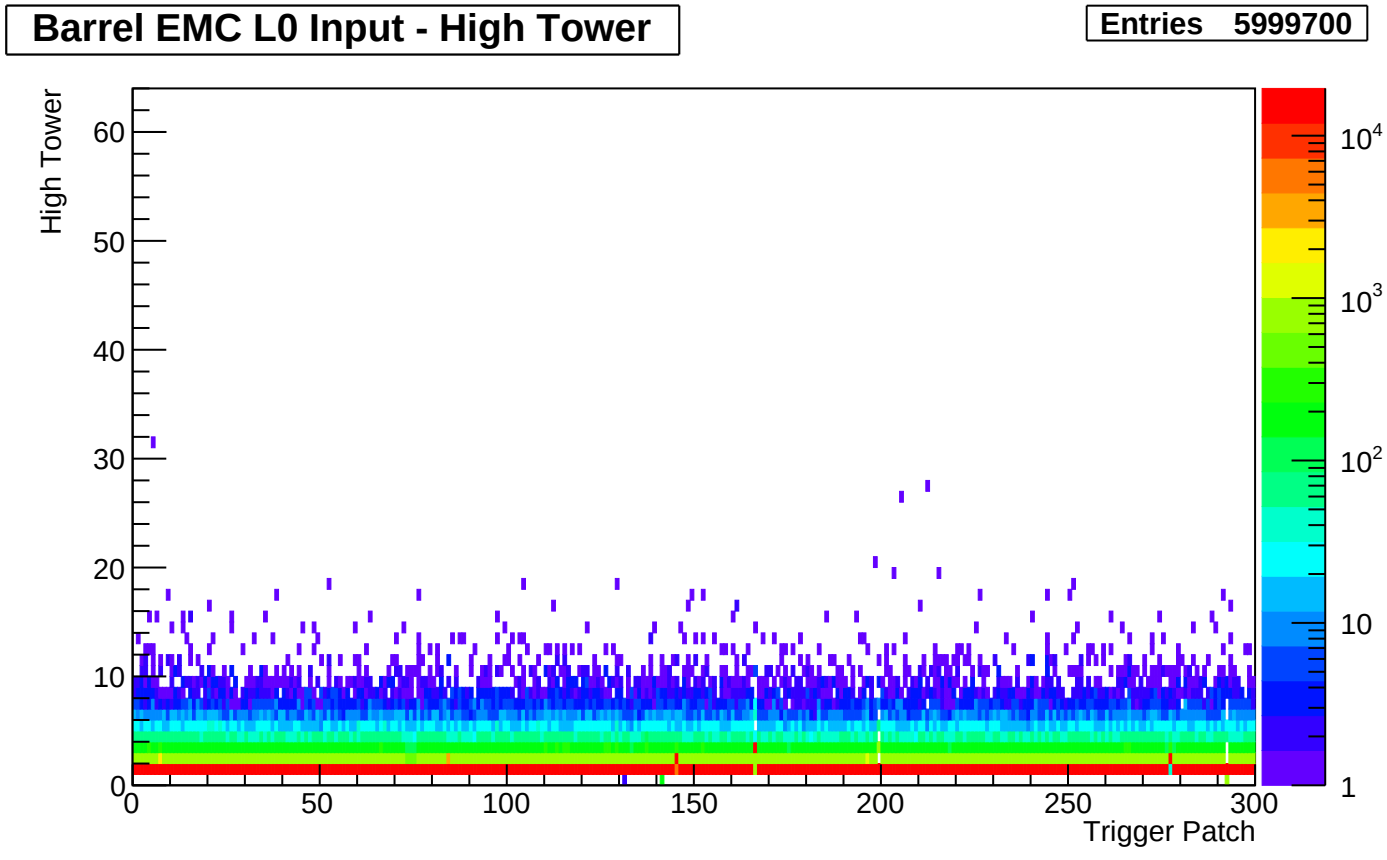
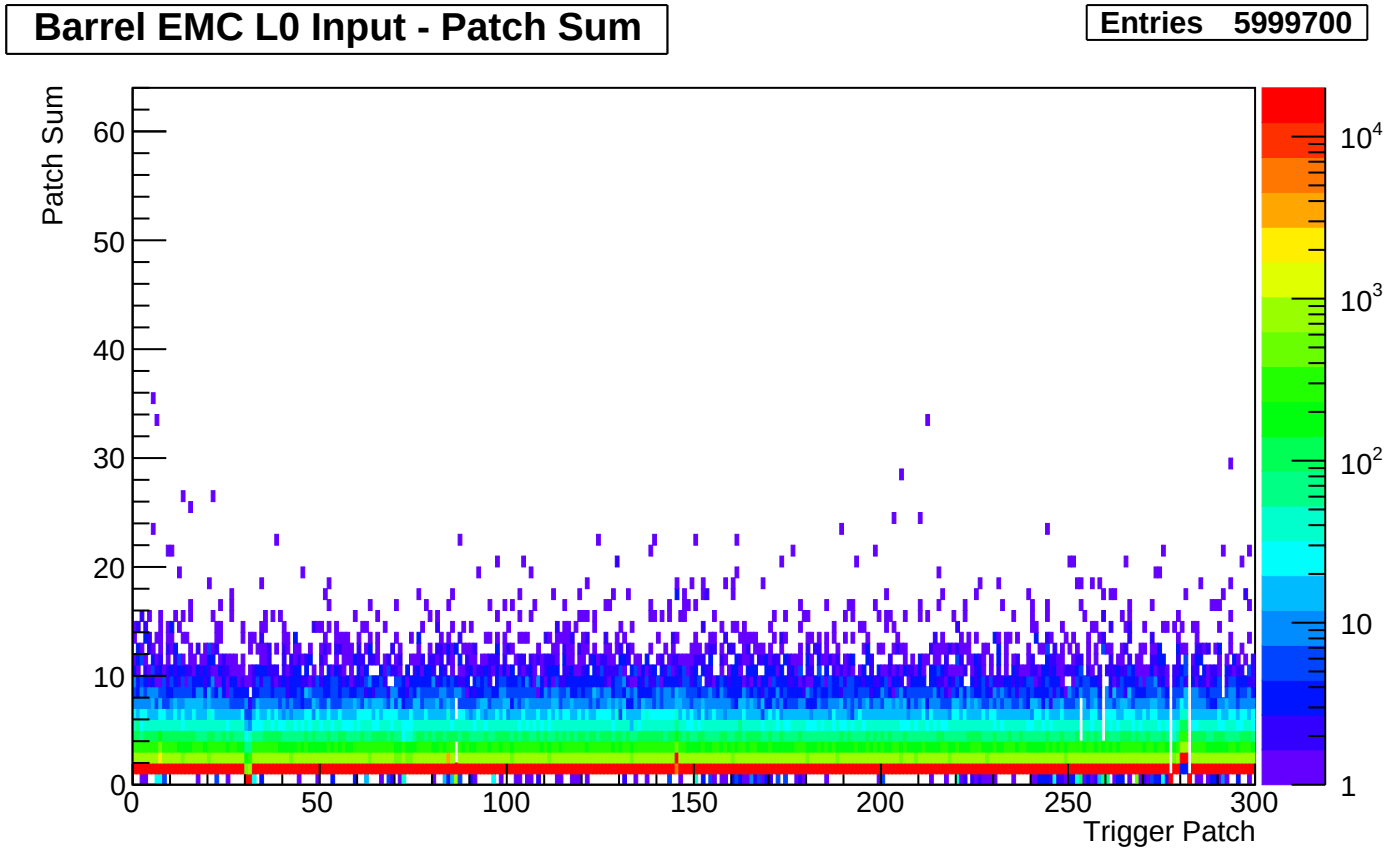
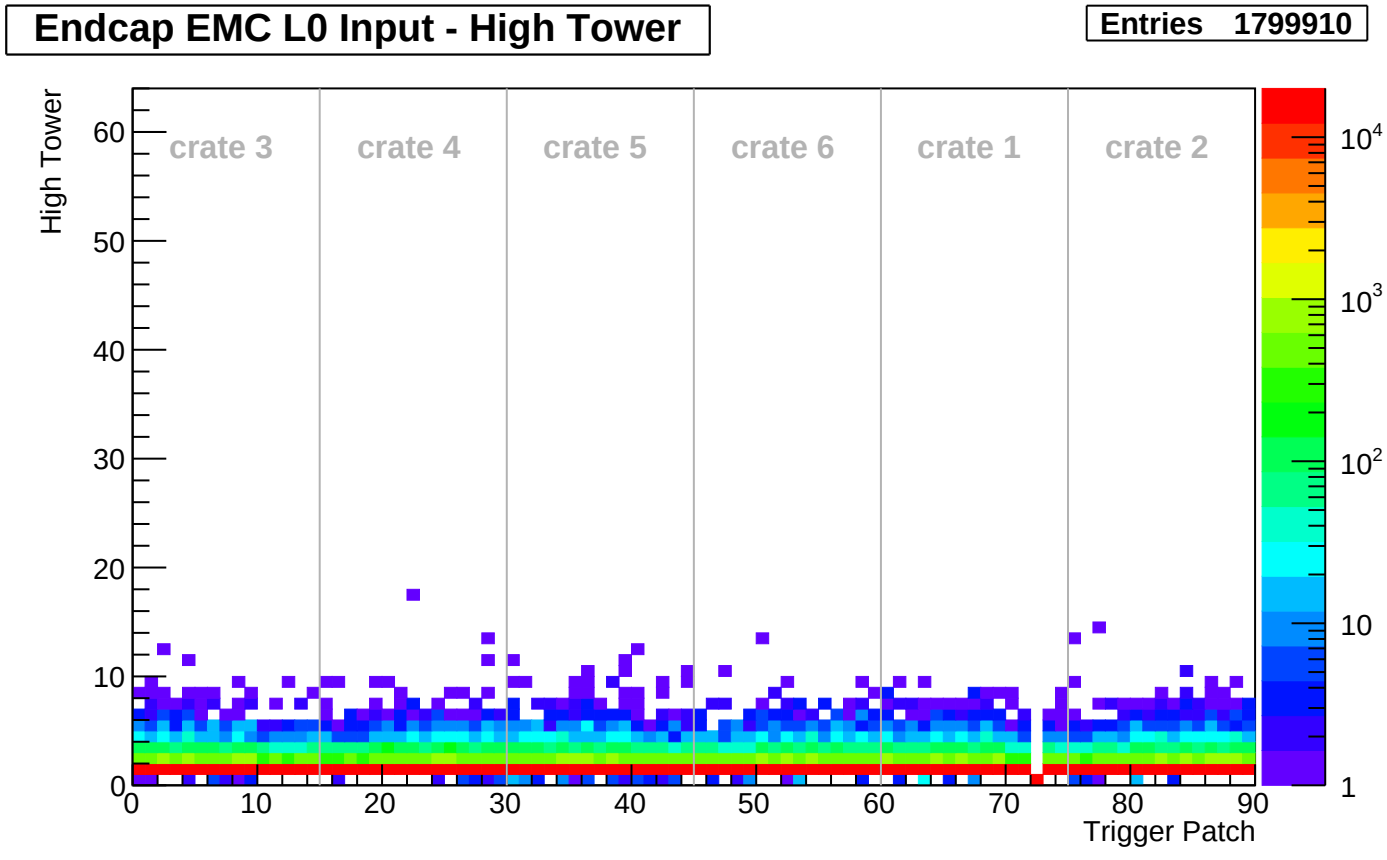
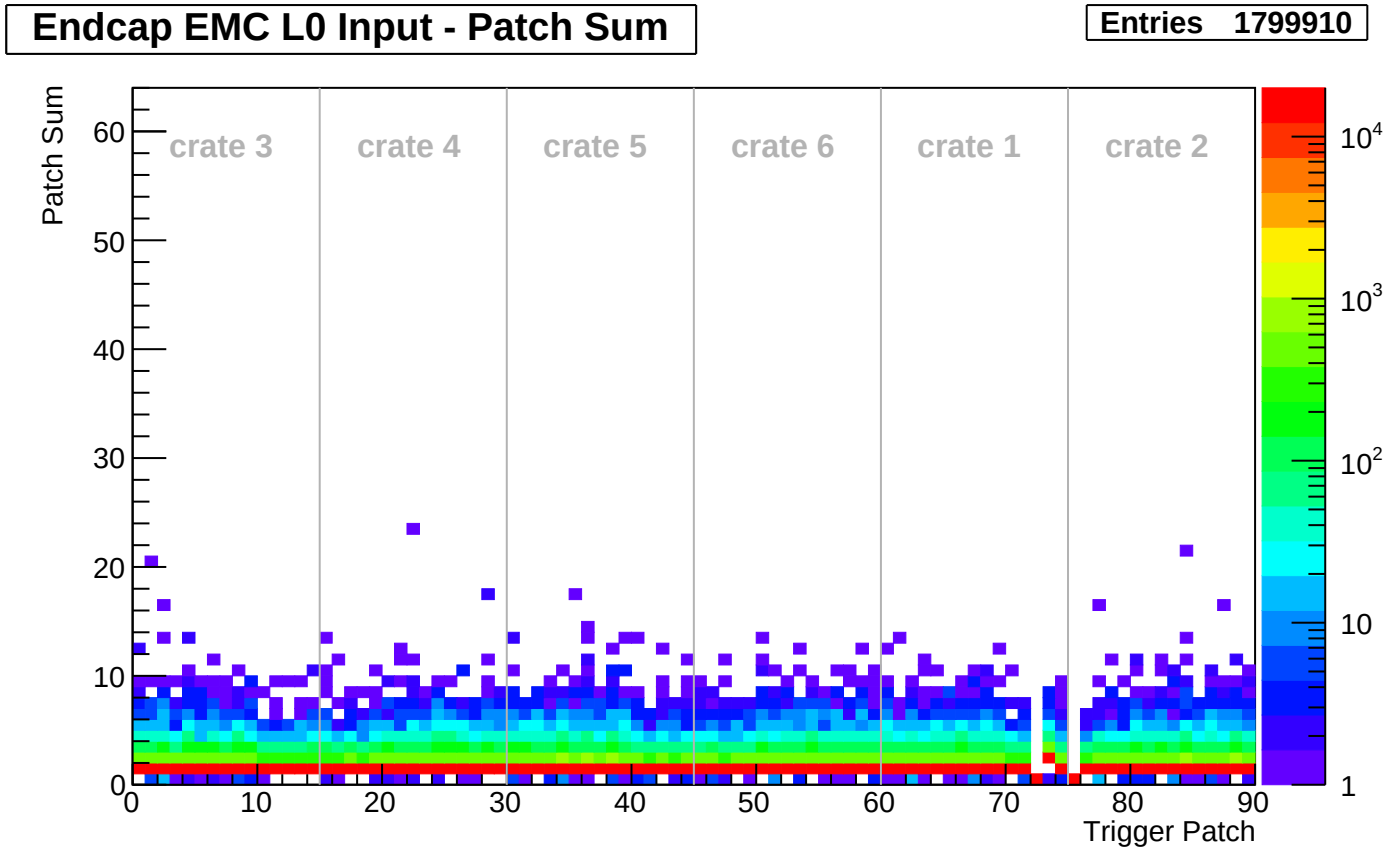
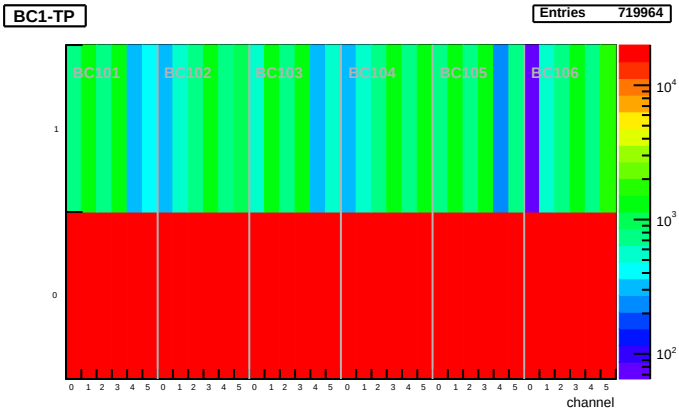
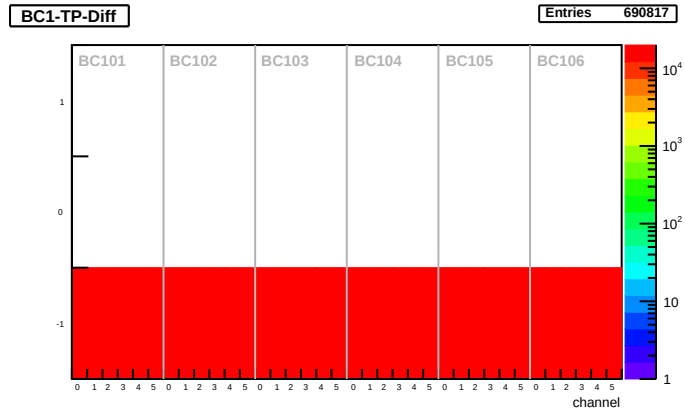

Barrel EMC L0 Input - High Tower
Entries 5999700
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

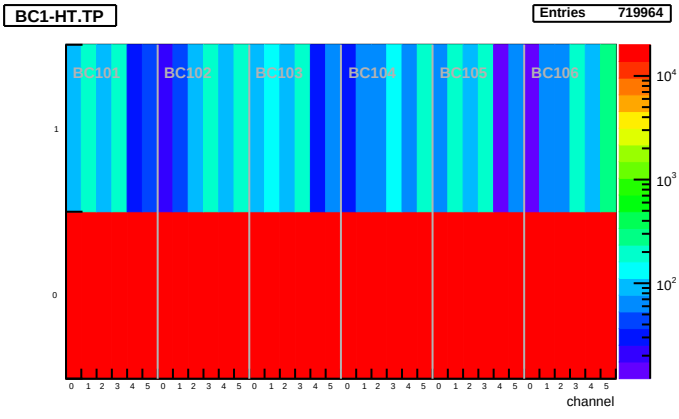

Barrel EMC L0 Input - Patch Sum
Entries 5999700
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

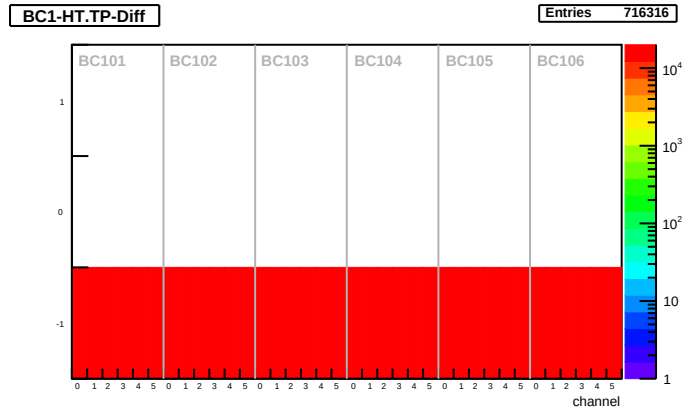

Endcap EMC L0 Input - High Tower
Entries 1799910
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

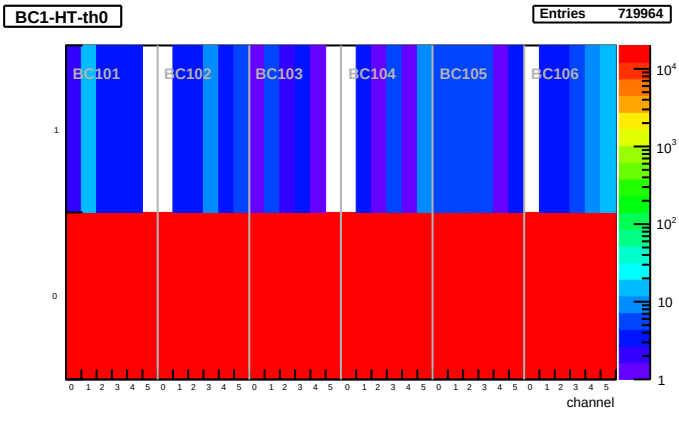

Endcap EMC L0 Input - Patch Sum
Entries 1799910
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

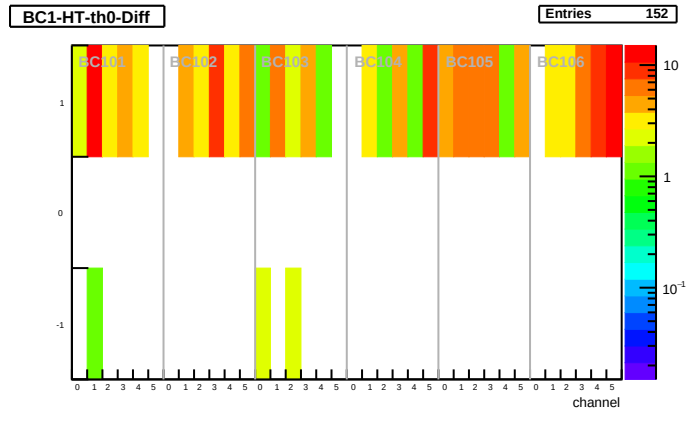

BC1-TP
Entries 719964
BC101
BC102
BC103
BC104
BC105
BC106
channel

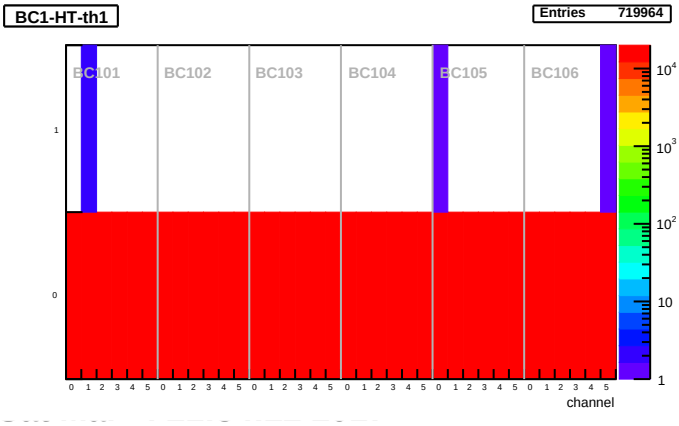

BC1-TP-Diff
Entries 690817
BC101
BC102
BC103
BC104
BC105
BC106
channel

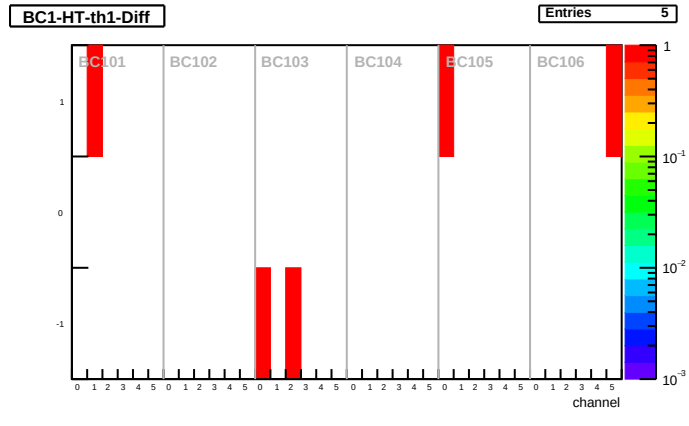

BC1-HT.TP
Entries 719964
BC101
BC102
BC103
BC104
BC105
BC106
channel

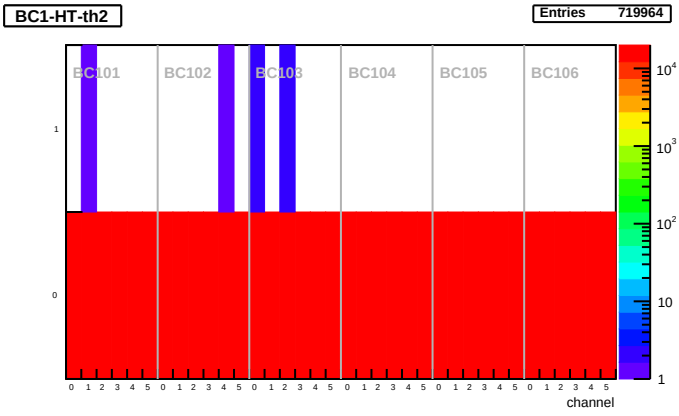

BC1-HT.TP-Diff
Entries 716316
BC101
BC102
BC103
BC104
BC105
BC106
channel

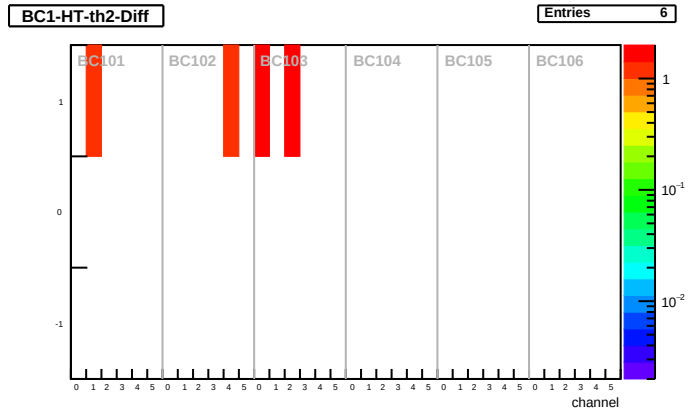

BC1-HT-th0
Entries 719964
BC101
BC102
BC103
BC104
BC105
BC106
channel

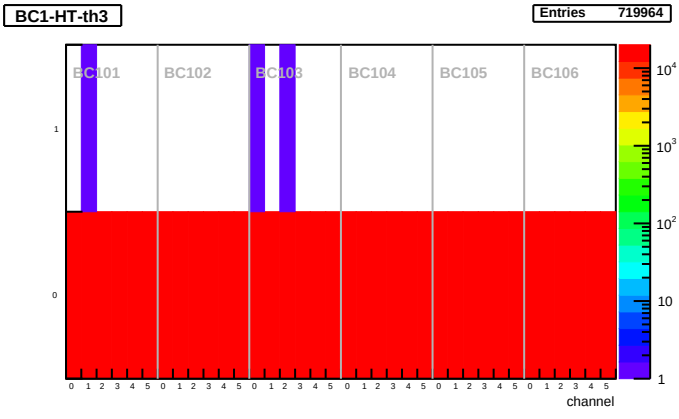

BC1-HT-th0-Diff
Entries 152
BC101
BC102
BC103
BC104
BC105
BC106
channel

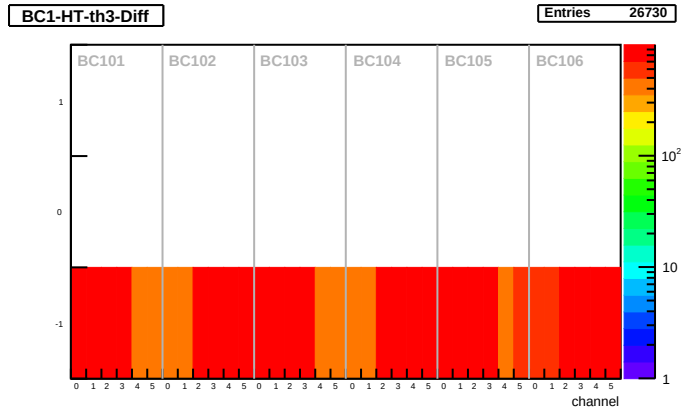

BC1-HT-th1
Entries 719964
BC101
BC102
BC103
BC104
BC105
BC106
channel

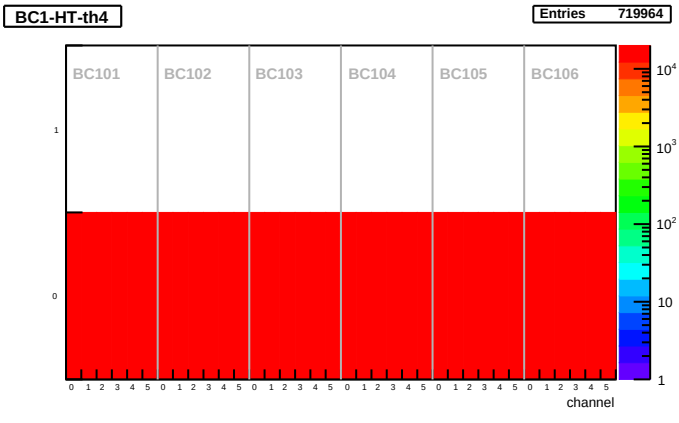

BC1-HT-th1-Diff
Entries 5
BC101
BC102
BC103
BC104
BC105
BC106
channel

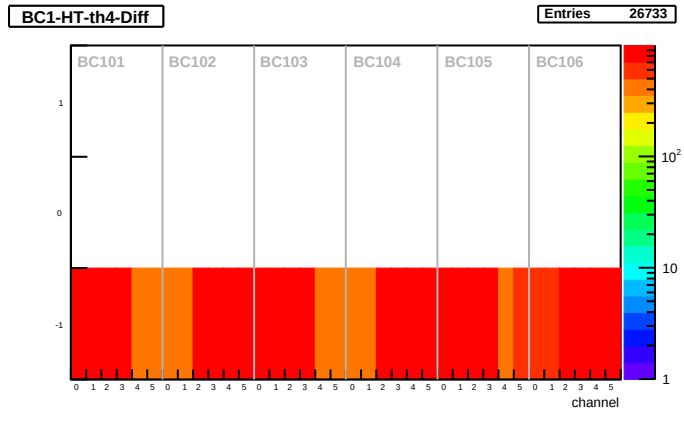

BC1-HT-th2
Entries 719964
BC101
BC102
BC103
BC104
BC105
BC106
channel

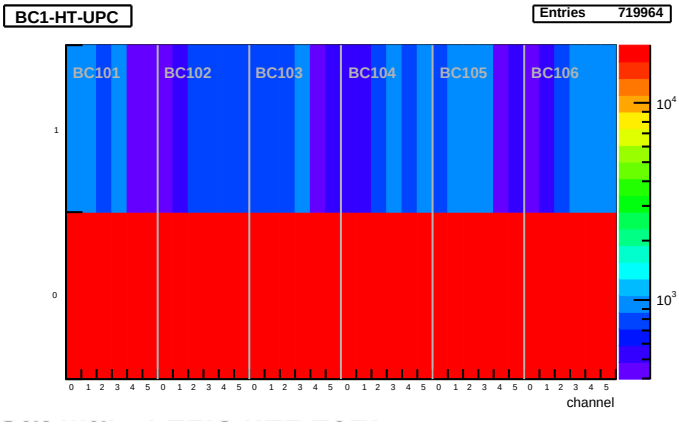

BC1-HT-th2-Diff
Entries 6
BC101
BC102
BC103
BC104
BC105
BC106
channel

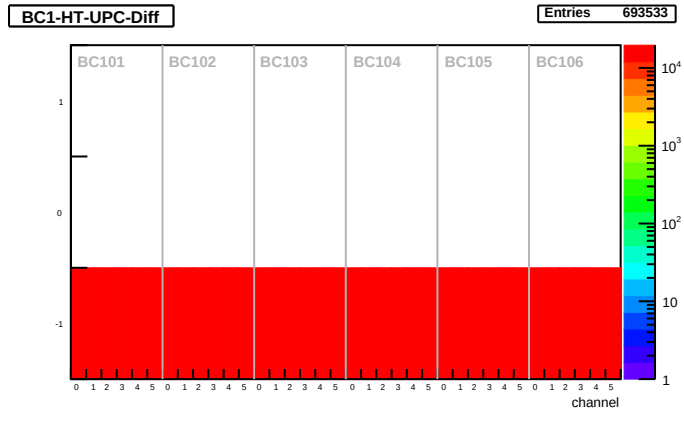

BC1-HT-th3
Entries 719964
BC101
BC102
BC103
BC104
BC105
BC106
channel

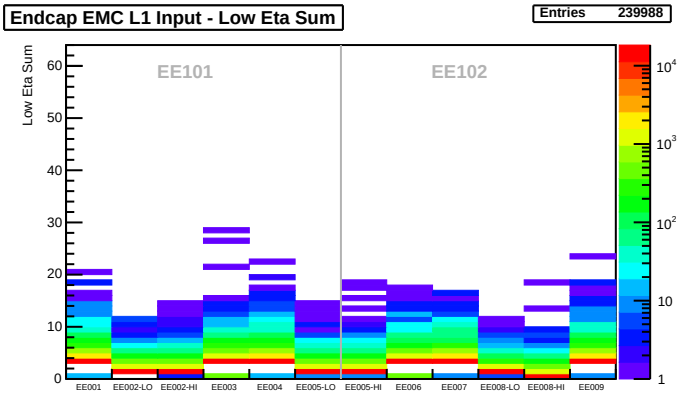

BC1-HT-th3-Diff
Entries 26730
BC101
BC102
BC103
BC104
BC105
BC106
channel

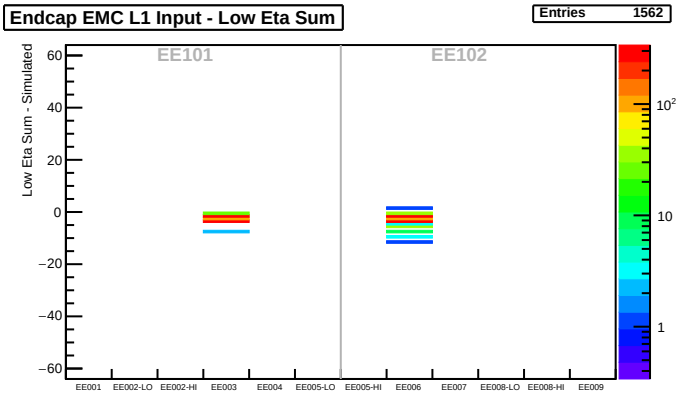

BC1-HT-th4
Entries 719964
BC101
BC102
BC103
BC104
BC105
BC106
channel

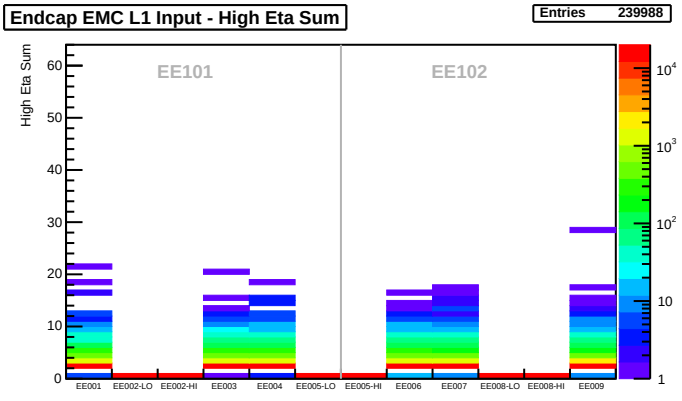

BC1-HT-th4-Diff
Entries 26733
BC101
BC102
BC103
BC104
BC105
BC106
channel

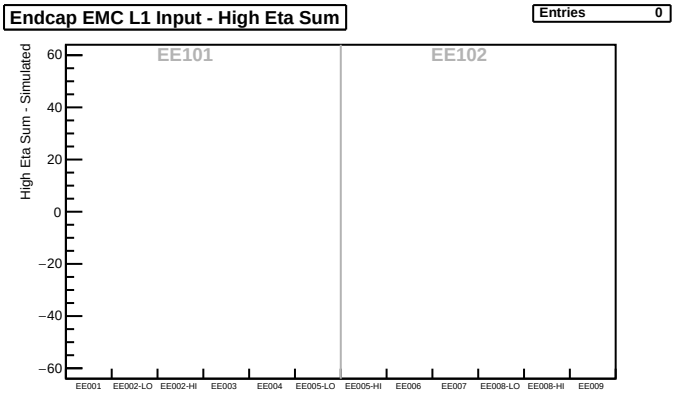

BC1-HT-UPC
Entries 719964
BC101
BC102
BC103
BC104
BC105
BC106
channel

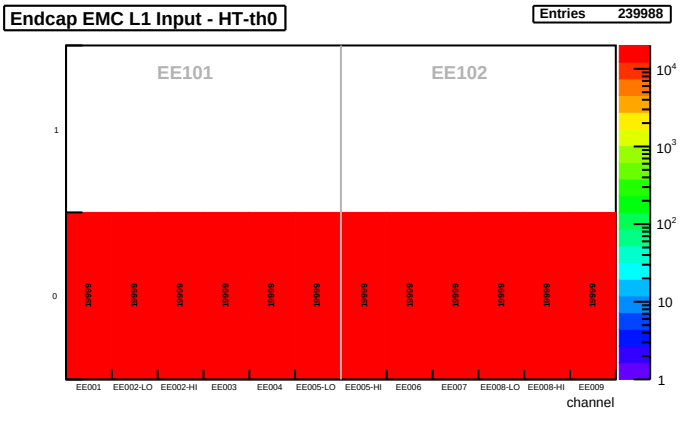

BC1-HT-UPC-Diff
Entries 693533
BC101
BC102
BC103
BC104
BC105
BC106
channel

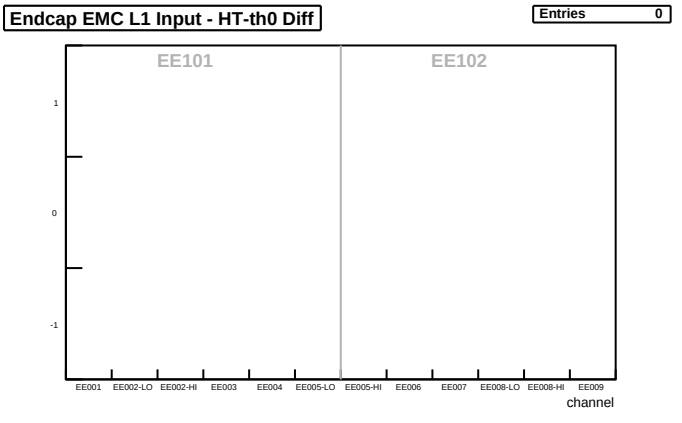

Endcap EMC L1 Input - Low Eta Sum
Entries 239988
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

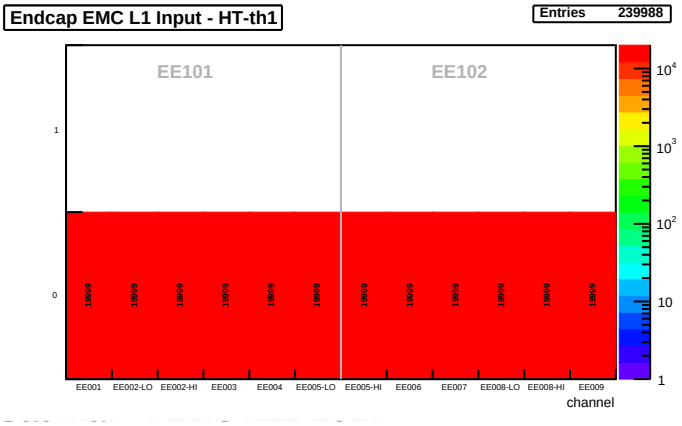

Endcap EMC L1 Input - Low Eta Sum
Entries 1562
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

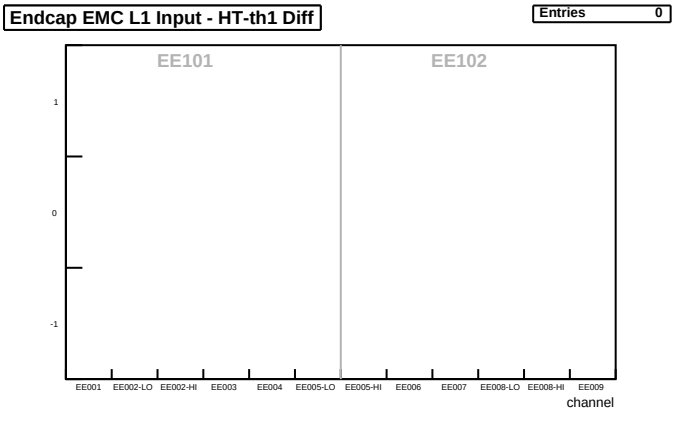

Endcap EMC L1 Input - High Eta Sum
Entries 239988
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

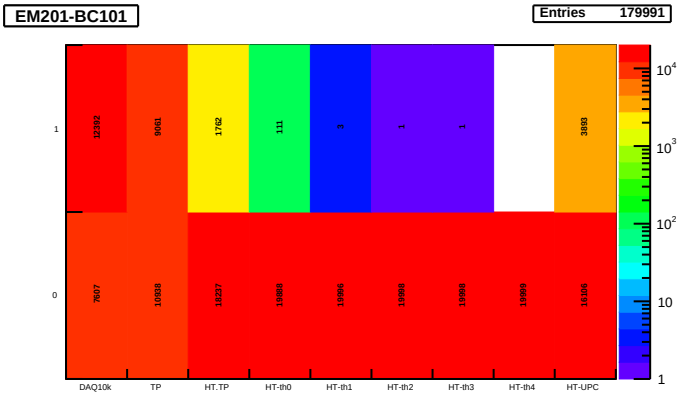

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

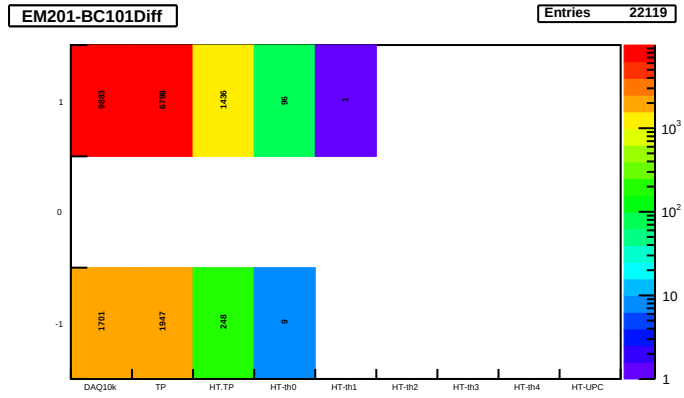

Endcap EMC L1 Input - HT-th0
Entries 239988
EE101
EE102
19999
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

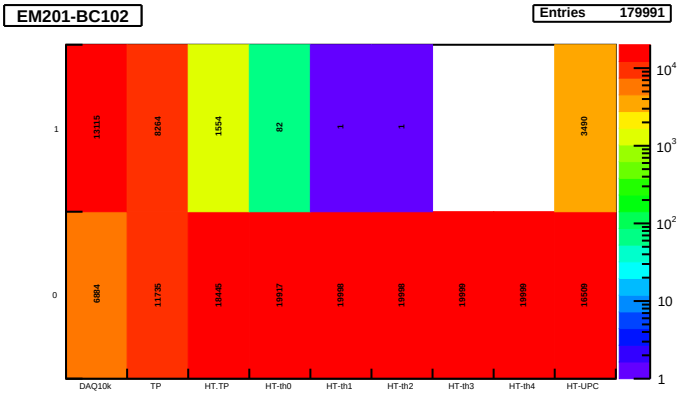

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

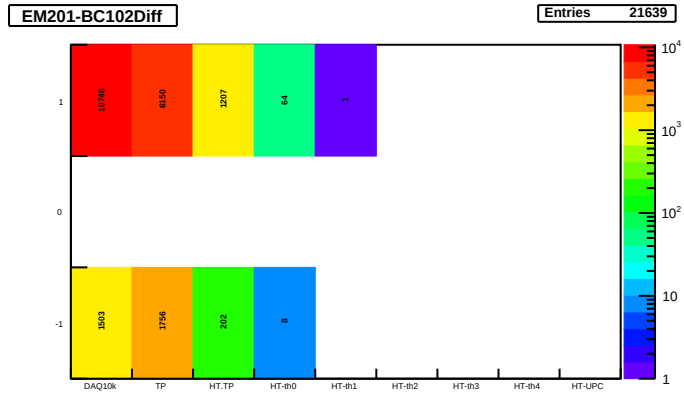

Endcap EMC L1 Input - HT-th1
Entries 239988
EE101
EE102
19999
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

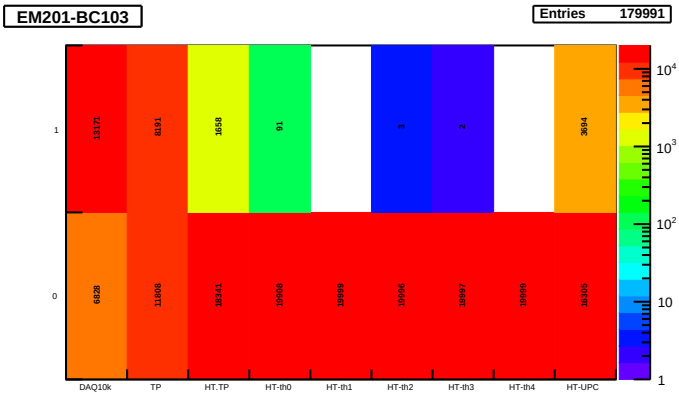

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

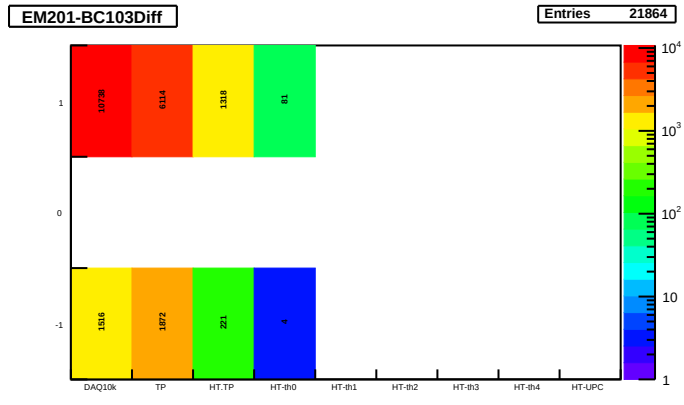

EM201-BC101
Entries 179991
1
0
12392
9061
1762
111
3
1
1
3889
7607
10938
18237
19888
19996
19998
19998
19999
16106
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

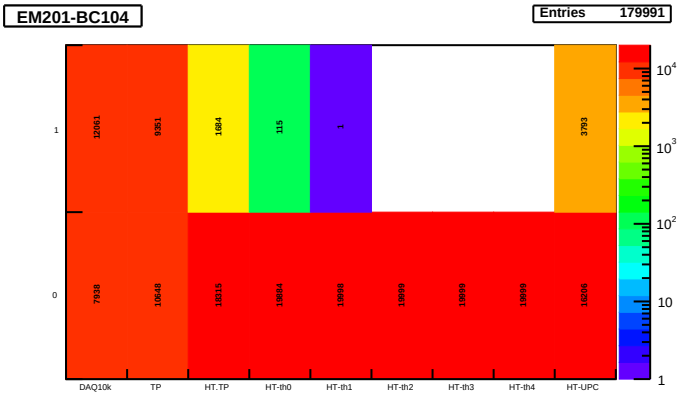

EM201-BC101Diff
Entries 22119
1
0
-1
9883
6738
1436
96
1
1701
1947
248
9
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

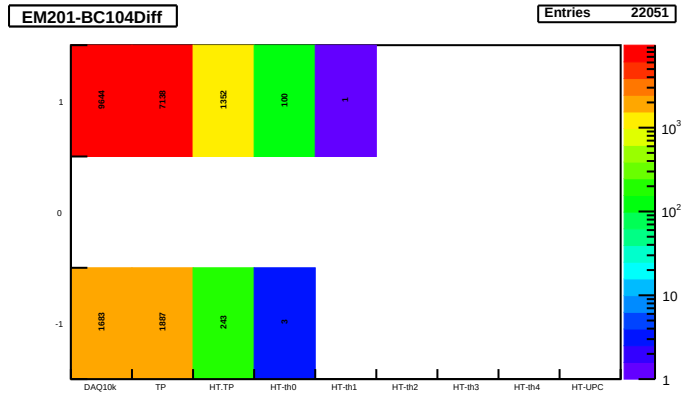

EM201-BC102
Entries 179991
1
0
13115
8264
1554
82
1
1
3490
6884
11735
18445
19917
19998
19998
19999
19999
16509
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC102Diff
Entries 21639
1
0
-1
10748
6150
1207
64
1
1503
1756
202
8
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

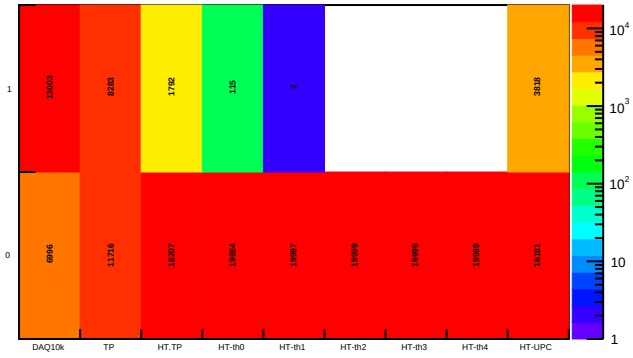

EM201-BC103
Entries 179991
1
0
13171
8191
1658
91
3
2
3694
6828
11808
18341
19908
19999
19996
19997
19999
16305
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC103Diff
Entries 21864
1
0
-1
10738
6114
1318
81
1516
1872
221
4
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

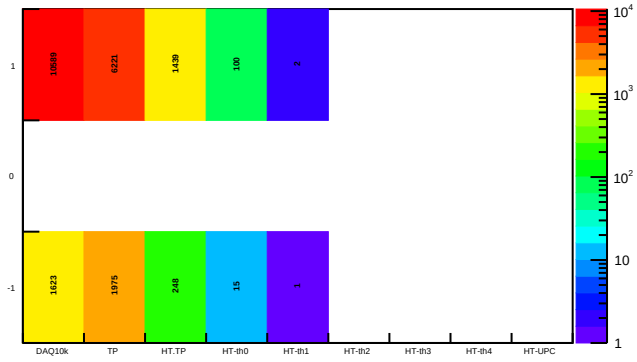

EM201-BC104
Entries 179991
1
0
12061
6351
1484
115
1
3793
7938
10648
18315
18894
19998
19999
19999
19999
16206
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC104Diff
Entries 22051
1
0
-1
9644
7138
1352
100
1
1683
1887
243
3
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^3
10^2
10
1

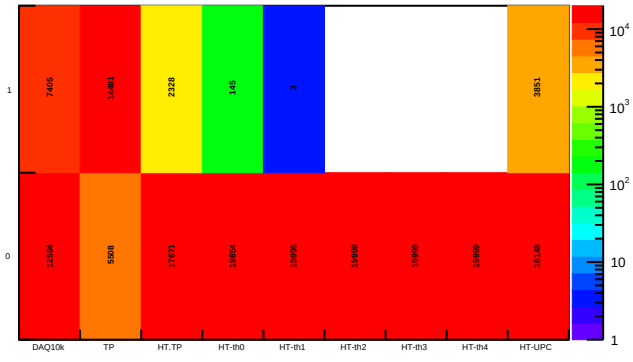
EM201-BC105 Entries 179991



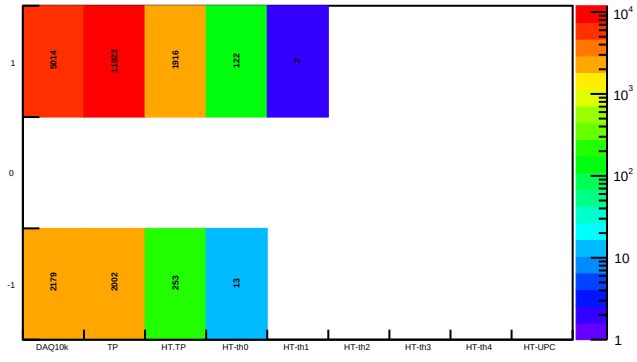
EM201-BC105Diff Entries 22213



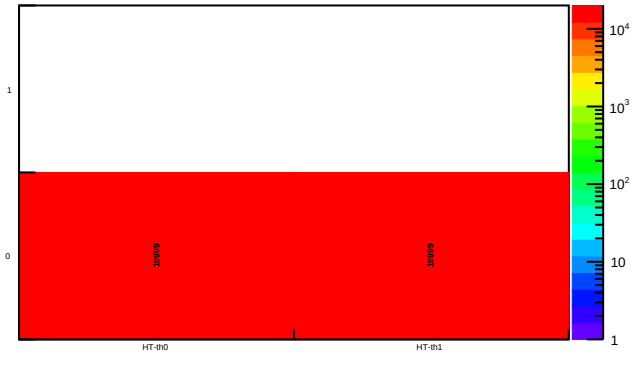
EM201-BC106 Entries 179991



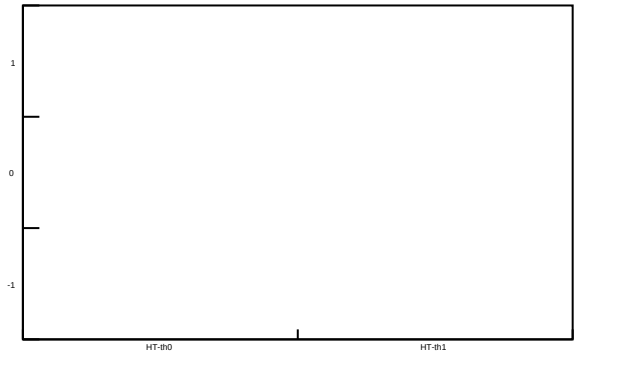
EM201-BC106Diff Entries 23424



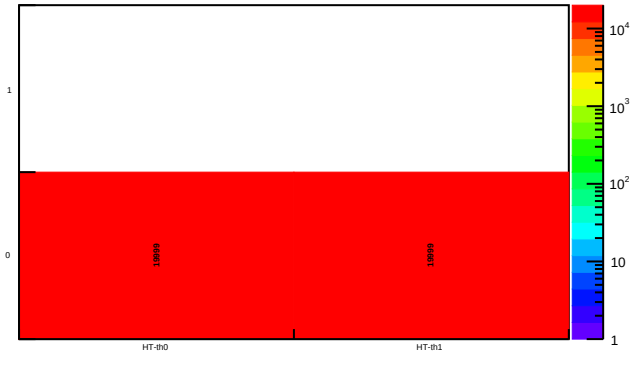
EM201-EE101 Entries 39998



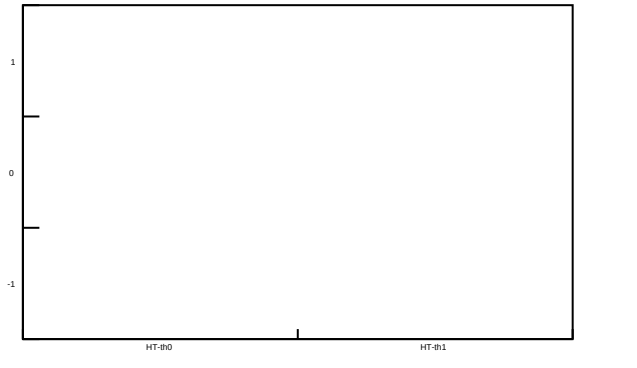
EM201-EE101Diff Entries 0

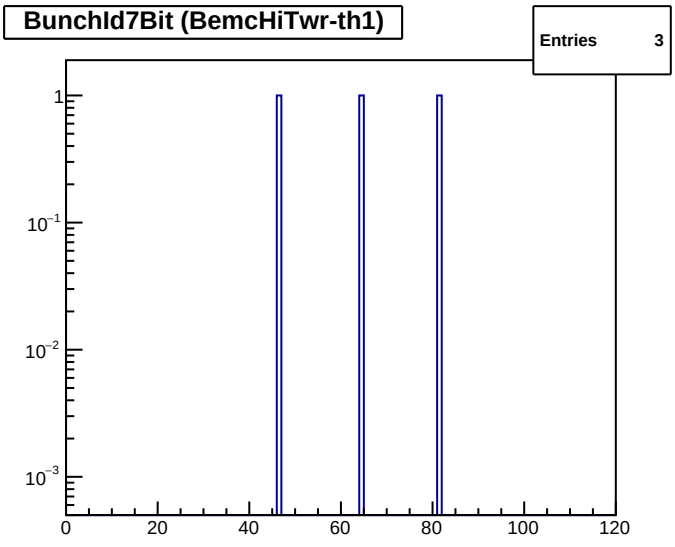


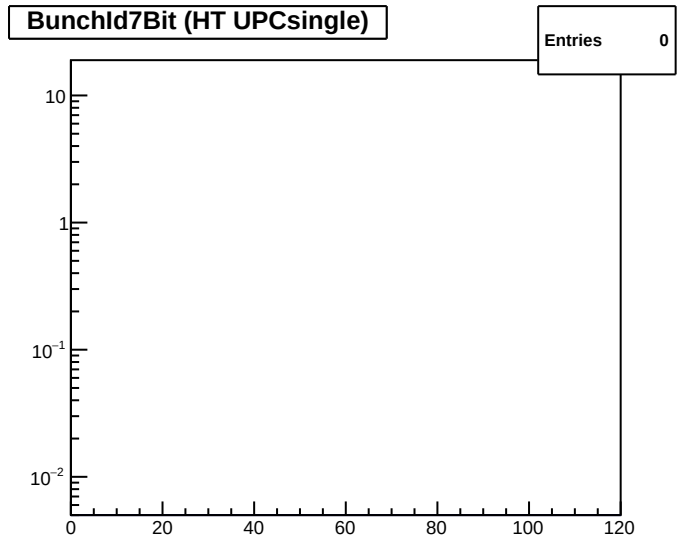
EM201-EE102 Entries 39998

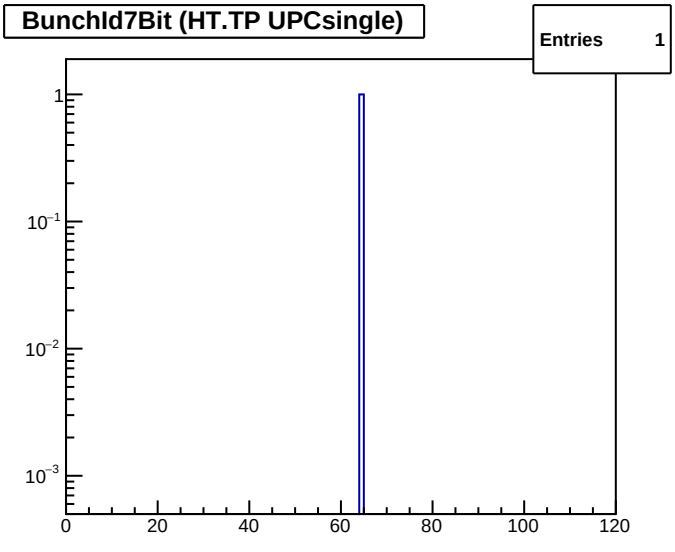


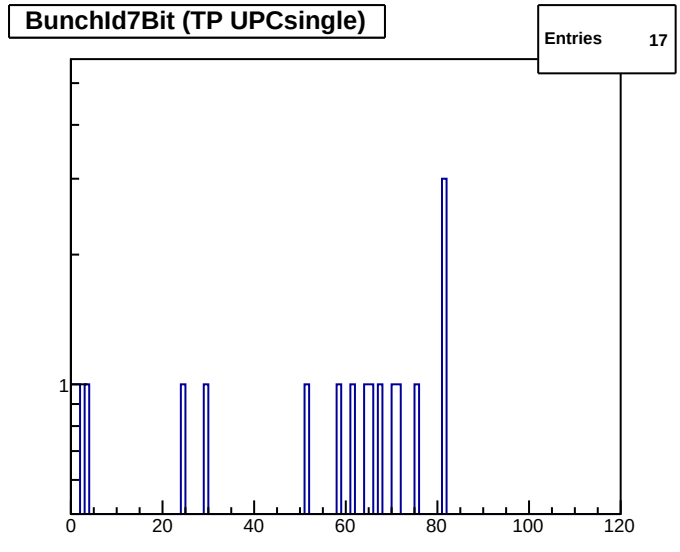
EM201-EE102Diff Entries 0

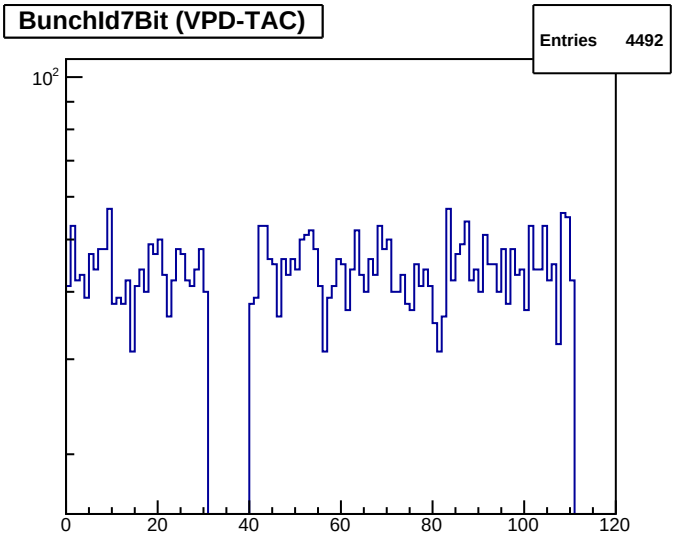


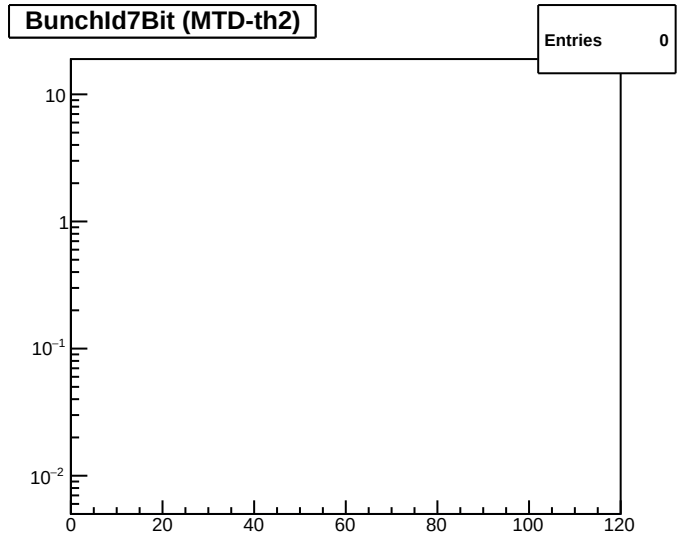

BunchId7Bit (BemcHiTwr-th1)
Entries 3
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

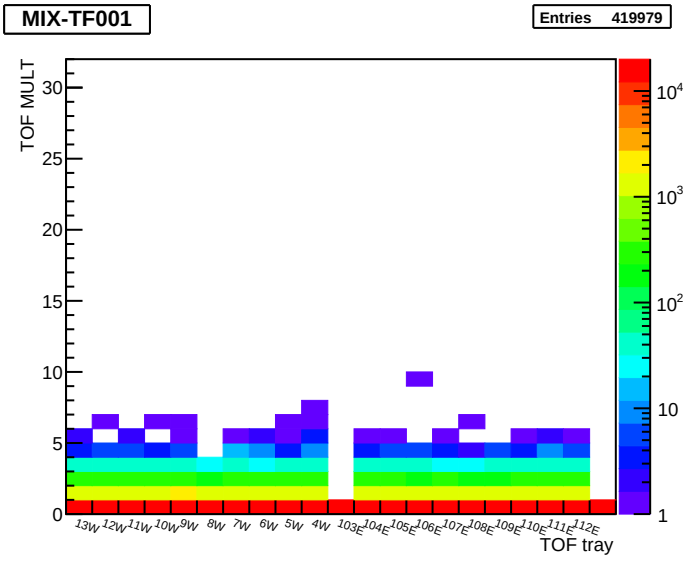

BunchId7Bit (HT UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

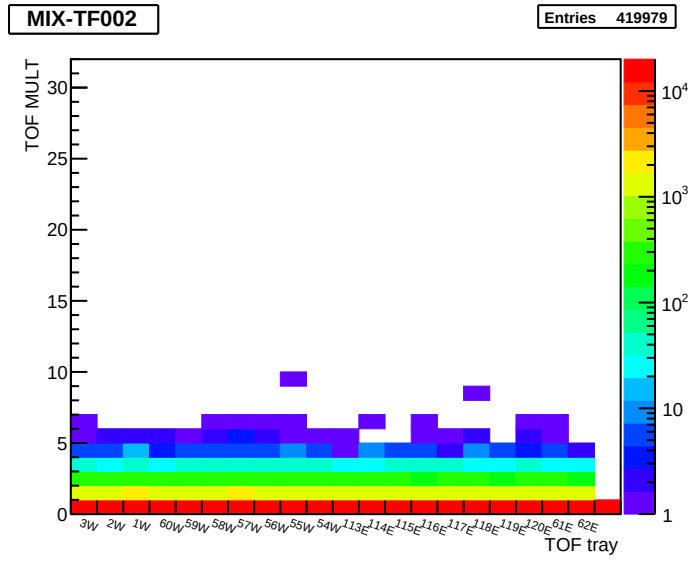

BunchId7Bit (HT.TP UPCsingle)
Entries 1
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

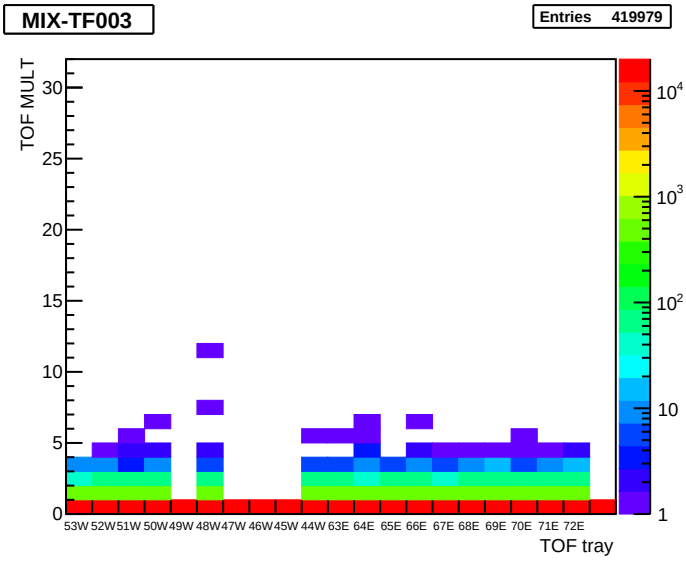

BunchId7Bit (TP UPCsingle)
Entries 17
1
0 20 40 60 80 100 120

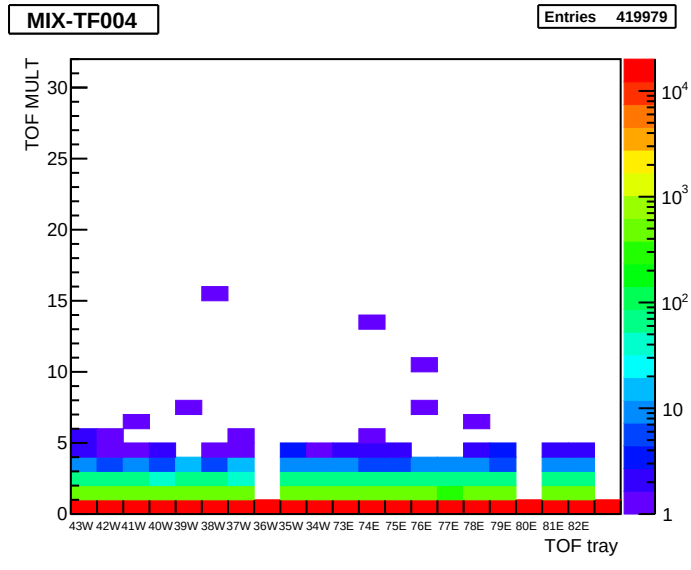

BunchId7Bit (VPD-TAC)
Entries 4492
10^{2}
0 20 40 60 80 100 120

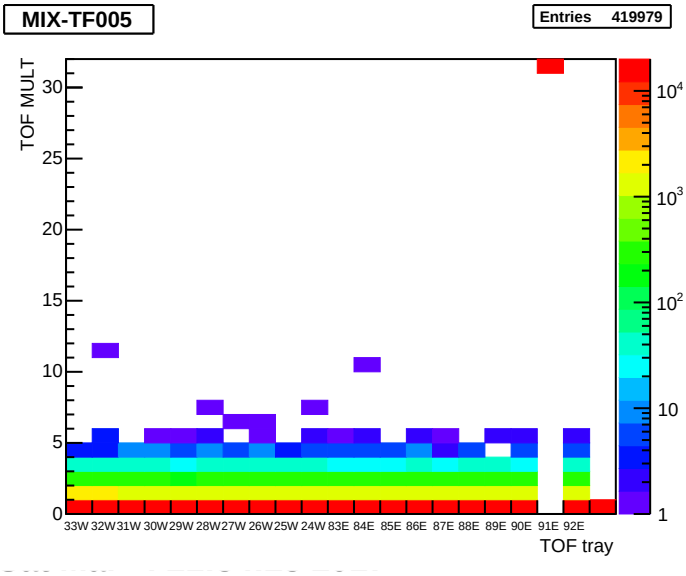

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

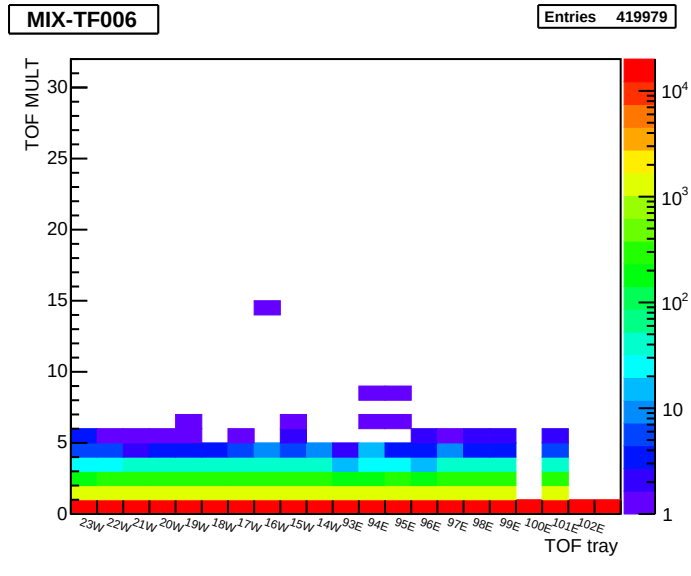

MIX-TF001
Entries 419979
TOF MULT
TOF tray

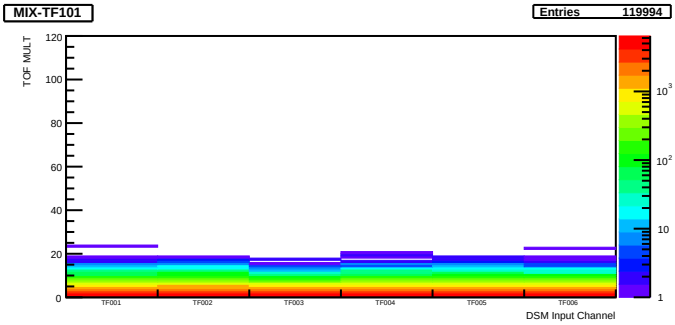

MIX-TF002
Entries 419979
TOF MULT
TOF tray

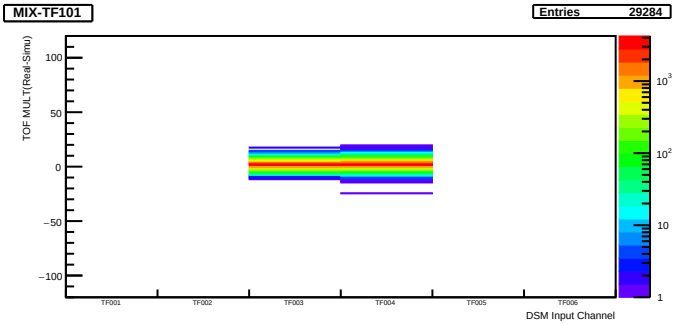

MIX-TF003
Entries 419979
TOF MULT
TOF tray

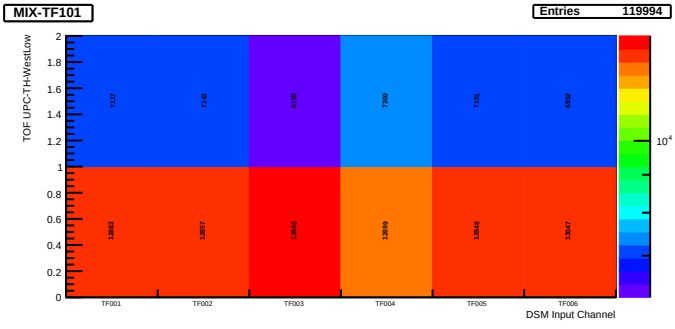

MIX-TF004
Entries 419979
TOF MULT
TOF tray

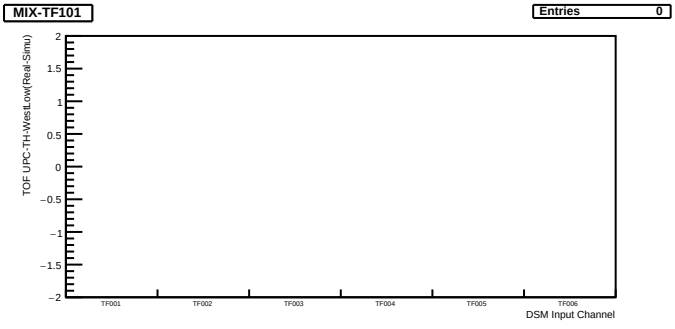

MIX-TF005
Entries 419979
TOF MULT
TOF tray

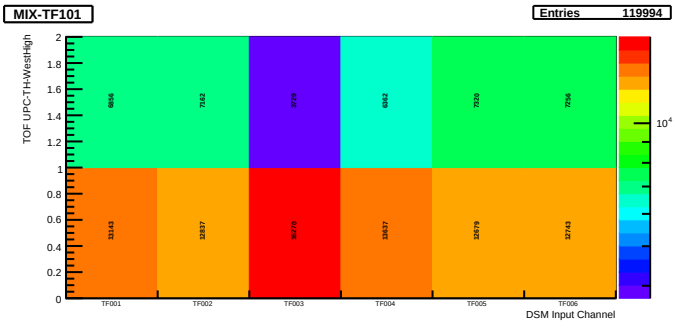

MIX-TF006
Entries 419979
TOF MULT
TOF tray

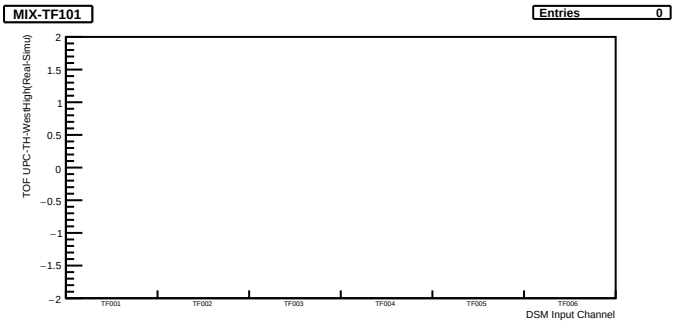

MIX-TF101
Entries 119994
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

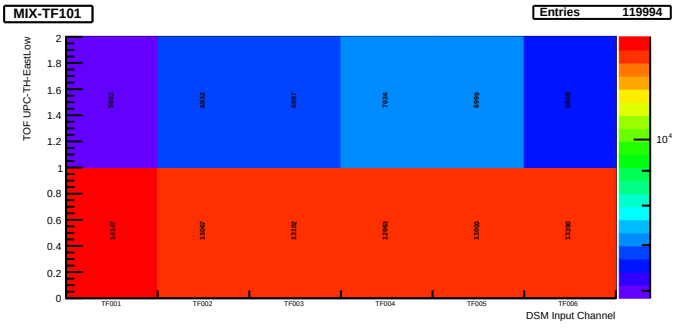

MIX-TF101
Entries 29284
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

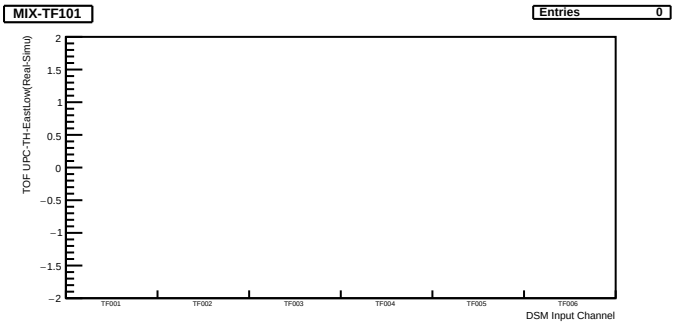

MIX-TF101
Entries 119994
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

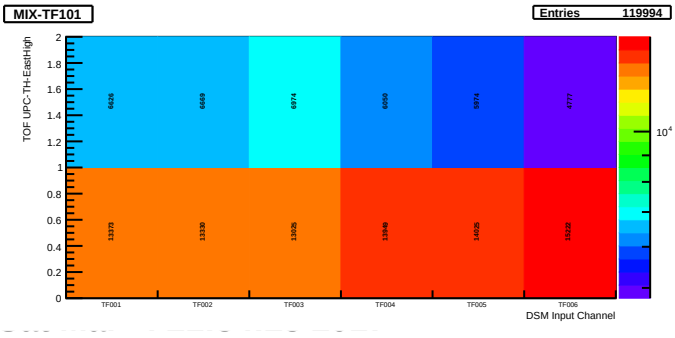

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

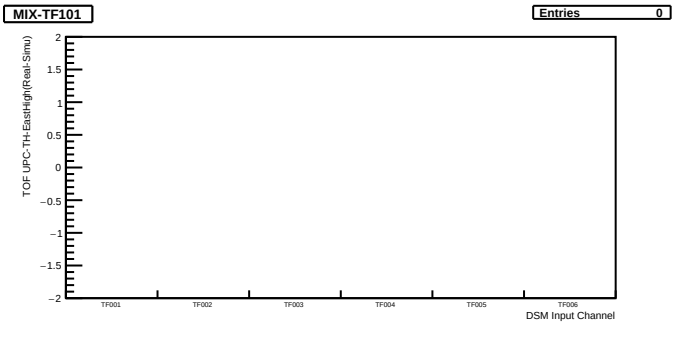

MIX-TF101
Entries 119994
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

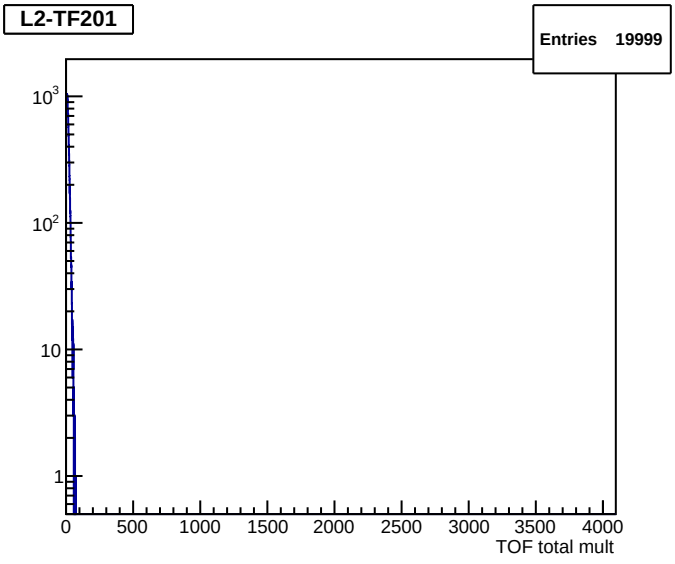

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

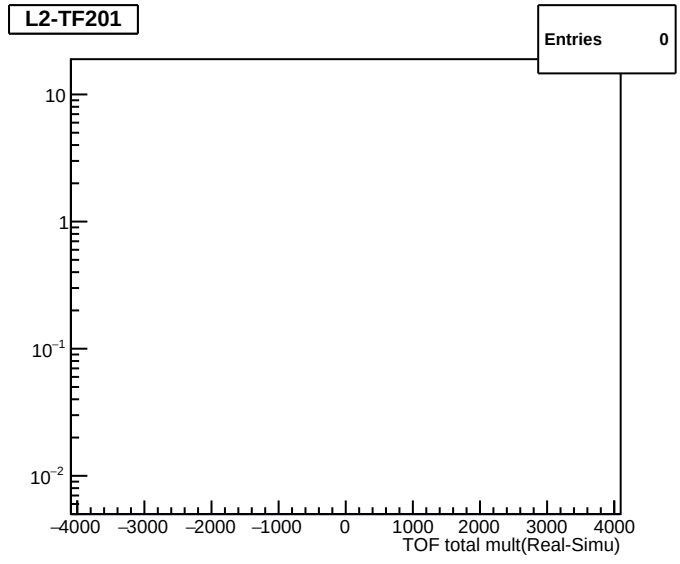

MIX-TF101
Entries 119994
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

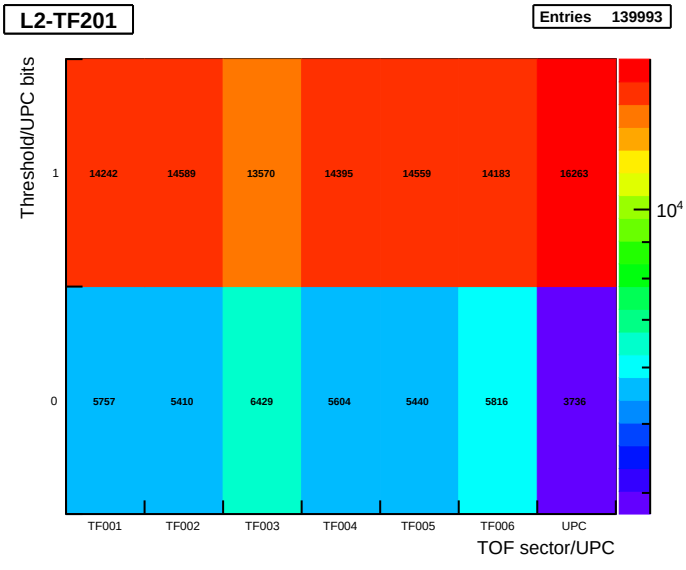

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

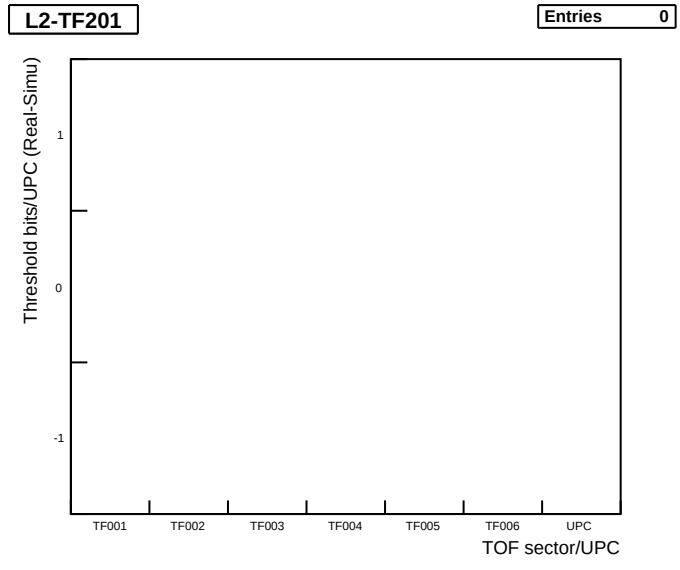

MIX-TF101
Entries 119994
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

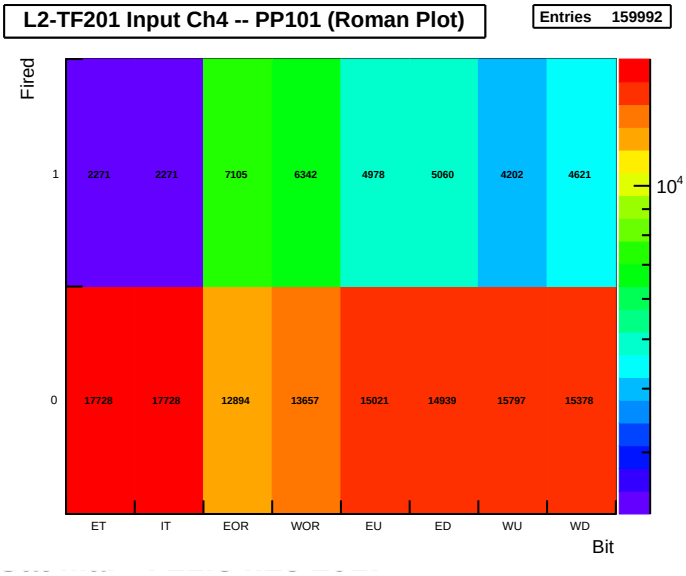

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

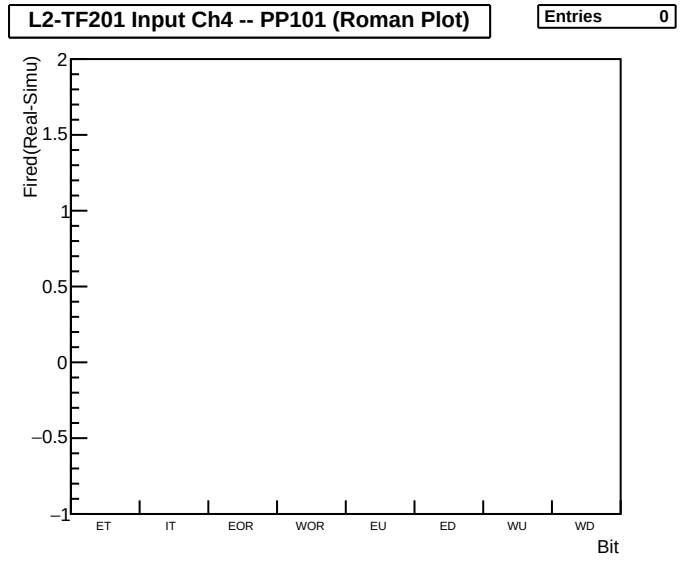

L2-TF201
Entries 19999
TOF total mult

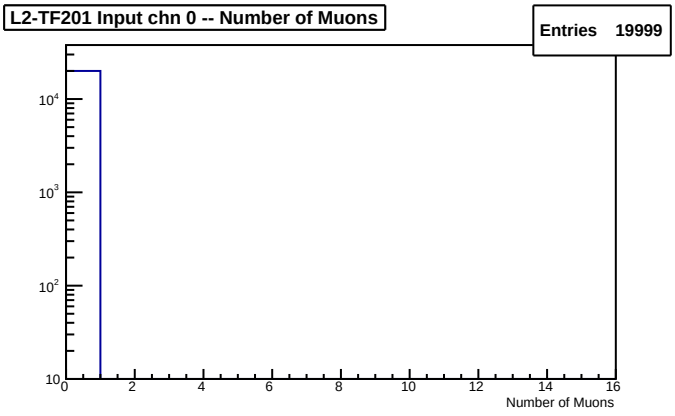

L2-TF201
Entries 0
TOF total mult(Real-Simu)

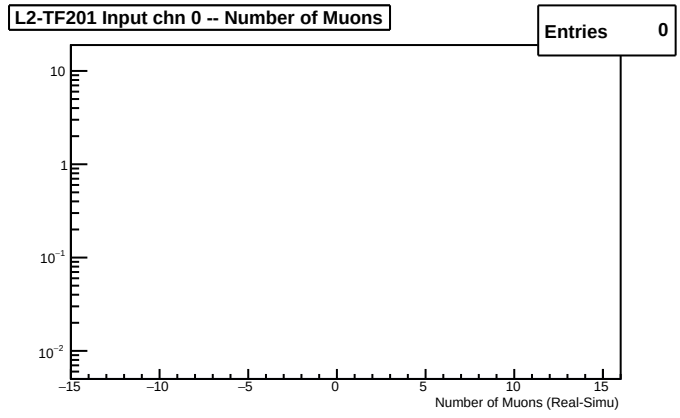

L2-TF201
Entries 139993
Threshold/UPC bits
14242 14589 13570 14395 14559 14183 16263
5757 5410 6429 5604 5440 5816 3736
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

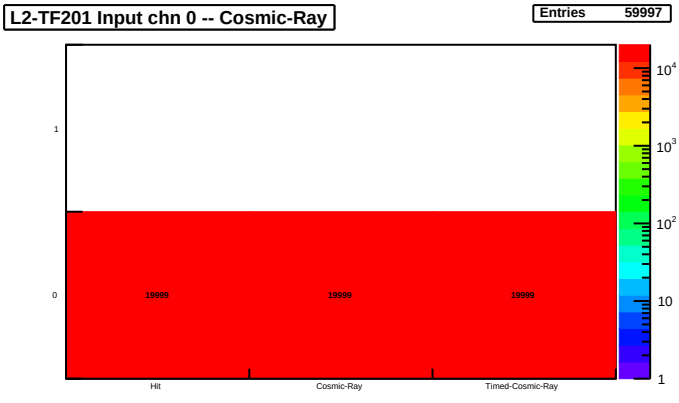

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

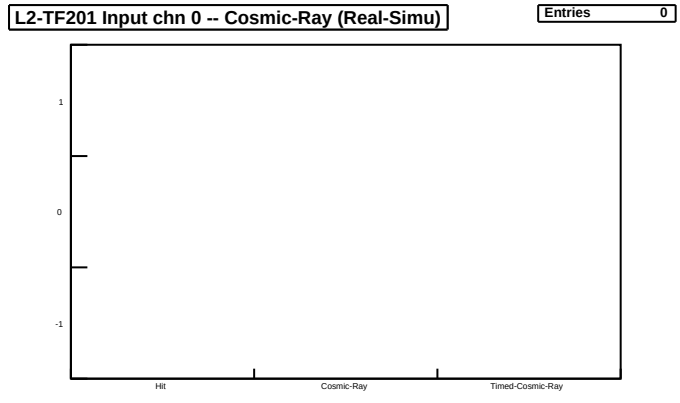

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 159992
Fired
2271 2271 7105 6342 4978 5060 4202 4621
17728 17728 12894 13657 15021 14939 15797 15378
ET IT EOR WOR EU ED WU WD
Bit

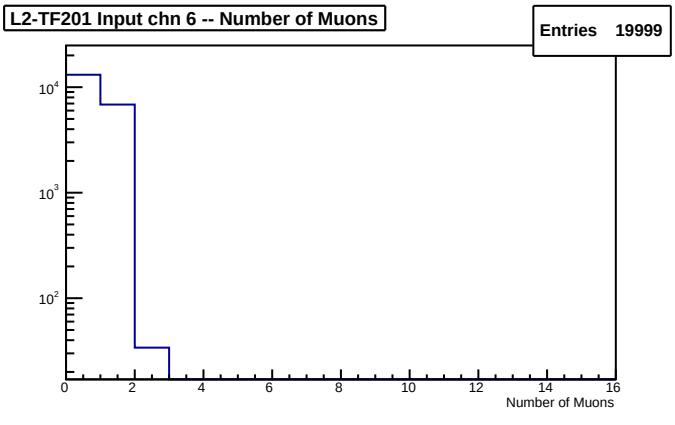

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

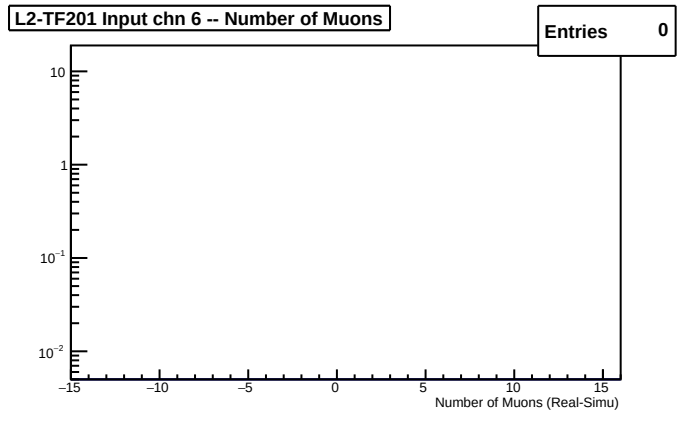

L2-TF201 Input chn 0 -- Number of Muons
Entries 19999
Number of Muons

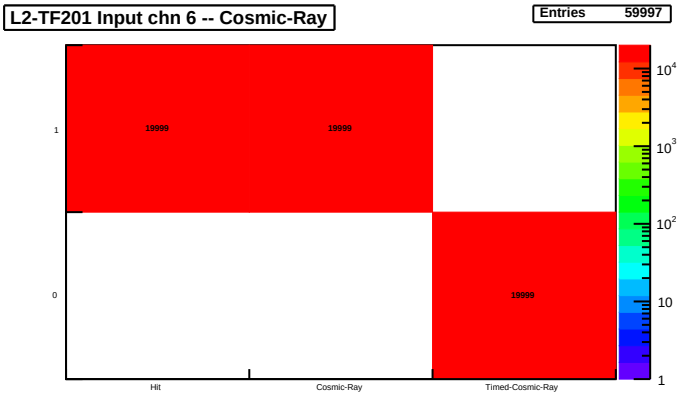

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

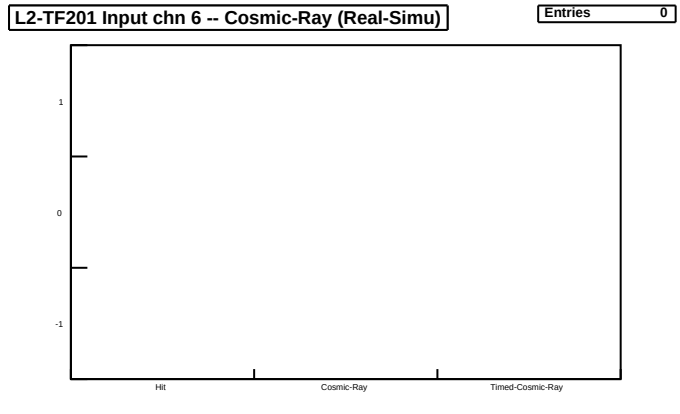

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 59997
19999
19999
19999
Hit
Cosmic-Ray
Timed-Cosmic-Ray

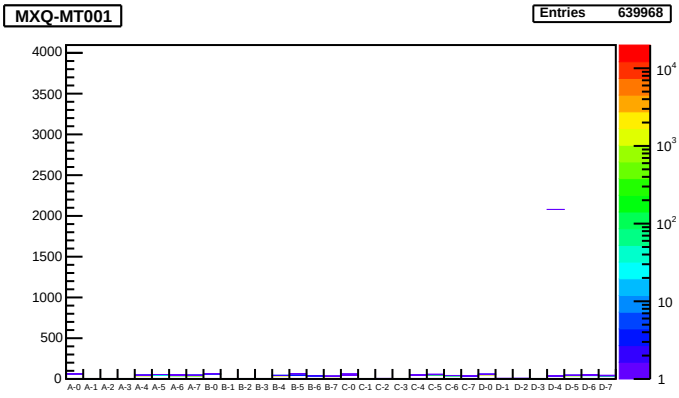

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

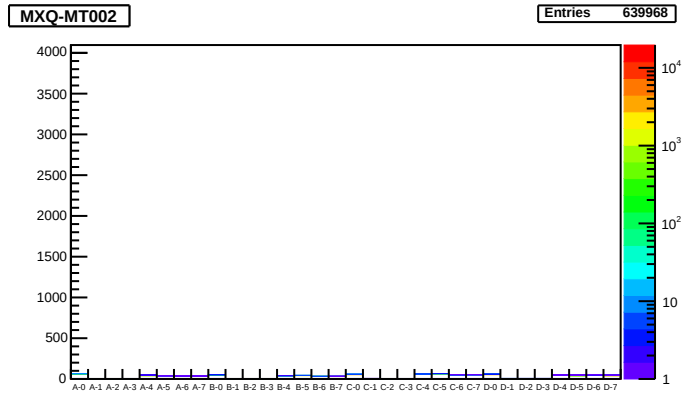

L2-TF201 Input chn 6 -- Number of Muons
Entries 19999
Number of Muons

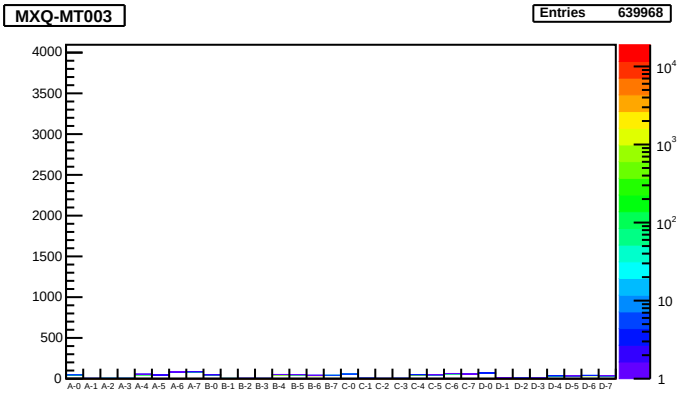

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

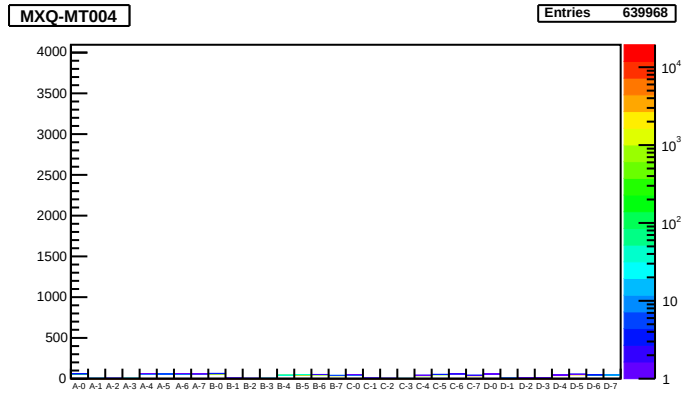

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 59997
19999
19999
19999
Hit
Cosmic-Ray
Timed-Cosmic-Ray

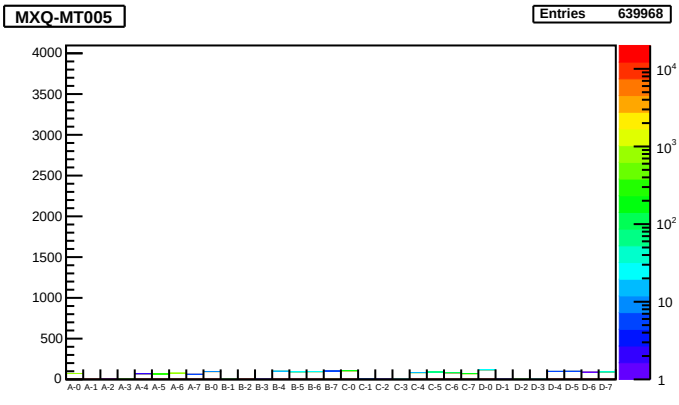

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

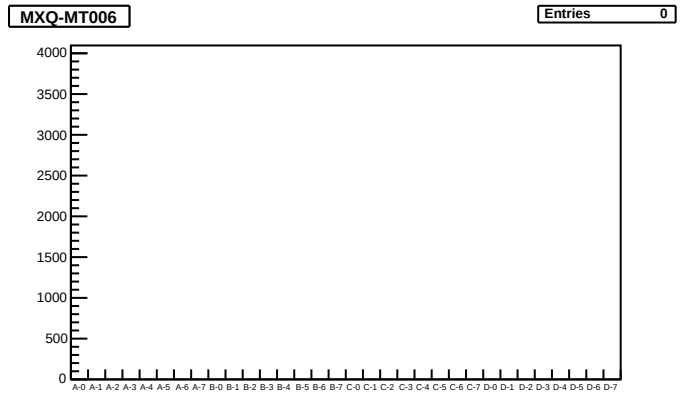

MXQ-MT001
Entries 639968

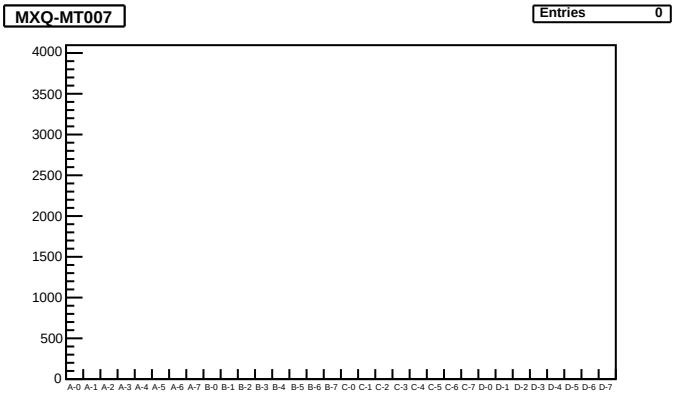

MXQ-MT002
Entries 639968

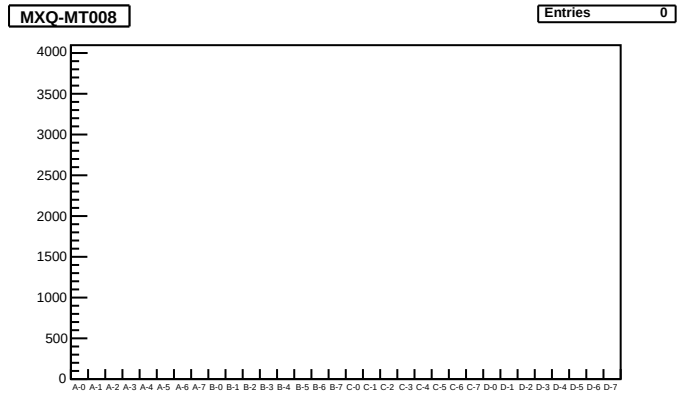

MXQ-MT003
Entries 639968

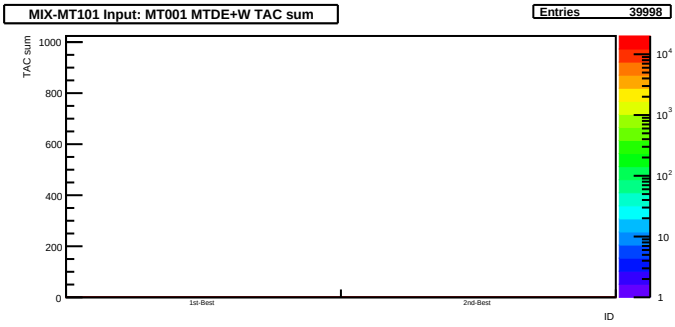

MXQ-MT004
Entries 639968

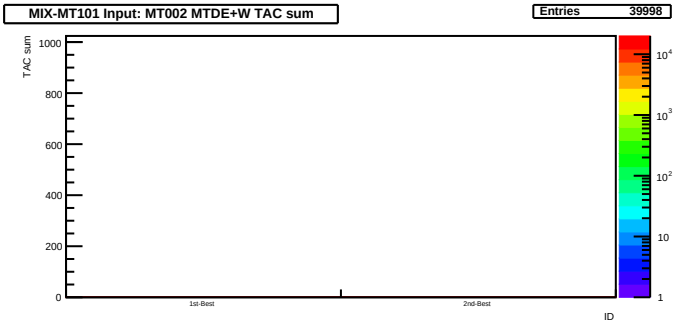

MXQ-MT005
Entries 639968

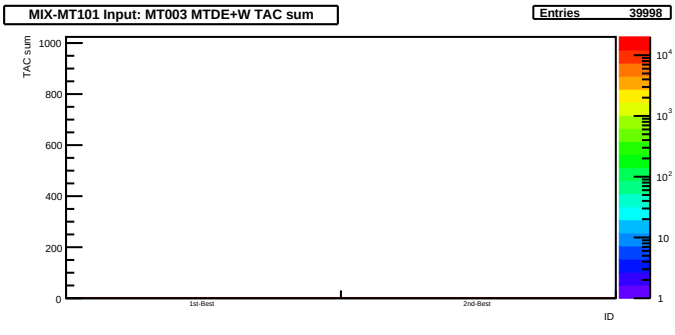

MXQ-MT006
Entries 0

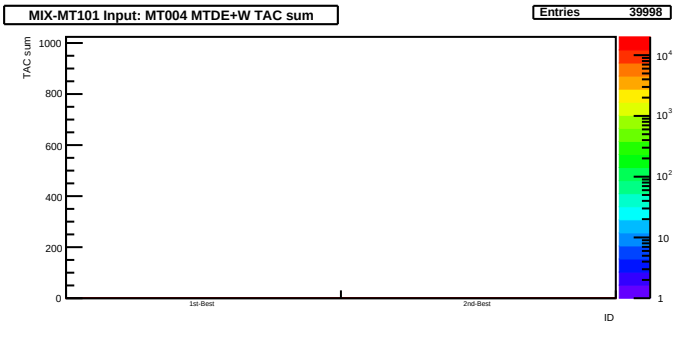

MXQ-MT007
Entries 0

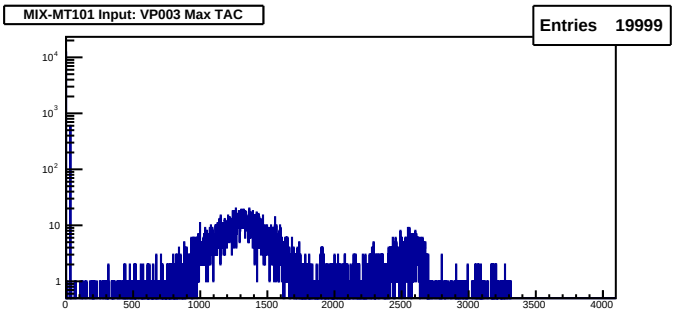

MXQ-MT008
Entries 0

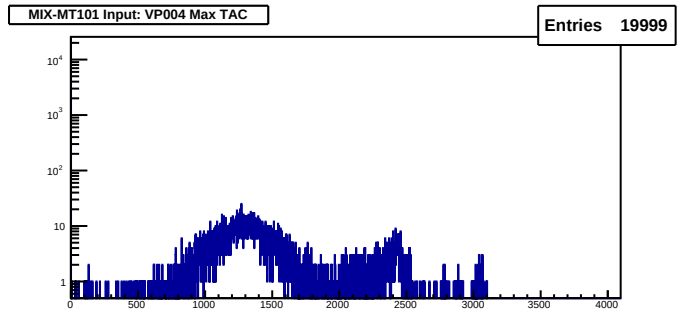

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 39998
TAC sum
1st-Best
2nd-Best
ID

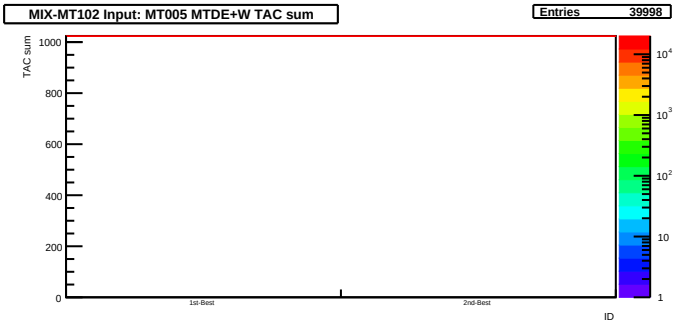

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 39998
TAC sum
1st-Best
2nd-Best
ID

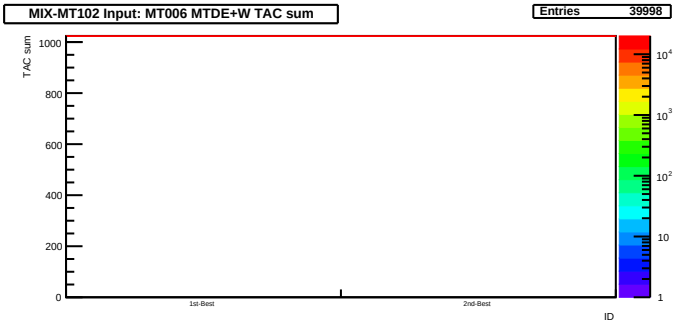

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 39998
TAC sum
1st-Best
2nd-Best
ID

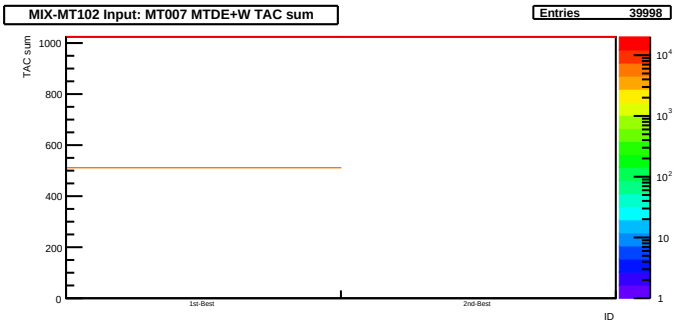

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 39998
TAC sum
1st-Best
2nd-Best
ID

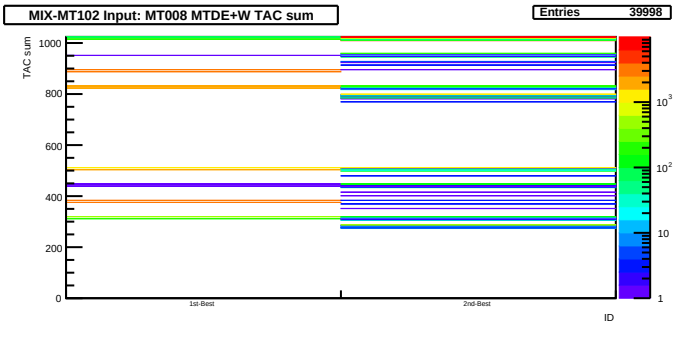

MIX-MT101 Input: VP003 Max TAC
Entries 19999

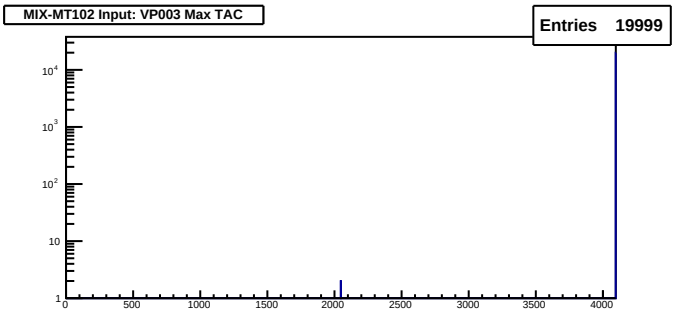

MIX-MT101 Input: VP004 Max TAC
Entries 19999

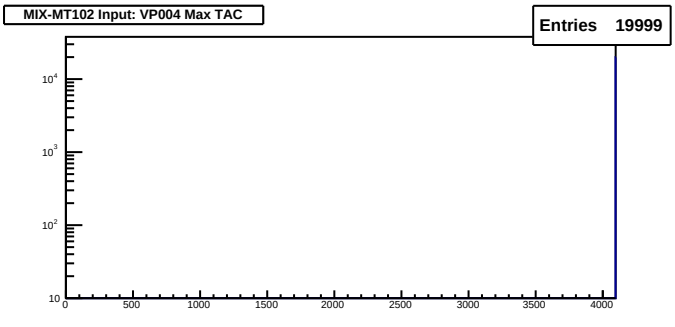

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 39998
TAC sum
1st-Best
2nd-Best
ID

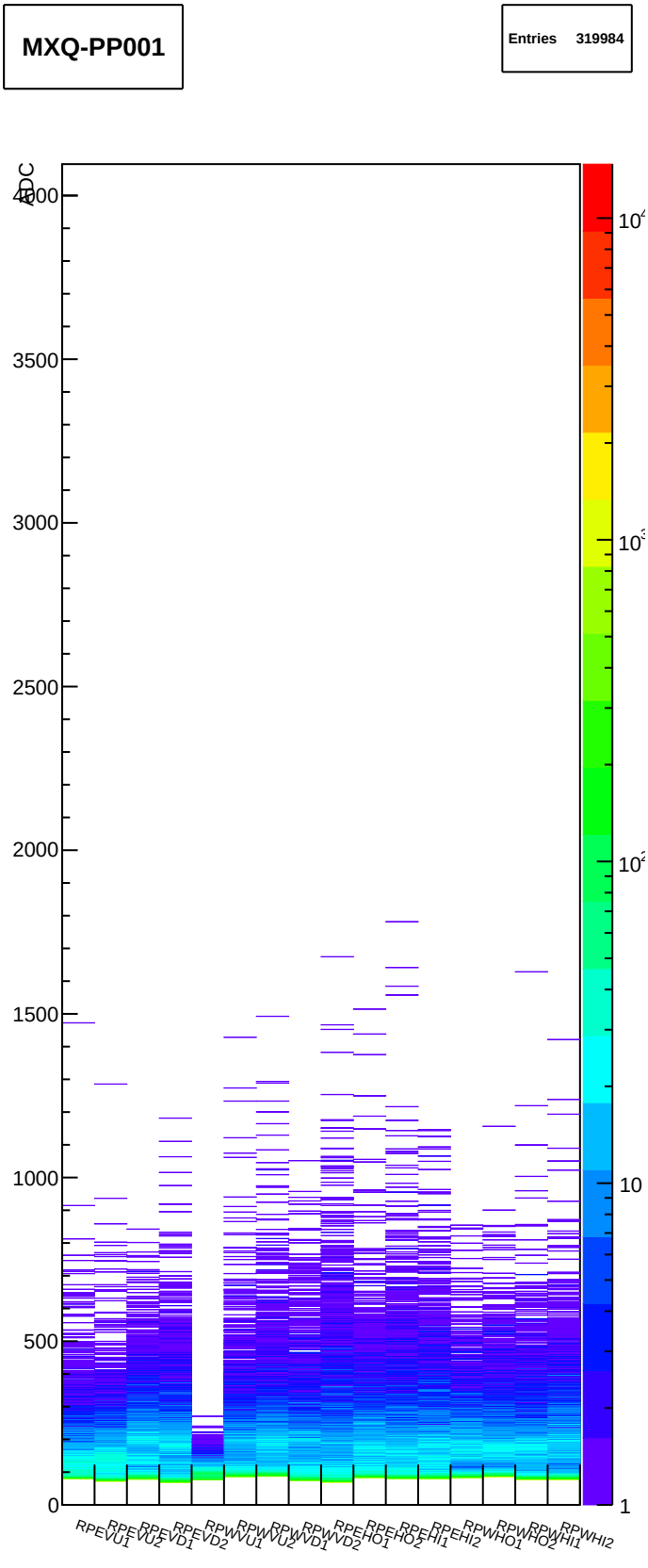

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 39998
TAC sum
1st-Best
2nd-Best
ID

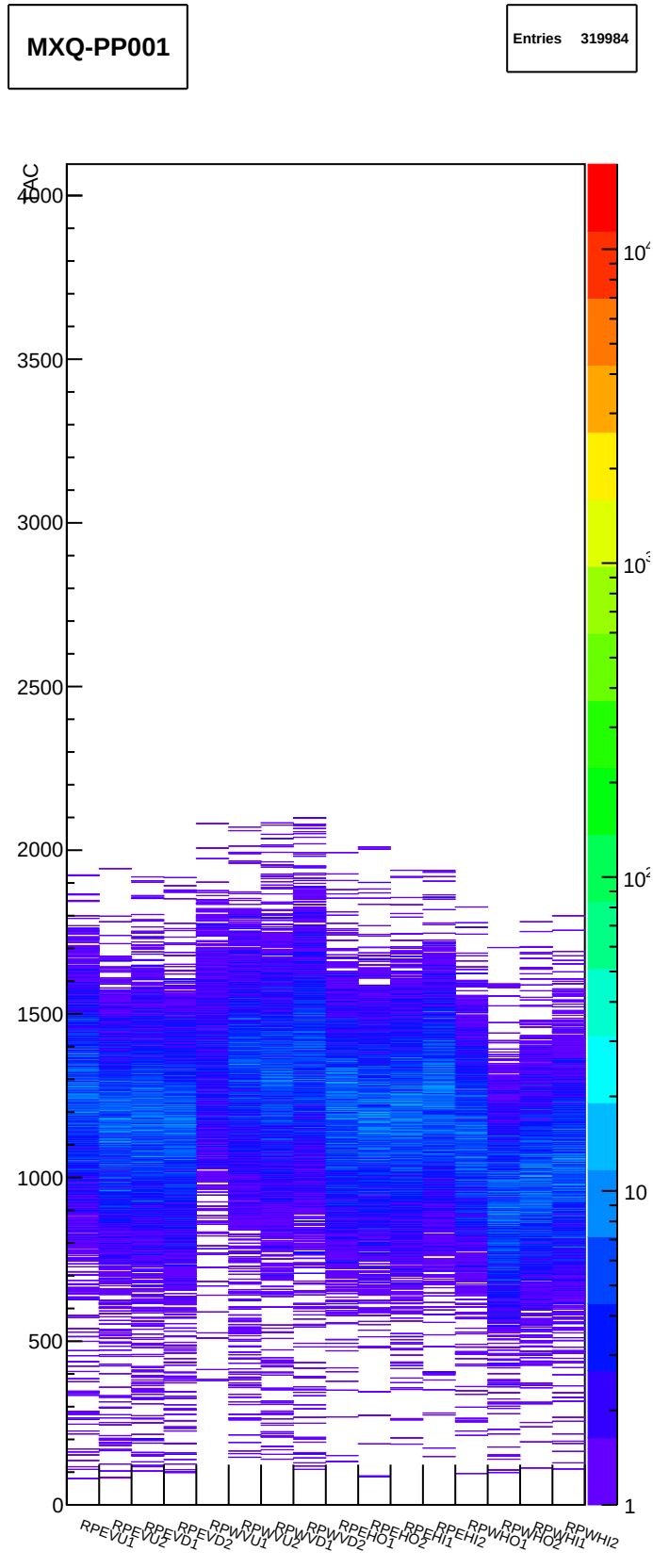

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 39998
TAC sum
1st-Best
2nd-Best
ID

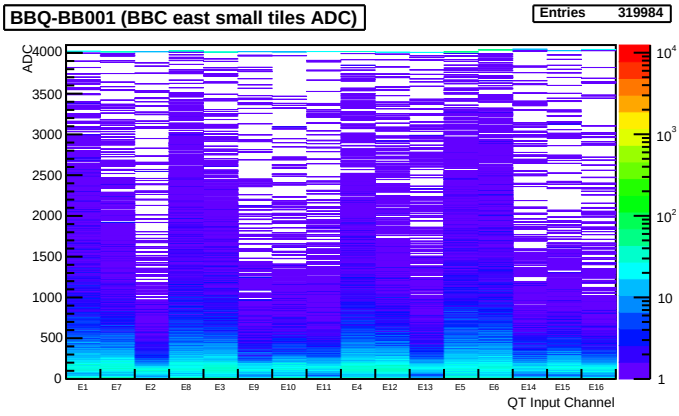

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 39998
TAC sum
1st-Best
2nd-Best
ID

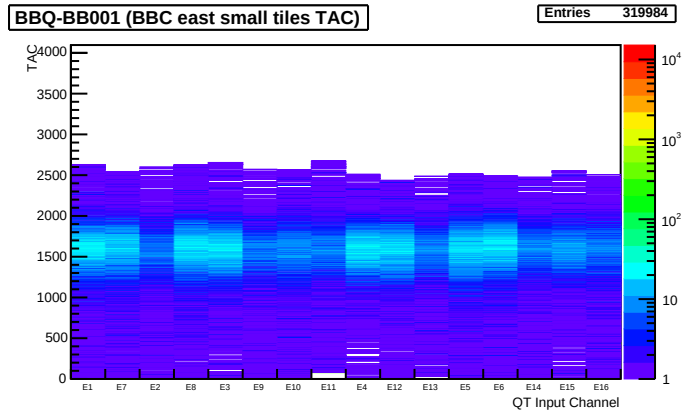

MIX-MT102 Input: VP003 Max TAC
Entries 19999

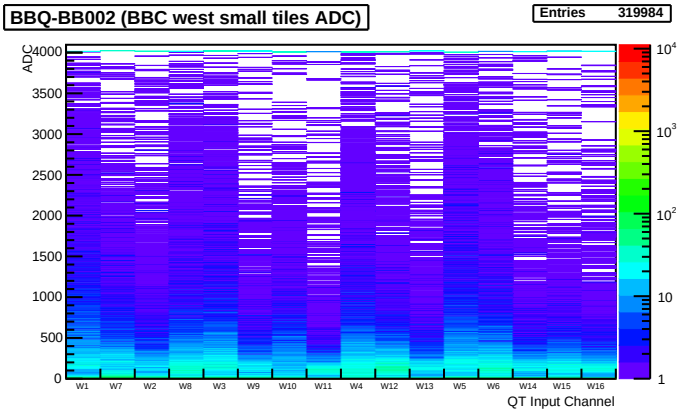

MIX-MT102 Input: VP004 Max TAC
Entries 19999

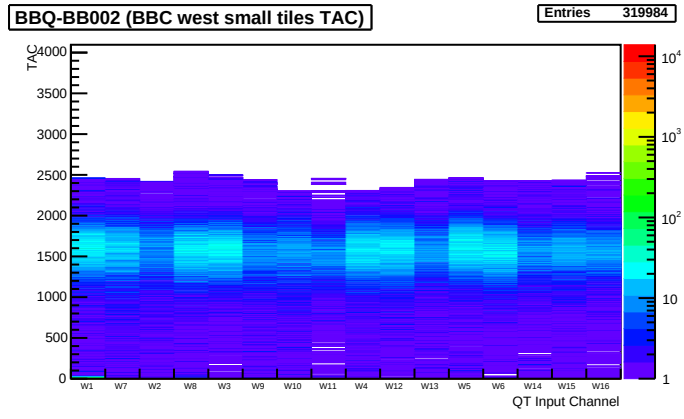

MXQ-PP001
Entries 319984
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

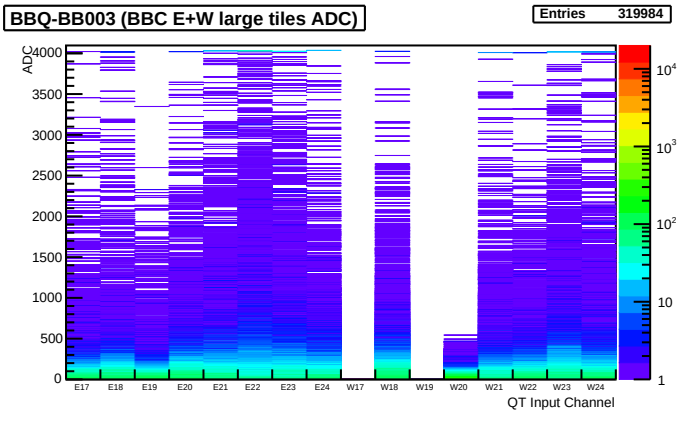

MXQ-PP001
Entries 319984
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

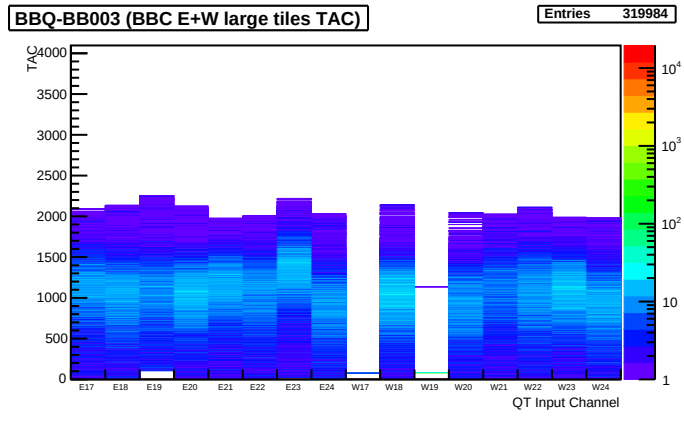

BBQ-BB001 (BBC east small tiles ADC)
Entries 319984
ADC
QT Input Channel

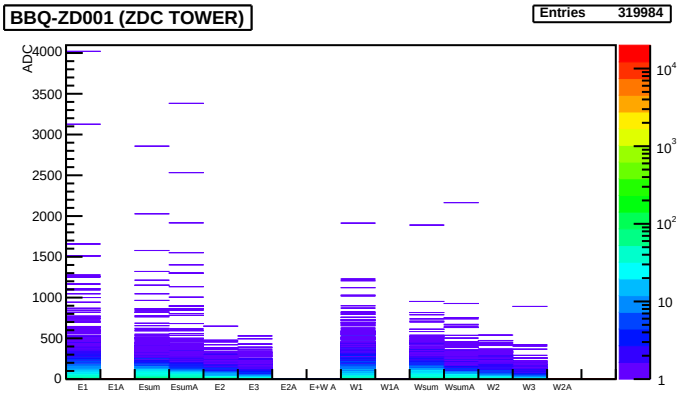

BBQ-BB001 (BBC east small tiles TAC)
Entries 319984
TAC
QT Input Channel

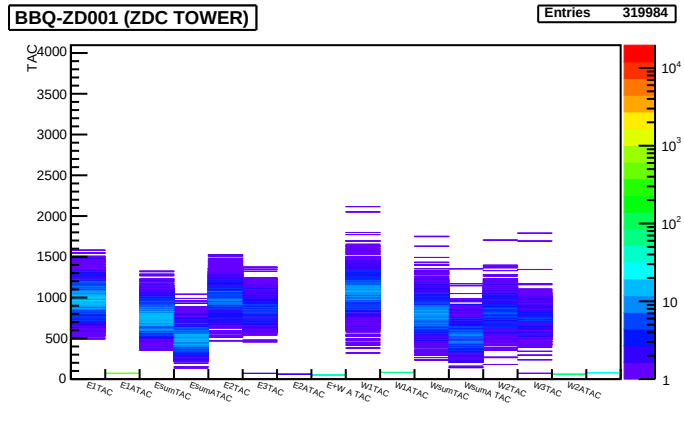

BBQ-BB002 (BBC west small tiles ADC)
Entries 319984
ADC
QT Input Channel

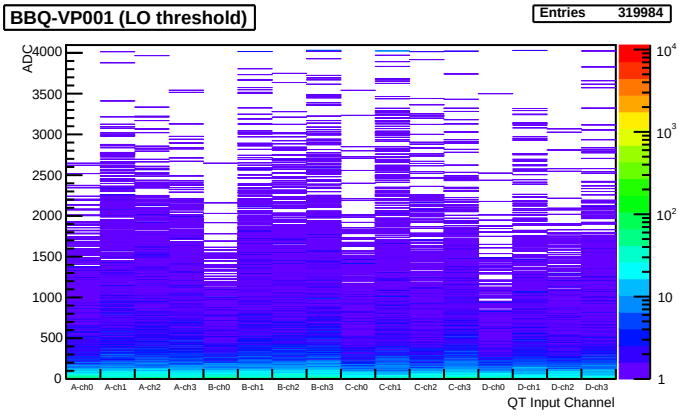

BBQ-BB002 (BBC west small tiles TAC)
Entries 319984
TAC
QT Input Channel

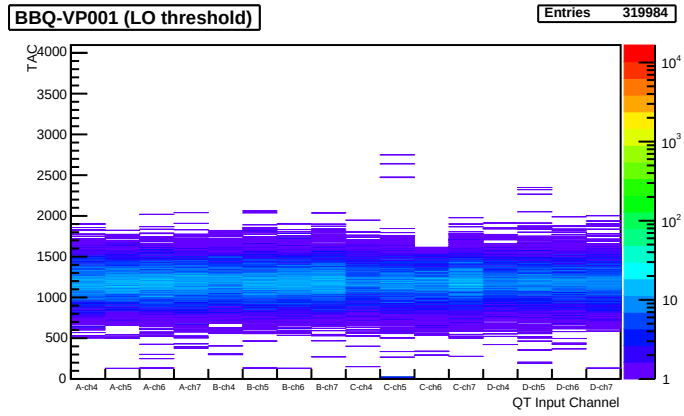

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 319984
ADC
QT Input Channel

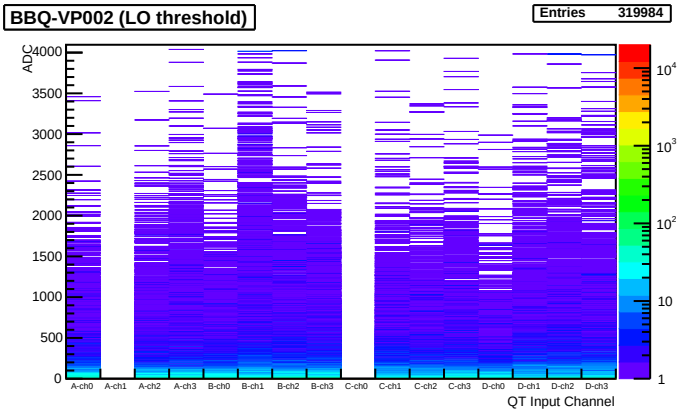

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 319984
TAC
QT Input Channel

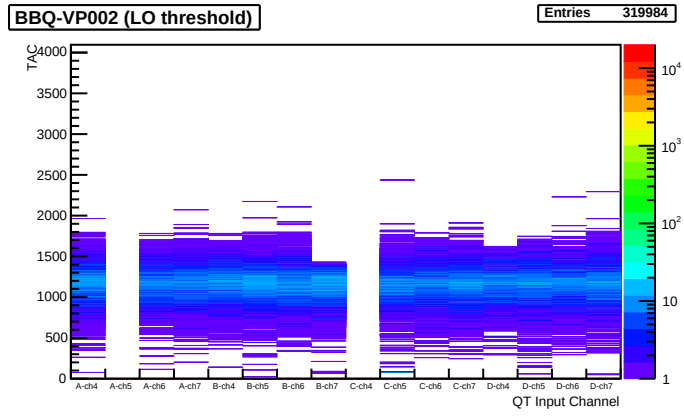

BBQ-ZD001 (ZDC TOWER)
Entries 319984
ADC

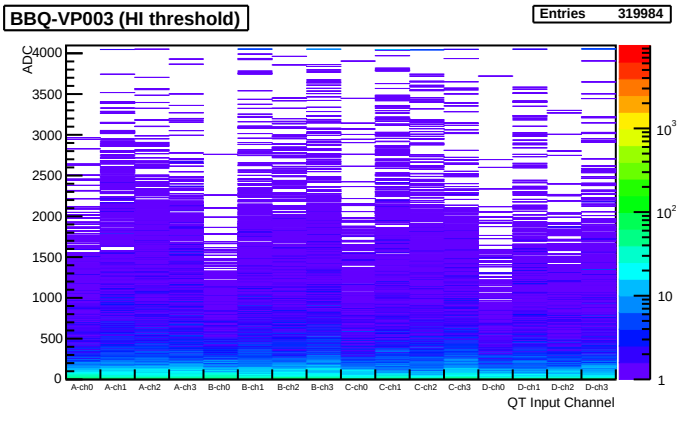

BBQ-ZD001 (ZDC TOWER)
Entries 319984
TAC

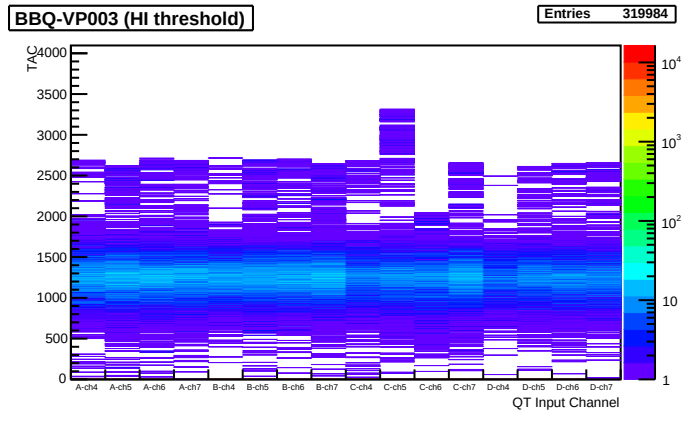

BBQ-VP001 (LO threshold)
Entries 319984
ADC
QT Input Channel

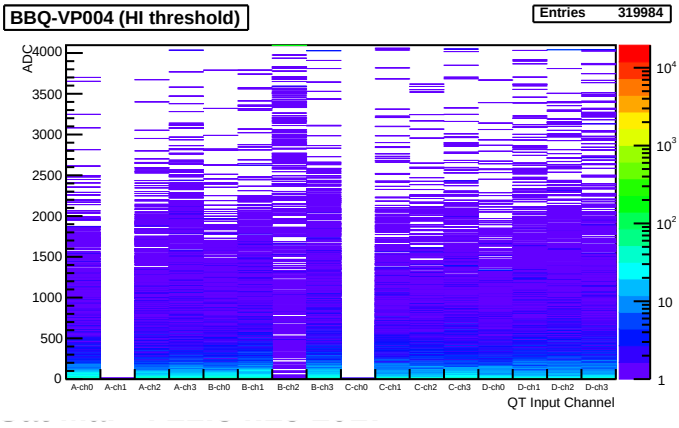

BBQ-VP001 (LO threshold)
Entries 319984
TAC
QT Input Channel

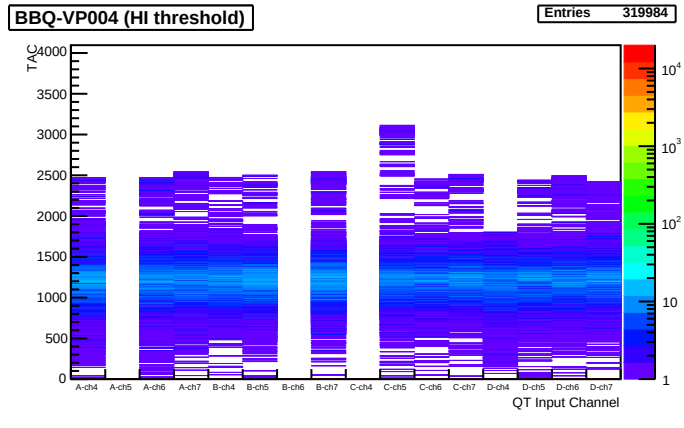

BBQ-VP002 (LO threshold)
Entries 319984
ADC
QT Input Channel

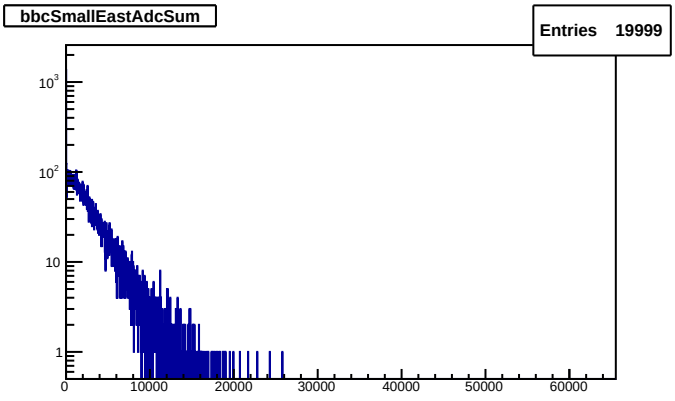

BBQ-VP002 (LO threshold)
Entries 319984
TAC
QT Input Channel

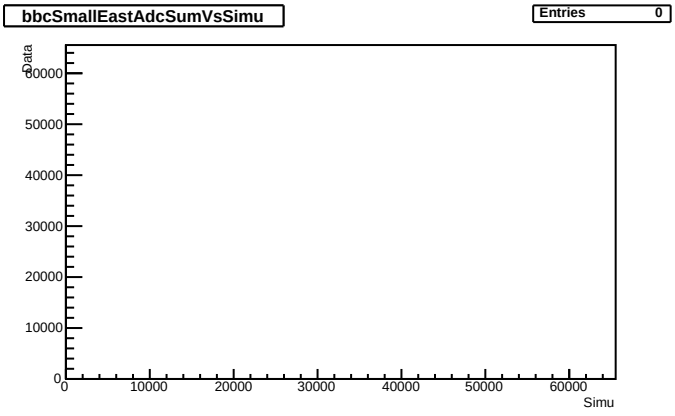

BBQ-VP003 (HI threshold)
Entries 319984
ADC
QT Input Channel

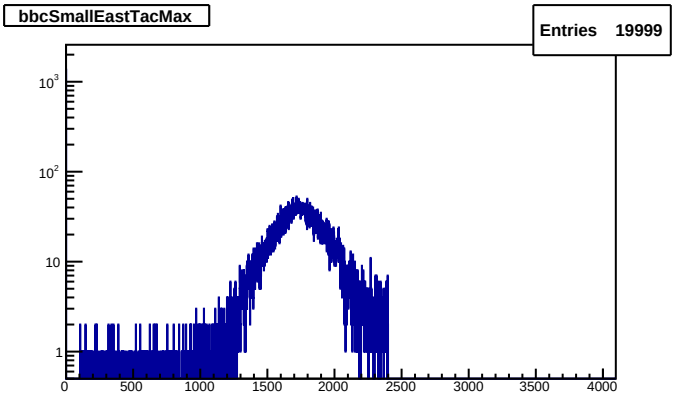

BBQ-VP003 (HI threshold)
Entries 319984
TAC
QT Input Channel

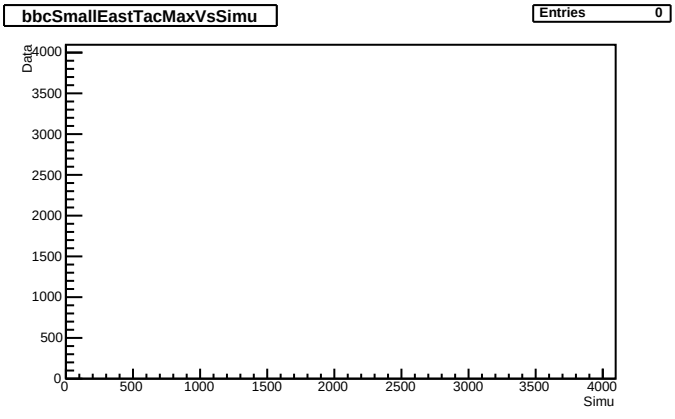

BBQ-VP004 (HI threshold)
Entries 319984
ADC
QT Input Channel

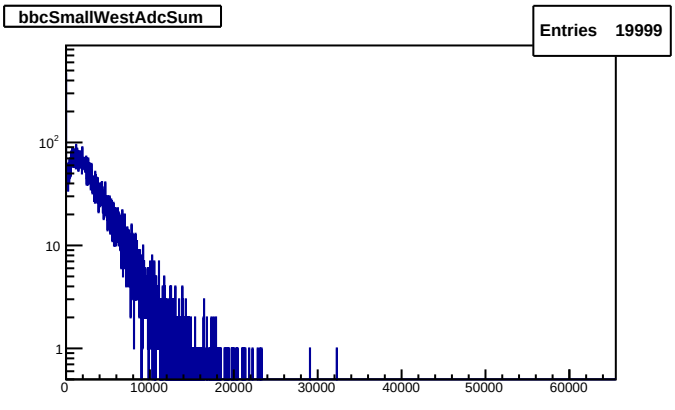

BBQ-VP004 (HI threshold)
Entries 319984
TAC
QT Input Channel

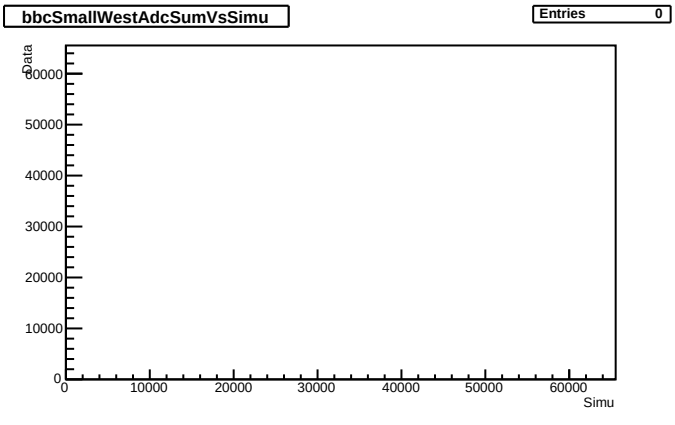

bbcSmallEastAdcSum
Entries 19999

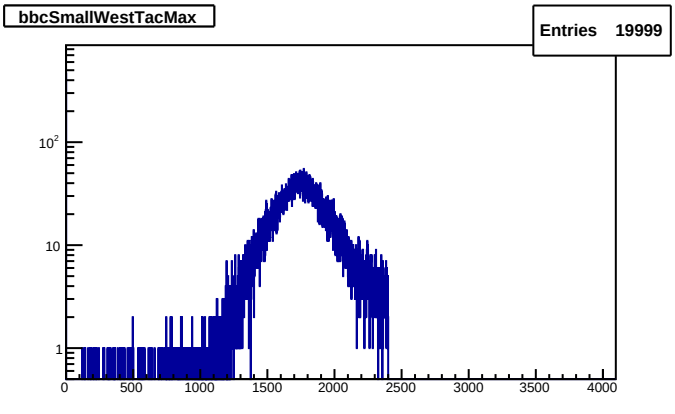

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

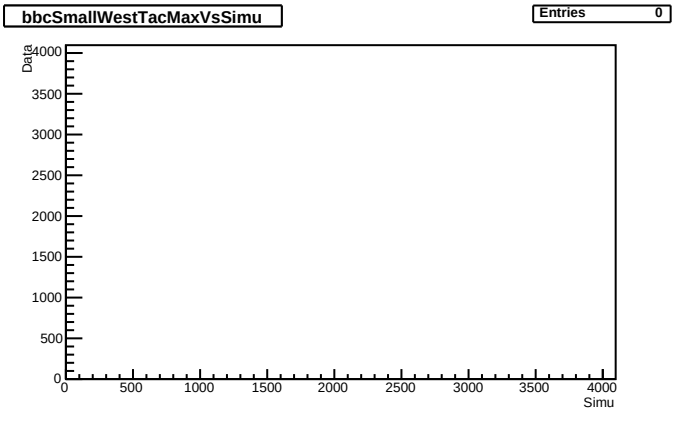

bbcSmallEastTacMax
Entries 19999

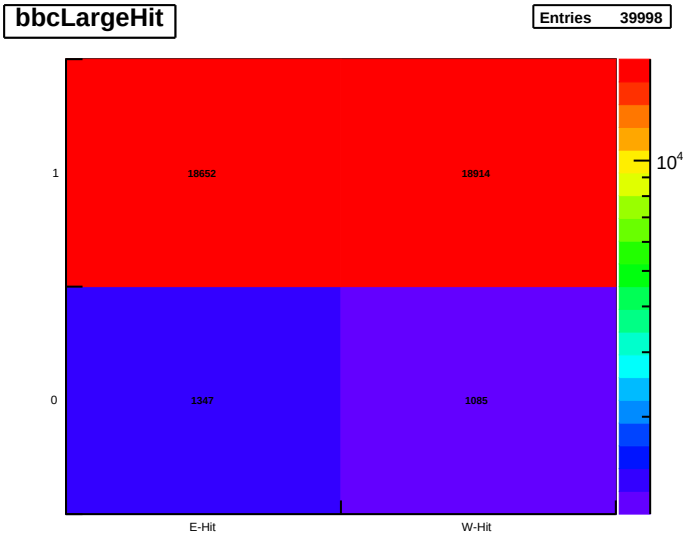

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

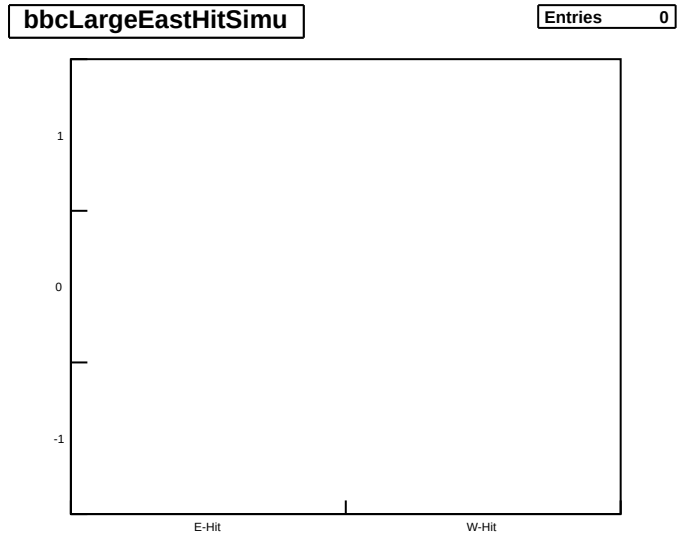

bbcSmallWestAdcSum
Entries 19999

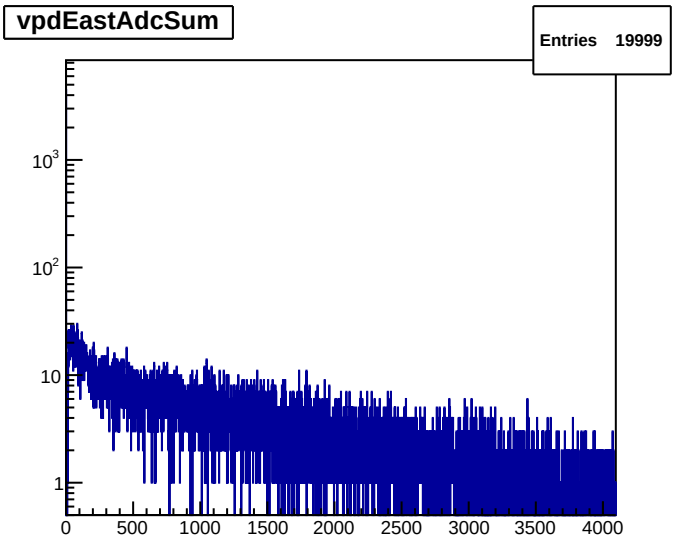

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

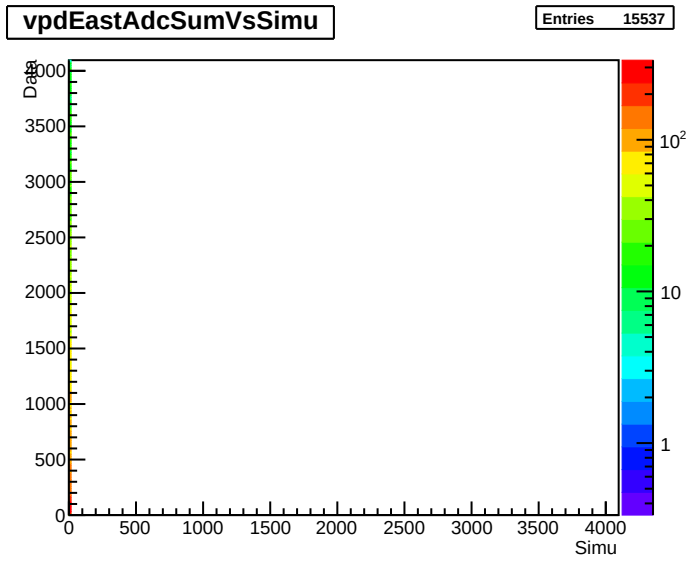

bbcSmallWestTacMax
Entries 19999

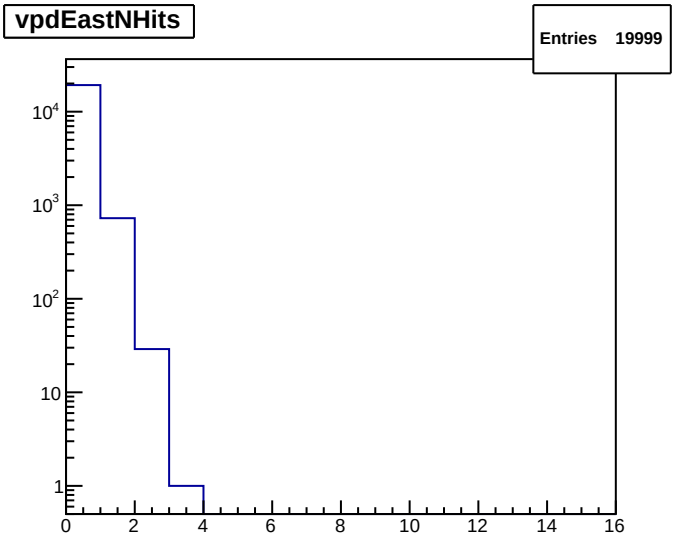

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

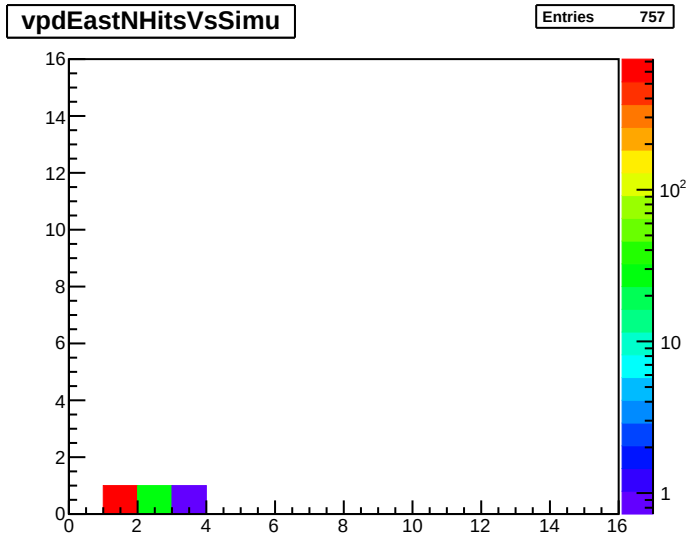

bbcLargeHit
Entries 39998
1
0
18652
18914
1347
1085
E-Hit
W-Hit
10^4

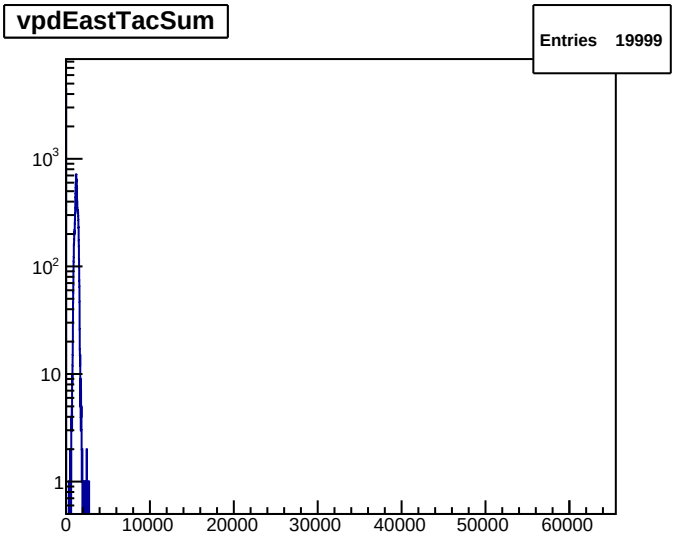

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

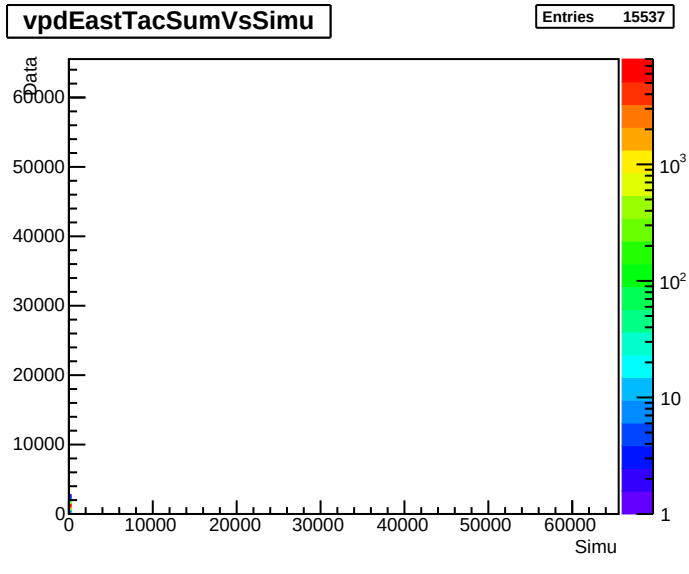

vpdEastAdcSum
Entries 19999

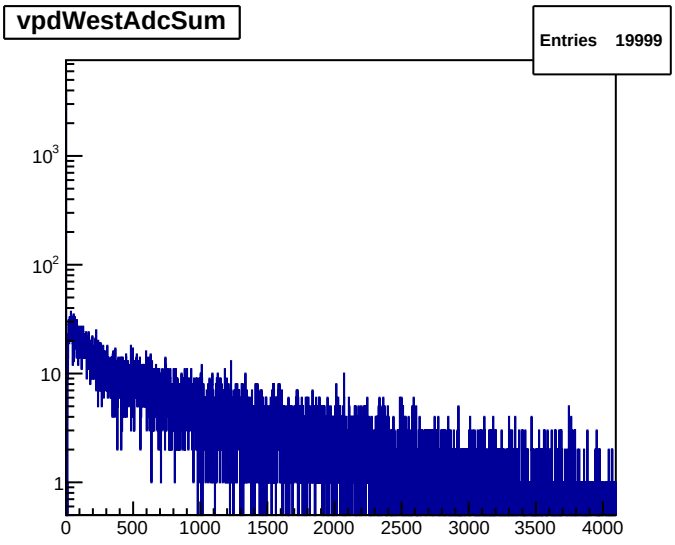

vpdEastAdcSumVsSimu
Entries 15537
Data
Simu

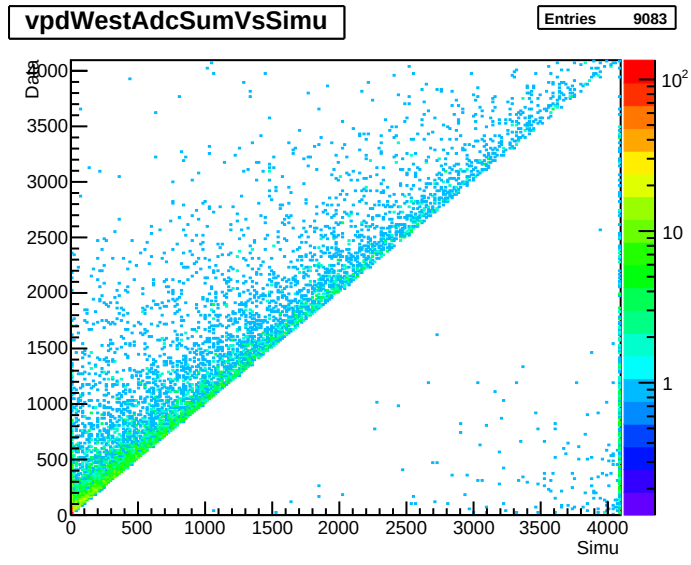

vpdEastNHits
Entries 19999

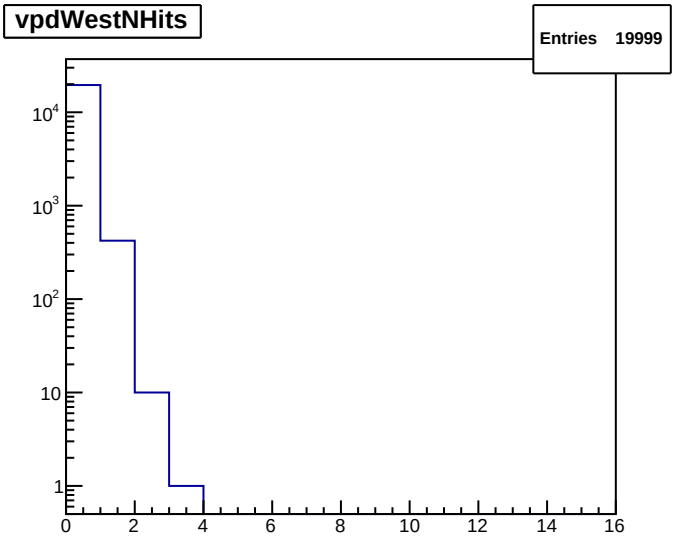

vpdEastNHitsVsSimu
Entries 757

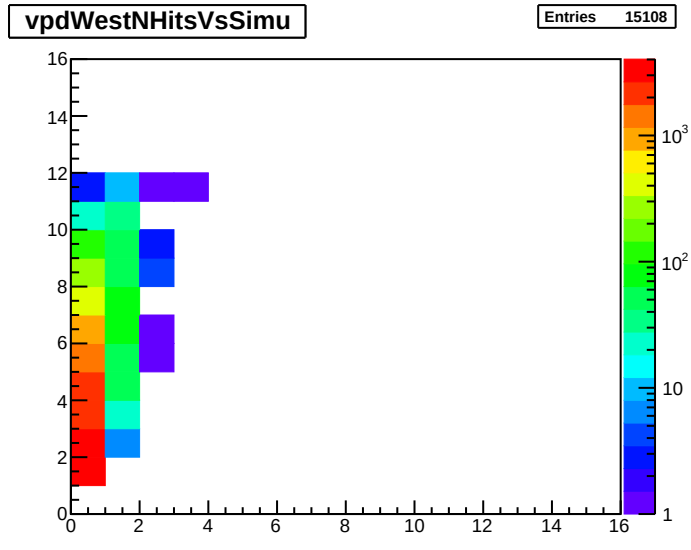

vpdEastTacSum
Entries 19999

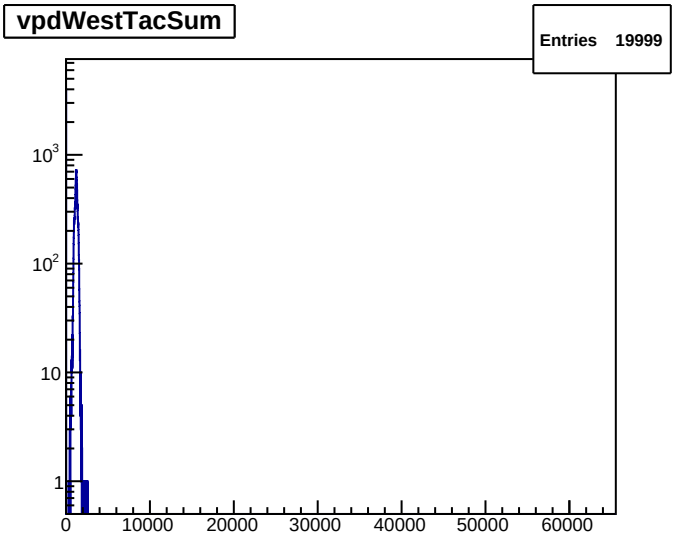

vpdEastTacSumVsSimu
Entries 15537
Data
Simu

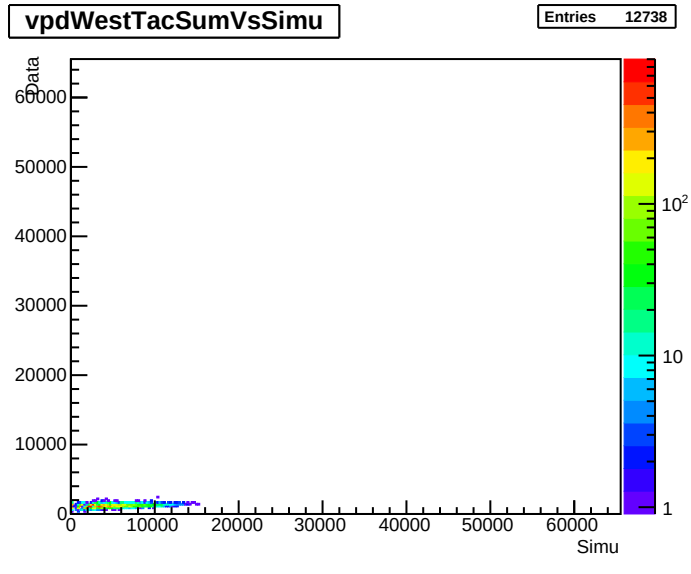

vpdWestAdcSum
Entries 19999

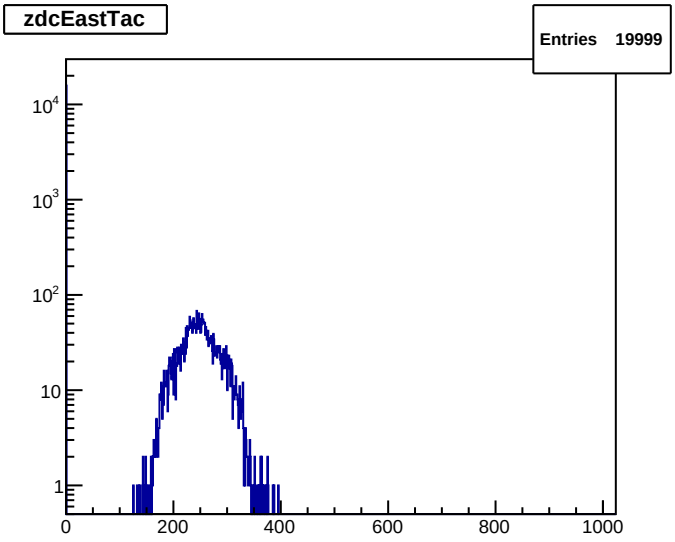

vpdWestAdcSumVsSimu
Entries 9083
Data
Simu

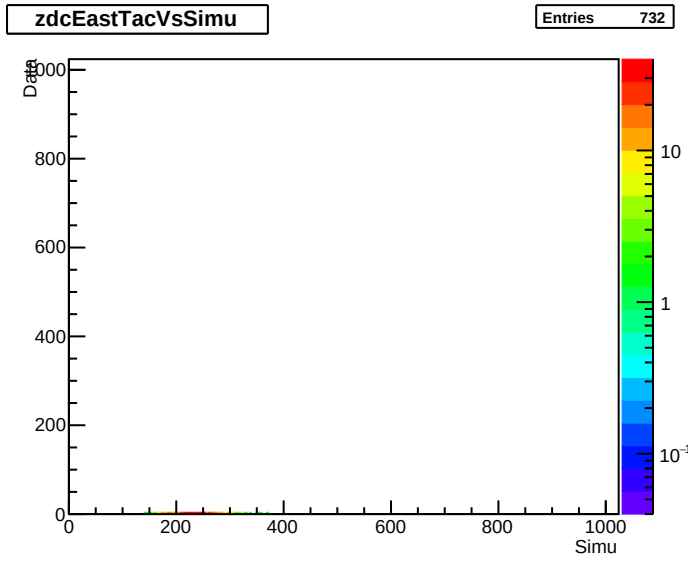

vpdWestNHits
Entries 19999

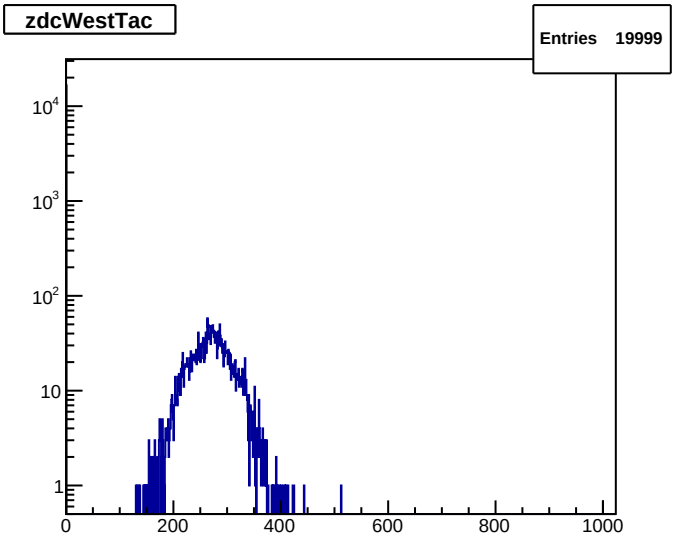

vpdWestNHitsVsSimu
Entries 15108

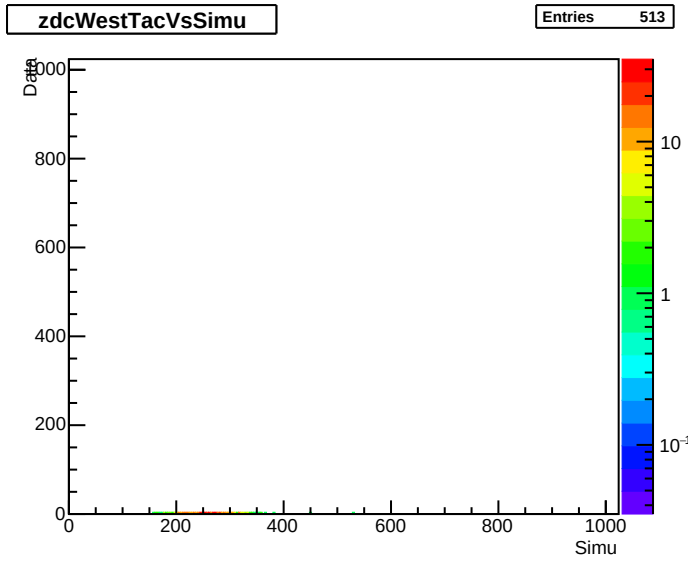

vpdWestTacSum
Entries 19999

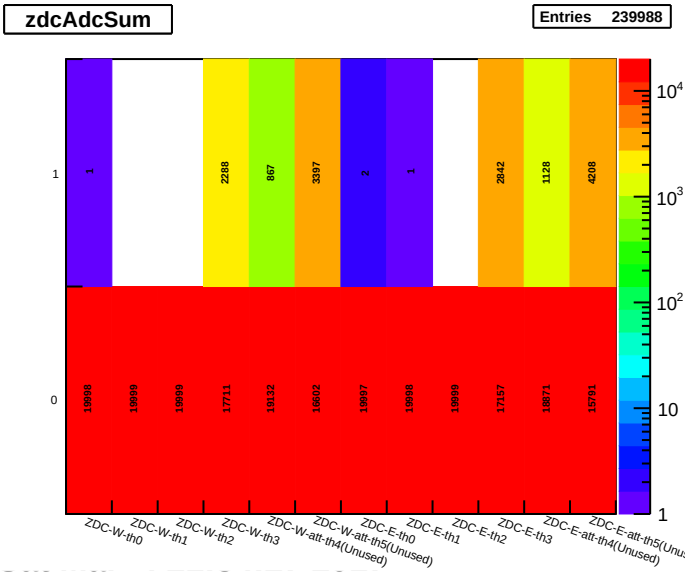

vpdWestTacSumVsSimu
Entries 12738
Data
Simu

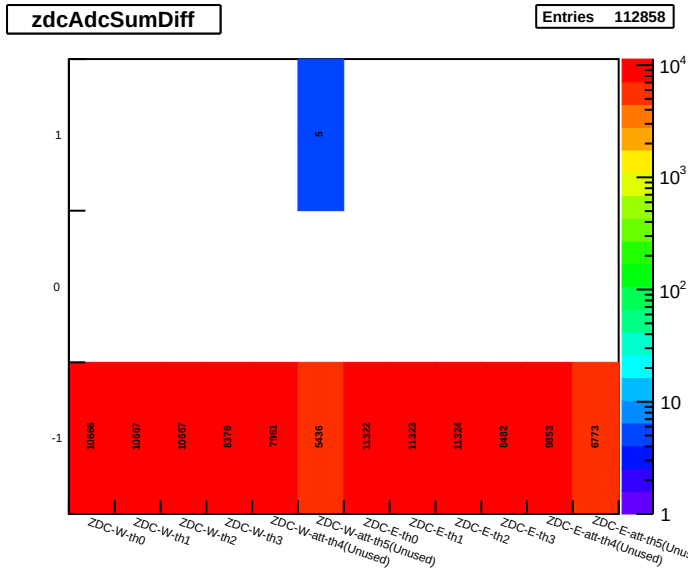

zdcEastTac
Entries 19999

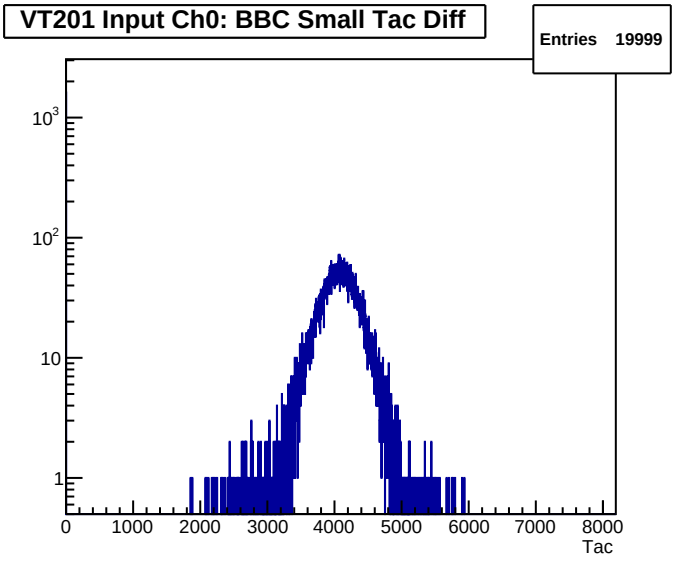

zdcEastTacVsSimu
Entries 732
Data
Simu

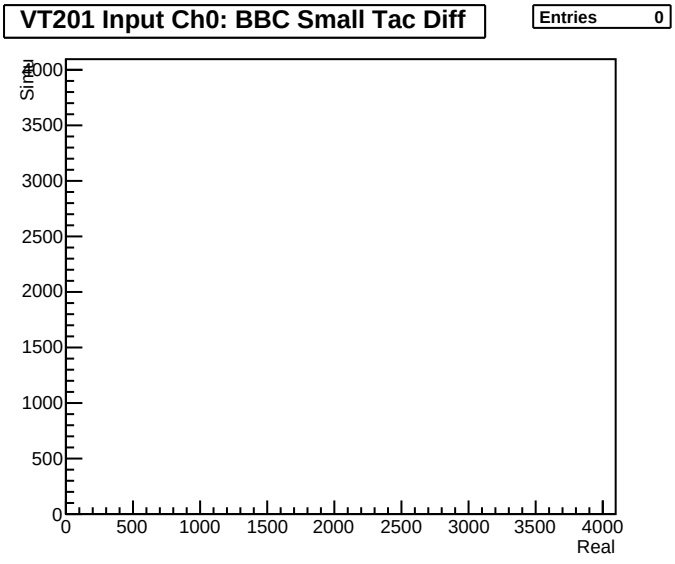

zdcWestTac
Entries 19999

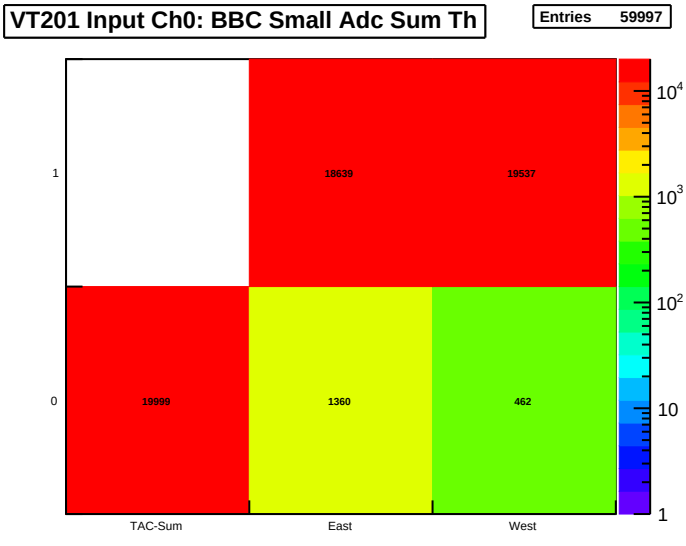

zdcWestTacVsSimu
Entries 513
Data
Simu

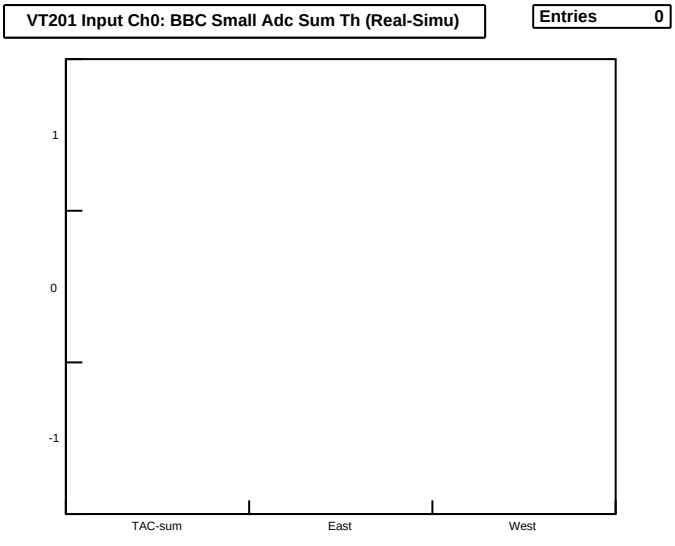

zdcAdcSum
Entries 239988
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

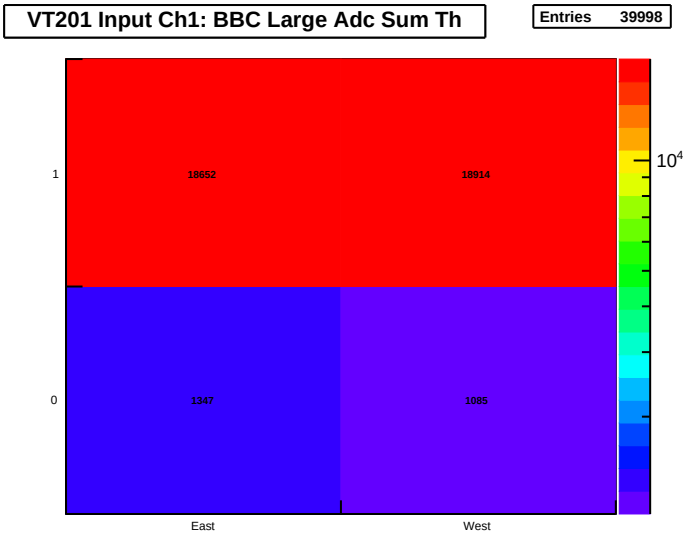

zdcAdcSumDiff
Entries 112858
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

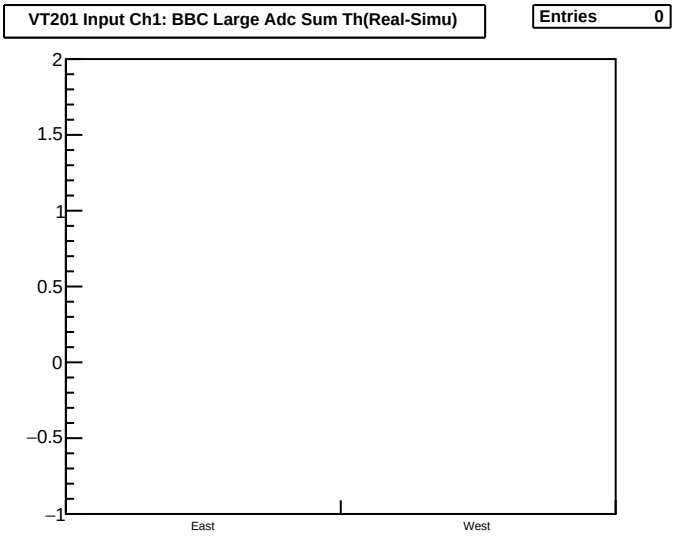

VT201 Input Ch0: BBC Small Tac Diff
Entries 19999
Tac


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

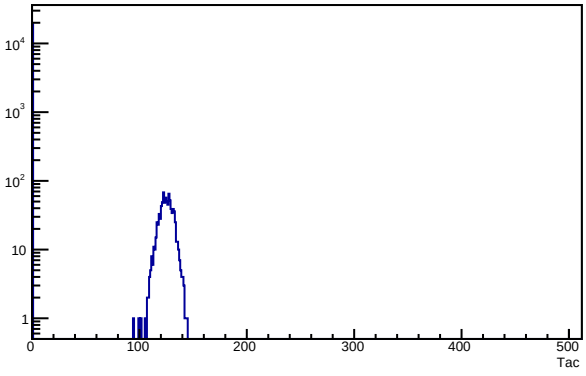

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 59997
18639
19537
19999
1360
462
TAC-Sum
East
West


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

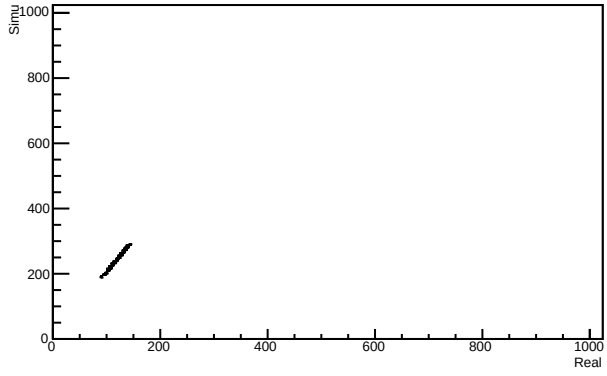

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 39998
18652
18914
1347
1085
East
West


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

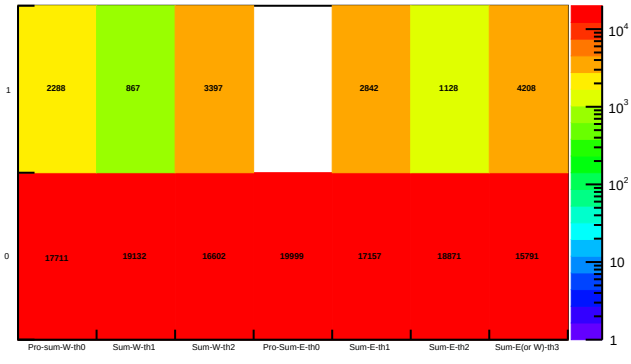
VT201 Input Ch2: ZDC Tac Diff



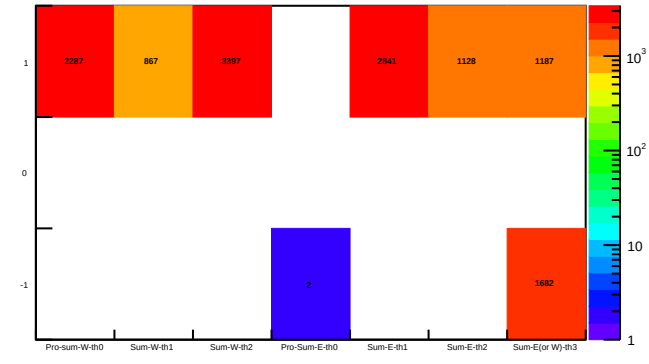
VT201 Input Ch2: ZDC Tac Diff



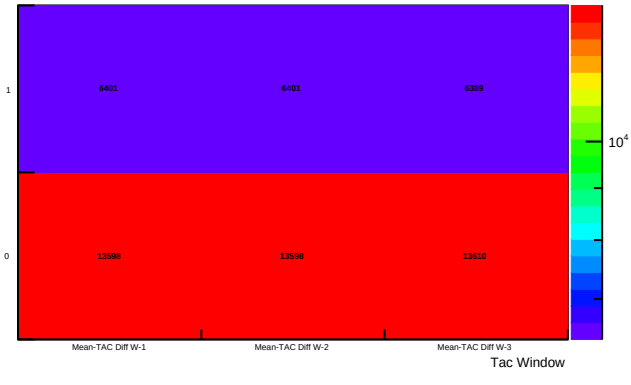
VT201 Input Ch2: ZDC Adc Sum Th



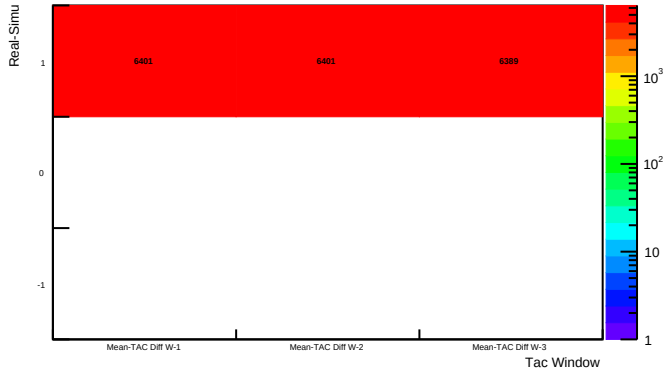
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



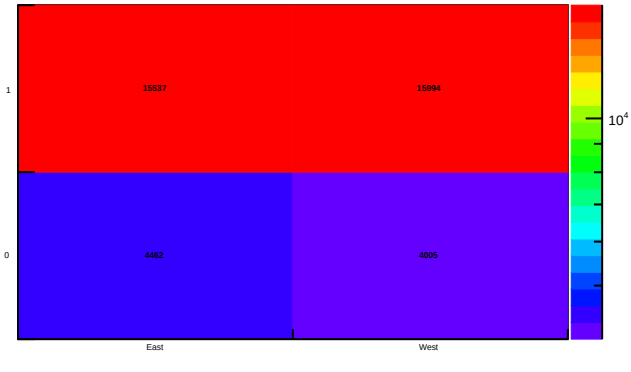
VT201 Input Ch4: VPD Tac Diff



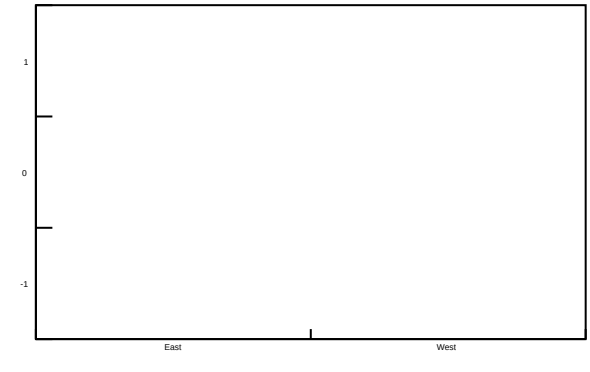
VT201 Input Ch4: VPD Tac Diff

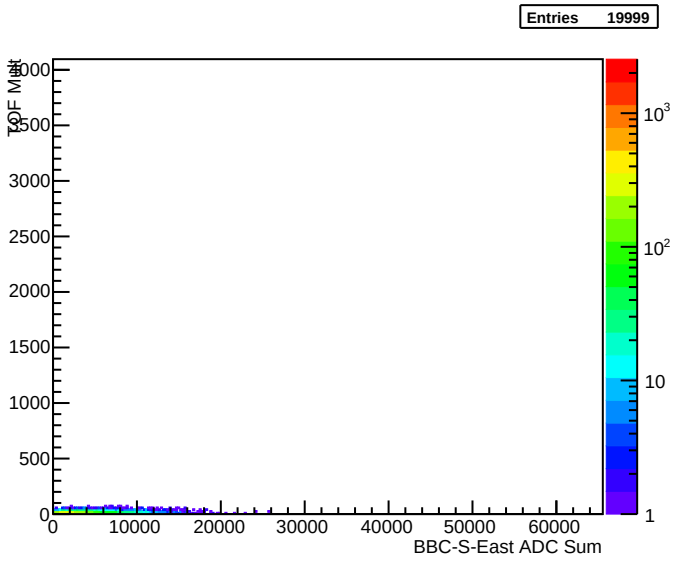


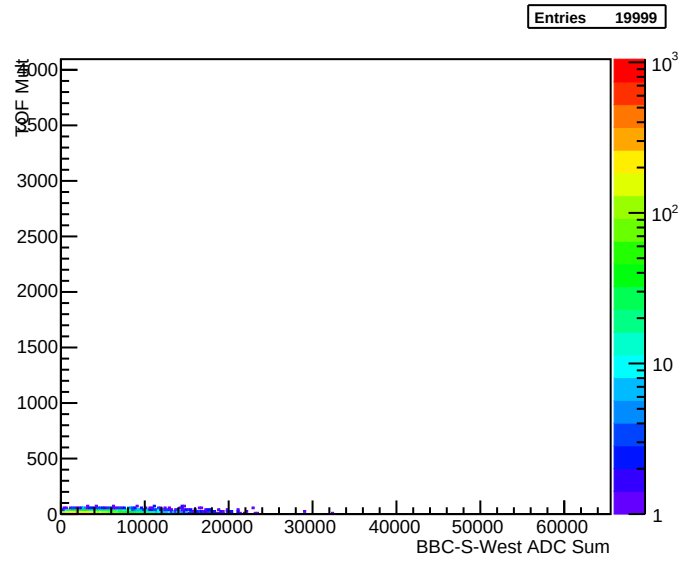
VT201 Input Ch4: VPD Adc Sum Th

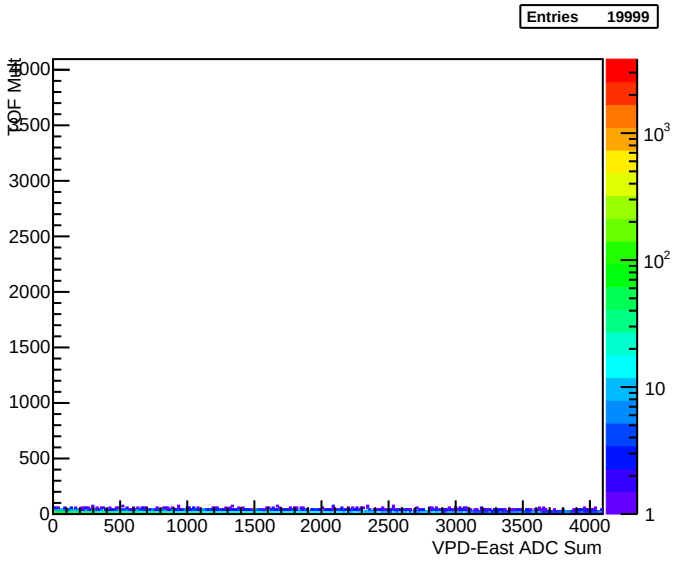


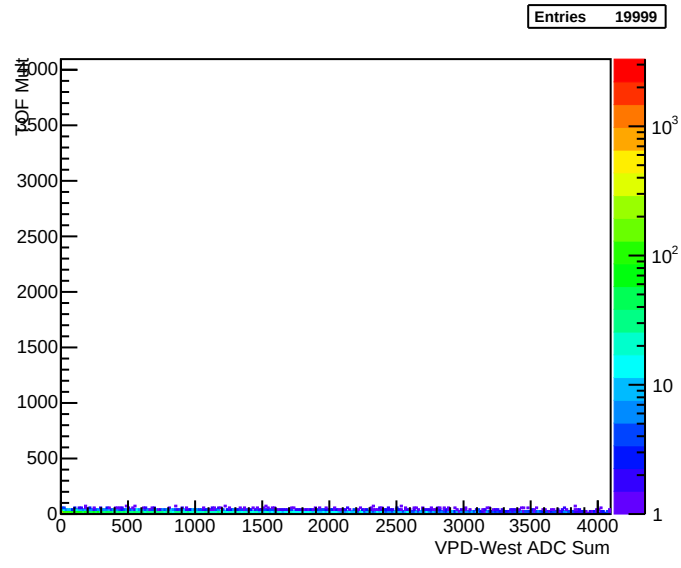
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

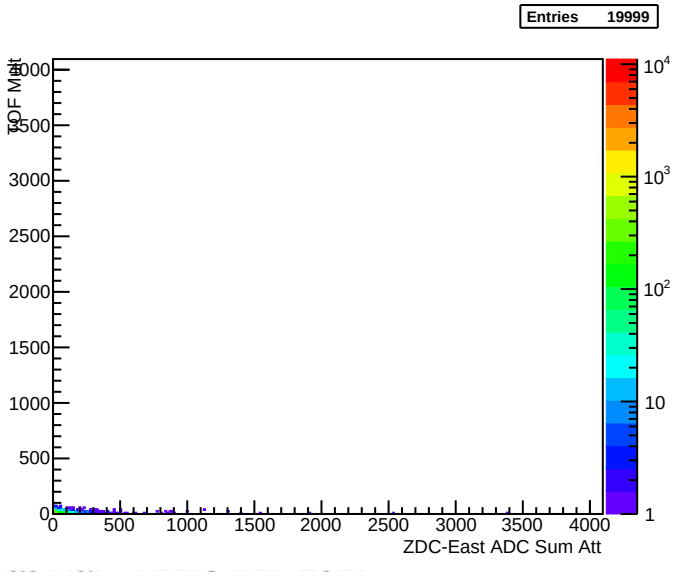


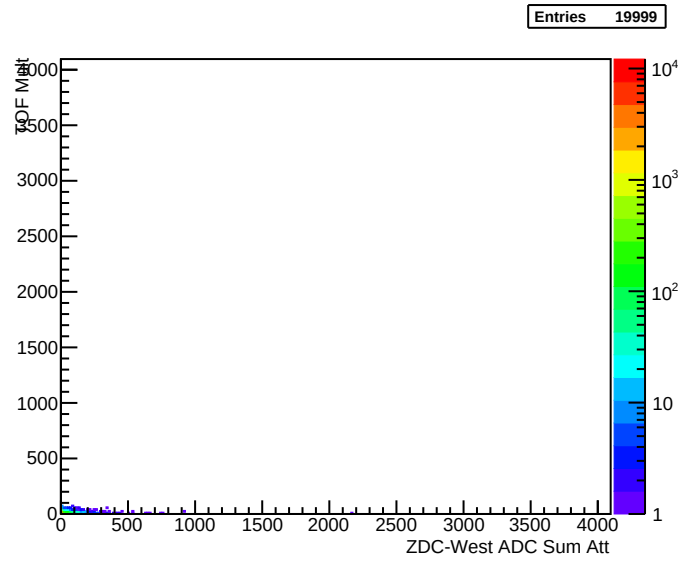

Entries 19999
TOF Mult
BBC-S-East ADC Sum

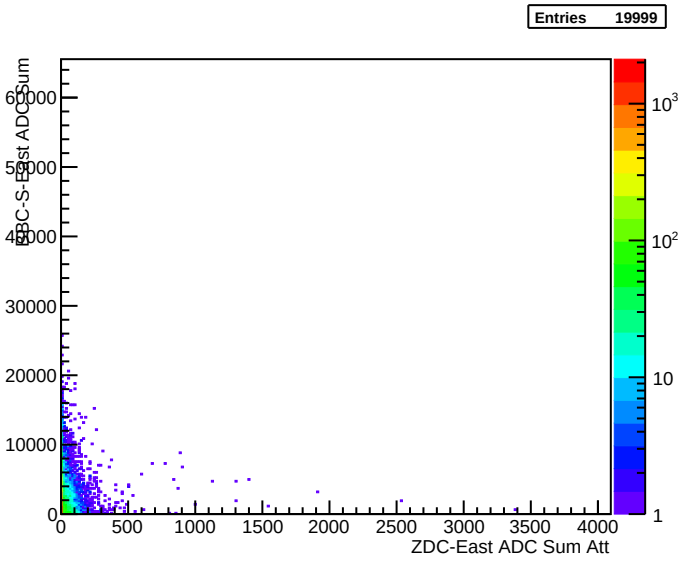

Entries 19999
TOF Mult
BBC-S-West ADC Sum

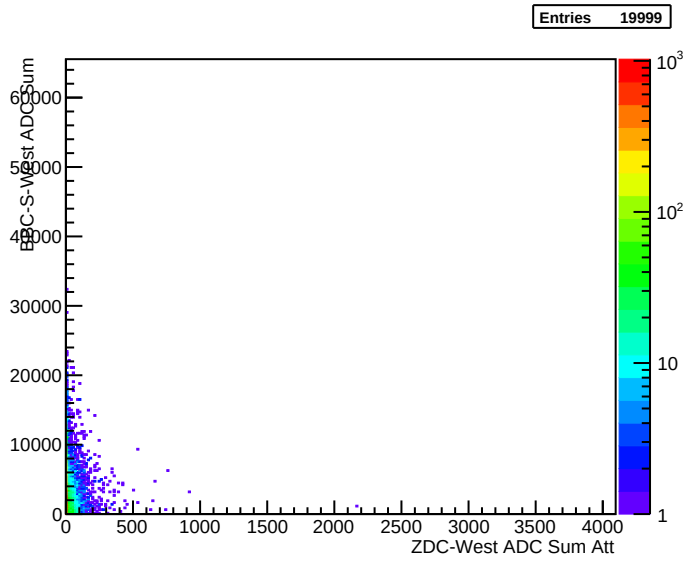

Entries 19999
TOF Mult
VPD-East ADC Sum

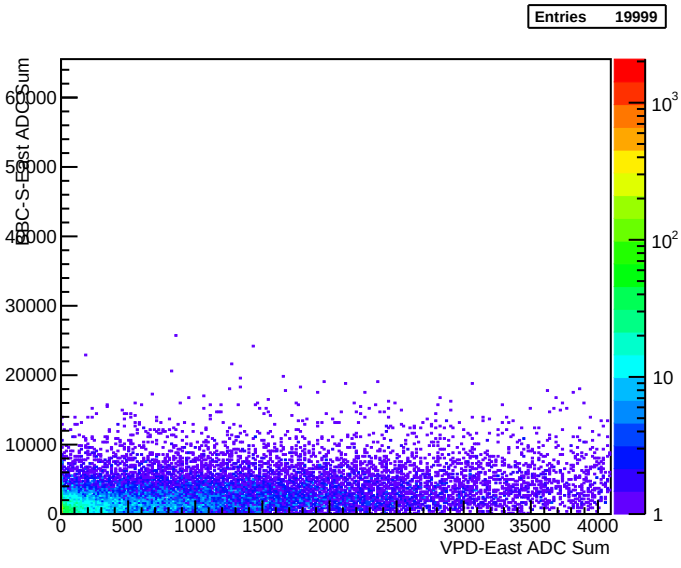

Entries 19999
TOF Mult
VPD-West ADC Sum

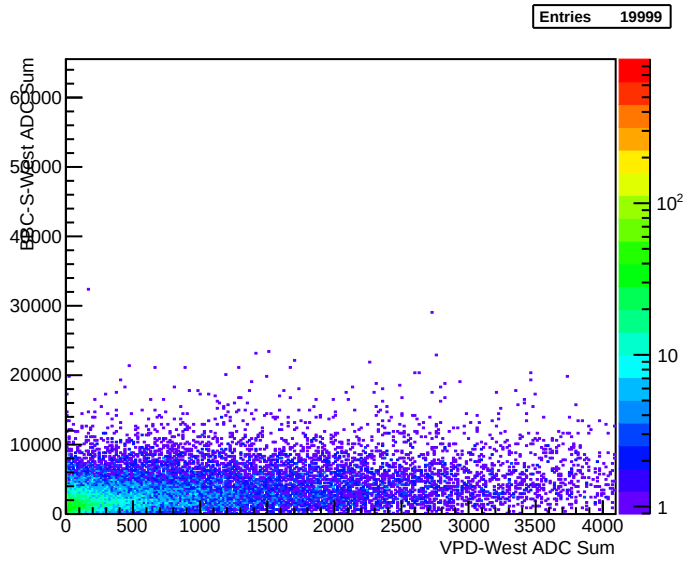

Entries 19999
TOF Mult
ZDC-East ADC Sum Att

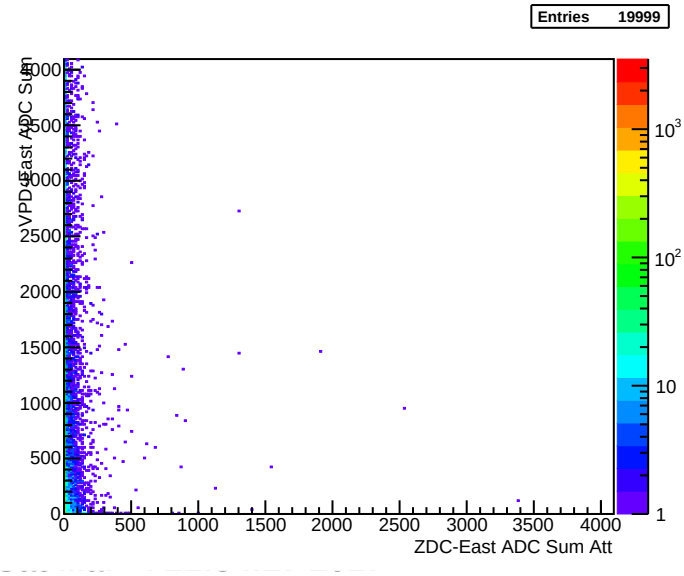

Entries 19999
TOF Mult
ZDC-West ADC Sum Att

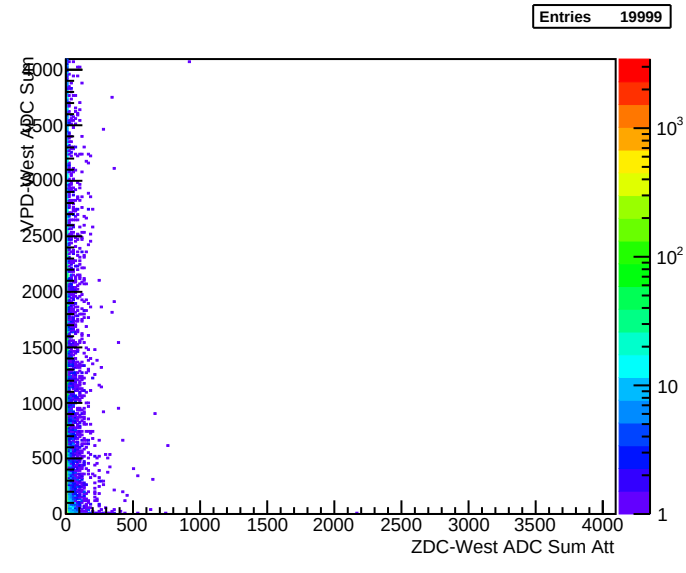

Entries 19999
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

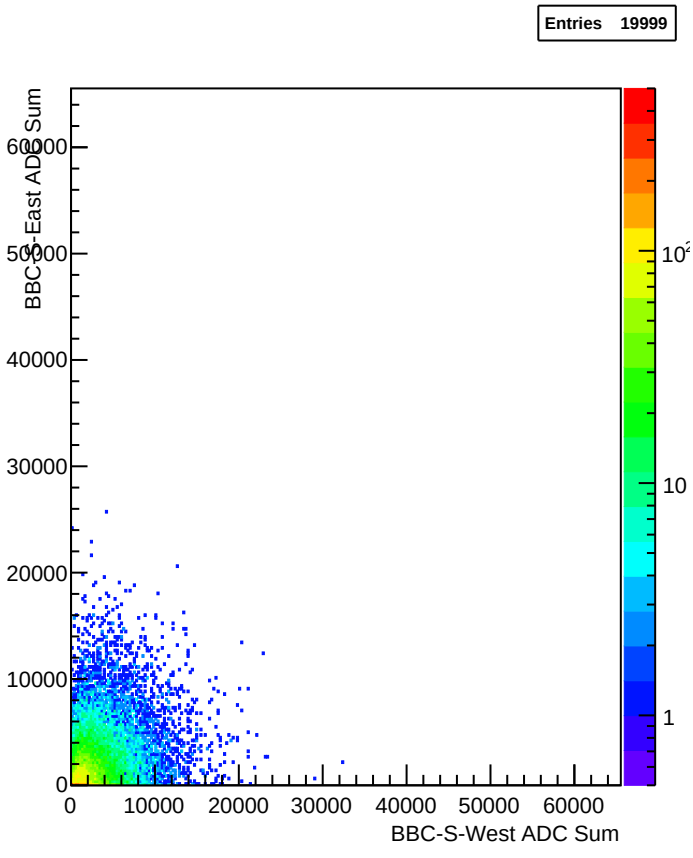

Entries 19999
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

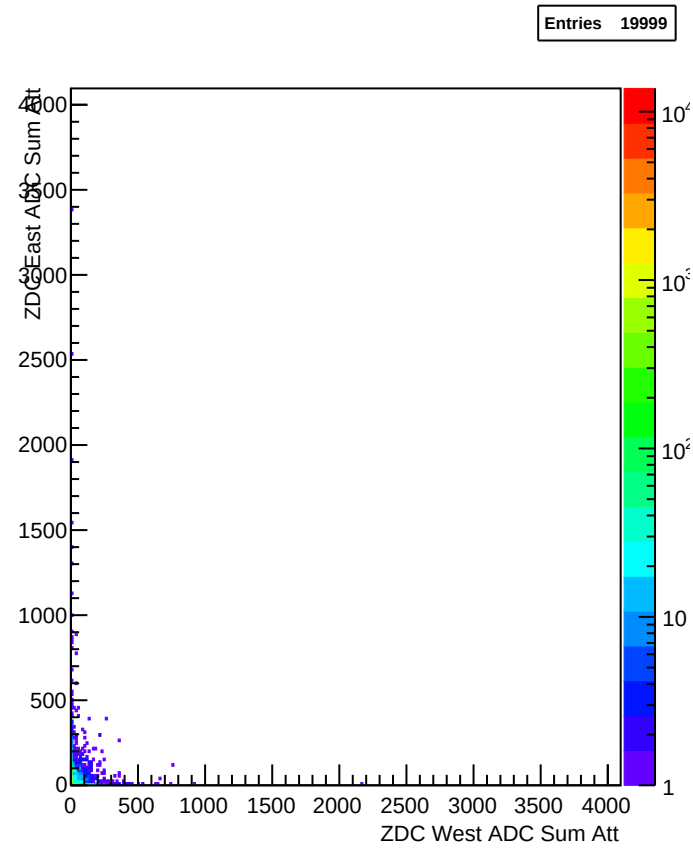

Entries 19999
BBC-S-East ADC Sum
VPD-East ADC Sum

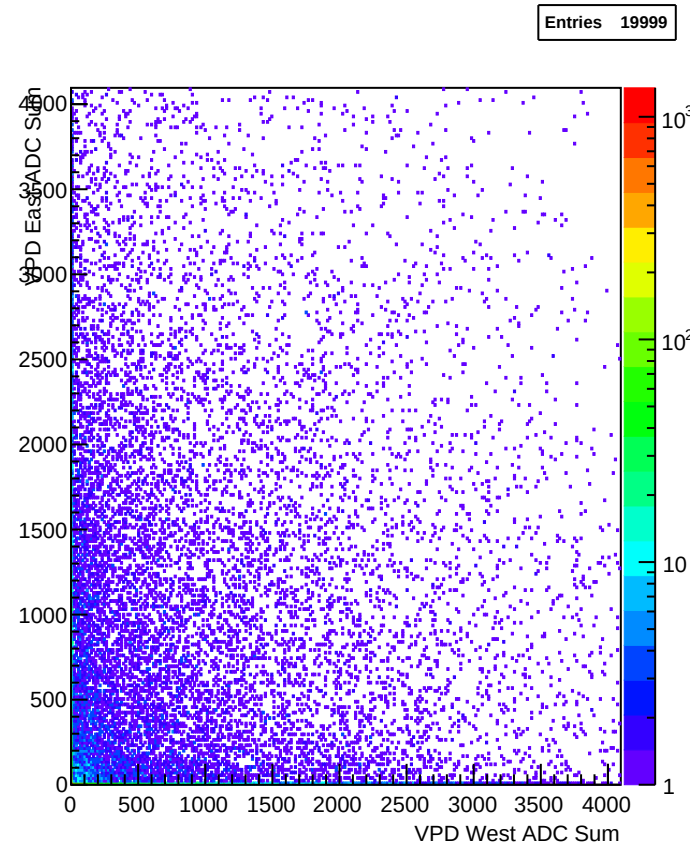

Entries 19999
BBC-S-West ADC Sum
VPD-West ADC Sum

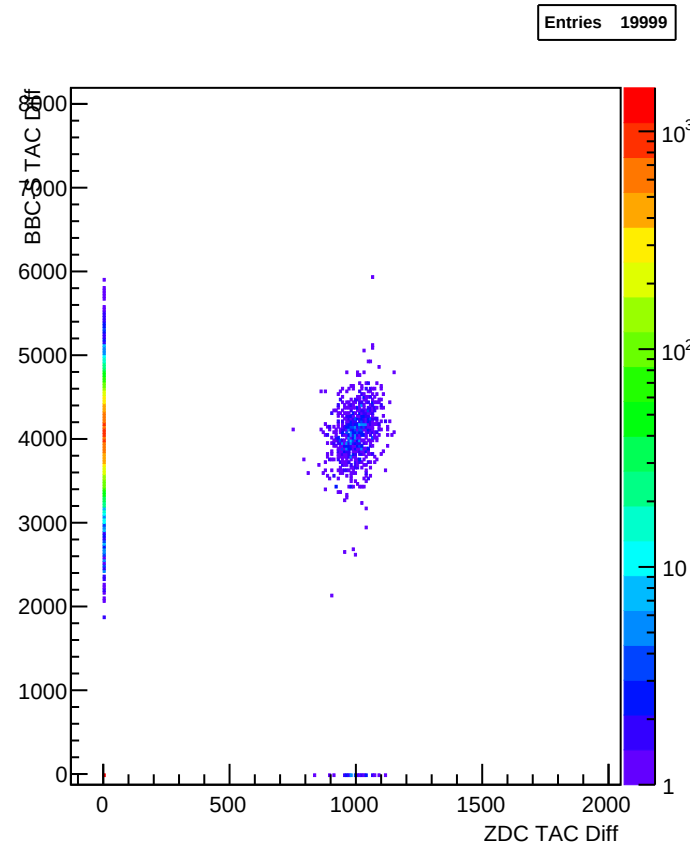

Entries 19999
VPD-East ADC Sum
ZDC-East ADC Sum Att

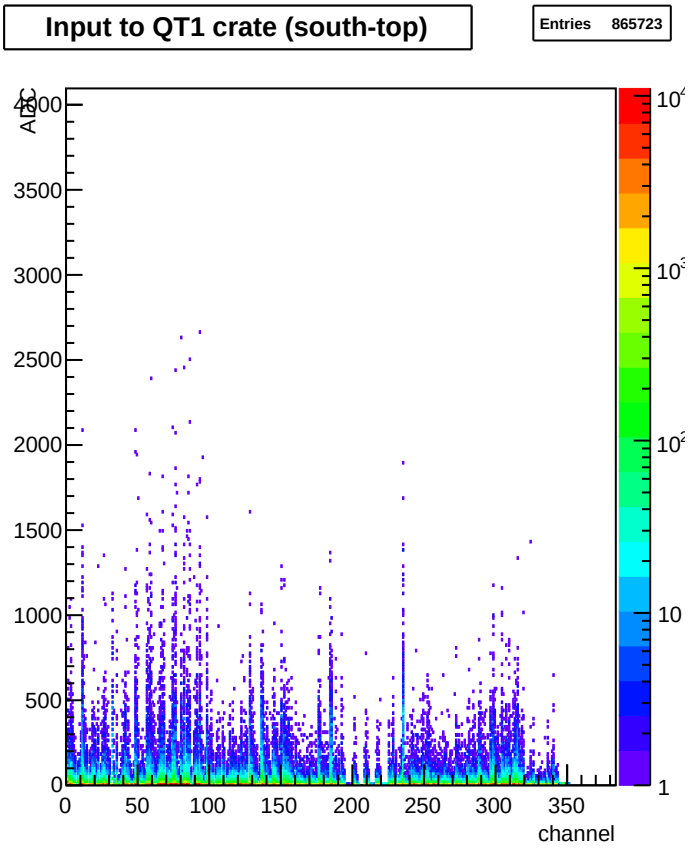

Entries 19999
VPD-West ADC Sum
ZDC-West ADC Sum Att

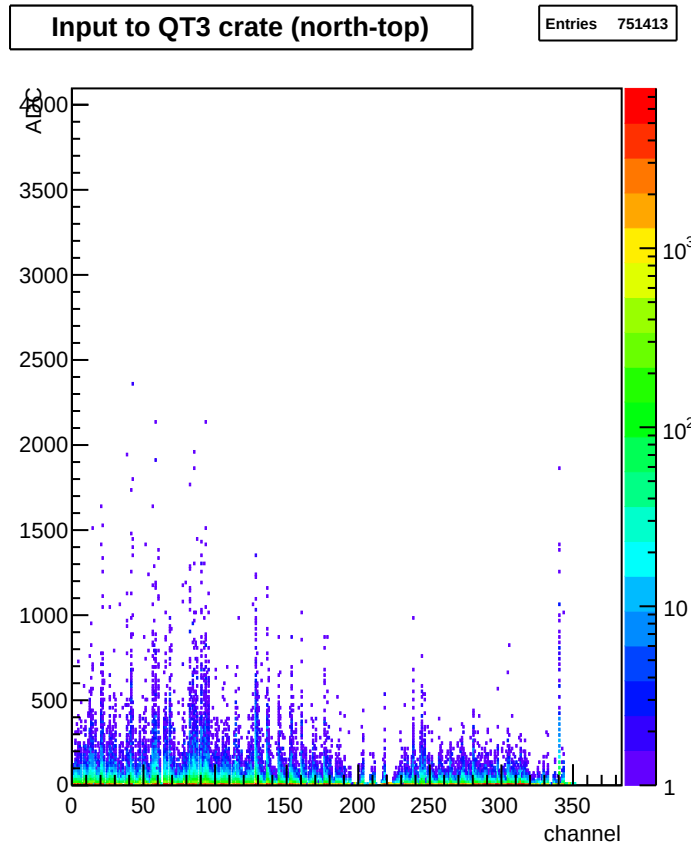

Entries 19999
BBC-S-East ADC Sum
BBC-S-West ADC Sum

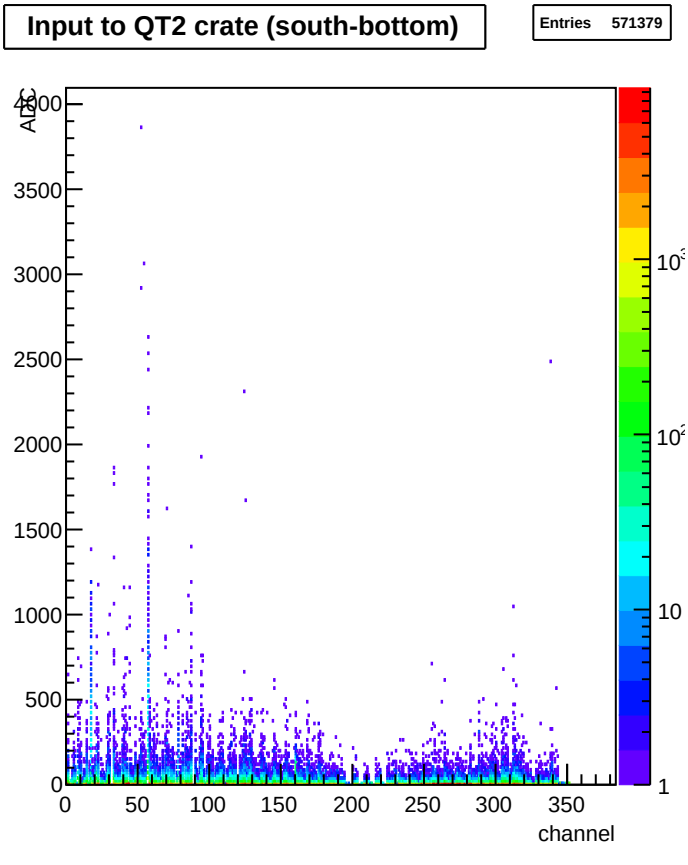

Entries 19999
ZDC East ADC Sum Att
ZDC West ADC Sum Att

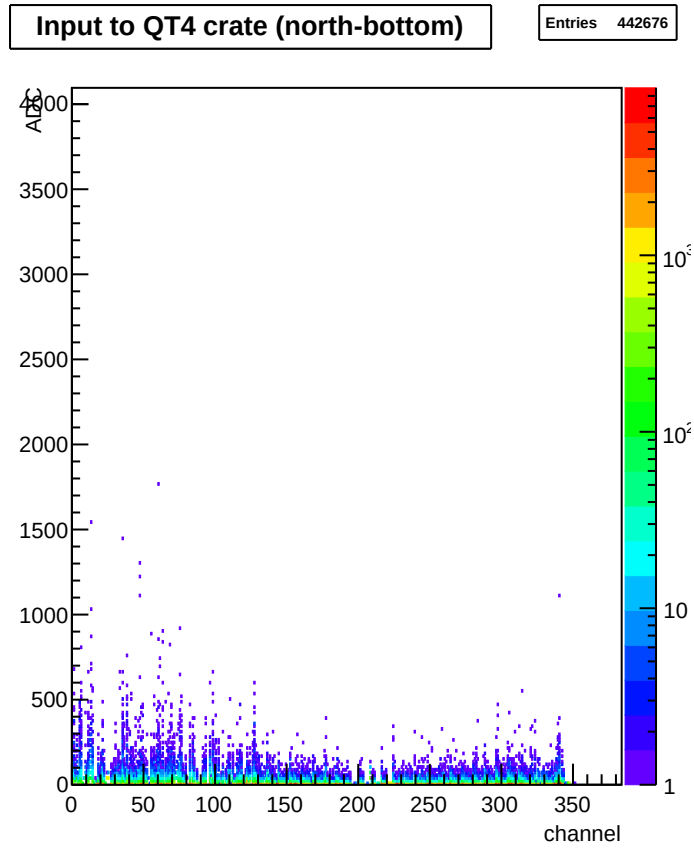

Entries 19999
VPD East ADC Sum
VPD West ADC Sum

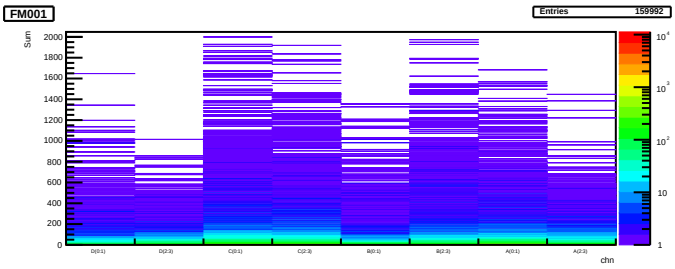

Entries 19999
BBC-S TAC Diff
ZDC TAC Diff

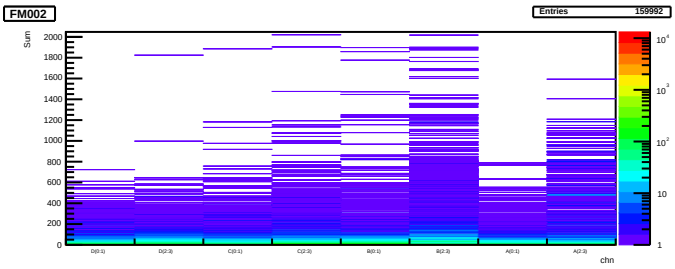

Input to QT1 crate (south-top)
Entries 865723
ADC
channel

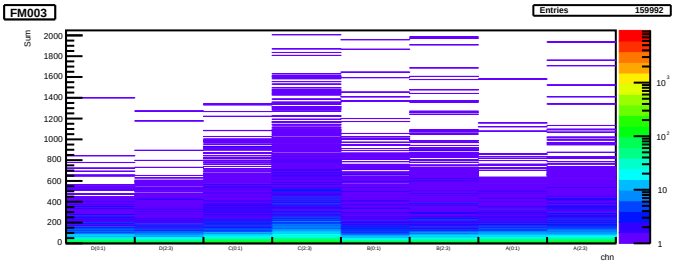

Input to QT3 crate (north-top)
Entries 751413
ADC
channel

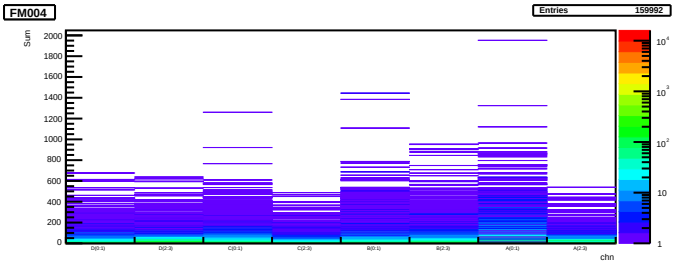

Input to QT2 crate (south-bottom)
Entries 571379
ADC
channel

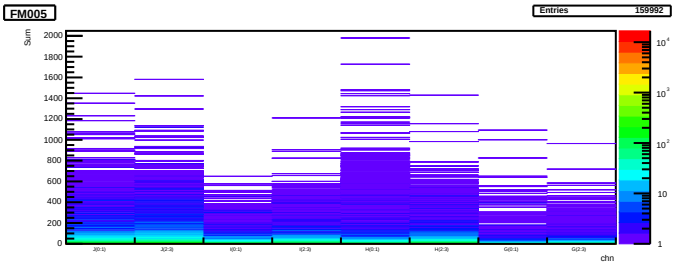

Input to QT4 crate (north-bottom)
Entries 442676
ADC
channel

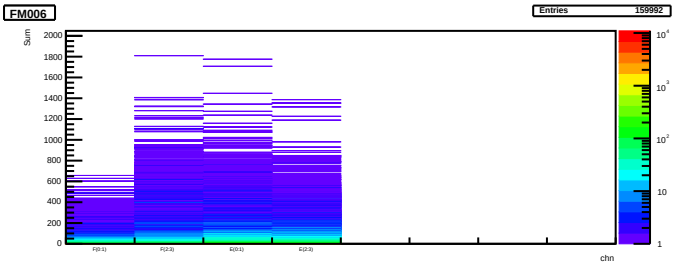

FM001
Entries 159992
Sum
chn

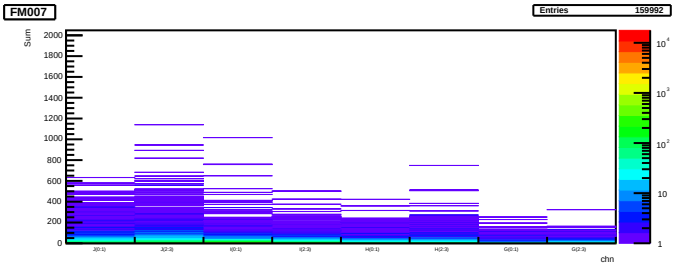

FM002
Entries 159992
Sum
chn

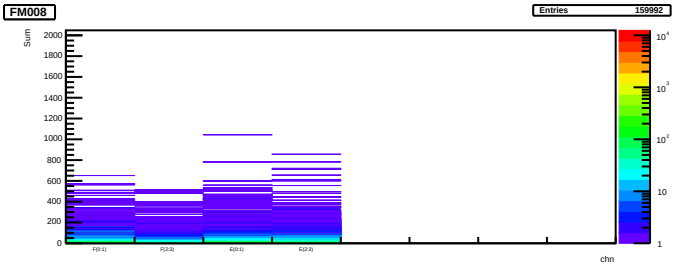

FM003
Entries 159992
Sum
chn

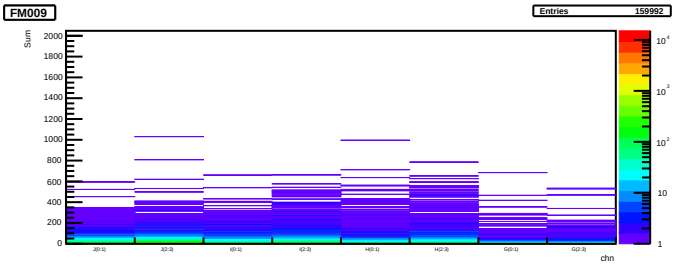

FM004
Entries 159992
Sum
chn

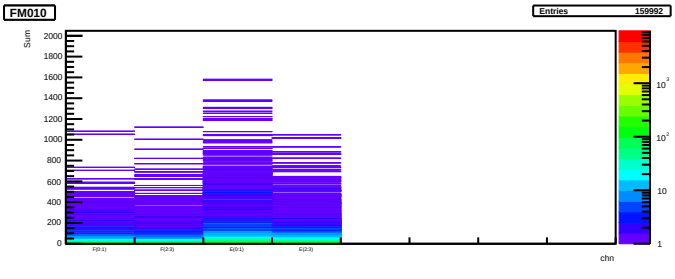

FM005
Entries 159992
Sum
chn

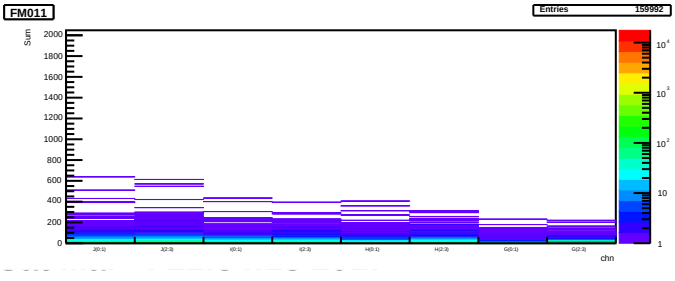

FM006
Entries 159992
Sum
chn

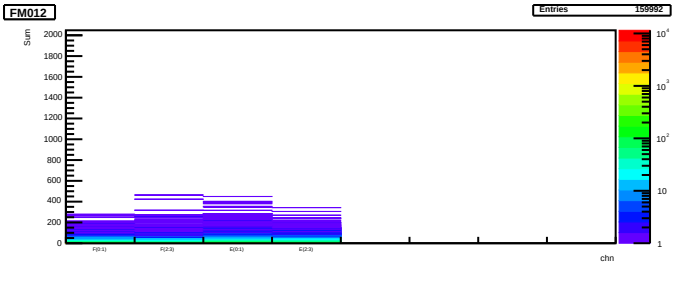

FM007
Entries 159992
Sum
chn

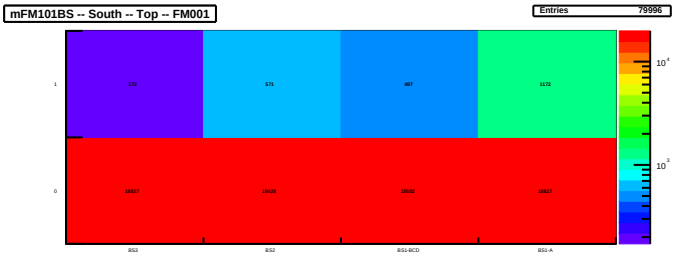

FM008
Entries 159992
Sum
chn

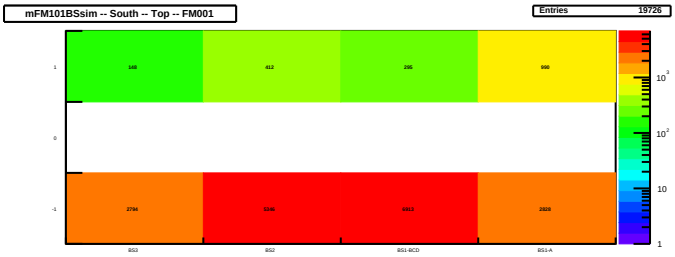

FM009
Entries 159992
Sum
chn

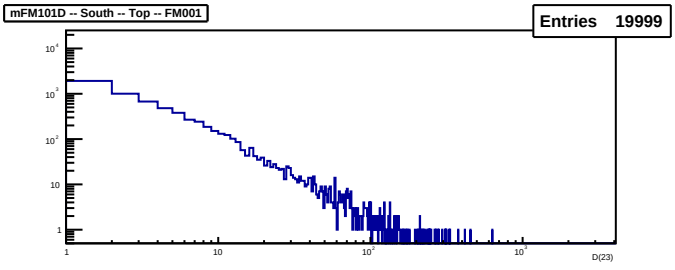

FM010
Entries 159992
Sum
chn

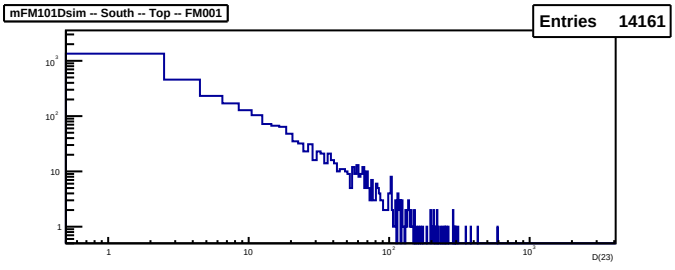

FM011
Entries 159992
Sum
chn

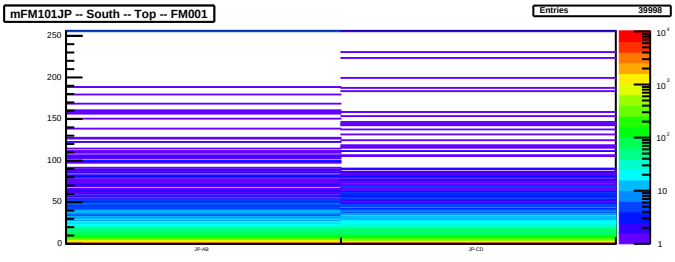

FM012
Entries 159992
Sum
chn

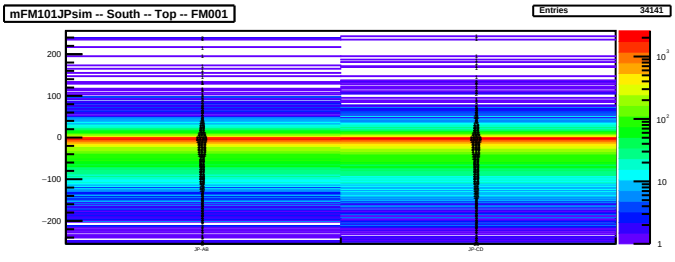

mFM101BS -- South -- Top -- FM001
Entries 79996
172
571
497
1172
19497
19428
19502
19827
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Top -- FM001
Entries 19726
169
412
295
996
2794
5145
6913
2828
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Top -- FM001
Entries 19999
D(23)


mFM101Dsim -- South -- Top -- FM001
Entries 14161
D(23)


mFM101JP -- South -- Top -- FM001
Entries 39998
JP-AB
JP-CD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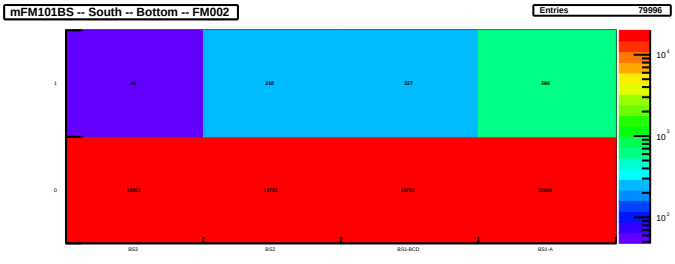
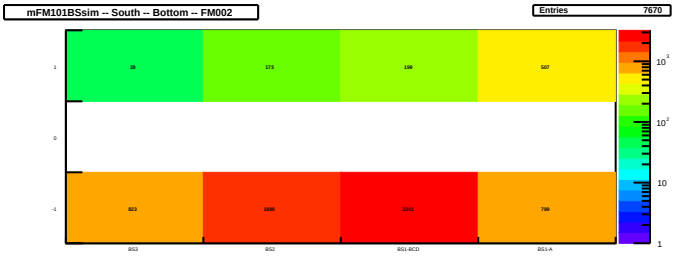
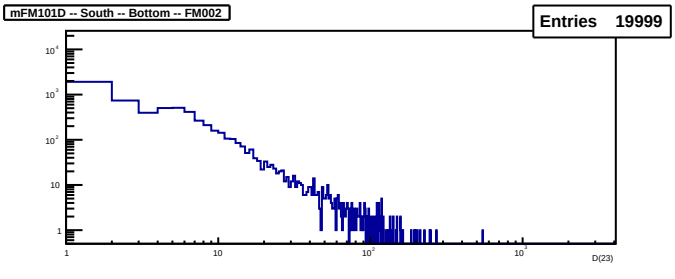
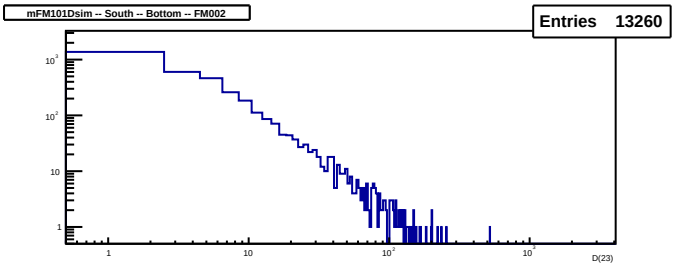
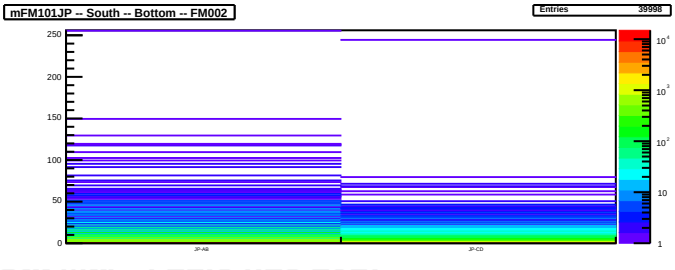
Entries 34141
JP-AB
JP-CD

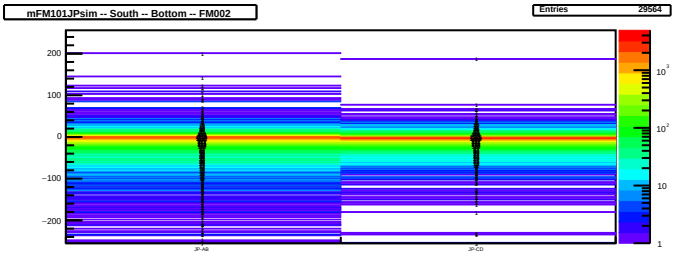

mFM101BS -- South -- Bottom -- FM002
Entries 79996
49
218
227
560
19951
19701
19772
19439
BS3
BS2
BS1-BCD
BS1-A

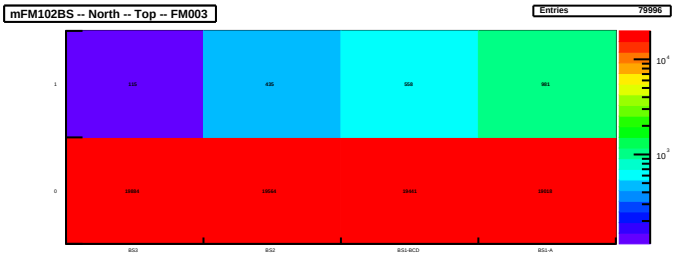

mFM101BSsim -- South -- Bottom -- FM002
Entries 7670
36
173
199
607
823
1890
3241
798
BS3
BS2
BS1-BCD
BS1-A

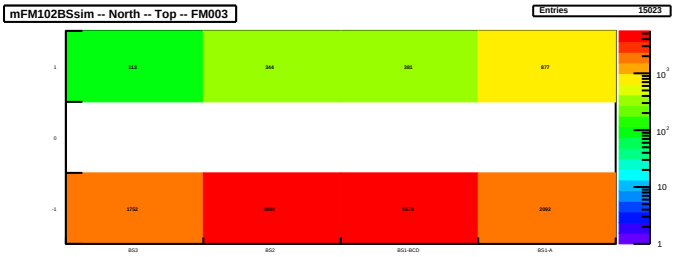

mFM101D -- South -- Bottom -- FM002
Entries 19999
D(23)

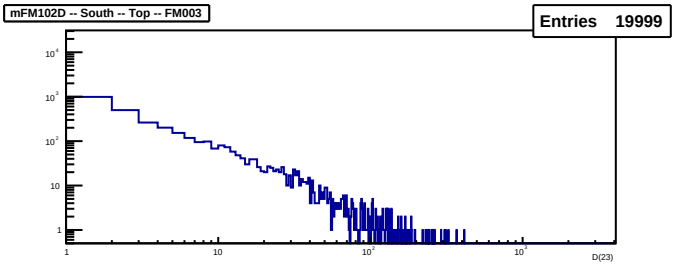

mFM101Dsim -- South -- Bottom -- FM002
Entries 13260
D(23)

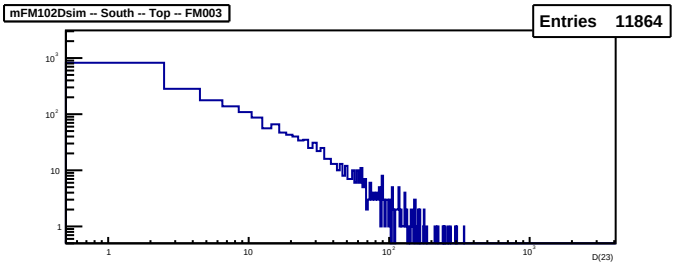

mFM101JP -- South -- Bottom -- FM002
Entries 39998
JP-AB
JP-CD

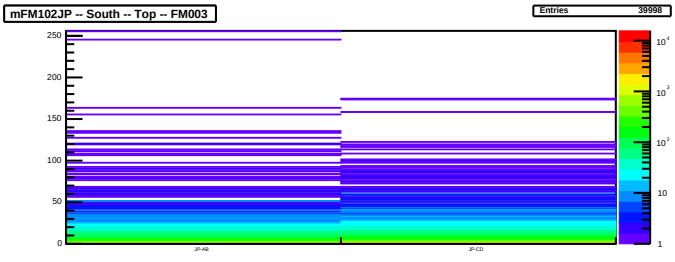

mFM101JPsim -- South -- Bottom -- FM002
Entries 29564
JP-AB
JP-CD

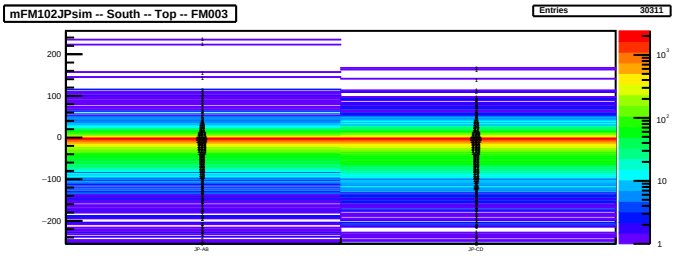

mFM102BS -- North -- Top -- FM003
Entries 79996

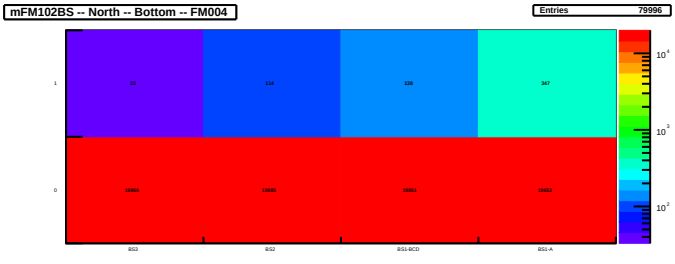

mFM102BSsim -- North -- Top -- FM003
Entries 15023

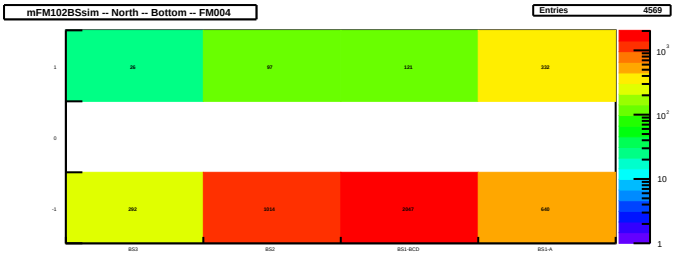

mFM102D -- South -- Top -- FM003
Entries 19999
D(23)

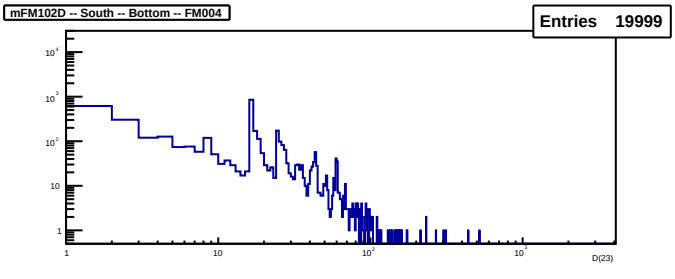

mFM102Dsim -- South -- Top -- FM003
Entries 11864
D(23)

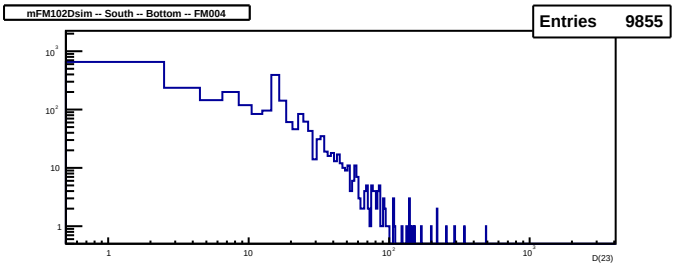

mFM102JP -- South -- Top -- FM003
Entries 39998


mFM102JPsim -- South -- Top -- FM003
Entries 30311


mFM102BS -- North -- Bottom -- FM004
Entries 79996


mFM102BSsim -- North -- Bottom -- FM004
Entries 4569


mFM102D -- South -- Bottom -- FM004
Entries 19999
D(23)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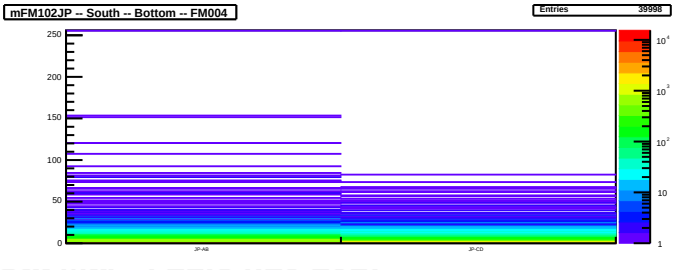
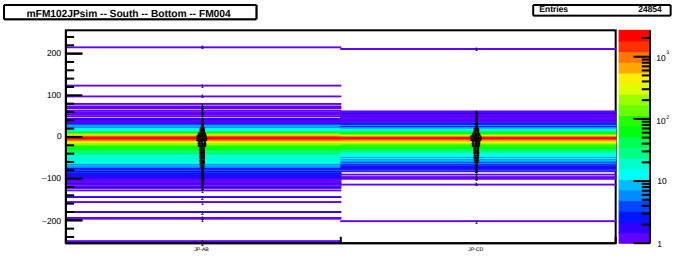
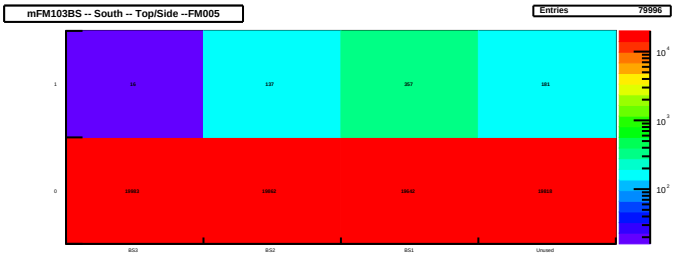
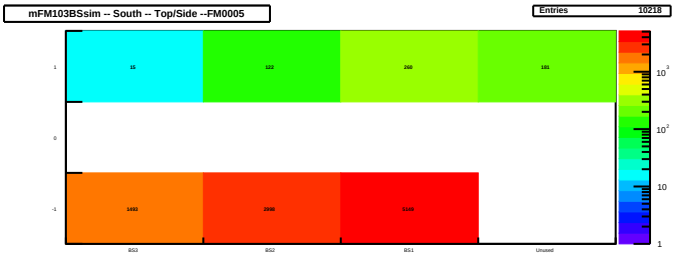
Entries 9855
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 39998


mFM102JPsim -- South -- Bottom -- FM004
Entries 24854


mFM103BS -- South -- Top/Side --FM005
Entries 79996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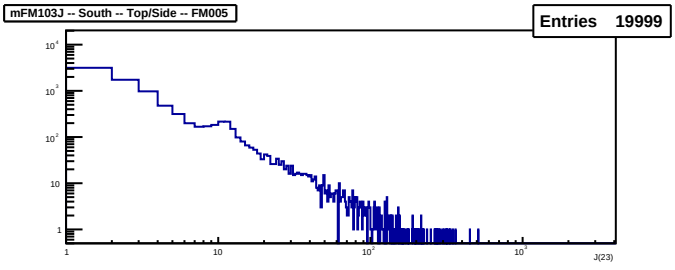
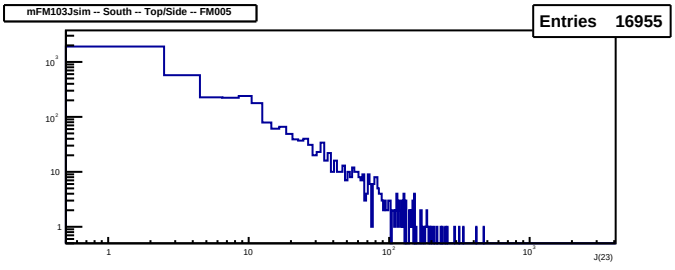
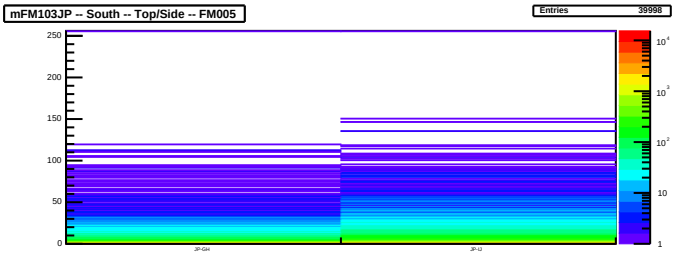
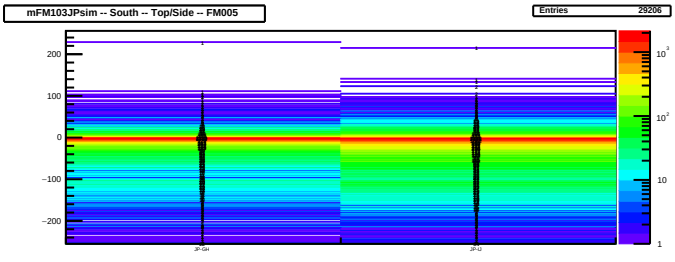
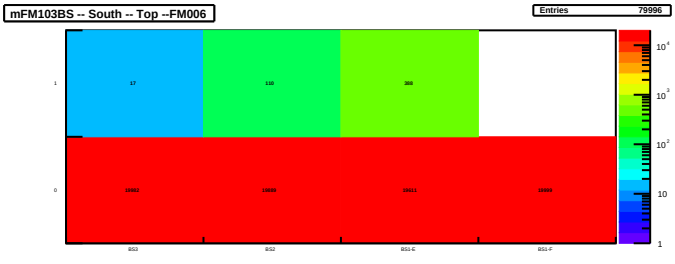
Entries 10218

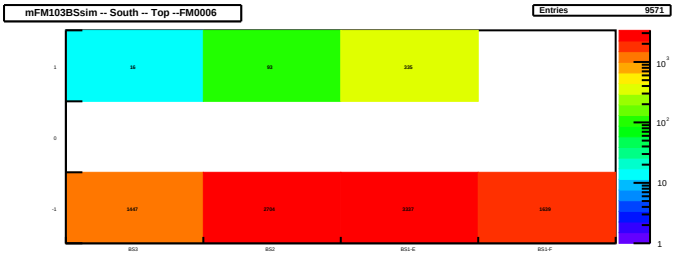

mFM103J -- South -- Top/Side -- FM005
Entries 19999
J(23)

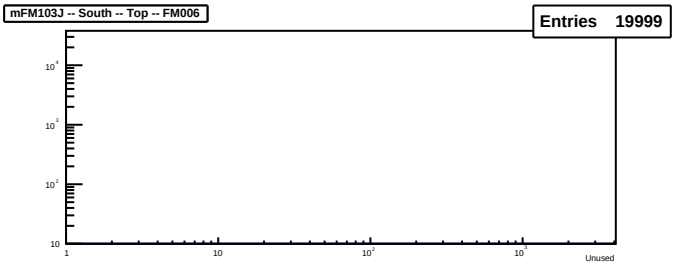

mFM103Jsim -- South -- Top/Side -- FM005
Entries 16955
J(23)

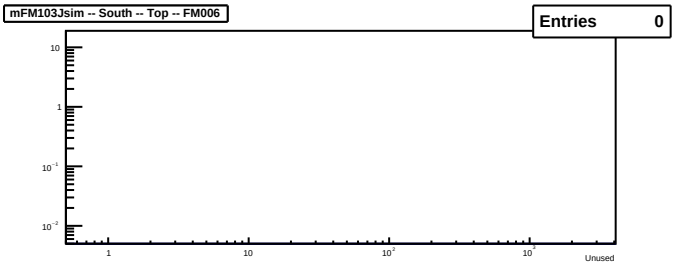

mFM103JP -- South -- Top/Side -- FM005
Entries 39998

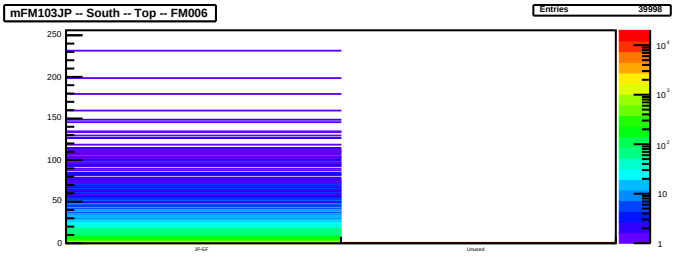

mFM103JPsim -- South -- Top/Side -- FM005
Entries 29206

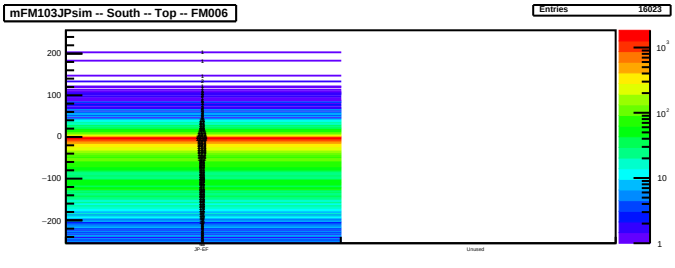

mFM103BS -- South -- Top --FM006
Entries 79996

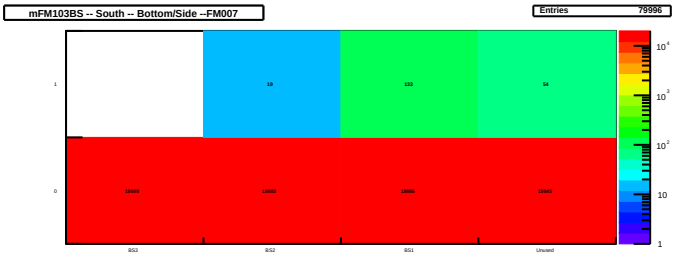

mFM103BSsim -- South -- Top --FM0006
Entries 9571

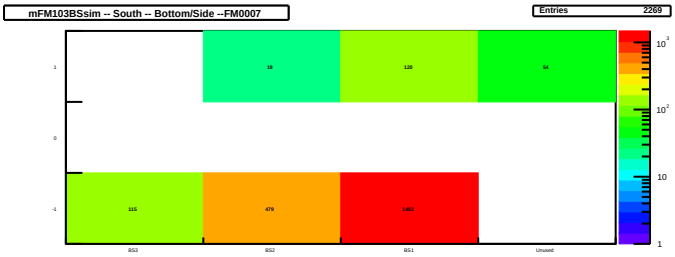

mFM103J -- South -- Top -- FM006
Entries 19999
Unused

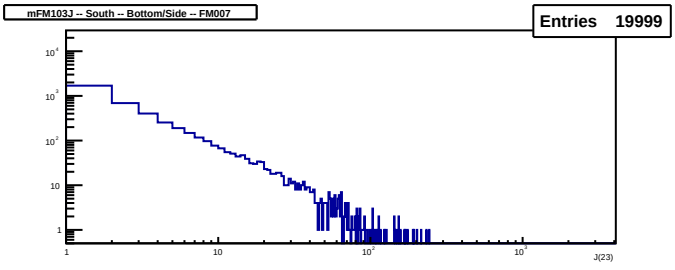

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

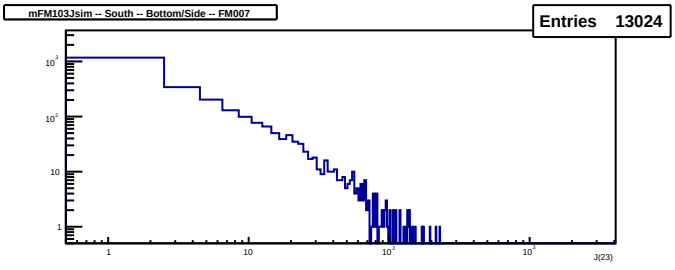

mFM103JP -- South -- Top -- FM006
Entries 39998

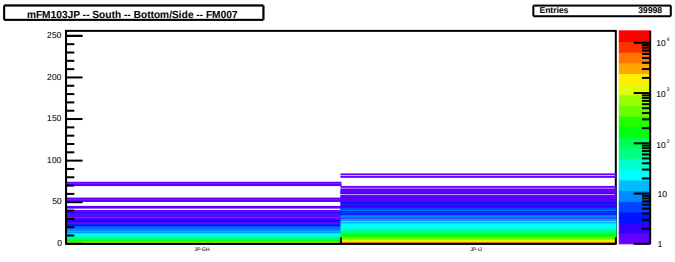

mFM103JPsim -- South -- Top -- FM006
Entries 16023

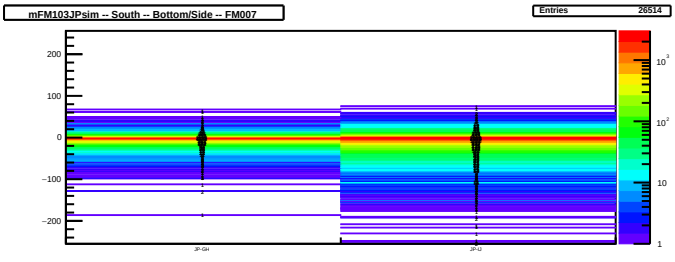

mFM103BS -- South -- Bottom/Side --FM007
Entries 79996
BS3
BS2
BS1
Unused

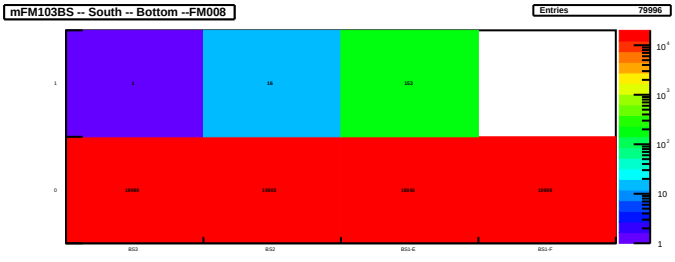

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 2269
BS3
BS2
BS1
Unused

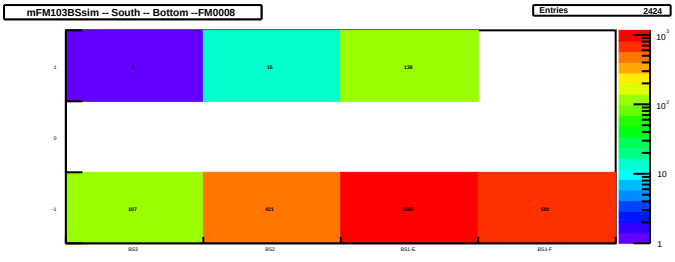

mFM103J -- South -- Bottom/Side -- FM007
Entries 19999
J(23)

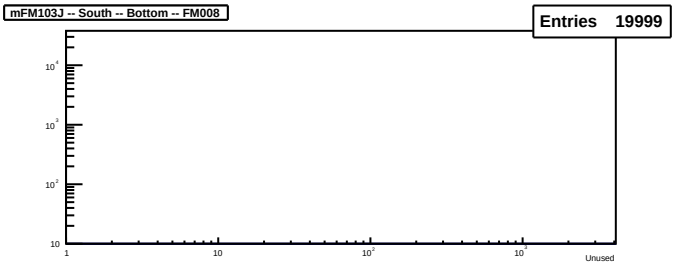

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 13024
J(23)

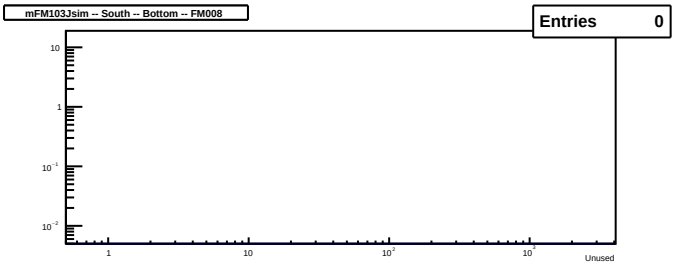

mFM103JP -- South -- Bottom/Side -- FM007
Entries 39998
JP-GH
JP-U

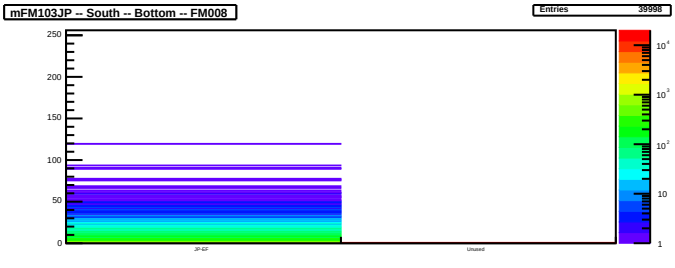

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 26514
JP-GH
JP-U

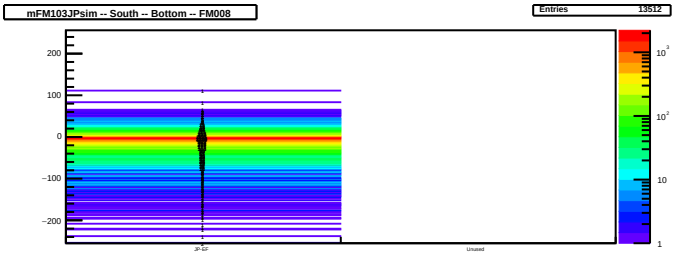

mFM103BS -- South -- Bottom --FM008
Entries 79996
BS3
BS2
BS1-E
BS1-F

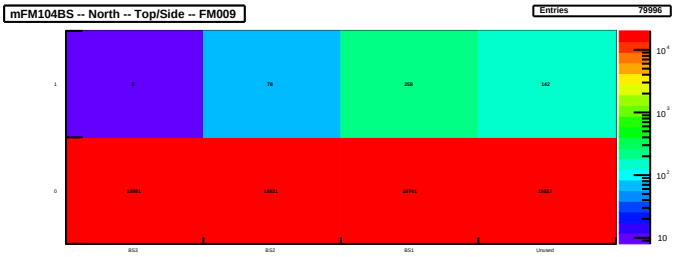

mFM103BSsim -- South -- Bottom --FM0008
Entries 2424
BS3
BS2
BS1-E
BS1-F

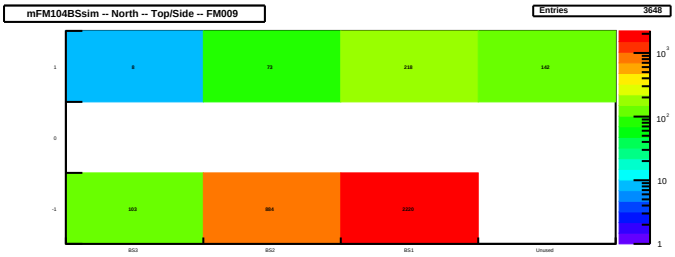

mFM103J -- South -- Bottom -- FM008
Entries 19999
Unused

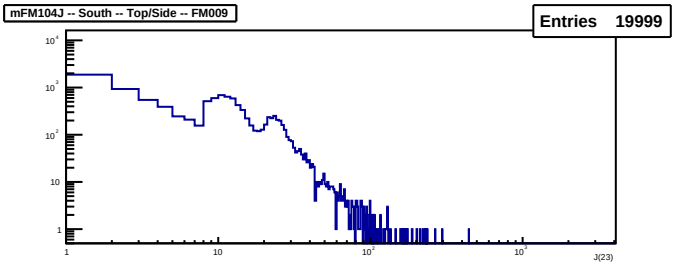

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

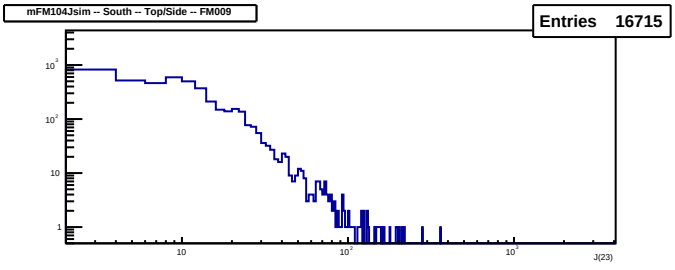

mFM103JP -- South -- Bottom -- FM008
Entries 39998
JP-EF
Unused

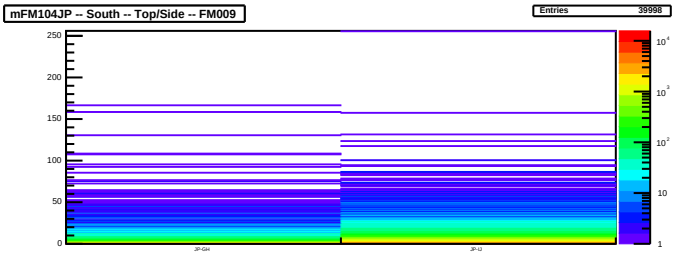

mFM103JPsim -- South -- Bottom -- FM008
Entries 13512
JP-EF
Unused

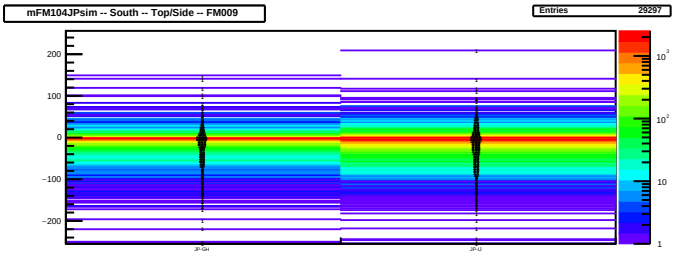

mFM104BS -- North -- Top/Side -- FM009
Entries 79996

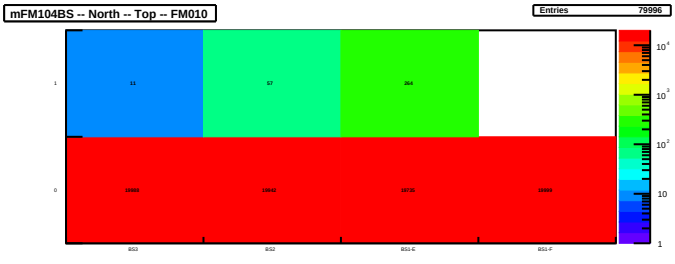

mFM104BSsim -- North -- Top/Side -- FM009
Entries 3648

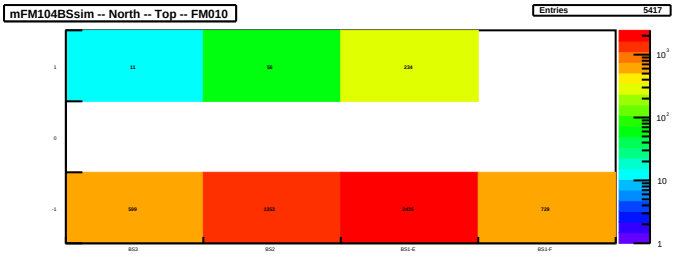

mFM104J -- South -- Top/Side -- FM009
Entries 19999
J(23)

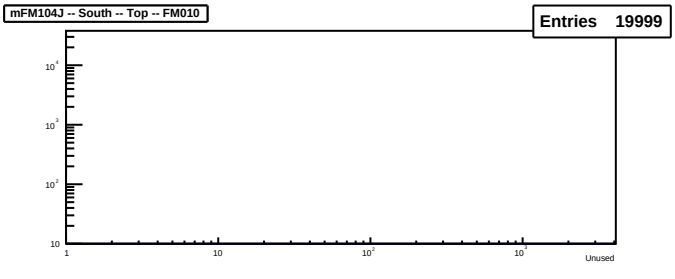

mFM104Jsim -- South -- Top/Side -- FM009
Entries 16715
J(23)

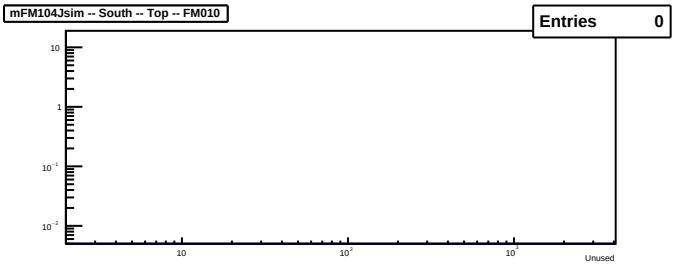

mFM104JP -- South -- Top/Side -- FM009
Entries 39998

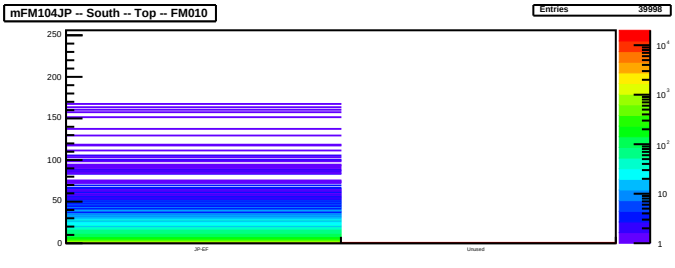

mFM104JPsim -- South -- Top/Side -- FM009
Entries 29297

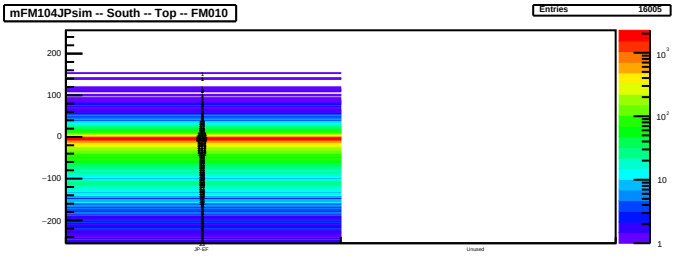

mFM104BS -- North -- Top -- FM010
Entries 79996

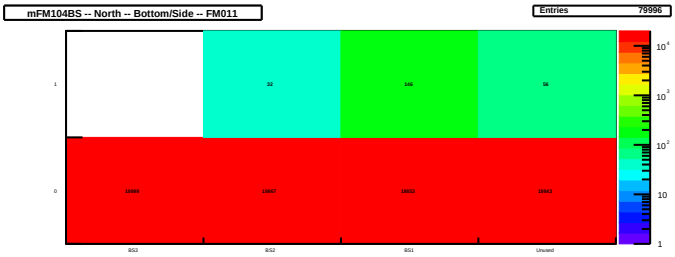

mFM104BSsim -- North -- Top -- FM010
Entries 5417

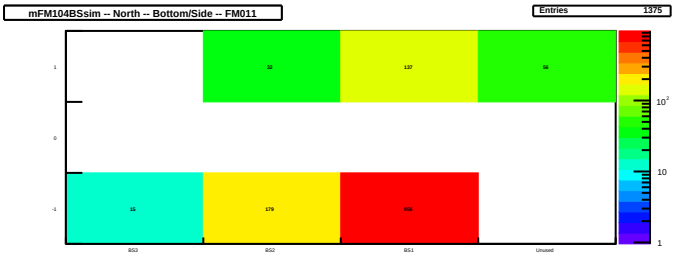

mFM104J -- South -- Top -- FM010
Entries 19999
Unused

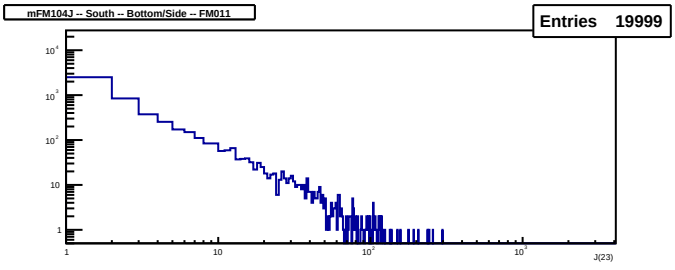

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

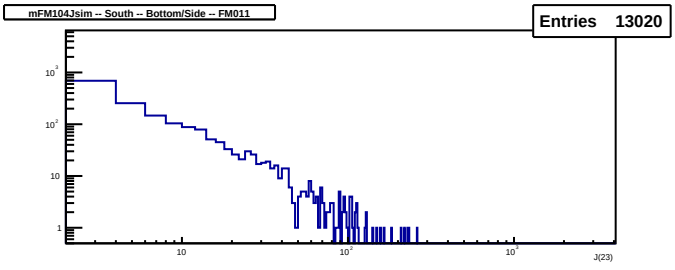

mFM104JP -- South -- Top -- FM010
Entries 39998

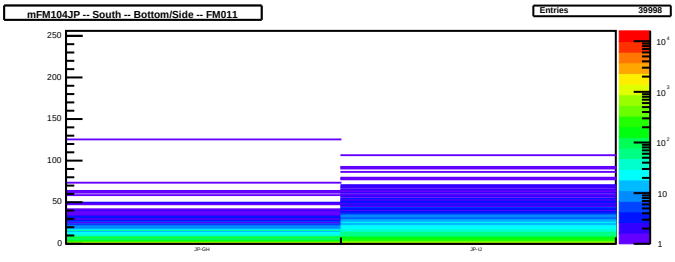

mFM104JPsim -- South -- Top -- FM010
Entries 16005

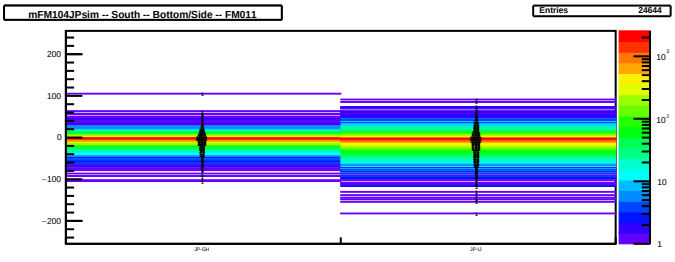

mFM104BS -- North -- Bottom/Side -- FM011
Entries 79996

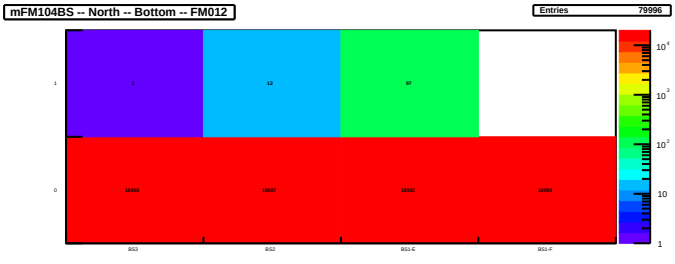

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1375

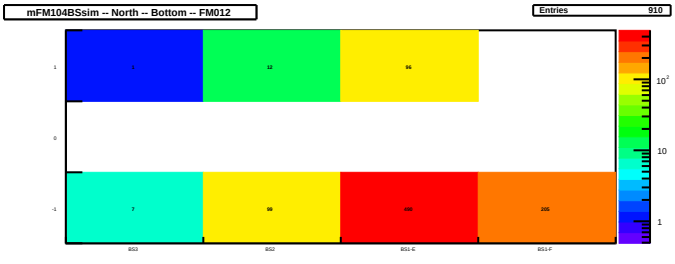

mFM104J -- South -- Bottom/Side -- FM011
Entries 19999
J(23)

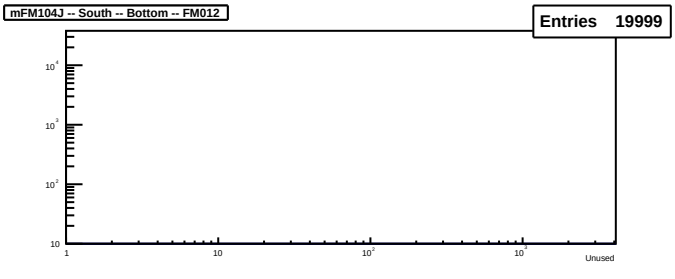

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 13020
J(23)

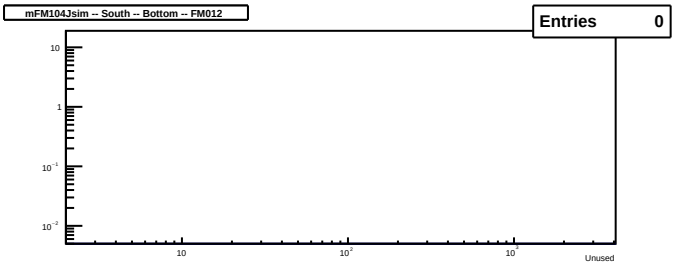

mFM104JP -- South -- Bottom/Side -- FM011
Entries 39998

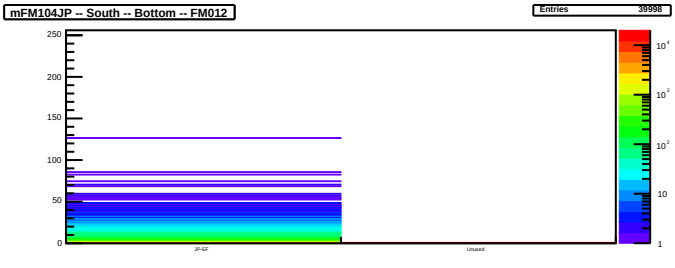

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 24644

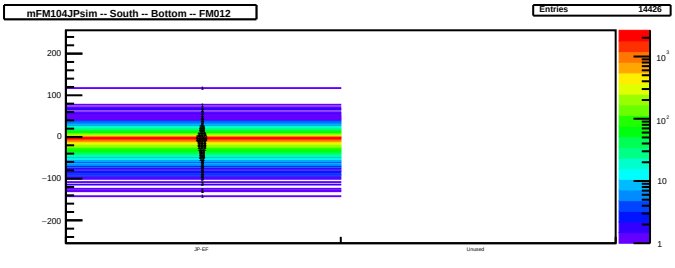

mFM104BS -- North -- Bottom -- FM012
Entries 79996

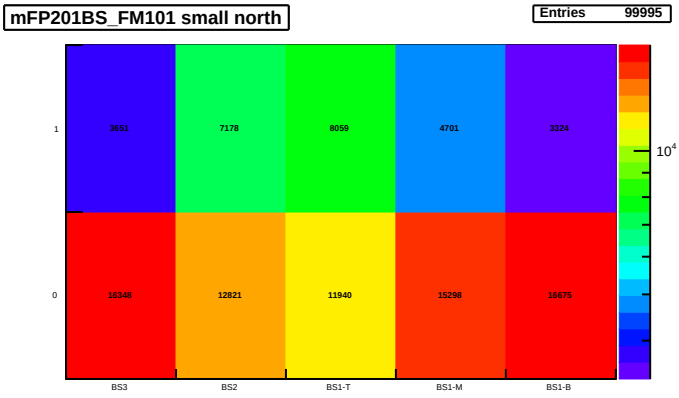

mFM104BSsim -- North -- Bottom -- FM012
Entries 910

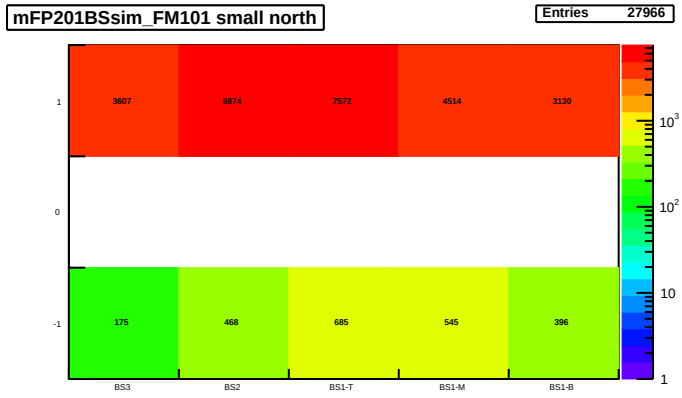

mFM104J -- South -- Bottom -- FM012
Entries 19999
Unused

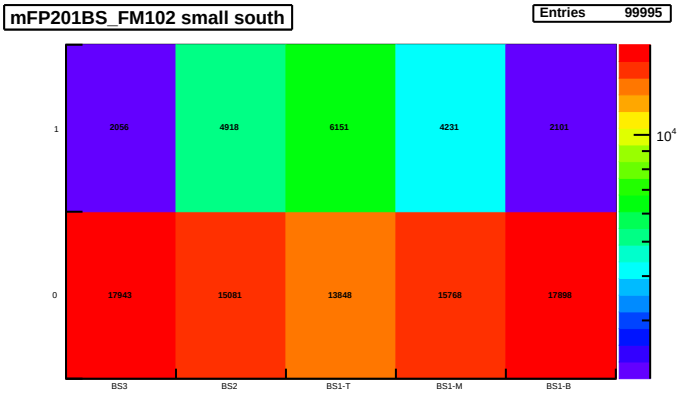

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

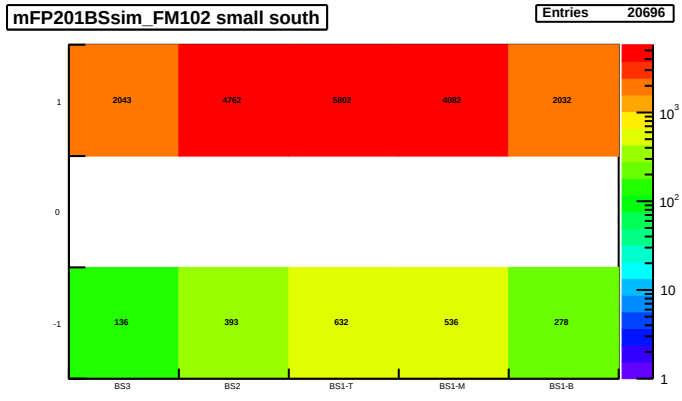

mFM104JP -- South -- Bottom -- FM012
Entries 39998

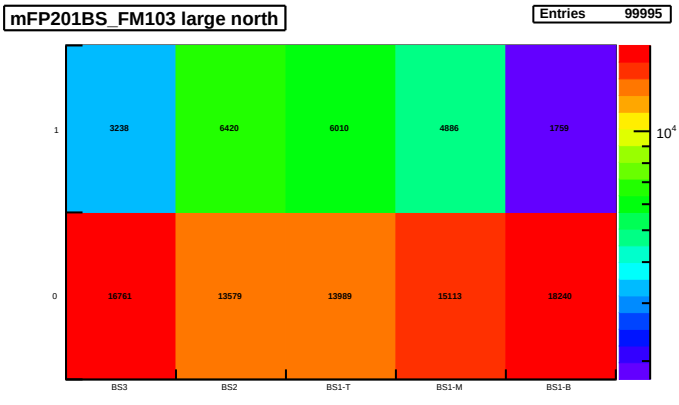

mFM104JPsim -- South -- Bottom -- FM012
Entries 14426

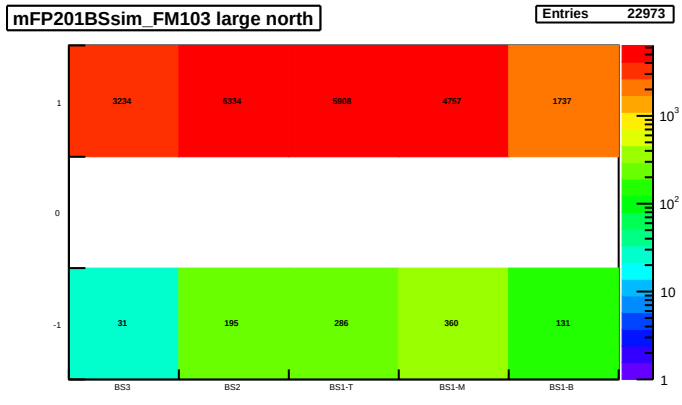

mFP201BS_FM101 small north
Entries 99995
1
0
3651
7178
8059
4701
3324
16348
12821
11940
15298
16675
BS3
BS2
BS1-T
BS1-M
BS1-B
10^4

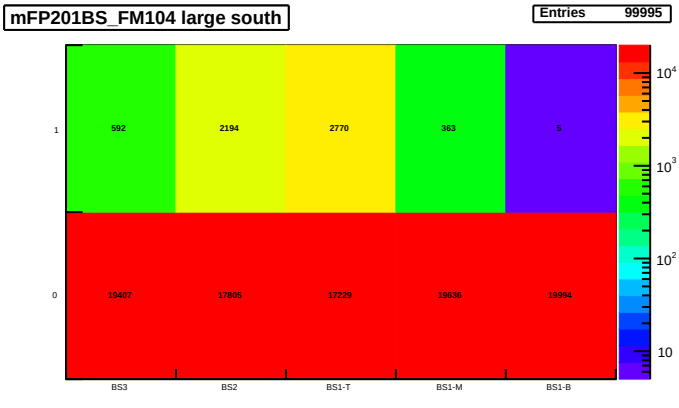

mFP201BSsim_FM101 small north
Entries 27966
1
0
-1
3607
6874
7572
4514
3130
175
468
685
545
396
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2
10
1

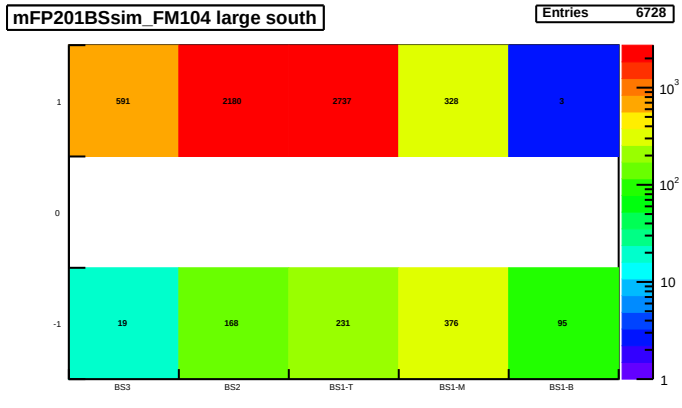

mFP201BS_FM102 small south
Entries 99995
1
0
2056
4918
6151
4231
2101
17943
15081
13848
15768
17898
BS3
BS2
BS1-T
BS1-M
BS1-B
10^4

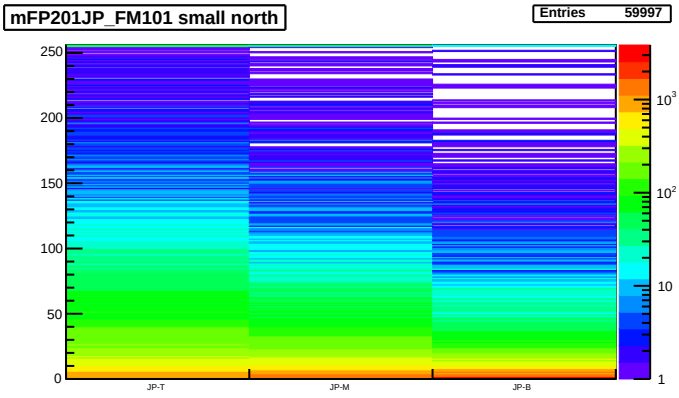

mFP201BSsim_FM102 small south
Entries 20696
1
0
-1
2043
4762
5802
4082
2032
136
393
632
536
278
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2
10
1

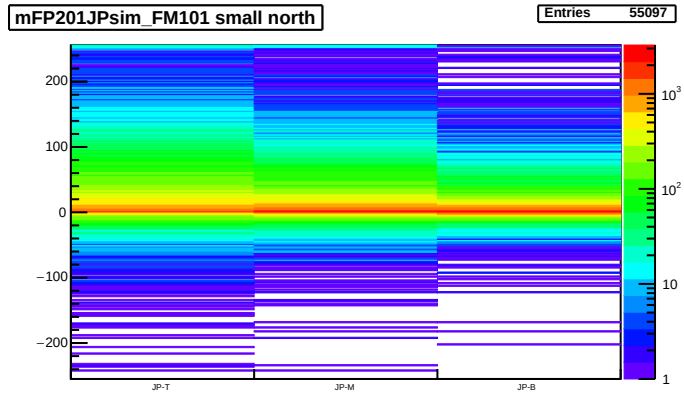

mFP201BS_FM103 large north
Entries 99995
1
0
3238
6420
6010
4886
1759
16761
13579
13989
15113
18240
BS3
BS2
BS1-T
BS1-M
BS1-B
10^4

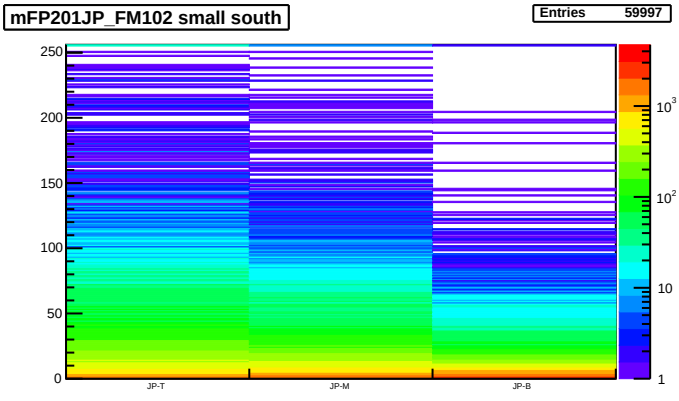

mFP201BSsim_FM103 large north
Entries 22973
1
0
-1
3234
6334
5908
4757
1737
31
195
286
360
131
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2
10
1

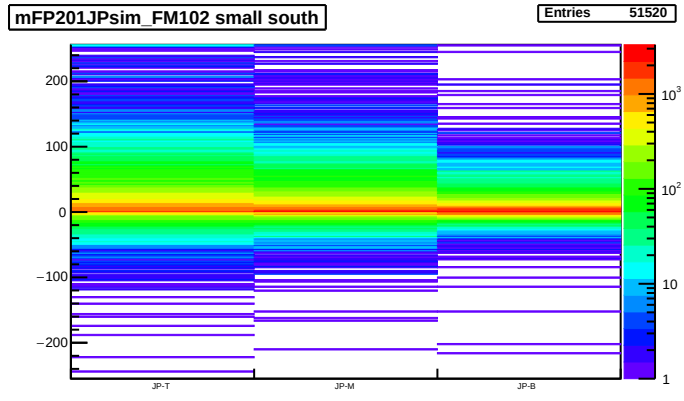

mFP201BS_FM104 large south
Entries 99995
1
0
592
2194
2770
363
5
19407
17805
17229
19636
19994
BS3
BS2
BS1-T
BS1-M
BS1-B
10^4
10^3
10^2
10

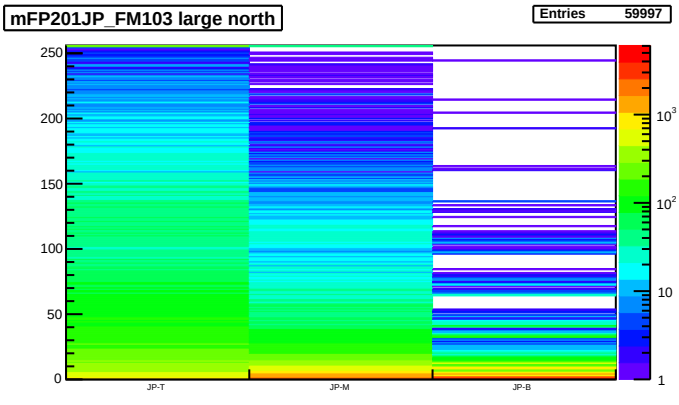

mFP201BSsim_FM104 large south
Entries 6728
1
0
-1
591
2180
2737
328
3
19
168
231
376
95
BS3
BS2
BS1-T
BS1-M
BS1-B
10^3
10^2
10
1

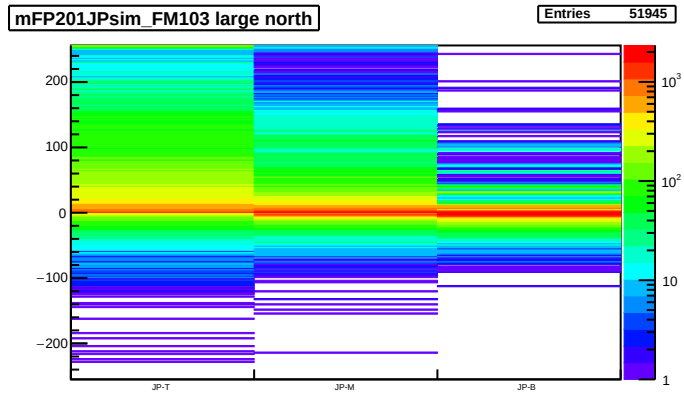

mFP201JP_FM101 small north
Entries 59997
JP-T
JP-M
JP-B

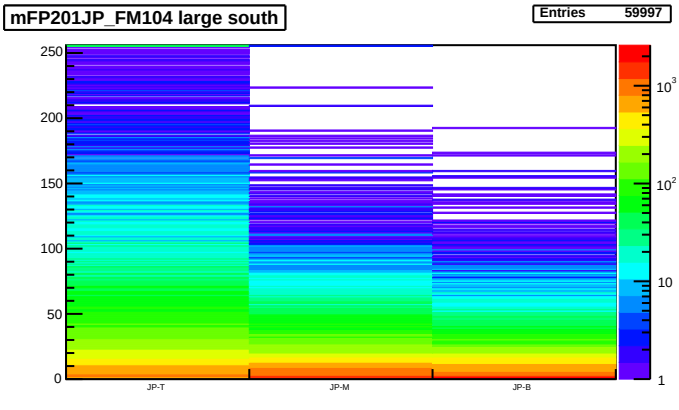

mFP201JPsim_FM101 small north
Entries 55097
JP-T
JP-M
JP-B

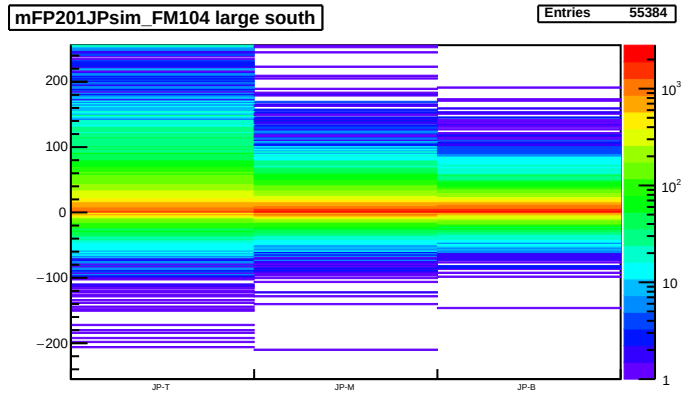

mFP201JP_FM102 small south
Entries 59997
JP-T
JP-M
JP-B

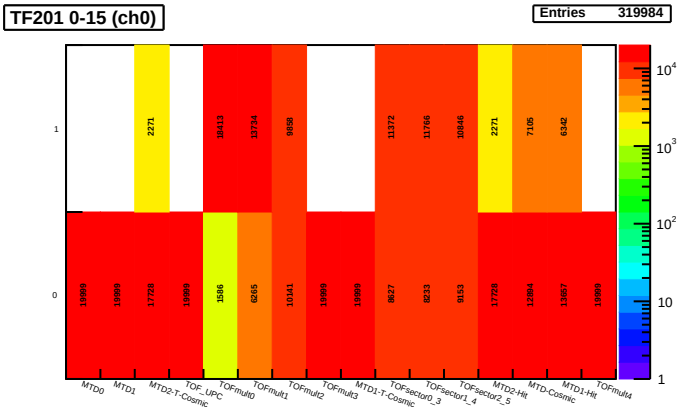

mFP201JPsim_FM102 small south
Entries 51520
JP-T
JP-M
JP-B

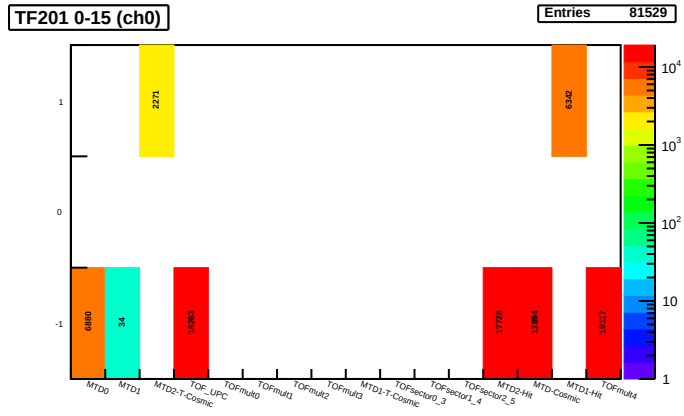

mFP201JP_FM103 large north
Entries 59997
JP-T
JP-M
JP-B

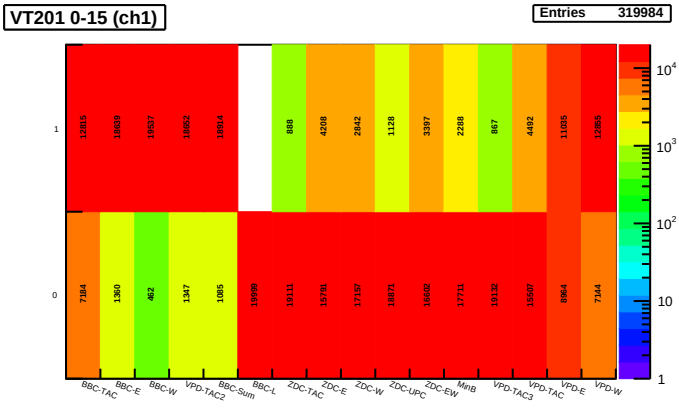

mFP201JPsim_FM103 large north
Entries 51945
JP-T
JP-M
JP-B

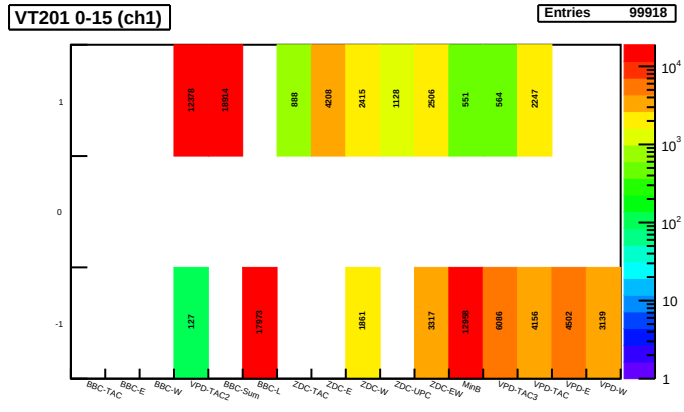

mFP201JP_FM104 large south
Entries 59997
JP-T
JP-M
JP-B

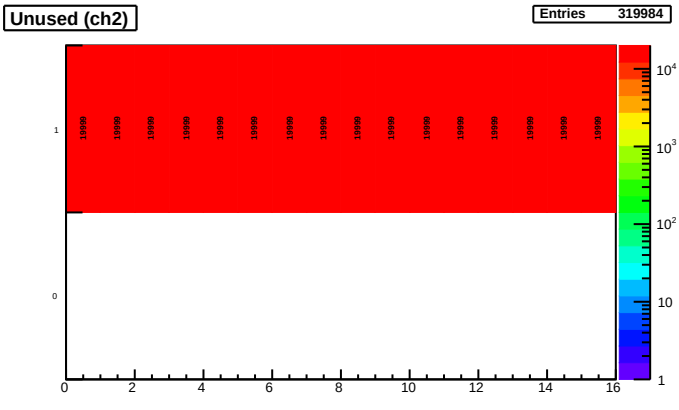

mFP201JPsim_FM104 large south
Entries 55384
JP-T
JP-M
JP-B

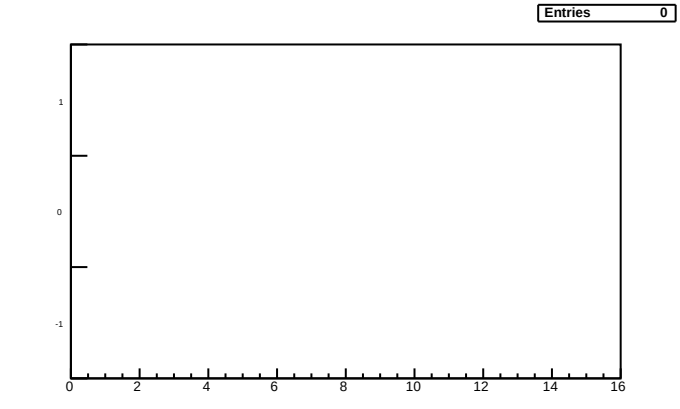

TF201 0-15 (ch0)
Entries 319984
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

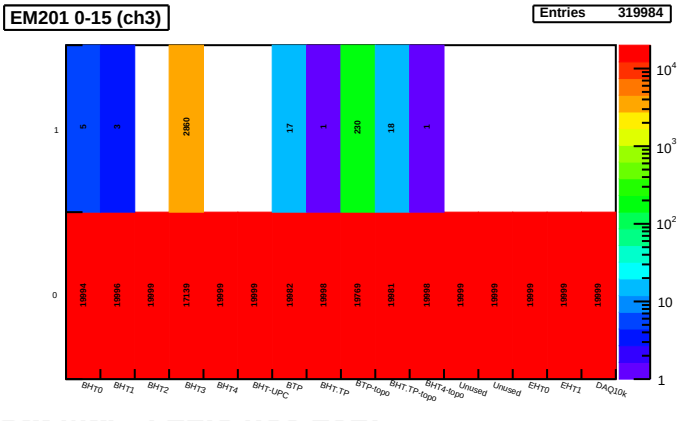

TF201 0-15 (ch0)
Entries 81529
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

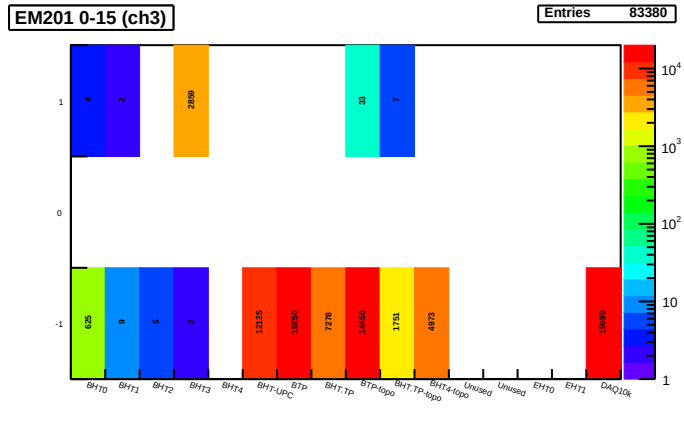

VT201 0-15 (ch1)
Entries 319984
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

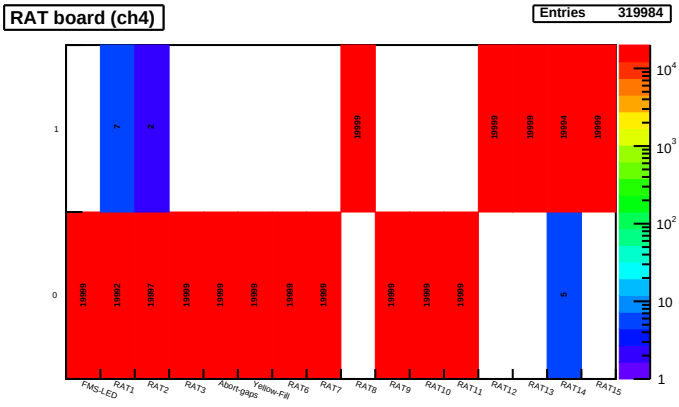

VT201 0-15 (ch1)
Entries 99918
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

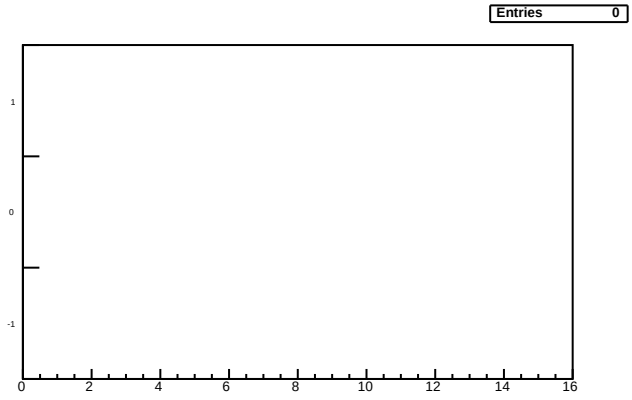

Unused (ch2)
Entries 319984

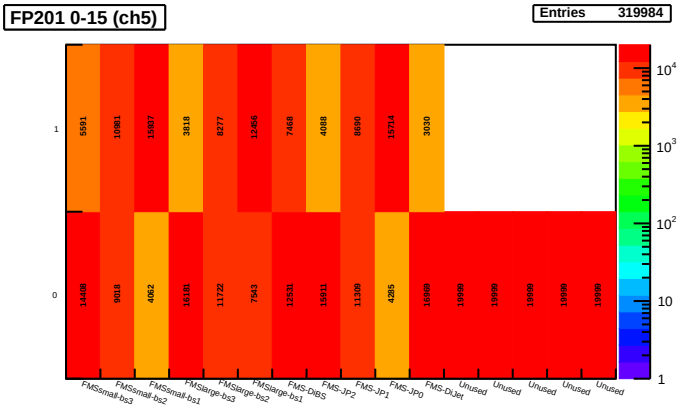

Entries 0

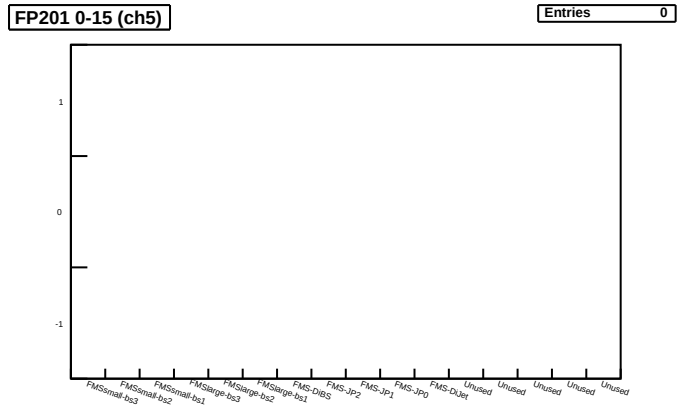

EM201 0-15 (ch3)
Entries 319984
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

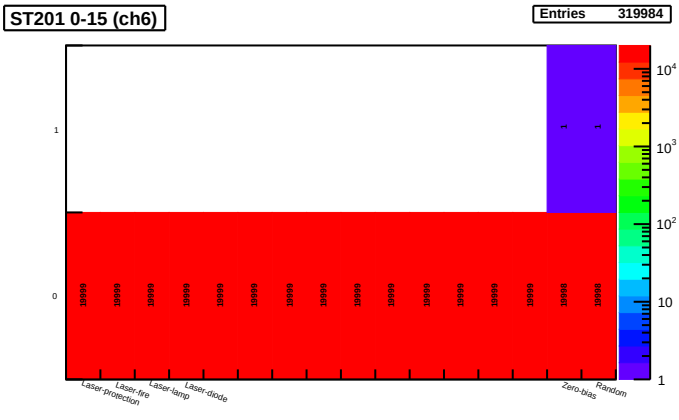

EM201 0-15 (ch3)
Entries 83380
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

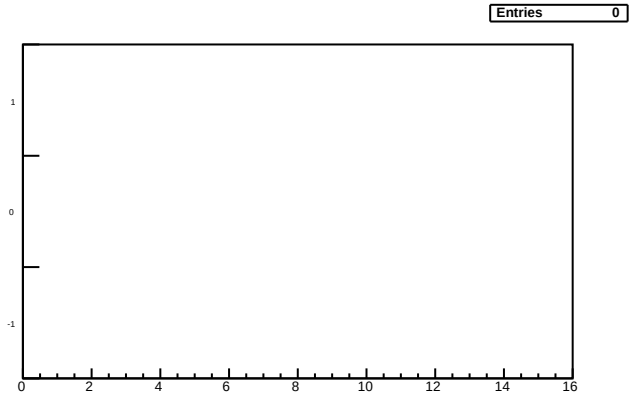

RAT board (ch4)
Entries 319984
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15


Entries 0


FP201 0-15 (ch5)
Entries 319984
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


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


ST201 0-15 (ch6)
Entries 319984
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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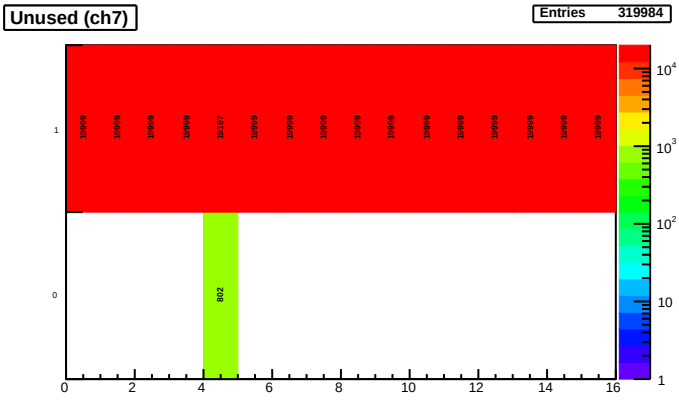
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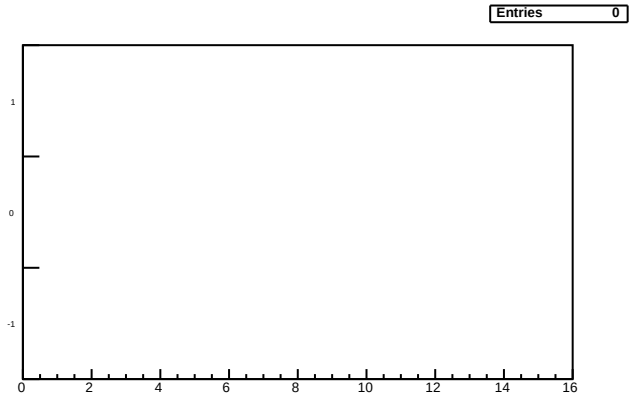
Entries 0