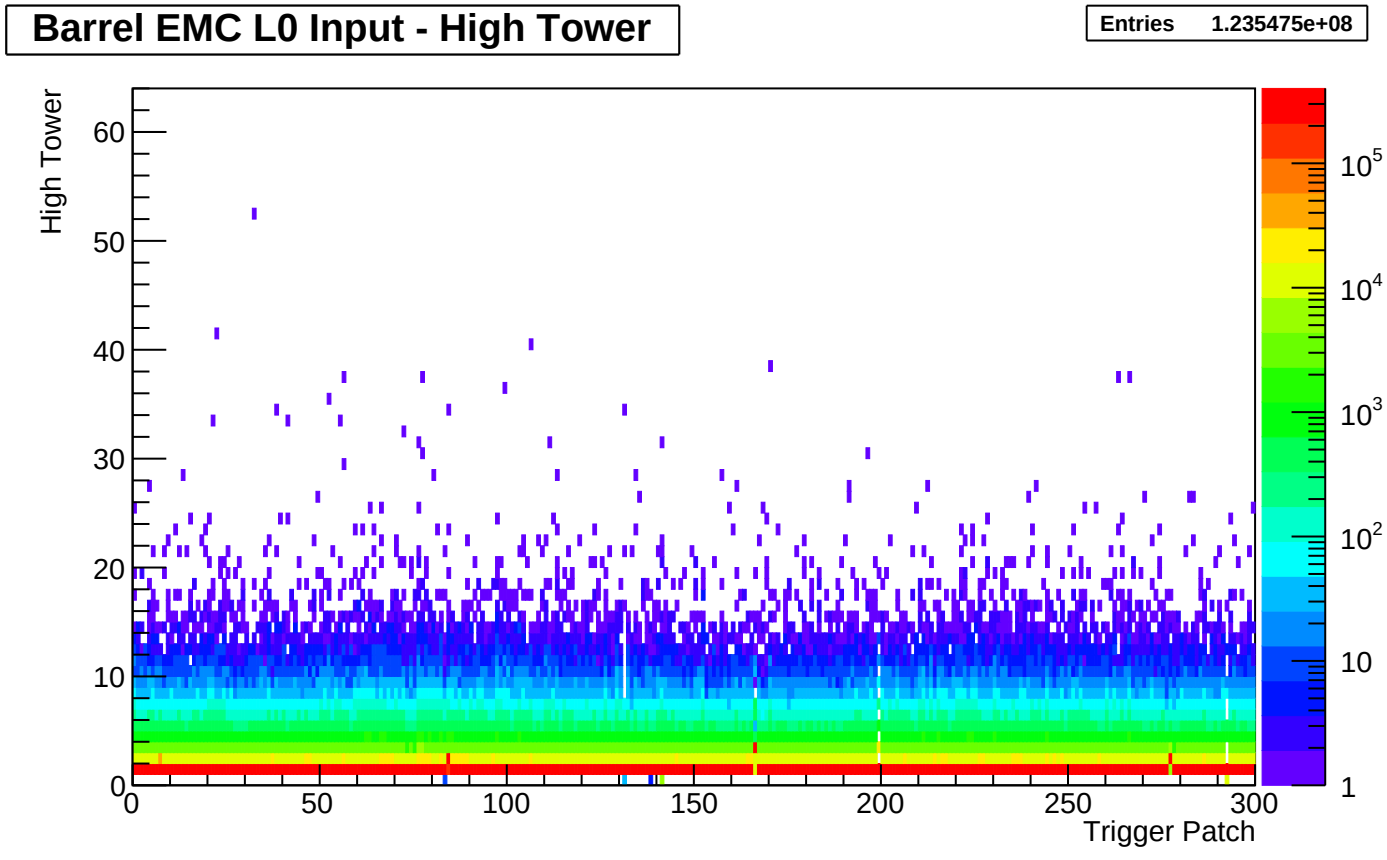
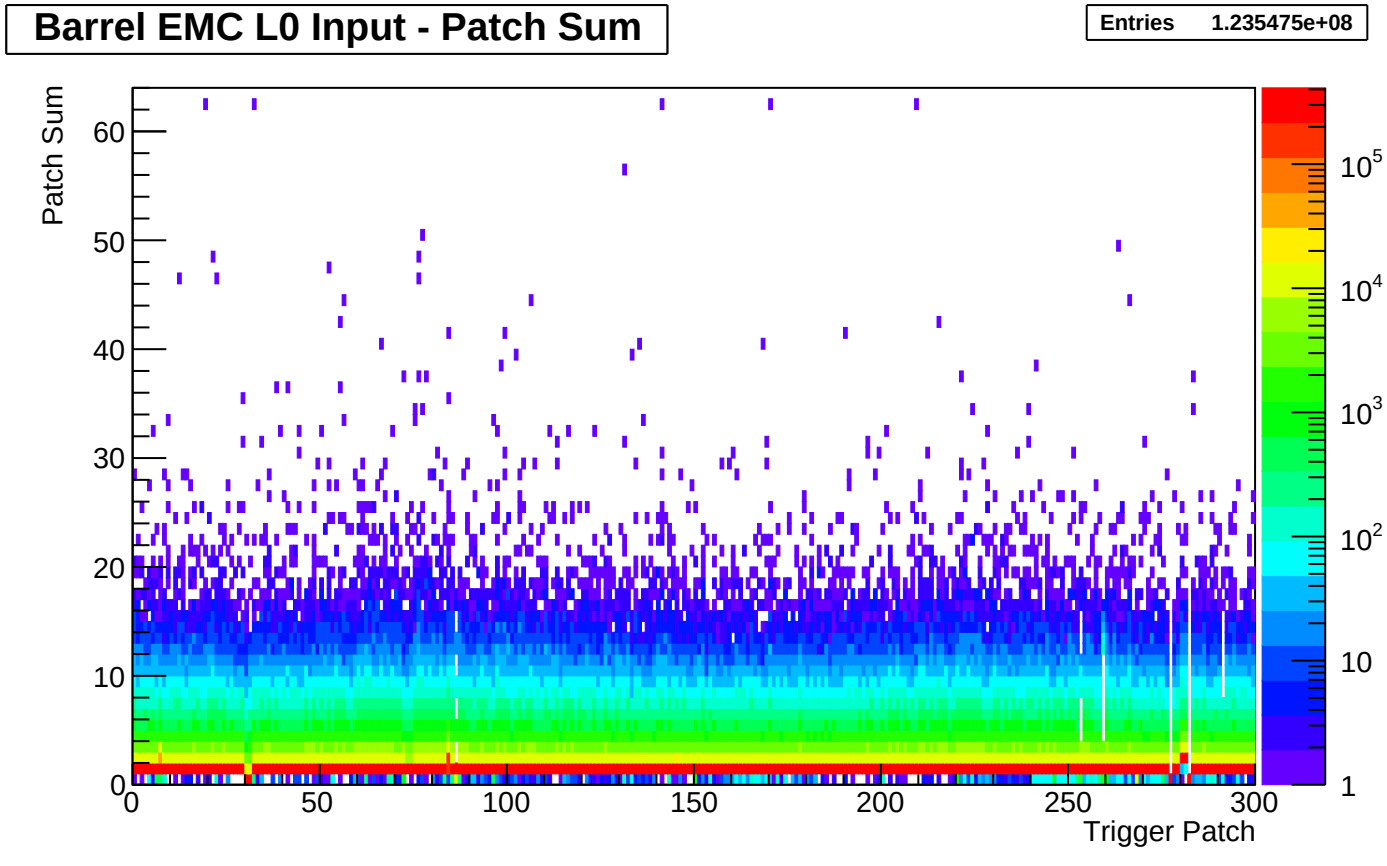
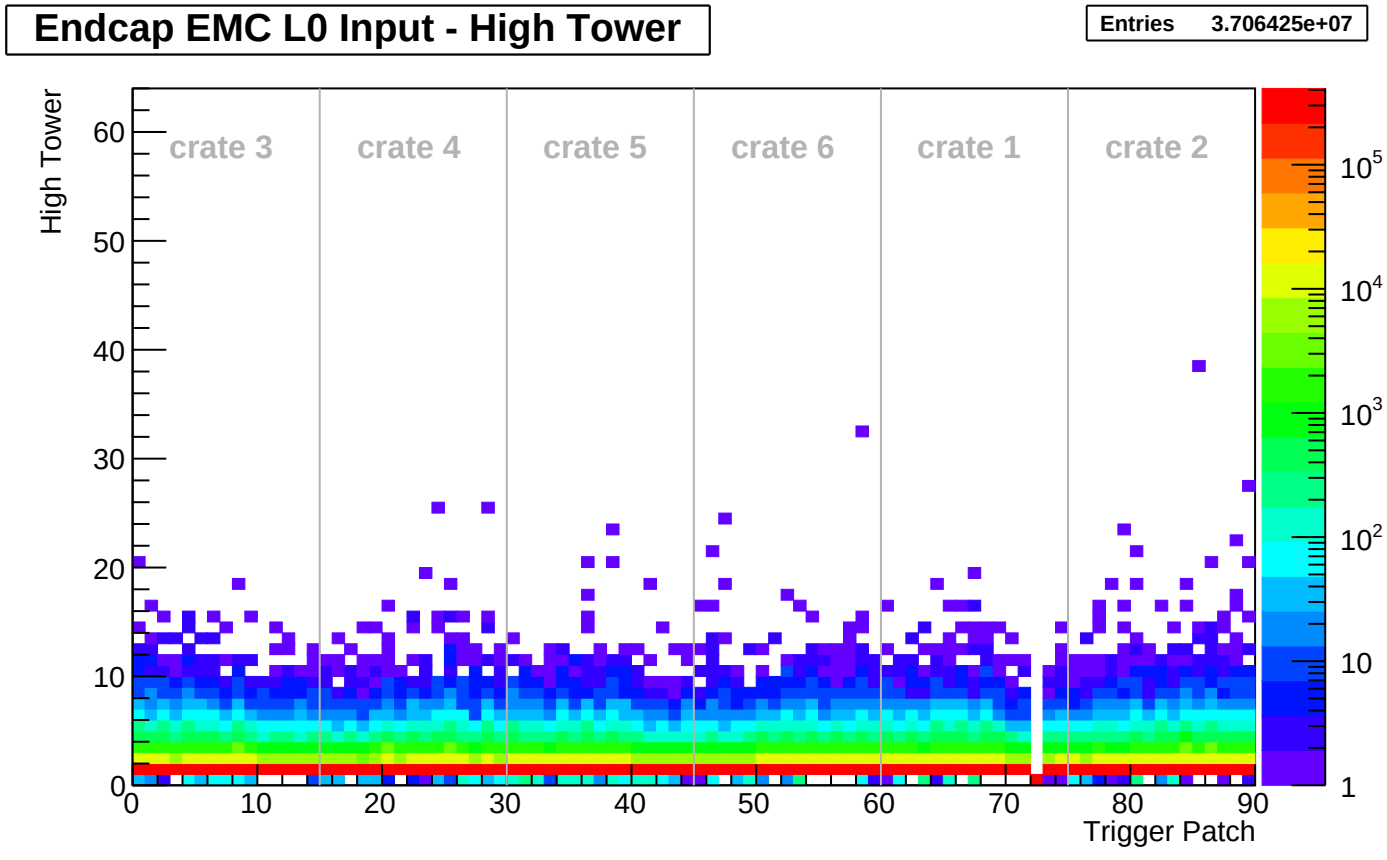
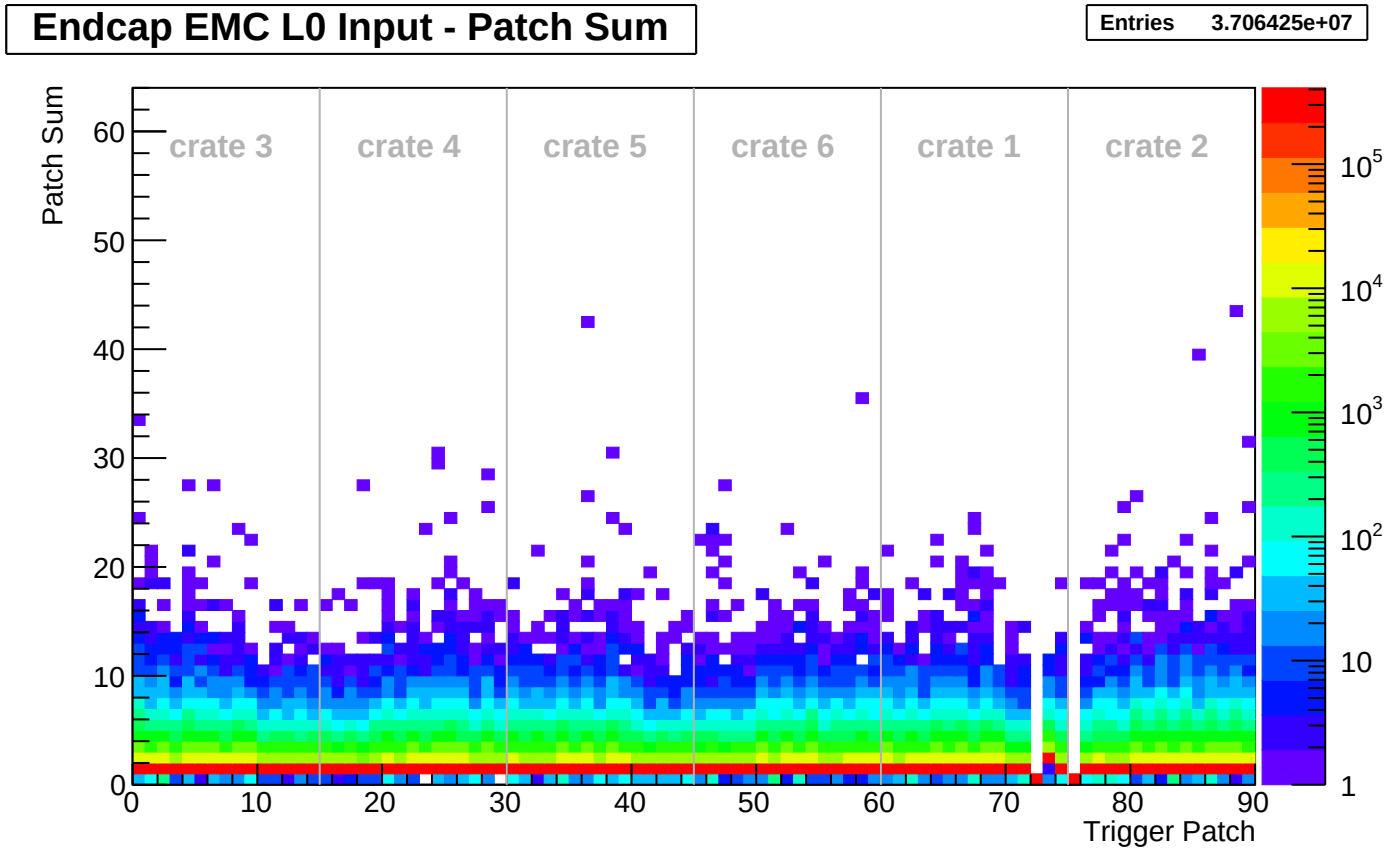
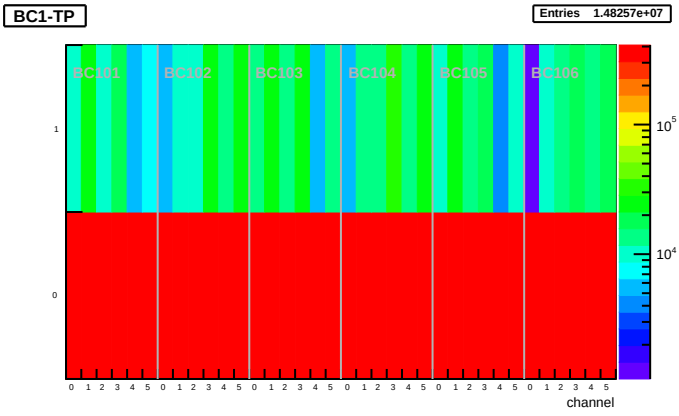
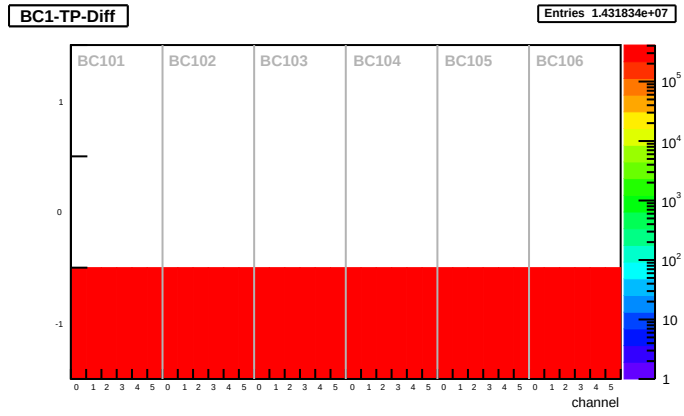

Barrel EMC L0 Input - High Tower
Entries 1.235475e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

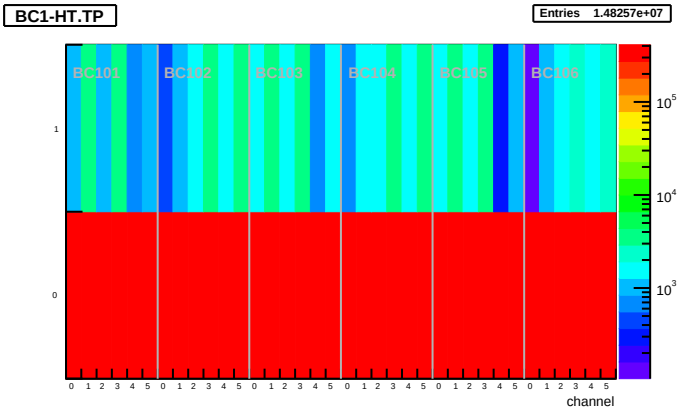

Barrel EMC L0 Input - Patch Sum
Entries 1.235475e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

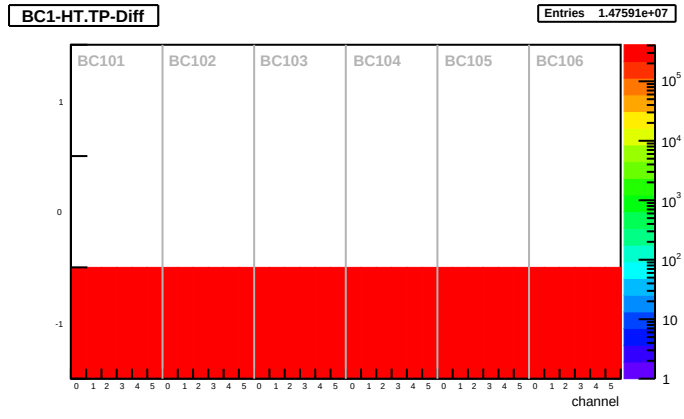

Endcap EMC L0 Input - High Tower
Entries 3.706425e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

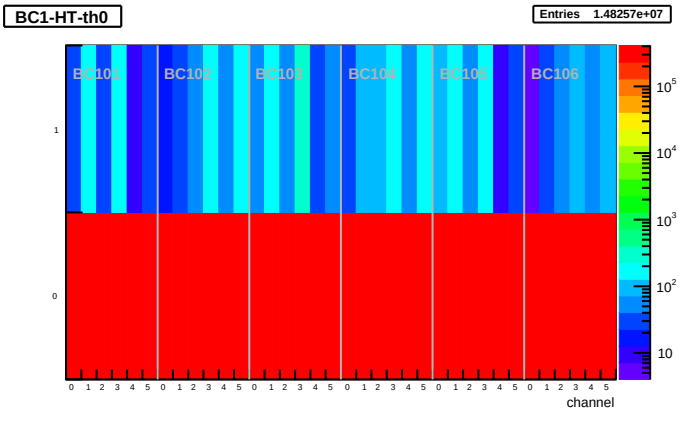

Endcap EMC L0 Input - Patch Sum
Entries 3.706425e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

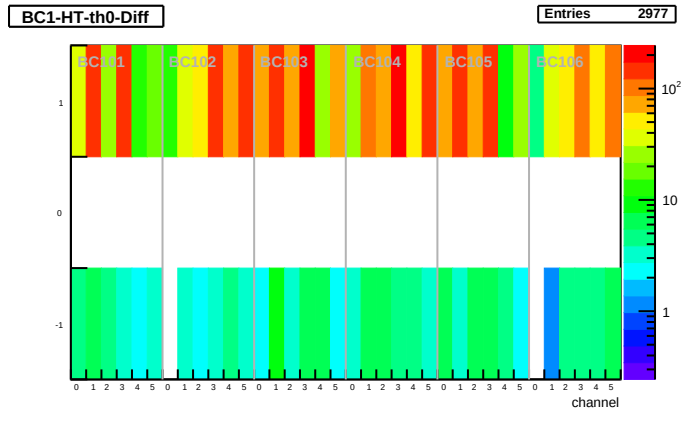

BC1-TP
Entries 1.48257e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

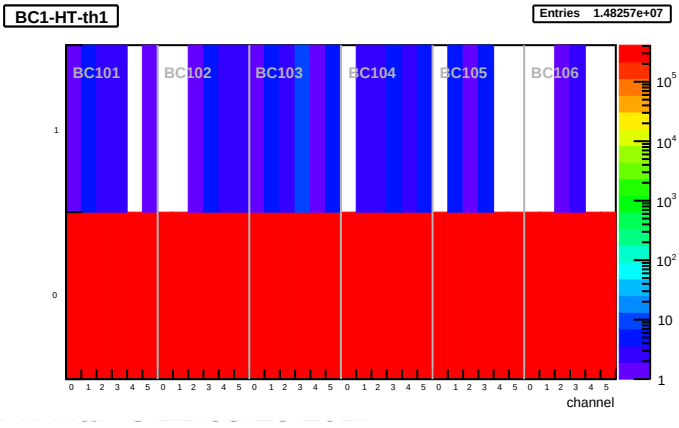

BC1-TP-Diff
Entries 1.431834e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

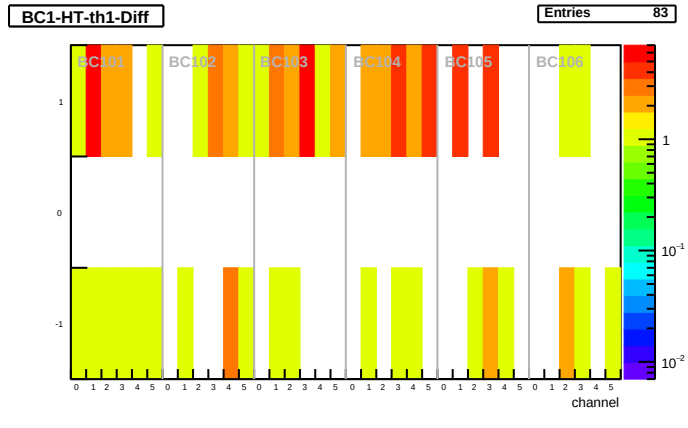

BC1-HT.TP
Entries 1.48257e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

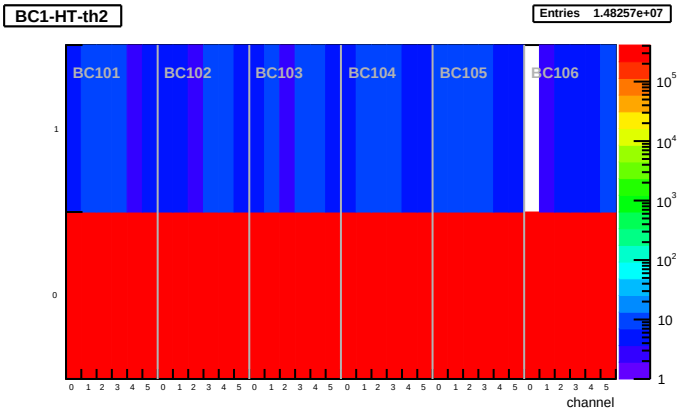

BC1-HT.TP-Diff
Entries 1.47591e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

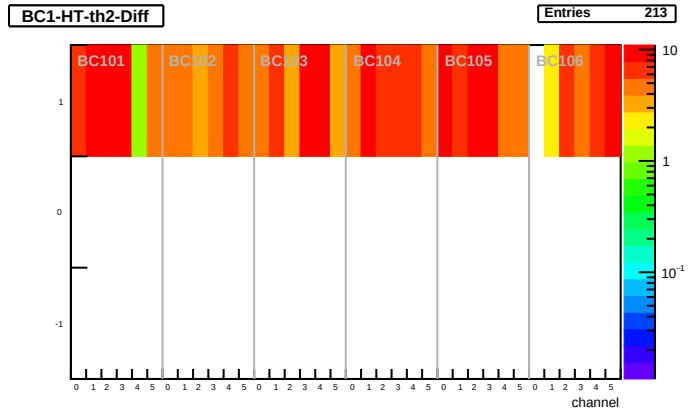

BC1-HT-th0
Entries 1.48257e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

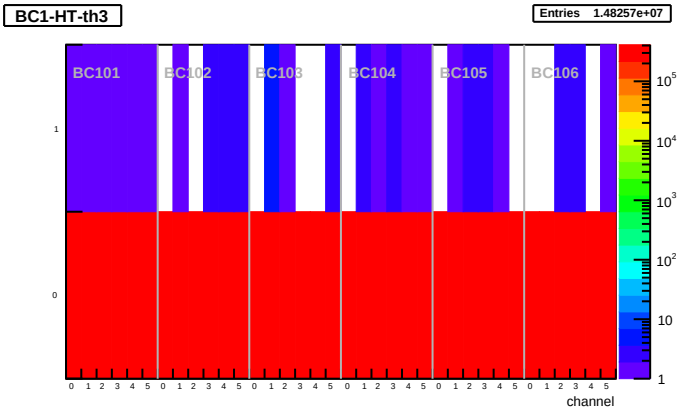

BC1-HT-th0-Diff
Entries 2977
BC101
BC102
BC103
BC104
BC105
BC106
channel

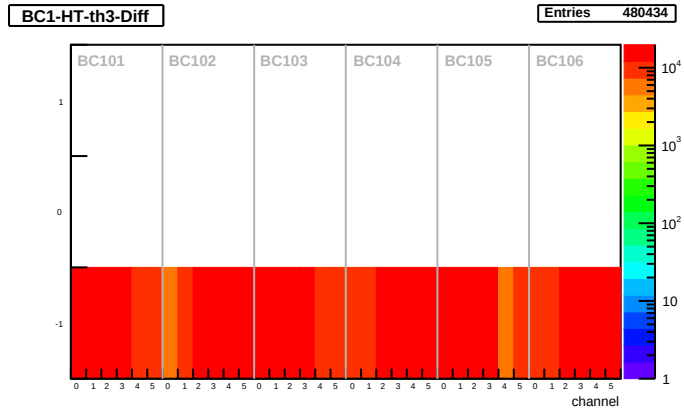

BC1-HT-th1
Entries 1.48257e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

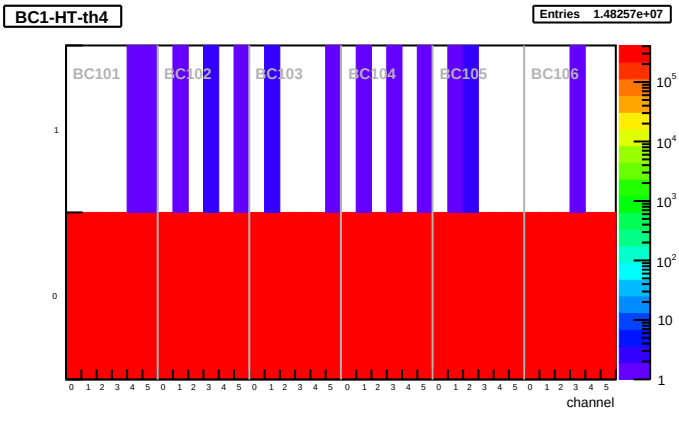

BC1-HT-th1-Diff
Entries 83
BC101
BC102
BC103
BC104
BC105
BC106
channel

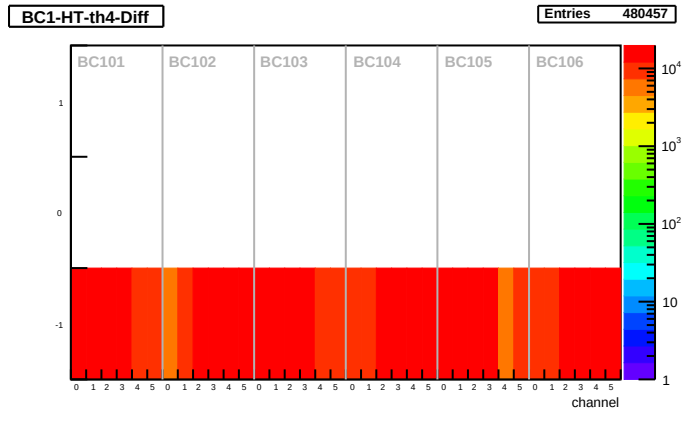

BC1-HT-th2
Entries 1.48257e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

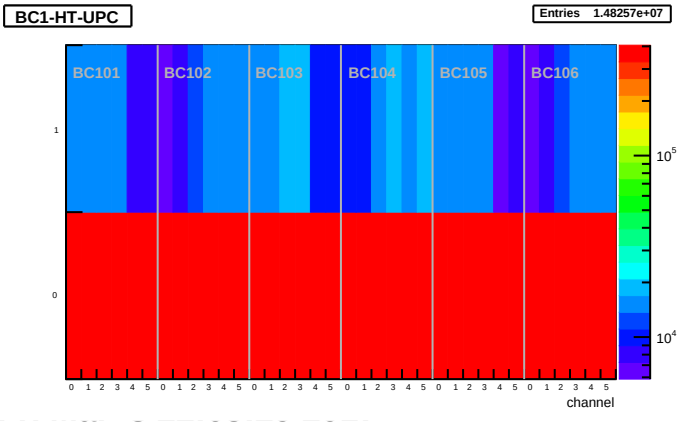

BC1-HT-th2-Diff
Entries 213
BC101
BC102
BC103
BC104
BC105
BC106
channel

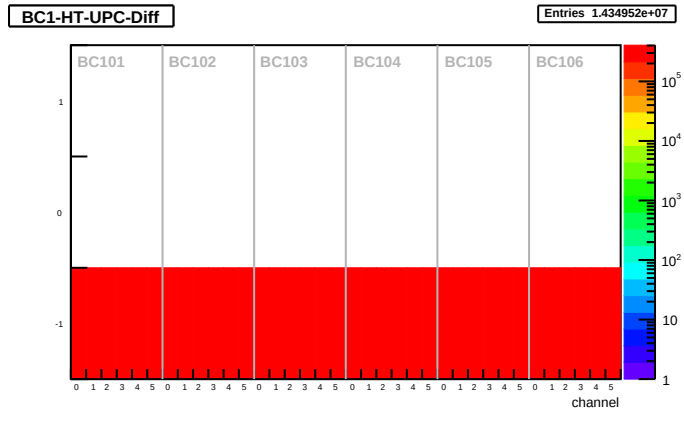

BC1-HT-th3
Entries 1.48257e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

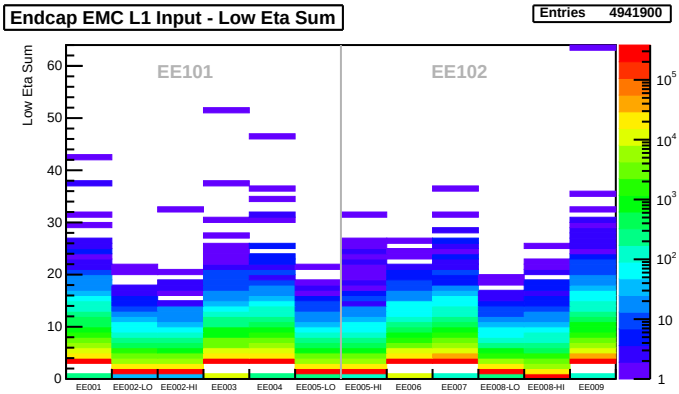

BC1-HT-th3-Diff
Entries 480434
BC101
BC102
BC103
BC104
BC105
BC106
channel

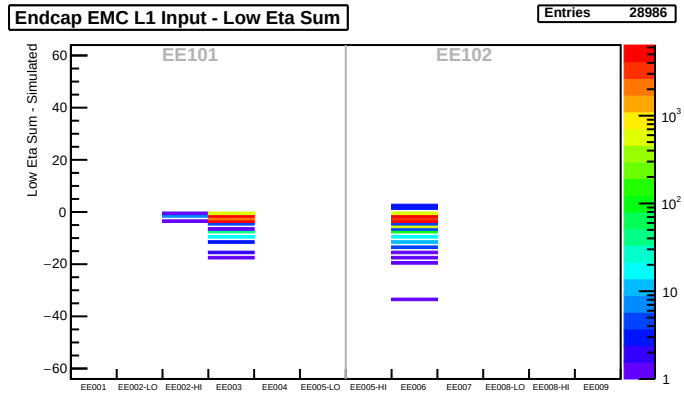

BC1-HT-th4
Entries 1.48257e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

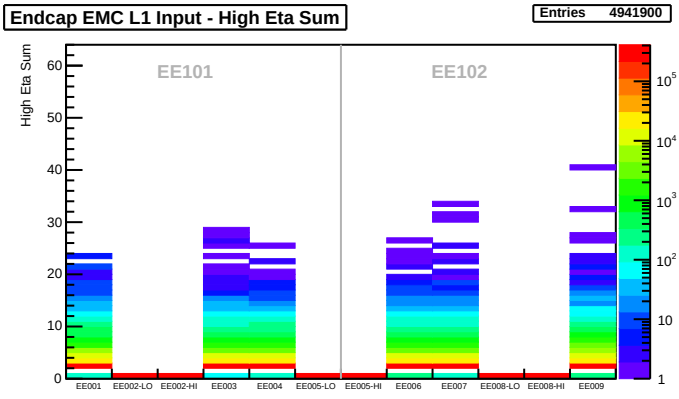

BC1-HT-th4-Diff
Entries 480457
BC101
BC102
BC103
BC104
BC105
BC106
channel

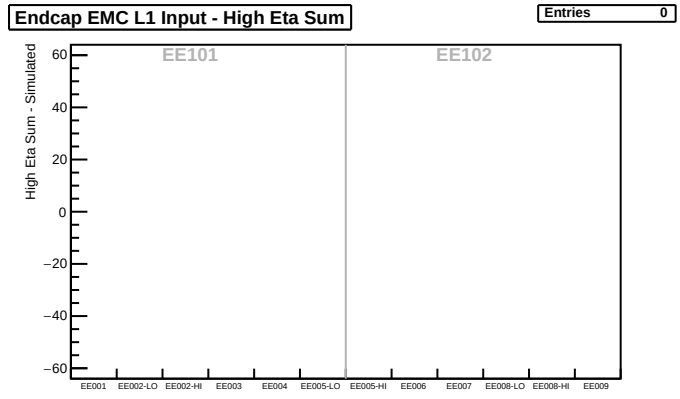

BC1-HT-UPC
Entries 1.48257e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

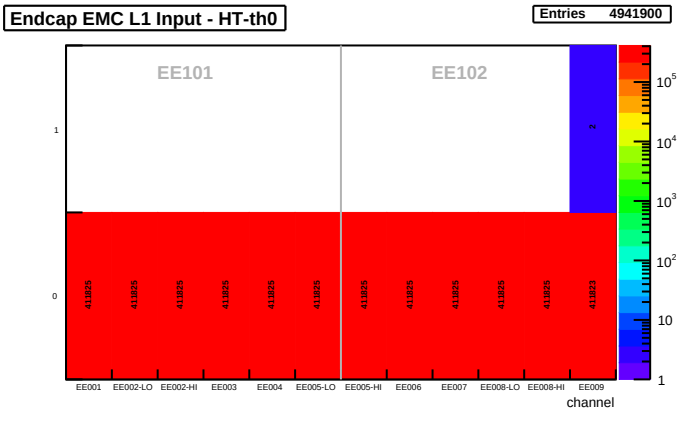

BC1-HT-UPC-Diff
Entries 1.434952e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

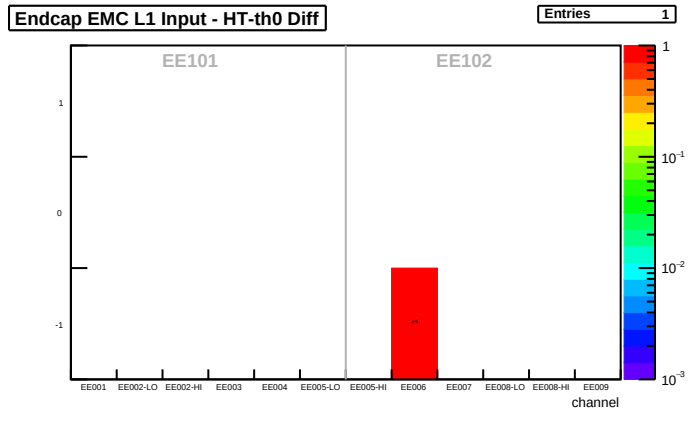

Endcap EMC L1 Input - Low Eta Sum
Entries 4941900
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

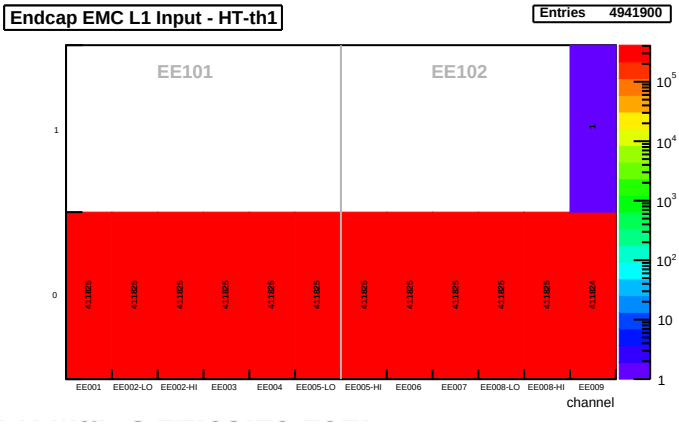

Endcap EMC L1 Input - Low Eta Sum
Entries 28986
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

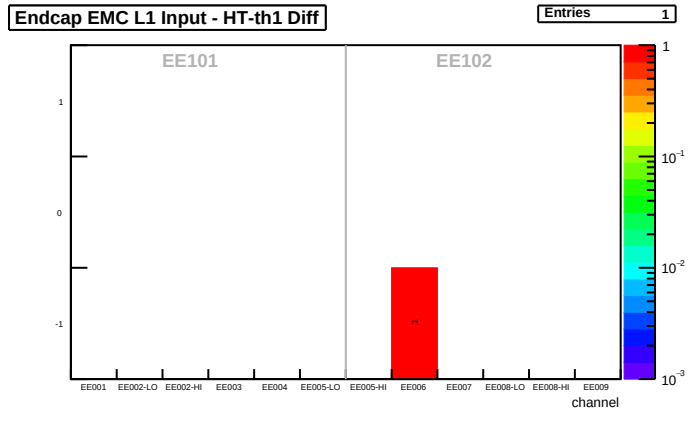

Endcap EMC L1 Input - High Eta Sum
Entries 4941900
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

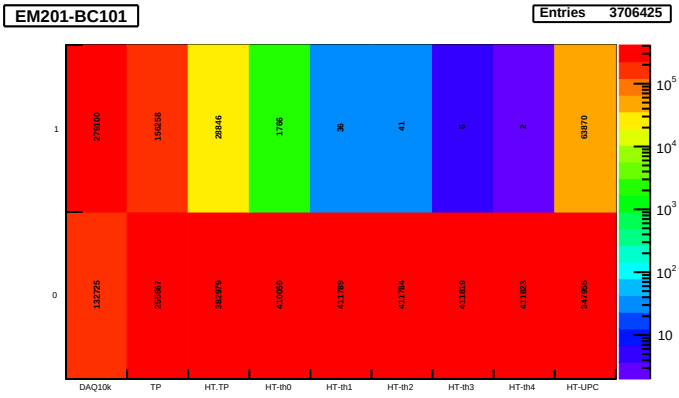

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

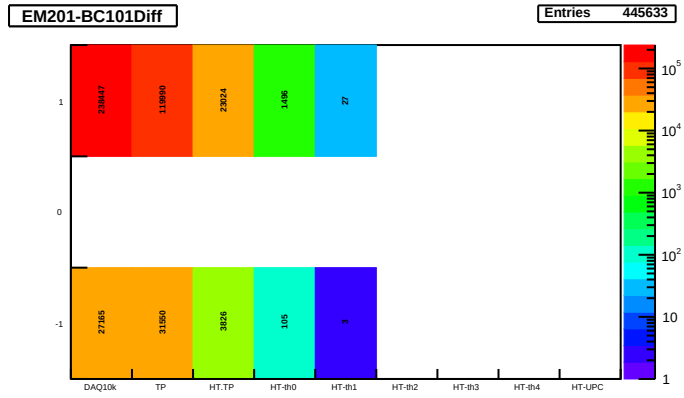

Endcap EMC L1 Input - HT-th0
Entries 4941900
EE101
EE102
channel

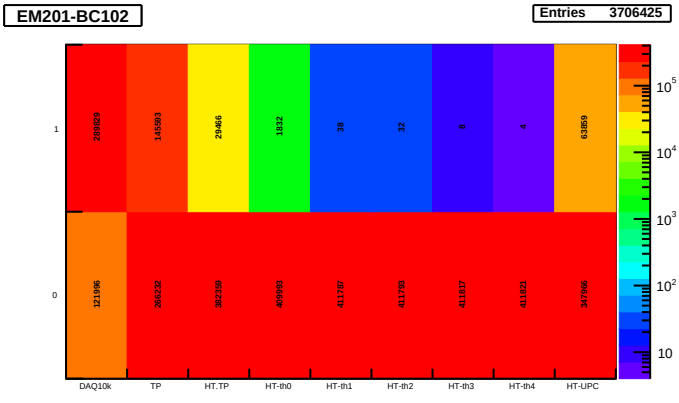

Endcap EMC L1 Input - HT-th0 Diff
Entries 1
EE101
EE102
channel

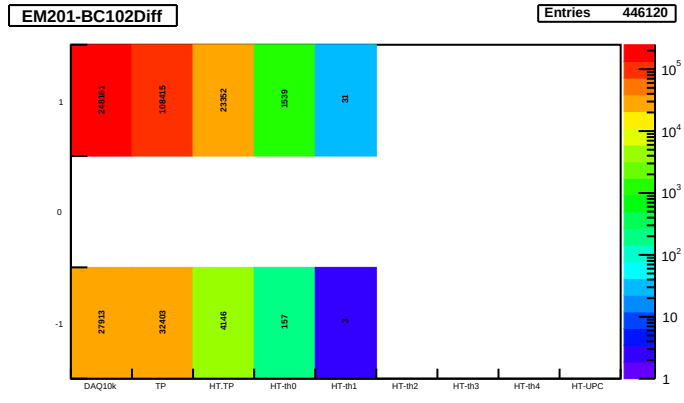

Endcap EMC L1 Input - HT-th1
Entries 4941900
EE101
EE102
channel

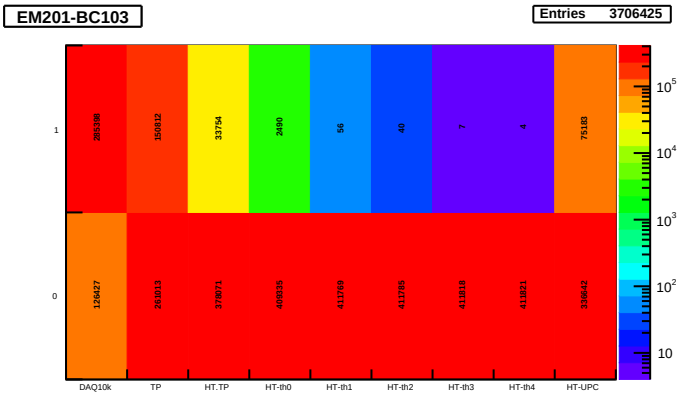

Endcap EMC L1 Input - HT-th1 Diff
Entries 1
EE101
EE102
channel

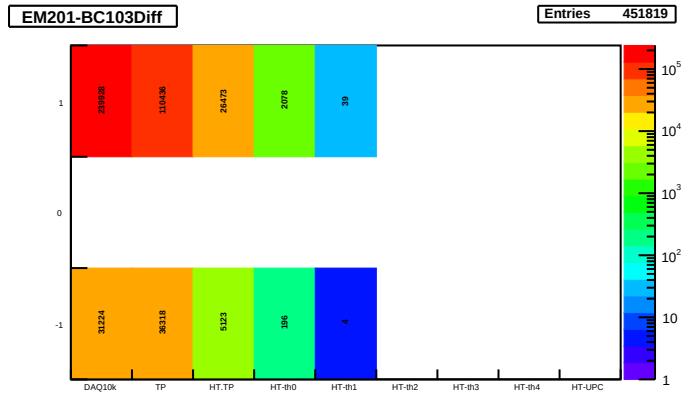

EM201-BC101
Entries 3706425
1
0
279100
156258
28846
1766
36
41
6
2
63870
132725
255567
382979
410059
411789
411784
411819
411823
347955
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10

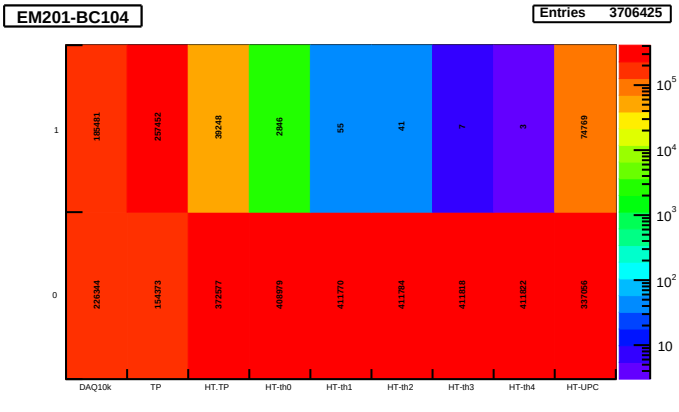

EM201-BC101Diff
Entries 445633
1
0
-1
239447
119990
23024
1496
27
27165
31550
3826
105
3
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

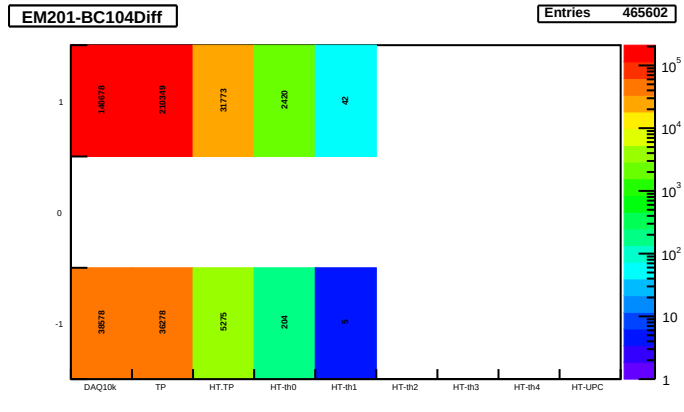

EM201-BC102
Entries 3706425
1
0
289829
145993
29466
1832
38
32
8
4
63859
121996
256232
382359
409983
411787
411793
411817
411821
347986
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10


EM201-BC102Diff
Entries 446120
1
0
-1
248161
108415
23362
1539
31
27913
32403
4146
157
3
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

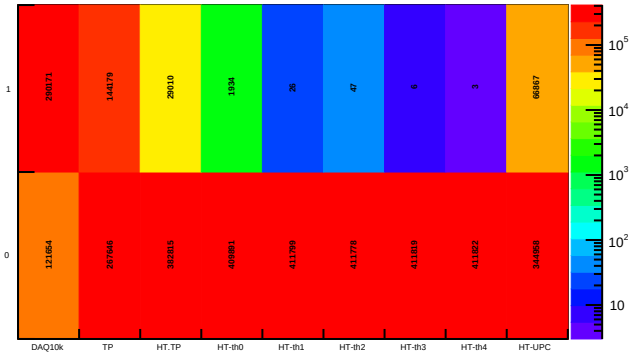

EM201-BC103
Entries 3706425
1
0
286398
150812
33754
2690
56
40
7
4
75183
126427
263013
378071
408335
411769
411785
411818
411821
336642
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10


EM201-BC103Diff
Entries 451819
1
0
-1
239926
110438
26473
2078
39
31224
36318
5223
196
4
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

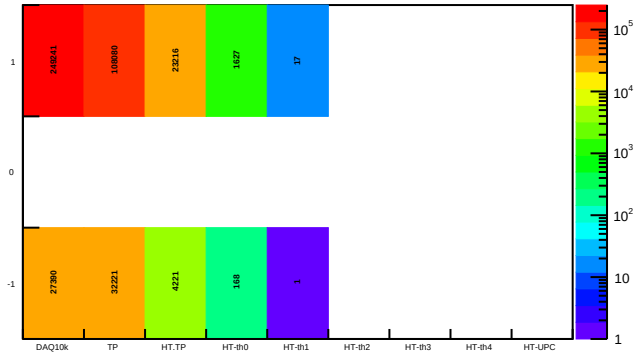

EM201-BC104
Entries 3706425
1
0
185481
257452
39248
2846
55
41
7
3
74769
226344
154373
372577
408979
411770
411784
411818
411822
337664
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10


EM201-BC104Diff
Entries 465602
1
0
-1
140676
210349
31773
2420
42
33878
36278
5275
204
5
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

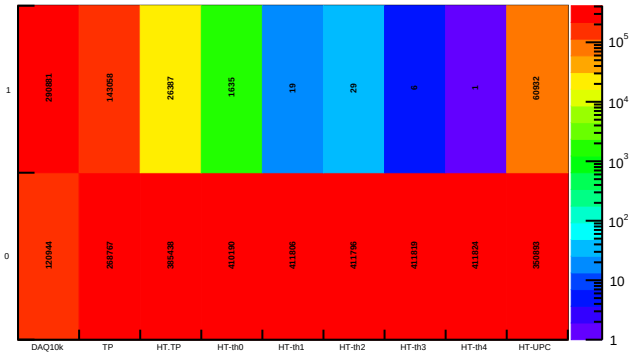
EM201-BC105 Entries 3706425



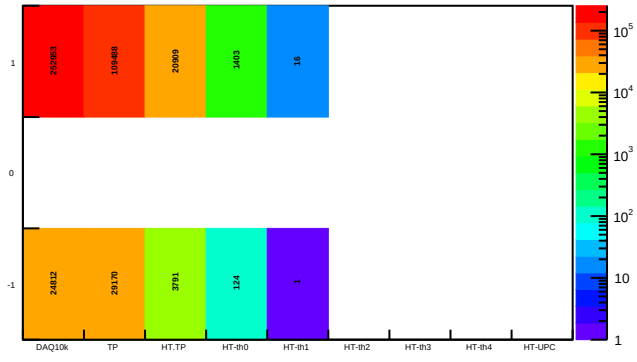
EM201-BC105Diff Entries 446182



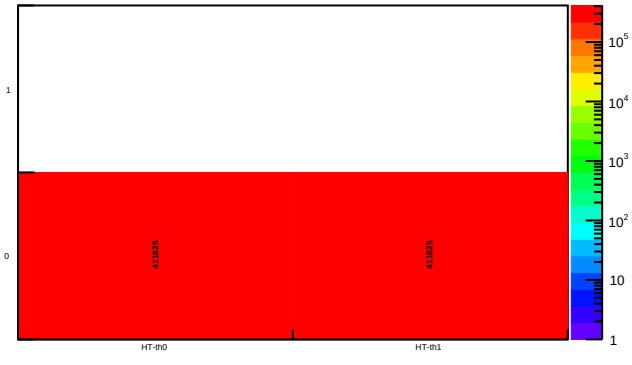
EM201-BC106 Entries 3706425



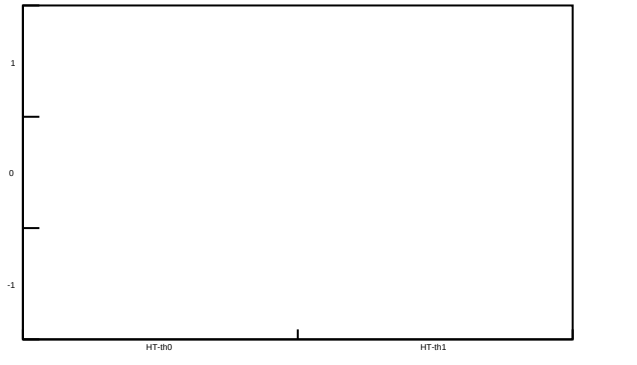
EM201-BC106Diff Entries 442667



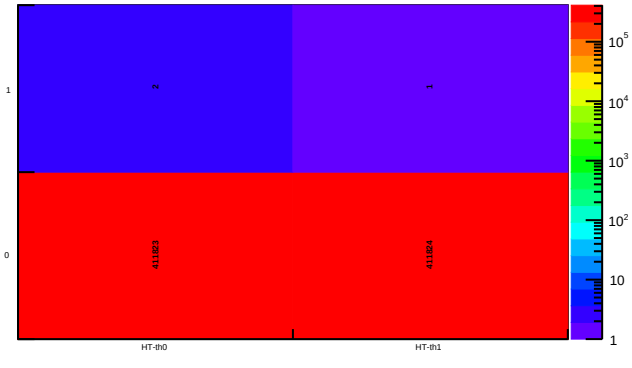
EM201-EE101 Entries 823650



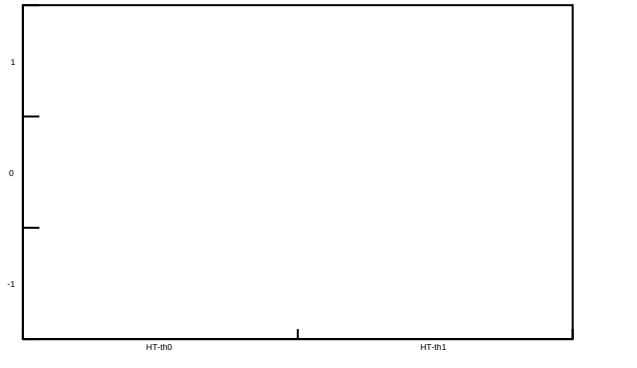
EM201-EE101Diff Entries 0

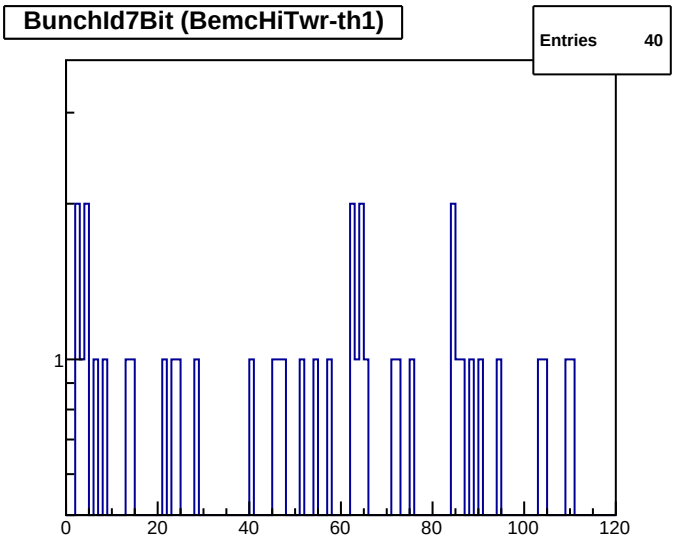


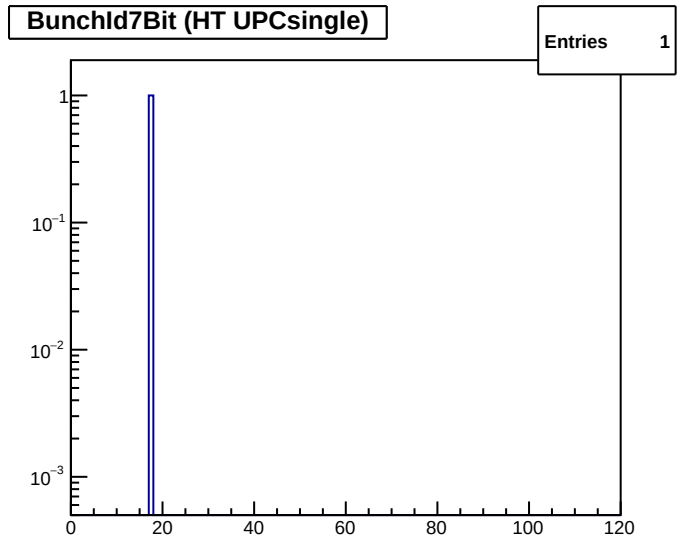
EM201-EE102 Entries 823650

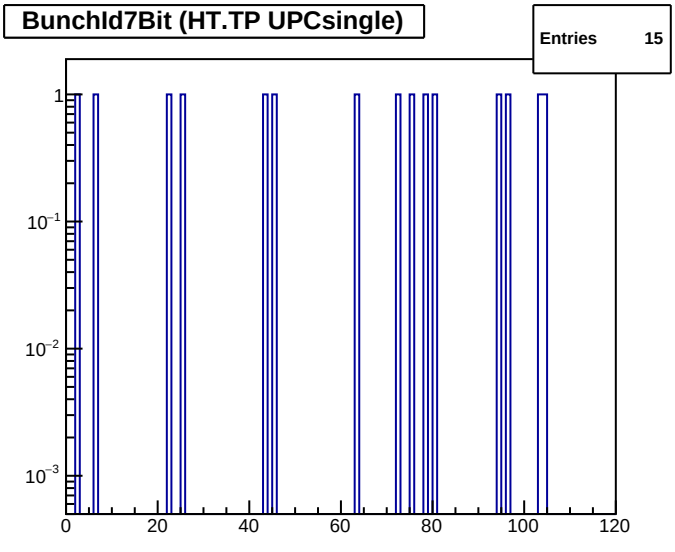


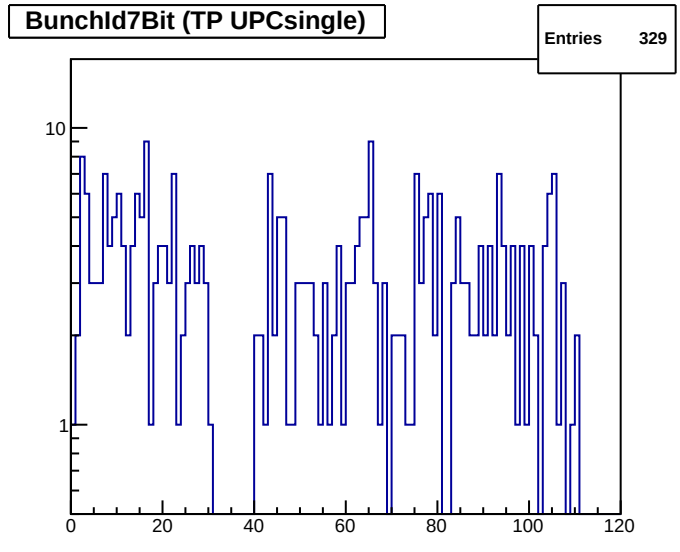
EM201-EE102Diff Entries 0

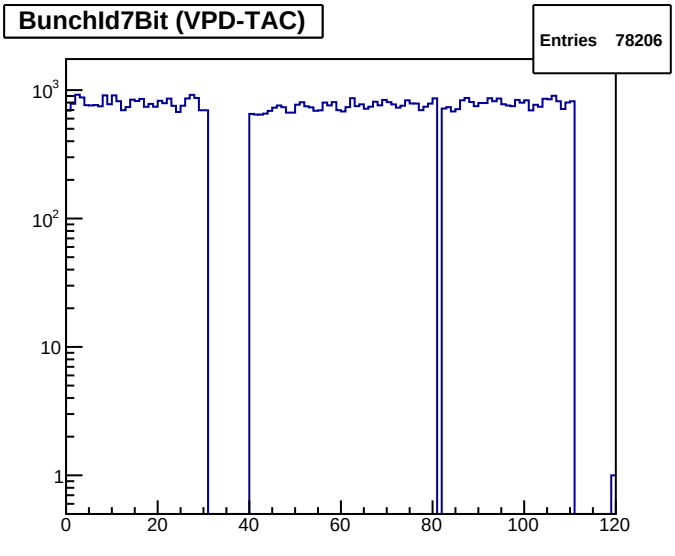


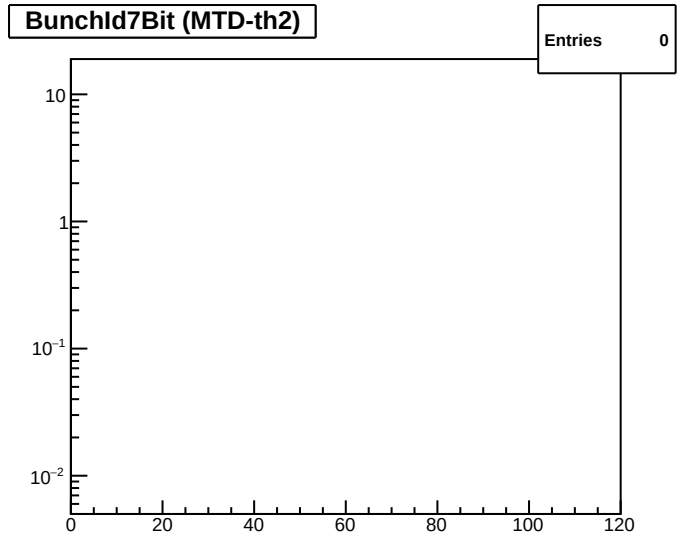

BunchId7Bit (BemcHiTwr-th1)
Entries 40

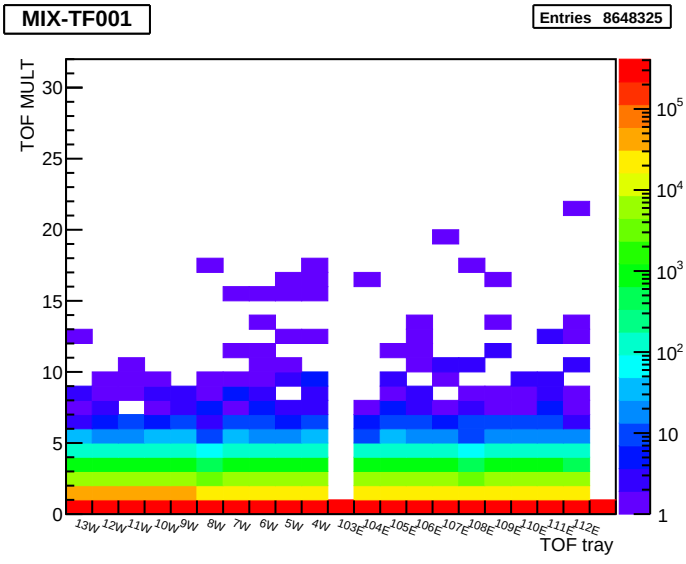

BunchId7Bit (HT UPCsingle)
Entries 1

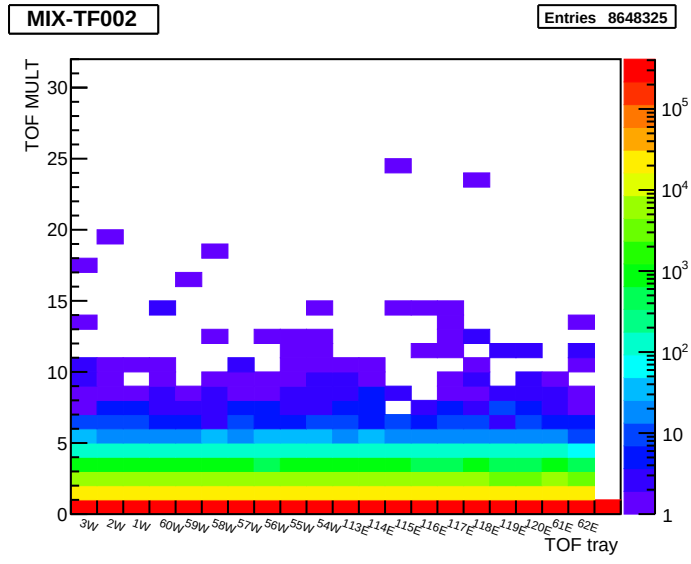

BunchId7Bit (HT.TP UPCsingle)
Entries 15

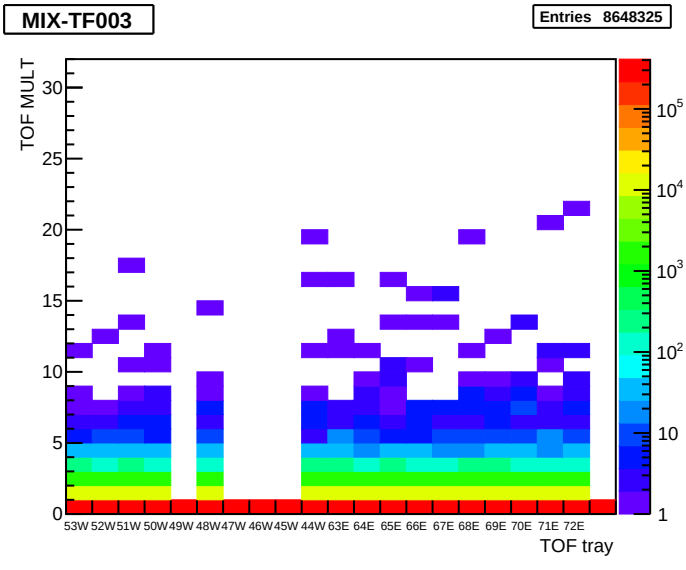

BunchId7Bit (TP UPCsingle)
Entries 329

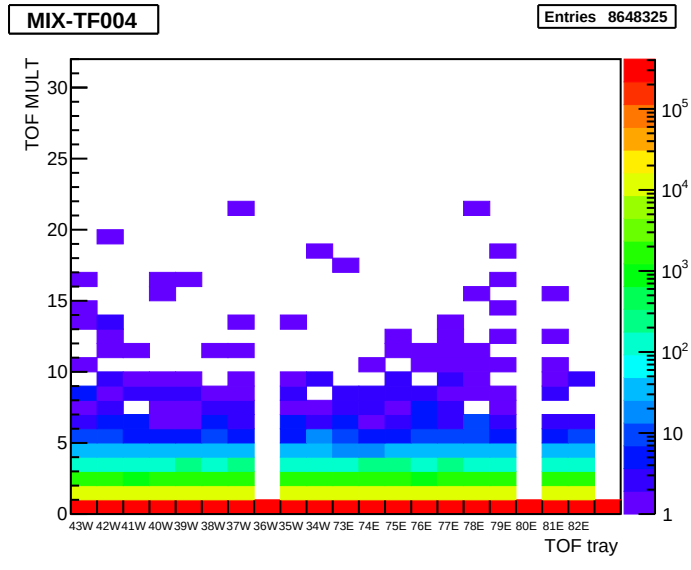

BunchId7Bit (VPD-TAC)
Entries 78206

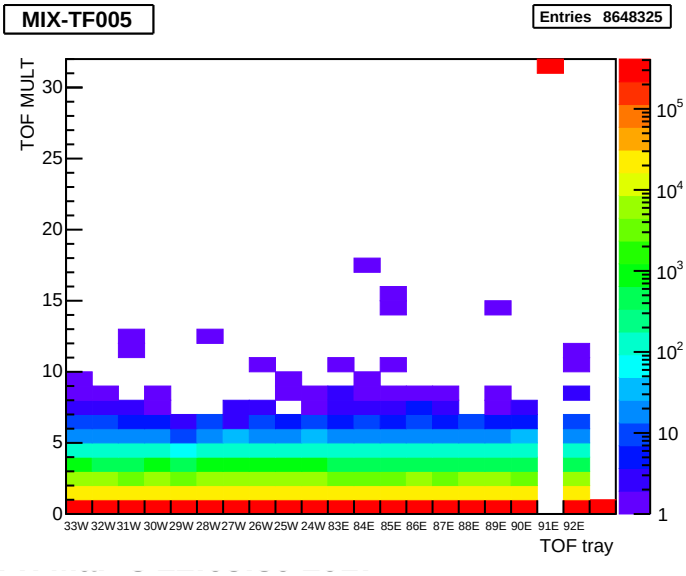

BunchId7Bit (MTD-th2)
Entries 0

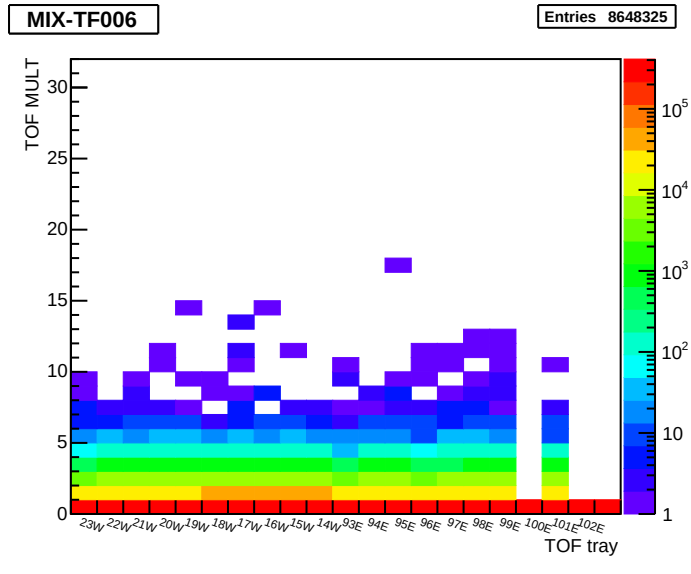

MIX-TF001
Entries 8648325
TOF MULT
TOF tray

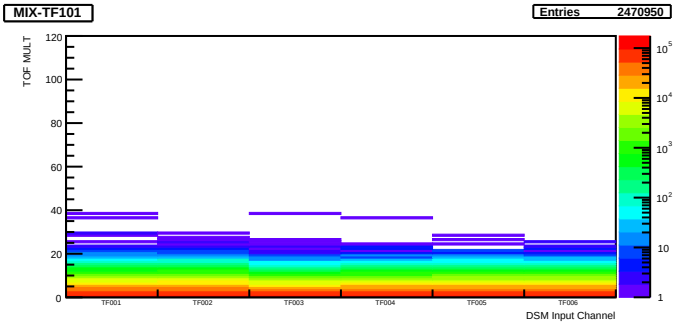

MIX-TF002
Entries 8648325
TOF MULT
TOF tray

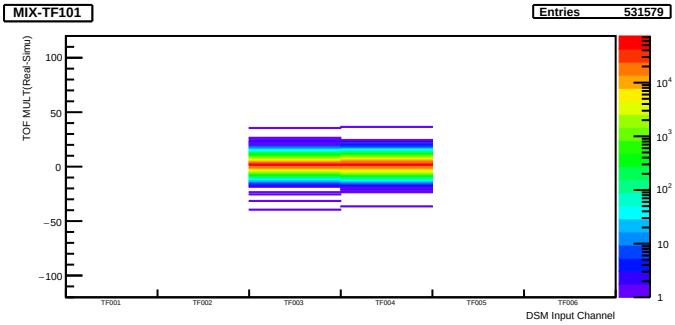

MIX-TF003
Entries 8648325
TOF MULT
TOF tray

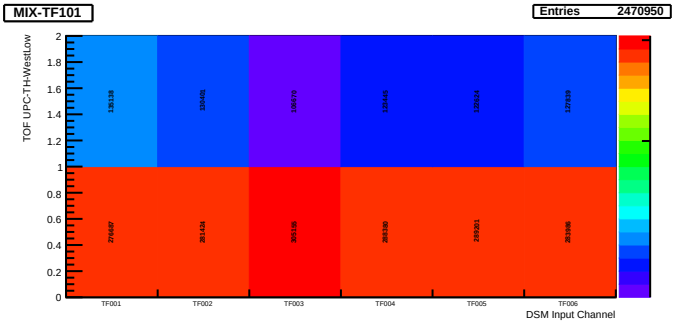

MIX-TF004
Entries 8648325
TOF MULT
TOF tray

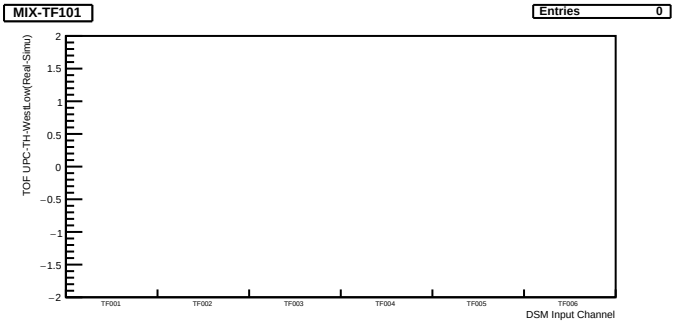

MIX-TF005
Entries 8648325
TOF MULT
TOF tray

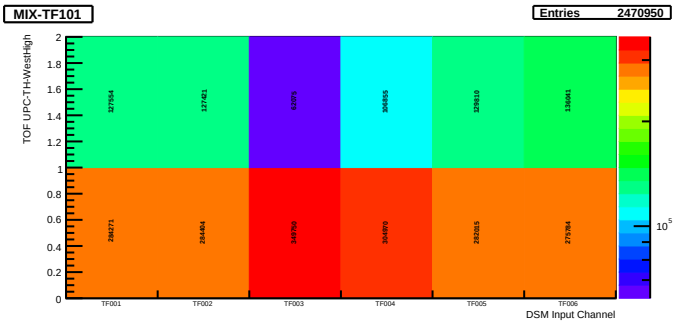

MIX-TF006
Entries 8648325
TOF MULT
TOF tray

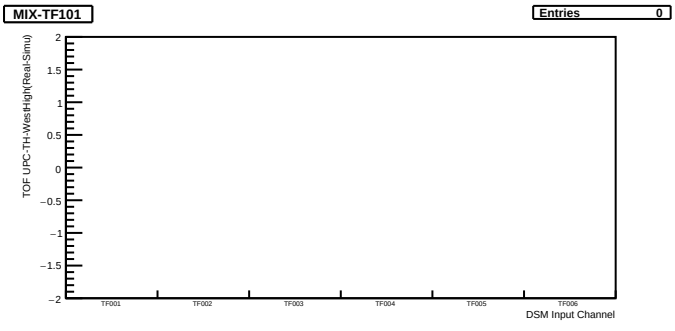

MIX-TF101
Entries 2470950
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

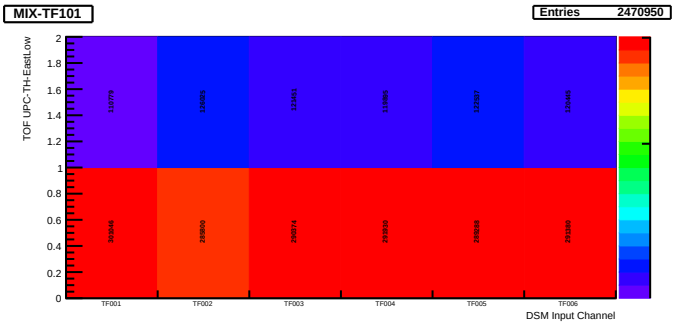

MIX-TF101
Entries 531579
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

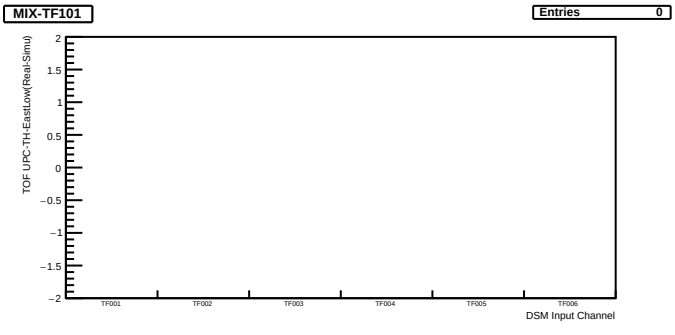

MIX-TF101
Entries 2470950
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

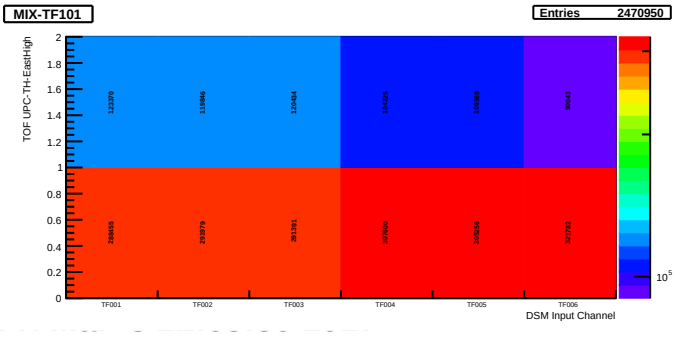

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

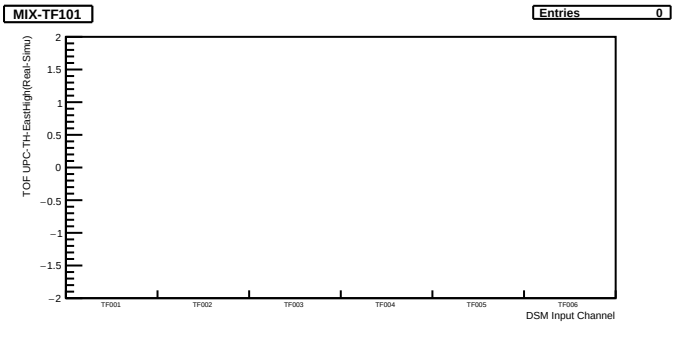

MIX-TF101
Entries 2470950
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

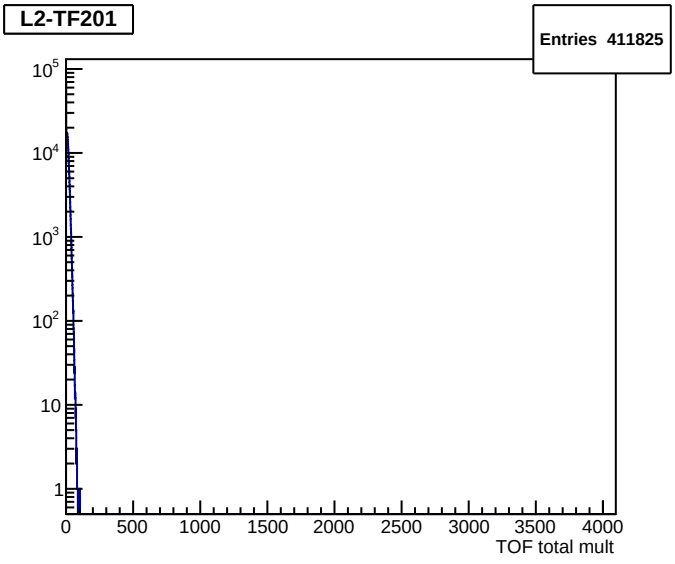

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

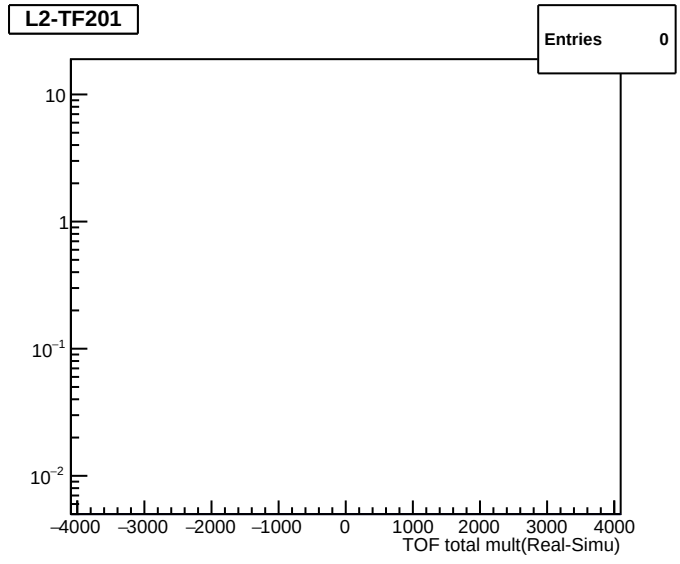

MIX-TF101
Entries 2470950
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

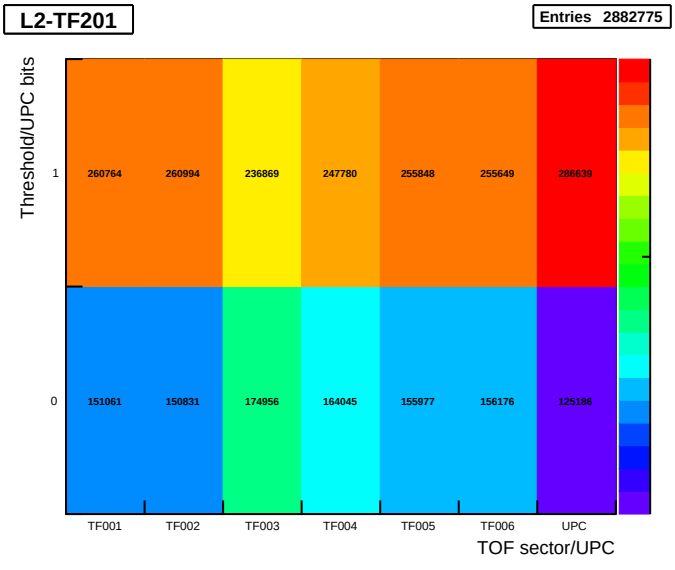

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

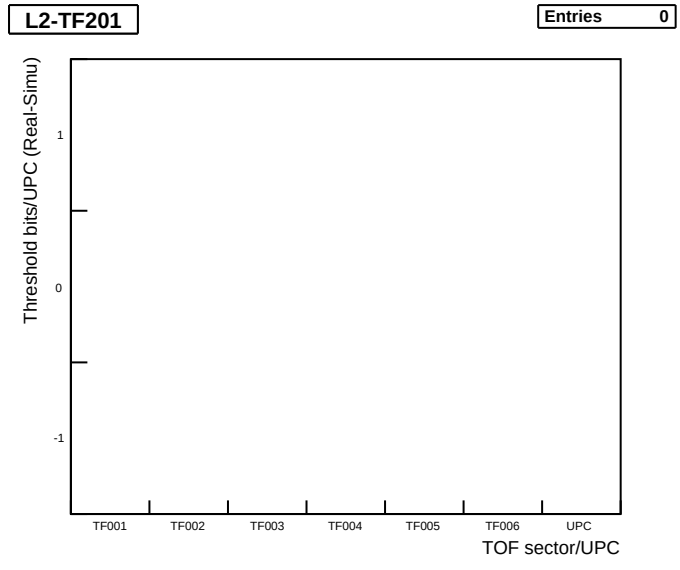

MIX-TF101
Entries 2470950
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

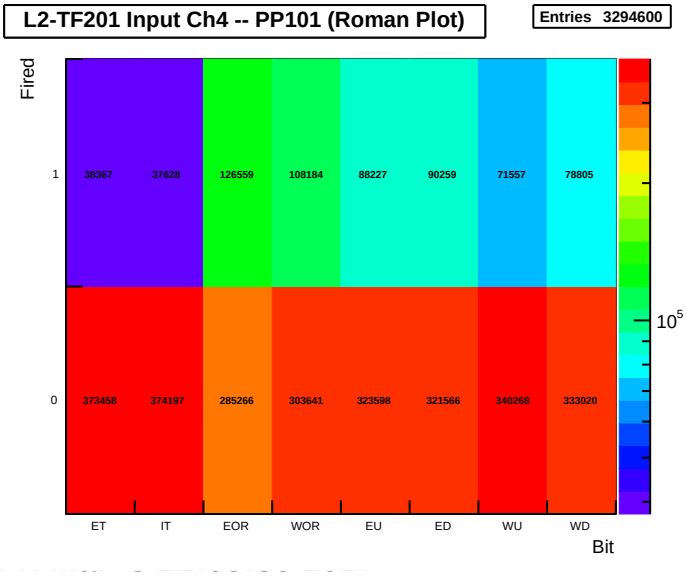

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

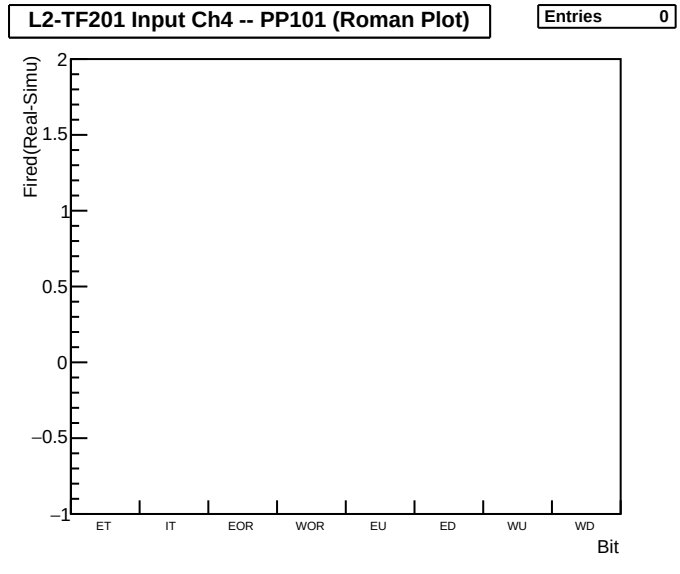

L2-TF201
Entries 411825
TOF total mult

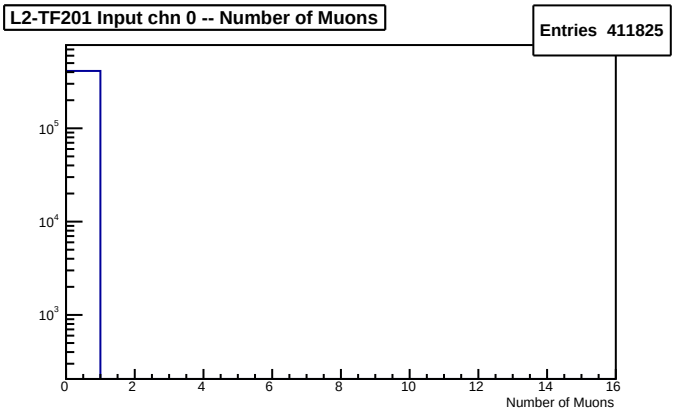

L2-TF201
Entries 0
TOF total mult(Real-Simu)

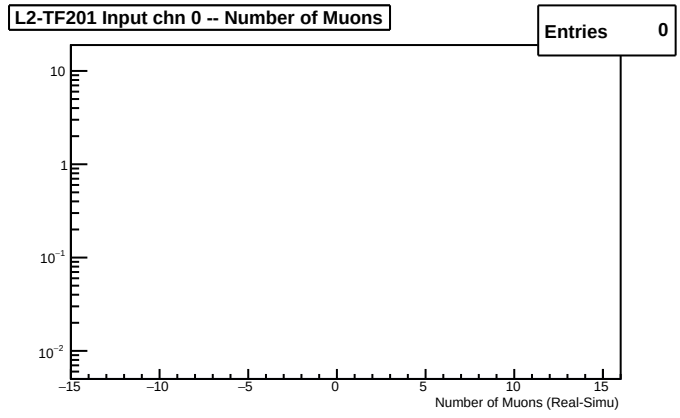

L2-TF201
Entries 2882775
Threshold/UPC bits
260764
260994
236869
247780
255848
255649
286639
151061
150831
174956
164045
155977
156176
125186
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

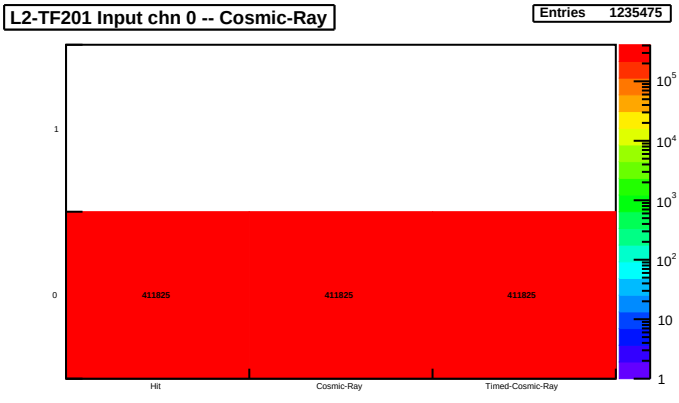

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

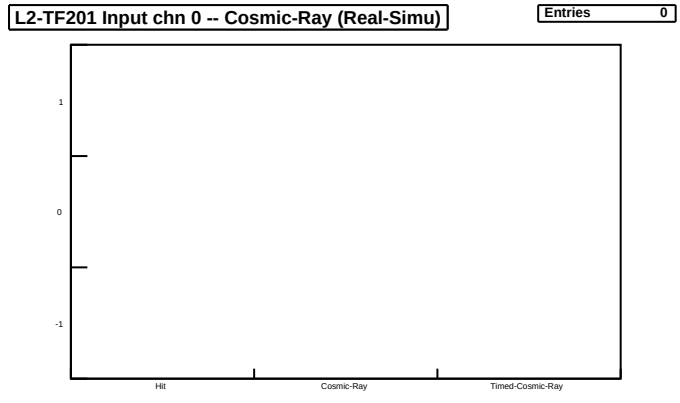

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3294600
Fired
38367
37628
126559
108184
88227
90259
71557
78805
373458
374197
285266
303641
323598
321566
340268
333020
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

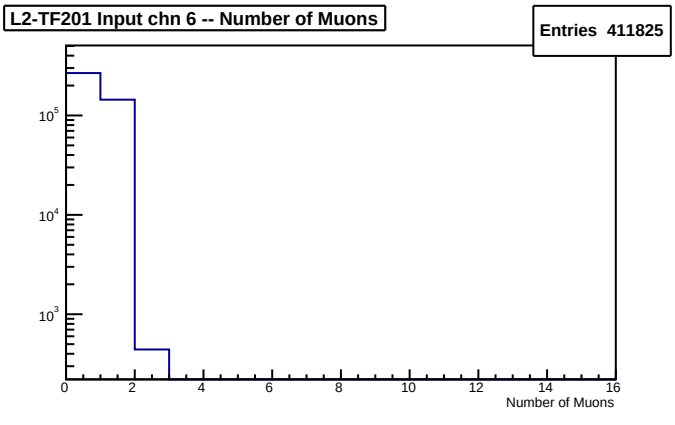

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

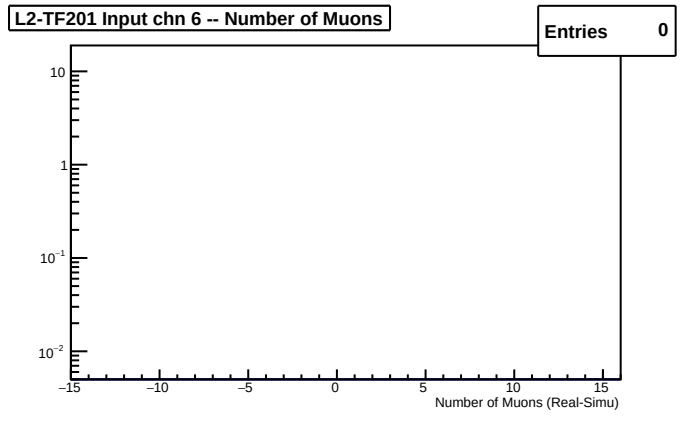

L2-TF201 Input chn 0 -- Number of Muons
Entries 411825
Number of Muons

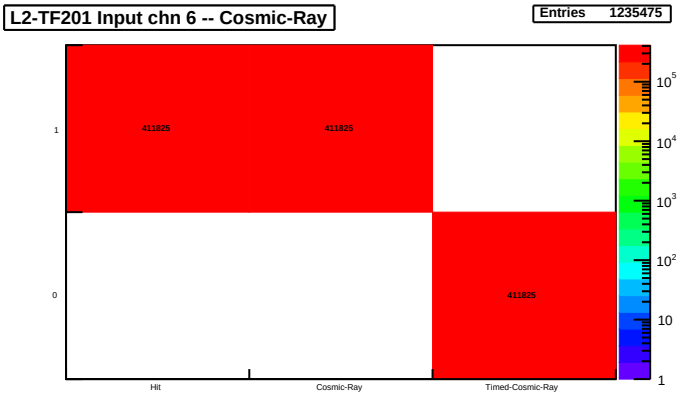

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

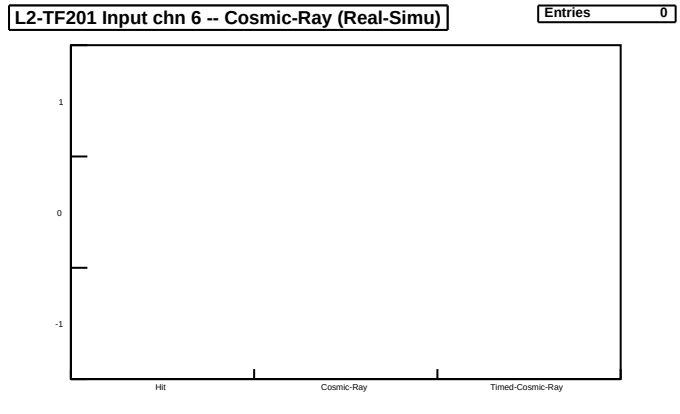

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1235475
411825
411825
411825
Hit
Cosmic-Ray
Timed-Cosmic-Ray

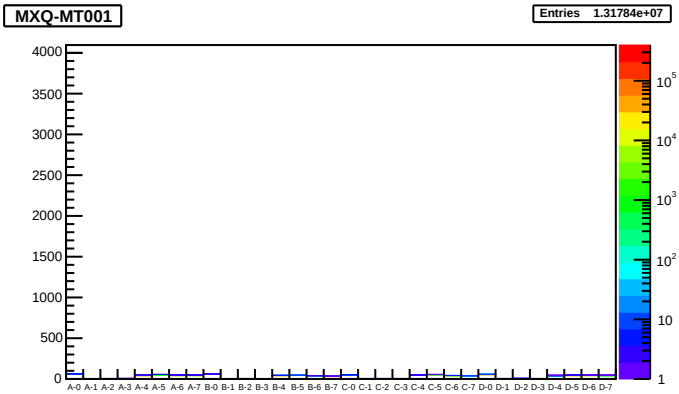

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

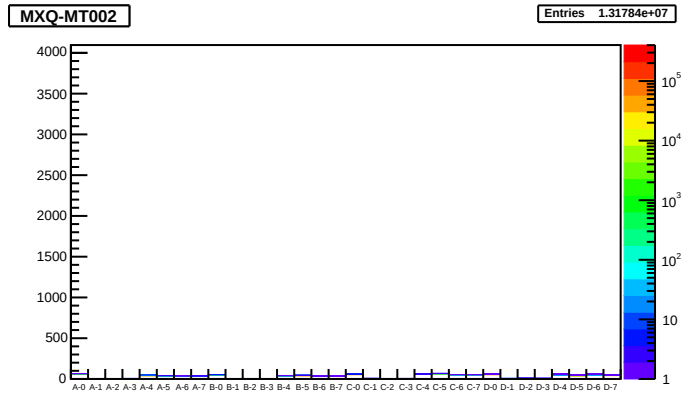

L2-TF201 Input chn 6 -- Number of Muons
Entries 411825
Number of Muons

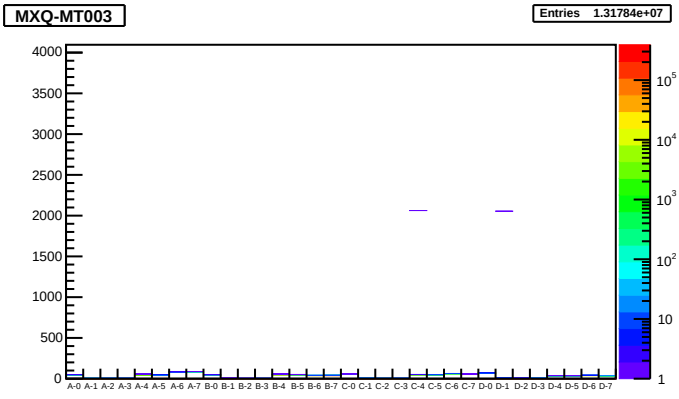

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

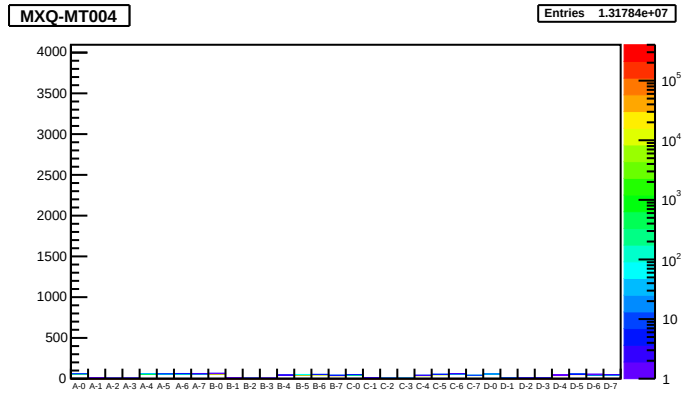

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1235475
411825
411825
411825
Hit
Cosmic-Ray
Timed-Cosmic-Ray

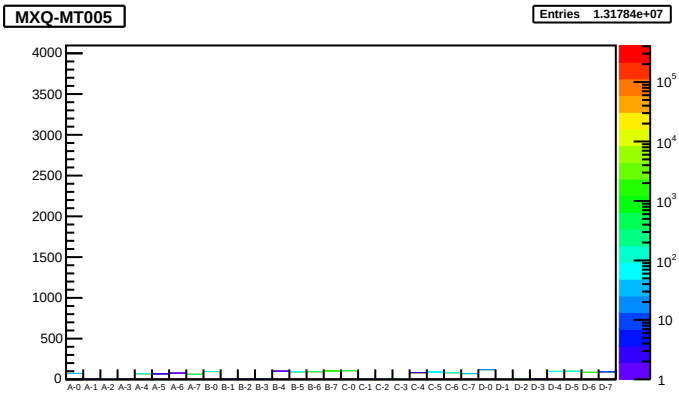

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

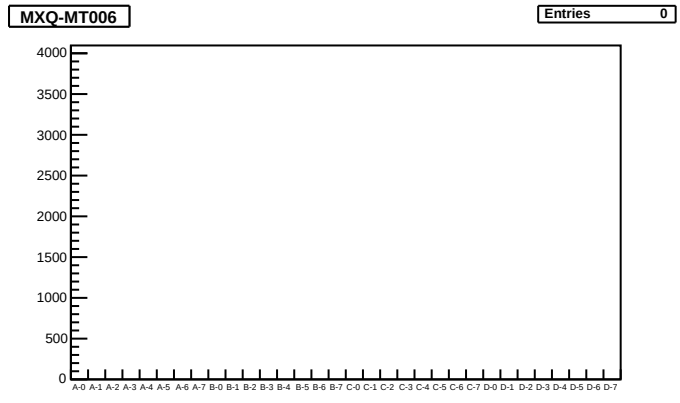

MXQ-MT001
Entries 1.31784e+07

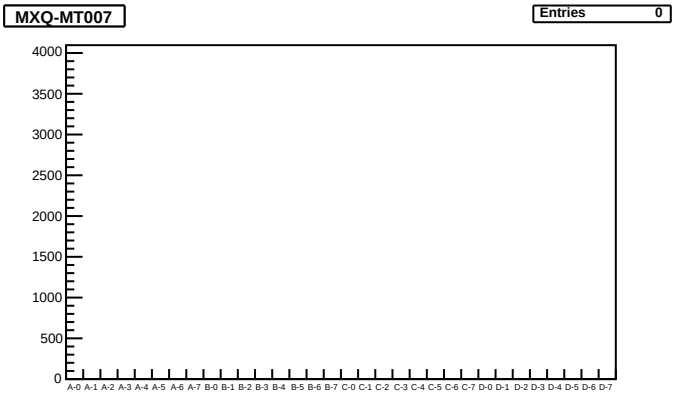

MXQ-MT002
Entries 1.31784e+07

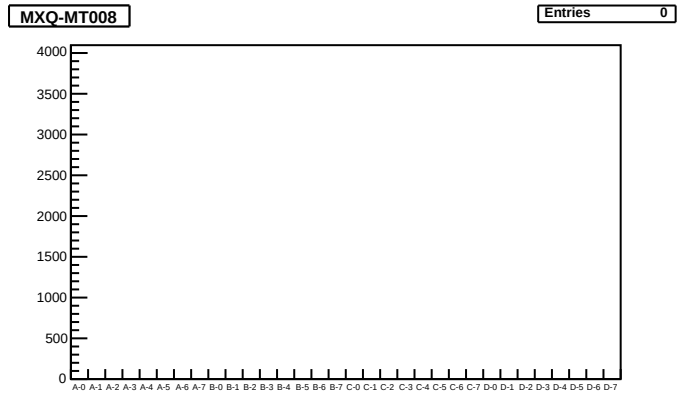

MXQ-MT003
Entries 1.31784e+07

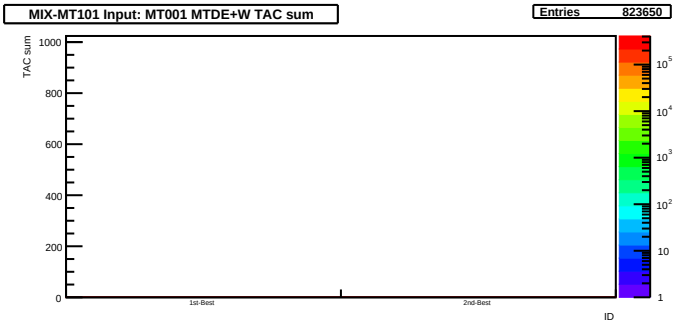

MXQ-MT004
Entries 1.31784e+07

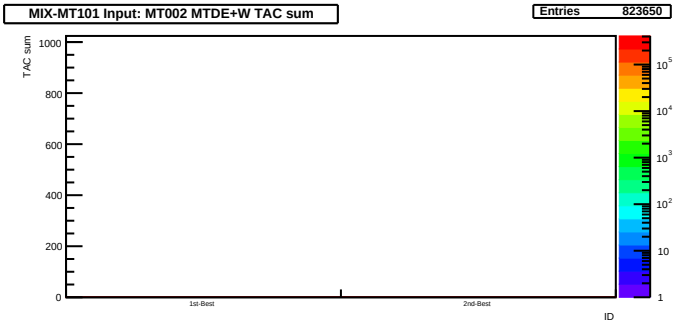

MXQ-MT005
Entries 1.31784e+07

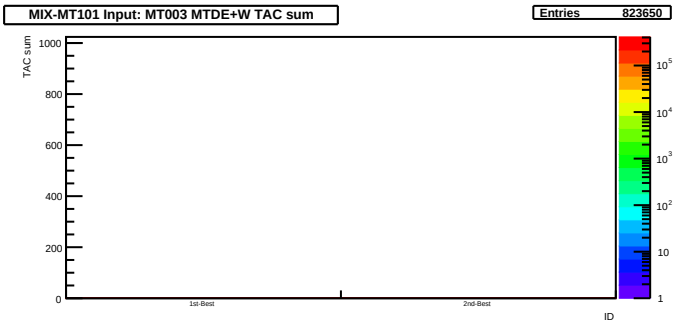

MXQ-MT006
Entries 0

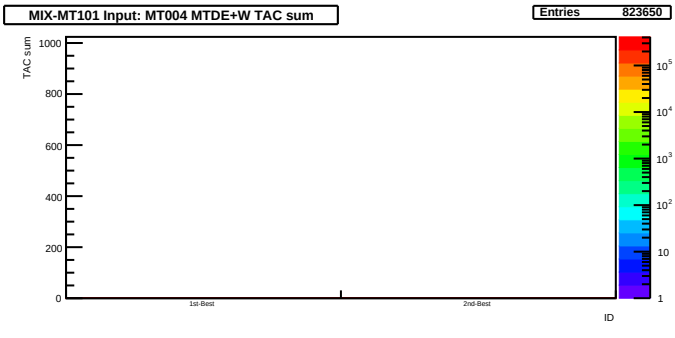

MXQ-MT007
Entries 0

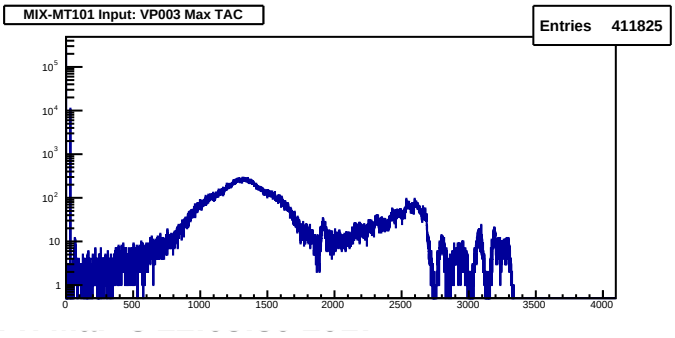

MXQ-MT008
Entries 0

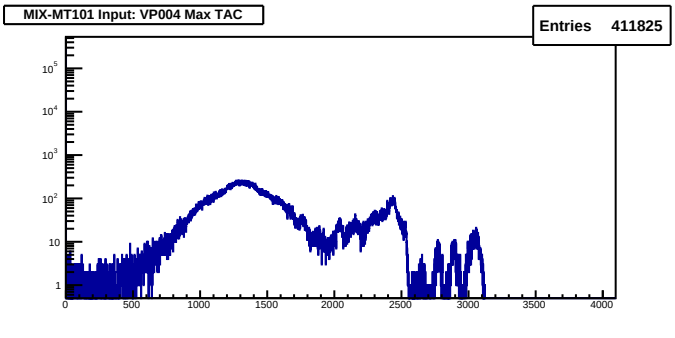

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 823650
TAC sum
1st-Best
2nd-Best
ID

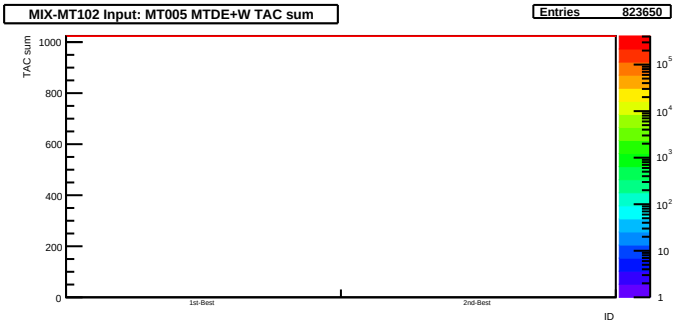

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 823650
TAC sum
1st-Best
2nd-Best
ID

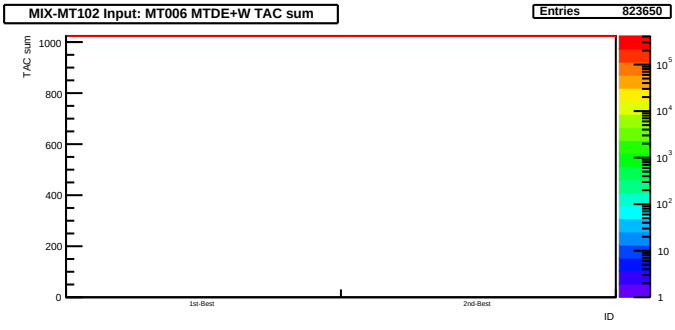

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 823650
TAC sum
1st-Best
2nd-Best
ID

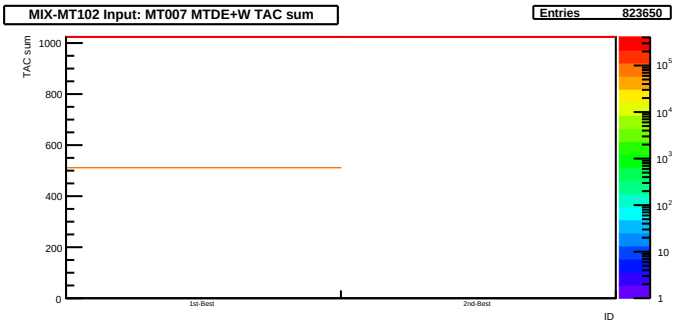

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 823650
TAC sum
1st-Best
2nd-Best
ID

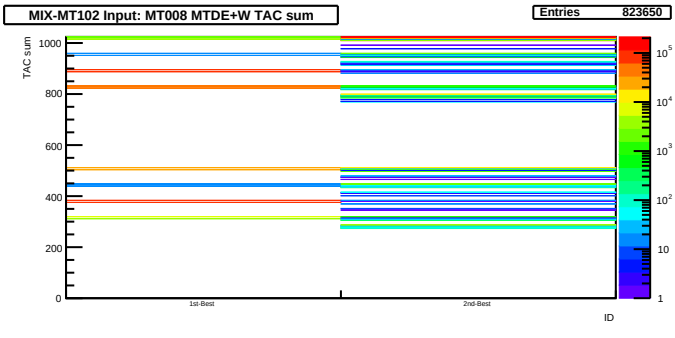

MIX-MT101 Input: VP003 Max TAC
Entries 411825

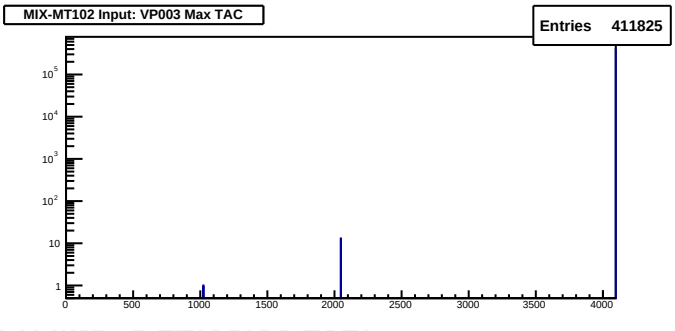

MIX-MT101 Input: VP004 Max TAC
Entries 411825

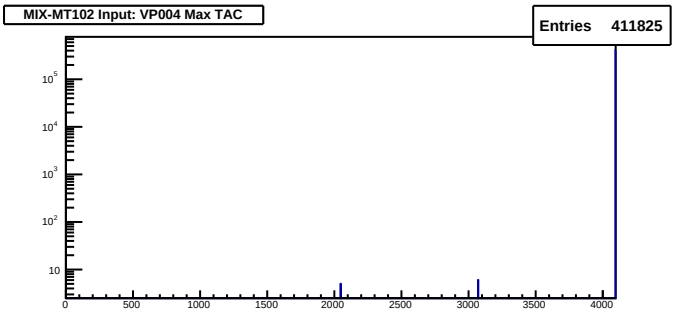

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 823650
TAC sum
1st-Best
2nd-Best
ID

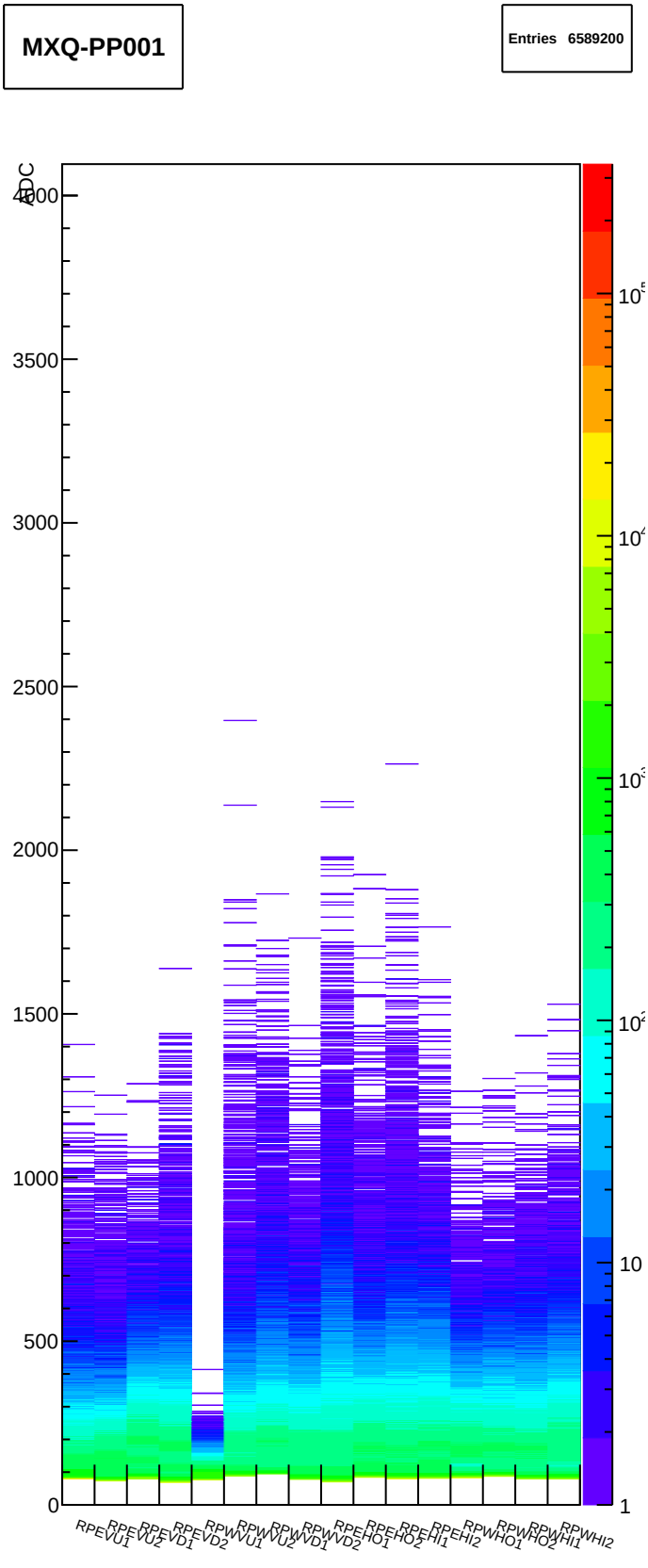

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 823650
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 823650
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 823650
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 411825


MIX-MT102 Input: VP004 Max TAC
Entries 411825


MXQ-PP001
Entries 6589200
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
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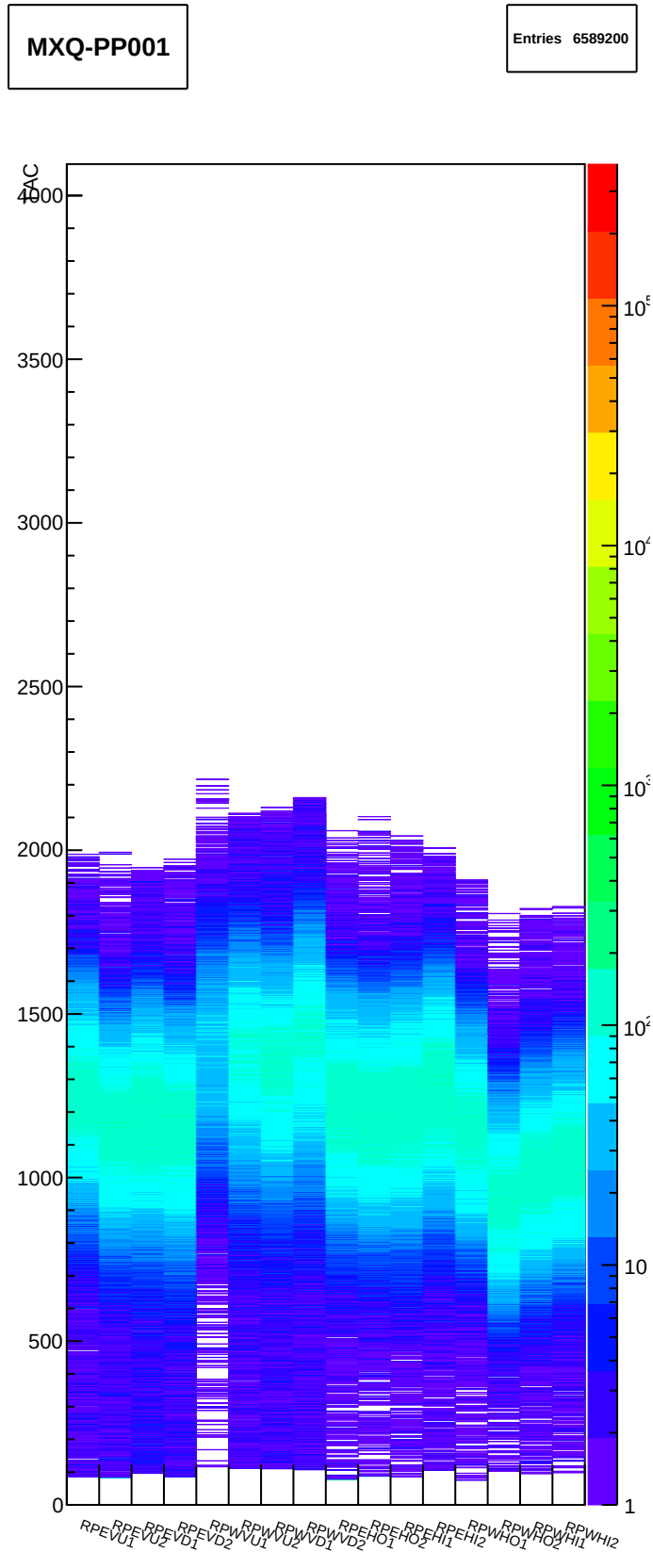
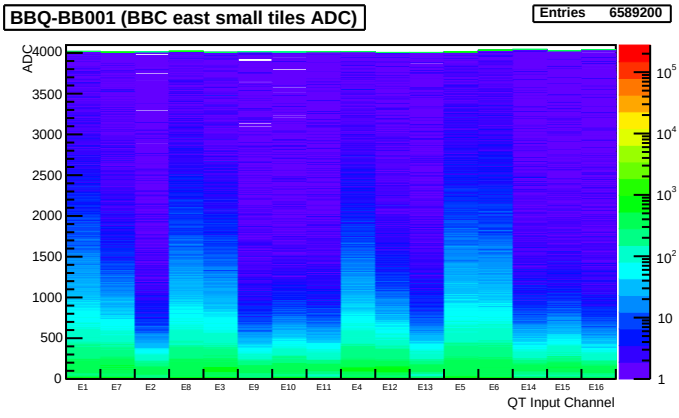
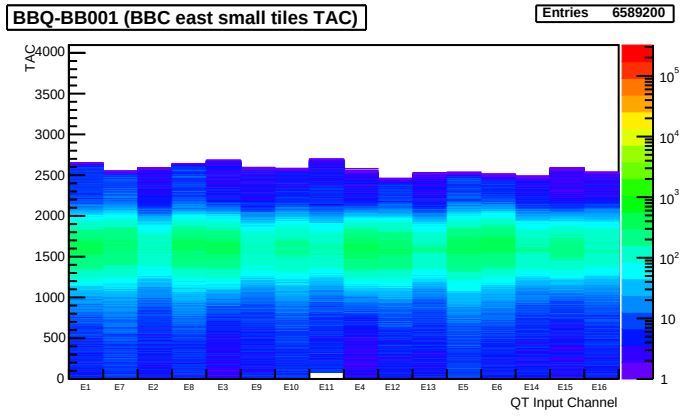
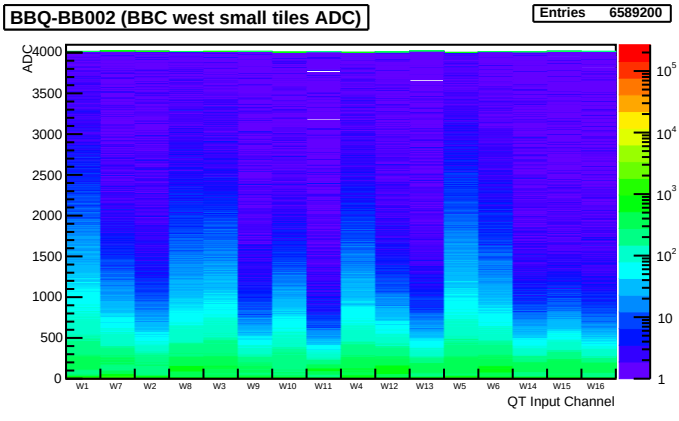
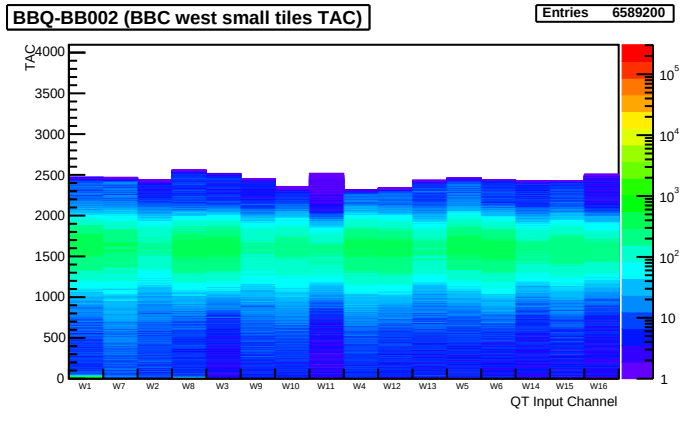
RPWHO2
RPWHI1
RPWHI2
10
1

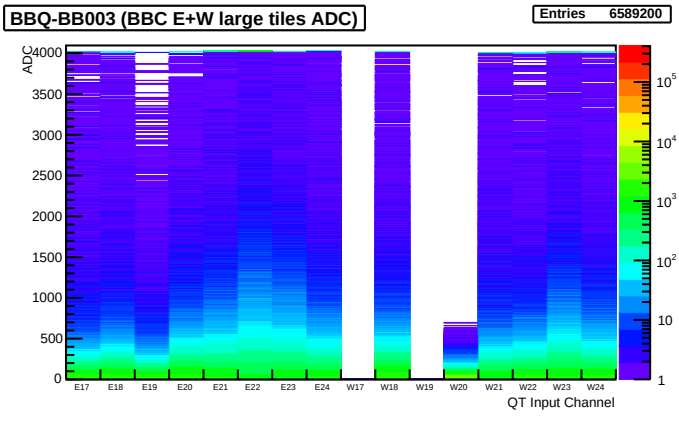

MXQ-PP001
Entries 6589200
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

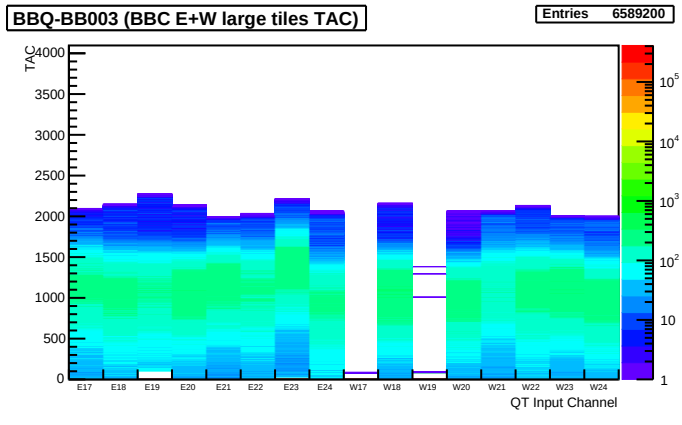

BBQ-BB001 (BBC east small tiles ADC)
Entries 6589200
ADC
QT Input Channel

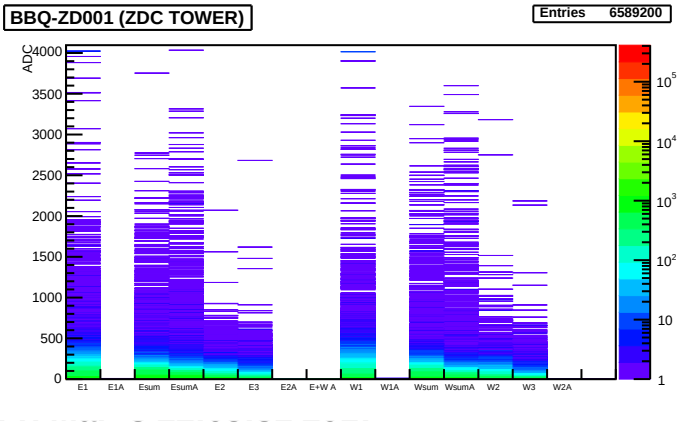

BBQ-BB001 (BBC east small tiles TAC)
Entries 6589200
TAC
QT Input Channel

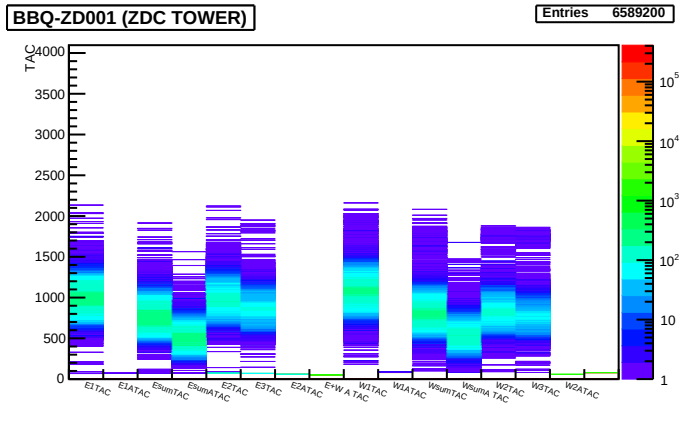

BBQ-BB002 (BBC west small tiles ADC)
Entries 6589200
ADC
QT Input Channel

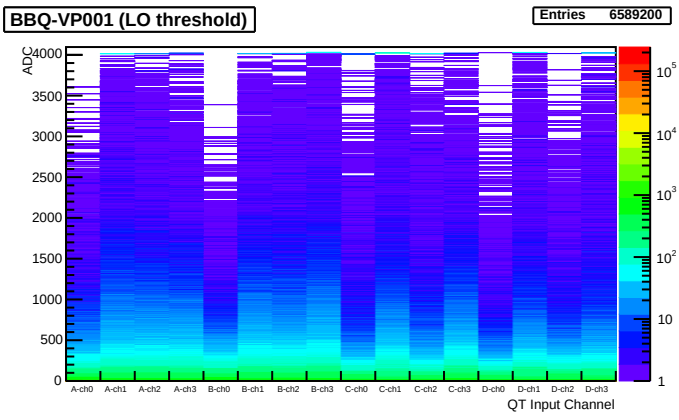

BBQ-BB002 (BBC west small tiles TAC)
Entries 6589200
TAC
QT Input Channel

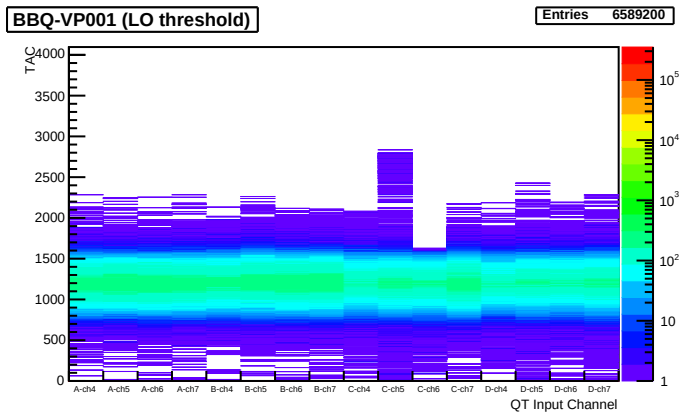

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 6589200
ADC
QT Input Channel

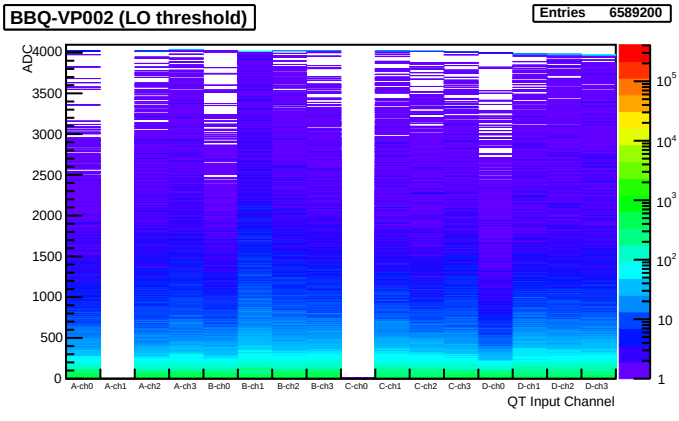

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 6589200
TAC
QT Input Channel

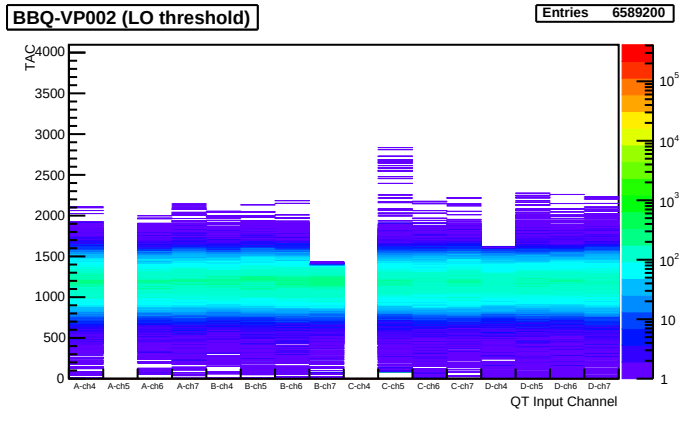

BBQ-ZD001 (ZDC TOWER)
Entries 6589200
ADC

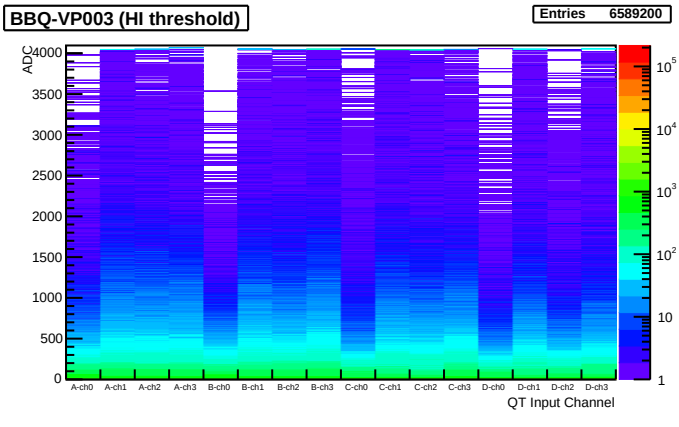

BBQ-ZD001 (ZDC TOWER)
Entries 6589200
TAC

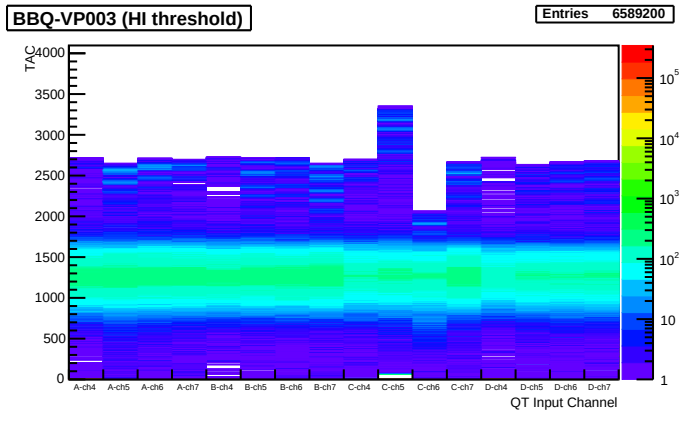

BBQ-VP001 (LO threshold)
Entries 6589200
ADC
QT Input Channel

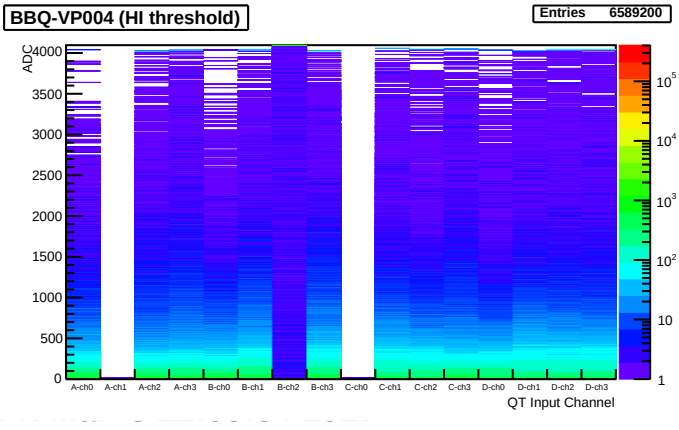

BBQ-VP001 (LO threshold)
Entries 6589200
TAC
QT Input Channel

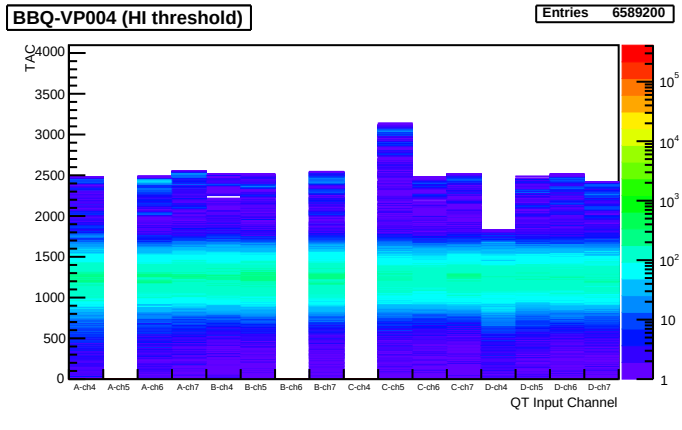

BBQ-VP002 (LO threshold)
Entries 6589200
ADC
QT Input Channel

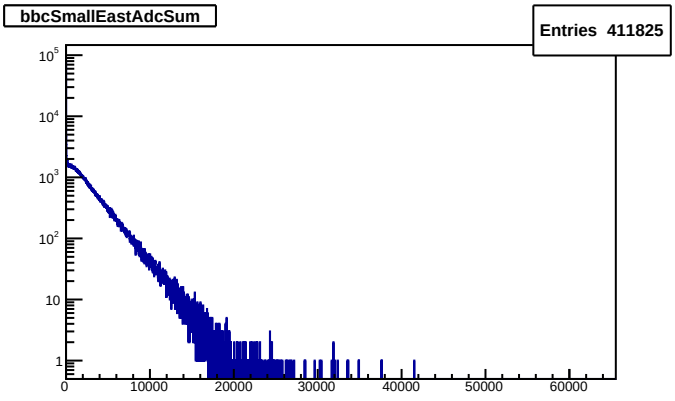

BBQ-VP002 (LO threshold)
Entries 6589200
TAC
QT Input Channel

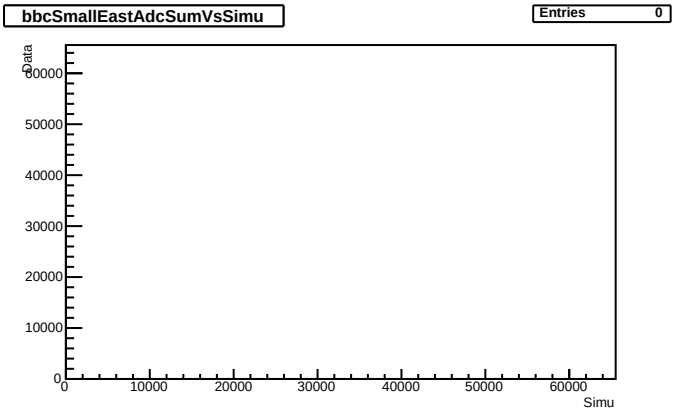

BBQ-VP003 (HI threshold)
Entries 6589200
ADC
QT Input Channel

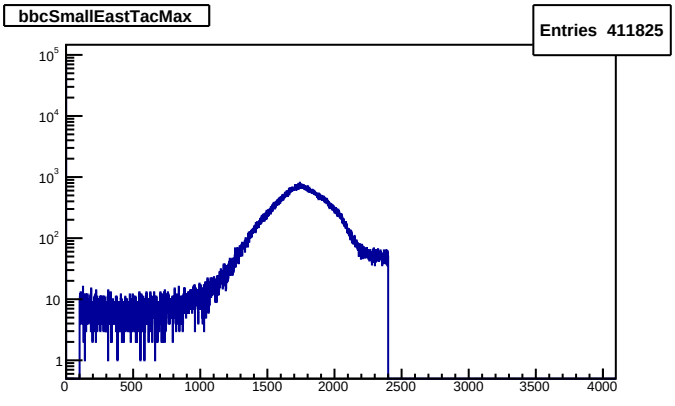

BBQ-VP003 (HI threshold)
Entries 6589200
TAC
QT Input Channel

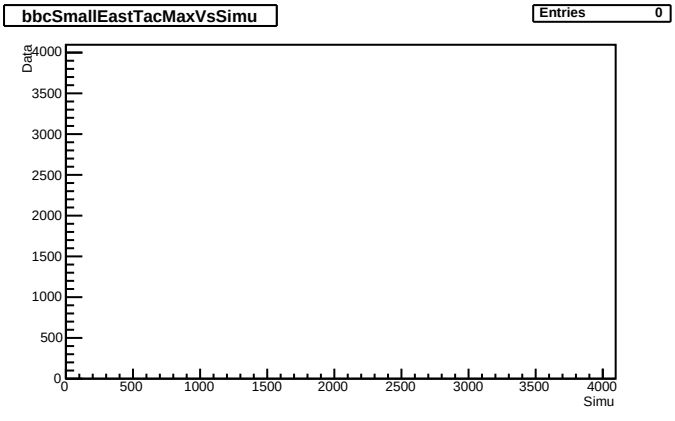

BBQ-VP004 (HI threshold)
Entries 6589200
ADC
QT Input Channel

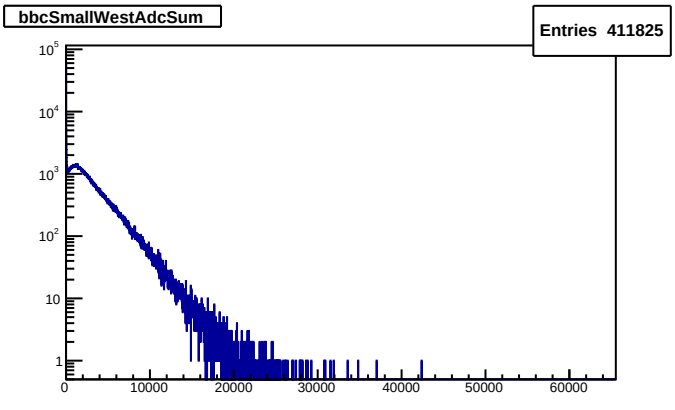

BBQ-VP004 (HI threshold)
Entries 6589200
TAC
QT Input Channel

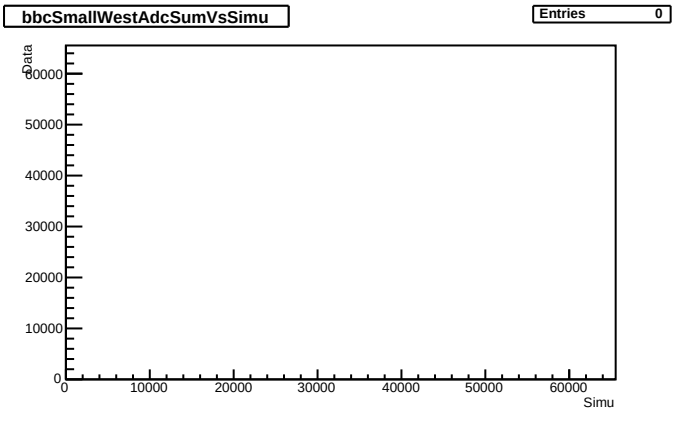

bbcSmallEastAdcSum
Entries 411825

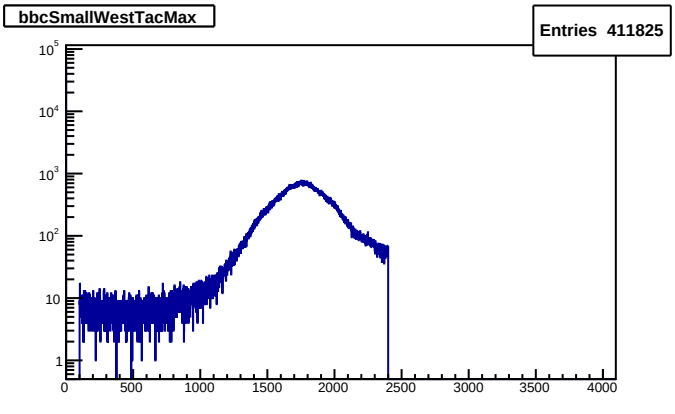

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

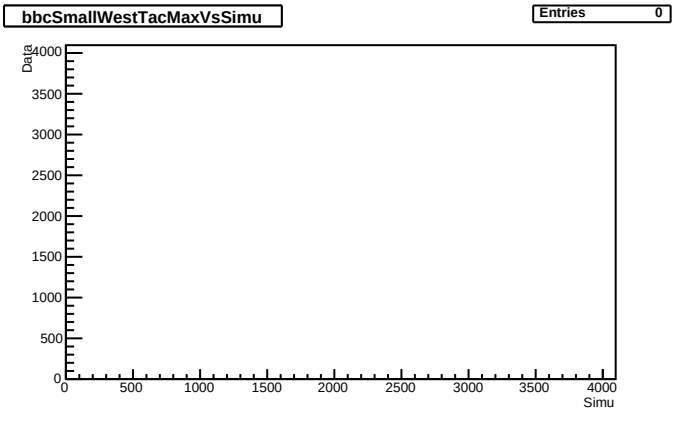

bbcSmallEastTacMax
Entries 411825

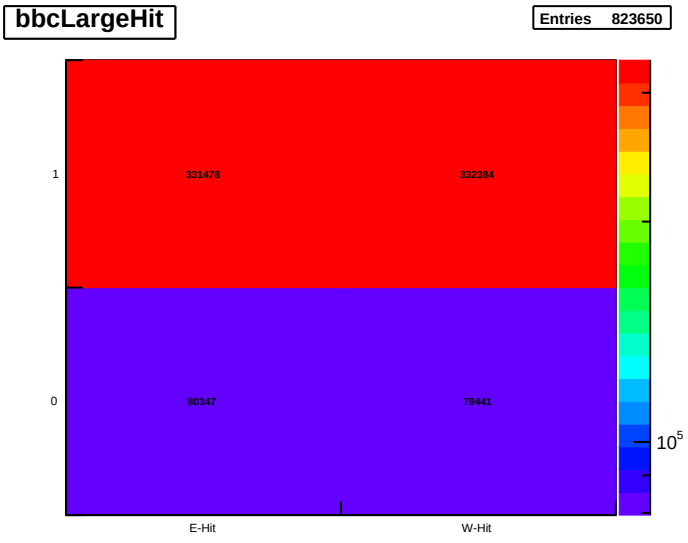

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

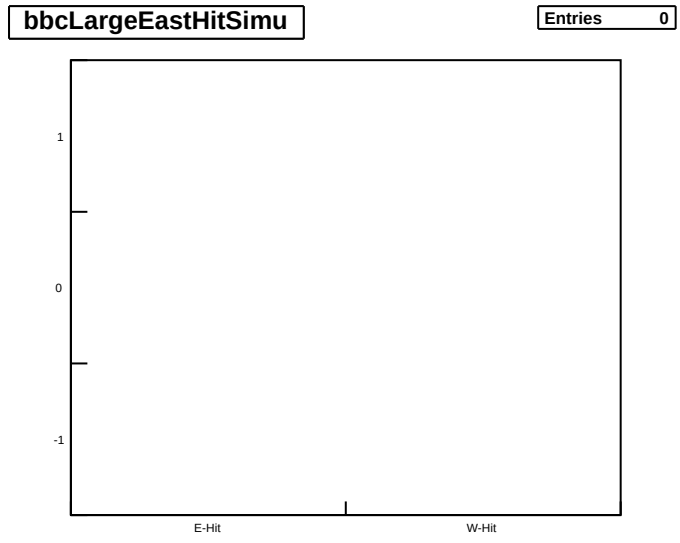

bbcSmallWestAdcSum
Entries 411825

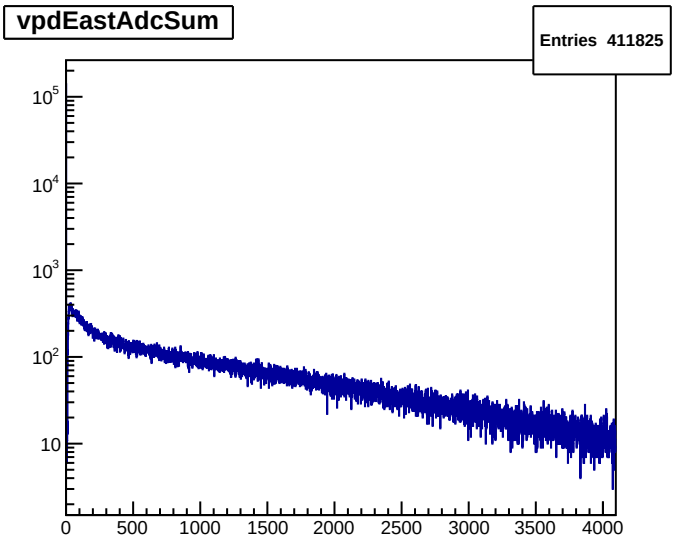

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

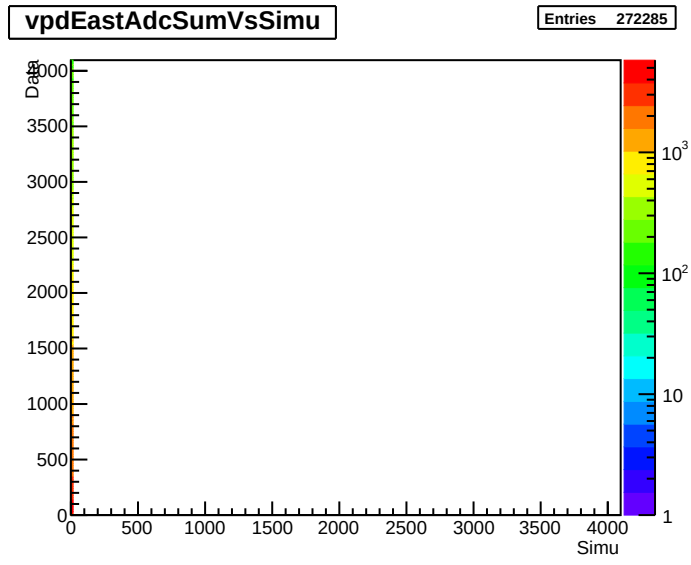

bbcSmallWestTacMax
Entries 411825

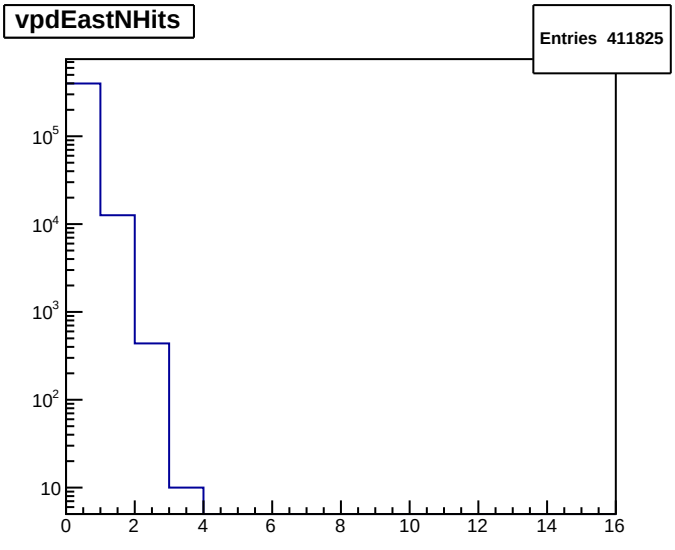

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

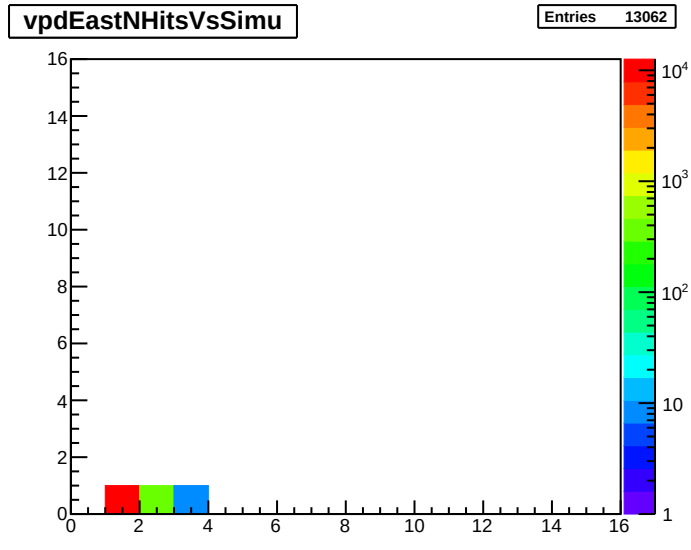

bbcLargeHit
Entries 823650
1
0
331478
332384
80347
79441
10^5
E-Hit
W-Hit

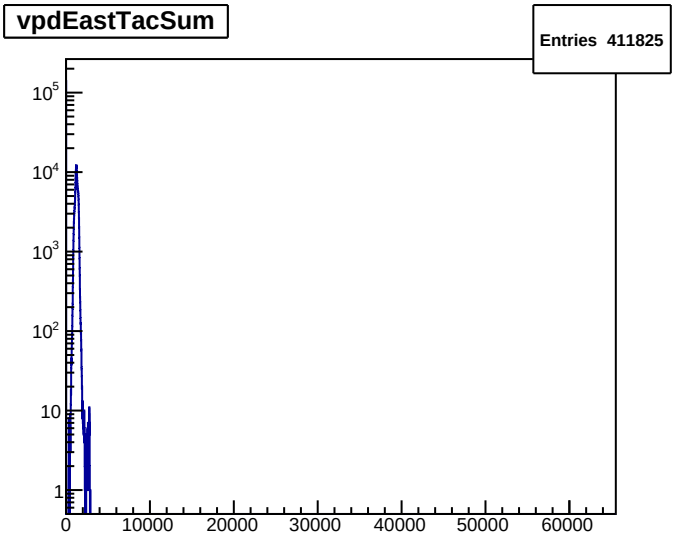

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

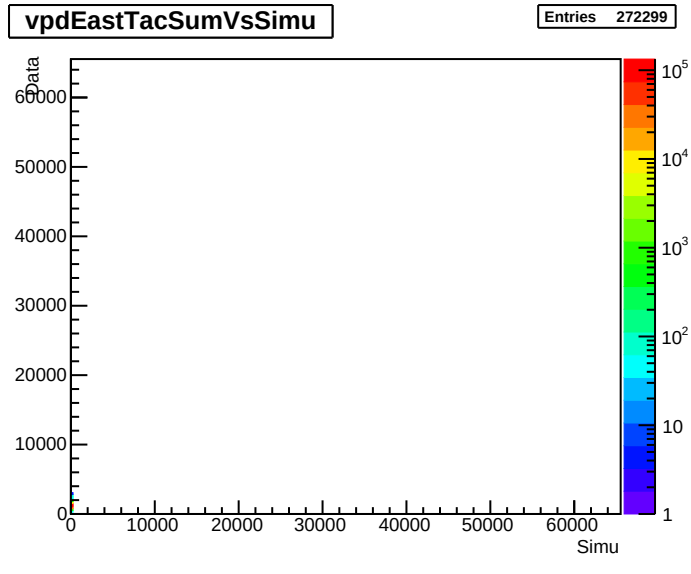

vpdEastAdcSum
Entries 411825

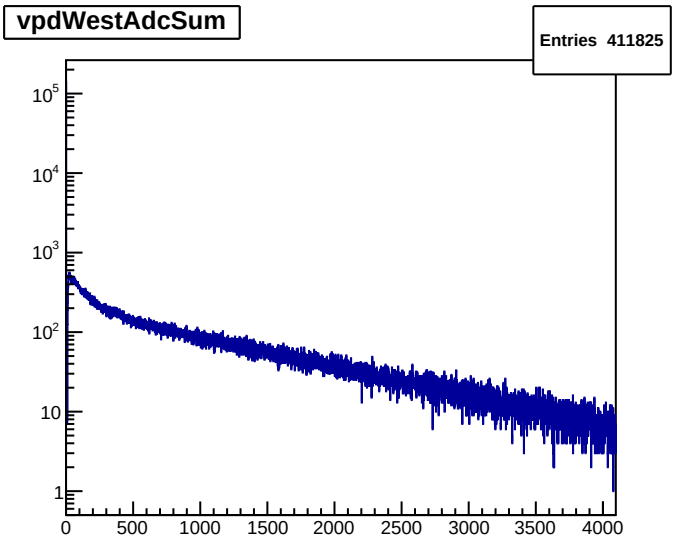

vpdEastAdcSumVsSimu
Entries 272285
Data
Simu

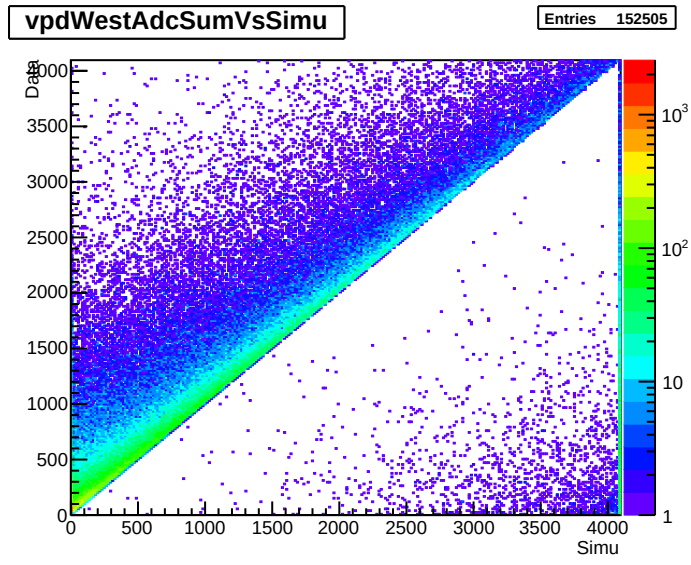

vpdEastNHits
Entries 411825

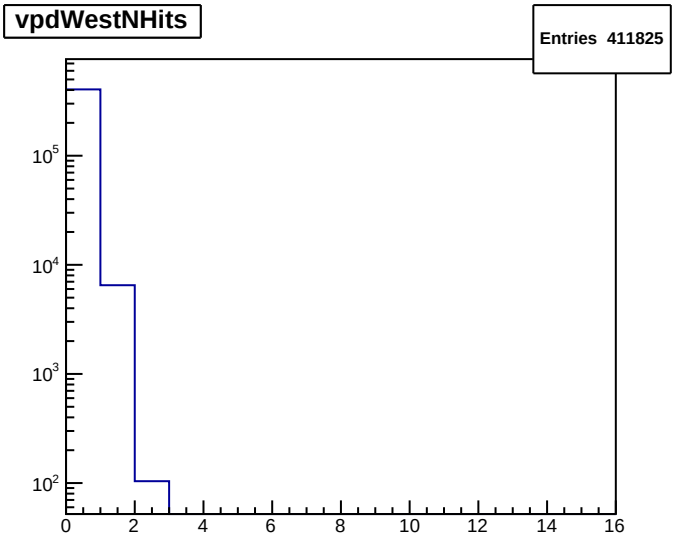

vpdEastNHitsVsSimu
Entries 13062

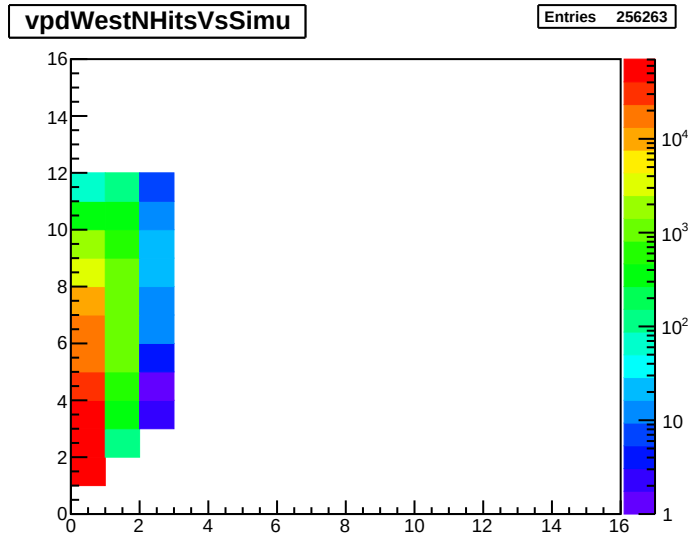

vpdEastTacSum
Entries 411825

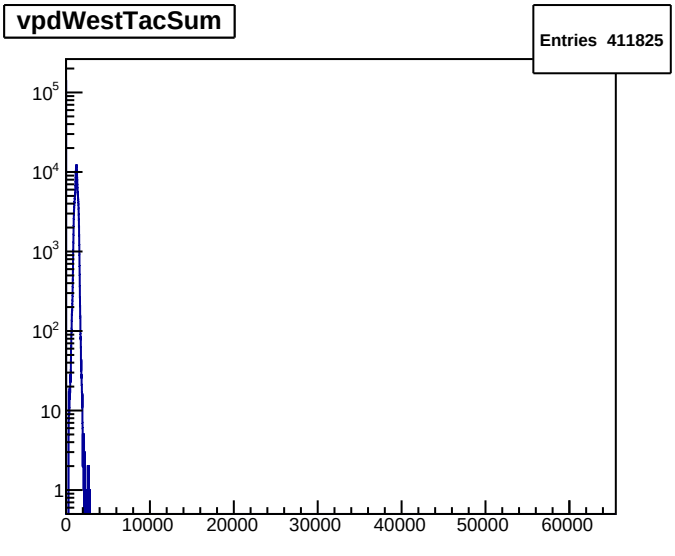

vpdEastTacSumVsSimu
Entries 272299
Data
Simu

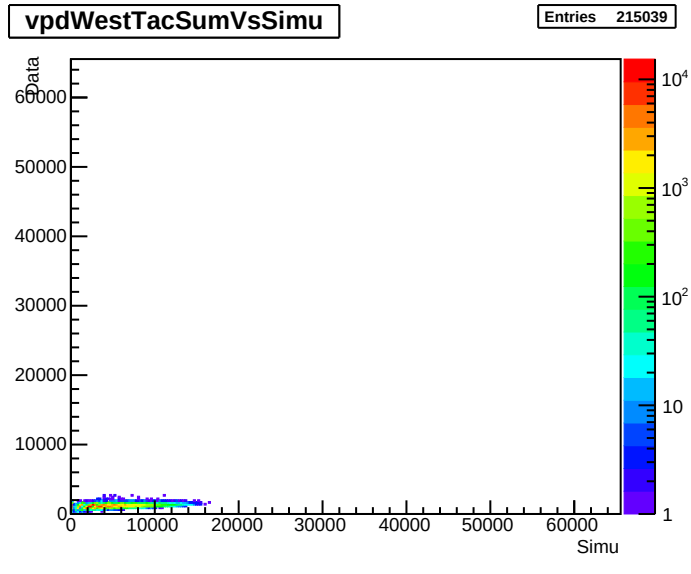

vpdWestAdcSum
Entries 411825

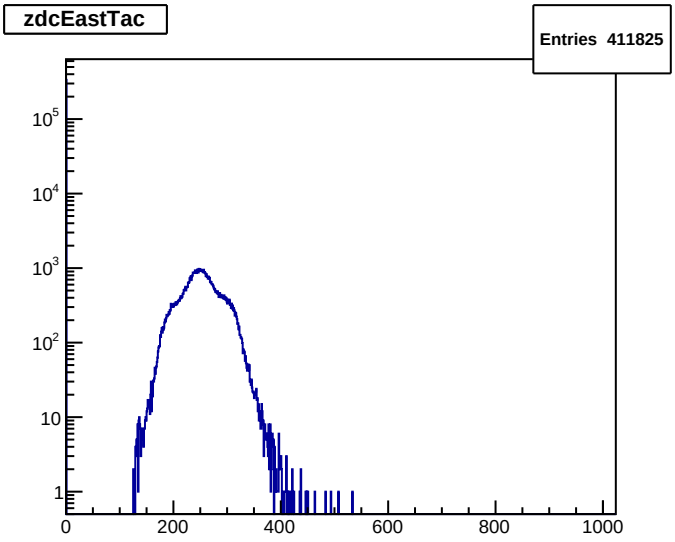

vpdWestAdcSumVsSimu
Entries 152505
Data
Simu

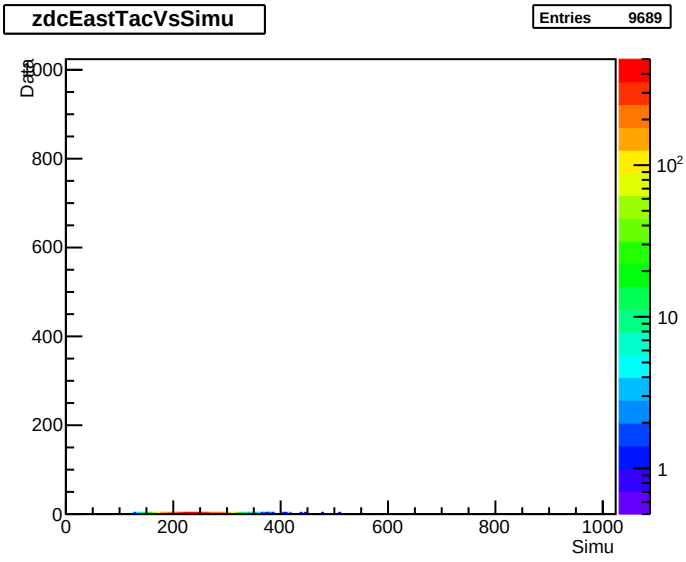

vpdWestNHits
Entries 411825

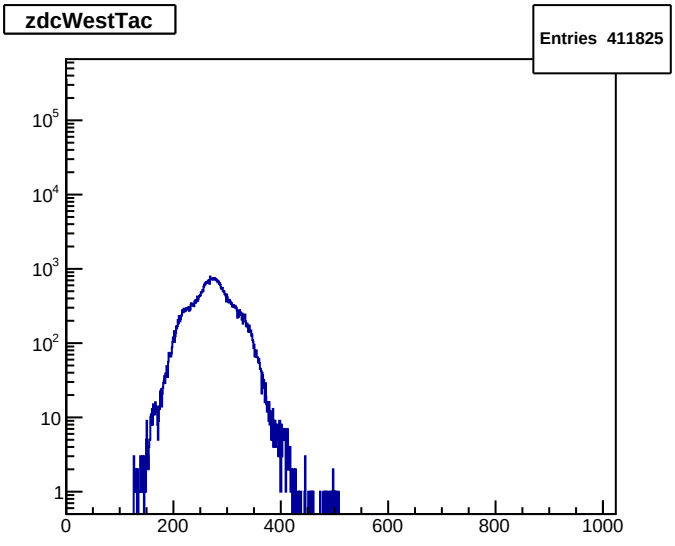

vpdWestNHitsVsSimu
Entries 256263

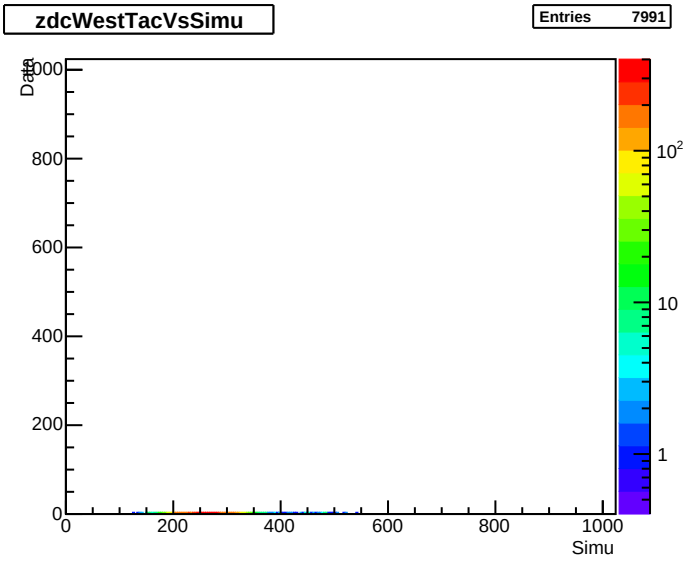

vpdWestTacSum
Entries 411825

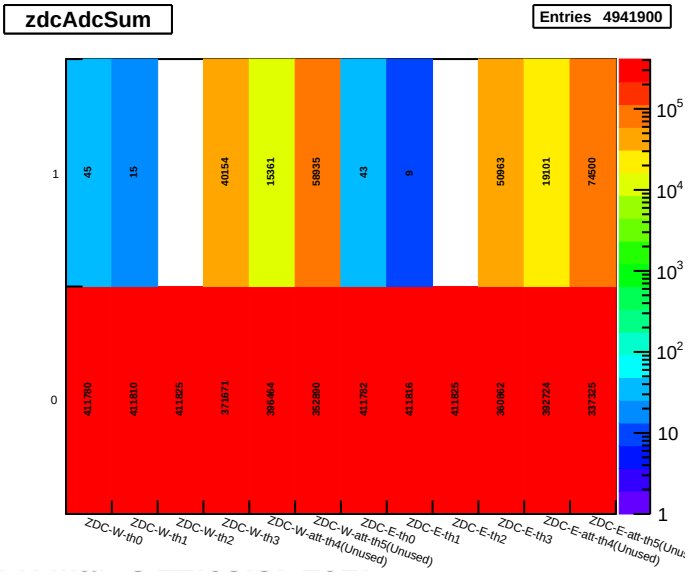

vpdWestTacSumVsSimu
Entries 215039
Data
Simu

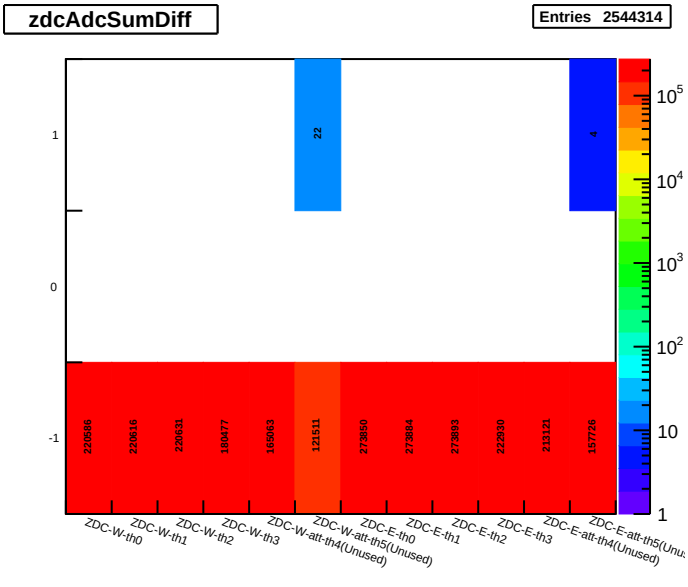

zdcEastTac
Entries 411825

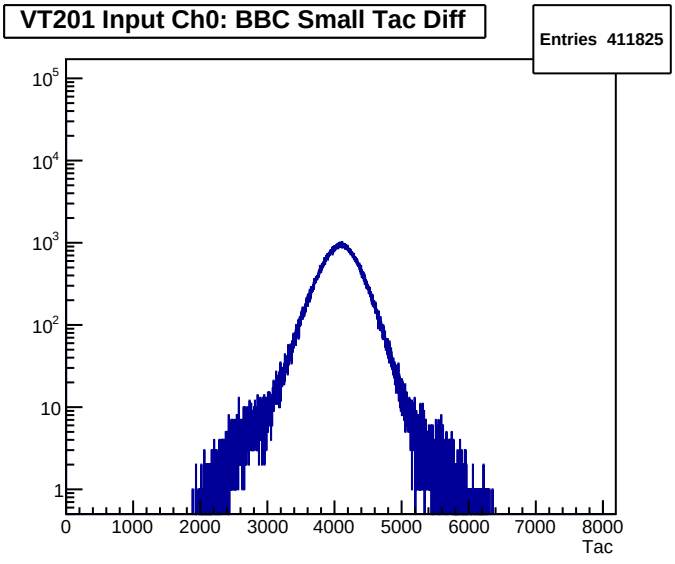

zdcEastTacVsSimu
Entries 9689
Data
Simu

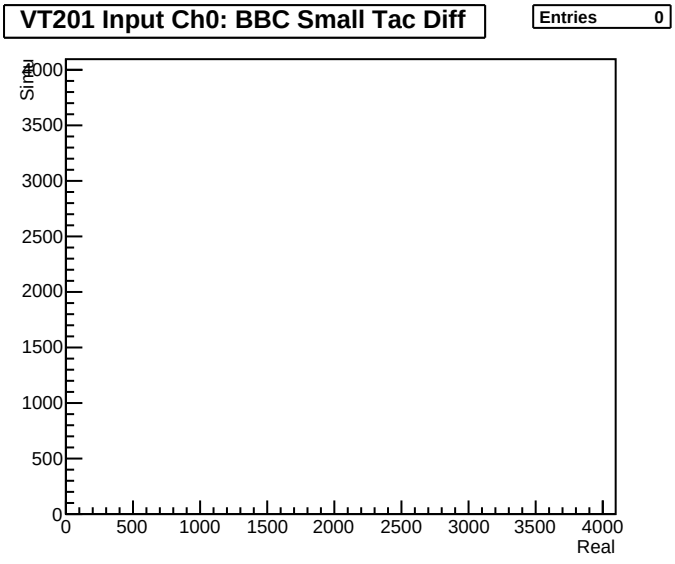

zdcWestTac
Entries 411825

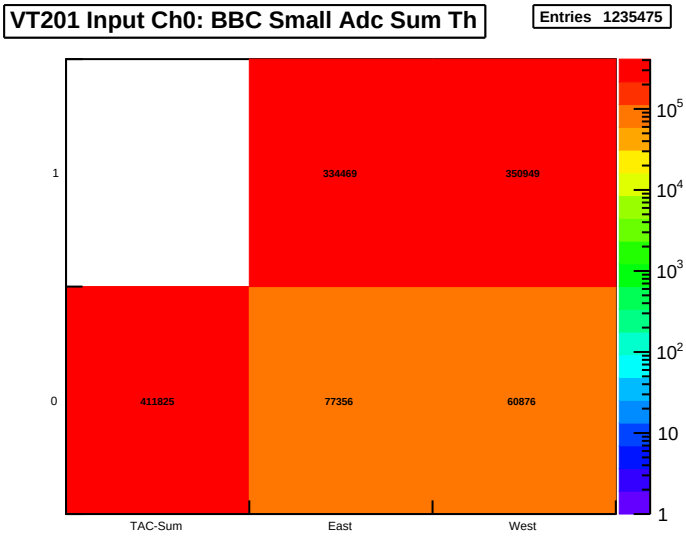

zdcWestTacVsSimu
Entries 7991
Data
Simu

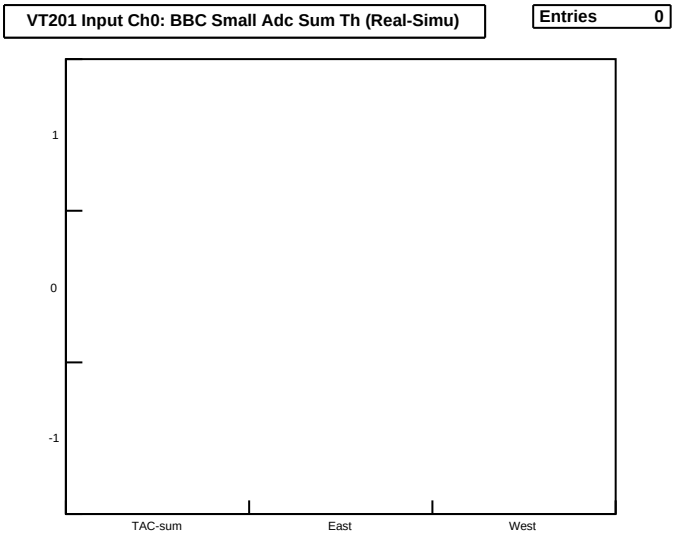

zdcAdcSum
Entries 4941900
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

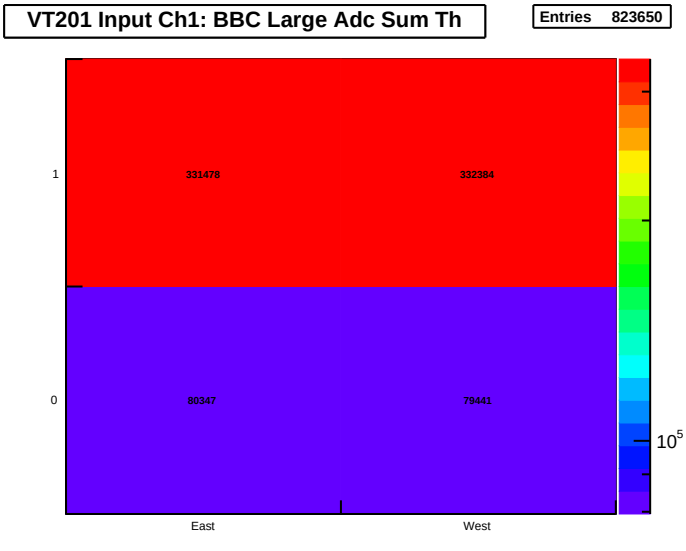

zdcAdcSumDiff
Entries 2544314
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

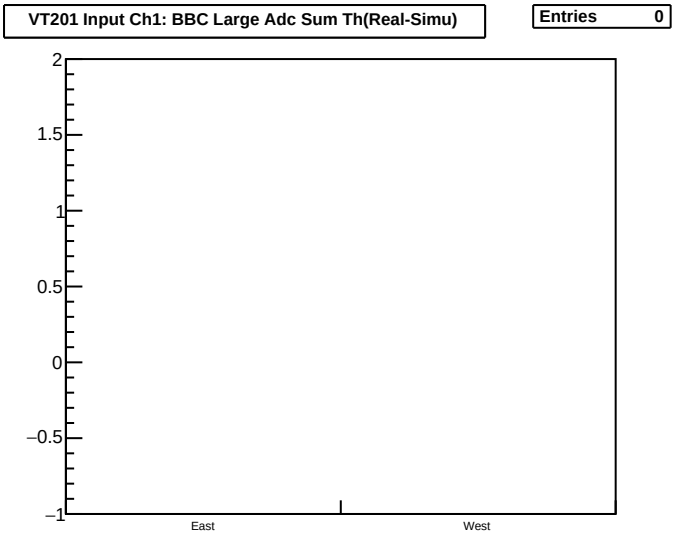

VT201 Input Ch0: BBC Small Tac Diff
Entries 411825
Tac


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

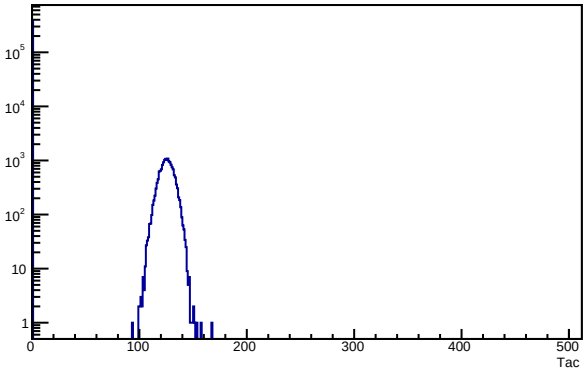

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1235475
334469
350949
411825
77356
60876
TAC-Sum
East
West


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

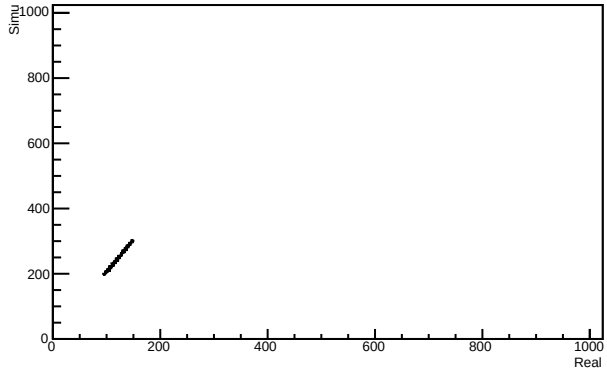

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 823650
331478
332384
80347
79441
East
West


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

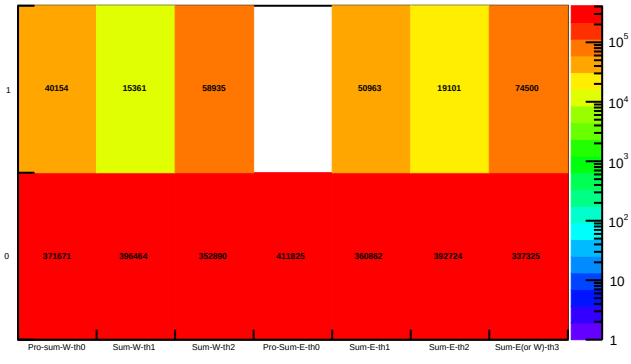
VT201 Input Ch2: ZDC Tac Diff



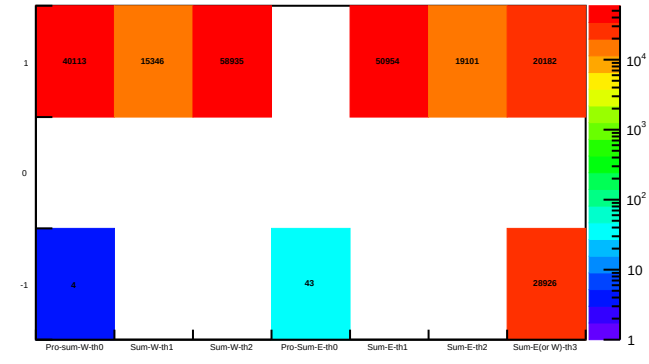
VT201 Input Ch2: ZDC Tac Diff



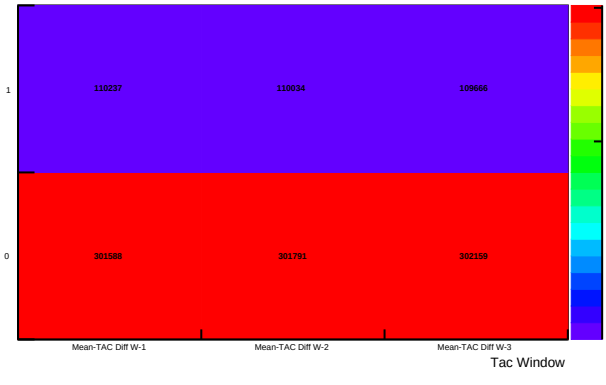
VT201 Input Ch2: ZDC Adc Sum Th



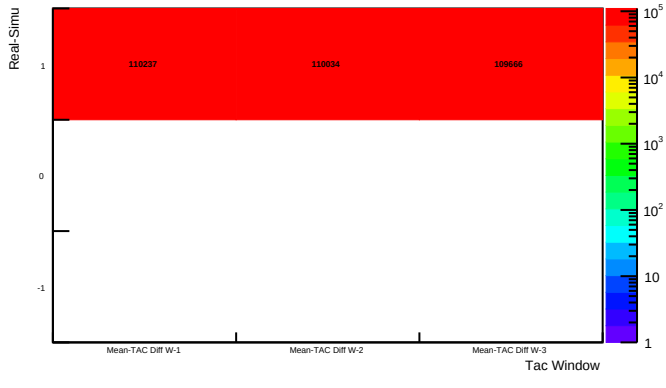
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



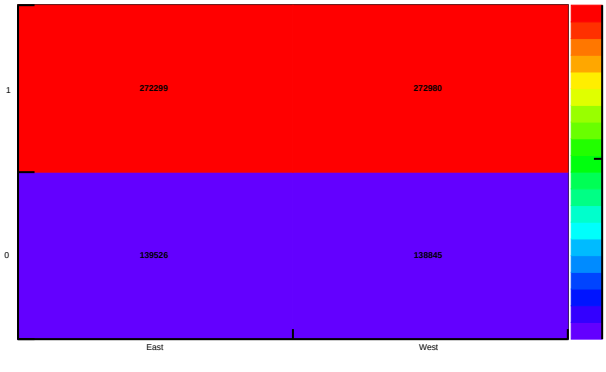
VT201 Input Ch4: VPD Tac Diff



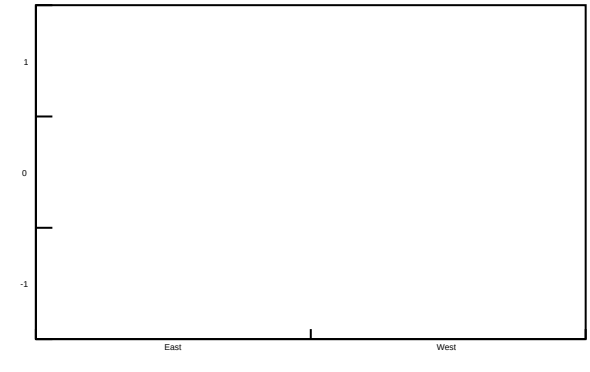
VT201 Input Ch4: VPD Tac Diff

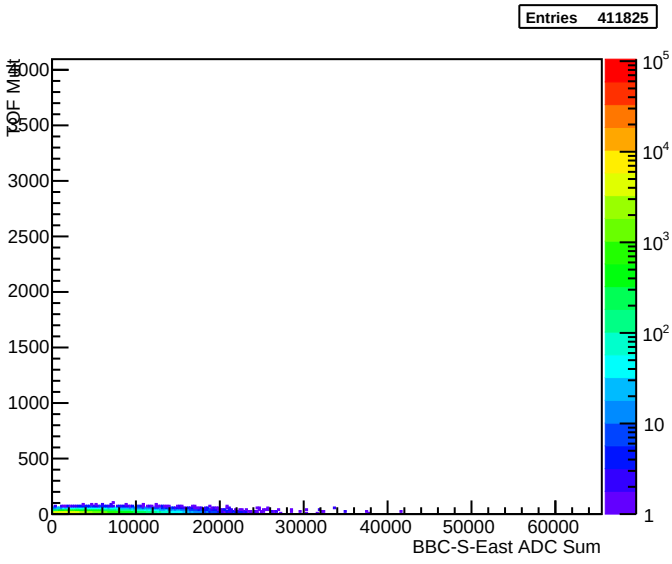


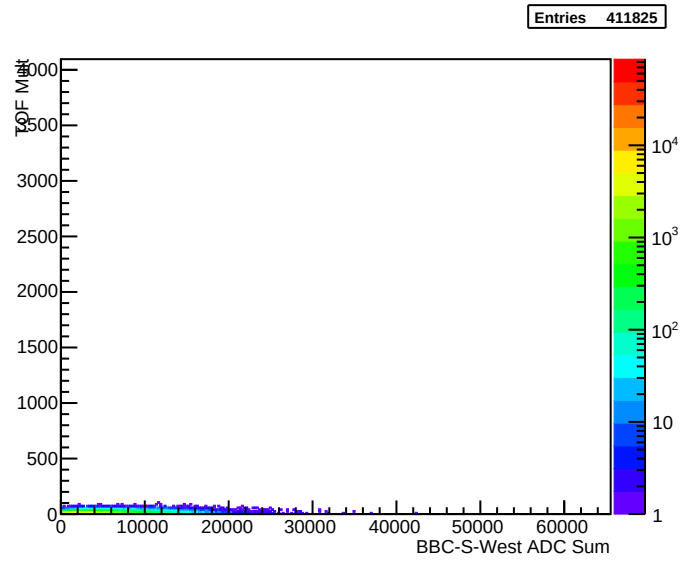
VT201 Input Ch4: VPD Adc Sum Th

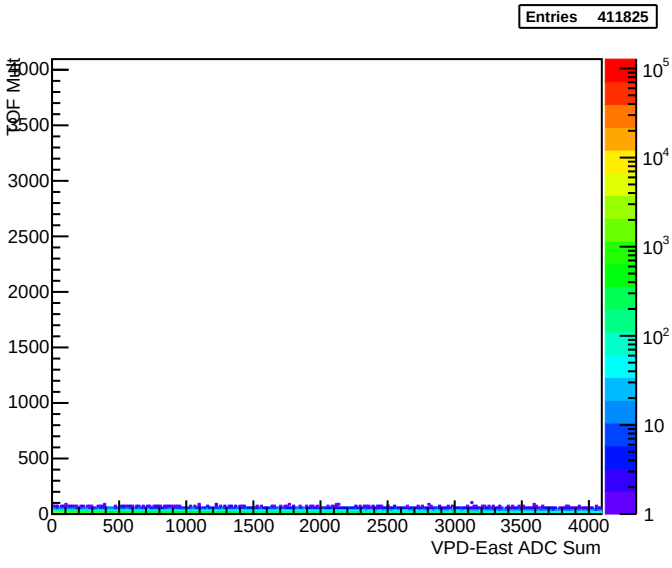


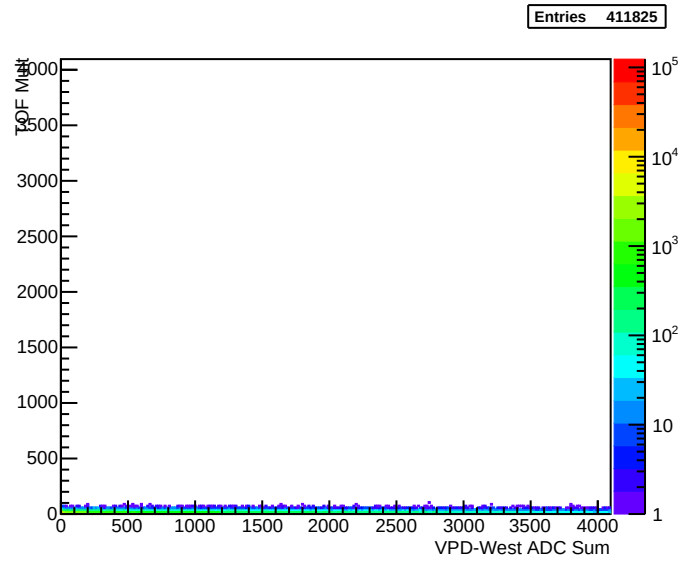
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

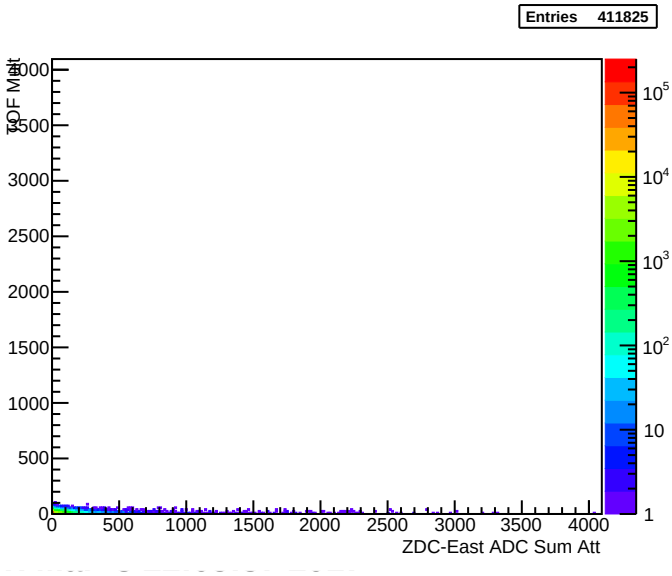


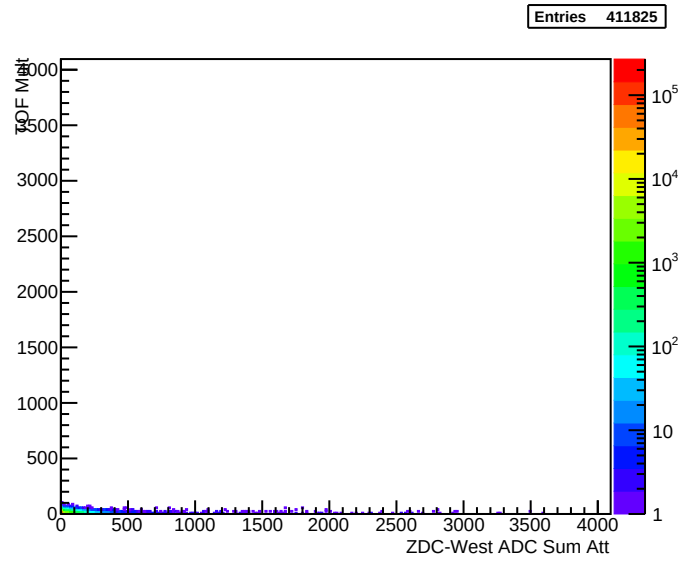

Entries 411825
TOF Mult
BBC-S-East ADC Sum

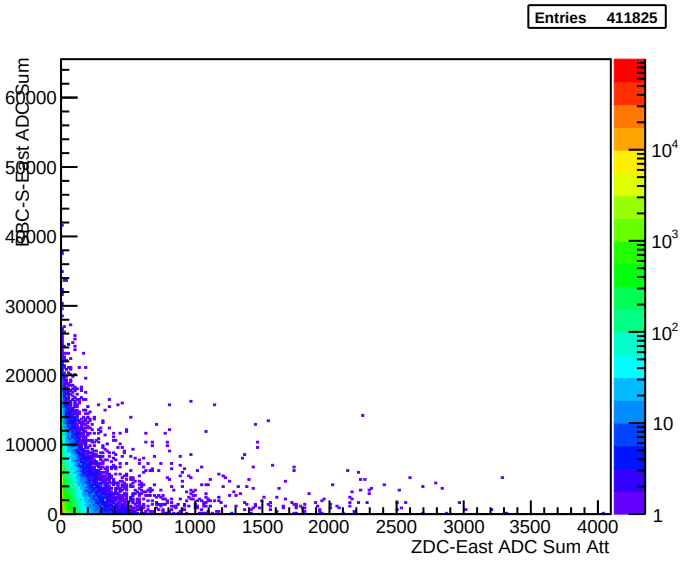

Entries 411825
TOF Mult
BBC-S-West ADC Sum

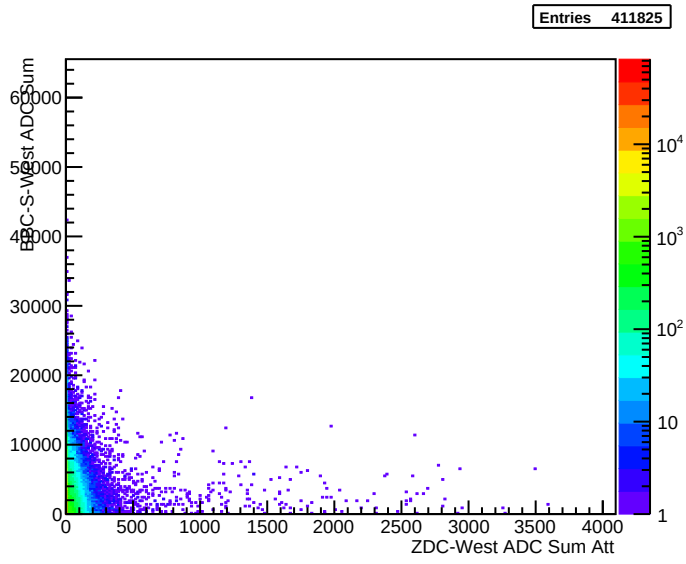

Entries 411825
TOF Mult
VPD-East ADC Sum

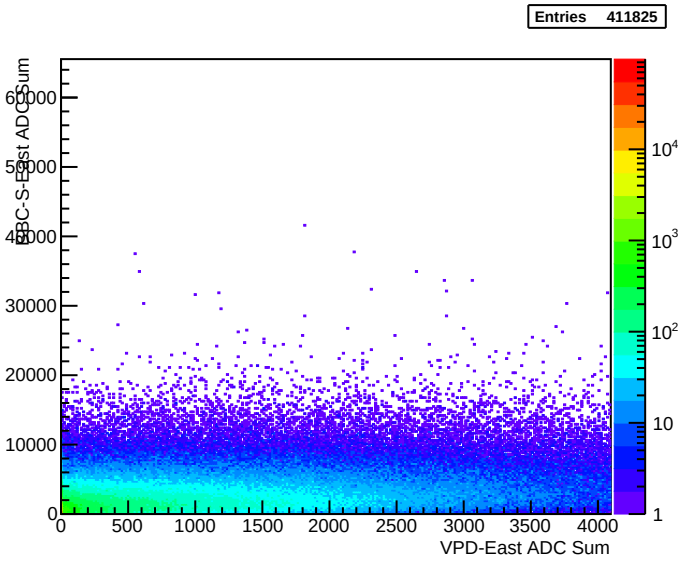

Entries 411825
TOF Mult
VPD-West ADC Sum

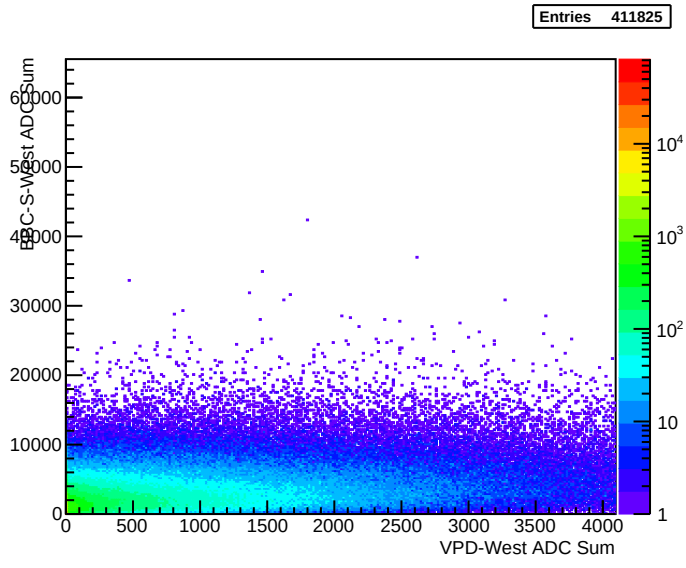

Entries 411825
TOF Mult
ZDC-East ADC Sum Att

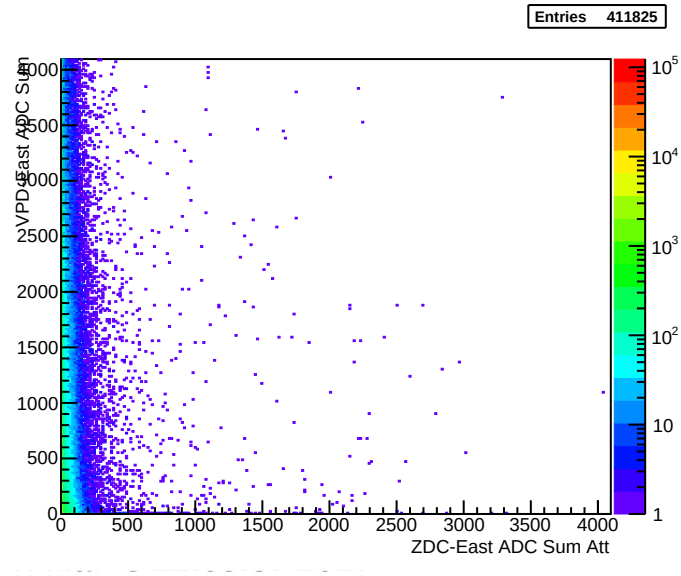

Entries 411825
TOF Mult
ZDC-West ADC Sum Att

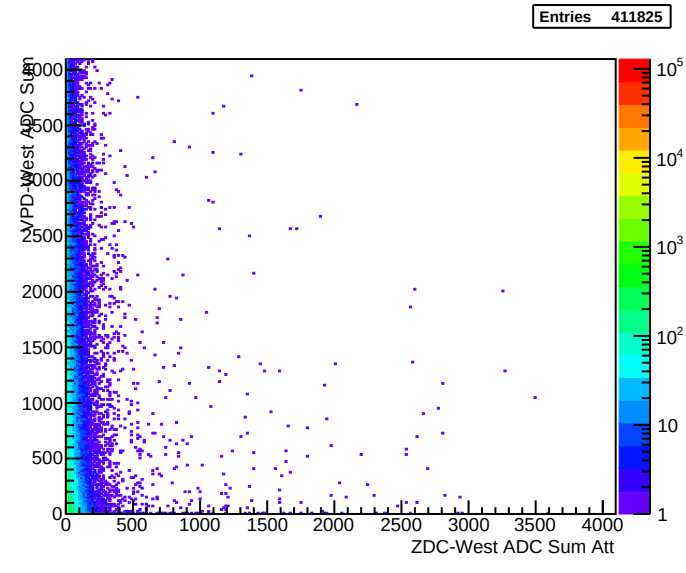

Entries 411825
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

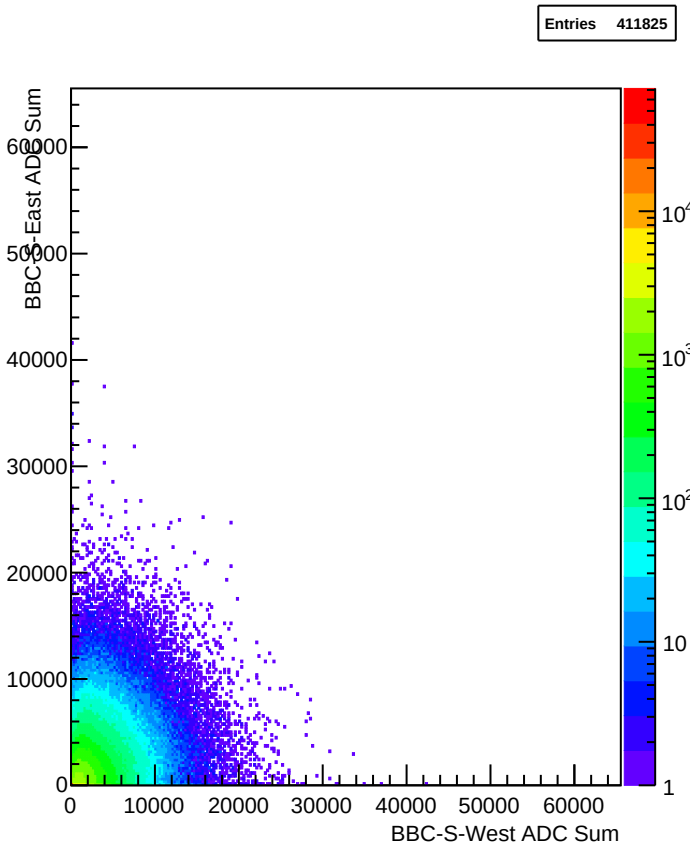

Entries 411825
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

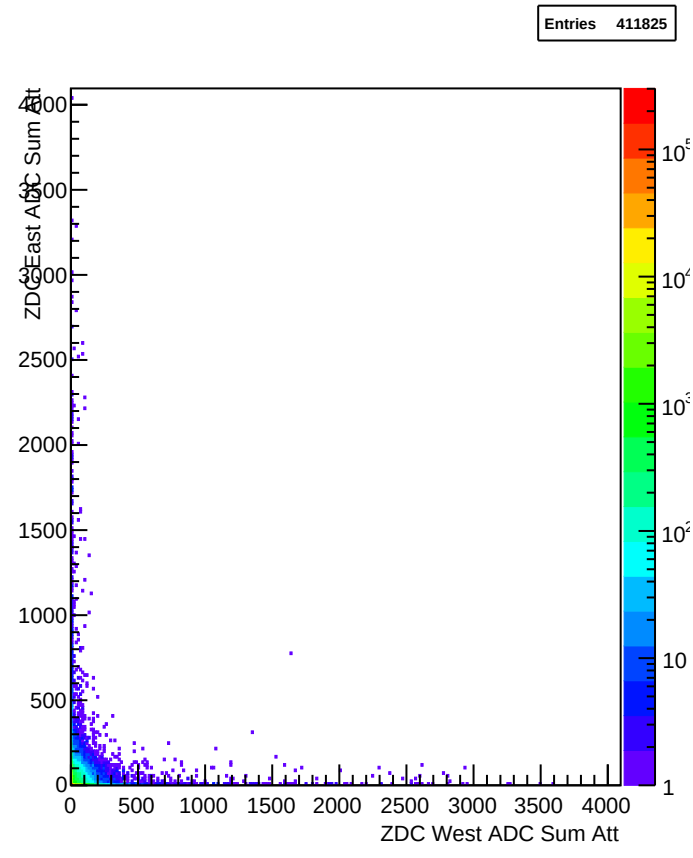

Entries 411825
BBC-S-East ADC Sum
VPD-East ADC Sum

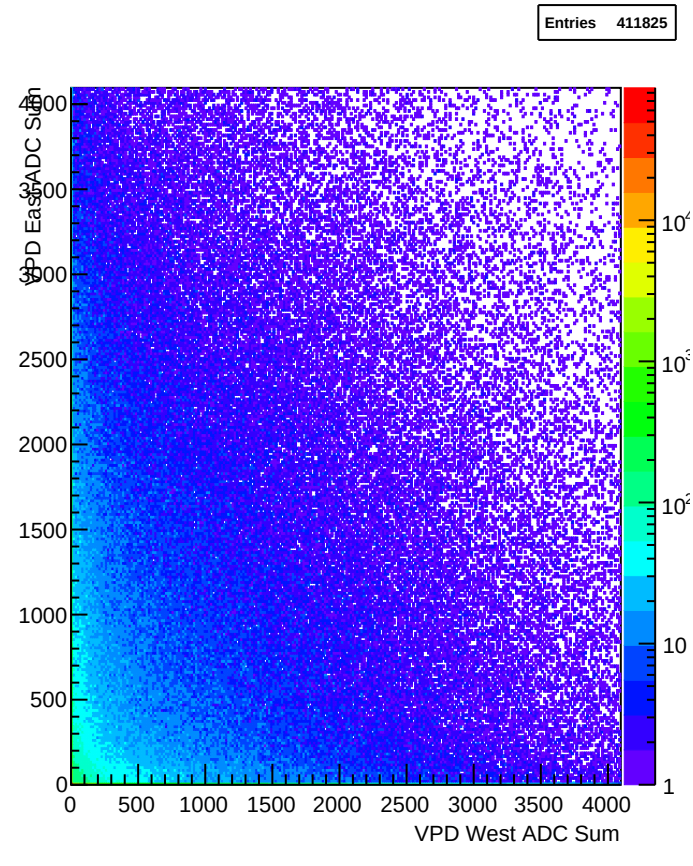

Entries 411825
BBC-S-West ADC Sum
VPD-West ADC Sum

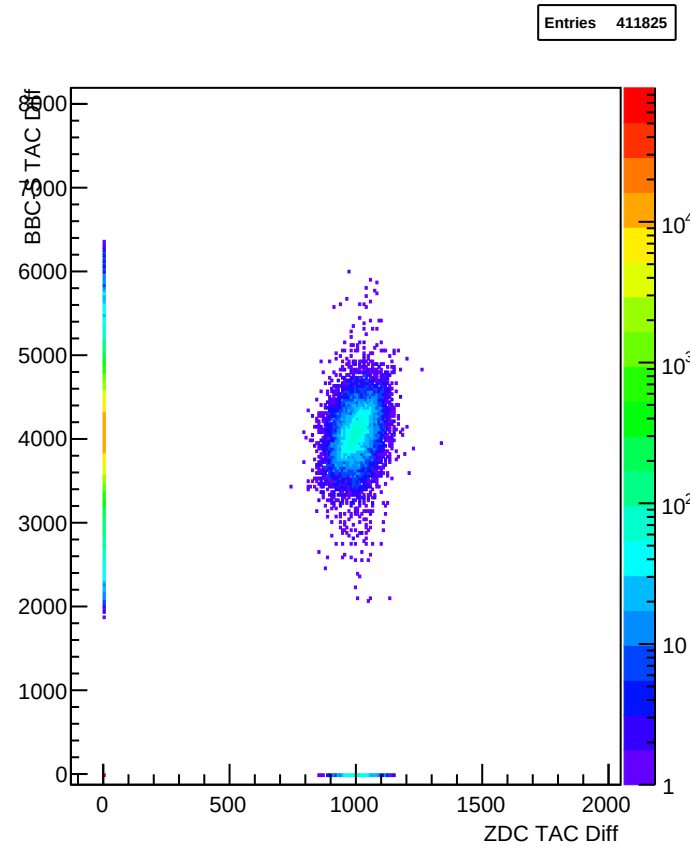

Entries 411825
VPD-East ADC Sum
ZDC-East ADC Sum Att

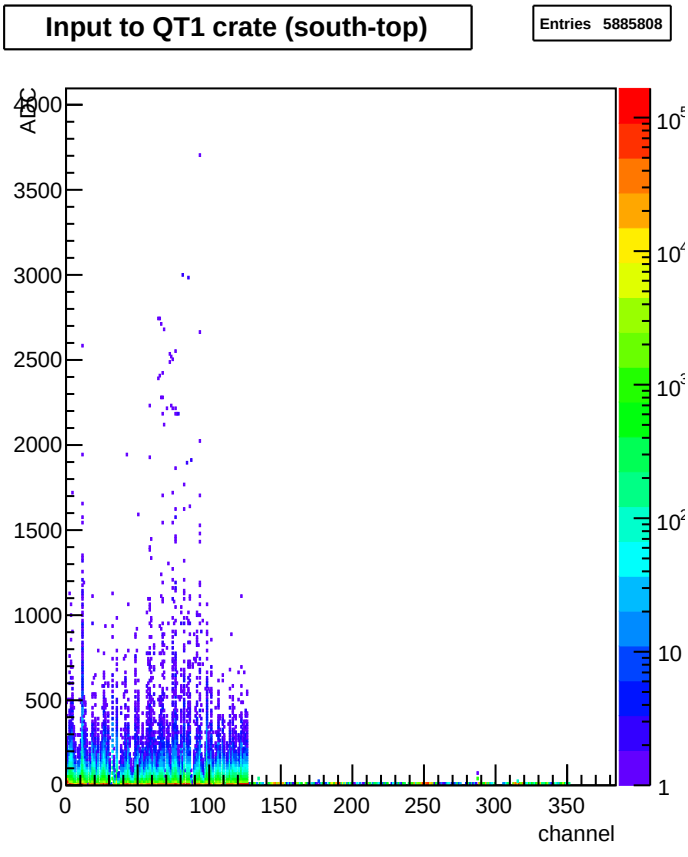

Entries 411825
VPD-West ADC Sum
ZDC-West ADC Sum Att

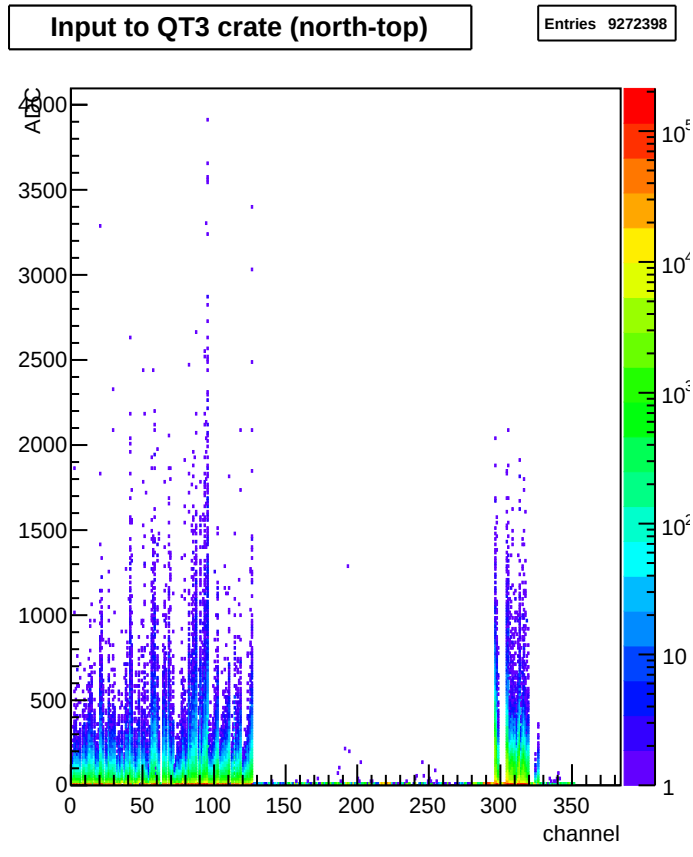

Entries 411825
BBC-S-East ADC Sum
BBC-S-West ADC Sum

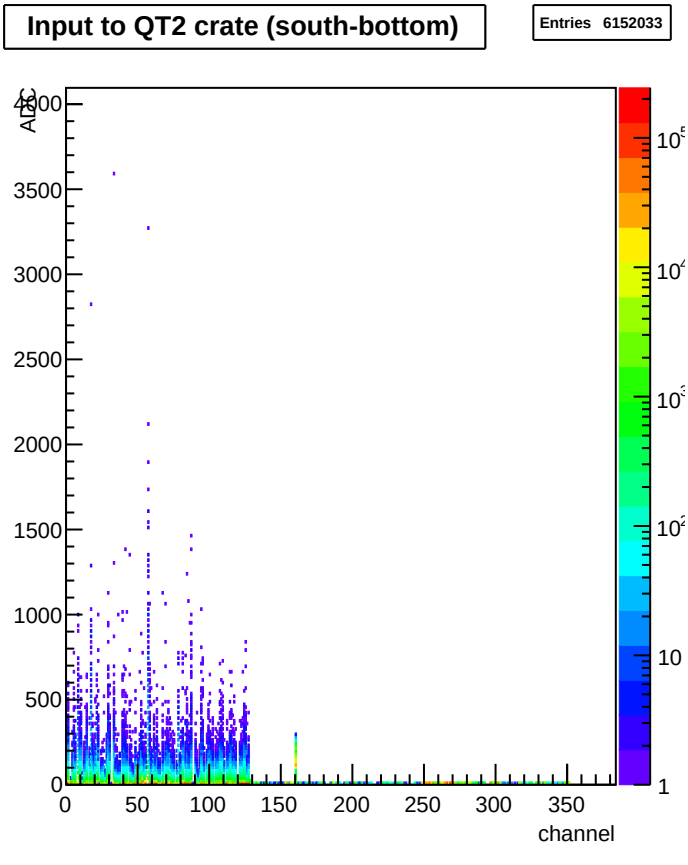

Entries 411825
ZDC East ADC Sum Att
ZDC West ADC Sum Att

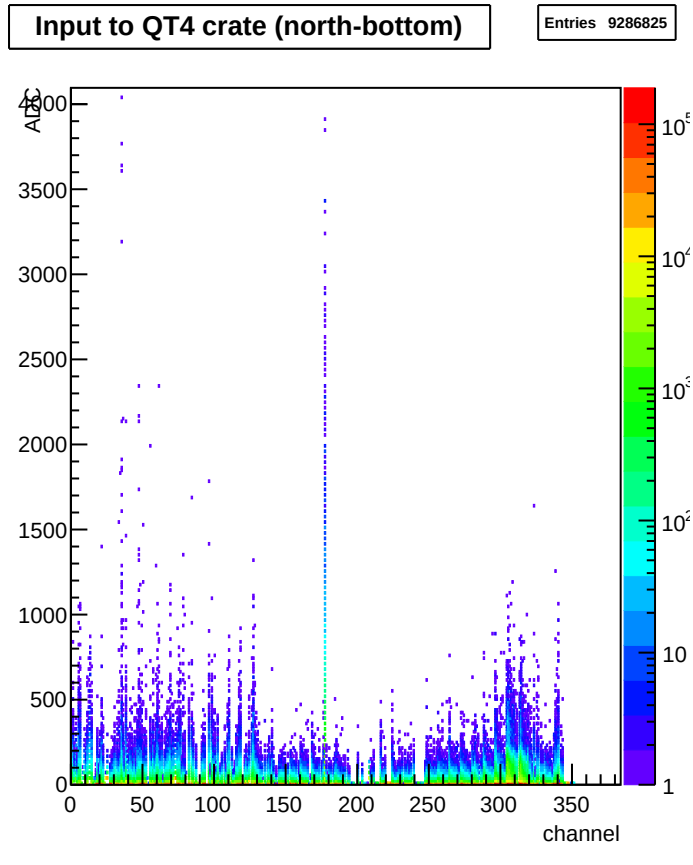

Entries 411825
VPD East ADC Sum
VPD West ADC Sum

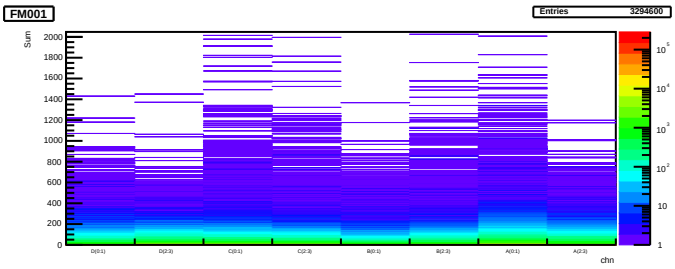

Entries 411825
BBC-S TAC Diff
ZDC TAC Diff

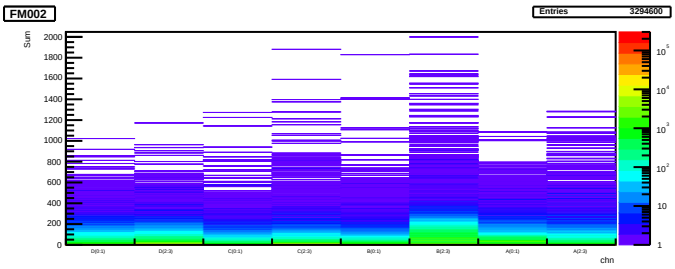

Input to QT1 crate (south-top)
Entries 5885808
ADC
channel

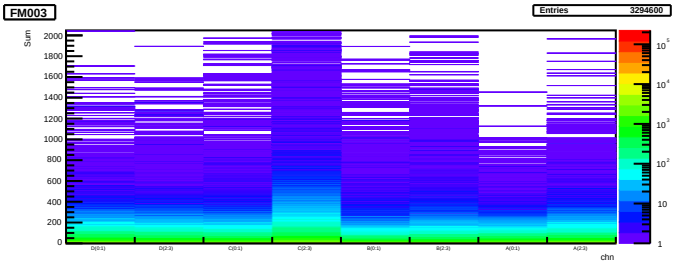

Input to QT3 crate (north-top)
Entries 9272398
ADC
channel

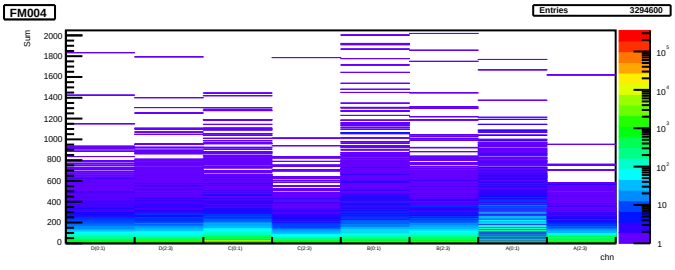

Input to QT2 crate (south-bottom)
Entries 6152033
ADC
channel

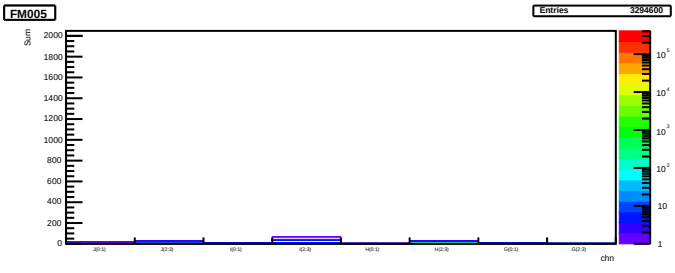

Input to QT4 crate (north-bottom)
Entries 9286825
ADC
channel

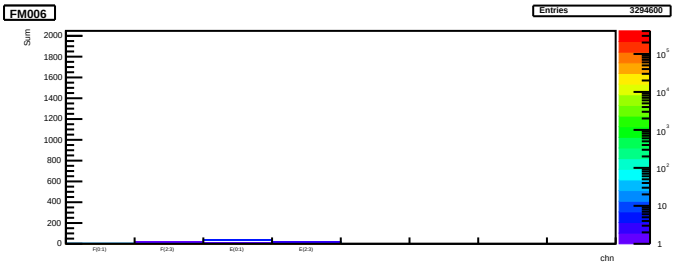

FM001
Entries 3294600
Sum
chn

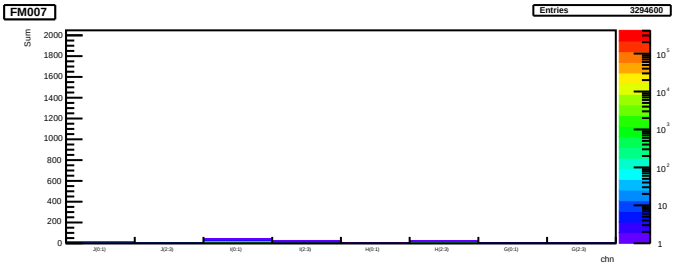

FM002
Entries 3294600
Sum
chn

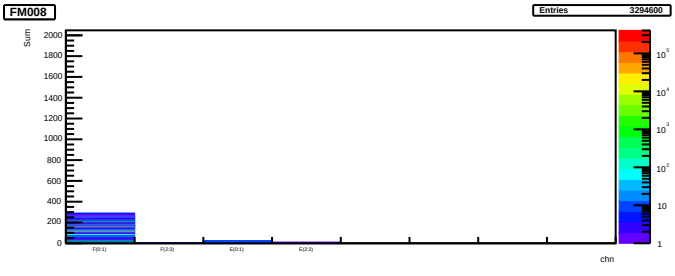

FM003
Entries 3294600
Sum
chn

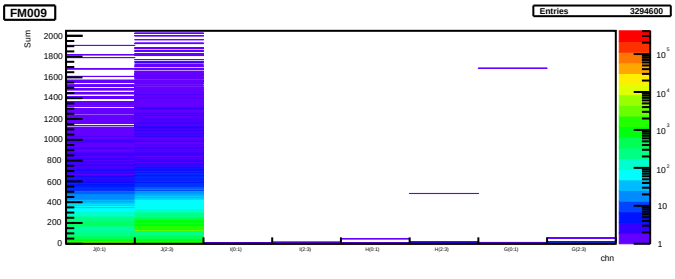

FM004
Entries 3294600
Sum
chn

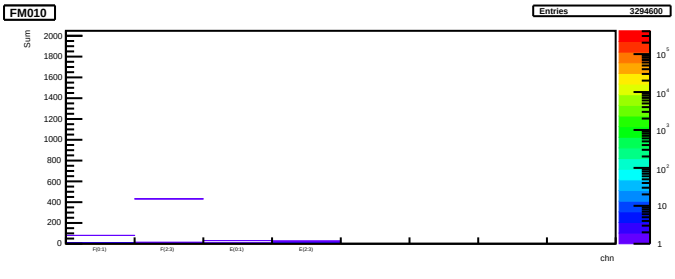

FM005
Entries 3294600
Sum
chn

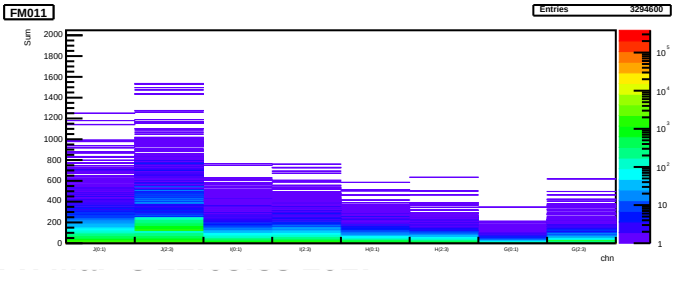

FM006
Entries 3294600
Sum
chn

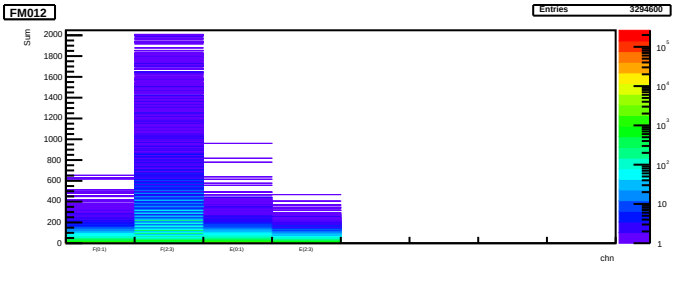

FM007
Entries 3294600
Sum
chn

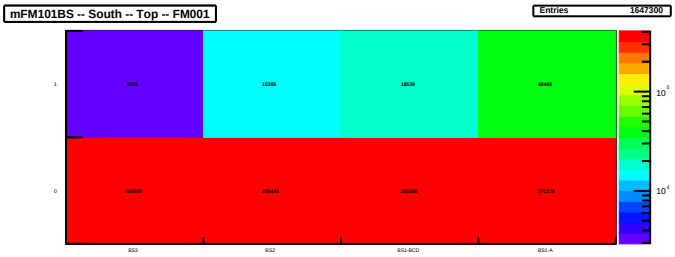

FM008
Entries 3294600
Sum
chn

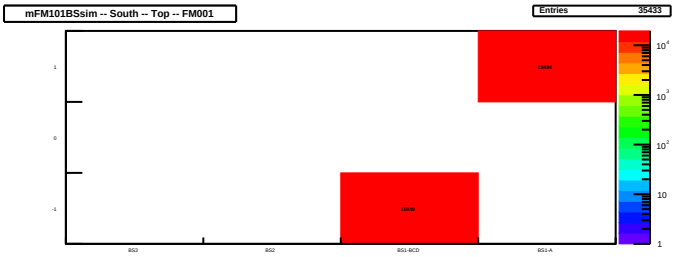

FM009
Entries 3294600
Sum
chn

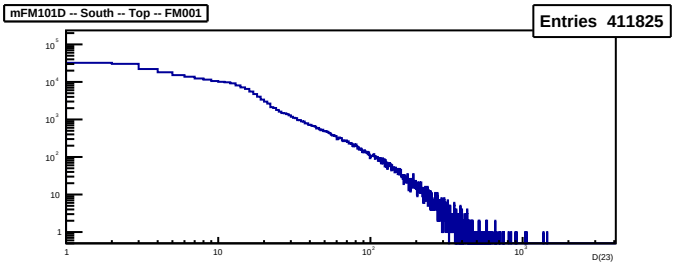

FM010
Entries 3294600
Sum
chn

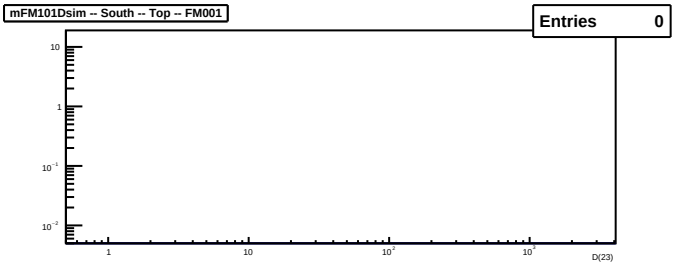

FM011
Entries 3294600
Sum
chn

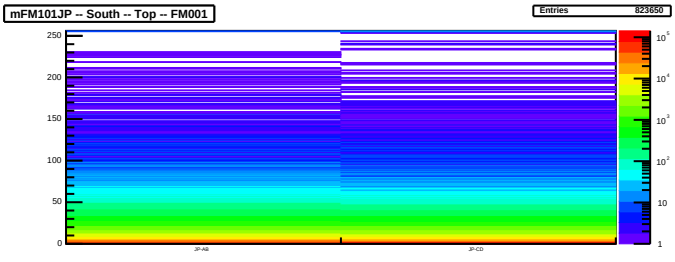

FM012
Entries 3294600
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 1647300
BS3
BS2
BS1-BCD
BS1-A

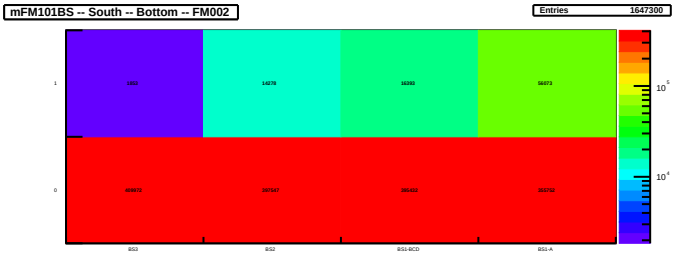

mFM101BSsim -- South -- Top -- FM001
Entries 35433
BS3
BS2
BS1-BCD
BS1-A

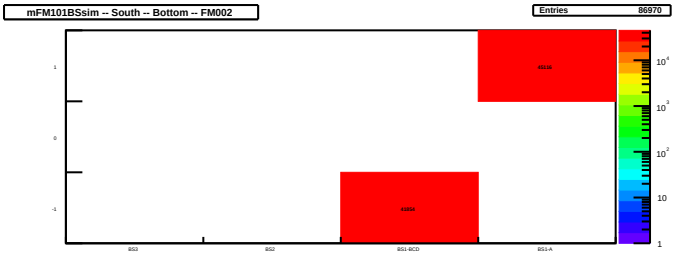

mFM101D -- South -- Top -- FM001
Entries 411825
D(23)

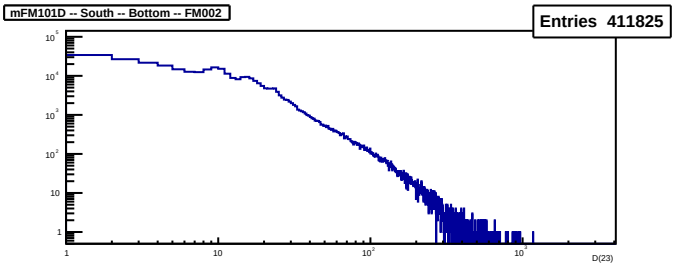

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

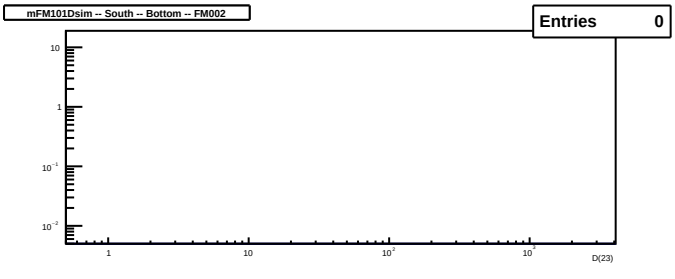

mFM101JP -- South -- Top -- FM001
Entries 823650
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 1647300
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Bottom -- FM002
Entries 86970
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 411825
D(23)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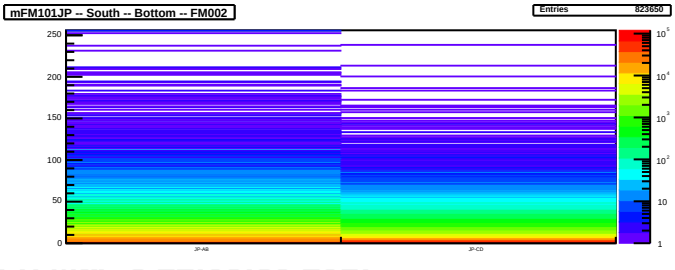
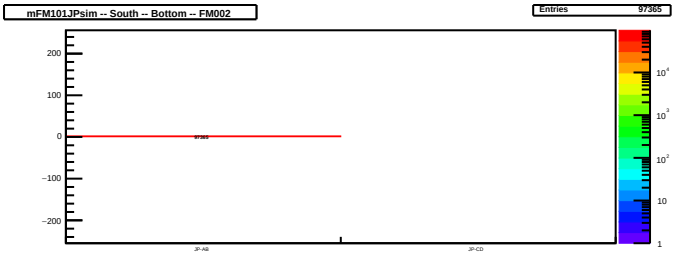
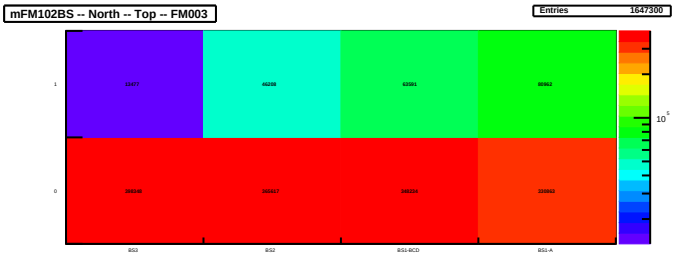
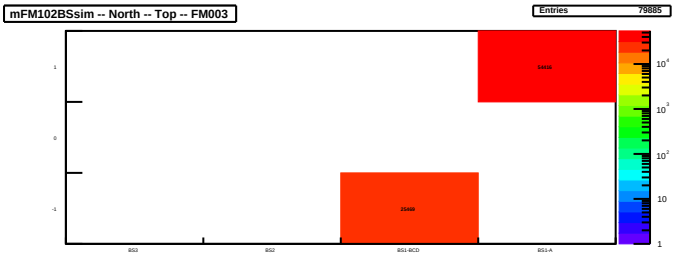
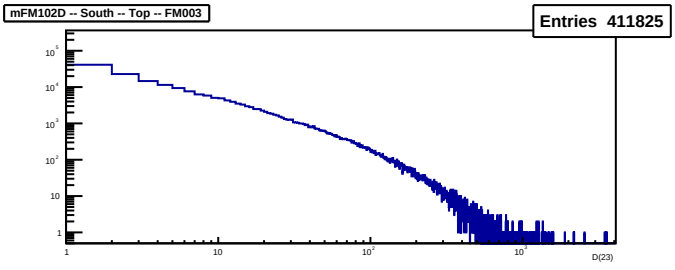
Entries 0
D(23)

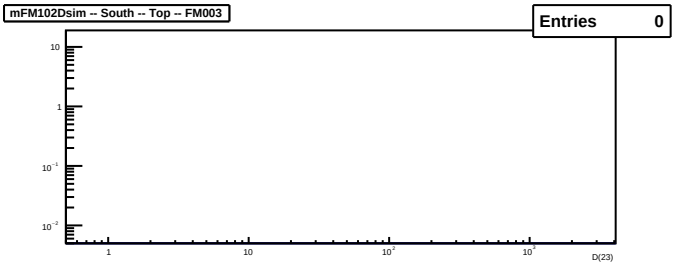

mFM101JP -- South -- Bottom -- FM002
Entries 823650
JP-AB
JP-CD


mFM101JPsim -- South -- Bottom -- FM002
Entries 97365
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 1647300
BS3
BS2
BS1-BCD
BS1-A


mFM102BSsim -- North -- Top -- FM003
Entries 79885
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Top -- FM003
Entries 411825
D(23)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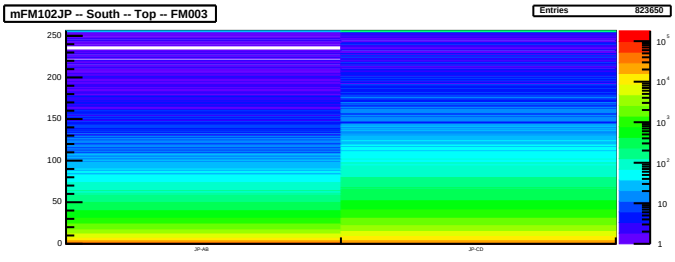
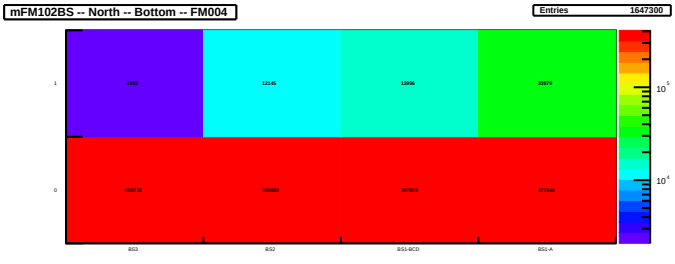
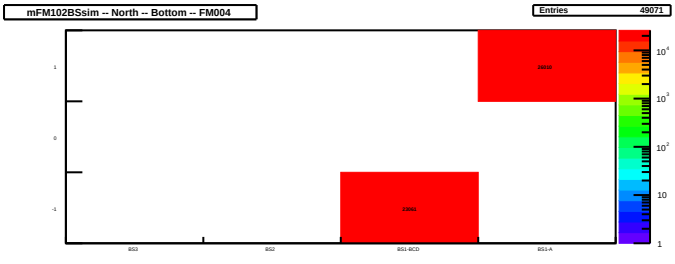
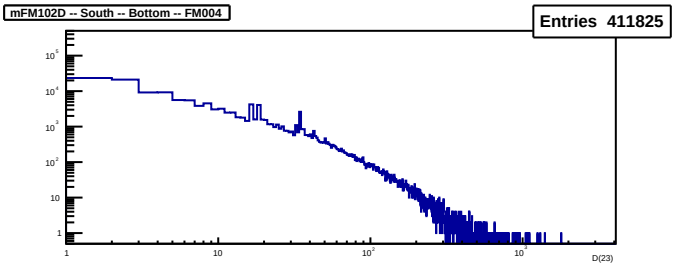
Entries 0
D(23)

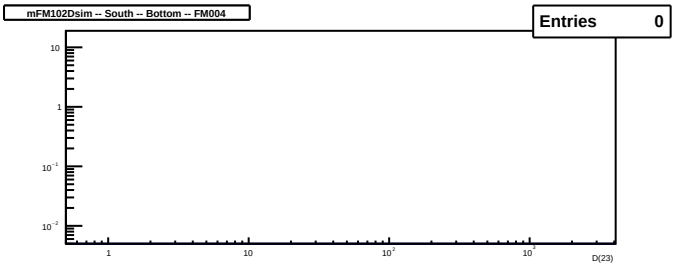

mFM102JP -- South -- Top -- FM003
Entries 823650
JP-AB
JP-CD

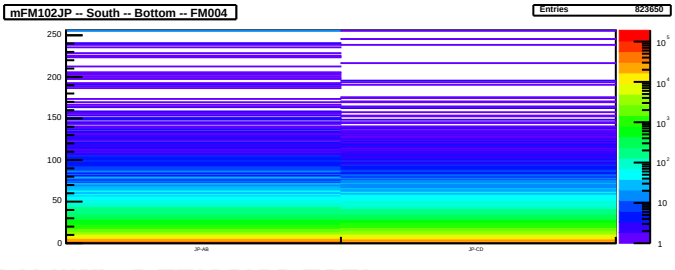
mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD

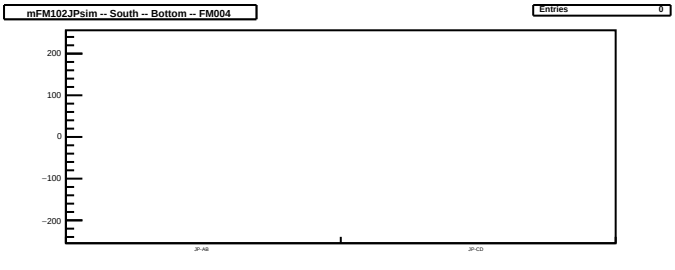

mFM102BS -- North -- Bottom -- FM004
Entries 1647300
BS3
BS2
BS1-BCD
BS1-A

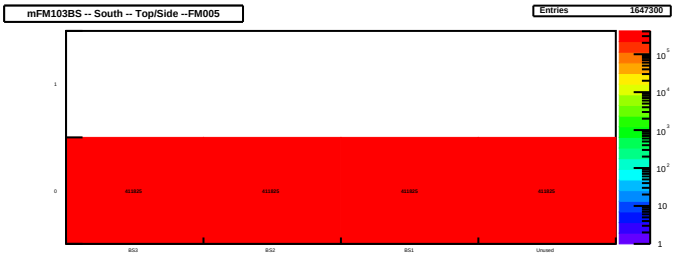

mFM102BSsim -- North -- Bottom -- FM004
Entries 49071
BS3
BS2
BS1-BCD
BS1-A

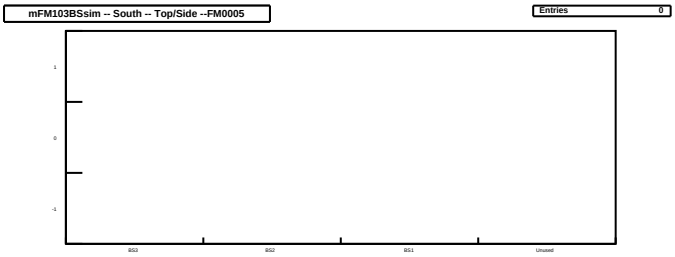

mFM102D -- South -- Bottom -- FM004
Entries 411825
D(23)

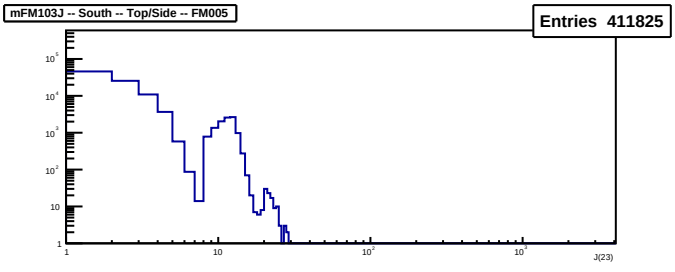

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

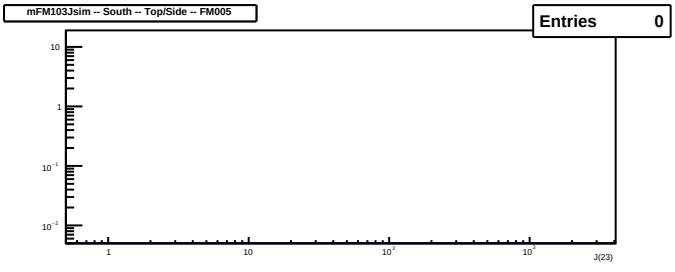

mFM102JP -- South -- Bottom -- FM004
Entries 823650
JP-AB
JP-CD

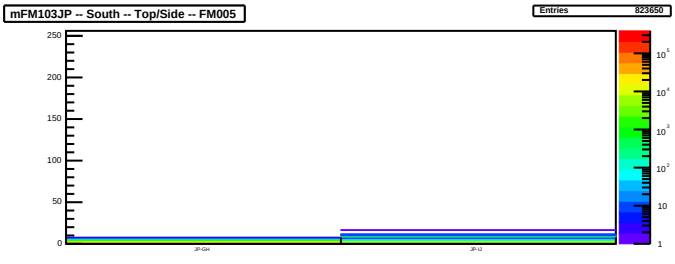

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

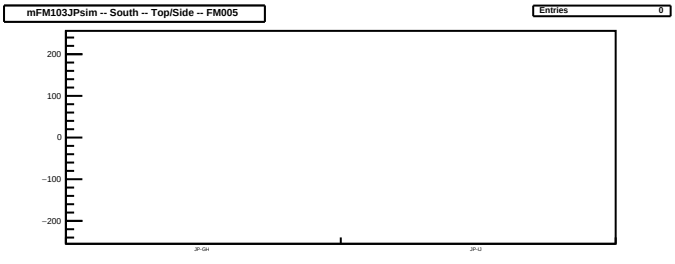

mFM103BS -- South -- Top/Side --FM005
Entries 1647300
411825
411825
411825
411825
BS3
BS2
BS1
Unused

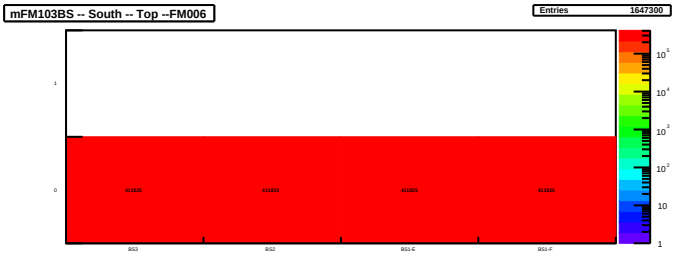

mFM103BSsim -- South -- Top/Side --FM0005
Entries 0
BS3
BS2
BS1
Unused

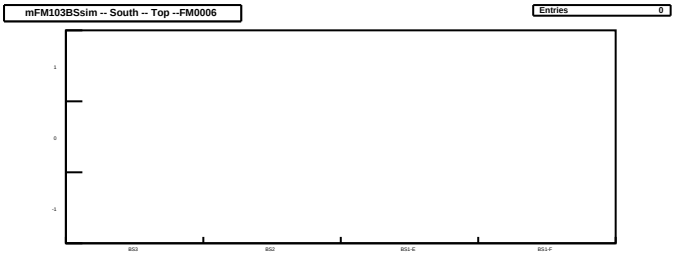

mFM103J -- South -- Top/Side -- FM005
Entries 411825
J(23)

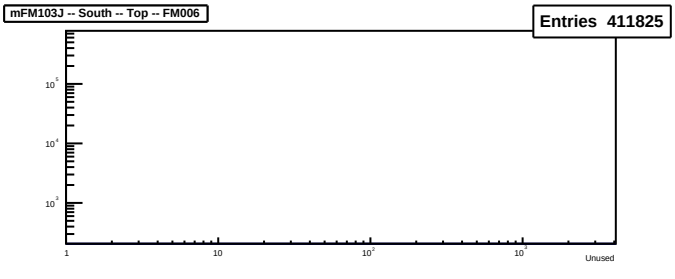

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

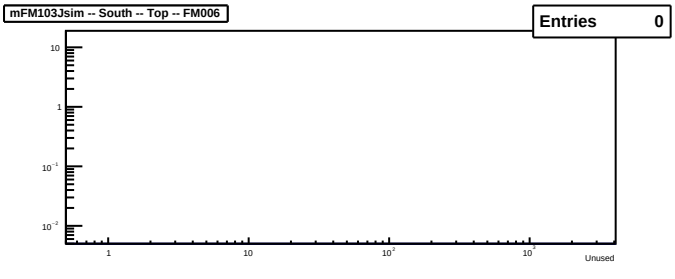

mFM103JP -- South -- Top/Side -- FM005
Entries 823650
JP-GH
JP-IJ

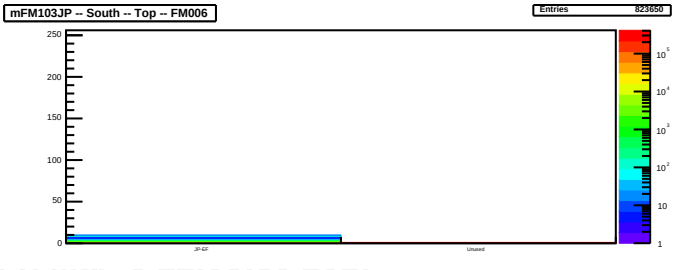

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ

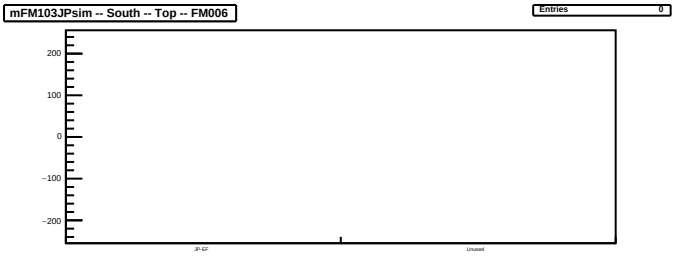

mFM103BS -- South -- Top --FM006
Entries 1647300
411825
411825
411825
411825
BS3
BS2
BS1-E
BS1-F

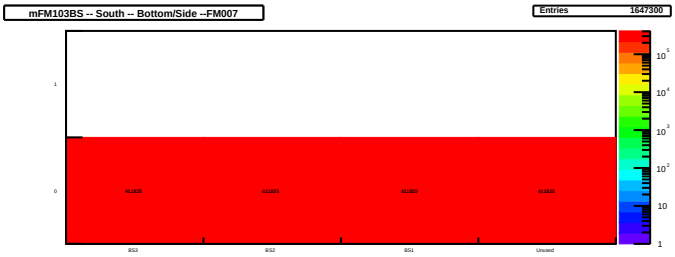

mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F

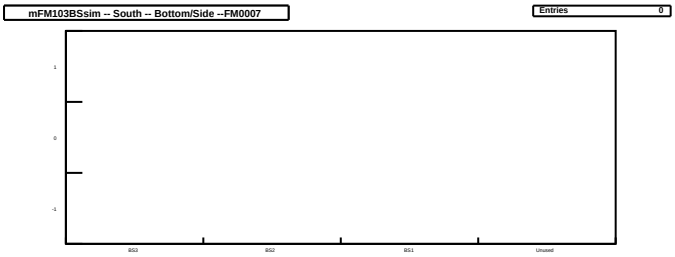

mFM103J -- South -- Top -- FM006
Entries 411825
Unused

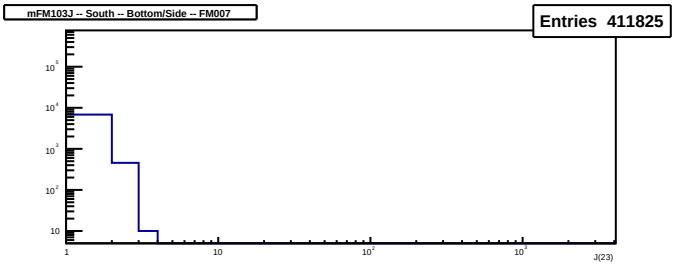

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

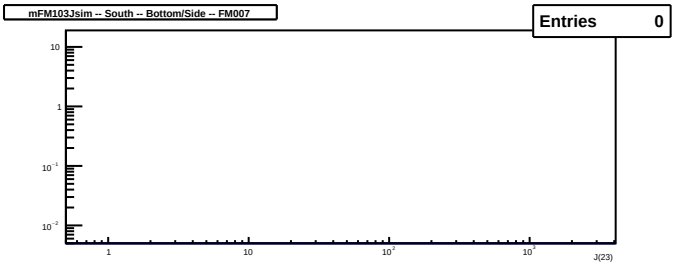

mFM103JP -- South -- Top -- FM006
Entries 823650
JP-EF
Unused

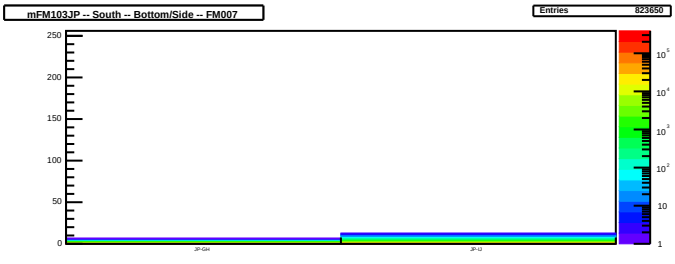

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

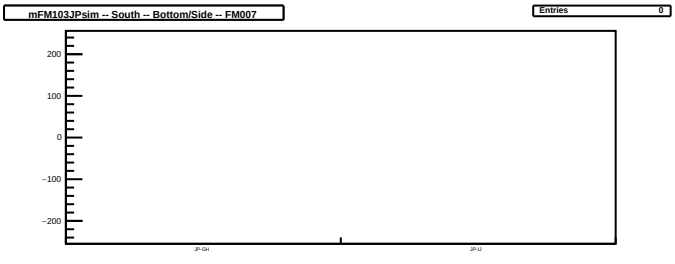

mFM103BS -- South -- Bottom/Side --FM007
Entries 1647300
411825
411825
411825
411825
BS3
BS2
BS1
Unused

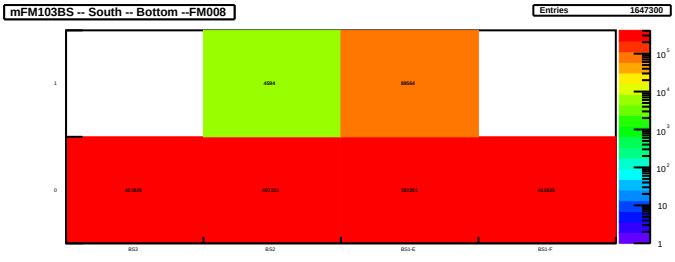

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 0
BS3
BS2
BS1
Unused

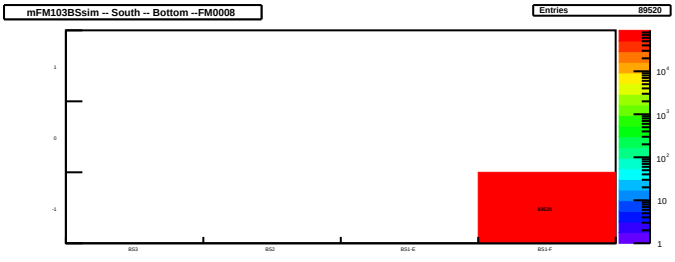

mFM103J -- South -- Bottom/Side -- FM007
Entries 411825
J(23)

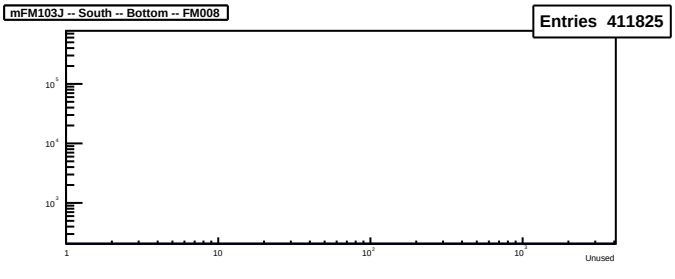

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

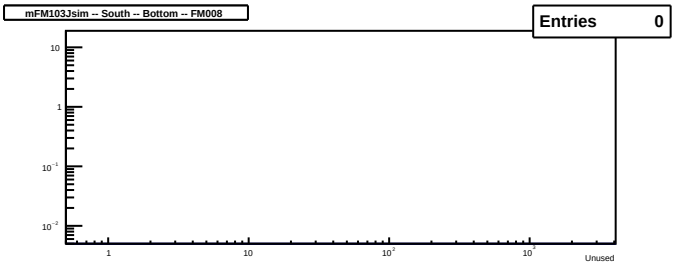

mFM103JP -- South -- Bottom/Side -- FM007
Entries 823650
JP-GH
JP-IJ


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


mFM103BS -- South -- Bottom --FM008
Entries 1647300
4984
89664
411825
407231
222261
411825
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 89520
89520
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 411825
Unused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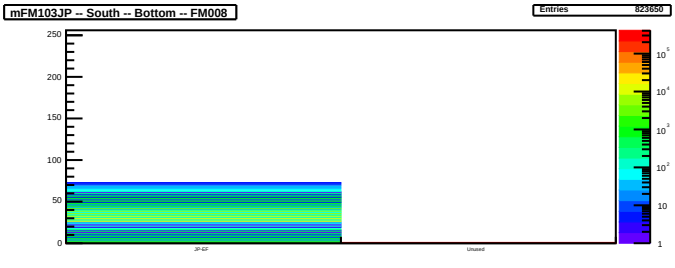
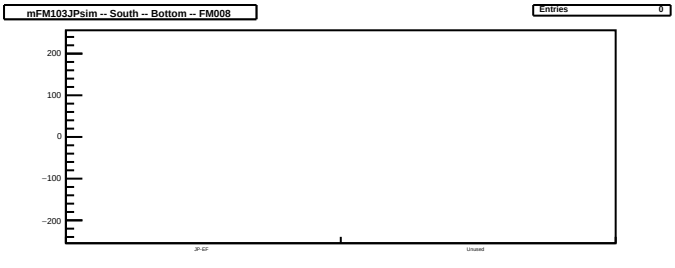
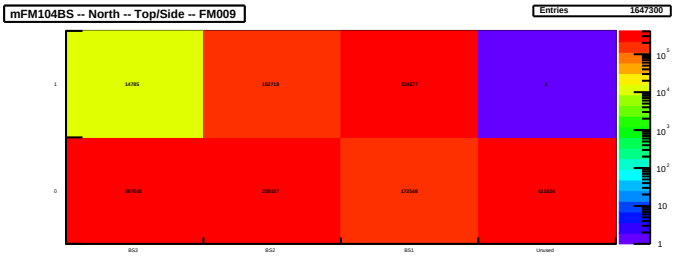
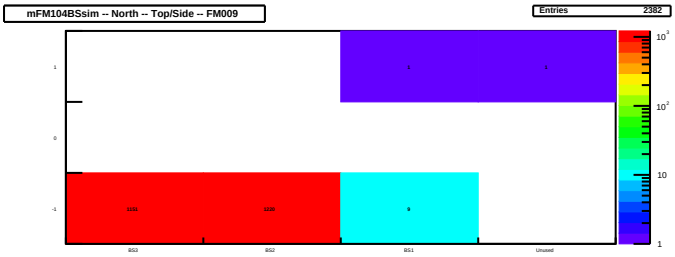
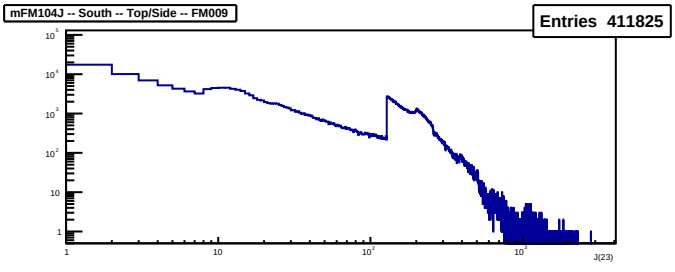
Entries 0
Unused

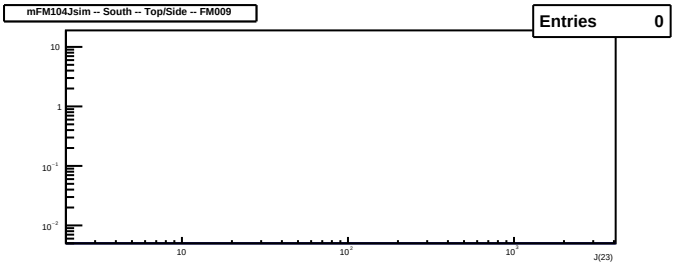

mFM103JP -- South -- Bottom -- FM008
Entries 823650
JP-EF
Unused

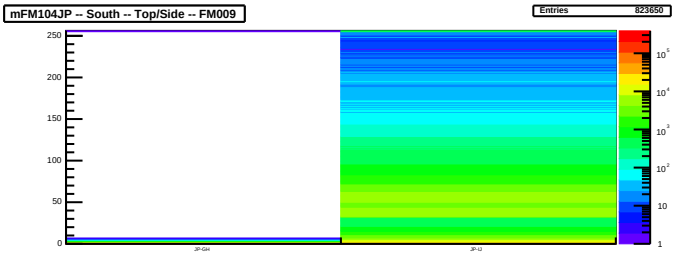

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

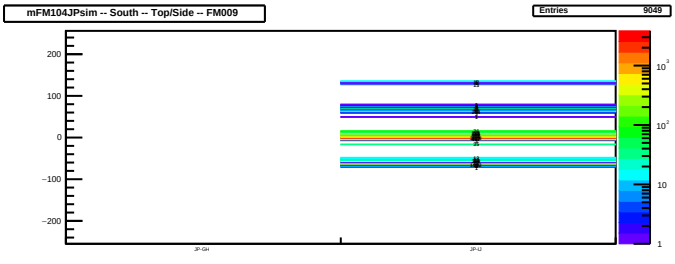

mFM104BS -- North -- Top/Side -- FM009
Entries 1647300

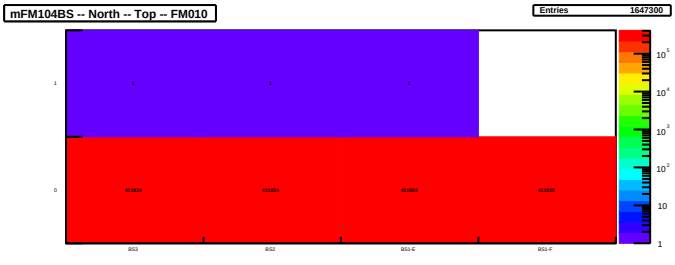

mFM104BSsim -- North -- Top/Side -- FM009
Entries 2382

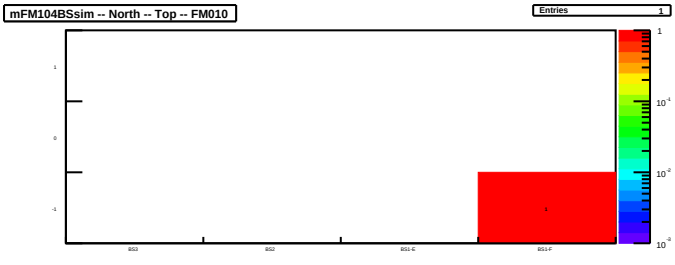

mFM104J -- South -- Top/Side -- FM009
Entries 411825
J(23)

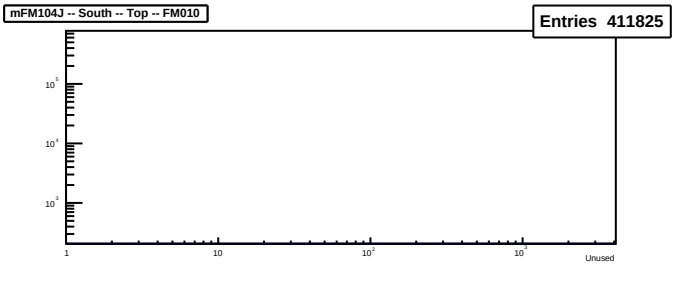

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

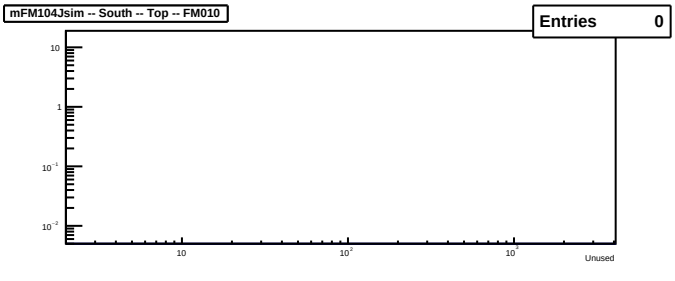

mFM104JP -- South -- Top/Side -- FM009
Entries 823650


mFM104JPsim -- South -- Top/Side -- FM009
Entries 9049


mFM104BS -- North -- Top -- FM010
Entries 1647300


mFM104BSsim -- North -- Top -- FM010
Entries 1


mFM104J -- South -- Top -- FM010
Entries 411825
Unused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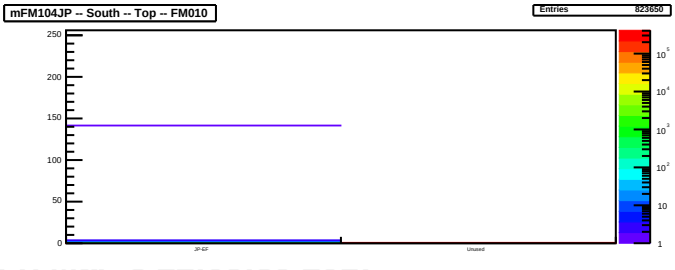
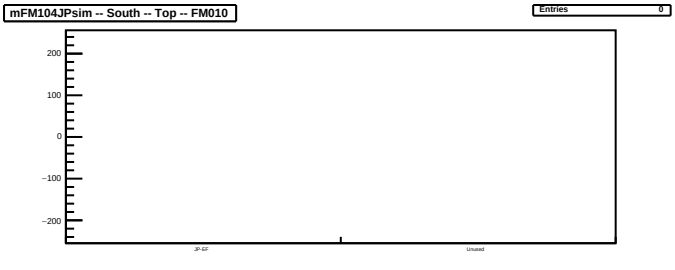
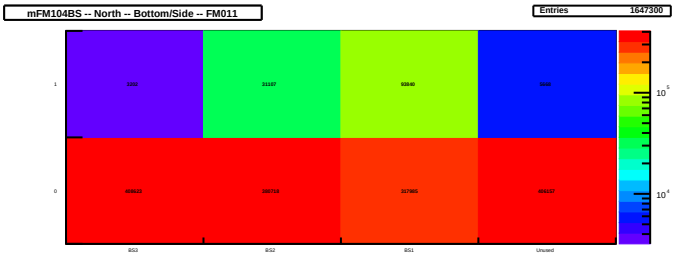
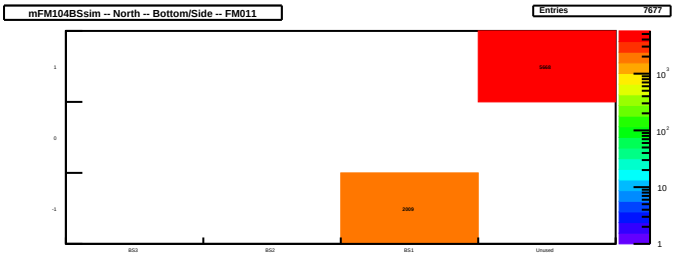
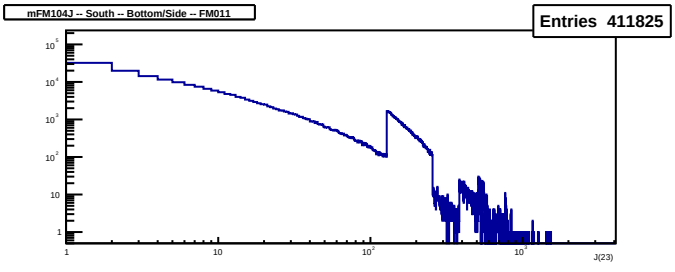
Entries 0
Unused

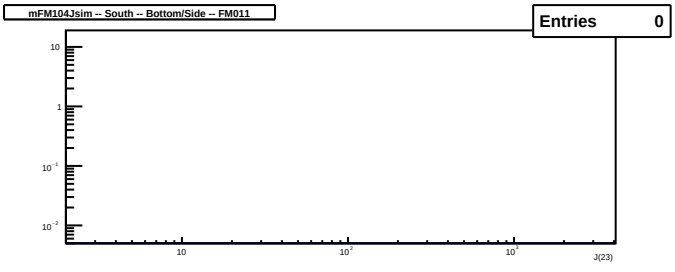

mFM104JP -- South -- Top -- FM010
Entries 823650

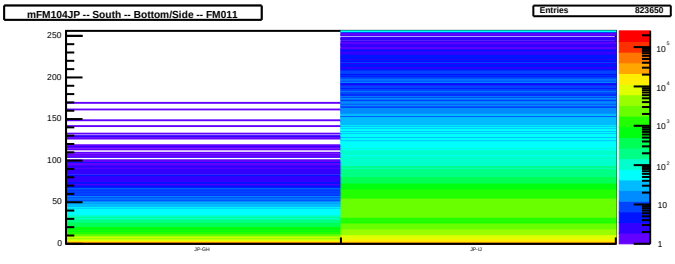

mFM104JPsim -- South -- Top -- FM010
Entries 0

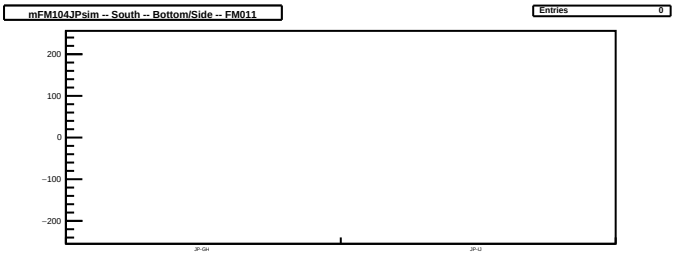

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1647300
BS3
BS2
BS1
Unused

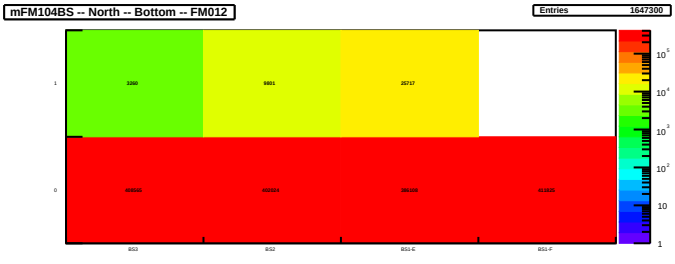

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 7677
BS3
BS2
BS1
Unused

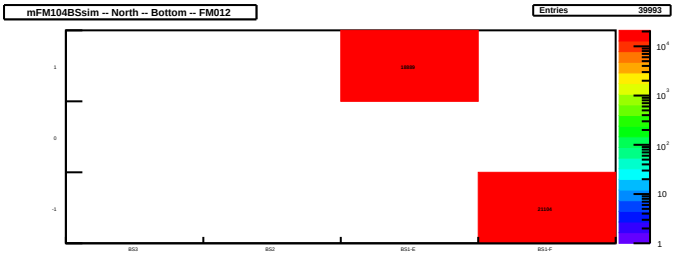

mFM104J -- South -- Bottom/Side -- FM011
Entries 411825
J(23)

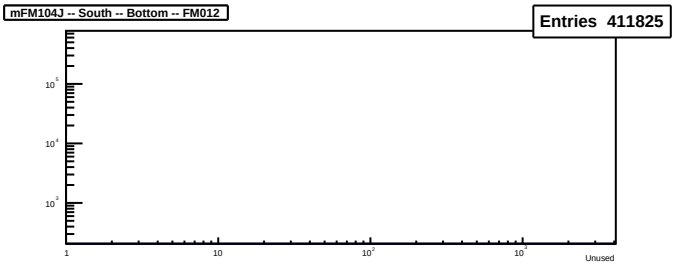

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

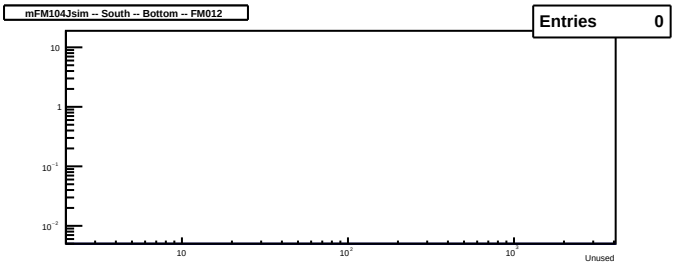

mFM104JP -- South -- Bottom/Side -- FM011
Entries 823650
JP-GH
JP-IJ

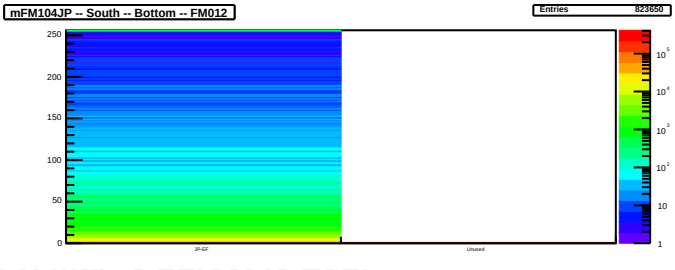

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ

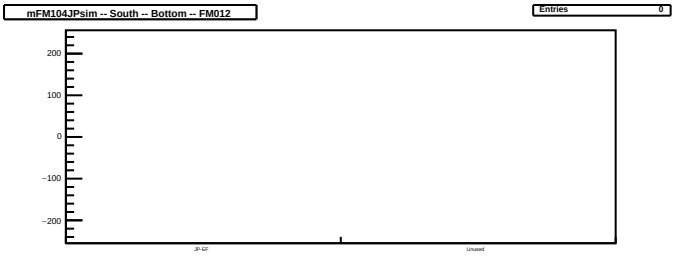

mFM104BS -- North -- Bottom -- FM012
Entries 1647300
BS3
BS2
BS1-E
BS1-F

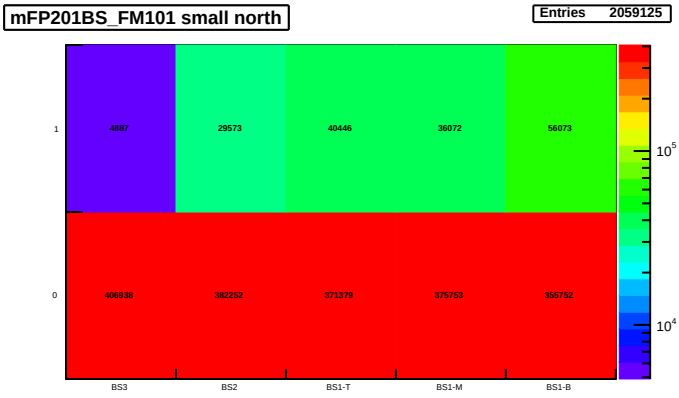

mFM104BSsim -- North -- Bottom -- FM012
Entries 39993
BS3
BS2
BS1-E
BS1-F

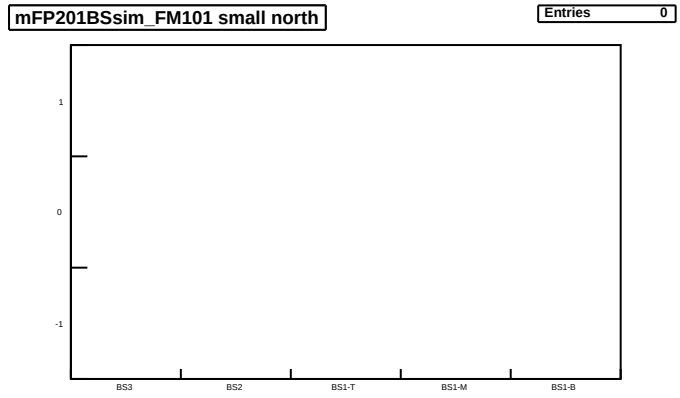

mFM104J -- South -- Bottom -- FM012
Entries 411825
Unused

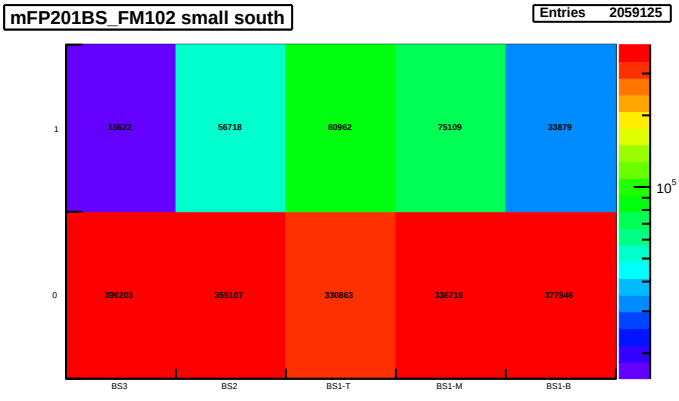

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

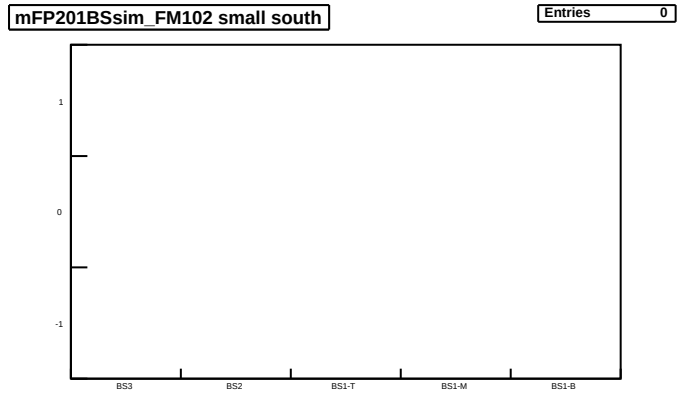

mFM104JP -- South -- Bottom -- FM012
Entries 823650
JP-EF
Unused

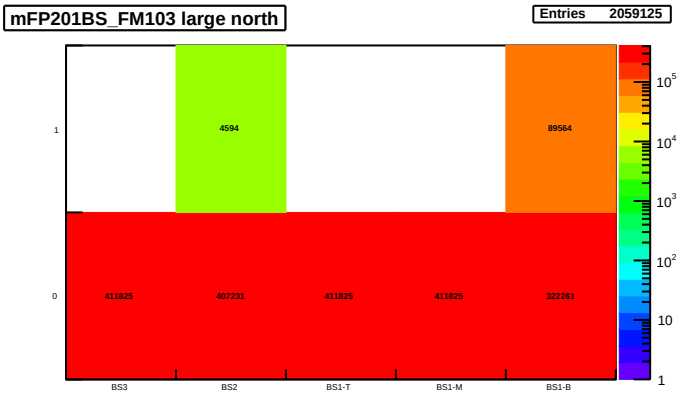

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

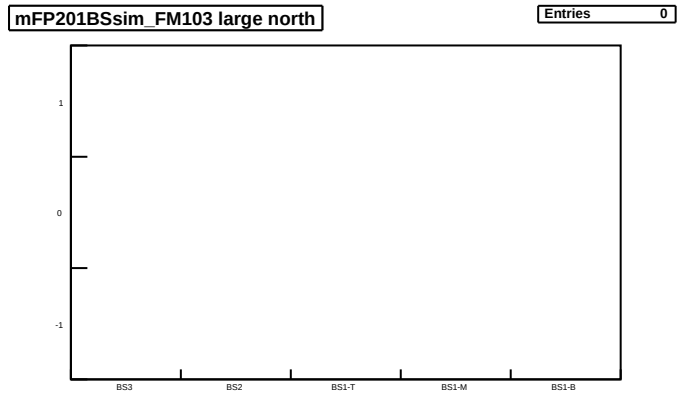

mFP201BS_FM101 small north
Entries 2059125
4887
29573
40446
36072
56073
406938
382252
371379
375753
355752
BS3
BS2
BS1-T
BS1-M
BS1-B

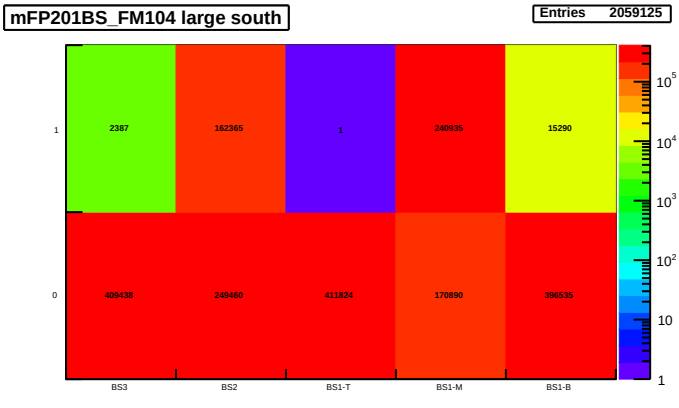

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

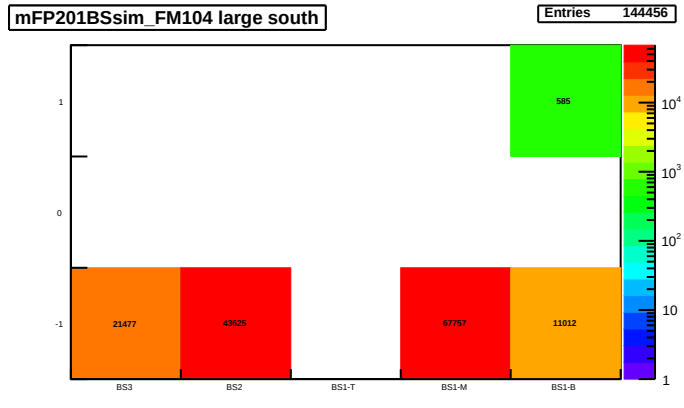

mFP201BS_FM102 small south
Entries 2059125
15622
56718
80962
75109
33879
396203
355107
330863
336716
377946
BS3
BS2
BS1-T
BS1-M
BS1-B

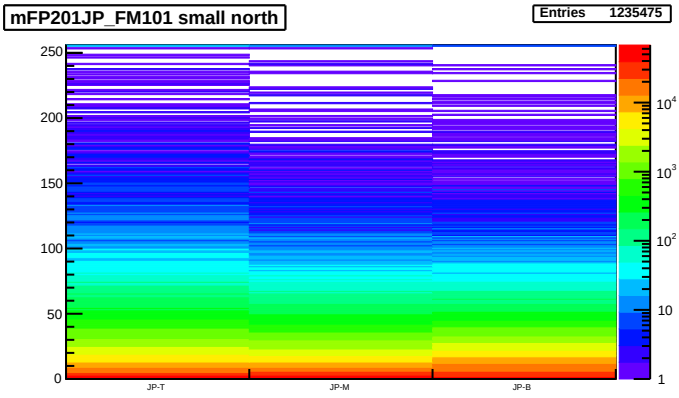

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

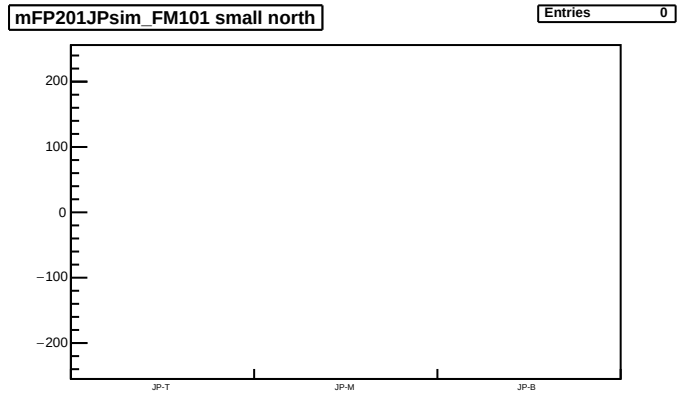

mFP201BS_FM103 large north
Entries 2059125
4594
89564
411825
407231
411825
411825
322261
BS3
BS2
BS1-T
BS1-M
BS1-B

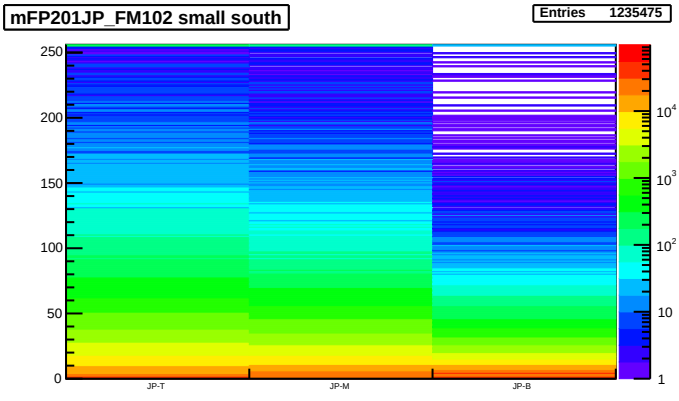

mFP201BSsim_FM103 large north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

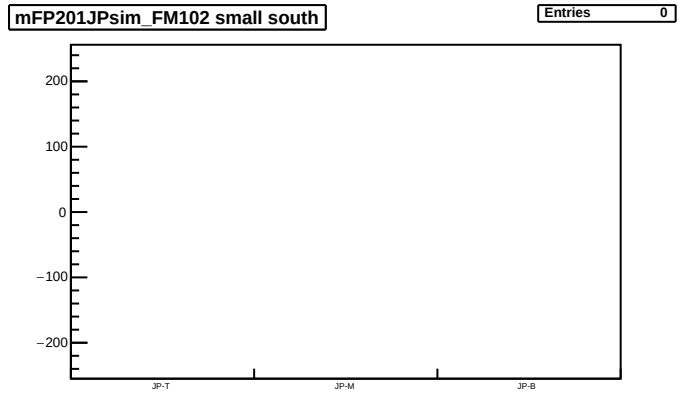

mFP201BS_FM104 large south
Entries 2059125
2387
162365
1
240935
15290
409438
249460
411824
170890
396535
BS3
BS2
BS1-T
BS1-M
BS1-B

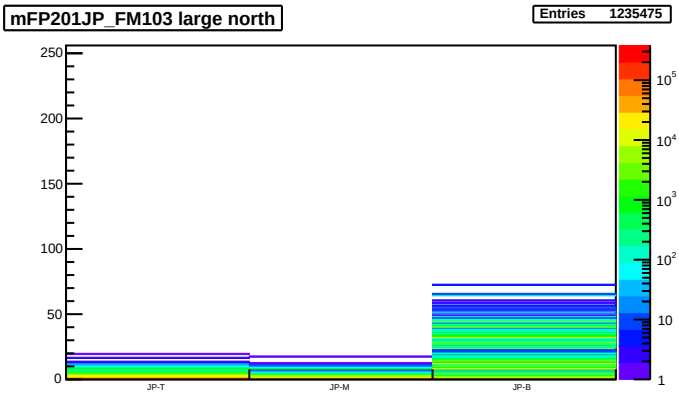

mFP201BSsim_FM104 large south
Entries 144456
585
21477
43625
67757
11012
BS3
BS2
BS1-T
BS1-M
BS1-B

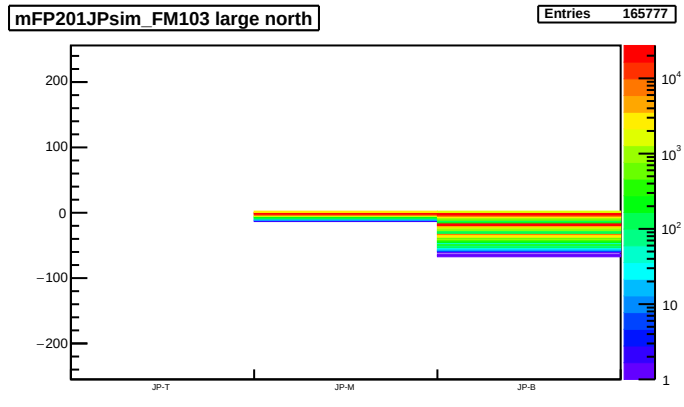

mFP201JP_FM101 small north
Entries 1235475
JP-T
JP-M
JP-B

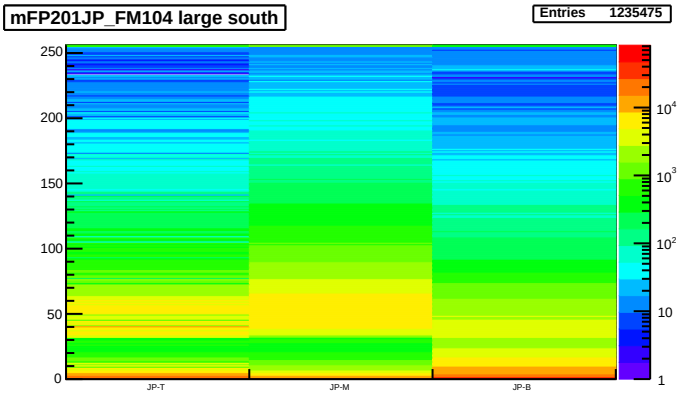

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

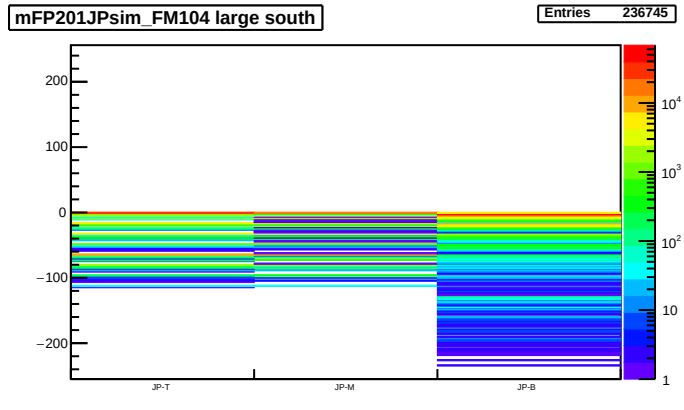

mFP201JP_FM102 small south
Entries 1235475
JP-T
JP-M
JP-B

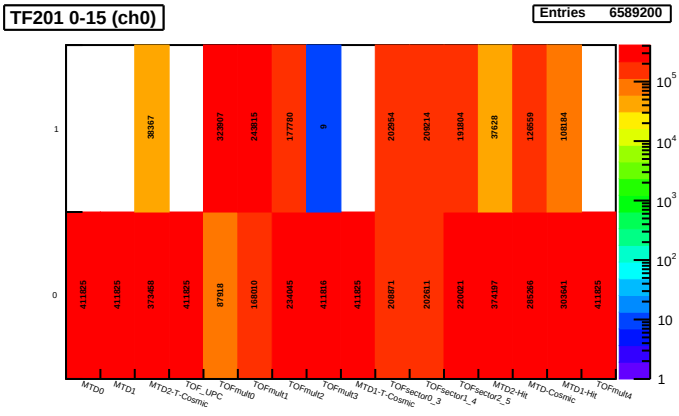

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

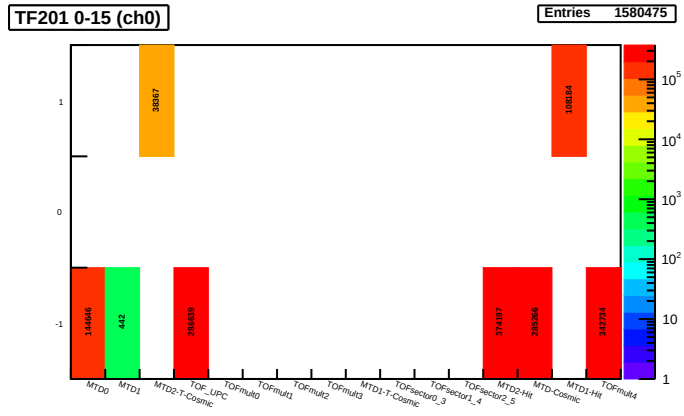

mFP201JP_FM103 large north
Entries 1235475
JP-T
JP-M
JP-B

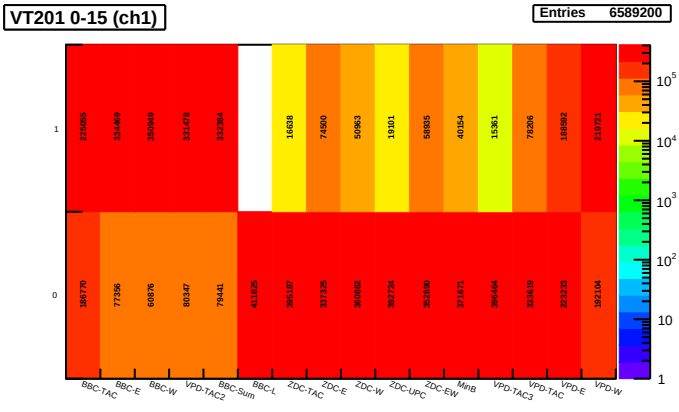

mFP201JPsim_FM103 large north
Entries 165777
JP-T
JP-M
JP-B

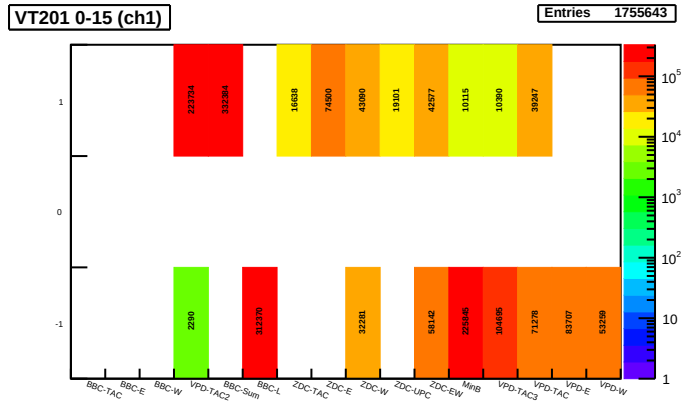

mFP201JP_FM104 large south
Entries 1235475
JP-T
JP-M
JP-B

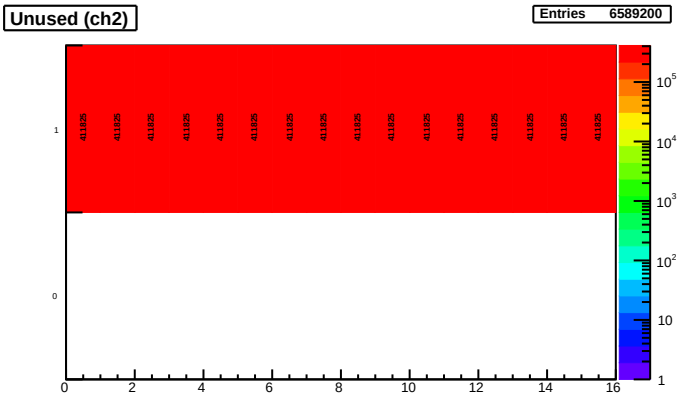

mFP201JPsim_FM104 large south
Entries 236745
JP-T
JP-M
JP-B

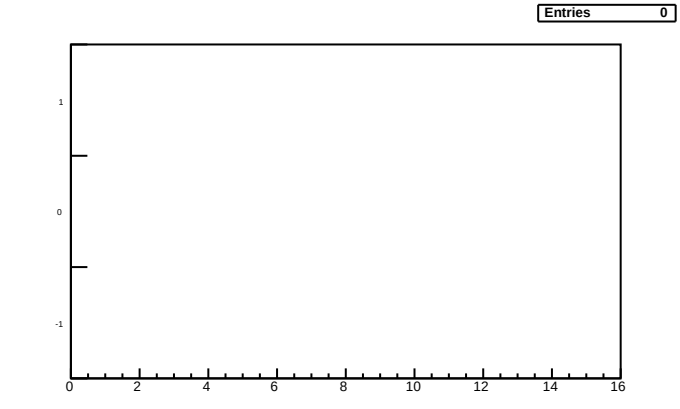

TF201 0-15 (ch0)
Entries 6589200
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

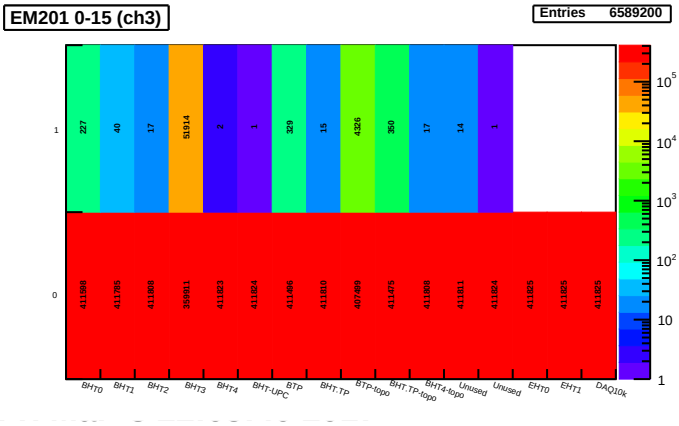

TF201 0-15 (ch0)
Entries 1580475
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

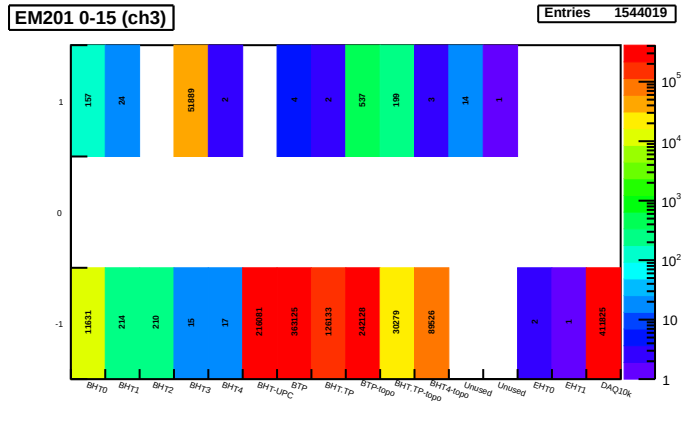

VT201 0-15 (ch1)
Entries 6589200
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

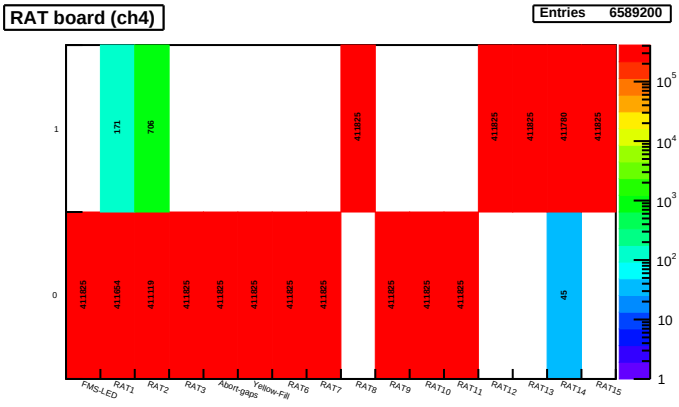

VT201 0-15 (ch1)
Entries 1755643
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

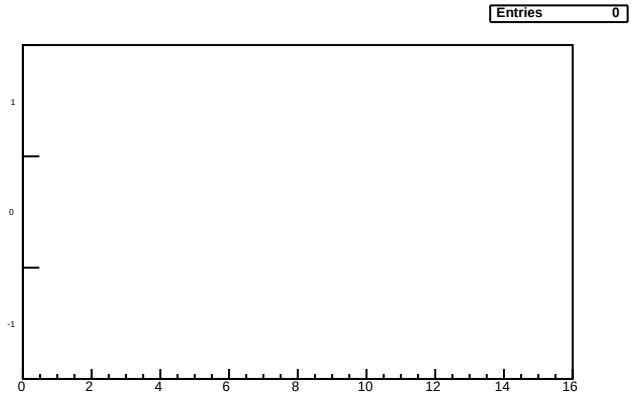

Unused (ch2)
Entries 6589200

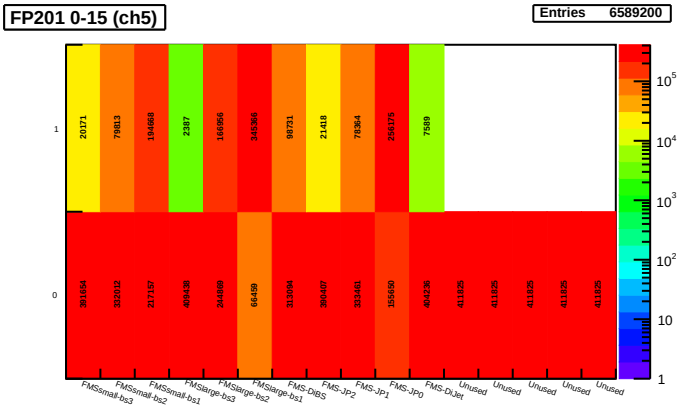

Entries 0

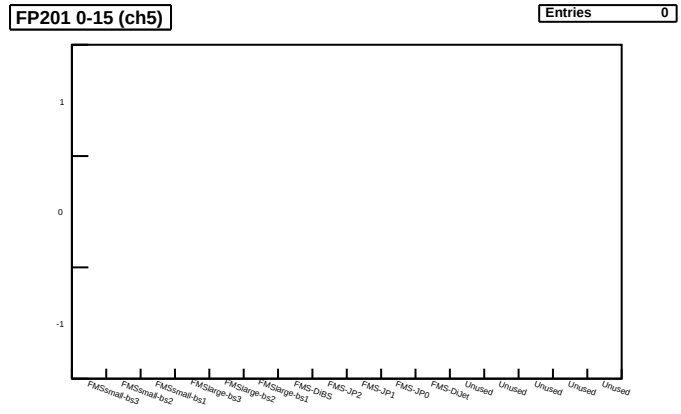

EM201 0-15 (ch3)
Entries 6589200
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

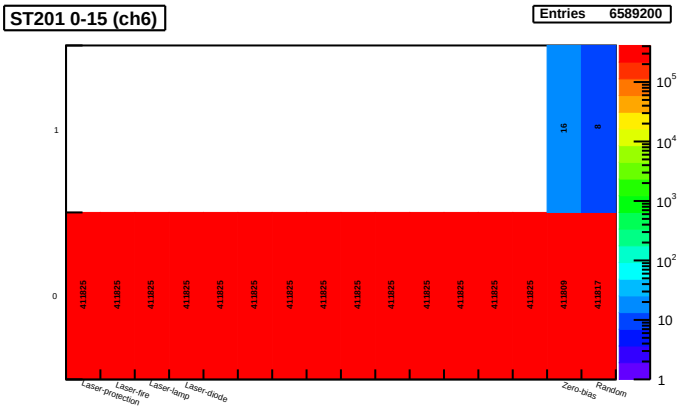

EM201 0-15 (ch3)
Entries 1544019
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k


RAT board (ch4)
Entries 6589200
171
706
411825
411825
411780
411825
411825
411654
411119
411825
411825
411825
411825
411825
411825
411825
411825
45
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 6589200
20171
79813
194668
2387
166956
345366
98731
21418
78364
256175
7589
301694
322012
217157
409438
240889
66499
313994
390407
333461
155650
404236
411825
411825
411825
411825
411825
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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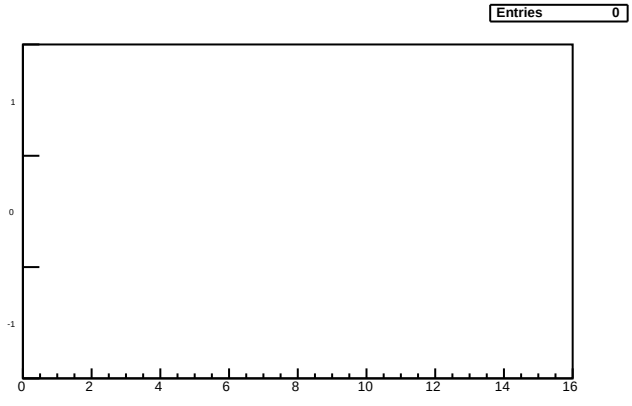
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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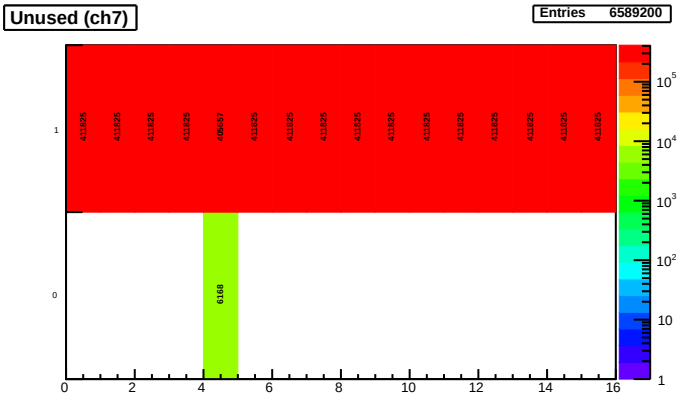
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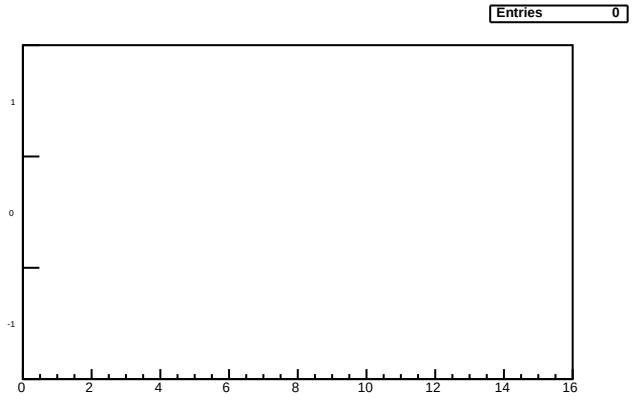
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