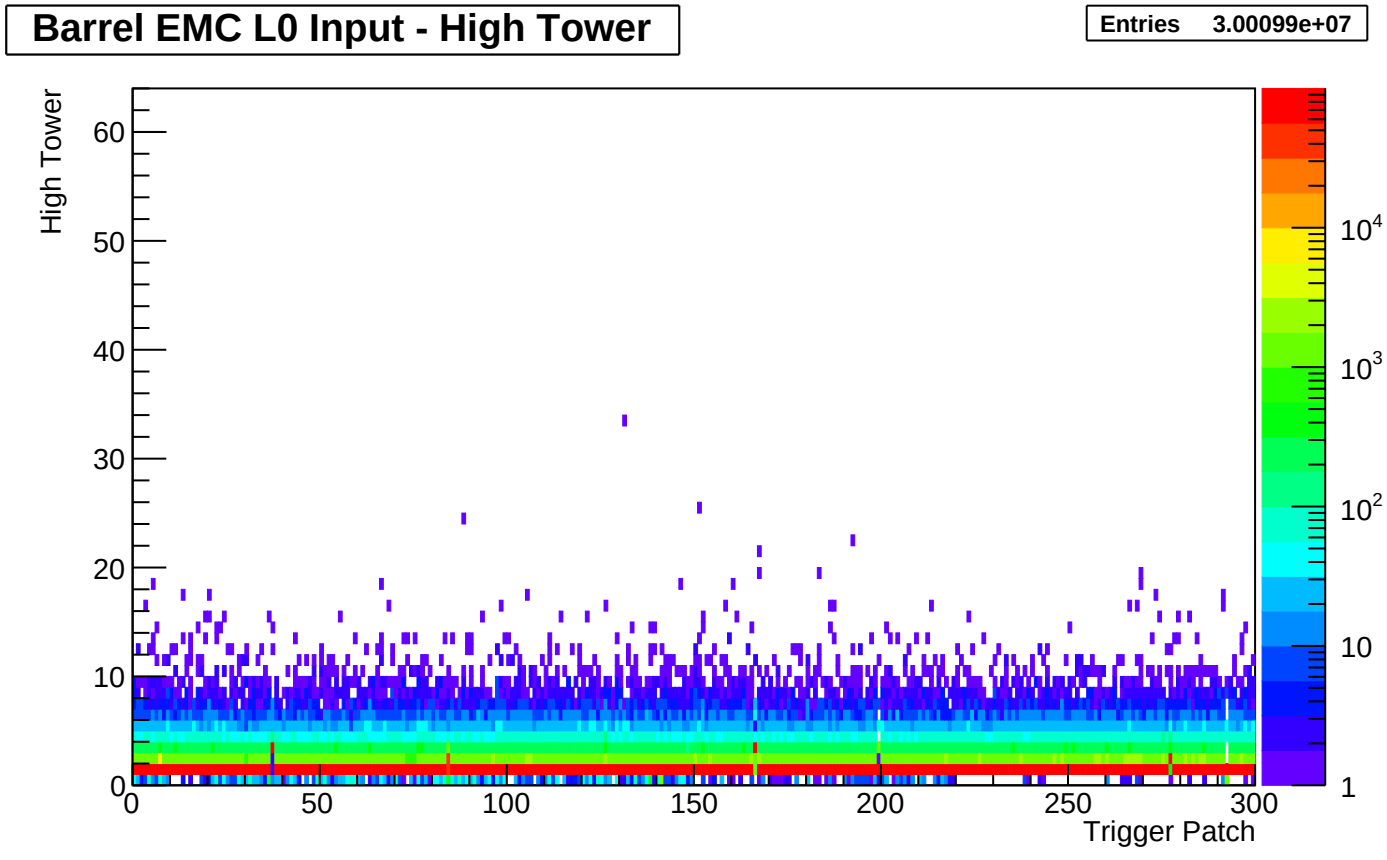
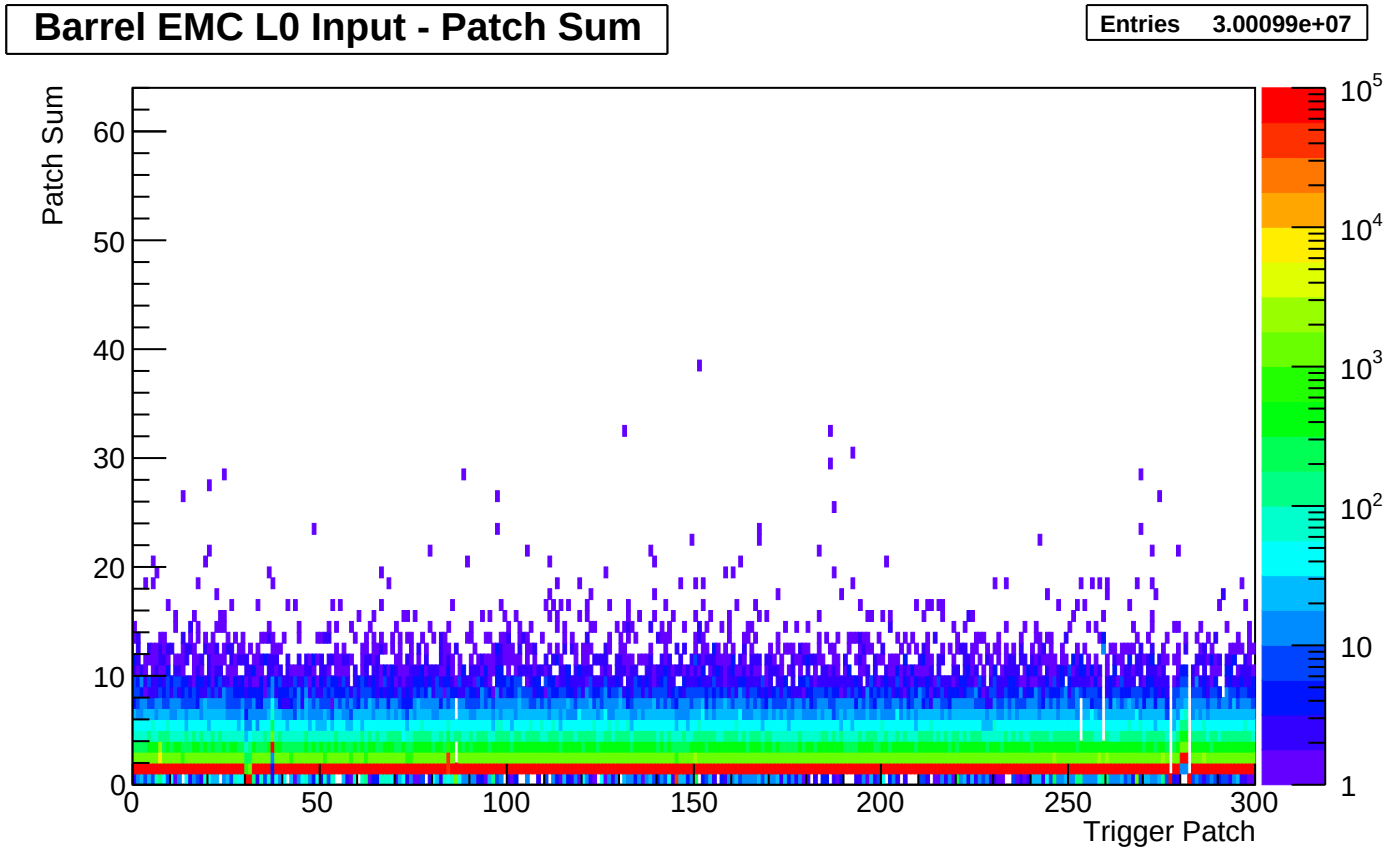
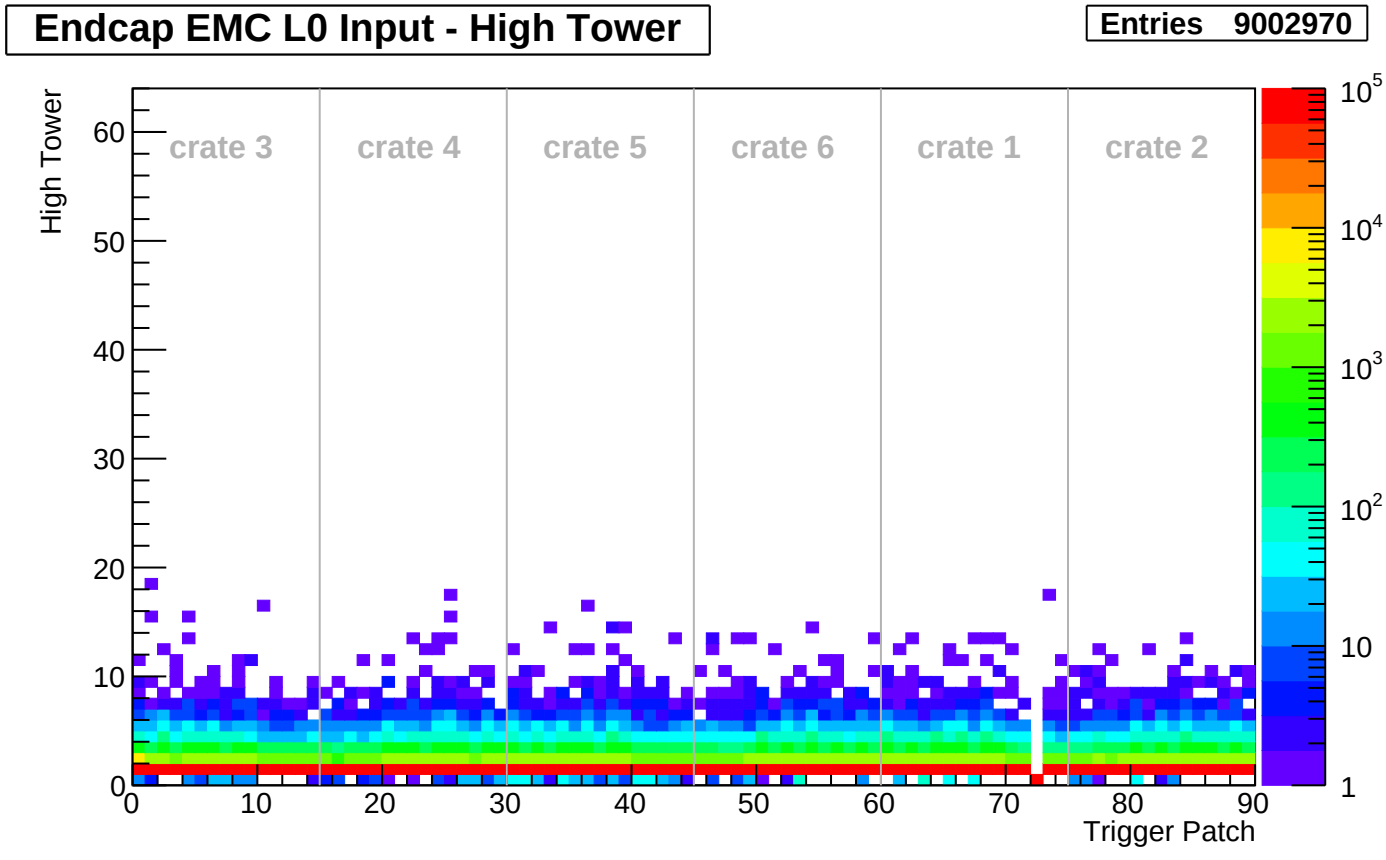
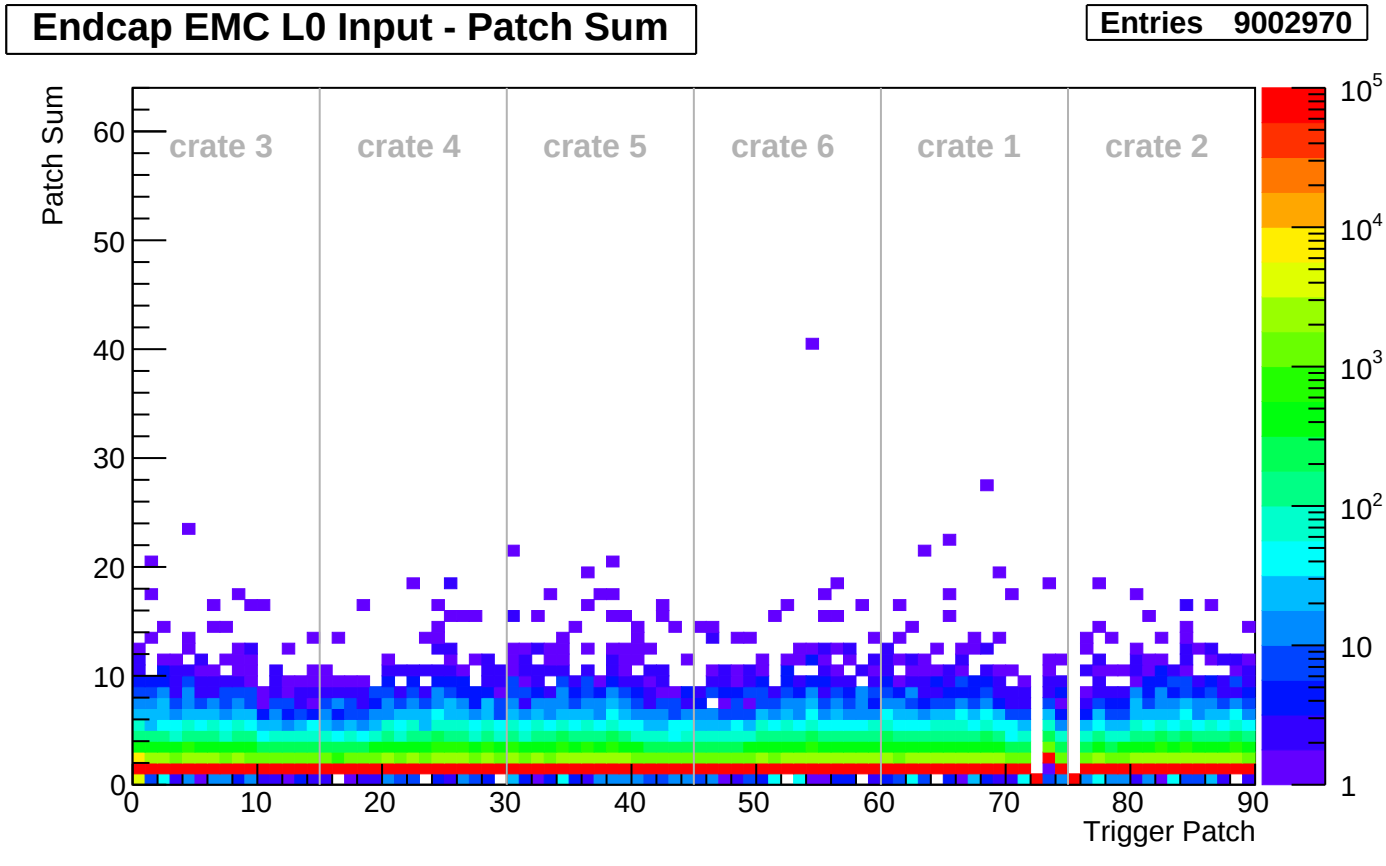
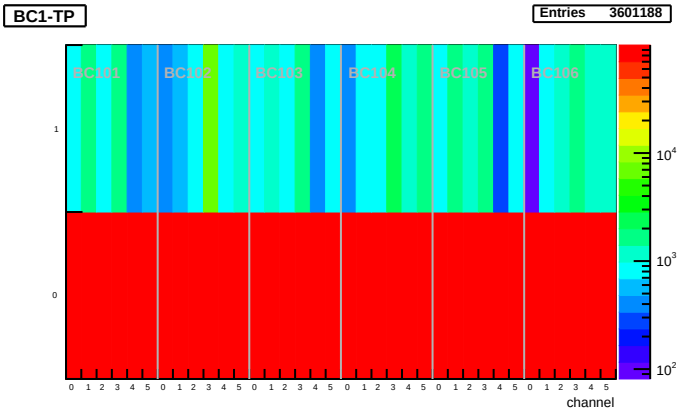
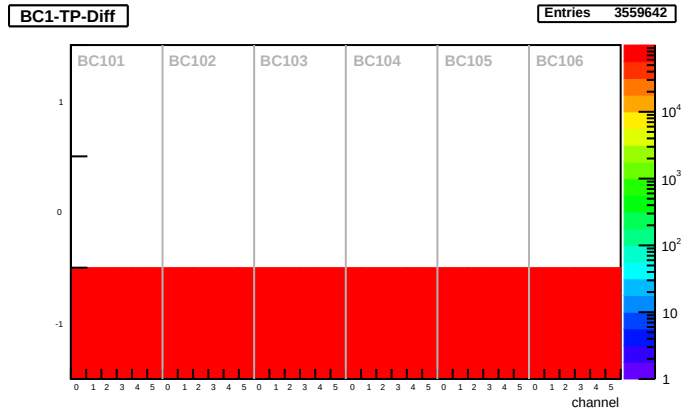

Barrel EMC L0 Input - High Tower
Entries 3.00099e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

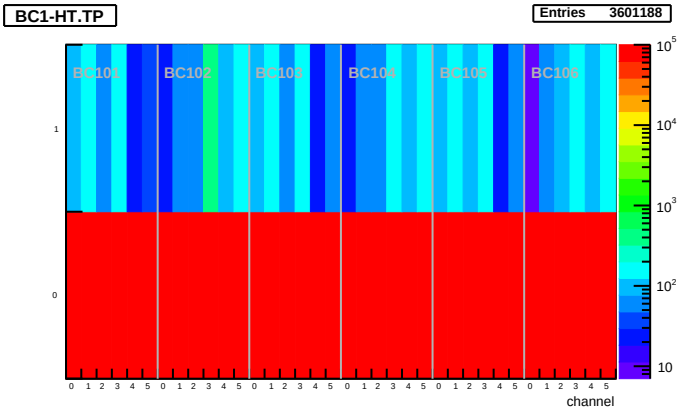

Barrel EMC L0 Input - Patch Sum
Entries 3.00099e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

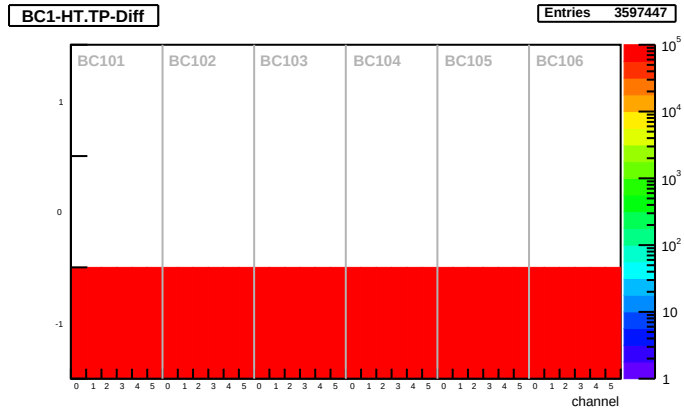

Endcap EMC L0 Input - High Tower
Entries 9002970
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

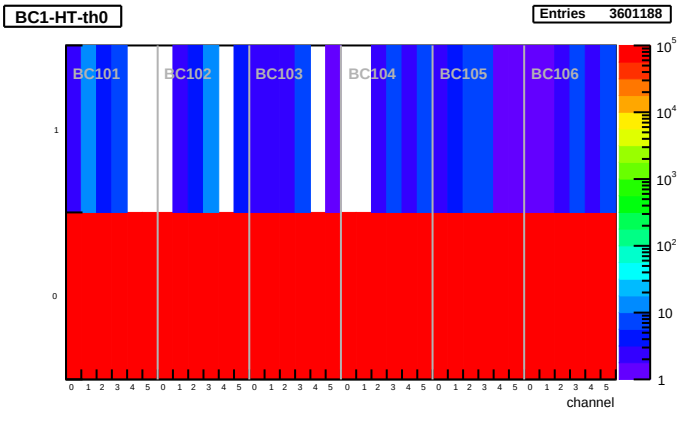

Endcap EMC L0 Input - Patch Sum
Entries 9002970
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

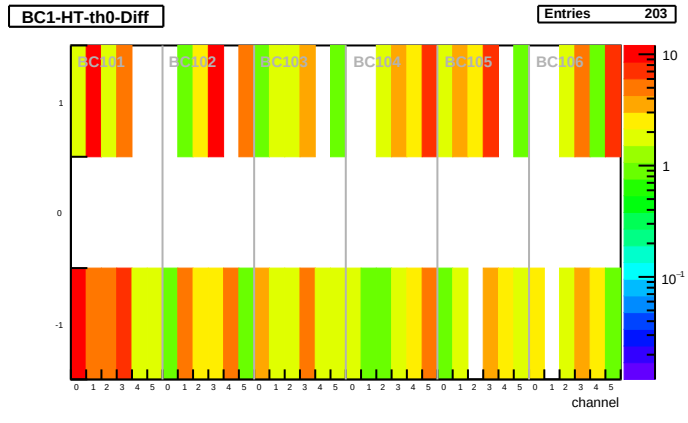

BC1-TP
Entries 3601188
BC101
BC102
BC103
BC104
BC105
BC106
channel

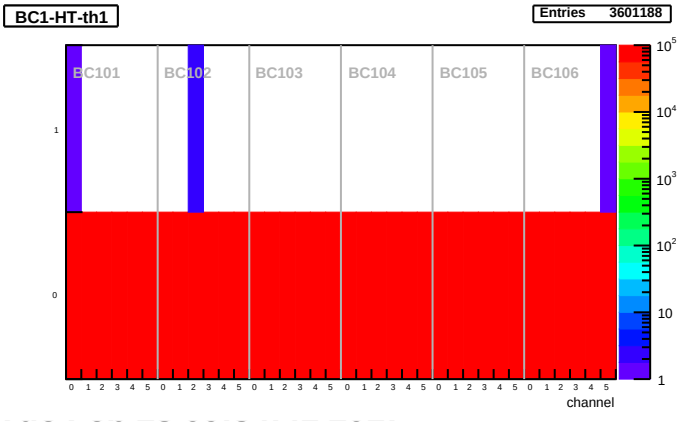

BC1-TP-Diff
Entries 3559642
BC101
BC102
BC103
BC104
BC105
BC106
channel

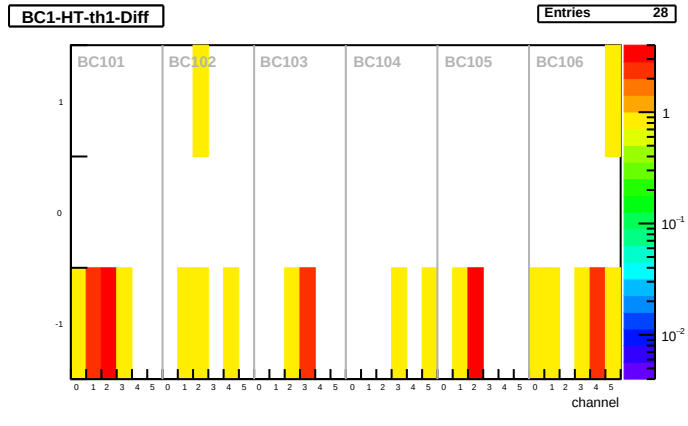

BC1-HT.TP
Entries 3601188
BC101
BC102
BC103
BC104
BC105
BC106
channel

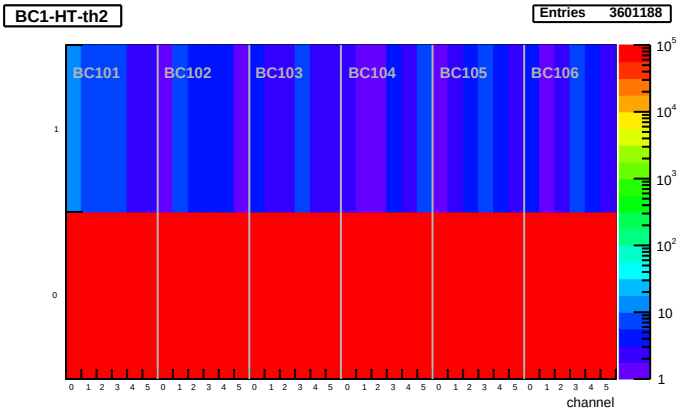

BC1-HT.TP-Diff
Entries 3597447
BC101
BC102
BC103
BC104
BC105
BC106
channel

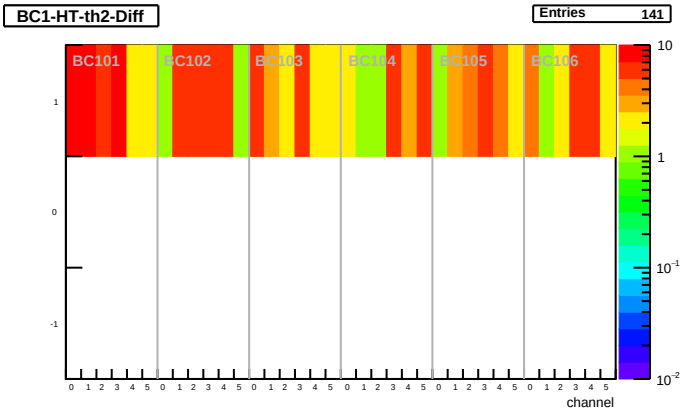

BC1-HT-th0
Entries 3601188
BC101
BC102
BC103
BC104
BC105
BC106
channel

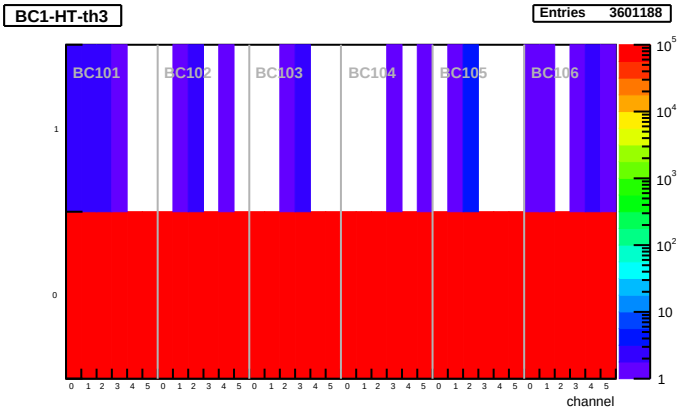

BC1-HT-th0-Diff
Entries 203
BC101
BC102
BC103
BC104
BC105
BC106
channel

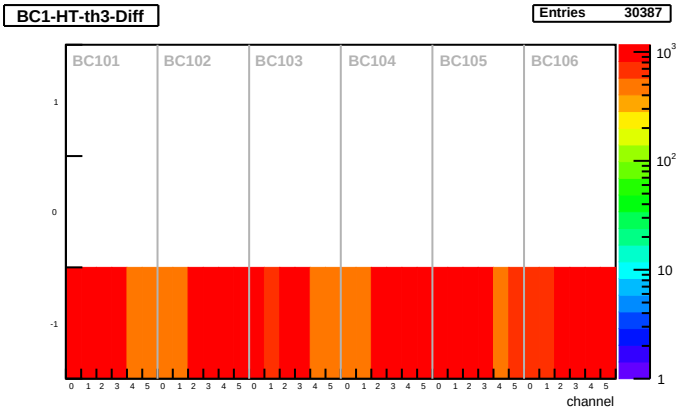

BC1-HT-th1
Entries 3601188
BC101
BC102
BC103
BC104
BC105
BC106
channel

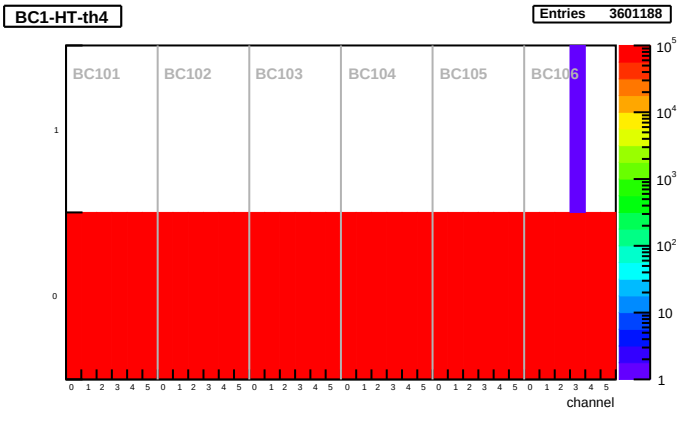

BC1-HT-th1-Diff
Entries 28
BC101
BC102
BC103
BC104
BC105
BC106
channel

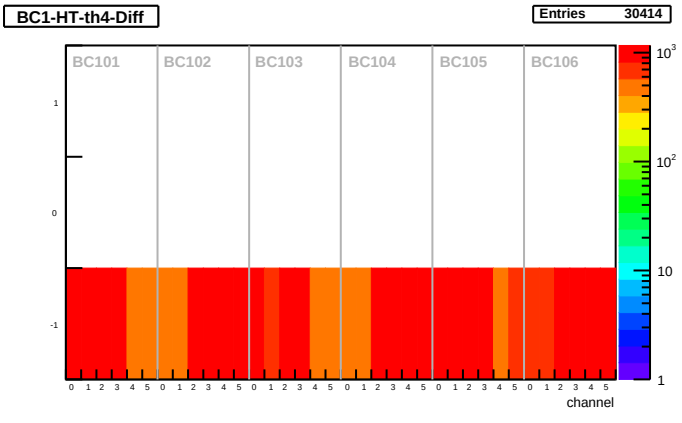

BC1-HT-th2
Entries 3601188
BC101
BC102
BC103
BC104
BC105
BC106
channel

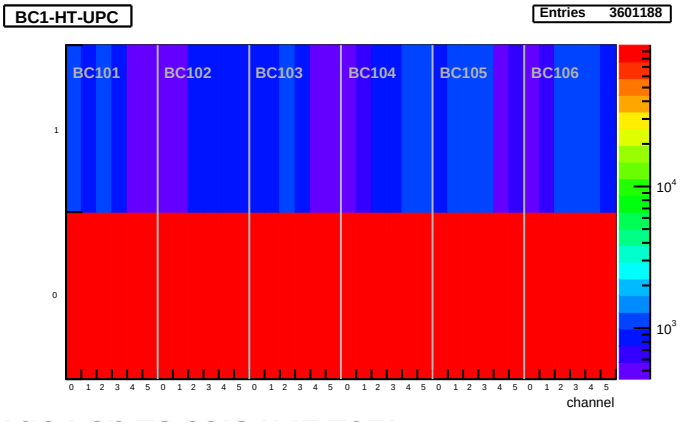

BC1-HT-th2-Diff
Entries 141
BC101
BC102
BC103
BC104
BC105
BC106
channel

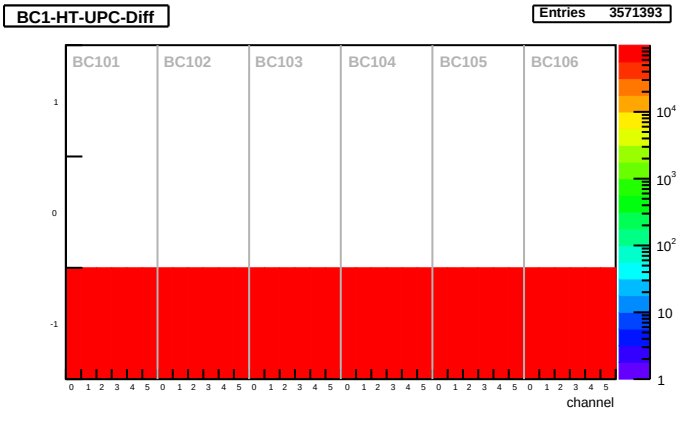

BC1-HT-th3
Entries 3601188
BC101
BC102
BC103
BC104
BC105
BC106
channel

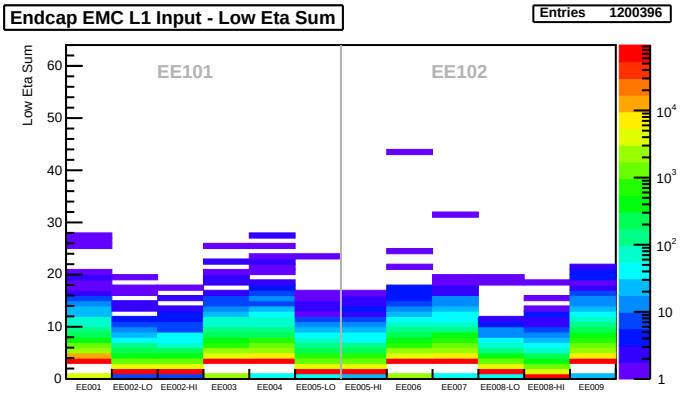

BC1-HT-th3-Diff
Entries 30387
BC101
BC102
BC103
BC104
BC105
BC106
channel

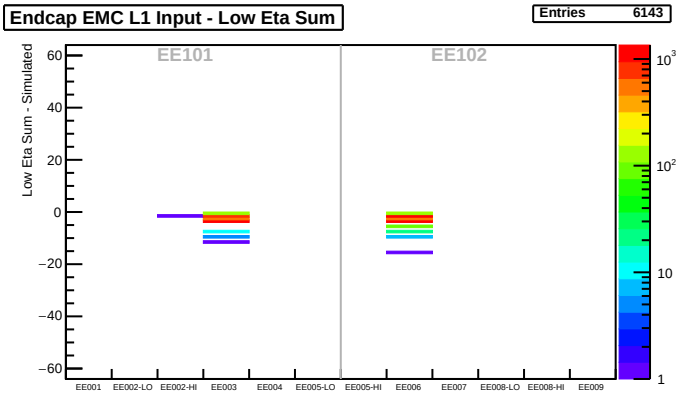

BC1-HT-th4
Entries 3601188
BC101
BC102
BC103
BC104
BC105
BC106
channel

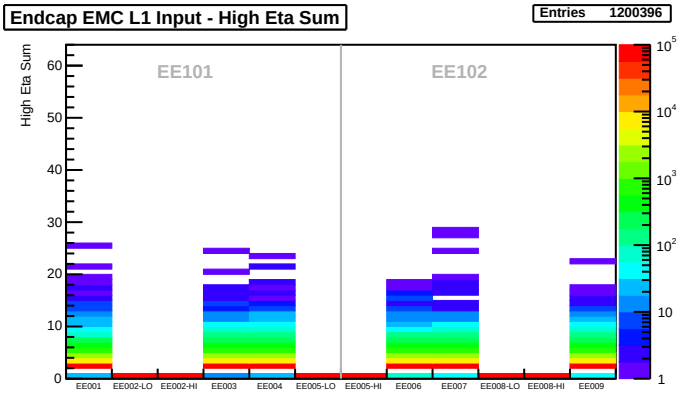

BC1-HT-th4-Diff
Entries 30414
BC101
BC102
BC103
BC104
BC105
BC106
channel

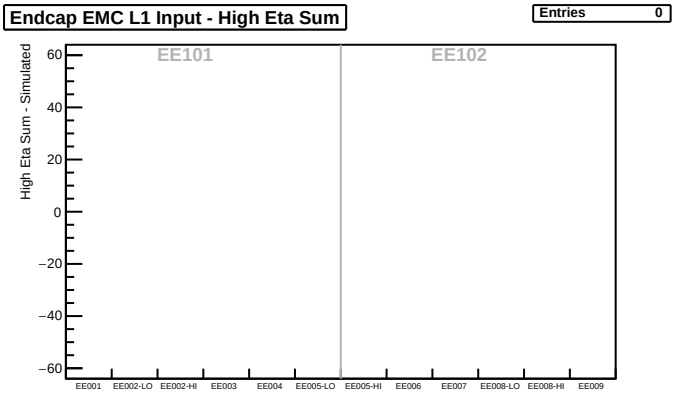

BC1-HT-UPC
Entries 3601188
BC101
BC102
BC103
BC104
BC105
BC106
channel

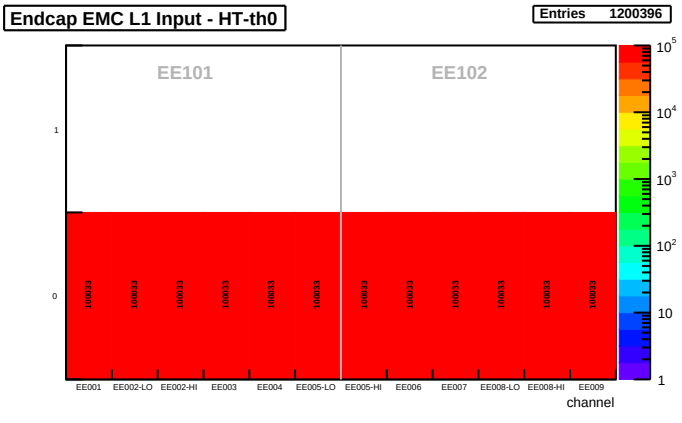

BC1-HT-UPC-Diff
Entries 3571393
BC101
BC102
BC103
BC104
BC105
BC106
channel

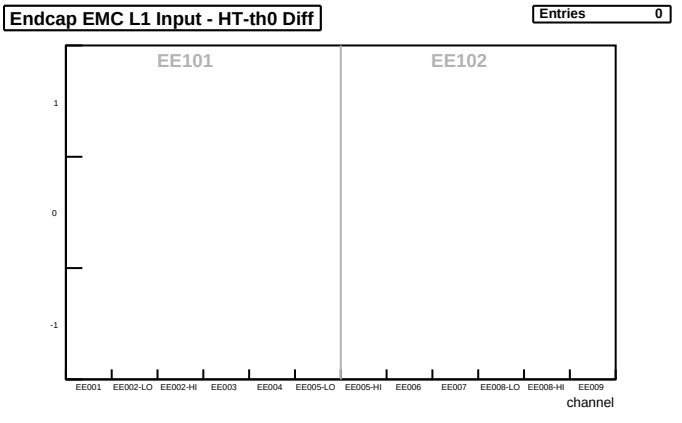

Endcap EMC L1 Input - Low Eta Sum
Entries 1200396
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

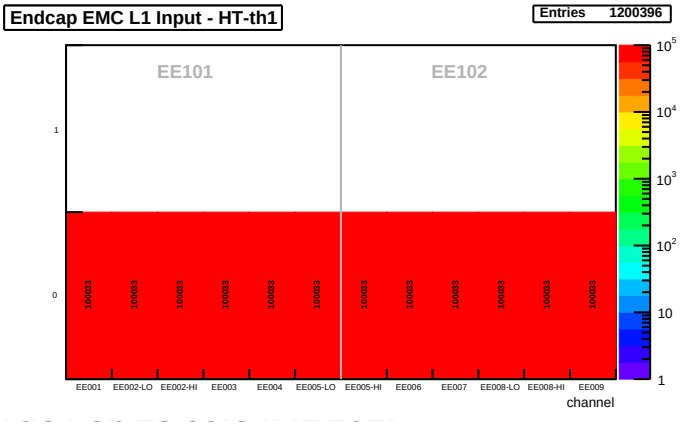

Endcap EMC L1 Input - Low Eta Sum
Entries 6143
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

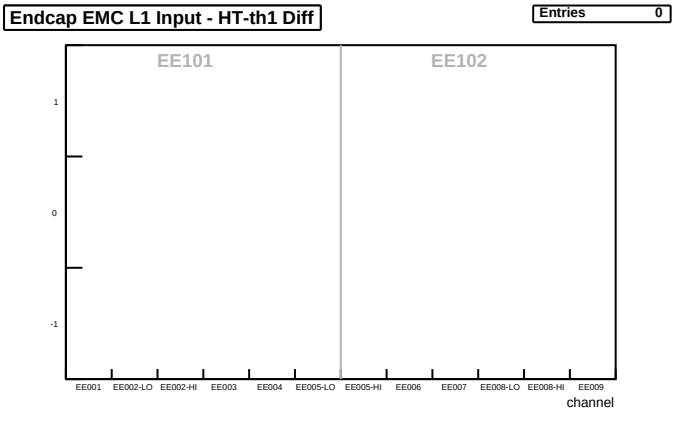

Endcap EMC L1 Input - High Eta Sum
Entries 1200396
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

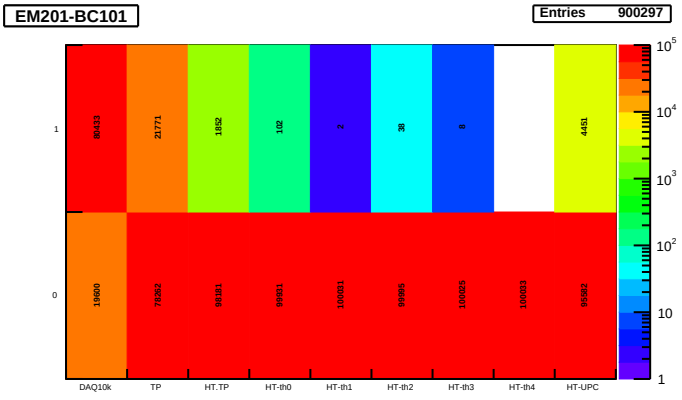

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

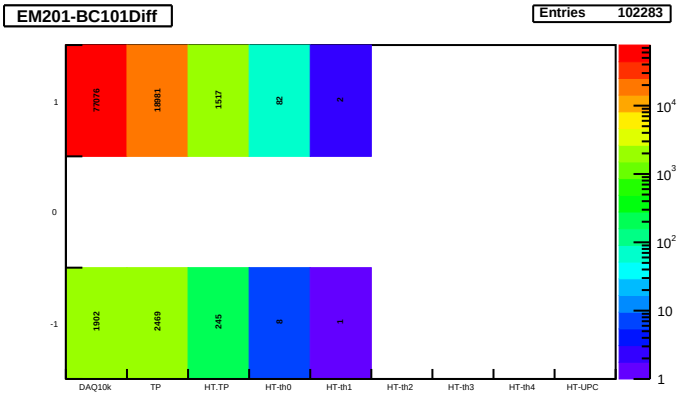

Endcap EMC L1 Input - HT-th0
Entries 1200396
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

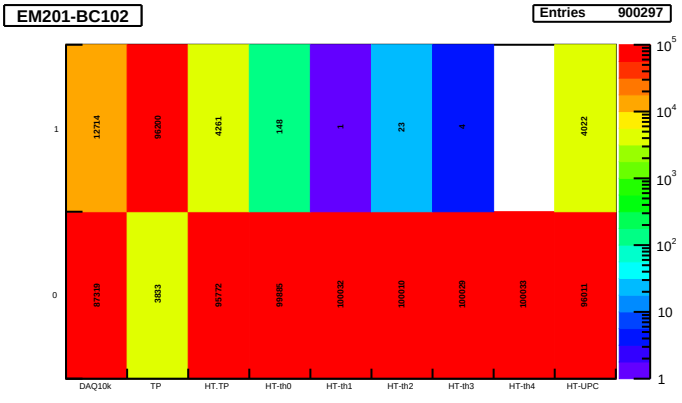

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

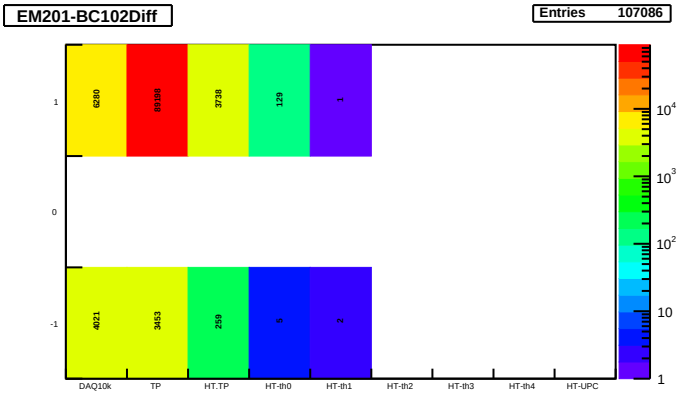

Endcap EMC L1 Input - HT-th1
Entries 1200396
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

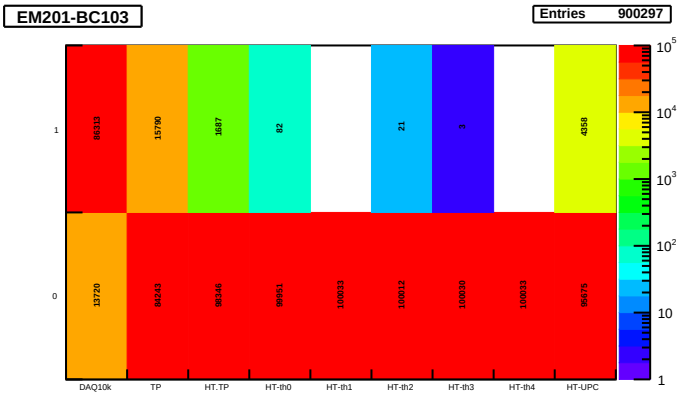

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

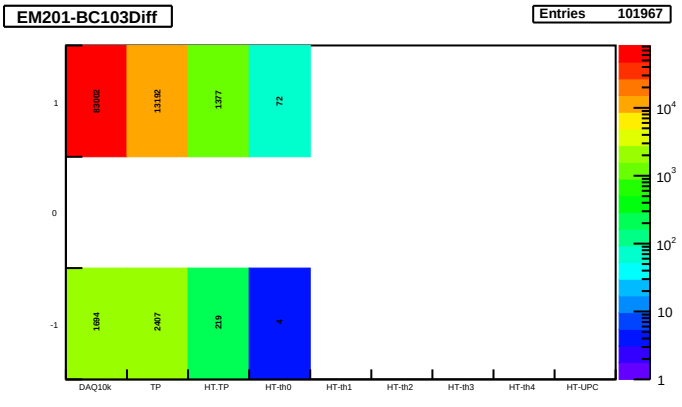

EM201-BC101
Entries 900297
1
0
80433
21771
1852
102
2
38
8
4451
19600
78262
98131
99931
100031
99985
100035
100033
95522
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

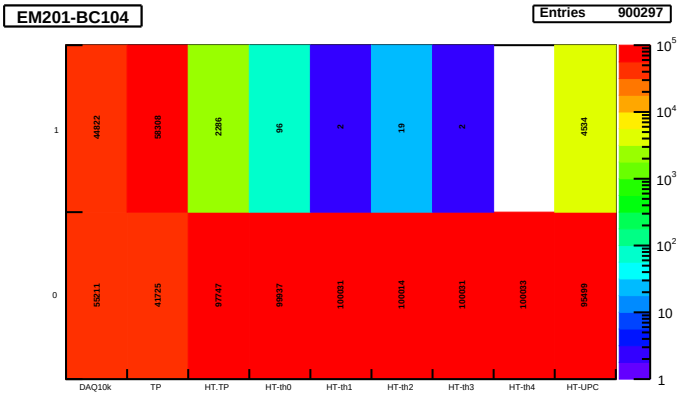

EM201-BC101Diff
Entries 102283
1
0
-1
77076
18981
1537
82
2
1902
2469
245
8
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

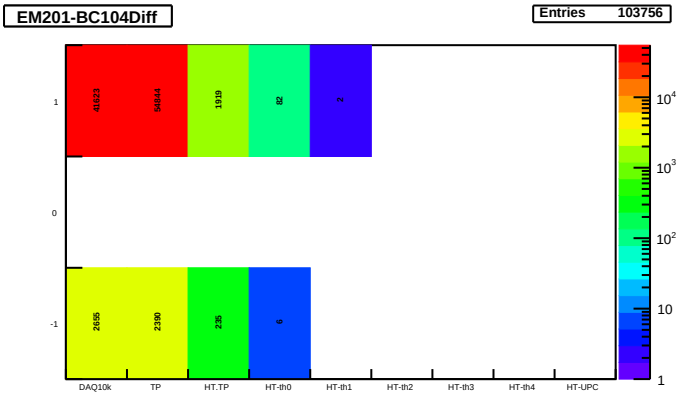

EM201-BC102
Entries 900297
1
0
12714
96200
4261
148
1
23
4
4022
87319
3833
97772
99885
100032
100010
100029
100033
96011
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC102Diff
Entries 107086
1
0
-1
6280
89198
3738
129
1
4021
3453
259
5
2
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

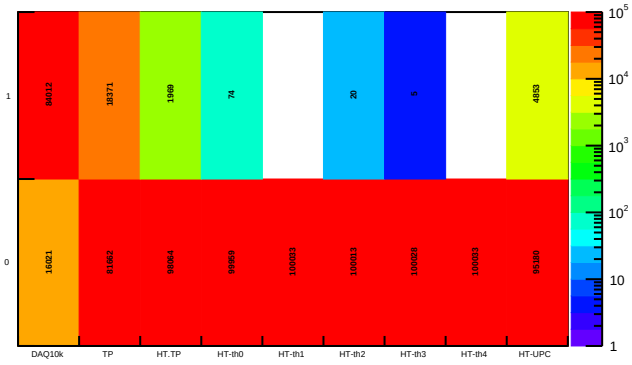

EM201-BC103
Entries 900297
1
0
86513
15790
1687
82
21
3
4258
13720
84243
98446
99951
100033
100012
100030
100033
95575
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC103Diff
Entries 101967
1
0
-1
83902
13192
1377
72
1894
2407
219
4
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

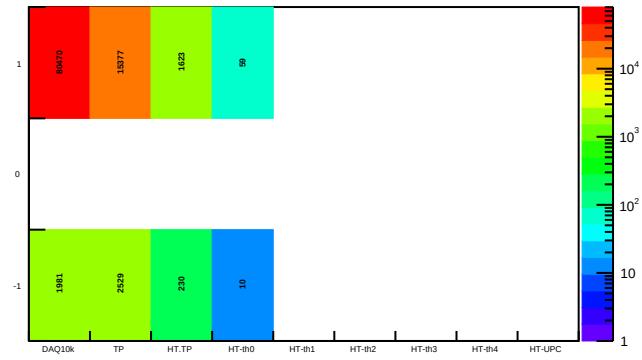

EM201-BC104
Entries 900297
1
0
44822
55308
2286
96
2
19
2
4534
55211
41725
97747
99937
100031
100014
100031
100033
95499
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC104Diff
Entries 103756
1
0
-1
41623
54844
1939
82
2
2695
2390
235
6
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

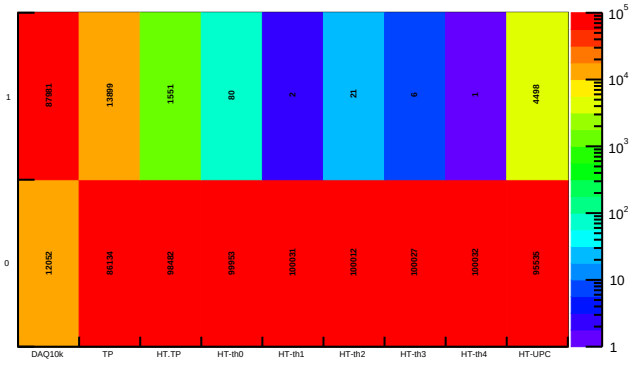
EM201-BC105 Entries 900297



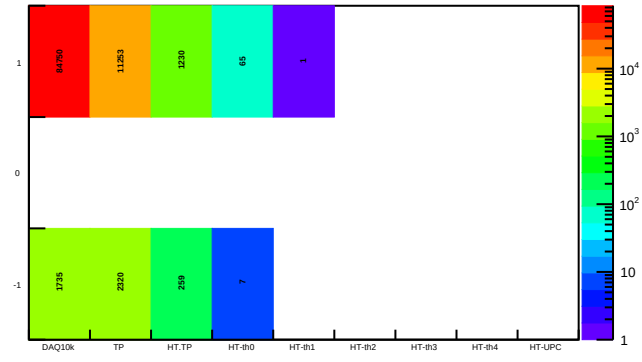
EM201-BC105Diff Entries 102279



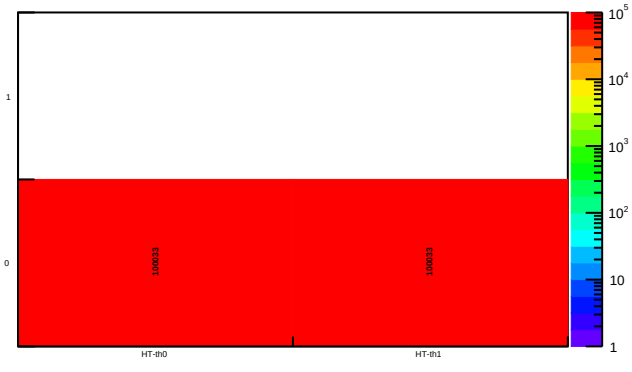
EM201-BC106 Entries 900297



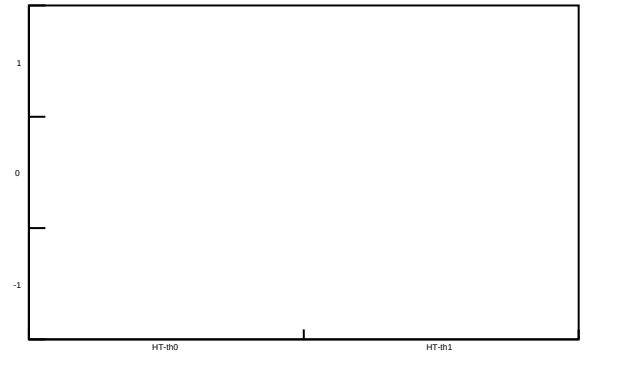
EM201-BC106Diff Entries 101620



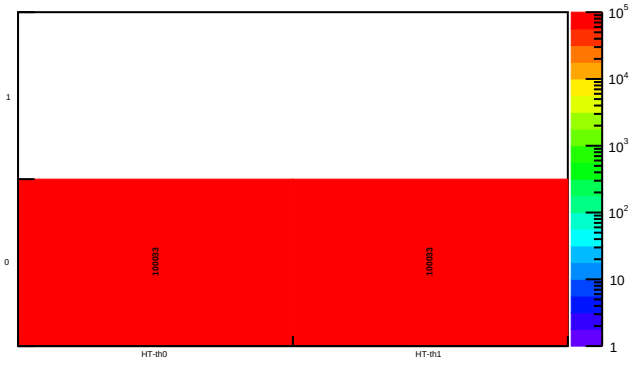
EM201-EE101 Entries 200066



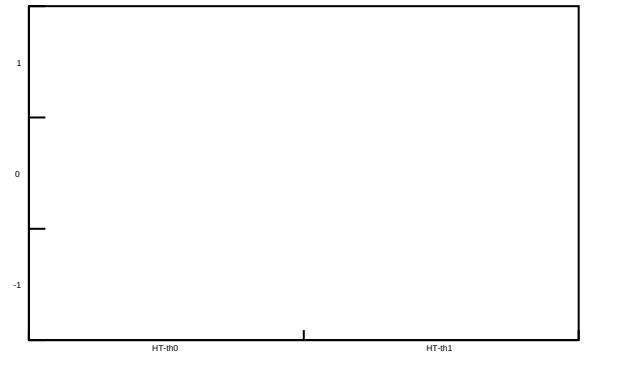
EM201-EE101Diff Entries 0

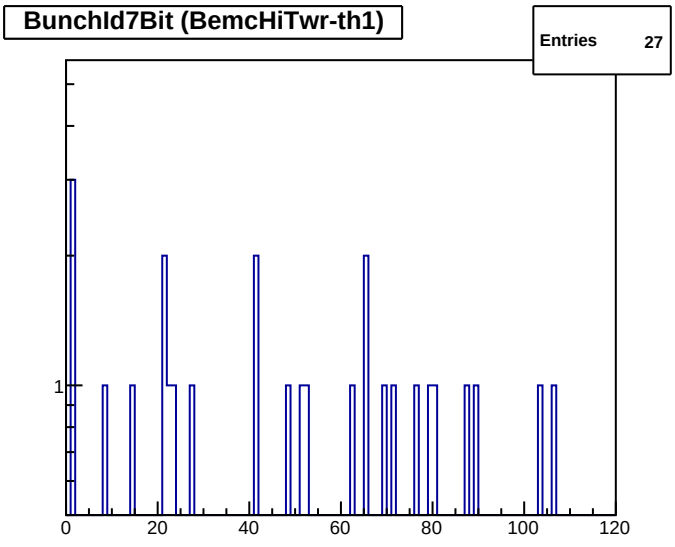


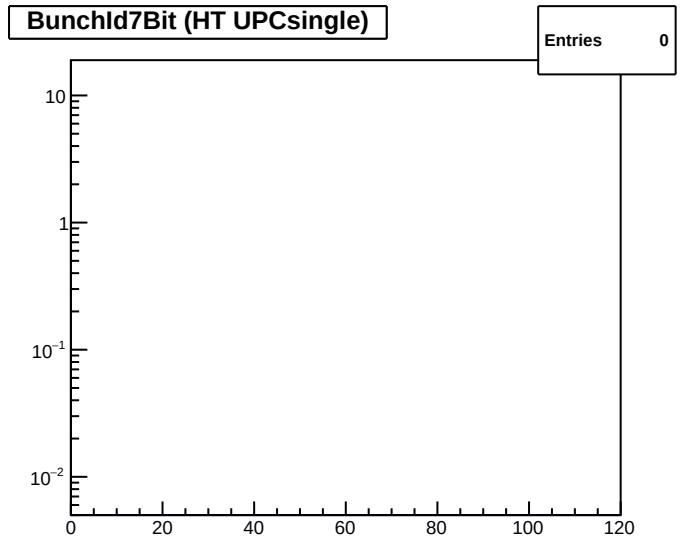
EM201-EE102 Entries 200066

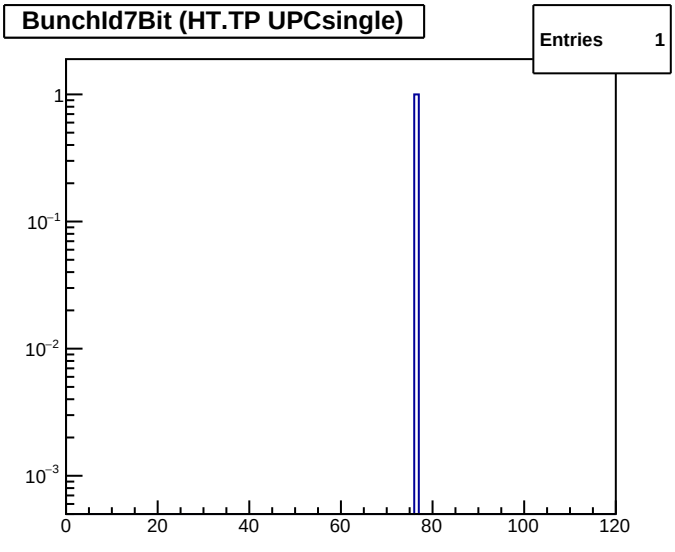


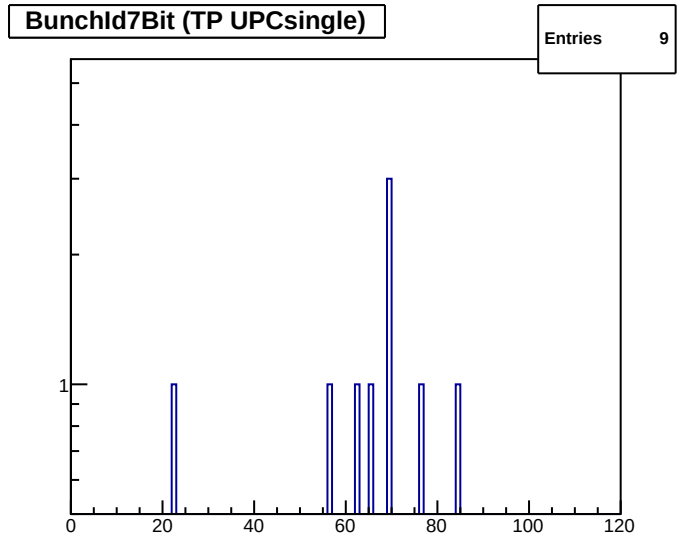
EM201-EE102Diff Entries 0

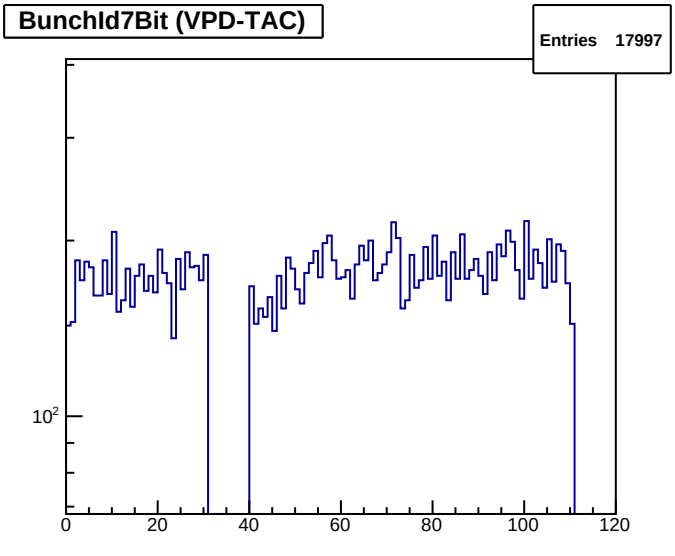


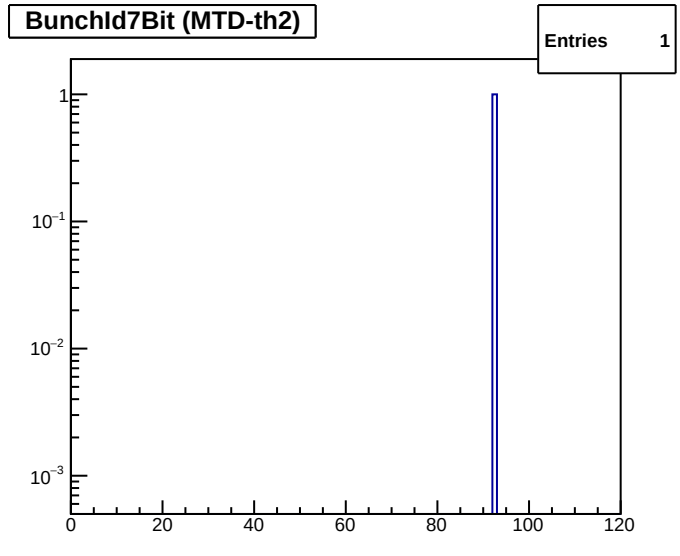

BunchId7Bit (BemcHiTwr-th1)
Entries 27
1
0 20 40 60 80 100 120

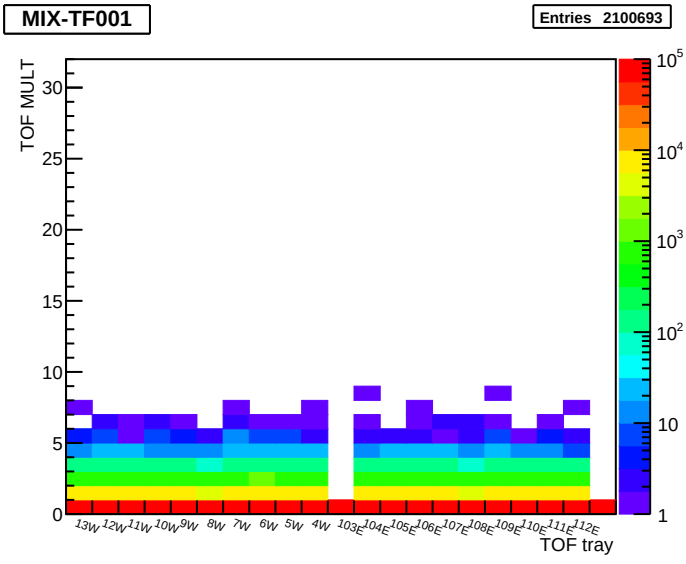

BunchId7Bit (HT UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

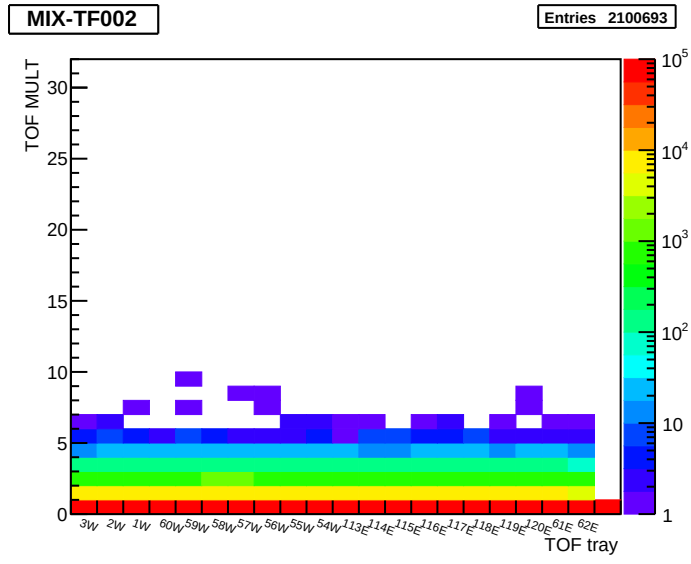

BunchId7Bit (HT.TP UPCsingle)
Entries 1
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

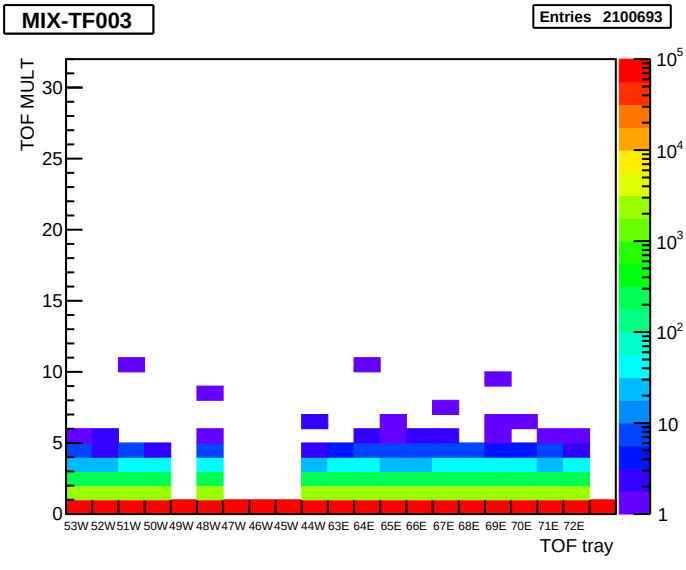

BunchId7Bit (TP UPCsingle)
Entries 9
1
0 20 40 60 80 100 120

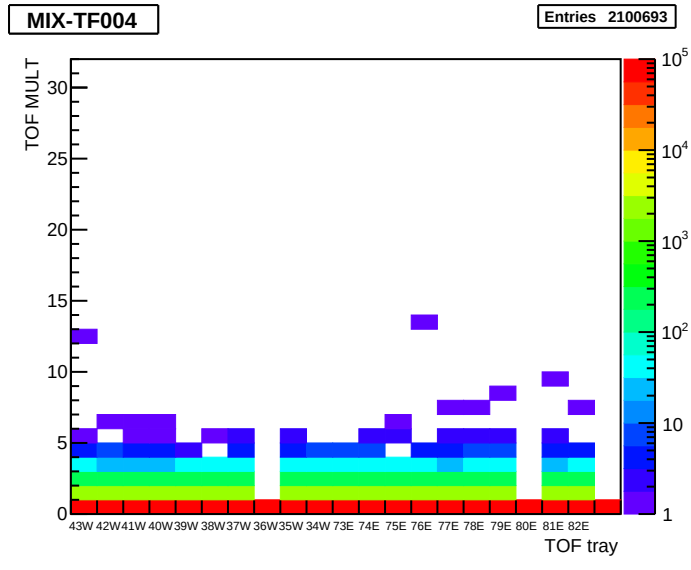

BunchId7Bit (VPD-TAC)
Entries 17997
10^{2}
0 20 40 60 80 100 120

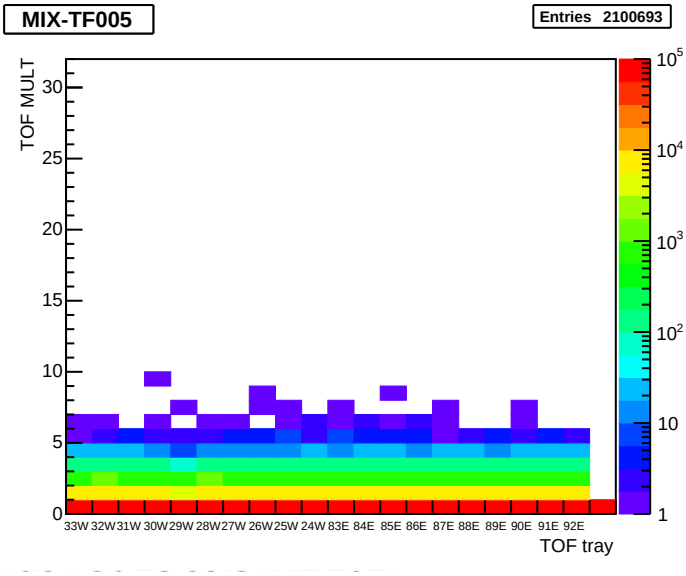

BunchId7Bit (MTD-th2)
Entries 1
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

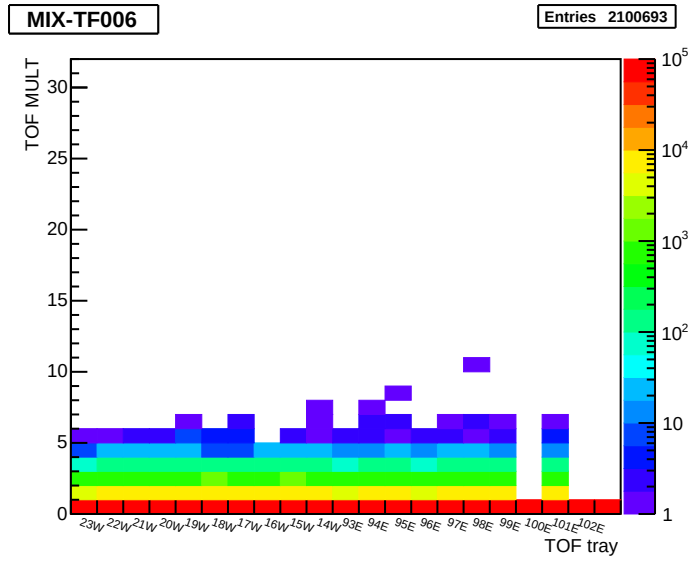

MIX-TF001
Entries 2100693
TOF MULT
TOF tray

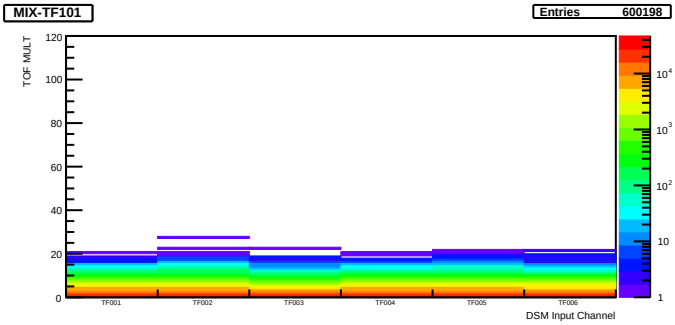

MIX-TF002
Entries 2100693
TOF MULT
TOF tray

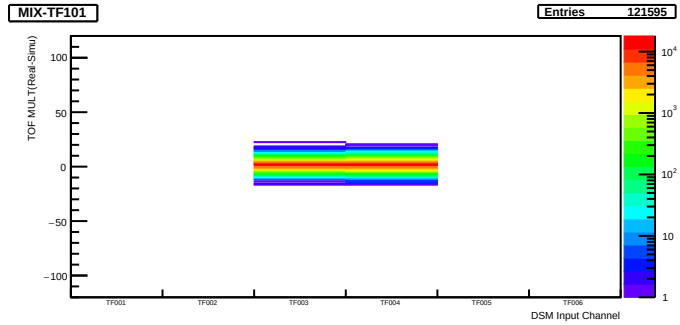

MIX-TF003
Entries 2100693
TOF MULT
TOF tray

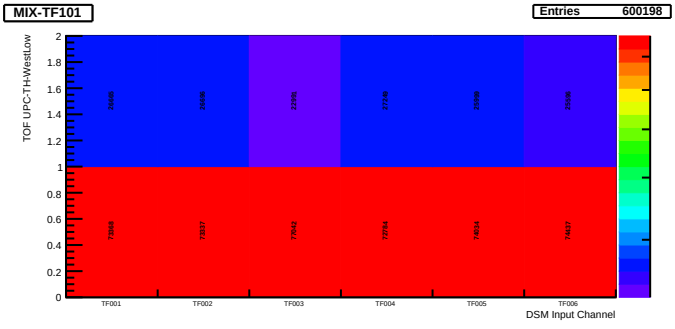

MIX-TF004
Entries 2100693
TOF MULT
TOF tray

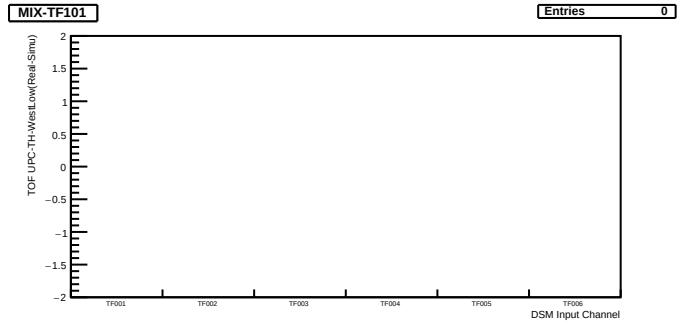

MIX-TF005
Entries 2100693
TOF MULT
TOF tray

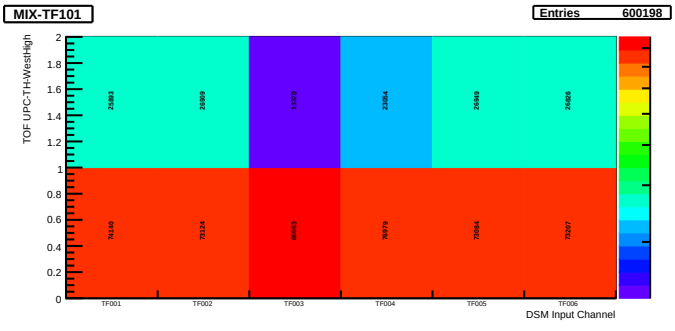

MIX-TF006
Entries 2100693
TOF MULT
TOF tray

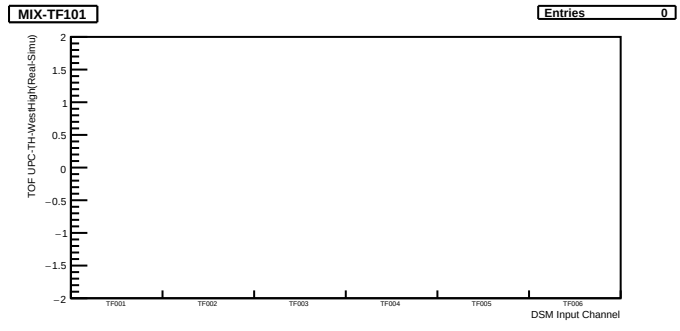

MIX-TF101
Entries 600198
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

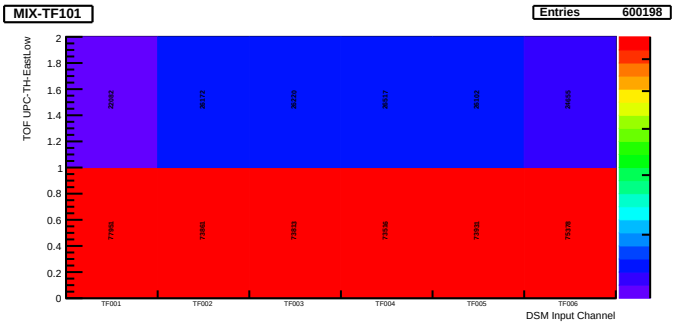

MIX-TF101
Entries 121595
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

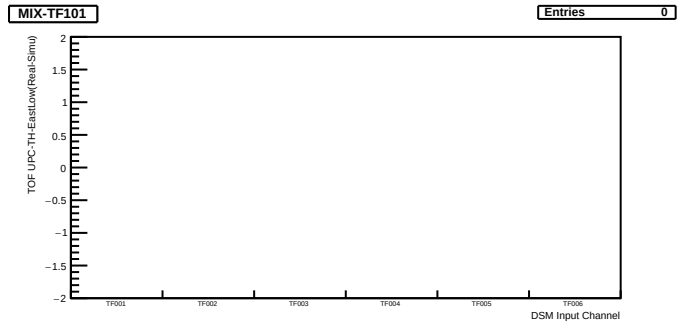

MIX-TF101
Entries 600198
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

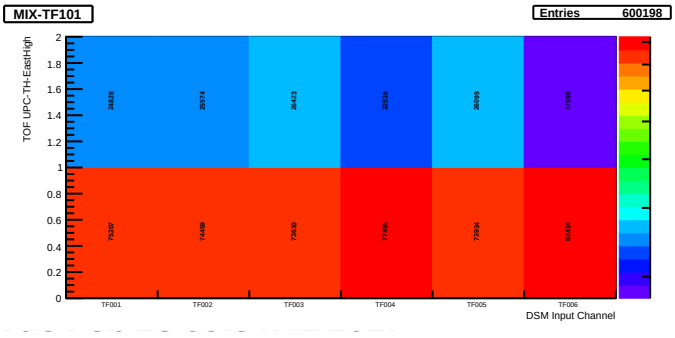

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

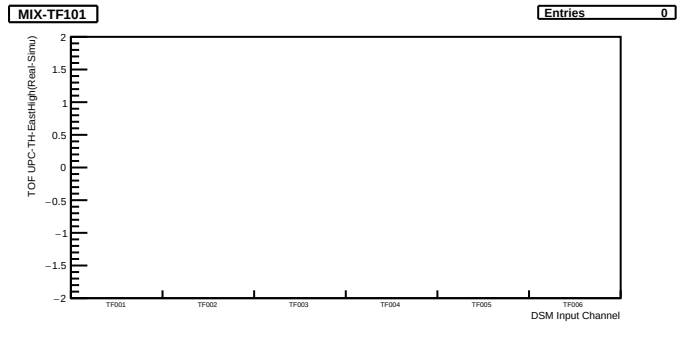

MIX-TF101
Entries 600198
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

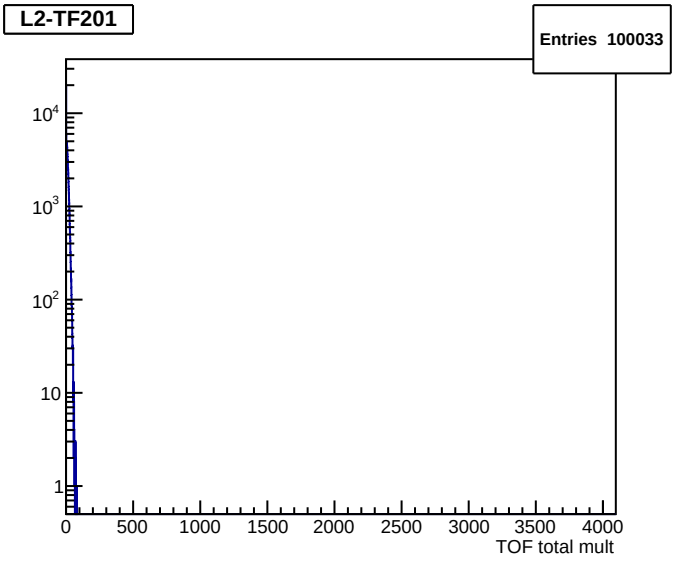

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

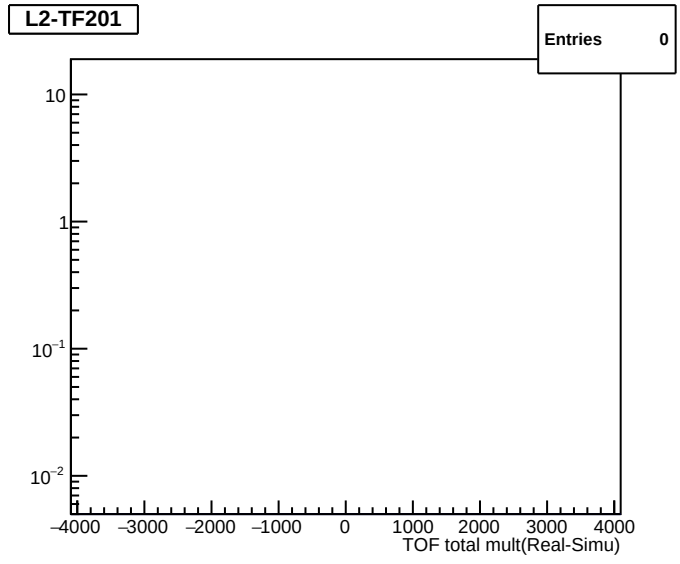

MIX-TF101
Entries 600198
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

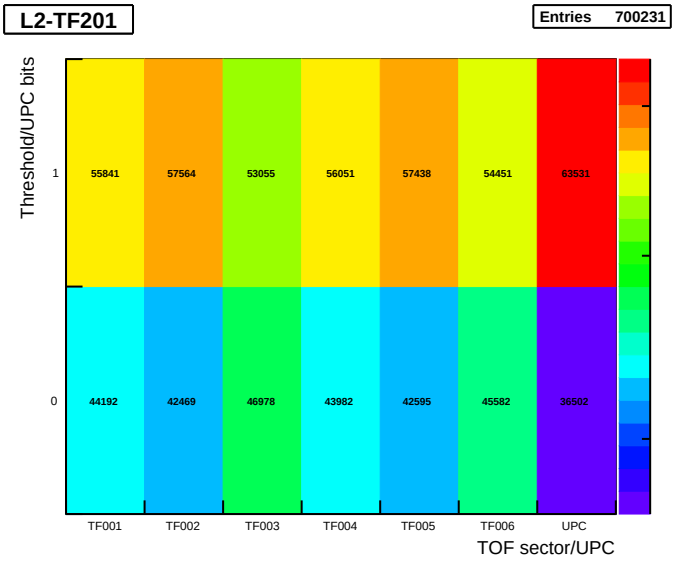

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

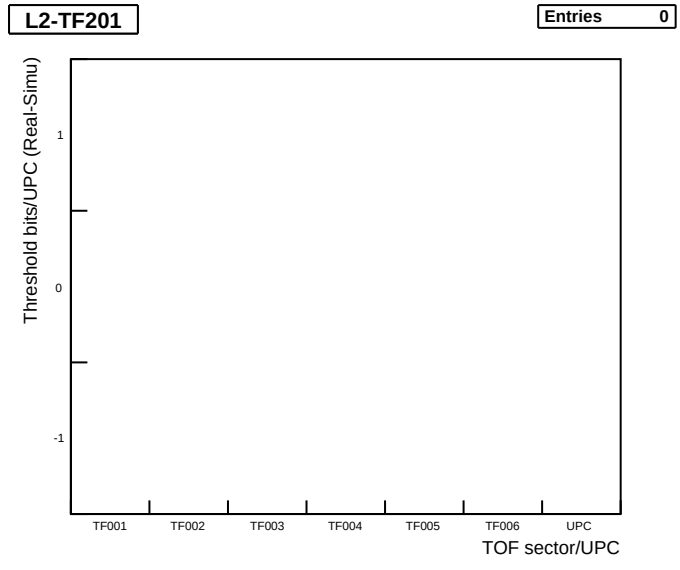

MIX-TF101
Entries 600198
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

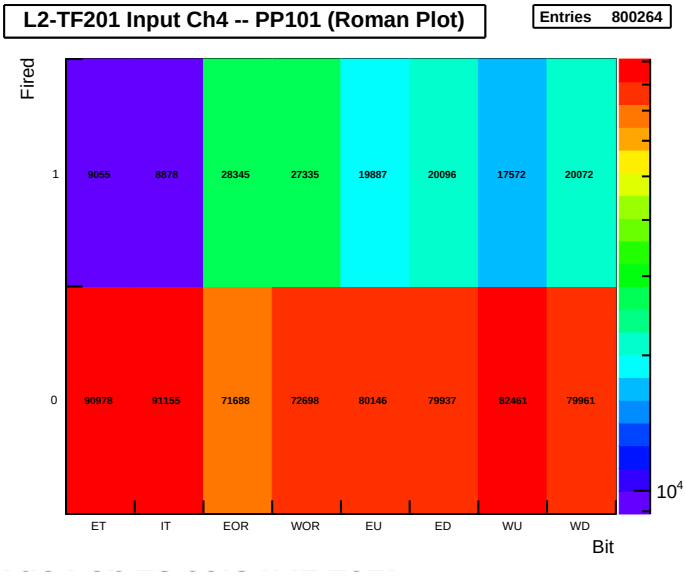

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

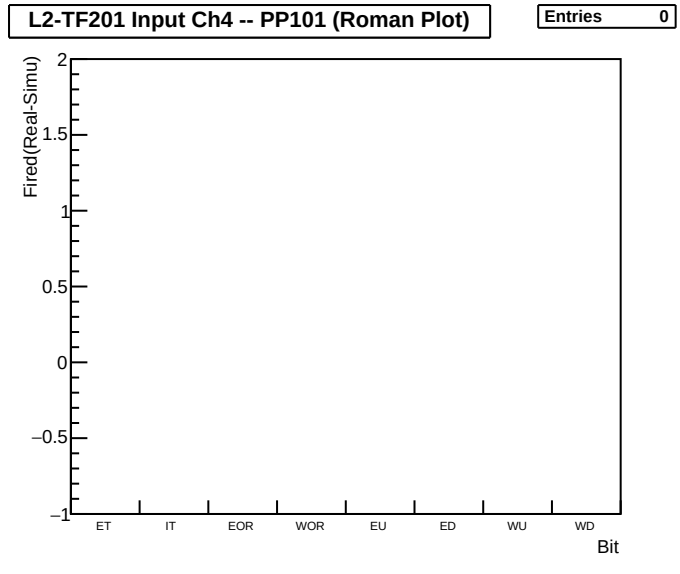

L2-TF201
Entries 100033
TOF total mult

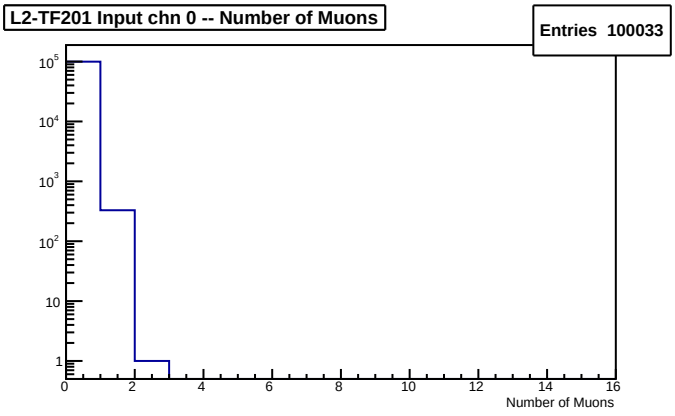

L2-TF201
Entries 0
TOF total mult(Real-Simu)

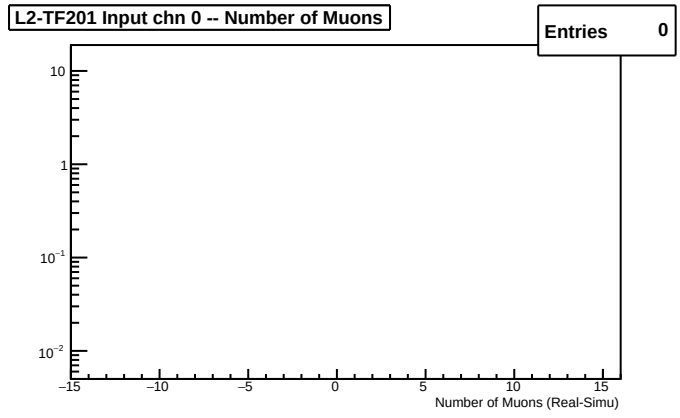

L2-TF201
Entries 700231
Threshold/UPC bits
55841
57564
53055
56051
57438
54451
63531
44192
42469
46978
43982
42595
45582
36502
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

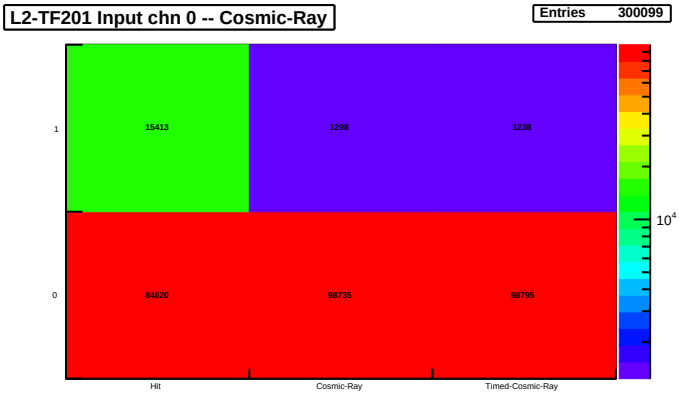

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

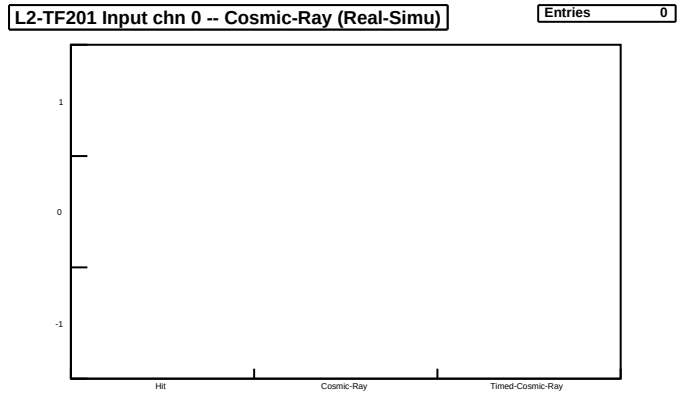

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 800264
Fired
9055
8878
28345
27335
19887
20096
17572
20072
90978
91155
71688
72698
80146
79937
82461
79961
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

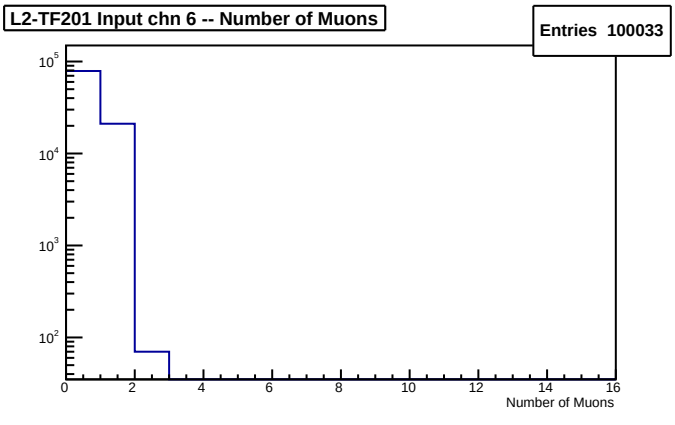

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

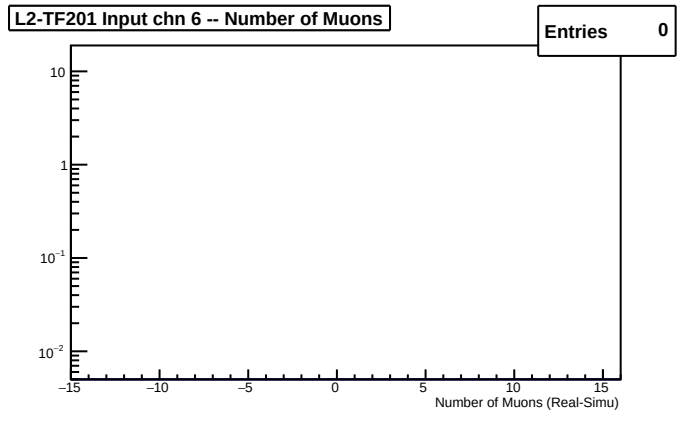

L2-TF201 Input chn 0 -- Number of Muons
Entries 100033
Number of Muons

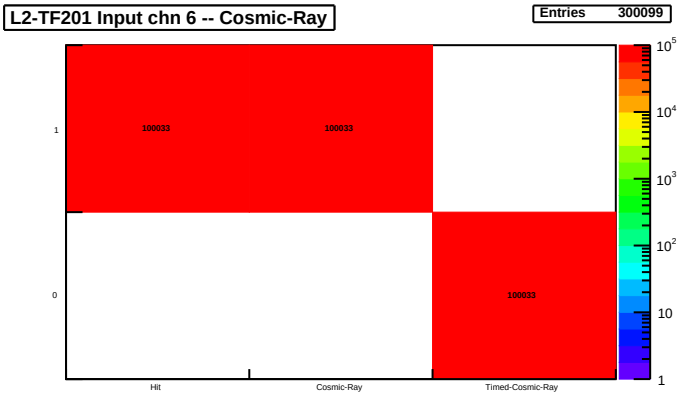

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

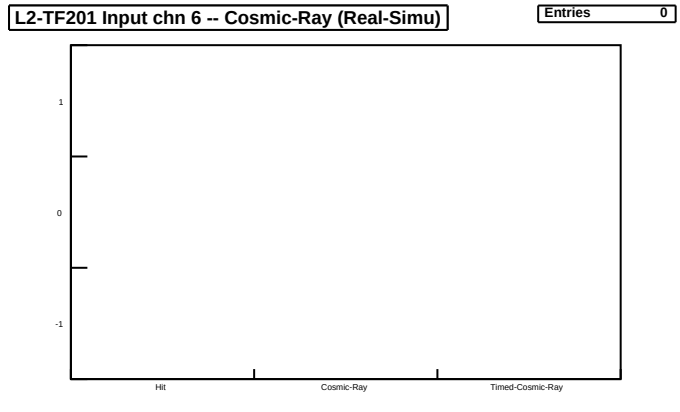

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 300099
15413
1298
1238
84620
98735
98795
Hit
Cosmic-Ray
Timed-Cosmic-Ray

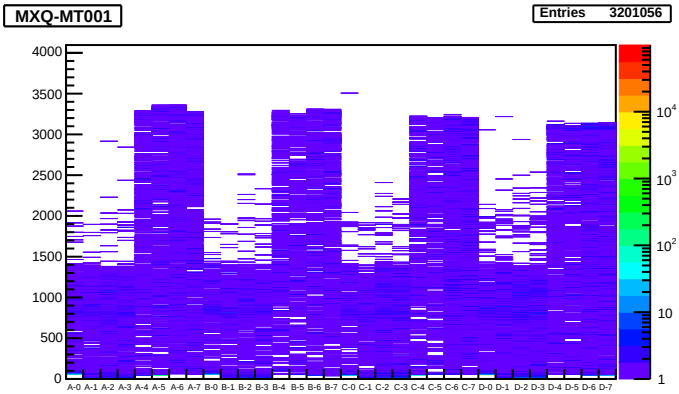

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

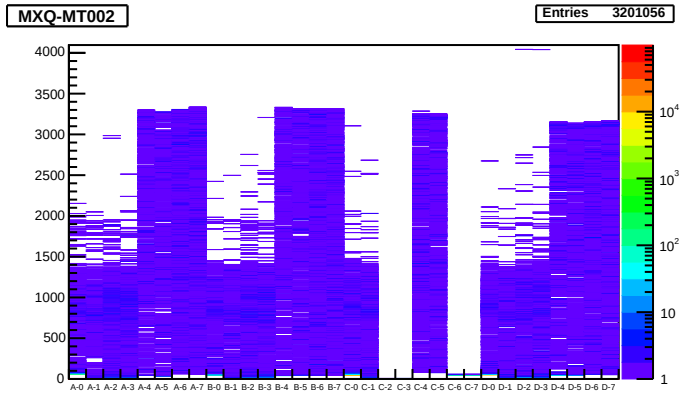

L2-TF201 Input chn 6 -- Number of Muons
Entries 100033
Number of Muons

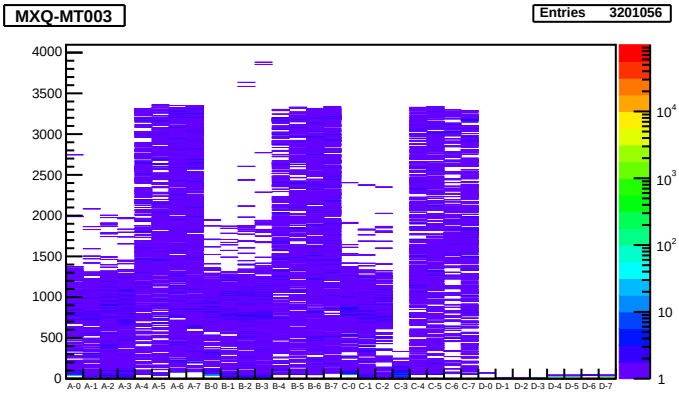

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

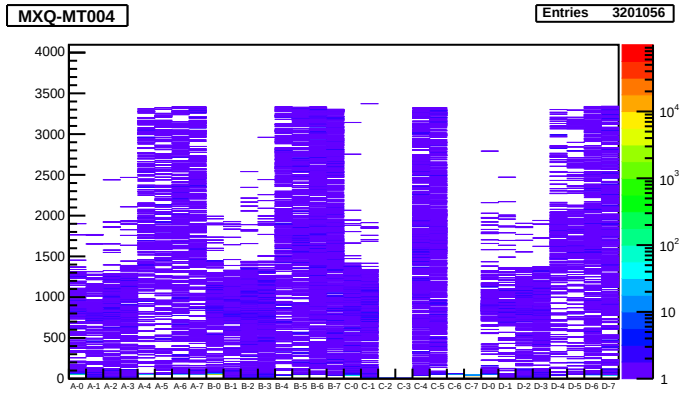

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 300099
100033
100033
100033
Hit
Cosmic-Ray
Timed-Cosmic-Ray

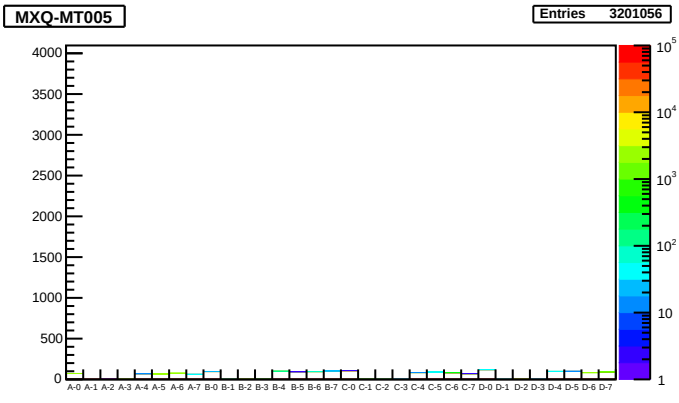

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

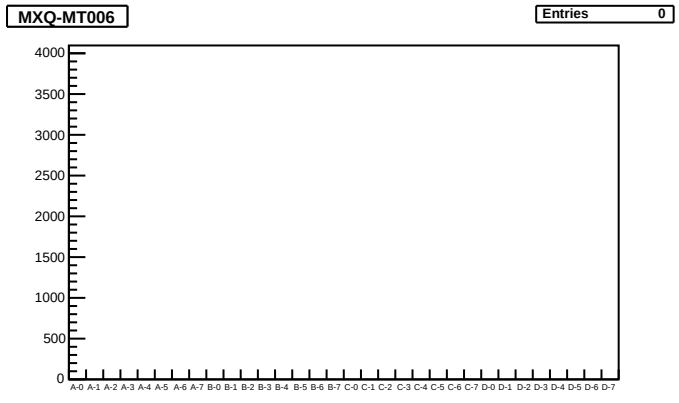

MXQ-MT001
Entries 3201056

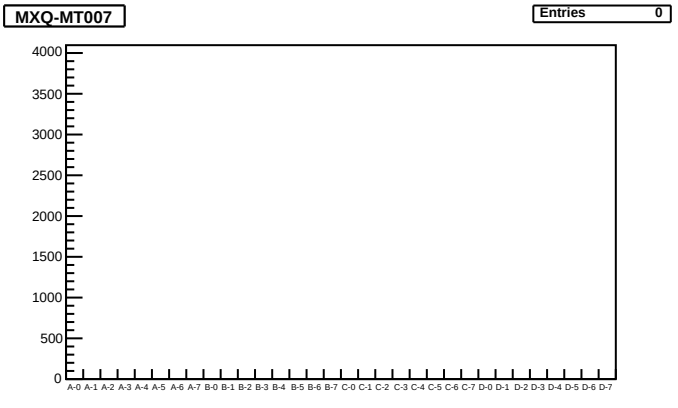

MXQ-MT002
Entries 3201056

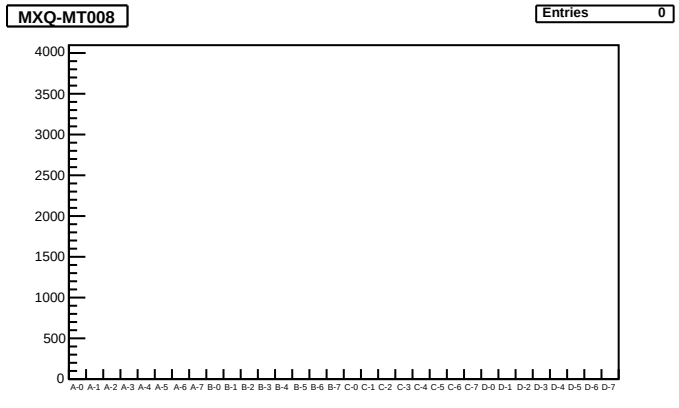

MXQ-MT003
Entries 3201056

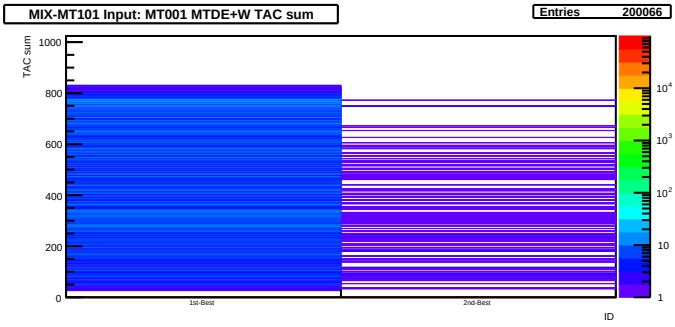

MXQ-MT004
Entries 3201056

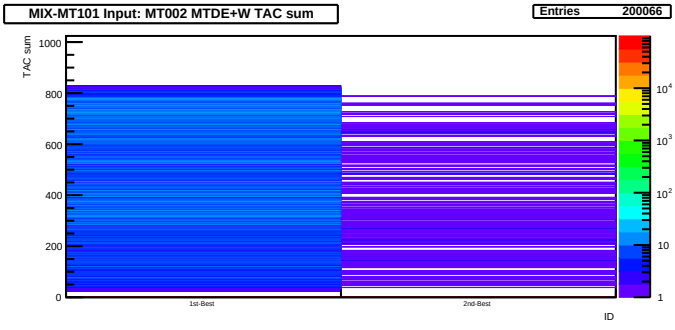

MXQ-MT005
Entries 3201056

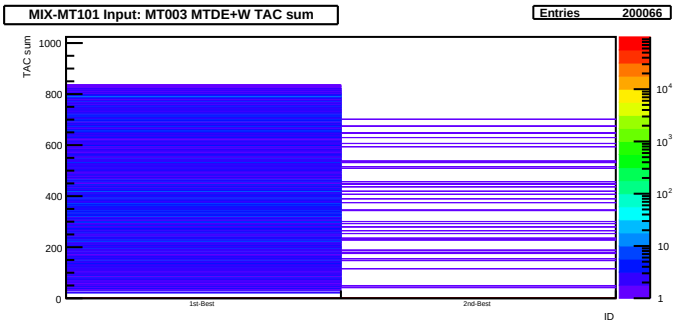

MXQ-MT006
Entries 0

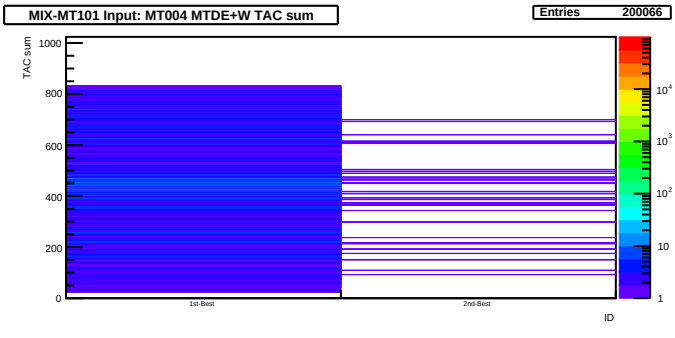

MXQ-MT007
Entries 0

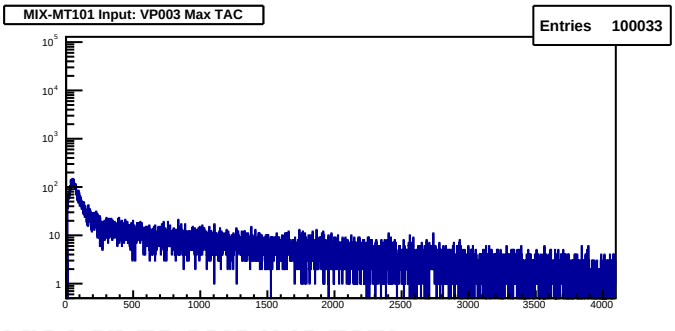

MXQ-MT008
Entries 0

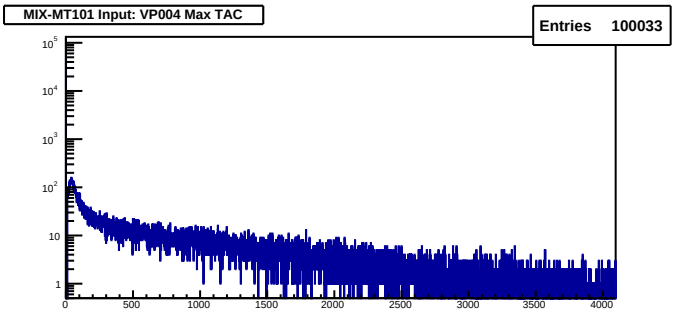

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 200066
TAC sum
1st-Best
2nd-Best
ID

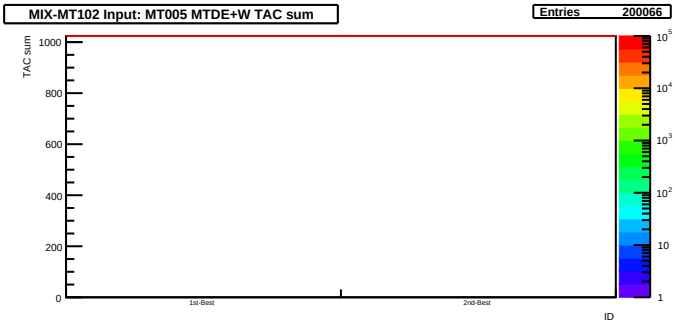

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 200066
TAC sum
1st-Best
2nd-Best
ID

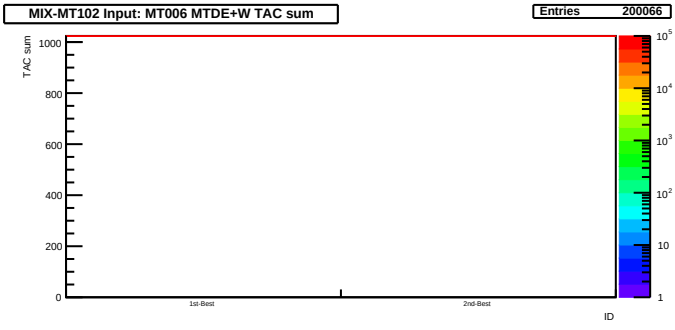

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 200066
TAC sum
1st-Best
2nd-Best
ID

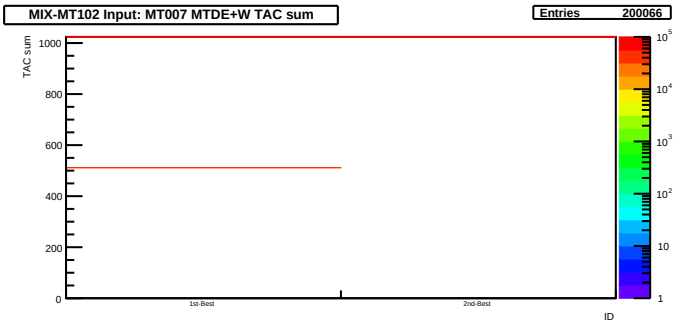

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 200066
TAC sum
1st-Best
2nd-Best
ID

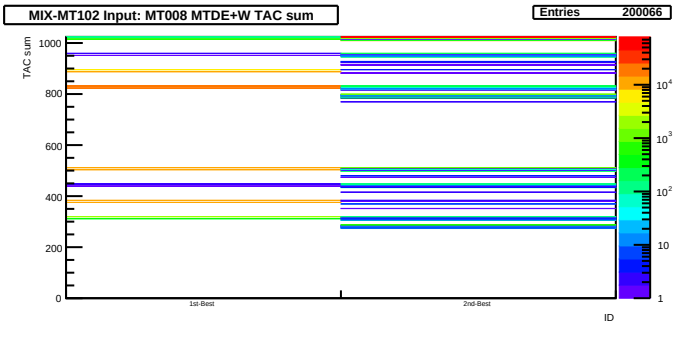

MIX-MT101 Input: VP003 Max TAC
Entries 100033

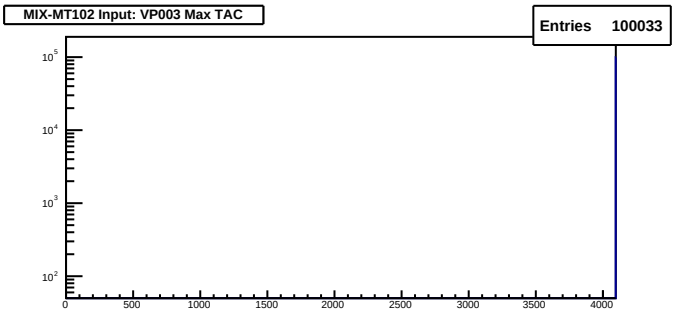

MIX-MT101 Input: VP004 Max TAC
Entries 100033

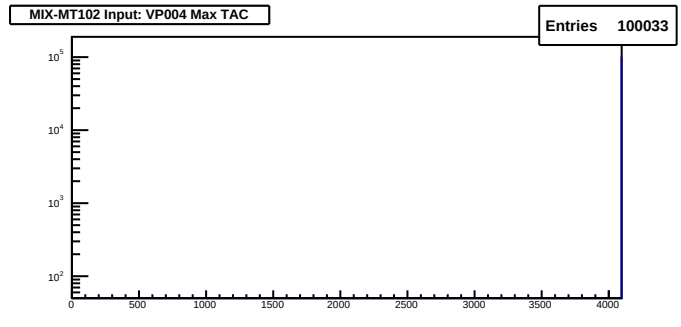

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 200066
TAC sum
1st-Best
2nd-Best
ID

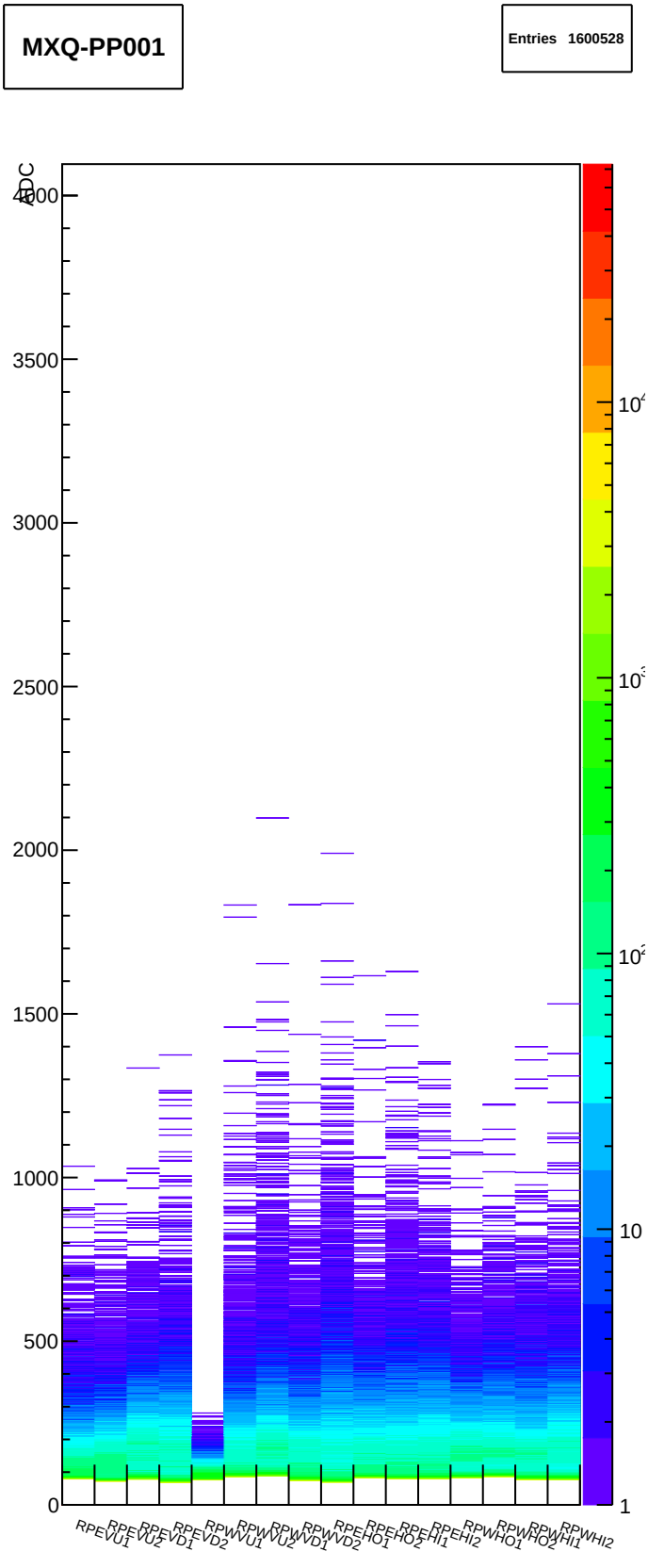

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 200066
TAC sum
1st-Best
2nd-Best
ID

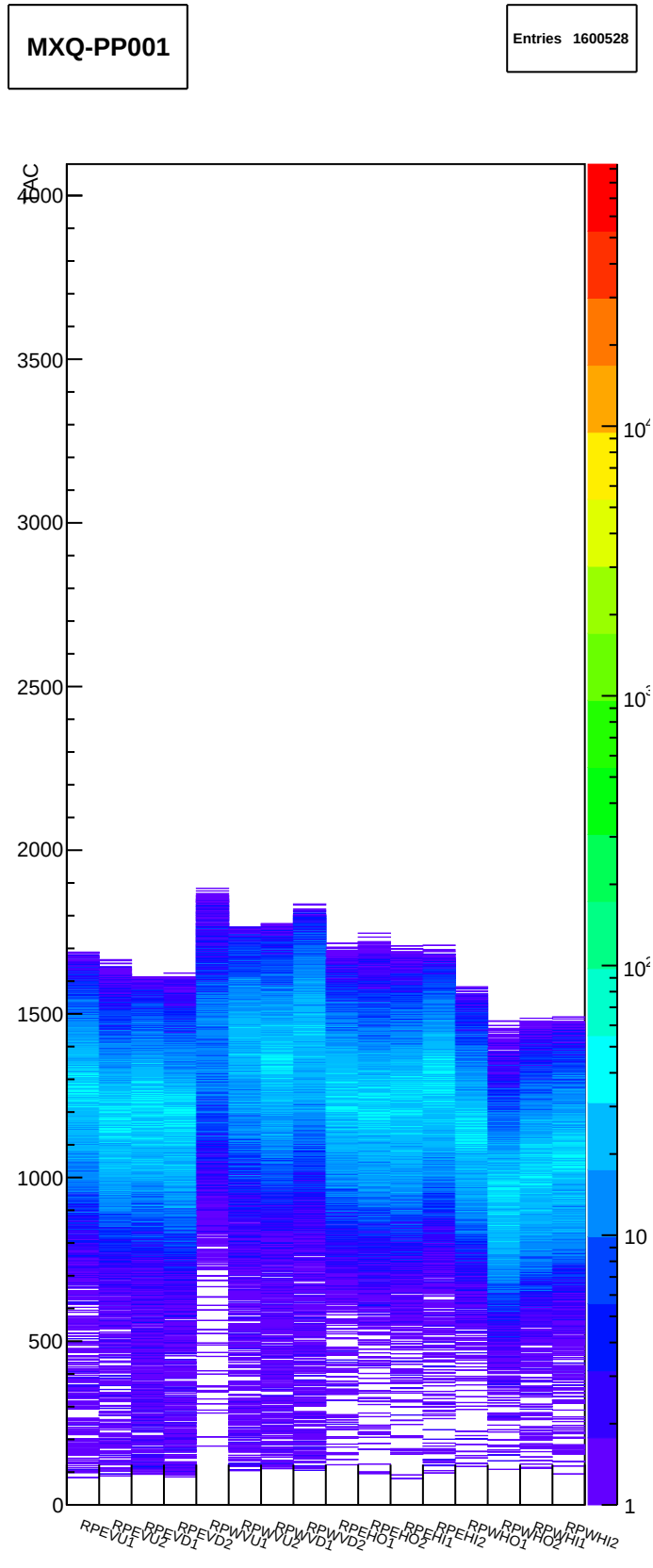

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 200066
TAC sum
1st-Best
2nd-Best
ID

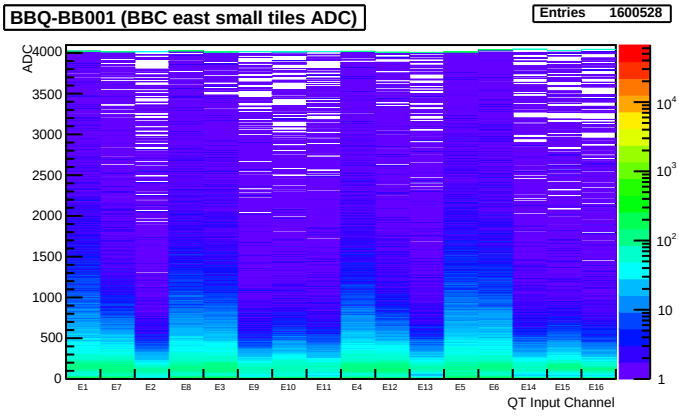

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 200066
TAC sum
1st-Best
2nd-Best
ID

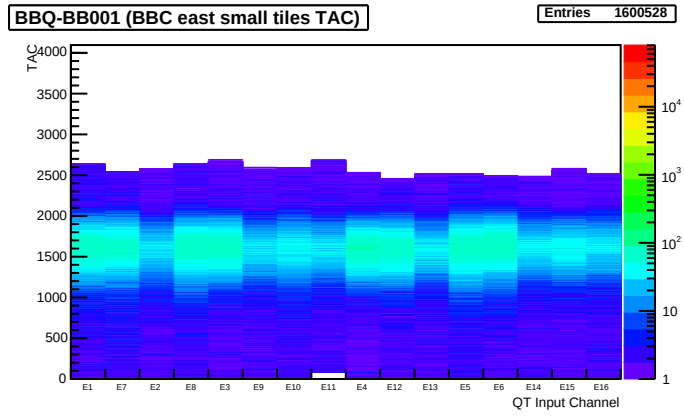

MIX-MT102 Input: VP003 Max TAC
Entries 100033

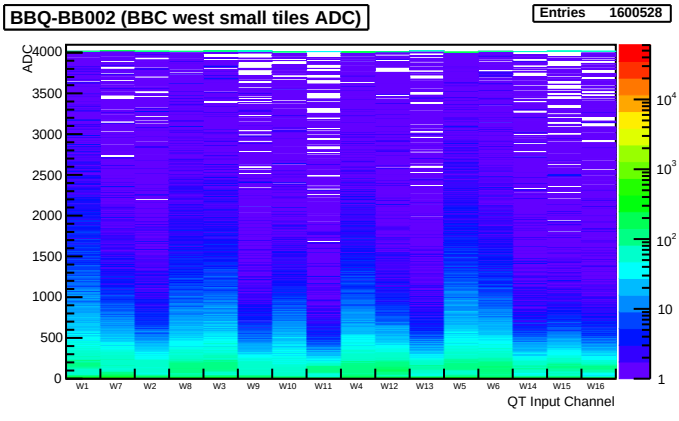

MIX-MT102 Input: VP004 Max TAC
Entries 100033

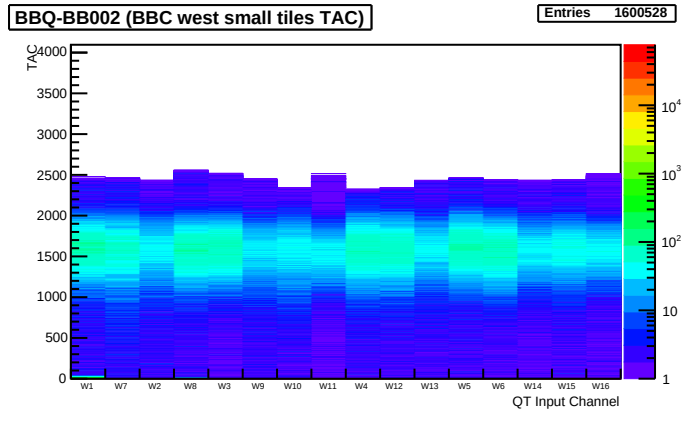

MXQ-PP001
Entries 1600528
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

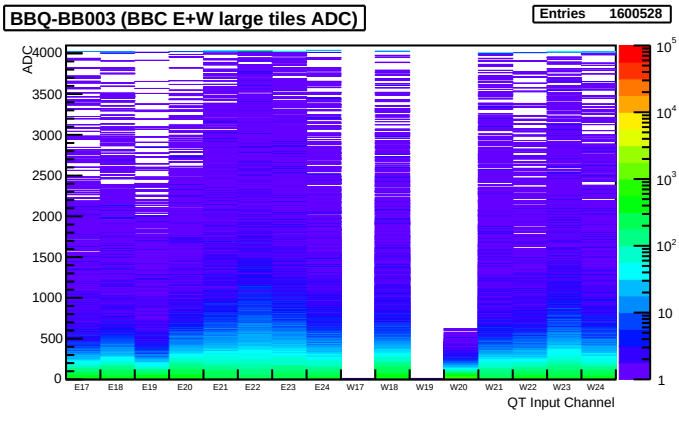

MXQ-PP001
Entries 1600528
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

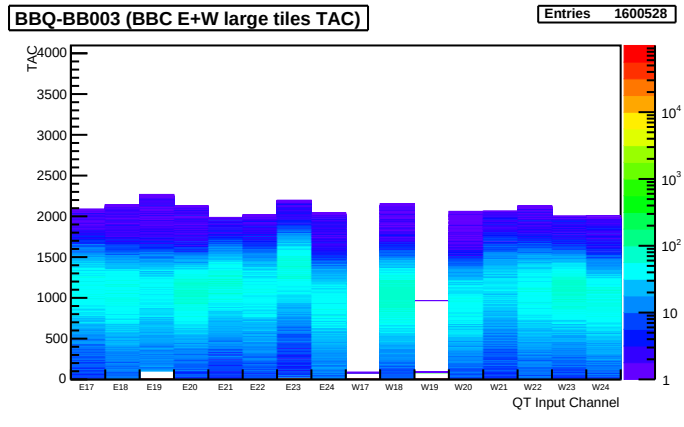

BBQ-BB001 (BBC east small tiles ADC)
Entries 1600528
ADC
QT Input Channel

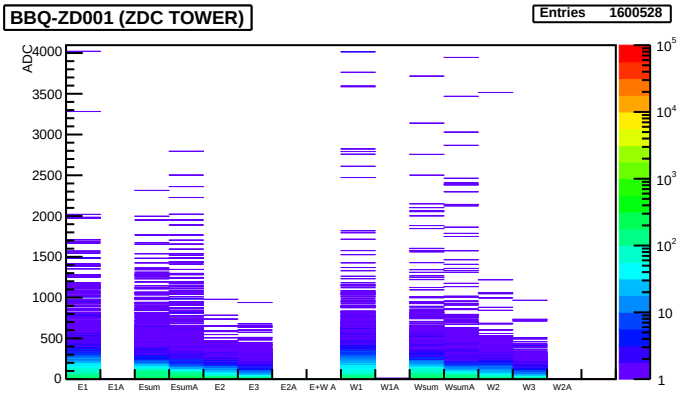

BBQ-BB001 (BBC east small tiles TAC)
Entries 1600528
TAC
QT Input Channel

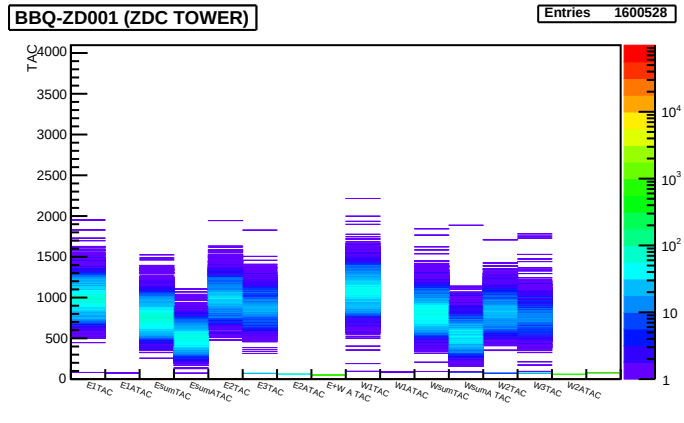

BBQ-BB002 (BBC west small tiles ADC)
Entries 1600528
ADC
QT Input Channel

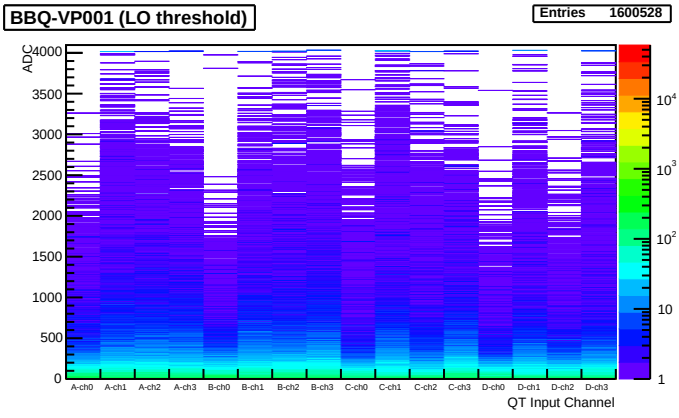

BBQ-BB002 (BBC west small tiles TAC)
Entries 1600528
TAC
QT Input Channel

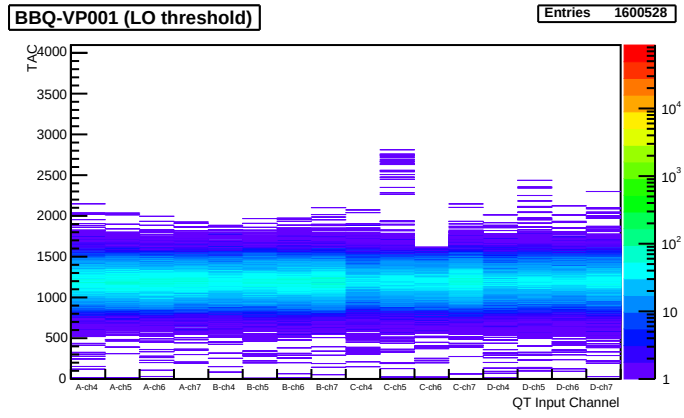

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1600528
ADC
QT Input Channel

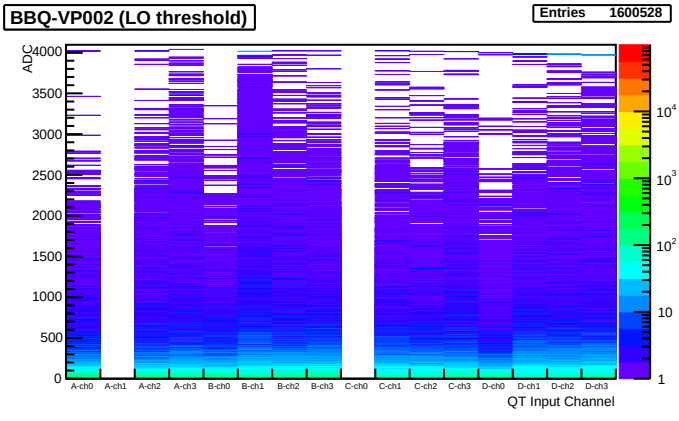

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1600528
TAC
QT Input Channel

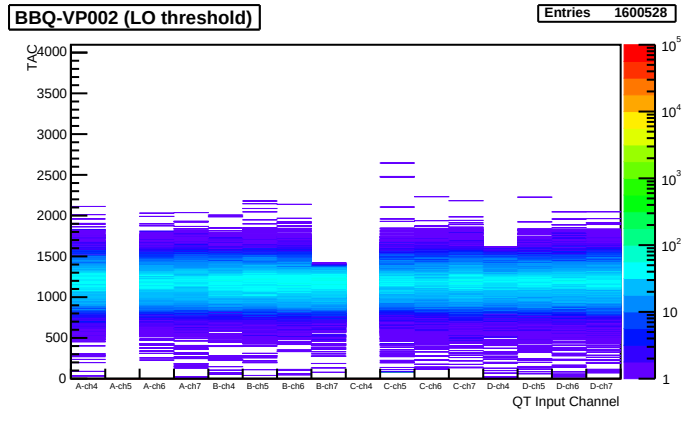

BBQ-ZD001 (ZDC TOWER)
Entries 1600528
ADC

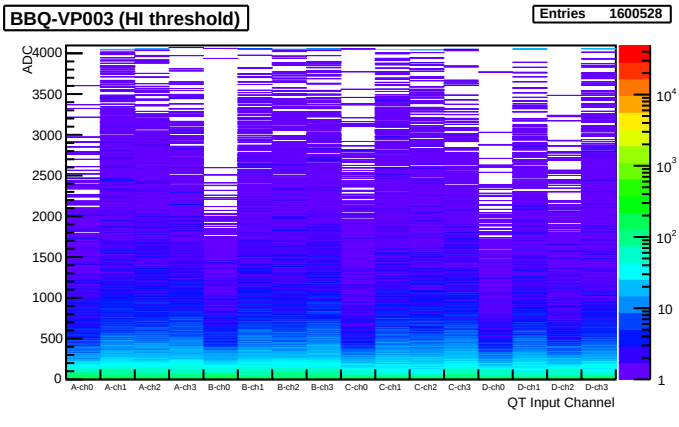

BBQ-ZD001 (ZDC TOWER)
Entries 1600528
TAC

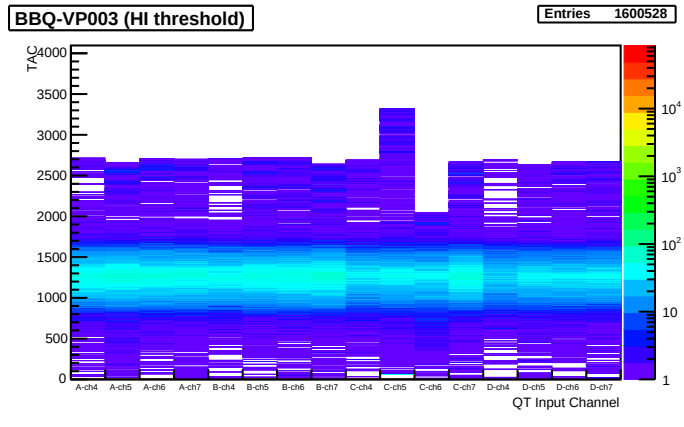

BBQ-VP001 (LO threshold)
Entries 1600528
ADC
QT Input Channel

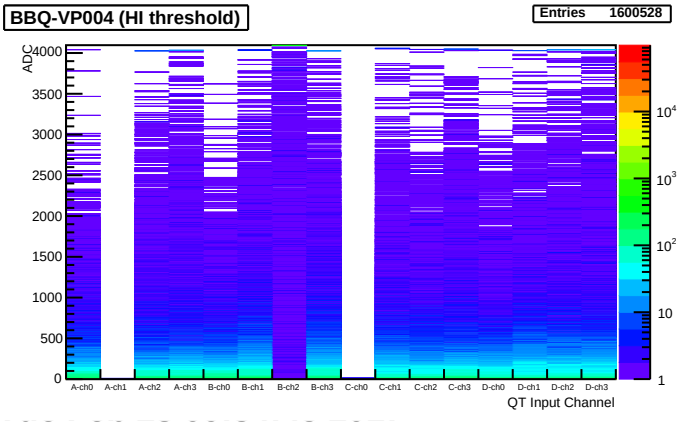

BBQ-VP001 (LO threshold)
Entries 1600528
TAC
QT Input Channel

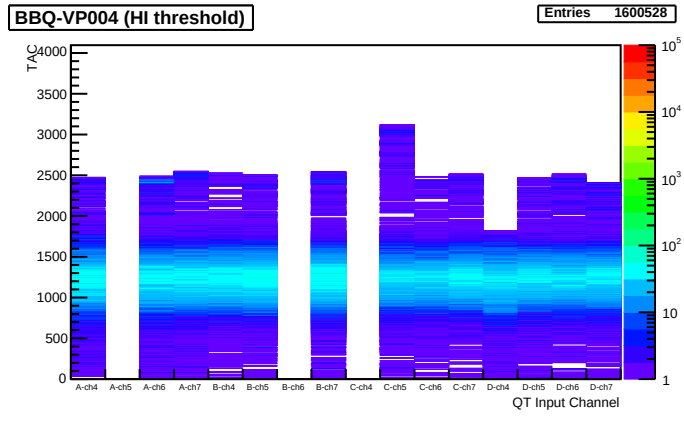

BBQ-VP002 (LO threshold)
Entries 1600528
ADC
QT Input Channel

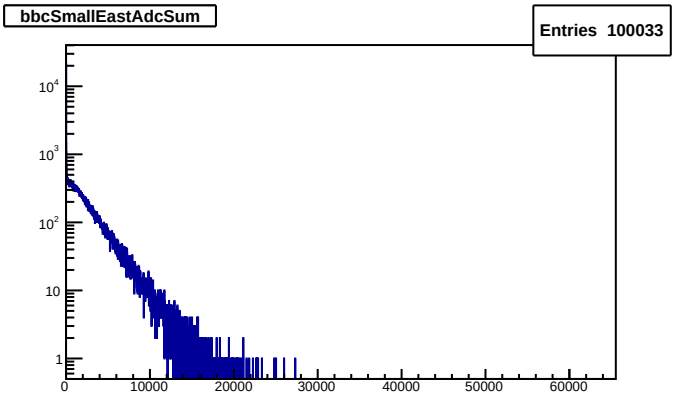

BBQ-VP002 (LO threshold)
Entries 1600528
TAC
QT Input Channel

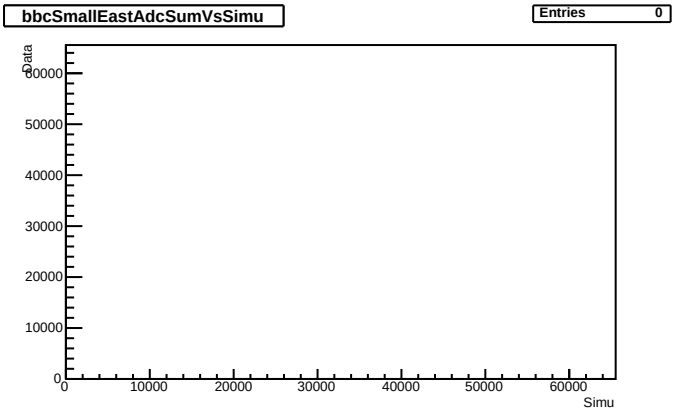

BBQ-VP003 (HI threshold)
Entries 1600528
ADC
QT Input Channel

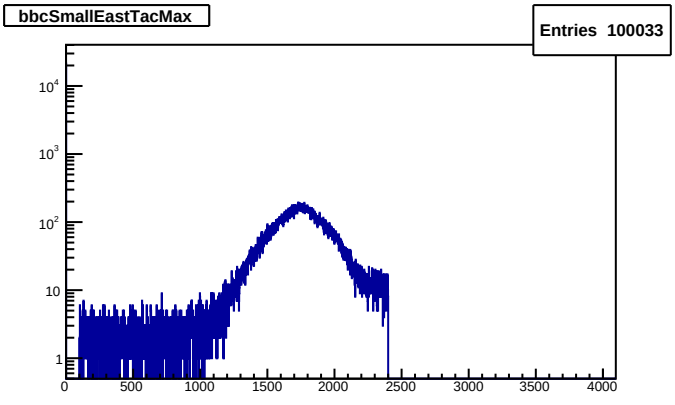

BBQ-VP003 (HI threshold)
Entries 1600528
TAC
QT Input Channel

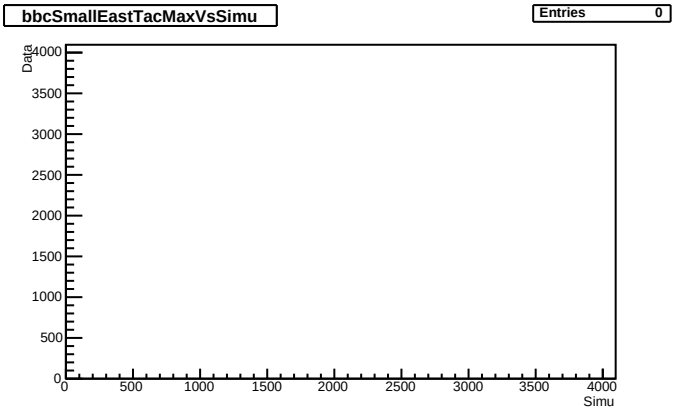

BBQ-VP004 (HI threshold)
Entries 1600528
ADC
QT Input Channel

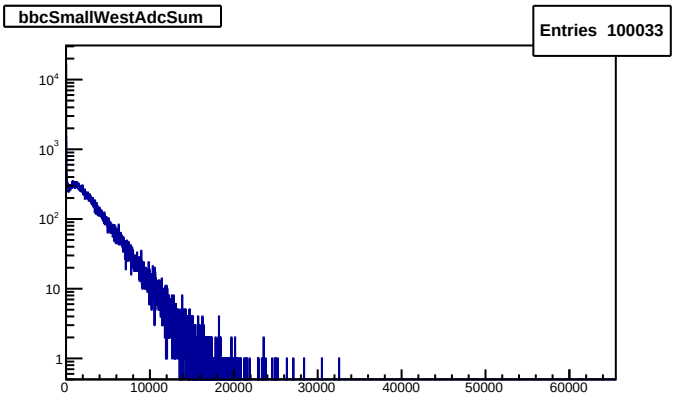

BBQ-VP004 (HI threshold)
Entries 1600528
TAC
QT Input Channel

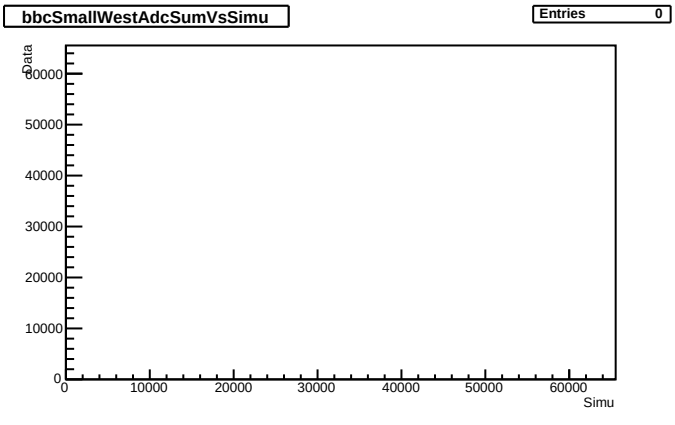

bbcSmallEastAdcSum
Entries 100033

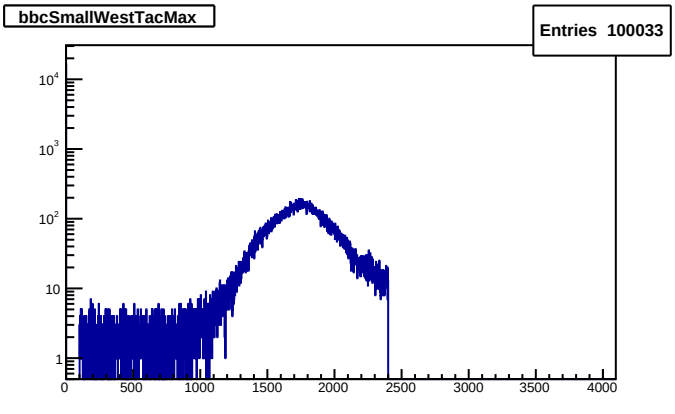

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

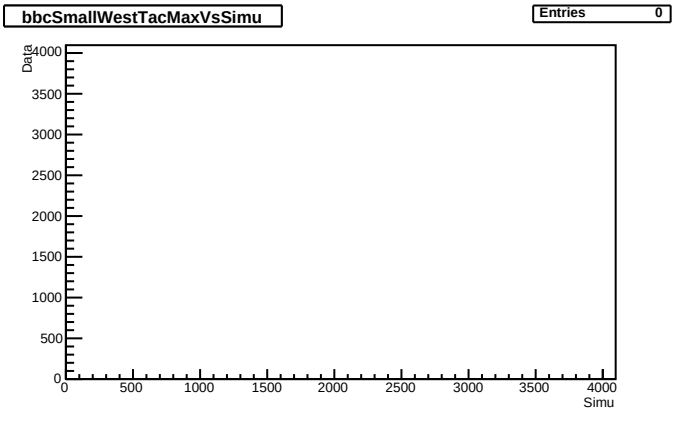

bbcSmallEastTacMax
Entries 100033

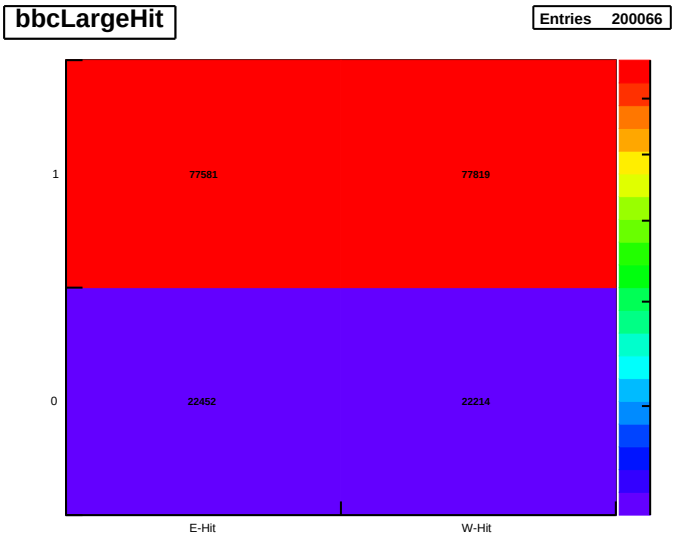

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

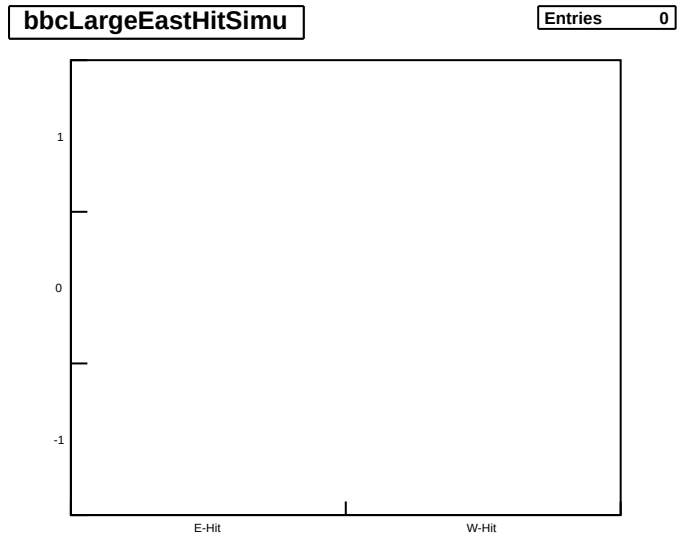

bbcSmallWestAdcSum
Entries 100033

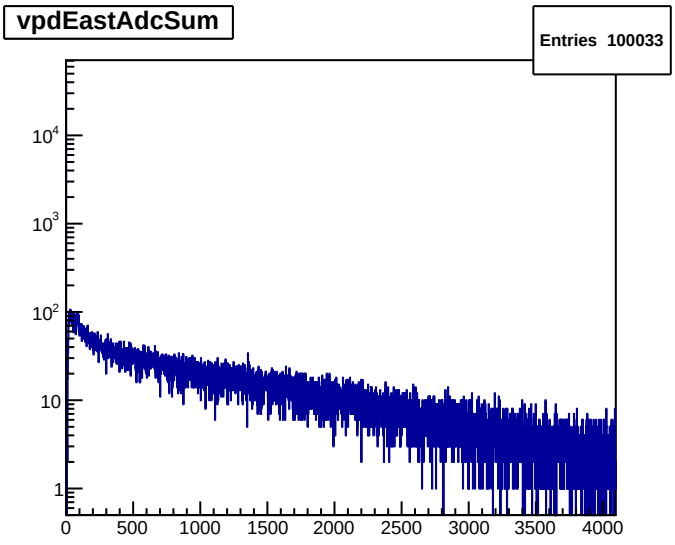

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

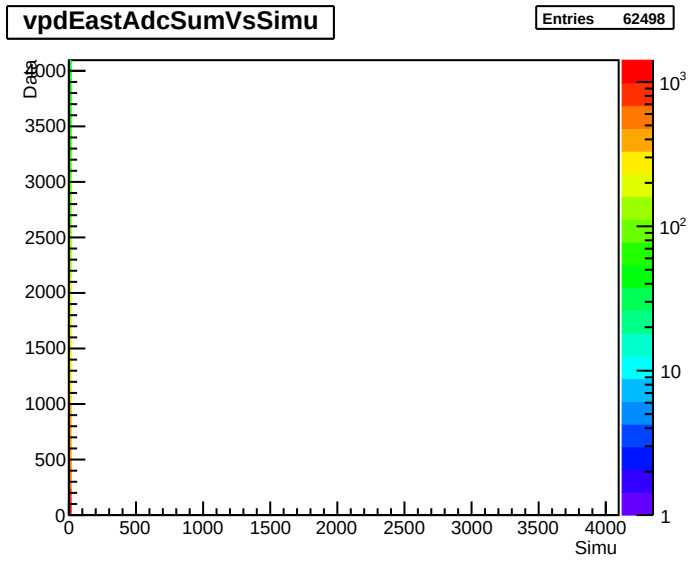

bbcSmallWestTacMax
Entries 100033

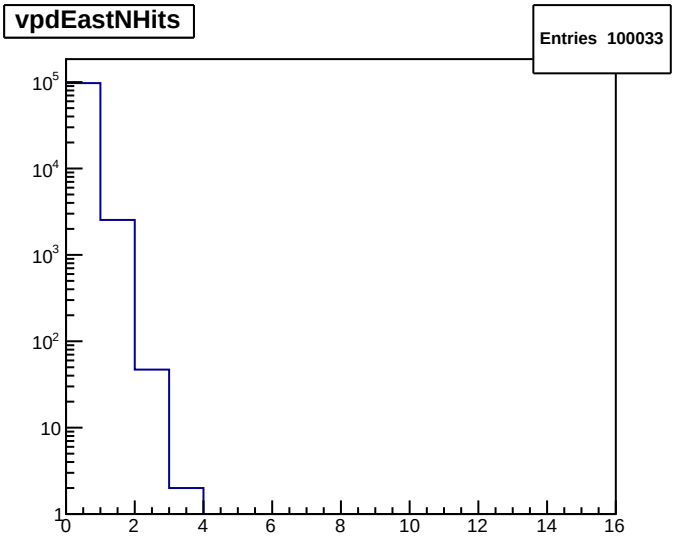

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

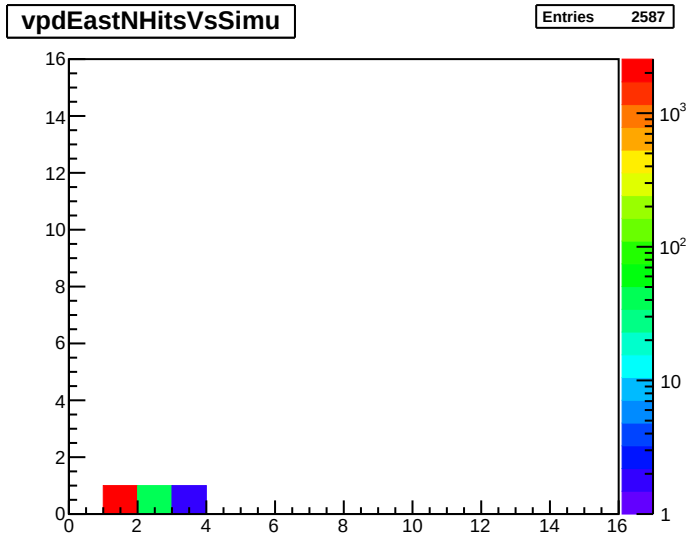

bbcLargeHit
Entries 200066
1
0
77581
77819
22452
22214
E-Hit
W-Hit

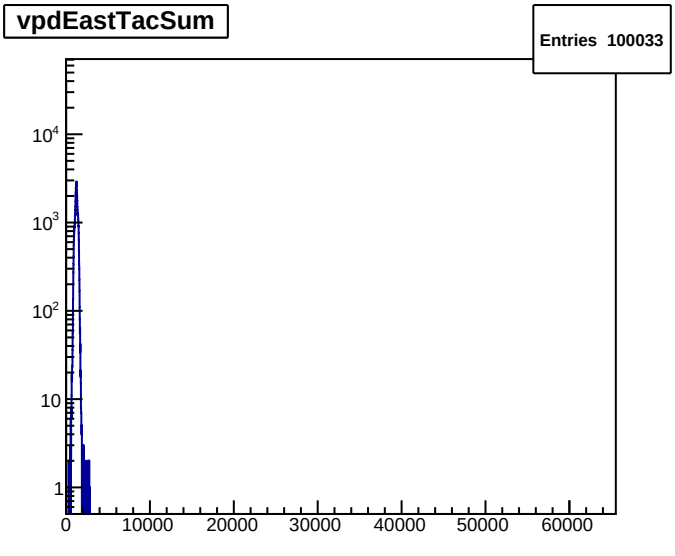

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

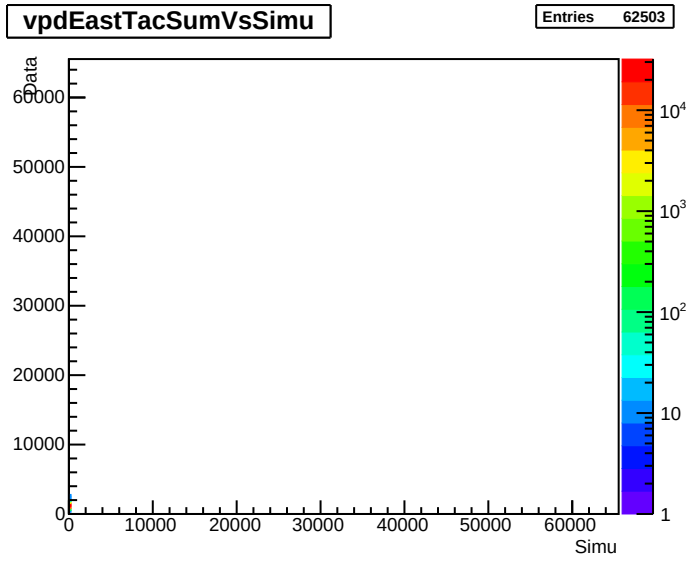

vpdEastAdcSum
Entries 100033

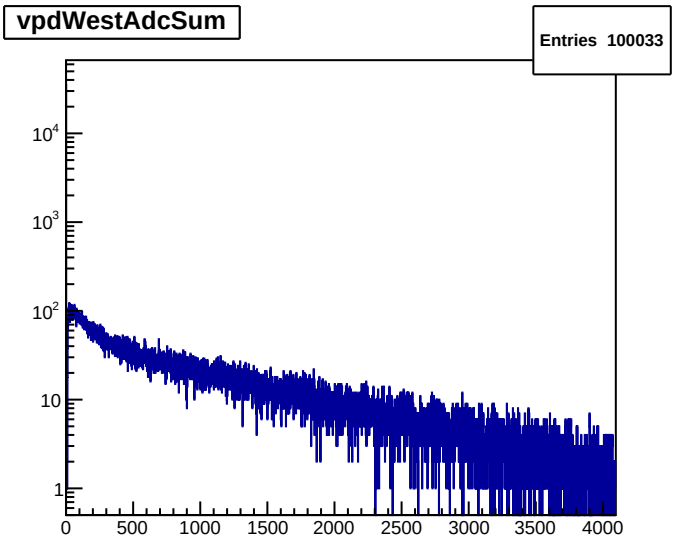

vpdEastAdcSumVsSimu
Entries 62498
Data
Simu

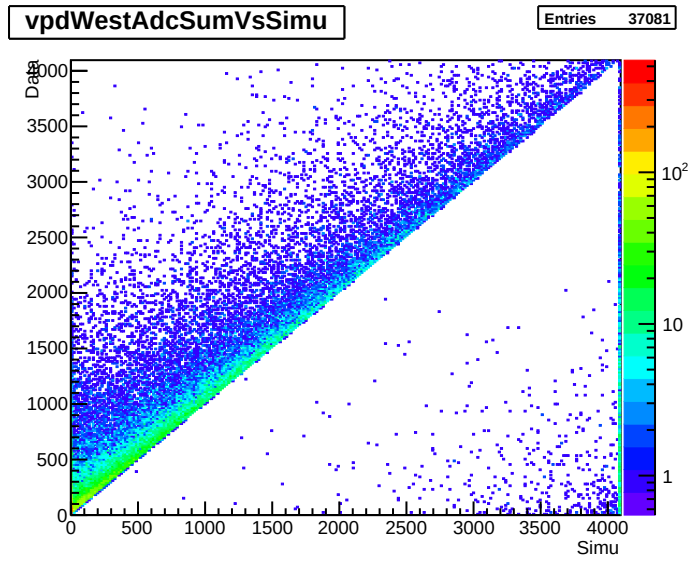

vpdEastNHits
Entries 100033

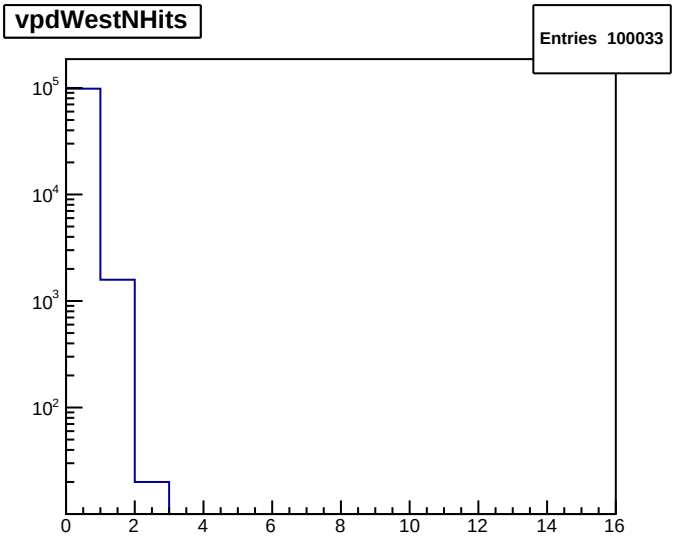

vpdEastNHitsVsSimu
Entries 2587

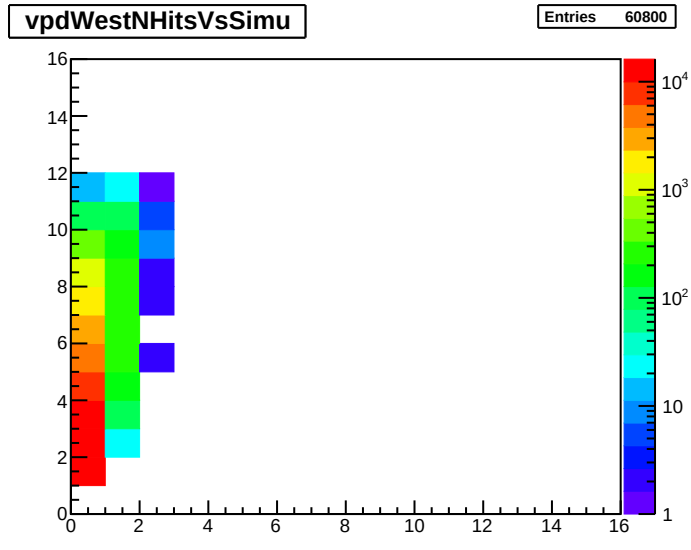

vpdEastTacSum
Entries 100033

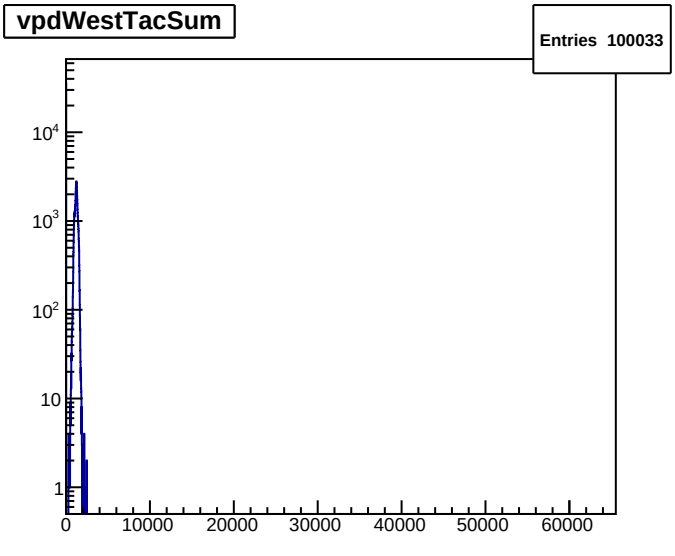

vpdEastTacSumVsSimu
Entries 62503
Data
Simu

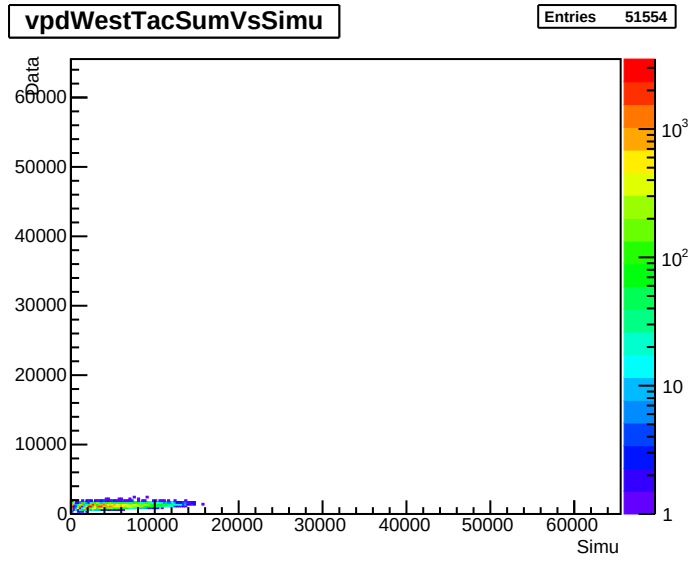

vpdWestAdcSum
Entries 100033

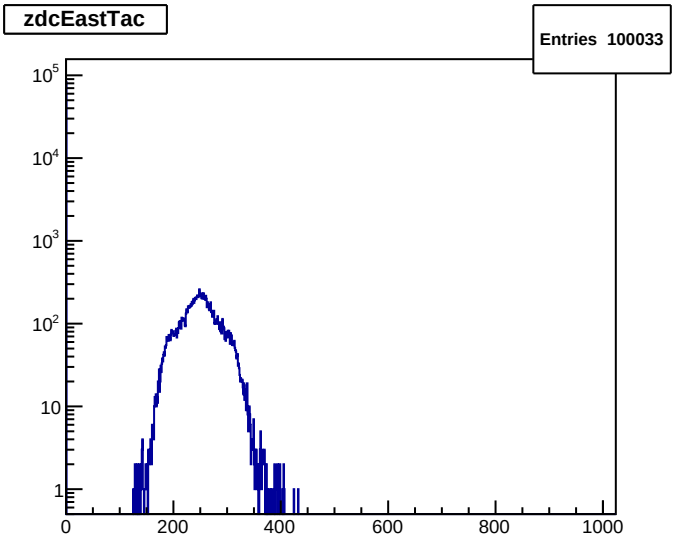

vpdWestAdcSumVsSimu
Entries 37081
Data
Simu

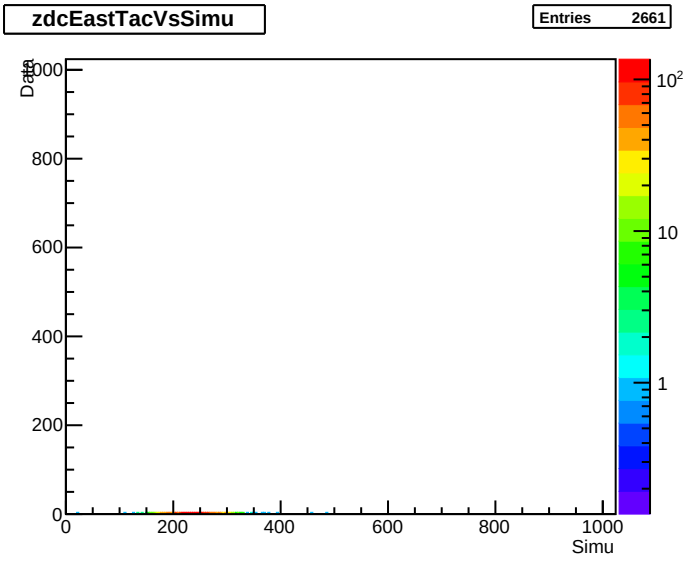

vpdWestNHits
Entries 100033

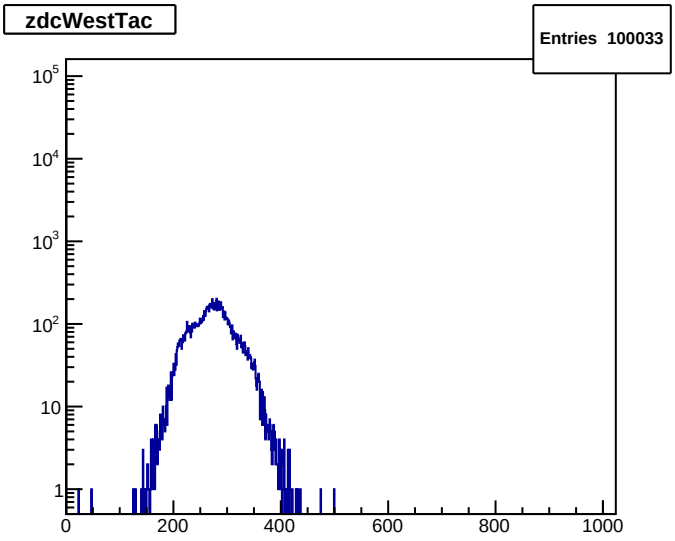

vpdWestNHitsVsSimu
Entries 60800

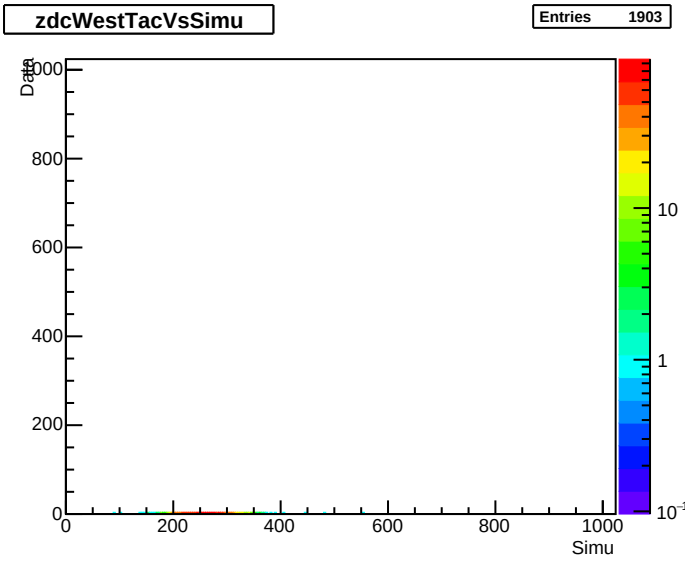

vpdWestTacSum
Entries 100033

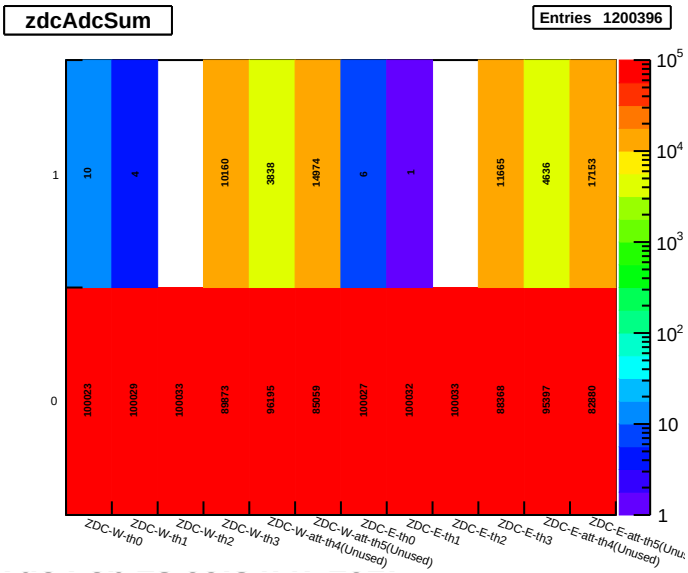

vpdWestTacSumVsSimu
Entries 51554
Data
Simu

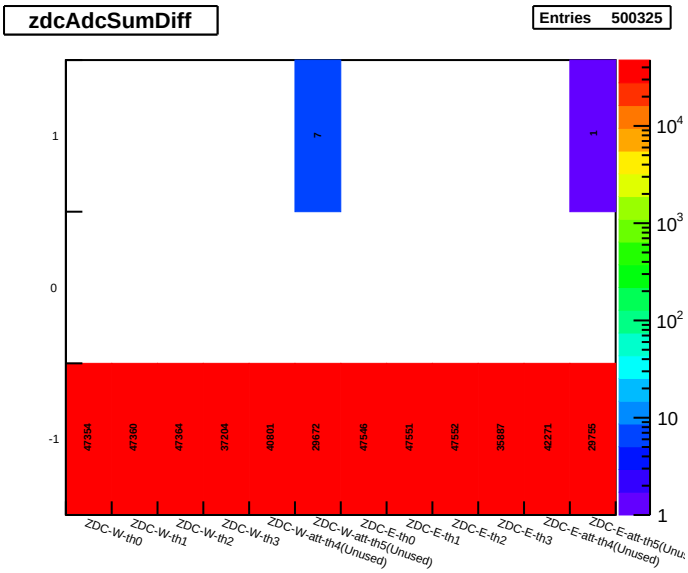

zdcEastTac
Entries 100033

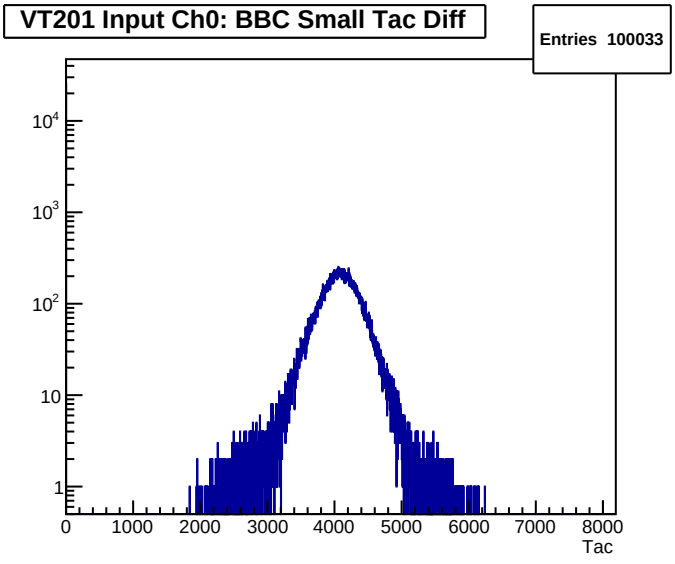

zdcEastTacVsSimu
Entries 2661
Data
Simu

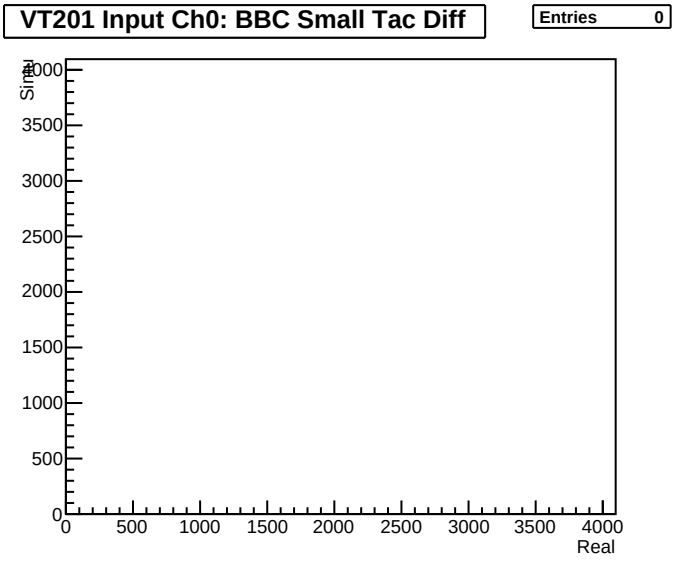

zdcWestTac
Entries 100033

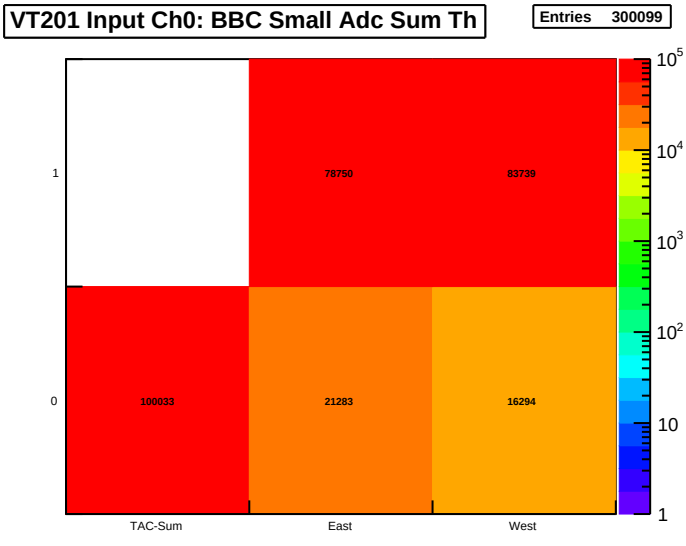

zdcWestTacVsSimu
Entries 1903
Data
Simu

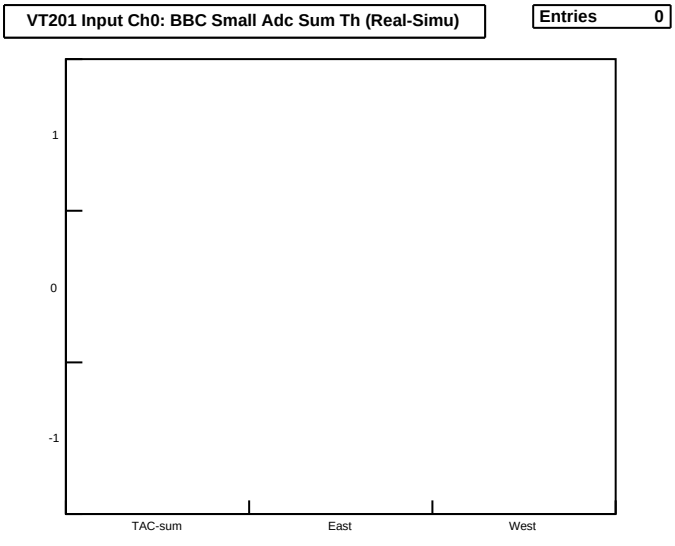

zdcAdcSum
Entries 1200396
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

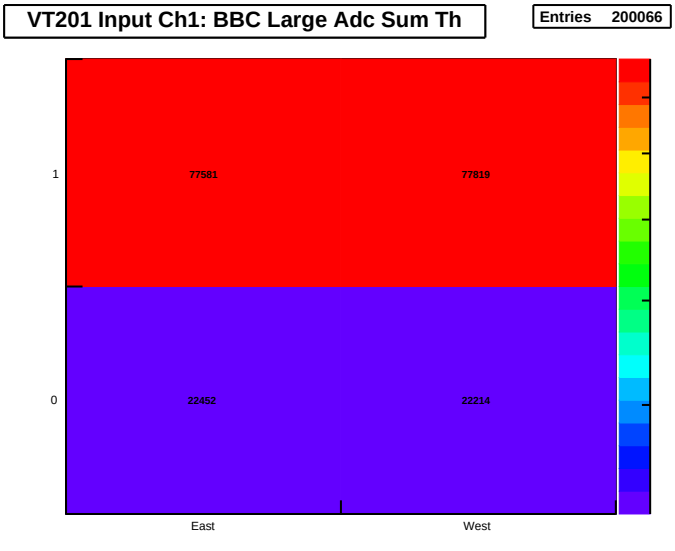

zdcAdcSumDiff
Entries 500325
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

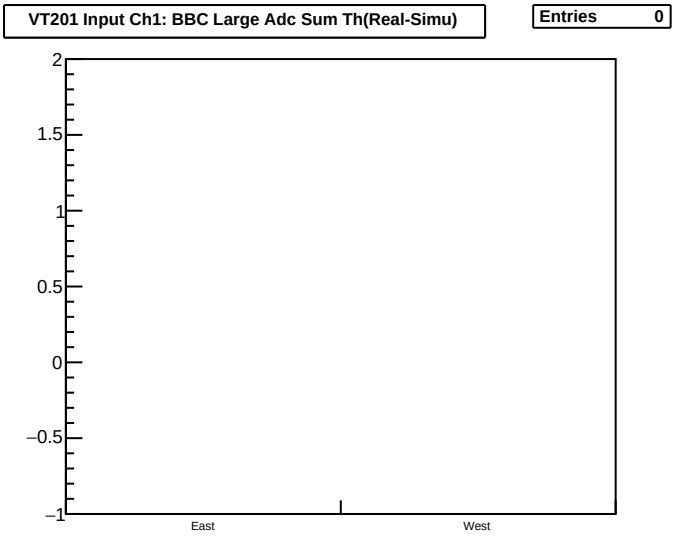

VT201 Input Ch0: BBC Small Tac Diff
Entries 100033
Tac


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

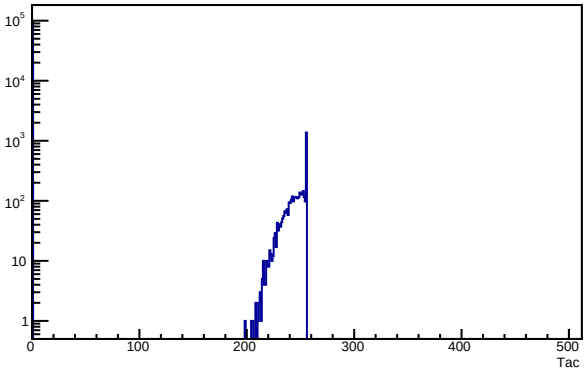

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 300099
78750
83739
100033
21283
16294
TAC-Sum
East
West


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

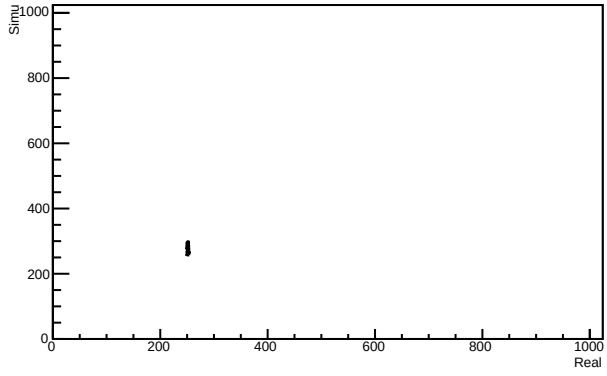

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 200066
77581
77819
22452
22214
East
West


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

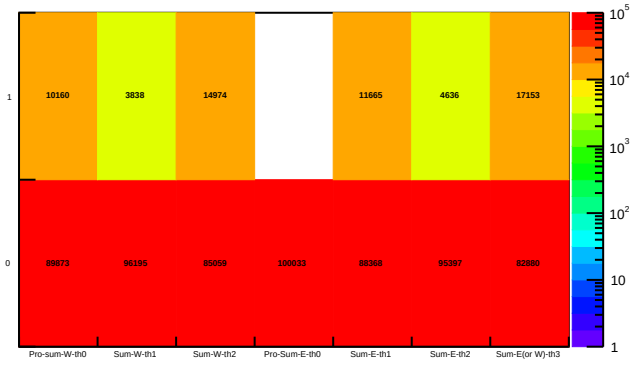
VT201 Input Ch2: ZDC Tac Diff



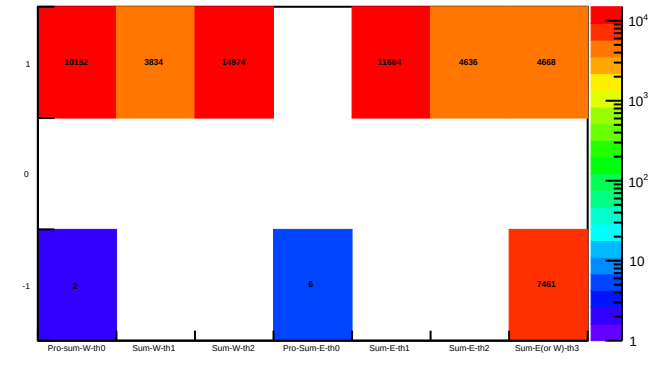
VT201 Input Ch2: ZDC Tac Diff



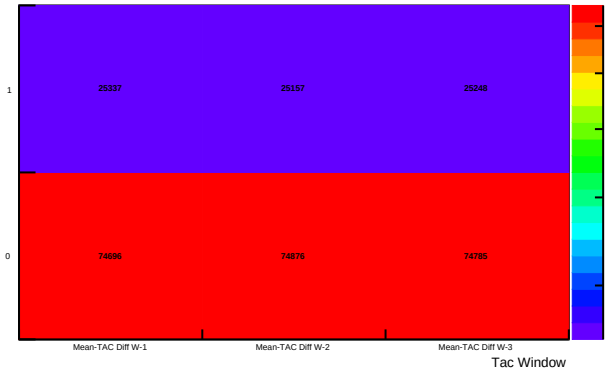
VT201 Input Ch2: ZDC Adc Sum Th



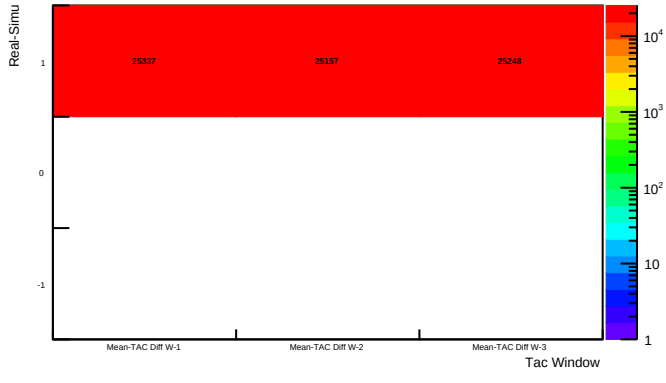
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



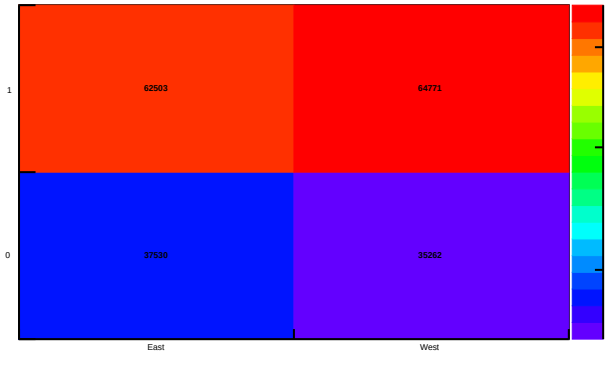
VT201 Input Ch4: VPD Tac Diff



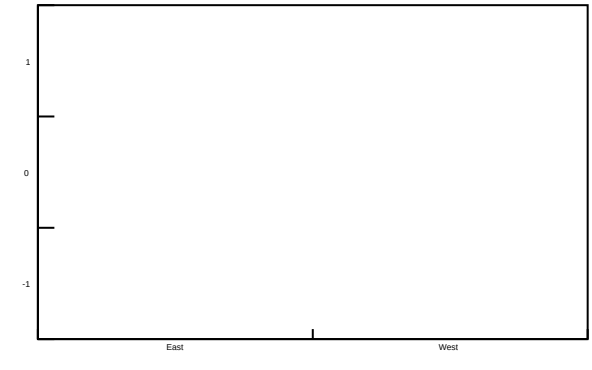
VT201 Input Ch4: VPD Tac Diff

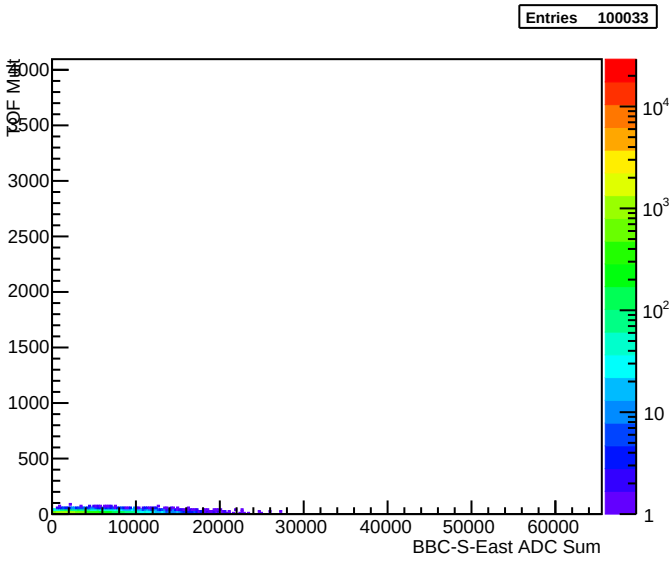


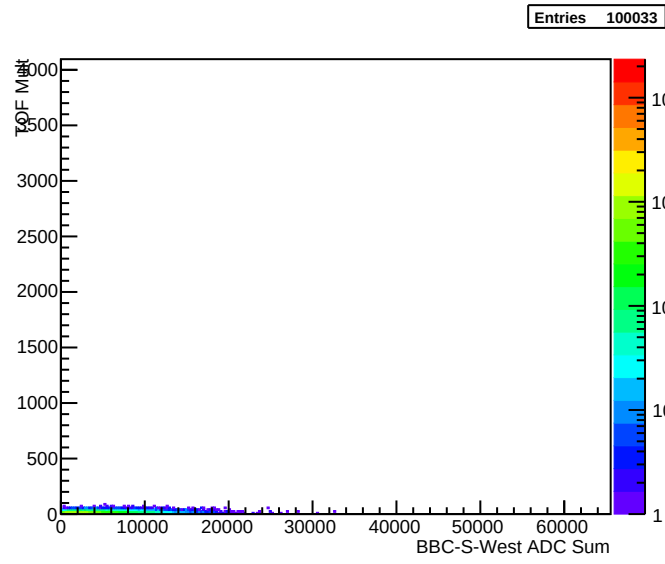
VT201 Input Ch4: VPD Adc Sum Th

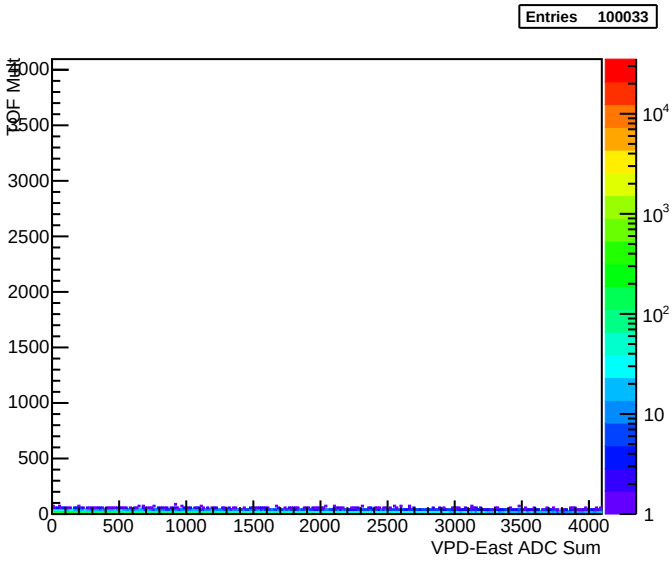


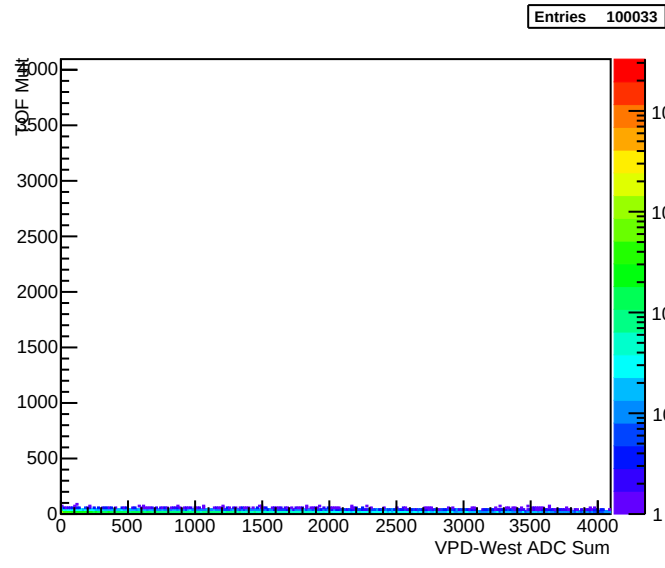
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

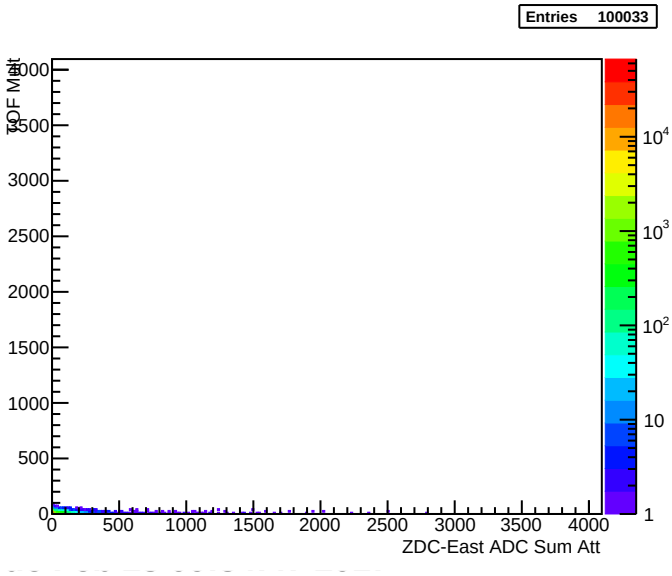


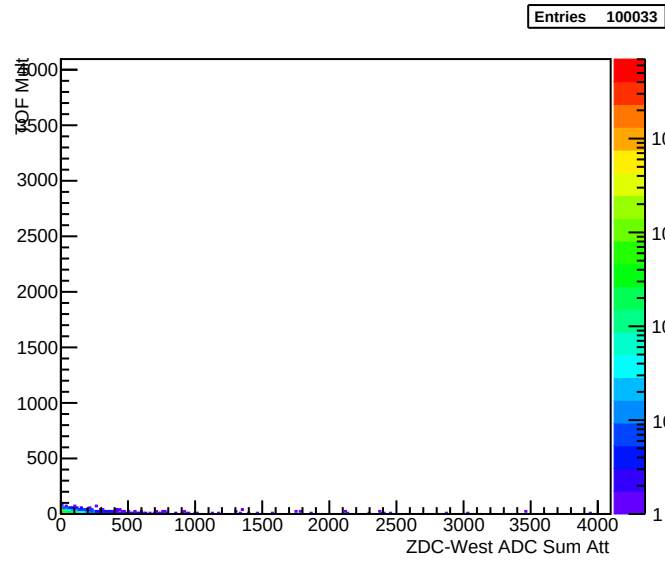

Entries 100033
TOF Mult
BBC-S-East ADC Sum

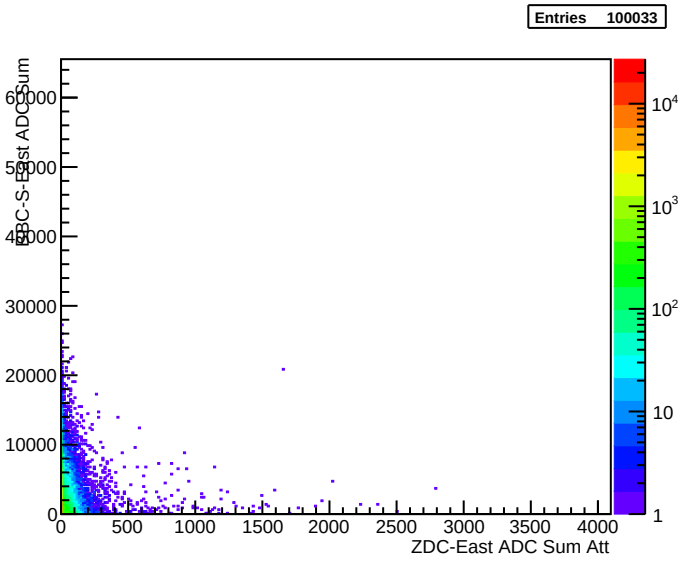

Entries 100033
TOF Mult
BBC-S-West ADC Sum

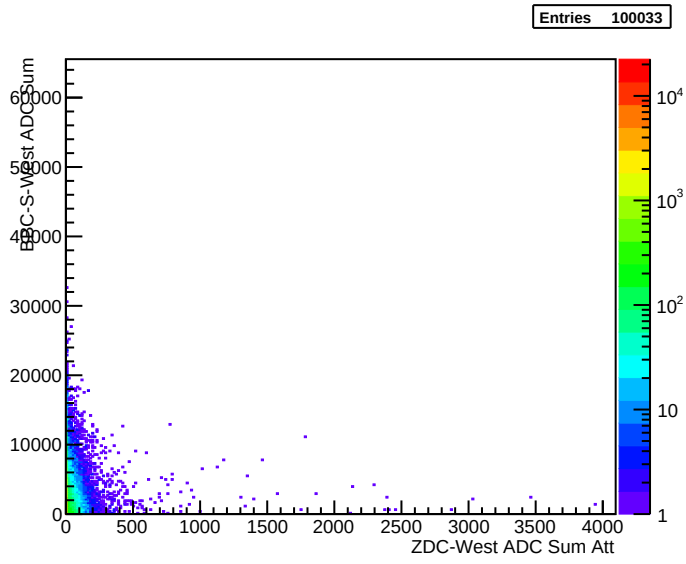

Entries 100033
TOF Mult
VPD-East ADC Sum

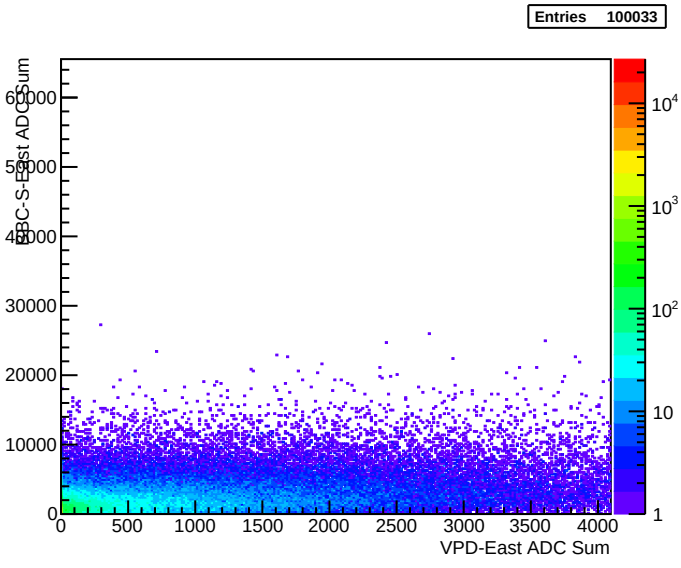

Entries 100033
TOF Mult
VPD-West ADC Sum

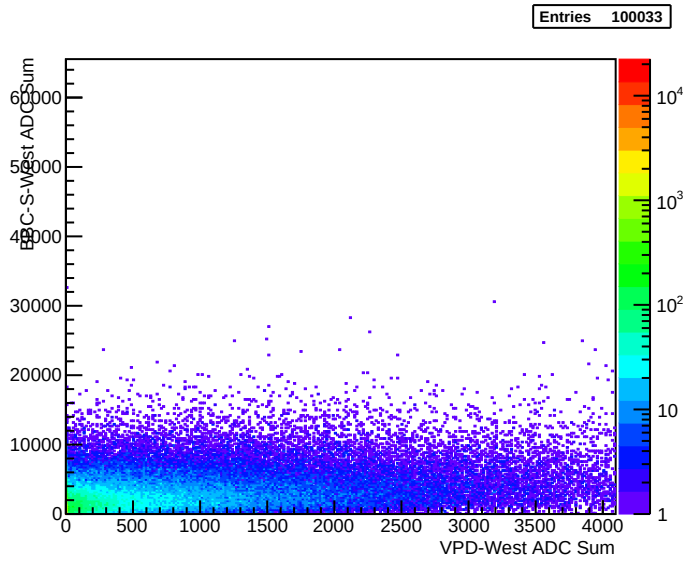

Entries 100033
TOF Mult
ZDC-East ADC Sum Att

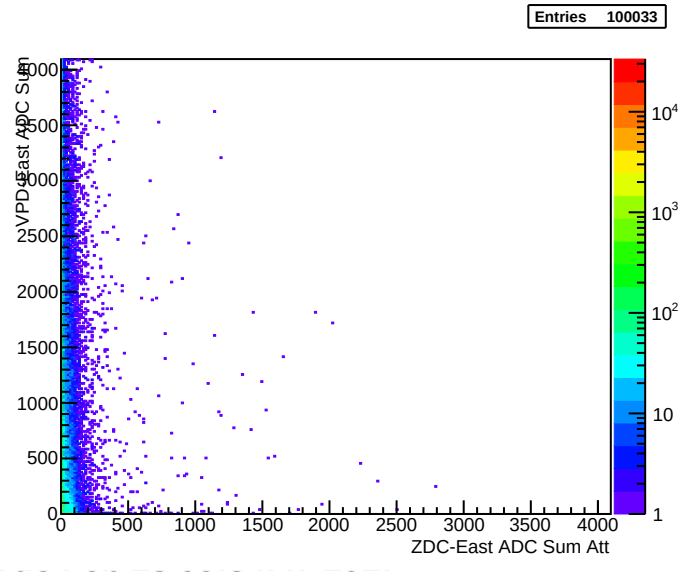

Entries 100033
TOF Mult
ZDC-West ADC Sum Att

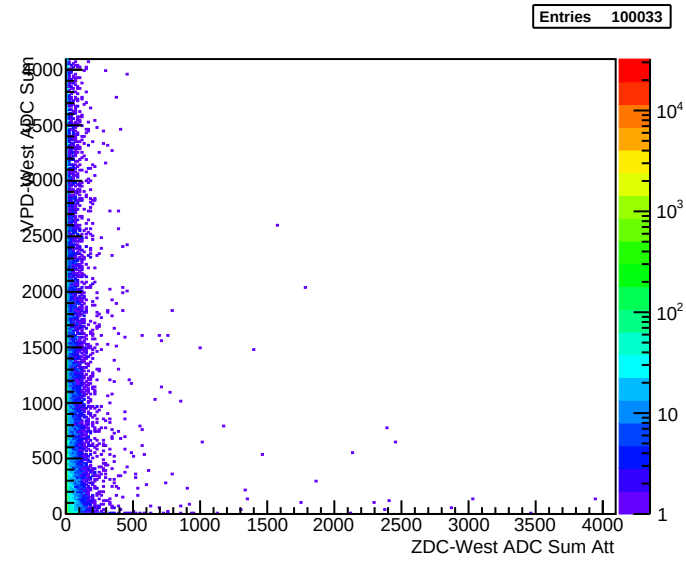

Entries 100033
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

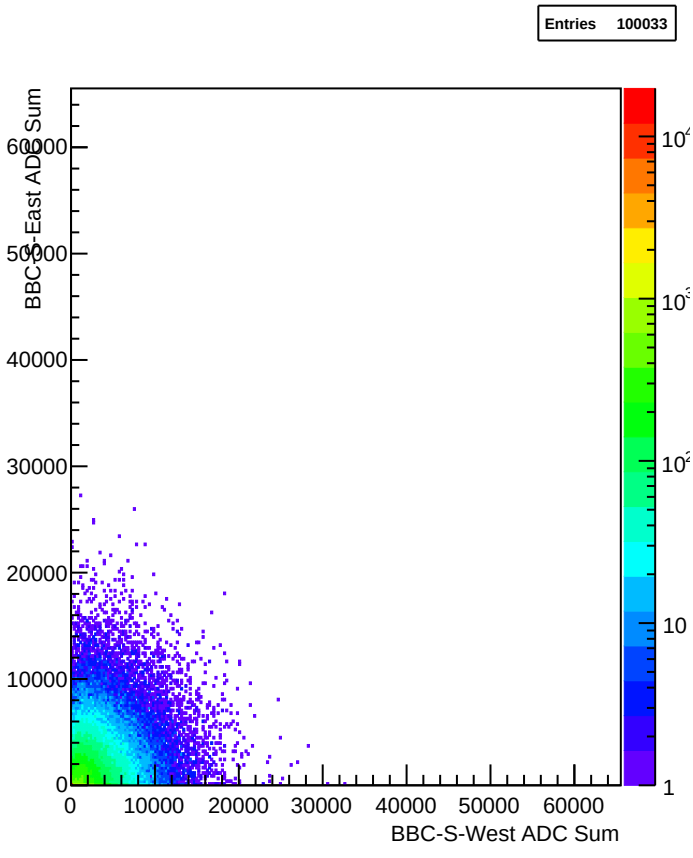

Entries 100033
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

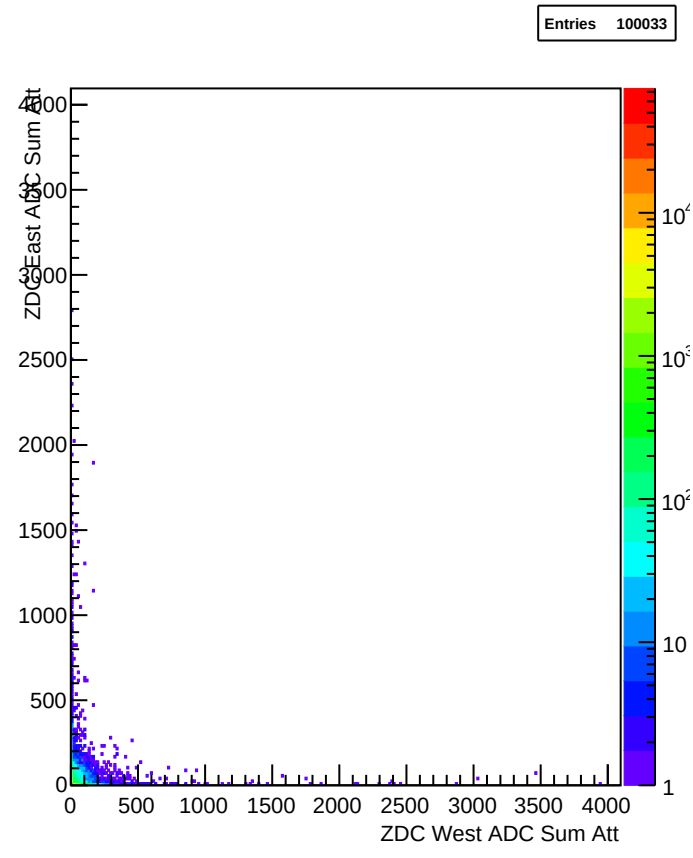

Entries 100033
BBC-S-East ADC Sum
VPD-East ADC Sum

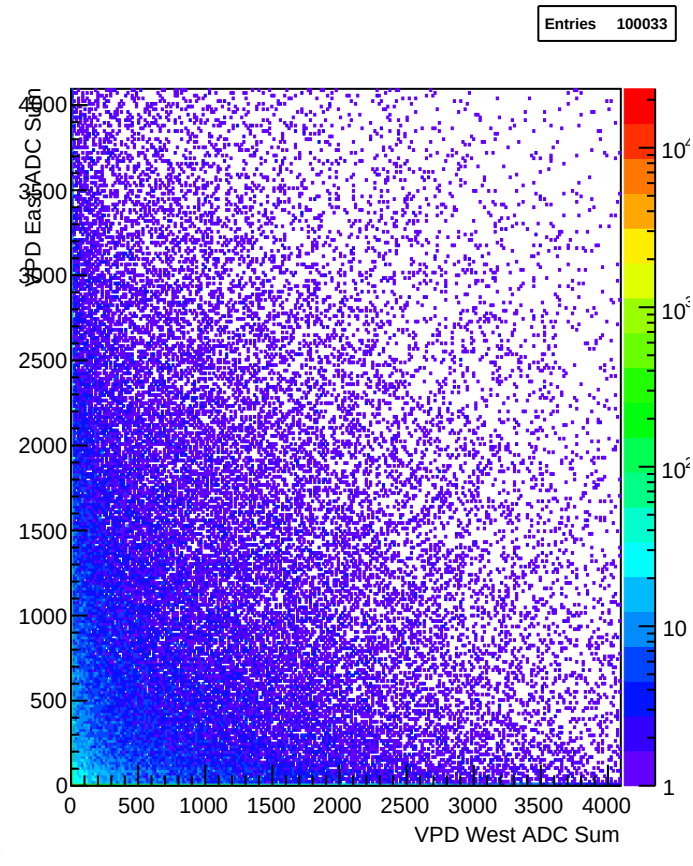

Entries 100033
BBC-S-West ADC Sum
VPD-West ADC Sum

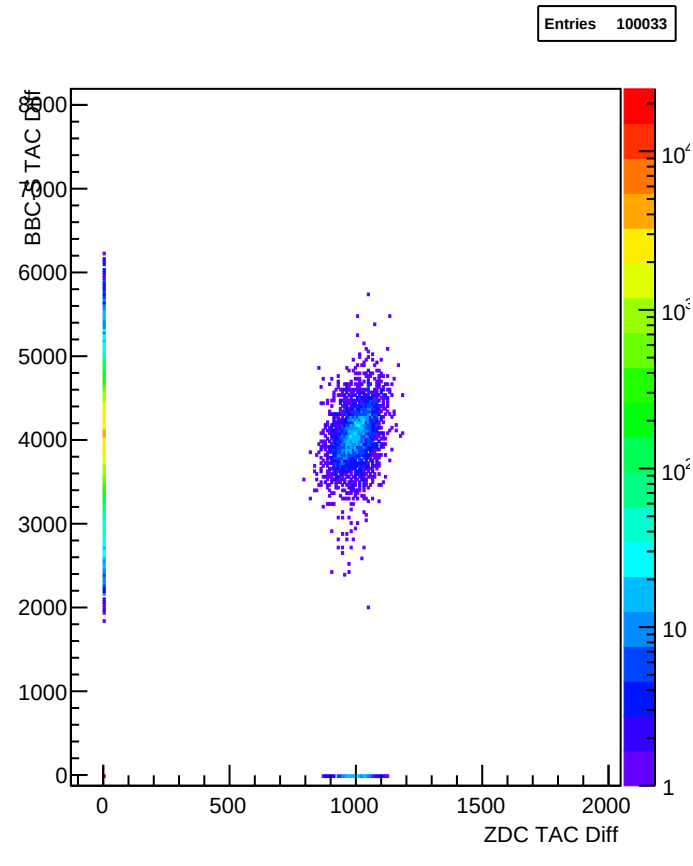

Entries 100033
VPD-East ADC Sum
ZDC-East ADC Sum Att

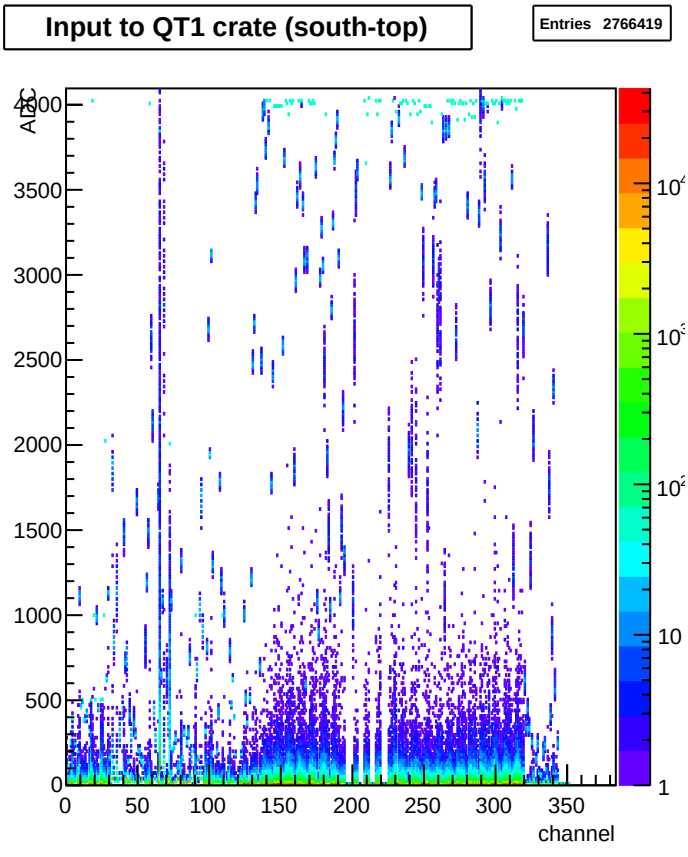

Entries 100033
VPD-West ADC Sum
ZDC-West ADC Sum Att

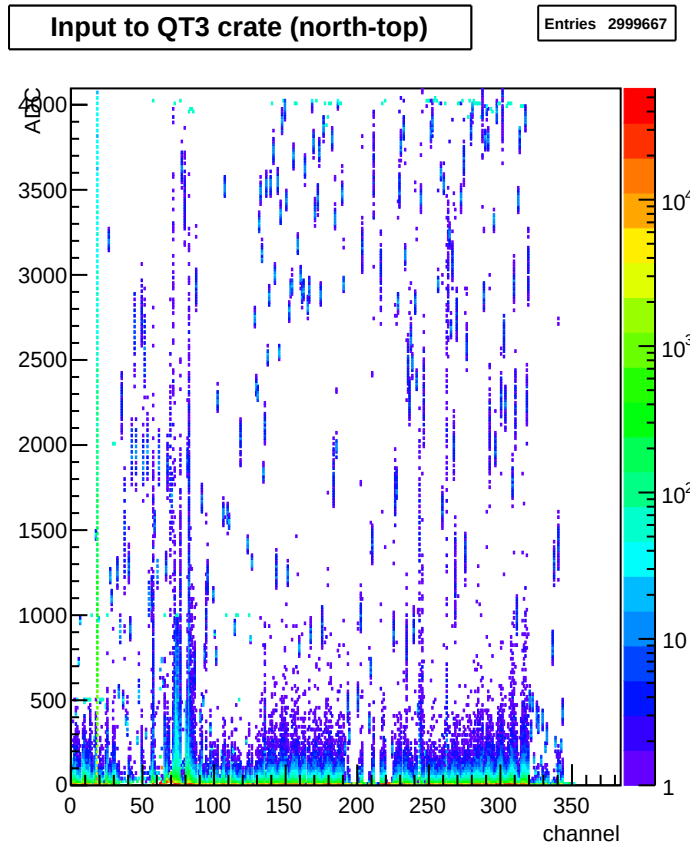

Entries 100033
BBC-S-East ADC Sum
BBC-S-West ADC Sum

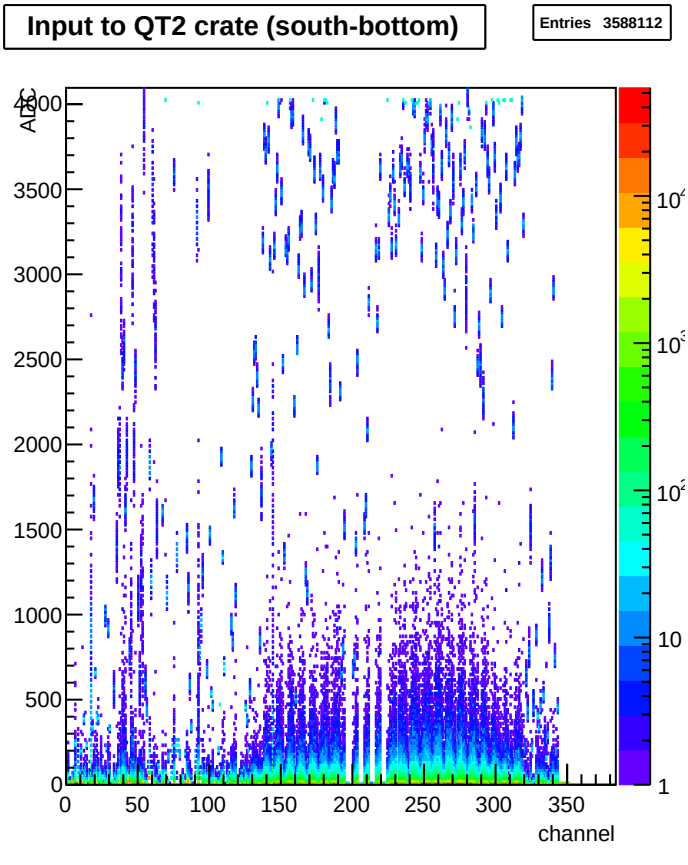

Entries 100033
ZDC East ADC Sum Att
ZDC West ADC Sum Att

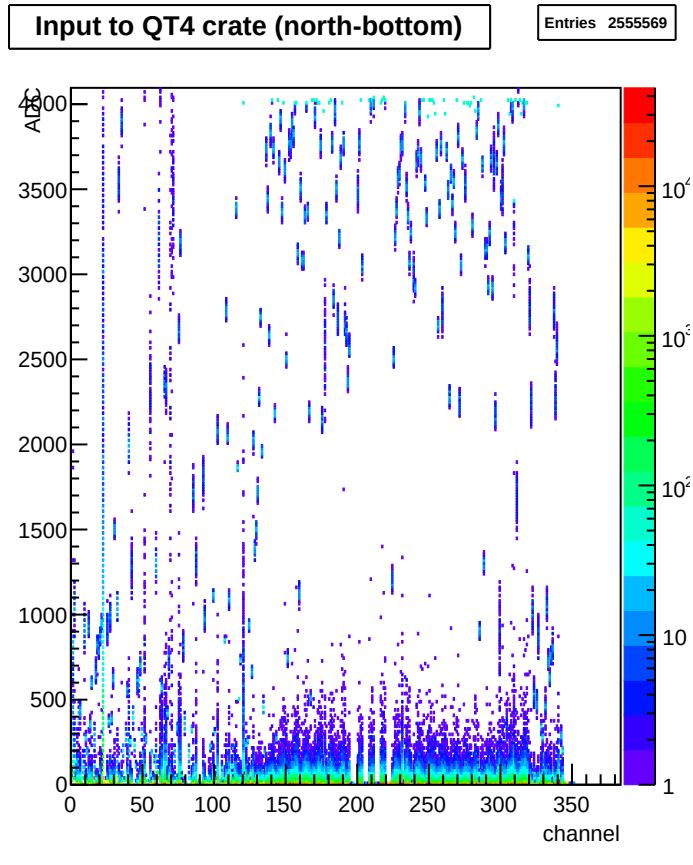

Entries 100033
VPD East ADC Sum
VPD West ADC Sum

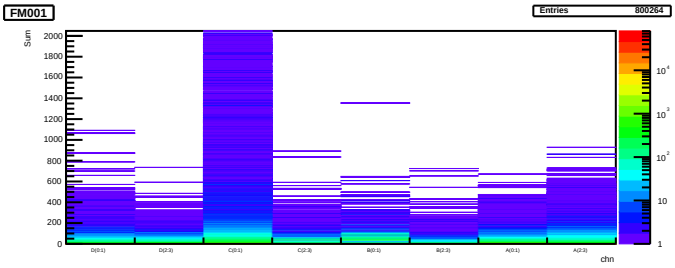

Entries 100033
BBC-S TAC Diff
ZDC TAC Diff

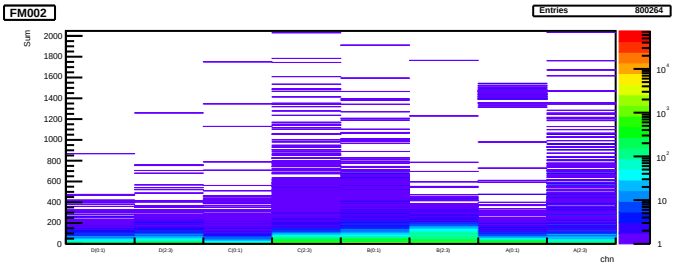

Input to QT1 crate (south-top)
Entries 2766419
ADC
channel

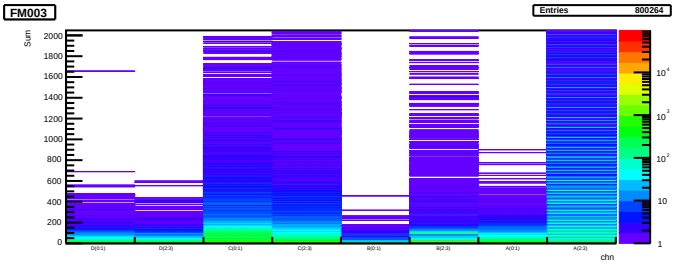

Input to QT3 crate (north-top)
Entries 2999667
ADC
channel

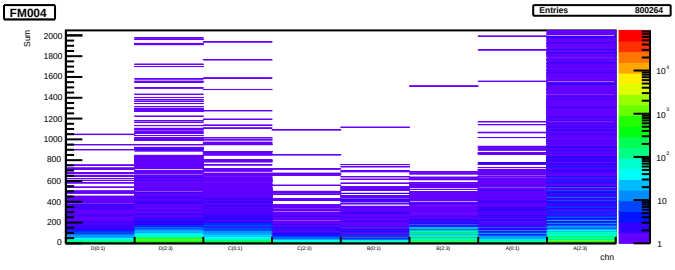

Input to QT2 crate (south-bottom)
Entries 3588112
ADC
channel

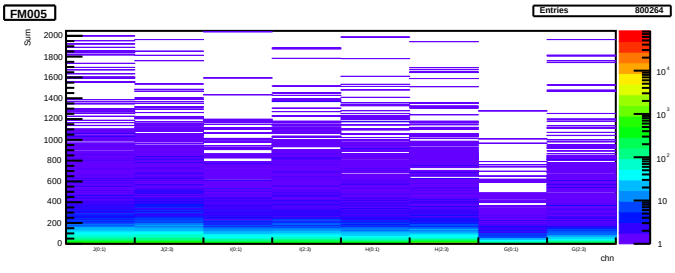

Input to QT4 crate (north-bottom)
Entries 2555569
ADC
channel

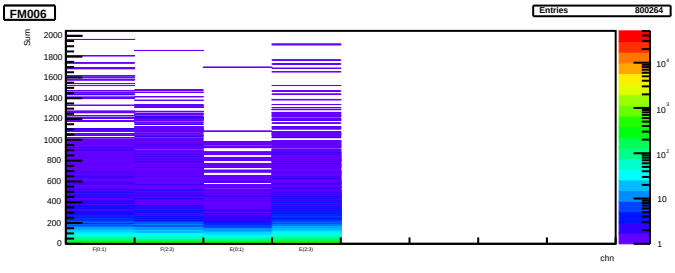

FM001
Entries 800264
Sum
chn

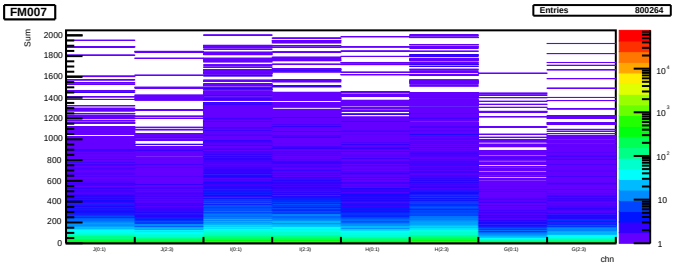

FM002
Entries 800264
Sum
chn

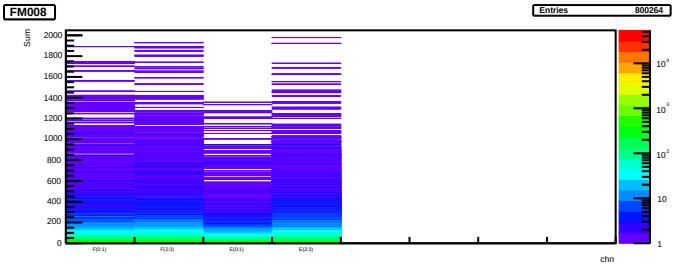

FM003
Entries 800264
Sum
chn

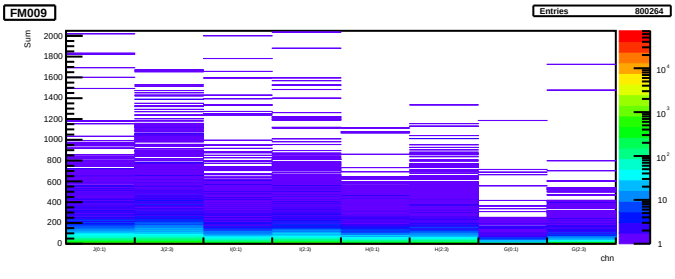

FM004
Entries 800264
Sum
chn

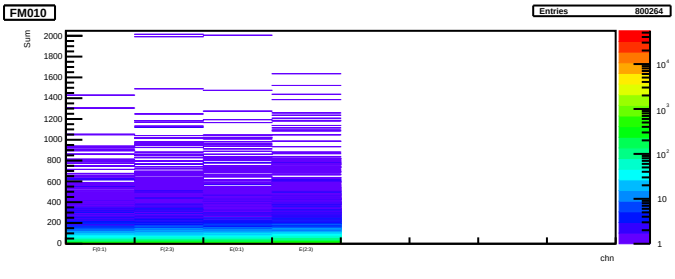

FM005
Entries 800264
Sum
chn

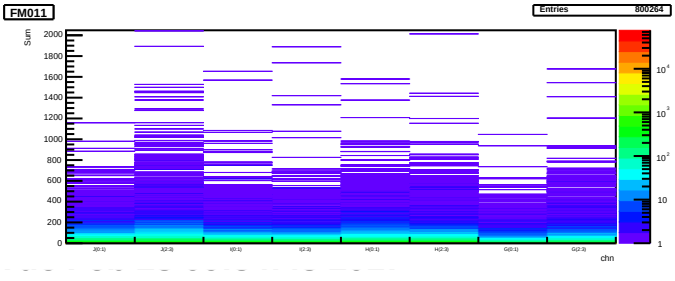

FM006
Entries 800264
Sum
chn

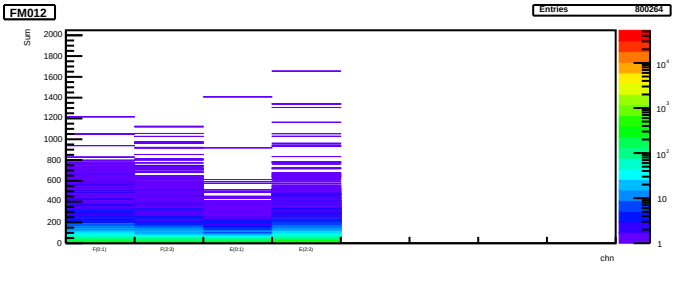

FM007
Entries 800264
Sum
chn

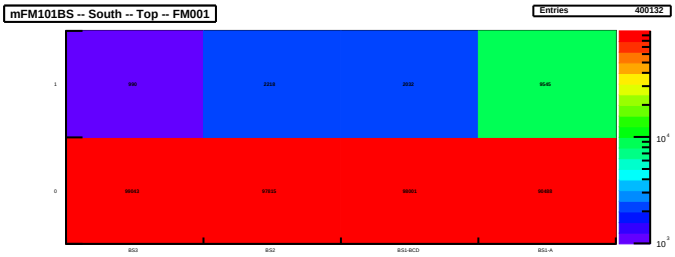

FM008
Entries 800264
Sum
chn

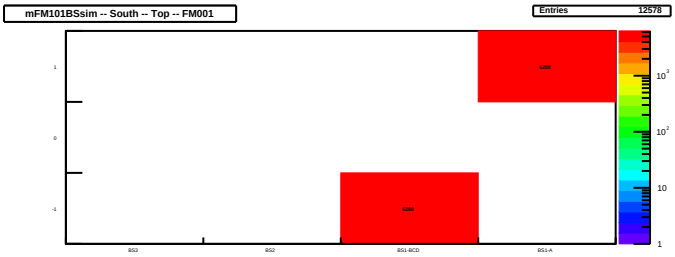

FM009
Entries 800264
Sum
chn

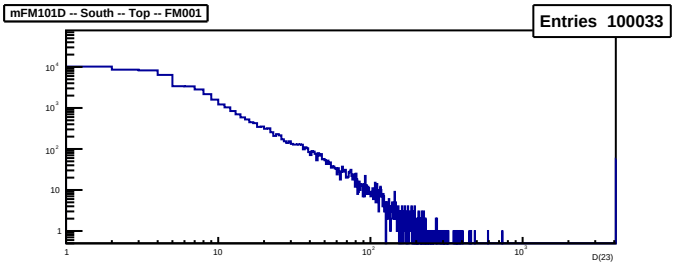

FM010
Entries 800264
Sum
chn

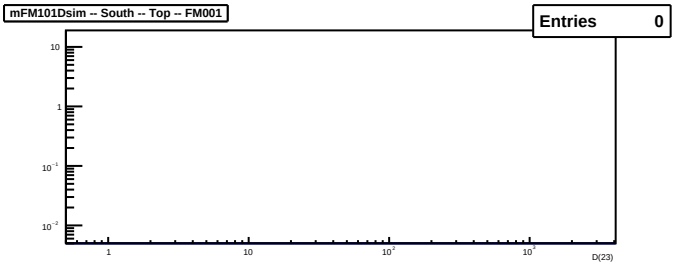

FM011
Entries 800264
Sum
chn

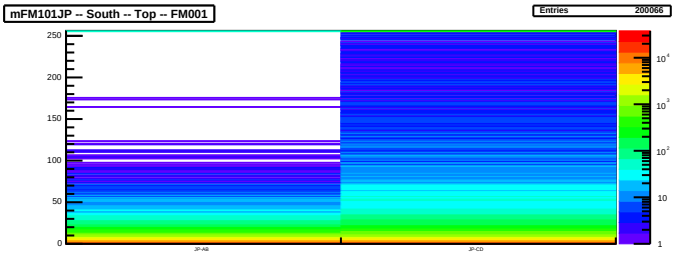

FM012
Entries 800264
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 400132

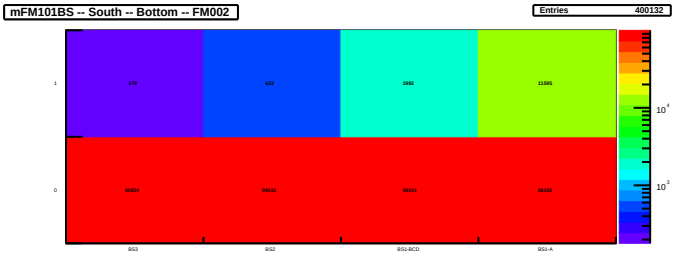

mFM101BSsim -- South -- Top -- FM001
Entries 12578

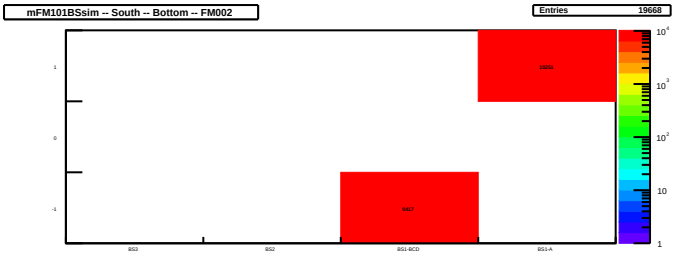

mFM101D -- South -- Top -- FM001
Entries 100033
D(23)

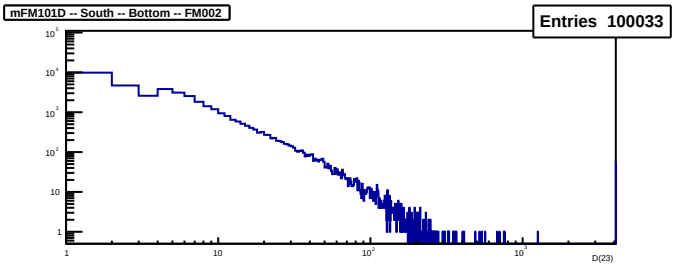

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

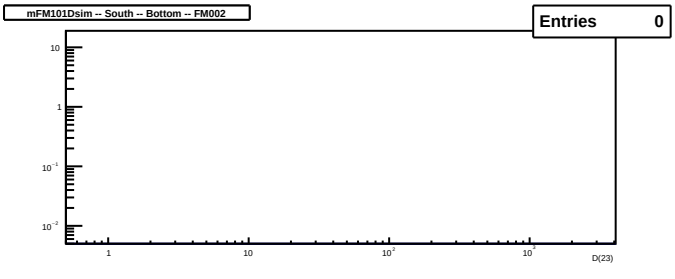

mFM101JP -- South -- Top -- FM001
Entries 200066

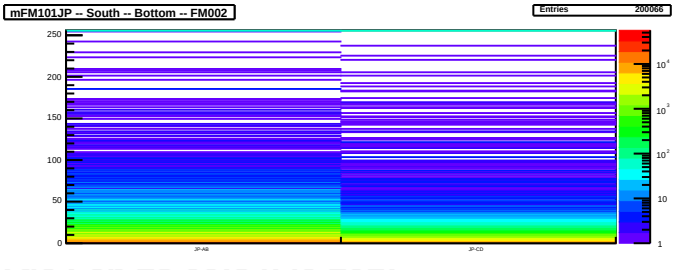
mFM101JPsim -- South -- Top -- FM001
Entries 0

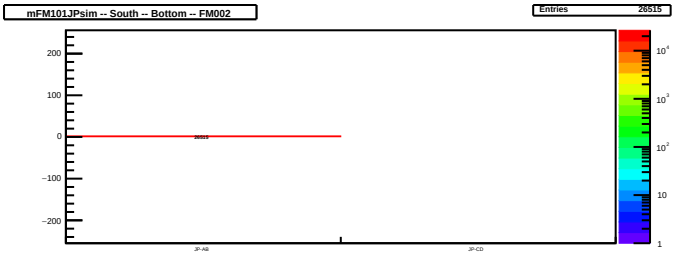

mFM101BS -- South -- Bottom -- FM002
Entries 400132

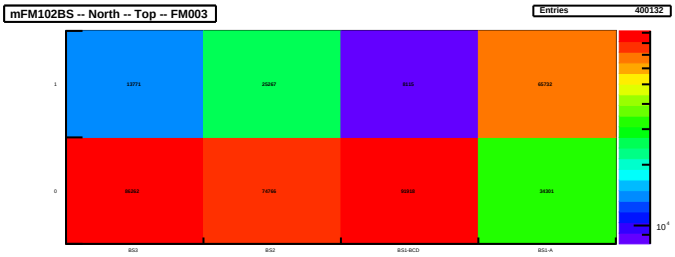

mFM101BSsim -- South -- Bottom -- FM002
Entries 19668

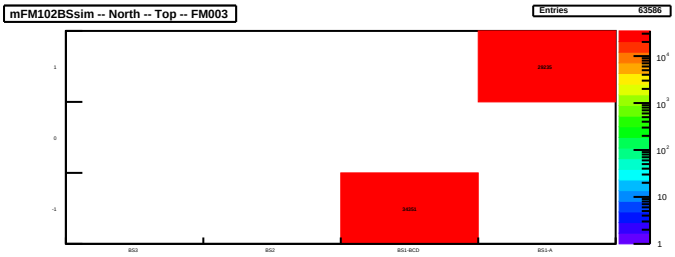

mFM101D -- South -- Bottom -- FM002
Entries 100033
D(23)

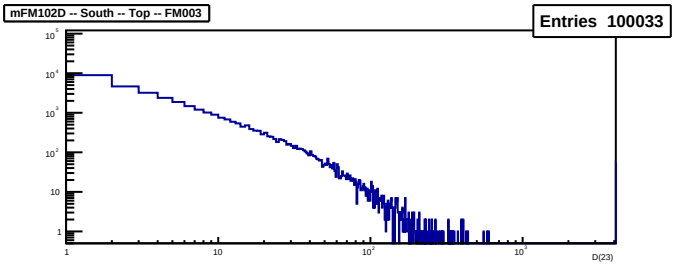

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

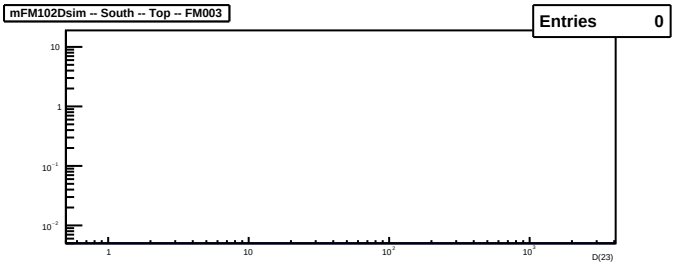

mFM101JP -- South -- Bottom -- FM002
Entries 200066

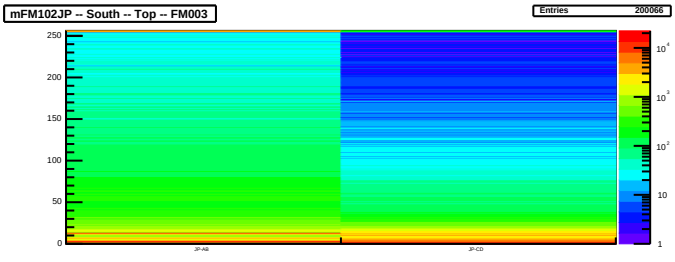

mFM101JPsim -- South -- Bottom -- FM002
Entries 26515


mFM102BS -- North -- Top -- FM003
Entries 400132
13771
25287
4115
65732
66262
74766
60918
36361
BS3
BS2
BS1-BCD
BS1-A

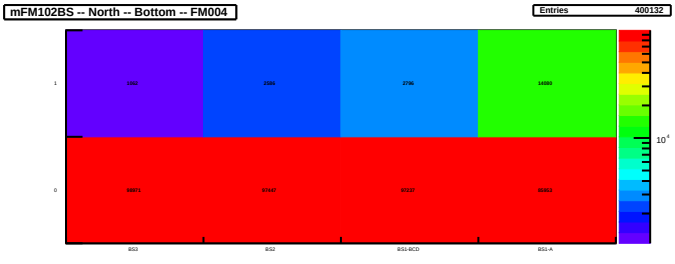

mFM102BSsim -- North -- Top -- FM003
Entries 63586
29235
24356
BS3
BS2
BS1-BCD
BS1-A

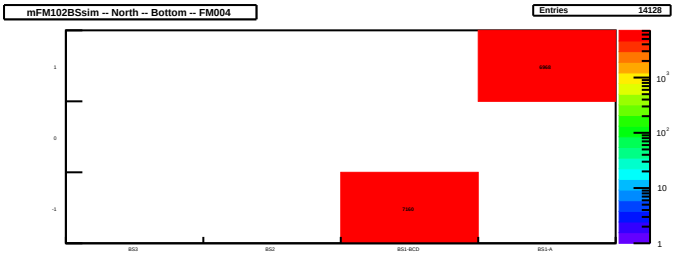

mFM102D -- South -- Top -- FM003
Entries 100033
D(23)

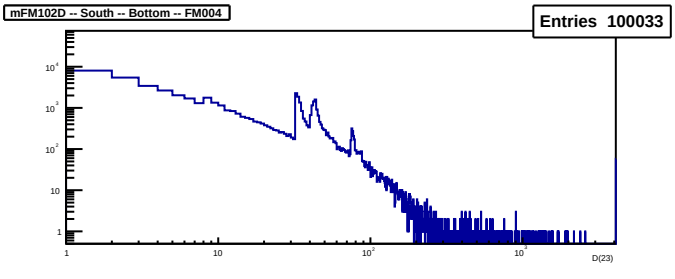

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

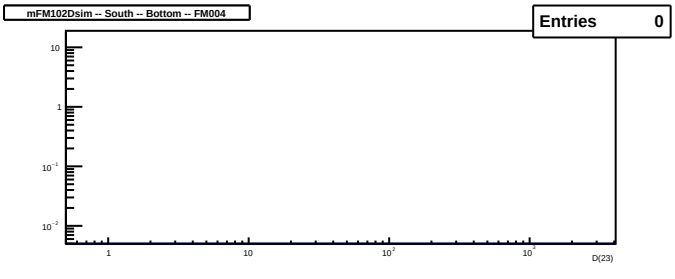

mFM102JP -- South -- Top -- FM003
Entries 200066
JP-AB
JP-CD

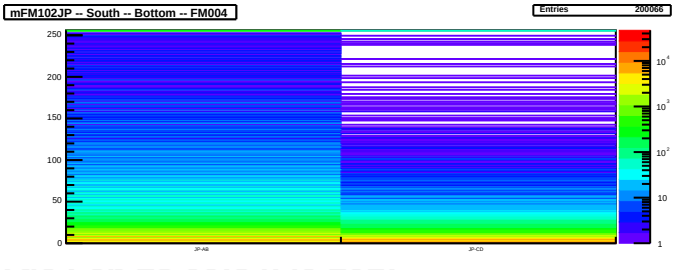
mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD

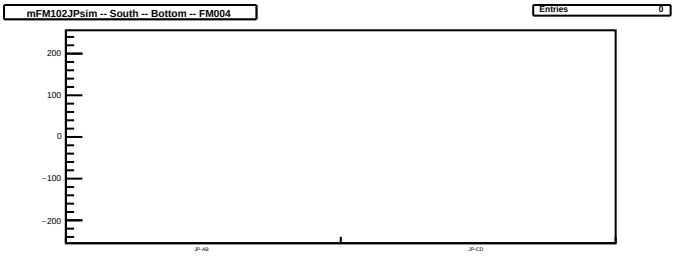

mFM102BS -- North -- Bottom -- FM004
Entries 400132
1062
2586
2796
14680
98871
97647
82237
85953
BS3
BS2
BS1-BCD
BS1-A

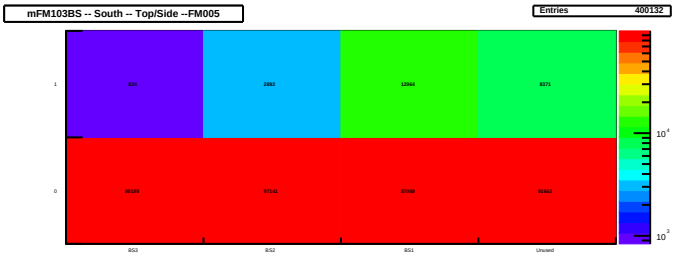

mFM102BSsim -- North -- Bottom -- FM004
Entries 14128
6968
7160
BS3
BS2
BS1-BCD
BS1-A

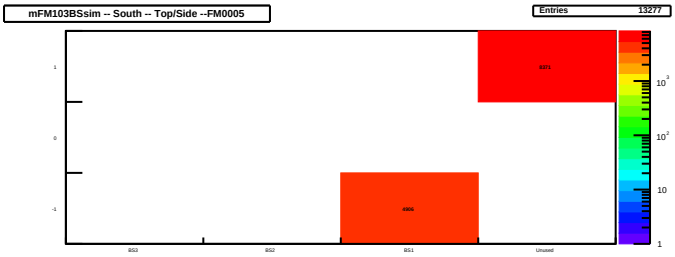

mFM102D -- South -- Bottom -- FM004
Entries 100033
D(23)

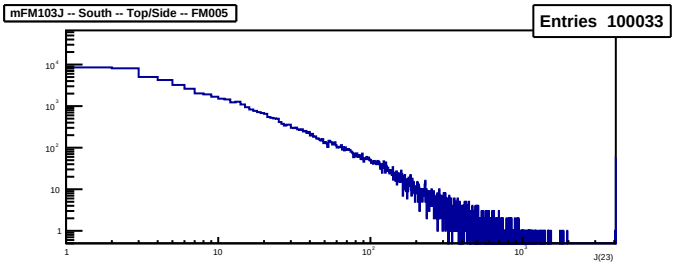

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

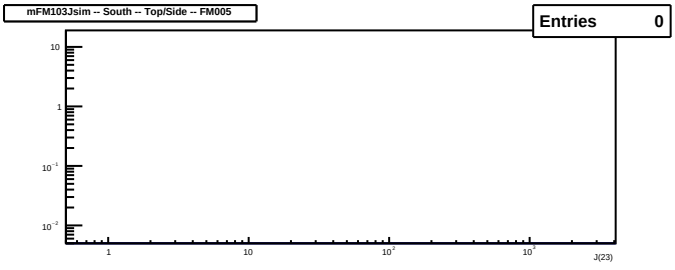

mFM102JP -- South -- Bottom -- FM004
Entries 200066
JP-AB
JP-CD

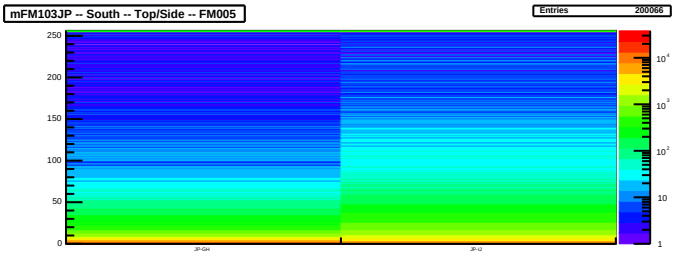

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

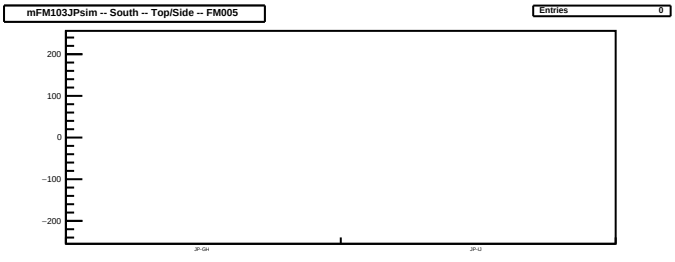

mFM103BS -- South -- Top/Side --FM005
Entries 400132
634
2882
12064
8371
99199
97141
87069
91682
BS3
BS2
BS1
Unused

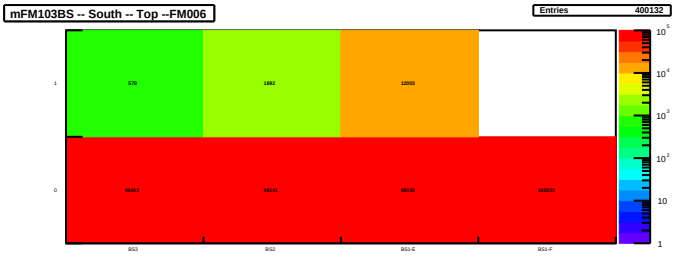

mFM103BSsim -- South -- Top/Side --FM0005
Entries 13277
8371
4906
BS3
BS2
BS1
Unused

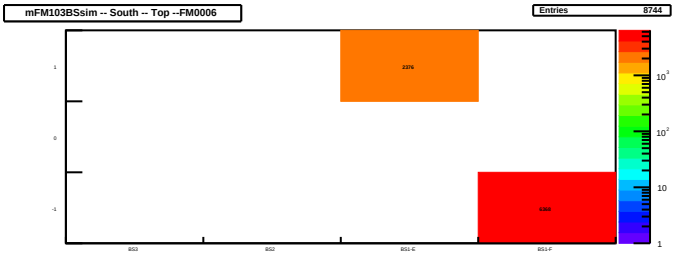

mFM103J -- South -- Top/Side -- FM005
Entries 100033
J(23)

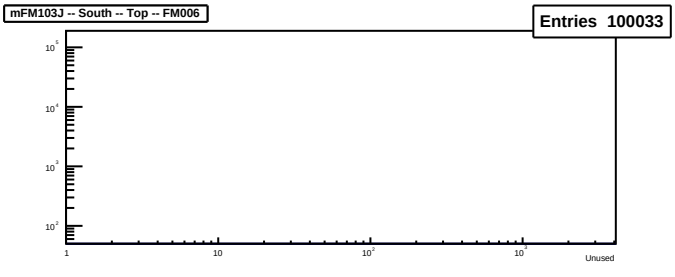

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

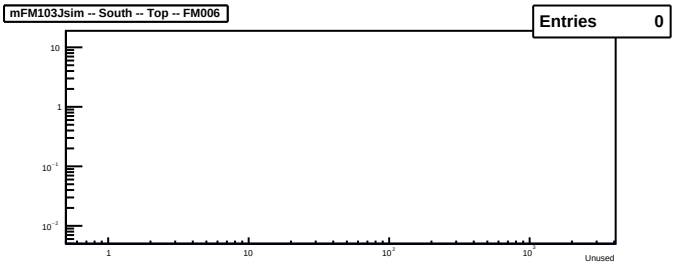

mFM103JP -- South -- Top/Side -- FM005
Entries 200066
JP-GH
JP-IJ

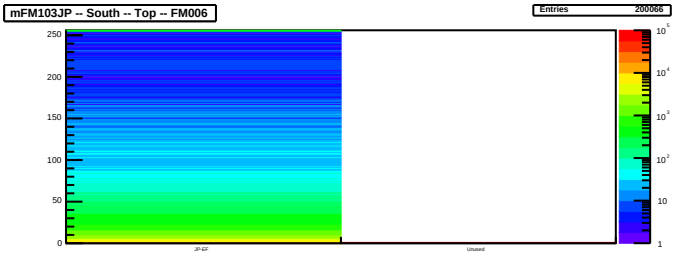

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ

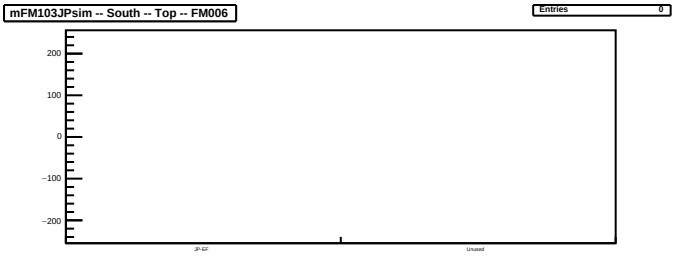

mFM103BS -- South -- Top --FM006
Entries 400132
575
1882
12003
59463
101141
88030
100033
BS3
BS2
BS1-E
BS1-F

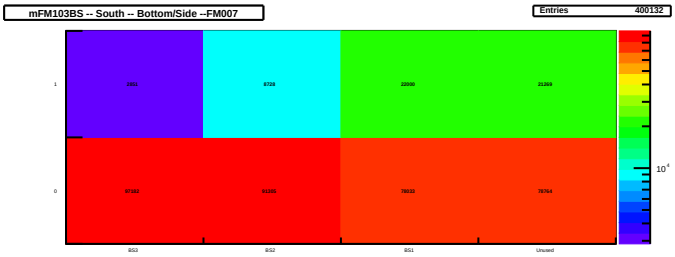

mFM103BSsim -- South -- Top --FM0006
Entries 8744
2376
6368
BS3
BS2
BS1-E
BS1-F

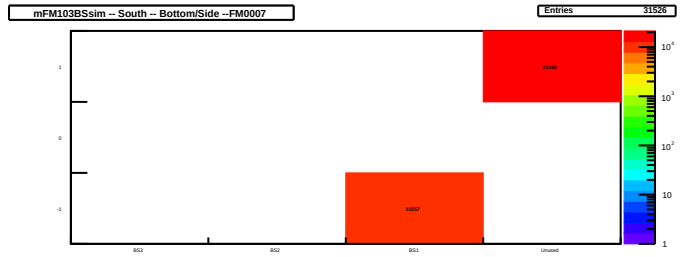

mFM103J -- South -- Top -- FM006
Entries 100033
Unused

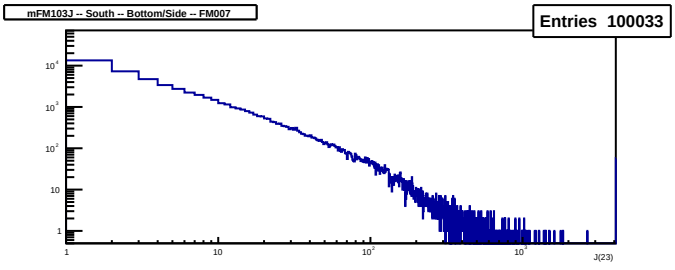

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

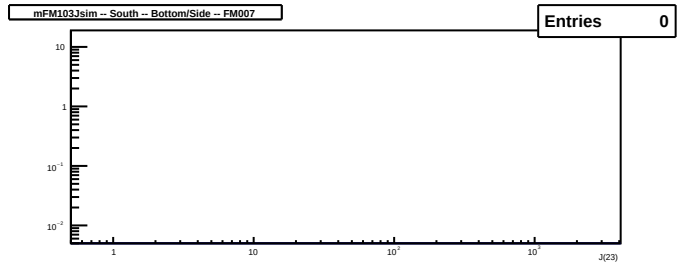

mFM103JP -- South -- Top -- FM006
Entries 200066
JP-EF
Unused

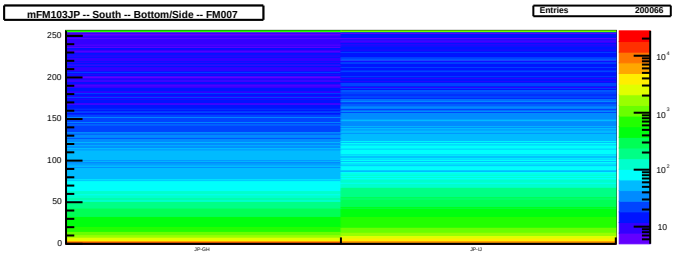

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

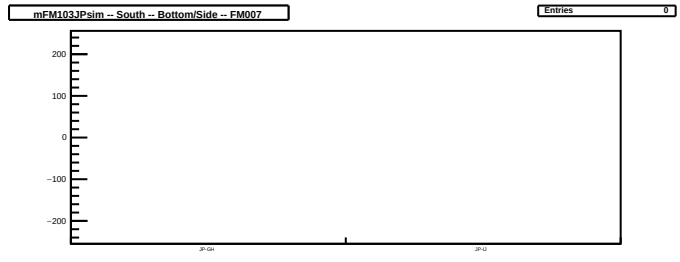

mFM103BS -- South -- Bottom/Side --FM007
Entries 400132
BS3
BS2
BS1
Unused

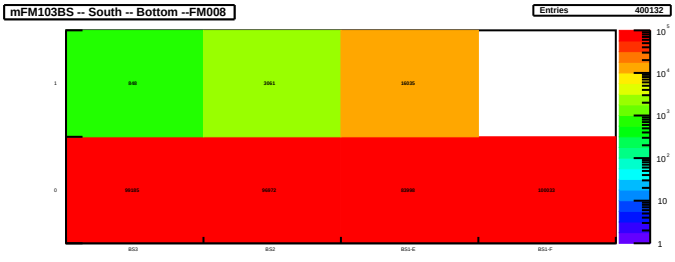

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 31526
BS3
BS2
BS1
Unused

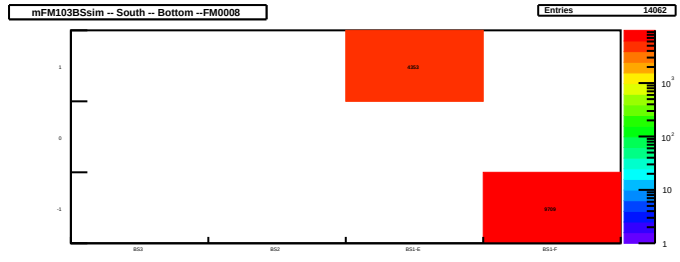

mFM103J -- South -- Bottom/Side -- FM007
Entries 100033
J(23)

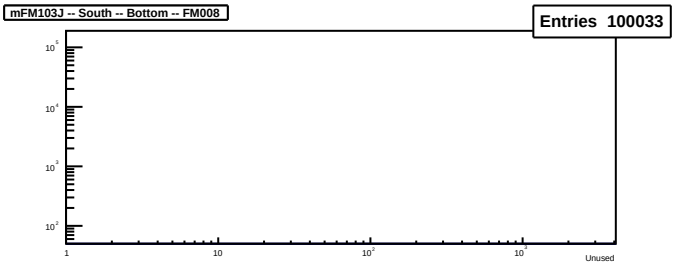

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

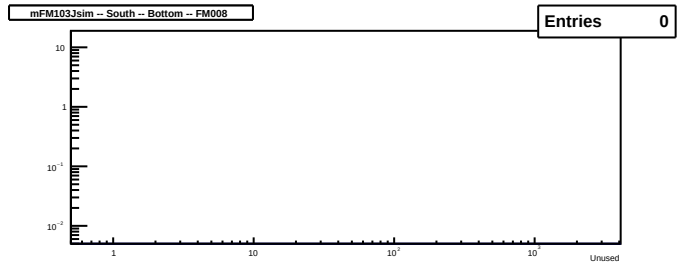

mFM103JP -- South -- Bottom/Side -- FM007
Entries 200066
JP-GH
JP-IJ

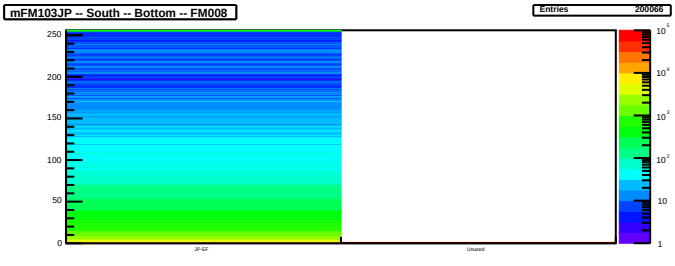

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ

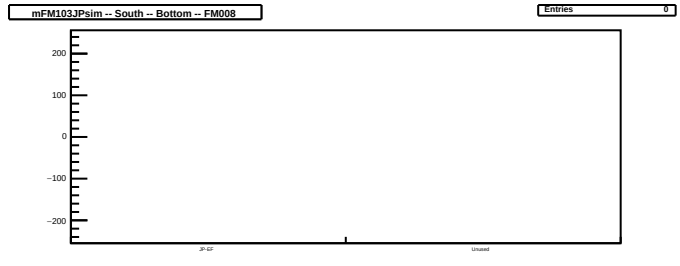

mFM103BS -- South -- Bottom --FM008
Entries 400132
BS3
BS2
BS1-E
BS1-F

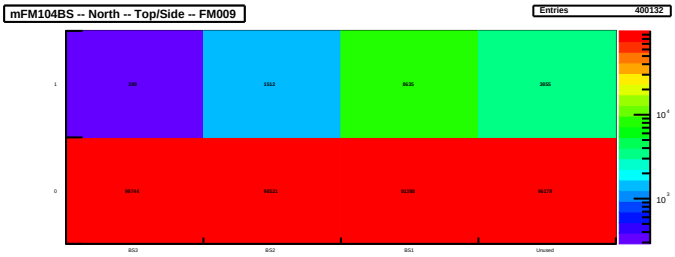

mFM103BSsim -- South -- Bottom --FM0008
Entries 14062
BS3
BS2
BS1-E
BS1-F

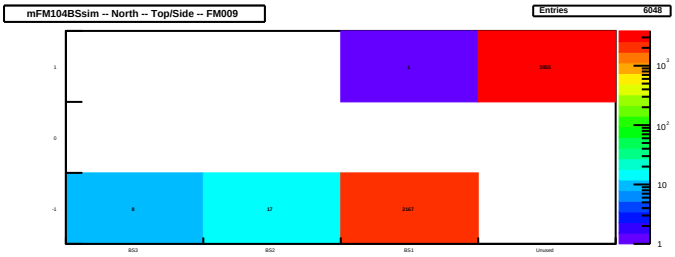

mFM103J -- South -- Bottom -- FM008
Entries 100033
Unused

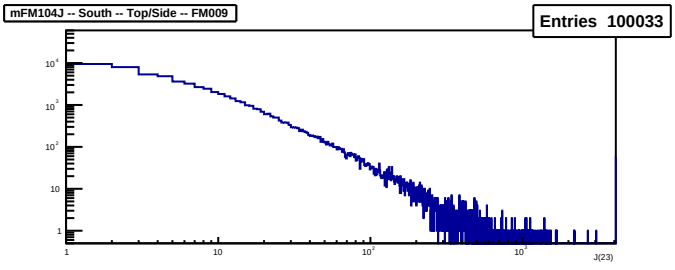

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

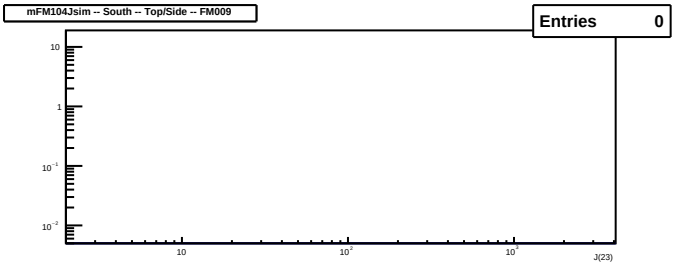

mFM103JP -- South -- Bottom -- FM008
Entries 200066
JP-EF
Unused

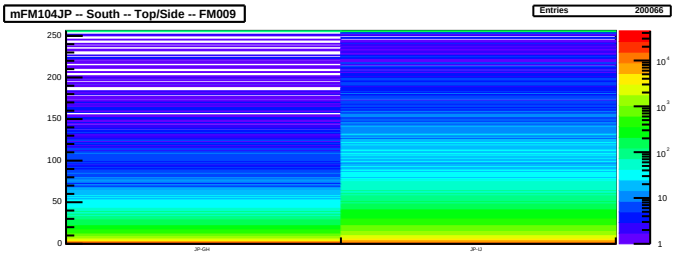

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

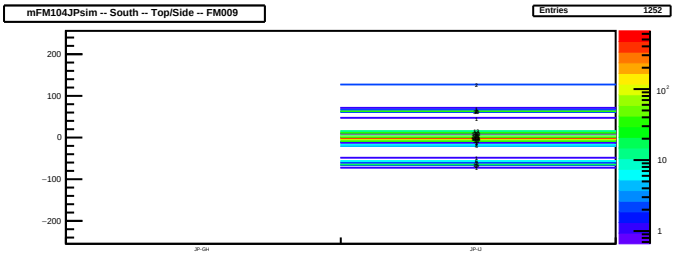

mFM104BS -- North -- Top/Side -- FM009
Entries 400132

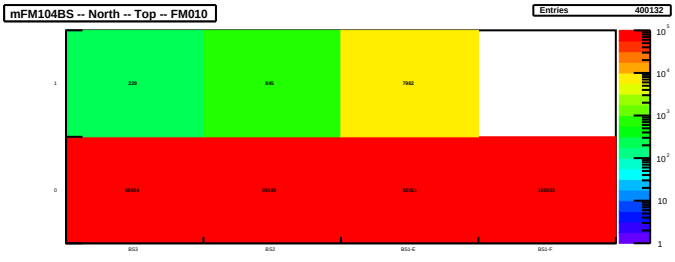

mFM104BSsim -- North -- Top/Side -- FM009
Entries 6048

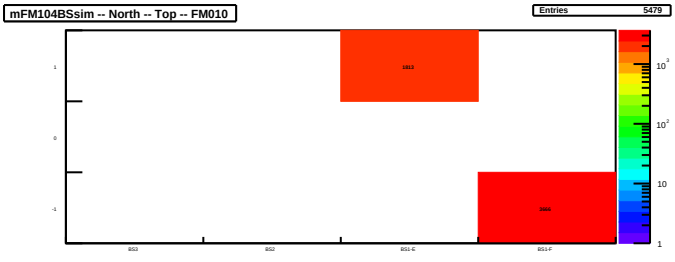

mFM104J -- South -- Top/Side -- FM009
Entries 100033
J(23)

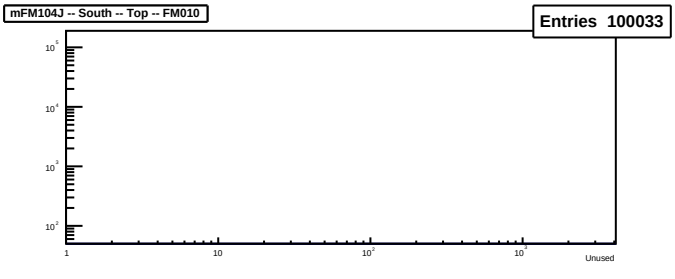

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

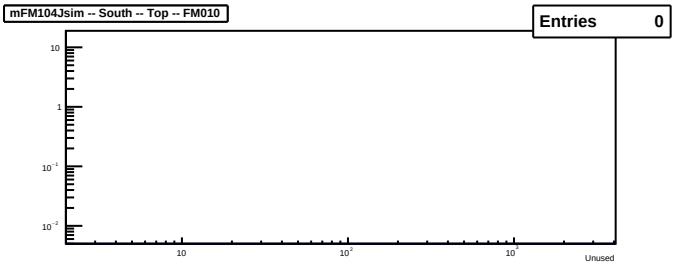

mFM104JP -- South -- Top/Side -- FM009
Entries 200066

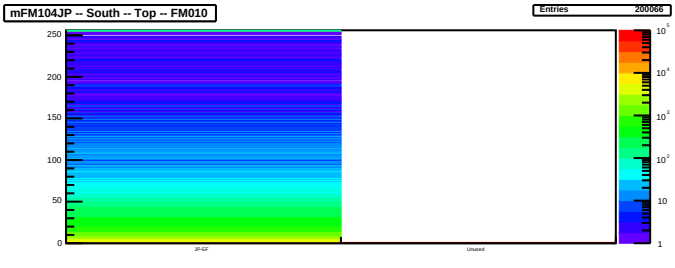

mFM104JPsim -- South -- Top/Side -- FM009
Entries 1252

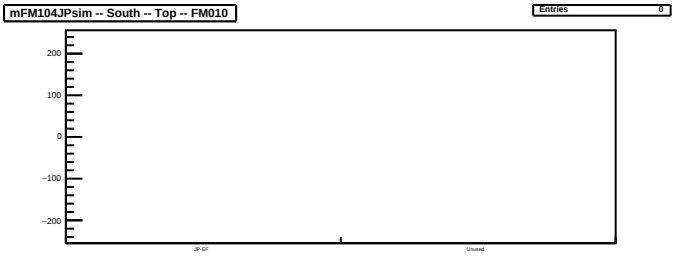

mFM104BS -- North -- Top -- FM010
Entries 400132

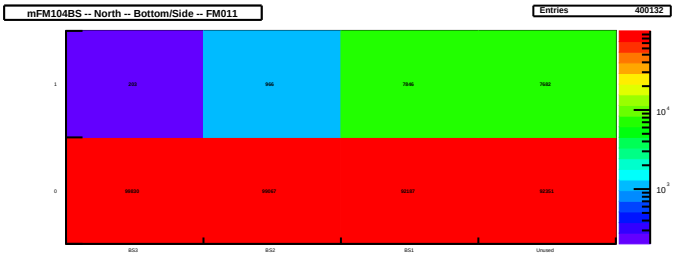

mFM104BSsim -- North -- Top -- FM010
Entries 5479

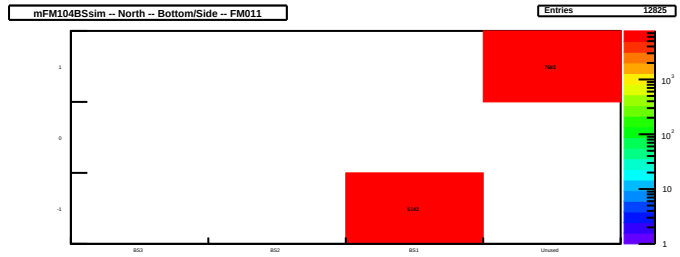

mFM104J -- South -- Top -- FM010
Entries 100033
Unused

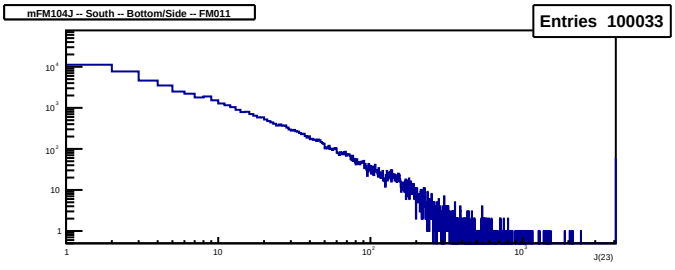

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

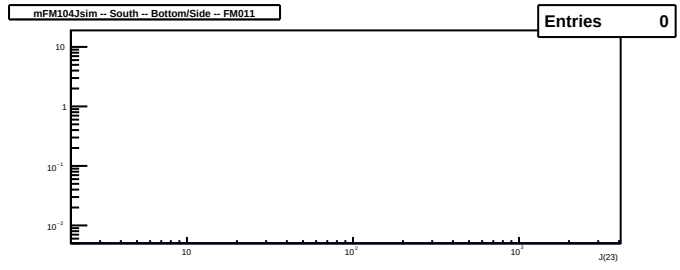

mFM104JP -- South -- Top -- FM010
Entries 200066

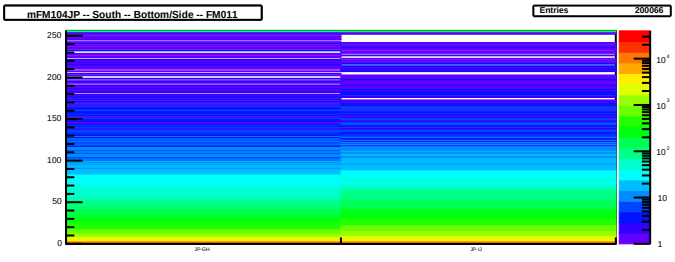

mFM104JPsim -- South -- Top -- FM010
Entries 0

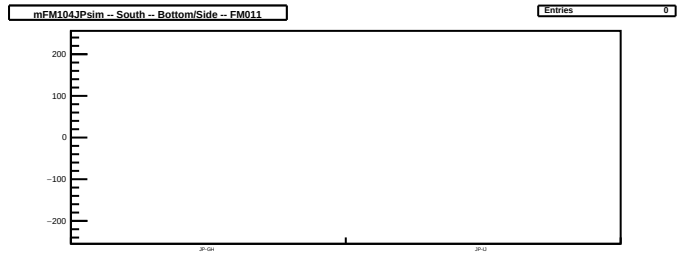

mFM104BS -- North -- Bottom/Side -- FM011
Entries 400132
BS3
BS2
BS1
Unused

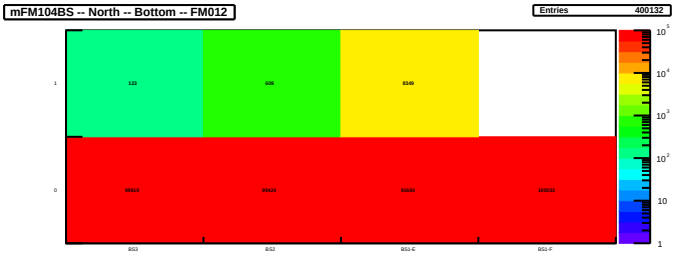

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 12825
BS3
BS2
BS1
Unused

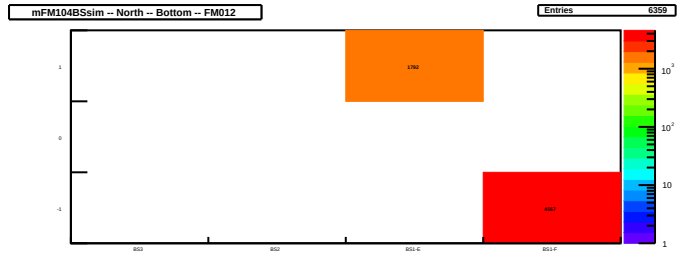

mFM104J -- South -- Bottom/Side -- FM011
Entries 100033
J(23)

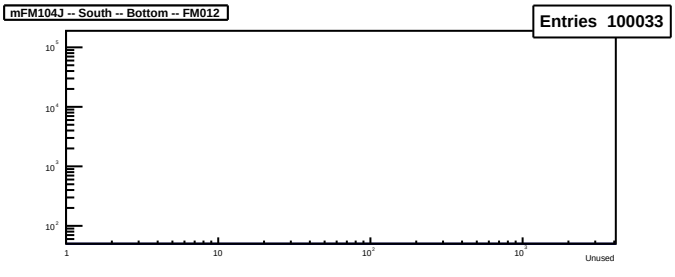

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

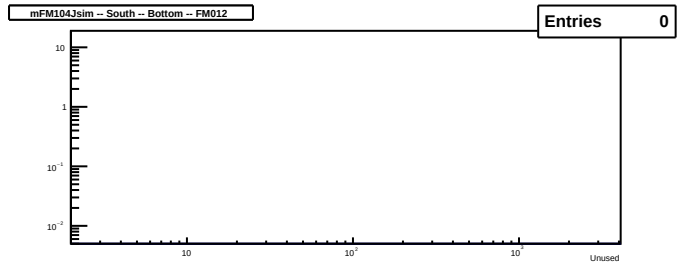

mFM104JP -- South -- Bottom/Side -- FM011
Entries 200066
JP-GH
JP-IJ

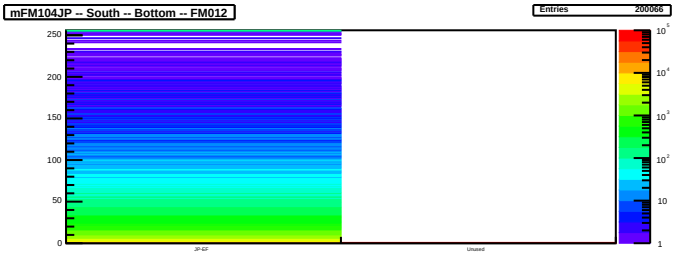

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ


mFM104BS -- North -- Bottom -- FM012
Entries 400132
BS3
BS2
BS1-E
BS1-F

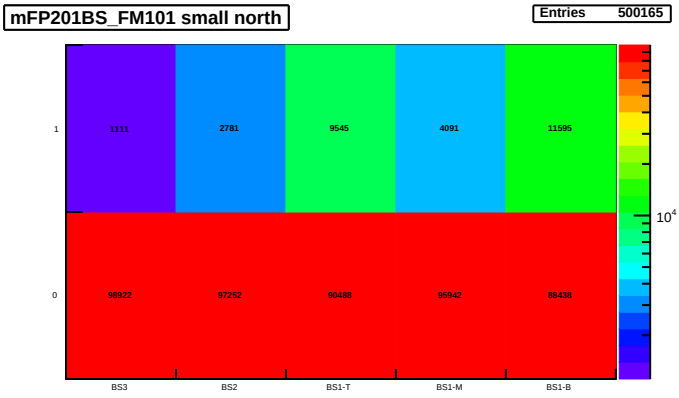

mFM104BSsim -- North -- Bottom -- FM012
Entries 6359
BS3
BS2
BS1-E
BS1-F

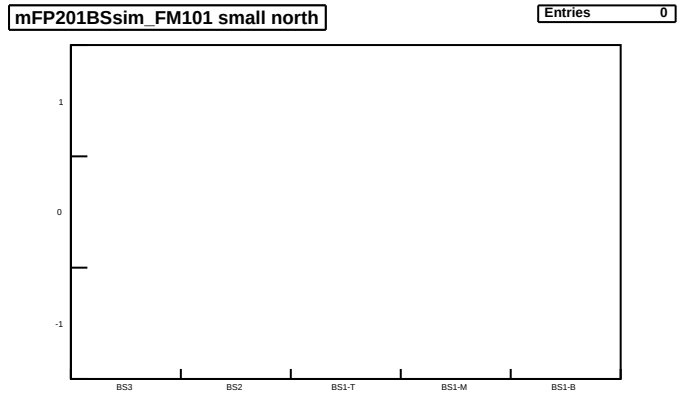

mFM104J -- South -- Bottom -- FM012
Entries 100033
Unused

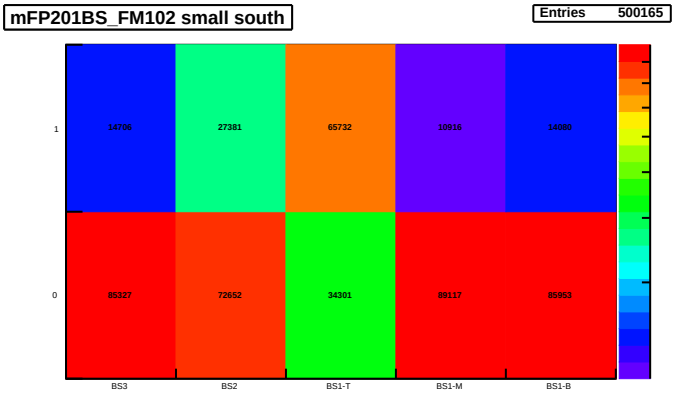

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

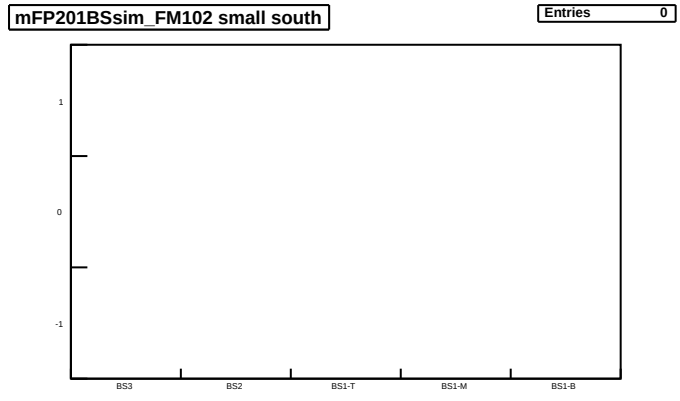

mFM104JP -- South -- Bottom -- FM012
Entries 200066
JP-EF
Unused

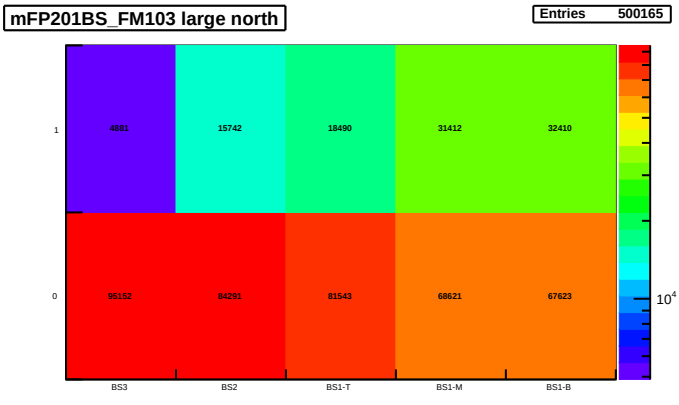
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

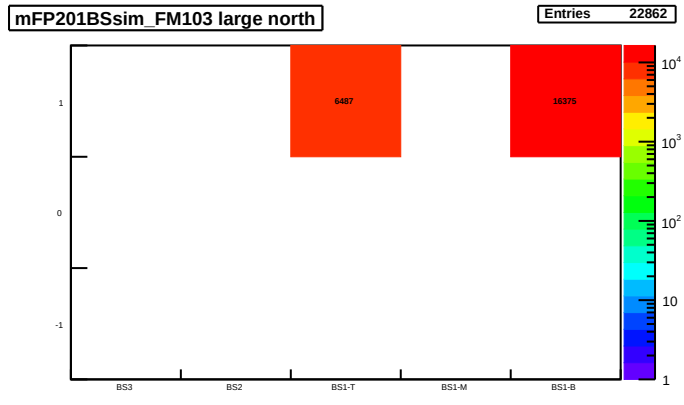

mFP201BS_FM101 small north
Entries 500165
1111
2781
9545
4091
11595
98922
97252
90488
95942
88438
BS3
BS2
BS1-T
BS1-M
BS1-B

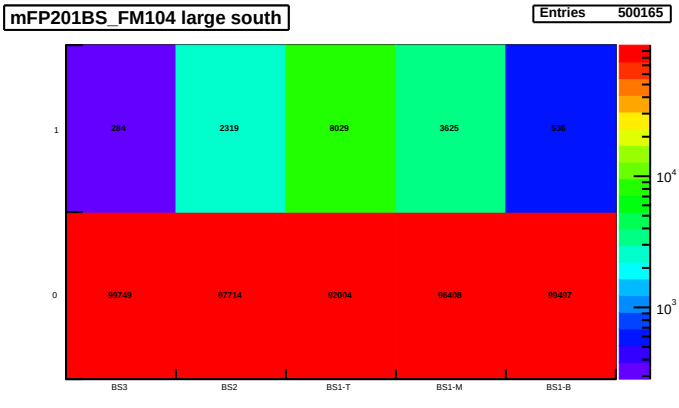

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

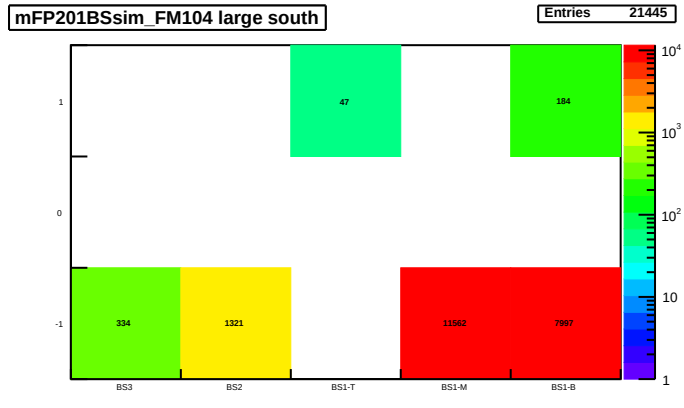

mFP201BS_FM102 small south
Entries 500165
14706
27381
65732
10916
14080
85327
72652
34301
89117
85953
BS3
BS2
BS1-T
BS1-M
BS1-B

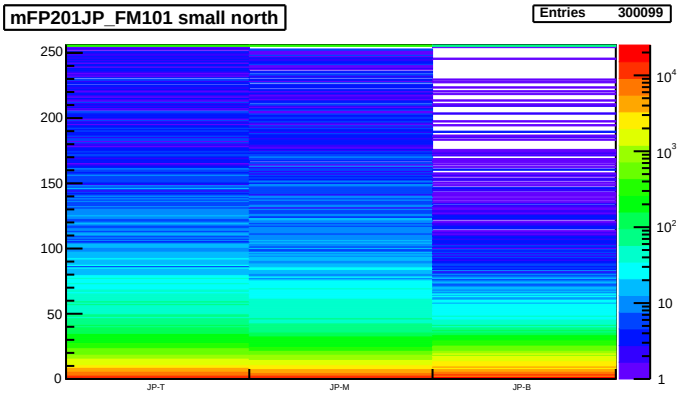

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

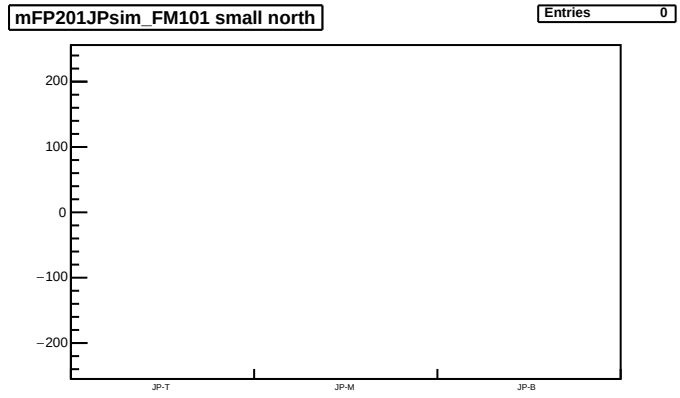

mFP201BS_FM103 large north
Entries 500165
4881
15742
18490
31412
32410
95152
84291
81543
68621
67623
BS3
BS2
BS1-T
BS1-M
BS1-B

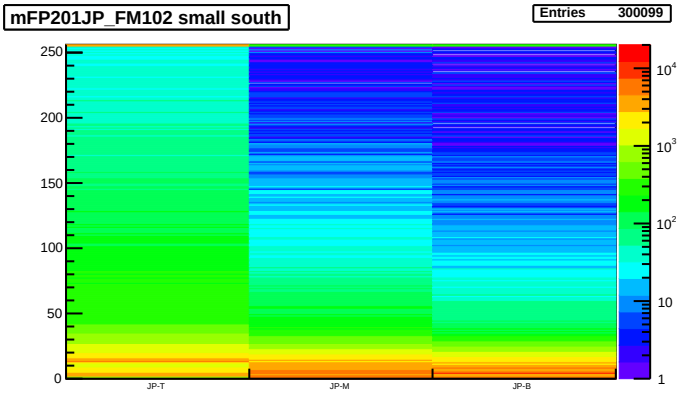

mFP201BSsim_FM103 large north
Entries 22862
6487
16375
BS3
BS2
BS1-T
BS1-M
BS1-B

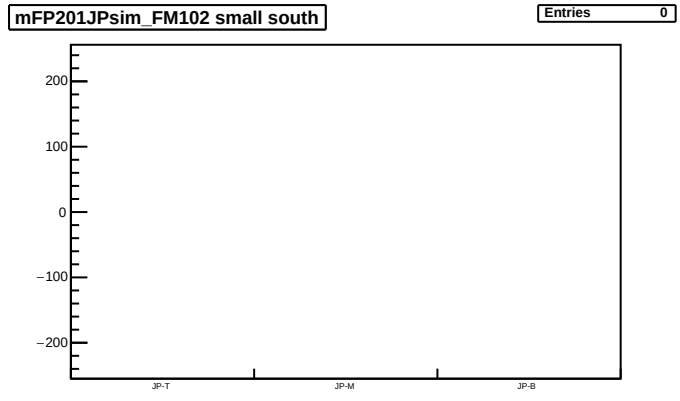

mFP201BS_FM104 large south
Entries 500165
284
2319
8029
3625
536
99749
97714
92004
96408
99497
BS3
BS2
BS1-T
BS1-M
BS1-B

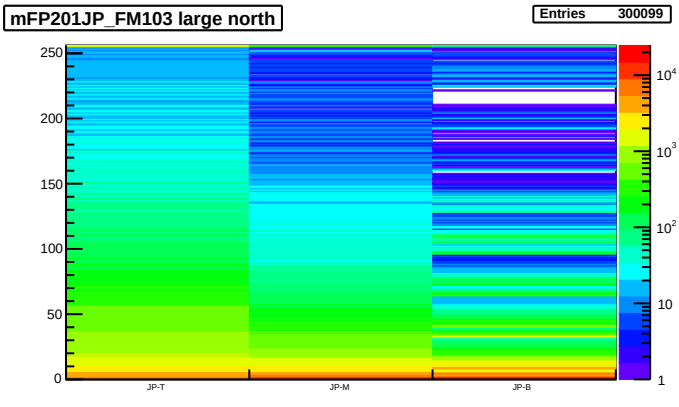

mFP201BSsim_FM104 large south
Entries 21445
47
184
334
1321
11562
7997
BS3
BS2
BS1-T
BS1-M
BS1-B

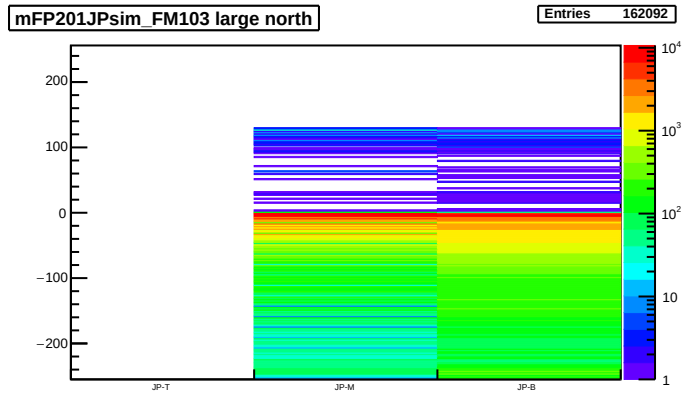

mFP201JP_FM101 small north
Entries 300099
JP-T
JP-M
JP-B

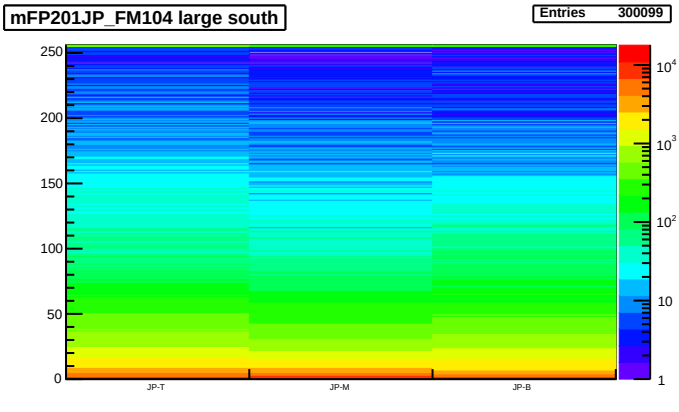

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

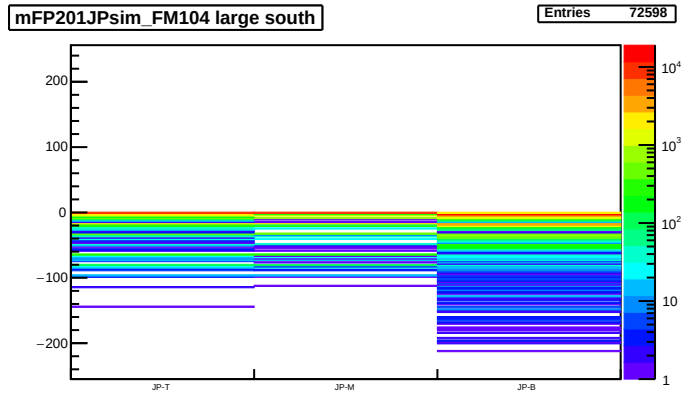

mFP201JP_FM102 small south
Entries 300099
JP-T
JP-M
JP-B

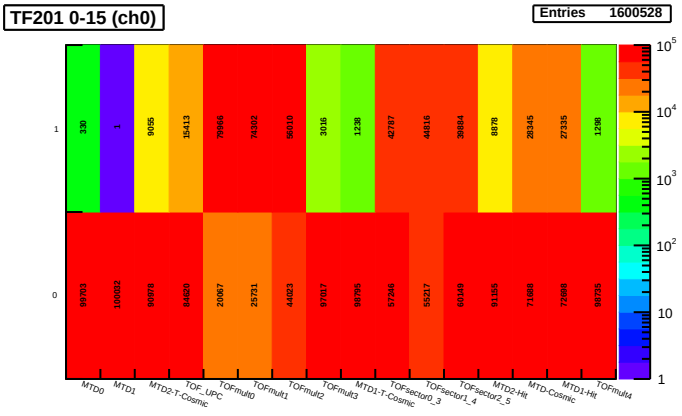

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

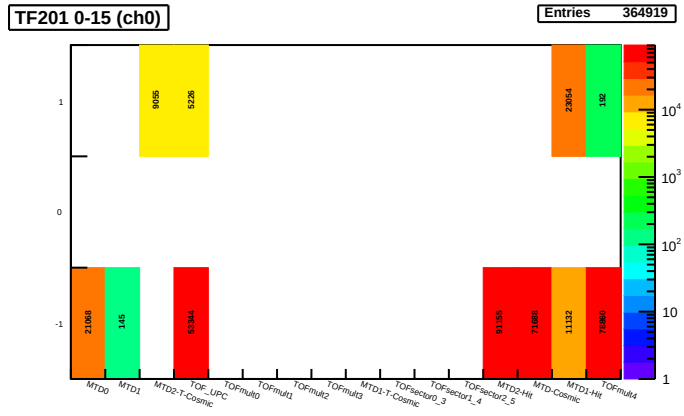

mFP201JP_FM103 large north
Entries 300099
JP-T
JP-M
JP-B

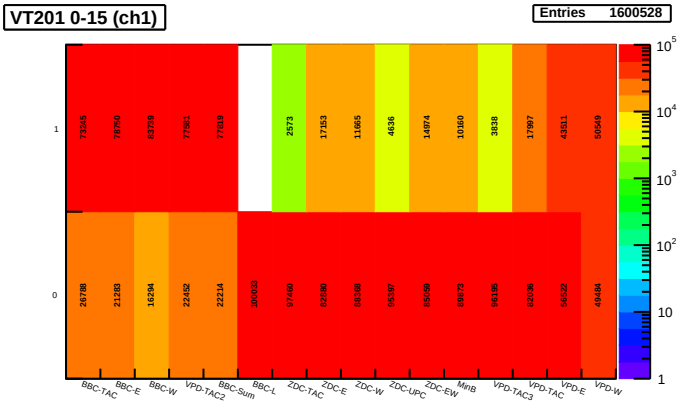

mFP201JPsim_FM103 large north
Entries 162092
JP-T
JP-M
JP-B

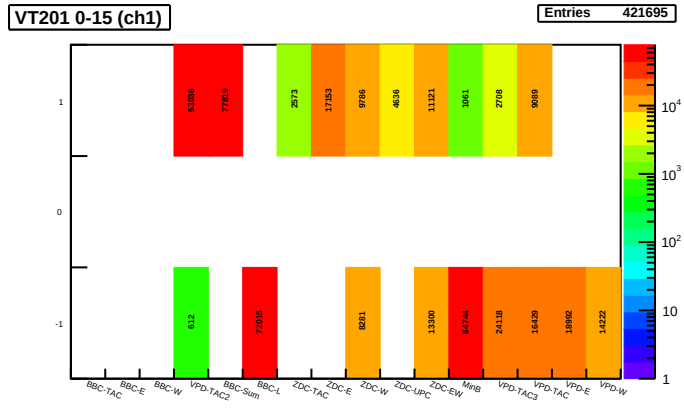

mFP201JP_FM104 large south
Entries 300099
JP-T
JP-M
JP-B

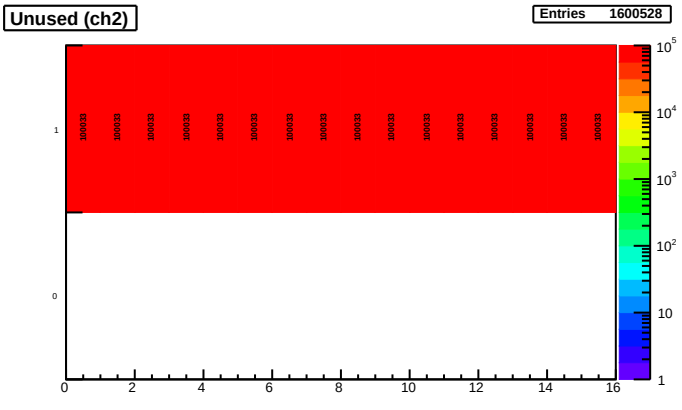

mFP201JPsim_FM104 large south
Entries 72598
JP-T
JP-M
JP-B

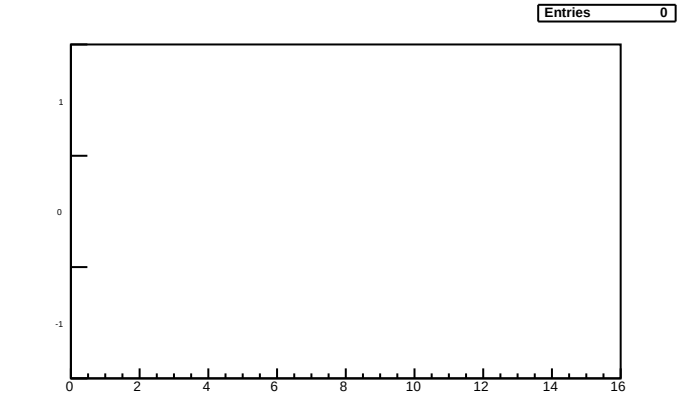

TF201 0-15 (ch0)
Entries 1600528
330 1 9055 15413 79966 74302 56010 3016 1238 42787 44816 39684 8878 28345 27335 1298
99703 100032 90078 84620 20867 25731 44023 97017 98795 57346 55217 60149 91155 71683 72668 98735
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

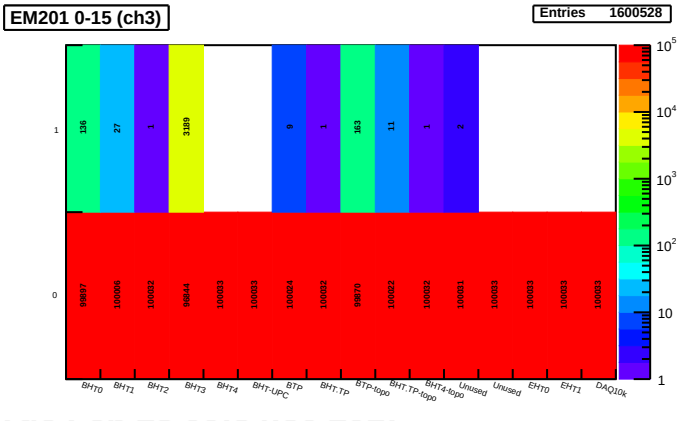

TF201 0-15 (ch0)
Entries 364919
9055 5226 23054 182
21868 145 53344 91155 71688 11132 78860
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

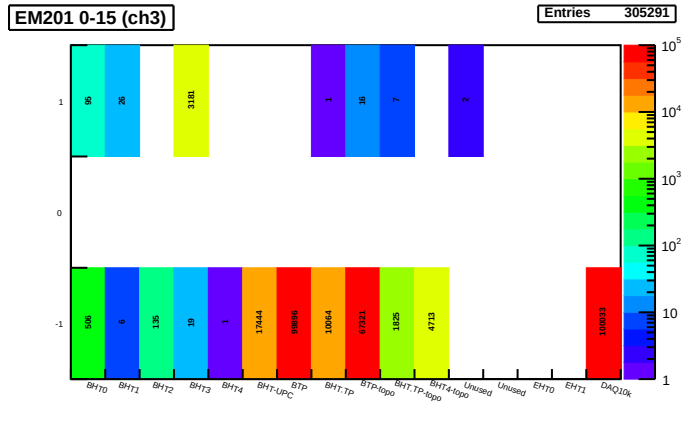

VT201 0-15 (ch1)
Entries 1600528
73945 78750 83730 77881 77819 2573 17153 11665 4636 14974 10160 3838 17997 43511 50549
26708 21283 16294 22452 22214 100033 97460 82880 88368 95397 85059 88973 96195 82036 56522 49484
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

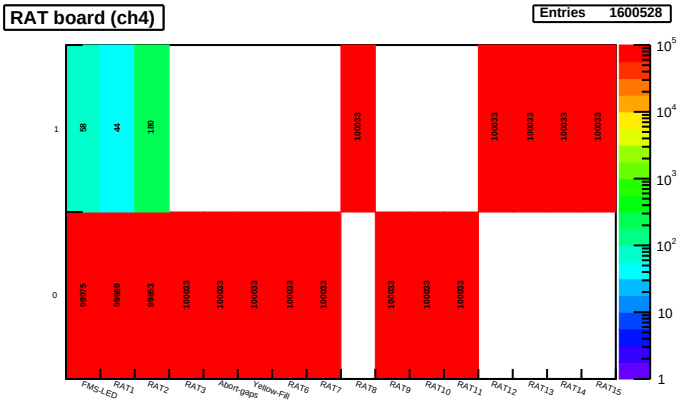

VT201 0-15 (ch1)
Entries 421695
53036 77819 2573 17153 9786 4636 11121 1061 2708 9039
612 72015 8281 13300 64744 24118 16429 18992 14222
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

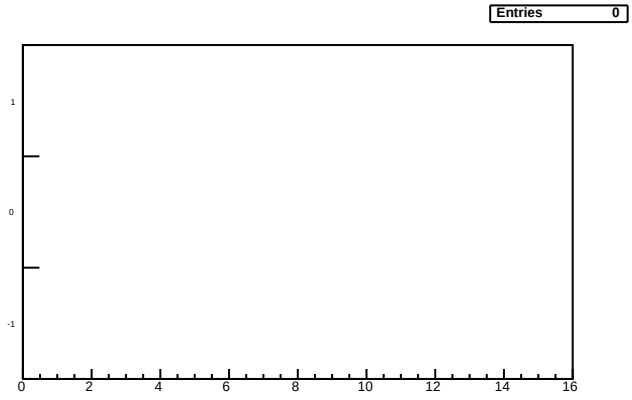

Unused (ch2)
Entries 1600528
100033 100033 100033 100033 100033 100033 100033 100033 100033 100033 100033 100033 100033 100033 100033 100033

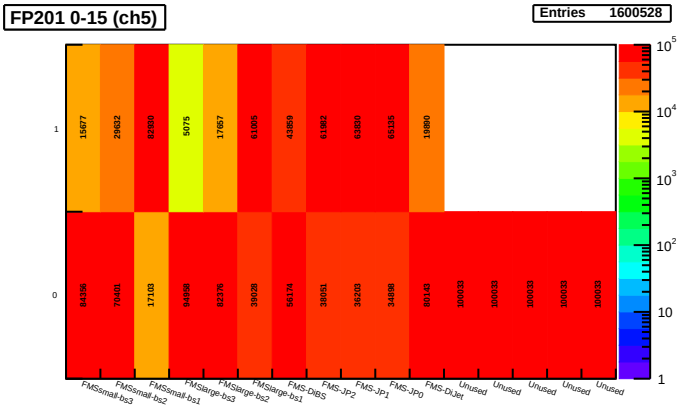

Entries 0

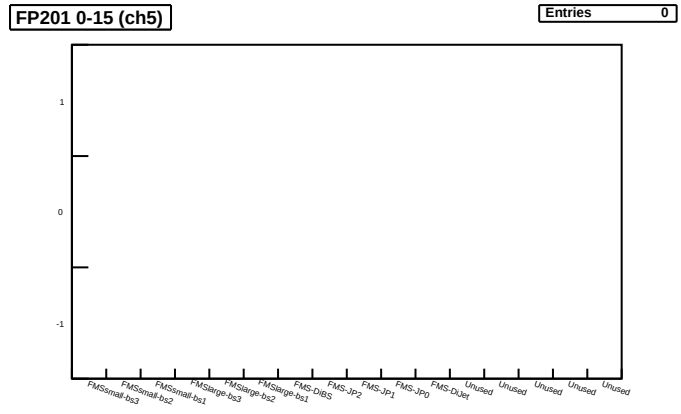

EM201 0-15 (ch3)
Entries 1600528
136 27 1 3189 9 1 163 11 1 2
99897 100006 100022 96844 100033 100033 100024 100032 99870 100022 100032 100031 100033 100033 100033 100033
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

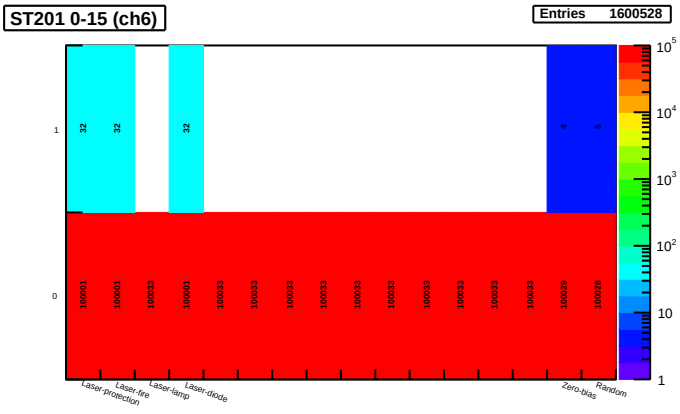

EM201 0-15 (ch3)
Entries 305291
95 26 3181 1 16 7 2
506 6 135 19 1 17444 99836 10064 67321 1825 4713 100033
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

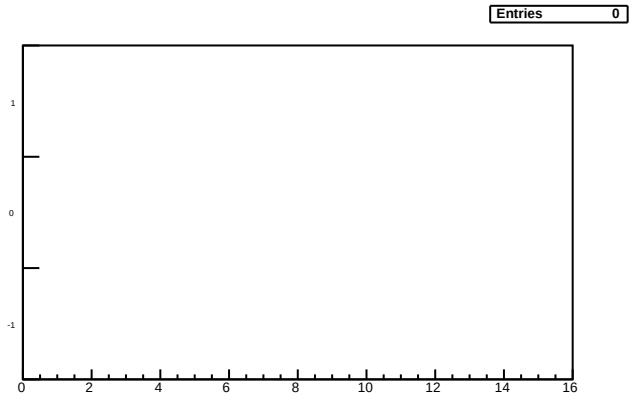

RAT board (ch4)
Entries 1600528
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

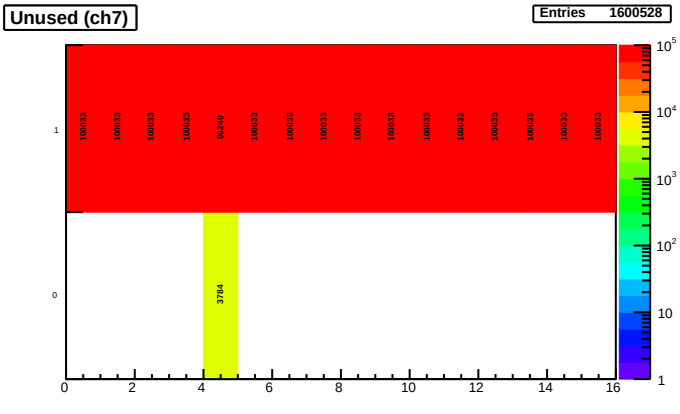

Entries 0

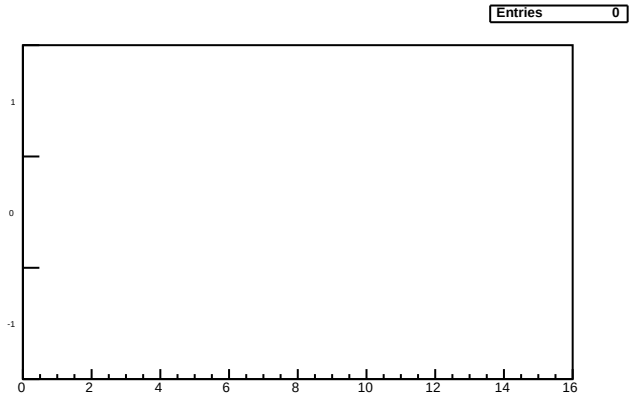

FP201 0-15 (ch5)
Entries 1600528
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


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


ST201 0-15 (ch6)
Entries 1600528
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 1600528


Entries 0