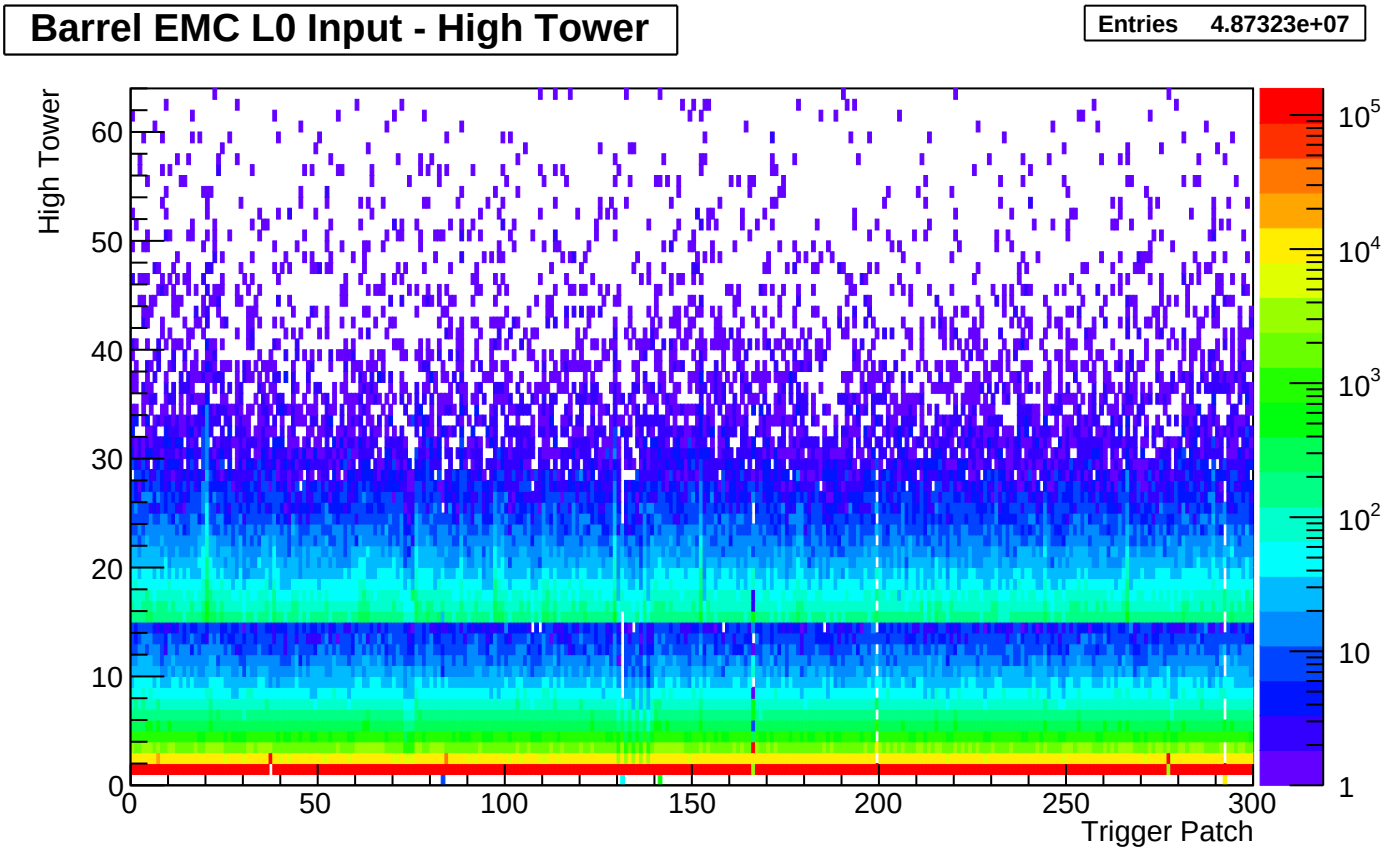
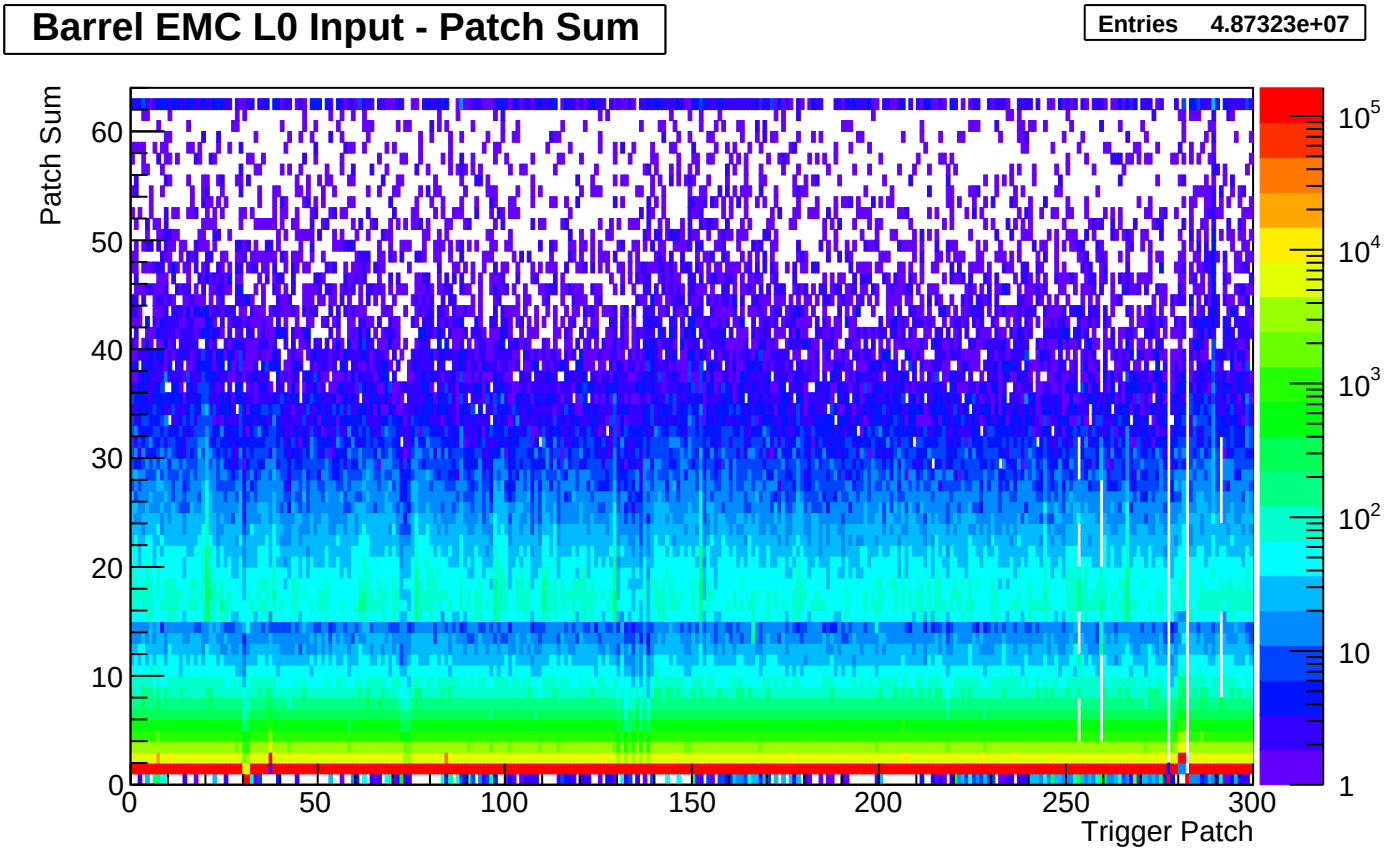
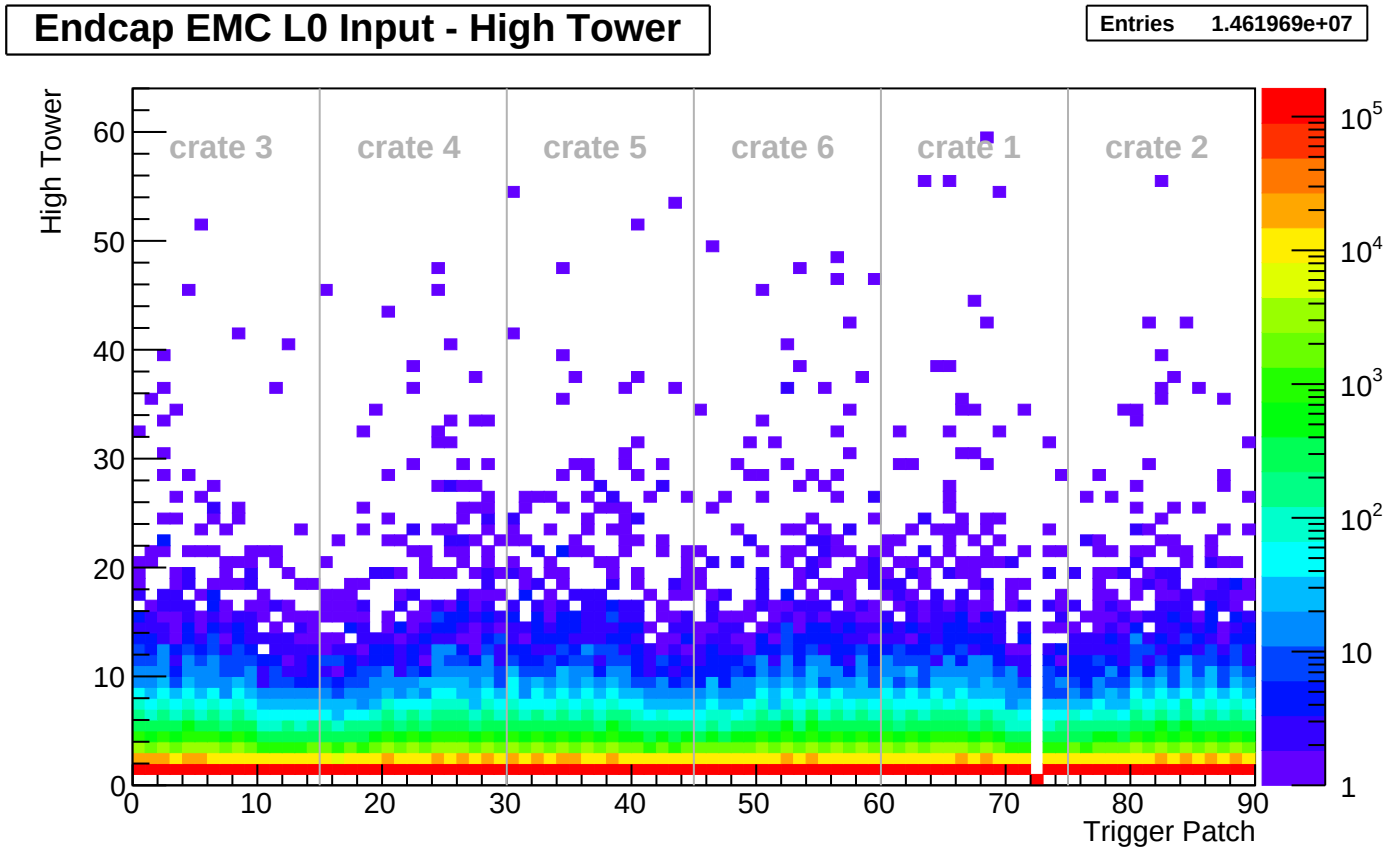
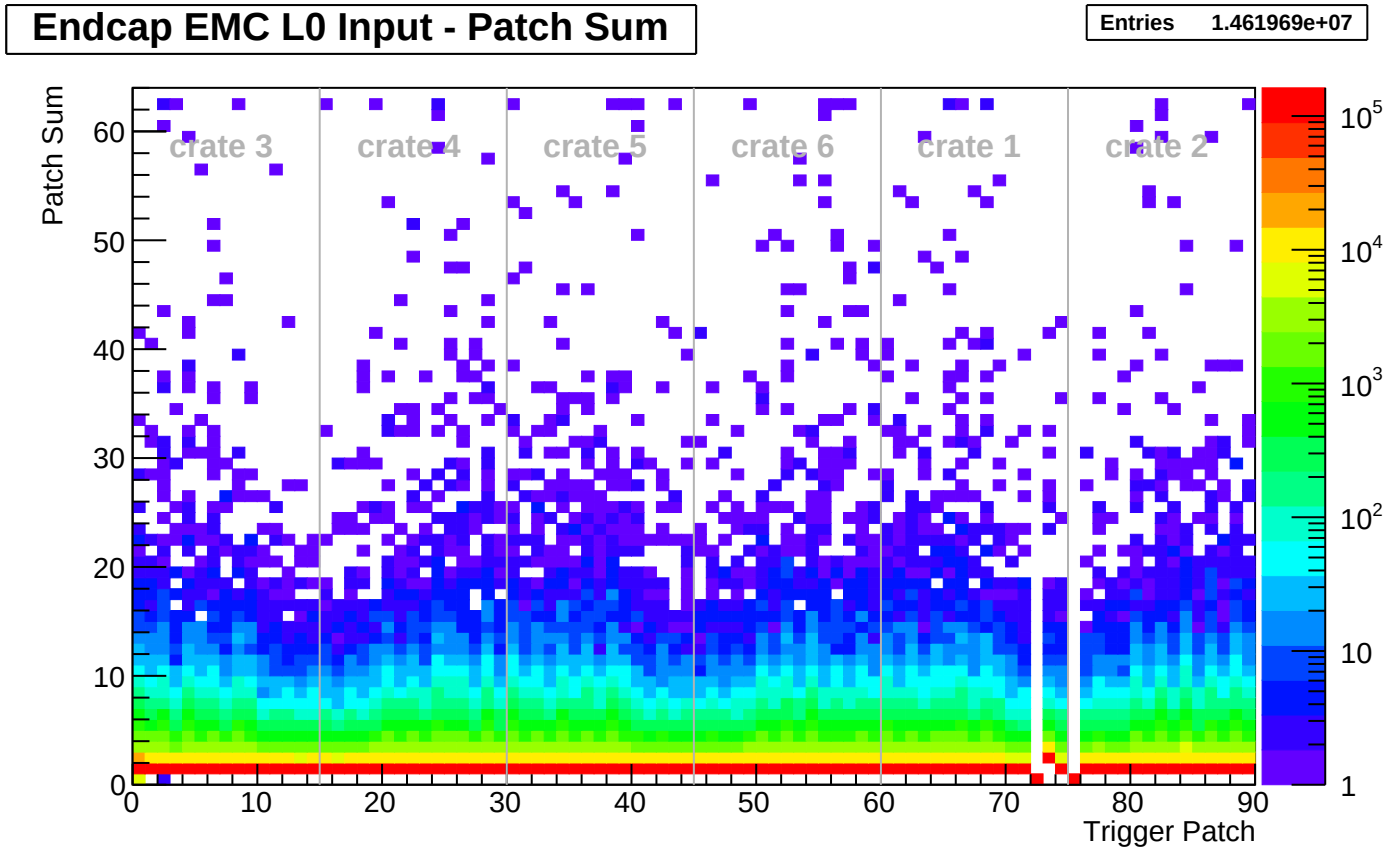
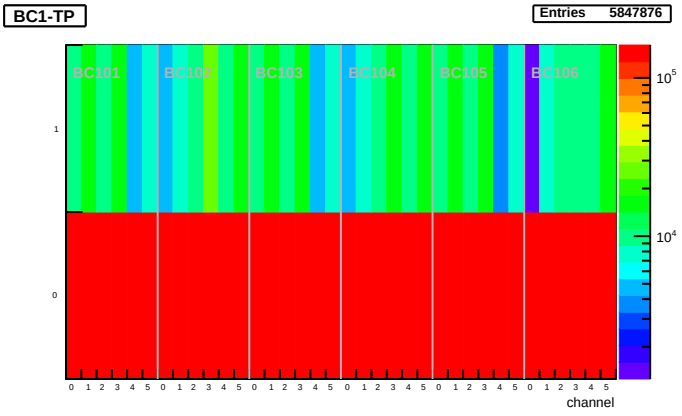
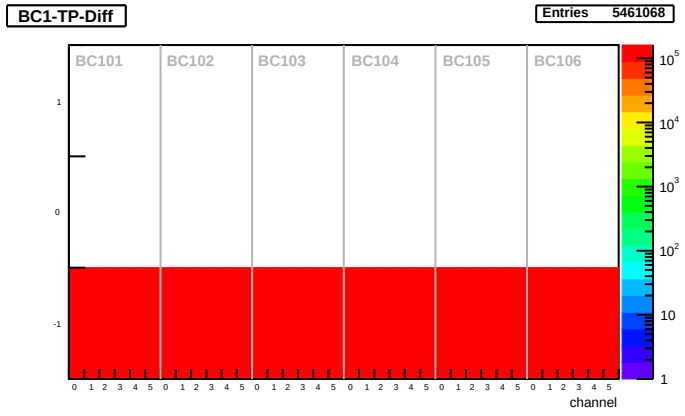

Barrel EMC L0 Input - High Tower
Entries 4.87323e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

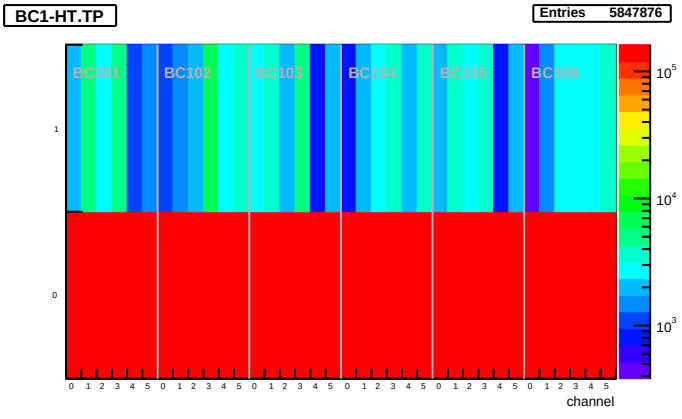

Barrel EMC L0 Input - Patch Sum
Entries 4.87323e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

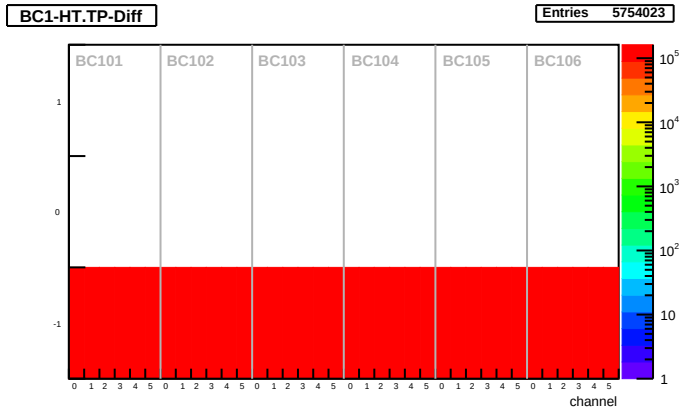

Endcap EMC L0 Input - High Tower
Entries 1.461969e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

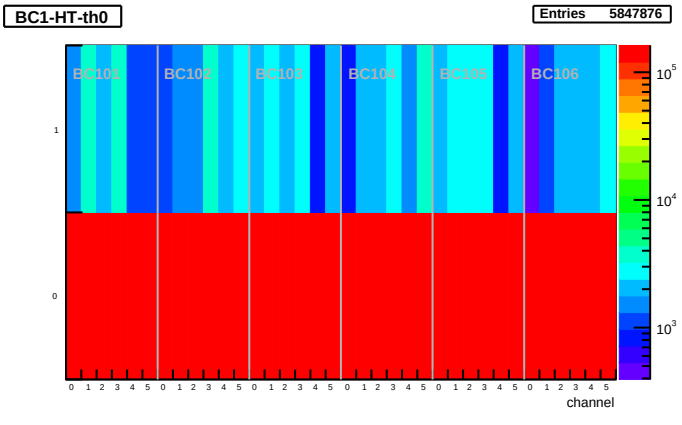

Endcap EMC L0 Input - Patch Sum
Entries 1.461969e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

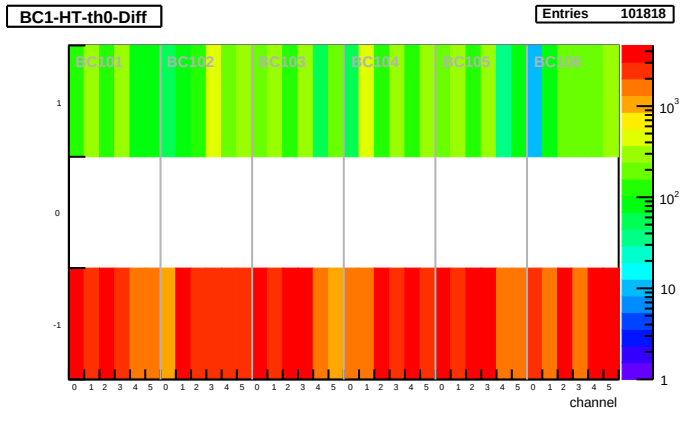

BC1-TP
Entries 5847876
BC101
BC102
BC103
BC104
BC105
BC106
channel

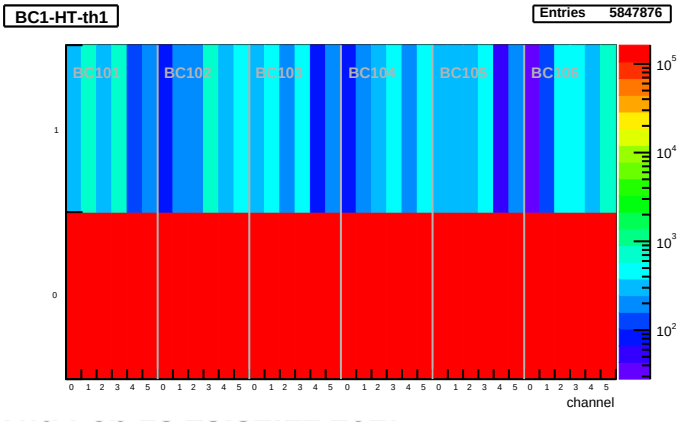

BC1-TP-Diff
Entries 5461068
BC101
BC102
BC103
BC104
BC105
BC106
channel

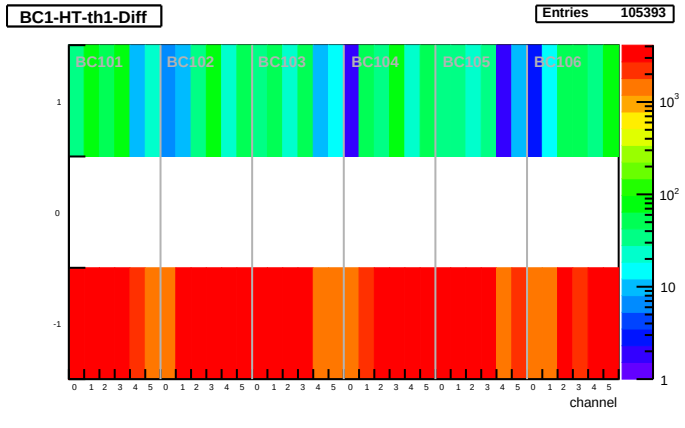

BC1-HT.TP
Entries 5847876
BC101
BC102
BC103
BC104
BC105
BC106
channel

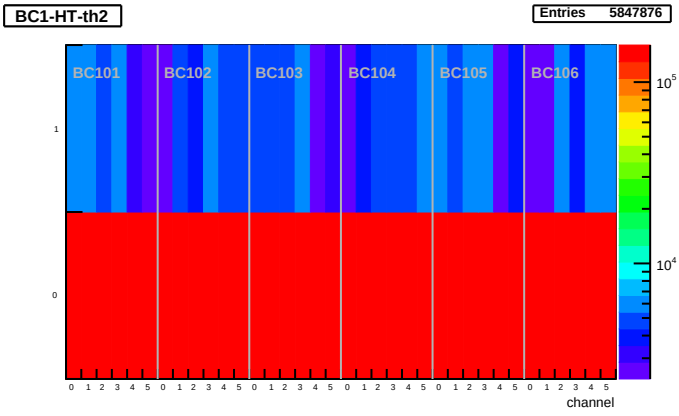

BC1-HT.TP-Diff
Entries 5754023
BC101
BC102
BC103
BC104
BC105
BC106
channel

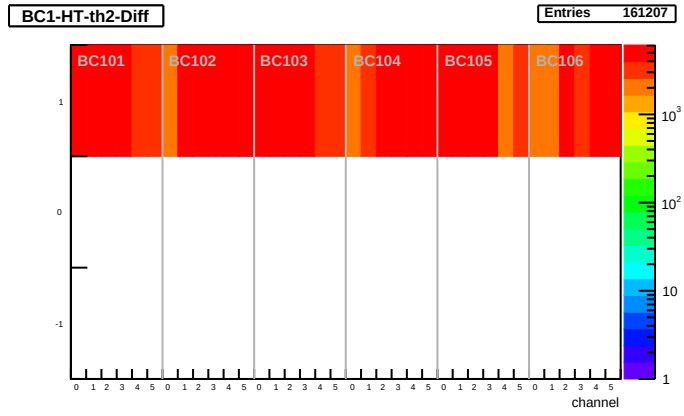

BC1-HT-th0
Entries 5847876
BC101
BC102
BC103
BC104
BC105
BC106
channel

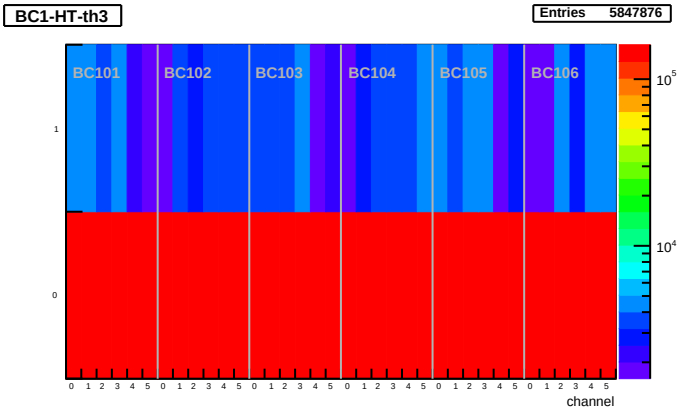

BC1-HT-th0-Diff
Entries 101818
BC101
BC102
BC103
BC104
BC105
BC106
channel

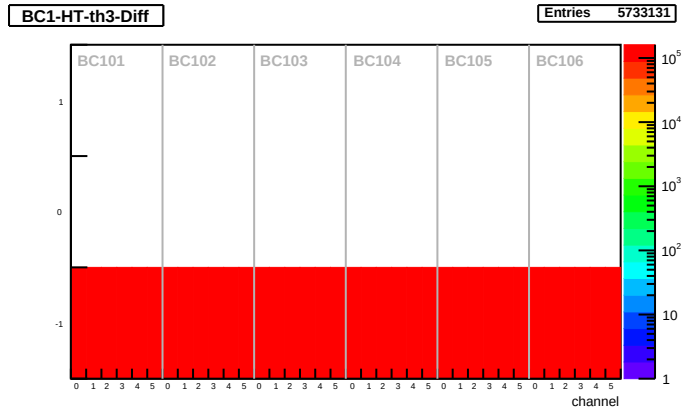

BC1-HT-th1
Entries 5847876
BC101
BC102
BC103
BC104
BC105
BC106
channel

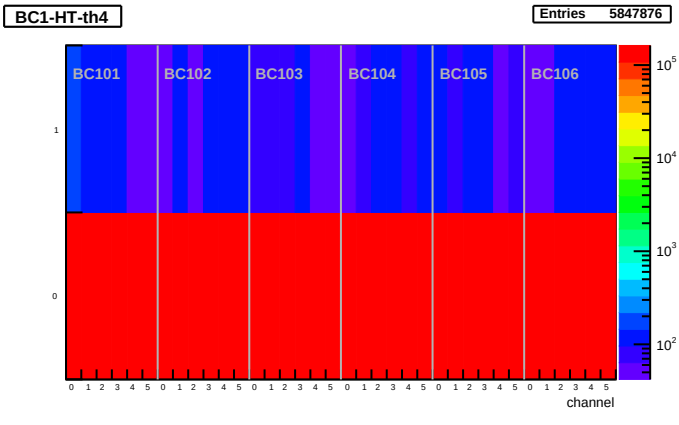

BC1-HT-th1-Diff
Entries 105393
BC101
BC102
BC103
BC104
BC105
BC106
channel

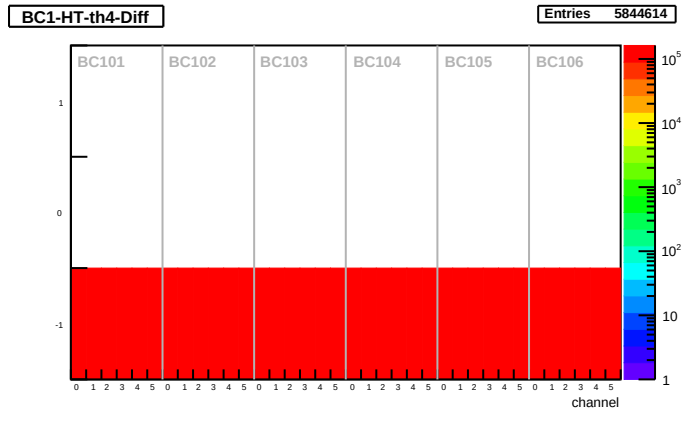

BC1-HT-th2
Entries 5847876
BC101
BC102
BC103
BC104
BC105
BC106
channel

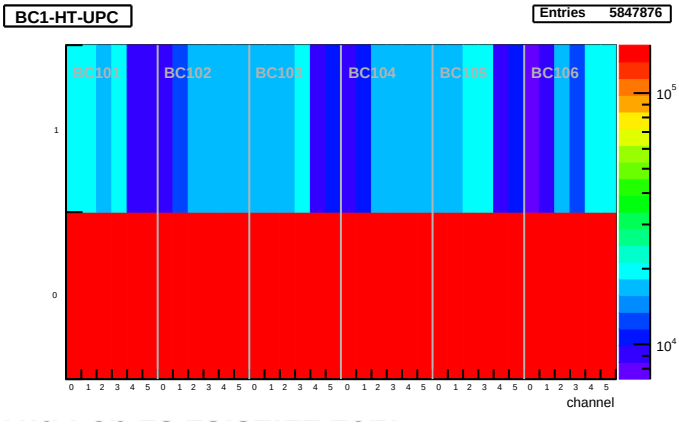

BC1-HT-th2-Diff
Entries 161207
BC101
BC102
BC103
BC104
BC105
BC106
channel

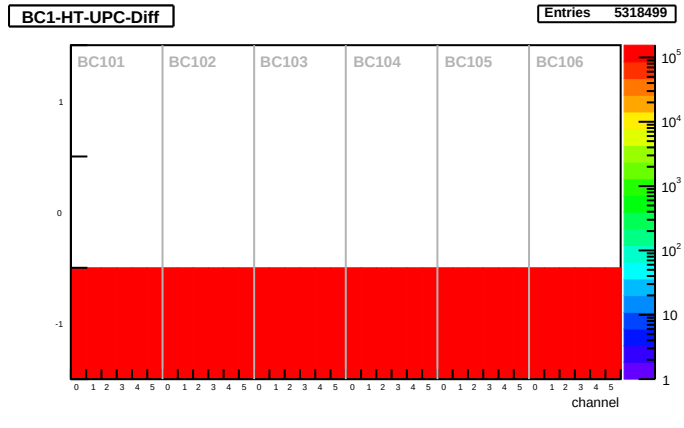

BC1-HT-th3
Entries 5847876
BC101
BC102
BC103
BC104
BC105
BC106
channel

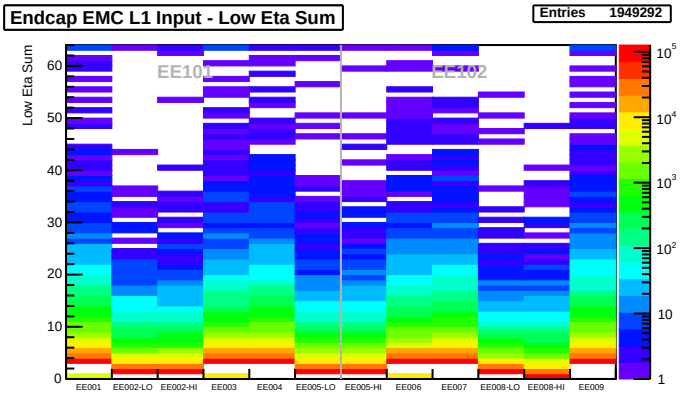

BC1-HT-th3-Diff
Entries 5733131
BC101
BC102
BC103
BC104
BC105
BC106
channel

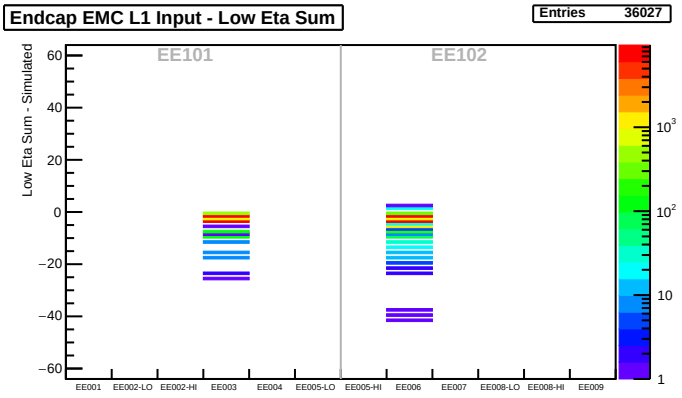

BC1-HT-th4
Entries 5847876
BC101
BC102
BC103
BC104
BC105
BC106
channel

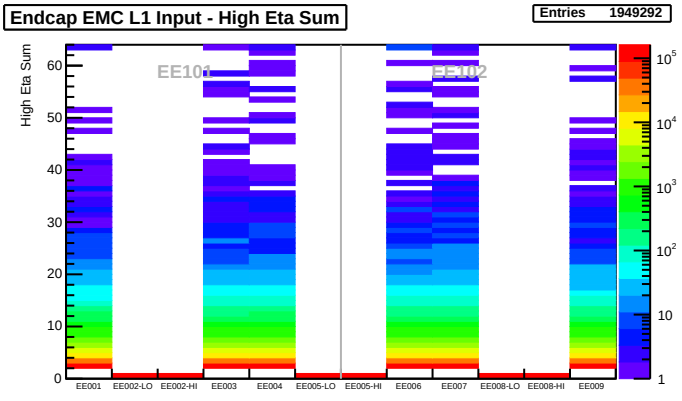

BC1-HT-th4-Diff
Entries 5844614
BC101
BC102
BC103
BC104
BC105
BC106
channel

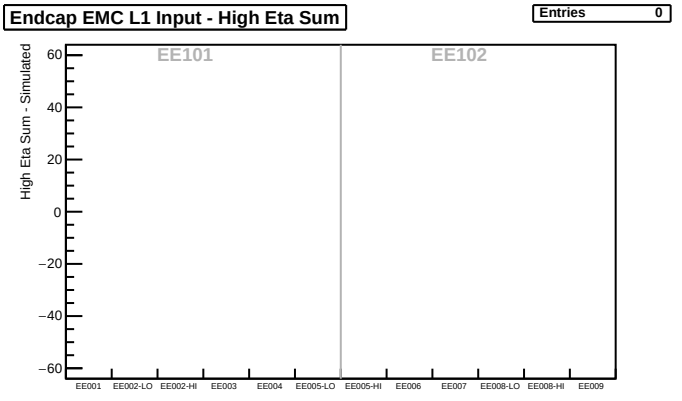

BC1-HT-UPC
Entries 5847876
BC101
BC102
BC103
BC104
BC105
BC106
channel

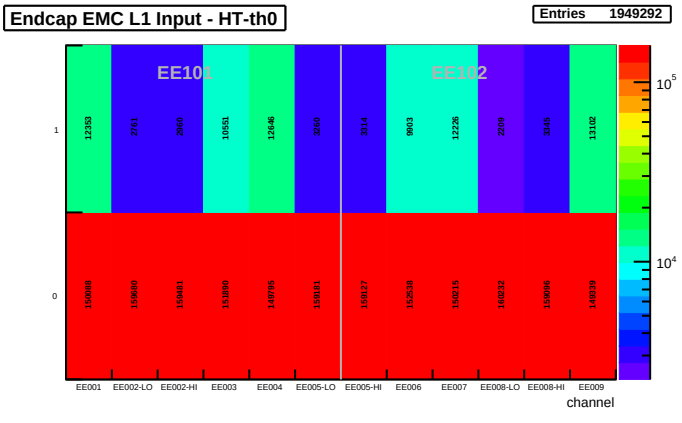

BC1-HT-UPC-Diff
Entries 5318499
BC101
BC102
BC103
BC104
BC105
BC106
channel

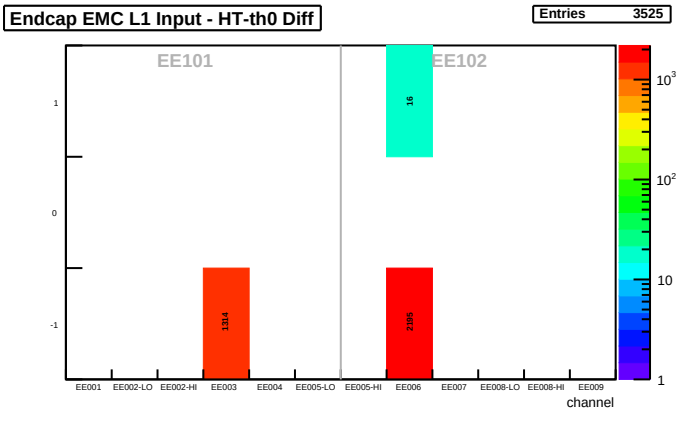

Endcap EMC L1 Input - Low Eta Sum
Entries 1949292
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

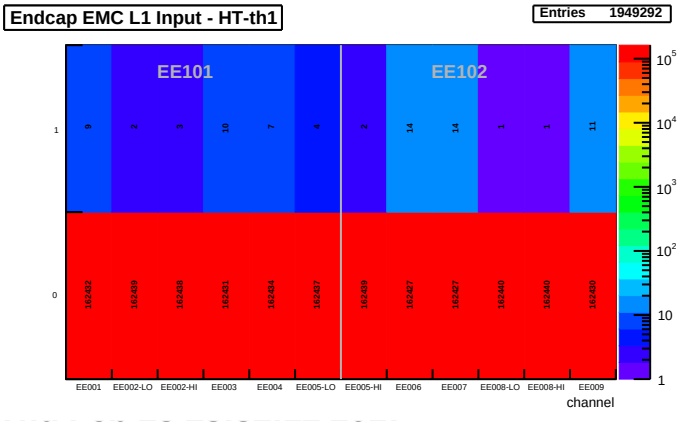

Endcap EMC L1 Input - Low Eta Sum
Entries 36027
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

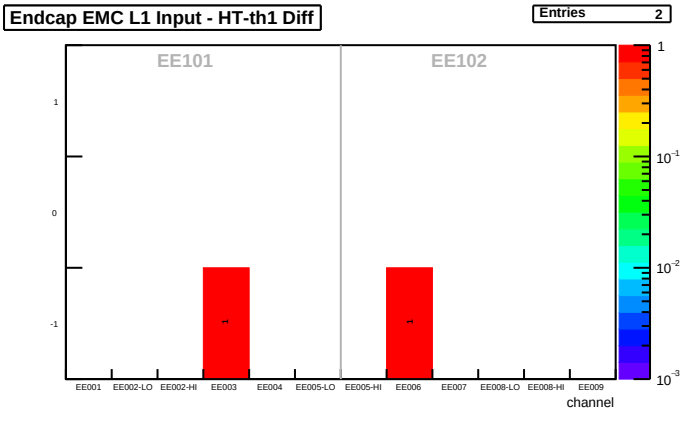

Endcap EMC L1 Input - High Eta Sum
Entries 1949292
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

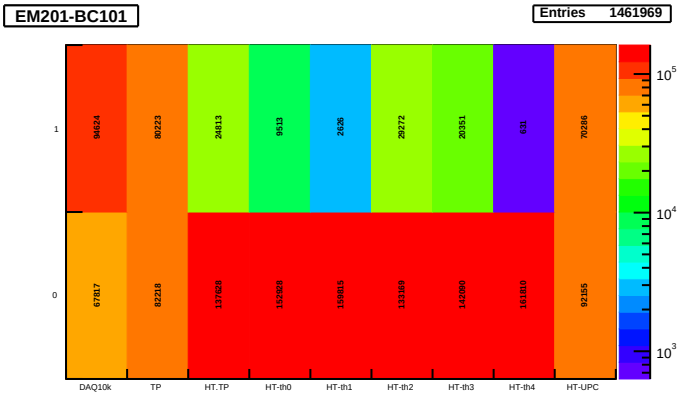

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

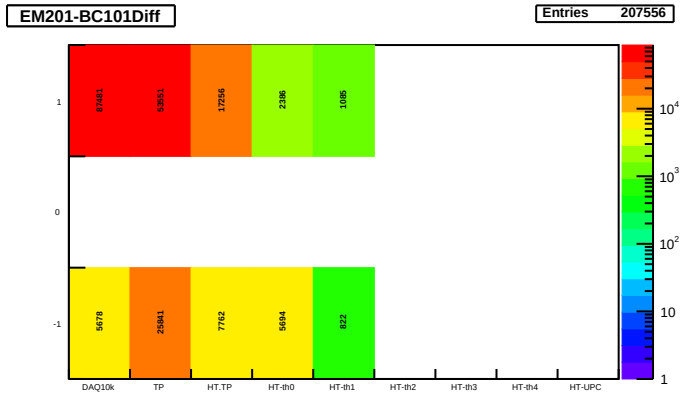

Endcap EMC L1 Input - HT-th0
Entries 1949292
EE101
EE102
12353 2761 2560 10531 12646 3260 3314 9903 12226 2209 3345 13102
150088 159680 159481 153990 149795 159181 159127 152538 159215 160232 150096 148339
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

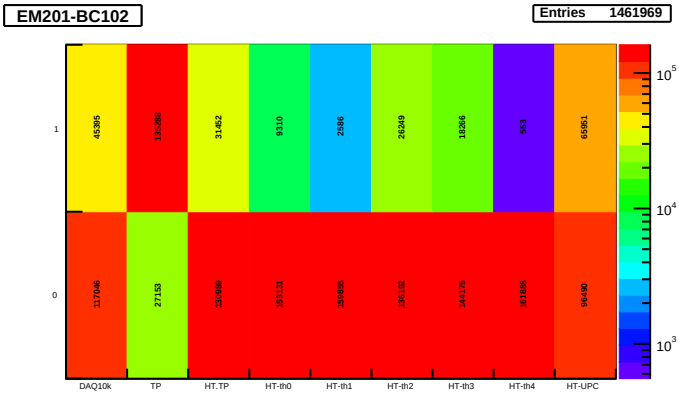

Endcap EMC L1 Input - HT-th0 Diff
Entries 3525
EE101
EE102
16
1314
2195
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

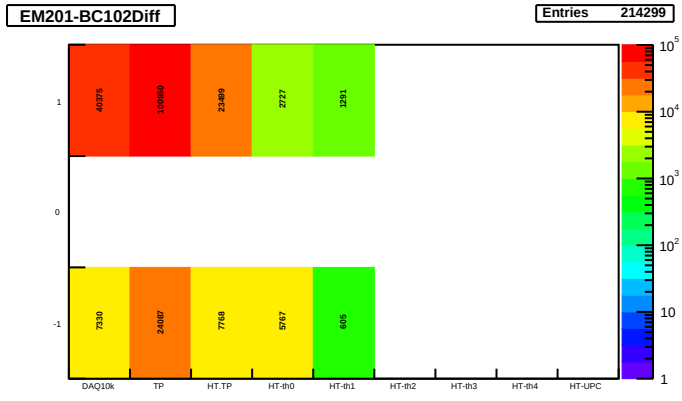

Endcap EMC L1 Input - HT-th1
Entries 1949292
EE101
EE102
9 2 3 10 7 4 2 14 14 1 1 11
162432 162439 162433 162431 162434 162437 162439 162427 162427 162440 162440 162430
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

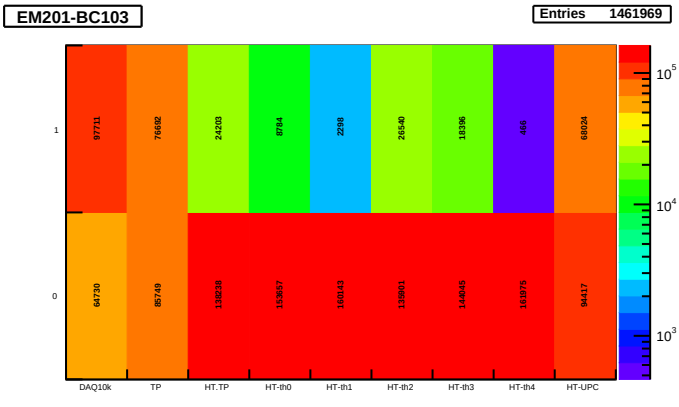

Endcap EMC L1 Input - HT-th1 Diff
Entries 2
EE101
EE102
1
1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

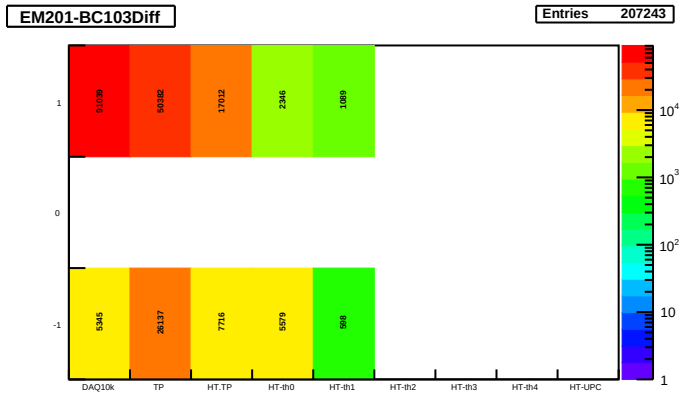

EM201-BC101
Entries 1461969
1
0
94624
80223
24813
9513
2626
29272
20351
631
70286
67817
82218
137828
152928
159815
133169
142090
161810
92155
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3

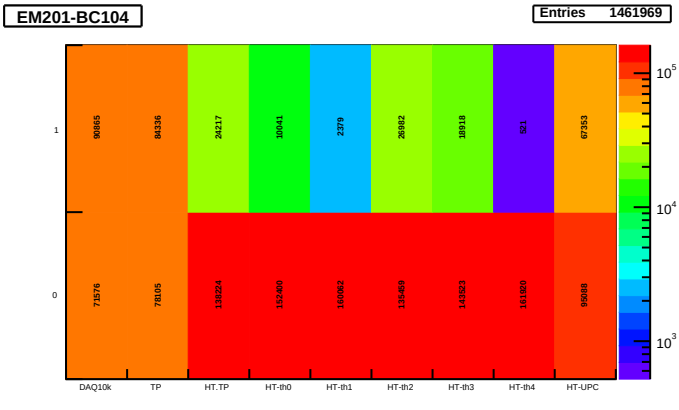

EM201-BC101Diff
Entries 207556
1
0
-1
37461
53951
17256
2396
1085
5678
25941
7762
5694
822
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

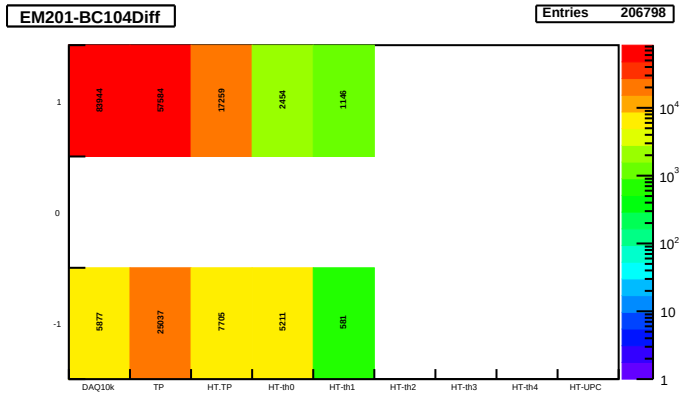

EM201-BC102
Entries 1461969
1
0
45395
135288
31462
9310
2596
26249
18256
553
65951
117046
27153
120939
153131
159855
136182
144175
161888
96480
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3


EM201-BC102Diff
Entries 214299
1
0
-1
40375
100850
23489
2727
1291
7330
24087
7768
5767
605
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

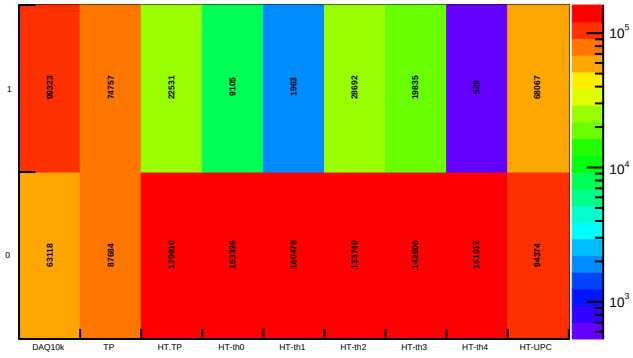

EM201-BC103
Entries 1461969
1
0
97711
76692
24203
8784
2298
26540
18396
466
68024
64730
85749
138238
153657
160143
138001
144045
163975
94417
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3


EM201-BC103Diff
Entries 207243
1
0
-1
51039
50382
17012
2346
1069
5345
26137
7716
5579
598
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

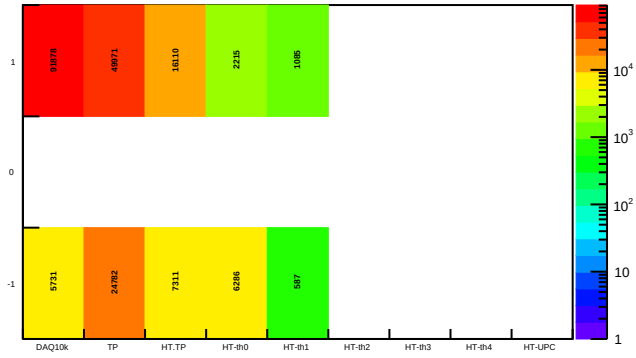

EM201-BC104
Entries 1461969
1
0
90865
84336
24217
10041
2379
26932
18918
521
67353
71576
78105
138224
152400
160062
135469
143923
161520
99088
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3


EM201-BC104Diff
Entries 206798
1
0
-1
53944
57584
17259
2454
1146
5877
25037
7705
5211
581
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

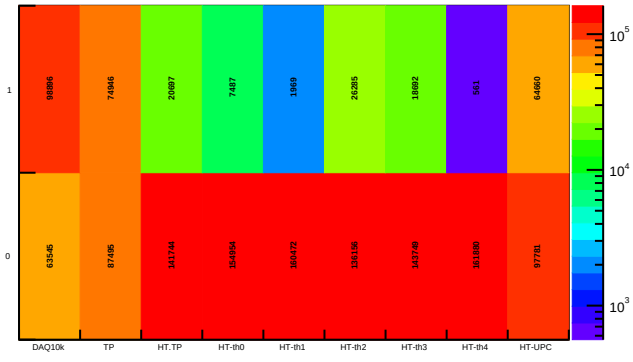
EM201-BC105 Entries 1461969



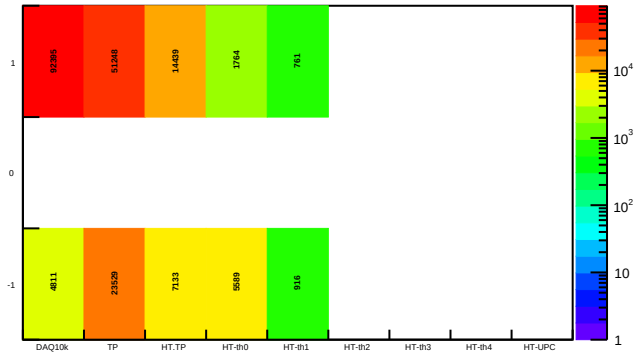
EM201-BC105Diff Entries 205956



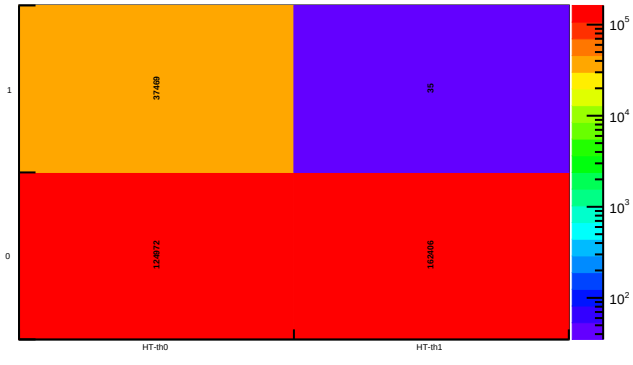
EM201-BC106 Entries 1461969



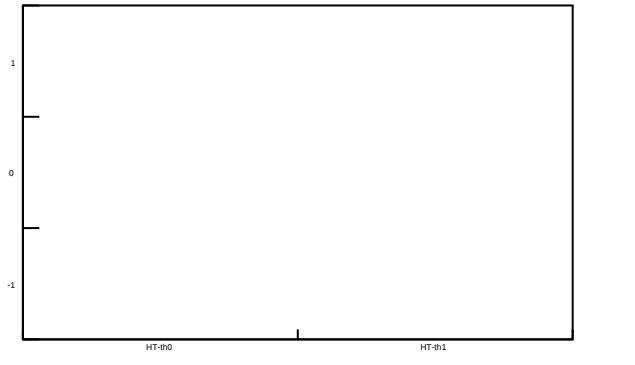
EM201-BC106Diff Entries 202585



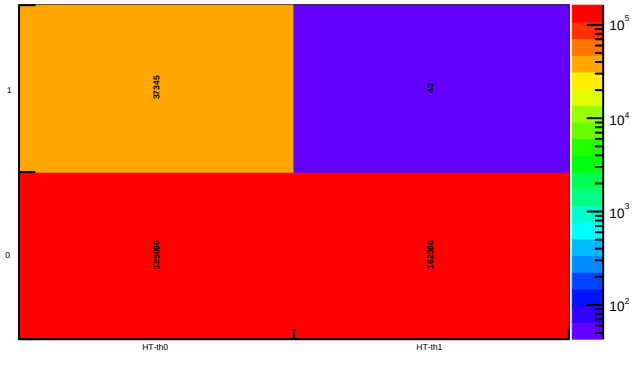
EM201-EE101 Entries 324882



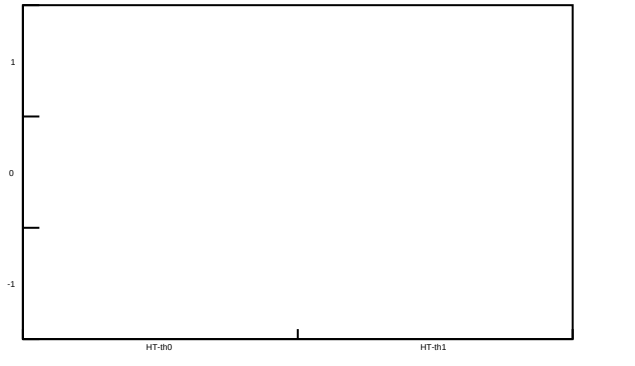
EM201-EE101Diff Entries 0

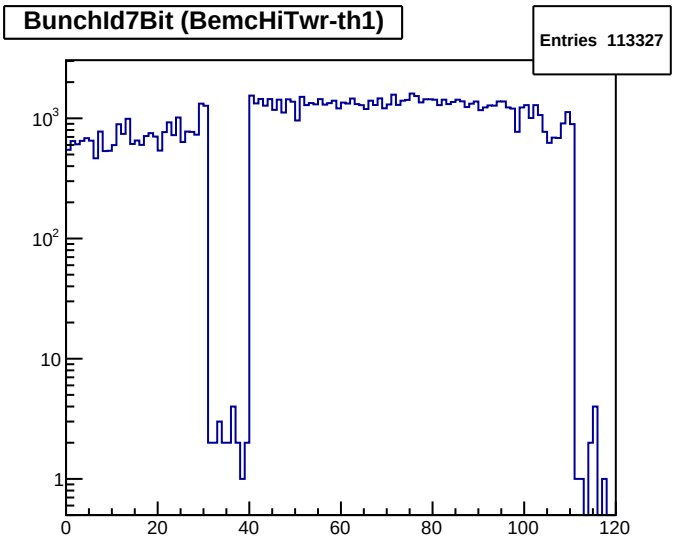


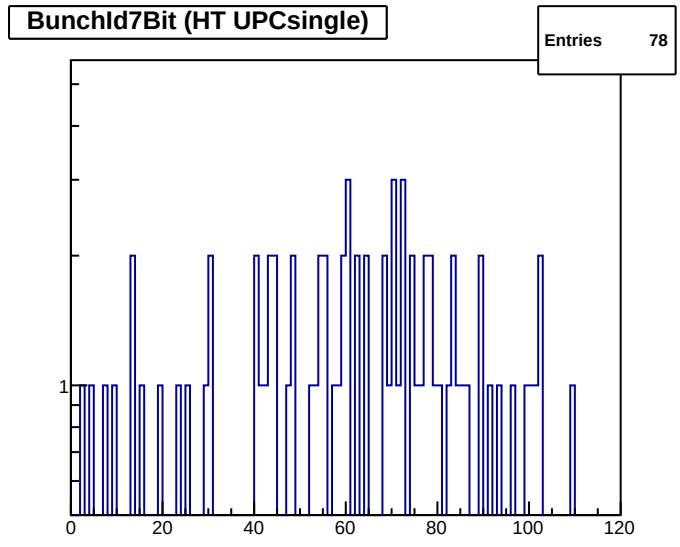
EM201-EE102 Entries 324882

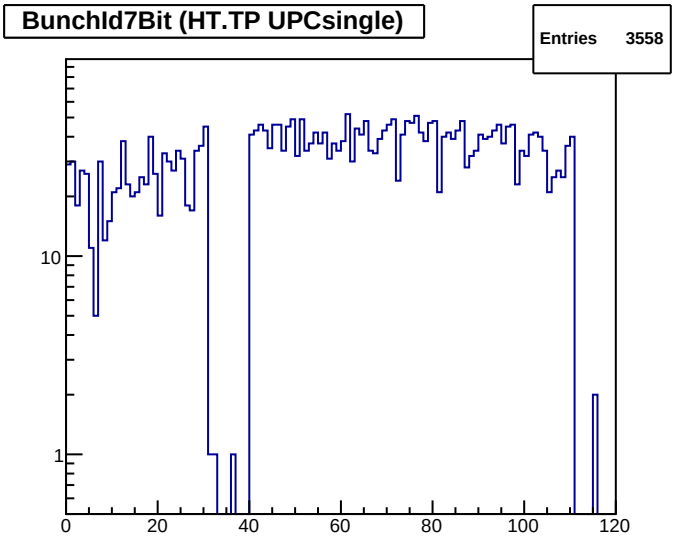


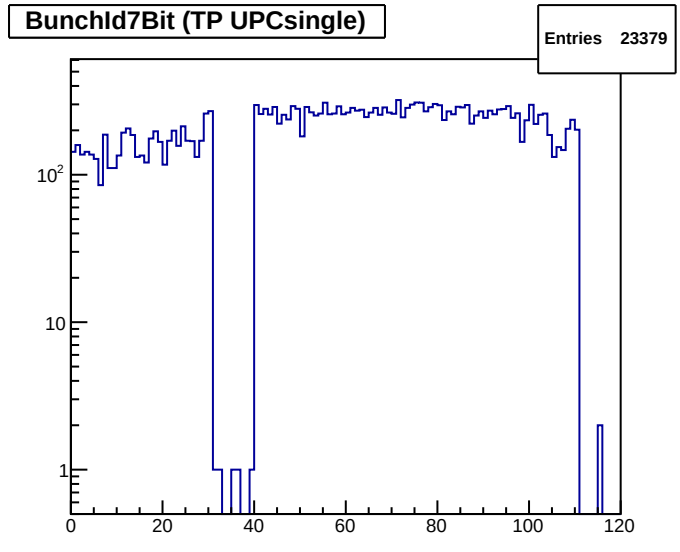
EM201-EE102Diff Entries 0

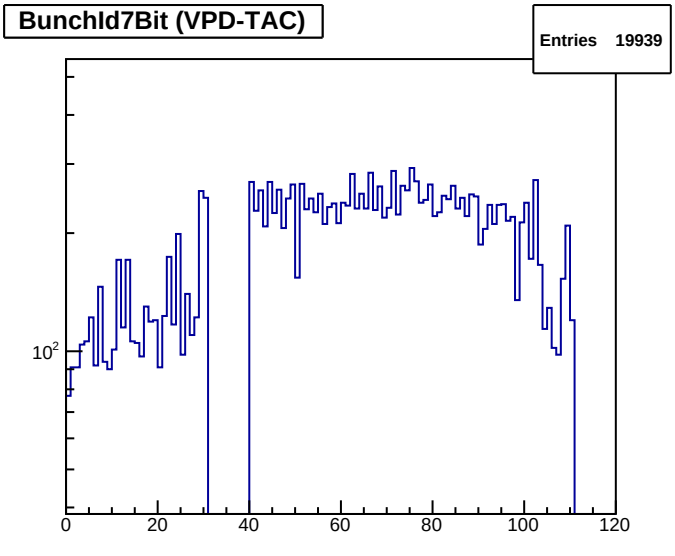


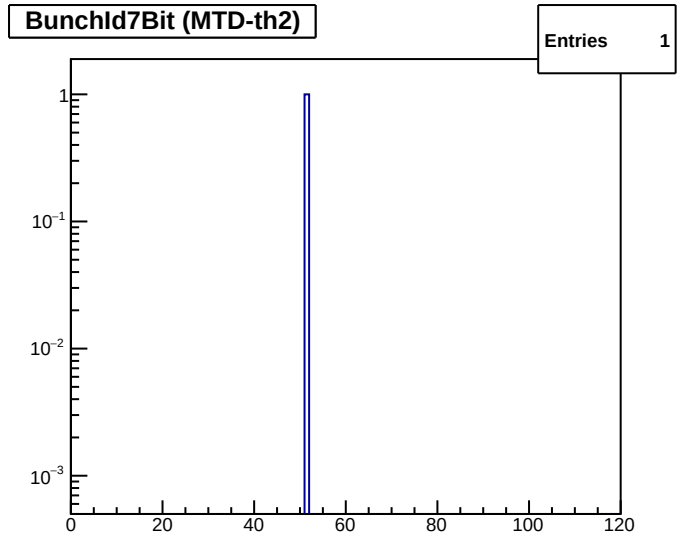

BunchId7Bit (BemcHiTwr-th1)
Entries 113327
10^3
10^2
10
1
0
20
40
60
80
100
120

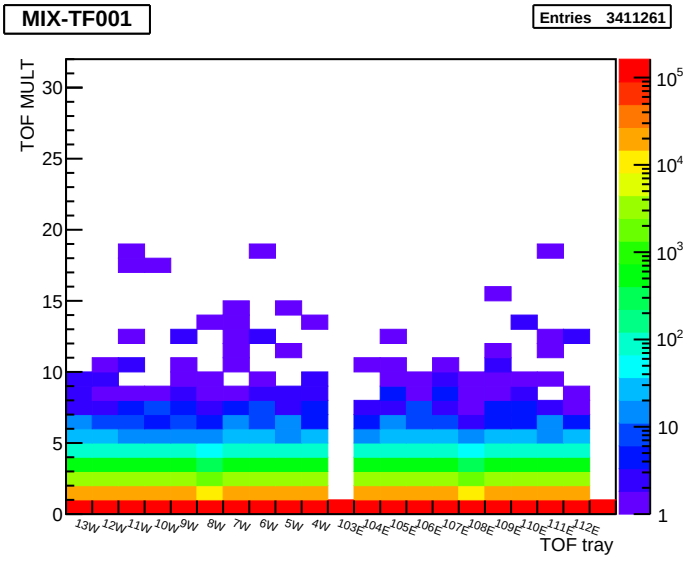

BunchId7Bit (HT UPCsingle)
Entries 78
1
0
20
40
60
80
100
120

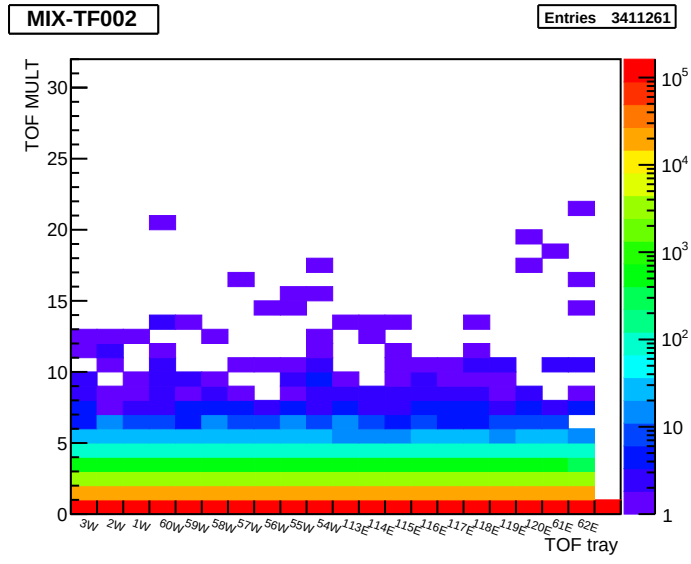

BunchId7Bit (HT.TP UPCsingle)
Entries 3558
10
1
0
20
40
60
80
100
120

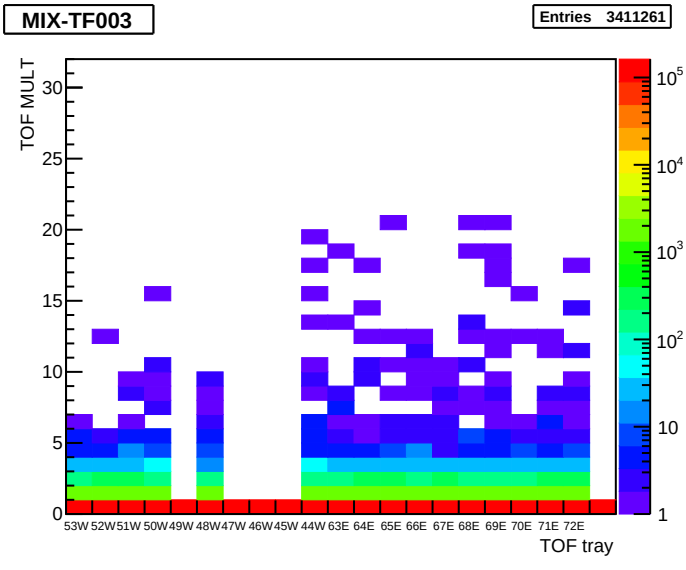

BunchId7Bit (TP UPCsingle)
Entries 23379
10^2
10
1
0
20
40
60
80
100
120

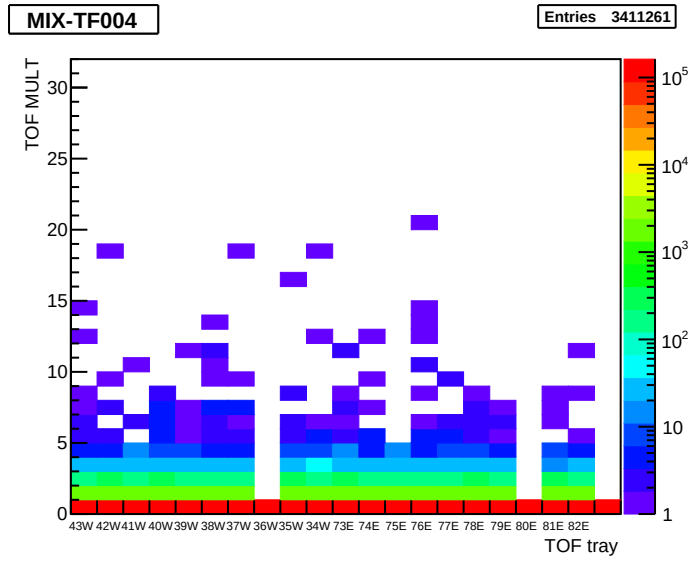

BunchId7Bit (VPD-TAC)
Entries 19939
10^2
0
20
40
60
80
100
120

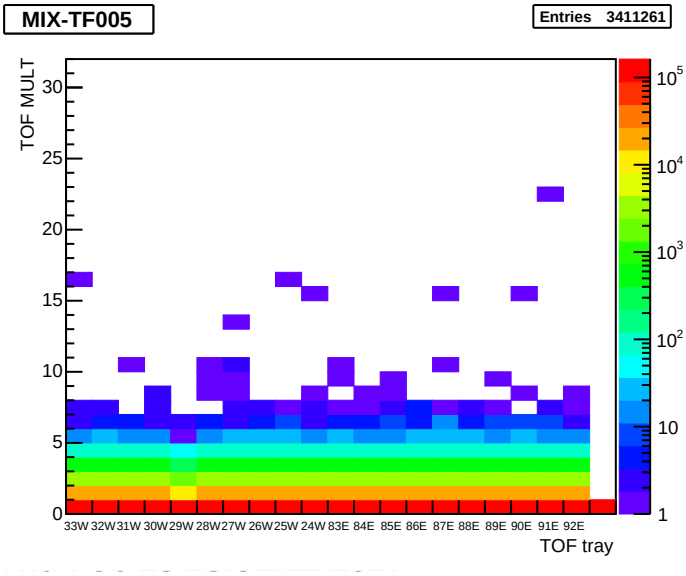

BunchId7Bit (MTD-th2)
Entries 1
1
10^{-1}
10^{-2}
10^{-3}
0
20
40
60
80
100
120

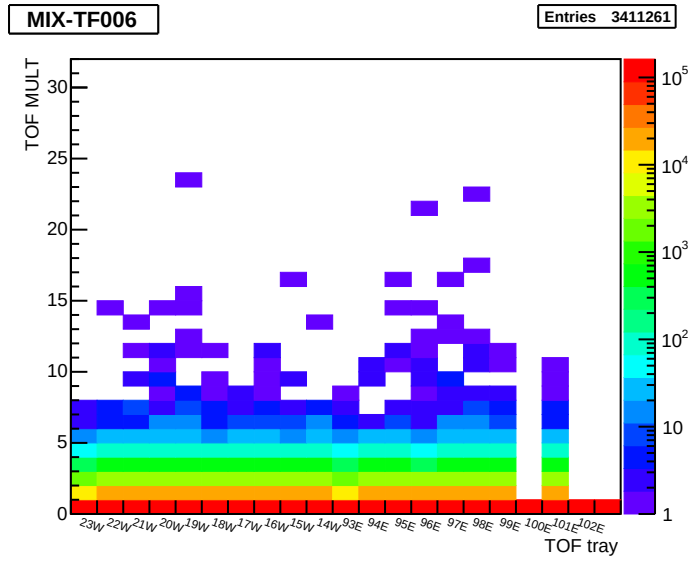

MIX-TF001
Entries 3411261
TOF MULT
TOF tray

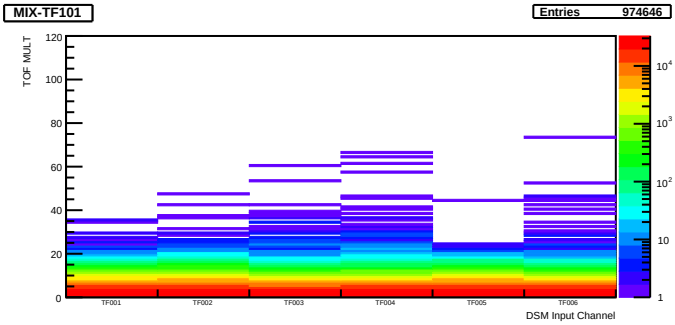

MIX-TF002
Entries 3411261
TOF MULT
TOF tray

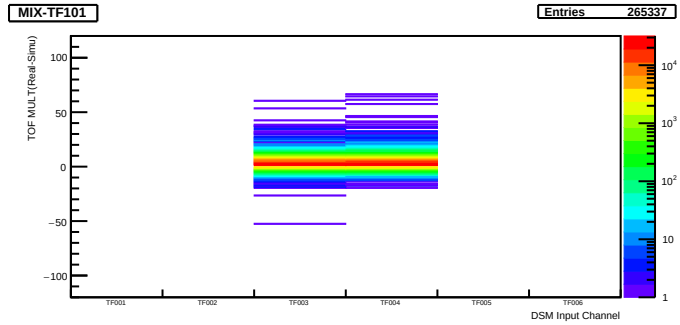

MIX-TF003
Entries 3411261
TOF MULT
TOF tray

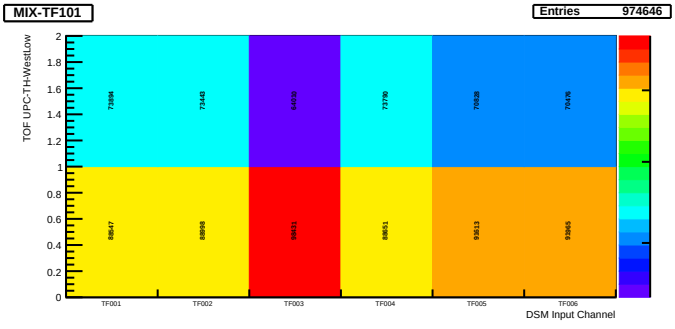

MIX-TF004
Entries 3411261
TOF MULT
TOF tray

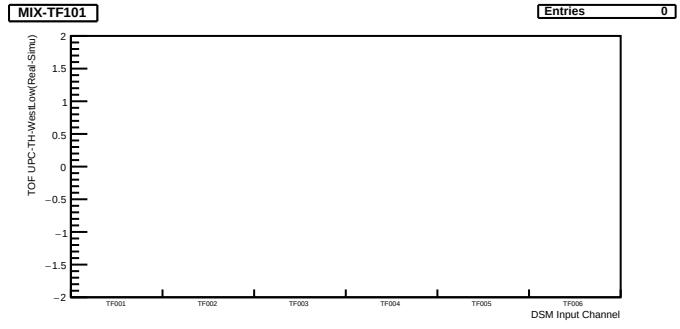

MIX-TF005
Entries 3411261
TOF MULT
TOF tray

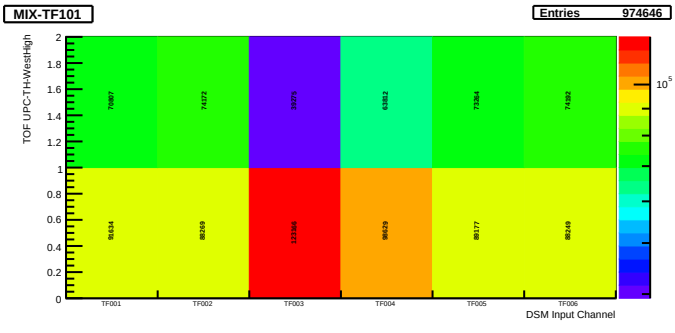

MIX-TF006
Entries 3411261
TOF MULT
TOF tray

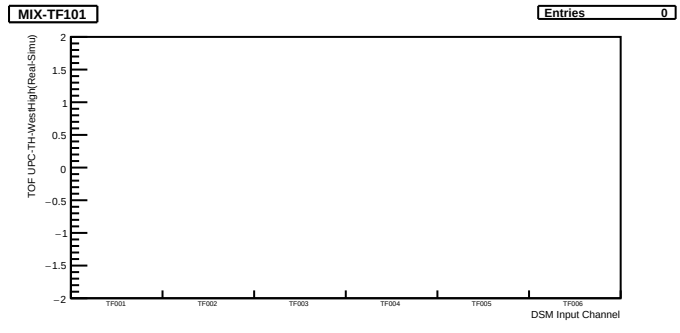

MIX-TF101
Entries 974646
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

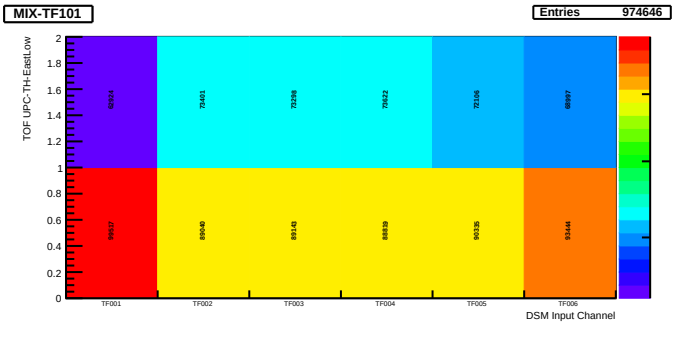

MIX-TF101
Entries 265337
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

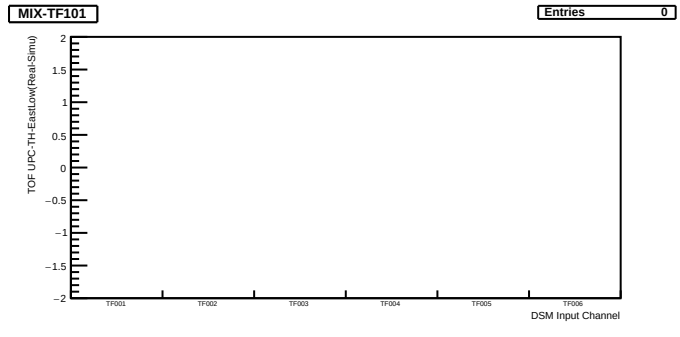

MIX-TF101
Entries 974646
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

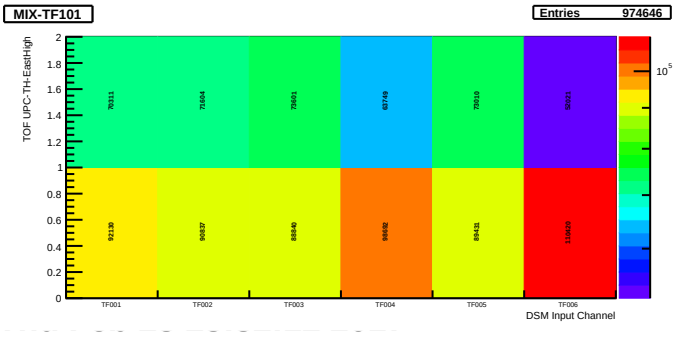

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

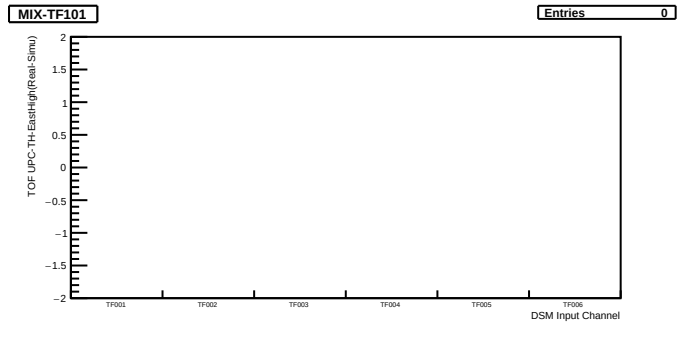

MIX-TF101
Entries 974646
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

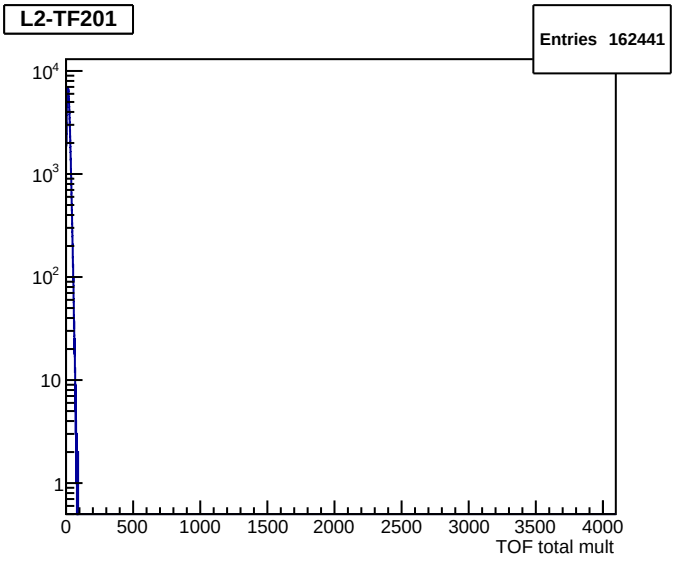

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

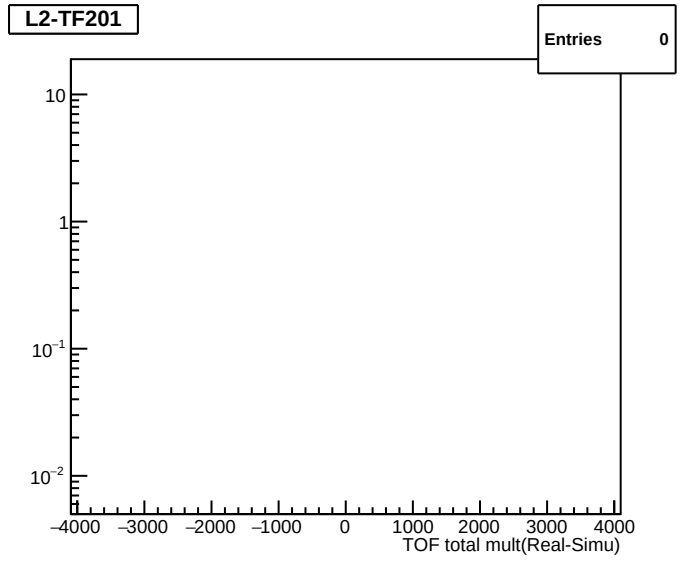

MIX-TF101
Entries 974646
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

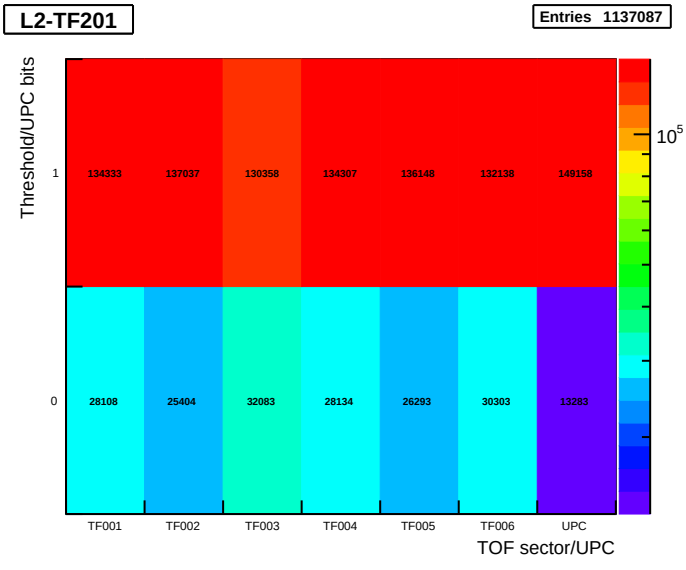

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

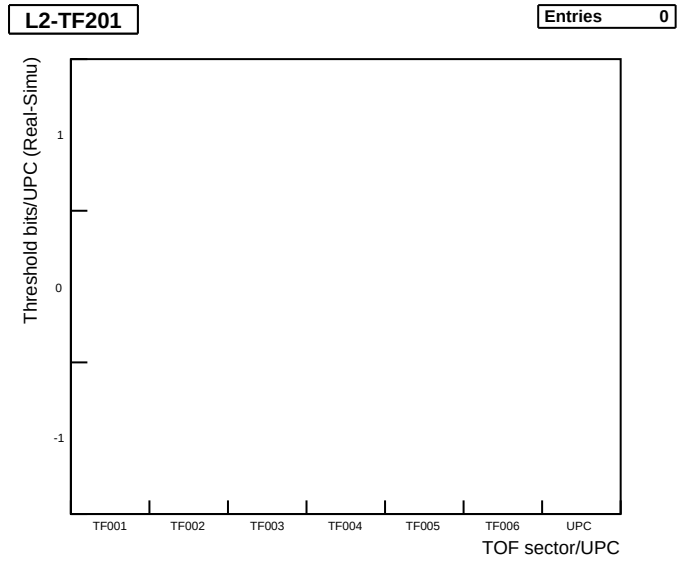

MIX-TF101
Entries 974646
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

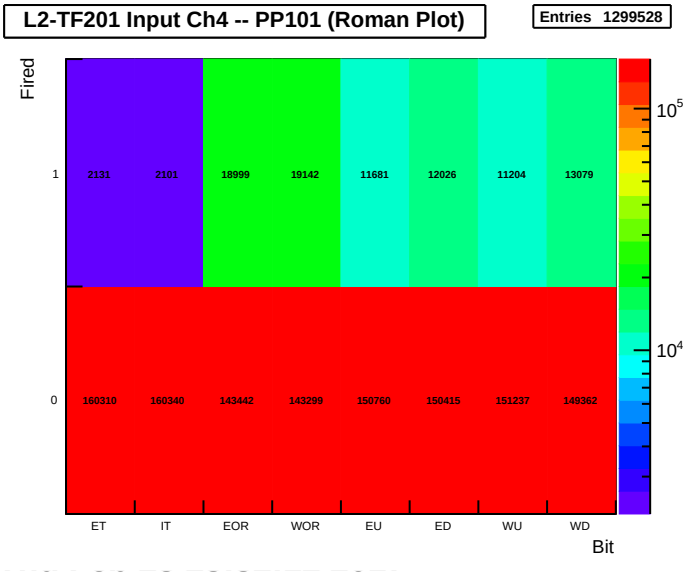

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

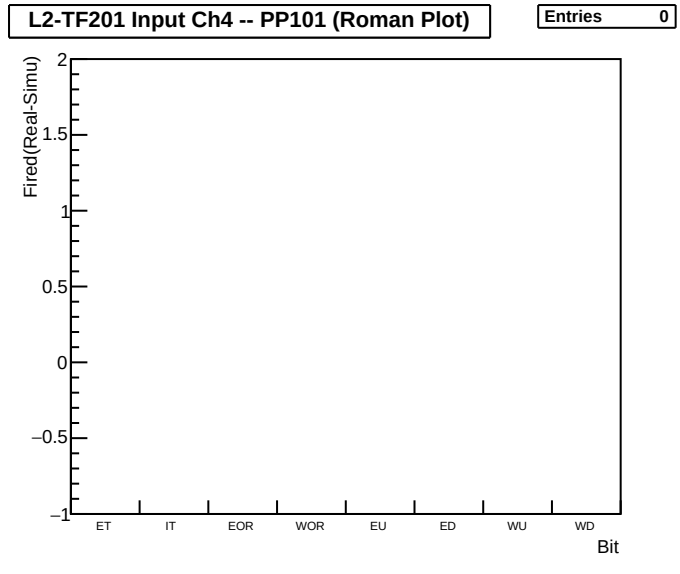

L2-TF201
Entries 162441
TOF total mult

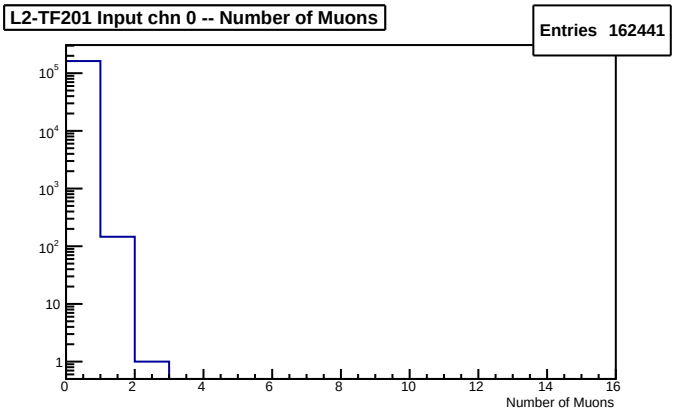

L2-TF201
Entries 0
TOF total mult(Real-Simu)

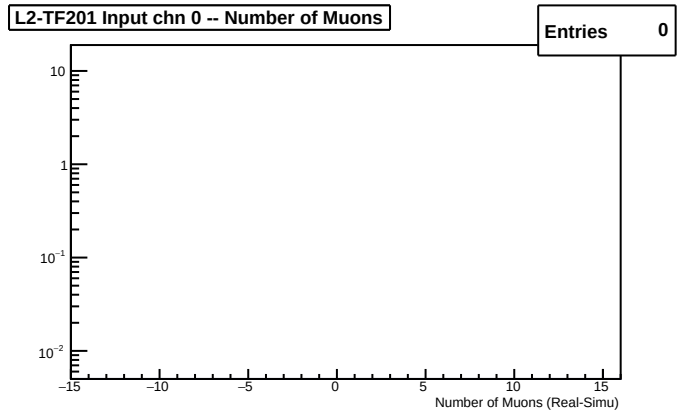

L2-TF201
Entries 1137087
Threshold/UPC bits
134333
137037
130358
134307
136148
132138
149158
28108
25404
32083
28134
26293
30303
13283
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

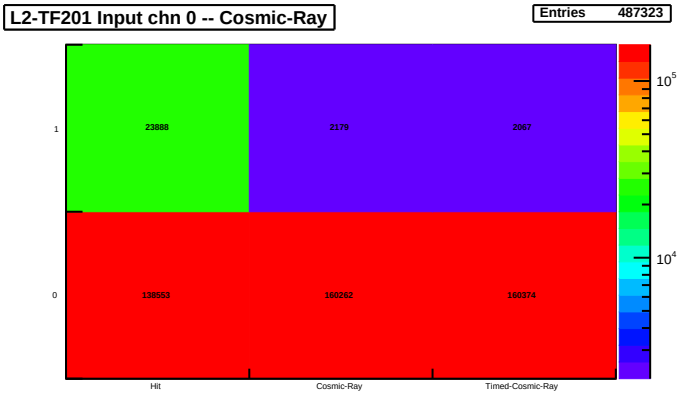

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

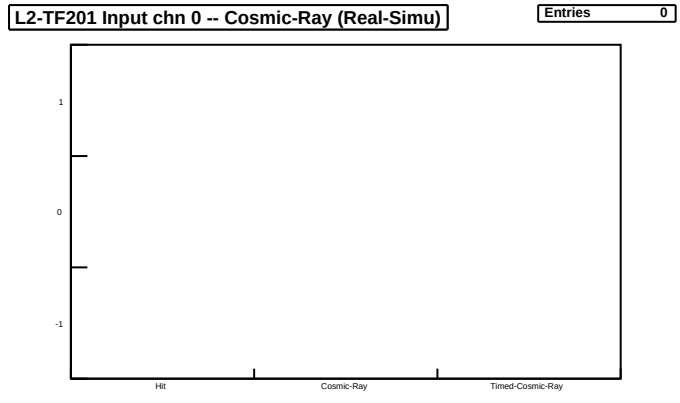

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1299528
Fired
2131
2101
18999
19142
11681
12026
11204
13079
160310
160340
143442
143299
150760
150415
151237
149362
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

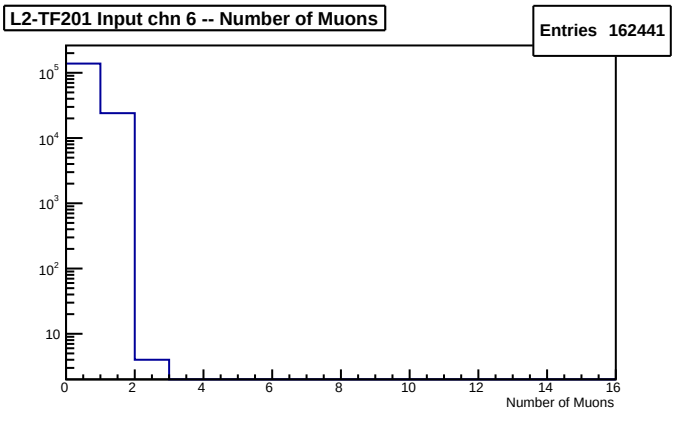

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

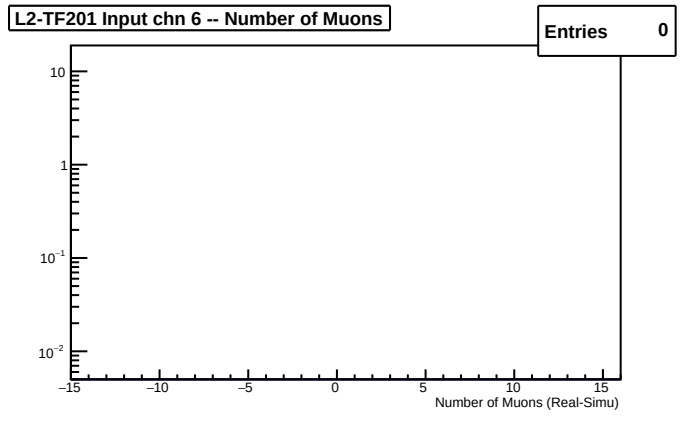

L2-TF201 Input chn 0 -- Number of Muons
Entries 162441
Number of Muons

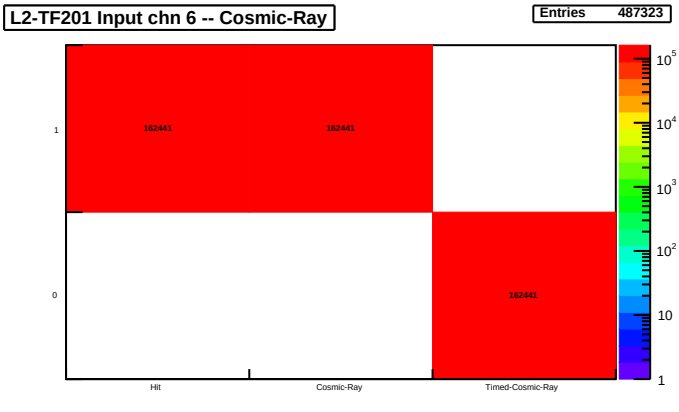

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

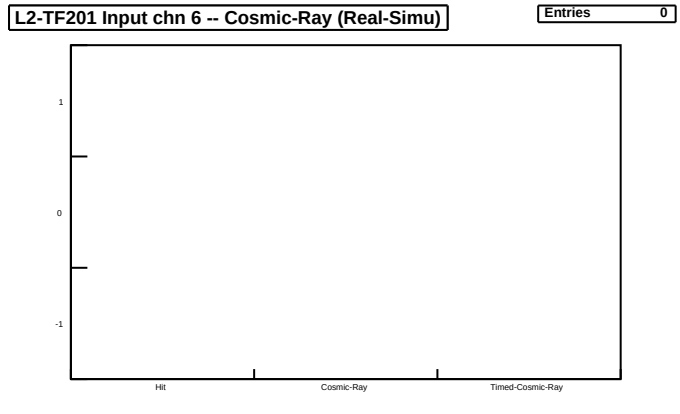

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 487323
23888
2179
2067
138553
160262
160374
Hit
Cosmic-Ray
Timed-Cosmic-Ray

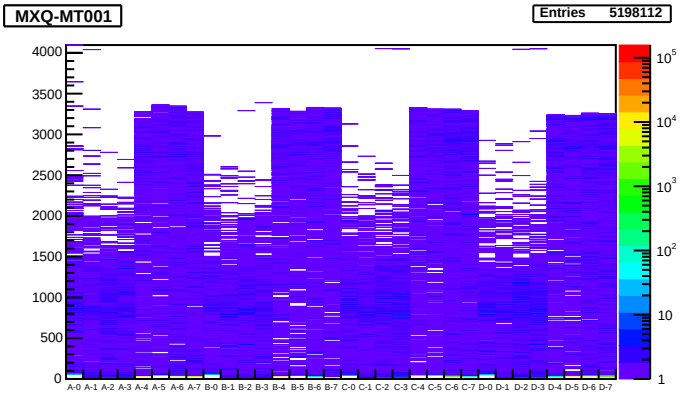

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

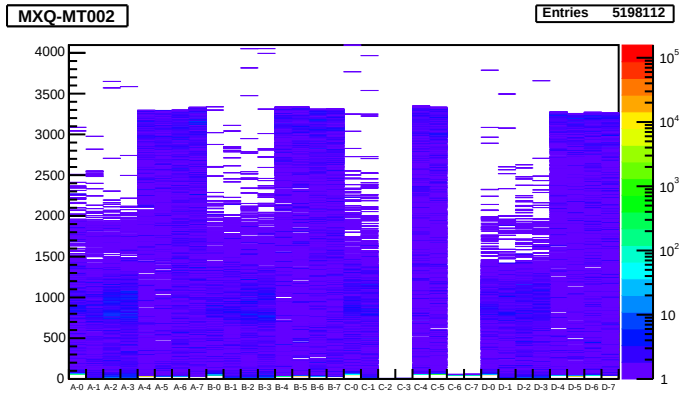

L2-TF201 Input chn 6 -- Number of Muons
Entries 162441
Number of Muons

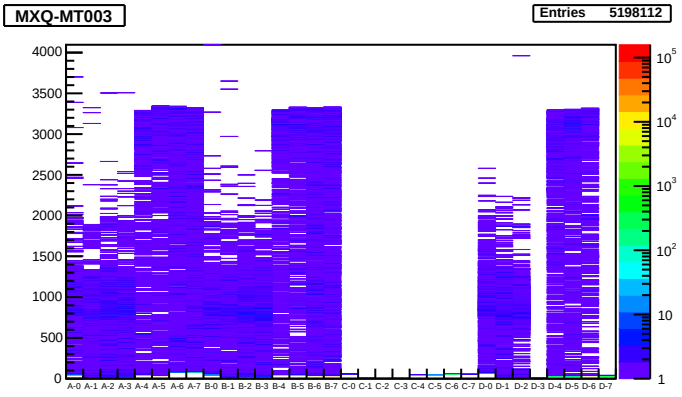

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

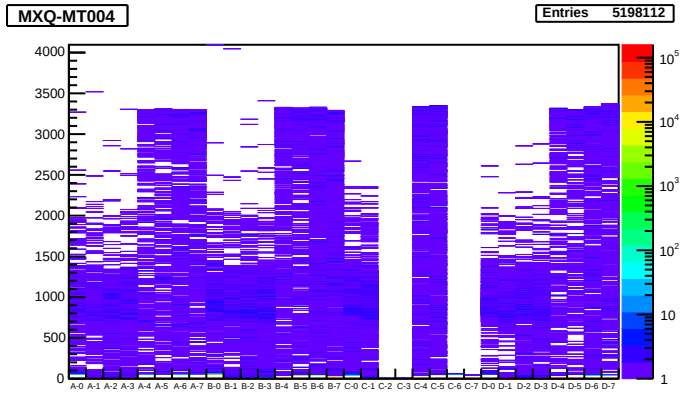

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 487323
162441
162441
162441
Hit
Cosmic-Ray
Timed-Cosmic-Ray

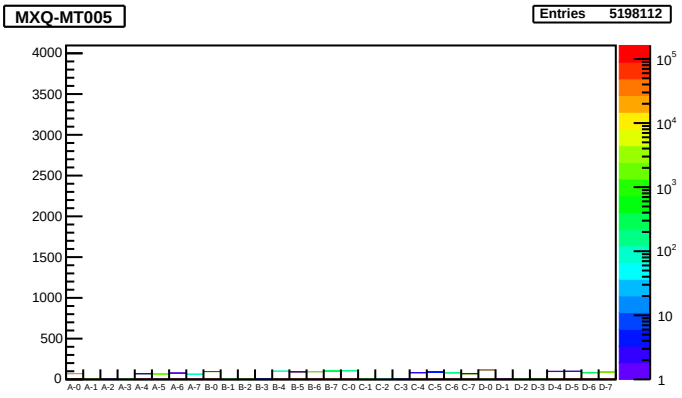

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

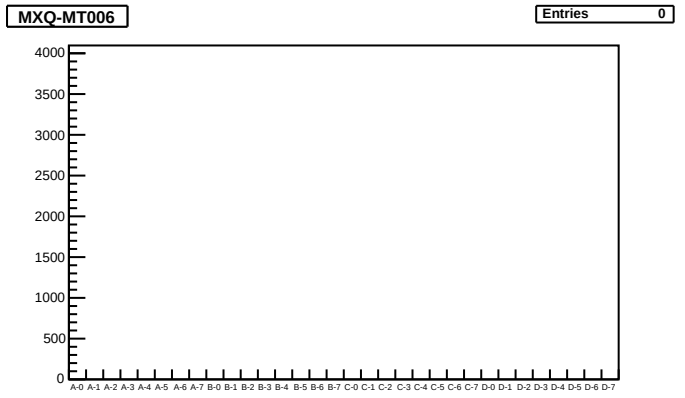

MXQ-MT001
Entries 5198112

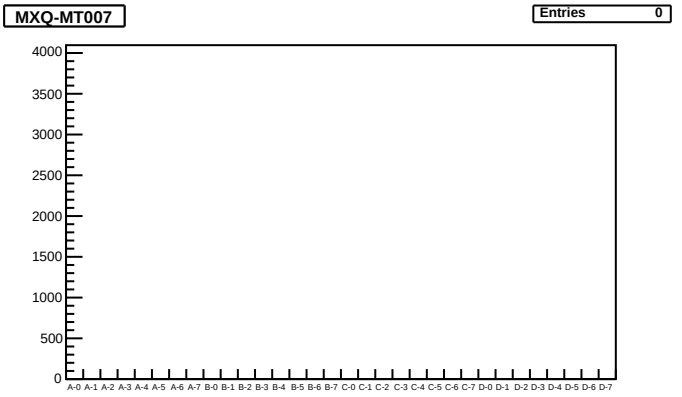

MXQ-MT002
Entries 5198112

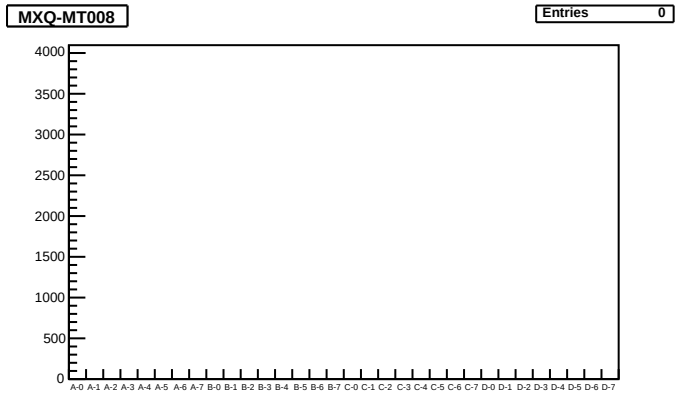

MXQ-MT003
Entries 5198112

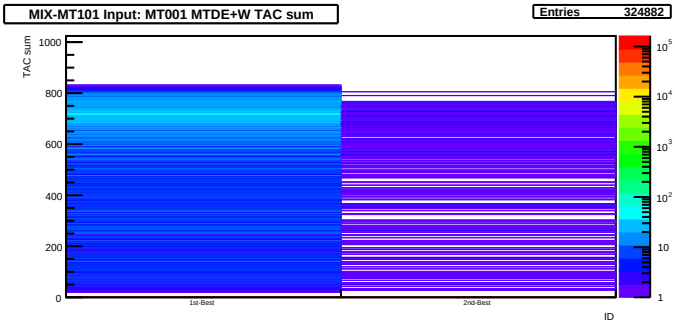

MXQ-MT004
Entries 5198112

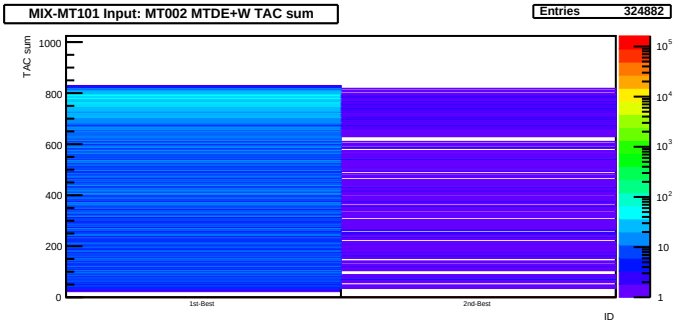

MXQ-MT005
Entries 5198112

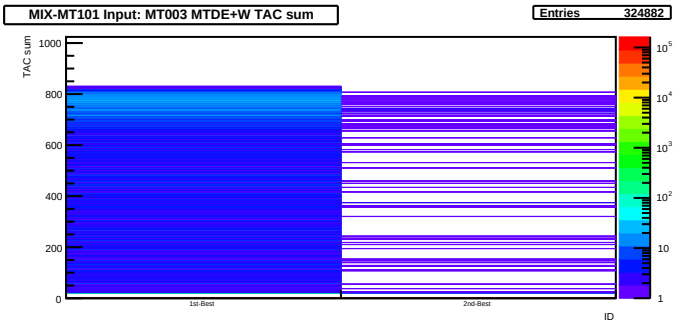

MXQ-MT006
Entries 0

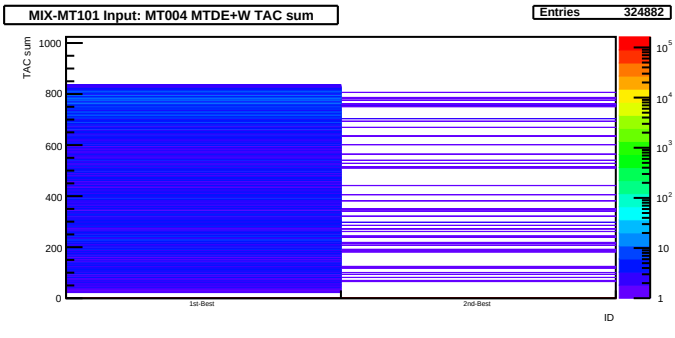

MXQ-MT007
Entries 0

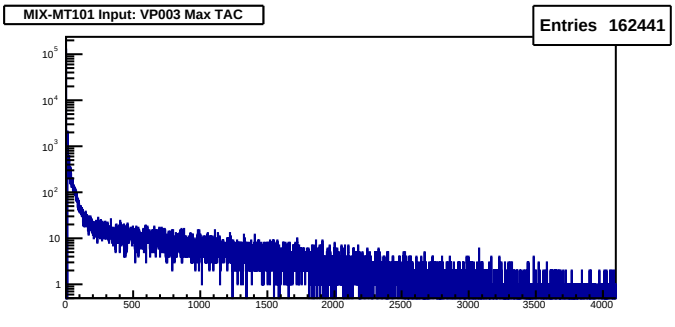

MXQ-MT008
Entries 0

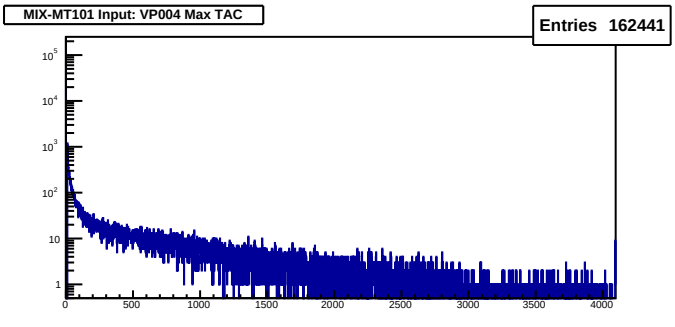

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 324882
TAC sum
1st-Best
2nd-Best
ID

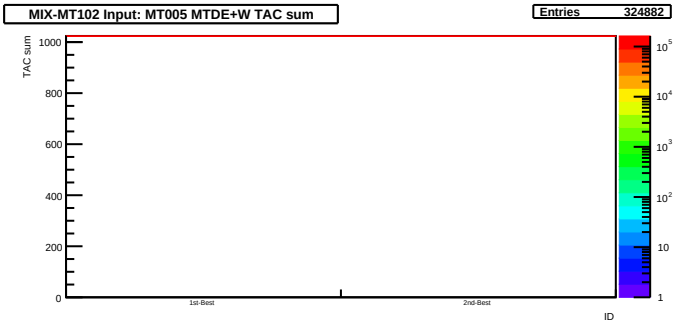

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 324882
TAC sum
1st-Best
2nd-Best
ID

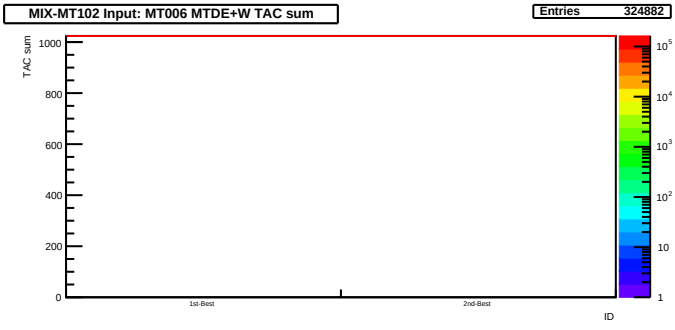

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 324882
TAC sum
1st-Best
2nd-Best
ID

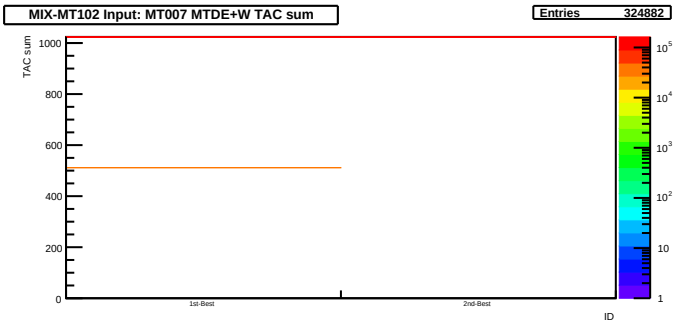

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 324882
TAC sum
1st-Best
2nd-Best
ID

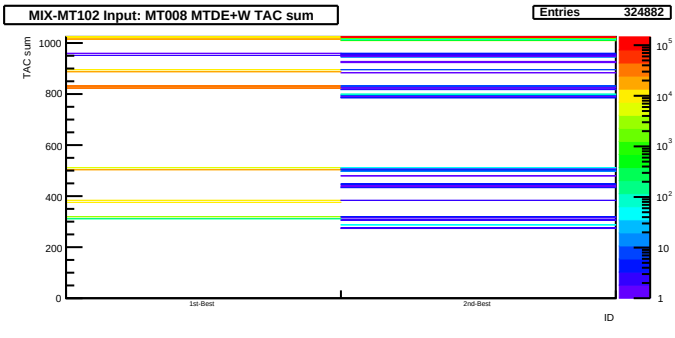

MIX-MT101 Input: VP003 Max TAC
Entries 162441

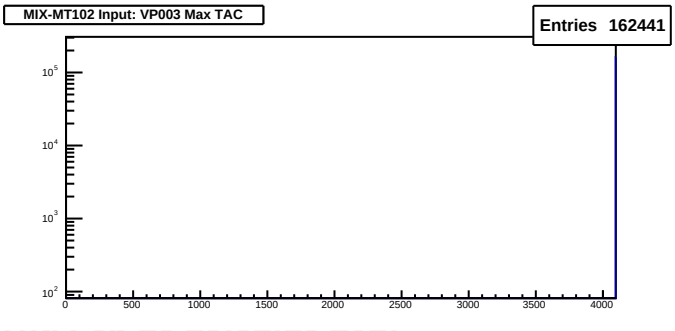

MIX-MT101 Input: VP004 Max TAC
Entries 162441

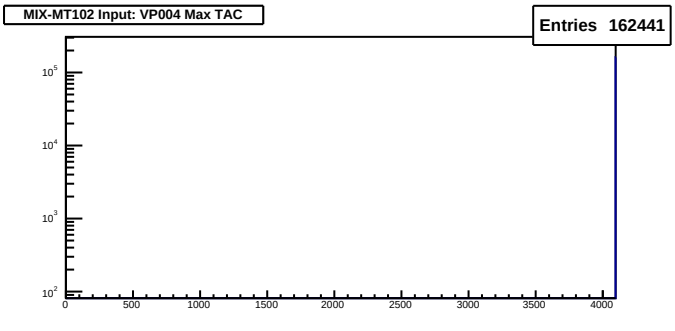

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 324882
TAC sum
1st-Best
2nd-Best
ID

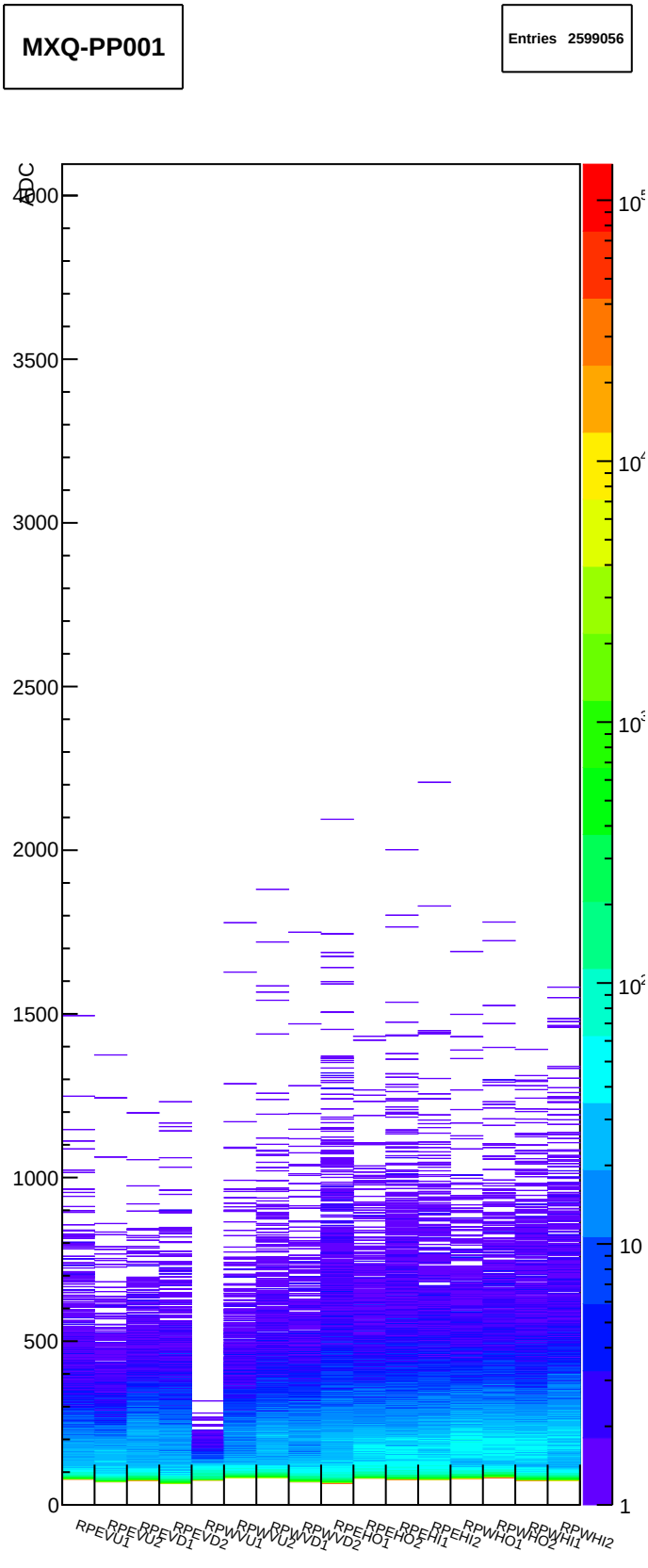

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 324882
TAC sum
1st-Best
2nd-Best
ID

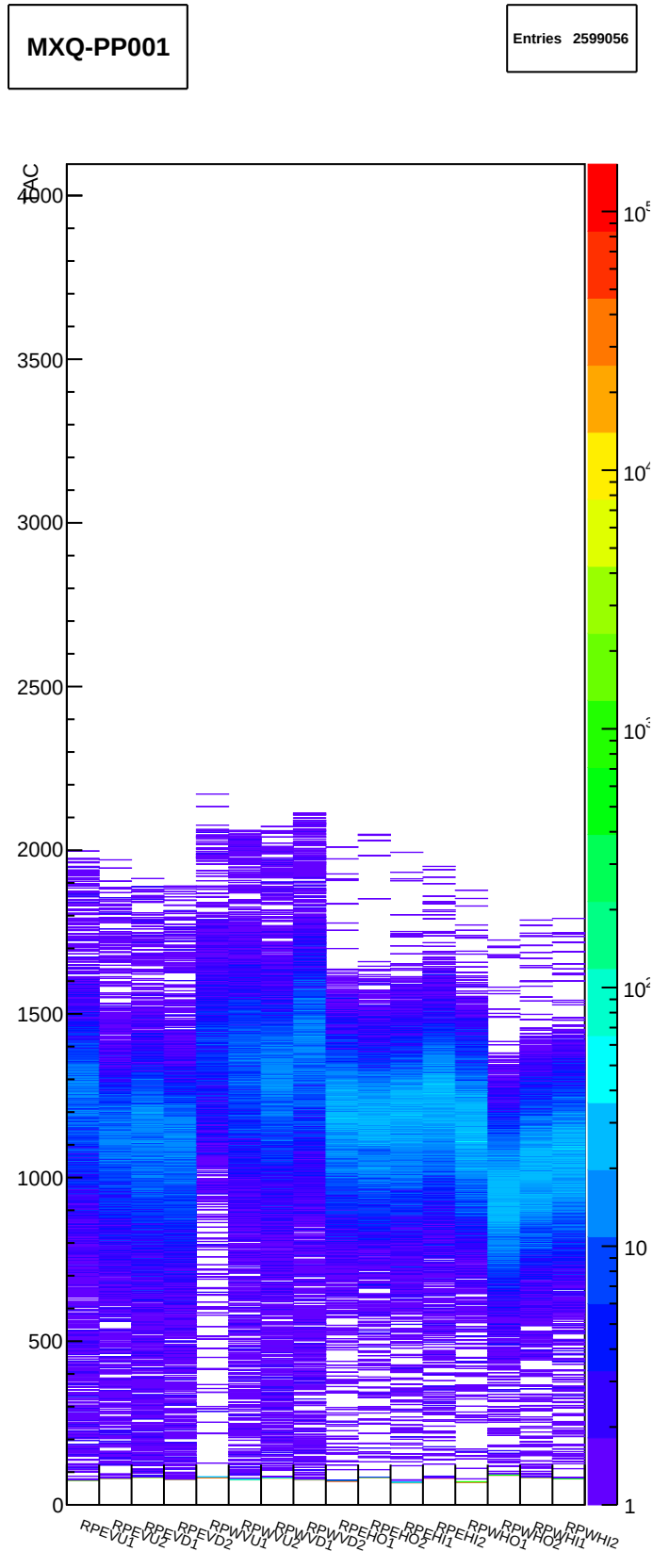

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 324882
TAC sum
1st-Best
2nd-Best
ID

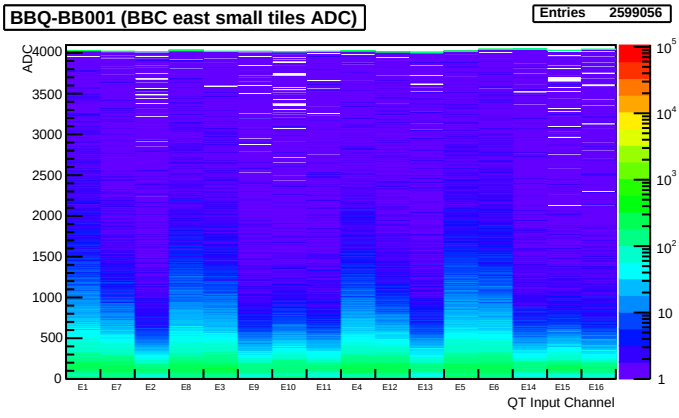

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 324882
TAC sum
1st-Best
2nd-Best
ID

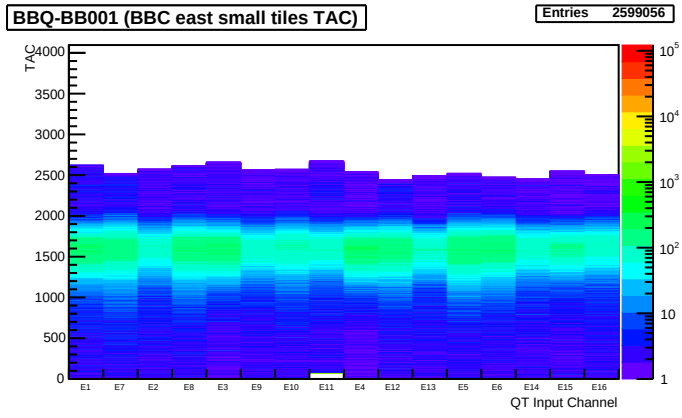

MIX-MT102 Input: VP003 Max TAC
Entries 162441

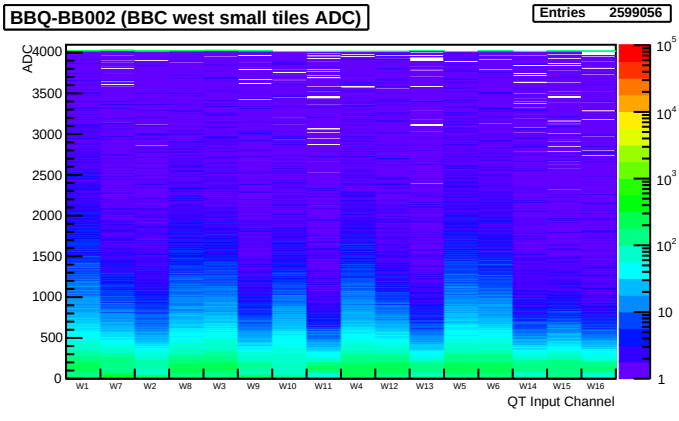

MIX-MT102 Input: VP004 Max TAC
Entries 162441

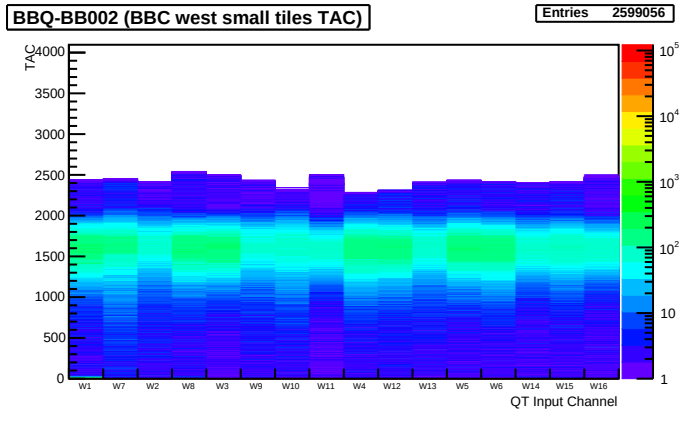

MXQ-PP001
Entries 2599056
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^5
10^4
10^3
10^2
10
1

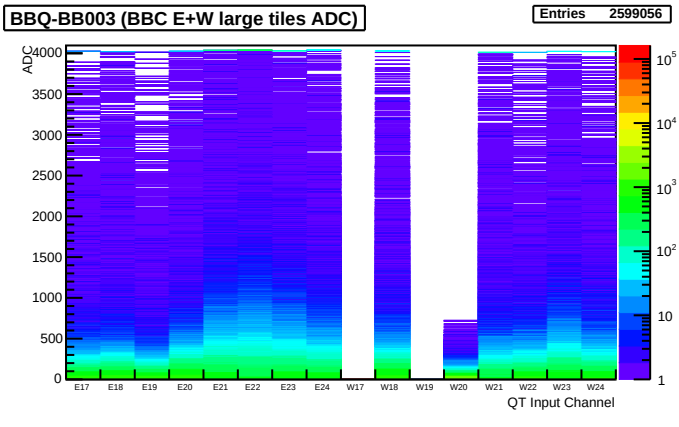

MXQ-PP001
Entries 2599056
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^5
10^4
10^3
10^2
10
1

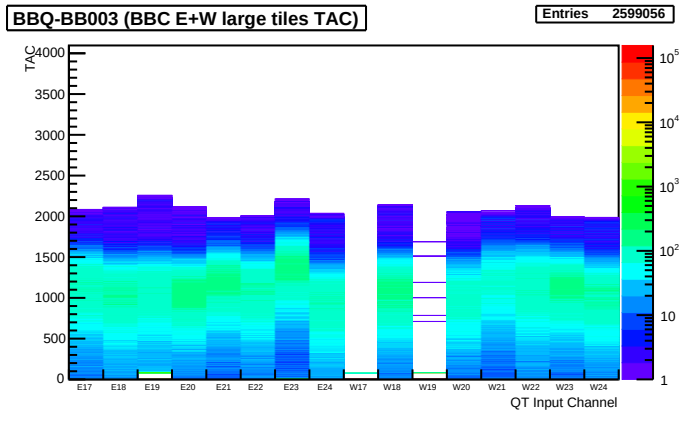

BBQ-BB001 (BBC east small tiles ADC)
Entries 2599056
ADC
QT Input Channel

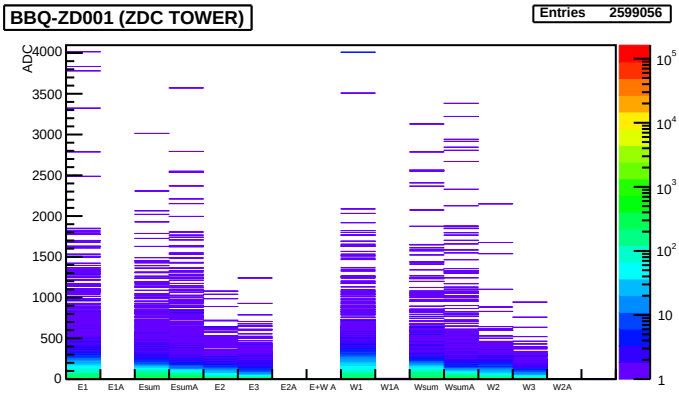

BBQ-BB001 (BBC east small tiles TAC)
Entries 2599056
TAC
QT Input Channel

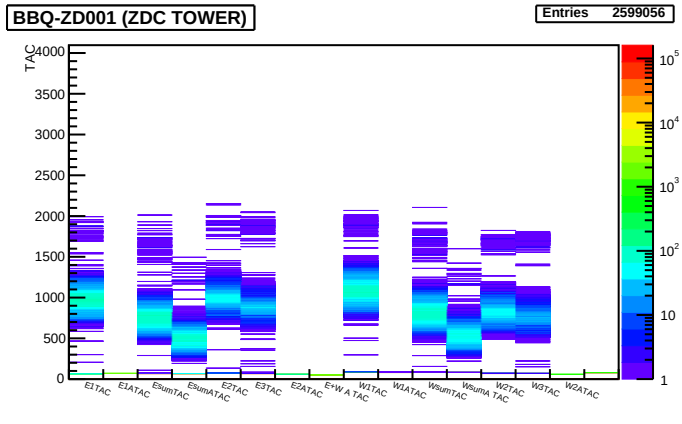

BBQ-BB002 (BBC west small tiles ADC)
Entries 2599056
ADC
QT Input Channel

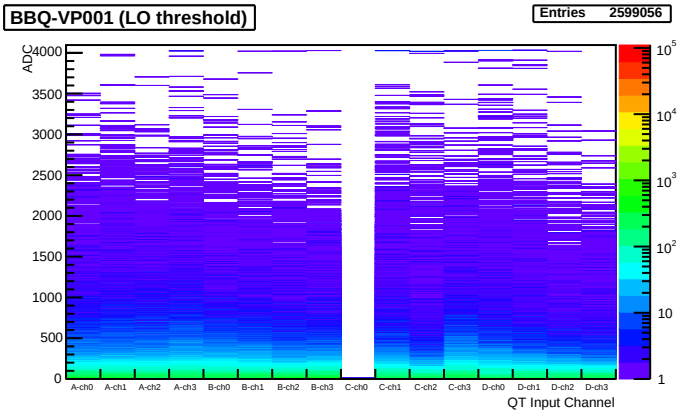

BBQ-BB002 (BBC west small tiles TAC)
Entries 2599056
TAC
QT Input Channel

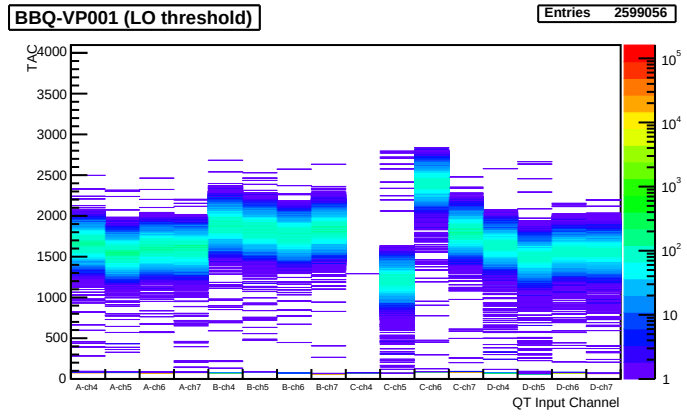

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2599056
ADC
QT Input Channel

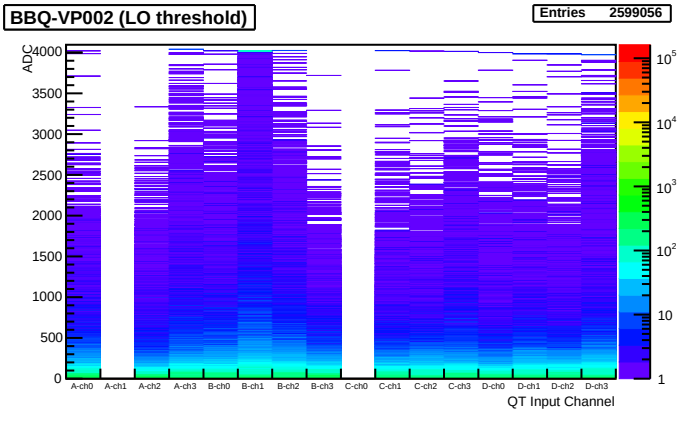

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2599056
TAC
QT Input Channel

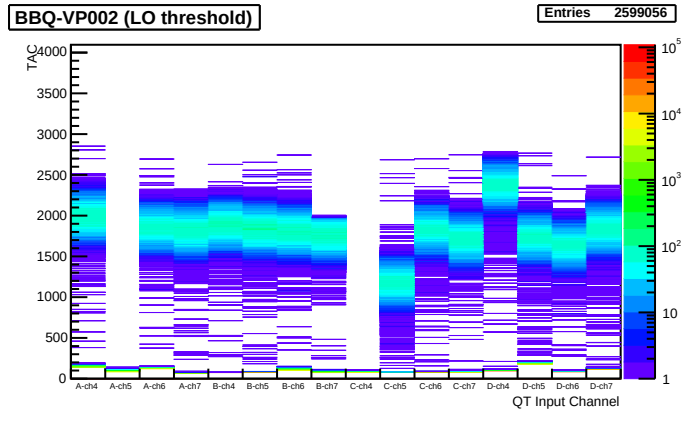

BBQ-ZD001 (ZDC TOWER)
Entries 2599056
ADC

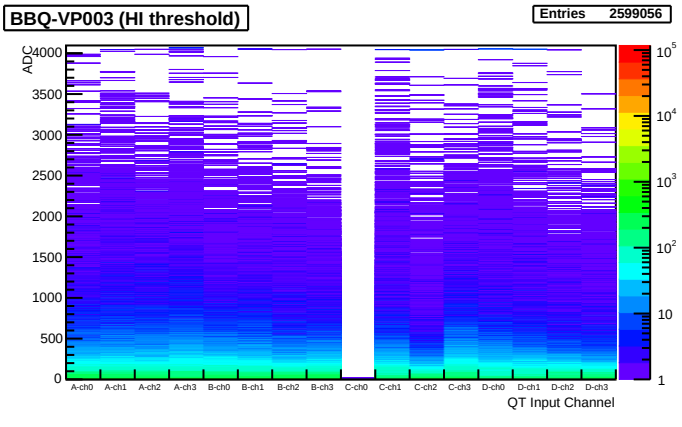

BBQ-ZD001 (ZDC TOWER)
Entries 2599056
TAC

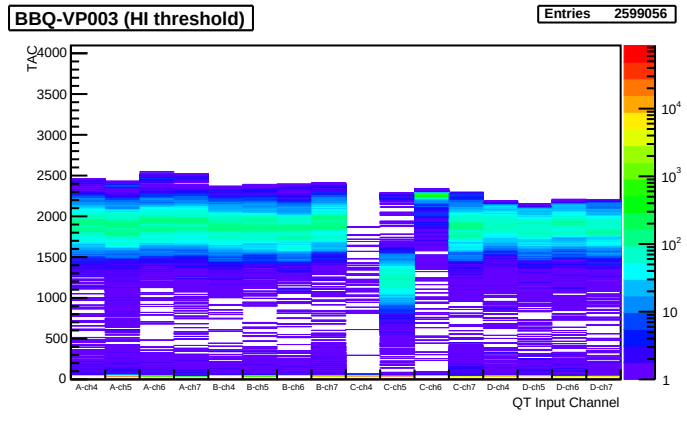

BBQ-VP001 (LO threshold)
Entries 2599056
ADC
QT Input Channel

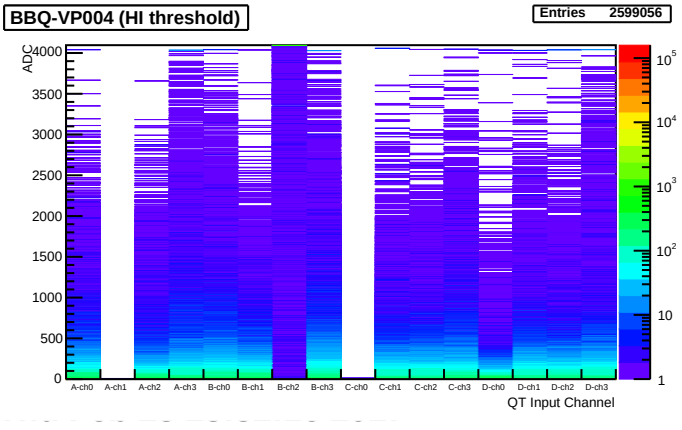

BBQ-VP001 (LO threshold)
Entries 2599056
TAC
QT Input Channel

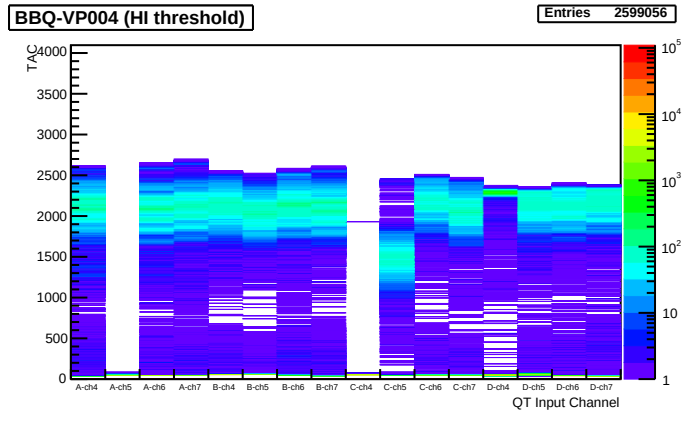

BBQ-VP002 (LO threshold)
Entries 2599056
ADC
QT Input Channel

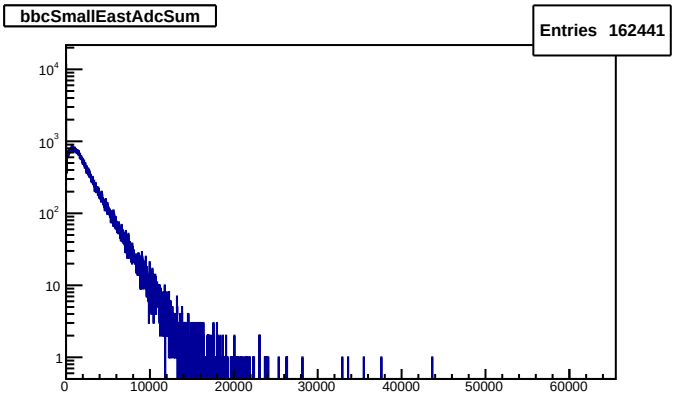

BBQ-VP002 (LO threshold)
Entries 2599056
TAC
QT Input Channel

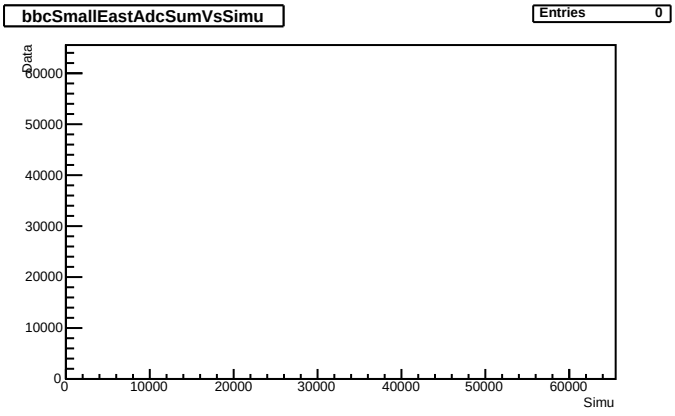

BBQ-VP003 (HI threshold)
Entries 2599056
ADC
QT Input Channel

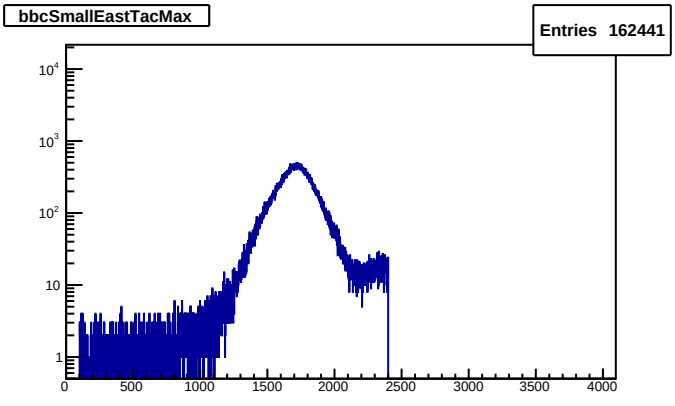

BBQ-VP003 (HI threshold)
Entries 2599056
TAC
QT Input Channel

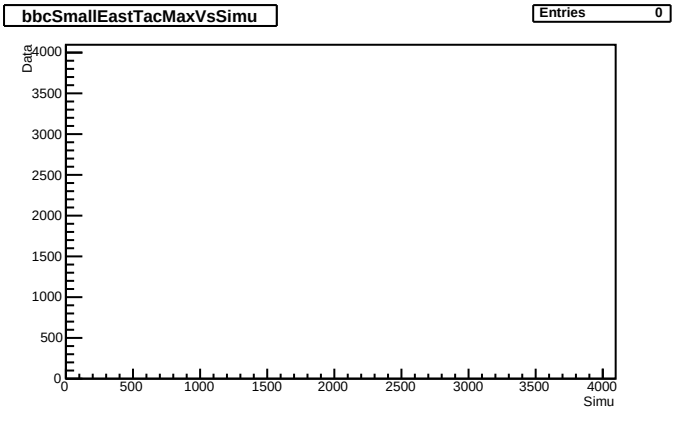

BBQ-VP004 (HI threshold)
Entries 2599056
ADC
QT Input Channel

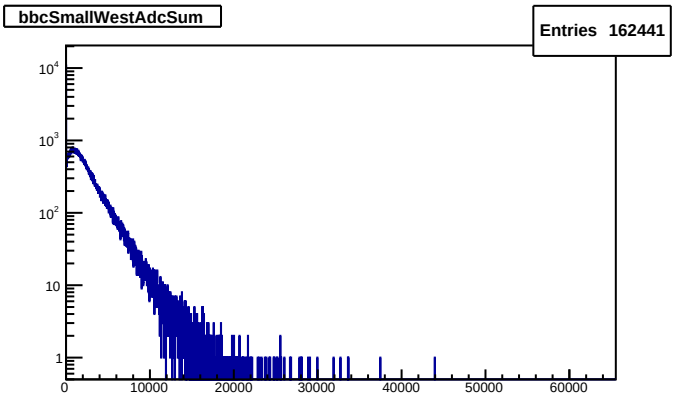

BBQ-VP004 (HI threshold)
Entries 2599056
TAC
QT Input Channel

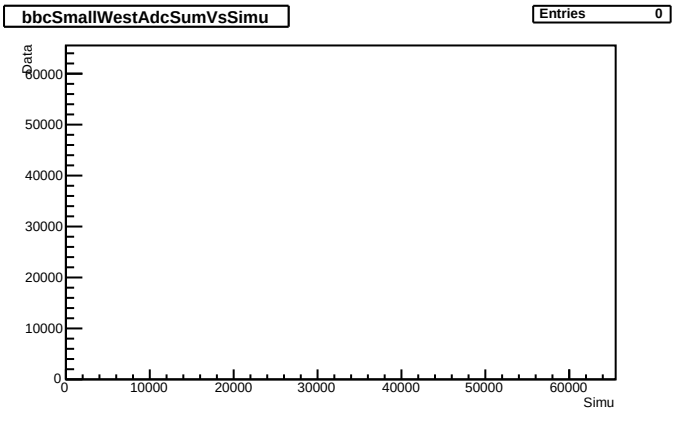

bbcSmallEastAdcSum
Entries 162441

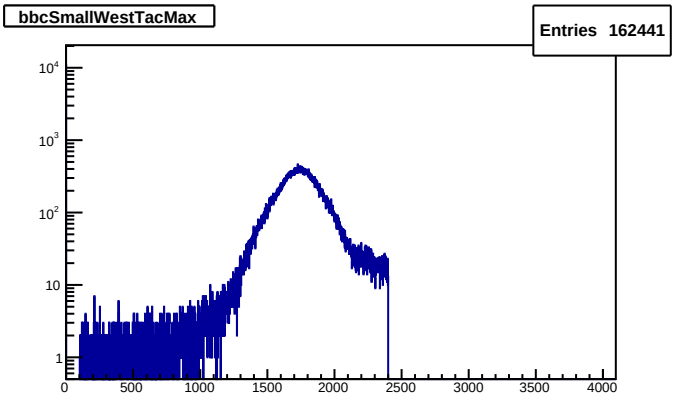

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

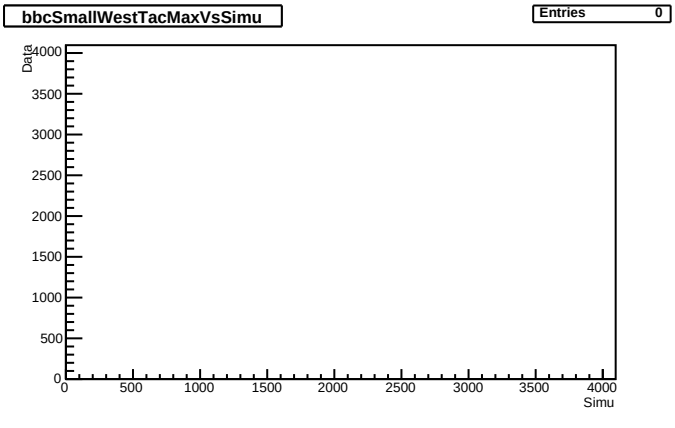

bbcSmallEastTacMax
Entries 162441

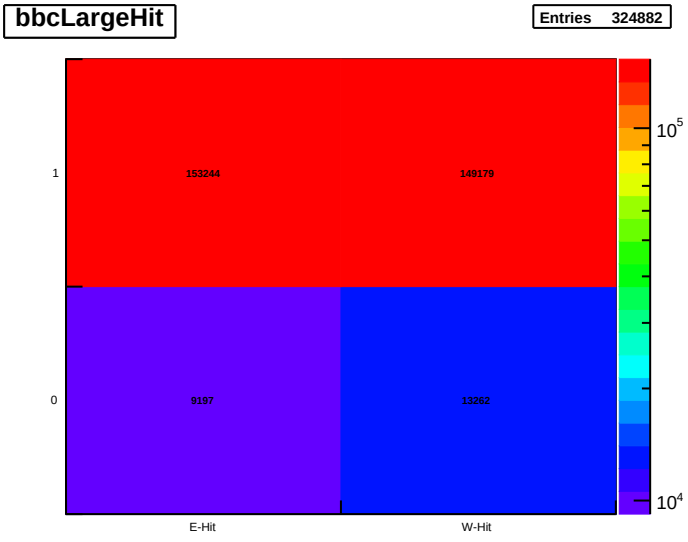

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

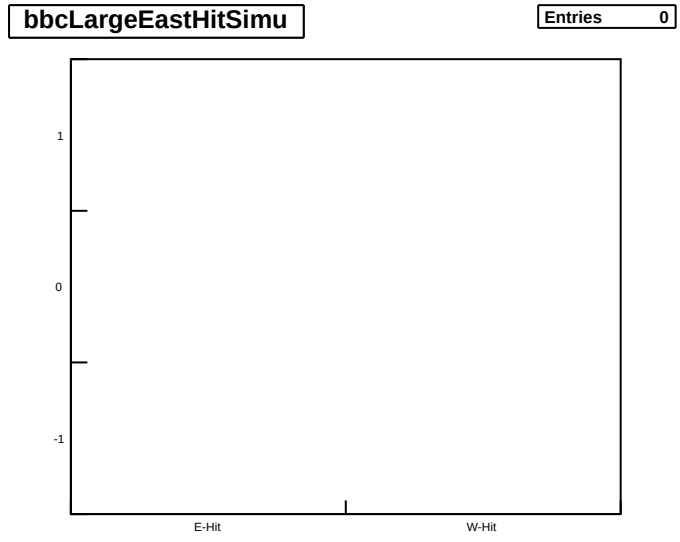

bbcSmallWestAdcSum
Entries 162441

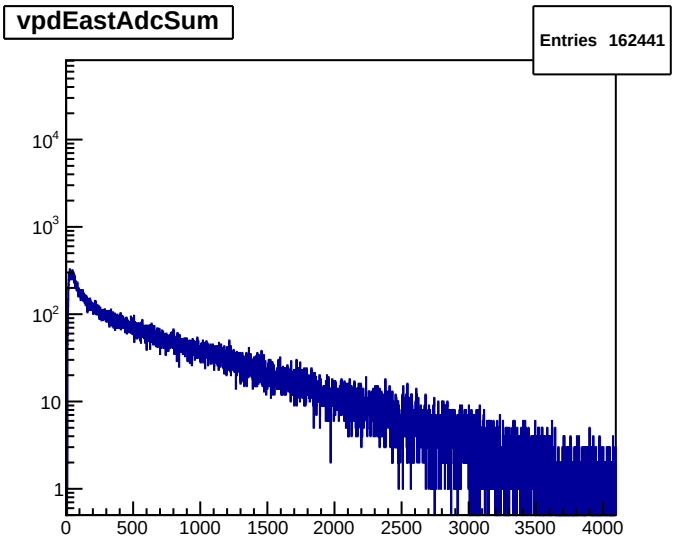

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

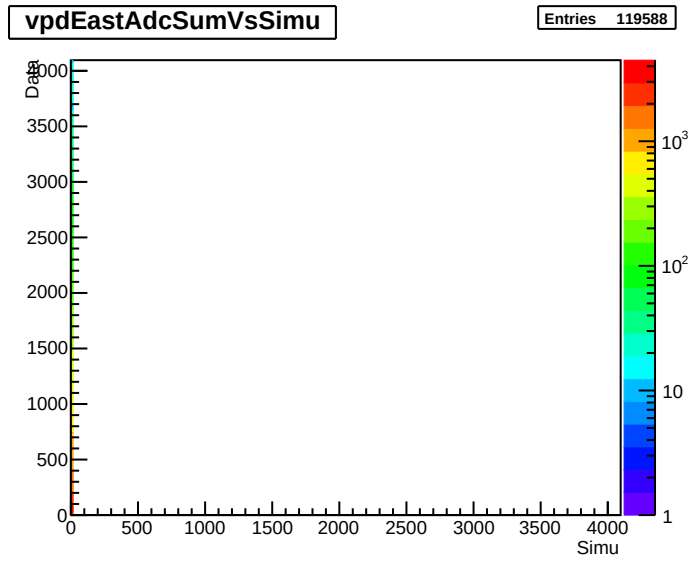

bbcSmallWestTacMax
Entries 162441

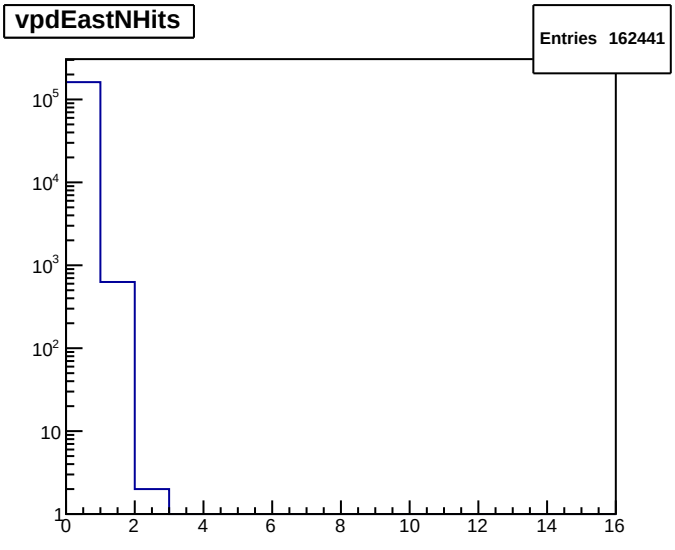

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

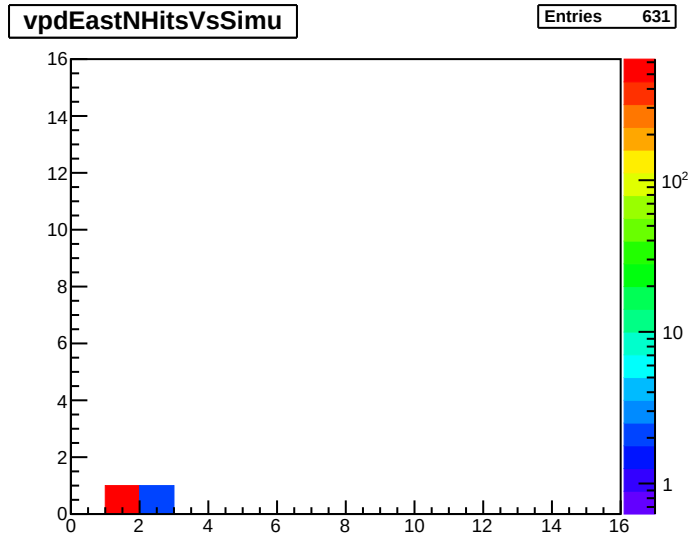

bbcLargeHit
Entries 324882
153244
149179
9197
13262
1
0
E-Hit
W-Hit
10^5
10^4

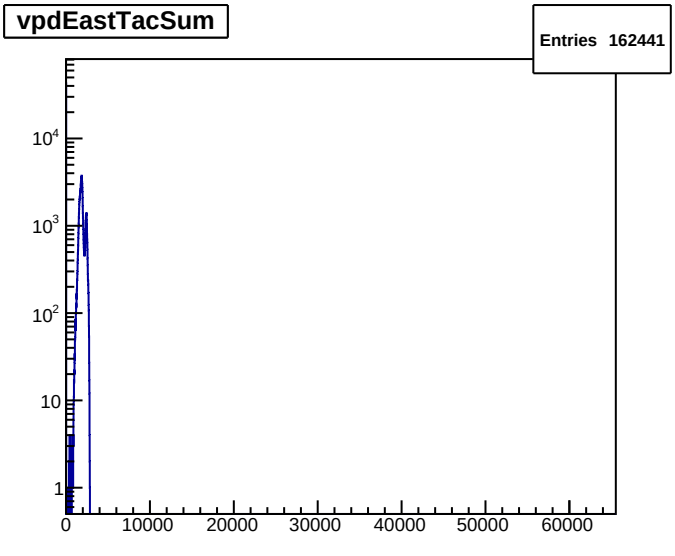

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

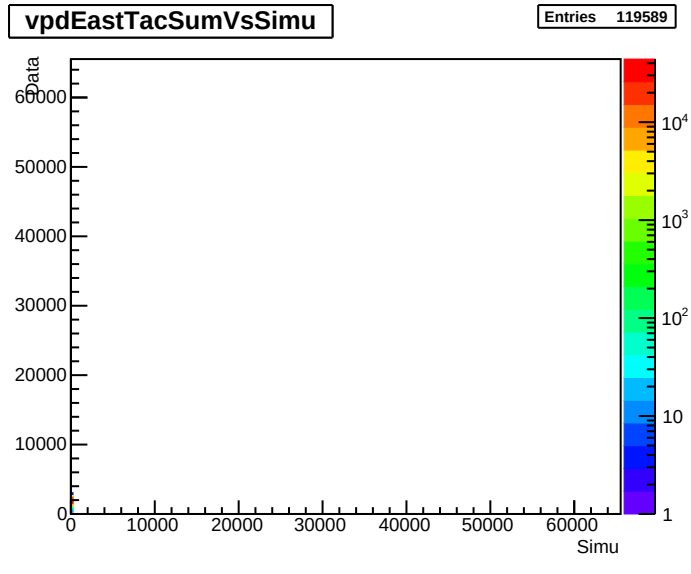

vpdEastAdcSum
Entries 162441

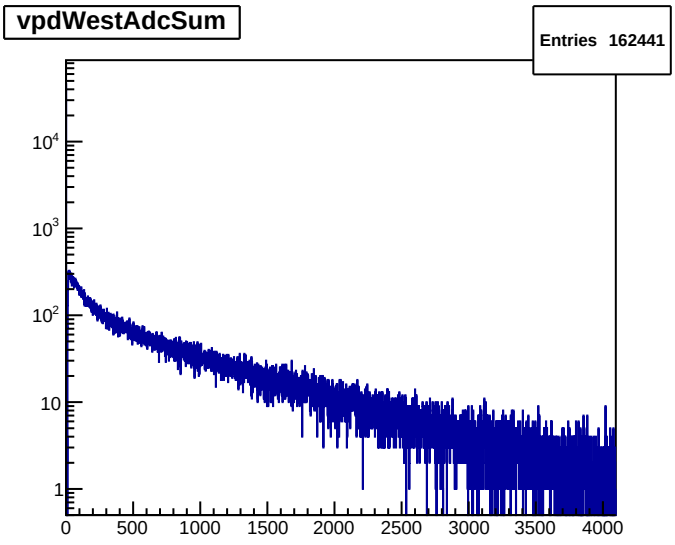

vpdEastAdcSumVsSimu
Entries 119588
Data
Simu

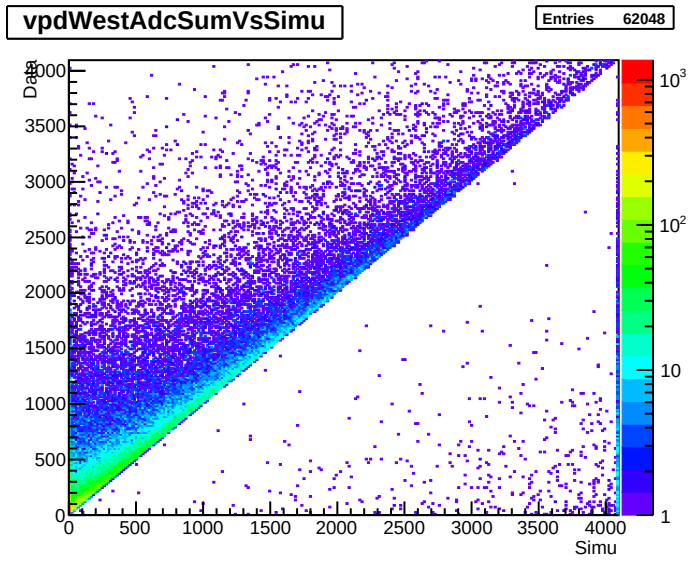

vpdEastNHits
Entries 162441

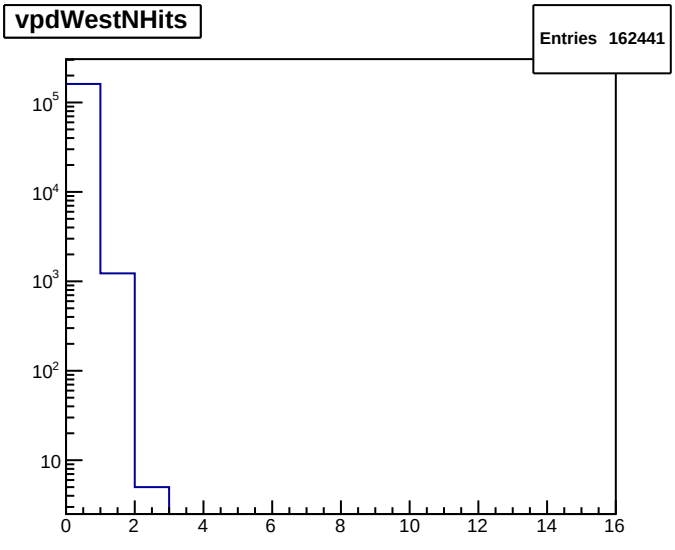

vpdEastNHitsVsSimu
Entries 631

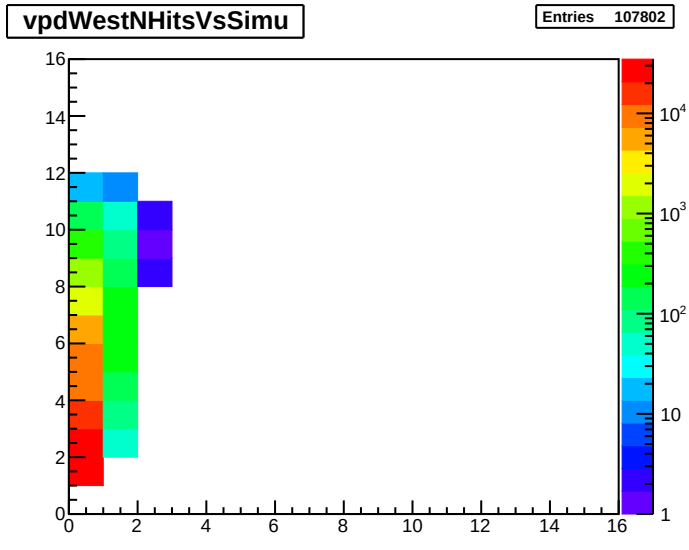

vpdEastTacSum
Entries 162441

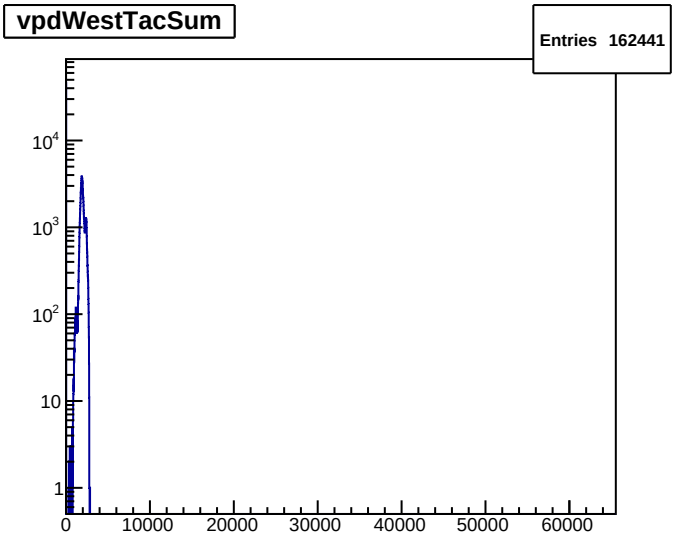

vpdEastTacSumVsSimu
Entries 119589
Data
Simu

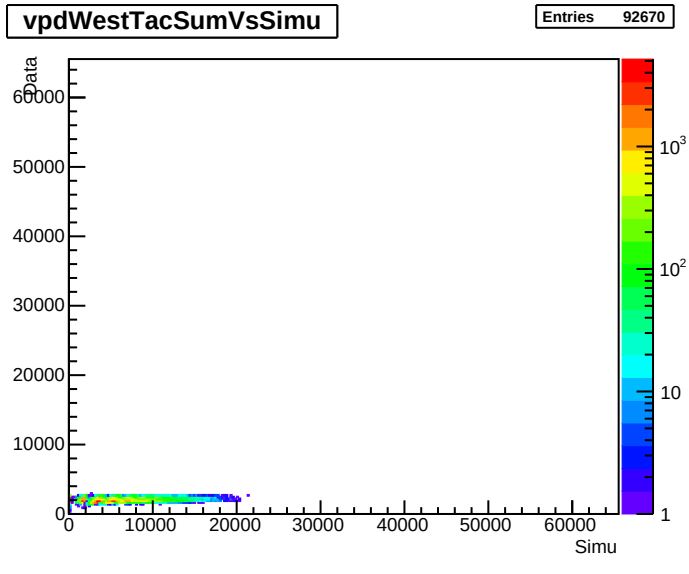

vpdWestAdcSum
Entries 162441

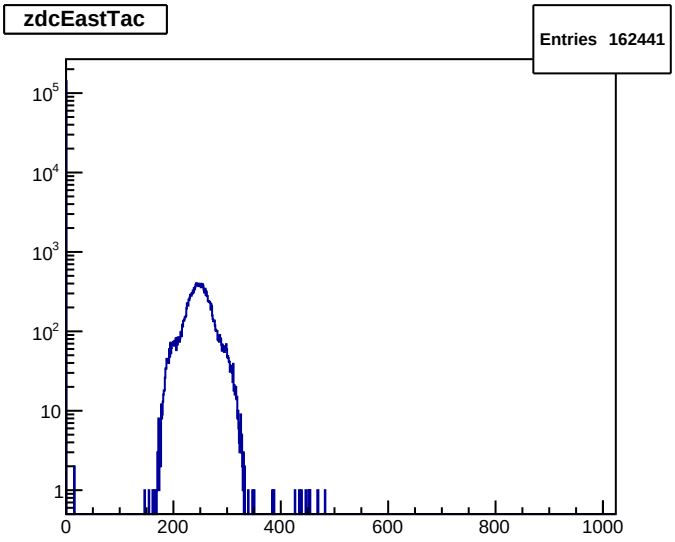

vpdWestAdcSumVsSimu
Entries 62048
Data
Simu

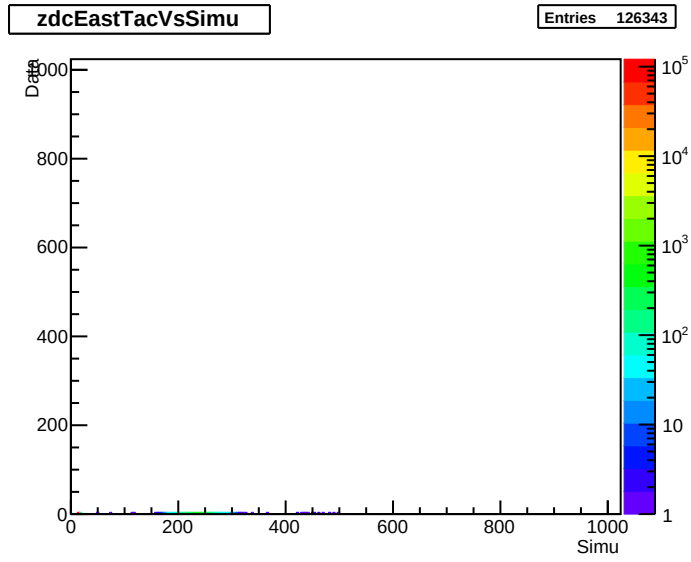

vpdWestNHits
Entries 162441

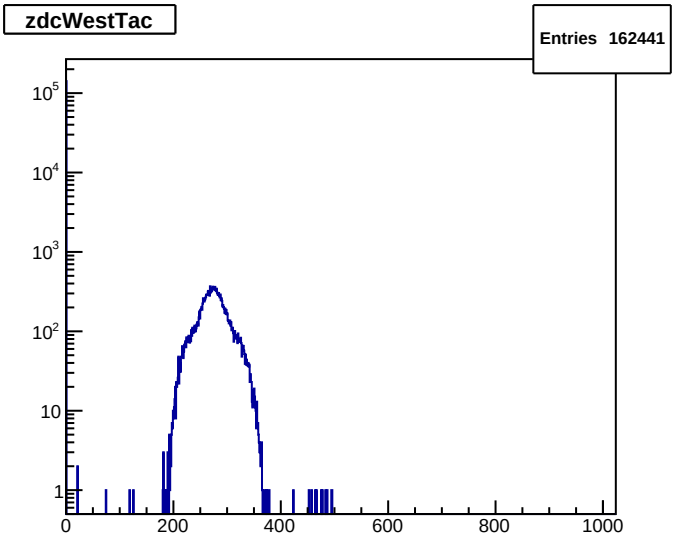

vpdWestNHitsVsSimu
Entries 107802

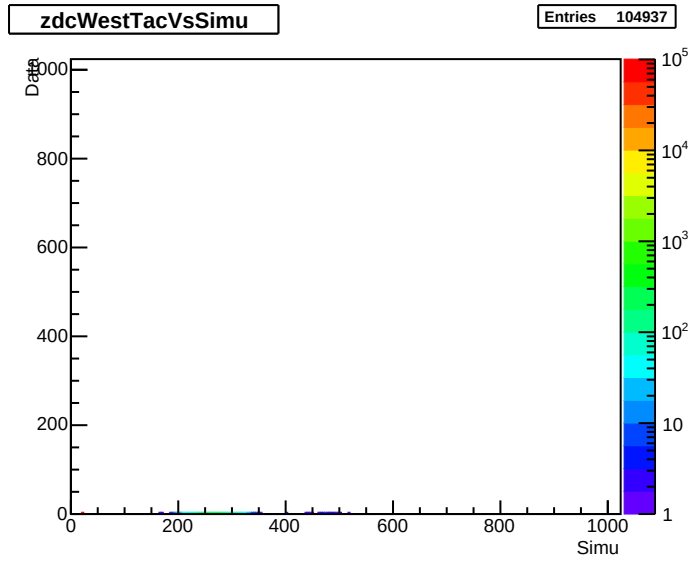

vpdWestTacSum
Entries 162441

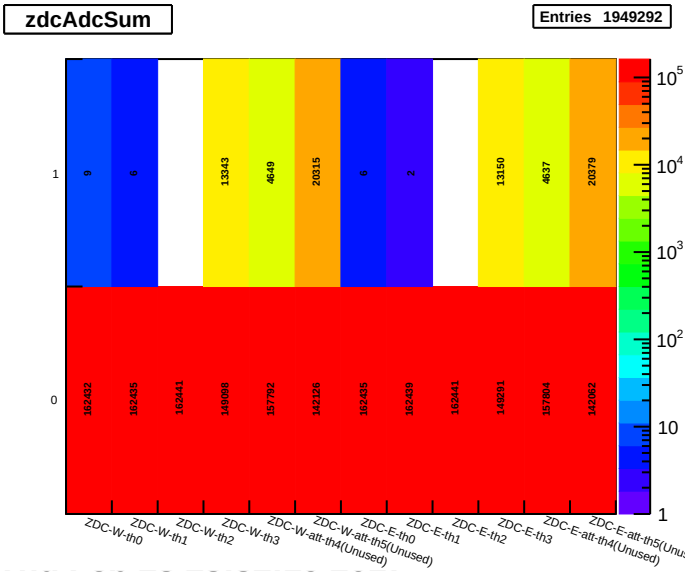

vpdWestTacSumVsSimu
Entries 92670
Data
Simu

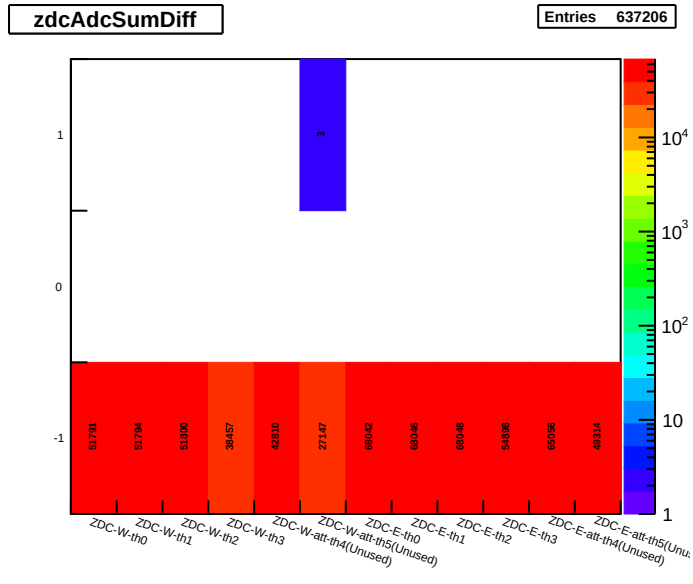

zdcEastTac
Entries 162441

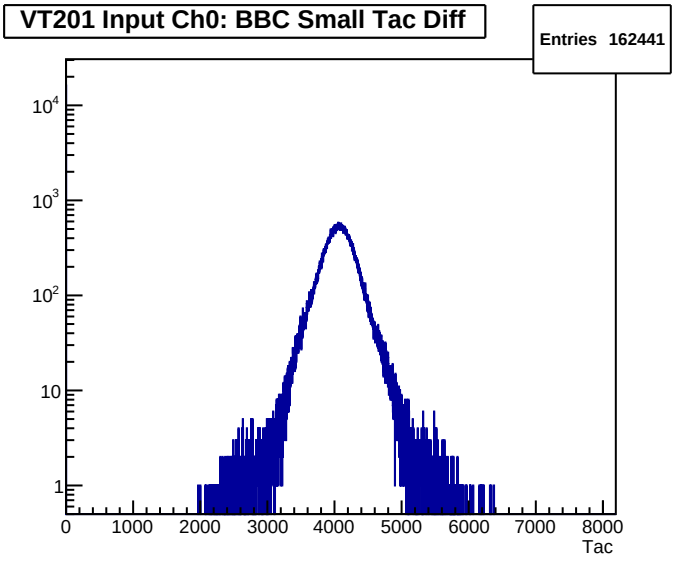

zdcEastTacVsSimu
Entries 126343
Data
Simu

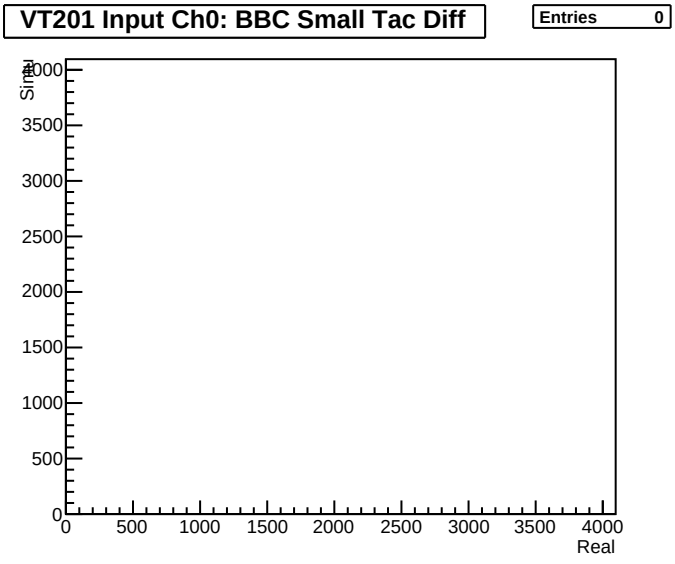

zdcWestTac
Entries 162441

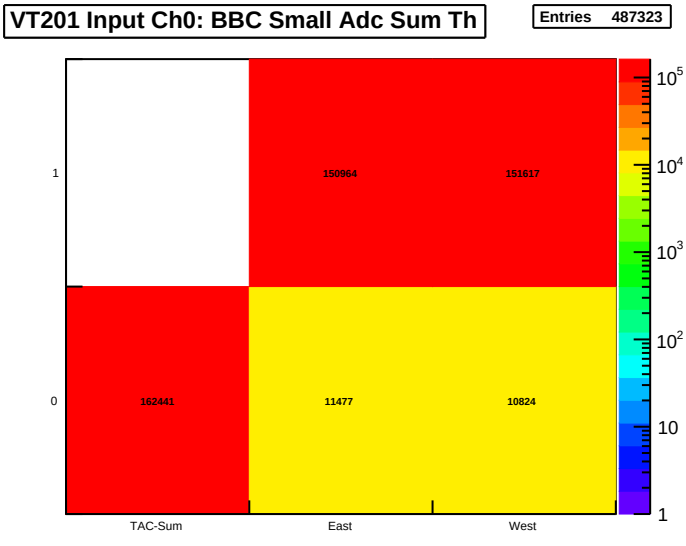

zdcWestTacVsSimu
Entries 104937
Data
Simu

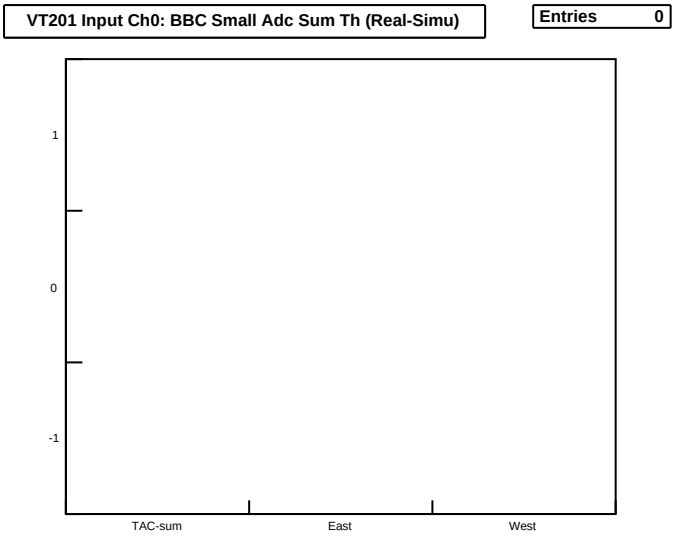

zdcAdcSum
Entries 1949292
9
6
13343
4649
20315
6
2
13150
4637
20379
162432
162435
162441
149098
157792
142126
162435
162439
162441
149291
157804
142062
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

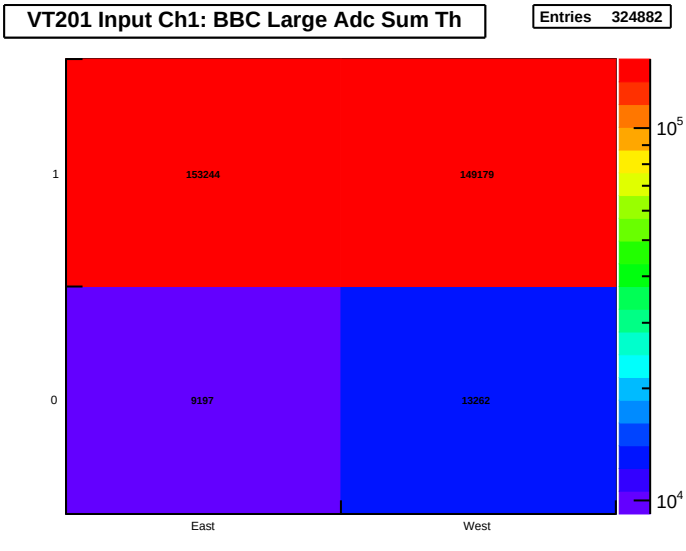

zdcAdcSumDiff
Entries 637206
3
51791
51794
51800
38457
42810
27147
68042
68046
68048
54898
65056
49314
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

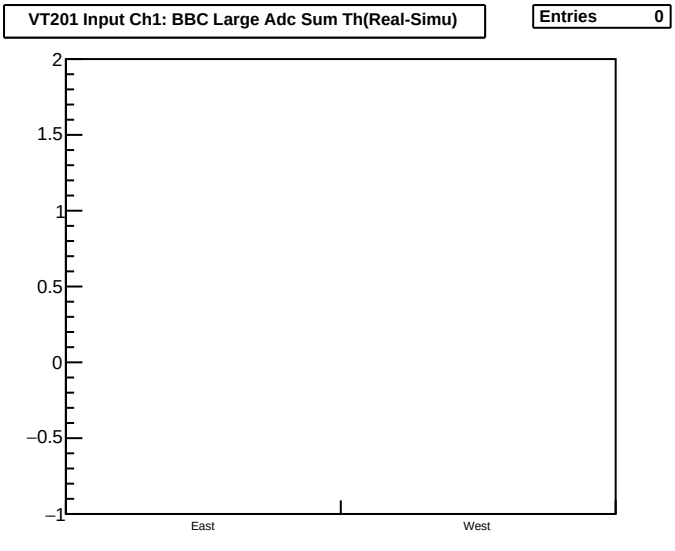

VT201 Input Ch0: BBC Small Tac Diff
Entries 162441
Tac


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

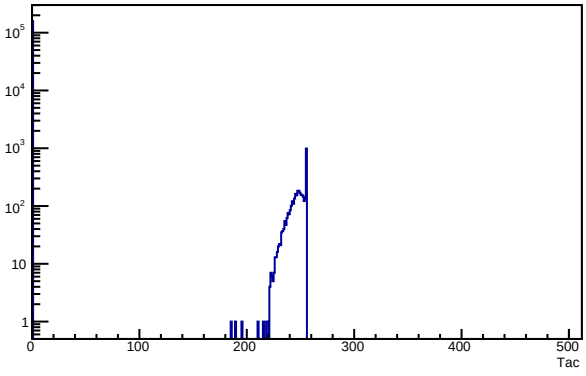

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 487323
150964
151617
162441
11477
10824
TAC-Sum
East
West


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

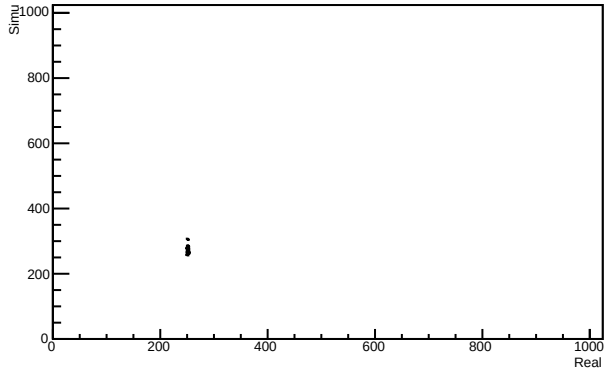

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 324882
153244
149179
9197
13262
East
West


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

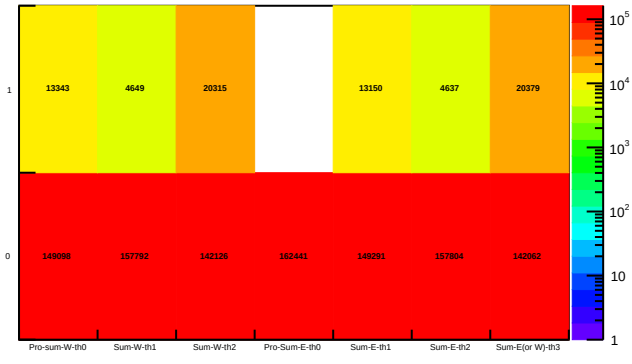
VT201 Input Ch2: ZDC Tac Diff



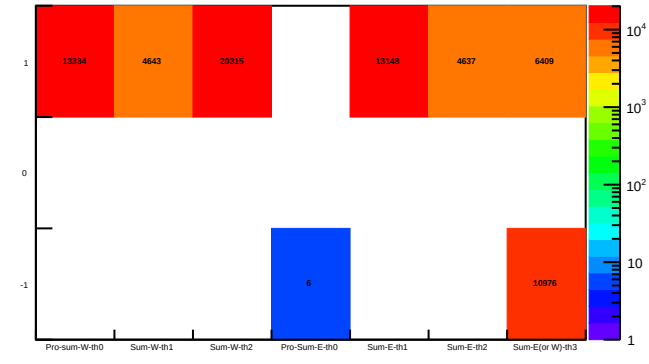
VT201 Input Ch2: ZDC Tac Diff



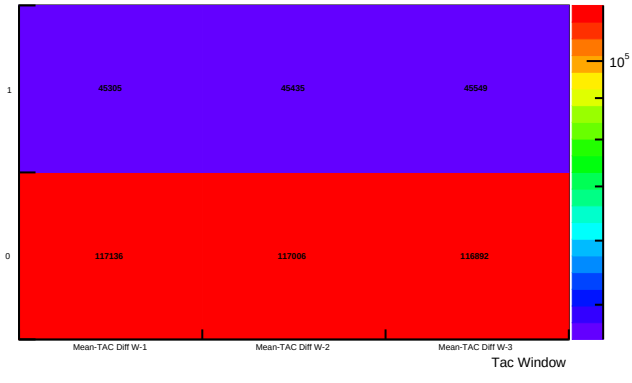
VT201 Input Ch2: ZDC Adc Sum Th



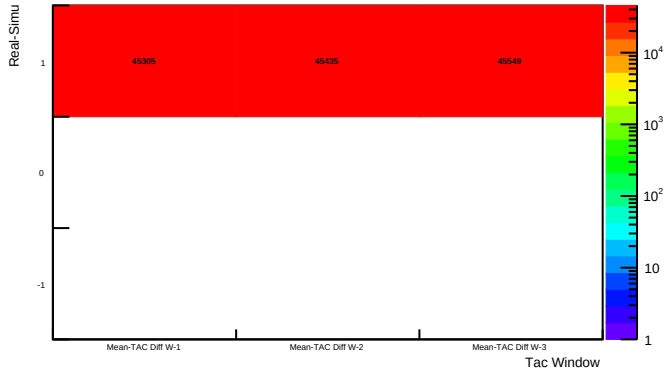
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



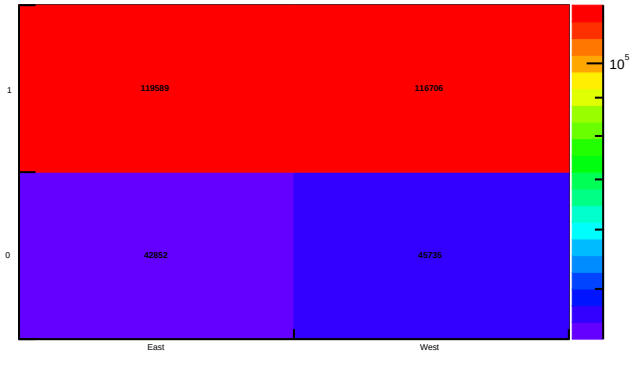
VT201 Input Ch4: VPD Tac Diff



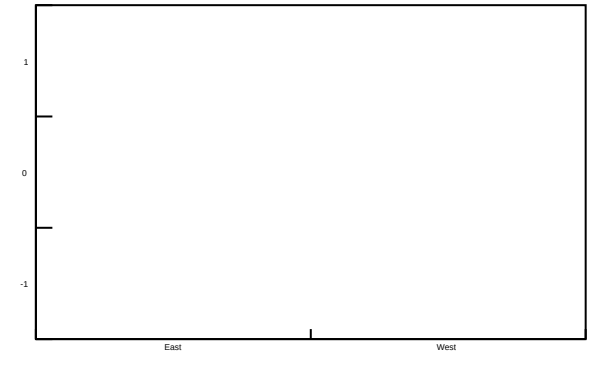
VT201 Input Ch4: VPD Tac Diff

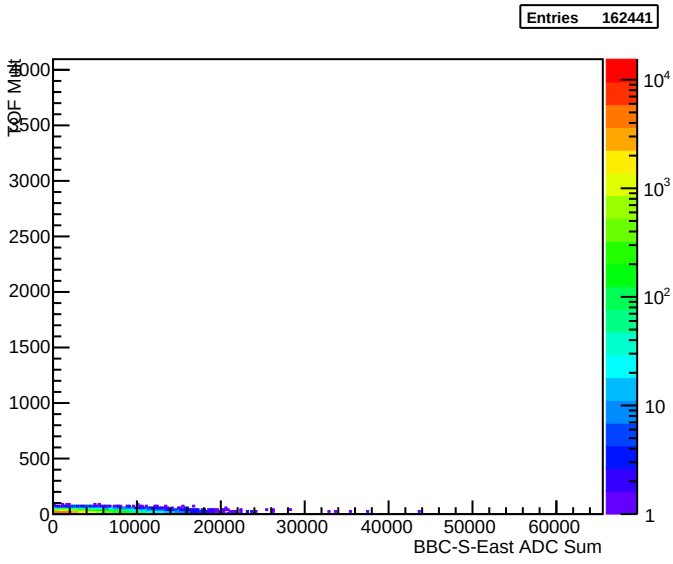


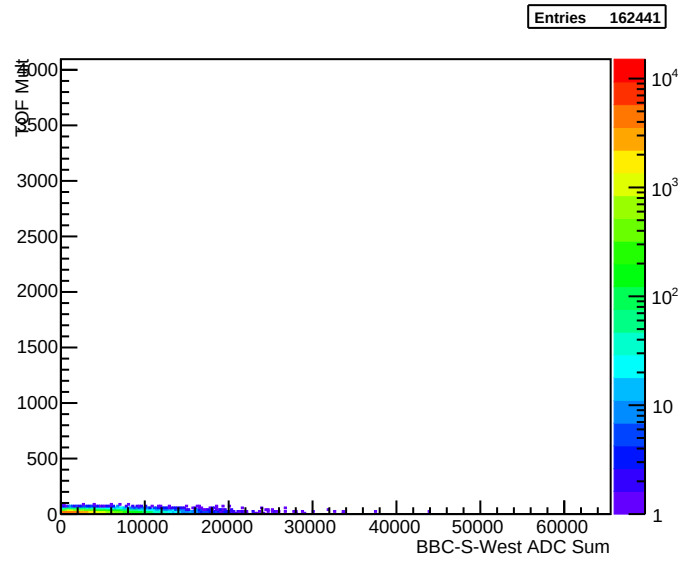
VT201 Input Ch4: VPD Adc Sum Th

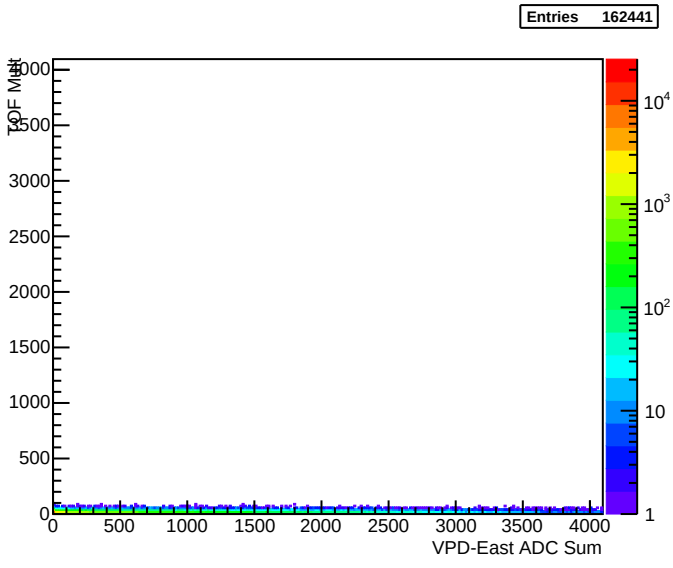


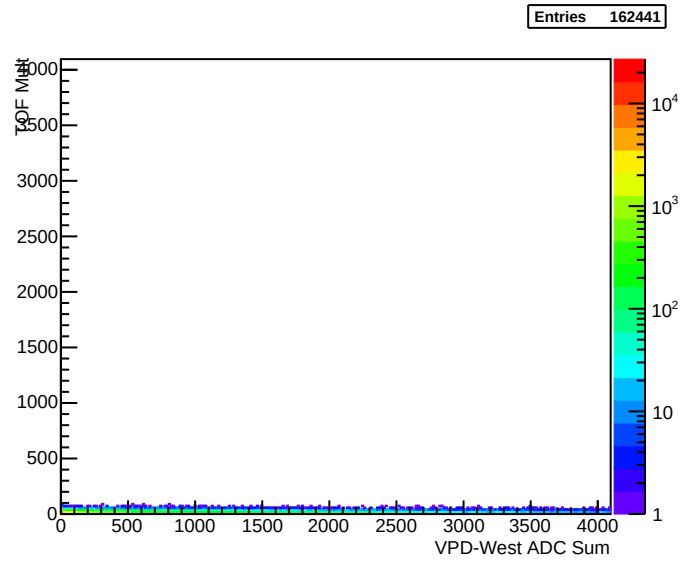
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

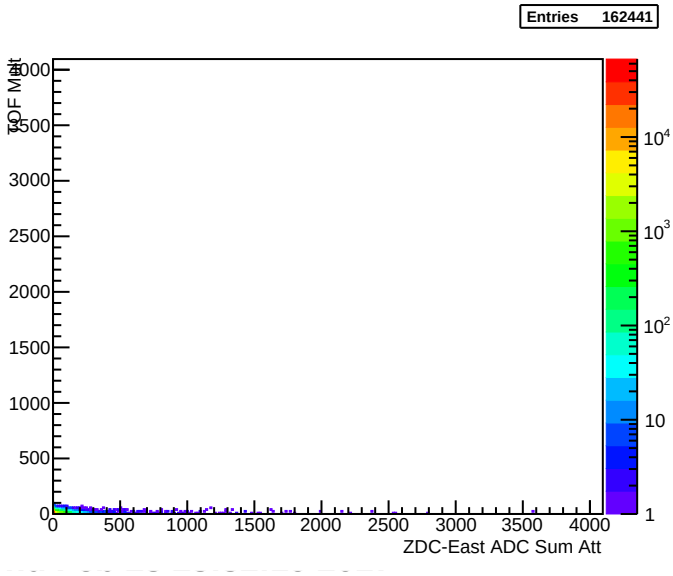


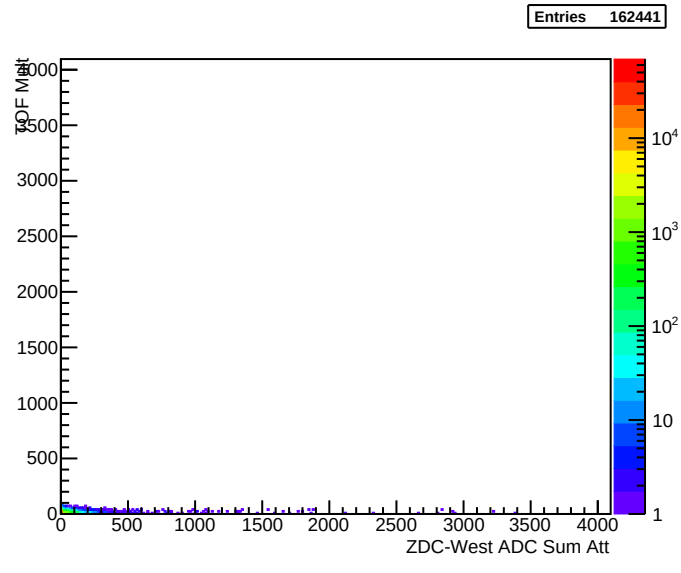

Entries 162441
TOF Mult
BBC-S-East ADC Sum

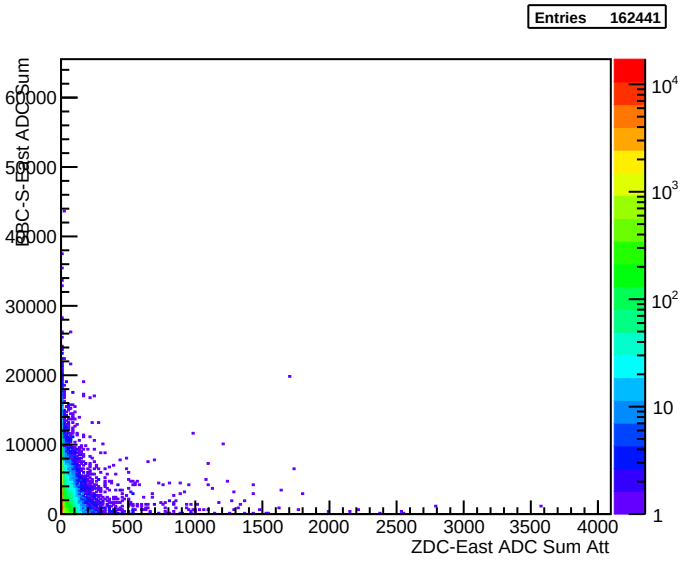

Entries 162441
TOF Mult
BBC-S-West ADC Sum

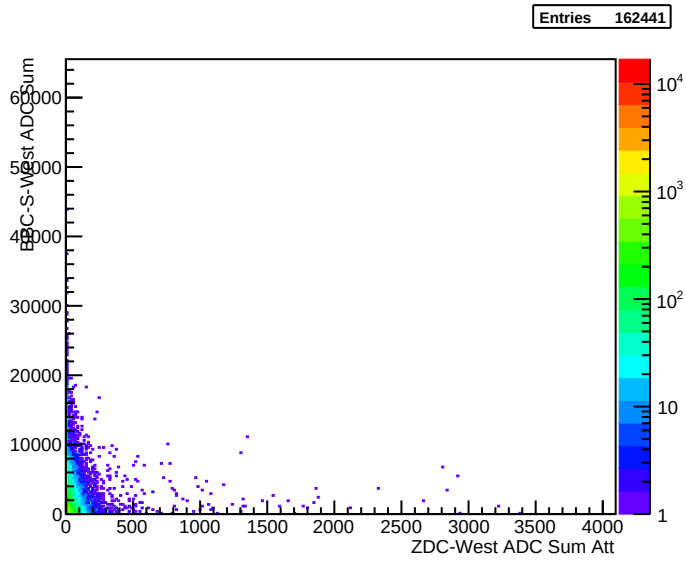

Entries 162441
TOF Mult
VPD-East ADC Sum

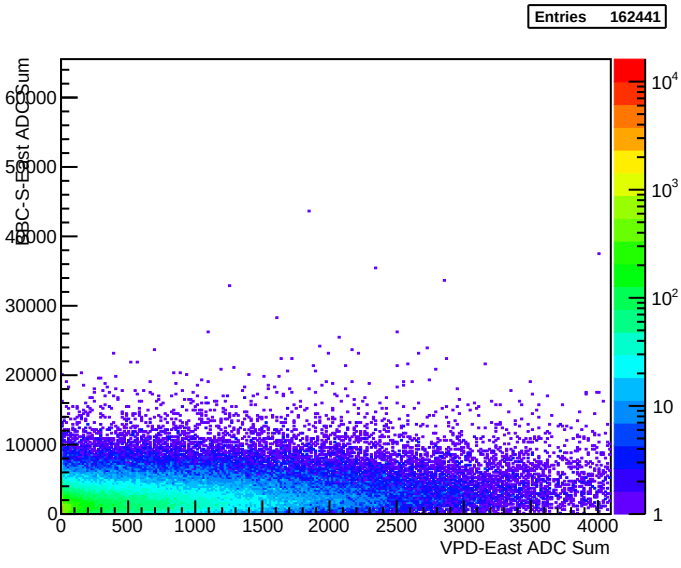

Entries 162441
TOF Mult
VPD-West ADC Sum

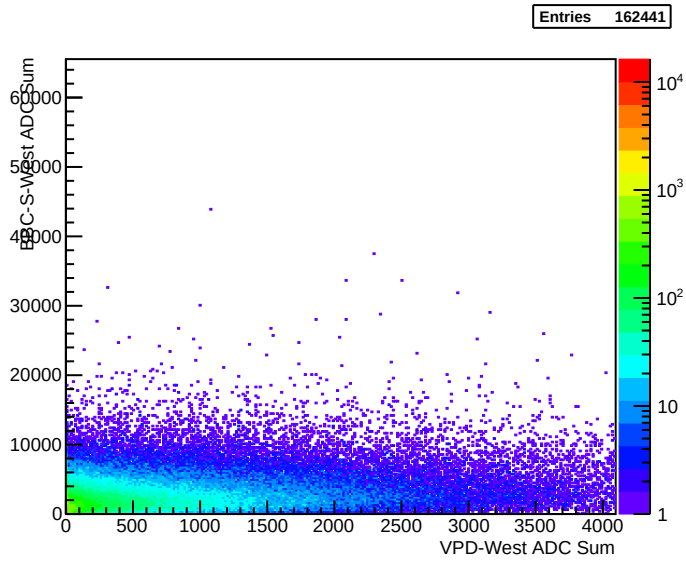

Entries 162441
TOF Mult
ZDC-East ADC Sum Att

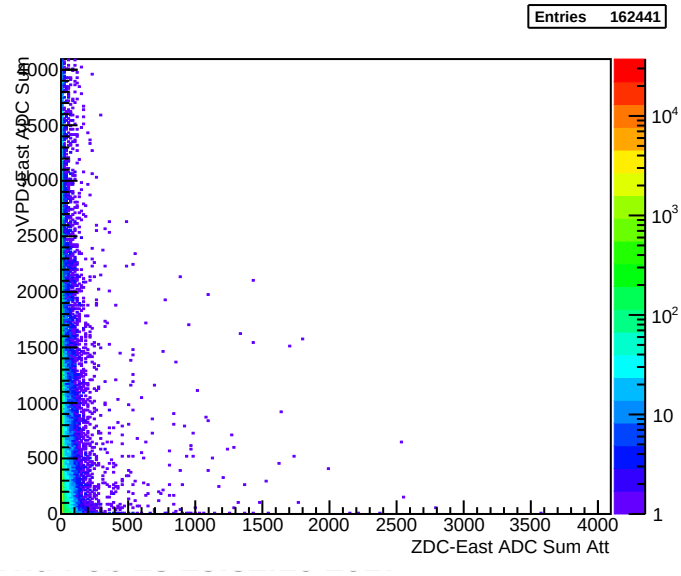

Entries 162441
TOF Mult
ZDC-West ADC Sum Att

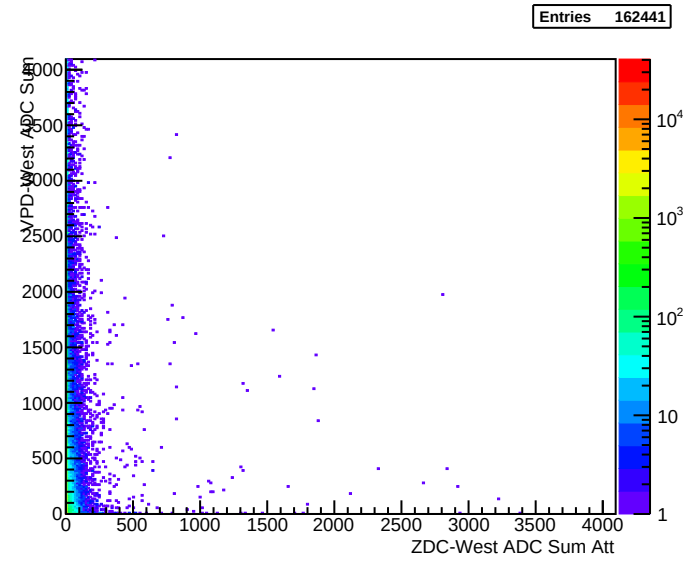

Entries 162441
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

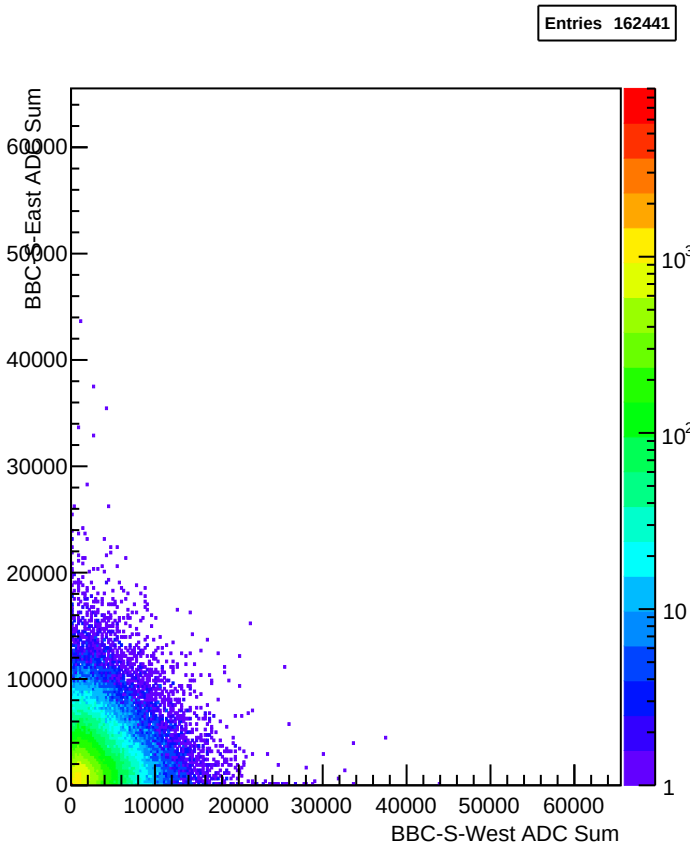

Entries 162441
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

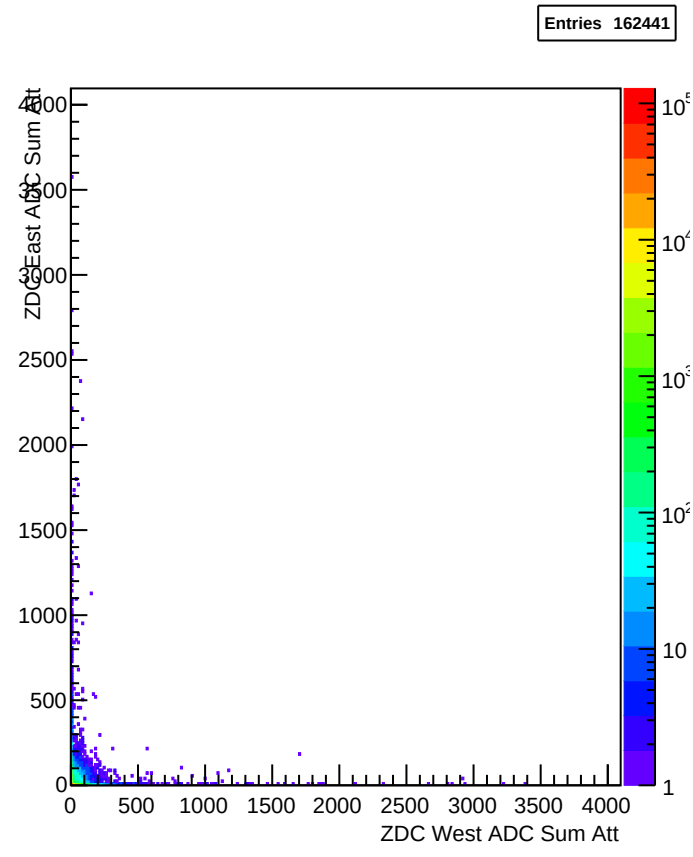

Entries 162441
BBC-S-East ADC Sum
VPD-East ADC Sum

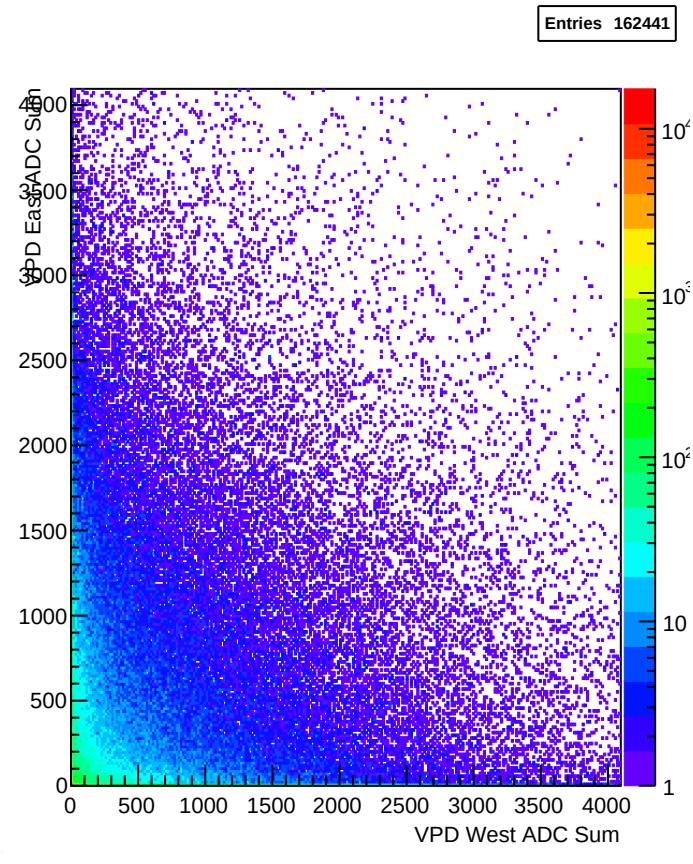

Entries 162441
BBC-S-West ADC Sum
VPD-West ADC Sum

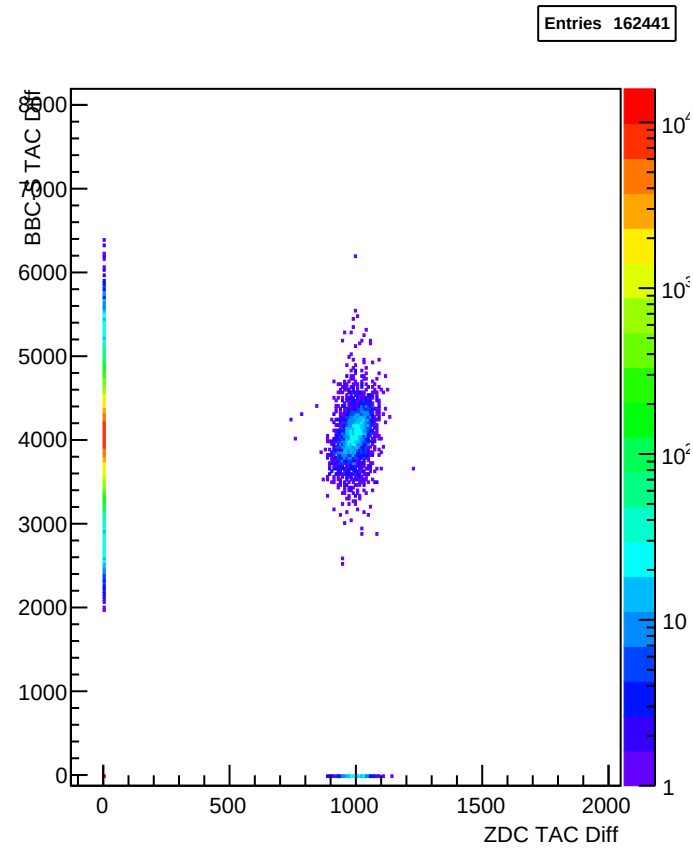

Entries 162441
VPD-East ADC Sum
ZDC-East ADC Sum Att

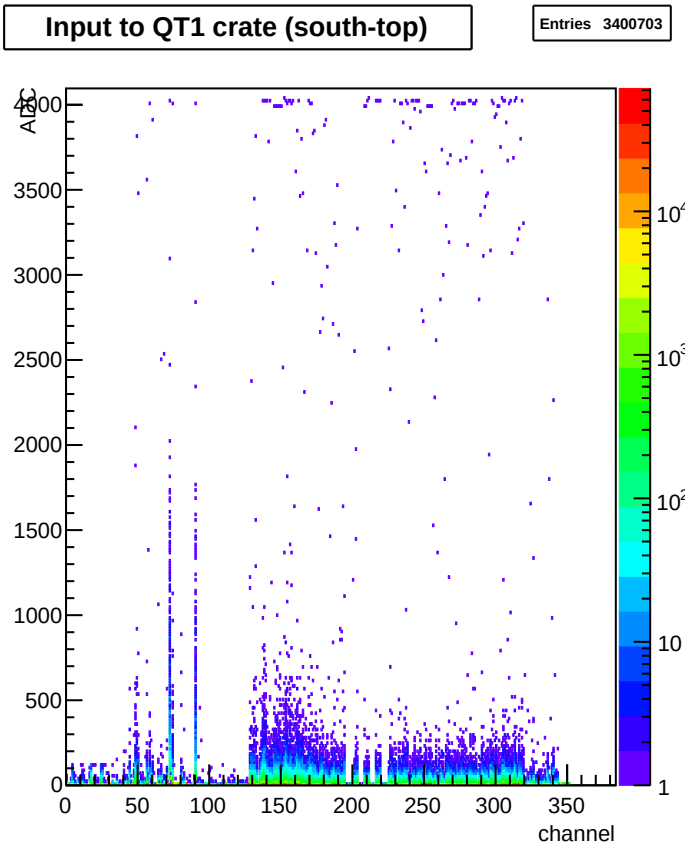

Entries 162441
VPD-West ADC Sum
ZDC-West ADC Sum Att

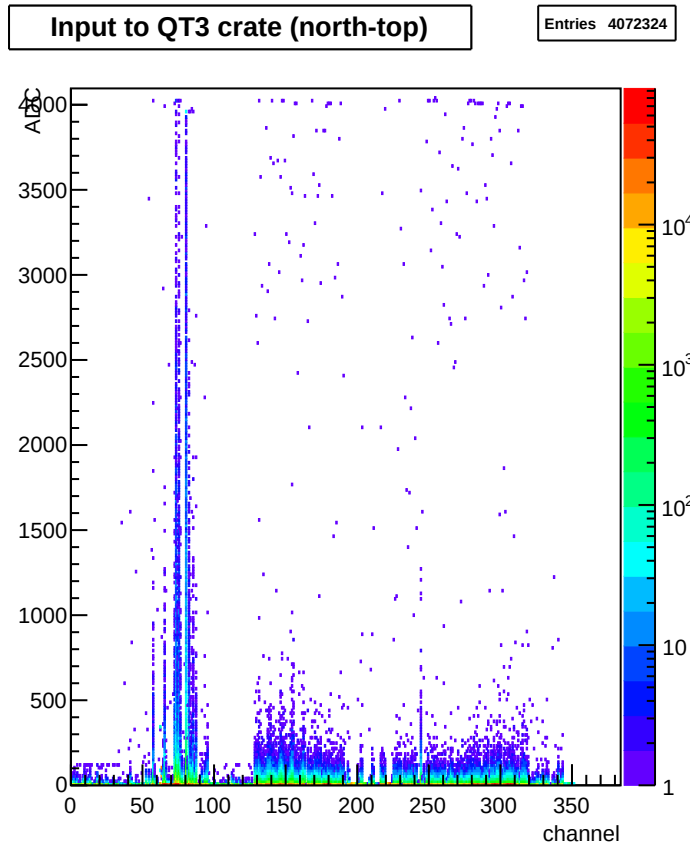

Entries 162441
BBC-S-East ADC Sum
BBC-S-West ADC Sum

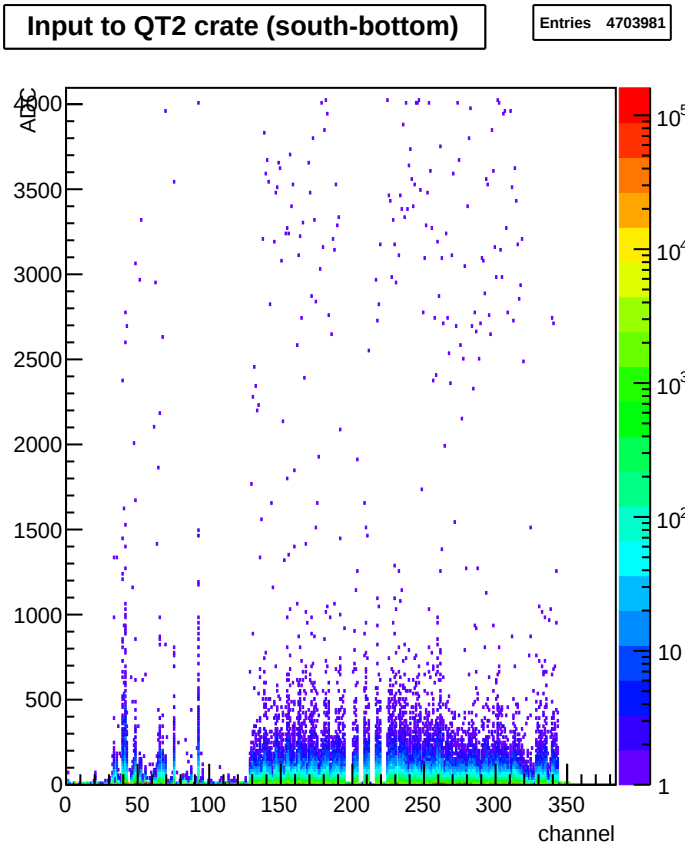

Entries 162441
ZDC East ADC Sum Att
ZDC West ADC Sum Att

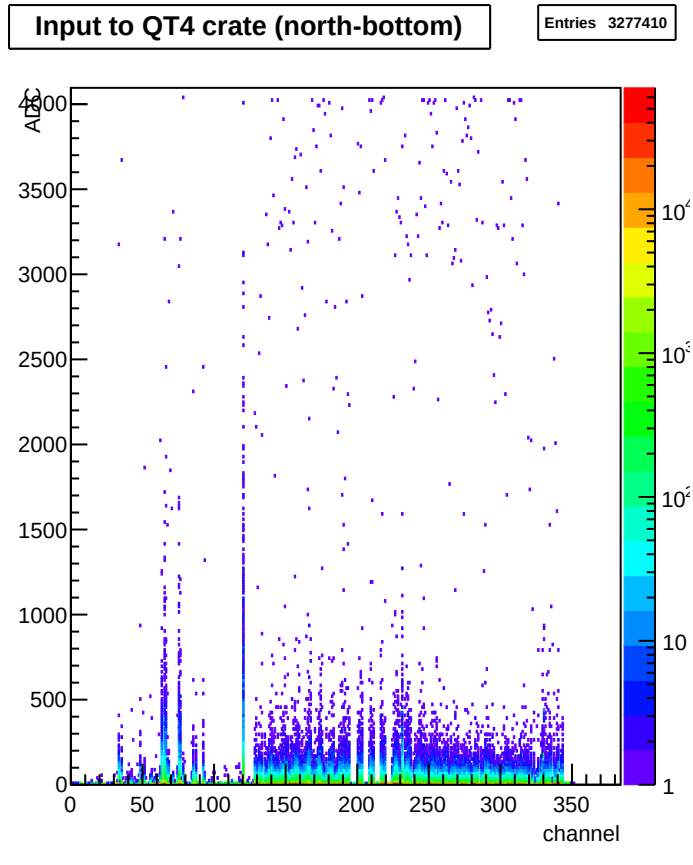

Entries 162441
VPD East ADC Sum
VPD West ADC Sum

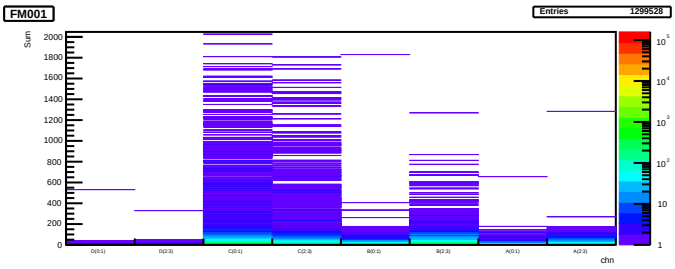

Entries 162441
BBC-S TAC Diff
ZDC TAC Diff

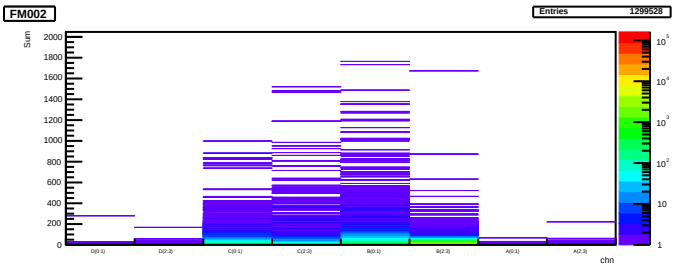

Input to QT1 crate (south-top)
Entries 3400703
ADC
channel

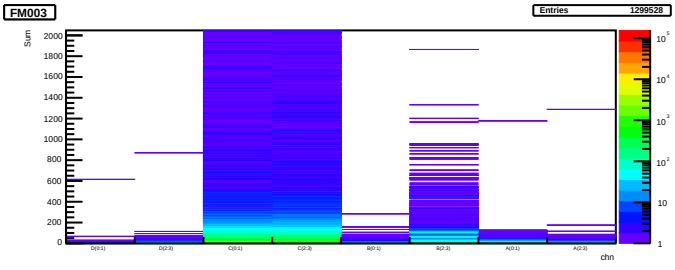

Input to QT3 crate (north-top)
Entries 4072324
ADC
channel

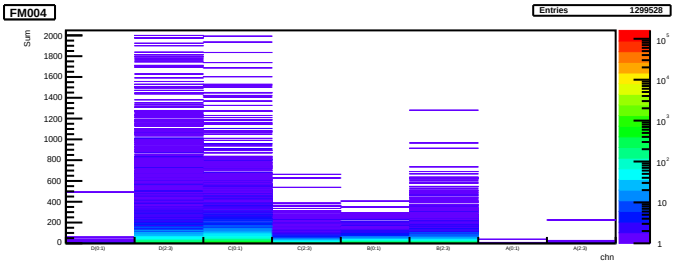

Input to QT2 crate (south-bottom)
Entries 4703981
ADC
channel

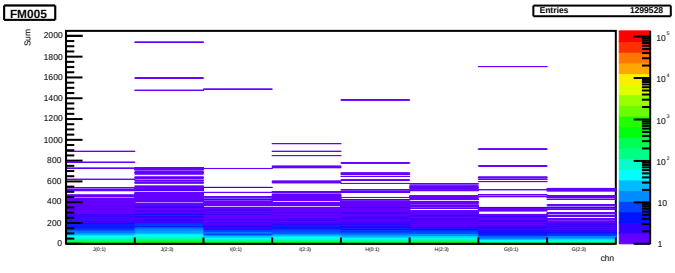

Input to QT4 crate (north-bottom)
Entries 3277410
ADC
channel

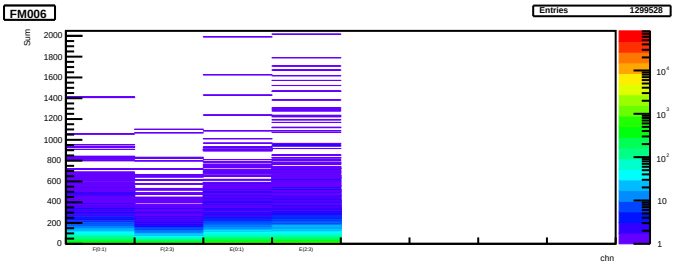

FM001
Entries 1299528
Sum
chn

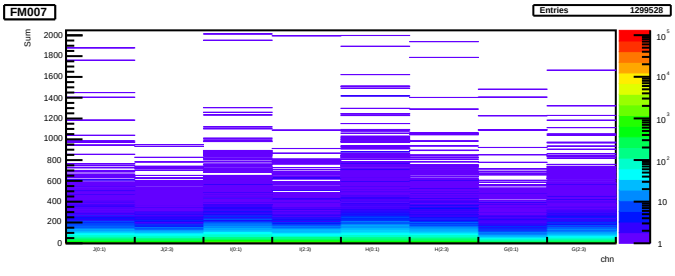

FM002
Entries 1299528
Sum
chn

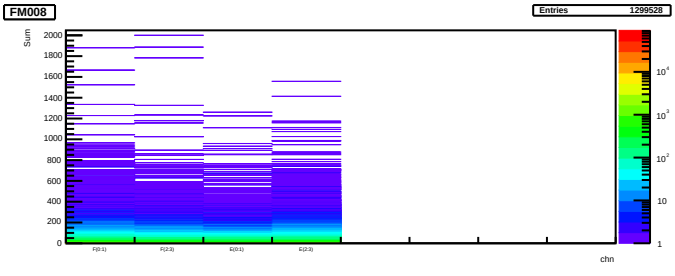

FM003
Entries 1299528
Sum
chn

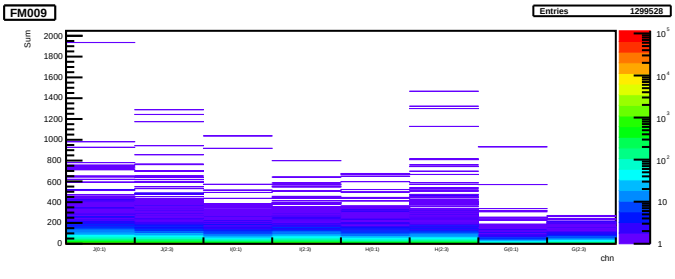

FM004
Entries 1299528
Sum
chn

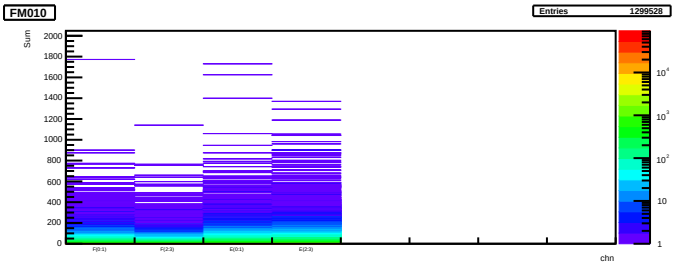

FM005
Entries 1299528
Sum
chn

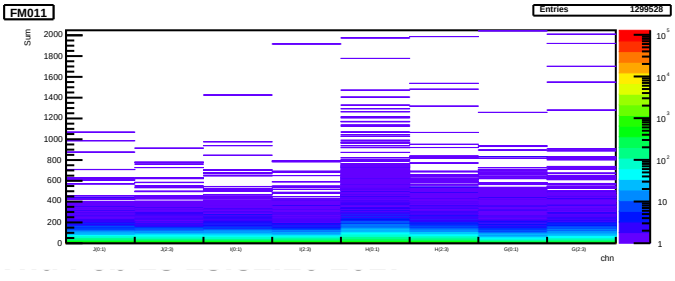

FM006
Entries 1299528
Sum
chn

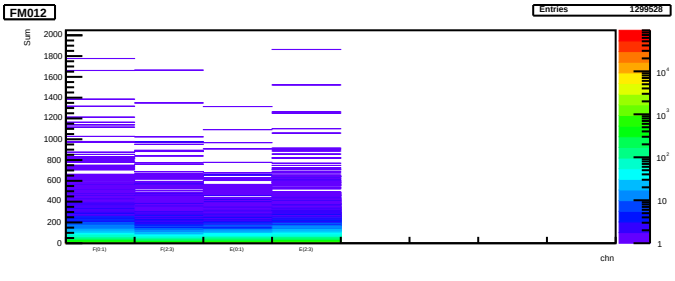

FM007
Entries 1299528
Sum
chn


FM008
Entries 1299528
Sum
chn


FM009
Entries 1299528
Sum
chn


FM010
Entries 1299528
Sum
chn


FM011
Entries 1299528
Sum
chn


FM012
Entries 1299528
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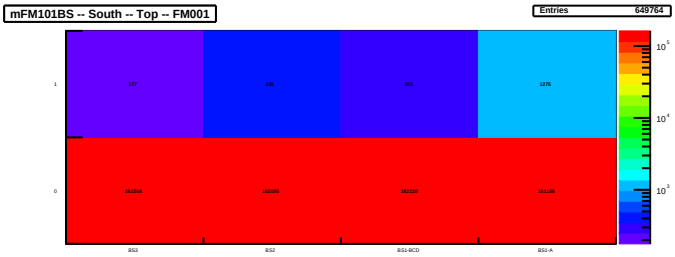
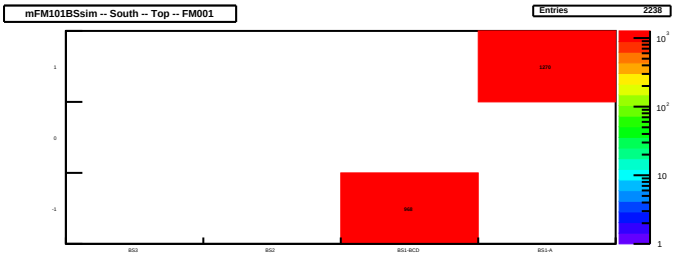

mFM101BS -- South -- Top -- FM001
Entries 649764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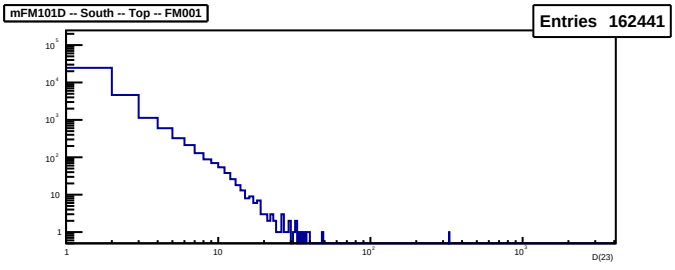
Entries 2238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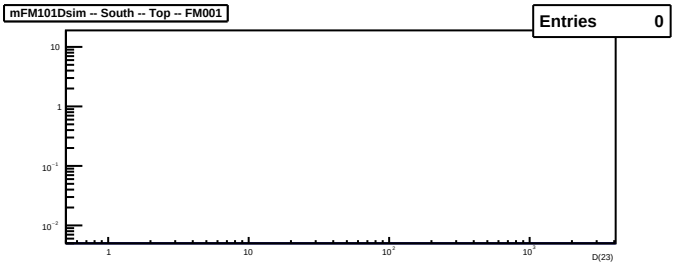
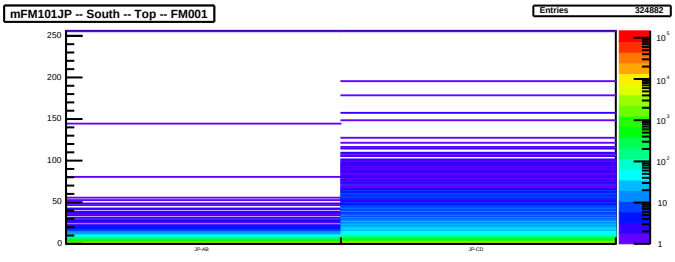
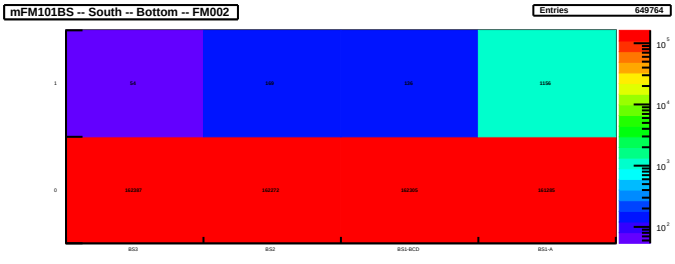
Entries 162441
D(23)


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


mFM101JP -- South -- Top -- FM001
Entries 324882

mFM101JPsim -- South -- Top -- FM001
Entries 0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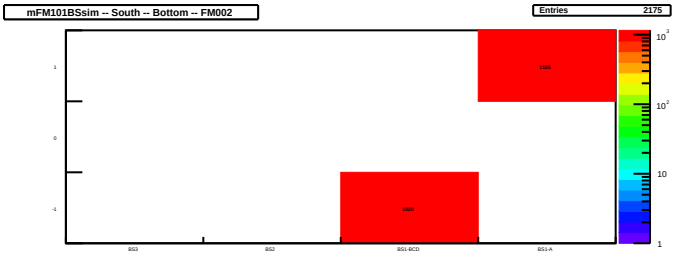
Entries 649764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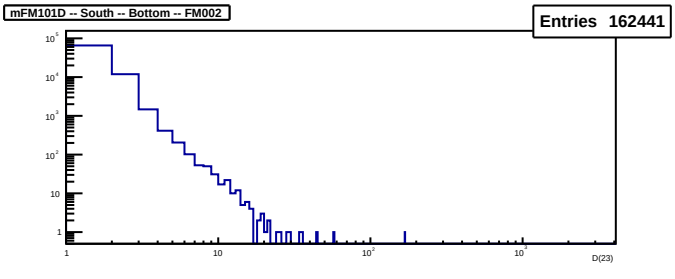
Entries 2175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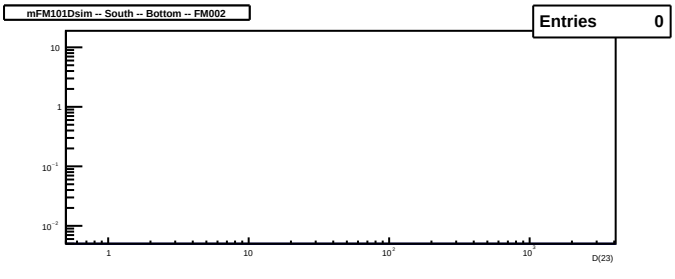
Entries 162441
D(23)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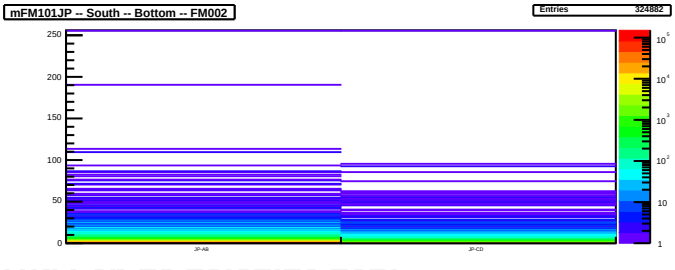
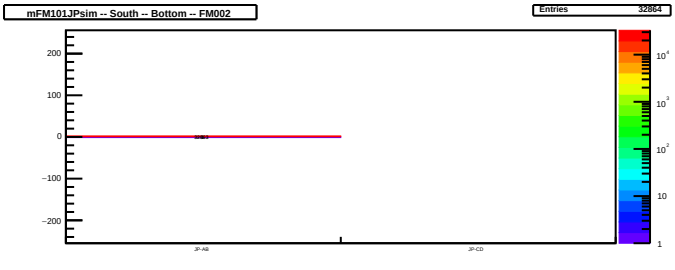
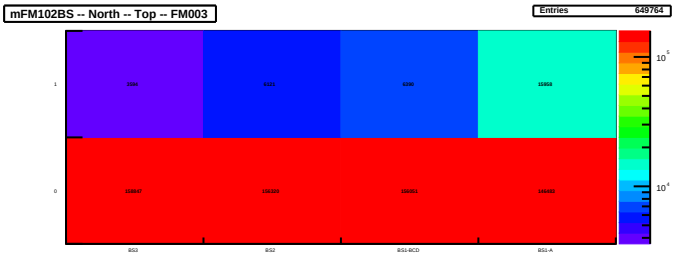
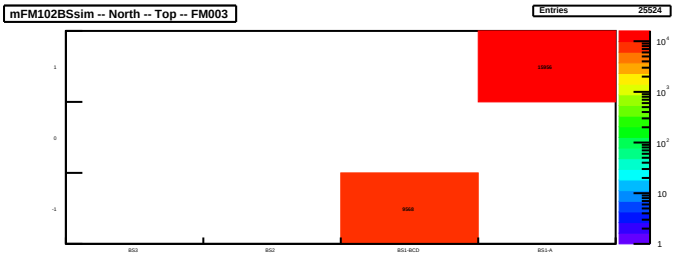
Entries 0
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 324882


mFM101JPsim -- South -- Bottom -- FM002
Entries 32864


mFM102BS -- North -- Top -- FM003
Entries 649764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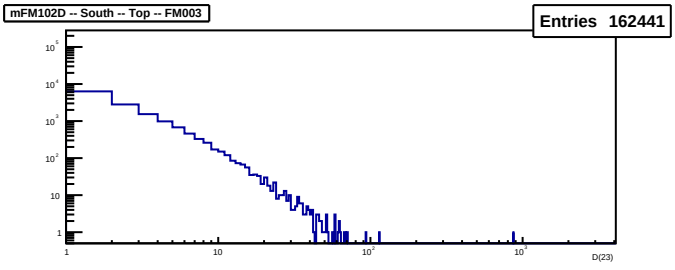
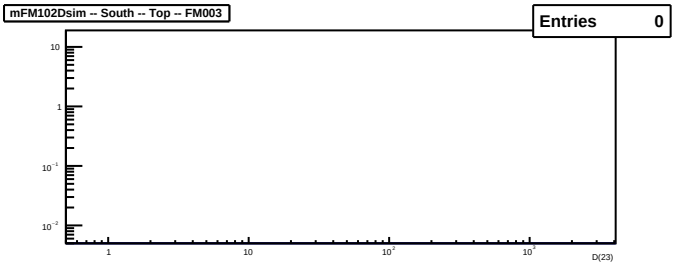
Entries 25524


mFM102D -- South -- Top -- FM003
Entries 162441
D(23)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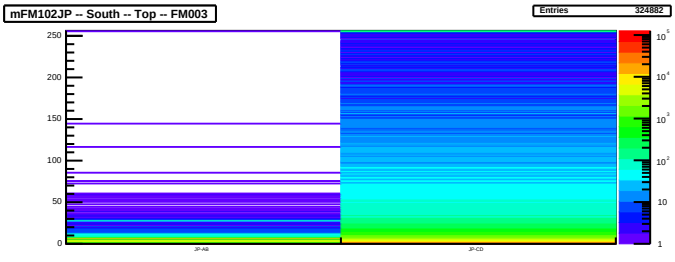
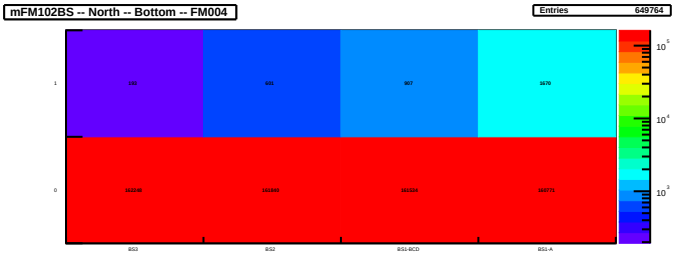
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 324882

mFM102JPsim -- South -- Top -- FM003
Entries 0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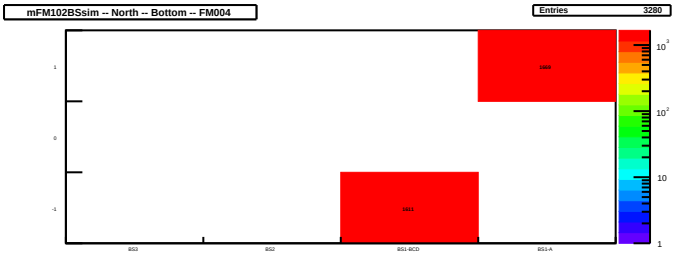
Entries 649764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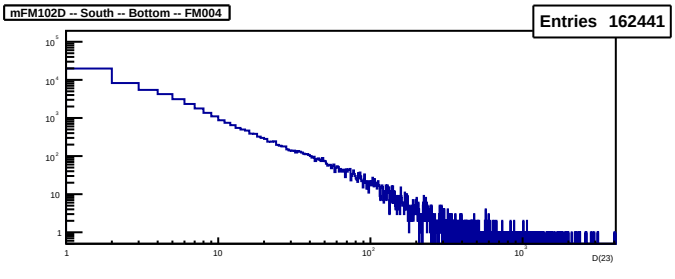
Entries 3280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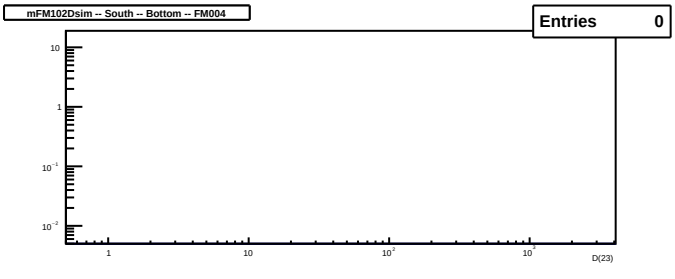
Entries 162441
D(23)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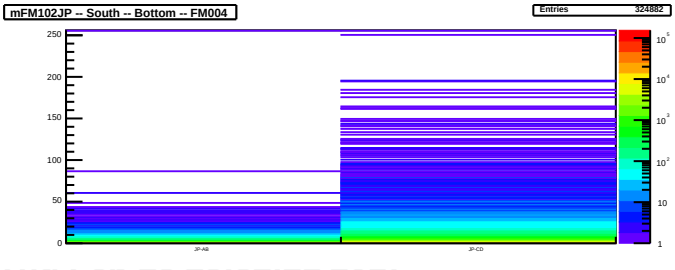
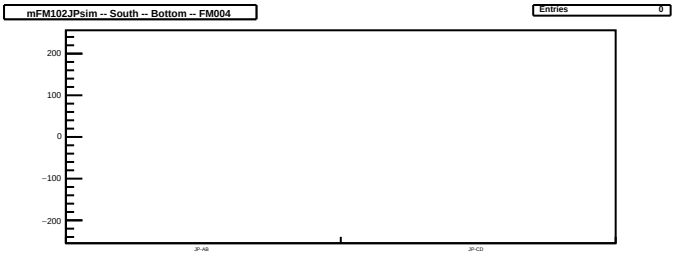
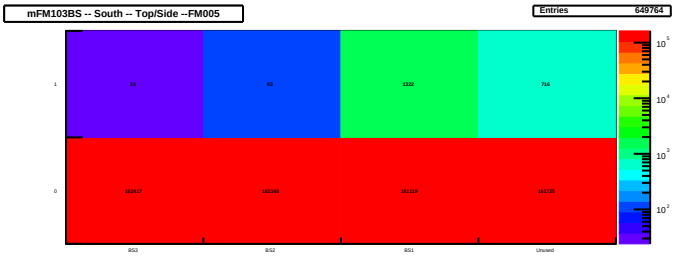
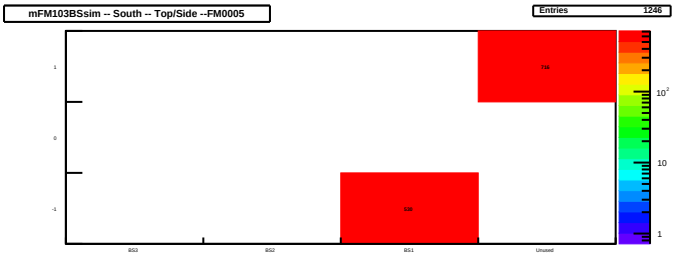
Entries 0
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 324882


mFM102JPsim -- South -- Bottom -- FM004
Entries 0


mFM103BS -- South -- Top/Side --FM005
Entries 649764
24
93
1322
716
162417
162348
161119
162725
BS3
BS2
BS1
Unused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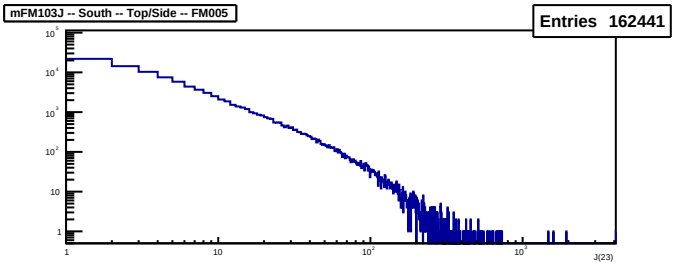
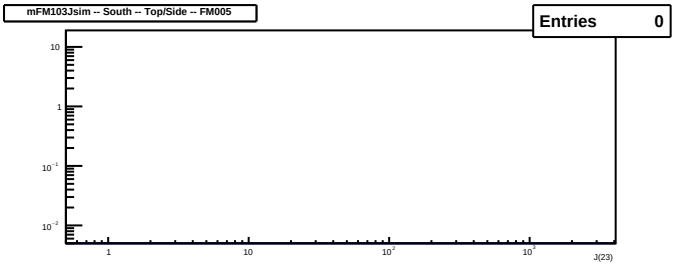
Entries 1246
716
530
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 162441
J(23)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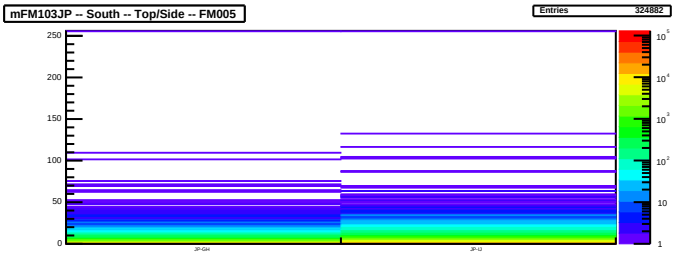
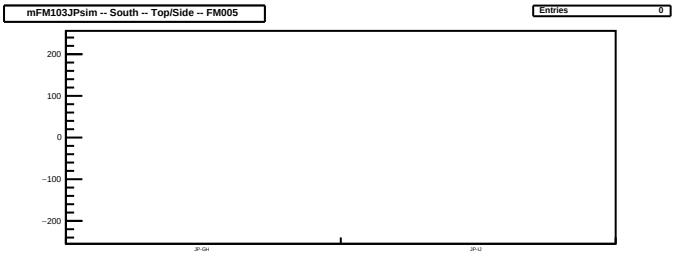
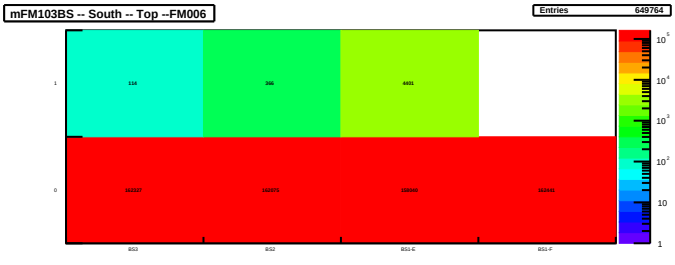
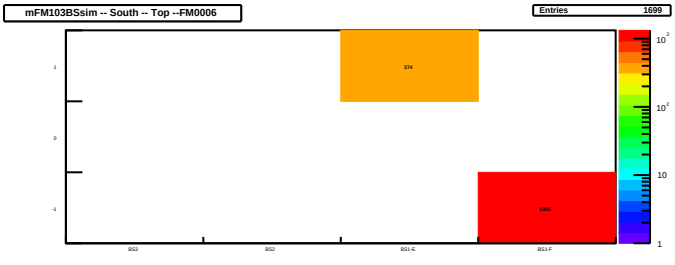
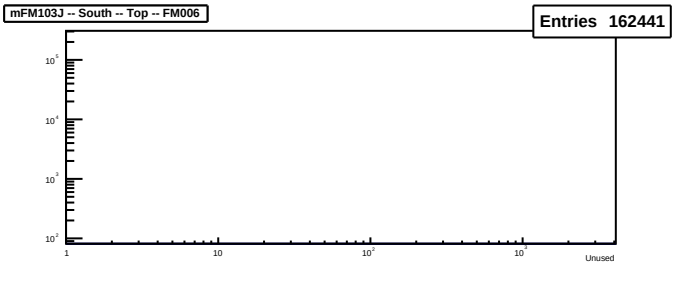
Entries 0
J(23)

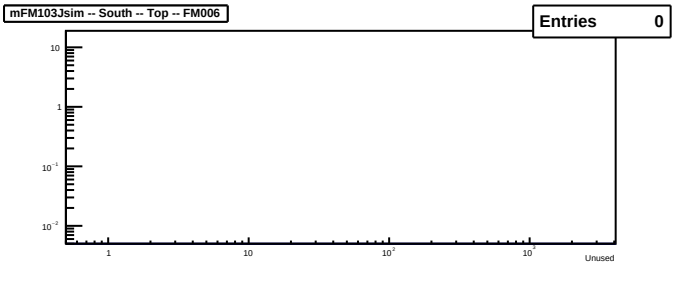

mFM103JP -- South -- Top/Side -- FM005
Entries 324882
JP-GH
JP-IJ


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


mFM103BS -- South -- Top --FM006
Entries 649764
114
398
4491
162327
162075
158040
162441
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 1699
374
1325
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 162441
Unused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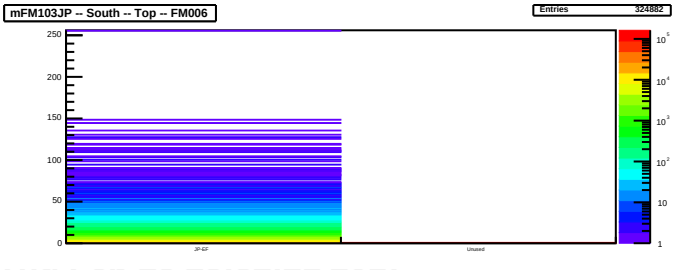
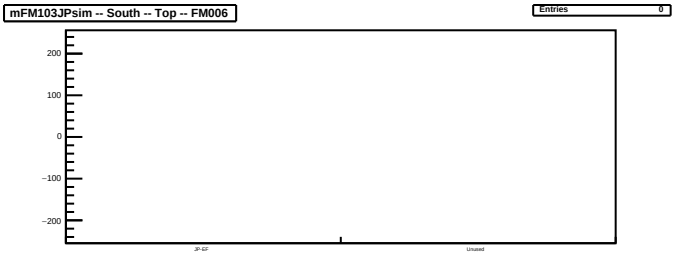
Entries 0
Unused


mFM103JP -- South -- Top -- FM006
Entries 324882
JP-EF
Unused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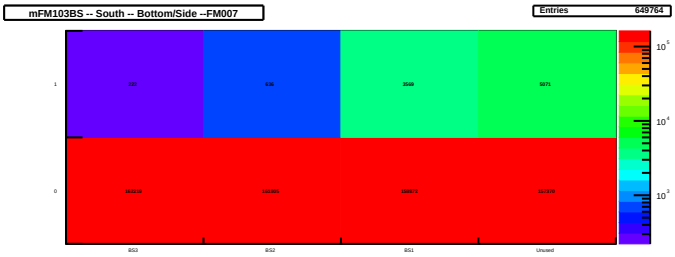
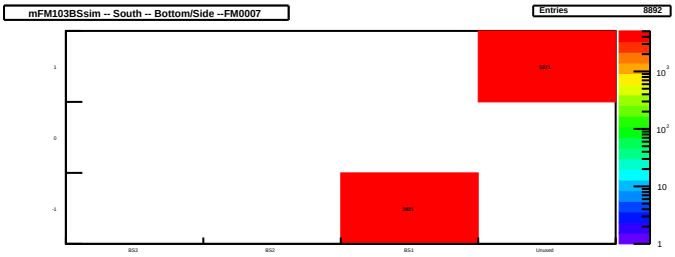
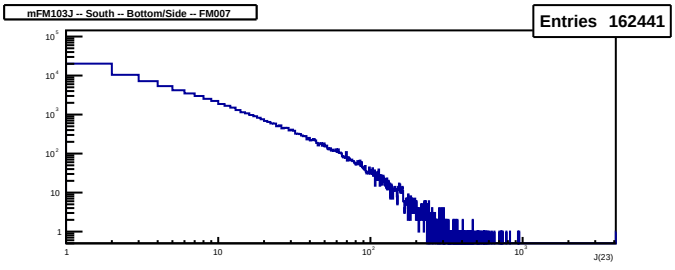
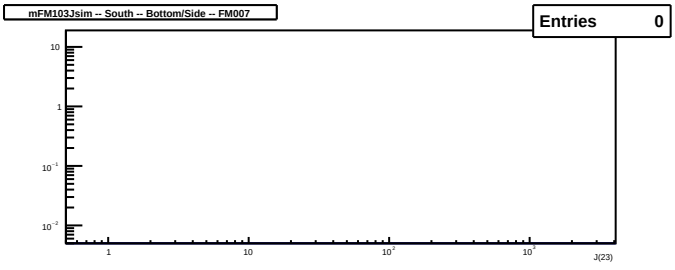
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 649764
222
536
3548
5071
162219
161691
158872
157270
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 8892
5071
2821
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 162441
J(23)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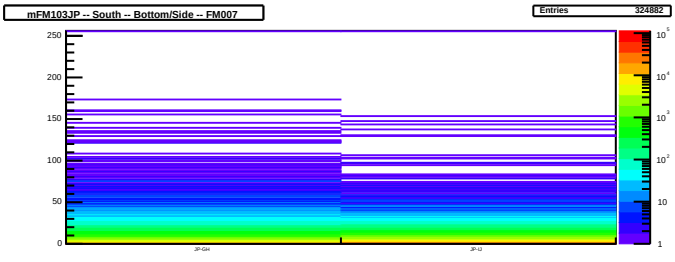
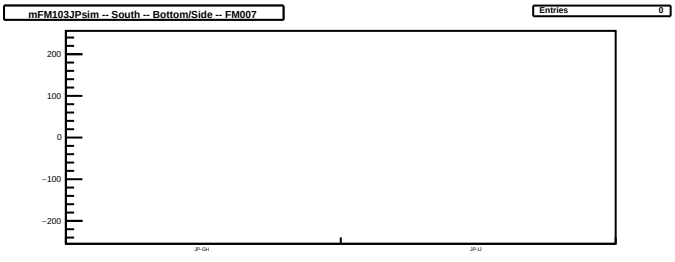
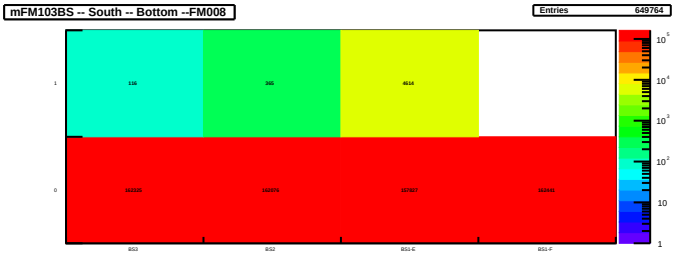
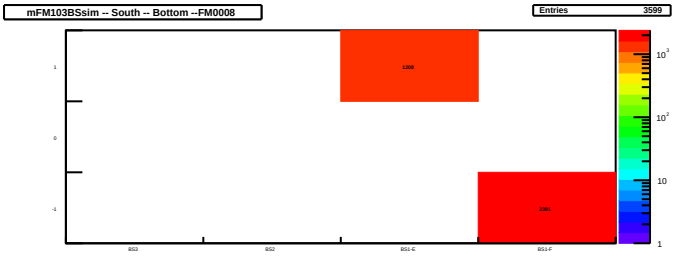
Entries 0
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 324882
JP-GH
JP-U


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


mFM103BS -- South -- Bottom --FM008
Entries 649764
116
345
4614
162325
162076
157927
162441
BS3
BS2
BS1-E
BS1-F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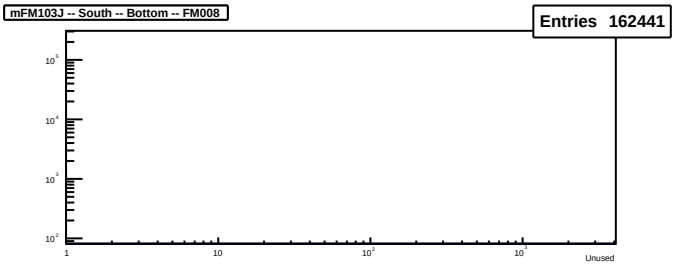
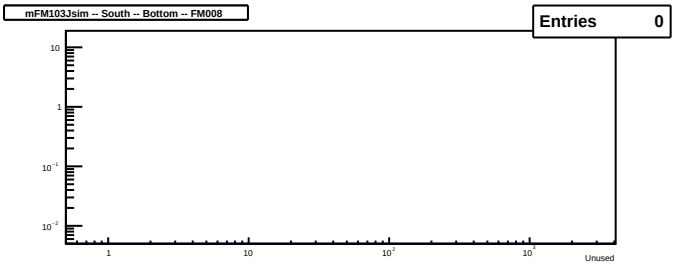
Entries 3599
1208
2391
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 162441
Unused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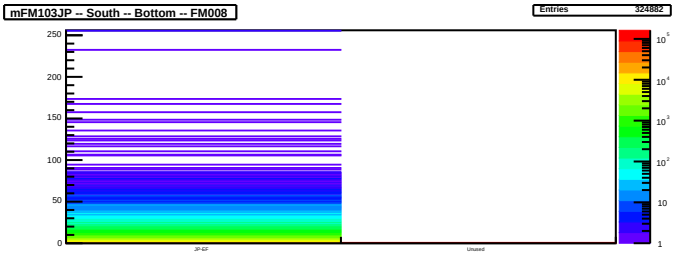
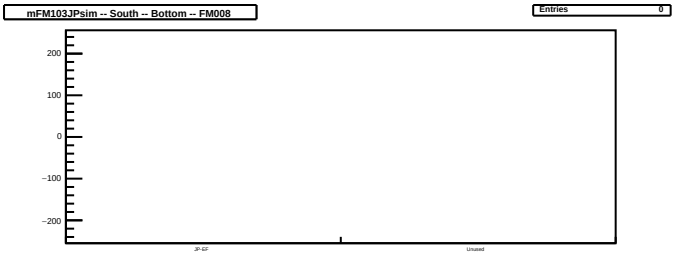
Entries 0
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 324882
JP-EF
Unused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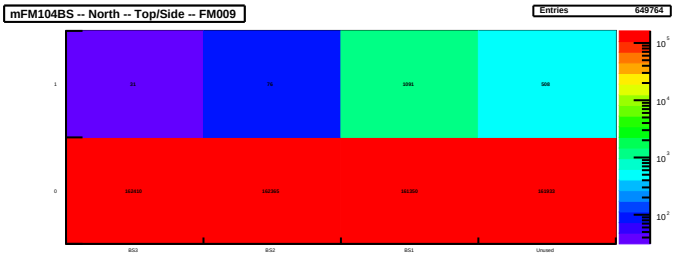
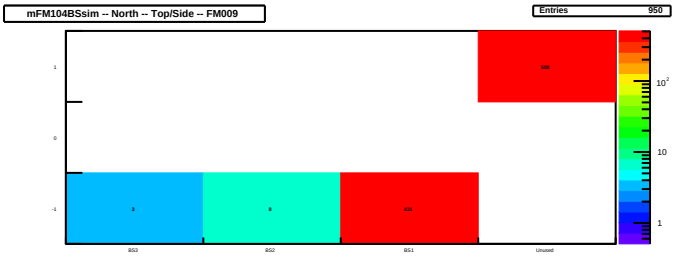
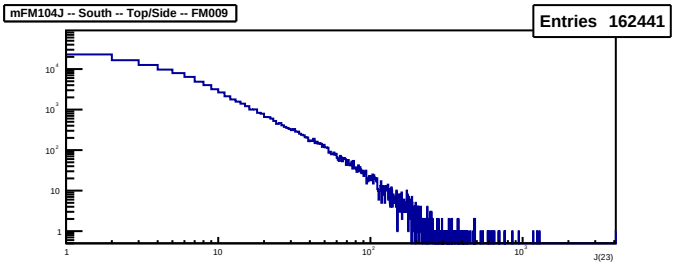
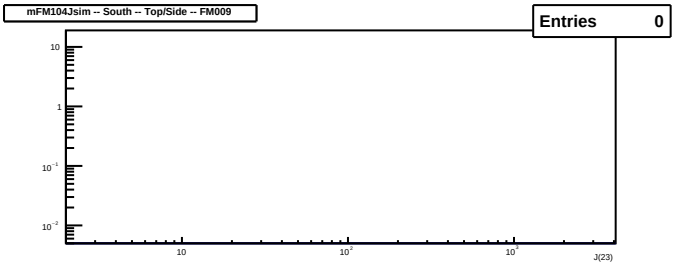
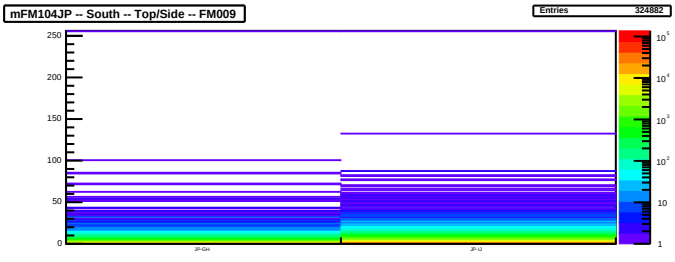
Entries 0
JP-EF
Unused

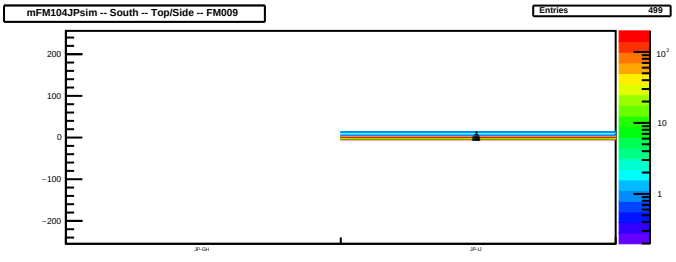

mFM104BS -- North -- Top/Side -- FM009
Entries 649764

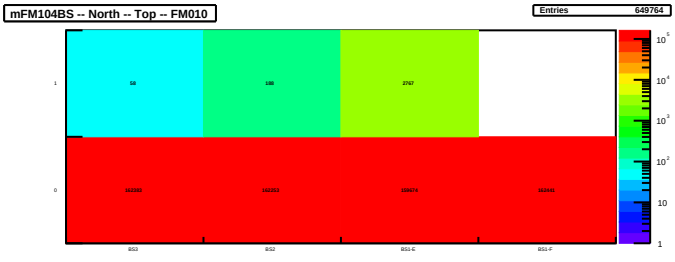

mFM104BSsim -- North -- Top/Side -- FM009
Entries 950

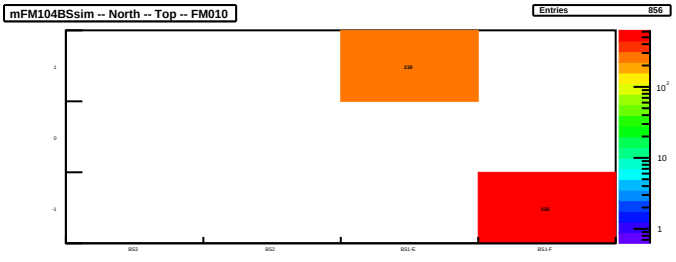

mFM104J -- South -- Top/Side -- FM009
Entries 162441
J(23)

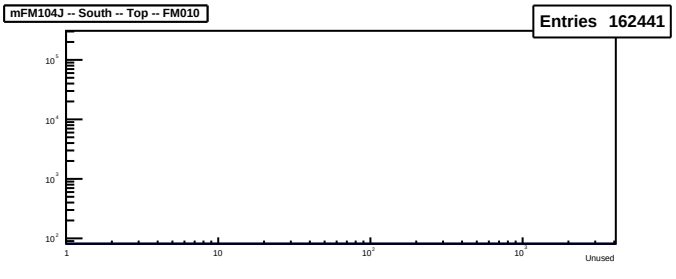

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

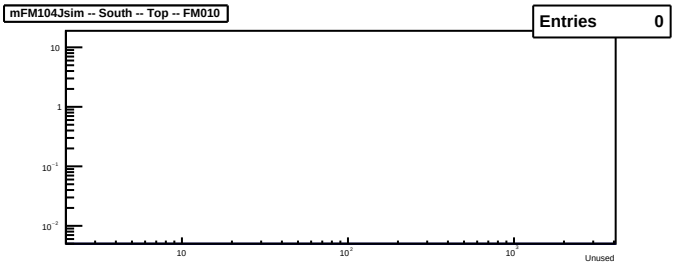

mFM104JP -- South -- Top/Side -- FM009
Entries 324882

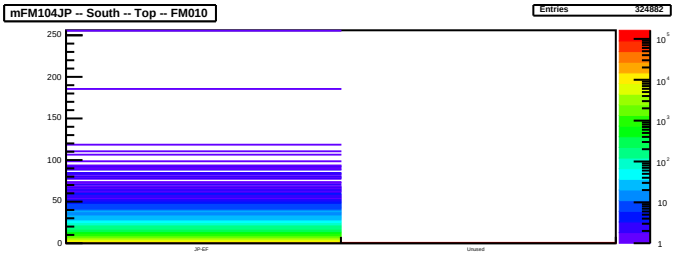

mFM104JPsim -- South -- Top/Side -- FM009
Entries 499

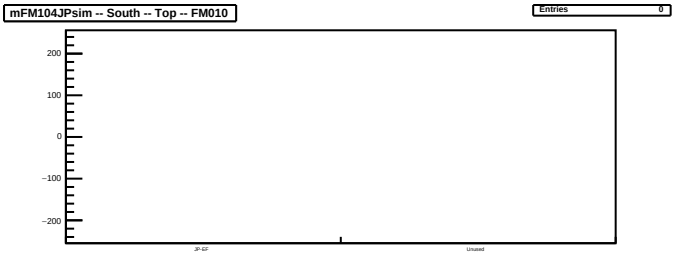

mFM104BS -- North -- Top -- FM010
Entries 649764

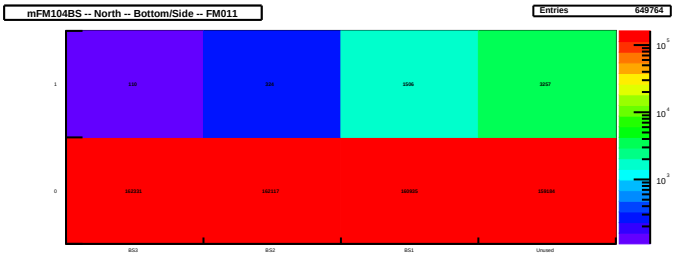

mFM104BSsim -- North -- Top -- FM010
Entries 856

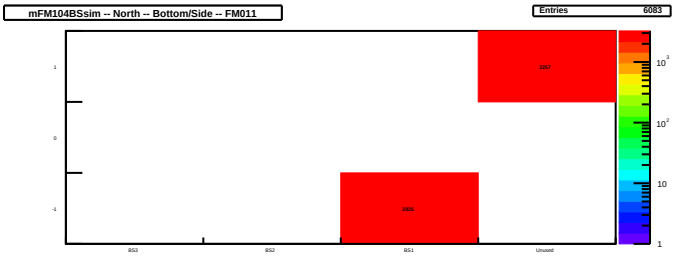

mFM104J -- South -- Top -- FM010
Entries 162441
Unused

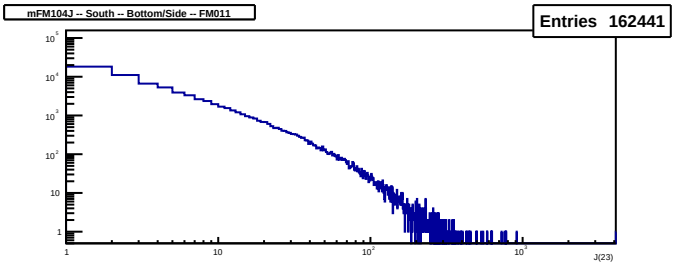

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

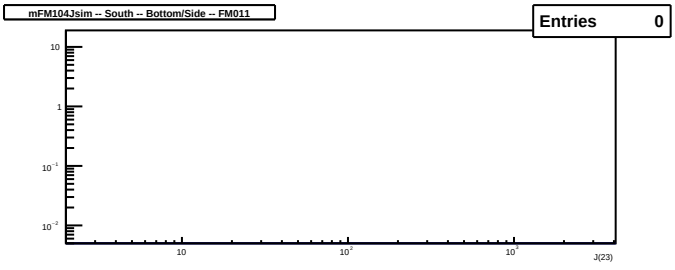

mFM104JP -- South -- Top -- FM010
Entries 324882

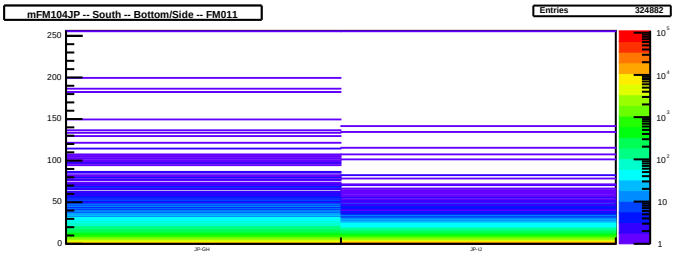

mFM104JPsim -- South -- Top -- FM010
Entries 0

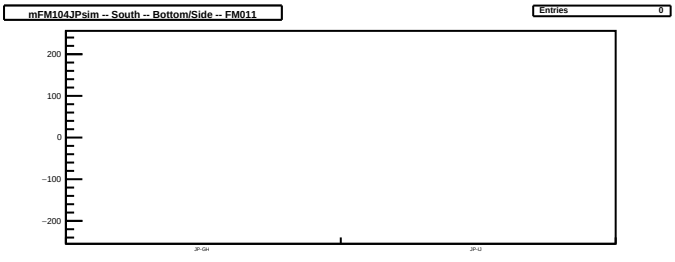

mFM104BS -- North -- Bottom/Side -- FM011
Entries 649764
110
324
1506
3257
162331
162117
160935
158194
BS3
BS2
BS1
Unused

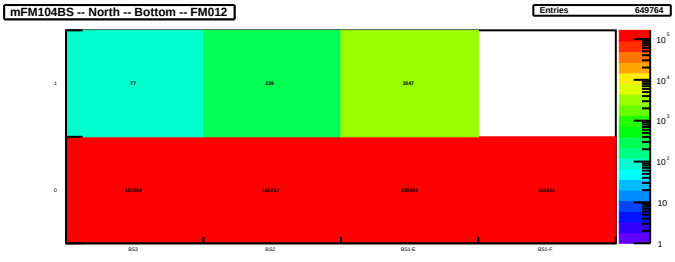

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 6083
3257
2826
BS3
BS2
BS1
Unused

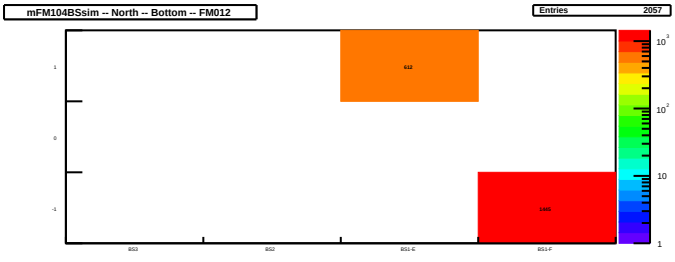

mFM104J -- South -- Bottom/Side -- FM011
Entries 162441
J(23)

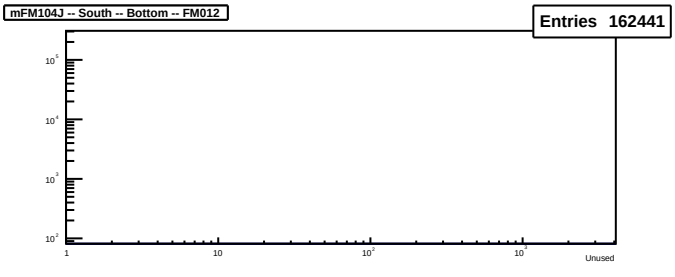

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

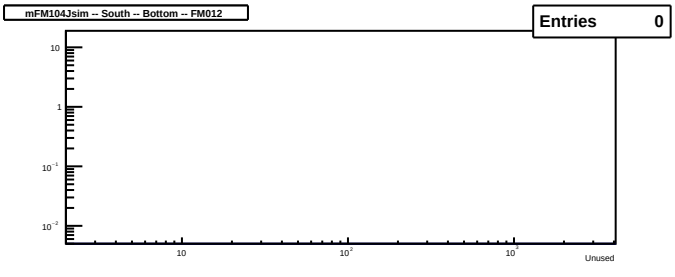

mFM104JP -- South -- Bottom/Side -- FM011
Entries 324882
JP-GH
JP-IJ

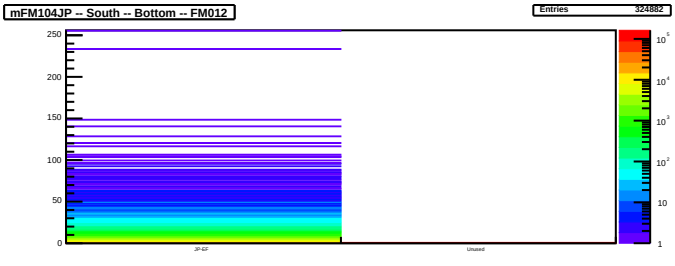

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ


mFM104BS -- North -- Bottom -- FM012
Entries 649764
77
228
3047
162264
162212
159394
162441
BS3
BS2
BS1-E
BS1-F

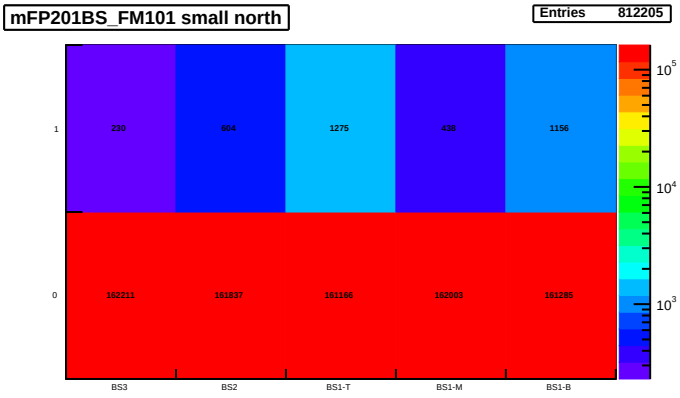

mFM104BSsim -- North -- Bottom -- FM012
Entries 2057
612
1445
BS3
BS2
BS1-E
BS1-F

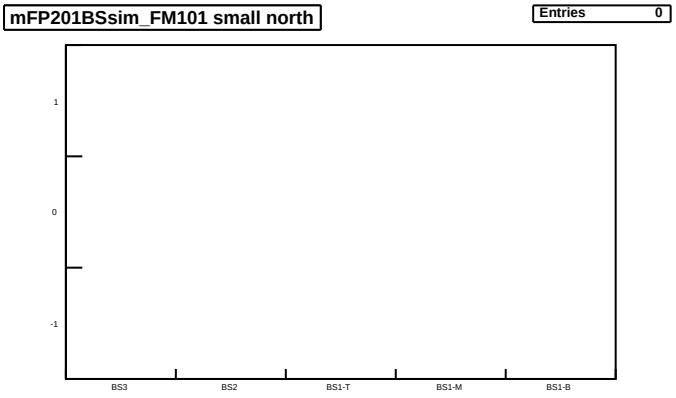

mFM104J -- South -- Bottom -- FM012
Entries 162441
Unused

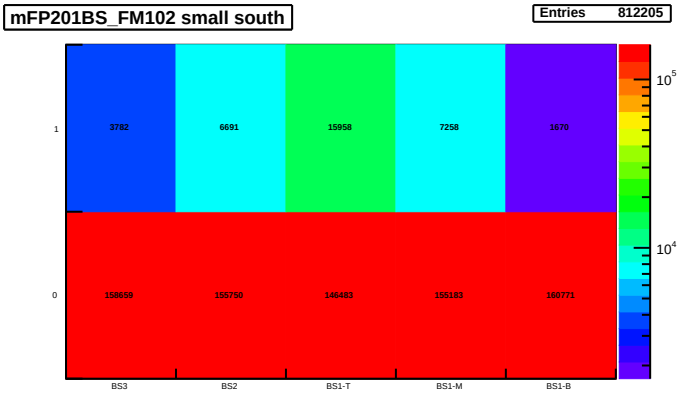

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

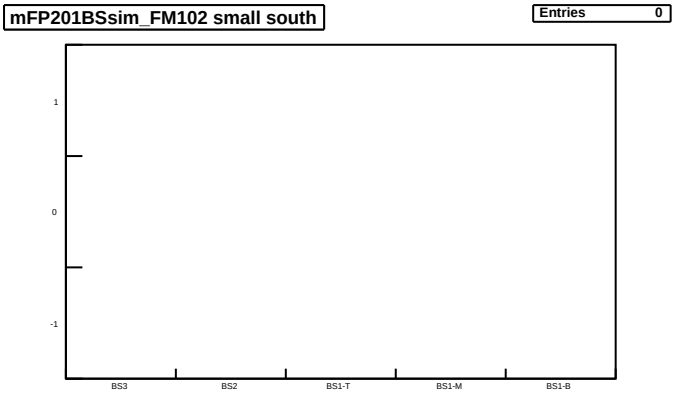

mFM104JP -- South -- Bottom -- FM012
Entries 324882
JP-EF
Unused

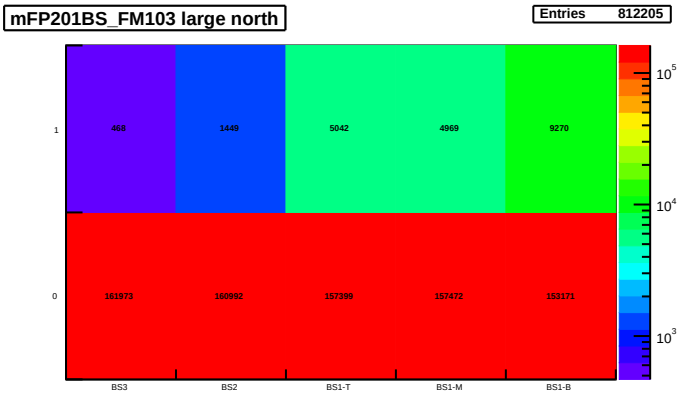
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

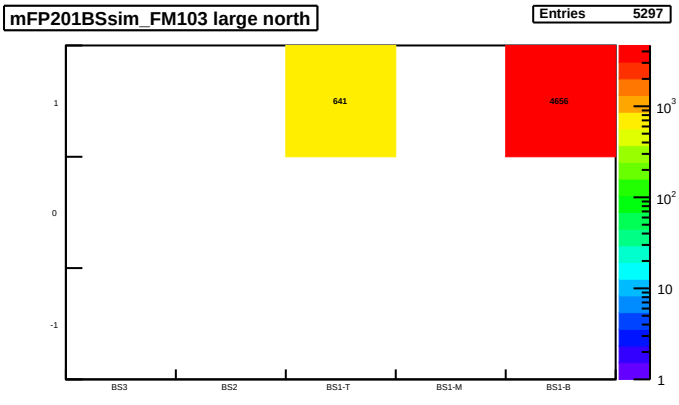

mFP201BS_FM101 small north
Entries 812205
230
604
1275
438
1156
162211
161837
161166
162003
161285
BS3
BS2
BS1-T
BS1-M
BS1-B

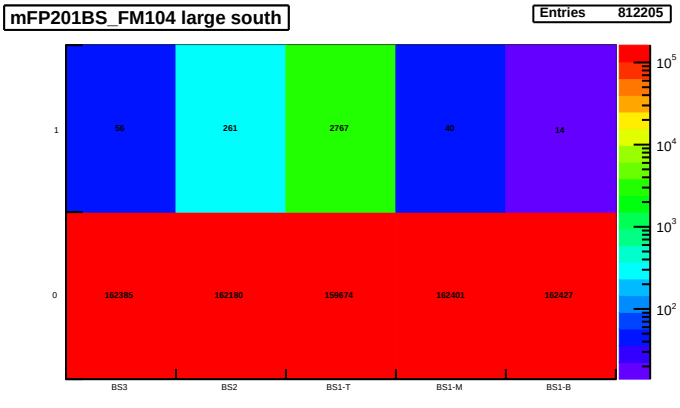

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

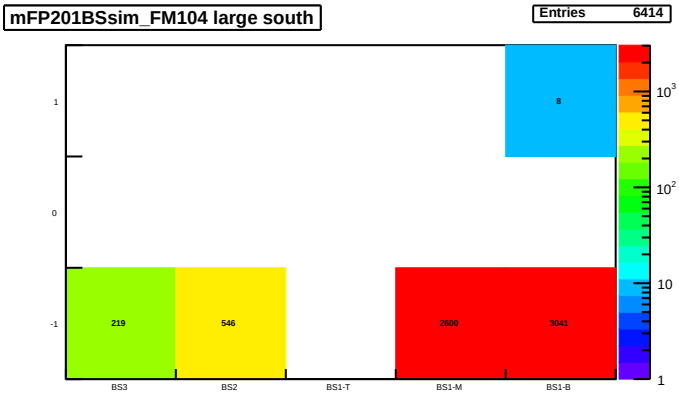

mFP201BS_FM102 small south
Entries 812205
3782
6691
15958
7258
1670
158659
155750
146483
155183
160771
BS3
BS2
BS1-T
BS1-M
BS1-B

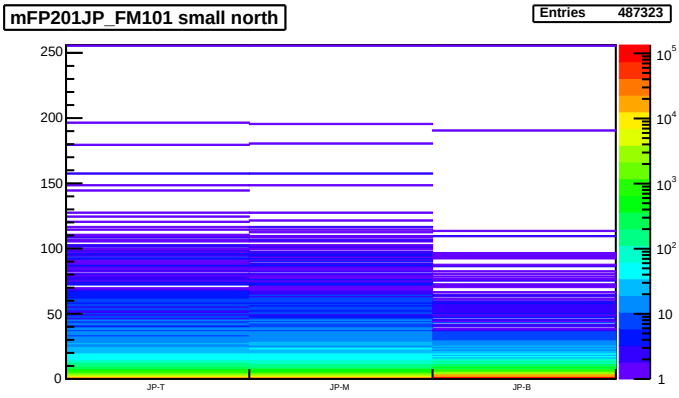

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

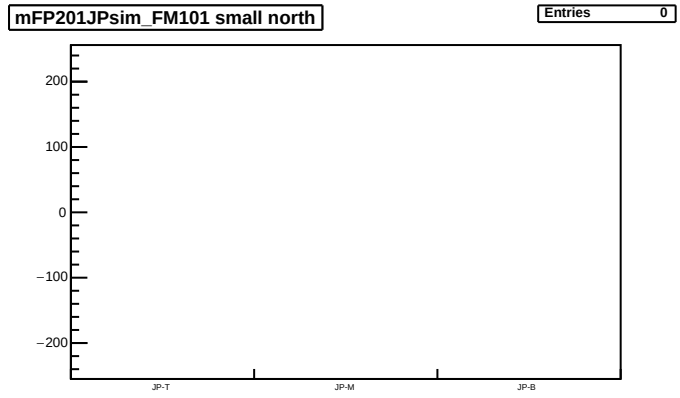

mFP201BS_FM103 large north
Entries 812205
468
1449
5042
4969
9270
161973
160992
157399
157472
153171
BS3
BS2
BS1-T
BS1-M
BS1-B

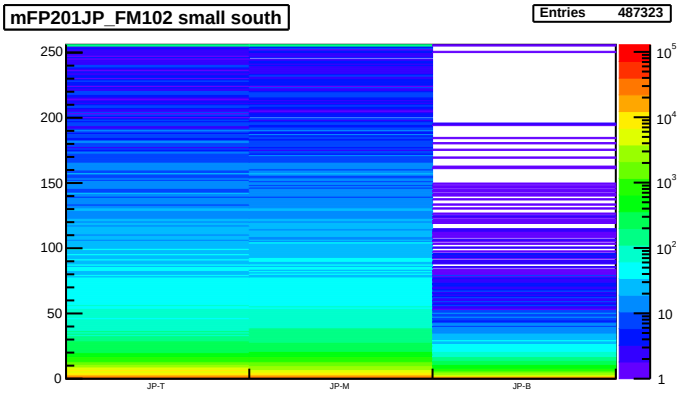

mFP201BSsim_FM103 large north
Entries 5297
641
4656
BS3
BS2
BS1-T
BS1-M
BS1-B

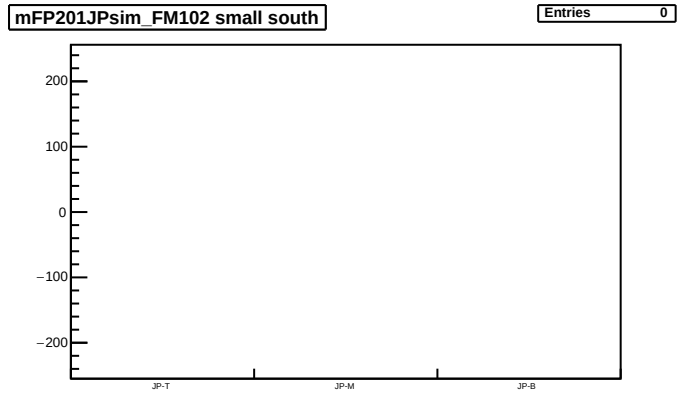

mFP201BS_FM104 large south
Entries 812205
56
261
2767
40
14
162385
162180
159674
162401
162427
BS3
BS2
BS1-T
BS1-M
BS1-B

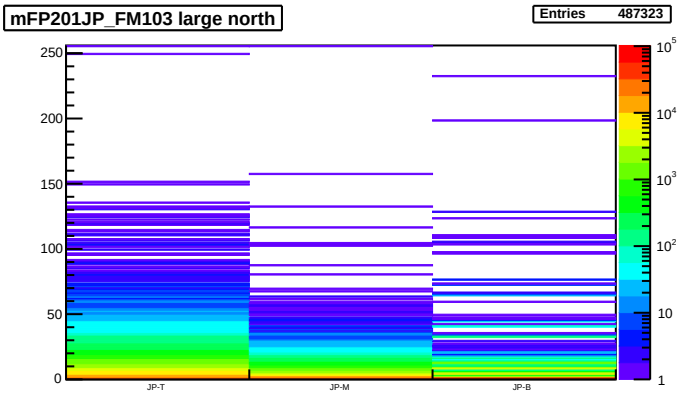

mFP201BSsim_FM104 large south
Entries 6414
8
219
546
2600
3041
BS3
BS2
BS1-T
BS1-M
BS1-B

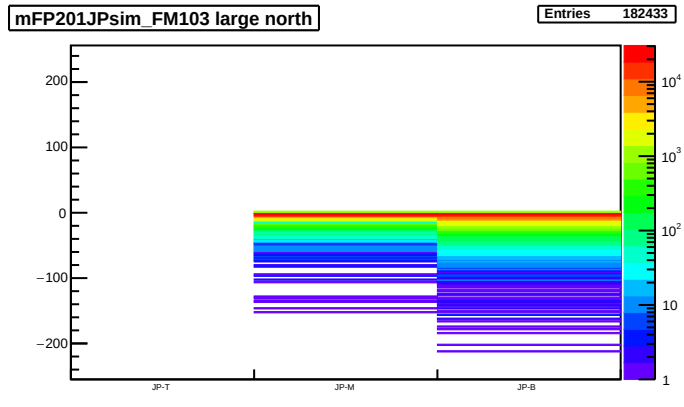

mFP201JP_FM101 small north
Entries 487323
JP-T
JP-M
JP-B

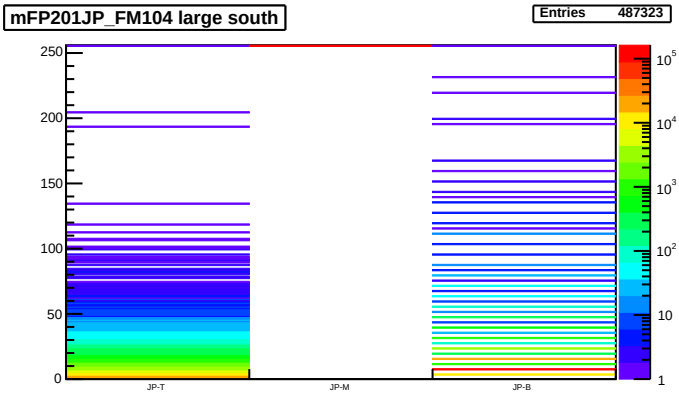

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

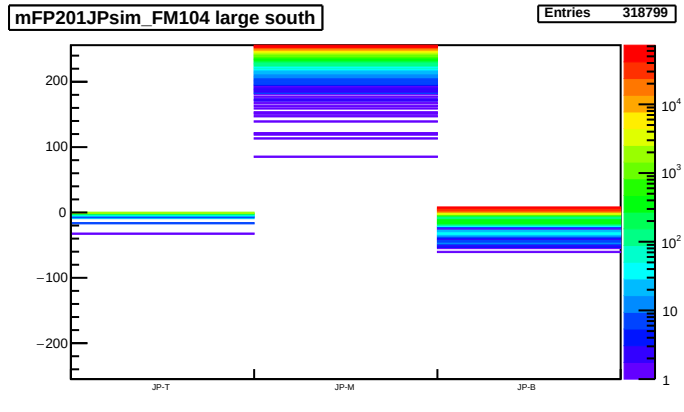

mFP201JP_FM102 small south
Entries 487323
JP-T
JP-M
JP-B

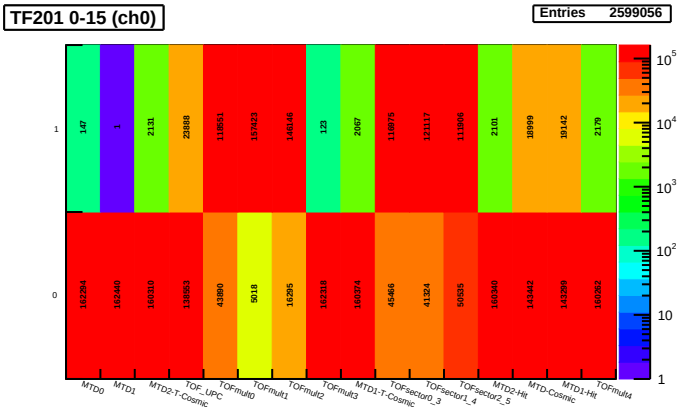

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

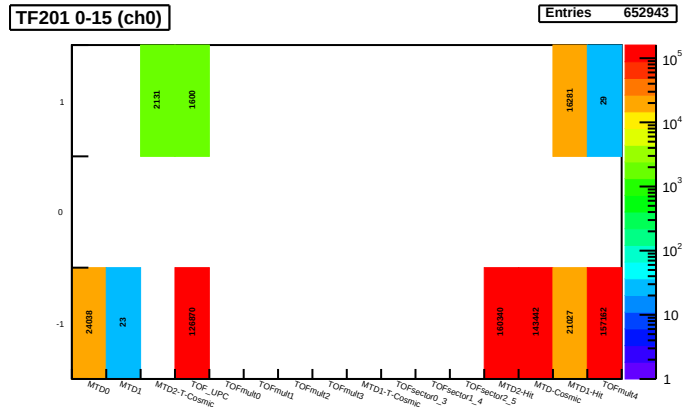

mFP201JP_FM103 large north
Entries 487323
JP-T
JP-M
JP-B

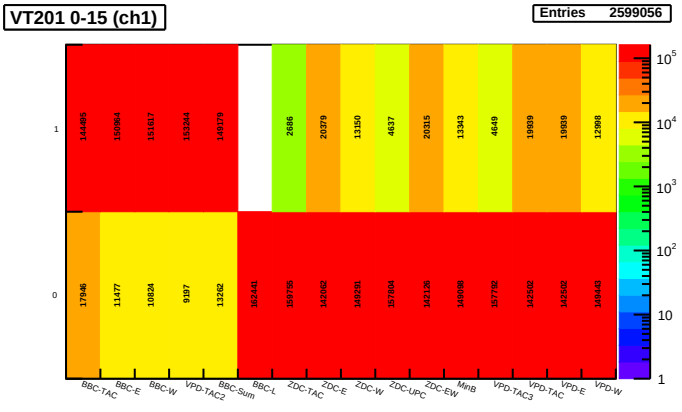

mFP201JPsim_FM103 large north
Entries 182433
JP-T
JP-M
JP-B

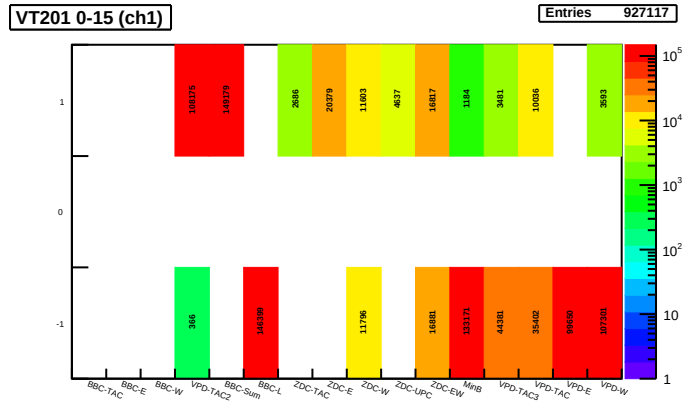

mFP201JP_FM104 large south
Entries 487323
JP-T
JP-M
JP-B

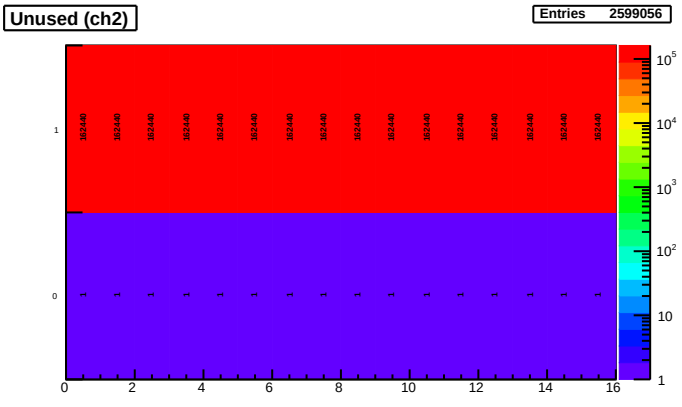

mFP201JPsim_FM104 large south
Entries 318799
JP-T
JP-M
JP-B

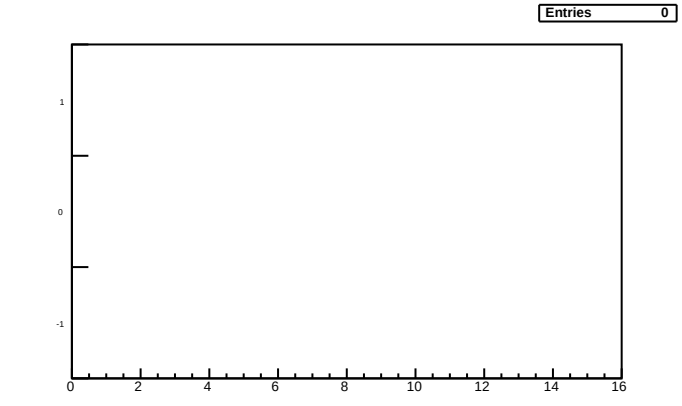

TF201 0-15 (ch0)
Entries 2599056
147 1 2131 23888 118551 157423 146146 123 2067 118975 121117 113906 2101 10999 10142 2179
162284 162440 160310 138563 43800 5018 16295 162318 160374 45466 41324 50535 160340 143442 143299 160262
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

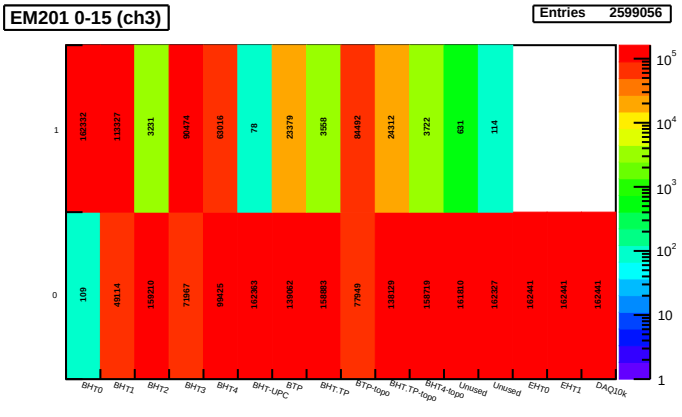

TF201 0-15 (ch0)
Entries 652943
2131 1600 16281 29
24038 23 128870 160340 143442 21927 157262
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

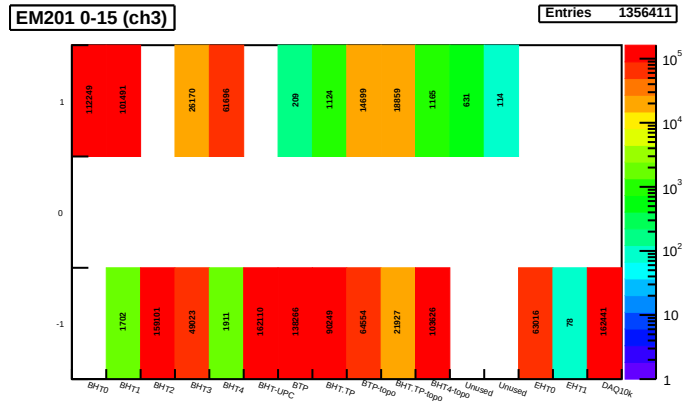

VT201 0-15 (ch1)
Entries 2599056
144495 150964 151617 153244 149379 2686 20379 13150 4637 20315 13343 4649 19939 19939 12398
17946 11477 10824 9197 13262 162441 159755 142052 149231 157804 142126 149098 157732 142502 142502 149443
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

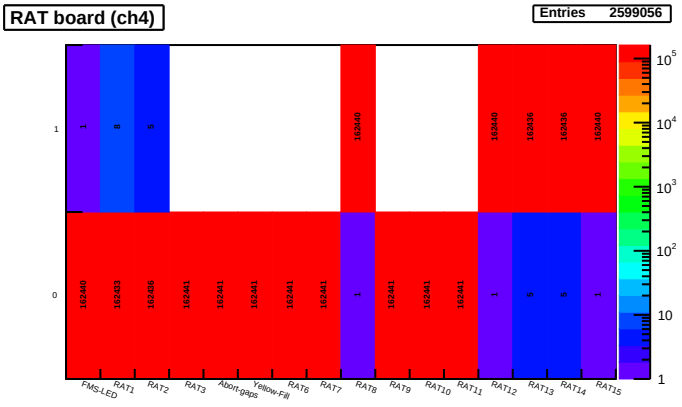

VT201 0-15 (ch1)
Entries 927117
108175 149379 2686 20379 11603 4637 16817 1184 3481 10036 3693
366 146389 11796 16881 133171 44381 354402 99650 107301
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

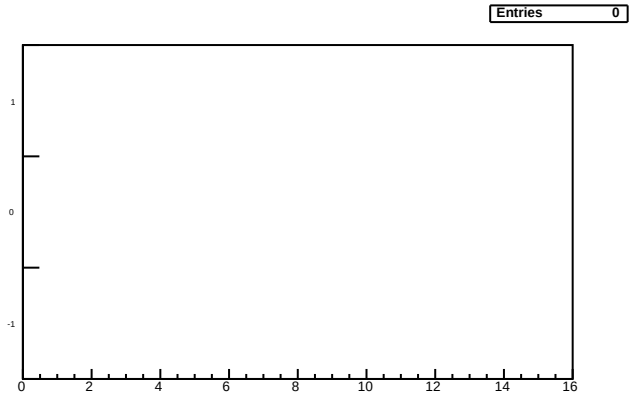

Unused (ch2)
Entries 2599056
162440 162440 162440 162440 162440 162440 162440 162440 162440 162440 162440 162440 162440 162440 162440 162440
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

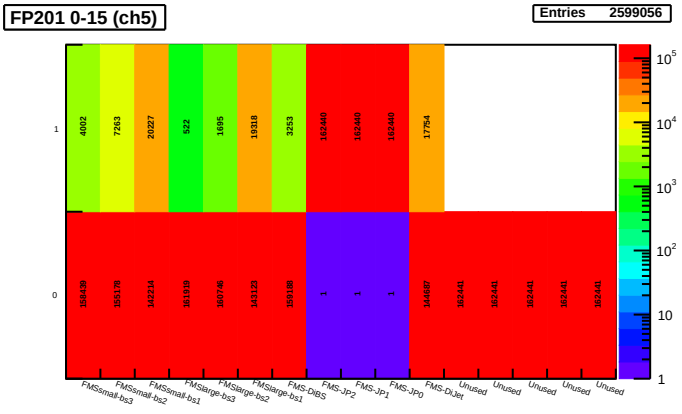

Entries 0


EM201 0-15 (ch3)
Entries 2599056
162332 113327 3231 90474 60016 78 23379 3958 94492 24312 3722 631 114
109 49114 159210 71967 99425 162383 139962 158883 77949 138129 158719 161810 162327 162441 162441 162441
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 1356411
122249 10401 26170 61696 209 1124 14699 18859 1165 631 114
1702 159101 49023 1911 162110 138256 90249 64554 21927 103626 63016 78 162441
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 2599056
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 2599056
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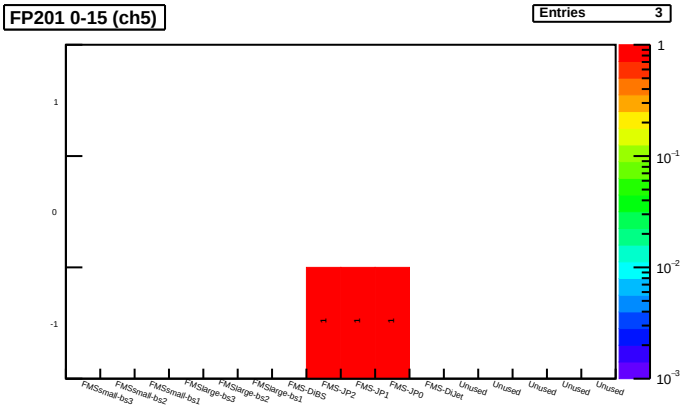
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


FP201 0-15 (ch5)
Entries 3
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
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FMS-JP1
FMS-JP0
FMS-Dijet
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Unused
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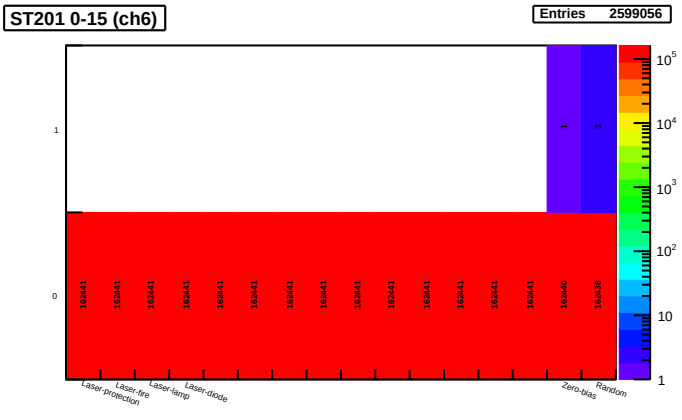
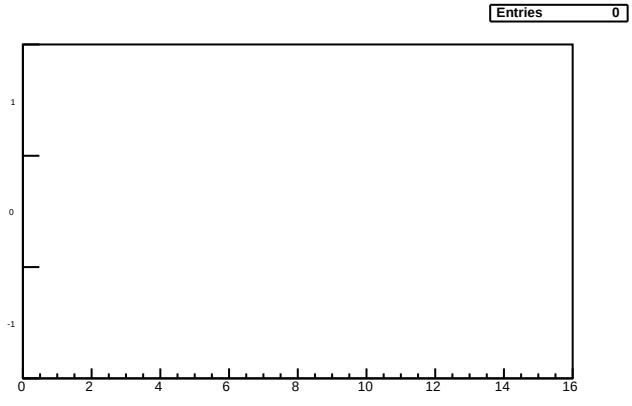
Unused
Unused


ST201 0-15 (ch6)
Entries 2599056
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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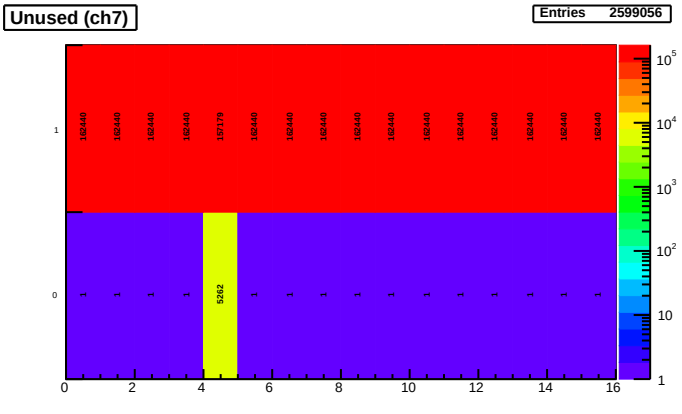
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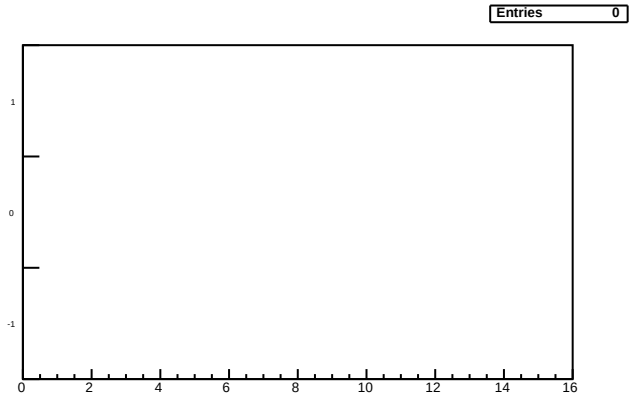
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