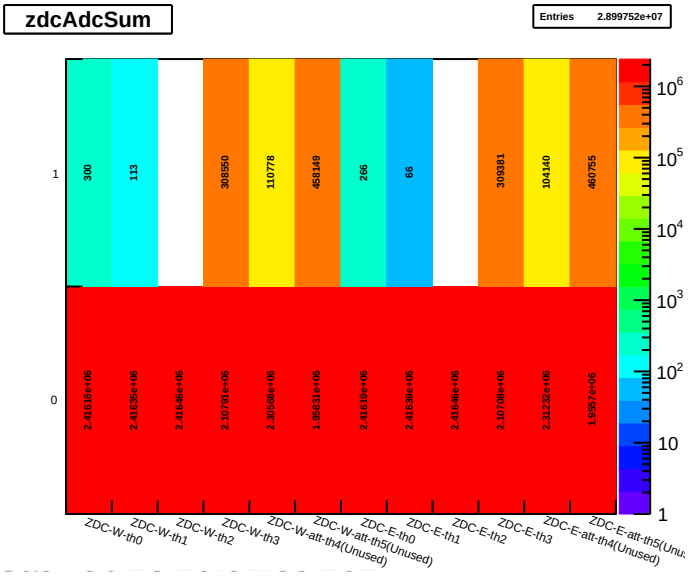

vpdWestTacSumVsSimu
Entries 1870212
Data
Simu

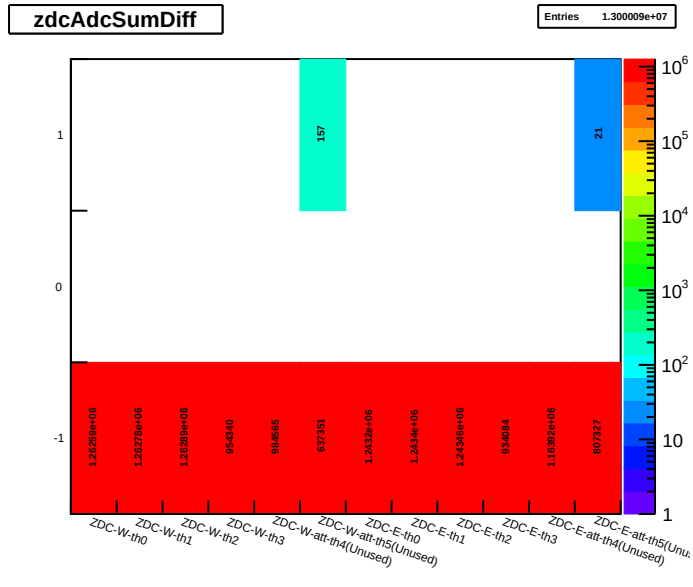

zdcEastTac
Entries2416460

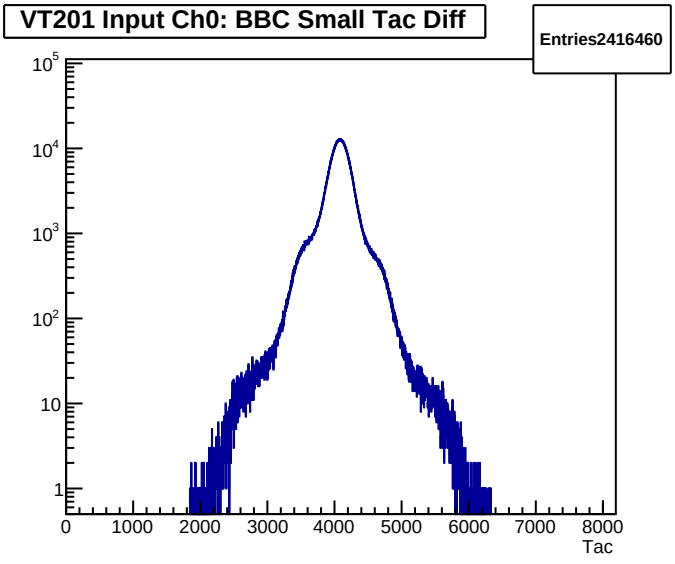

zdcEastTacVsSimu
Entries 98992
Data
Simu

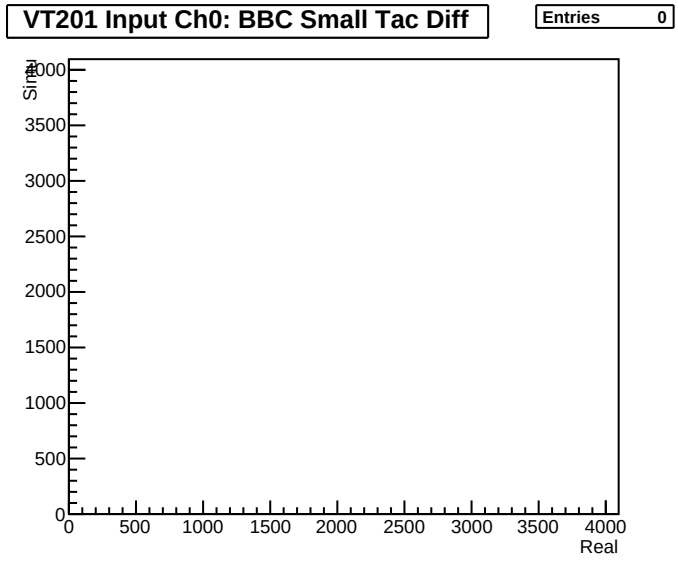

zdcWestTac
Entries2416460

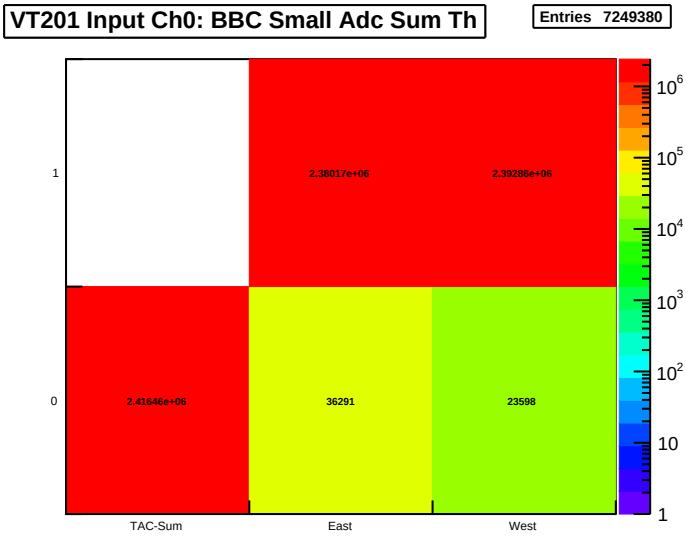

zdcWestTacVsSimu
Entries 71967
Data
Simu

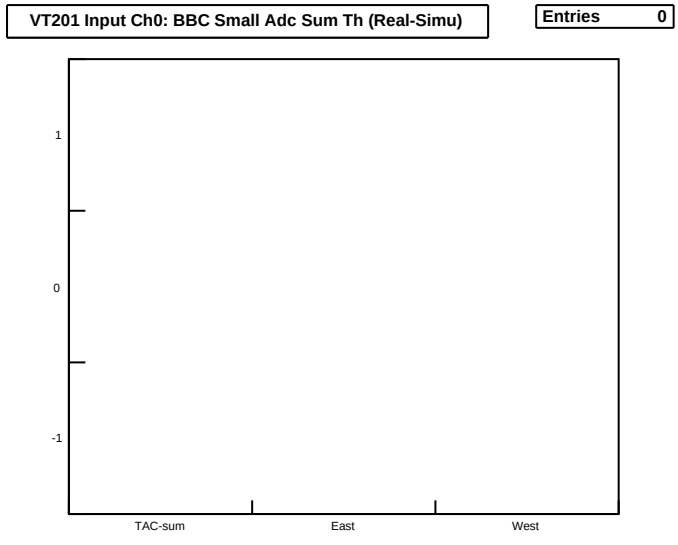

zdcAdcSum
Entries 2.899752e+07
300
113
308550
110778
459149
266
66
308381
104140
460755
2.41616e+06
2.41635e+06
2.41646e+06
2.10791e+06
2.30568e+06
1.99831e+06
2.41619e+06
2.41638e+06
2.41646e+06
2.10708e+06
2.31232e+06
1.95557e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

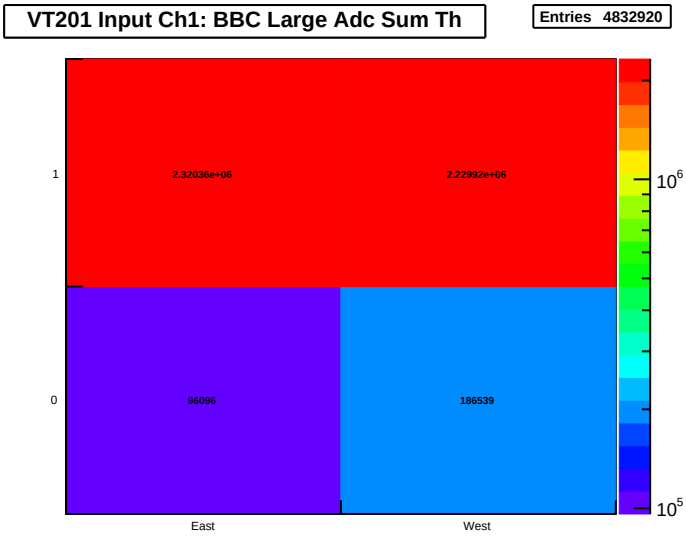

zdcAdcSumDiff
Entries 1.300009e+07
157
21
1.26259e+06
1.26278e+06
1.26289e+06
954340
984565
637351
1.2432e+06
1.2434e+06
1.24346e+06
934084
1.16392e+06
807337
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

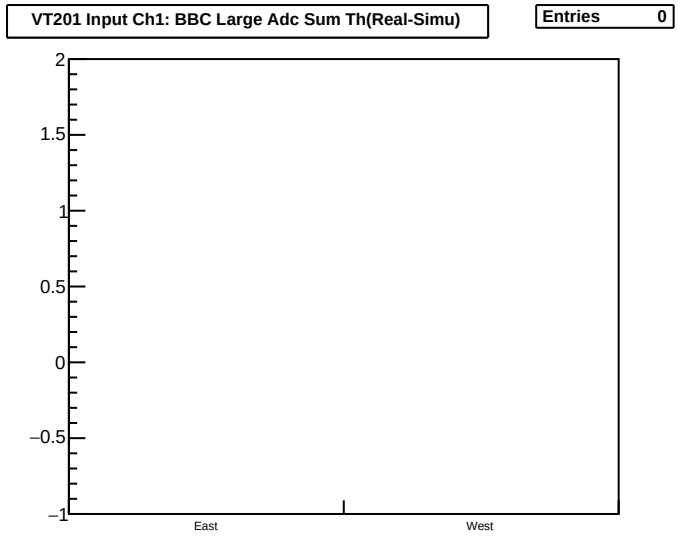

VT201 Input Ch0: BBC Small Tac Diff
Entries2416460
Tac


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

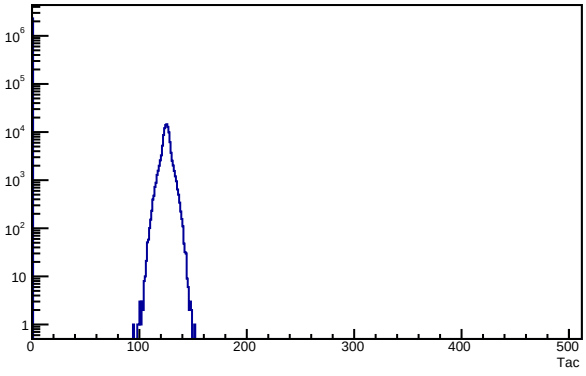

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 7249380
2.38017e+06
2.39286e+06
2.41646e+06
36291
23598
TAC-Sum
East
West


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

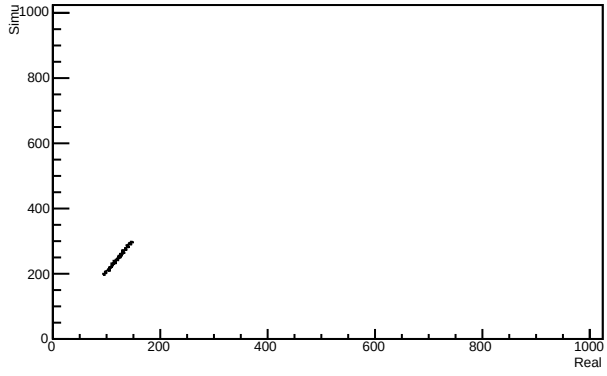

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 4832920
2.32036e+06
2.22992e+06
96096
186539
East
West


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

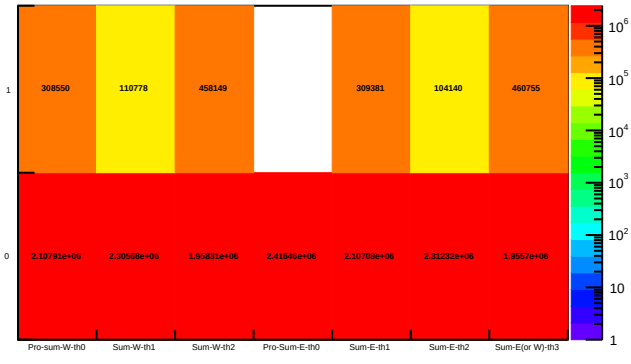
VT201 Input Ch2: ZDC Tac Diff



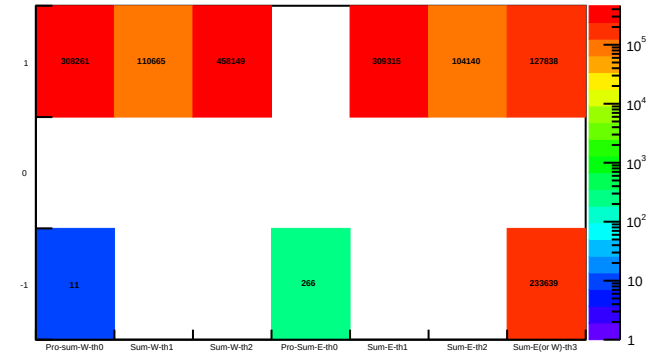
VT201 Input Ch2: ZDC Tac Diff



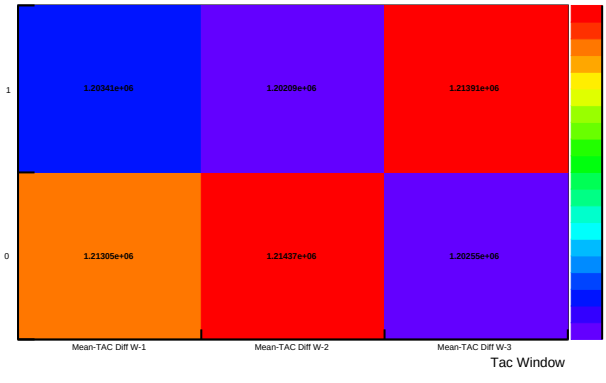
VT201 Input Ch2: ZDC Adc Sum Th



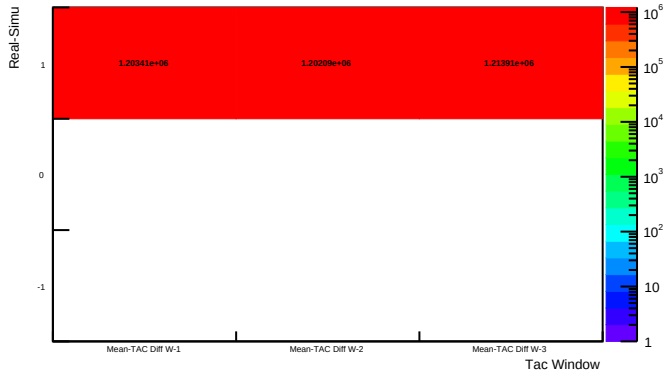
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



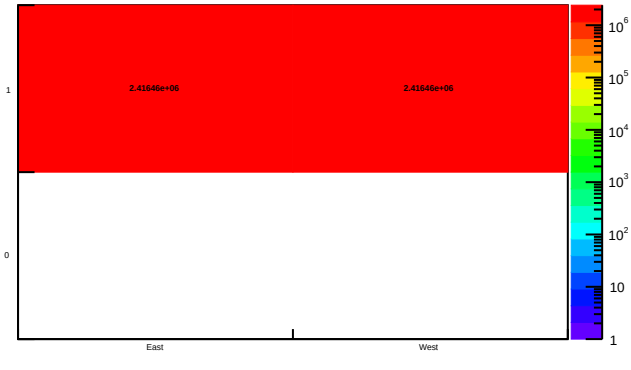
VT201 Input Ch4: VPD Tac Diff



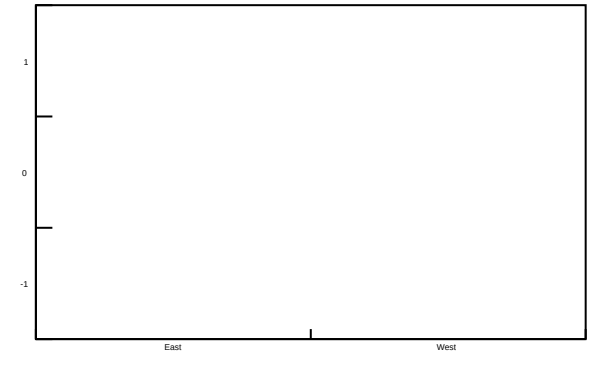
VT201 Input Ch4: VPD Tac Diff

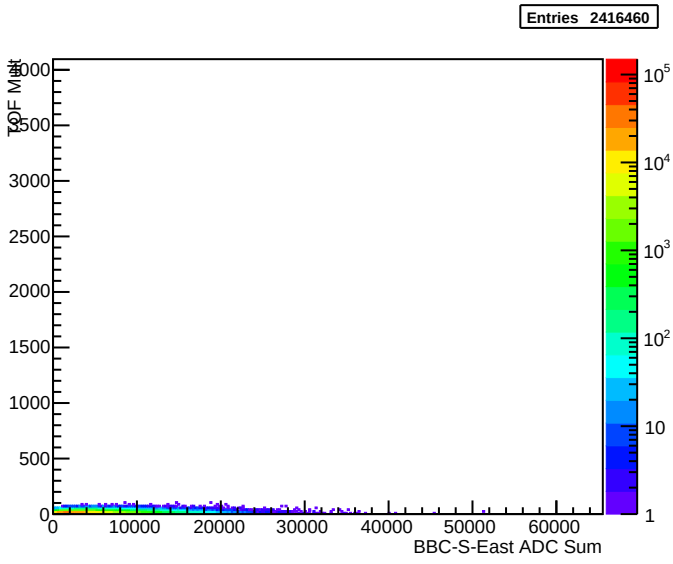


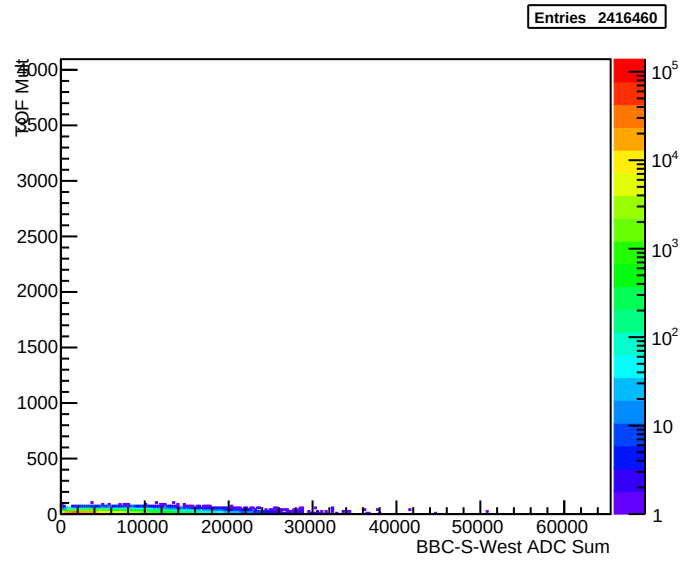
VT201 Input Ch4: VPD Adc Sum Th

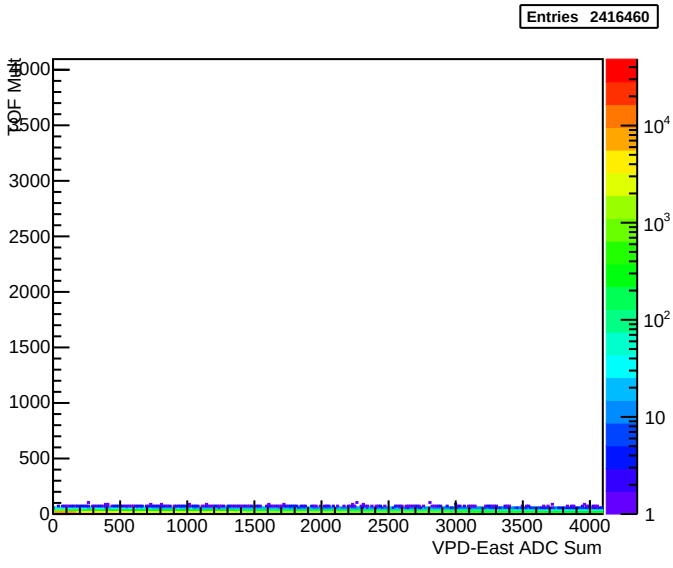


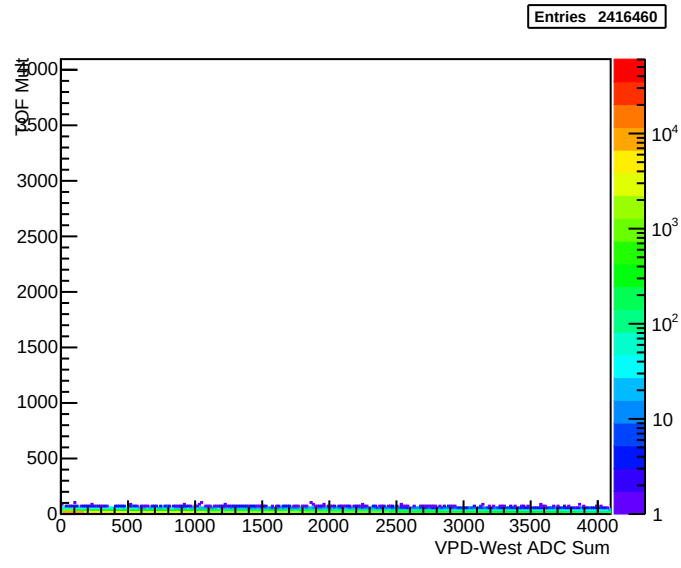
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

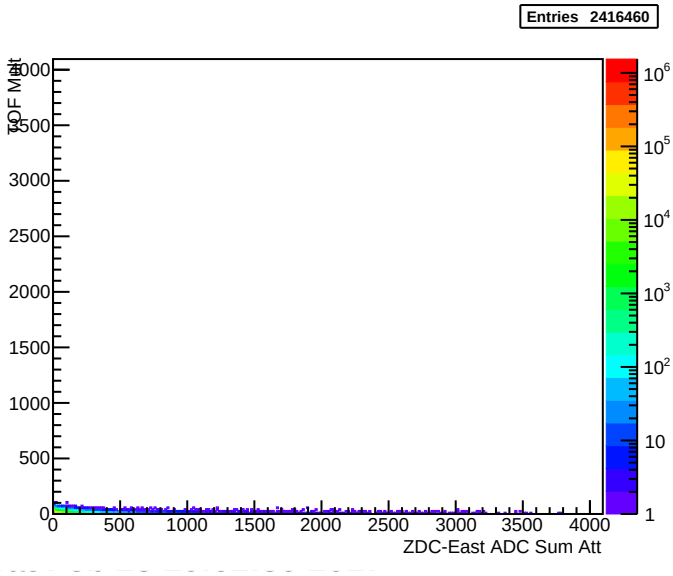


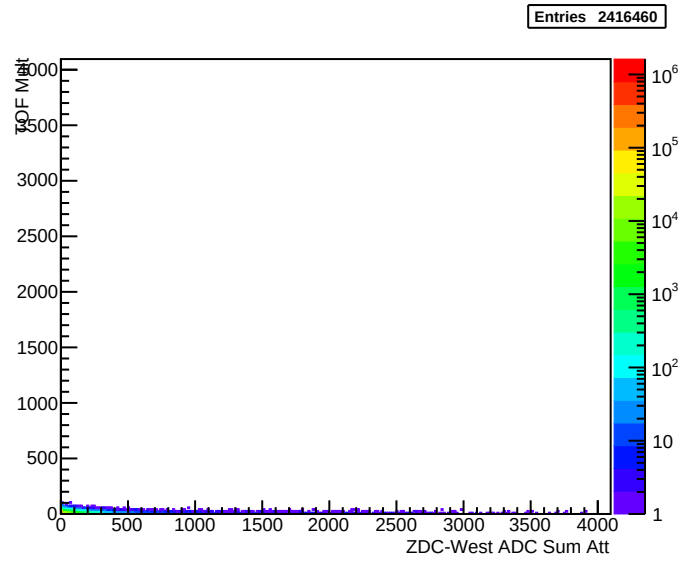

Entries 2416460
TOF Mult
BBC-S-East ADC Sum

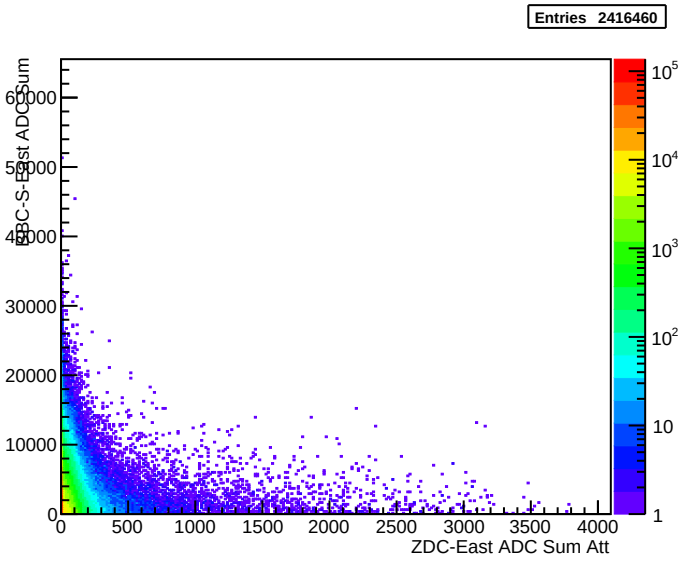

Entries 2416460
TOF Mult
BBC-S-West ADC Sum

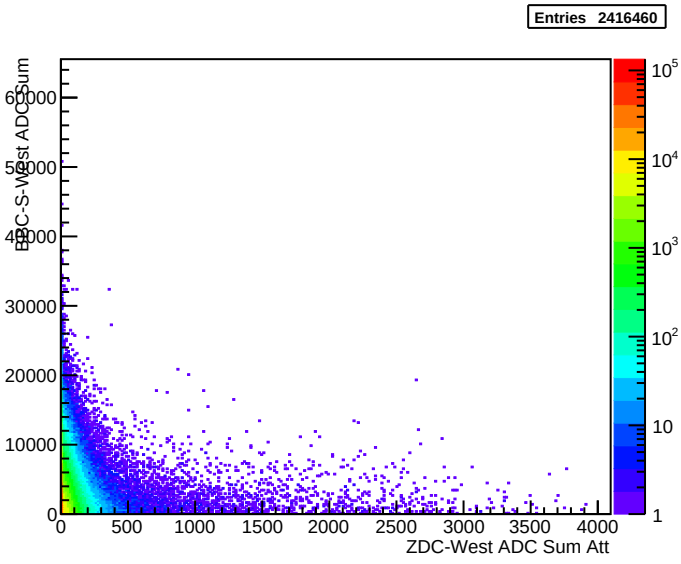

Entries 2416460
TOF Mult
VPD-East ADC Sum

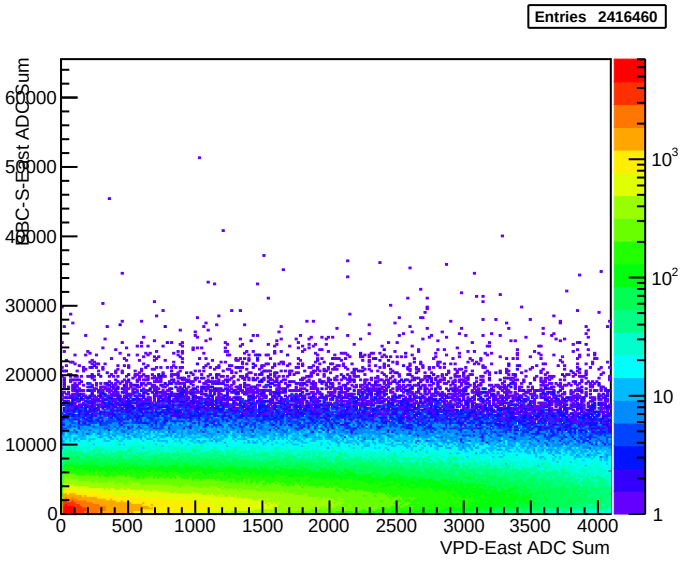

Entries 2416460
TOF Mult
VPD-West ADC Sum

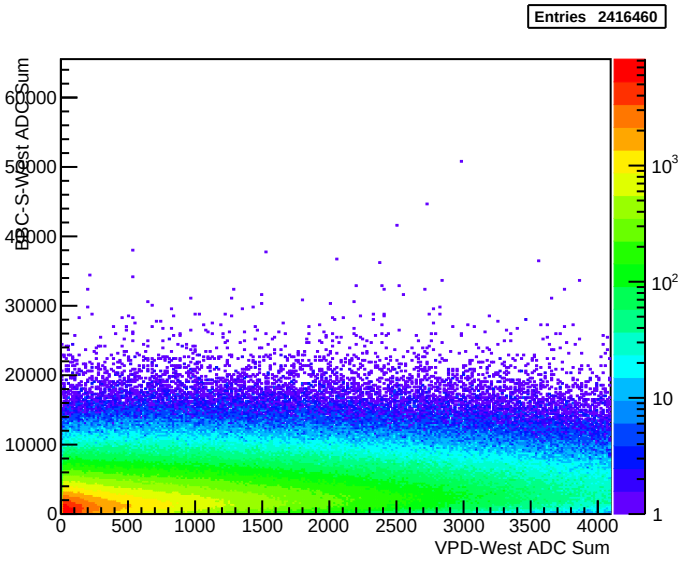

Entries 2416460
TOF Mult
ZDC-East ADC Sum Att

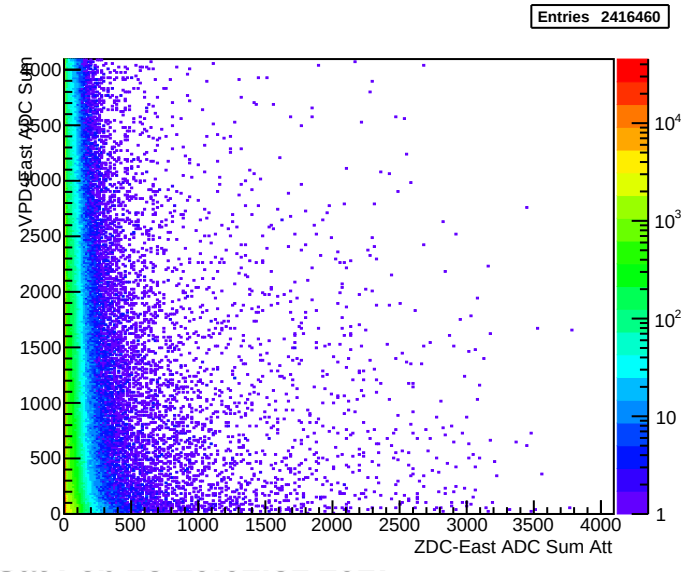

Entries 2416460
TOF Mult
ZDC-West ADC Sum Att

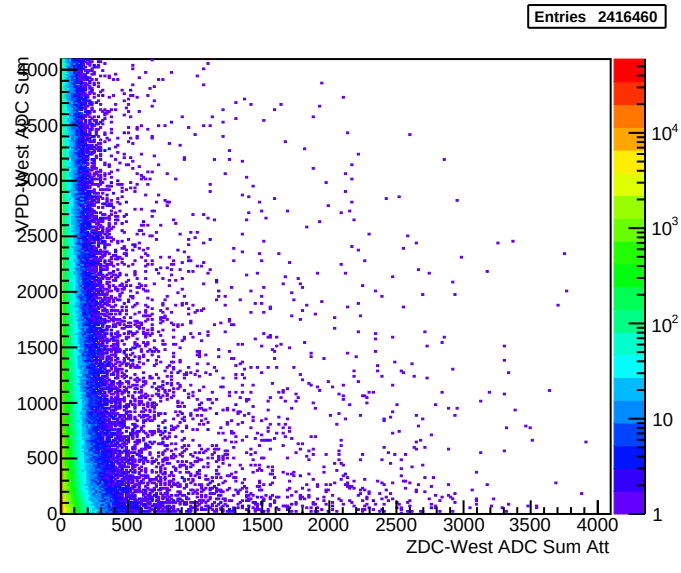

Entries 2416460
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

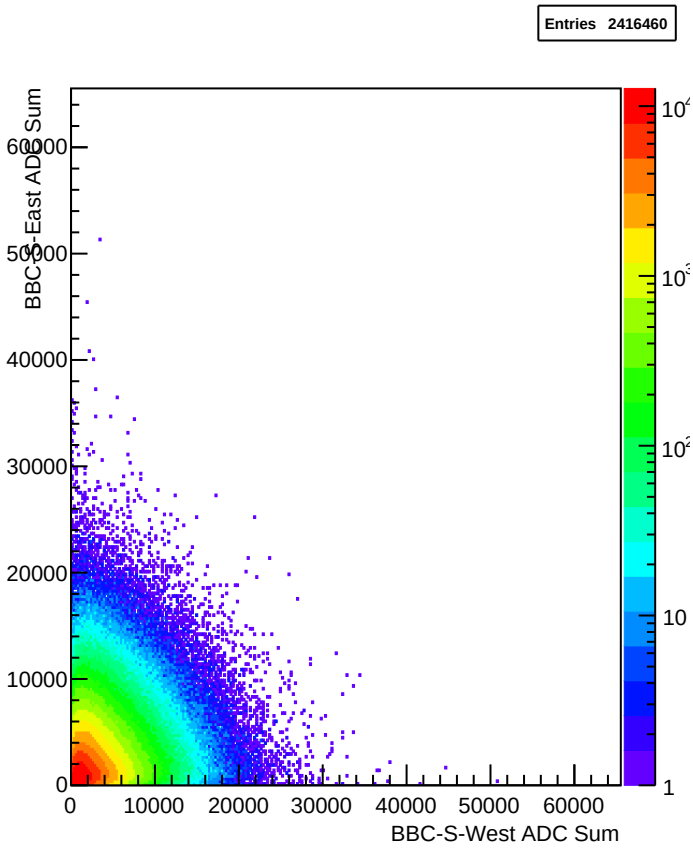

Entries 2416460
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

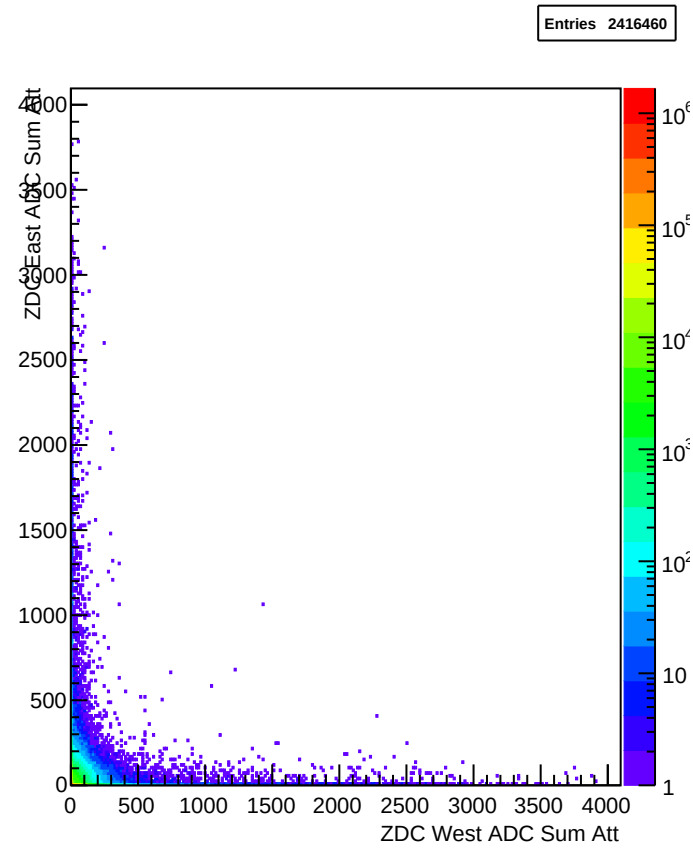

Entries 2416460
BBC-S-East ADC Sum
VPD-East ADC Sum

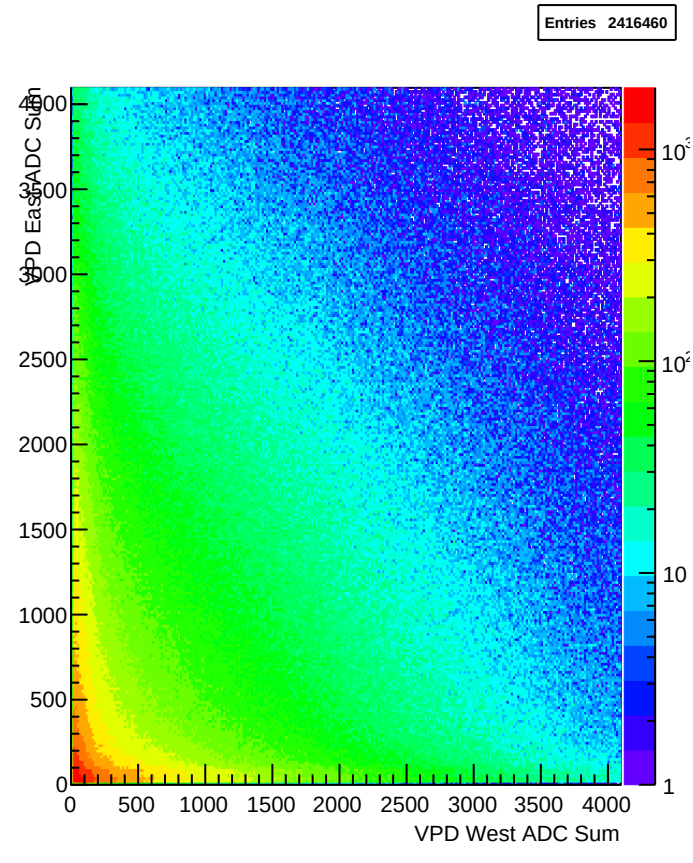

Entries 2416460
BBC-S-West ADC Sum
VPD-West ADC Sum

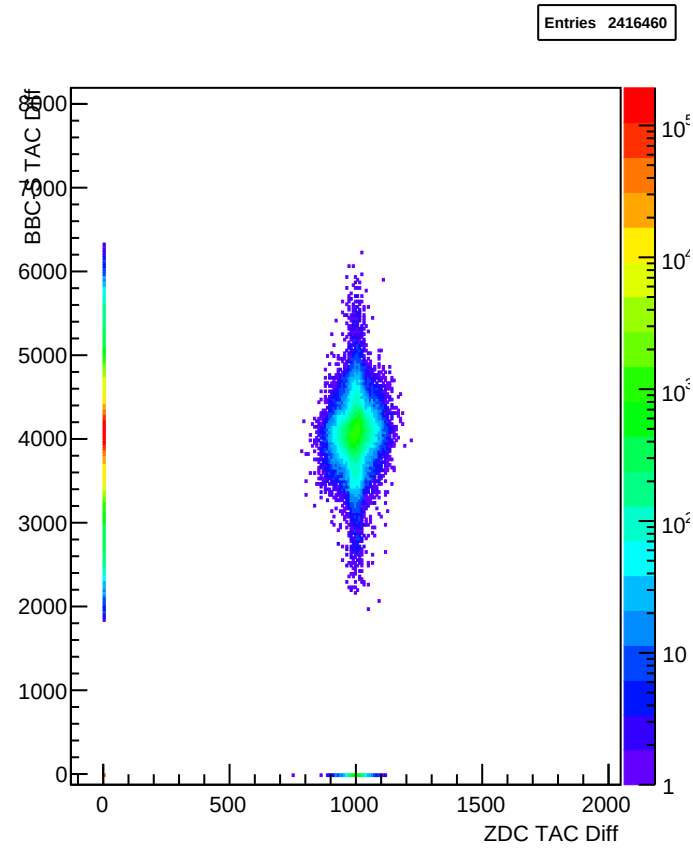

Entries 2416460
VPD-East ADC Sum
ZDC-East ADC Sum Att

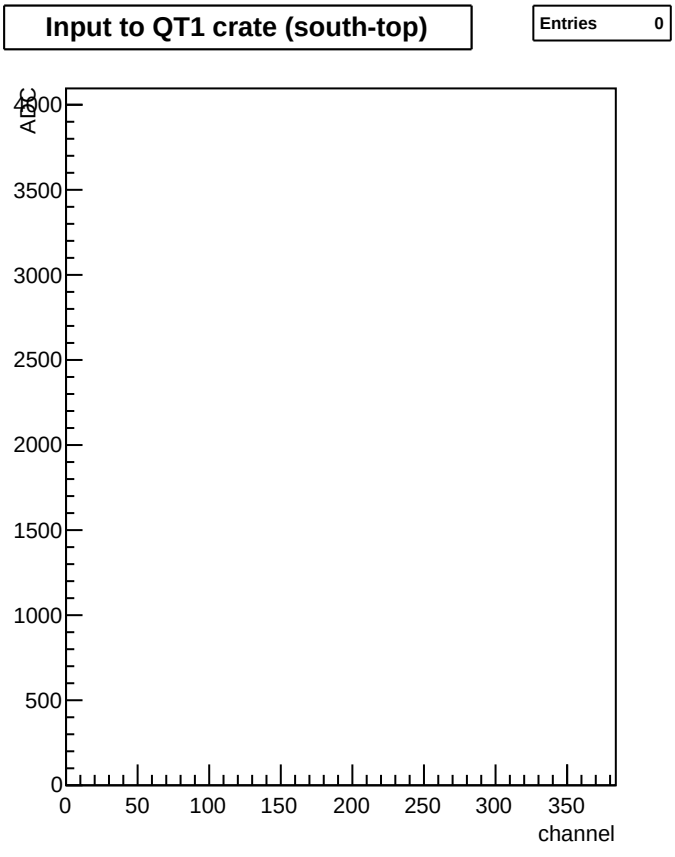

Entries 2416460
VPD-West ADC Sum
ZDC-West ADC Sum Att

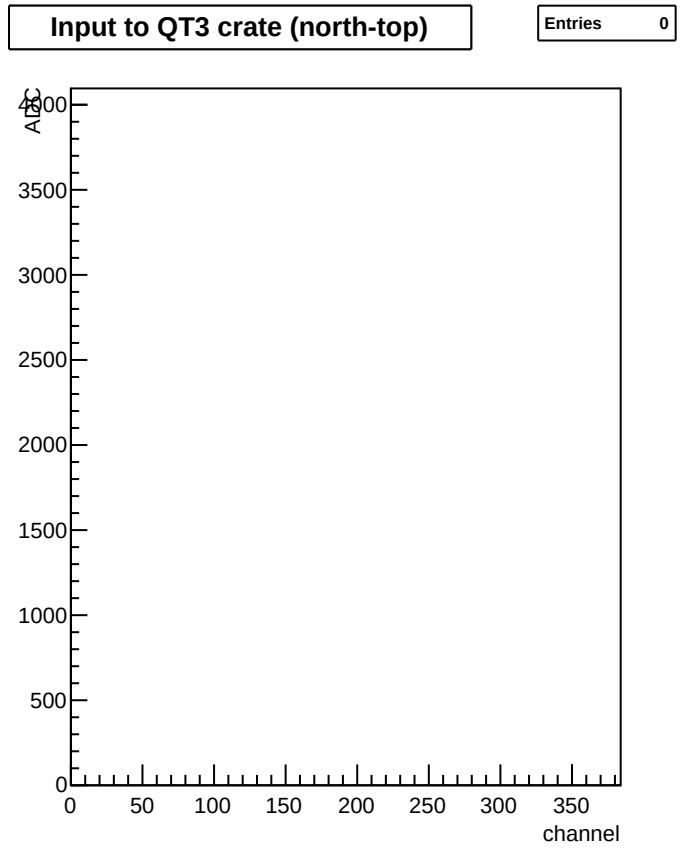

Entries 2416460
BBC-S-East ADC Sum
BBC-S-West ADC Sum

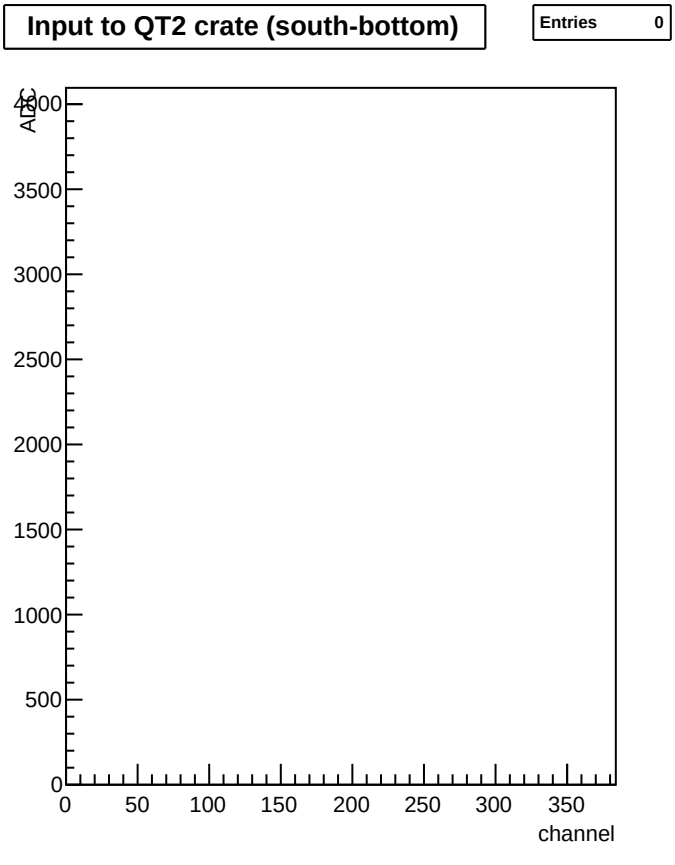

Entries 2416460
ZDC East ADC Sum Att
ZDC West ADC Sum Att

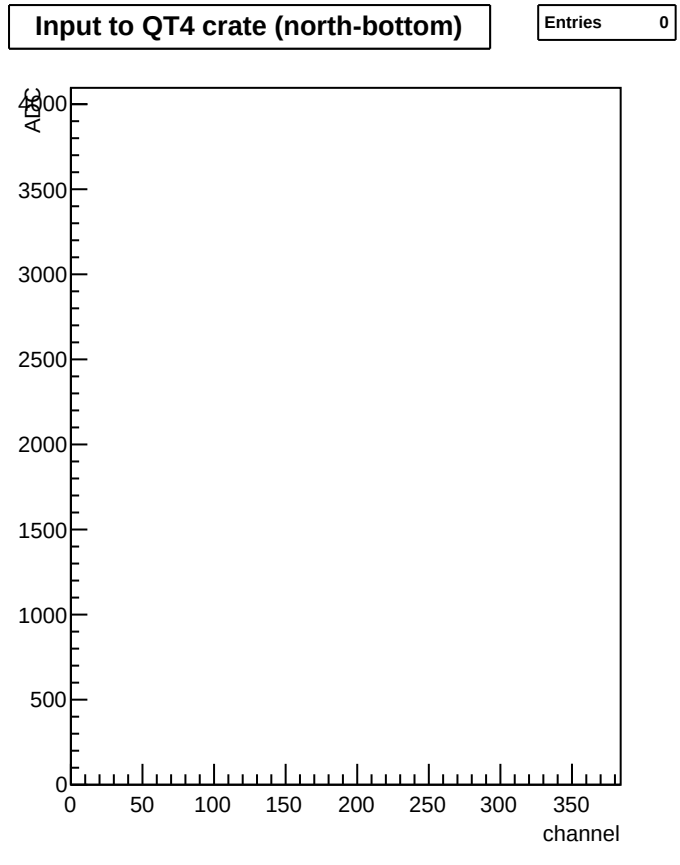

Entries 2416460
VPD East ADC Sum
VPD West ADC Sum

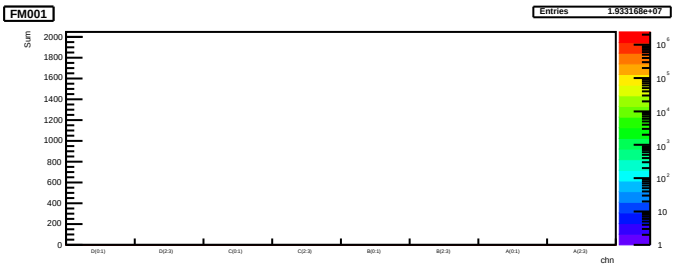

Entries 2416460
BBC-S TAC Diff
ZDC TAC Diff

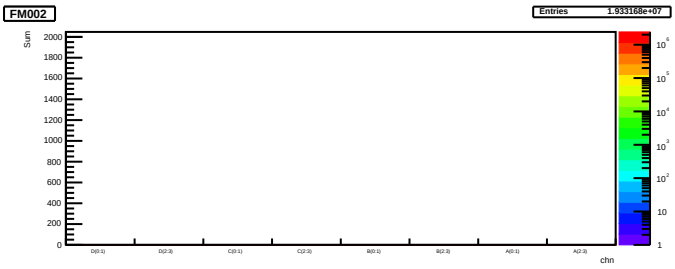

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

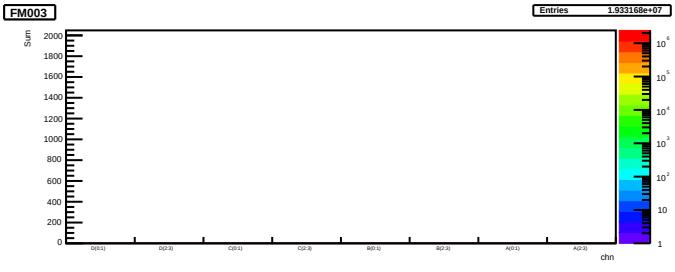

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

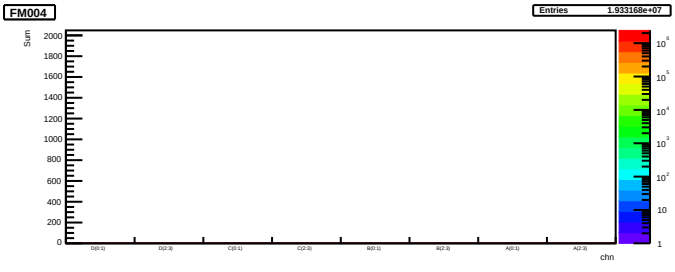

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

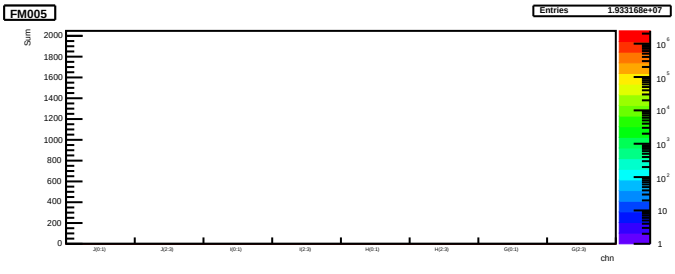

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

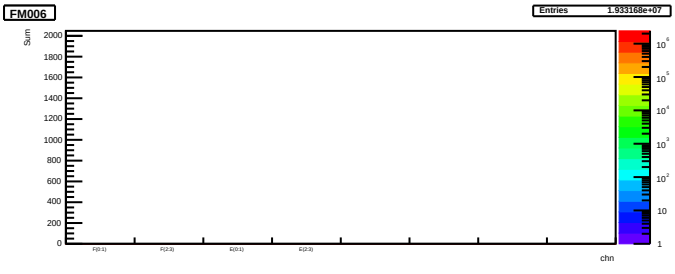

FM001
Entries 1.933168e+07
Sum
chn

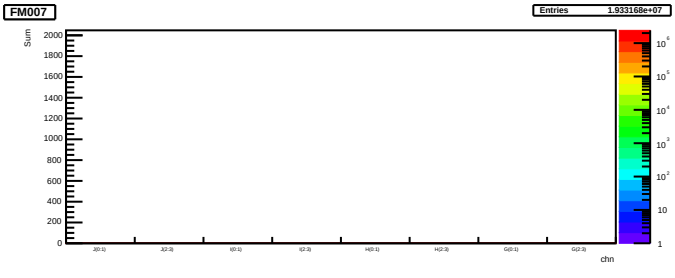

FM002
Entries 1.933168e+07
Sum
chn

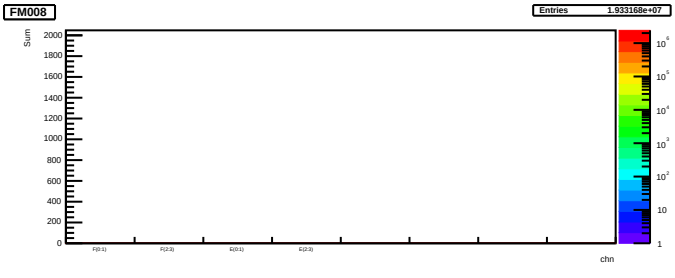

FM003
Entries 1.933168e+07
Sum
chn

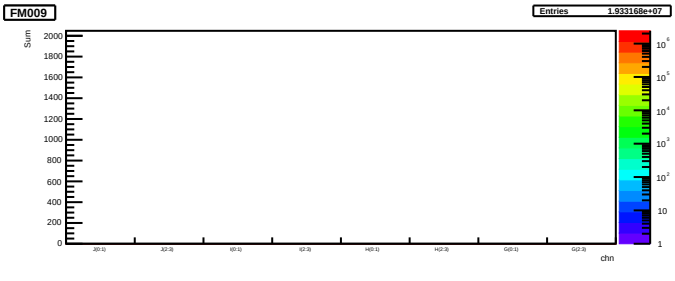

FM004
Entries 1.933168e+07
Sum
chn

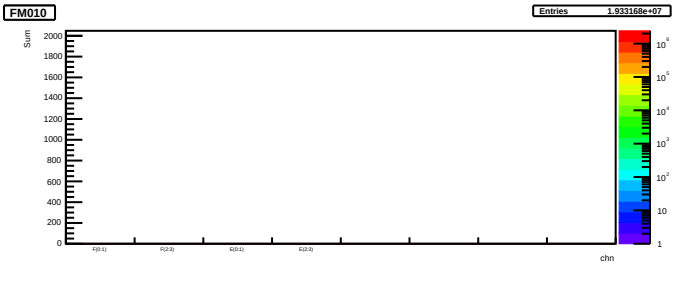

FM005
Entries 1.933168e+07
Sum
chn

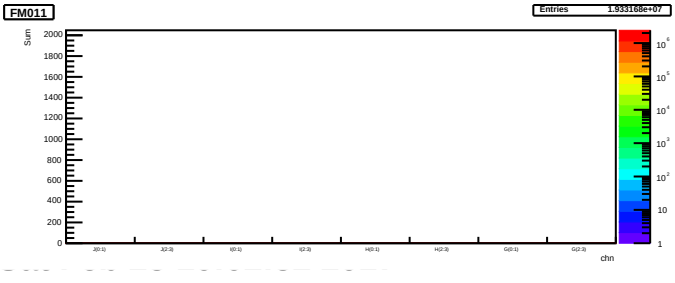

FM006
Entries 1.933168e+07
Sum
chn


FM007
Entries 1.933168e+07
Sum
chn


FM008
Entries 1.933168e+07
Sum
chn


FM009
Entries 1.933168e+07
Sum
chn


FM010
Entries 1.933168e+07
Sum
chn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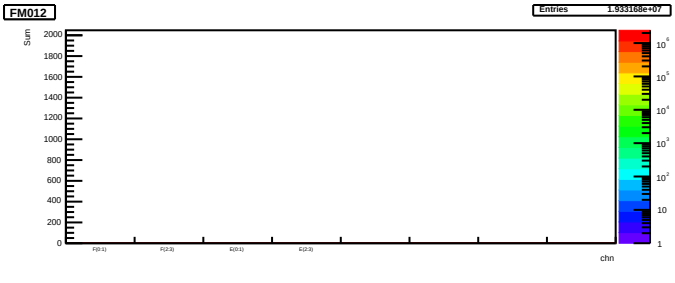
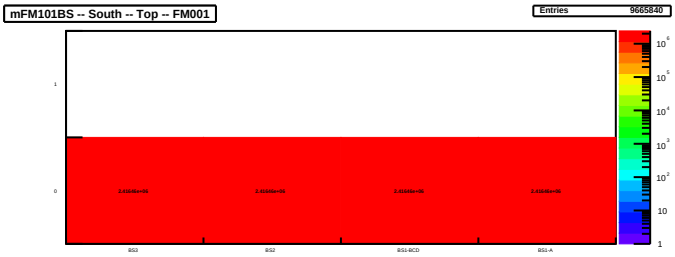
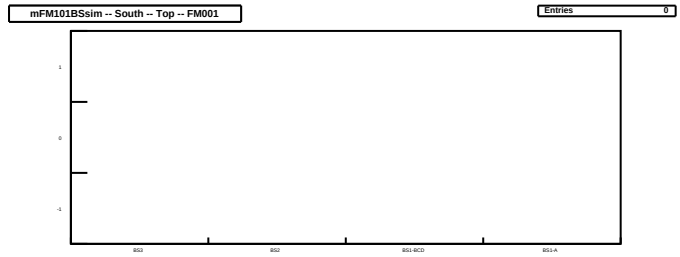
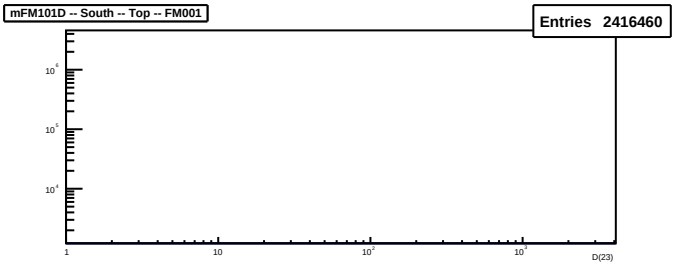
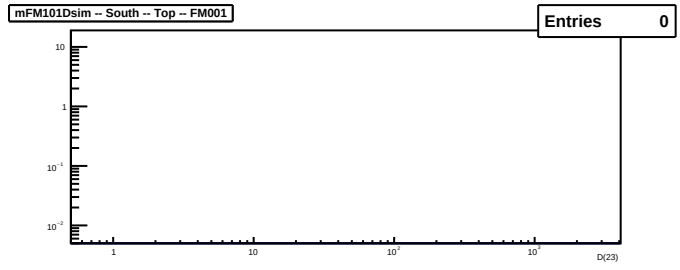
Sum
chn


FM012
Entries 1.933168e+07
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 9665840
BS3
BS2
BS1-BCD
BS1-A


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


mFM101D -- South -- Top -- FM001
Entries 2416460
D(23)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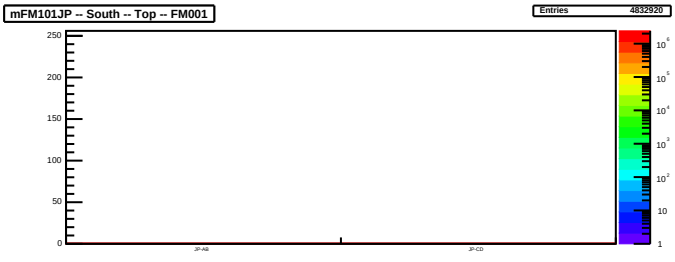
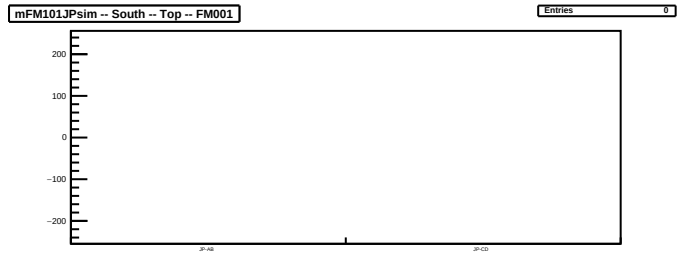
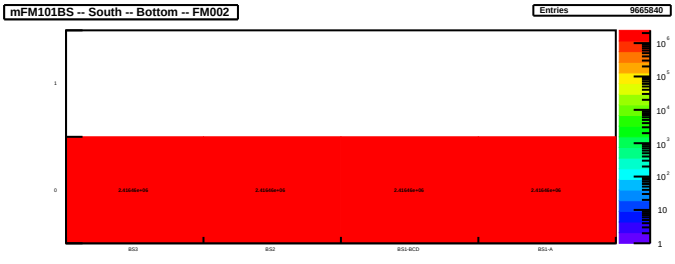
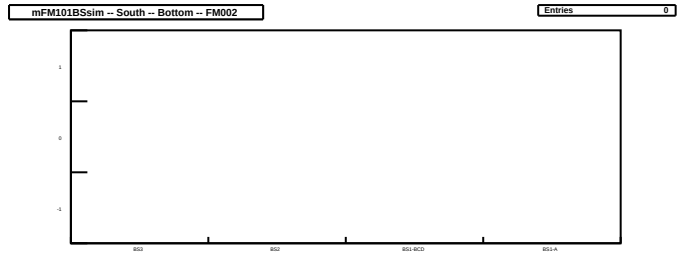
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 4832920
JP-AB
JP-CD


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


mFM101BS -- South -- Bottom -- FM002
Entries 9665840
BS3
BS2
BS1-BCD
BS1-A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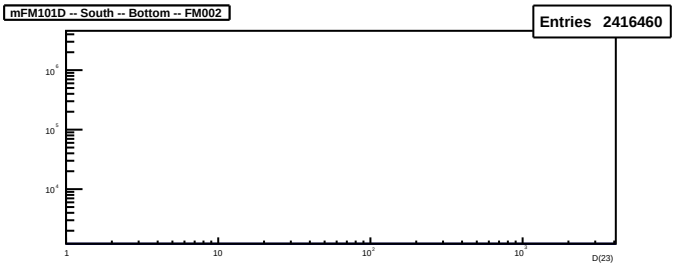
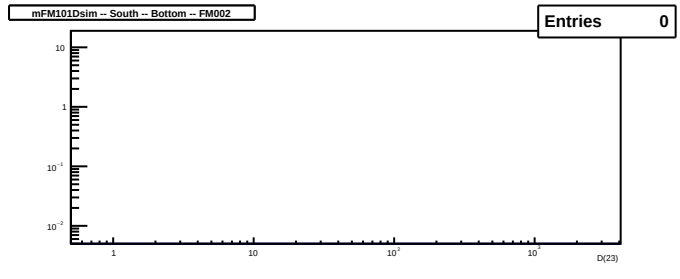
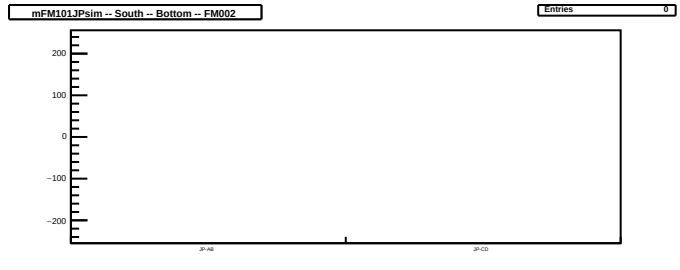
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 2416460
D(23)


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

mFM101JP -- South -- Bottom -- FM002
Entries 4832920
JP-AB
JP-CD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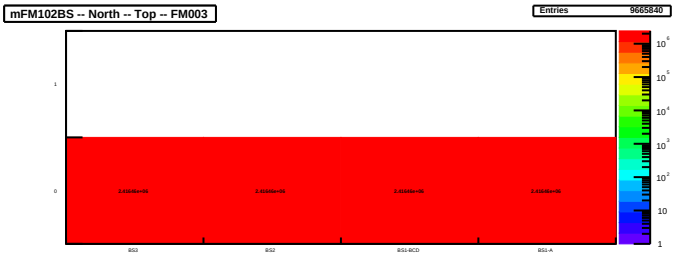
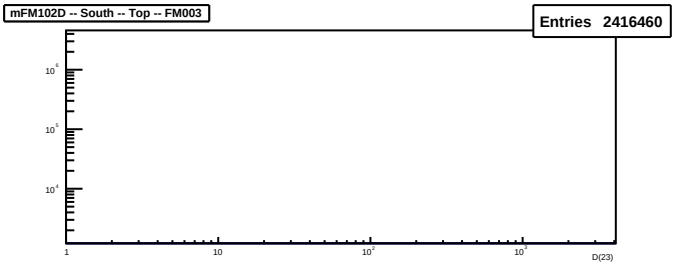
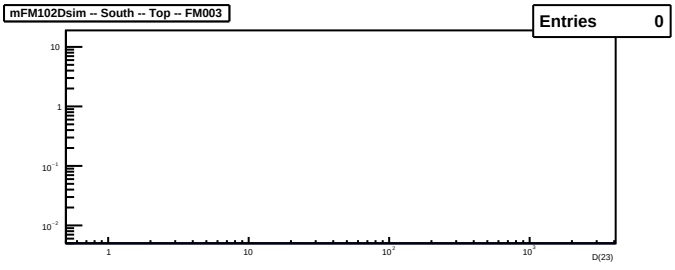
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 9665840
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Top -- FM003
Entries 2416460
D(23)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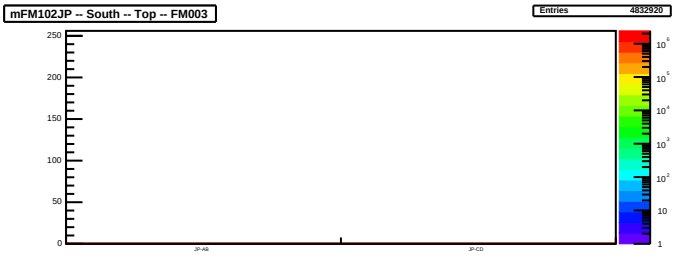
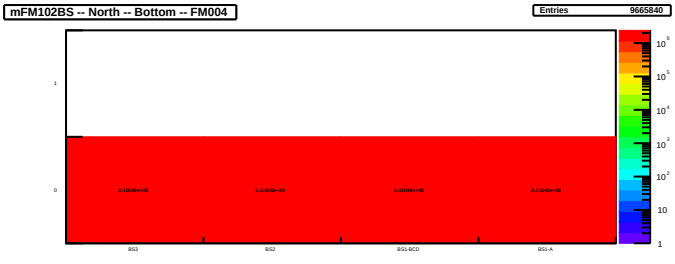
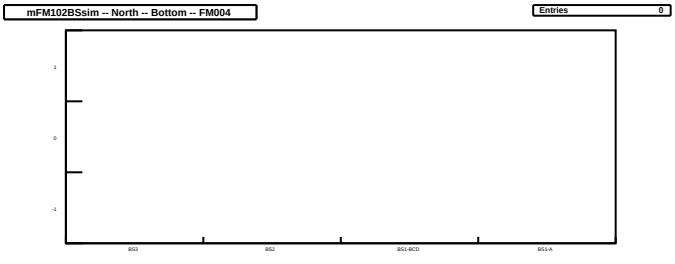
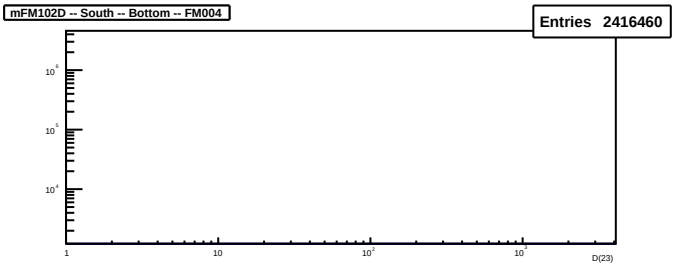
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 4832920
JP-AB
JP-CD

mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Bottom -- FM004
Entries 9665840
BS3
BS2
BS1-BCD
BS1-A


mFM102BSsim -- North -- Bottom -- FM004
Entries 0
BS3
BS2
BS1-BCD
BS1-A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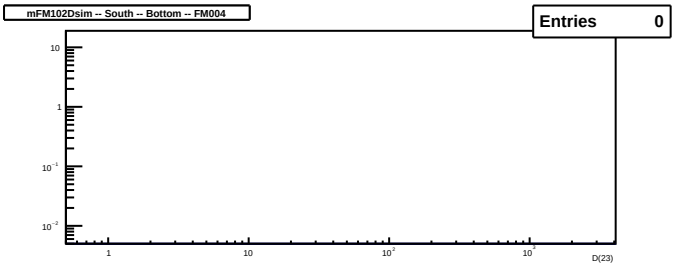
Entries 2416460
D(23)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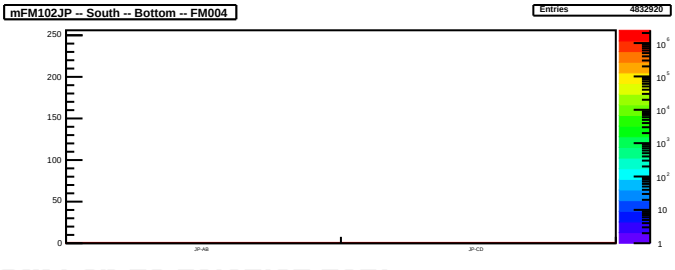
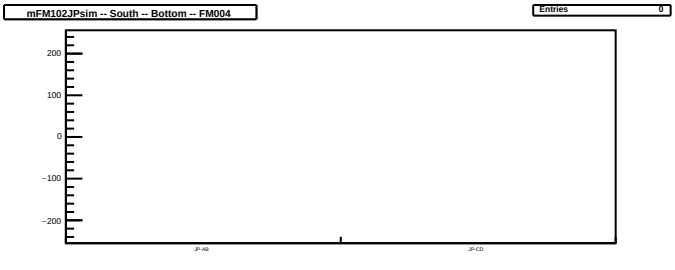
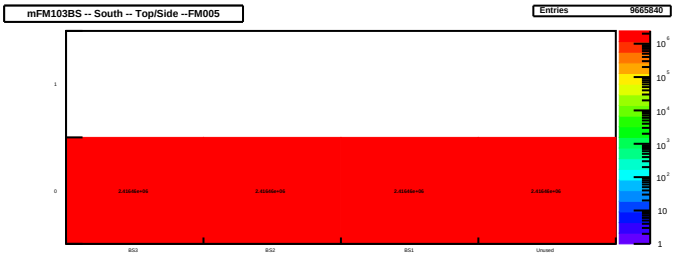
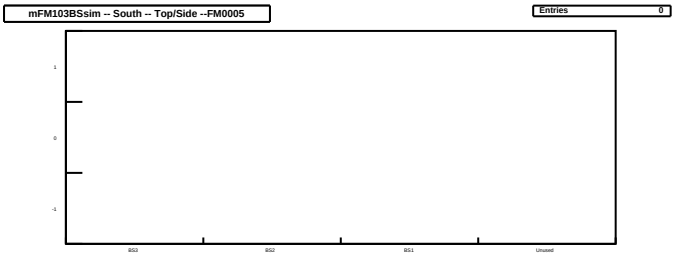
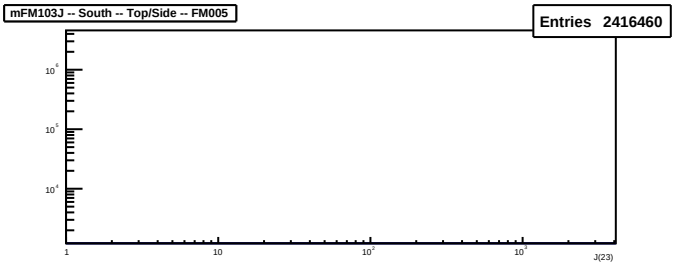
Entries 0
D(23)

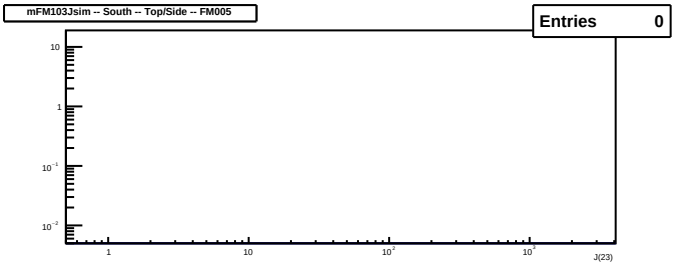

mFM102JP -- South -- Bottom -- FM004
Entries 4832920
JP-AB
JP-CD

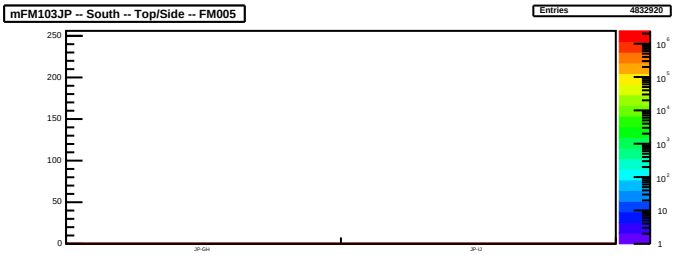

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

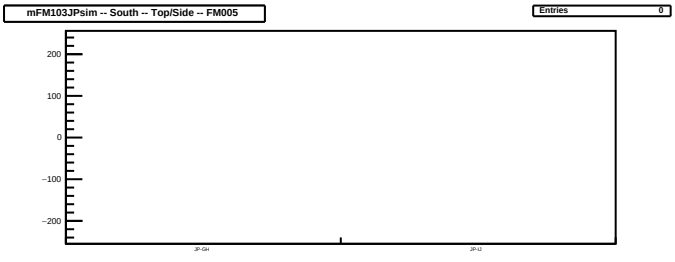

mFM103BS -- South -- Top/Side --FM005
Entries 9665840
BS3
BS2
BS1
Unused

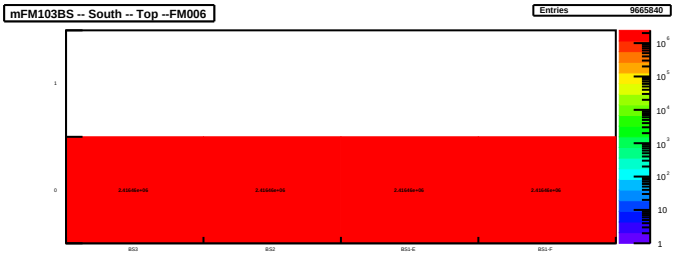

mFM103BSsim -- South -- Top/Side --FM0005
Entries 0
BS3
BS2
BS1
Unused

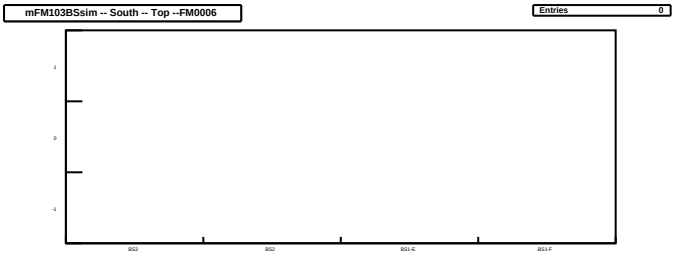

mFM103J -- South -- Top/Side -- FM005
Entries 2416460
J(23)

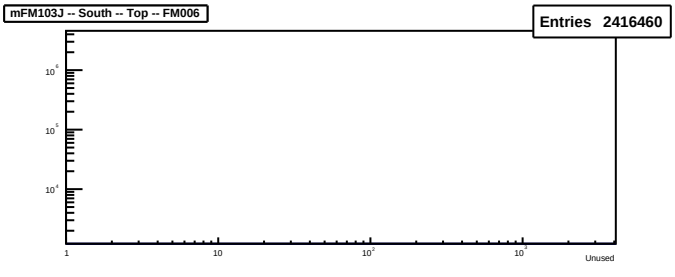

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

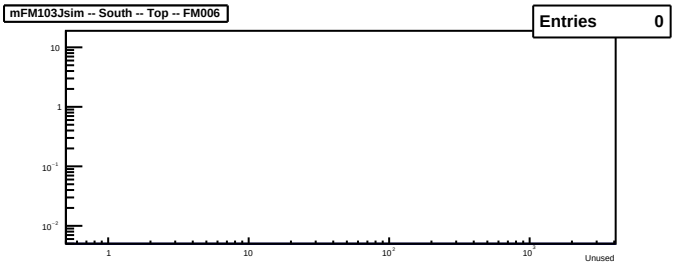

mFM103JP -- South -- Top/Side -- FM005
Entries 4832920
JP-GH
JP-IJ

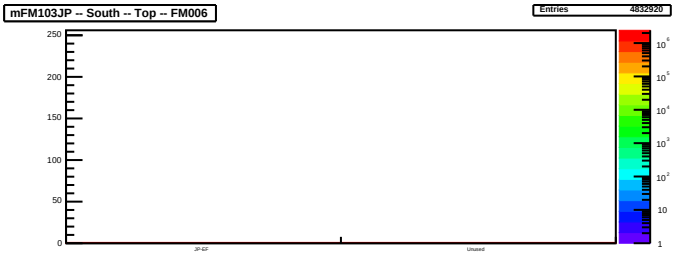

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ

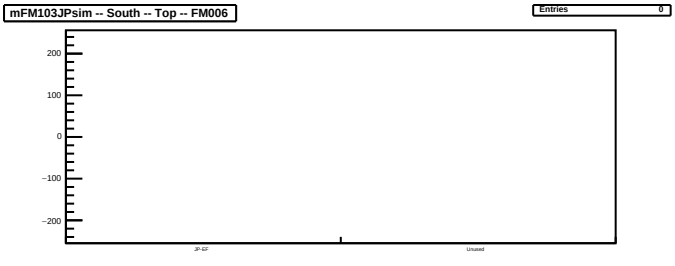

mFM103BS -- South -- Top --FM006
Entries 9665840
BS3
BS2
BS1-E
BS1-F

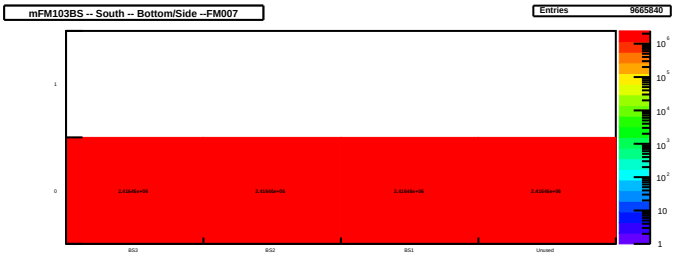

mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F

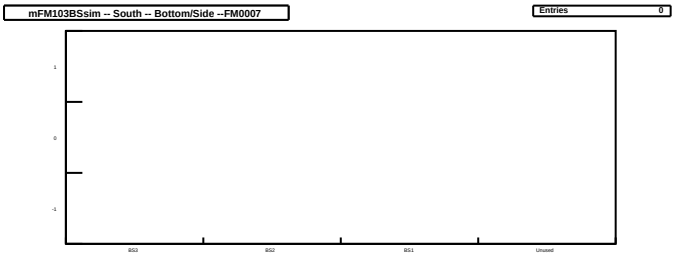

mFM103J -- South -- Top -- FM006
Entries 2416460
Unused

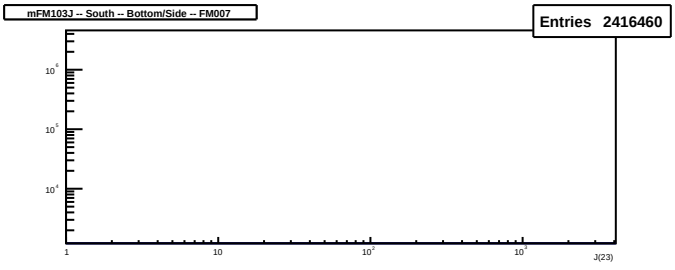

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

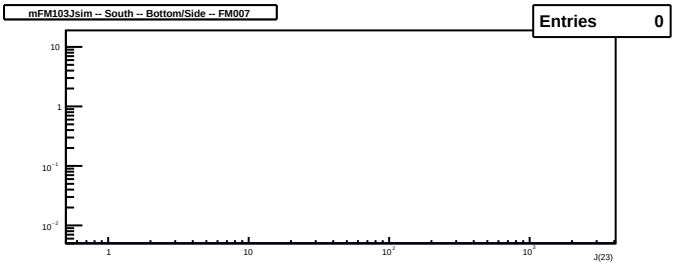

mFM103JP -- South -- Top -- FM006
Entries 4832920
JP-EF
Unused

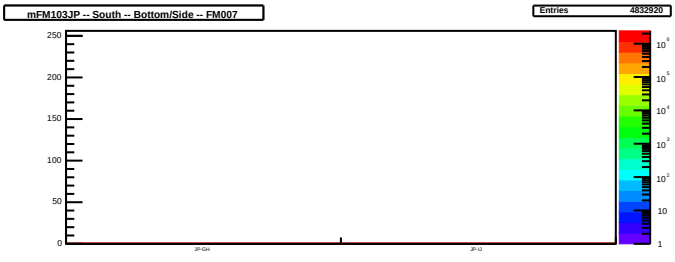

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

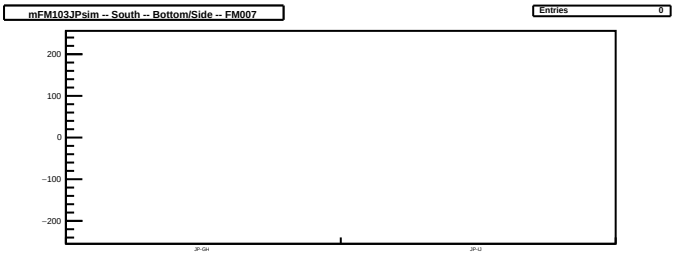

mFM103BS -- South -- Bottom/Side --FM007
Entries 9665840
2.41646e+06
2.41646e+06
2.41646e+06
2.41646e+06
BS3
BS2
BS1
Unused

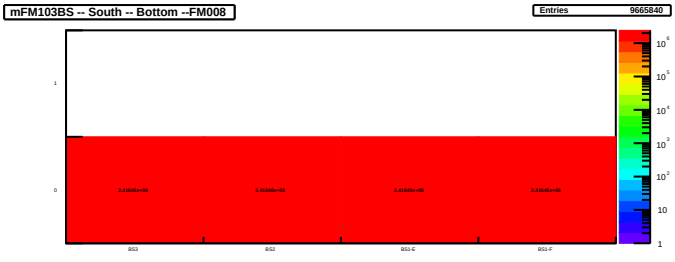

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 0
BS3
BS2
BS1
Unused

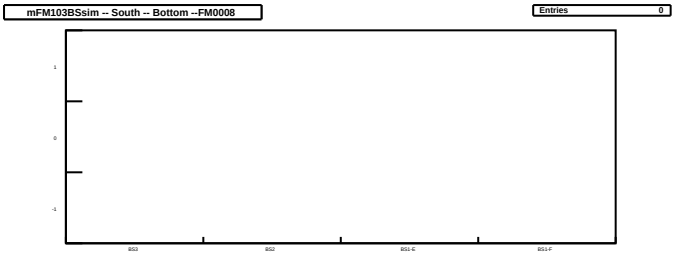

mFM103J -- South -- Bottom/Side -- FM007
Entries 2416460
J(23)

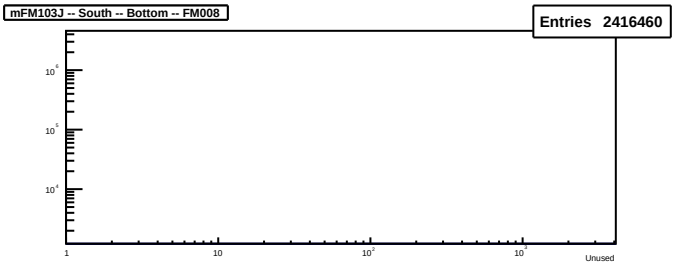

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

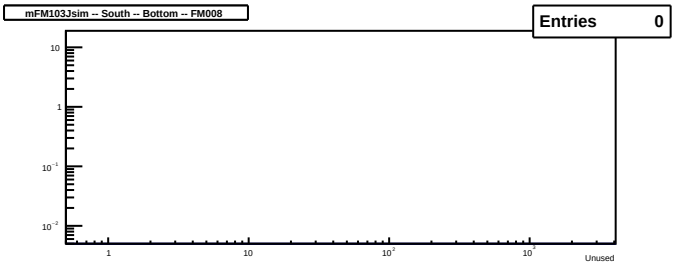

mFM103JP -- South -- Bottom/Side -- FM007
Entries 4832920
JP-GH
JP-IJ


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


mFM103BS -- South -- Bottom --FM008
Entries 9665840
2.41646e+06
2.41646e+06
2.41646e+06
2.41646e+06
BS3
BS2
BS1-E
BS1-F


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


mFM103J -- South -- Bottom -- FM008
Entries 2416460
Unused


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

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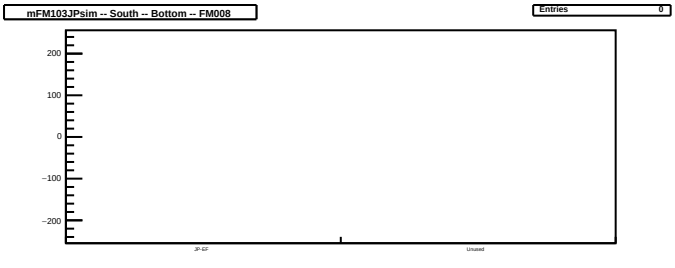
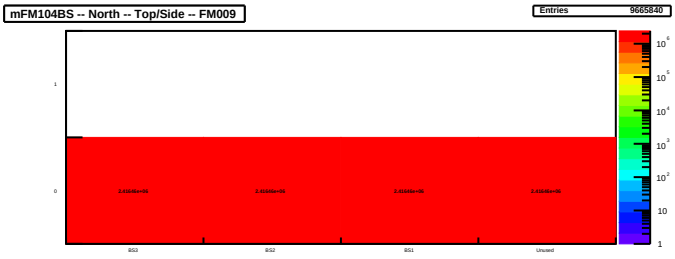
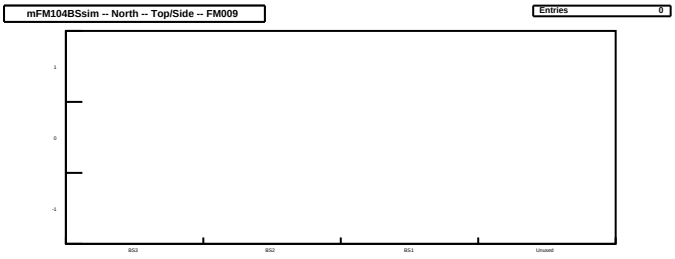
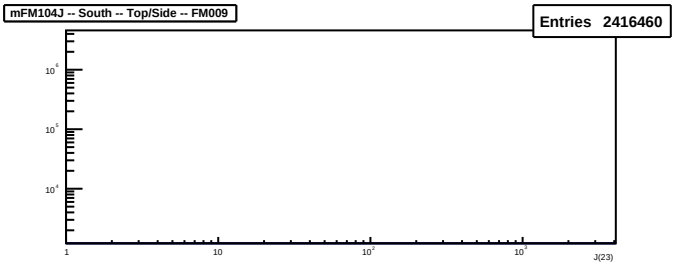
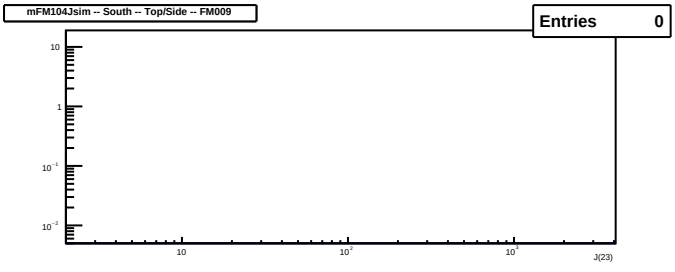
Entries 4832920
JP-EF
Unused

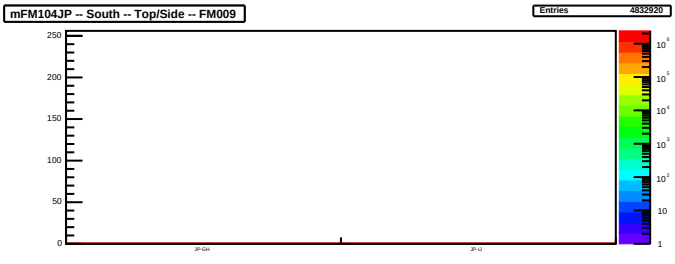

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

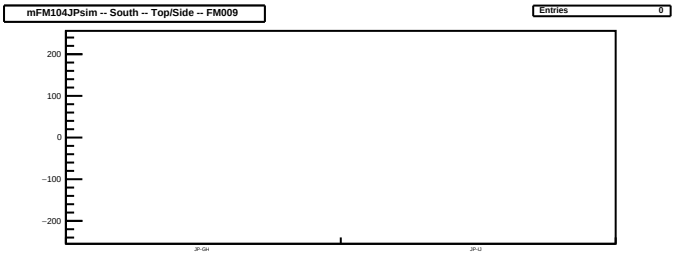

mFM104BS -- North -- Top/Side -- FM009
Entries 9665840
BS3
BS2
BS1
Unused

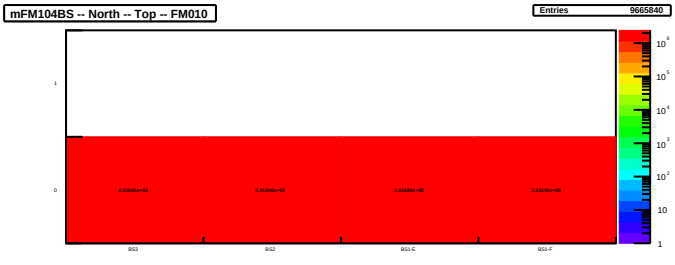

mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused

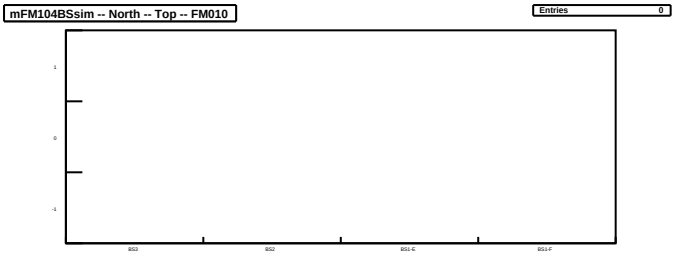

mFM104J -- South -- Top/Side -- FM009
Entries 2416460
J(23)

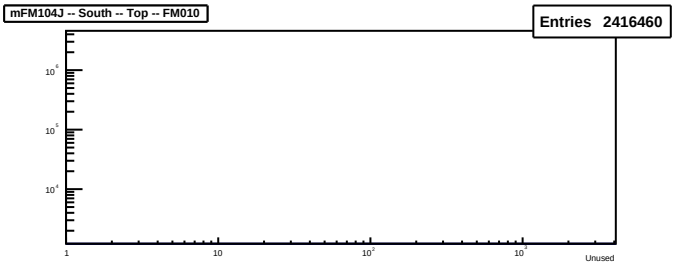

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

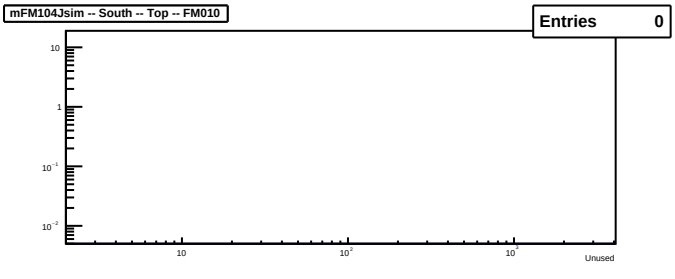

mFM104JP -- South -- Top/Side -- FM009
Entries 4832920
JP-GH
JP-IJ


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

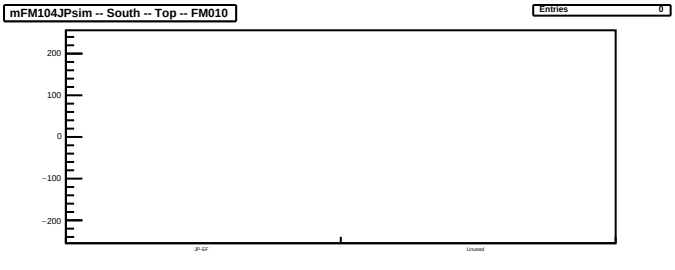

mFM104BS -- North -- Top -- FM010
Entries 9665840
BS3
BS2
BS1-E
BS1-F

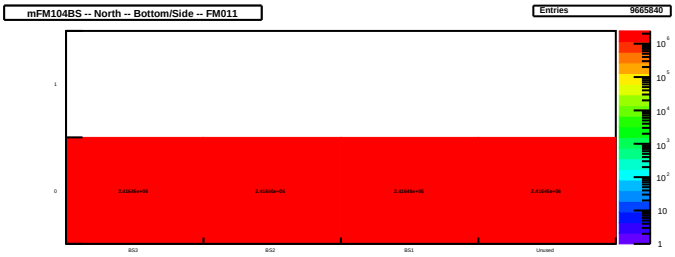

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

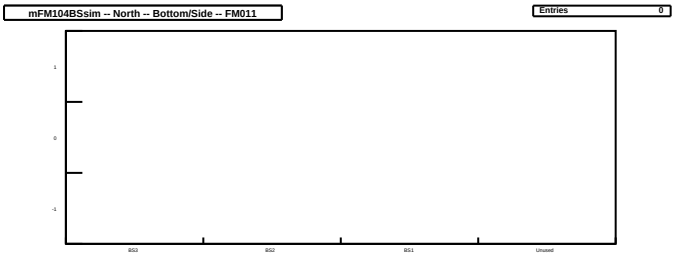

mFM104J -- South -- Top -- FM010
Entries 2416460
Unused

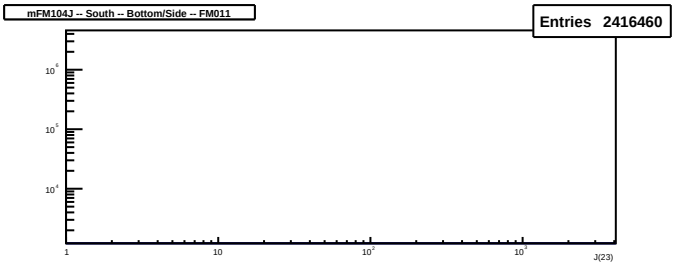

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

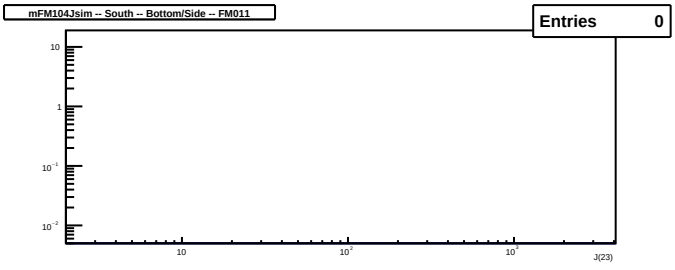
mFM104JP -- South -- Top -- FM010
Entries 4832920
JP-EF
Unused

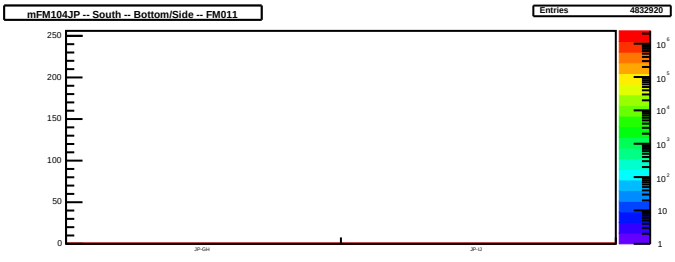

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

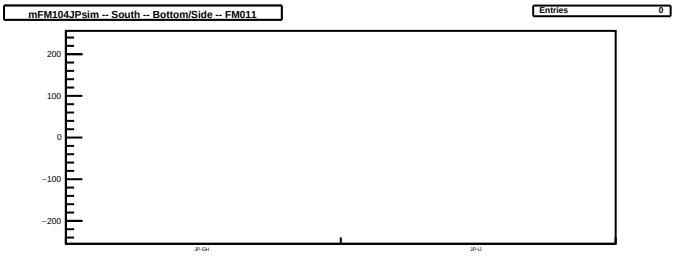

mFM104BS -- North -- Bottom/Side -- FM011
Entries 9665840
2.41646e+06
2.41646e+06
2.41646e+06
2.41646e+06
BS3
BS2
BS1
Unused

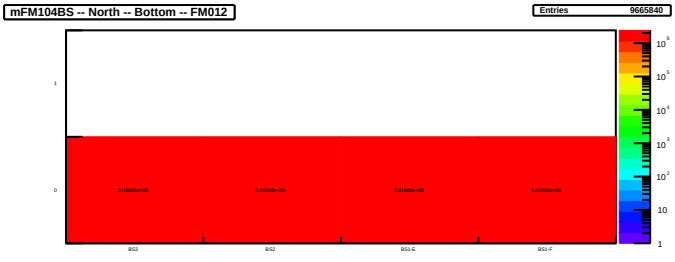

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

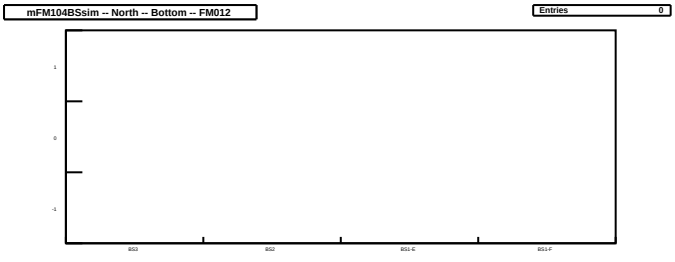

mFM104J -- South -- Bottom/Side -- FM011
Entries 2416460
J(23)

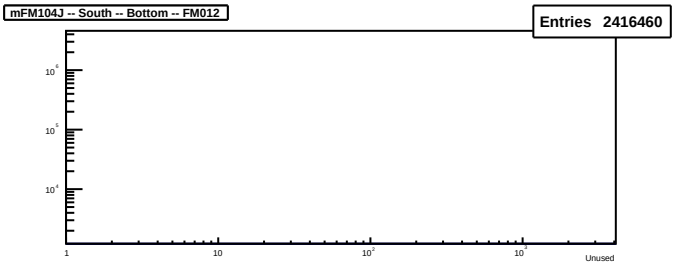

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

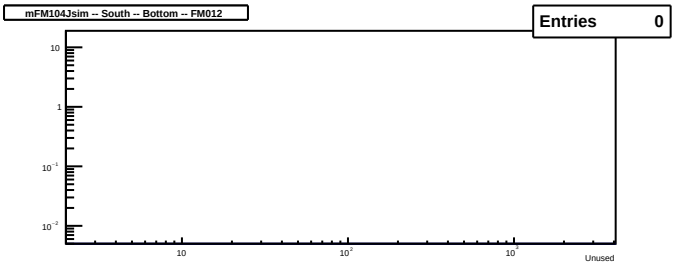

mFM104JP -- South -- Bottom/Side -- FM011
Entries 4832920
JP-GH
JP-IJ


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


mFM104BS -- North -- Bottom -- FM012
Entries 9665840
2.41646e+06
2.41646e+06
2.41646e+06
2.41646e+06
BS3
BS2
BS1-E
BS1-F

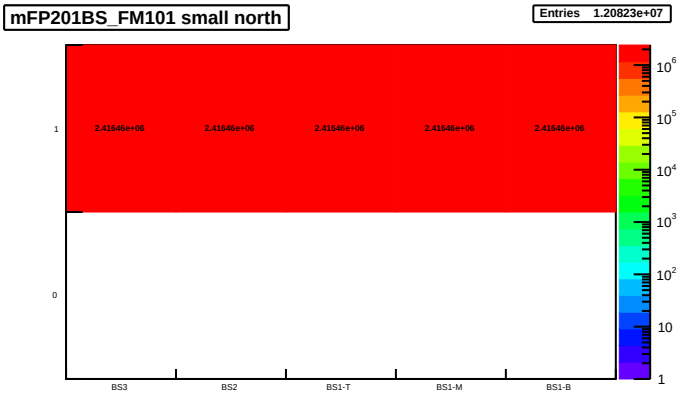

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

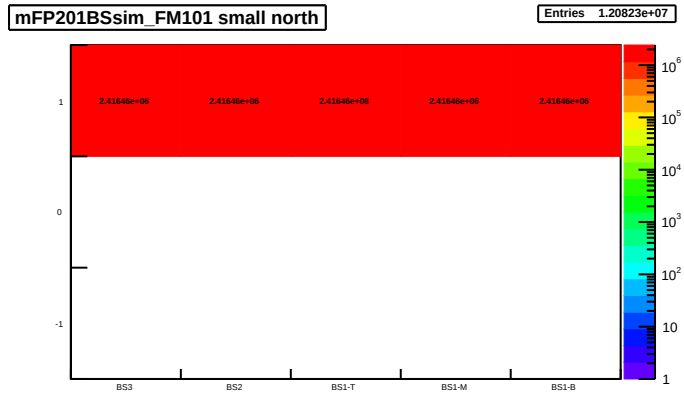

mFM104J -- South -- Bottom -- FM012
Entries 2416460
Unused

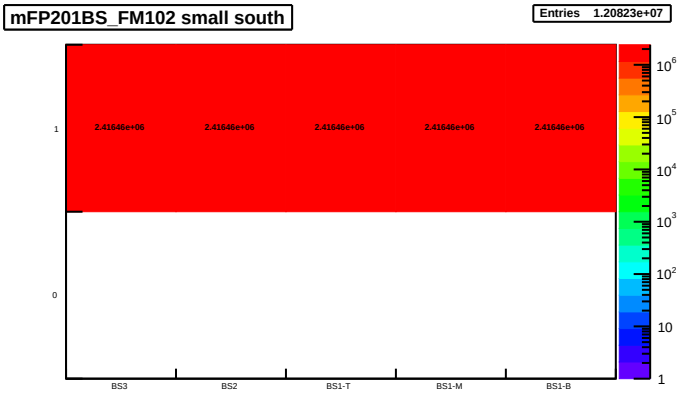

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

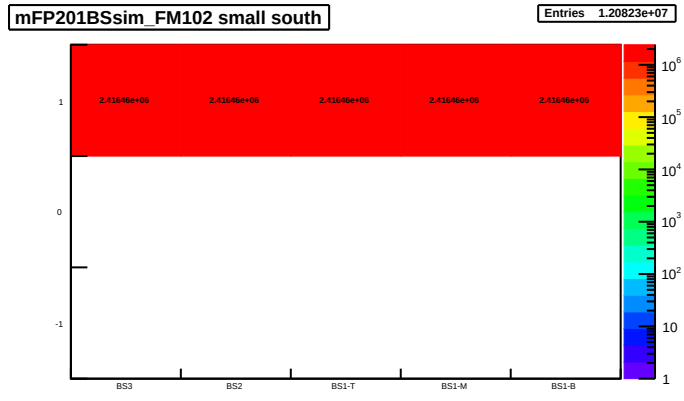
mFM104JP -- South -- Bottom -- FM012
Entries 4832920
JP-EF
Unused

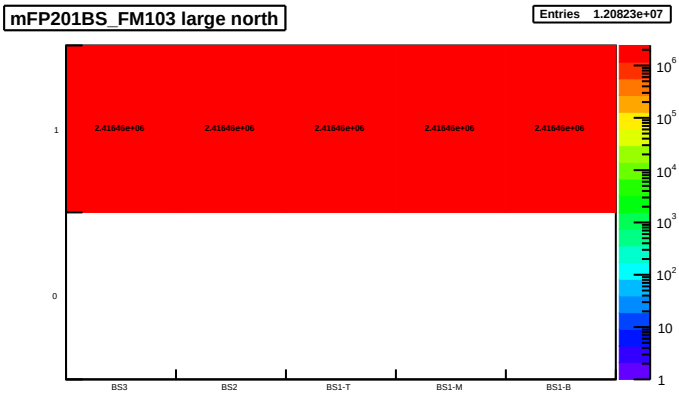
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

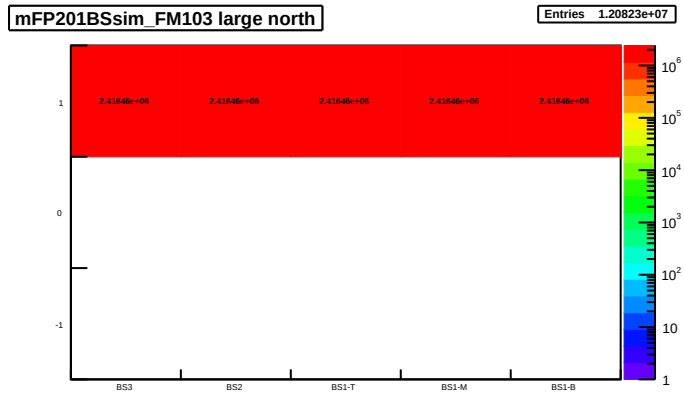

mFP201BS_FM101 small north
Entries 1.20823e+07
2.41646e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

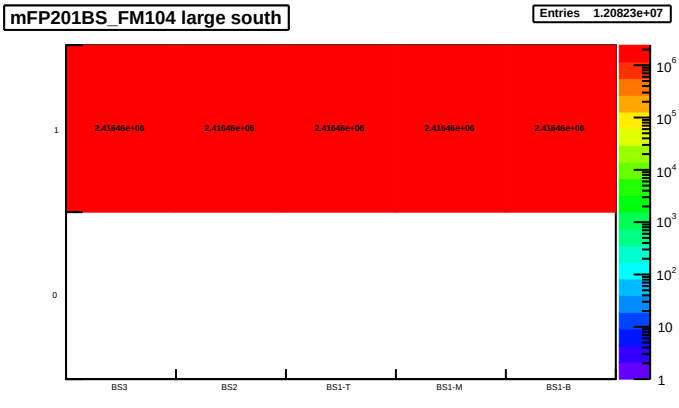

mFP201BSsim_FM101 small north
Entries 1.20823e+07
2.41646e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

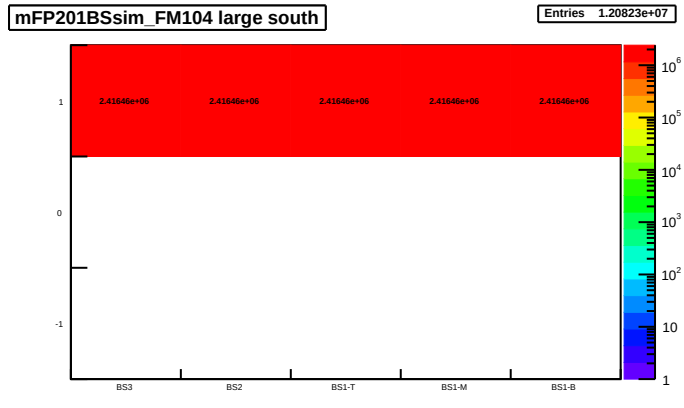

mFP201BS_FM102 small south
Entries 1.20823e+07
2.41646e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

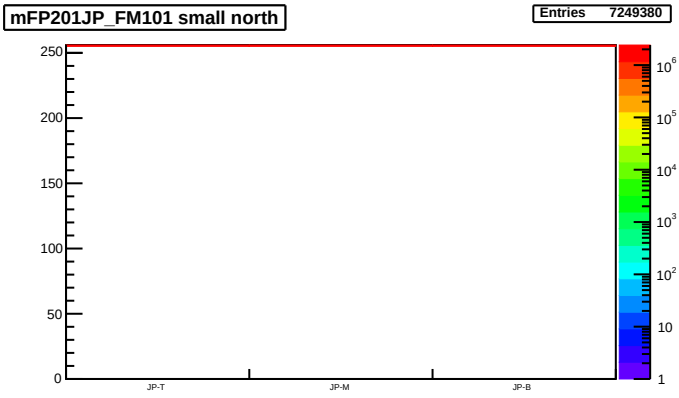

mFP201BSsim_FM102 small south
Entries 1.20823e+07
2.41646e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

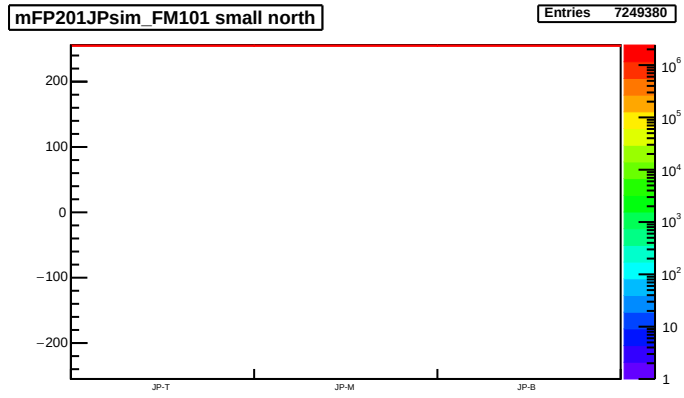

mFP201BS_FM103 large north
Entries 1.20823e+07
2.41646e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

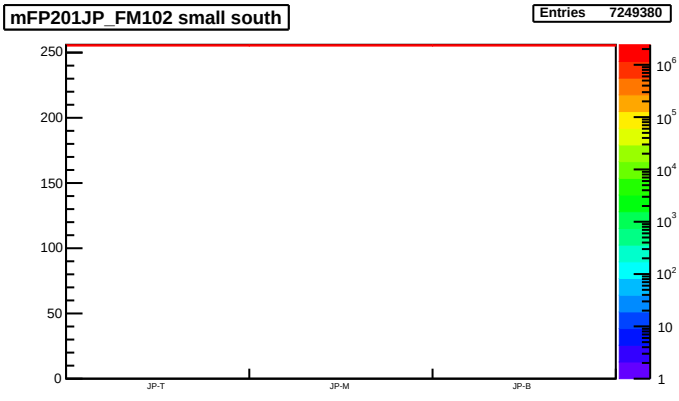

mFP201BSsim_FM103 large north
Entries 1.20823e+07
2.41646e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

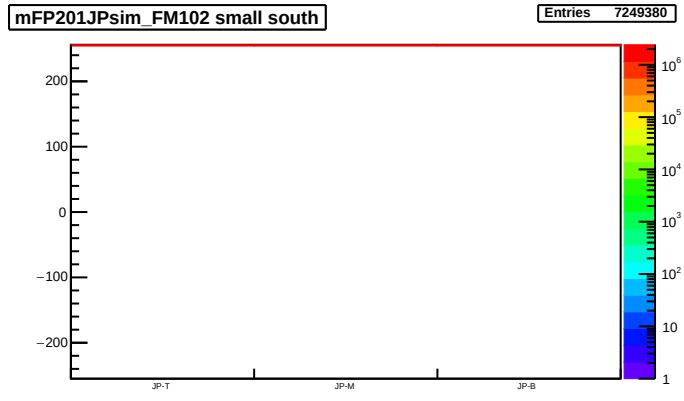

mFP201BS_FM104 large south
Entries 1.20823e+07
2.41646e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

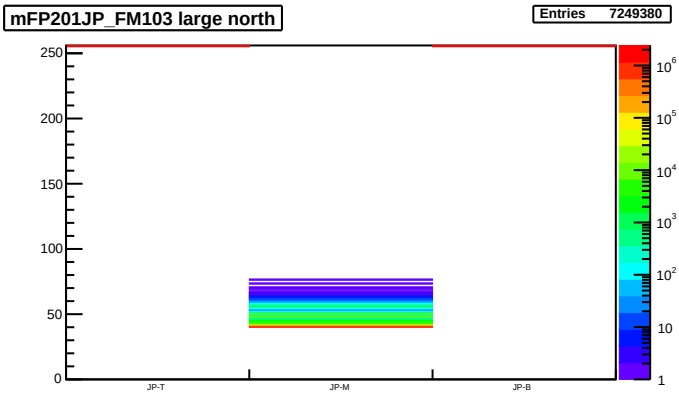

mFP201BSsim_FM104 large south
Entries 1.20823e+07
2.41646e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

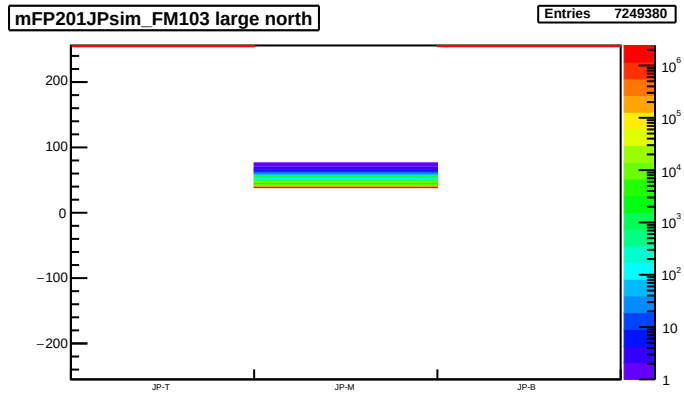

mFP201JP_FM101 small north
Entries 7249380
JP-T
JP-M
JP-B

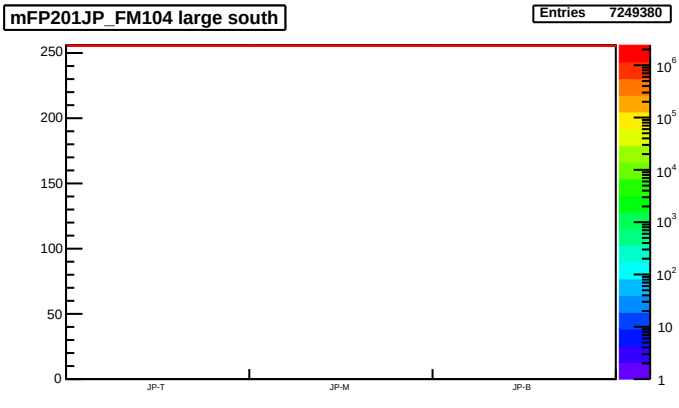

mFP201JPsim_FM101 small north
Entries 7249380
JP-T
JP-M
JP-B

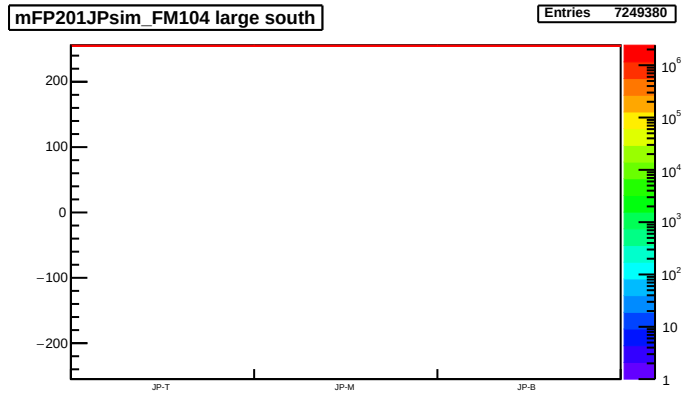

mFP201JP_FM102 small south
Entries 7249380
JP-T
JP-M
JP-B

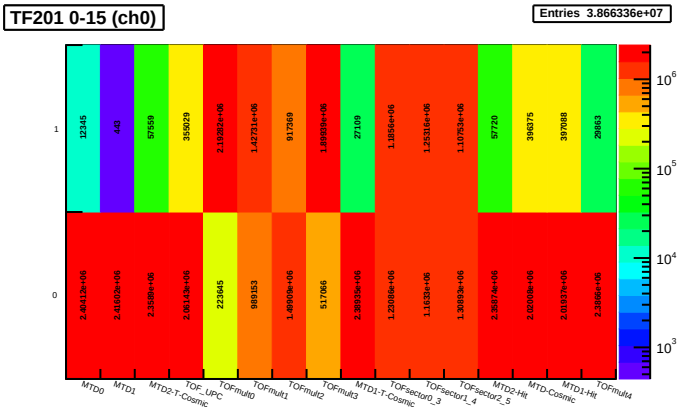

mFP201JPsim_FM102 small south
Entries 7249380
JP-T
JP-M
JP-B

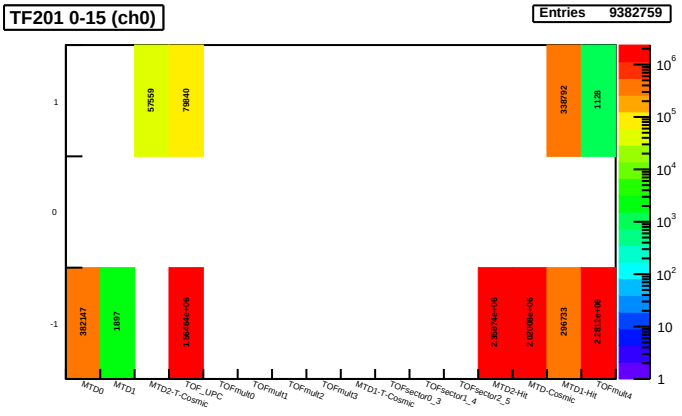

mFP201JP_FM103 large north
Entries 7249380
JP-T
JP-M
JP-B

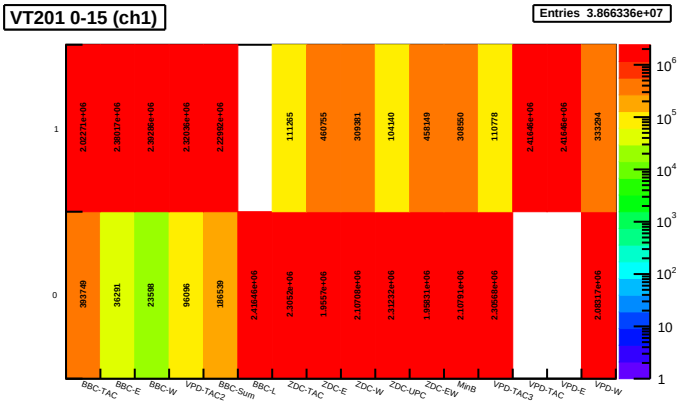

mFP201JPsim_FM103 large north
Entries 7249380
JP-T
JP-M
JP-B

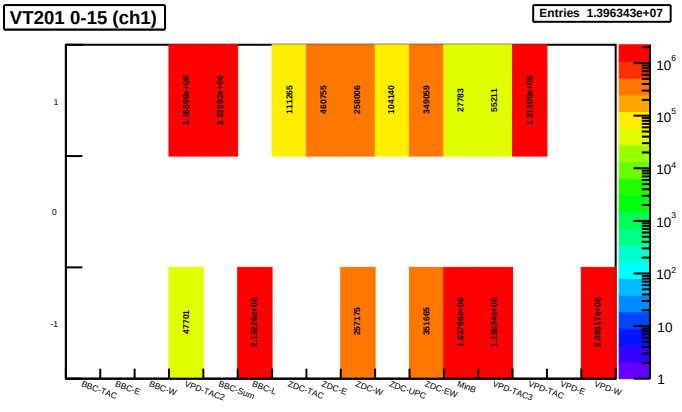

mFP201JP_FM104 large south
Entries 7249380
JP-T
JP-M
JP-B

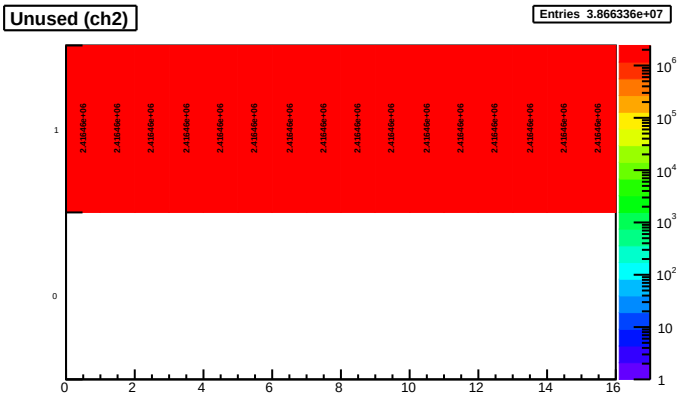

mFP201JPsim_FM104 large south
Entries 7249380
JP-T
JP-M
JP-B

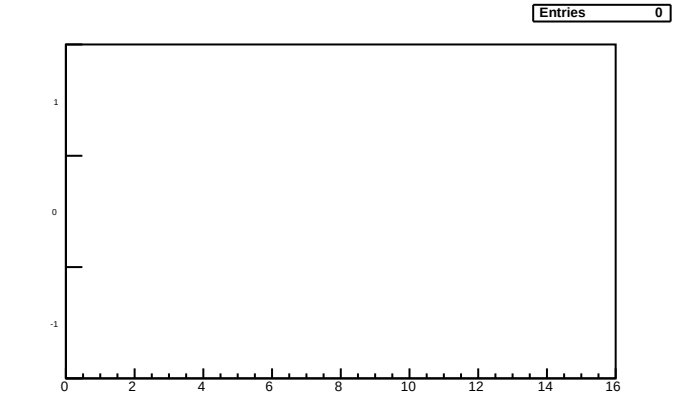

TF201 0-15 (ch0)
Entries 3.866336e+07
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

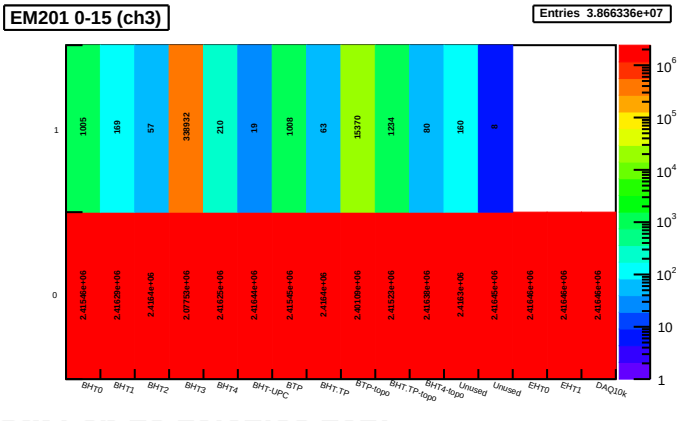

TF201 0-15 (ch0)
Entries 9382759
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

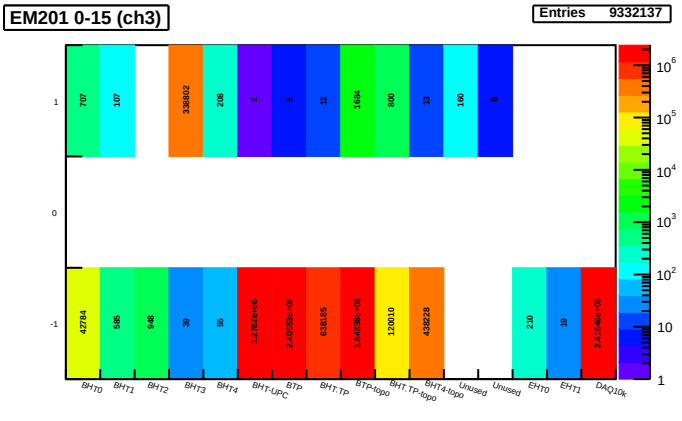

VT201 0-15 (ch1)
Entries 3.866336e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

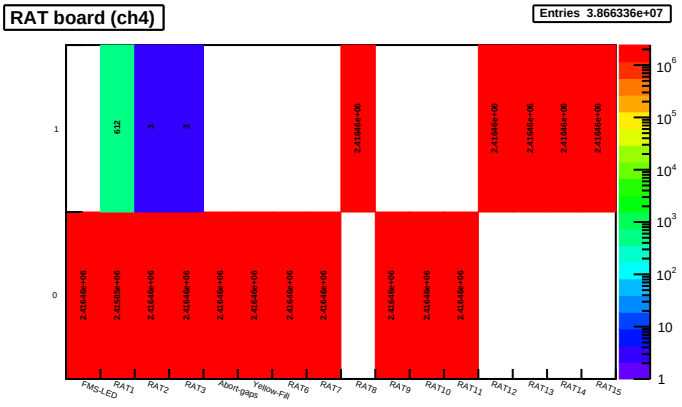

VT201 0-15 (ch1)
Entries 1.396343e+07
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

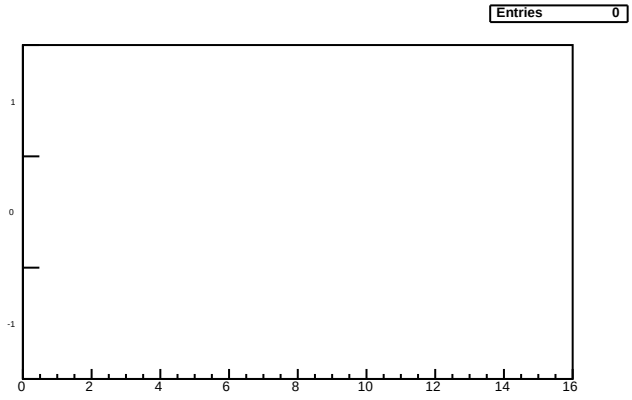

Unused (ch2)
Entries 3.866336e+07

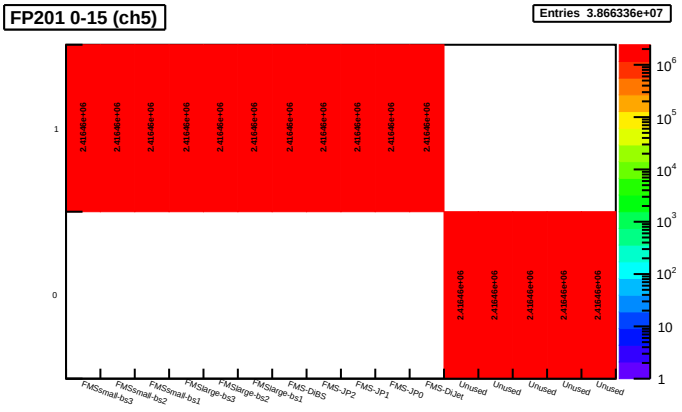

Entries 0

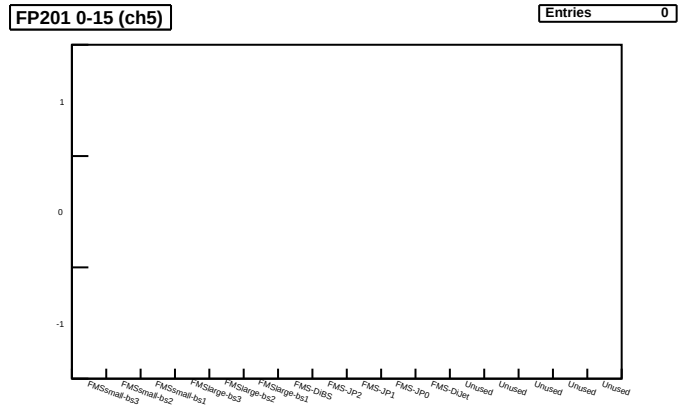

EM201 0-15 (ch3)
Entries 3.866336e+07
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

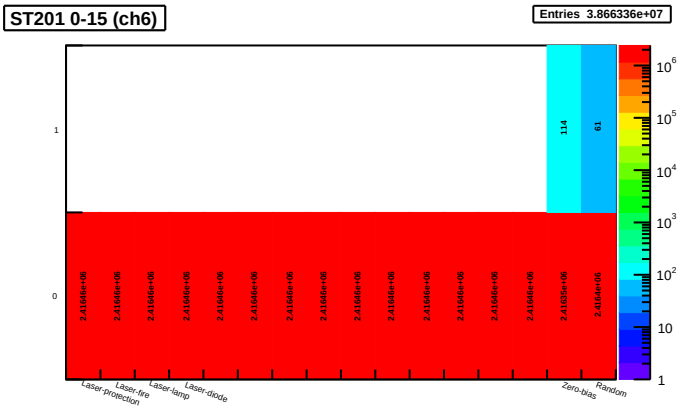

EM201 0-15 (ch3)
Entries 9332137
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

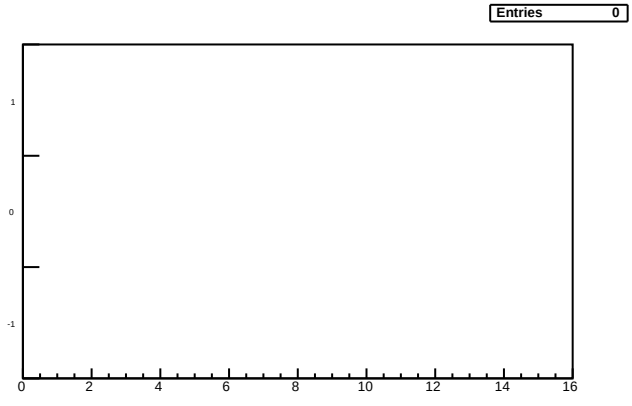

RAT board (ch4)
Entries 3.866336e+07
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15


Entries 0


FP201 0-15 (ch5)
Entries 3.866336e+07
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 3.866336e+07
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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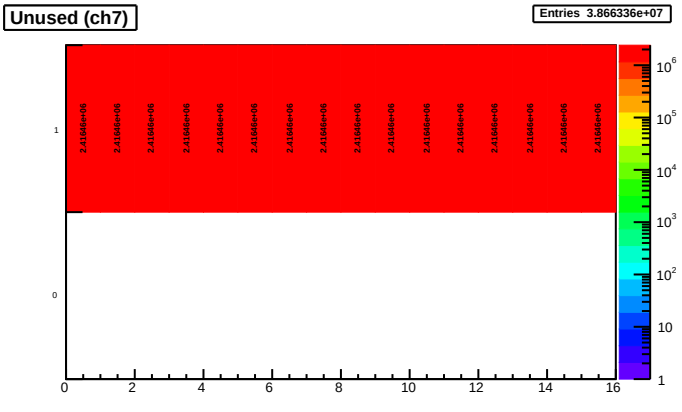
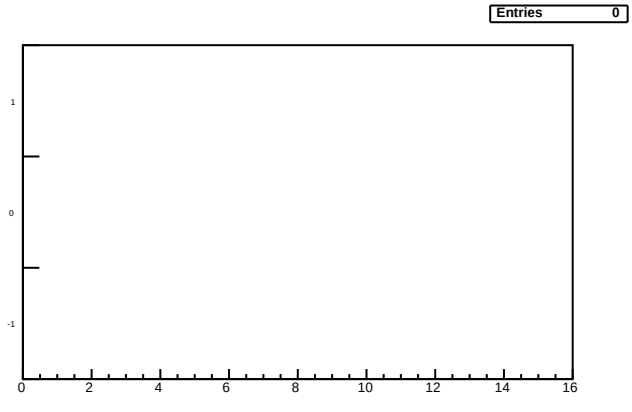

Unused (ch7)
Entries 3.866336e+07


Entries 0