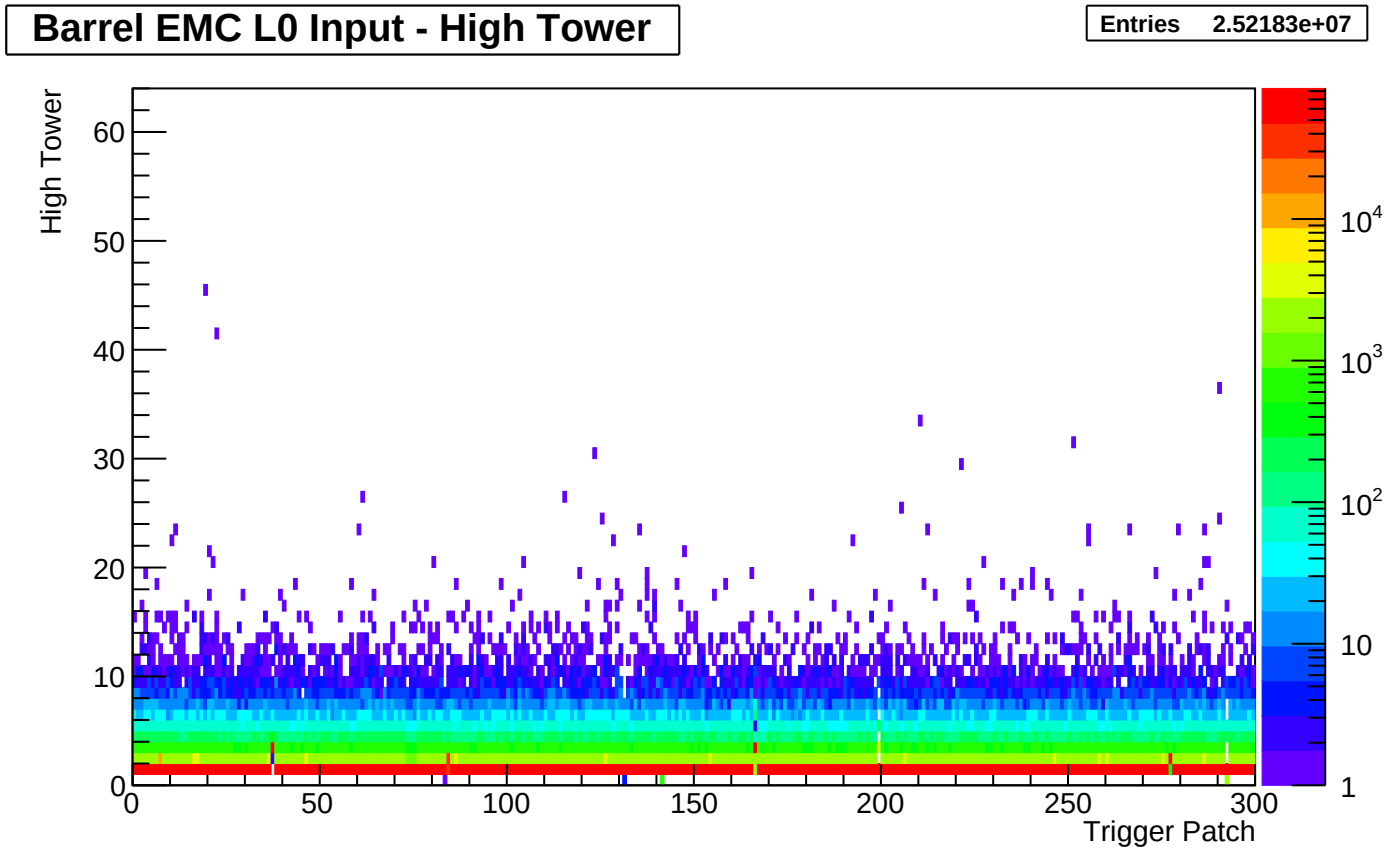
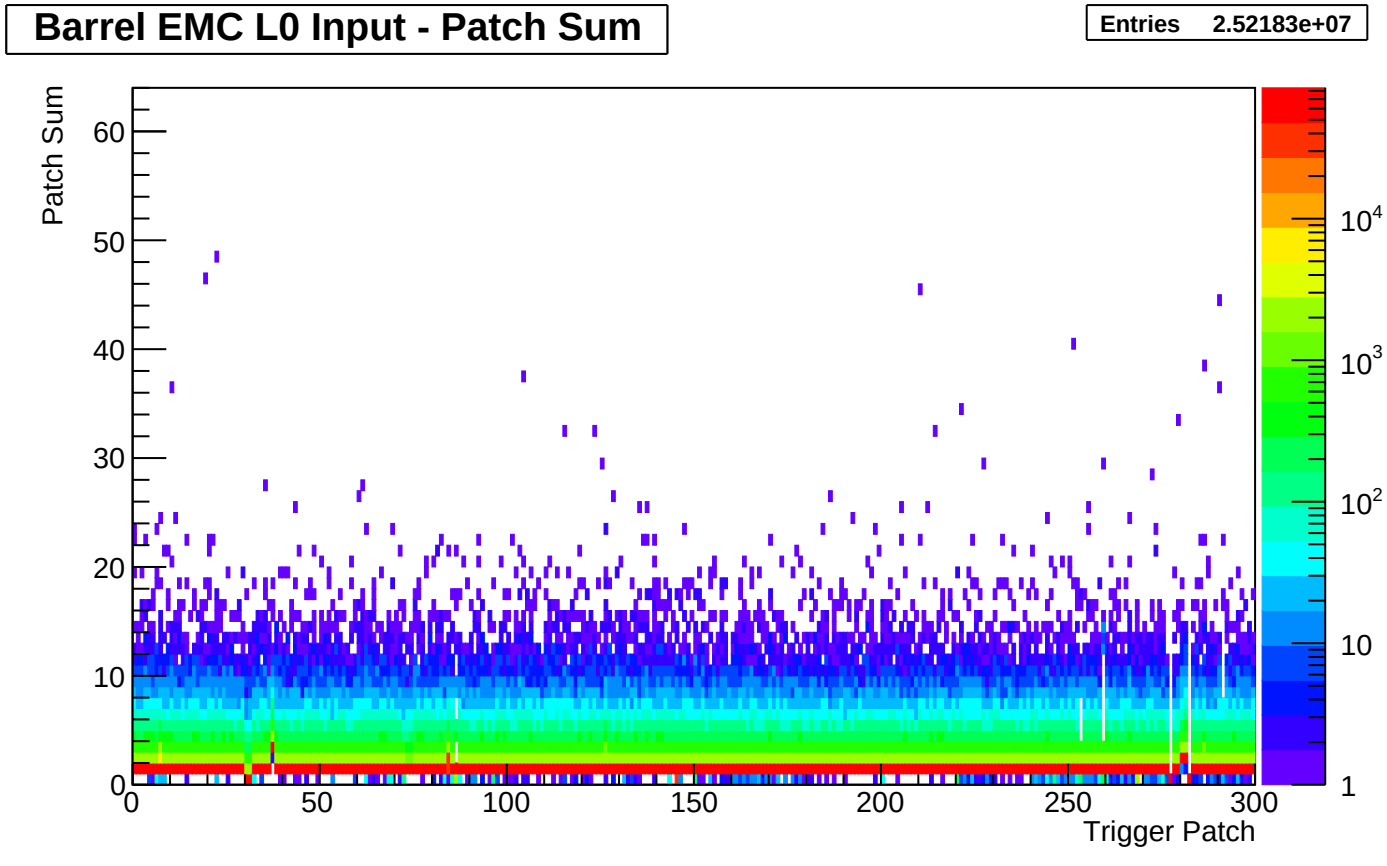
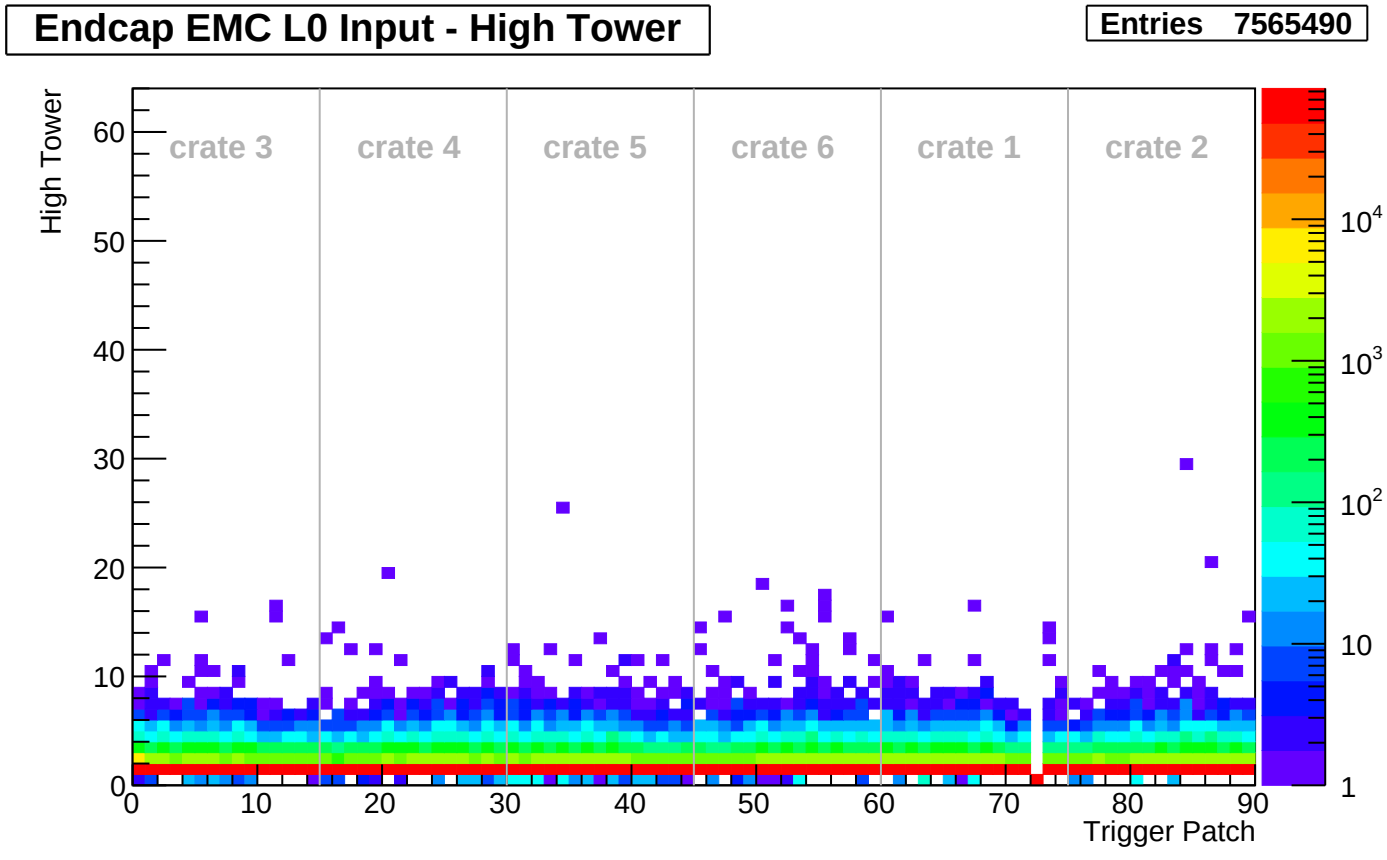
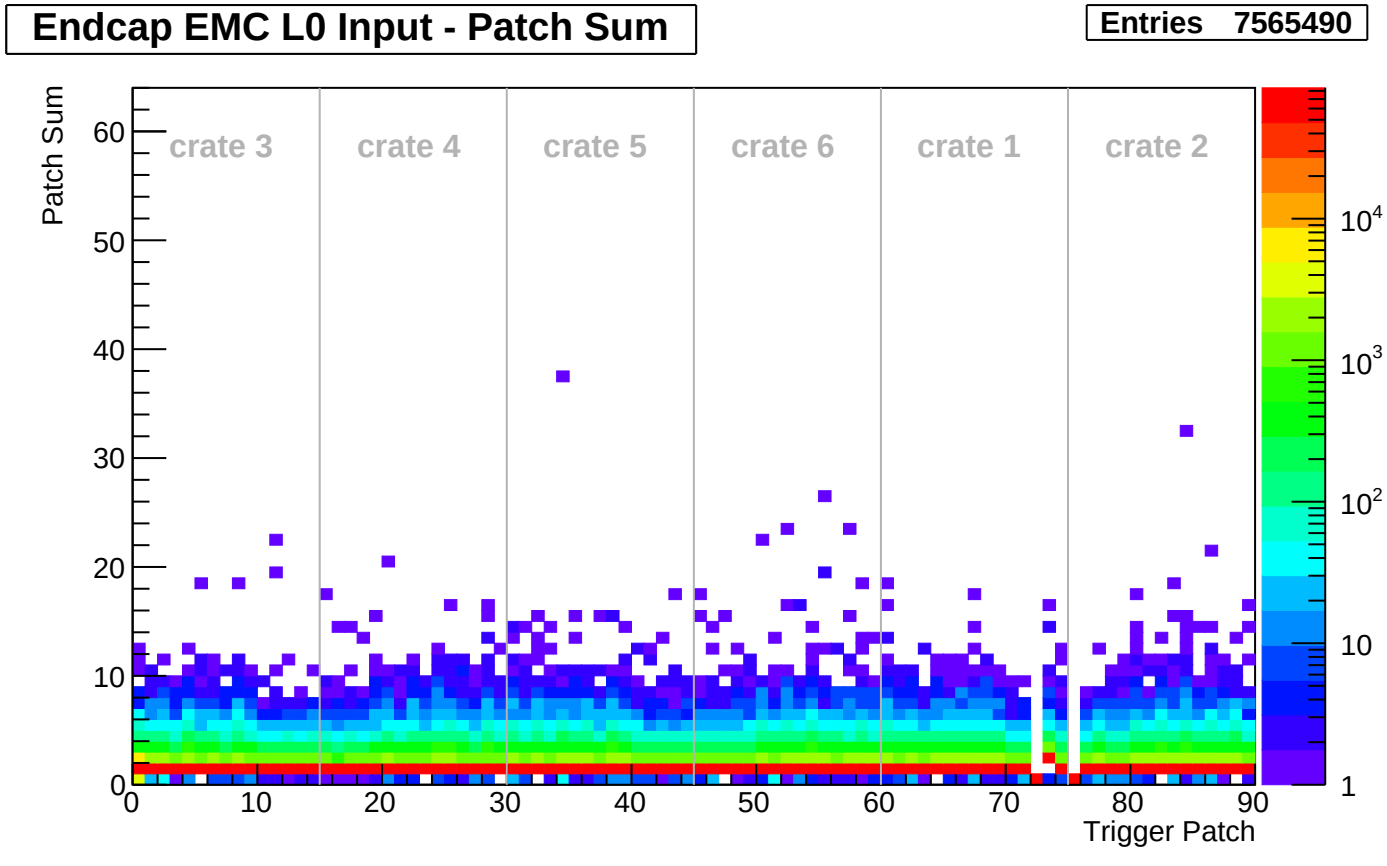
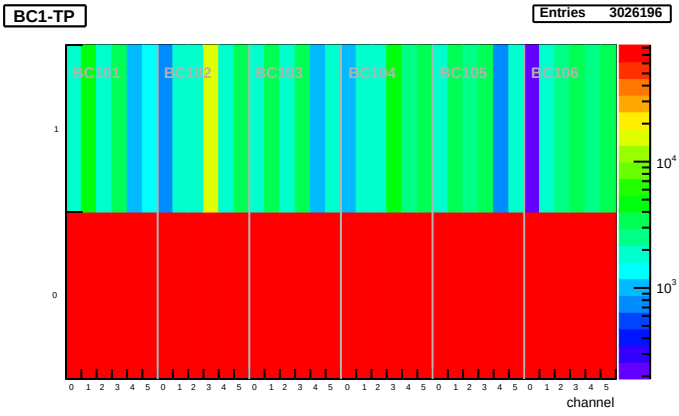
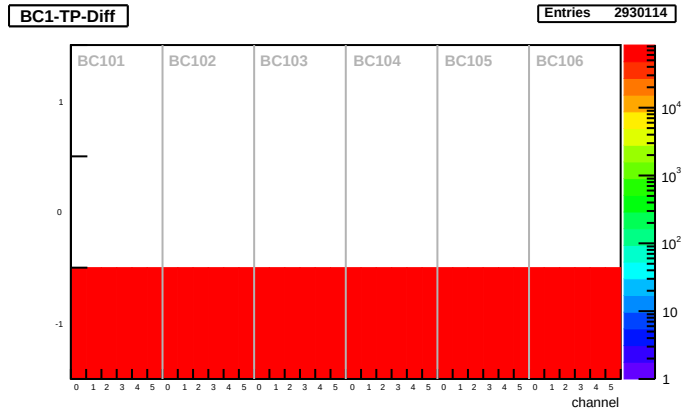

Barrel EMC L0 Input - High Tower
Entries 2.52183e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

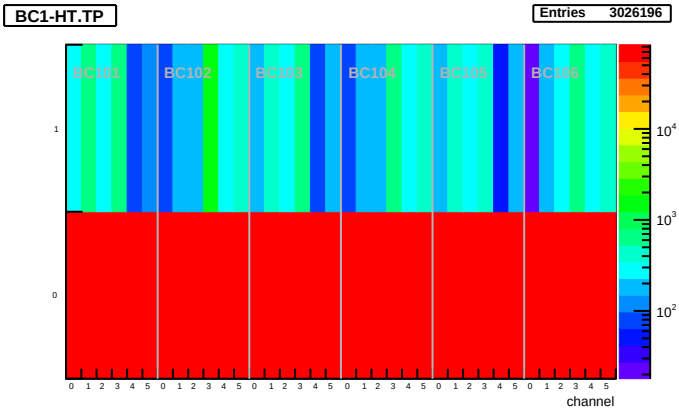

Barrel EMC L0 Input - Patch Sum
Entries 2.52183e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

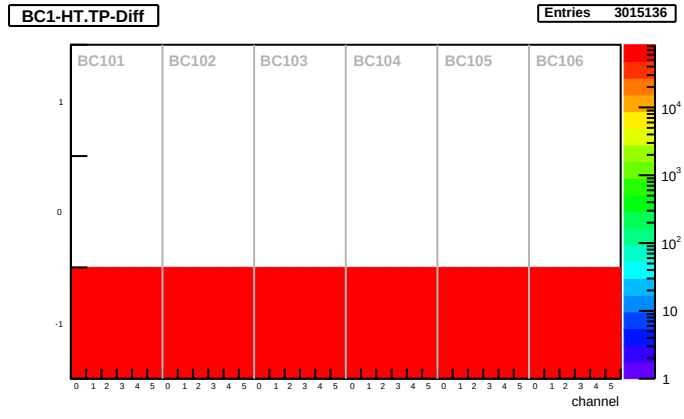

Endcap EMC L0 Input - High Tower
Entries 7565490
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3
10^4

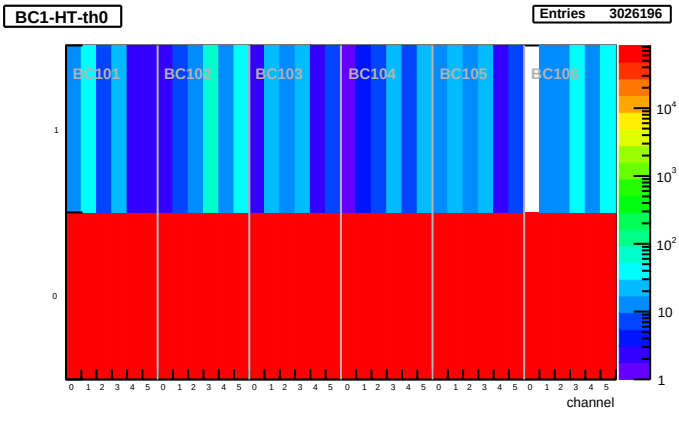

Endcap EMC L0 Input - Patch Sum
Entries 7565490
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3
10^4

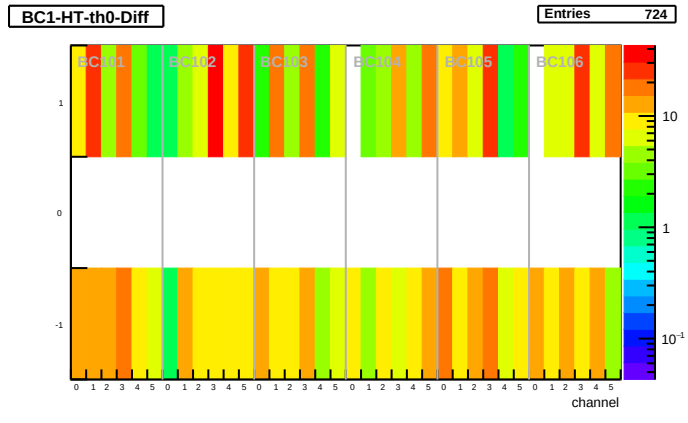

BC1-TP
Entries 3026196
BC101
BC102
BC103
BC104
BC105
BC106
channel

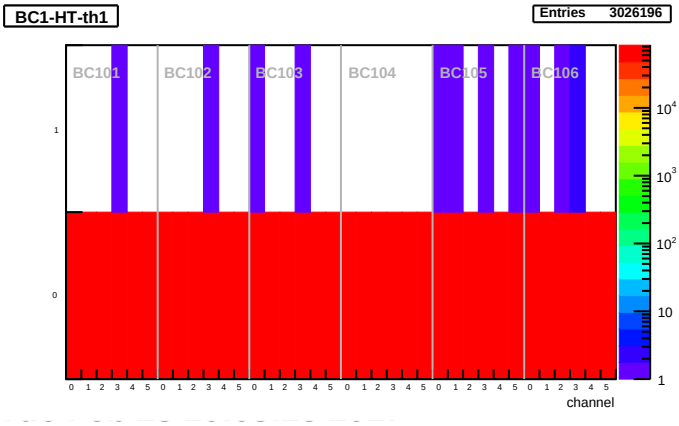

BC1-TP-Diff
Entries 2930114
BC101
BC102
BC103
BC104
BC105
BC106
channel

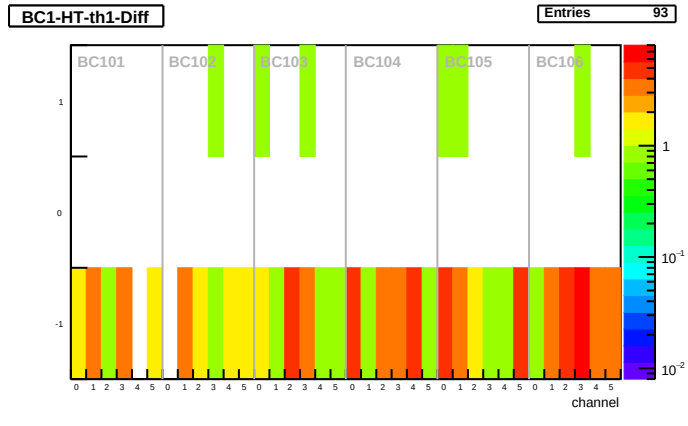

BC1-HT.TP
Entries 3026196
BC101
BC102
BC103
BC104
BC105
BC106
channel

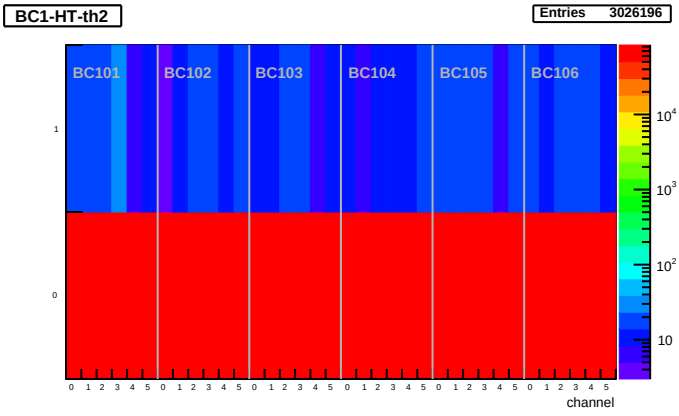

BC1-HT.TP-Diff
Entries 3015136
BC101
BC102
BC103
BC104
BC105
BC106
channel

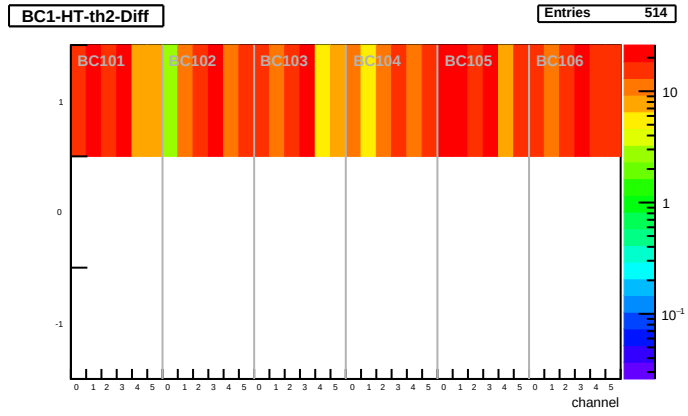

BC1-HT-th0
Entries 3026196
BC101
BC102
BC103
BC104
BC105
BC106
channel

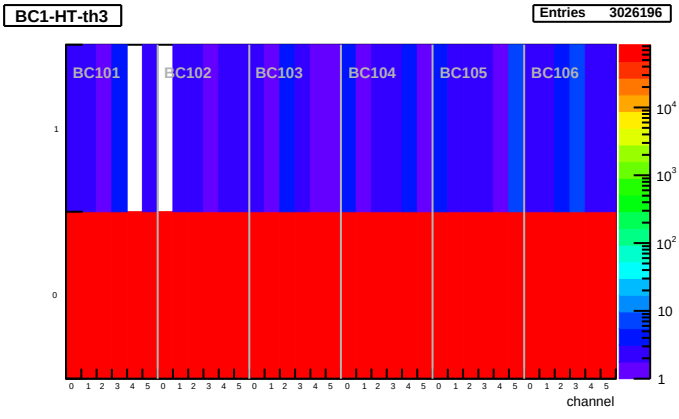

BC1-HT-th0-Diff
Entries 724
BC101
BC102
BC103
BC104
BC105
BC106
channel

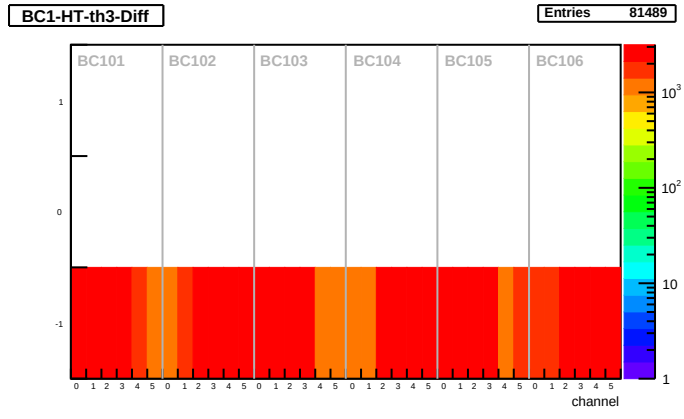

BC1-HT-th1
Entries 3026196
BC101
BC102
BC103
BC104
BC105
BC106
channel

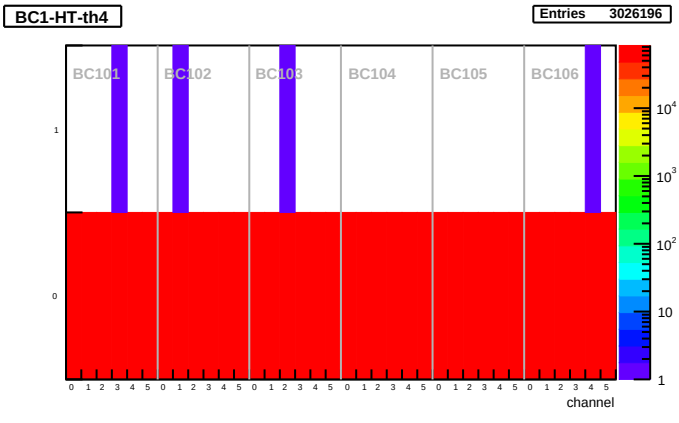

BC1-HT-th1-Diff
Entries 93
BC101
BC102
BC103
BC104
BC105
BC106
channel

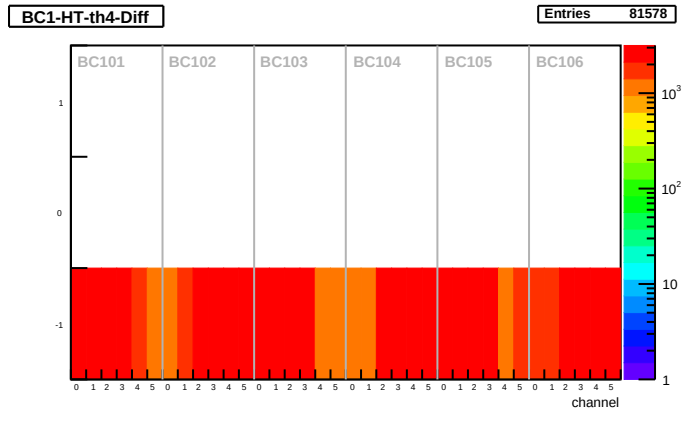

BC1-HT-th2
Entries 3026196
BC101
BC102
BC103
BC104
BC105
BC106
channel

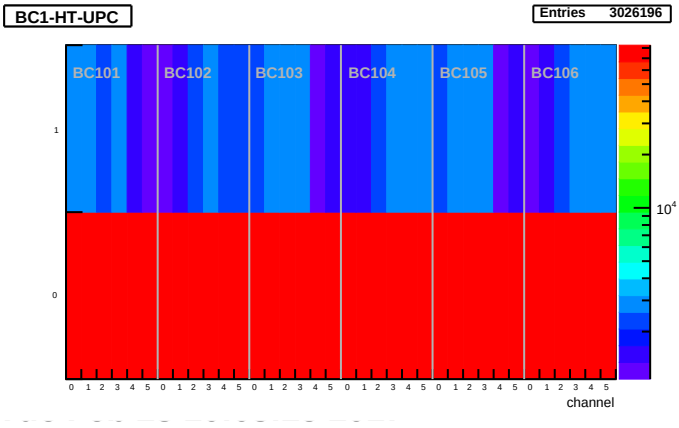

BC1-HT-th2-Diff
Entries 514
BC101
BC102
BC103
BC104
BC105
BC106
channel

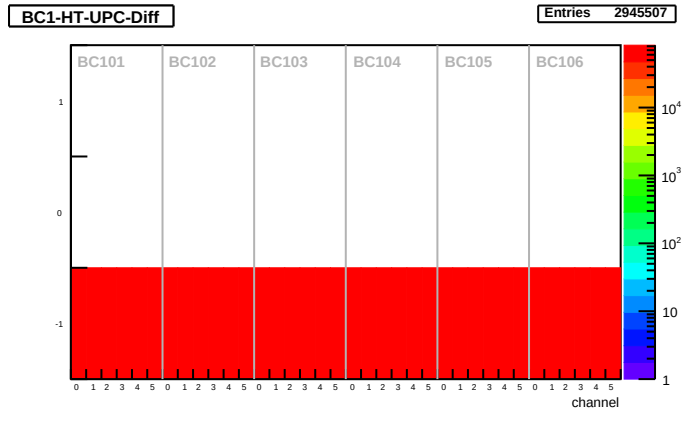

BC1-HT-th3
Entries 3026196
BC101
BC102
BC103
BC104
BC105
BC106
channel

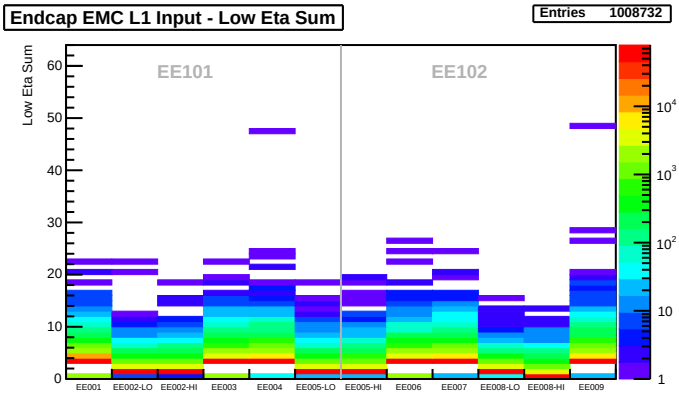

BC1-HT-th3-Diff
Entries 81489
BC101
BC102
BC103
BC104
BC105
BC106
channel

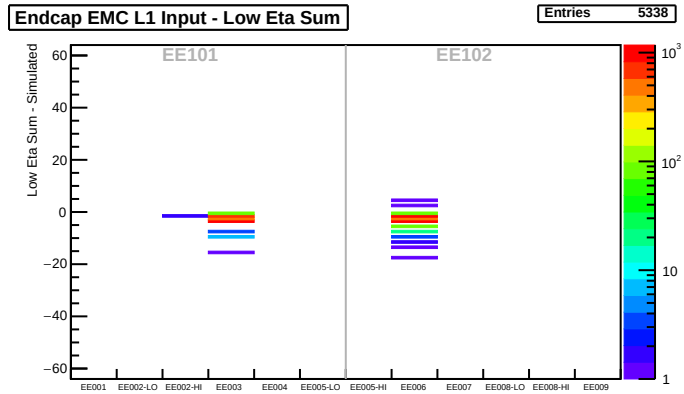

BC1-HT-th4
Entries 3026196
BC101
BC102
BC103
BC104
BC105
BC106
channel

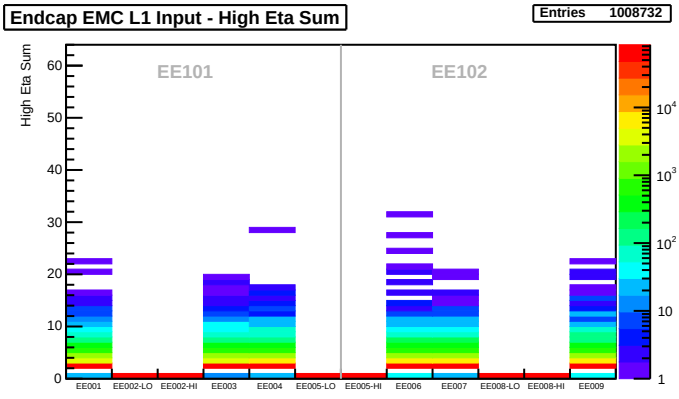

BC1-HT-th4-Diff
Entries 81578
BC101
BC102
BC103
BC104
BC105
BC106
channel

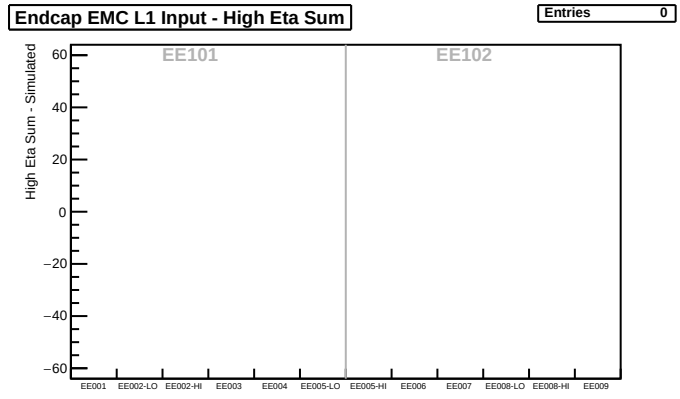

BC1-HT-UPC
Entries 3026196
BC101
BC102
BC103
BC104
BC105
BC106
channel

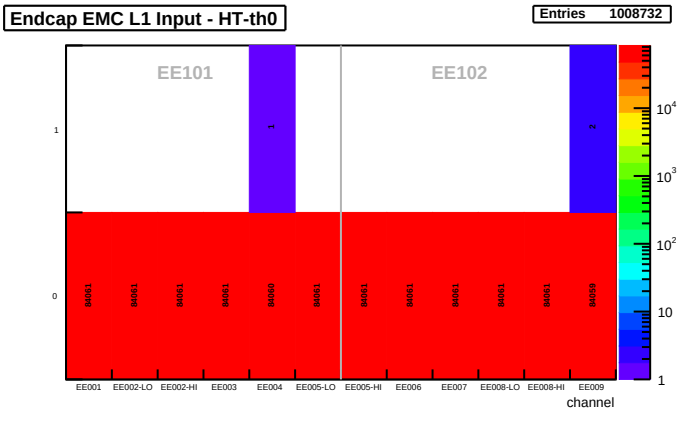

BC1-HT-UPC-Diff
Entries 2945507
BC101
BC102
BC103
BC104
BC105
BC106
channel

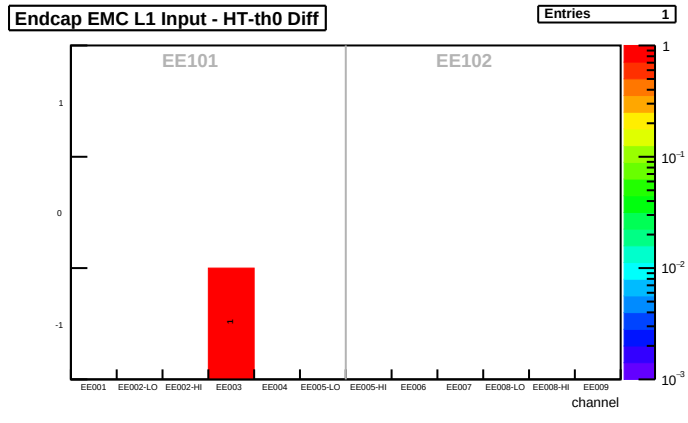

Endcap EMC L1 Input - Low Eta Sum
Entries 1008732
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

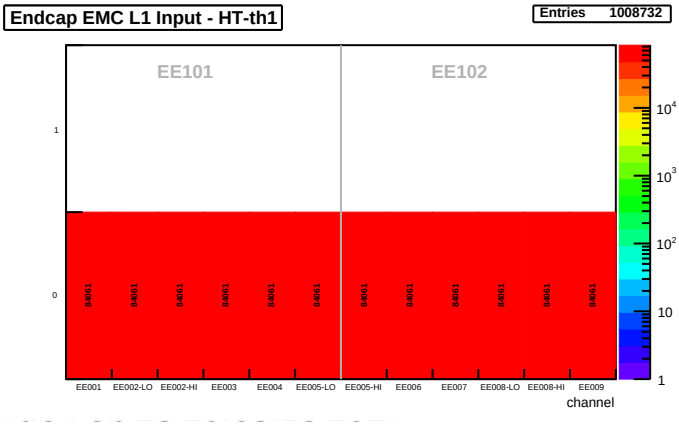

Endcap EMC L1 Input - Low Eta Sum
Entries 5338
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

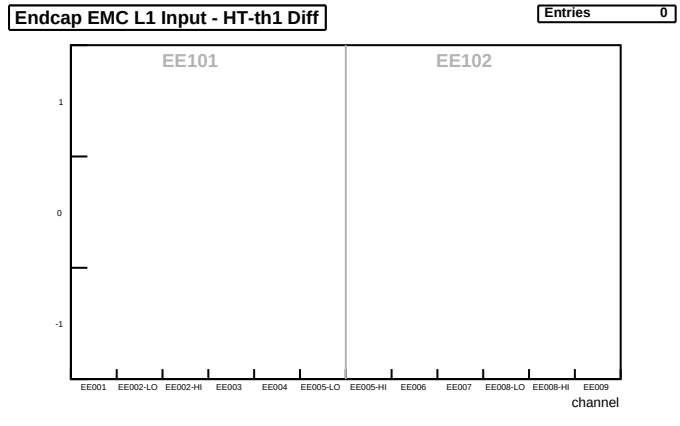

Endcap EMC L1 Input - High Eta Sum
Entries 1008732
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

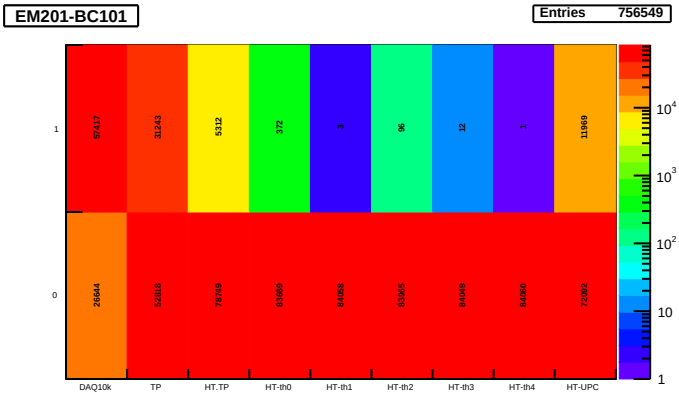

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

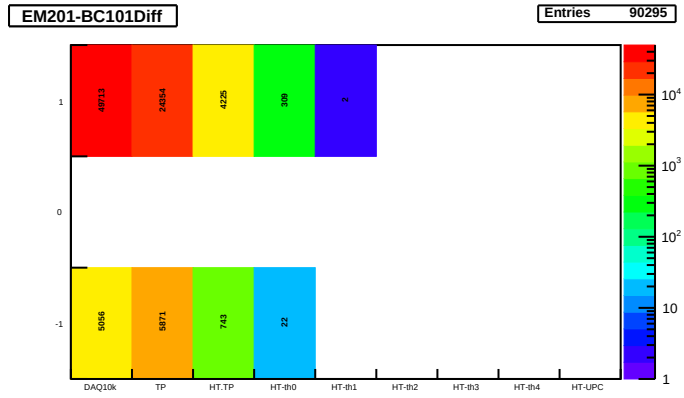

Endcap EMC L1 Input - HT-th0
Entries 1008732
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

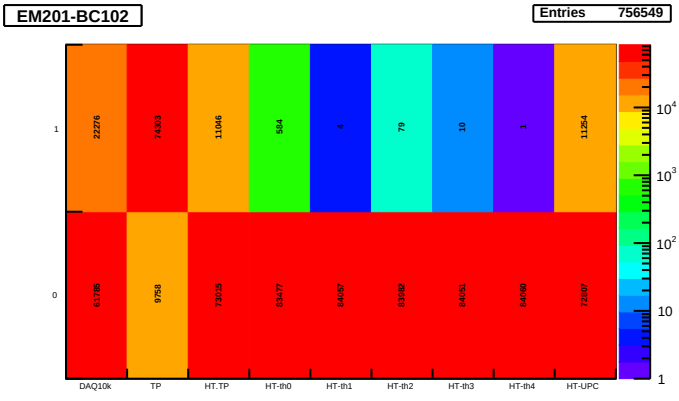

Endcap EMC L1 Input - HT-th0 Diff
Entries 1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

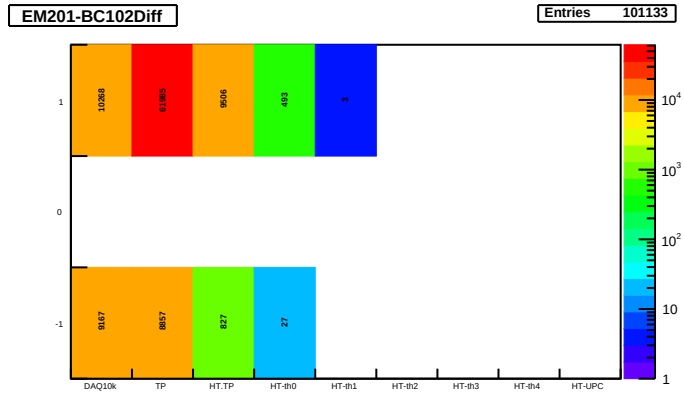

Endcap EMC L1 Input - HT-th1
Entries 1008732
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

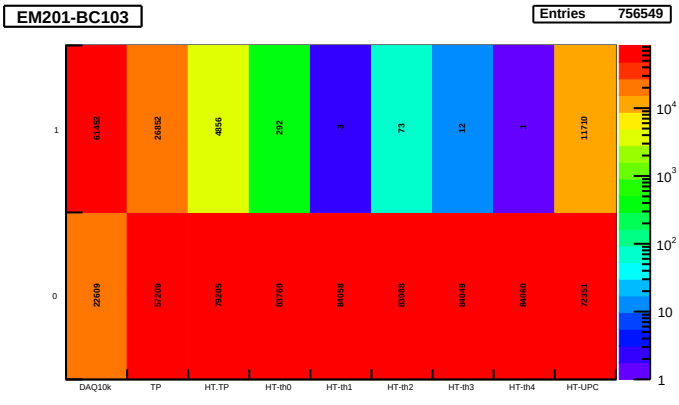

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

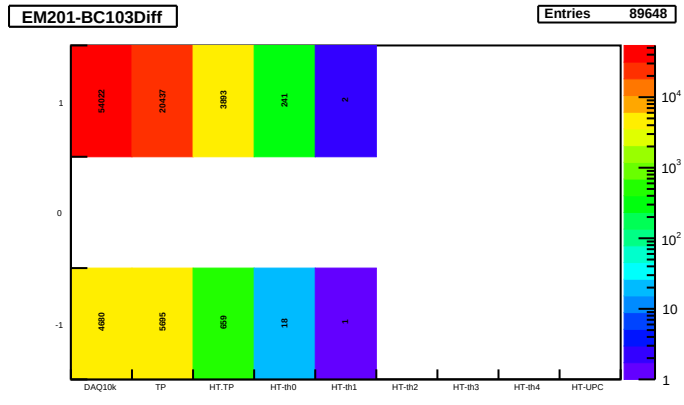

EM201-BC101
Entries 756549
1
0
57417
31243
5312
372
3
96
12
1
11969
26644
52818
78749
83889
84058
83965
84049
84060
72802
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

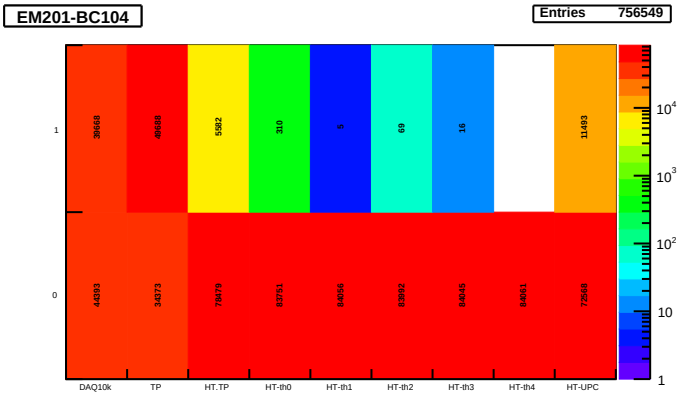

EM201-BC101Diff
Entries 90295
1
0
-1
49713
24354
4225
309
2
5056
5871
743
22
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

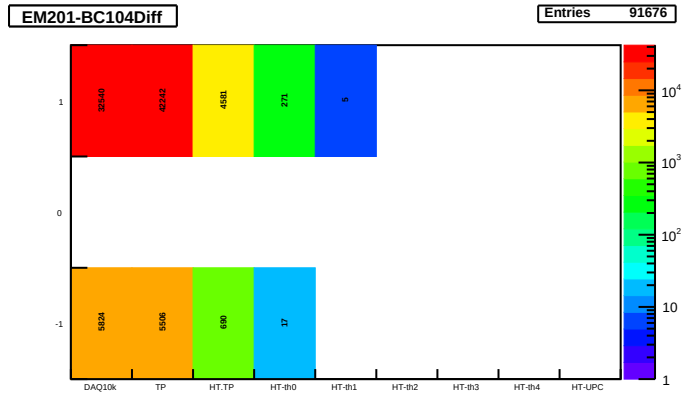

EM201-BC102
Entries 756549
1
0
22276
74393
11046
584
4
79
10
1
11254
61785
9758
73015
83477
84057
83982
84051
84060
72807
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC102Diff
Entries 101133
1
0
-1
10268
61985
9606
493
3
9167
8857
827
27
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

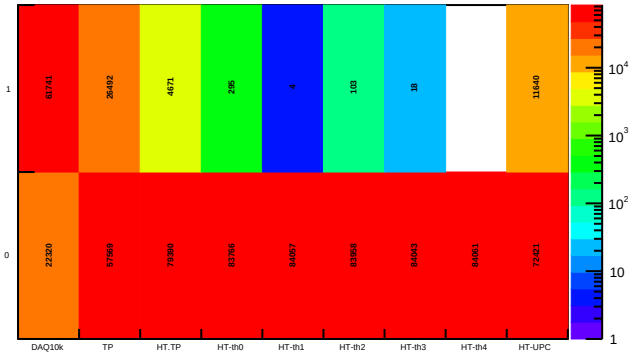

EM201-BC103
Entries 756549
1
0
61452
26852
4856
292
3
73
12
1
11710
22609
57209
79205
83769
84058
83988
84049
84060
72851
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC103Diff
Entries 89648
1
0
-1
54022
20437
3883
261
2
4880
5695
659
18
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

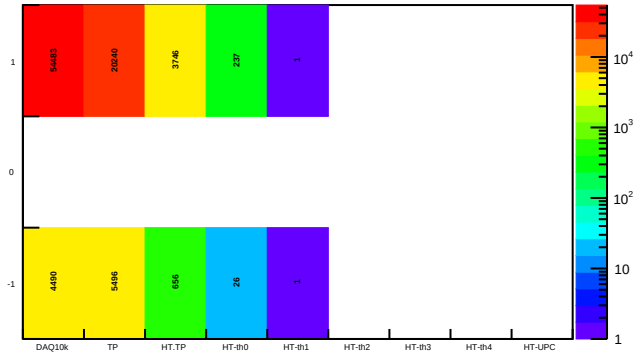

EM201-BC104
Entries 756549
1
0
39668
46668
5982
310
5
69
16
11493
44393
34373
79479
83751
84056
83992
84045
84061
72568
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1


EM201-BC104Diff
Entries 91676
1
0
-1
32540
42242
4581
271
5
5834
5506
690
17
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

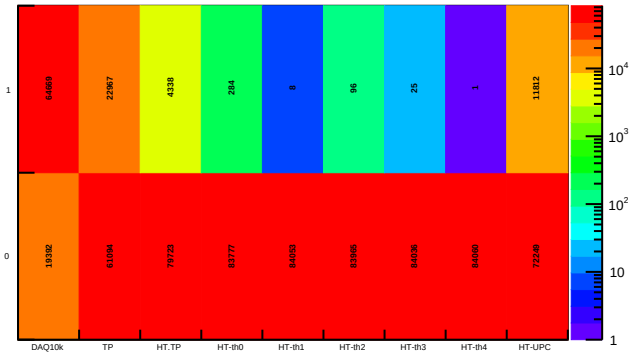
EM201-BC105 Entries 756549



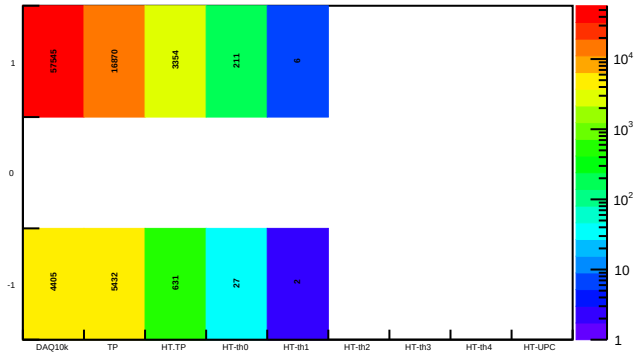
EM201-BC105Diff Entries 89376



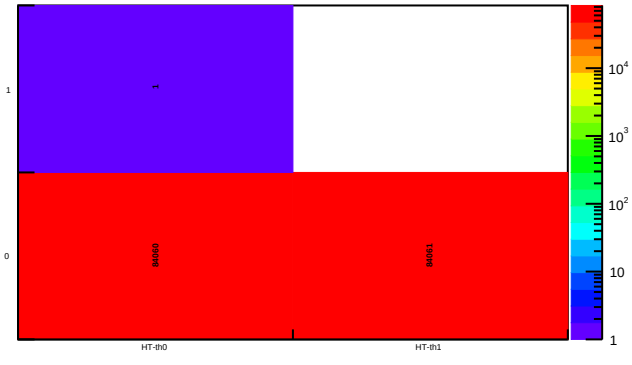
EM201-BC106 Entries 756549



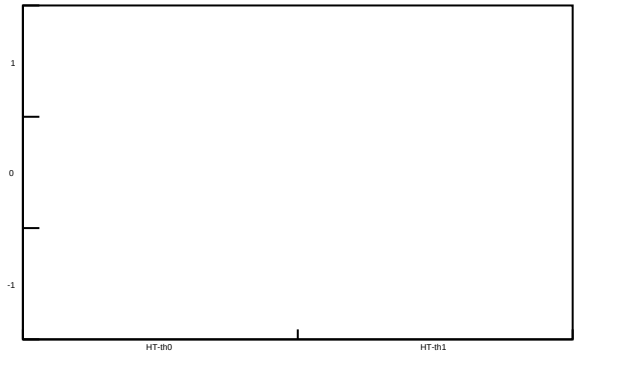
EM201-BC106Diff Entries 88483



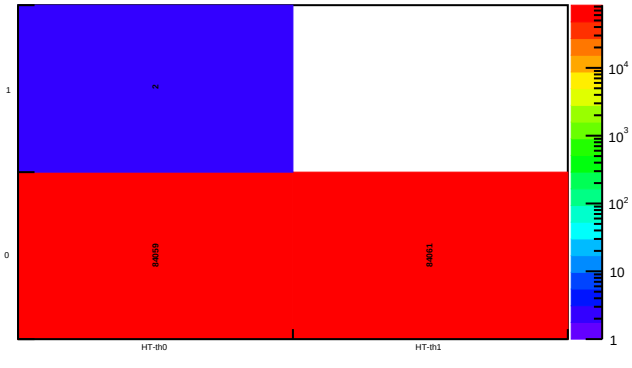
EM201-EE101 Entries 168122



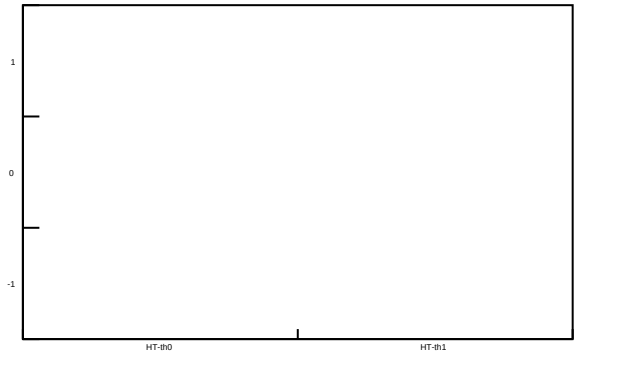
EM201-EE101Diff Entries 0

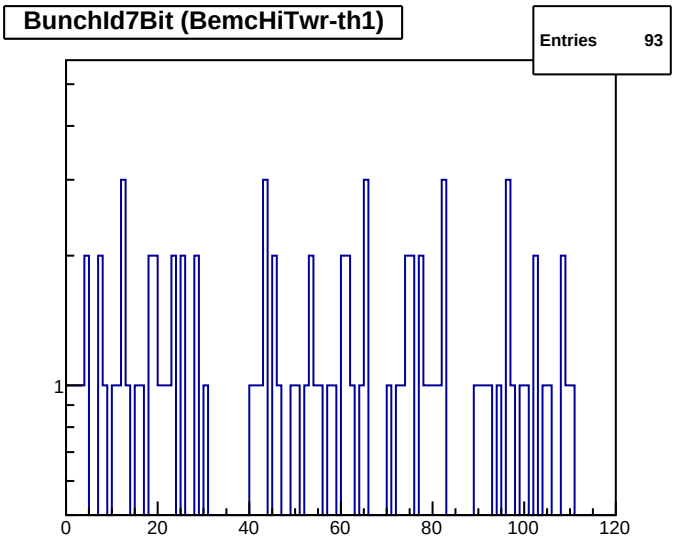


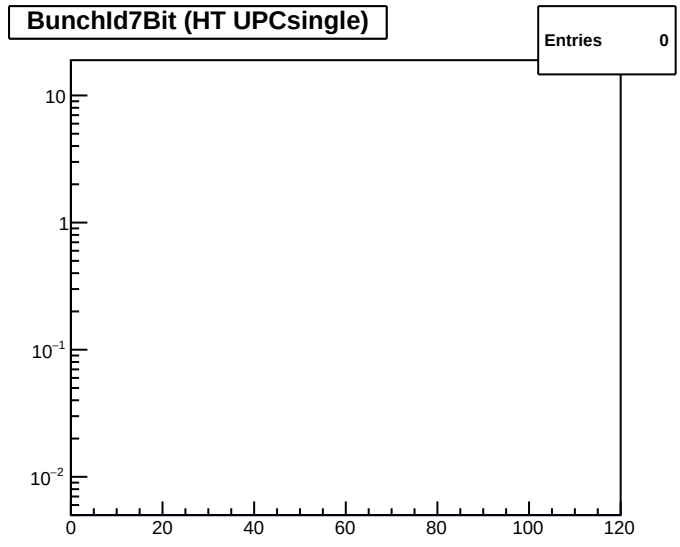
EM201-EE102 Entries 168122

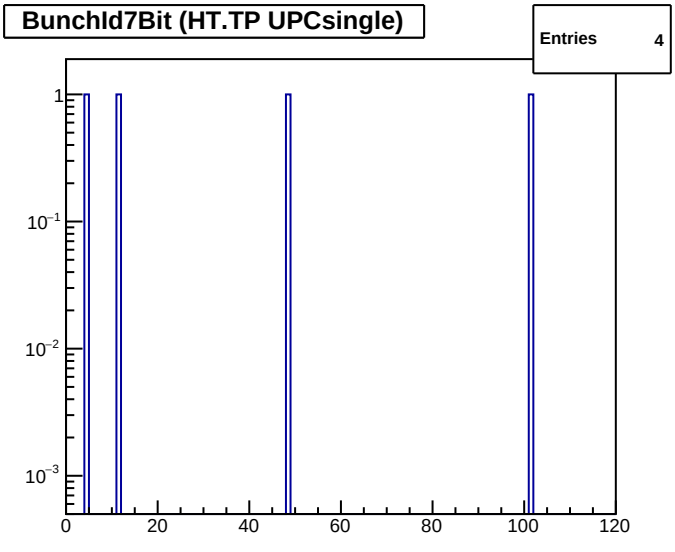


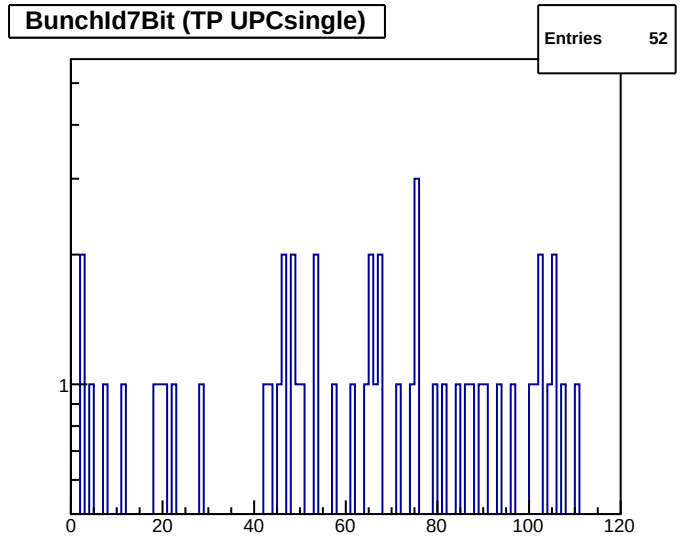
EM201-EE102Diff Entries 0

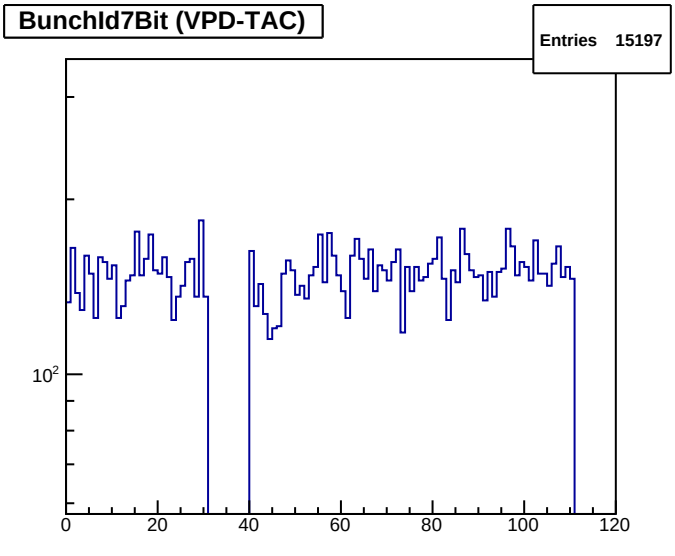


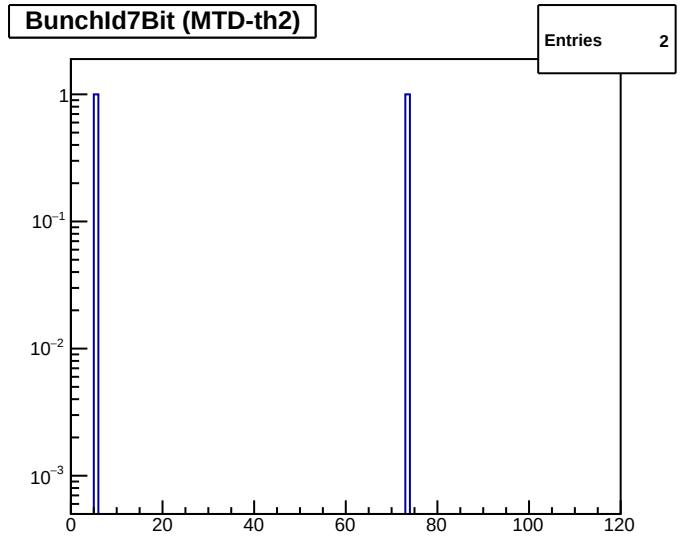

BunchId7Bit (BemcHiTwr-th1)
Entries 93
1
0 20 40 60 80 100 120

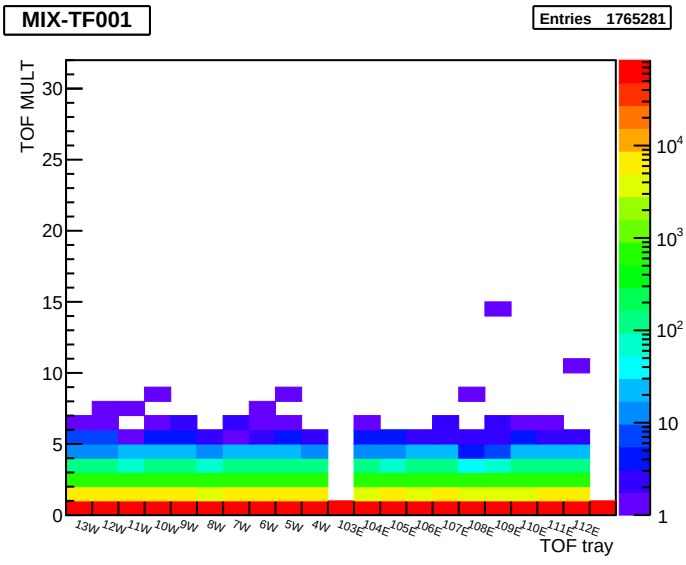

BunchId7Bit (HT UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

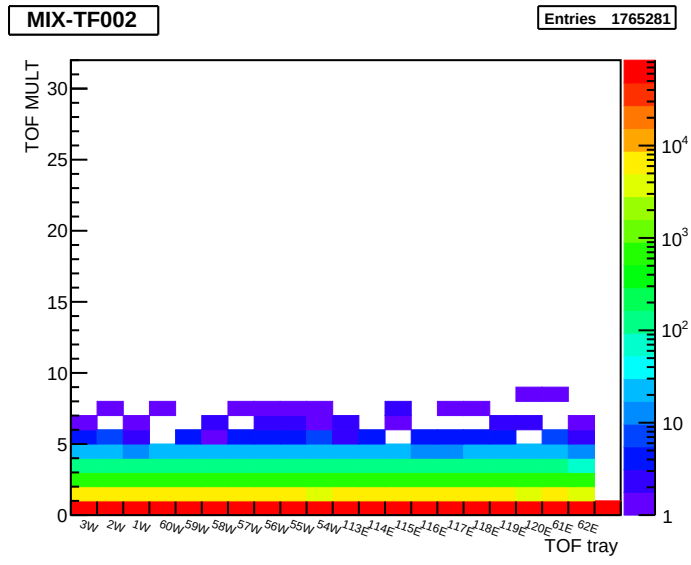

BunchId7Bit (HT.TP UPCsingle)
Entries 4
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

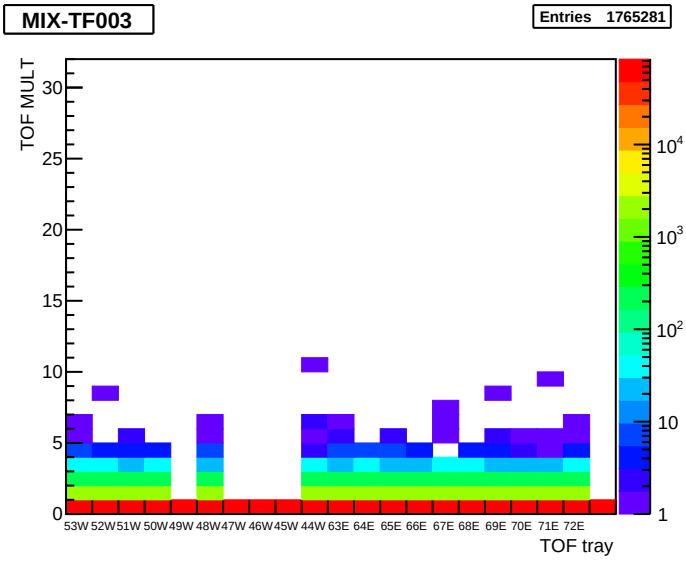

BunchId7Bit (TP UPCsingle)
Entries 52
1
0 20 40 60 80 100 120

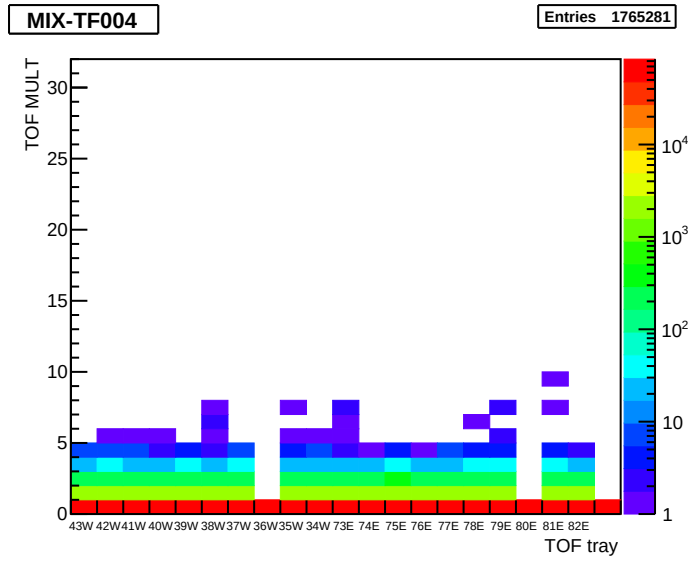

BunchId7Bit (VPD-TAC)
Entries 15197
10^{2}
0 20 40 60 80 100 120

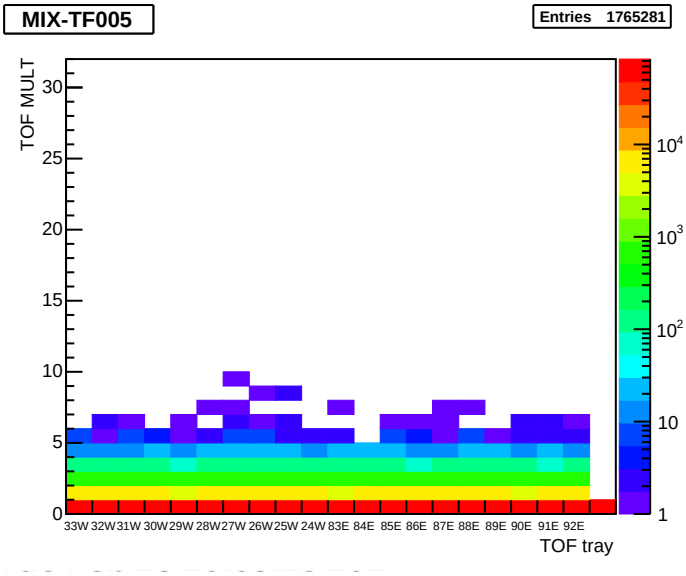

BunchId7Bit (MTD-th2)
Entries 2
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

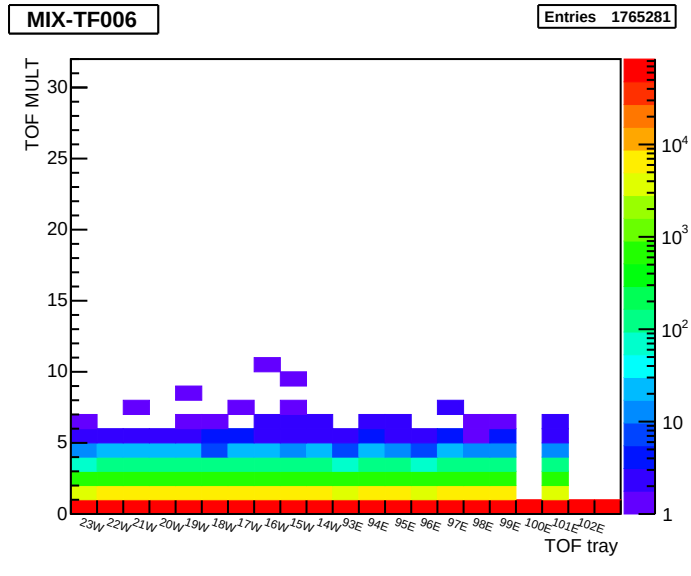

MIX-TF001
Entries 1765281
TOF MULT
TOF tray

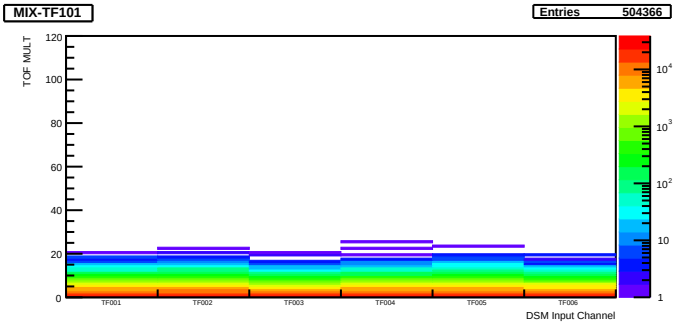

MIX-TF002
Entries 1765281
TOF MULT
TOF tray

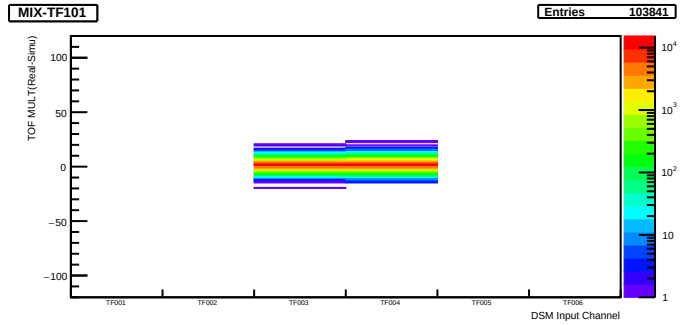

MIX-TF003
Entries 1765281
TOF MULT
TOF tray

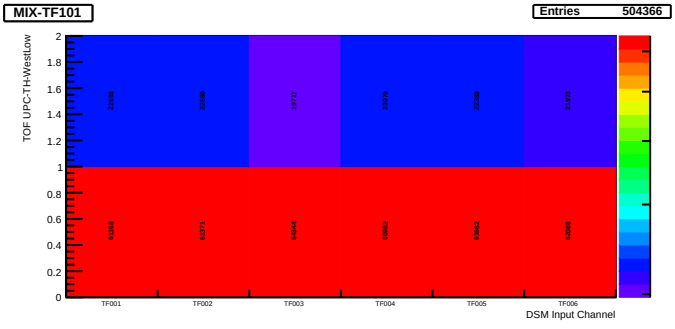

MIX-TF004
Entries 1765281
TOF MULT
TOF tray

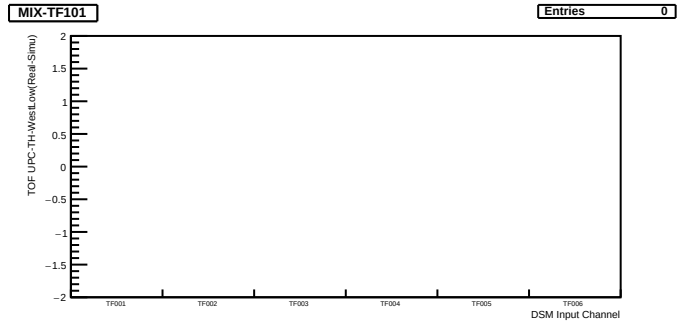

MIX-TF005
Entries 1765281
TOF MULT
TOF tray

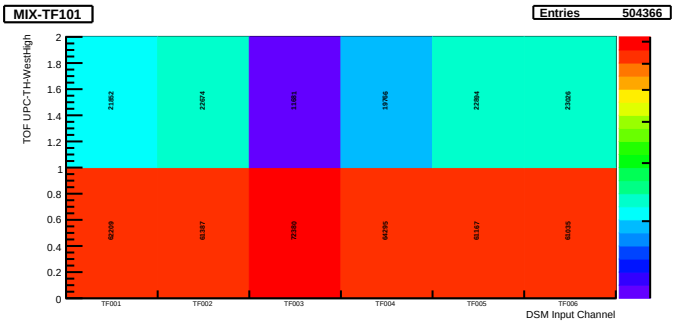

MIX-TF006
Entries 1765281
TOF MULT
TOF tray

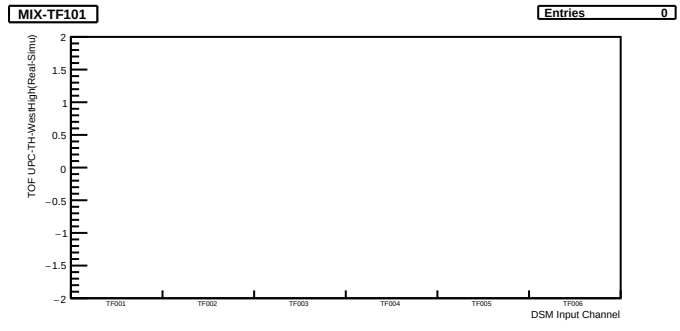

MIX-TF101
Entries 504366
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

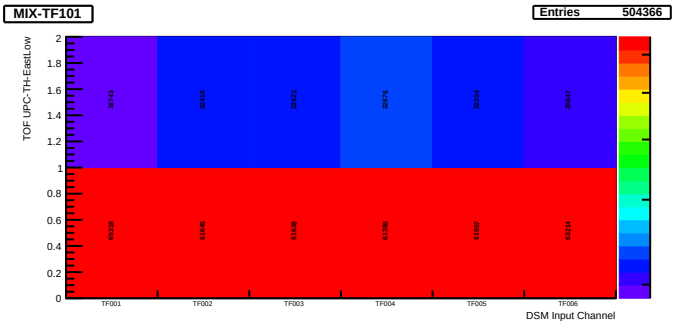

MIX-TF101
Entries 103841
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

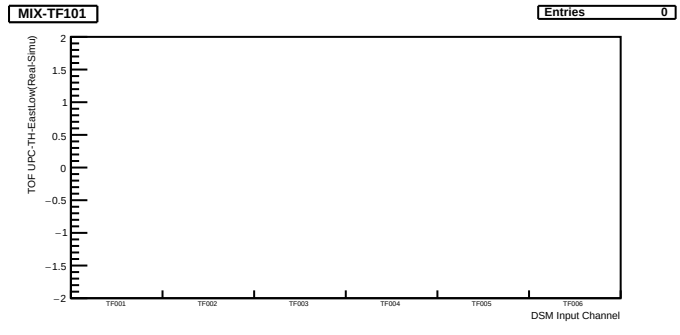

MIX-TF101
Entries 504366
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

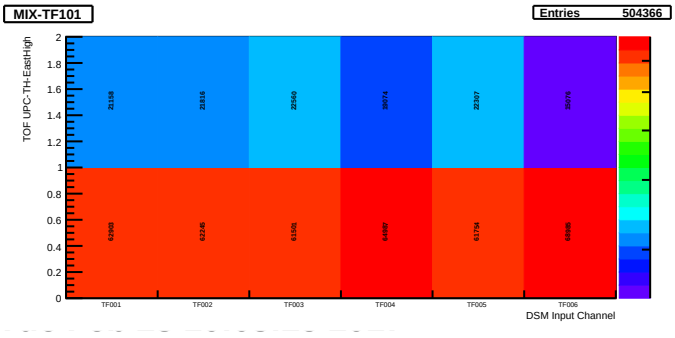

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

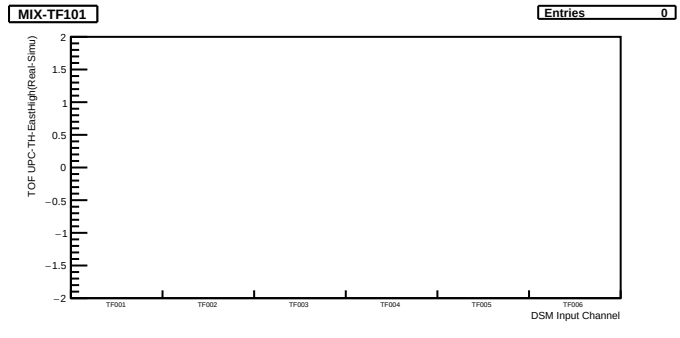

MIX-TF101
Entries 504366
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

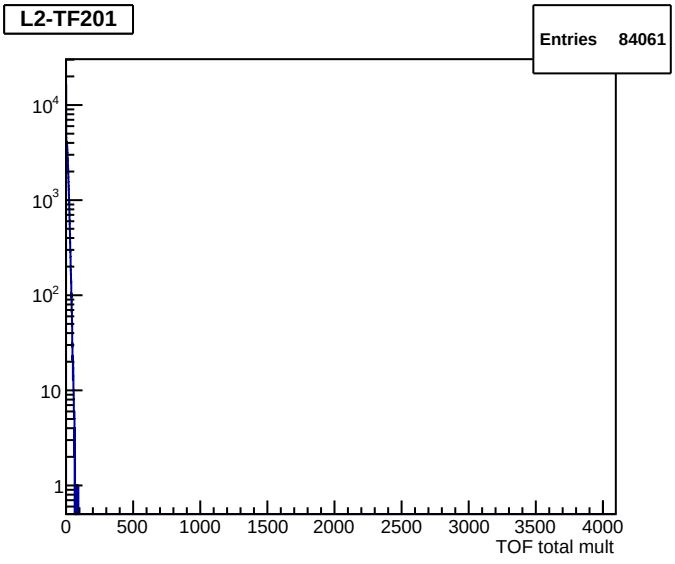

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

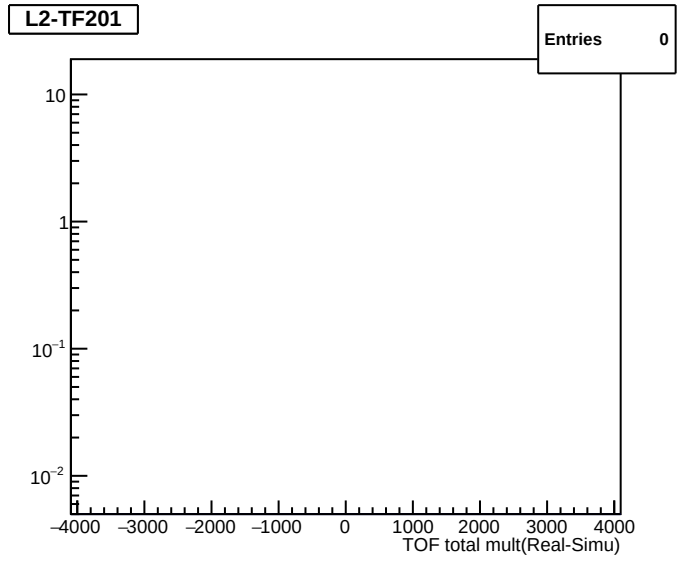

MIX-TF101
Entries 504366
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

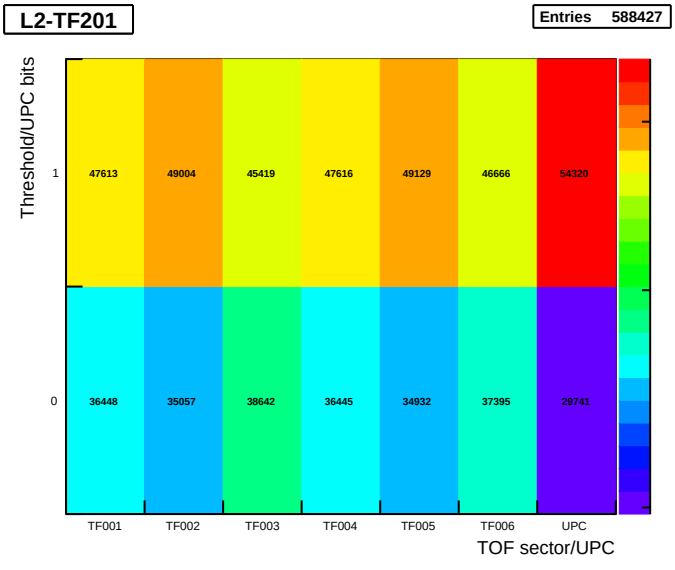

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

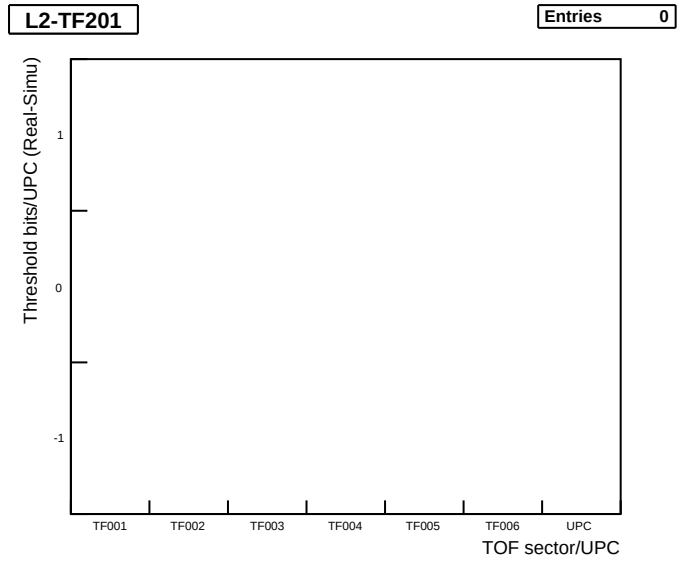

MIX-TF101
Entries 504366
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

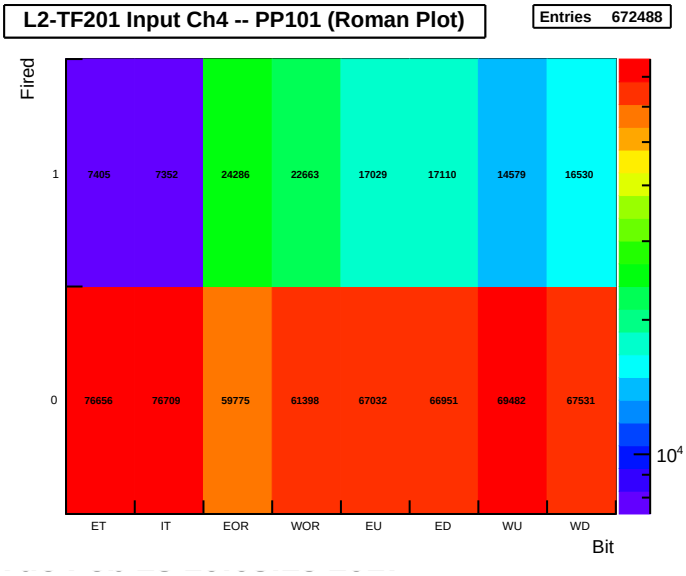

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

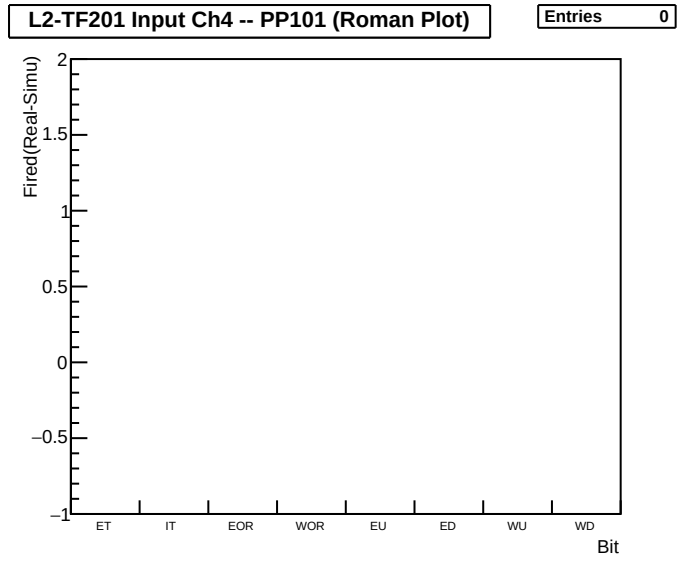

L2-TF201
Entries 84061
TOF total mult

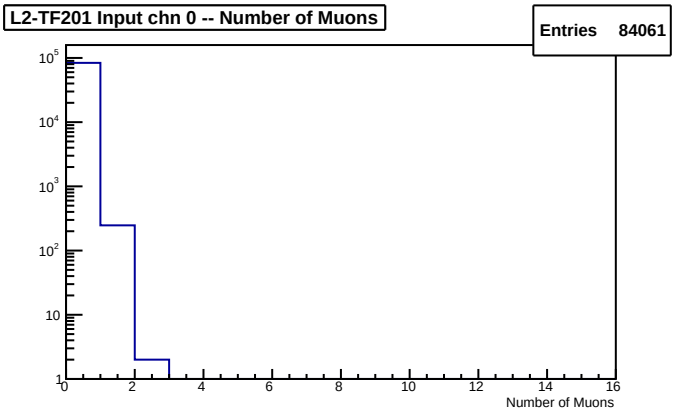

L2-TF201
Entries 0
TOF total mult(Real-Simu)

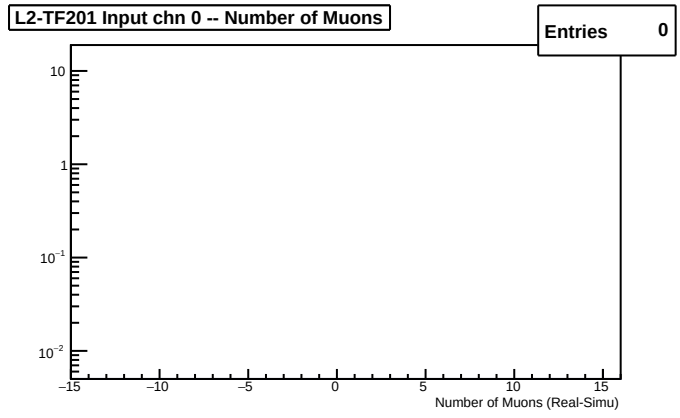

L2-TF201
Entries 588427
Threshold/UPC bits
47613 49004 45419 47616 49129 46666 54320
36448 35057 38642 36445 34932 37395 29741
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

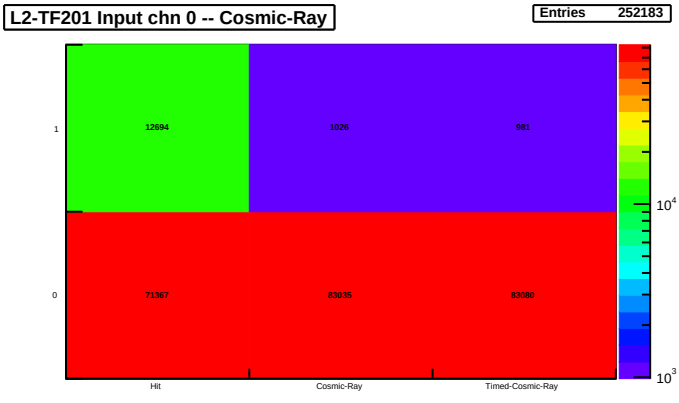

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

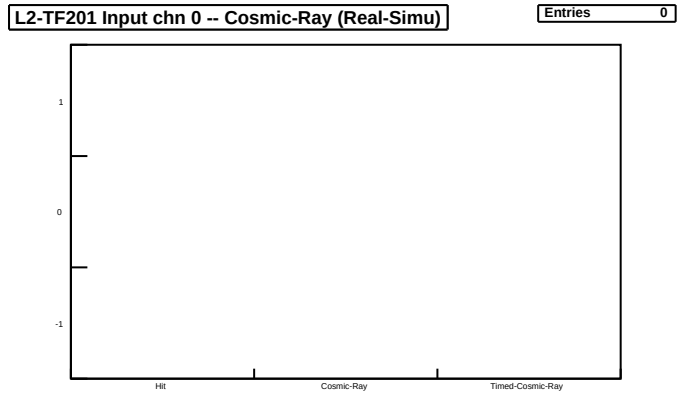

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 672488
Fired
7405 7352 24286 22663 17029 17110 14579 16530
76656 76709 59775 61398 67032 66951 69482 67531
ET IT EOR WOR EU ED WU WD
Bit

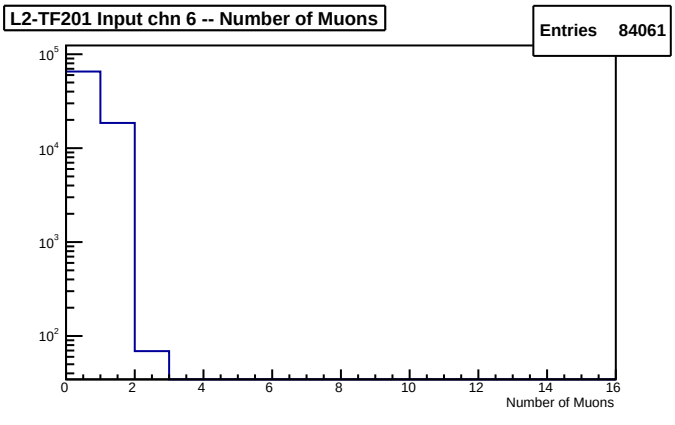

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

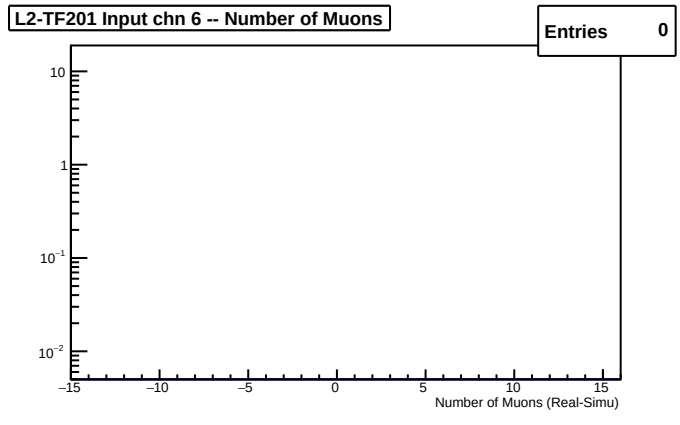

L2-TF201 Input chn 0 -- Number of Muons
Entries 84061
Number of Muons

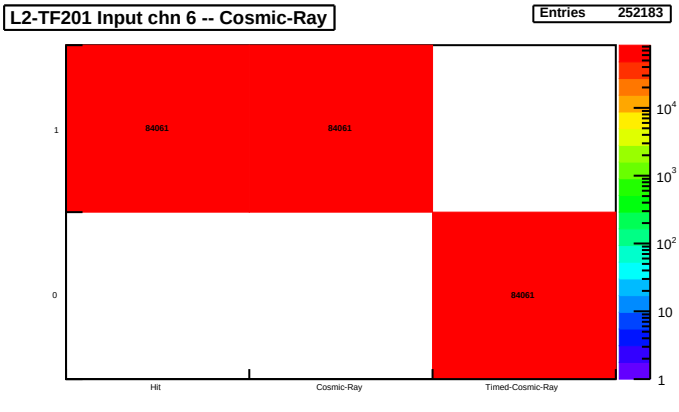

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

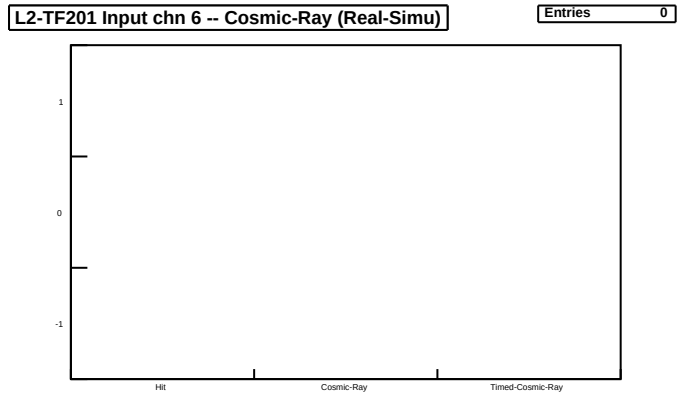

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 252183
12694
1026
981
71367
83035
83080
Hit
Cosmic-Ray
Timed-Cosmic-Ray

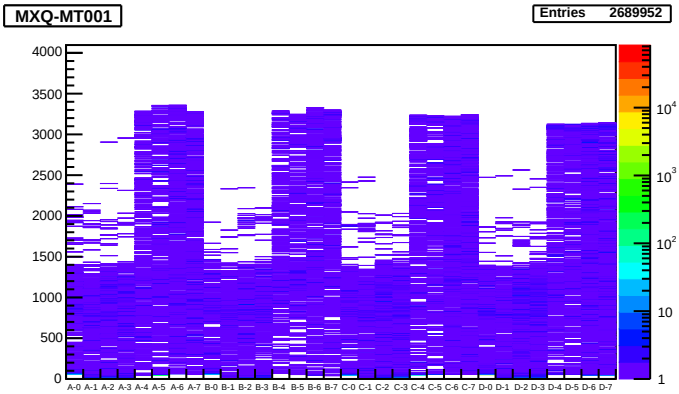

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

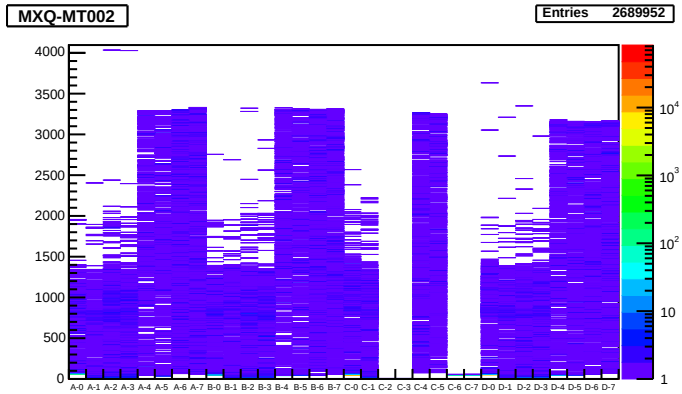

L2-TF201 Input chn 6 -- Number of Muons
Entries 84061
Number of Muons

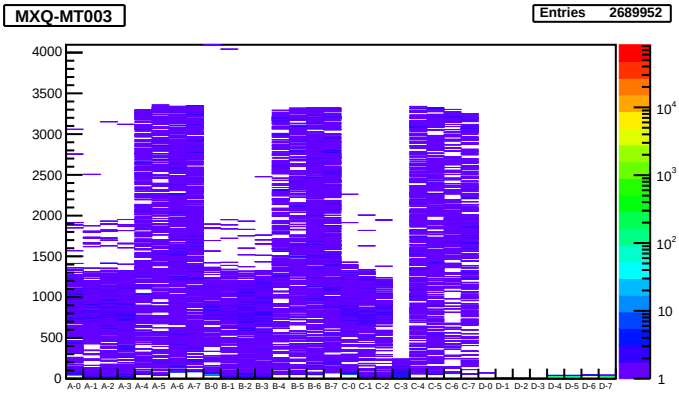

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

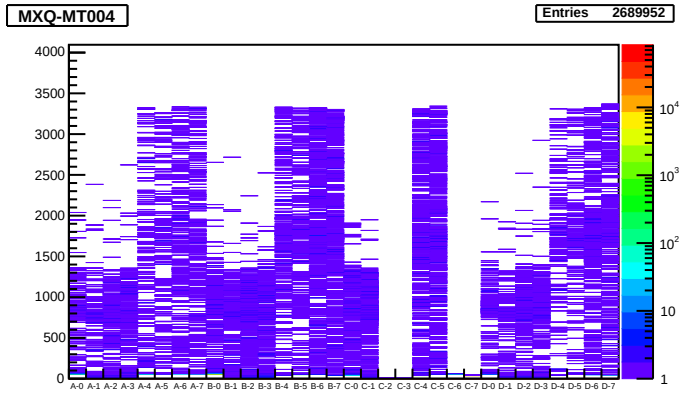

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 252183
84061
84061
84061
Hit
Cosmic-Ray
Timed-Cosmic-Ray

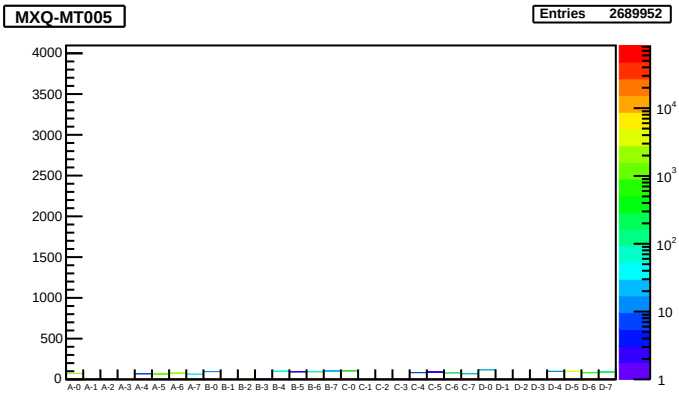

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

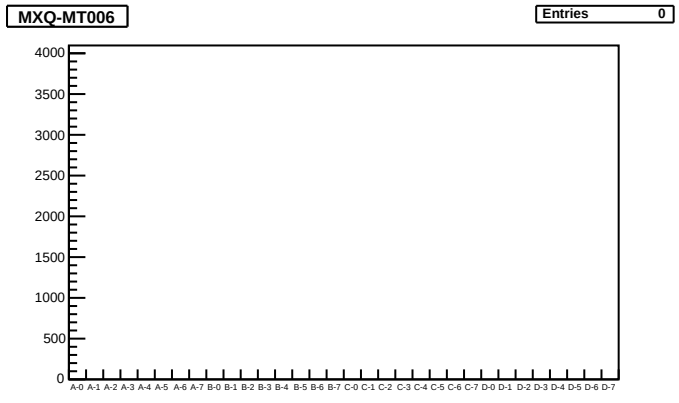

MXQ-MT001
Entries 2689952

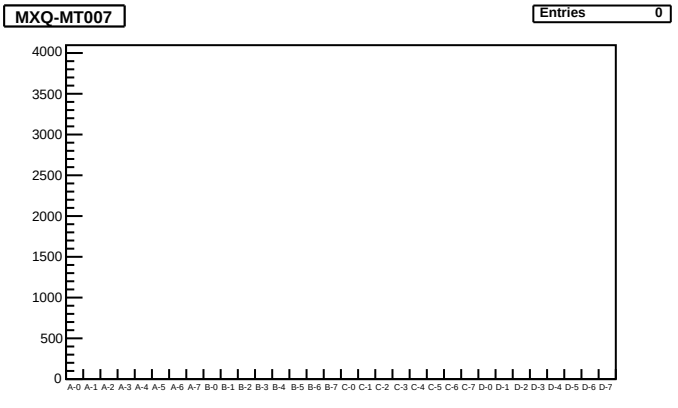

MXQ-MT002
Entries 2689952

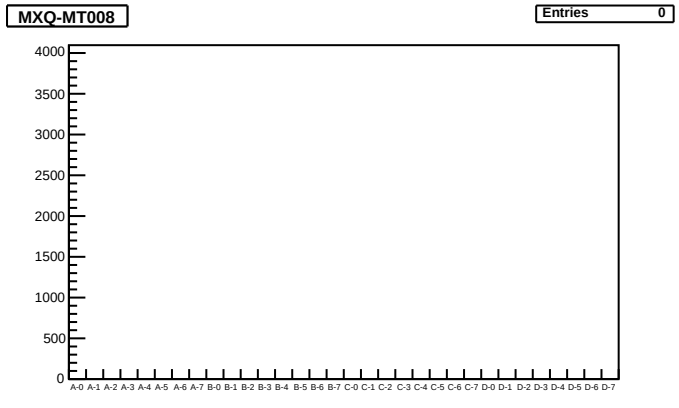

MXQ-MT003
Entries 2689952

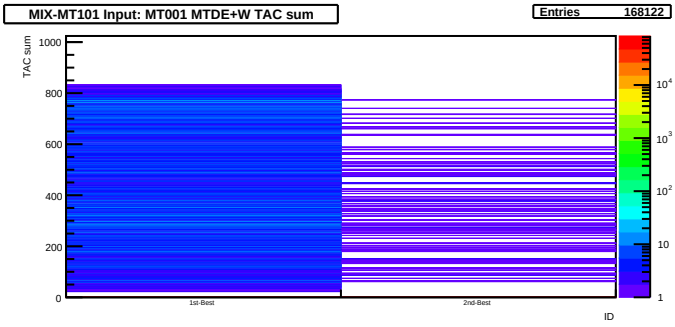

MXQ-MT004
Entries 2689952

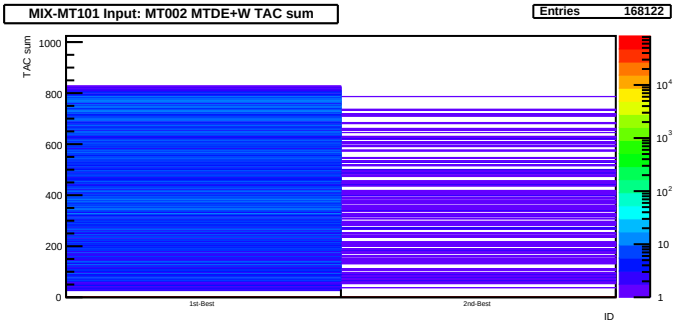

MXQ-MT005
Entries 2689952

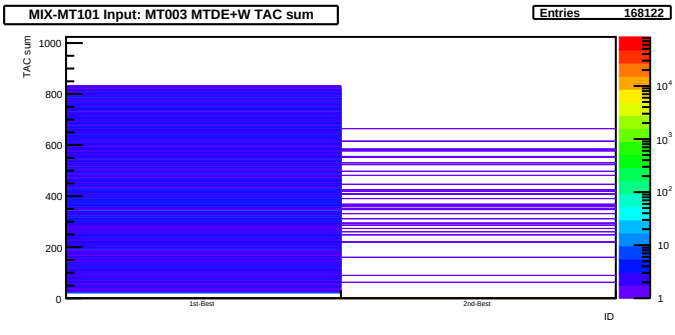

MXQ-MT006
Entries 0

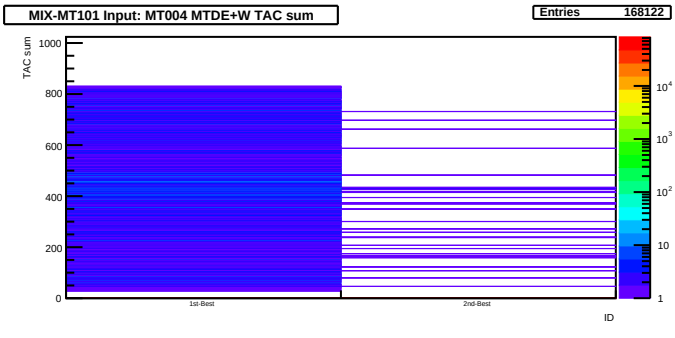

MXQ-MT007
Entries 0

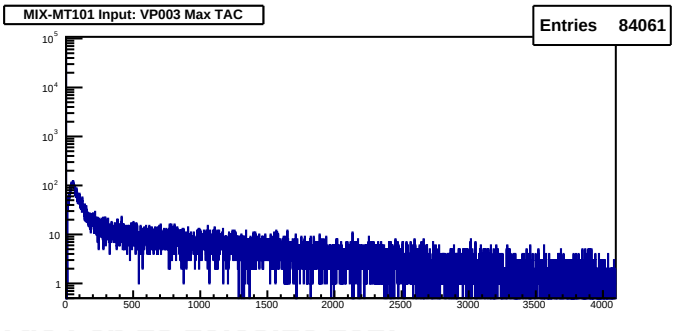

MXQ-MT008
Entries 0

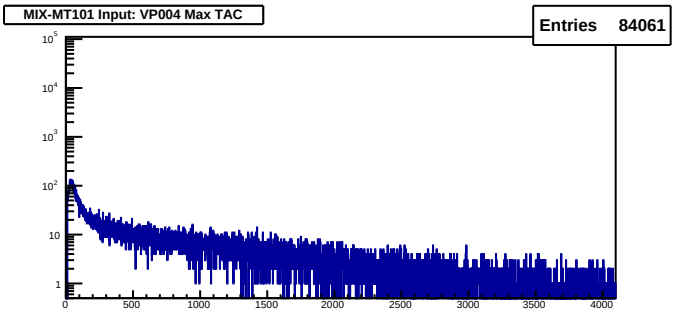

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 168122
TAC sum
1st-Best
2nd-Best
ID

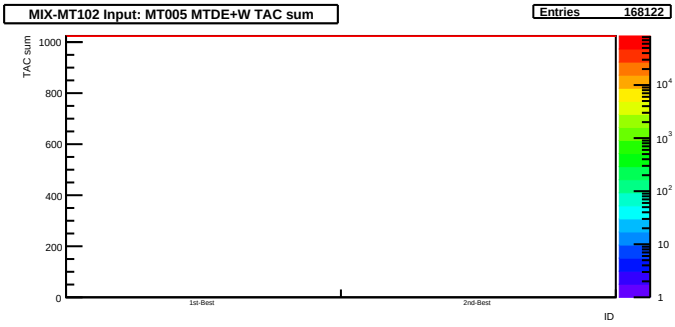

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 168122
TAC sum
1st-Best
2nd-Best
ID

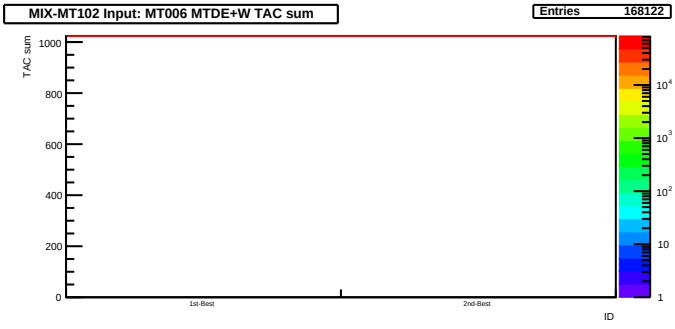

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 168122
TAC sum
1st-Best
2nd-Best
ID

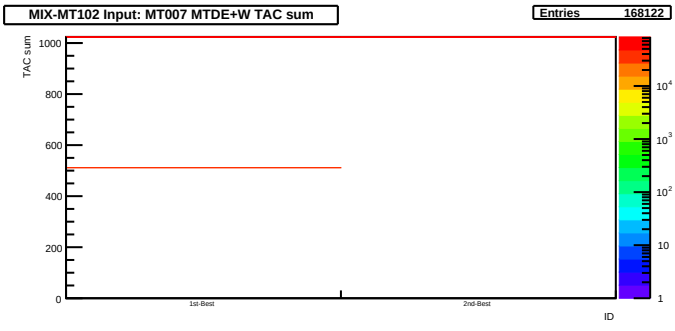

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 168122
TAC sum
1st-Best
2nd-Best
ID

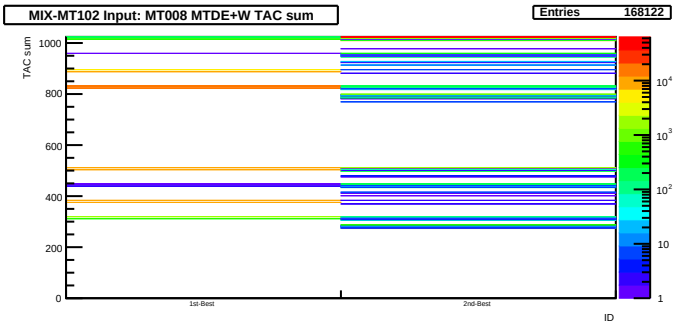

MIX-MT101 Input: VP003 Max TAC
Entries 84061

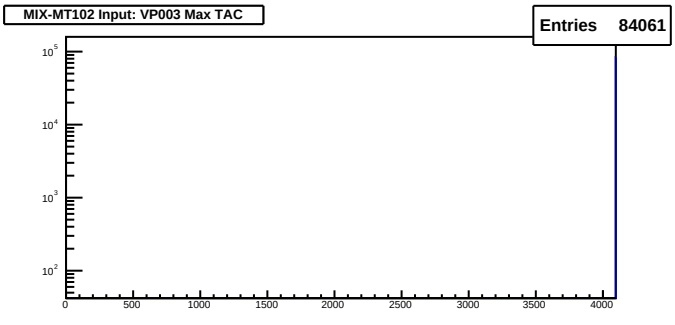

MIX-MT101 Input: VP004 Max TAC
Entries 84061

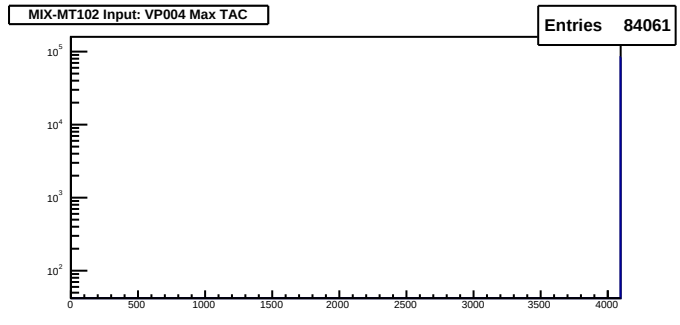

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 168122
TAC sum
1st-Best
2nd-Best
ID

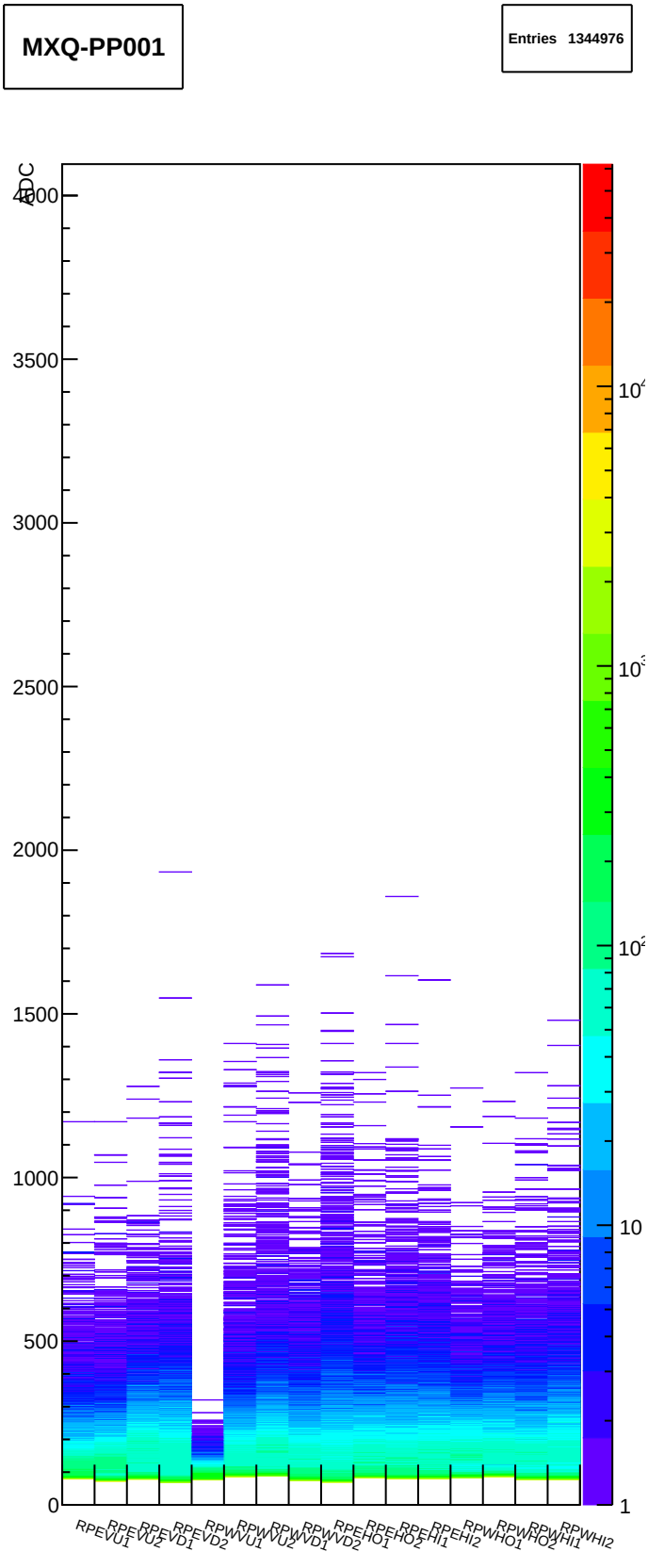

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 168122
TAC sum
1st-Best
2nd-Best
ID

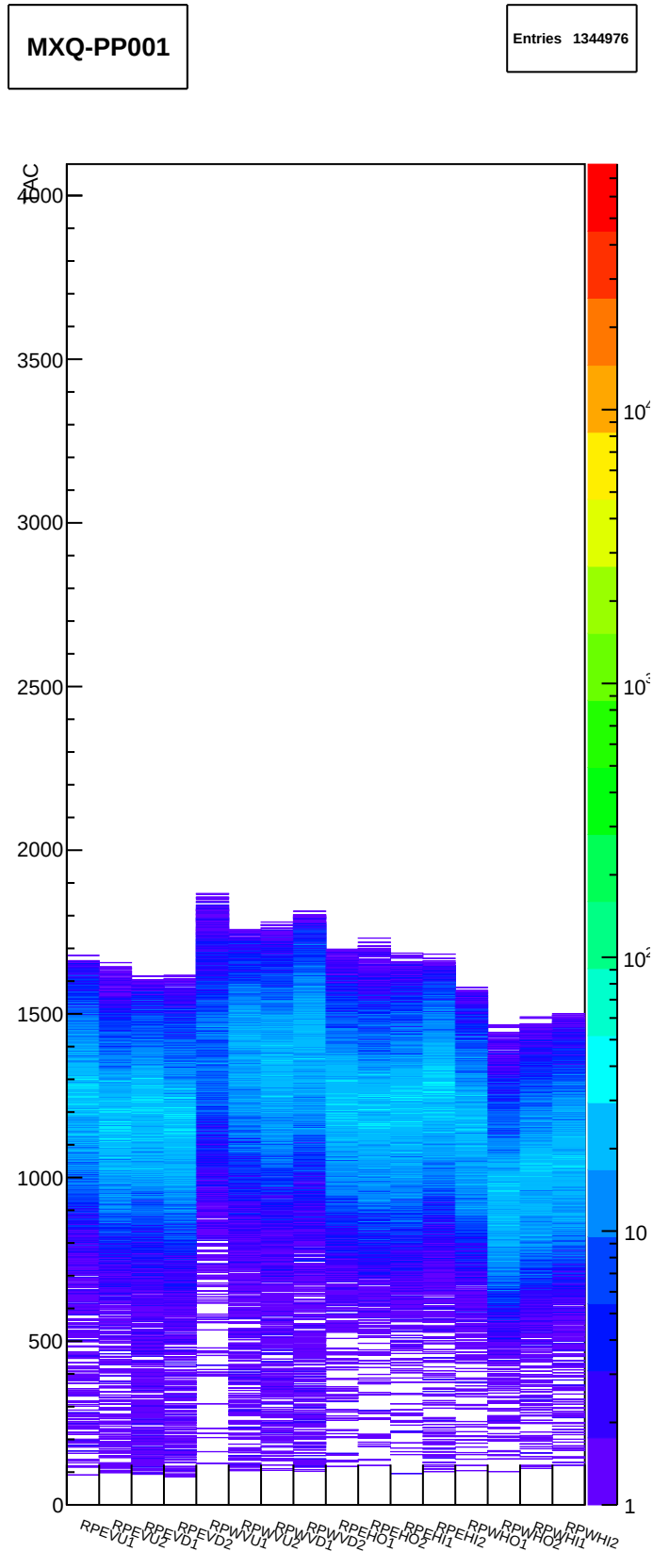

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 168122
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 168122
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 84061


MIX-MT102 Input: VP004 Max TAC
Entries 84061


MXQ-PP001
Entries 1344976
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1


MXQ-PP001
Entries 1344976
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
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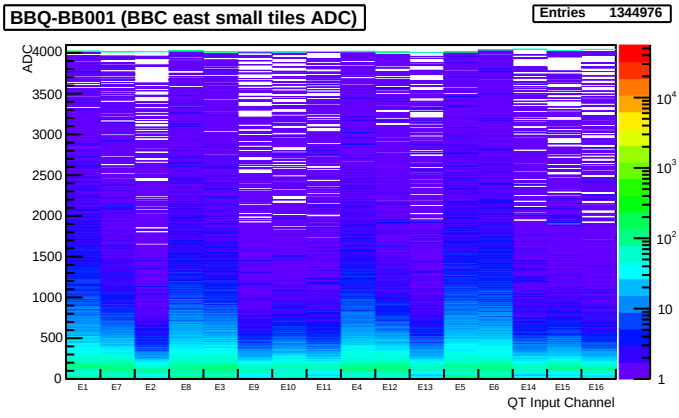
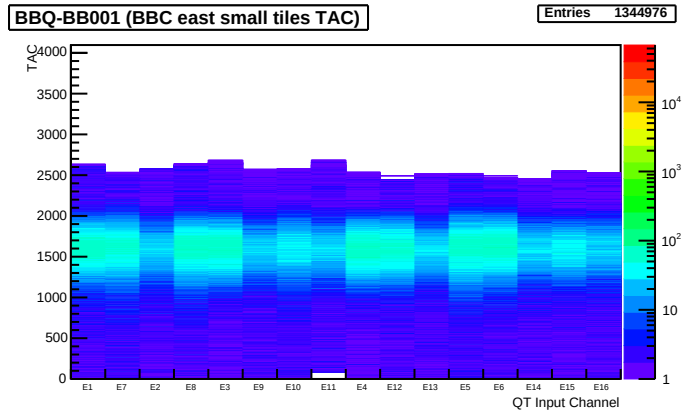
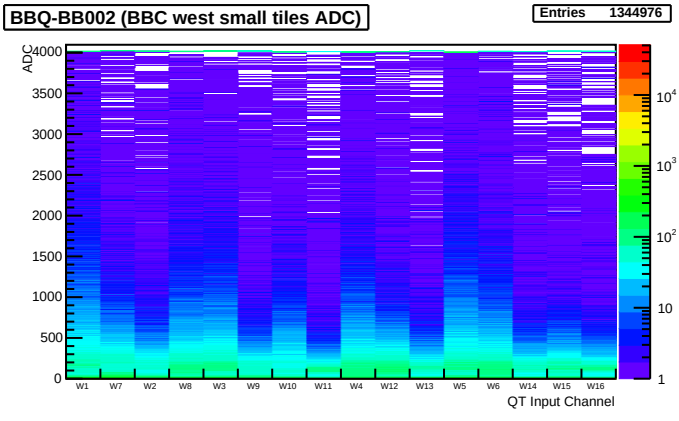
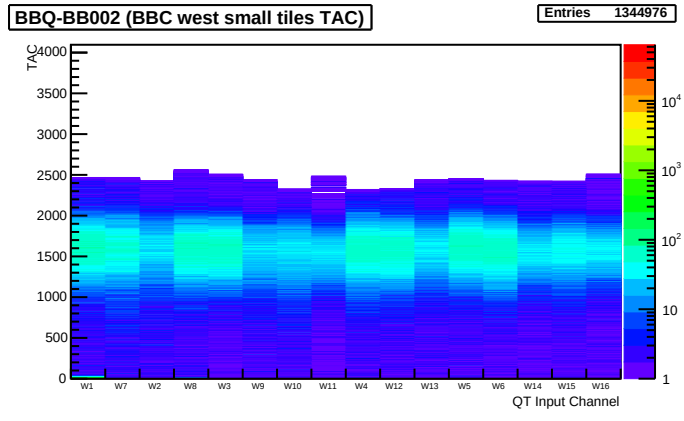
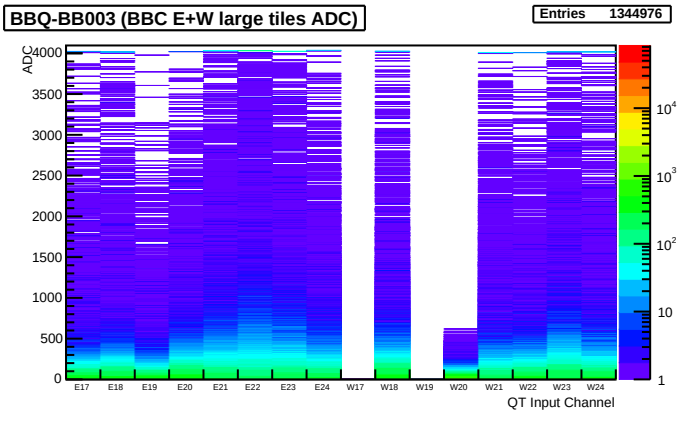
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

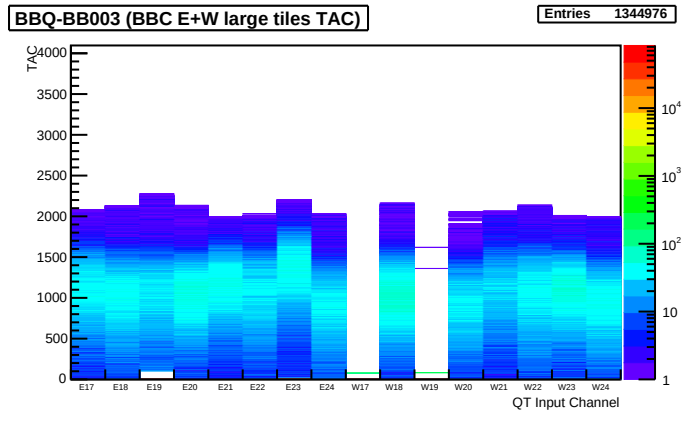

BBQ-BB001 (BBC east small tiles ADC)
Entries 1344976
ADC
QT Input Channel

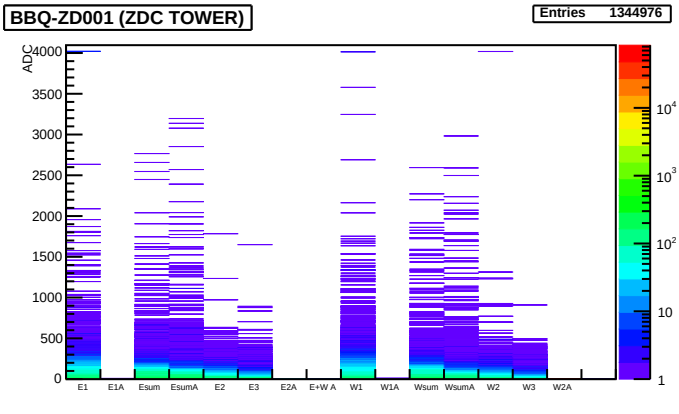

BBQ-BB001 (BBC east small tiles TAC)
Entries 1344976
TAC
QT Input Channel

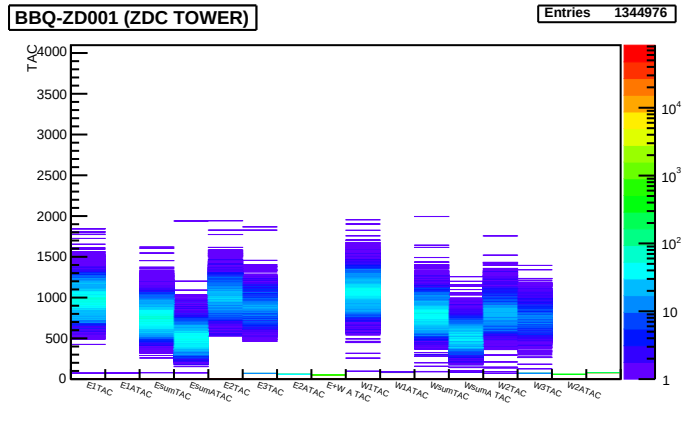

BBQ-BB002 (BBC west small tiles ADC)
Entries 1344976
ADC
QT Input Channel

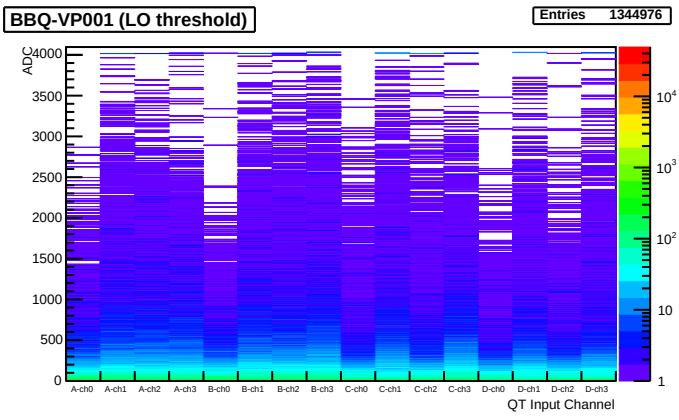

BBQ-BB002 (BBC west small tiles TAC)
Entries 1344976
TAC
QT Input Channel

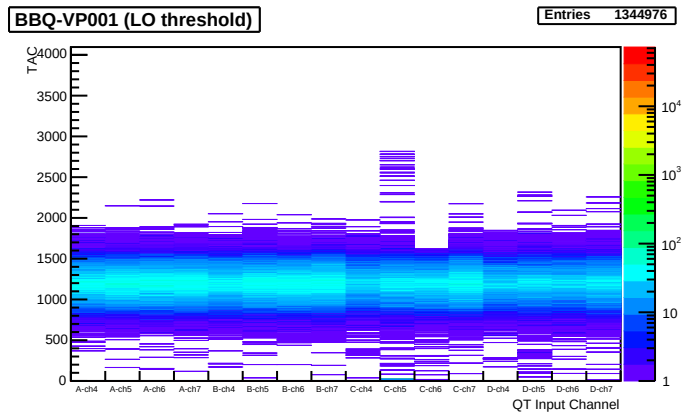

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1344976
ADC
QT Input Channel

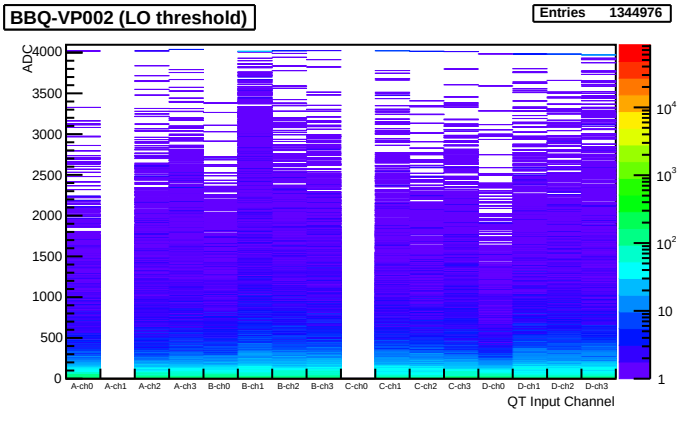

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1344976
TAC
QT Input Channel

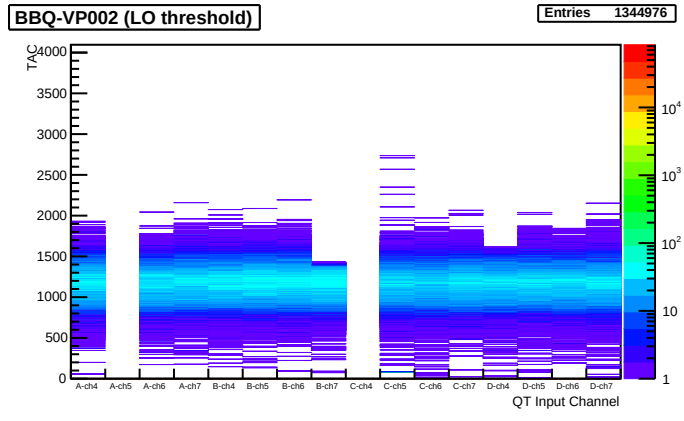

BBQ-ZD001 (ZDC TOWER)
Entries 1344976
ADC

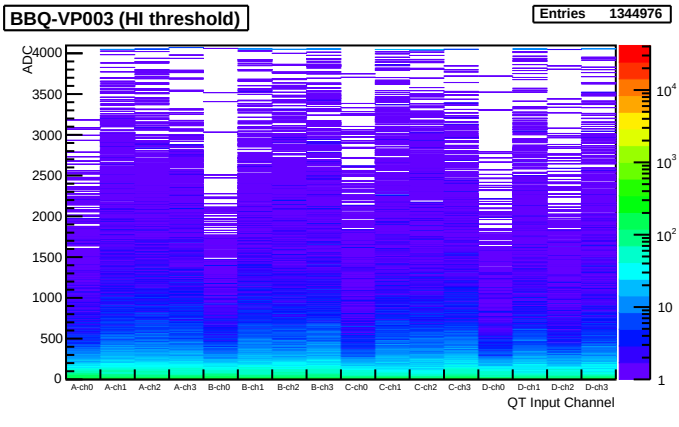

BBQ-ZD001 (ZDC TOWER)
Entries 1344976
TAC

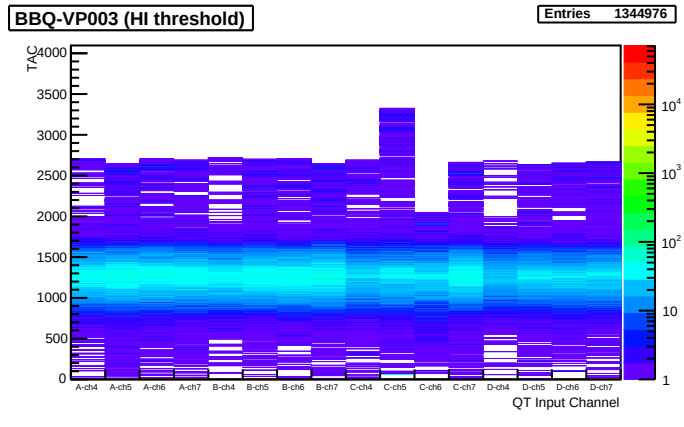

BBQ-VP001 (LO threshold)
Entries 1344976
ADC
QT Input Channel

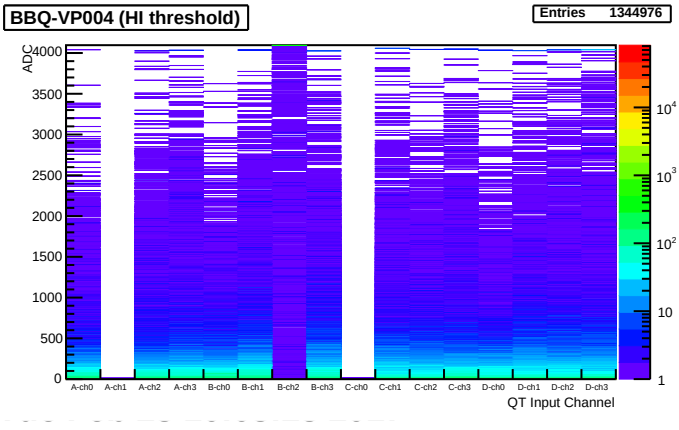

BBQ-VP001 (LO threshold)
Entries 1344976
TAC
QT Input Channel

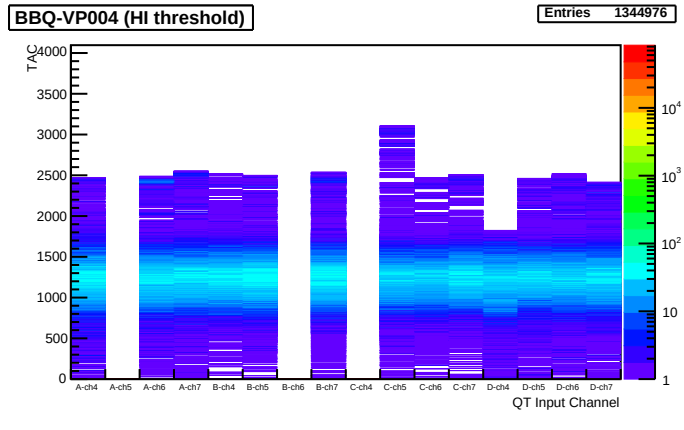

BBQ-VP002 (LO threshold)
Entries 1344976
ADC
QT Input Channel

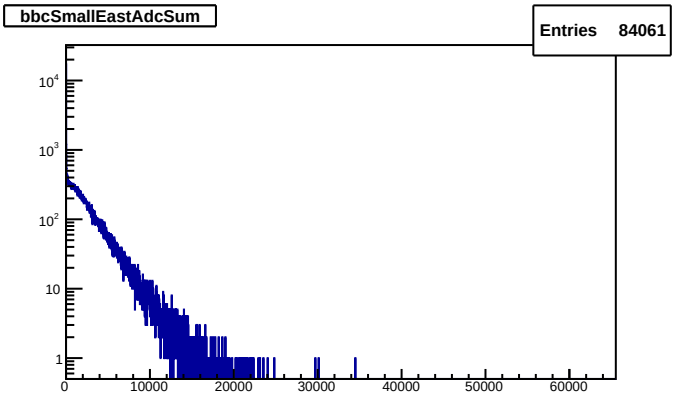

BBQ-VP002 (LO threshold)
Entries 1344976
TAC
QT Input Channel

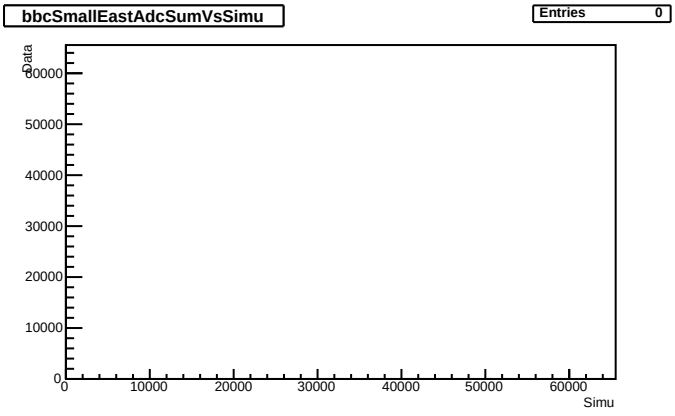

BBQ-VP003 (HI threshold)
Entries 1344976
ADC
QT Input Channel

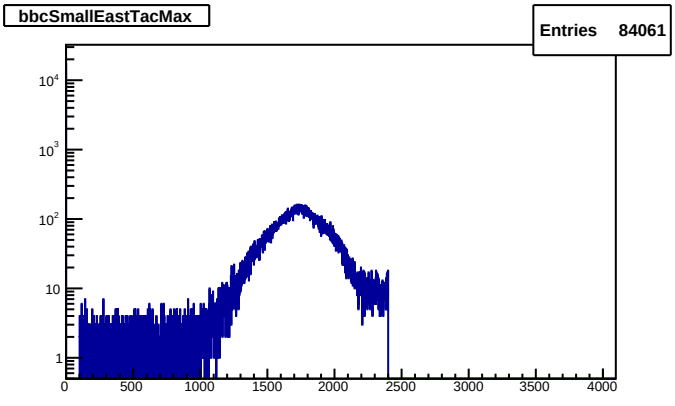

BBQ-VP003 (HI threshold)
Entries 1344976
TAC
QT Input Channel

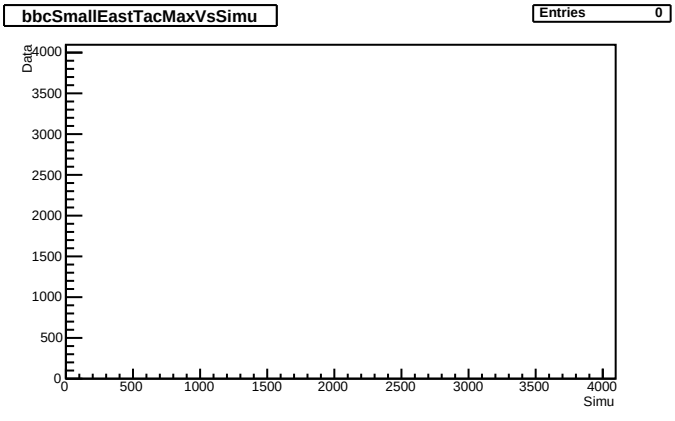

BBQ-VP004 (HI threshold)
Entries 1344976
ADC
QT Input Channel

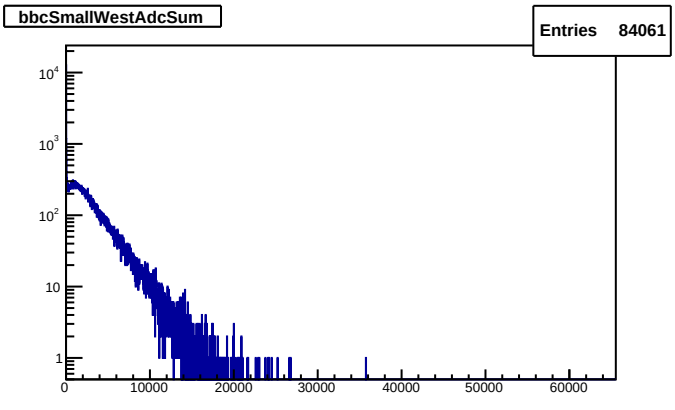

BBQ-VP004 (HI threshold)
Entries 1344976
TAC
QT Input Channel

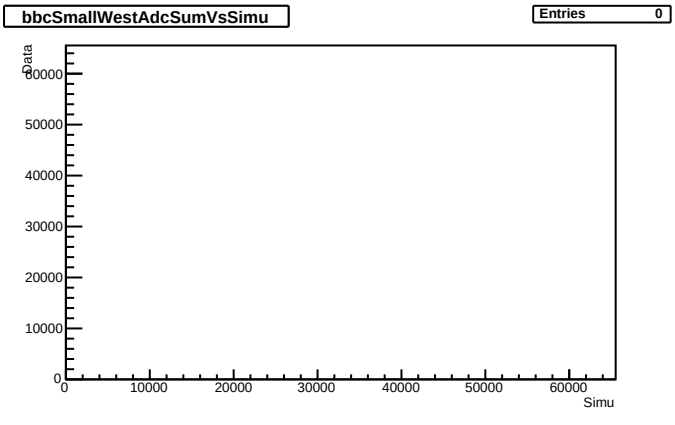

bbcSmallEastAdcSum
Entries 84061

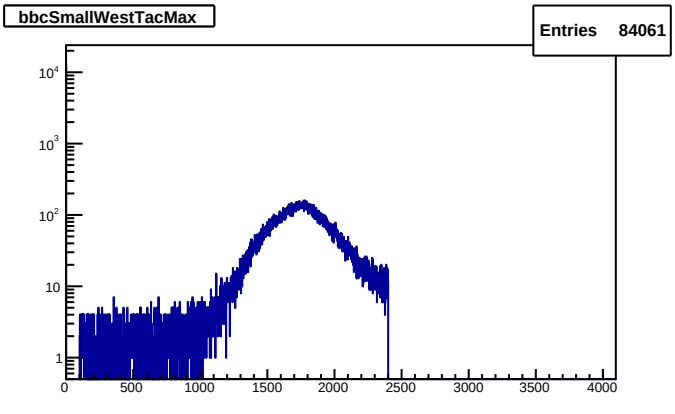

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

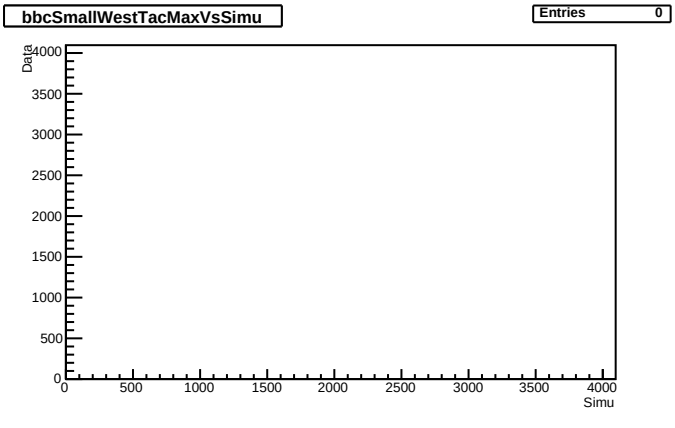

bbcSmallEastTacMax
Entries 84061

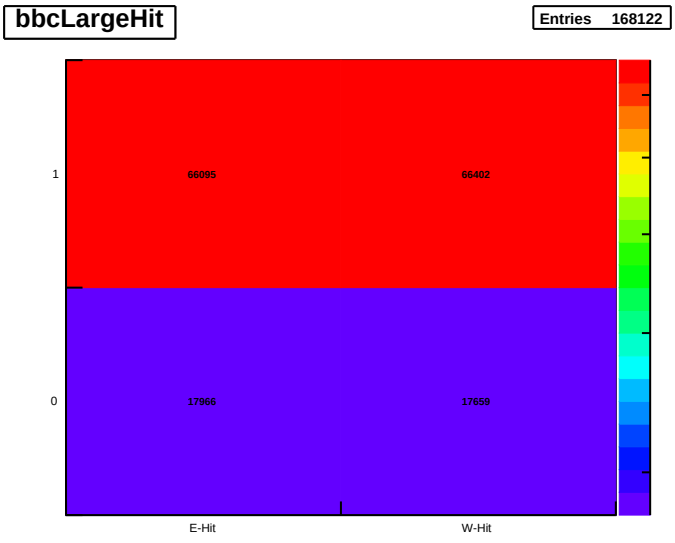

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

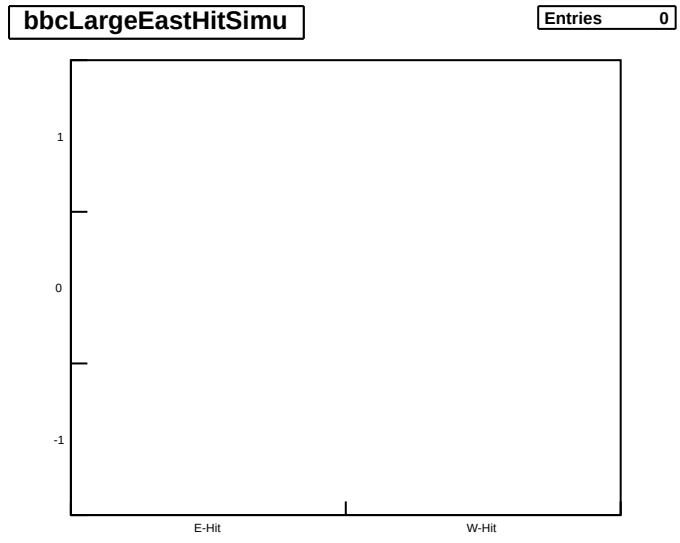

bbcSmallWestAdcSum
Entries 84061

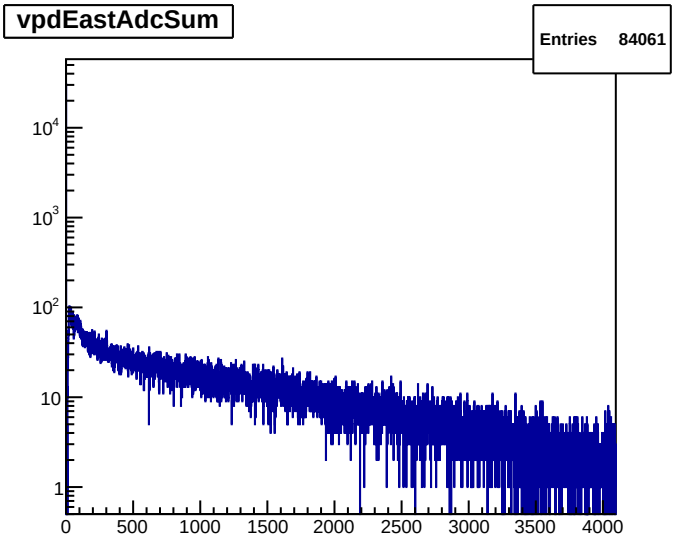

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

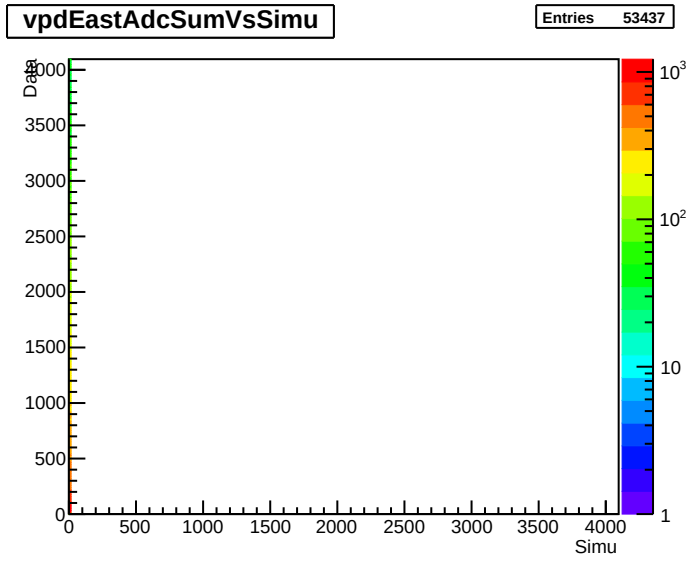

bbcSmallWestTacMax
Entries 84061

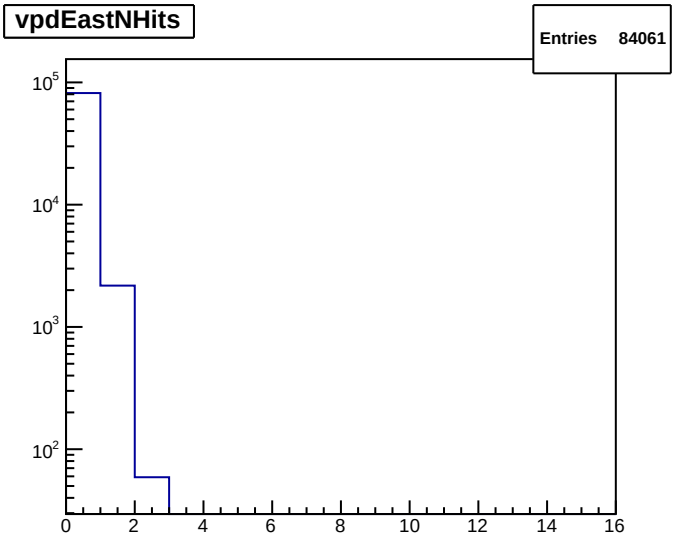

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

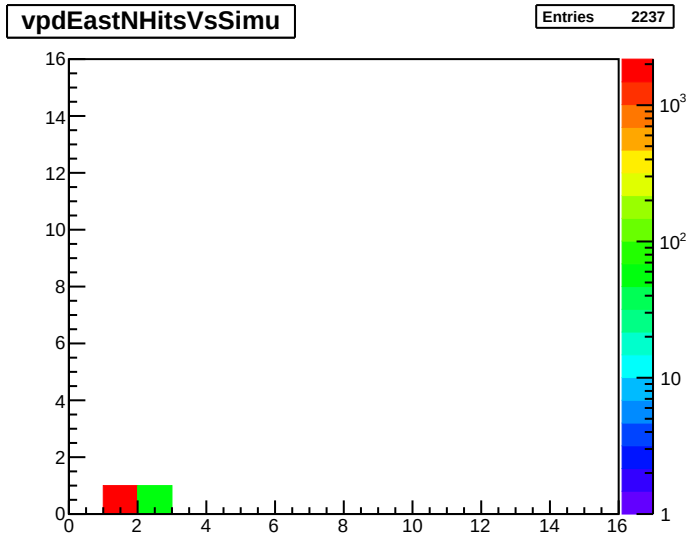

bbcLargeHit
Entries 168122
1
0
66095
66402
17966
17659
E-Hit
W-Hit

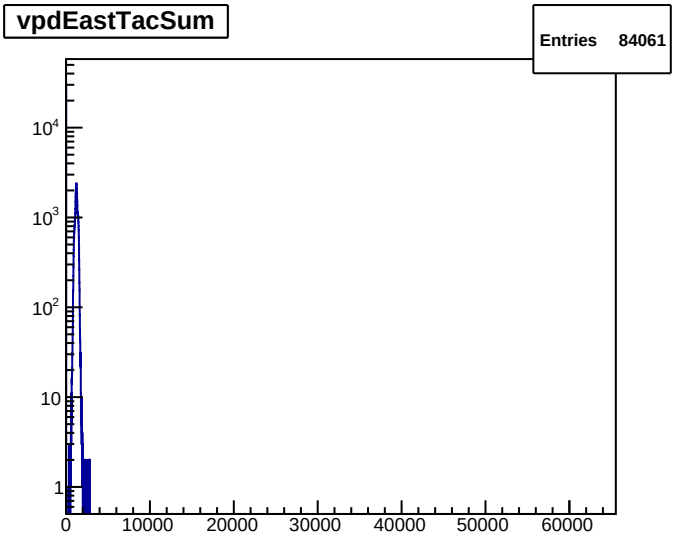

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

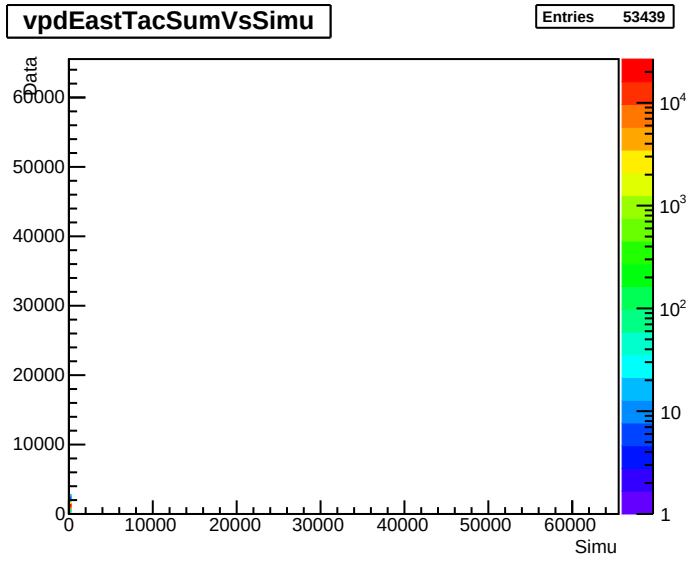

vpdEastAdcSum
Entries 84061

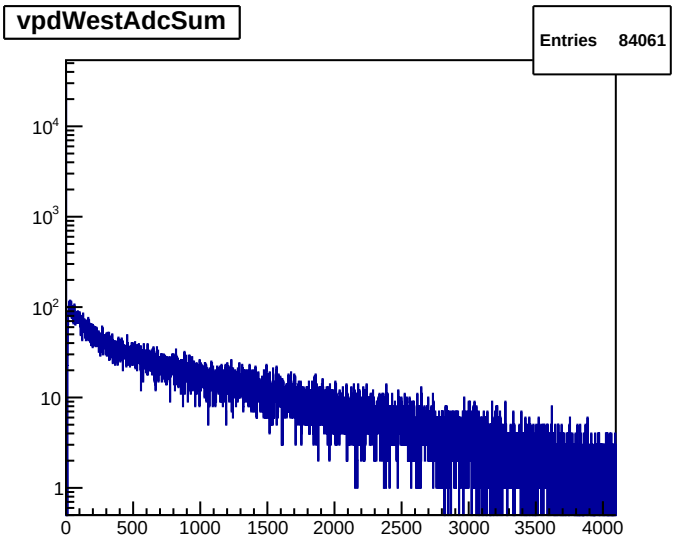

vpdEastAdcSumVsSimu
Entries 53437
Data
Simu

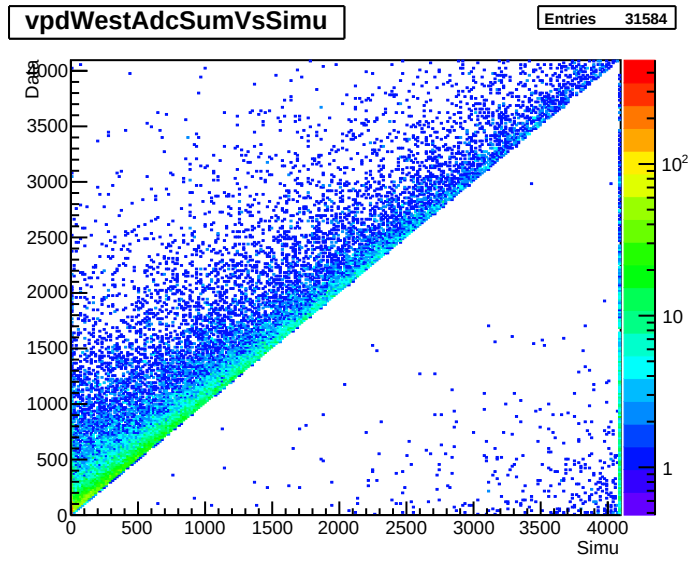

vpdEastNHits
Entries 84061

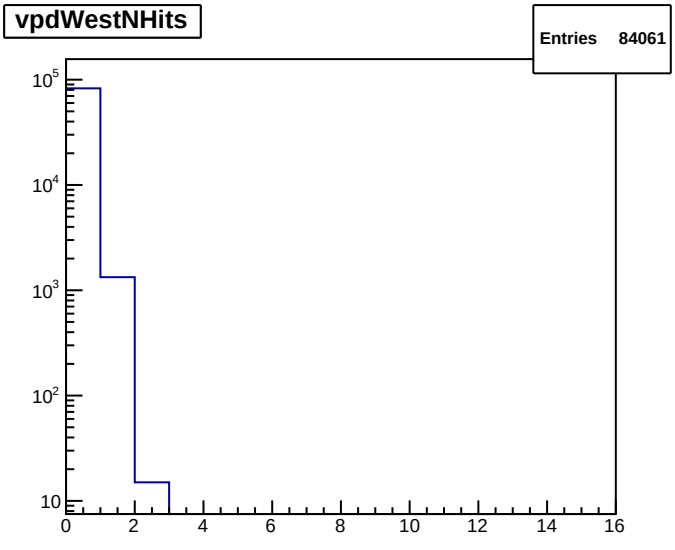

vpdEastNHitsVsSimu
Entries 2237

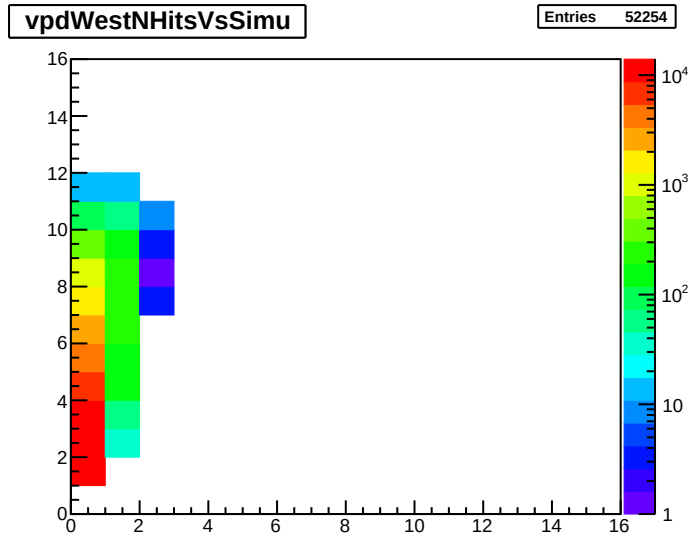

vpdEastTacSum
Entries 84061

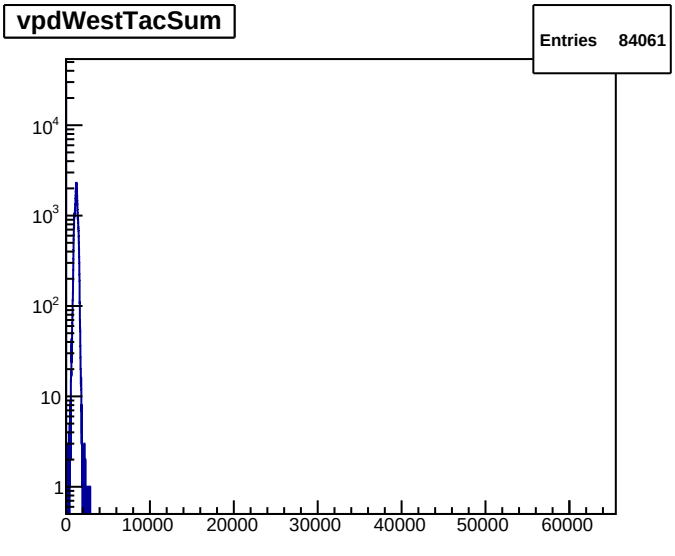

vpdEastTacSumVsSimu
Entries 53439
Data
Simu

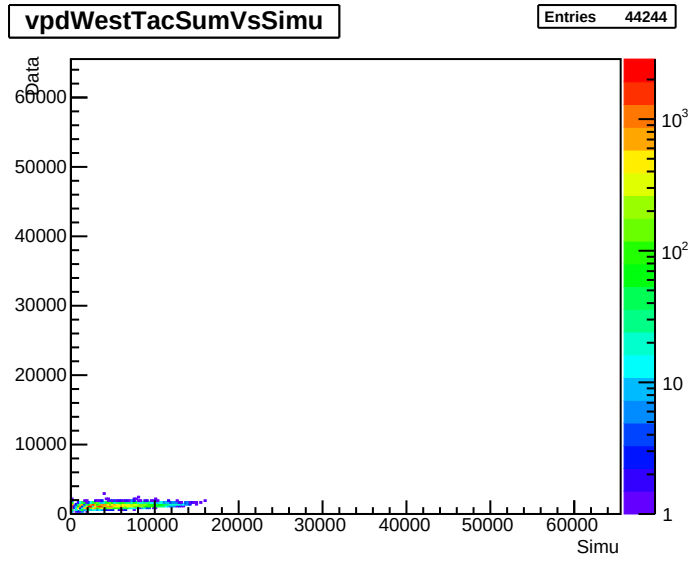

vpdWestAdcSum
Entries 84061

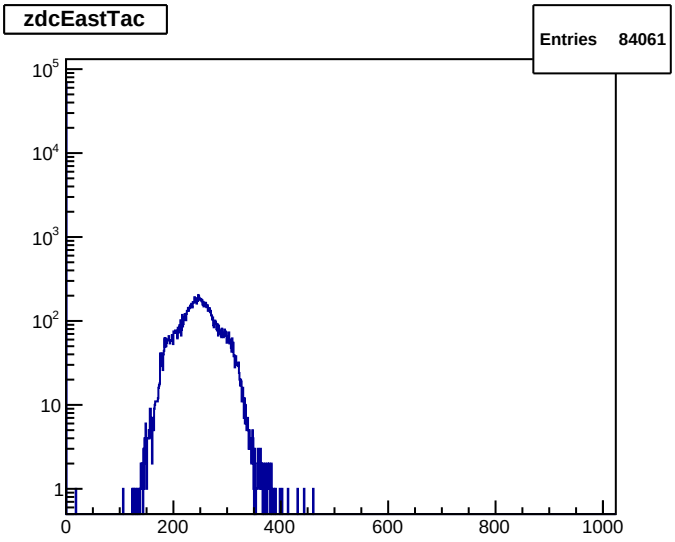

vpdWestAdcSumVsSimu
Entries 31584
Data
Simu

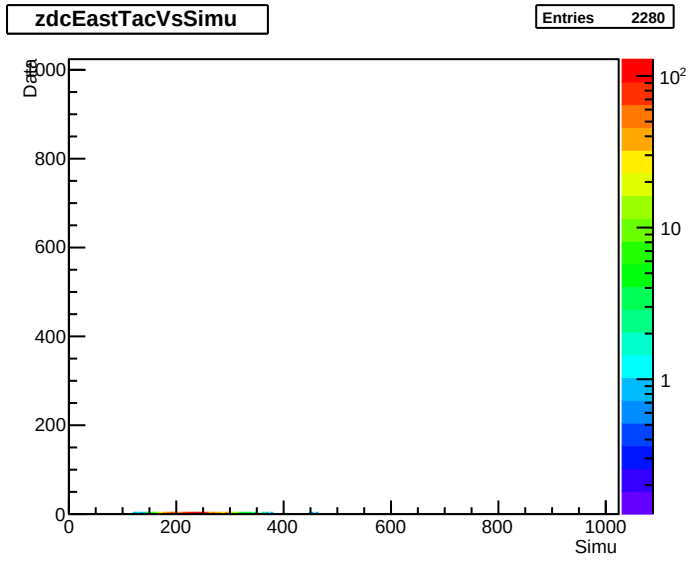

vpdWestNHits
Entries 84061

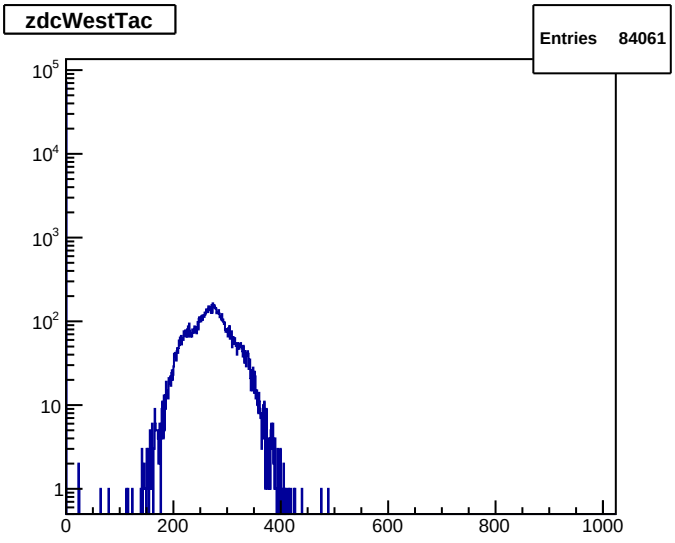

vpdWestNHitsVsSimu
Entries 52254

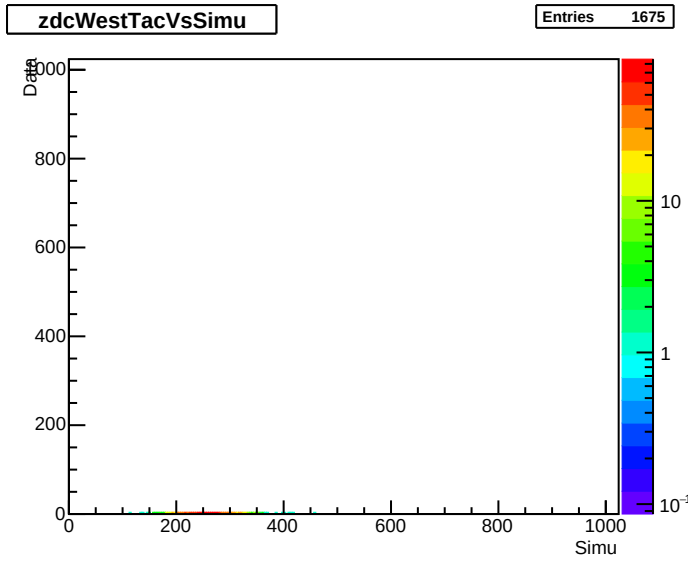

vpdWestTacSum
Entries 84061

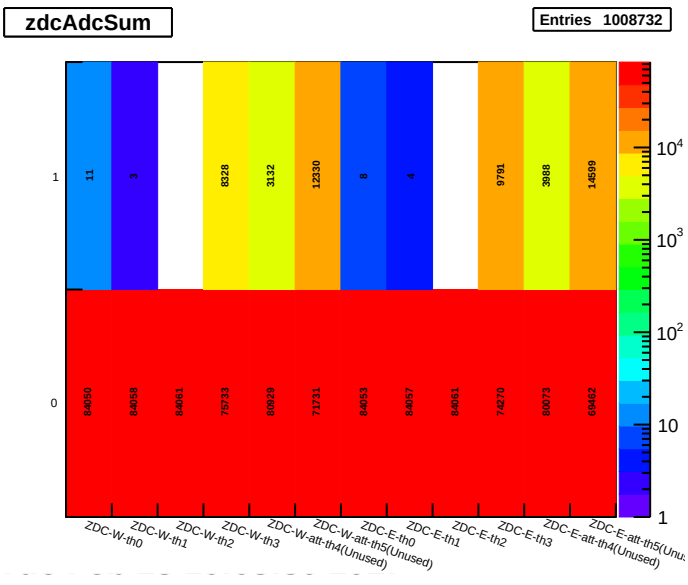

vpdWestTacSumVsSimu
Entries 44244
Data
Simu

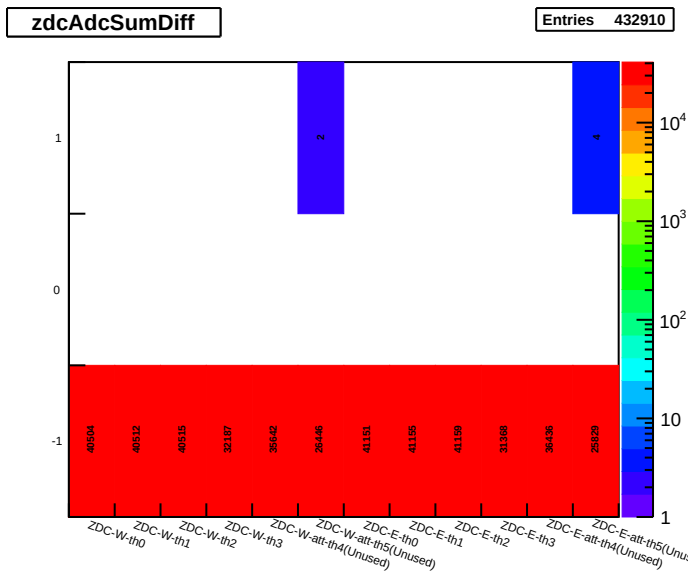

zdcEastTac
Entries 84061

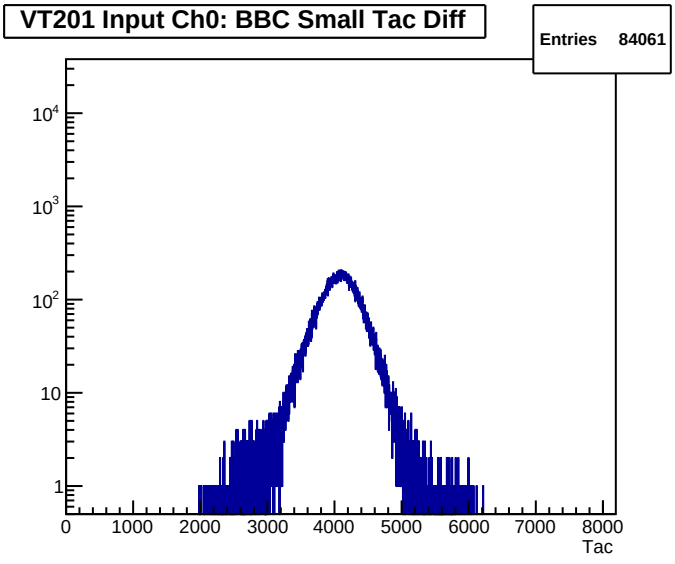

zdcEastTacVsSimu
Entries 2280
Data
Simu

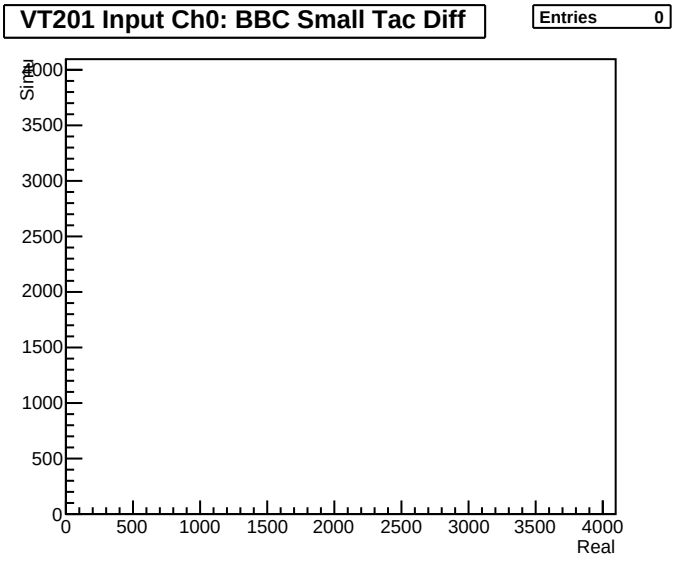

zdcWestTac
Entries 84061

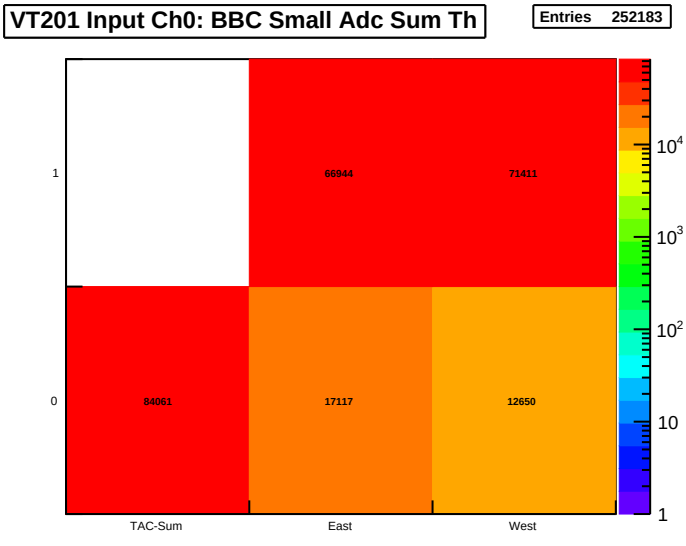

zdcWestTacVsSimu
Entries 1675
Data
Simu

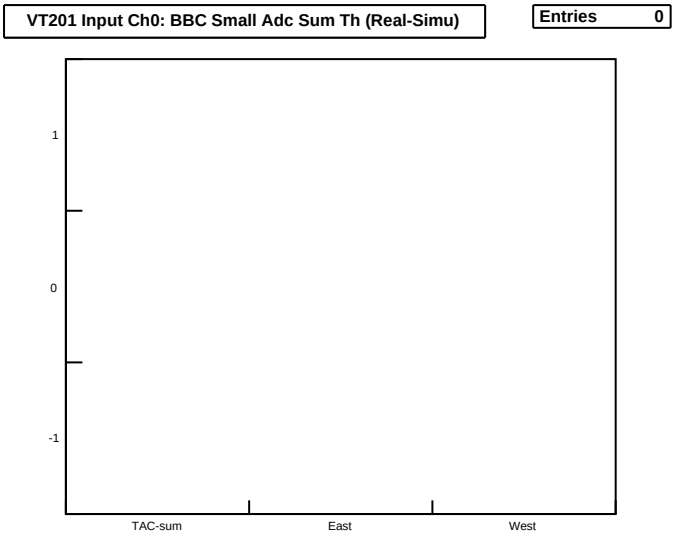

zdcAdcSum
Entries 1008732
11
3
8328
3132
12330
8
4
9791
3988
14599
84050
84058
84061
75733
80829
71731
84053
84057
84061
74270
80073
69462
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

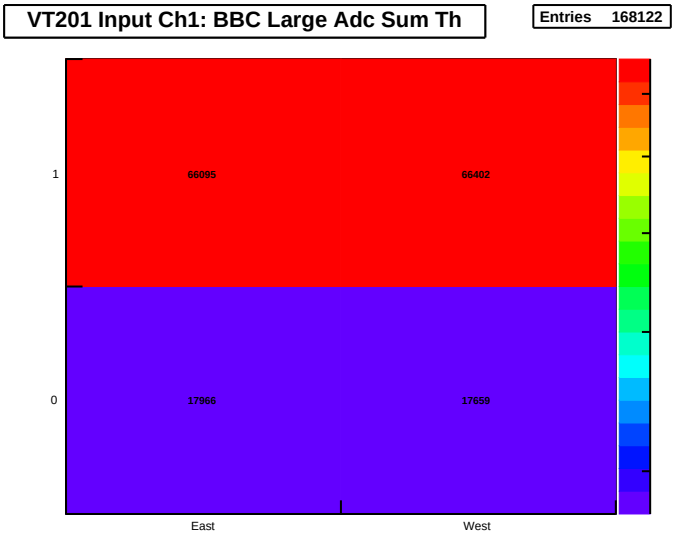

zdcAdcSumDiff
Entries 432910
2
4
40504
40512
40515
32187
35642
26446
41151
41155
41159
31368
36436
25829
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

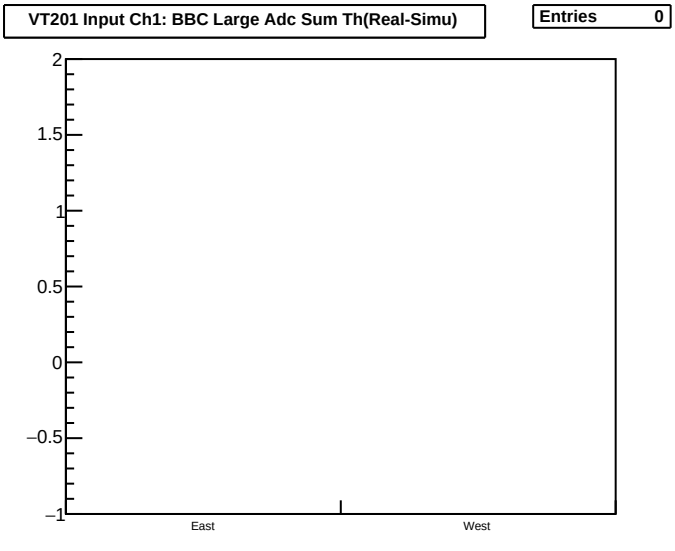

VT201 Input Ch0: BBC Small Tac Diff
Entries 84061
Tac


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

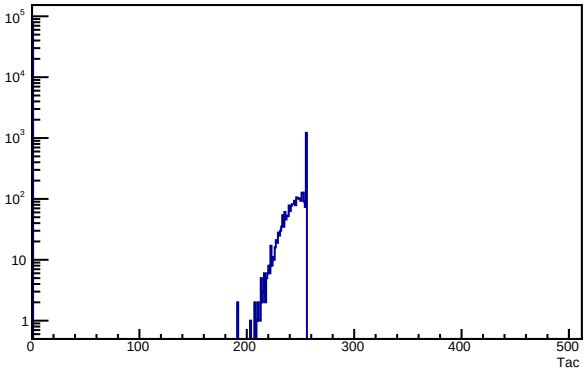

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 252183
66944
71411
84061
17117
12650
TAC-Sum
East
West


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

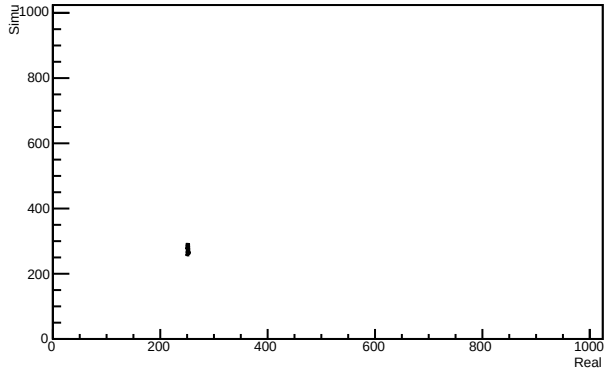

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 168122
66095
66402
17966
17659
East
West


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

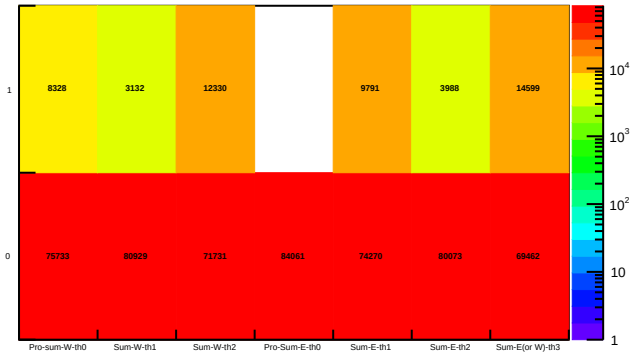
VT201 Input Ch2: ZDC Tac Diff



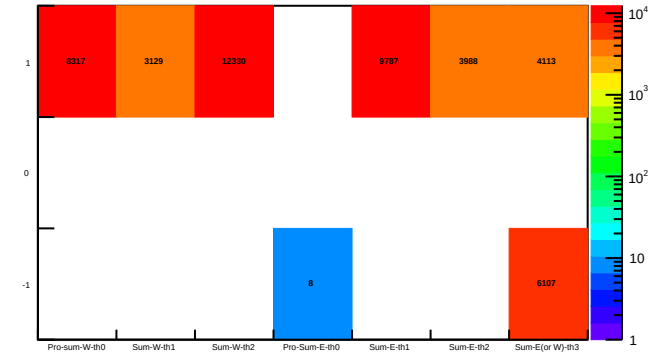
VT201 Input Ch2: ZDC Tac Diff



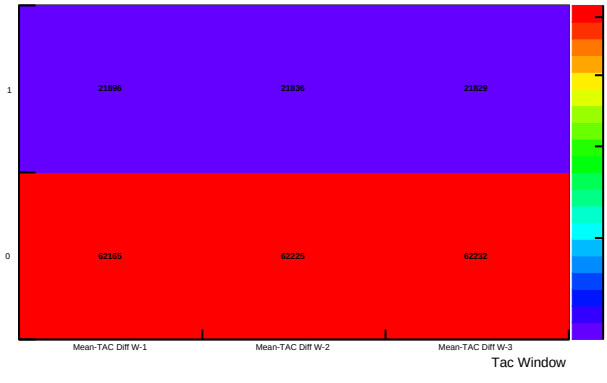
VT201 Input Ch2: ZDC Adc Sum Th



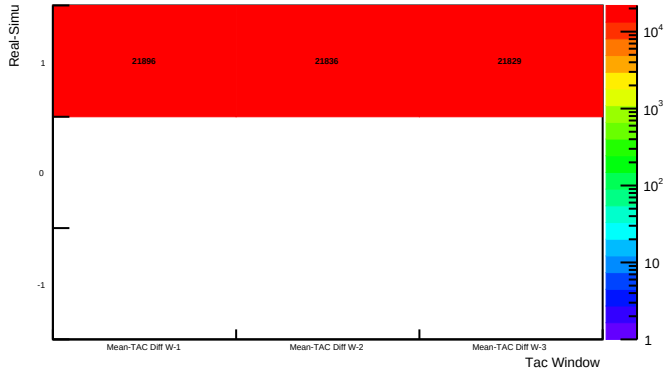
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



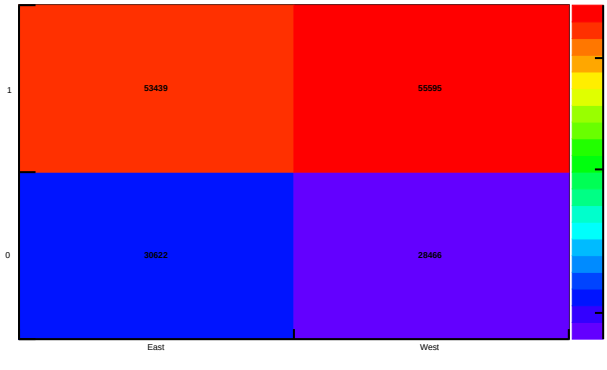
VT201 Input Ch4: VPD Tac Diff



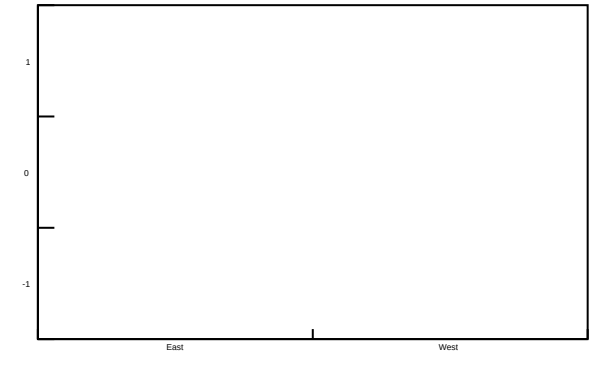
VT201 Input Ch4: VPD Tac Diff

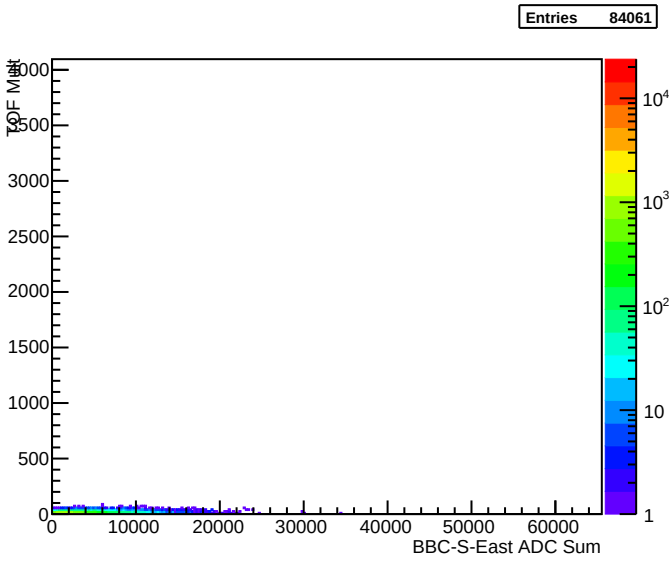


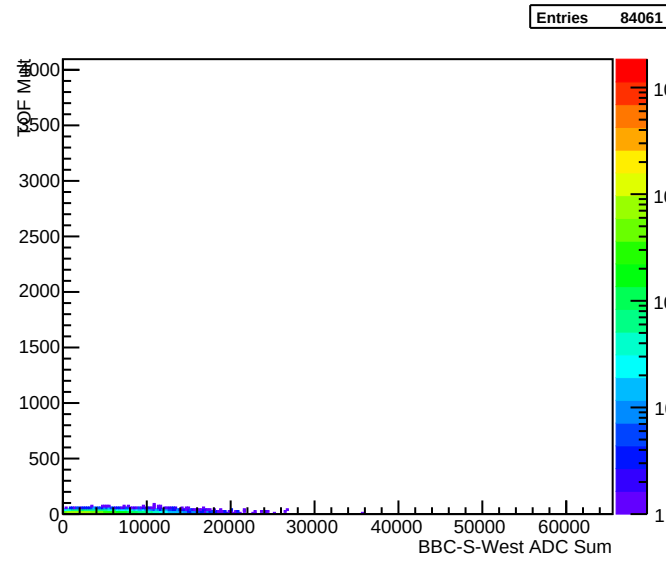
VT201 Input Ch4: VPD Adc Sum Th

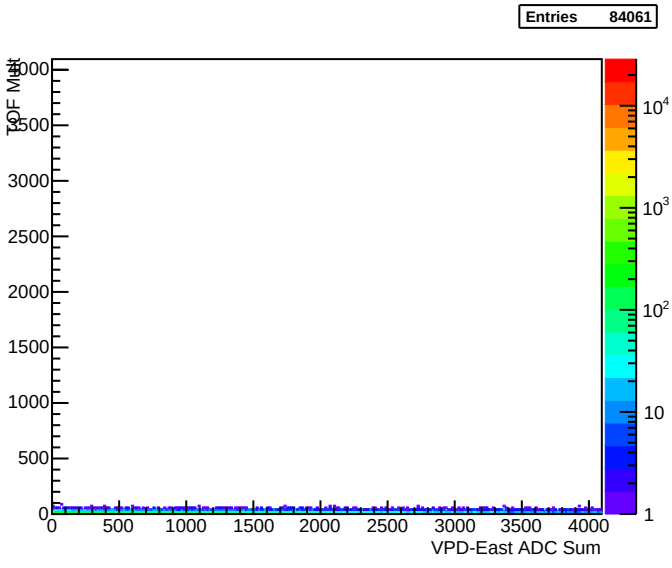


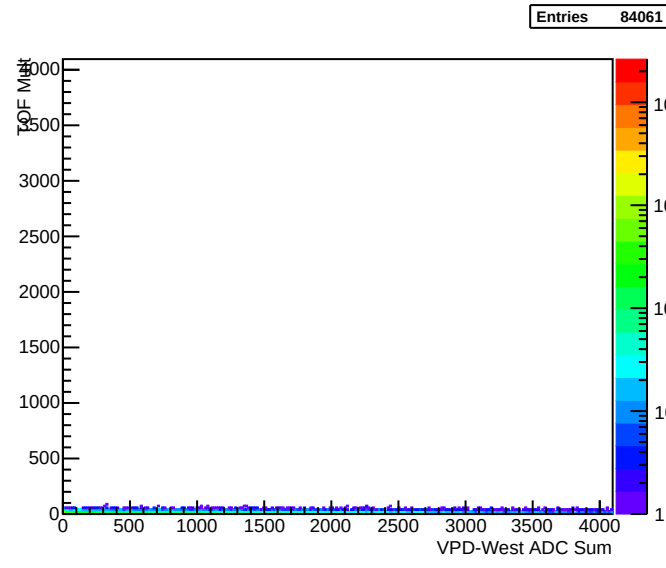
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

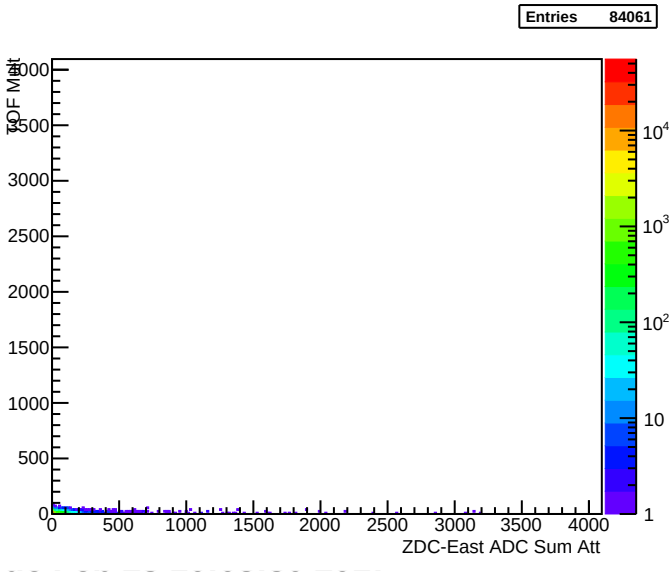


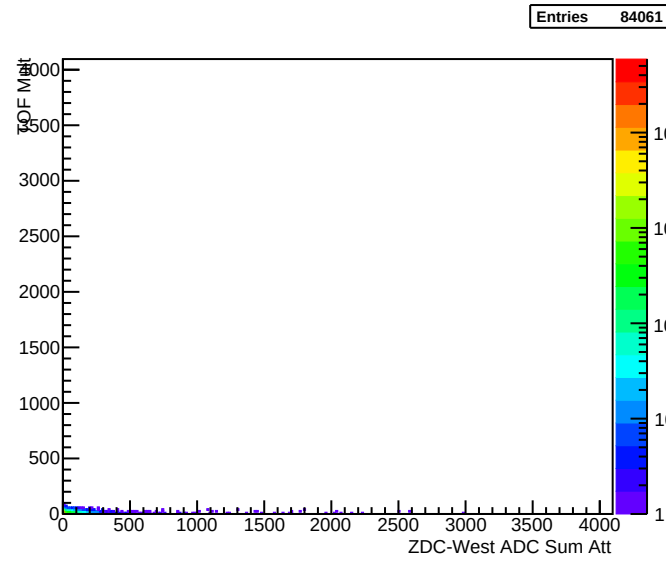

Entries 84061
TOF Mult
BBC-S-East ADC Sum

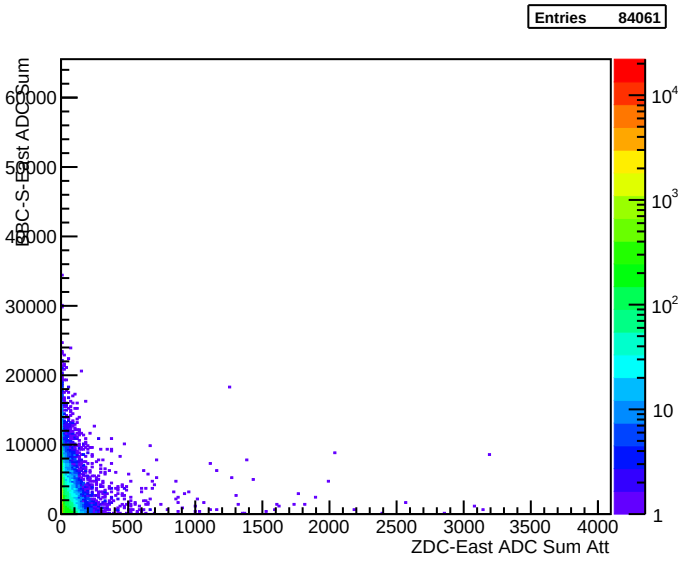

Entries 84061
TOF Mult
BBC-S-West ADC Sum

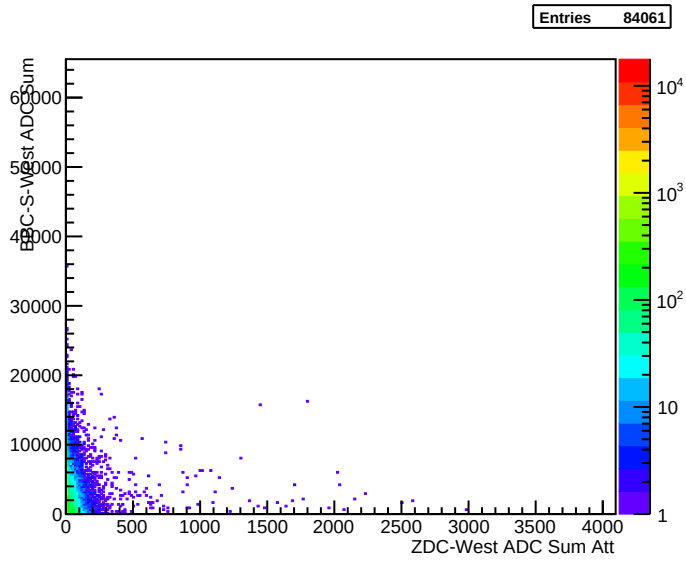

Entries 84061
TOF Mult
VPD-East ADC Sum

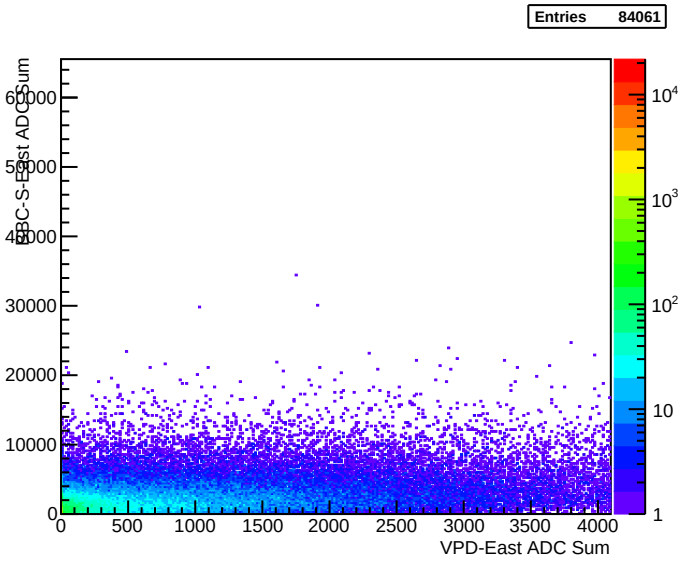

Entries 84061
TOF Mult
VPD-West ADC Sum

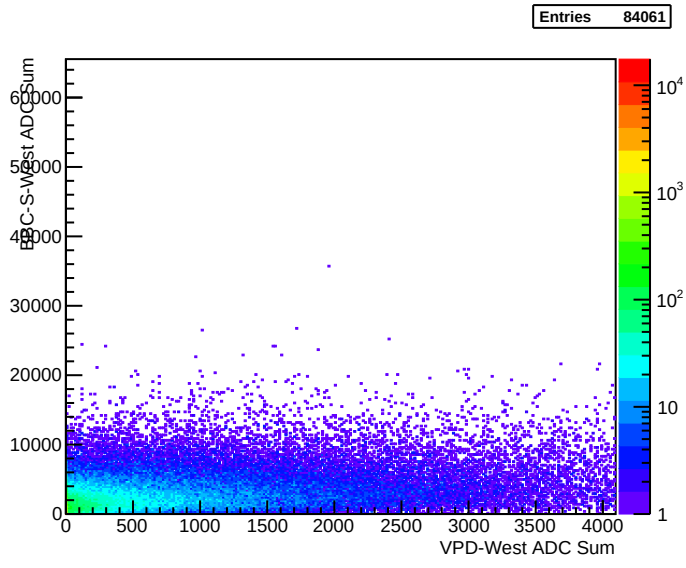

Entries 84061
TOF Mult
ZDC-East ADC Sum Att

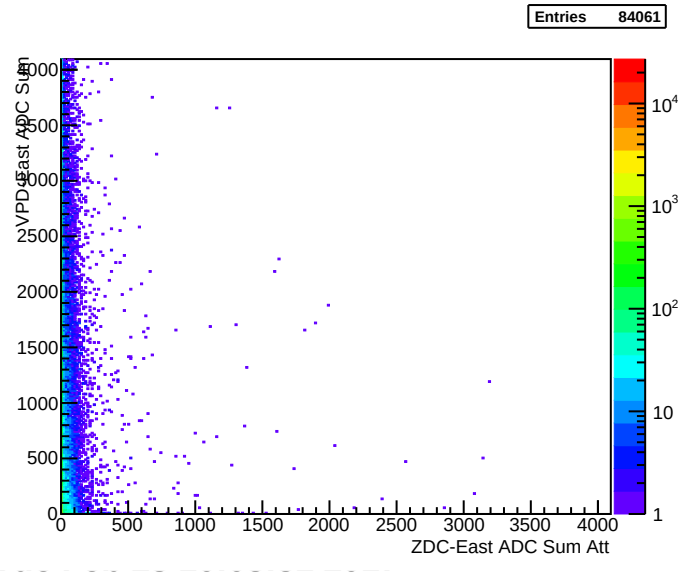

Entries 84061
TOF Mult
ZDC-West ADC Sum Att

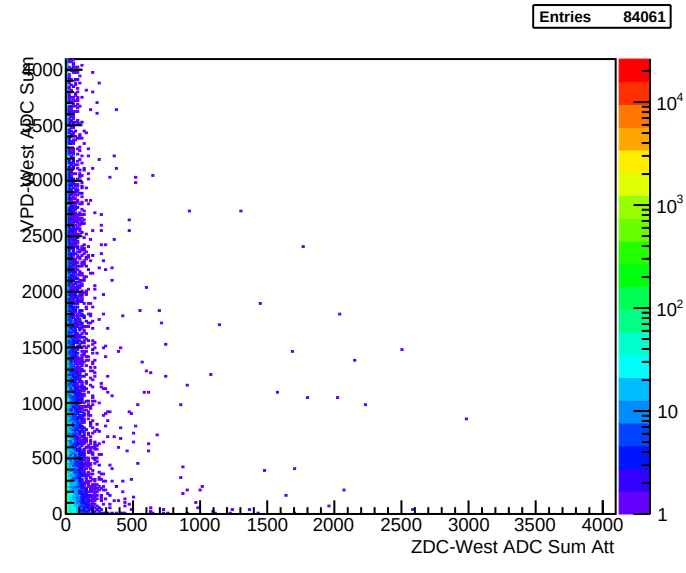

Entries 84061
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

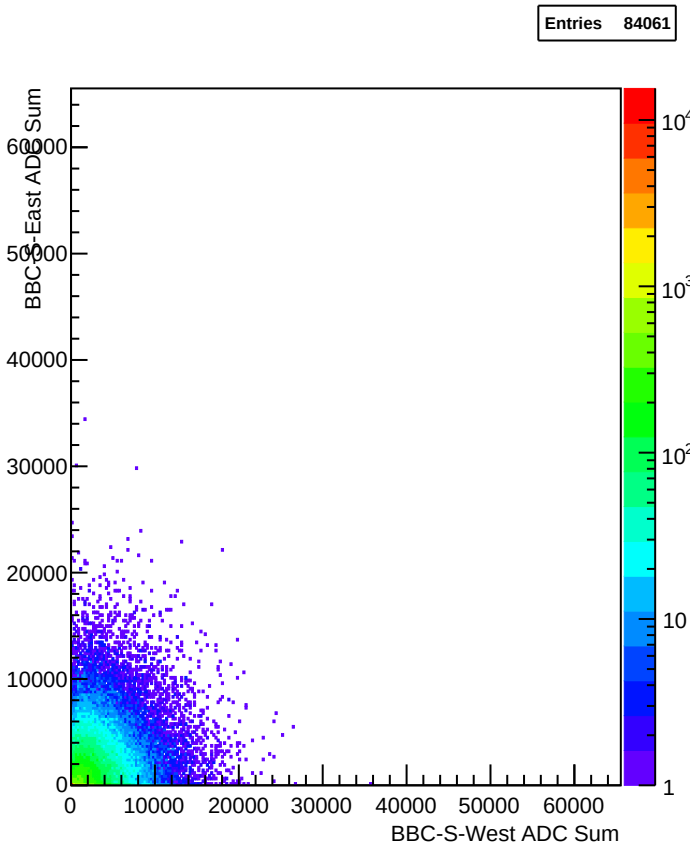

Entries 84061
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

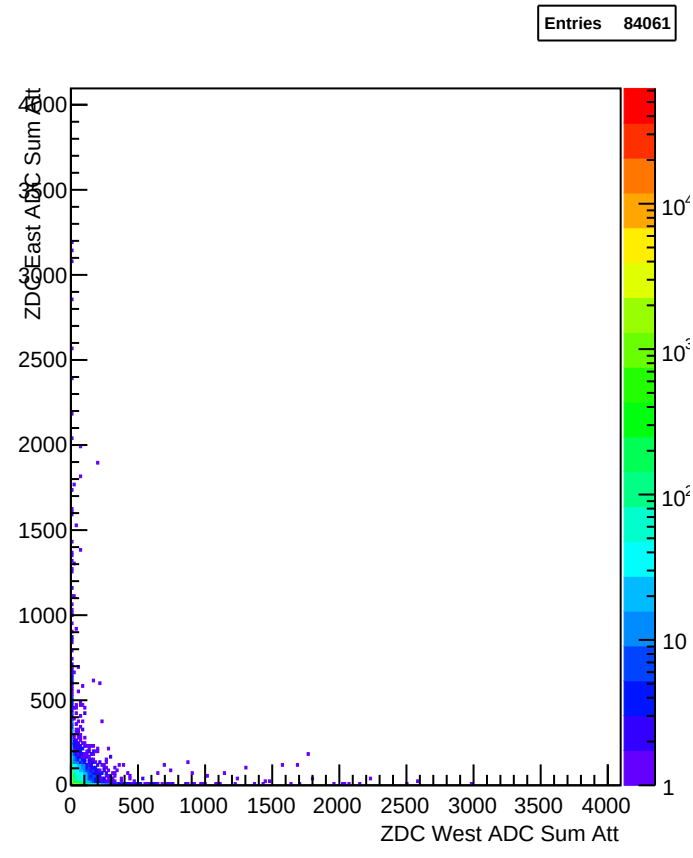

Entries 84061
BBC-S-East ADC Sum
VPD-East ADC Sum

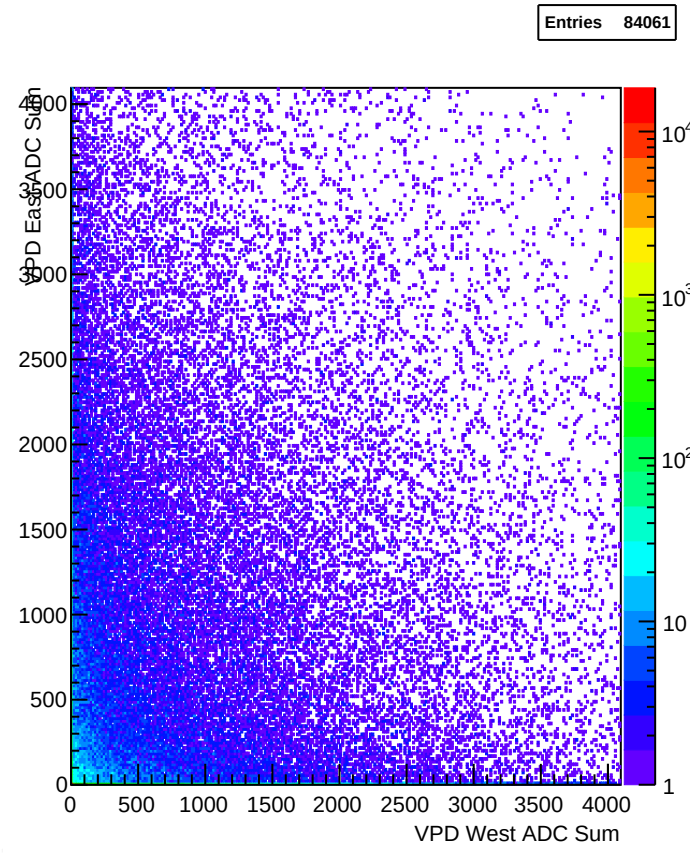

Entries 84061
BBC-S-West ADC Sum
VPD-West ADC Sum

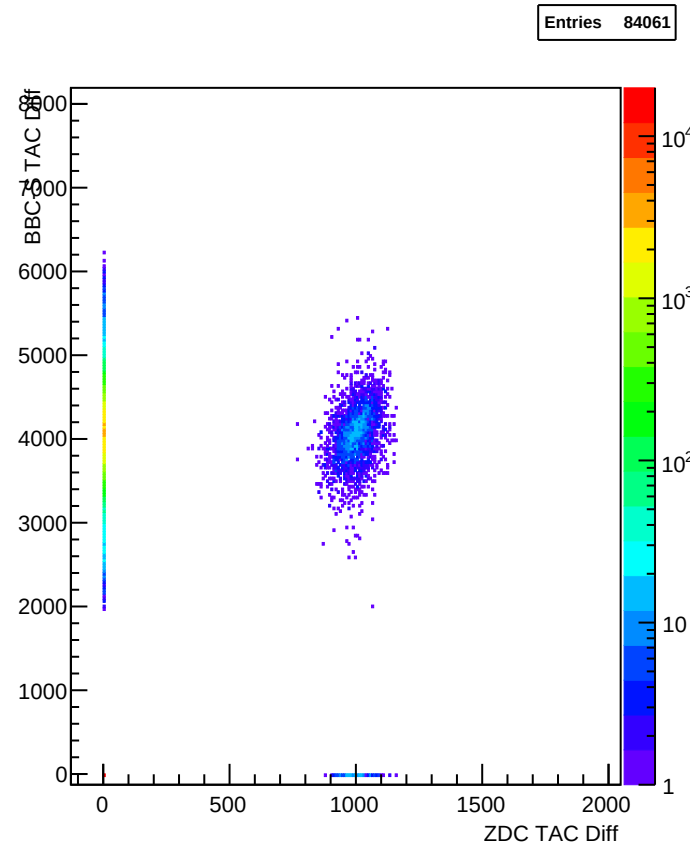

Entries 84061
VPD-East ADC Sum
ZDC-East ADC Sum Att

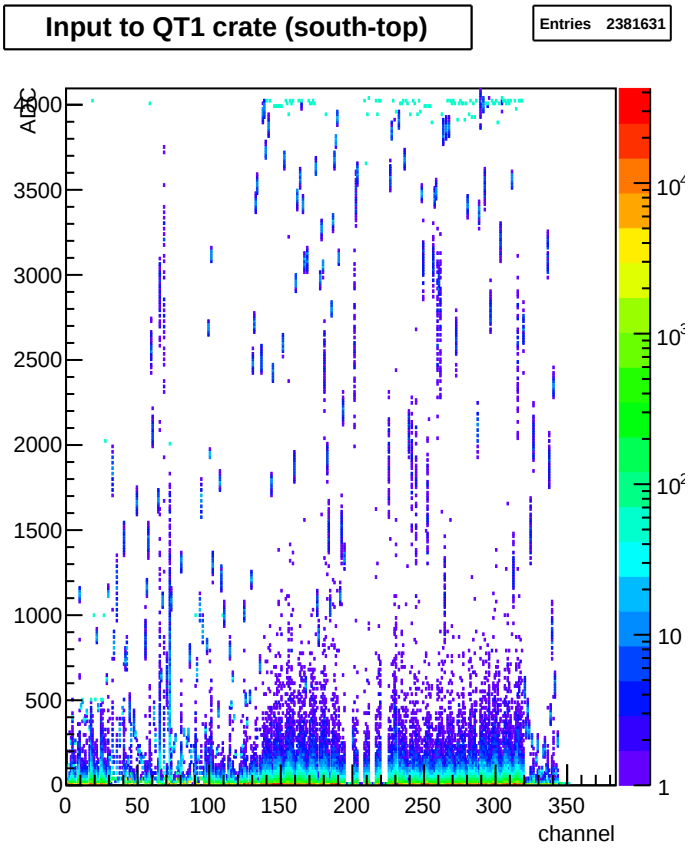

Entries 84061
VPD-West ADC Sum
ZDC-West ADC Sum Att

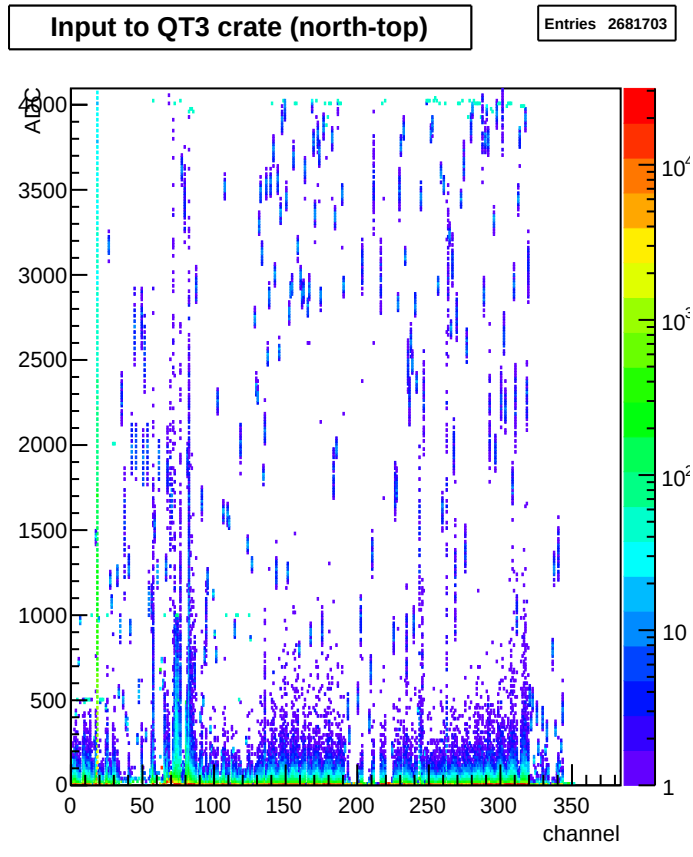

Entries 84061
BBC-S-East ADC Sum
BBC-S-West ADC Sum

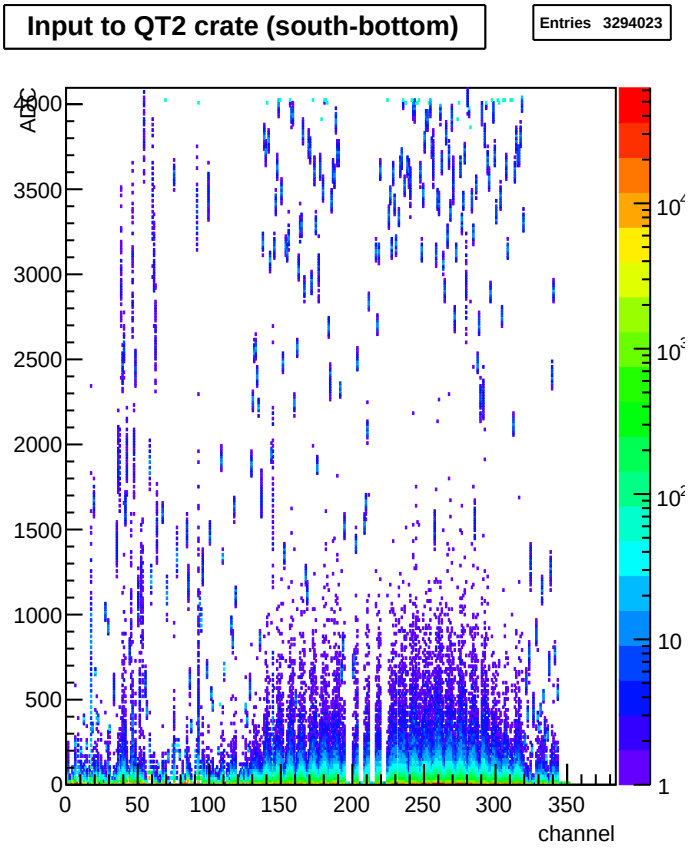

Entries 84061
ZDC East ADC Sum Att
ZDC West ADC Sum Att

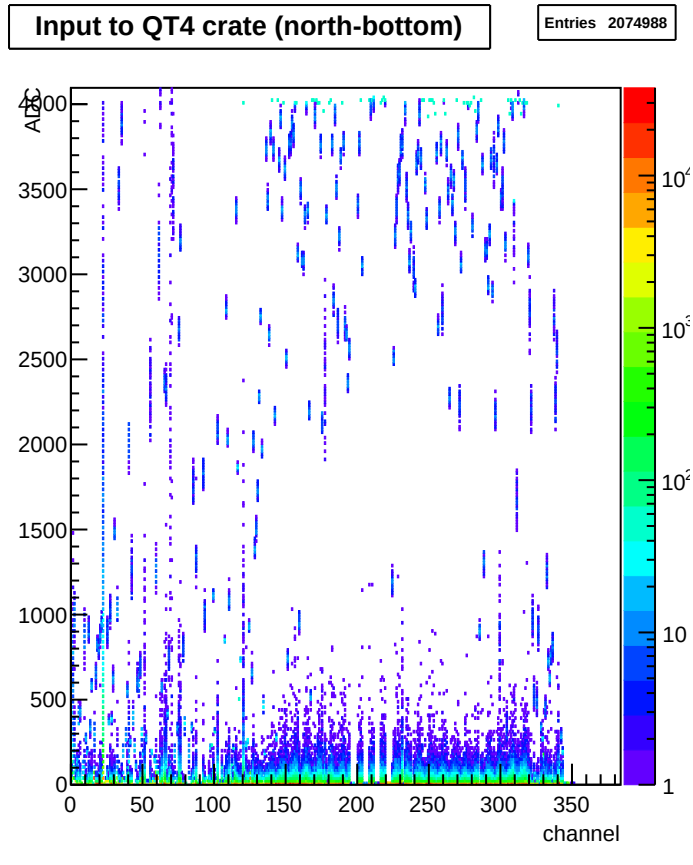

Entries 84061
VPD East ADC Sum
VPD West ADC Sum

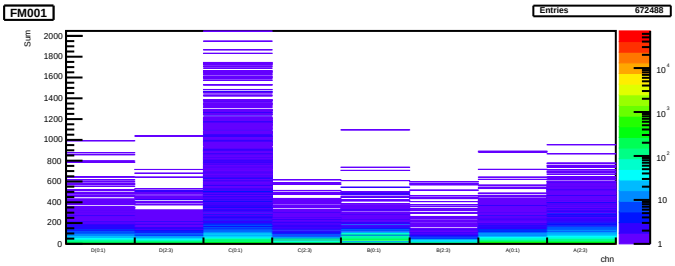

Entries 84061
BBC-S TAC Diff
ZDC TAC Diff

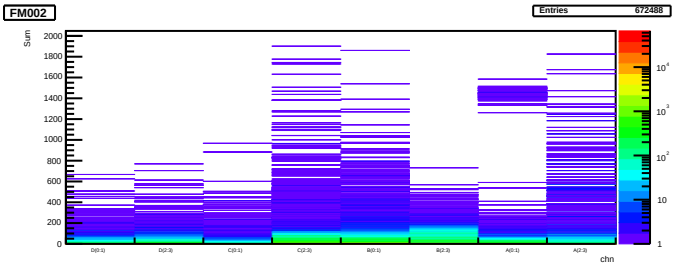

Input to QT1 crate (south-top)
Entries 2381631
ADC
channel

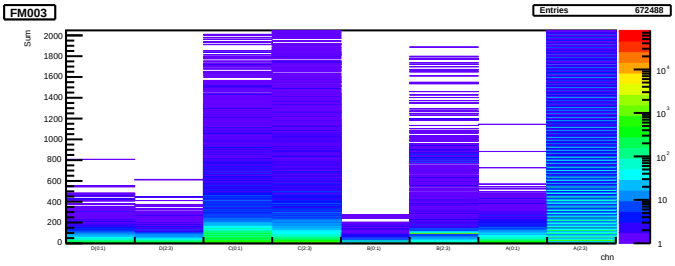

Input to QT3 crate (north-top)
Entries 2681703
ADC
channel

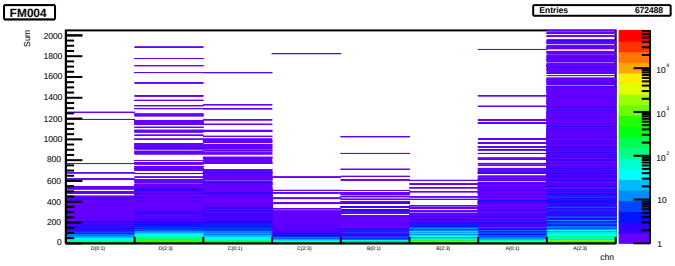

Input to QT2 crate (south-bottom)
Entries 3294023
ADC
channel

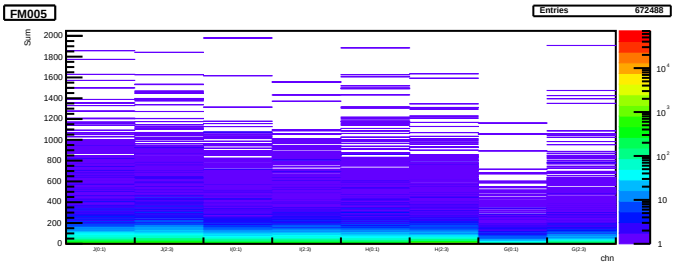

Input to QT4 crate (north-bottom)
Entries 2074988
ADC
channel

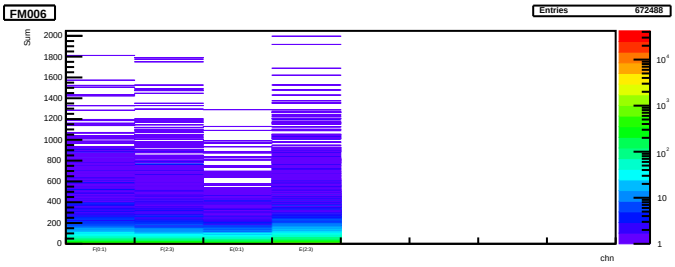

FM001
Entries 672488
Sum
chn

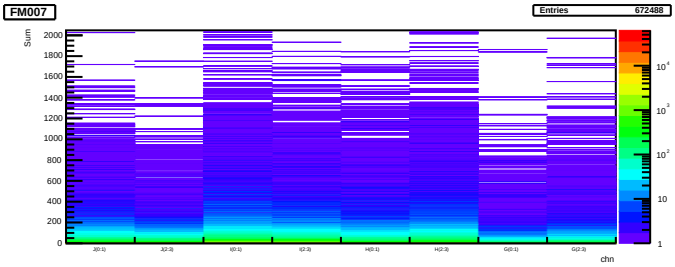

FM002
Entries 672488
Sum
chn

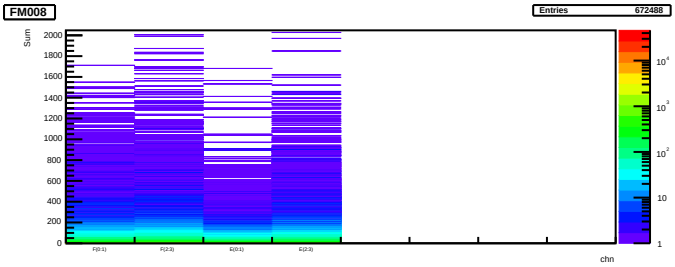

FM003
Entries 672488
Sum
chn

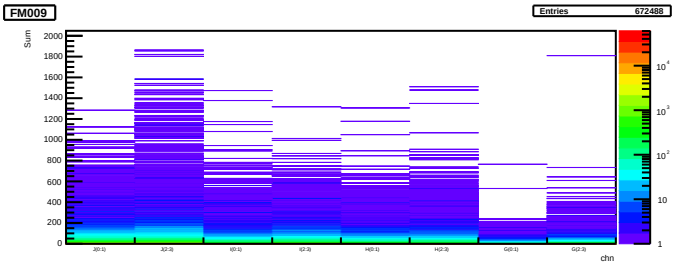

FM004
Entries 672488
Sum
chn

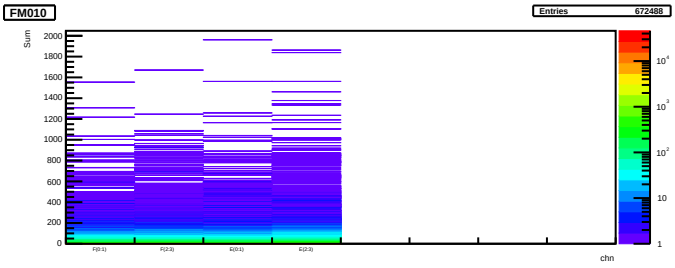

FM005
Entries 672488
Sum
chn

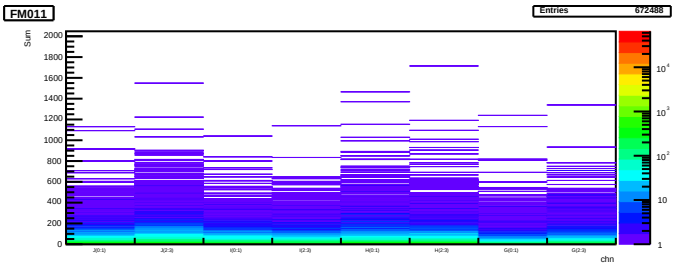

FM006
Entries 672488
Sum
chn

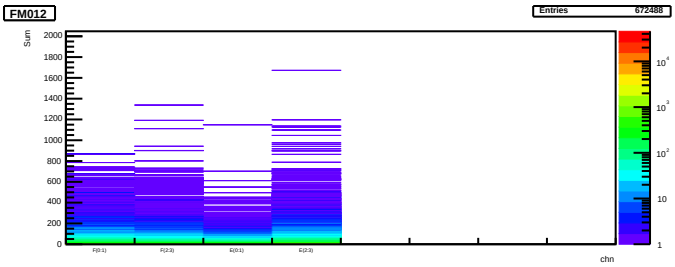

FM007
Entries 672488
Sum
chn

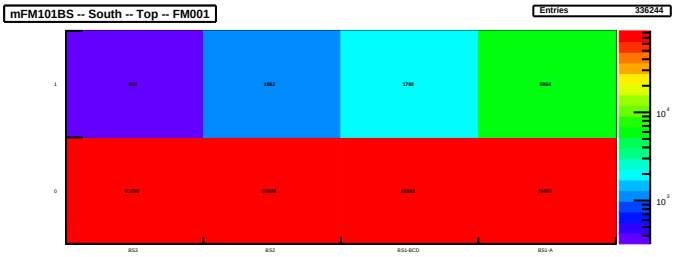

FM008
Entries 672488
Sum
chn

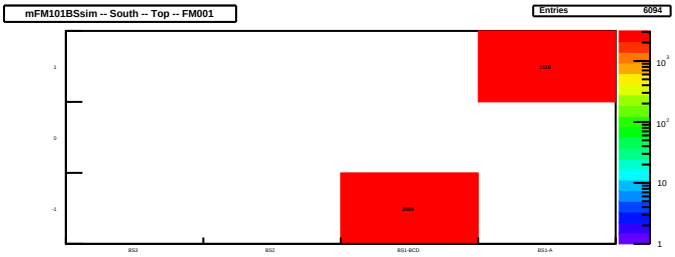

FM009
Entries 672488
Sum
chn

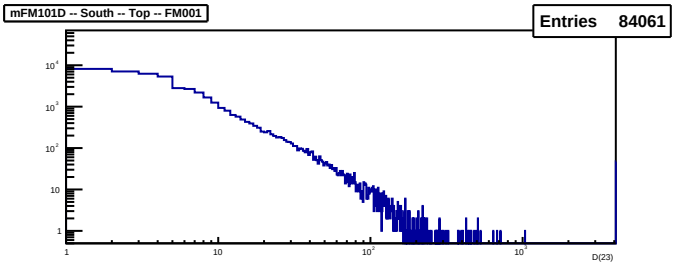

FM010
Entries 672488
Sum
chn

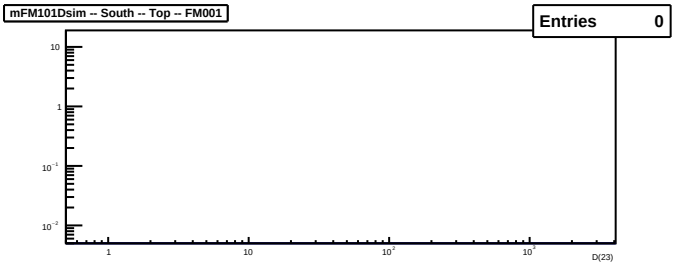

FM011
Entries 672488
Sum
chn

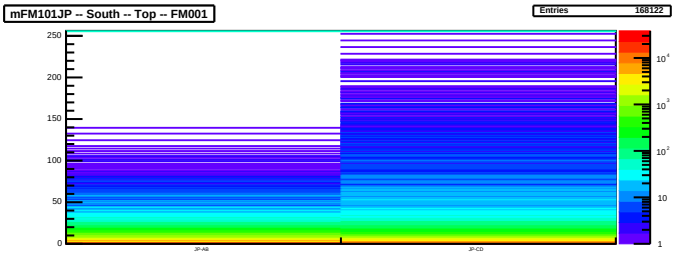

FM012
Entries 672488
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 336244
BS3
BS2
BS1-BCD
BS1-A

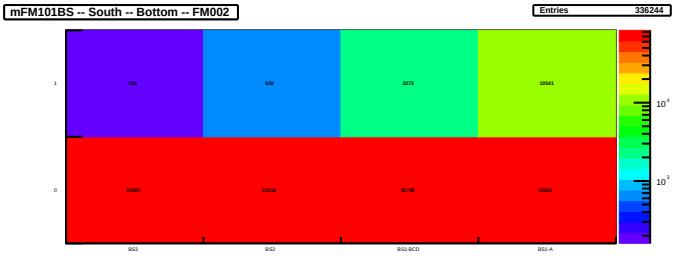

mFM101BSsim -- South -- Top -- FM001
Entries 6094
BS3
BS2
BS1-BCD
BS1-A

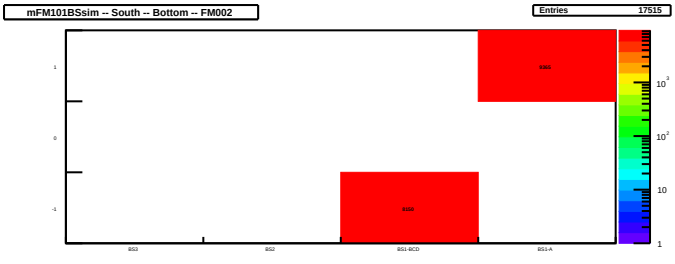

mFM101D -- South -- Top -- FM001
Entries 84061
D(23)

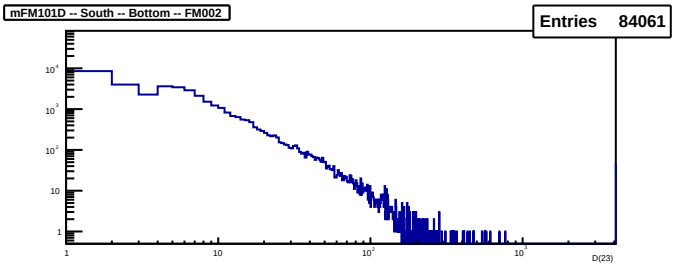

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

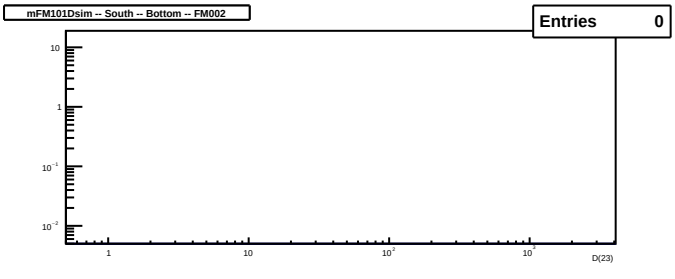

mFM101JP -- South -- Top -- FM001
Entries 168122
JP-AB
JP-CD

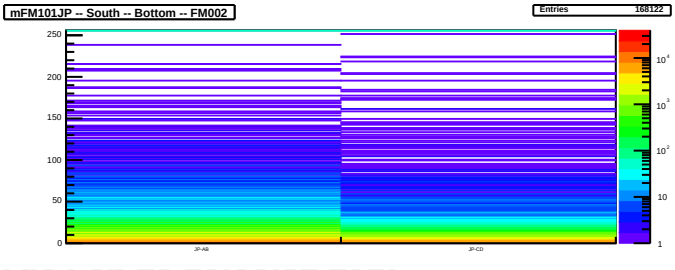
mFM101JPsim -- South -- Top -- FM001
Entries 0
JP-AB
JP-CD

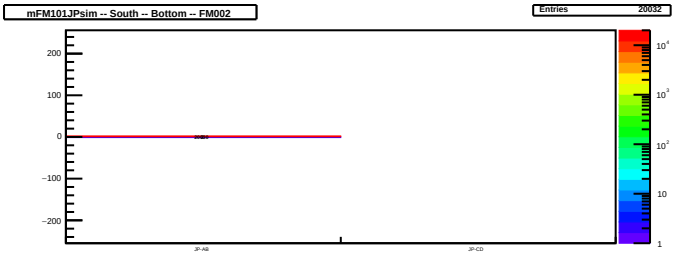

mFM101BS -- South -- Bottom -- FM002
Entries 336244
BS3
BS2
BS1-BCD
BS1-A

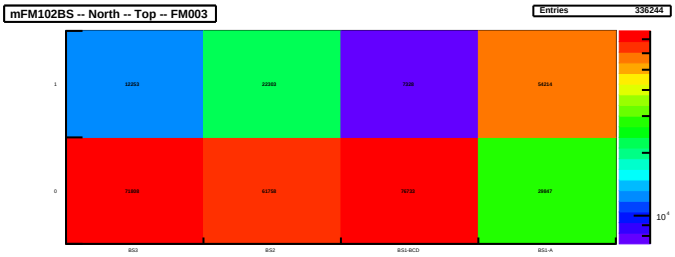

mFM101BSsim -- South -- Bottom -- FM002
Entries 17515
BS3
BS2
BS1-BCD
BS1-A

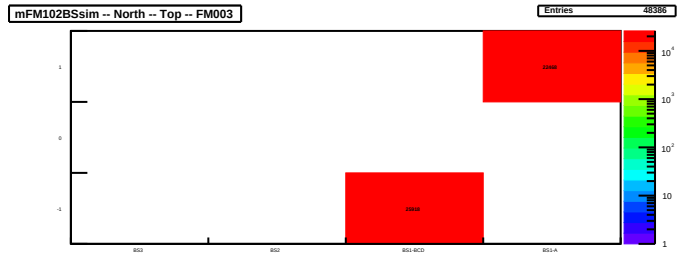

mFM101D -- South -- Bottom -- FM002
Entries 84061
D(23)

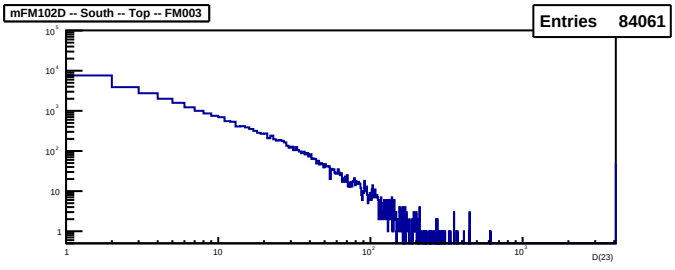

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

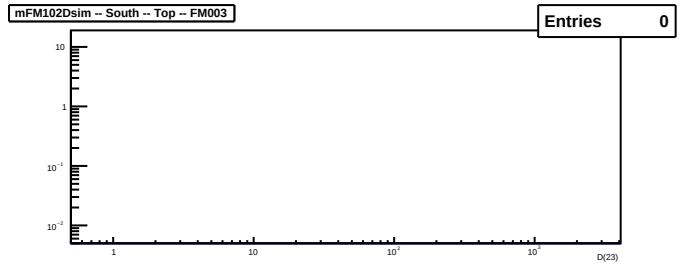

mFM101JP -- South -- Bottom -- FM002
Entries 168122
JP-AB
JP-CD

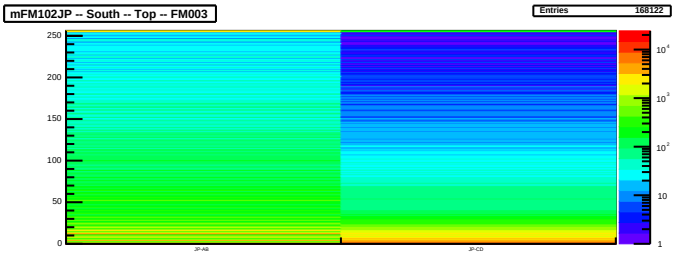

mFM101JPsim -- South -- Bottom -- FM002
Entries 20032
JP-AB
JP-CD

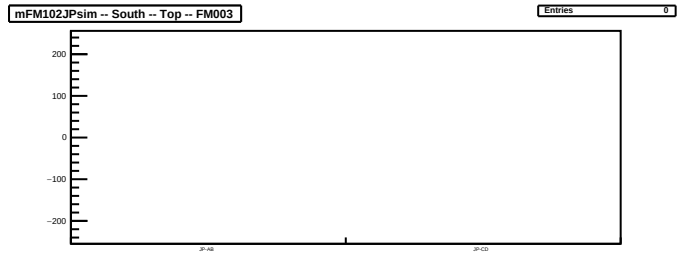

mFM102BS -- North -- Top -- FM003
Entries 336244
12263
22283
7325
54314
71806
61758
76723
26847
BS3
BS2
BS1-BCD
BS1-A

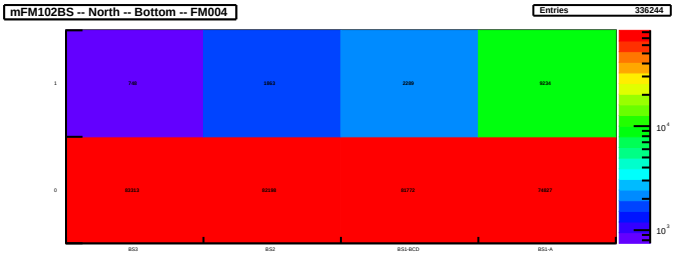

mFM102BSsim -- North -- Top -- FM003
Entries 48386
23468
25918
BS3
BS2
BS1-BCD
BS1-A

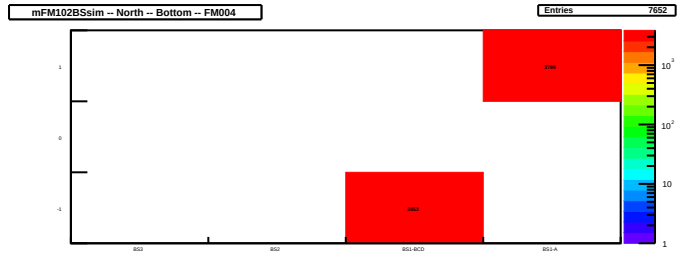

mFM102D -- South -- Top -- FM003
Entries 84061
D(23)


mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 168122
JP-AB
JP-CD


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


mFM102BS -- North -- Bottom -- FM004
Entries 336244
746
1863
3280
8234
63313
62198
62772
74827
BS3
BS2
BS1-BCD
BS1-A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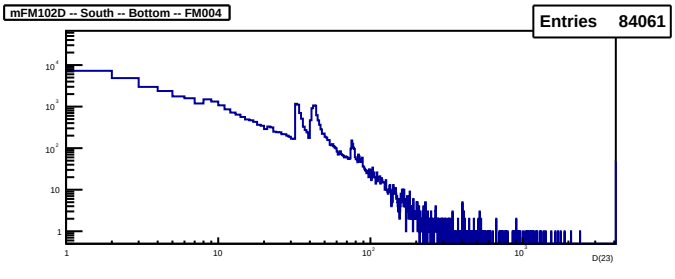
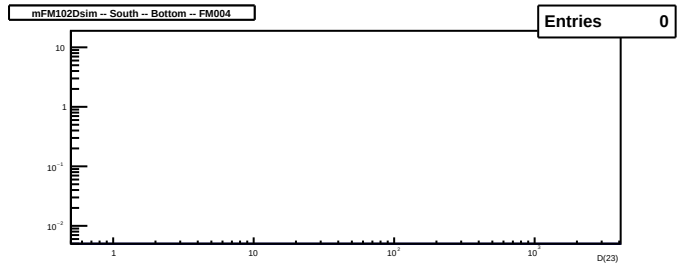
Entries 7652
3769
3883
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 84061
D(23)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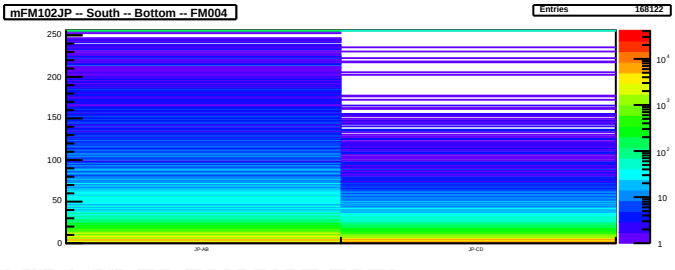
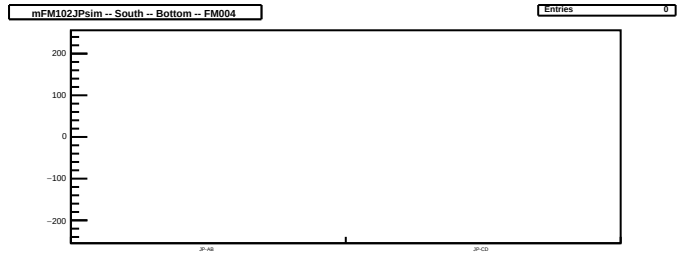
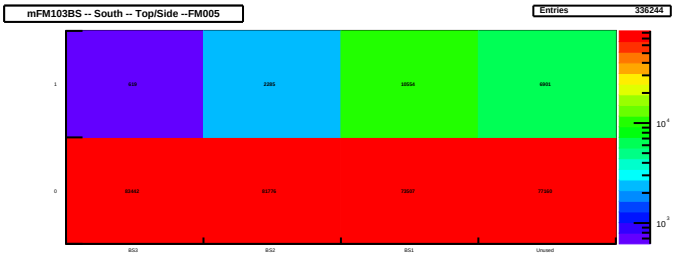
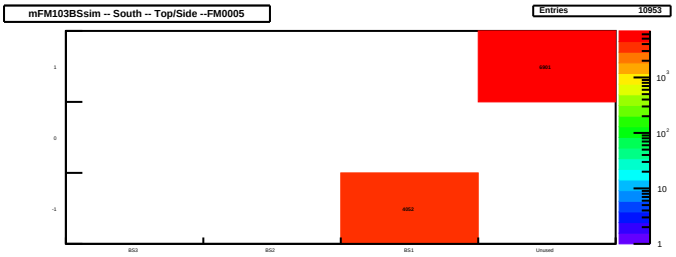
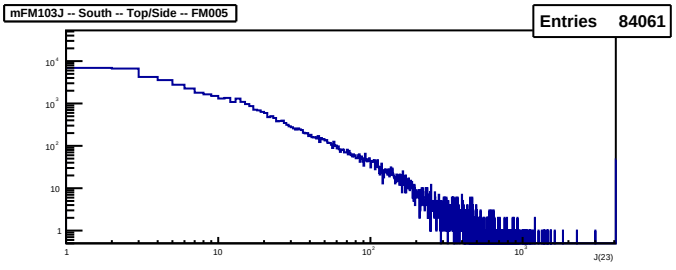
Entries 0
D(23)

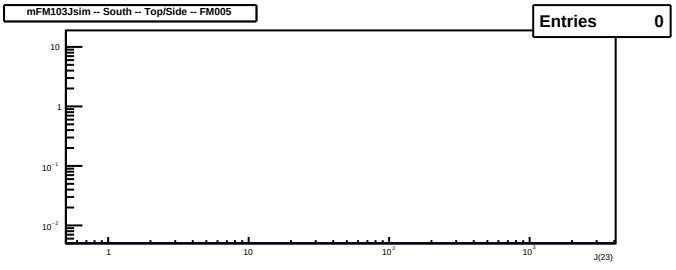

mFM102JP -- South -- Bottom -- FM004
Entries 168122
JP-AB
JP-CD

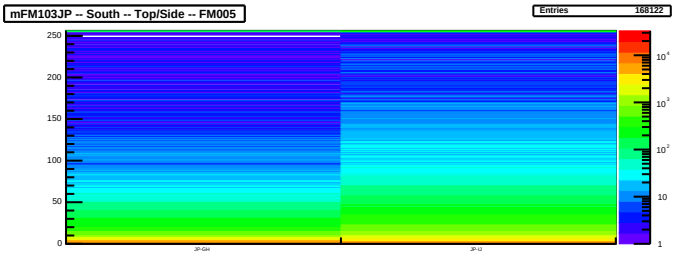

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

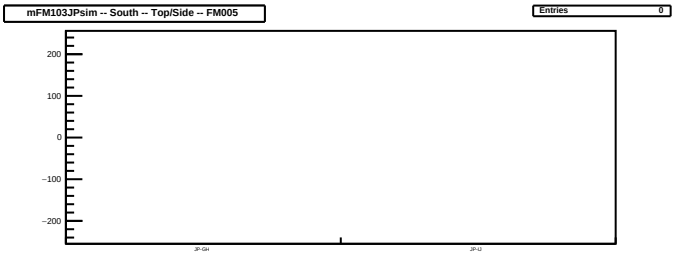

mFM103BS -- South -- Top/Side --FM005
Entries 336244

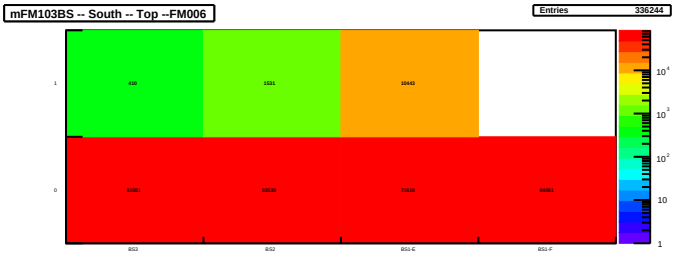

mFM103BSsim -- South -- Top/Side --FM0005
Entries 10953

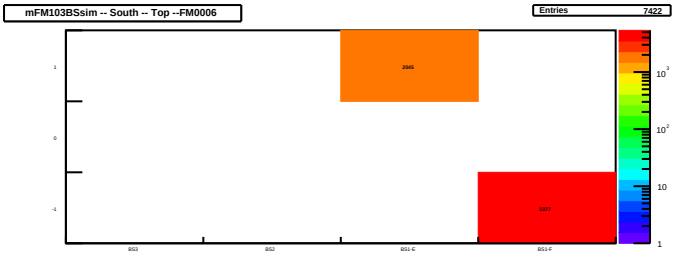

mFM103J -- South -- Top/Side -- FM005
Entries 84061
J(23)

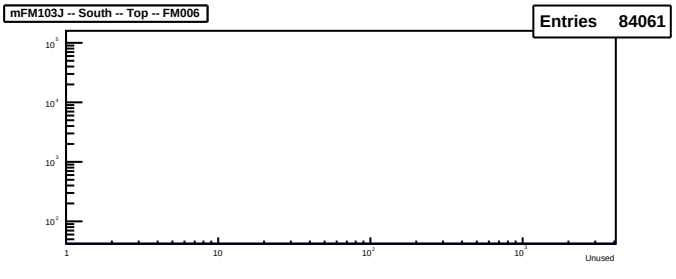

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

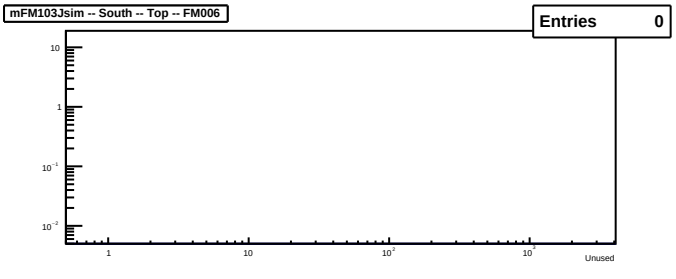

mFM103JP -- South -- Top/Side -- FM005
Entries 168122

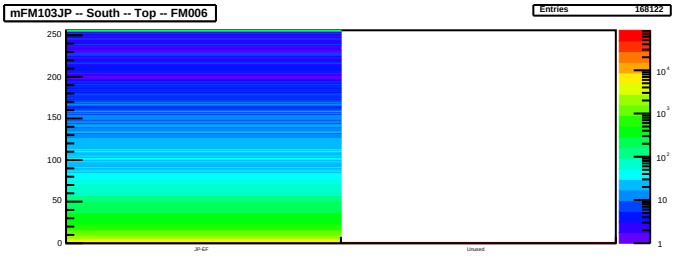

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0

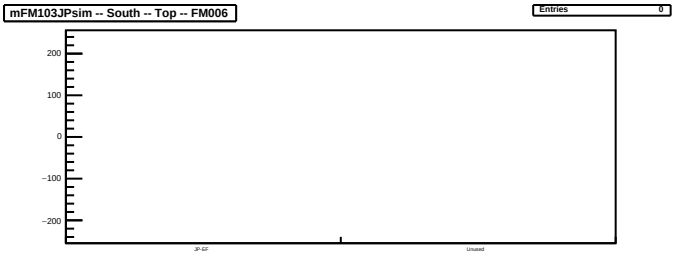

mFM103BS -- South -- Top --FM006
Entries 336244


mFM103BSsim -- South -- Top --FM0006
Entries 7422


mFM103J -- South -- Top -- FM006
Entries 84061
Unused


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


mFM103JP -- South -- Top -- FM006
Entries 168122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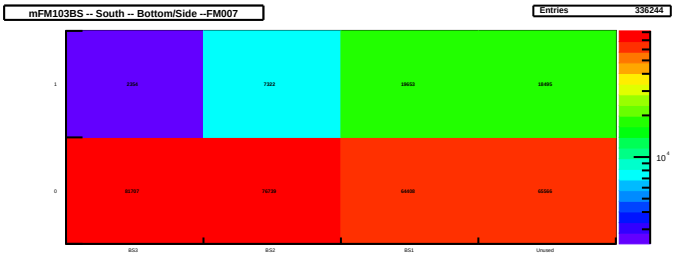
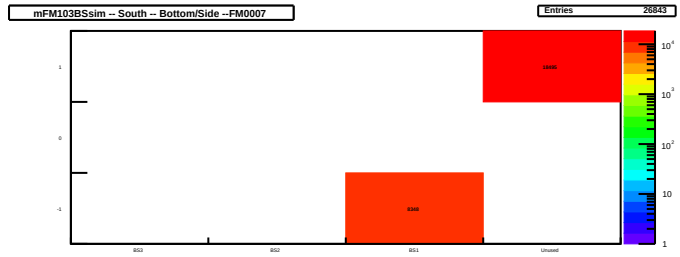
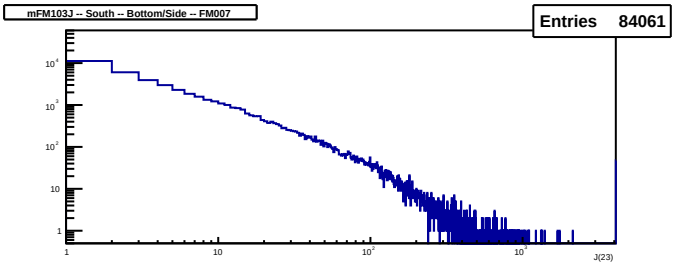
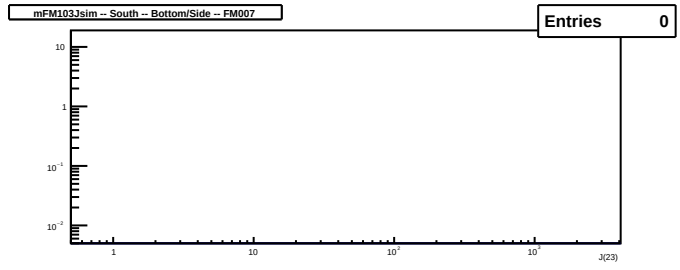
Entries 0


mFM103BS -- South -- Bottom/Side --FM007
Entries 336244


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 26843


mFM103J -- South -- Bottom/Side -- FM007
Entries 84061
J(23)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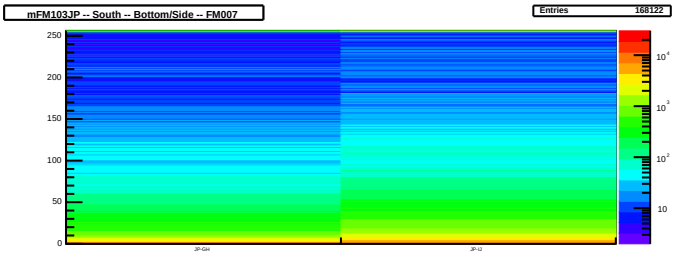
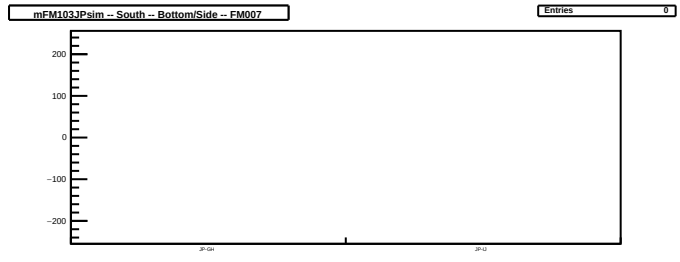
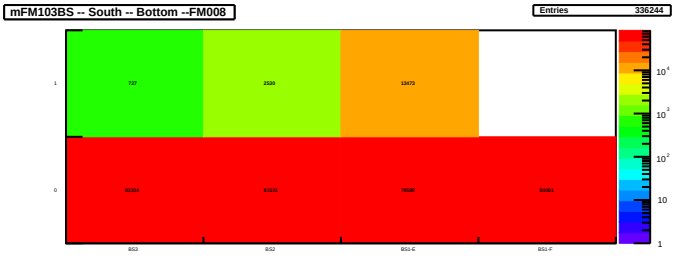
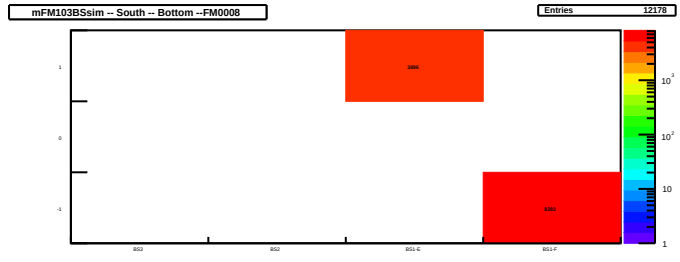
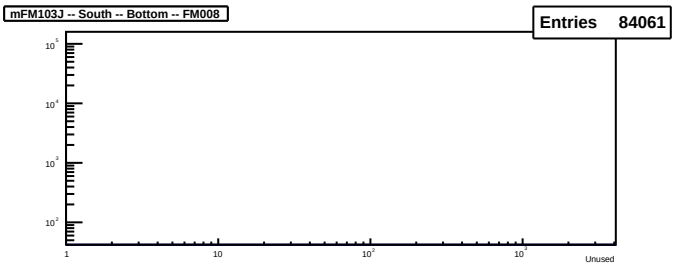
Entries 0
J(23)

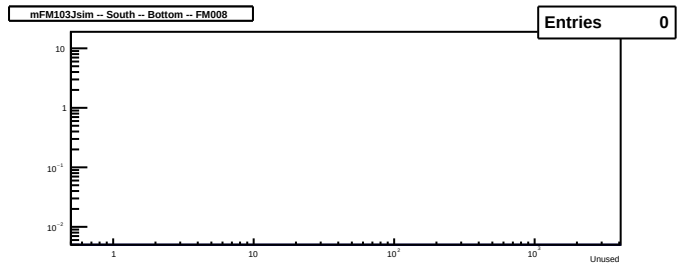

mFM103JP -- South -- Bottom/Side -- FM007
Entries 168122

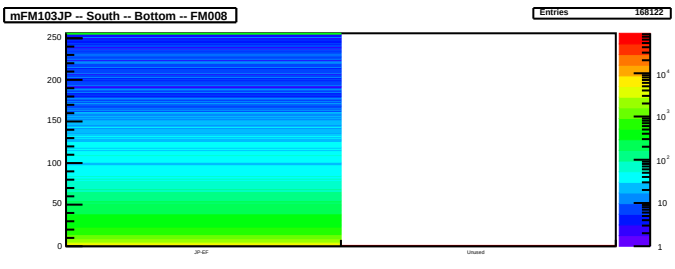

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0


mFM103BS -- South -- Bottom --FM008
Entries 336244

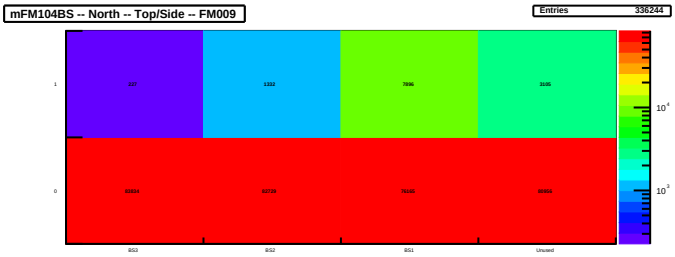

mFM103BSsim -- South -- Bottom --FM0008
Entries 12178

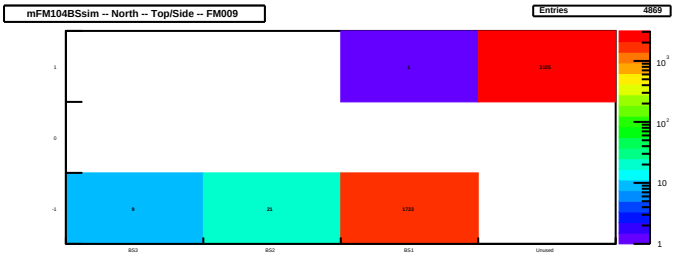

mFM103J -- South -- Bottom -- FM008
Entries 84061
Unused

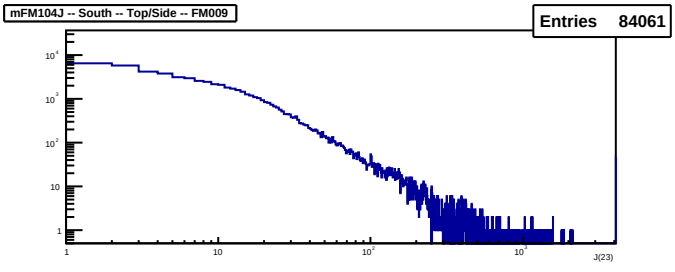

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

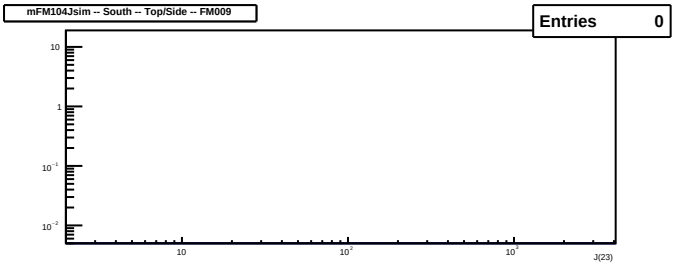

mFM103JP -- South -- Bottom -- FM008
Entries 168122

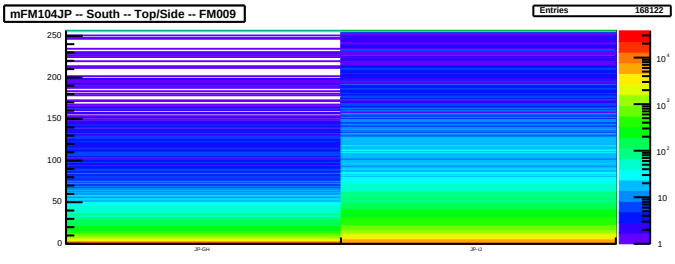
mFM103JPsim -- South -- Bottom -- FM008
Entries 0

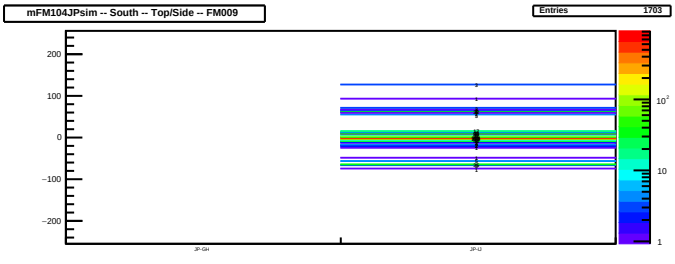

mFM104BS -- North -- Top/Side -- FM009
Entries 336244
227
1332
7696
3195
63434
62729
76165
80956
BS3
BS2
BS1
Unused

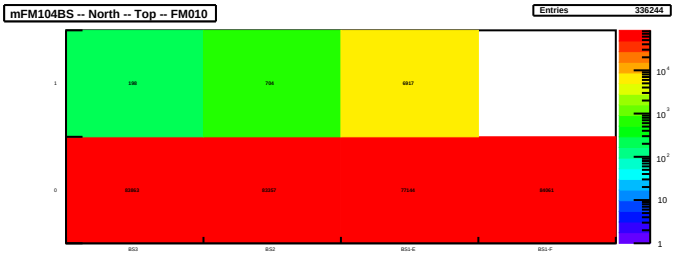

mFM104BSsim -- North -- Top/Side -- FM009
Entries 4869
1
3105
9
21
1733
BS3
BS2
BS1
Unused

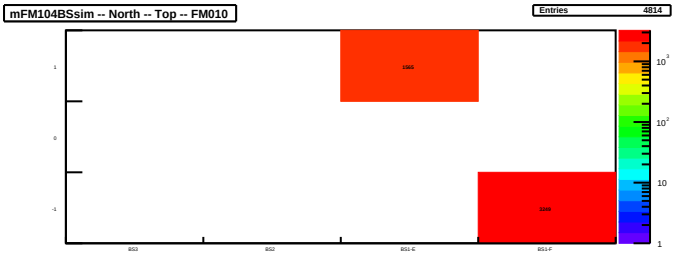

mFM104J -- South -- Top/Side -- FM009
Entries 84061
J(23)

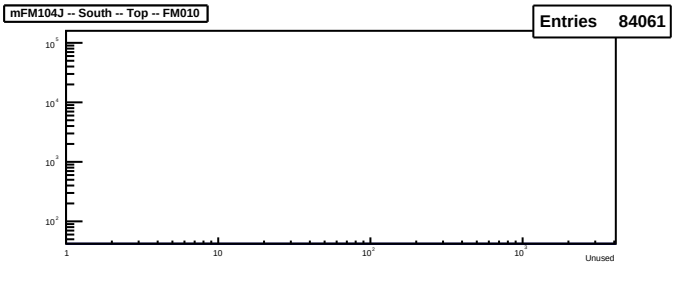

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

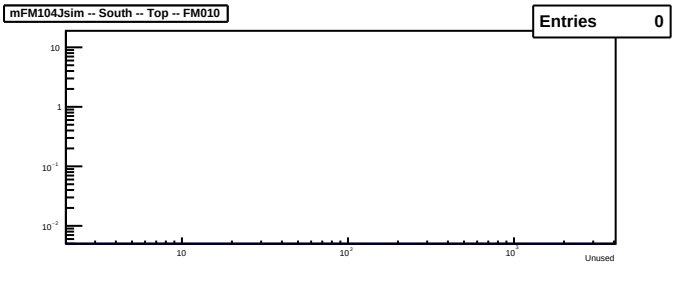

mFM104JP -- South -- Top/Side -- FM009
Entries 168122
JP-GH
JP-IJ

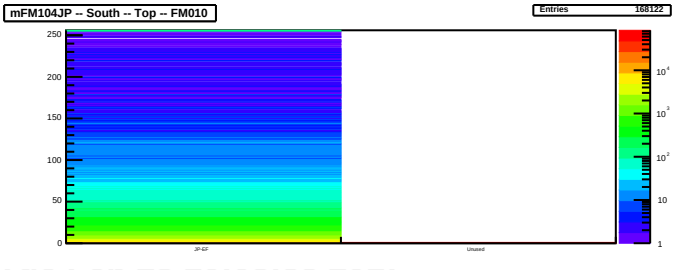

mFM104JPsim -- South -- Top/Side -- FM009
Entries 1703
JP-GH
JP-IJ

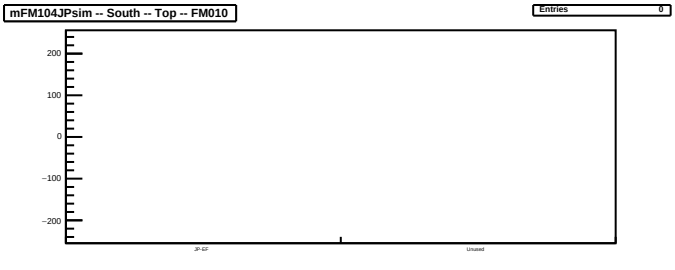

mFM104BS -- North -- Top -- FM010
Entries 336244
195
794
4917
83963
83357
77144
83961
BS3
BS2
BS1-E
BS1-F

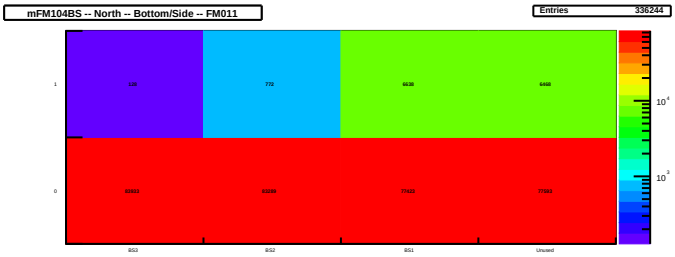

mFM104BSsim -- North -- Top -- FM010
Entries 4814
1565
3249
BS3
BS2
BS1-E
BS1-F

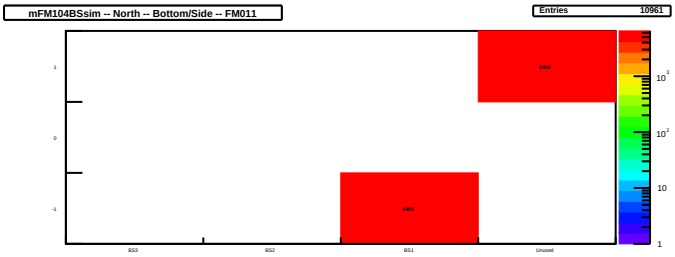

mFM104J -- South -- Top -- FM010
Entries 84061
Unused

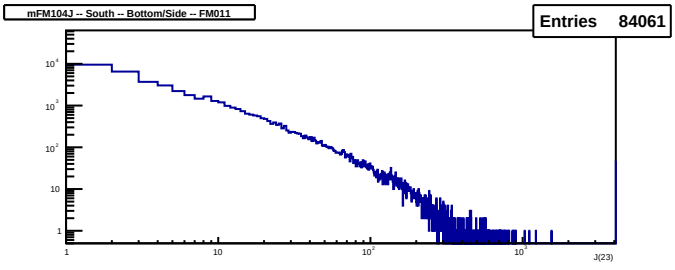

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

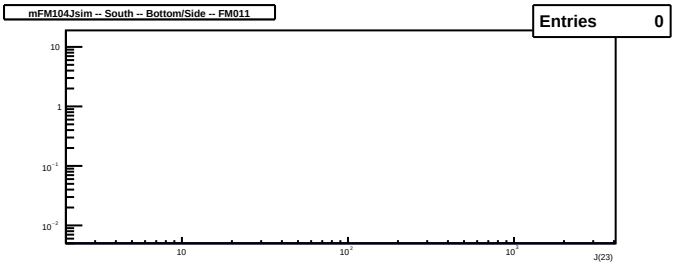

mFM104JP -- South -- Top -- FM010
Entries 168122
JP-EF
Unused

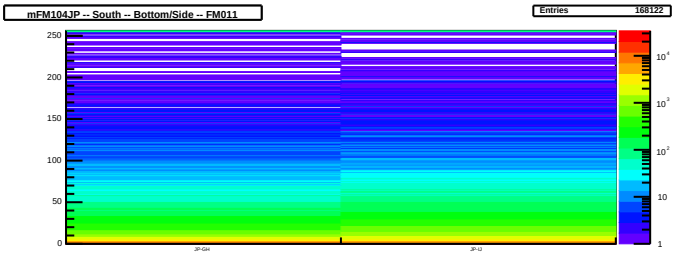

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

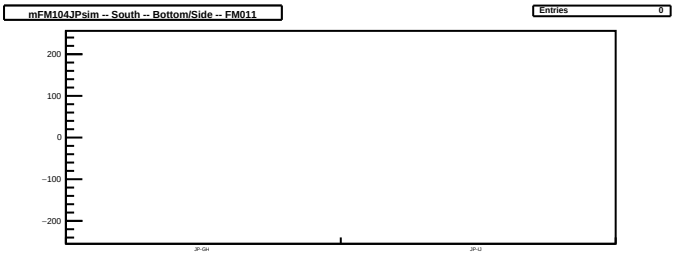

mFM104BS -- North -- Bottom/Side -- FM011
Entries 336244
120
772
6638
6468
62693
63269
77423
77083
BS3
BS2
BS1
Unused

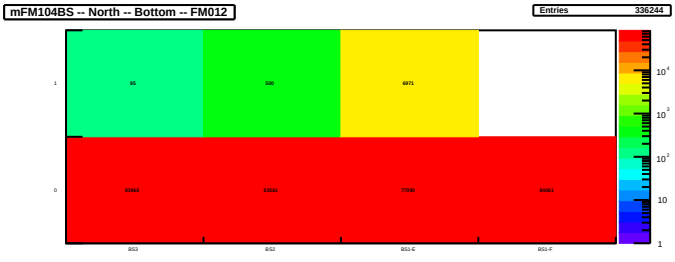

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 10961
6468
4493
BS3
BS2
BS1
Unused

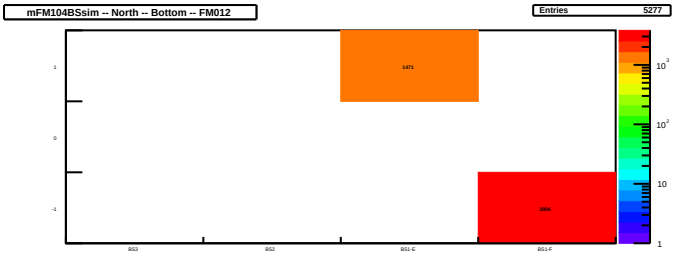

mFM104J -- South -- Bottom/Side -- FM011
Entries 84061
J(23)

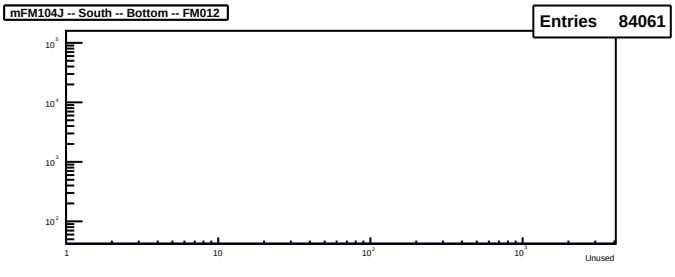

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

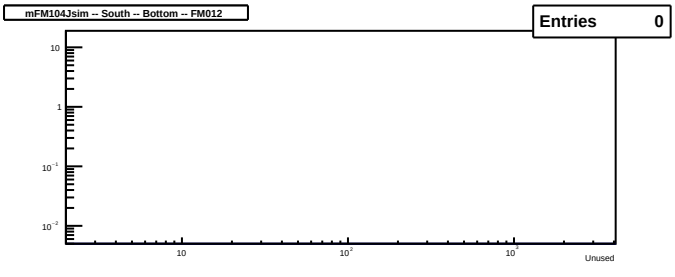

mFM104JP -- South -- Bottom/Side -- FM011
Entries 168122
JP-GH
JP-IJ

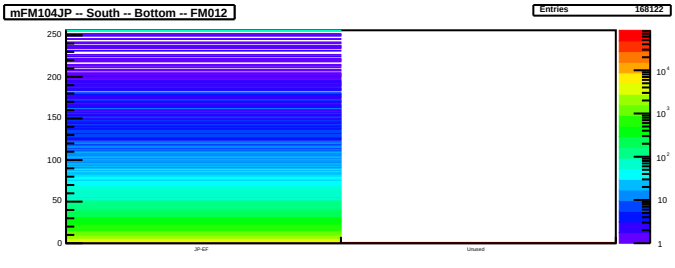

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ


mFM104BS -- North -- Bottom -- FM012
Entries 336244
95
590
8971
83966
83561
77090
83061
BS3
BS2
BS1-E
BS1-F

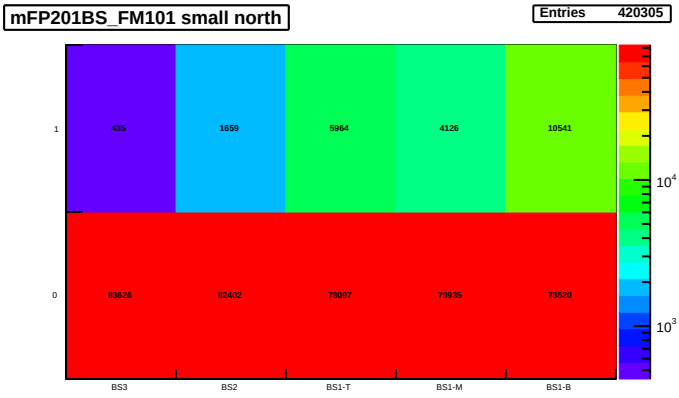

mFM104BSsim -- North -- Bottom -- FM012
Entries 5277
1471
3806
BS3
BS2
BS1-E
BS1-F

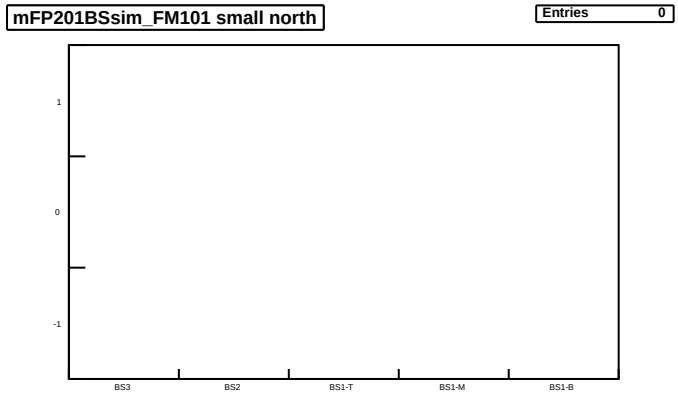

mFM104J -- South -- Bottom -- FM012
Entries 84061
Unused

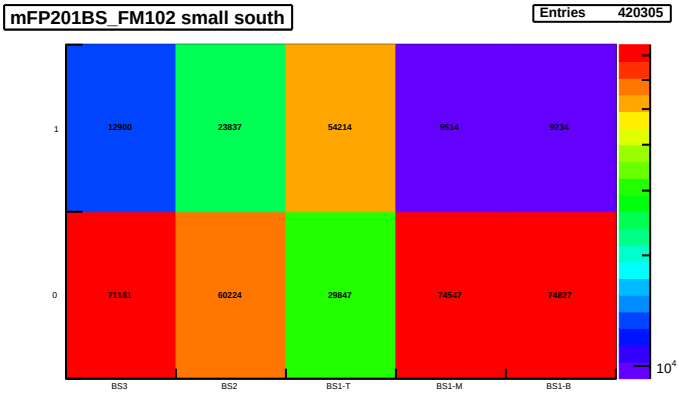

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

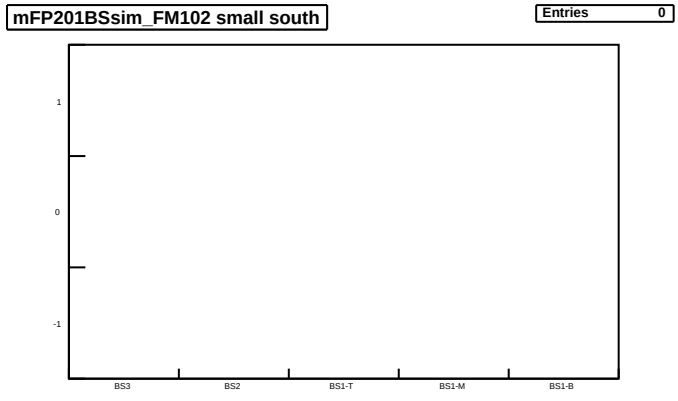

mFM104JP -- South -- Bottom -- FM012
Entries 168122
JP-EF
Unused

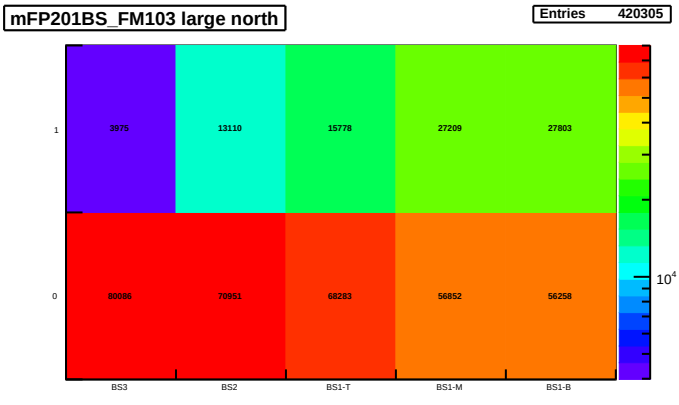
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

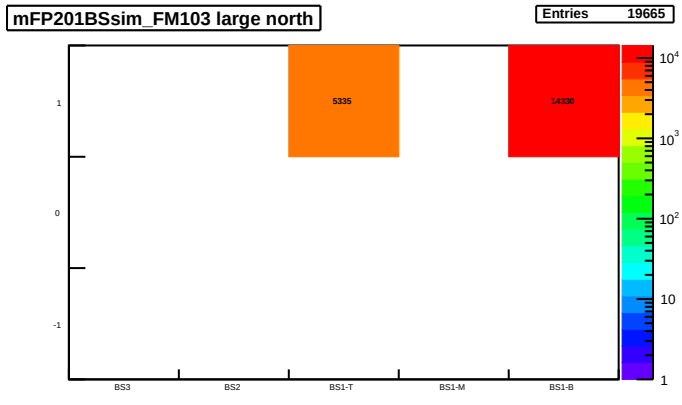

mFP201BS_FM101 small north
Entries 420305
435
1659
5964
4126
10541
83626
82402
78097
79935
73520
BS3
BS2
BS1-T
BS1-M
BS1-B

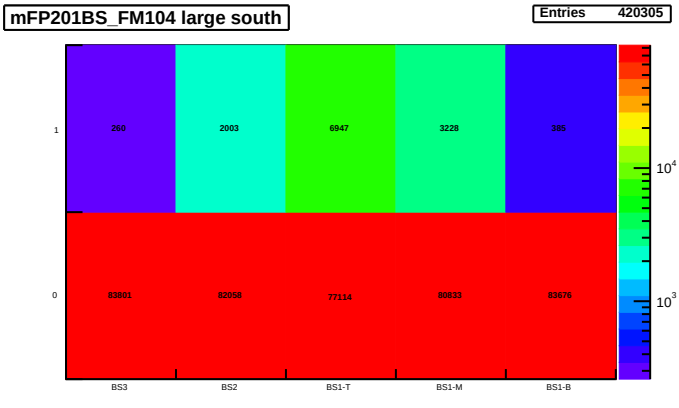

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

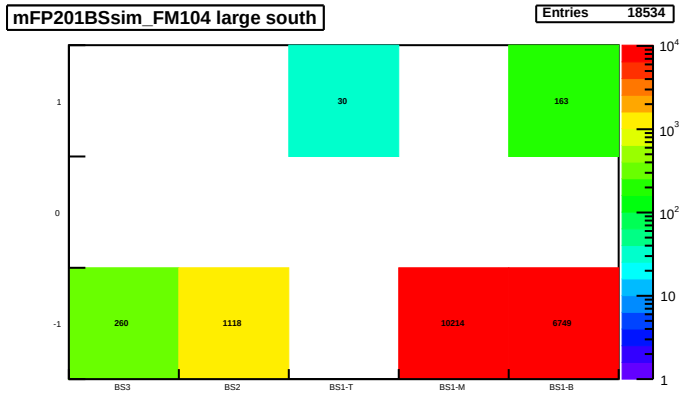

mFP201BS_FM102 small south
Entries 420305
12900
23837
54214
9514
9234
71161
60224
29847
74547
74827
BS3
BS2
BS1-T
BS1-M
BS1-B

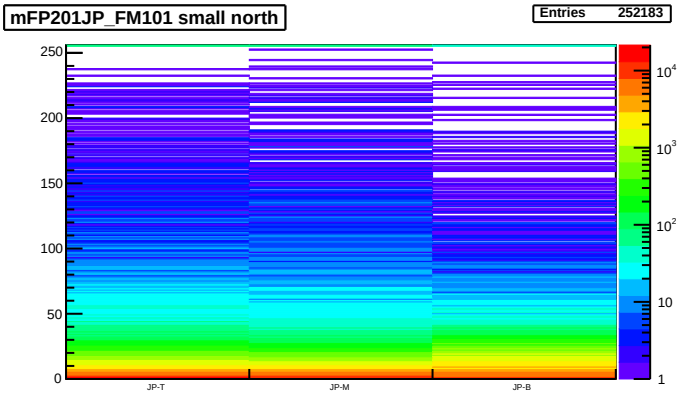

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

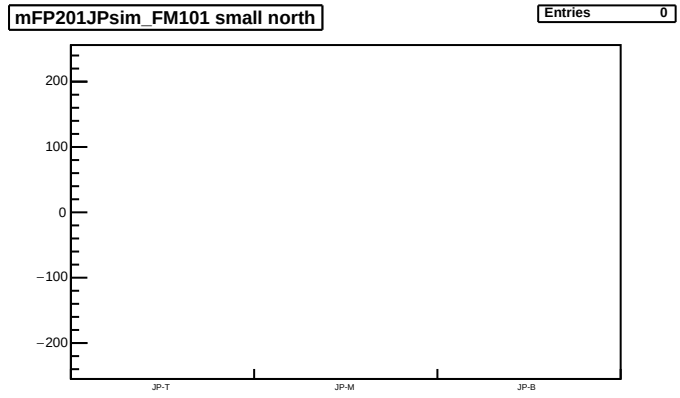

mFP201BS_FM103 large north
Entries 420305
3975
13110
15778
27209
27803
80086
70951
68283
56852
56258
BS3
BS2
BS1-T
BS1-M
BS1-B

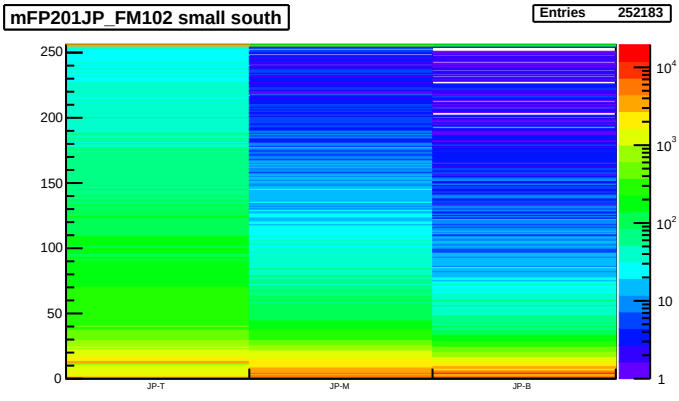

mFP201BSsim_FM103 large north
Entries 19665
5335
14330
BS3
BS2
BS1-T
BS1-M
BS1-B

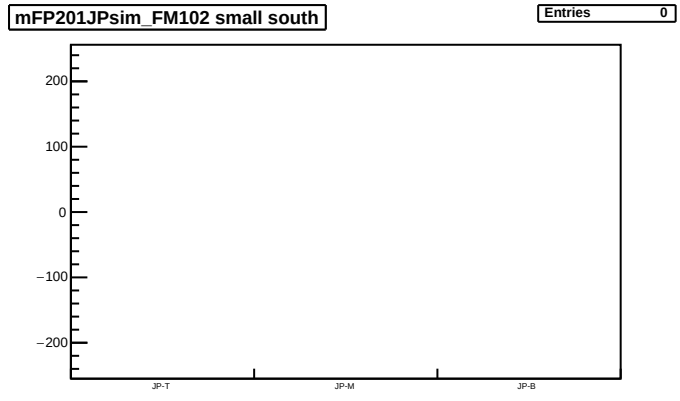

mFP201BS_FM104 large south
Entries 420305
260
2003
6947
3228
385
83801
82058
77114
80833
83676
BS3
BS2
BS1-T
BS1-M
BS1-B

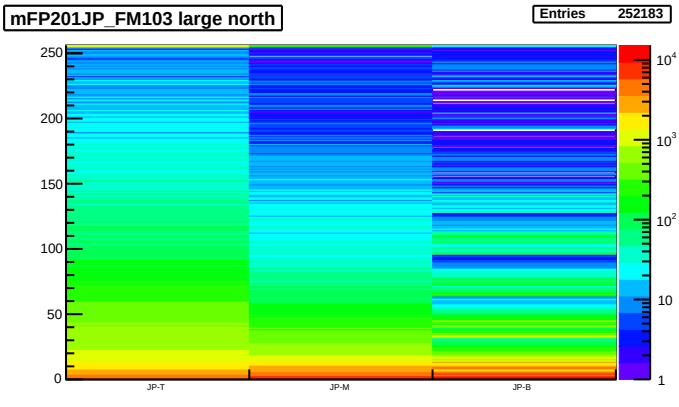

mFP201BSsim_FM104 large south
Entries 18534
30
163
260
1118
10214
6749
BS3
BS2
BS1-T
BS1-M
BS1-B

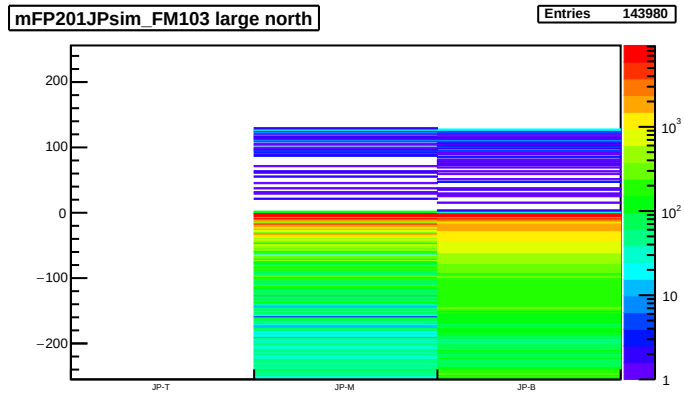

mFP201JP_FM101 small north
Entries 252183
JP-T
JP-M
JP-B

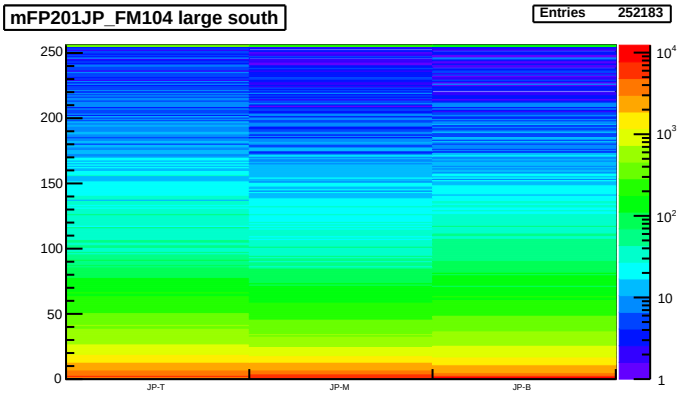

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

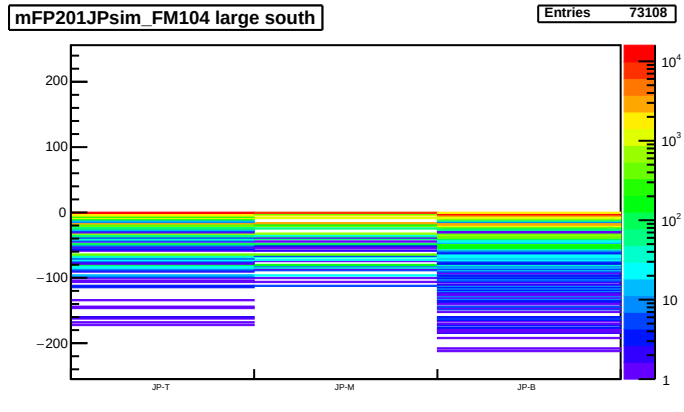

mFP201JP_FM102 small south
Entries 252183
JP-T
JP-M
JP-B

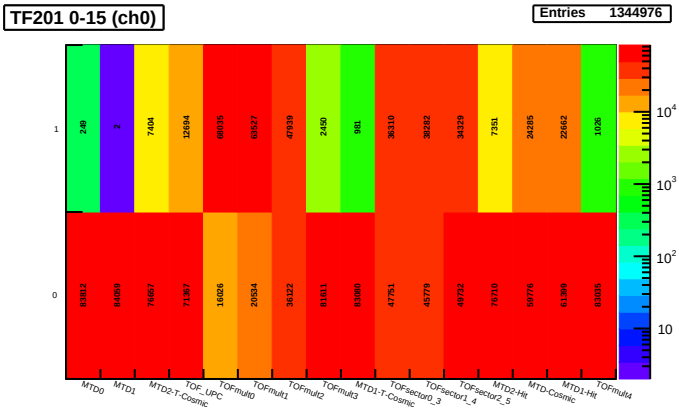

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

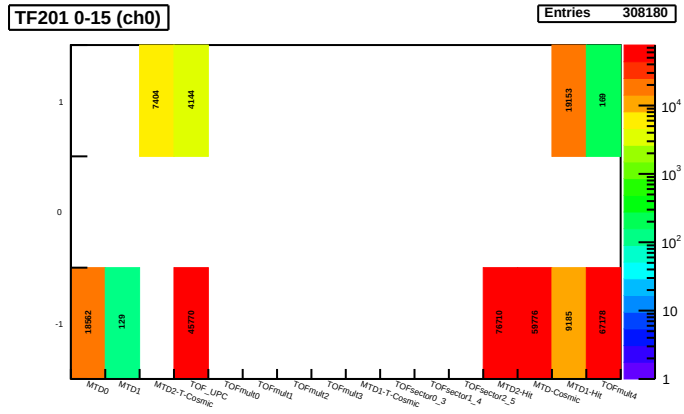

mFP201JP_FM103 large north
Entries 252183
JP-T
JP-M
JP-B

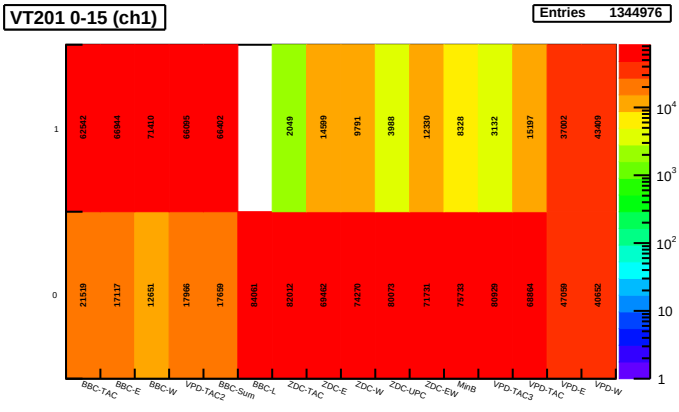

mFP201JPsim_FM103 large north
Entries 143980
JP-T
JP-M
JP-B

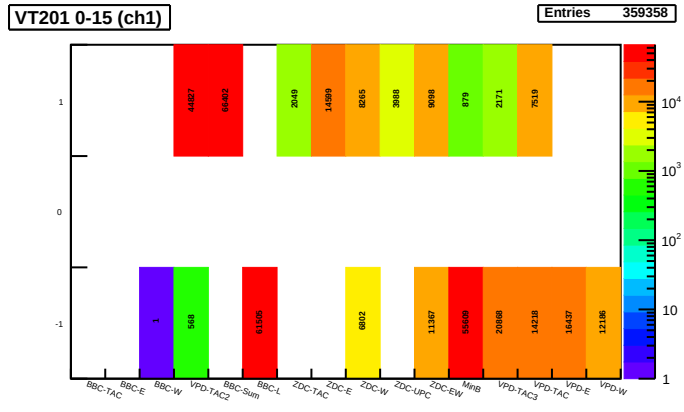

mFP201JP_FM104 large south
Entries 252183
JP-T
JP-M
JP-B

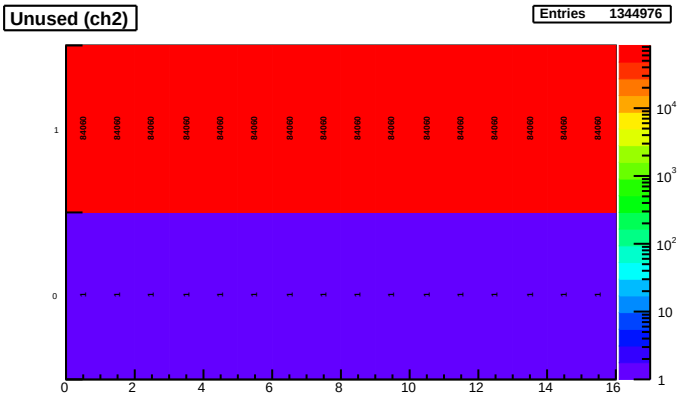

mFP201JPsim_FM104 large south
Entries 73108
JP-T
JP-M
JP-B

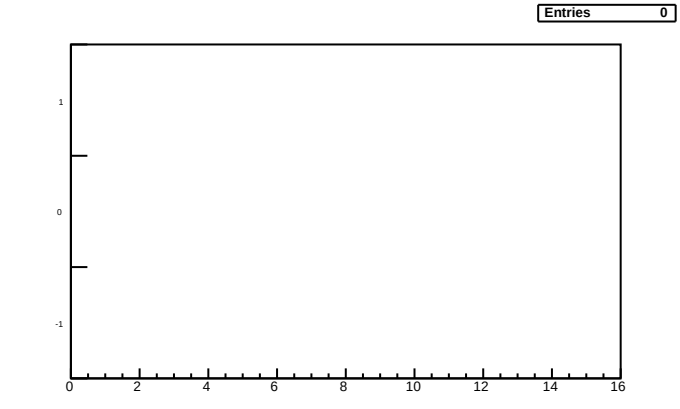

TF201 0-15 (ch0)
Entries 1344976
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

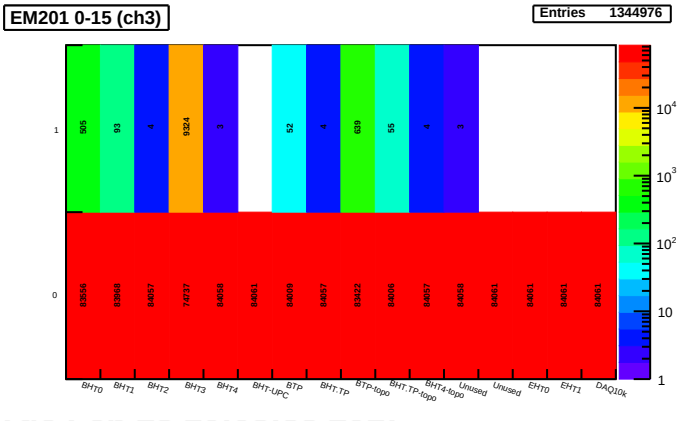

TF201 0-15 (ch0)
Entries 308180
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

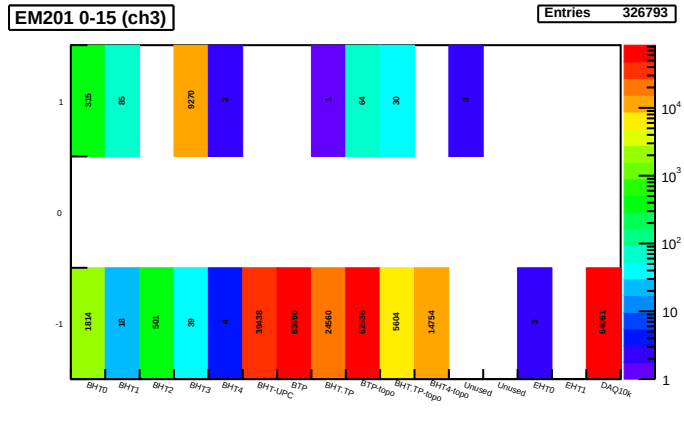

VT201 0-15 (ch1)
Entries 1344976
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W


VT201 0-15 (ch1)
Entries 359358
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

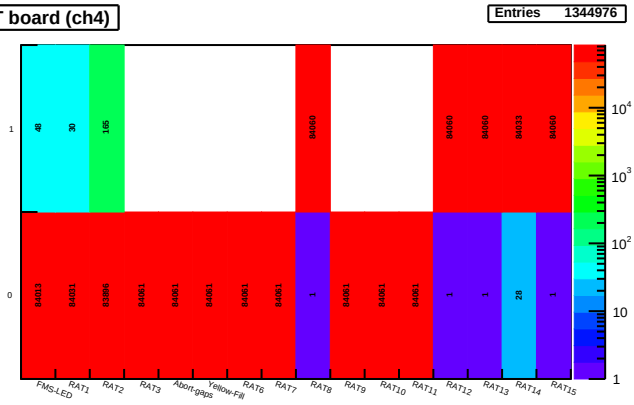

Unused (ch2)
Entries 1344976

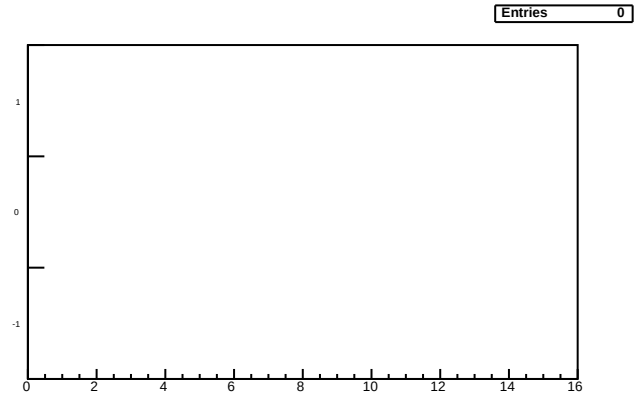

Entries 0


EM201 0-15 (ch3)
Entries 1344976
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

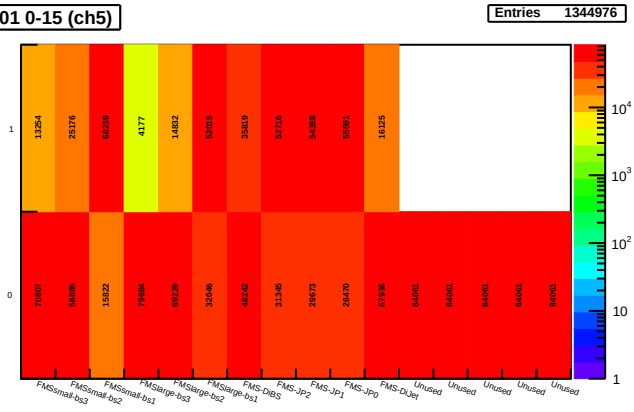

EM201 0-15 (ch3)
Entries 326793
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

RAT board (ch4)

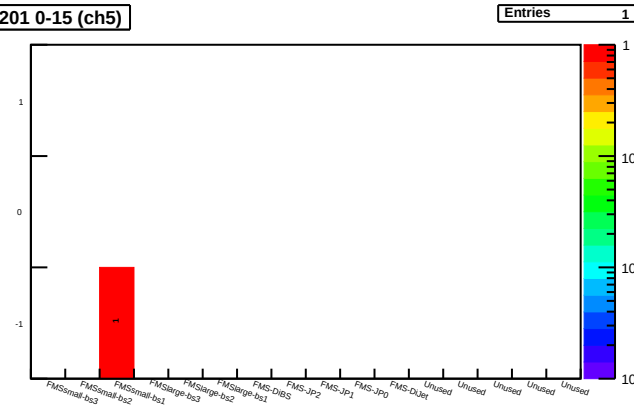




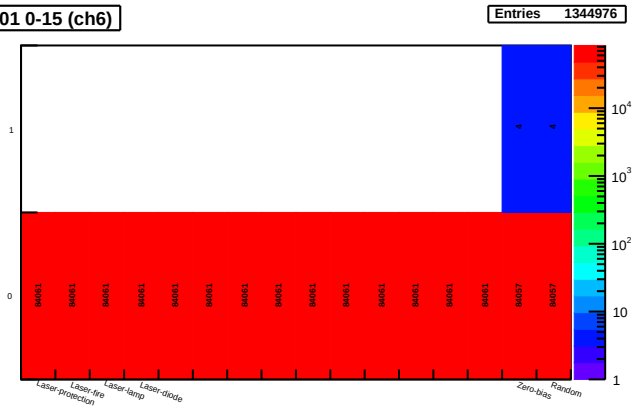
FP201 0-15 (ch5)

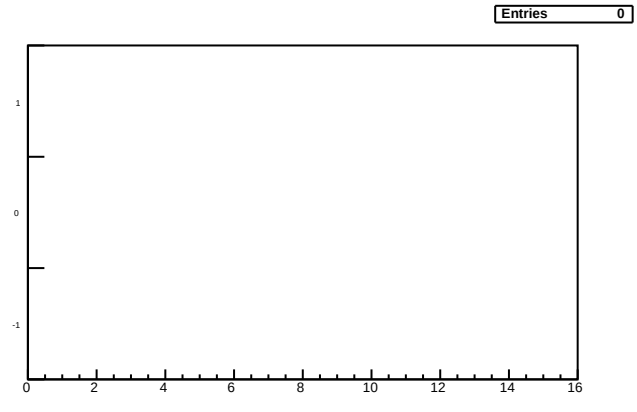
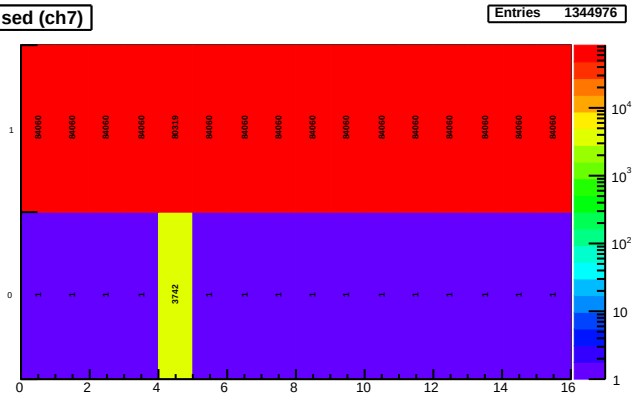
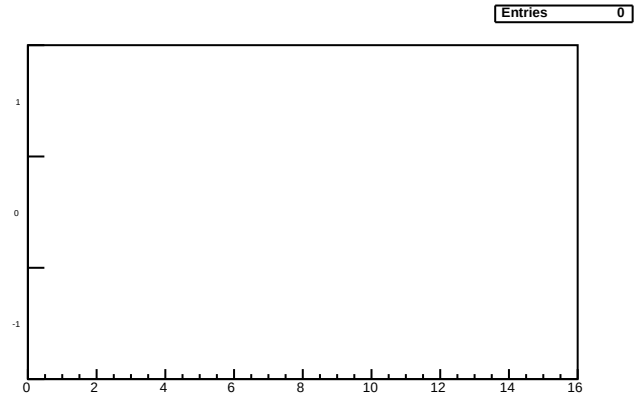


FP201 0-15 (ch5)



ST201 0-15 (ch6)





Unused (ch7)