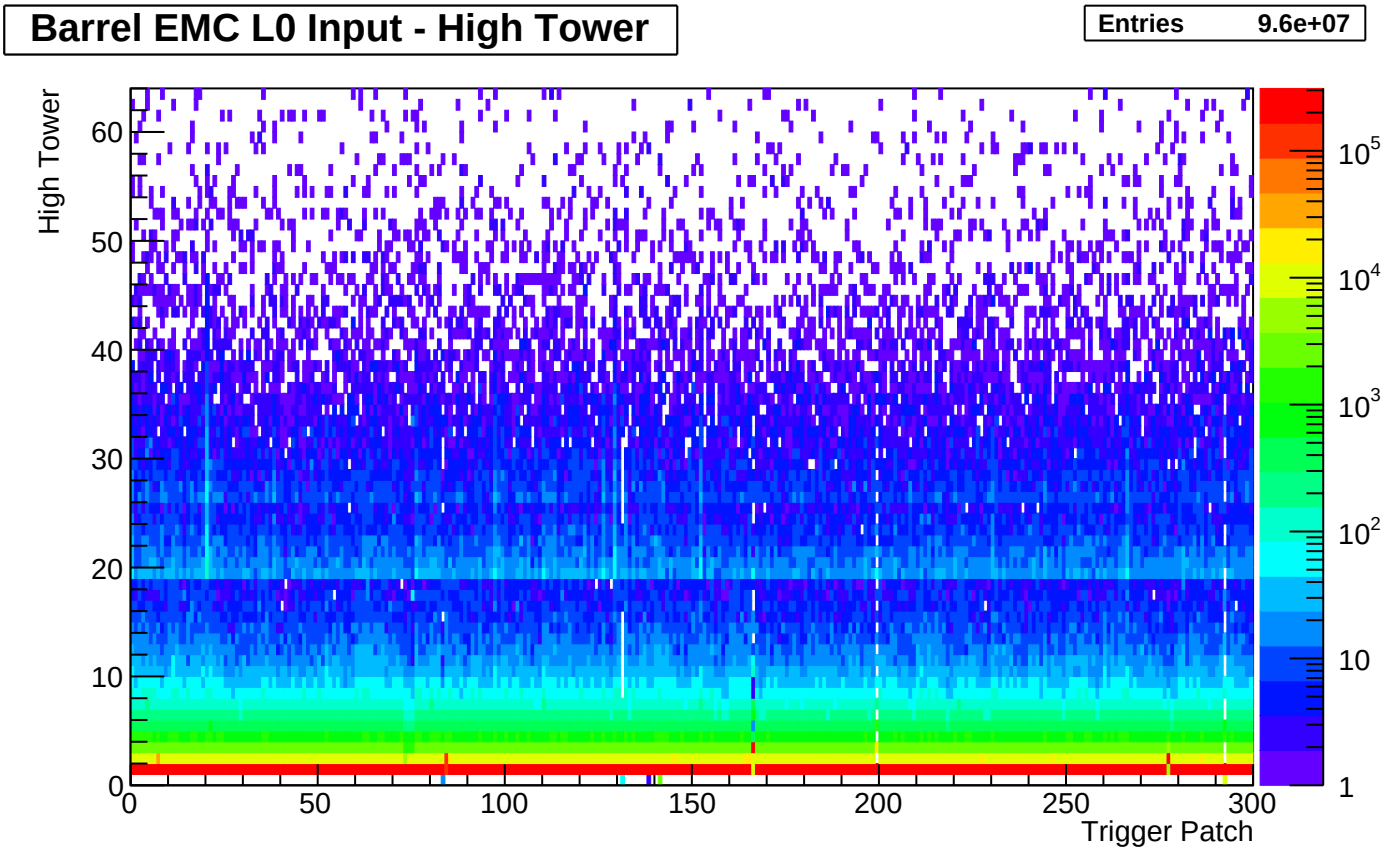
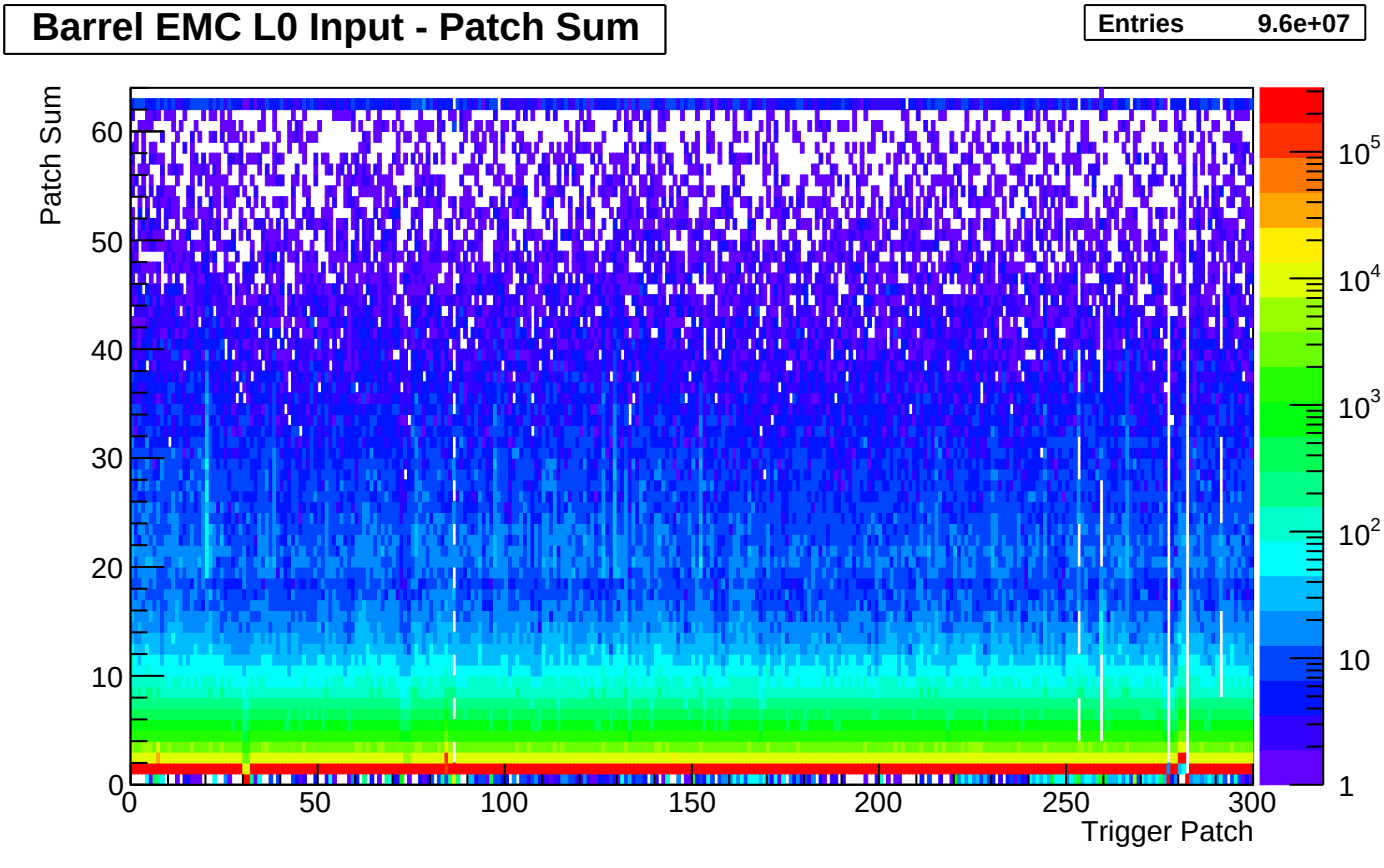
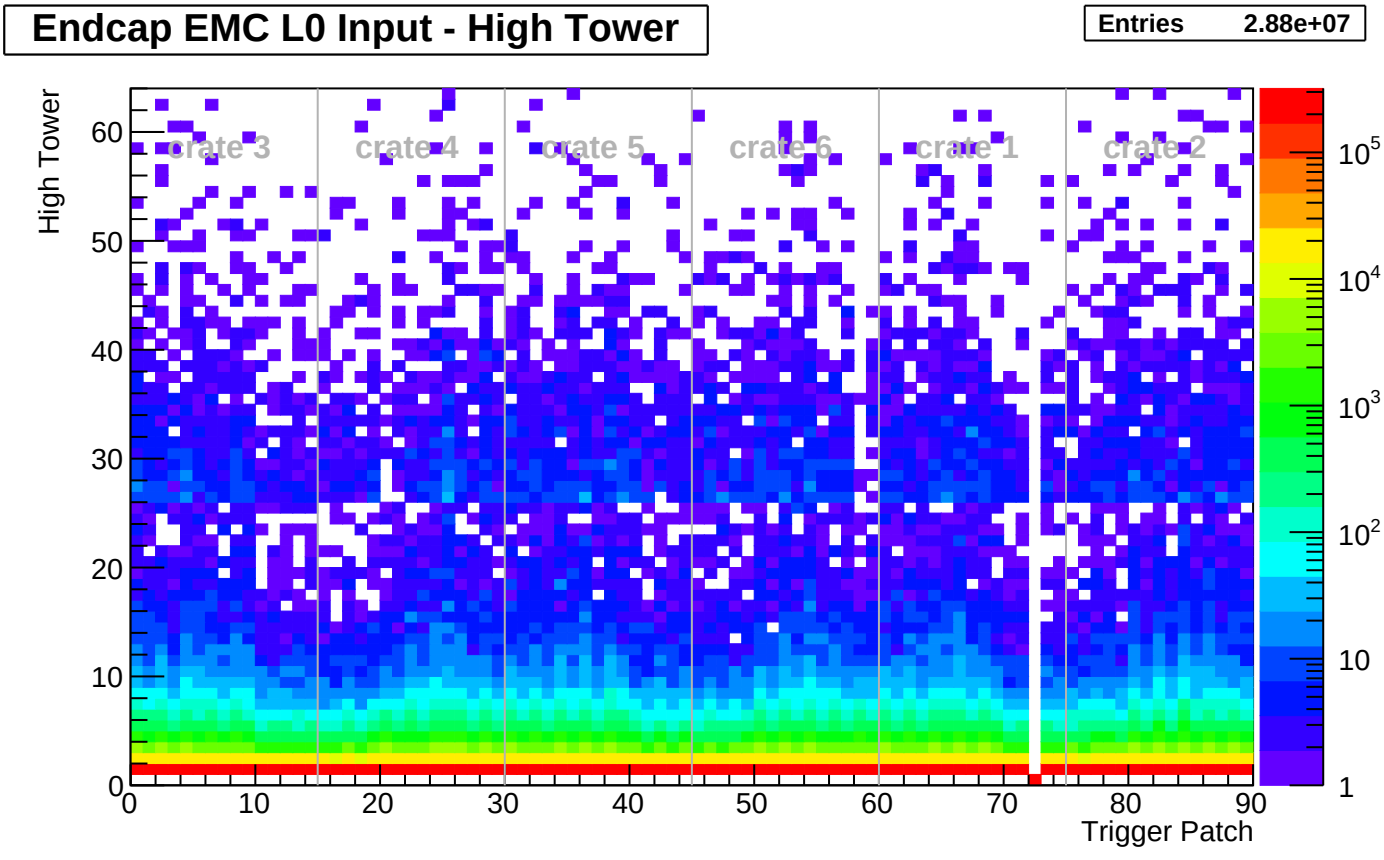
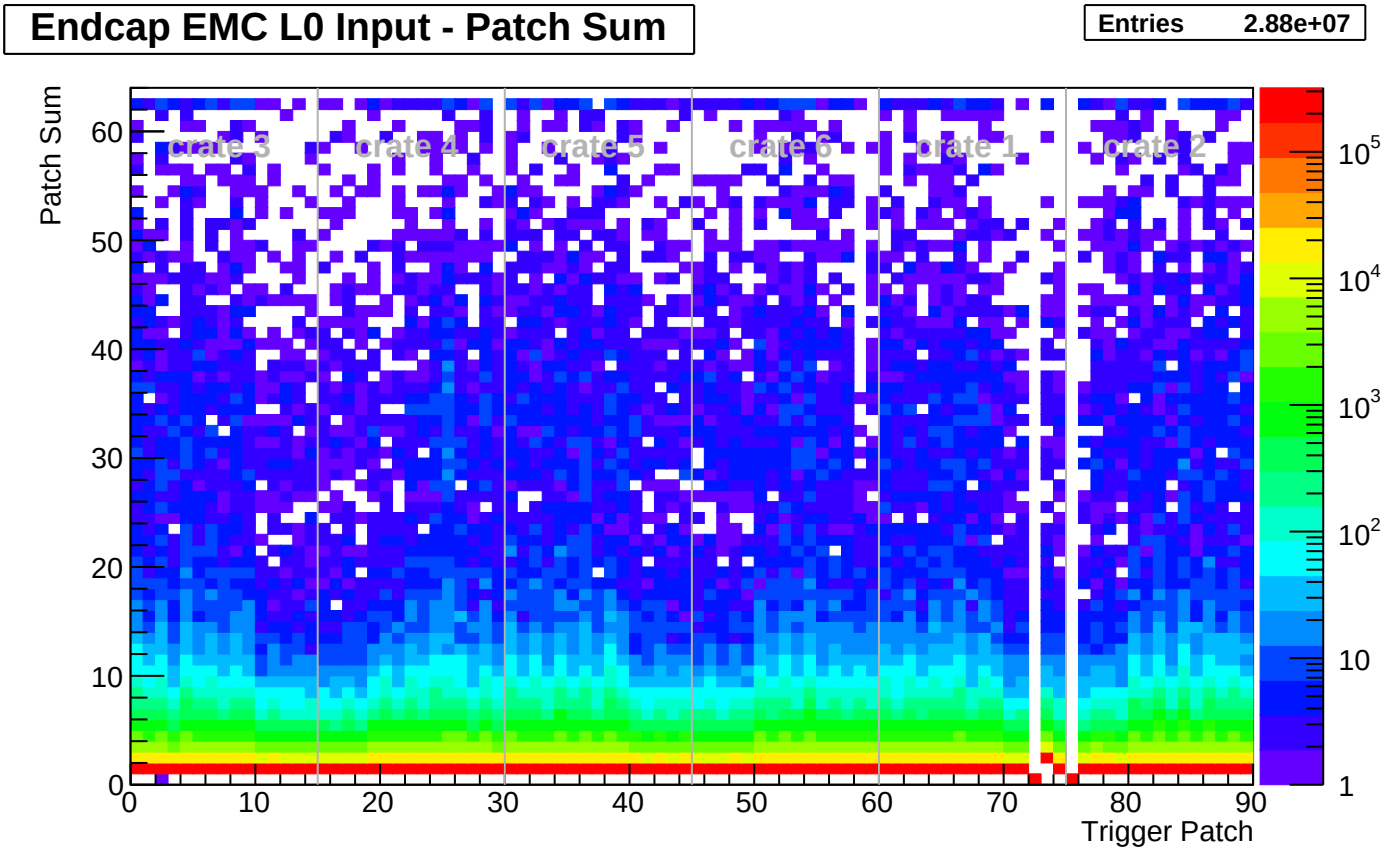
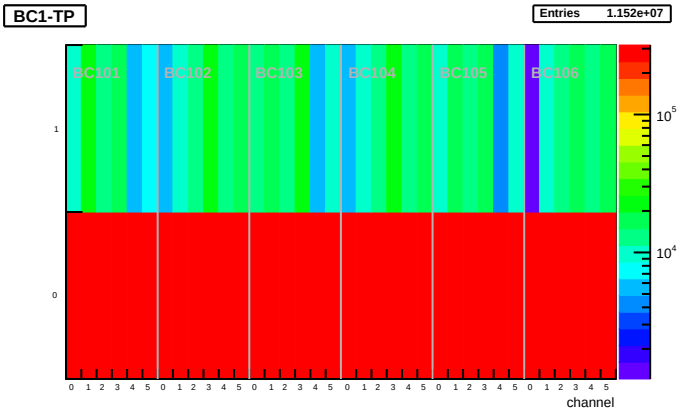
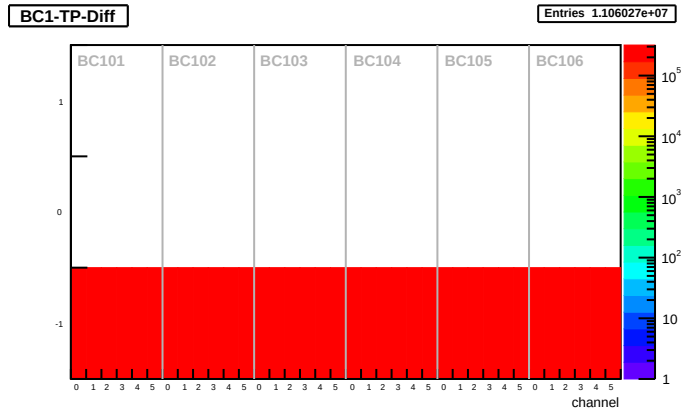

Barrel EMC L0 Input - High Tower
Entries 9.6e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

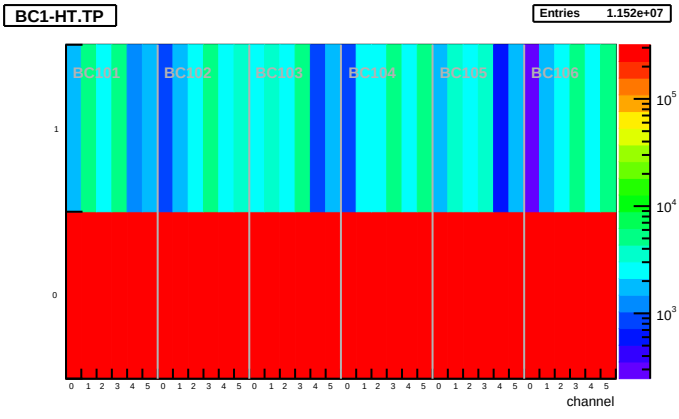

Barrel EMC L0 Input - Patch Sum
Entries 9.6e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

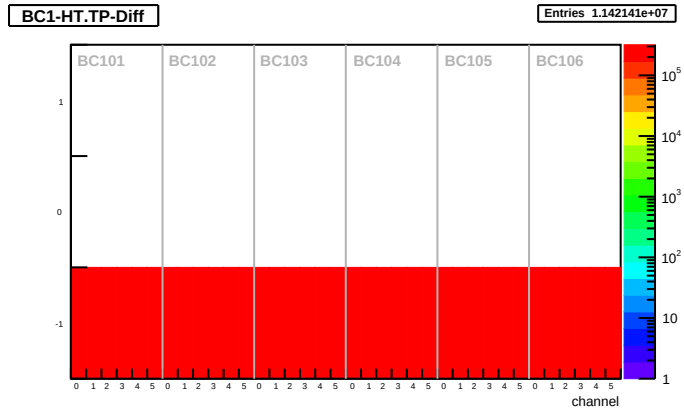

Endcap EMC L0 Input - High Tower
Entries 2.88e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

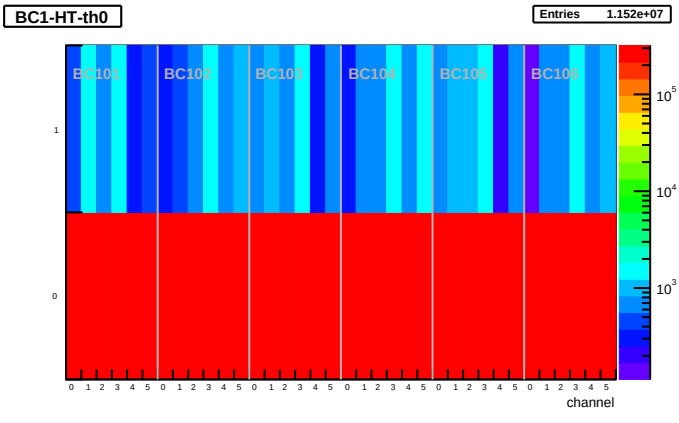

Endcap EMC L0 Input - Patch Sum
Entries 2.88e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

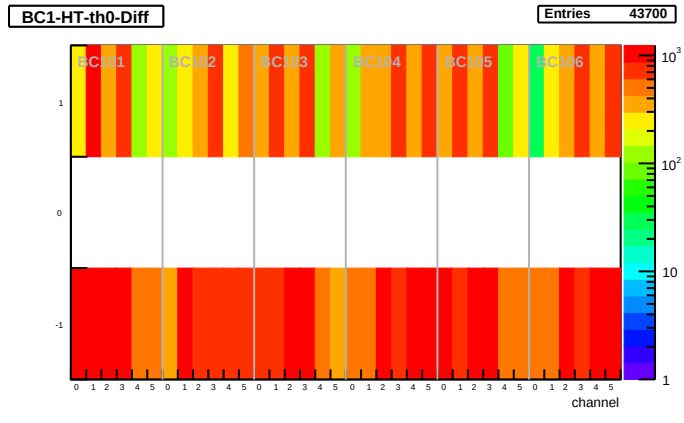

BC1-TP
Entries 1.152e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

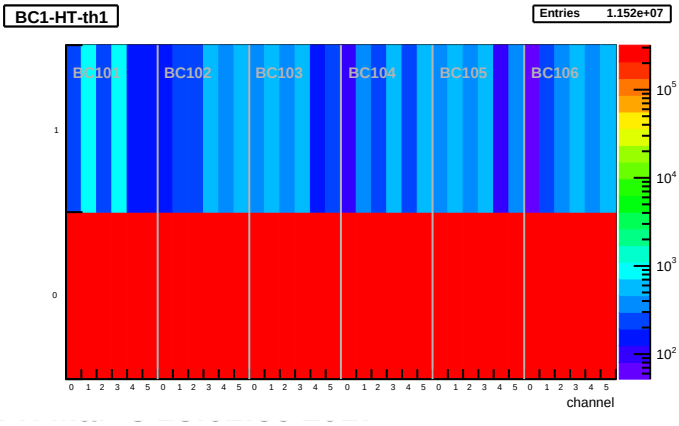

BC1-TP-Diff
Entries 1.106027e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

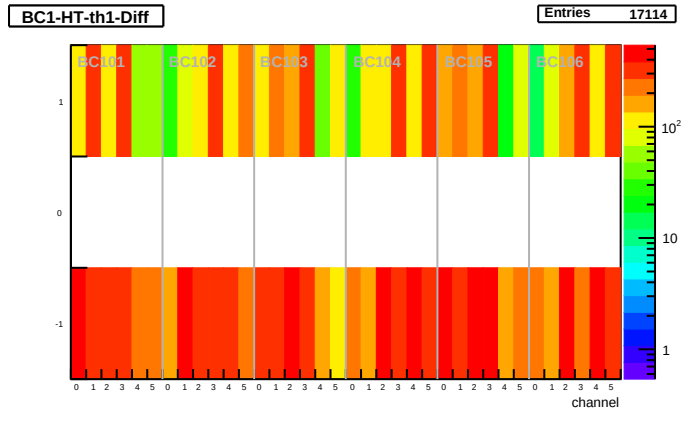

BC1-HT.TP
Entries 1.152e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

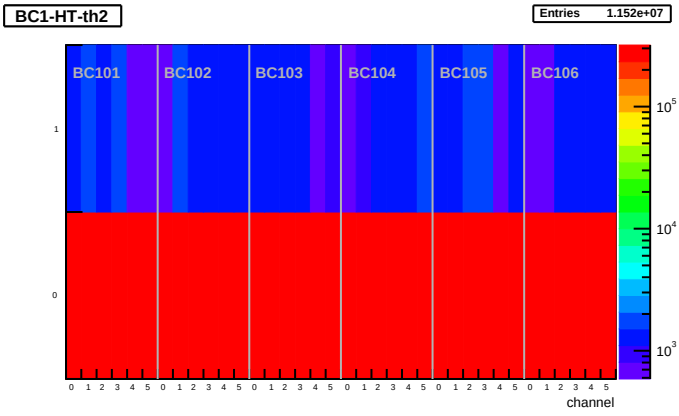

BC1-HT.TP-Diff
Entries 1.142141e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

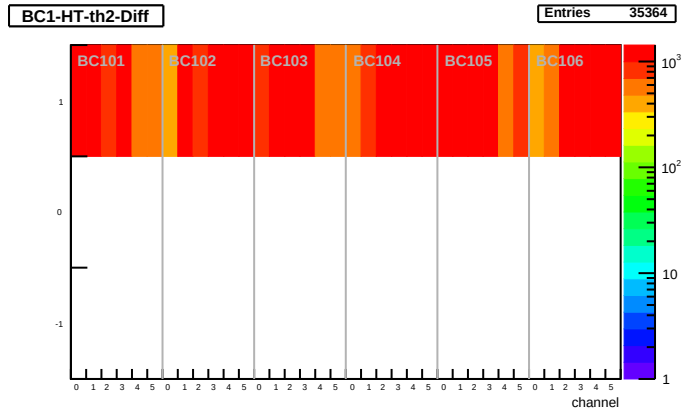

BC1-HT-th0
Entries 1.152e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

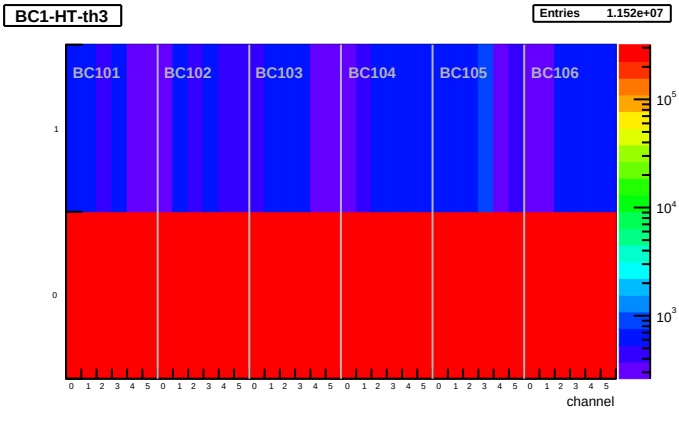

BC1-HT-th0-Diff
Entries 43700
BC101
BC102
BC103
BC104
BC105
BC106
channel

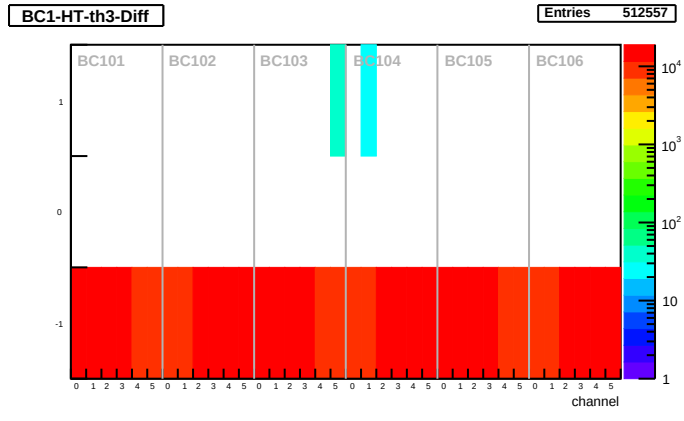

BC1-HT-th1
Entries 1.152e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

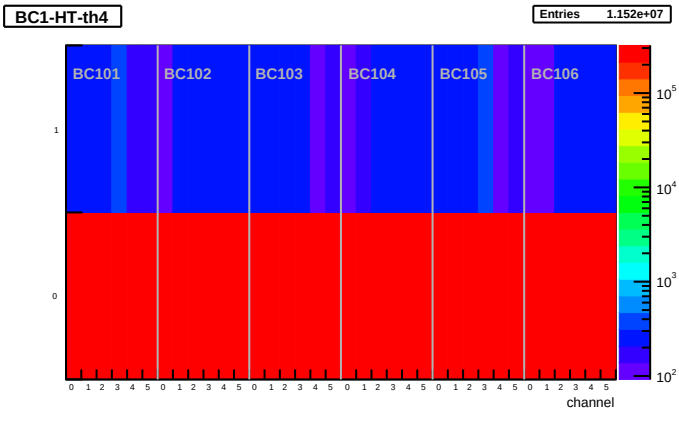

BC1-HT-th1-Diff
Entries 17114
BC101
BC102
BC103
BC104
BC105
BC106
channel

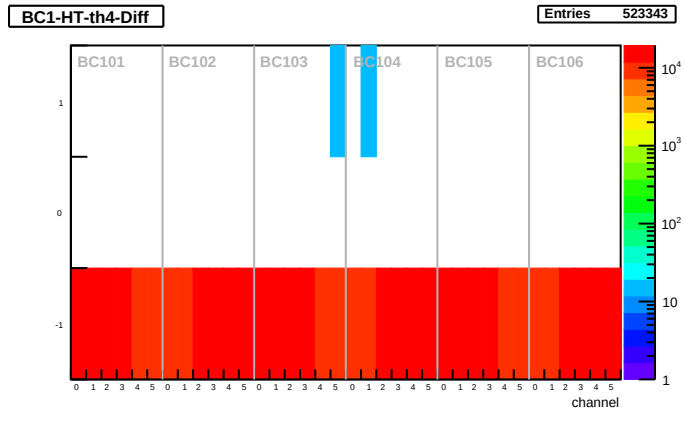

BC1-HT-th2
Entries 1.152e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

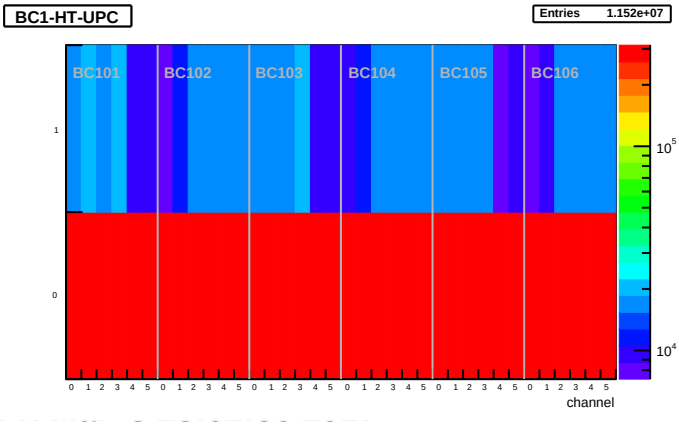

BC1-HT-th2-Diff
Entries 35364
BC101
BC102
BC103
BC104
BC105
BC106
channel

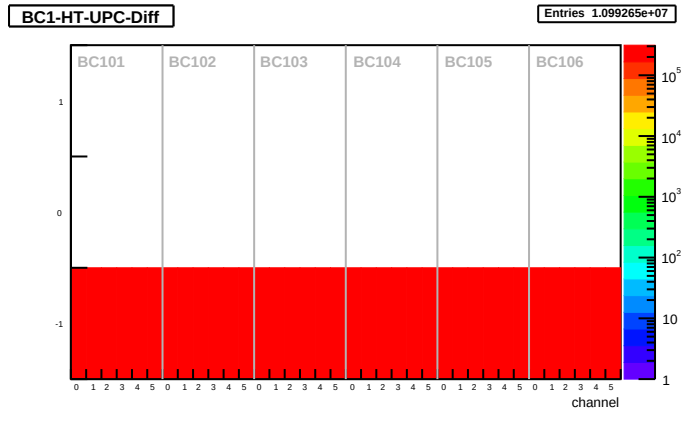

BC1-HT-th3
Entries 1.152e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

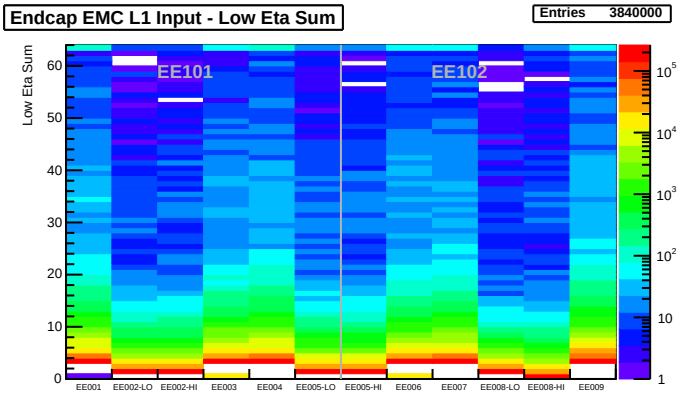

BC1-HT-th3-Diff
Entries 512557
BC101
BC102
BC103
BC104
BC105
BC106
channel

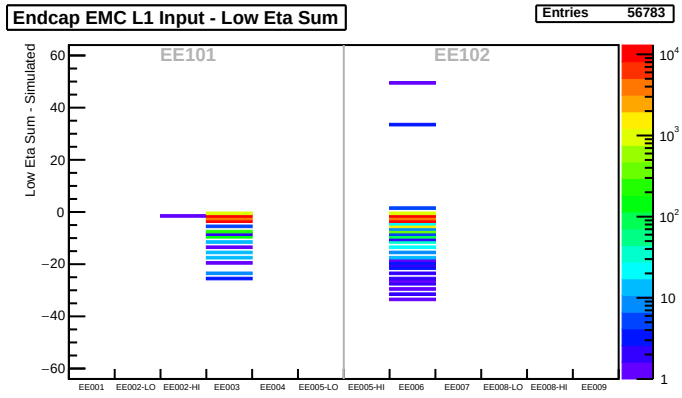

BC1-HT-th4
Entries 1.152e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

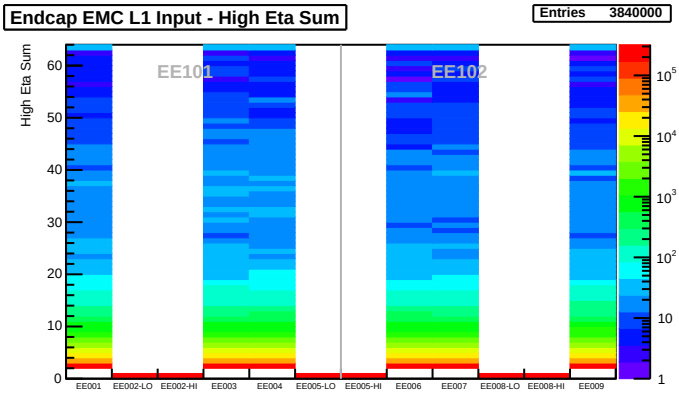

BC1-HT-th4-Diff
Entries 523343
BC101
BC102
BC103
BC104
BC105
BC106
channel

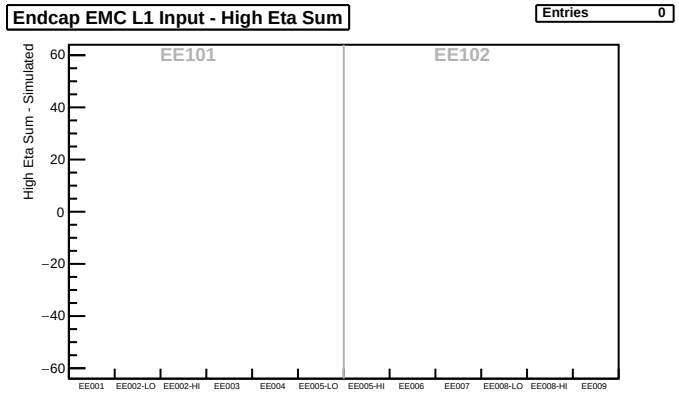

BC1-HT-UPC
Entries 1.152e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

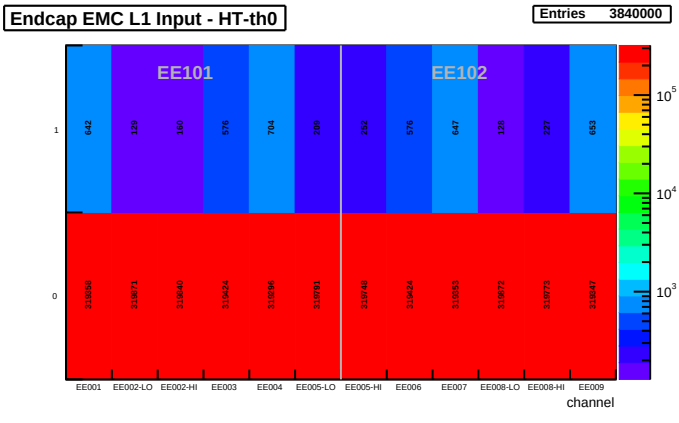

BC1-HT-UPC-Diff
Entries 1.099265e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

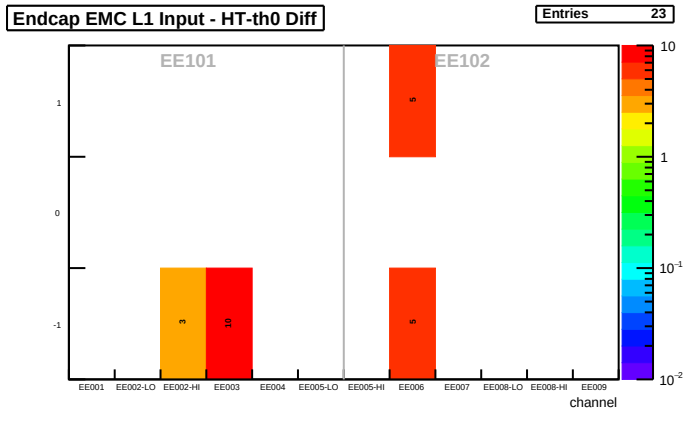

Endcap EMC L1 Input - Low Eta Sum
Entries 3840000
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

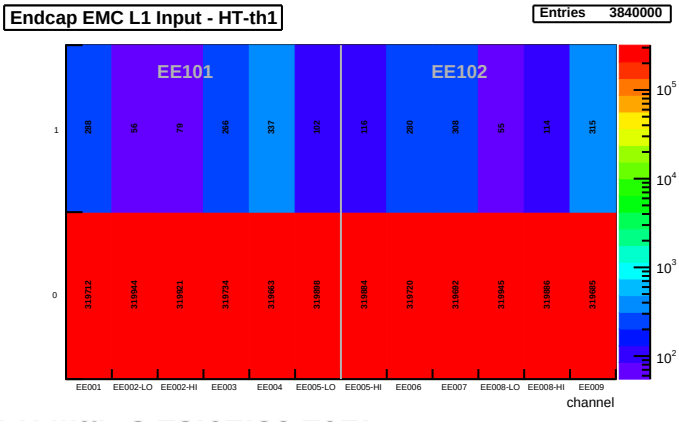

Endcap EMC L1 Input - Low Eta Sum
Entries 56783
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

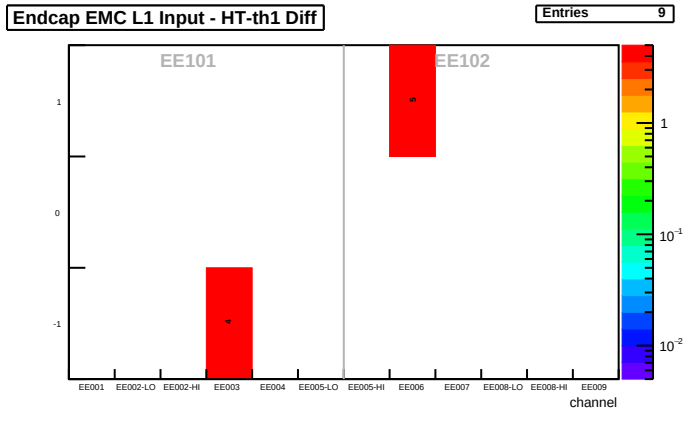

Endcap EMC L1 Input - High Eta Sum
Entries 3840000
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

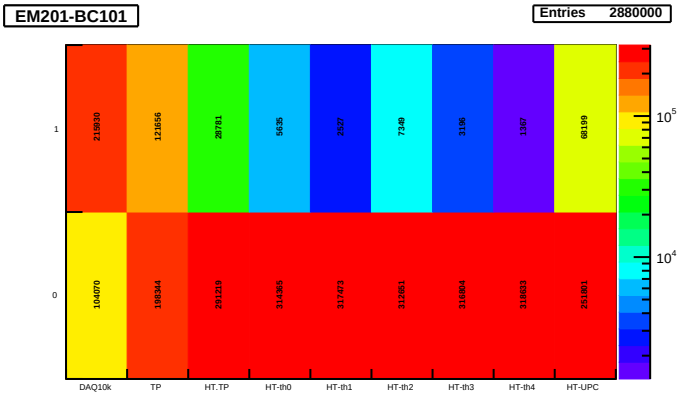

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

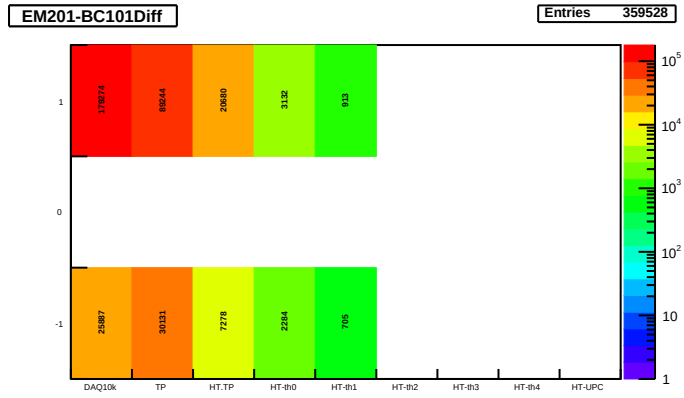

Endcap EMC L1 Input - HT-th0
Entries 3840000
EE101
EE102
channel

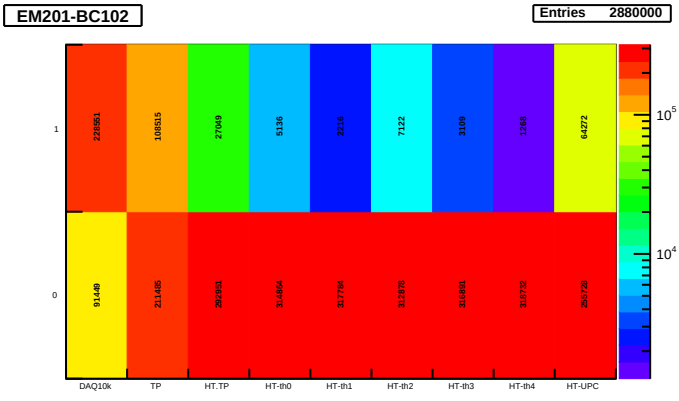

Endcap EMC L1 Input - HT-th0 Diff
Entries 23
EE101
EE102
channel

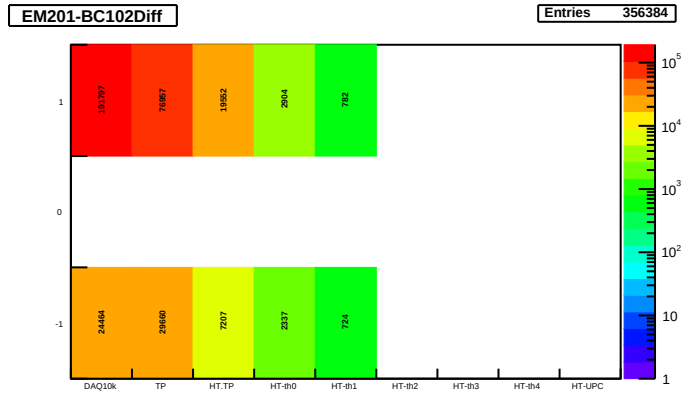

Endcap EMC L1 Input - HT-th1
Entries 3840000
EE101
EE102
channel

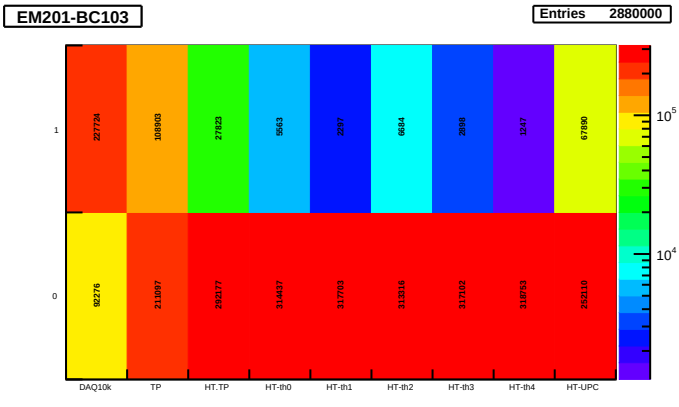

Endcap EMC L1 Input - HT-th1 Diff
Entries 9
EE101
EE102
channel

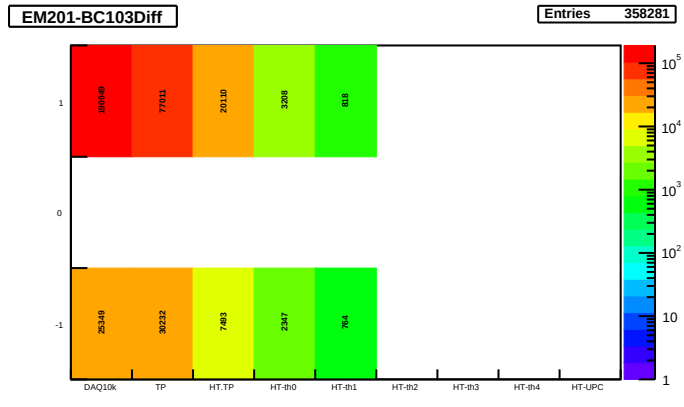

EM201-BC101
Entries 2880000
1
0
215930
123656
28781
5635
2527
7349
3196
1367
68199
104070
198344
291219
314365
317473
312651
316804
318633
251801
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4

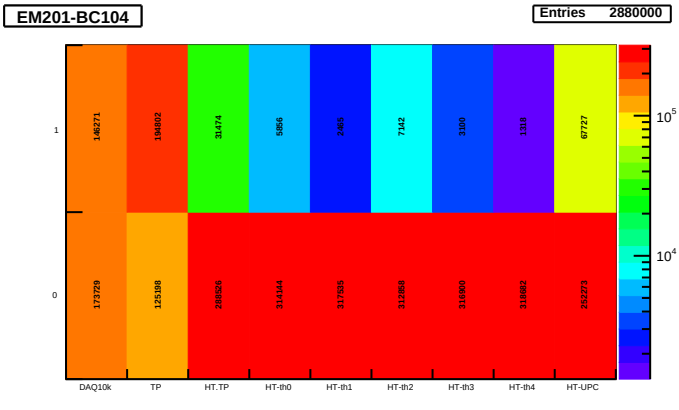

EM201-BC101Diff
Entries 359528
1
0
-1
176274
88244
20680
3132
913
25887
30131
7278
2284
705
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

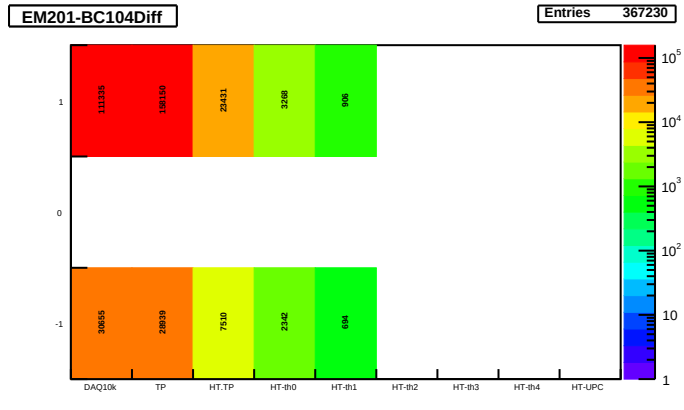

EM201-BC102
Entries 2880000
1
0
228851
108515
27049
5136
2216
7122
3109
1268
64272
91449
211485
292951
314864
317784
312878
316891
318732
255728
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC102Diff
Entries 356384
1
0
-1
191797
76957
19852
2904
782
24464
29660
7207
2337
724
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

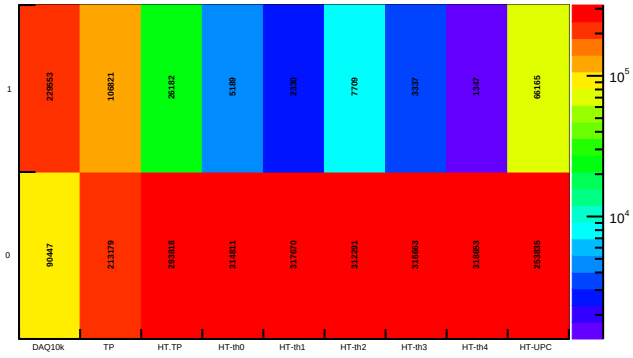

EM201-BC103
Entries 2880000
1
0
227724
108903
27923
5563
2297
6684
2898
1247
67890
92276
211097
292177
314437
317703
313316
317102
318753
252110
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC103Diff
Entries 358281
1
0
-1
190948
77011
20110
3208
818
25349
30232
7403
2347
764
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

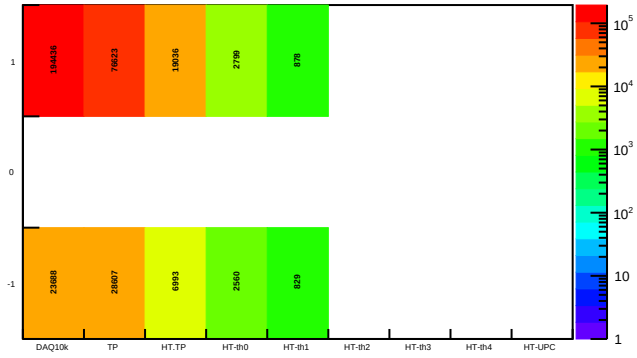

EM201-BC104
Entries 2880000
1
0
146271
194802
31474
5866
2465
7142
3100
1318
67727
173729
125198
288526
314144
317535
312858
316900
318682
252273
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC104Diff
Entries 367230
1
0
-1
111335
158150
22431
3268
906
30655
28839
7510
2342
694
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

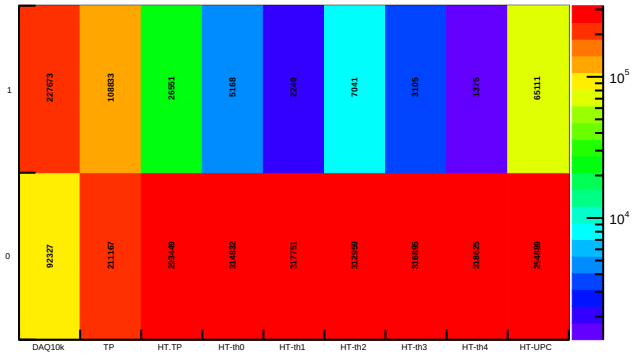
EM201-BC105 Entries 2880000



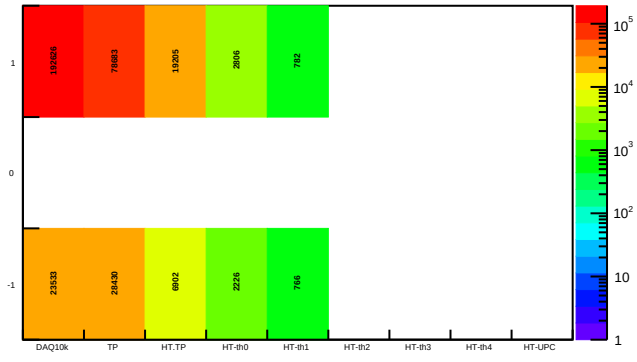
EM201-BC105Diff Entries 356449



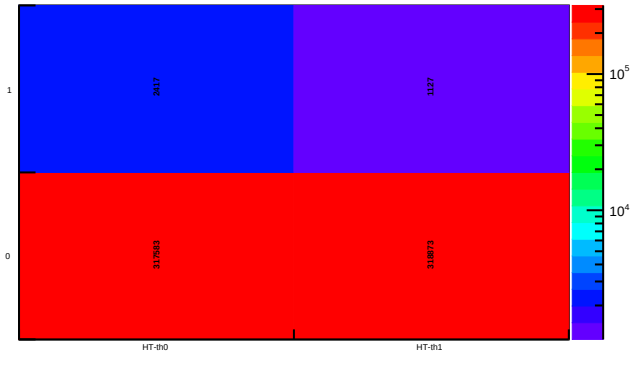
EM201-BC106 Entries 2880000



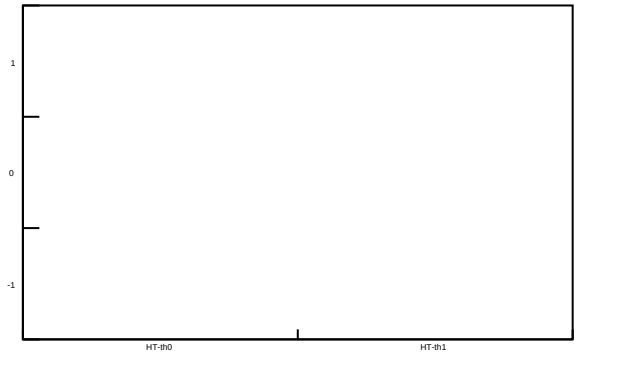
EM201-BC106Diff Entries 355959



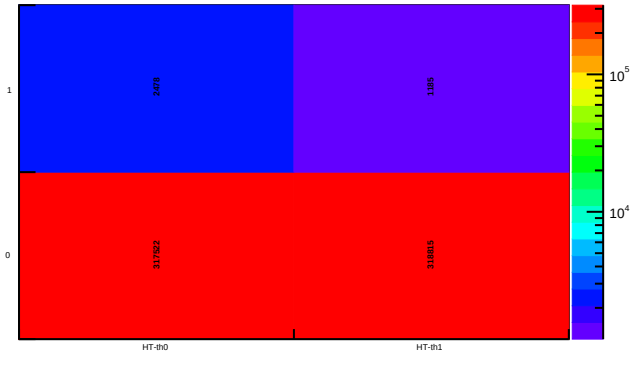
EM201-EE101 Entries 640000



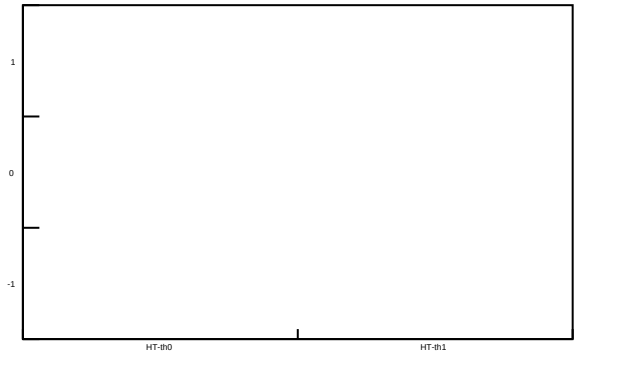
EM201-EE101Diff Entries 0

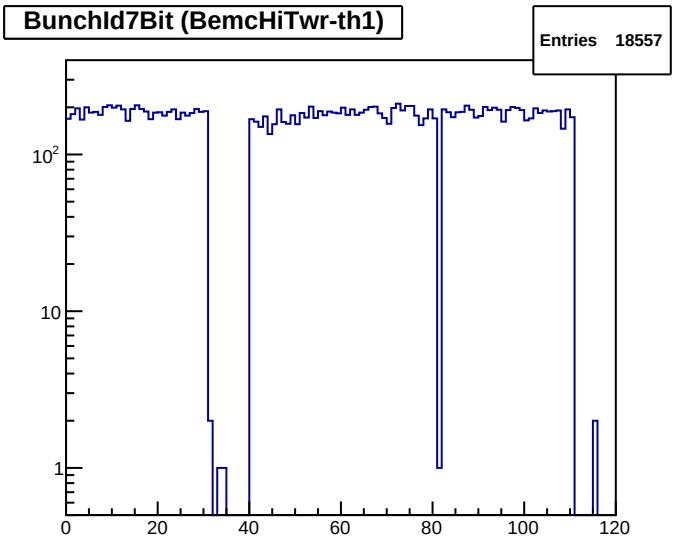


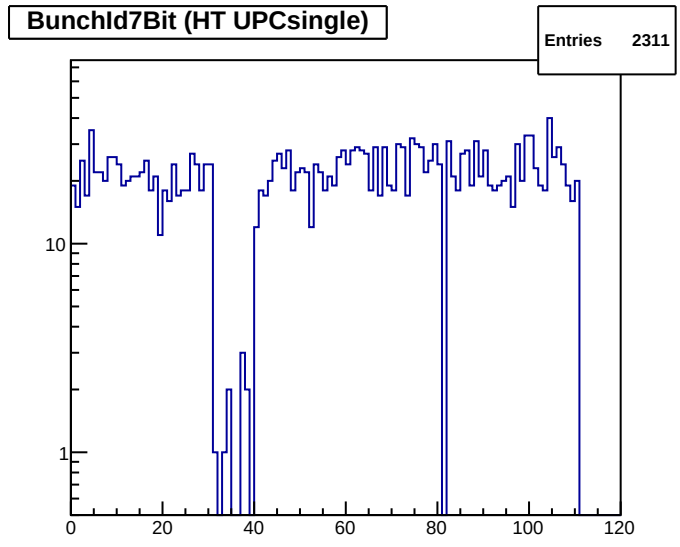
EM201-EE102 Entries 640000

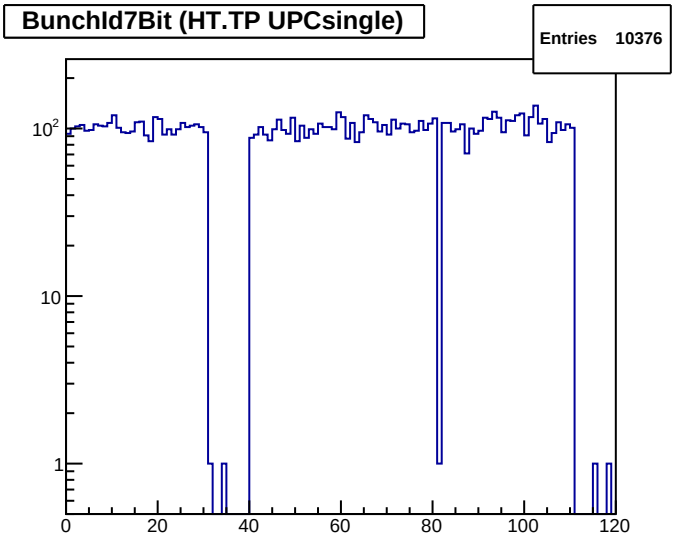


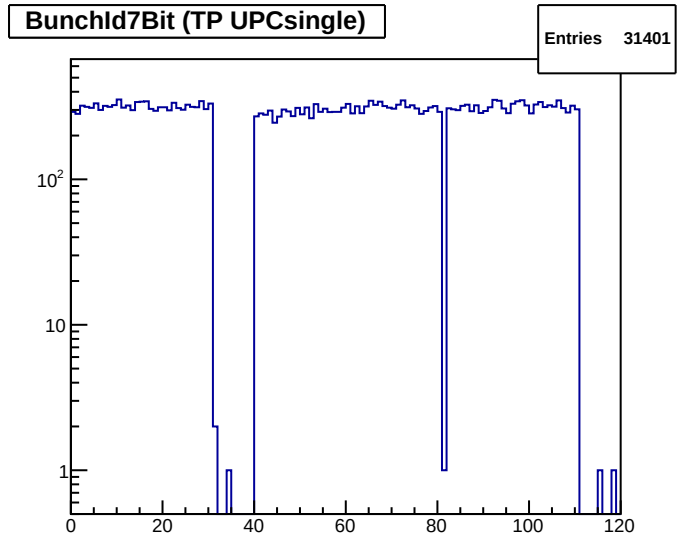
EM201-EE102Diff Entries 0

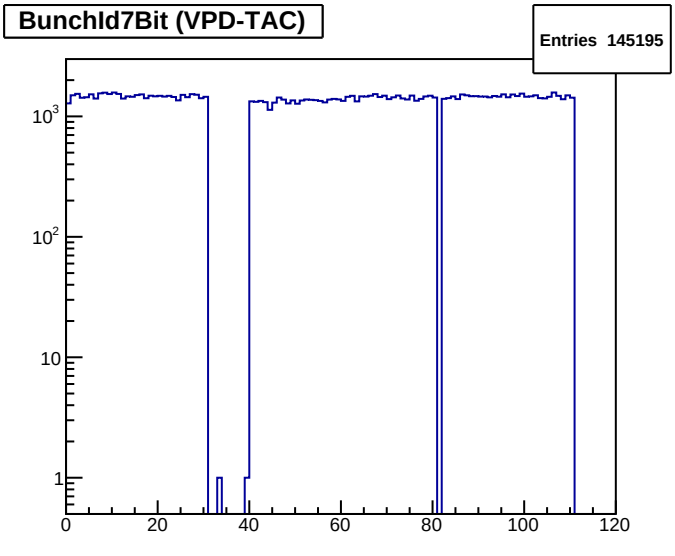


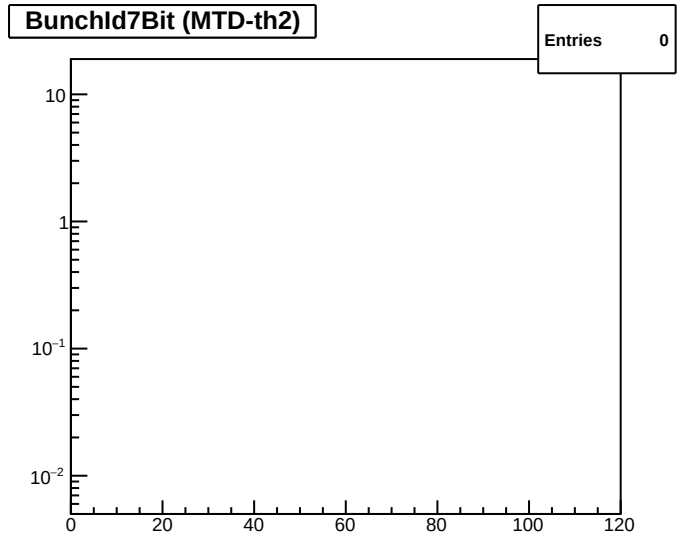

BunchId7Bit (BemcHiTwr-th1)
Entries 18557
10^2
10
1
0
20
40
60
80
100
120

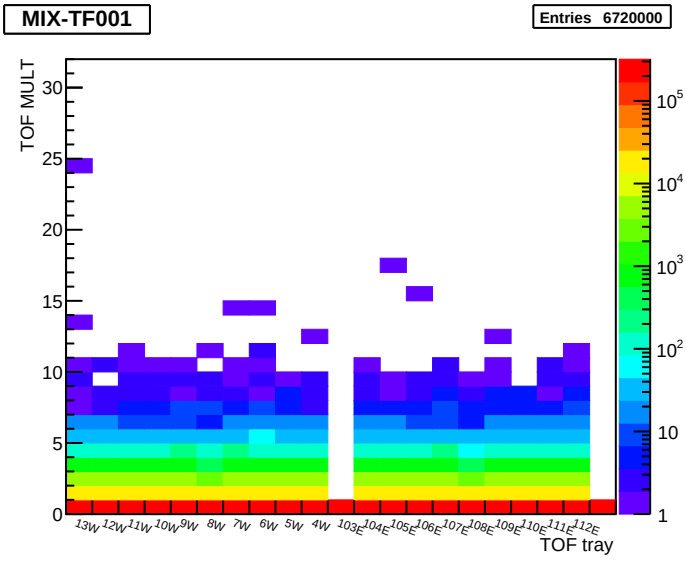

BunchId7Bit (HT UPCsingle)
Entries 2311
10
1
0
20
40
60
80
100
120

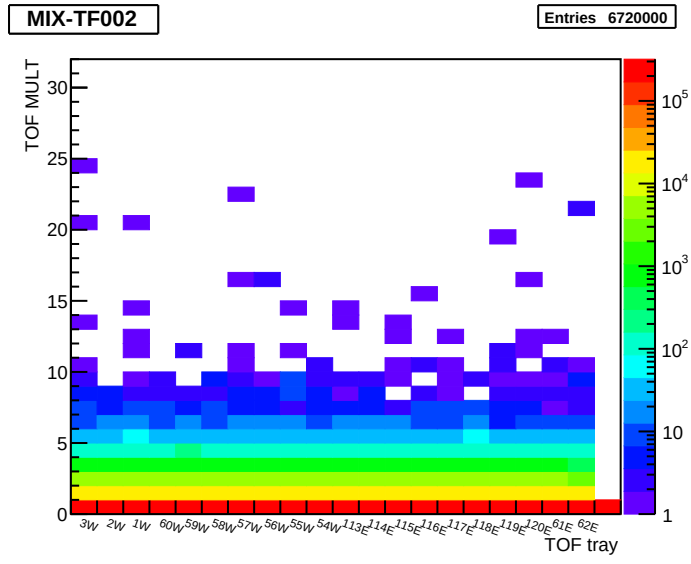

BunchId7Bit (HT.TP UPCsingle)
Entries 10376
10^2
10
1
0
20
40
60
80
100
120

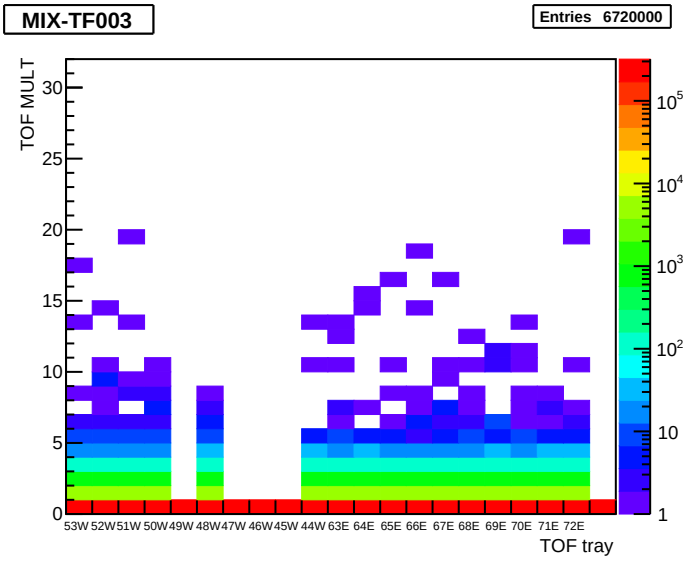

BunchId7Bit (TP UPCsingle)
Entries 31401
10^2
10
1
0
20
40
60
80
100
120

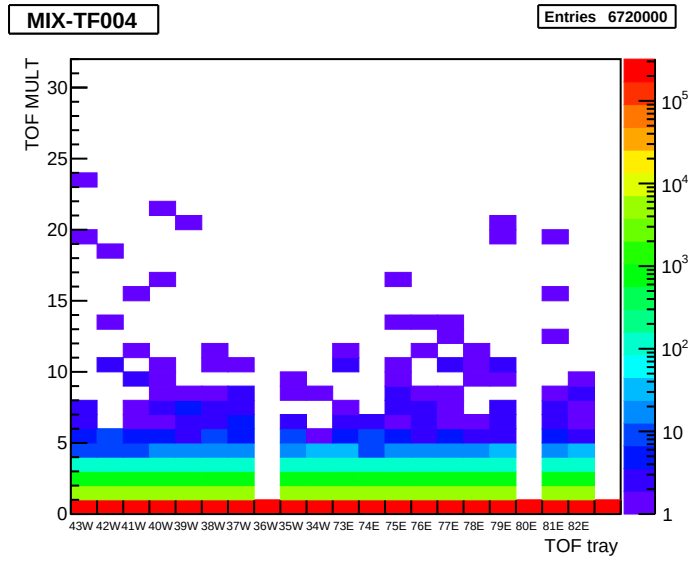

BunchId7Bit (VPD-TAC)
Entries 145195
10^3
10^2
10
1
0
20
40
60
80
100
120

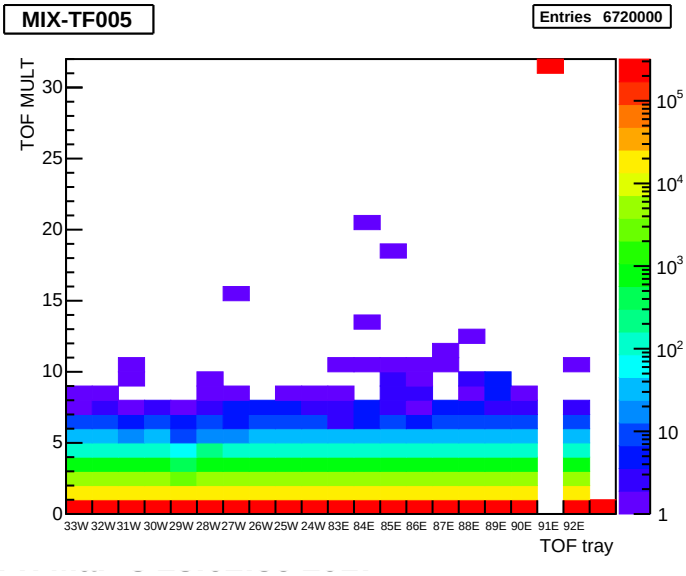

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0
20
40
60
80
100
120

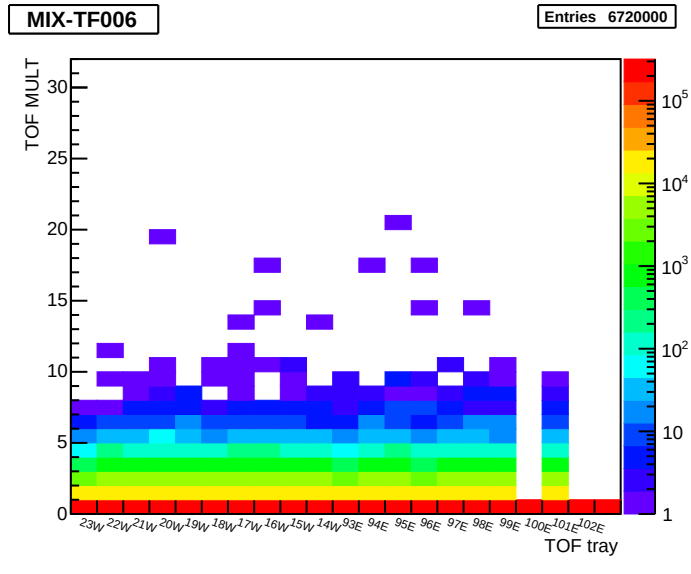

MIX-TF001
Entries 6720000
TOF MULT
TOF tray

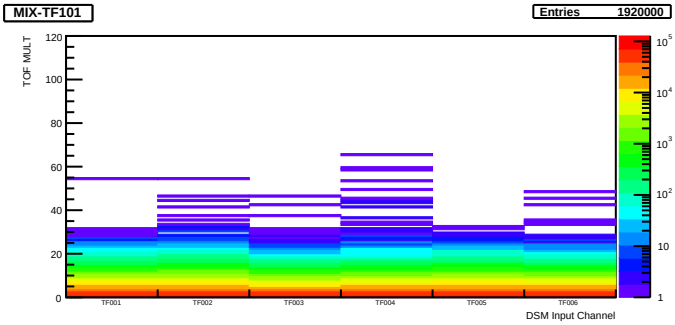

MIX-TF002
Entries 6720000
TOF MULT
TOF tray

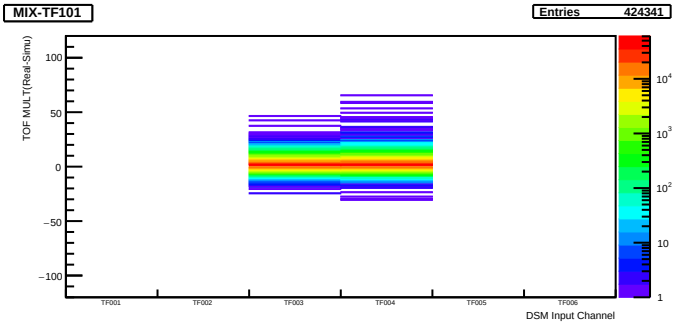

MIX-TF003
Entries 6720000
TOF MULT
TOF tray

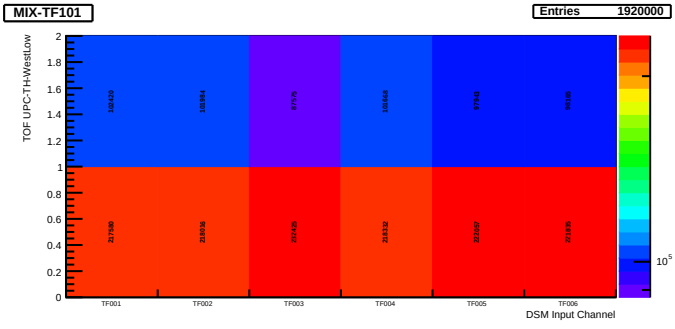

MIX-TF004
Entries 6720000
TOF MULT
TOF tray

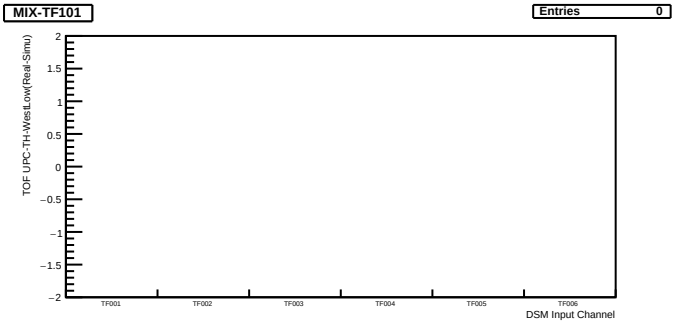

MIX-TF005
Entries 6720000
TOF MULT
TOF tray

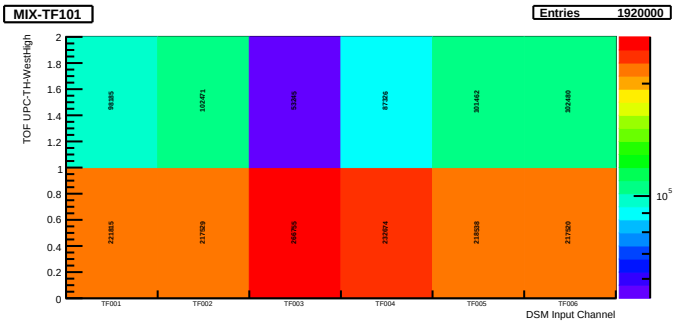

MIX-TF006
Entries 6720000
TOF MULT
TOF tray

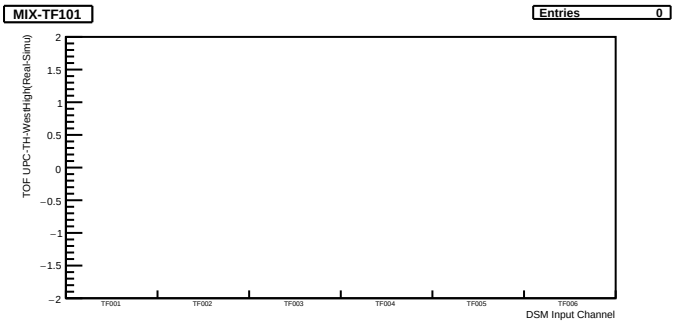

MIX-TF101
Entries 1920000
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

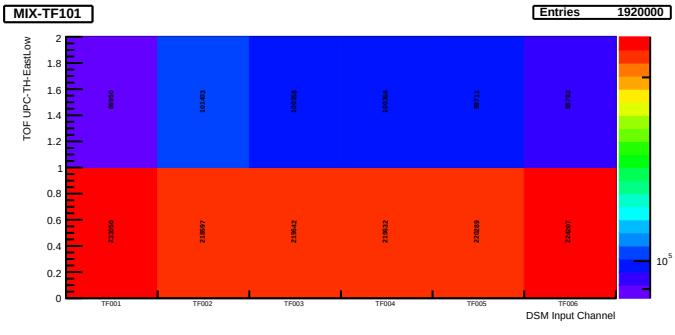

MIX-TF101
Entries 424341
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

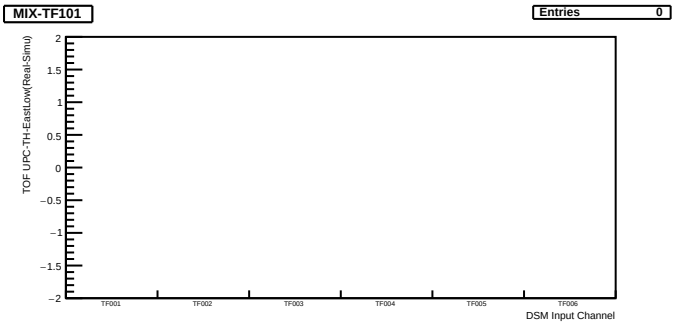

MIX-TF101
Entries 1920000
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

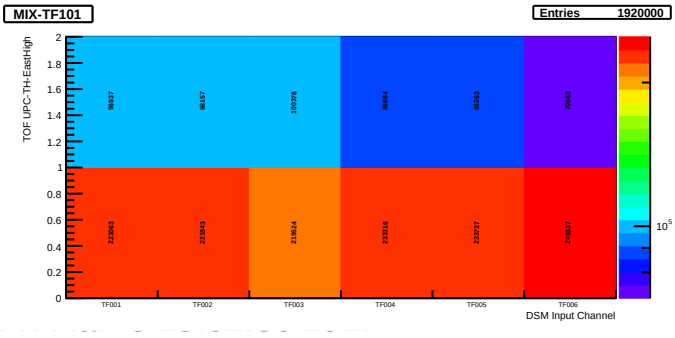

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

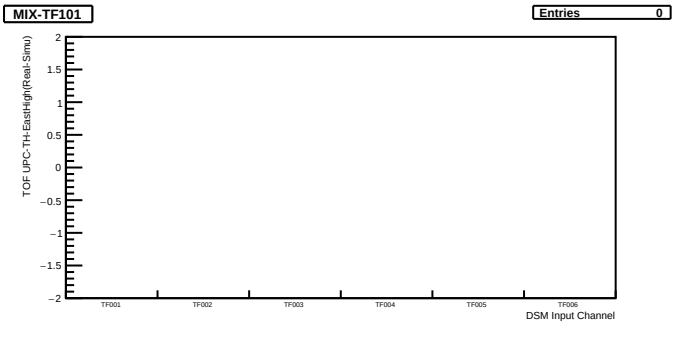

MIX-TF101
Entries 1920000
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

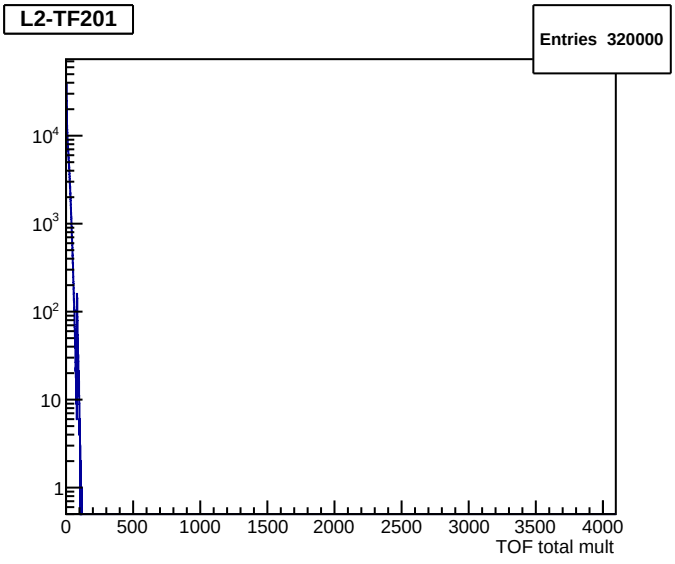

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

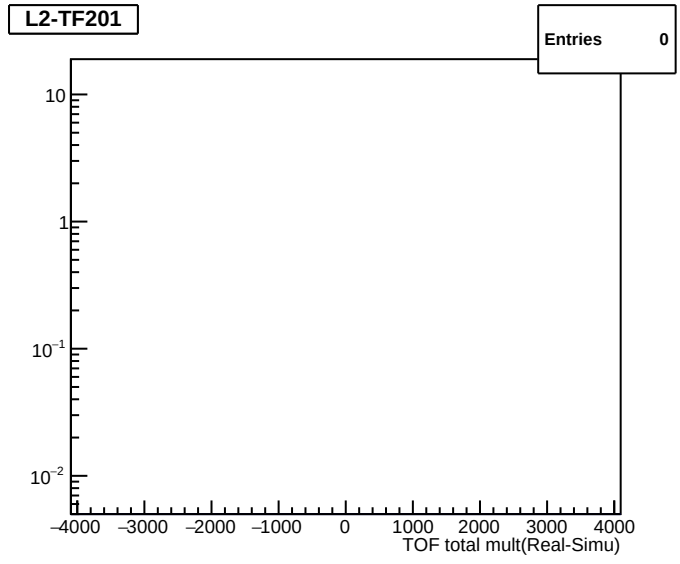

MIX-TF101
Entries 1920000
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

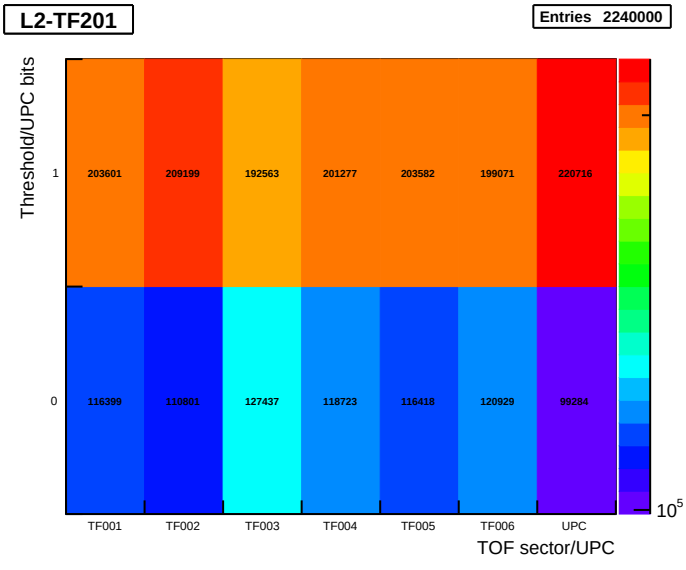

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

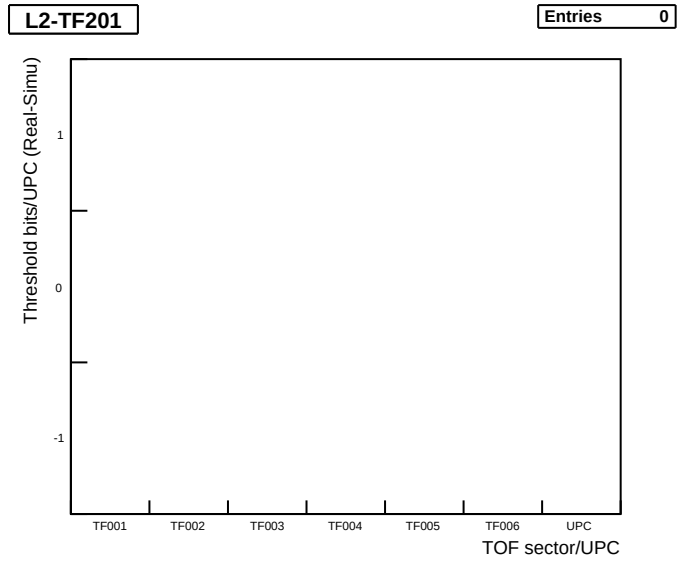

MIX-TF101
Entries 1920000
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

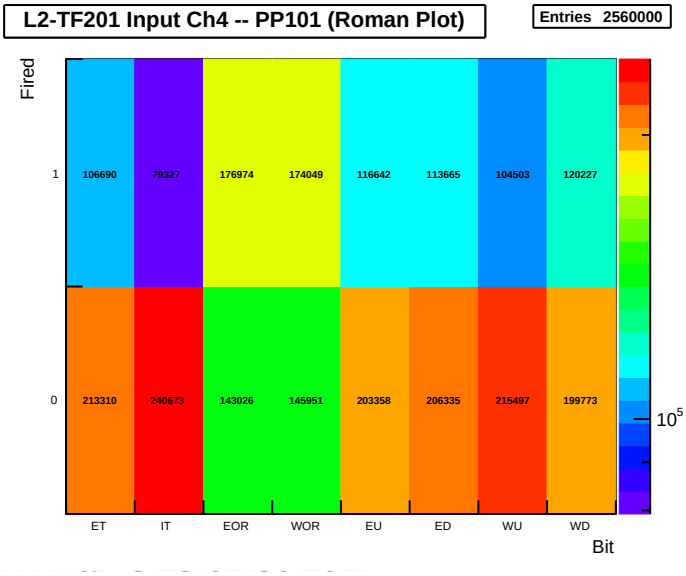

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

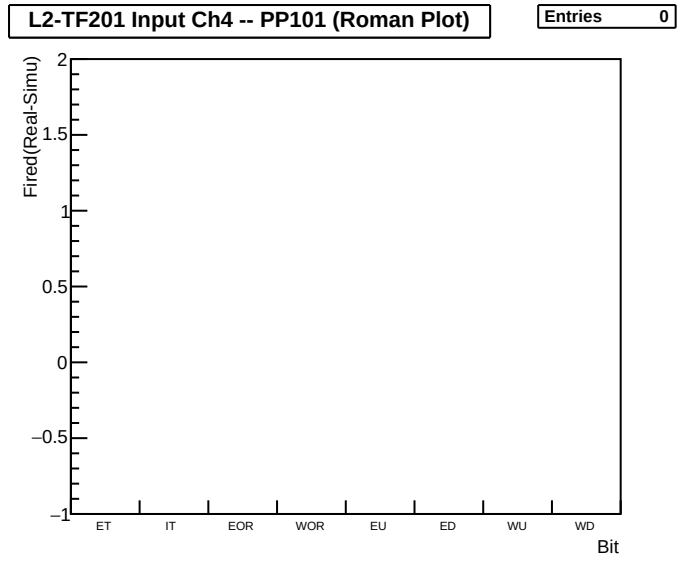

L2-TF201
Entries 320000
TOF total mult

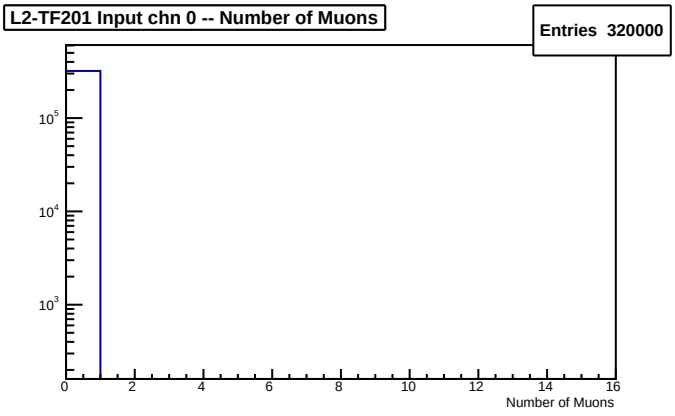

L2-TF201
Entries 0
TOF total mult(Real-Simu)

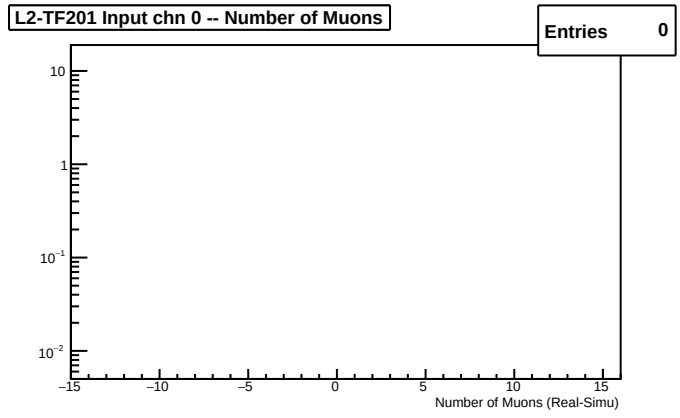

L2-TF201
Entries 2240000
Threshold/UPC bits
203601
209199
192563
201277
203582
199071
220716
116399
110801
127437
118723
116418
120929
99284
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

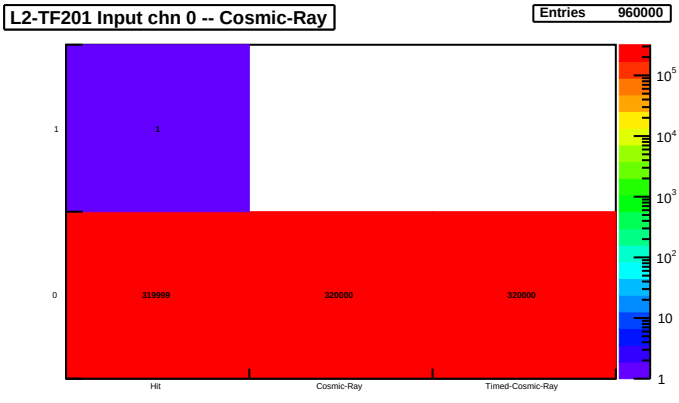

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

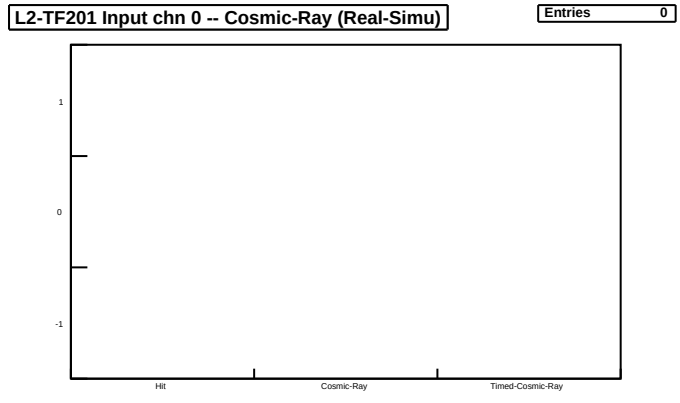

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2560000
Fired
106690
79327
176974
174049
116642
113665
104503
120227
213310
240673
143026
145951
203358
206335
215497
199773
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

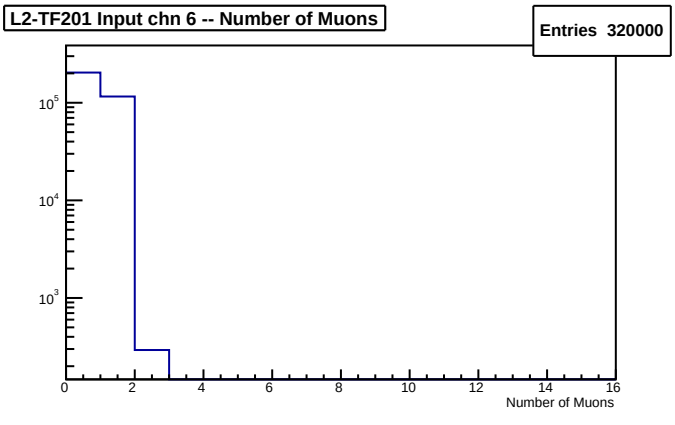

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

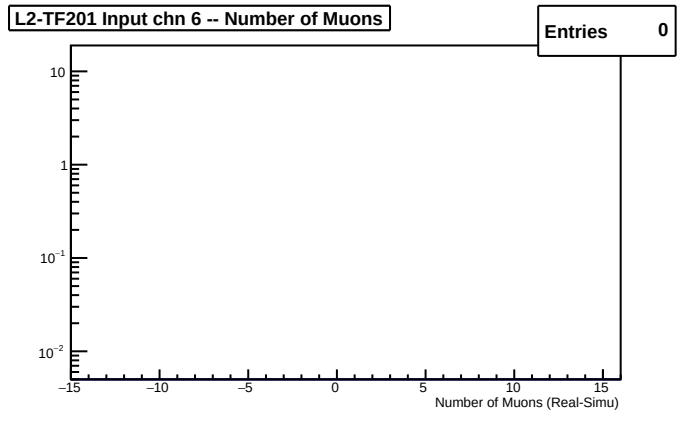

L2-TF201 Input chn 0 -- Number of Muons
Entries 320000
Number of Muons

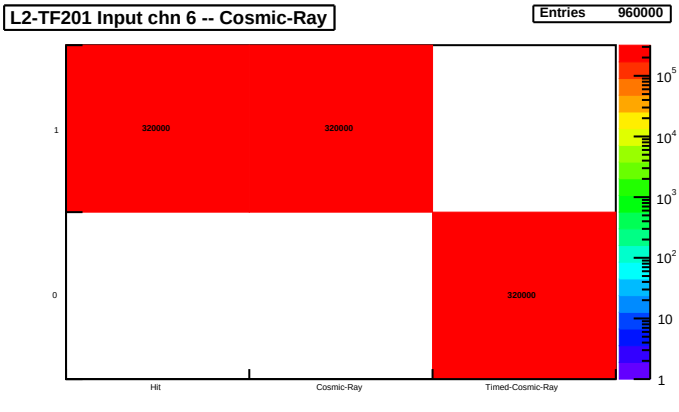

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

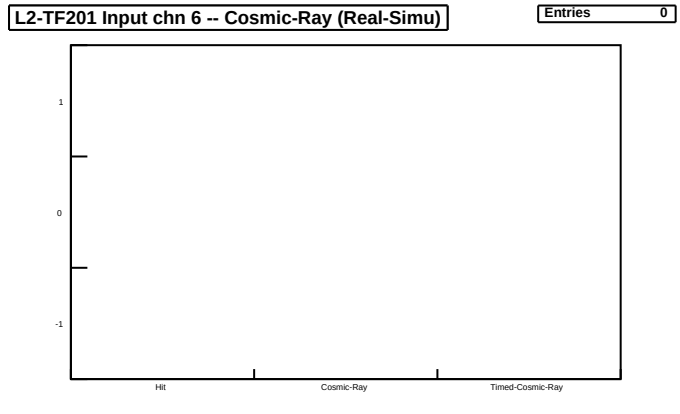

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 960000
1
319999
320000
320000
Hit
Cosmic-Ray
Timed-Cosmic-Ray

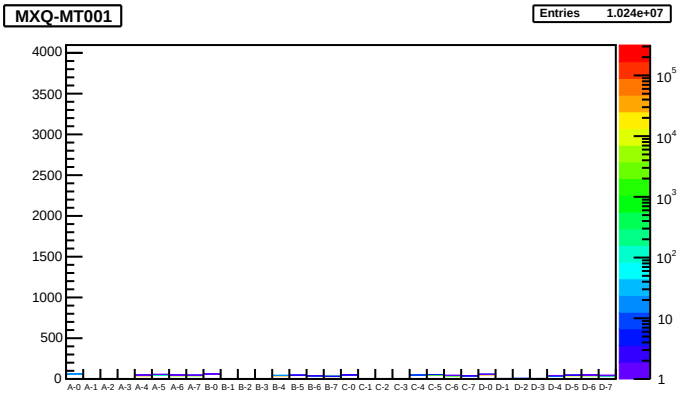

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

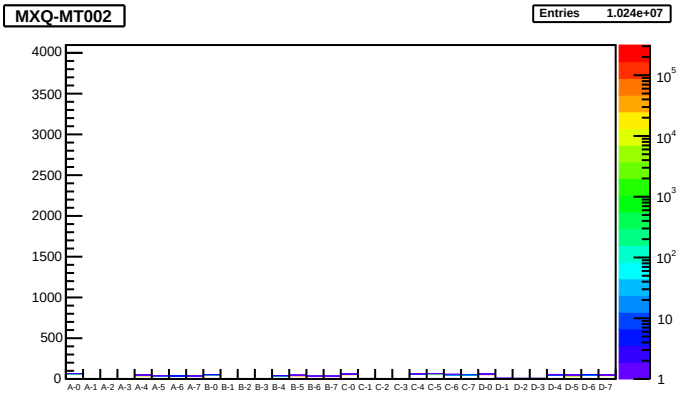

L2-TF201 Input chn 6 -- Number of Muons
Entries 320000
Number of Muons

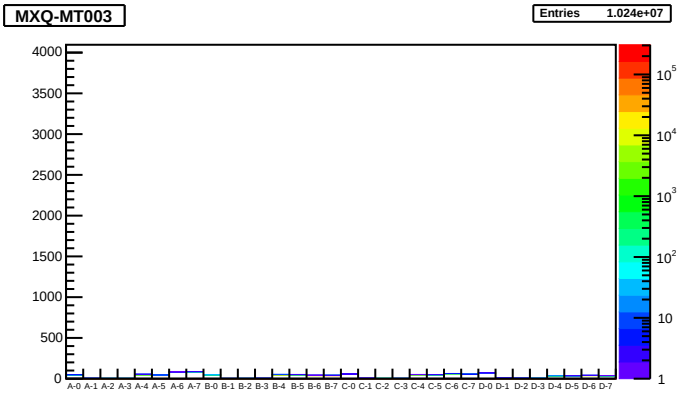

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

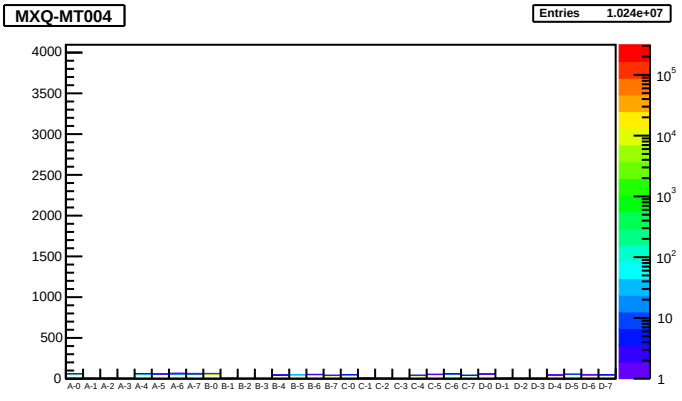

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 960000
320000
320000
320000
Hit
Cosmic-Ray
Timed-Cosmic-Ray

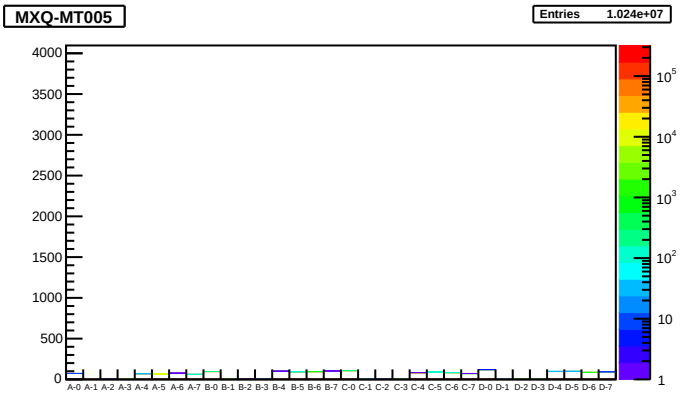

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

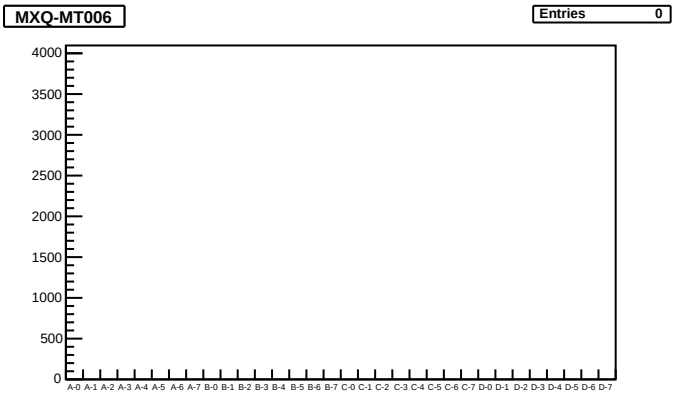

MXQ-MT001
Entries 1.024e+07

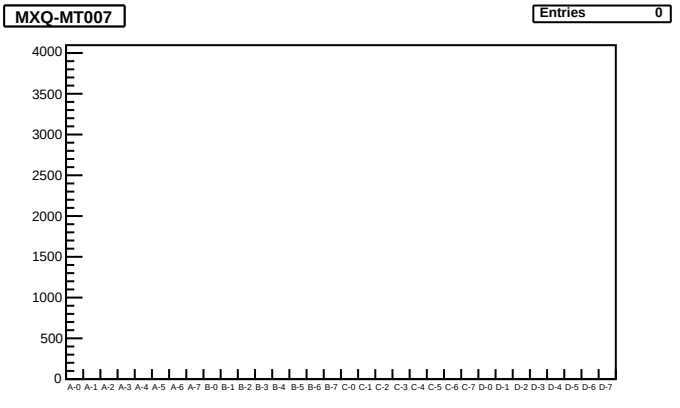

MXQ-MT002
Entries 1.024e+07

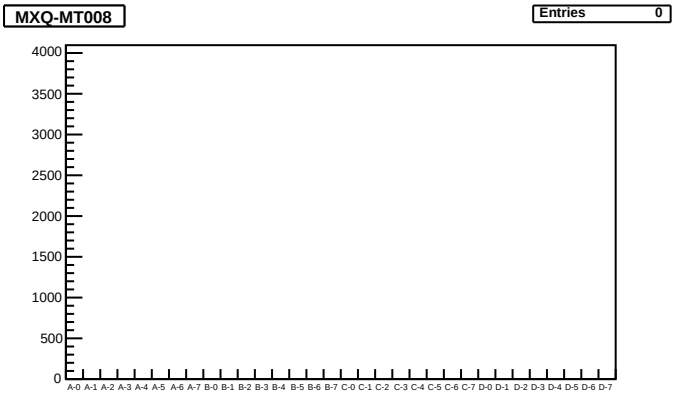

MXQ-MT003
Entries 1.024e+07

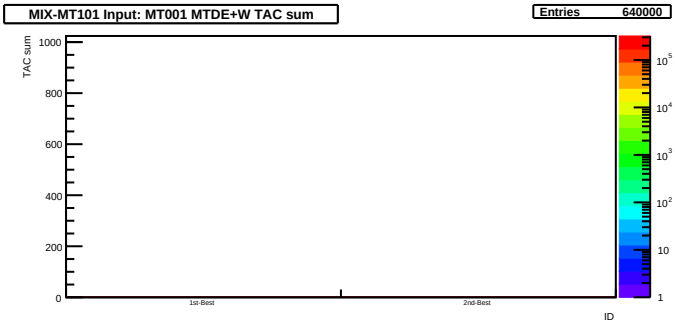

MXQ-MT004
Entries 1.024e+07

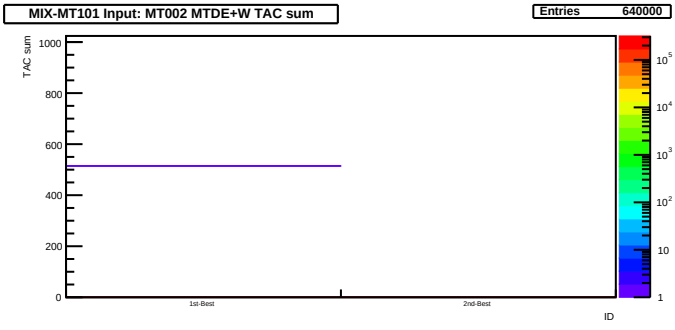

MXQ-MT005
Entries 1.024e+07

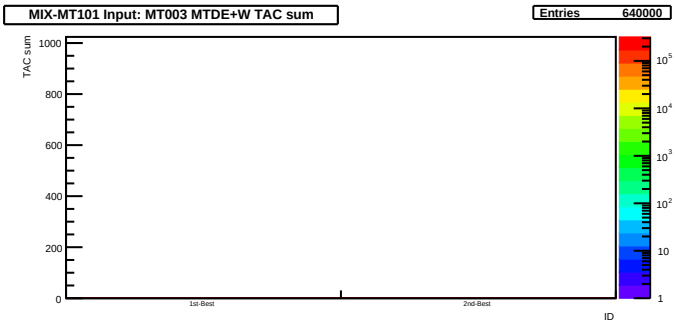

MXQ-MT006
Entries 0

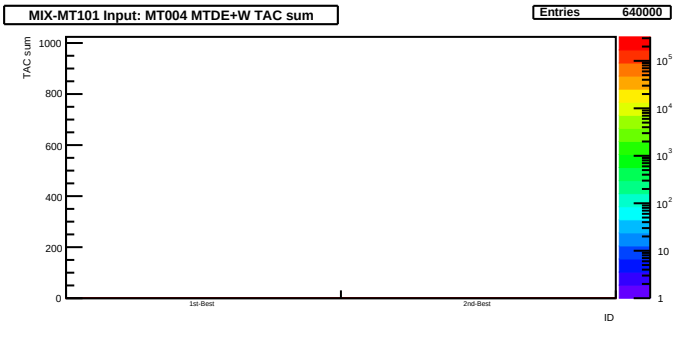

MXQ-MT007
Entries 0

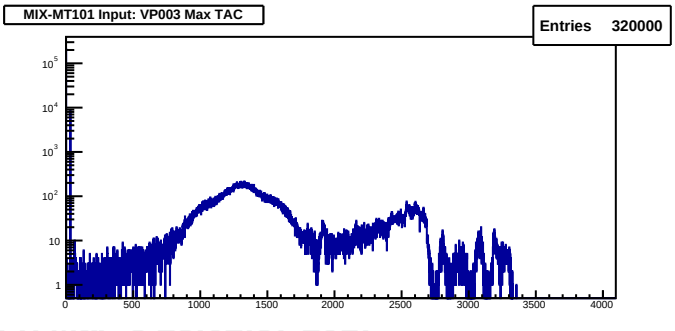

MXQ-MT008
Entries 0

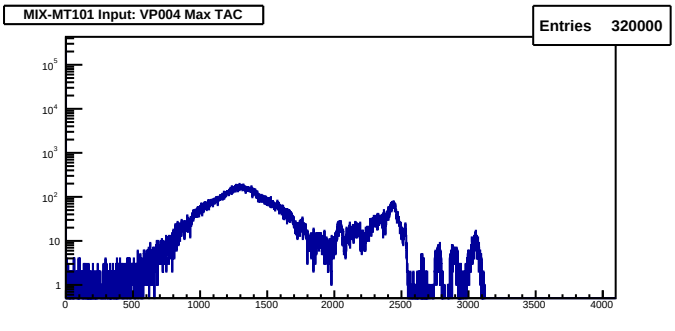

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 640000
TAC sum
1st-Best
2nd-Best
ID

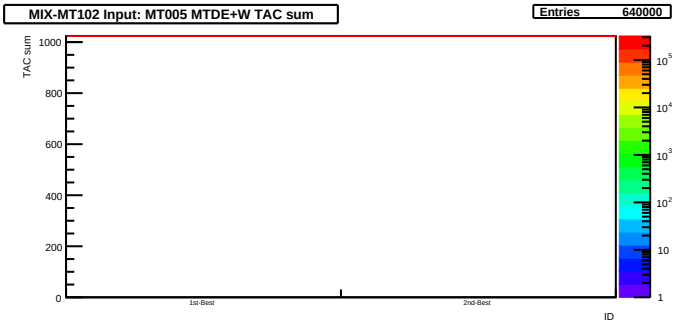

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 640000
TAC sum
1st-Best
2nd-Best
ID

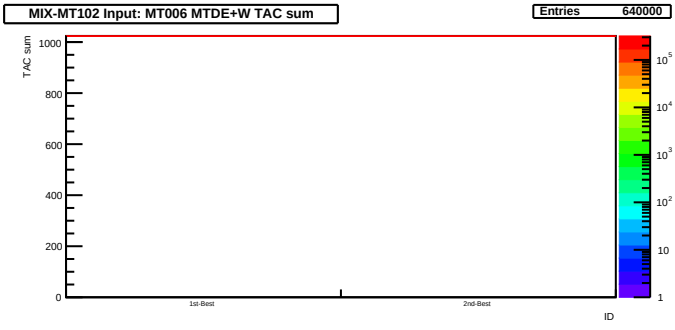

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 640000
TAC sum
1st-Best
2nd-Best
ID

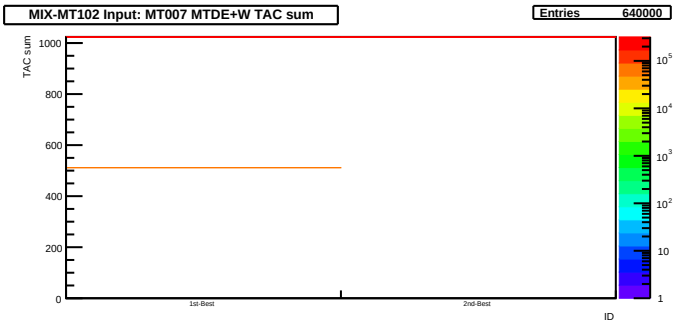

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 640000
TAC sum
1st-Best
2nd-Best
ID

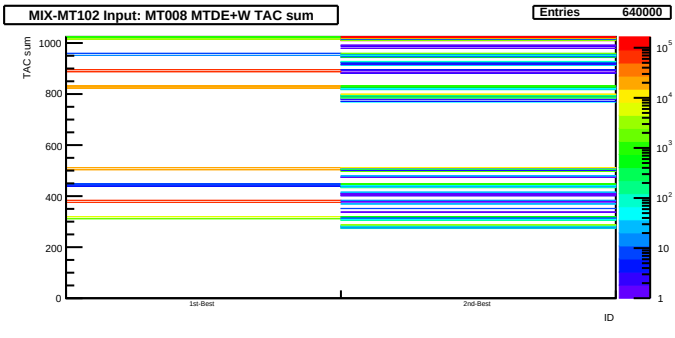

MIX-MT101 Input: VP003 Max TAC
Entries 320000

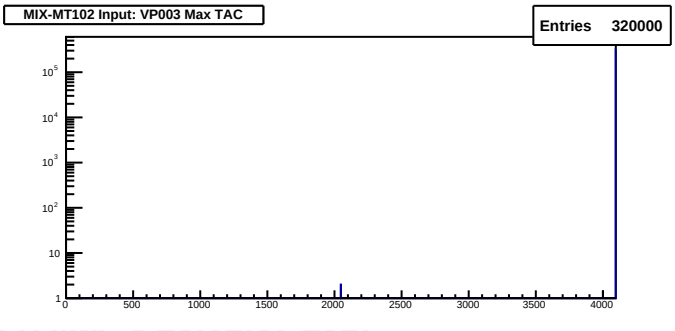

MIX-MT101 Input: VP004 Max TAC
Entries 320000

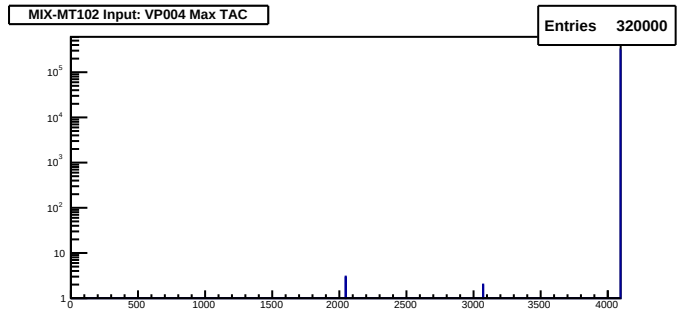

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 640000
TAC sum
1st-Best
2nd-Best
ID

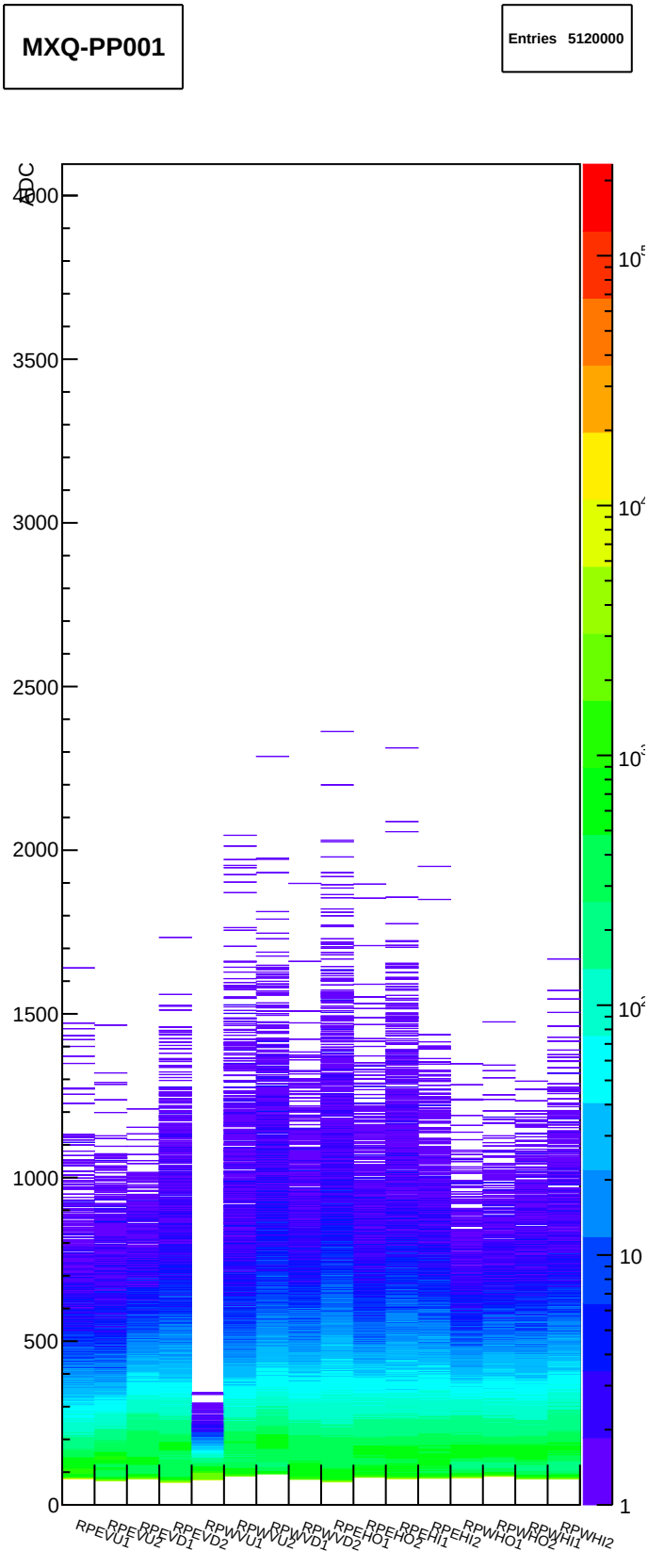

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 640000
TAC sum
1st-Best
2nd-Best
ID

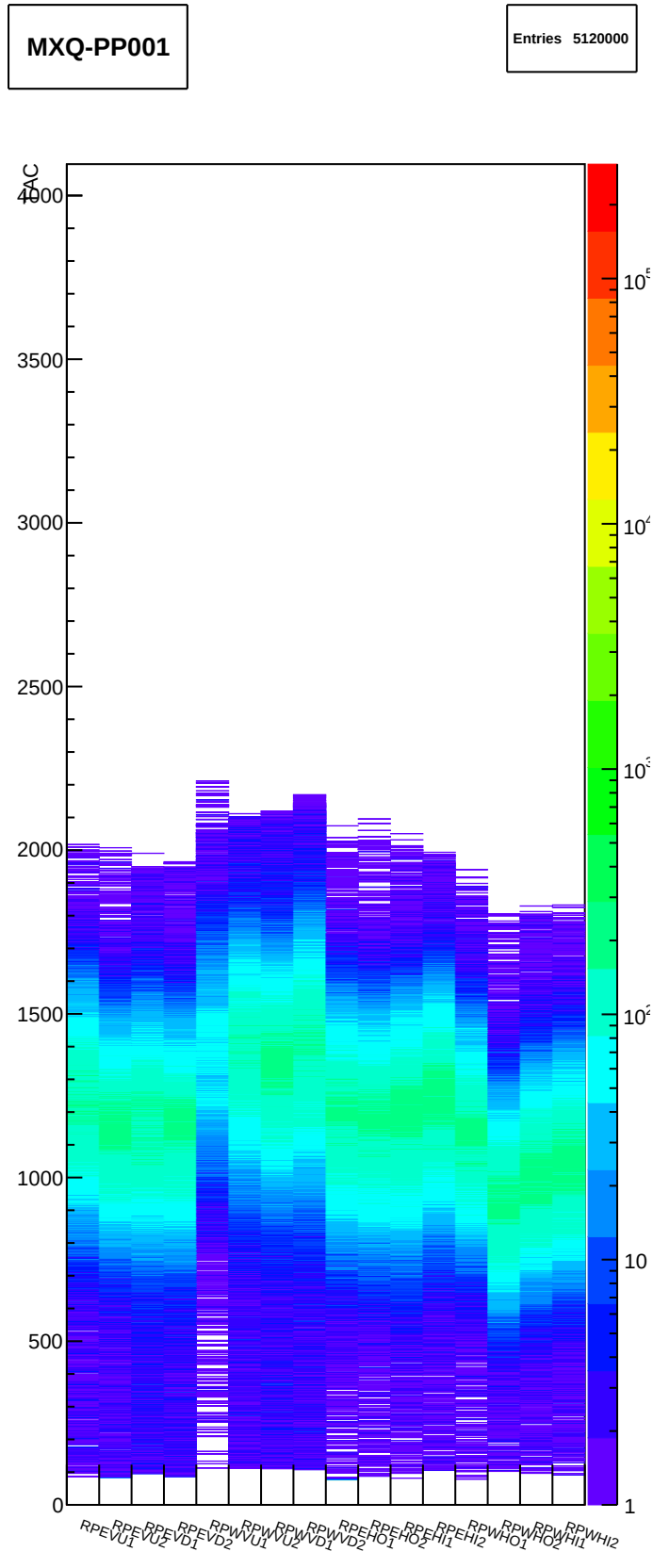

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 640000
TAC sum
1st-Best
2nd-Best
ID

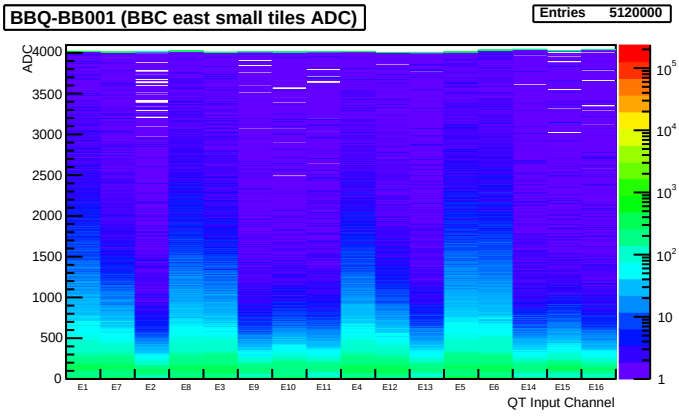

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 640000
TAC sum
1st-Best
2nd-Best
ID

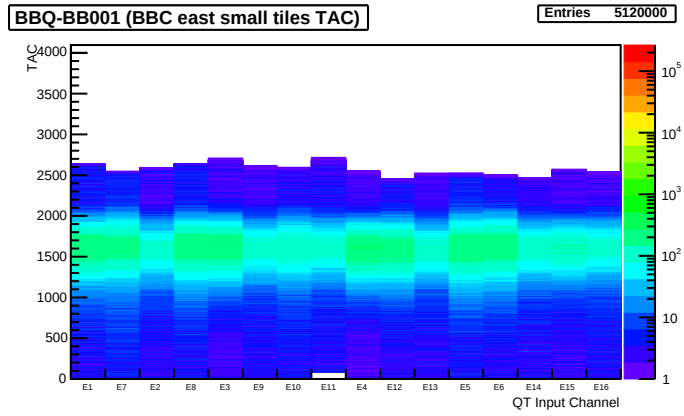

MIX-MT102 Input: VP003 Max TAC
Entries 320000

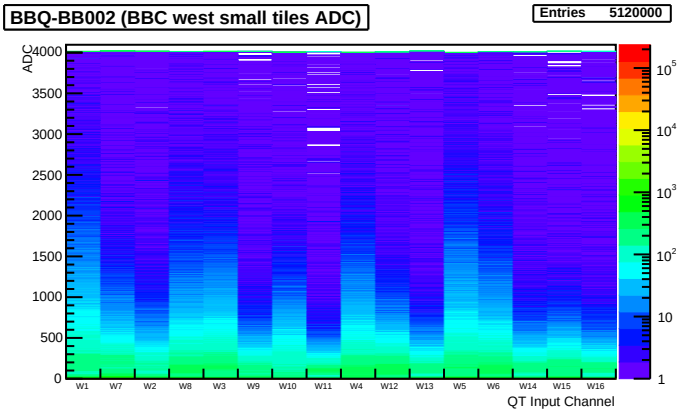

MIX-MT102 Input: VP004 Max TAC
Entries 320000

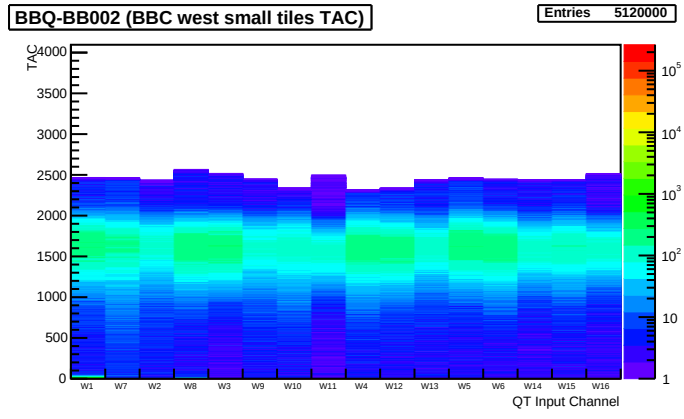

MXQ-PP001
Entries 5120000
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

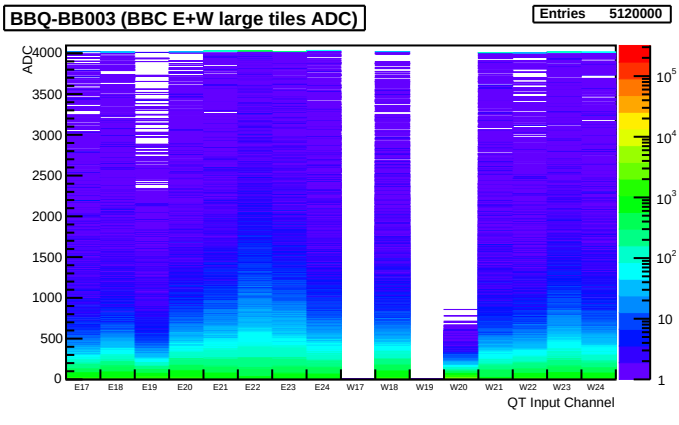

MXQ-PP001
Entries 5120000
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

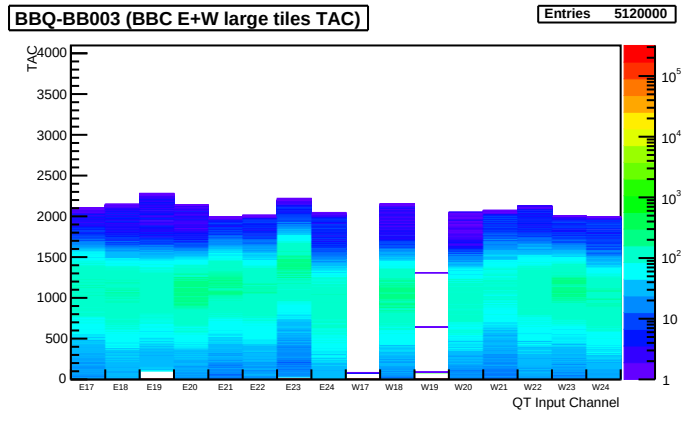

BBQ-BB001 (BBC east small tiles ADC)
Entries 5120000
ADC
QT Input Channel

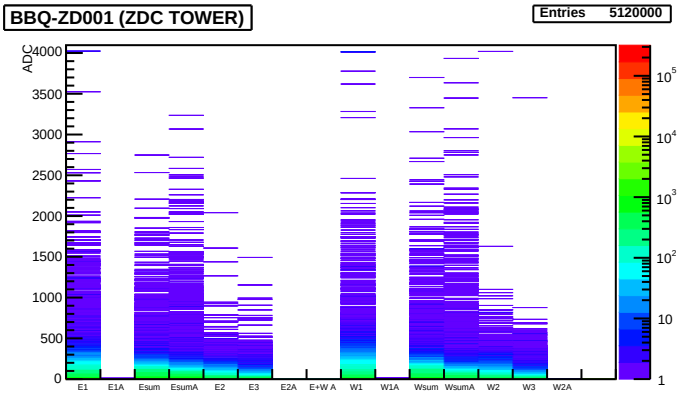

BBQ-BB001 (BBC east small tiles TAC)
Entries 5120000
TAC
QT Input Channel

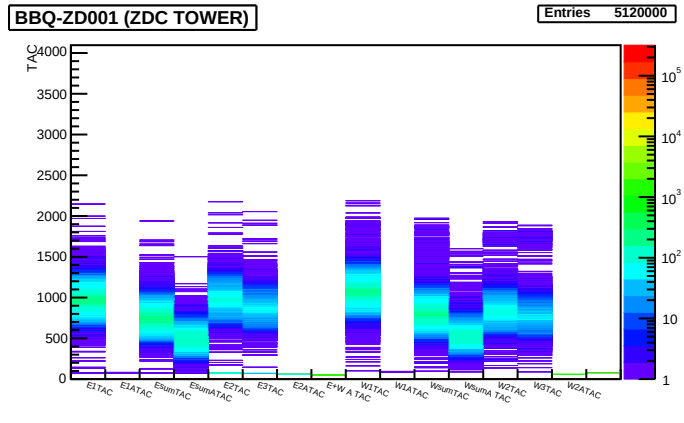

BBQ-BB002 (BBC west small tiles ADC)
Entries 5120000
ADC
QT Input Channel

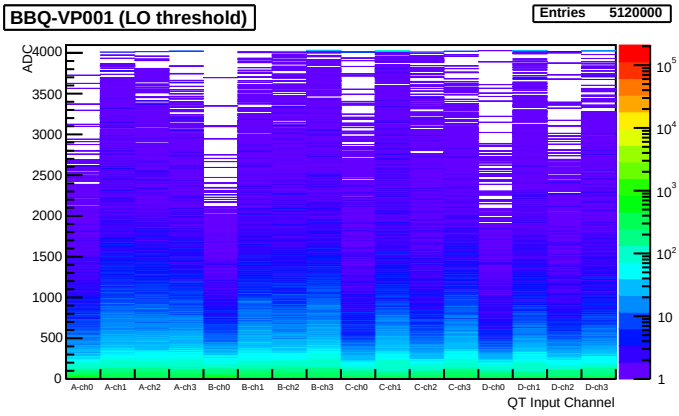

BBQ-BB002 (BBC west small tiles TAC)
Entries 5120000
TAC
QT Input Channel

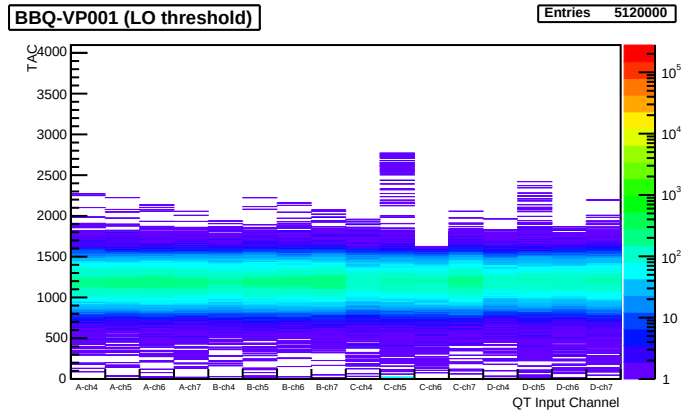

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 5120000
ADC
QT Input Channel

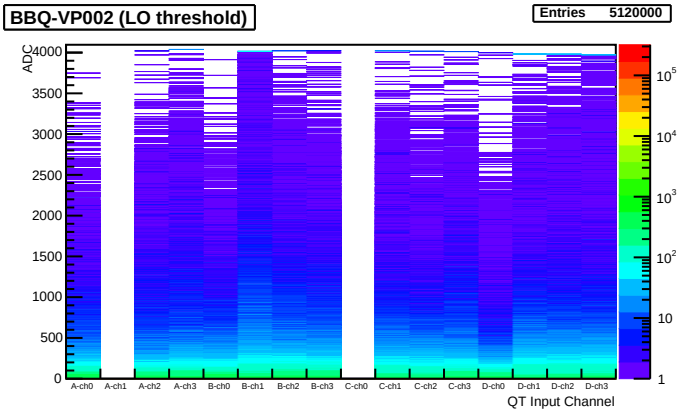

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 5120000
TAC
QT Input Channel

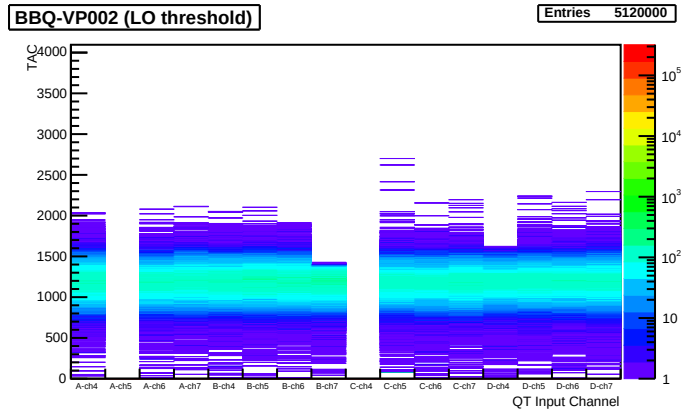

BBQ-ZD001 (ZDC TOWER)
Entries 5120000
ADC

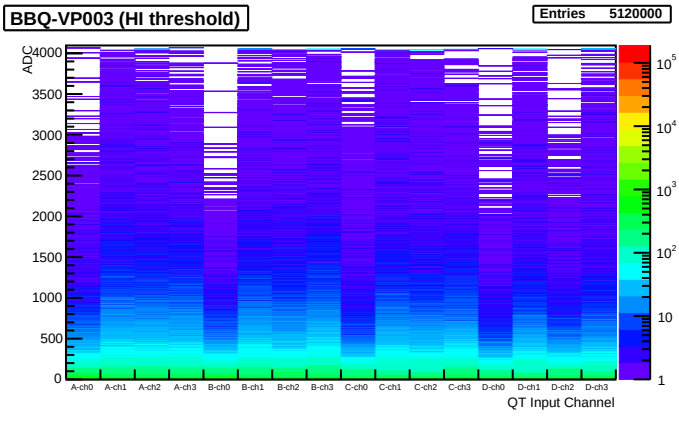

BBQ-ZD001 (ZDC TOWER)
Entries 5120000
TAC

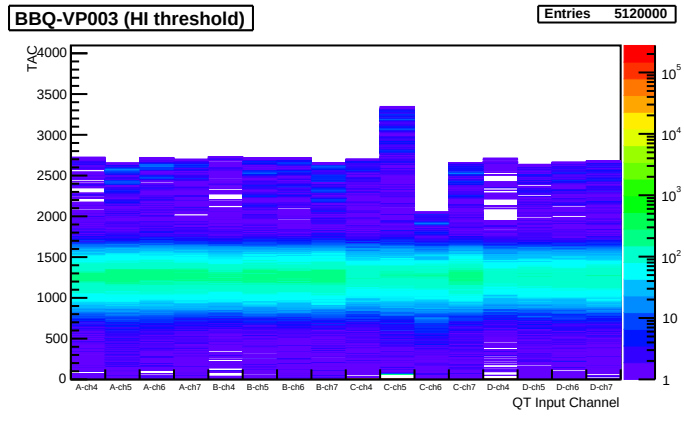

BBQ-VP001 (LO threshold)
Entries 5120000
ADC
QT Input Channel

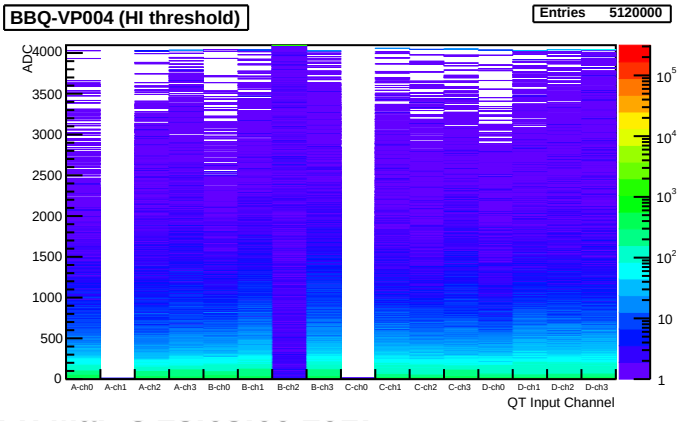

BBQ-VP001 (LO threshold)
Entries 5120000
TAC
QT Input Channel

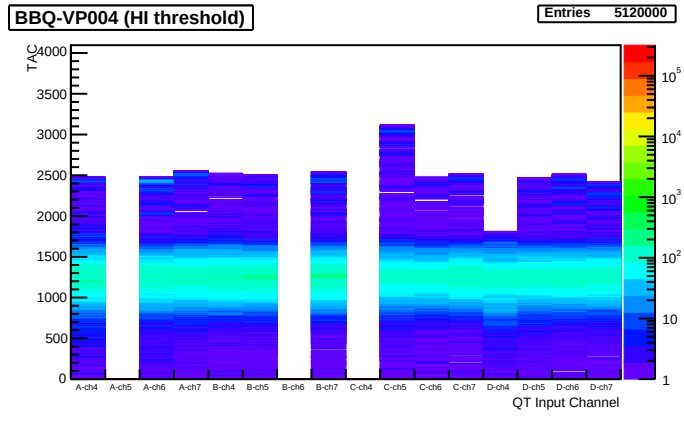

BBQ-VP002 (LO threshold)
Entries 5120000
ADC
QT Input Channel

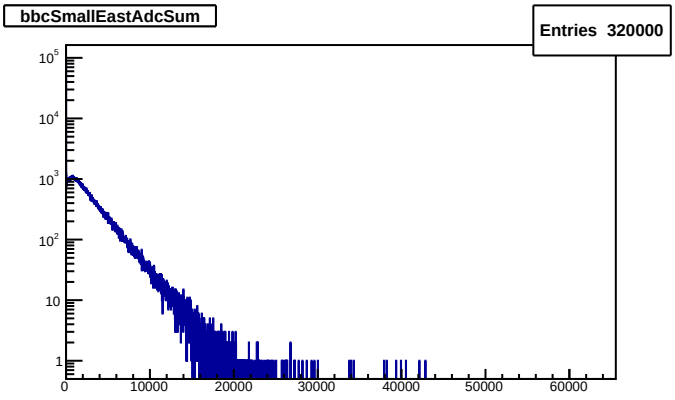

BBQ-VP002 (LO threshold)
Entries 5120000
TAC
QT Input Channel

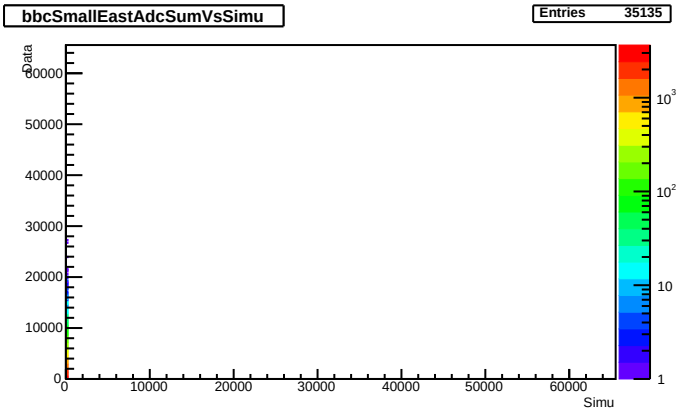

BBQ-VP003 (HI threshold)
Entries 5120000
ADC
QT Input Channel

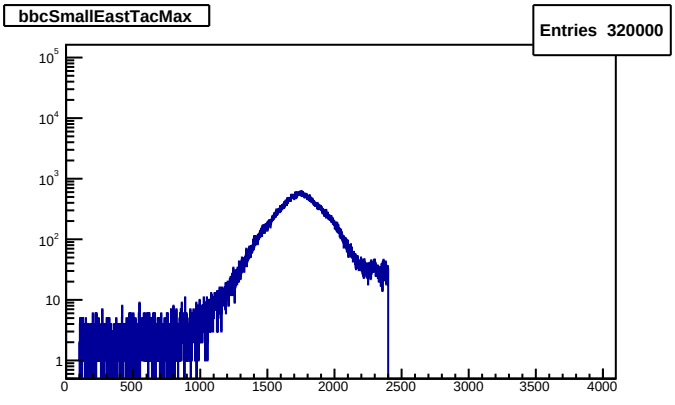

BBQ-VP003 (HI threshold)
Entries 5120000
TAC
QT Input Channel

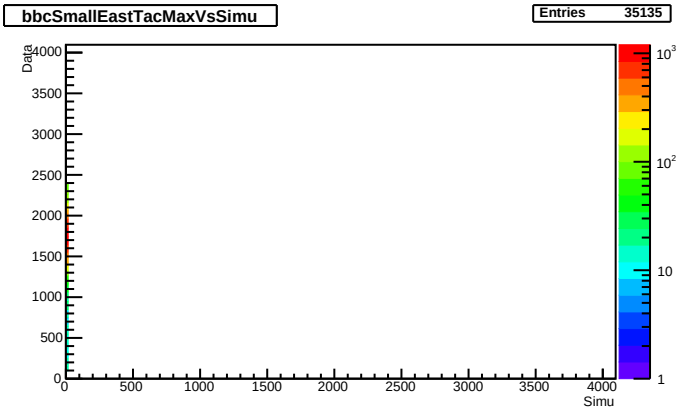

BBQ-VP004 (HI threshold)
Entries 5120000
ADC
QT Input Channel

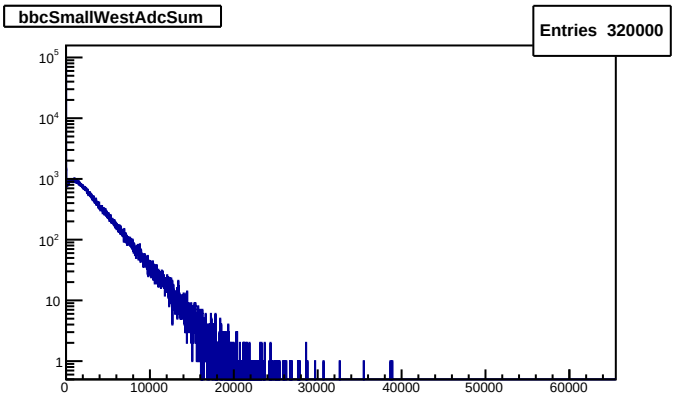

BBQ-VP004 (HI threshold)
Entries 5120000
TAC
QT Input Channel

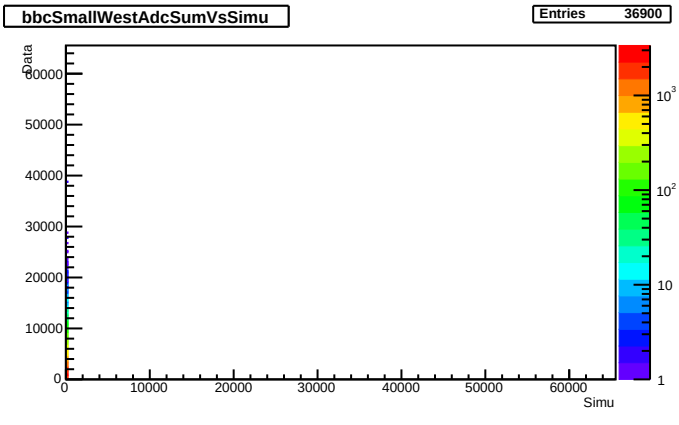

bbcSmallEastAdcSum
Entries 320000

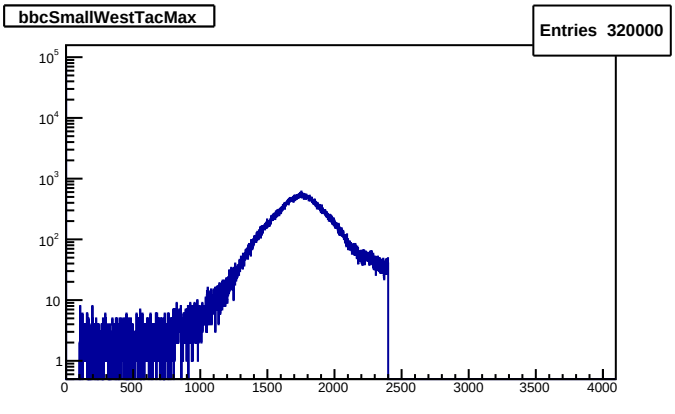

bbcSmallEastAdcSumVsSimu
Entries 35135
Data
Simu

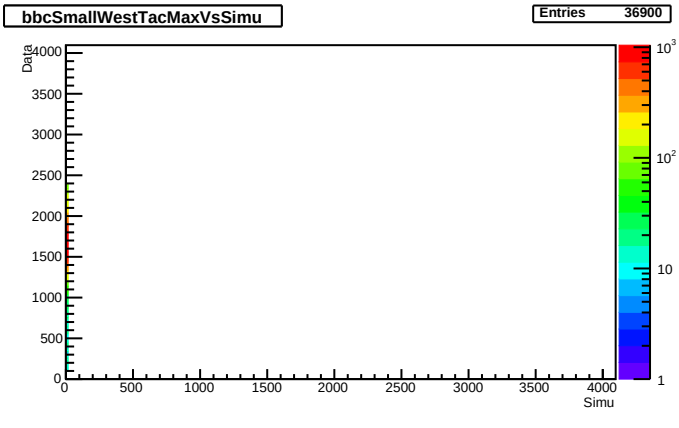

bbcSmallEastTacMax
Entries 320000

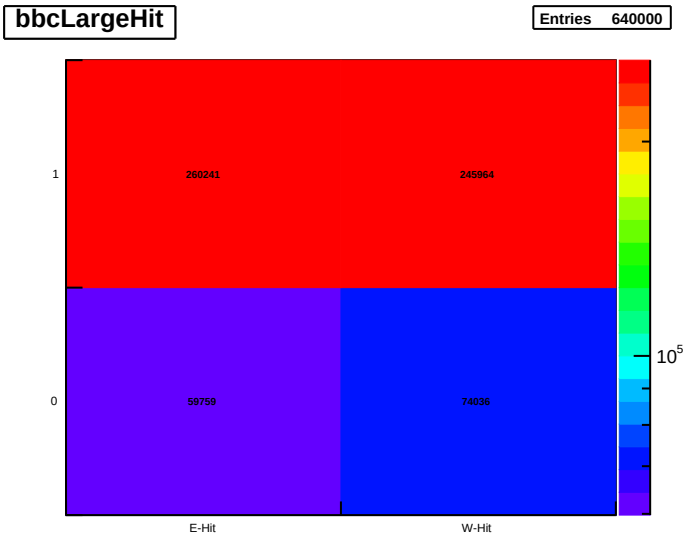

bbcSmallEastTacMaxVsSimu
Entries 35135
Data
Simu

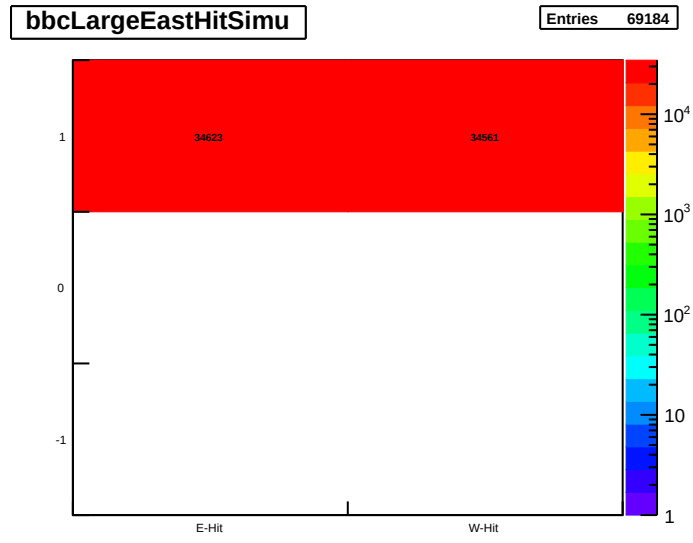

bbcSmallWestAdcSum
Entries 320000

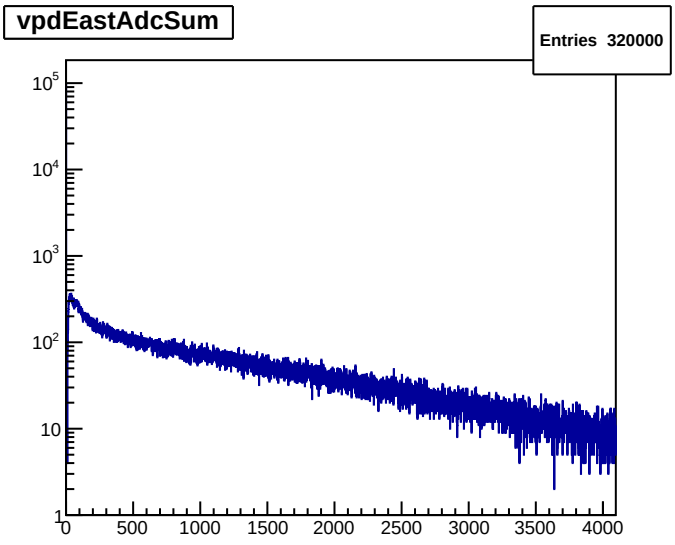

bbcSmallWestAdcSumVsSimu
Entries 36900
Data
Simu

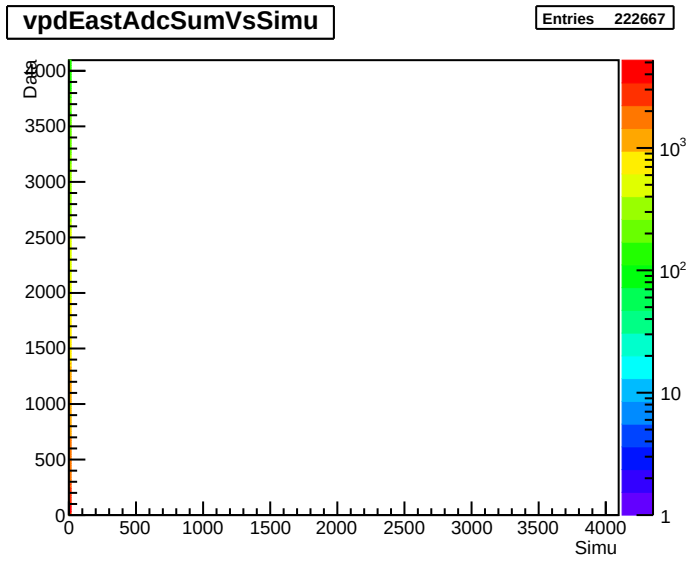

bbcSmallWestTacMax
Entries 320000

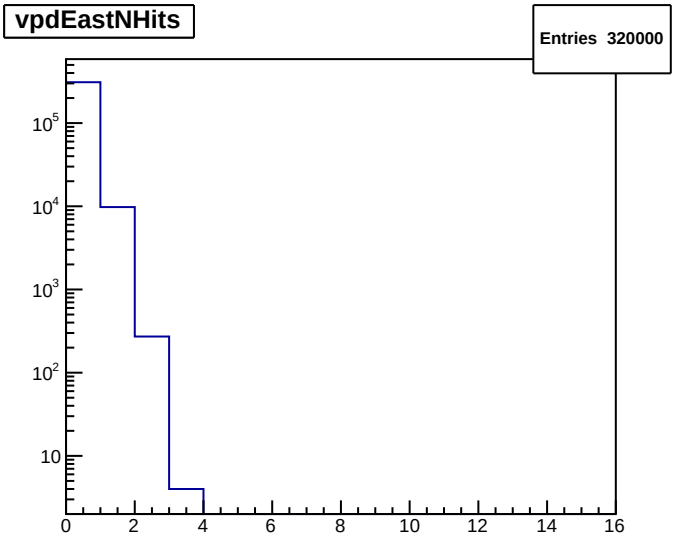

bbcSmallWestTacMaxVsSimu
Entries 36900
Data
Simu

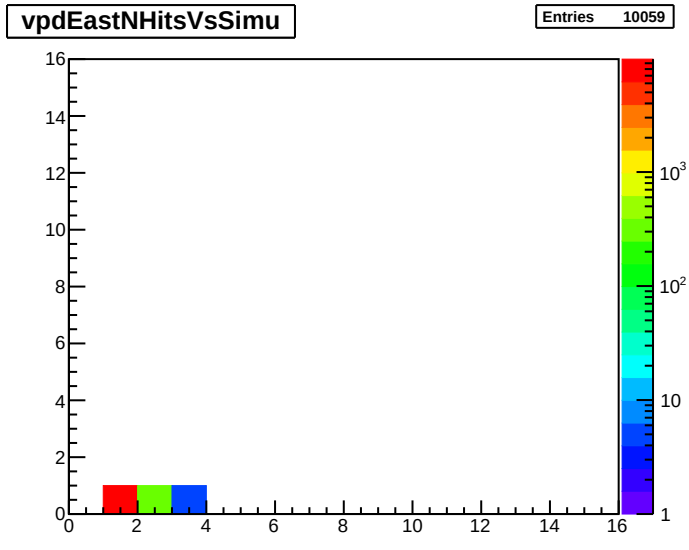

bbcLargeHit
Entries 640000
1
0
260241
245964
59759
74036
E-Hit
W-Hit
10^5

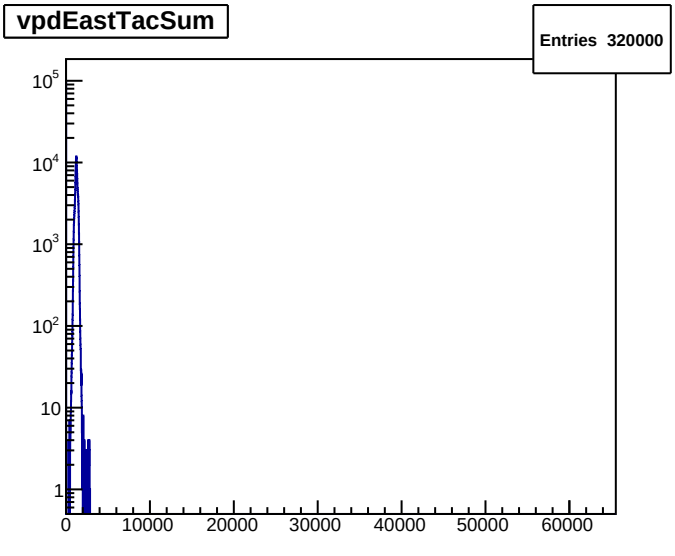

bbcLargeEastHitSimu
Entries 69184
1
0
-1
34623
34561
E-Hit
W-Hit
10^4
10^3
10^2
10
1

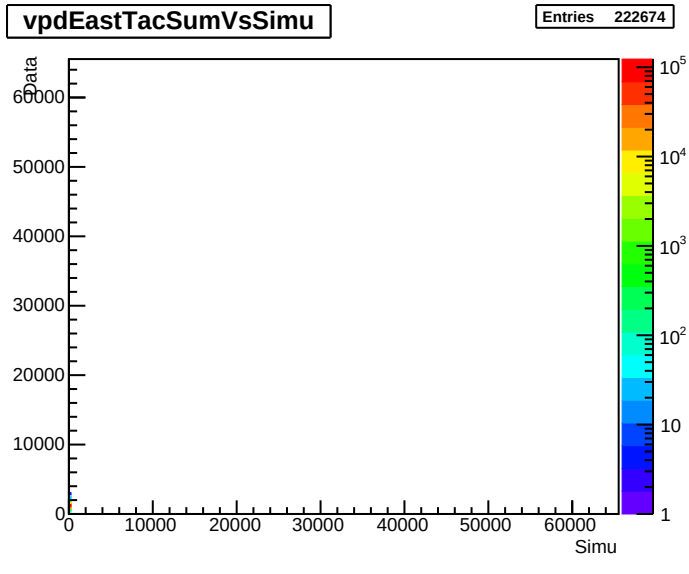

vpdEastAdcSum
Entries 320000

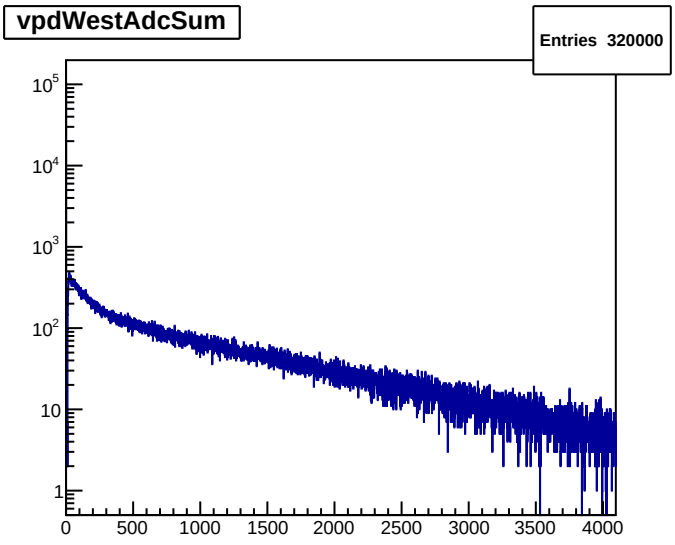

vpdEastAdcSumVsSimu
Entries 222667
Data
Simu

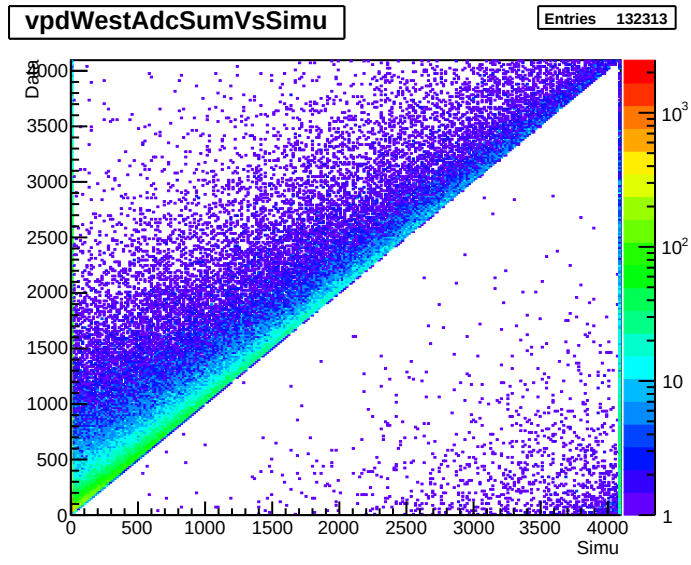

vpdEastNHits
Entries 320000

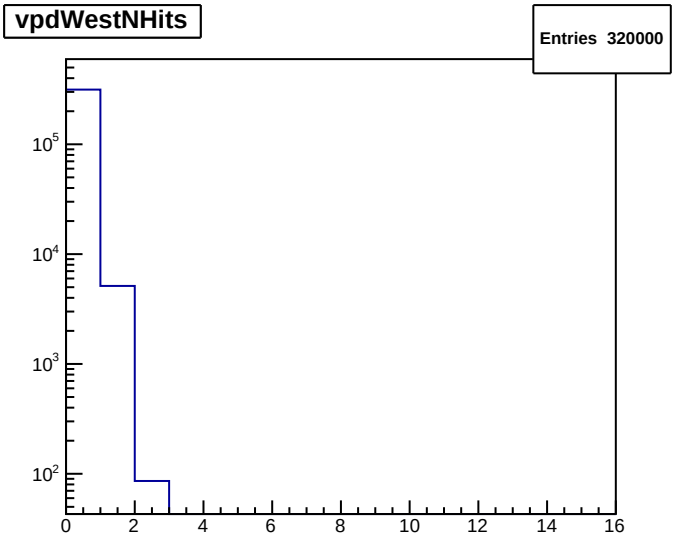

vpdEastNHitsVsSimu
Entries 10059

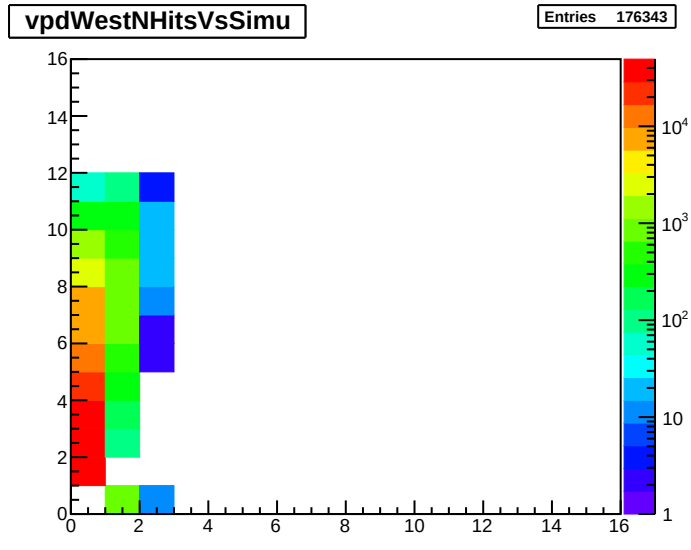

vpdEastTacSum
Entries 320000

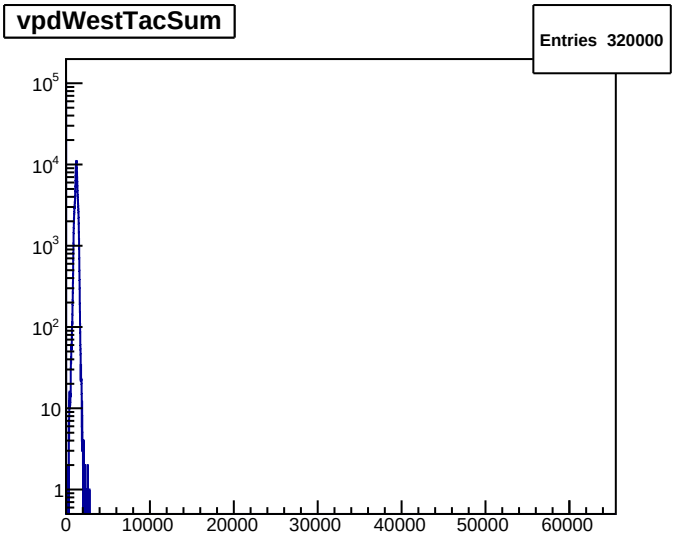

vpdEastTacSumVsSimu
Entries 222674
Data
Simu

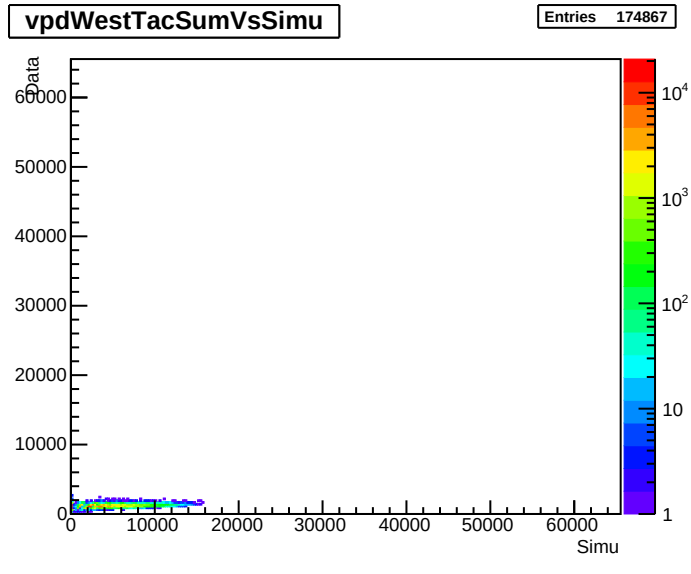

vpdWestAdcSum
Entries 320000

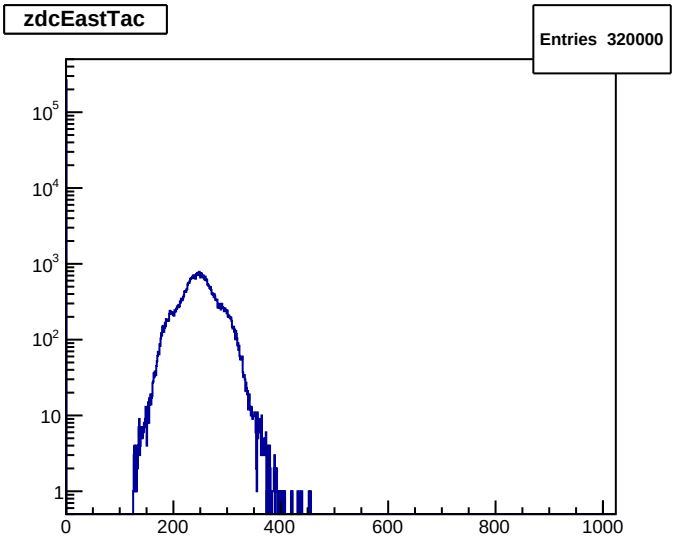

vpdWestAdcSumVsSimu
Entries 132313
Data
Simu

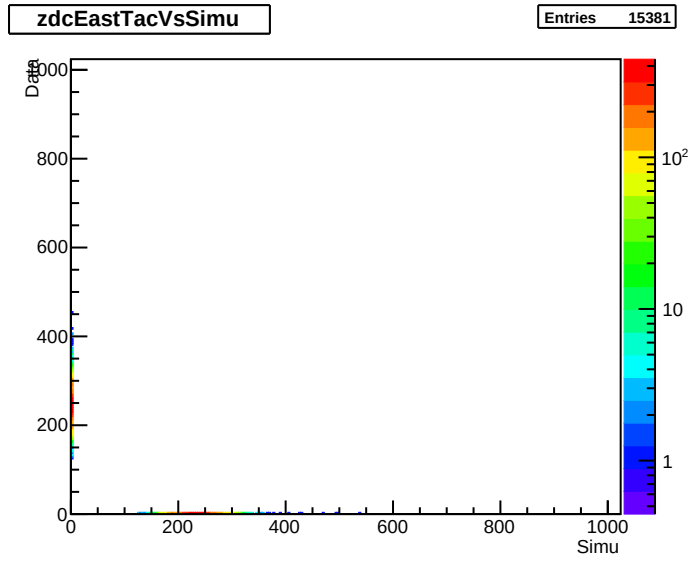

vpdWestNHits
Entries 320000

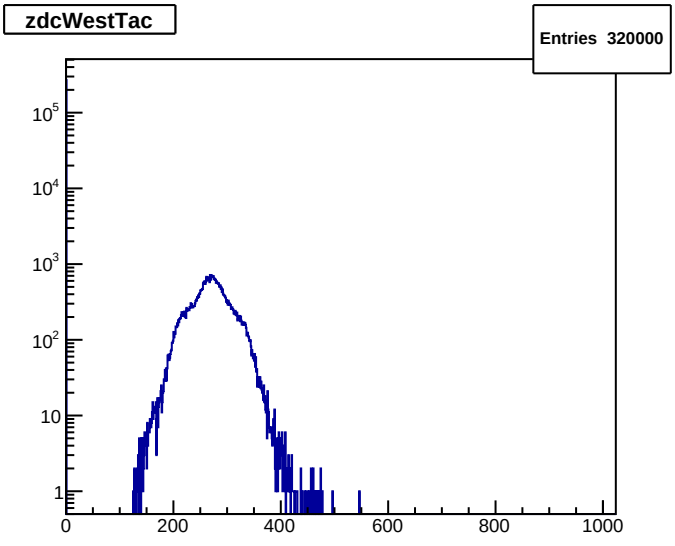

vpdWestNHitsVsSimu
Entries 176343

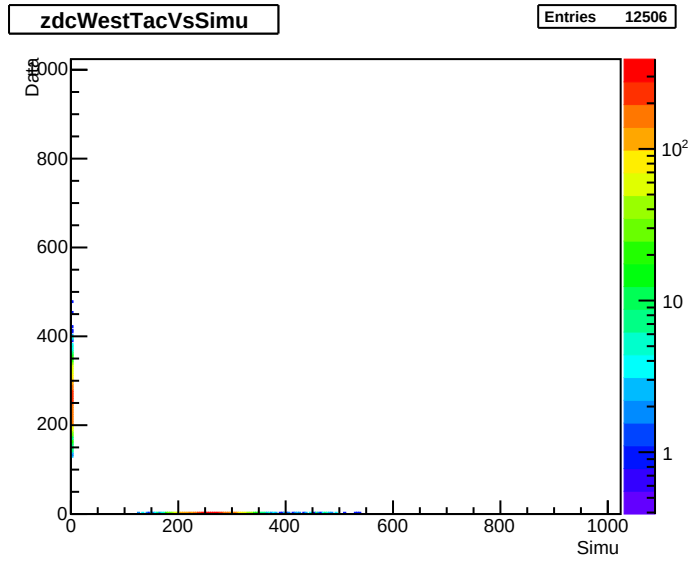

vpdWestTacSum
Entries 320000

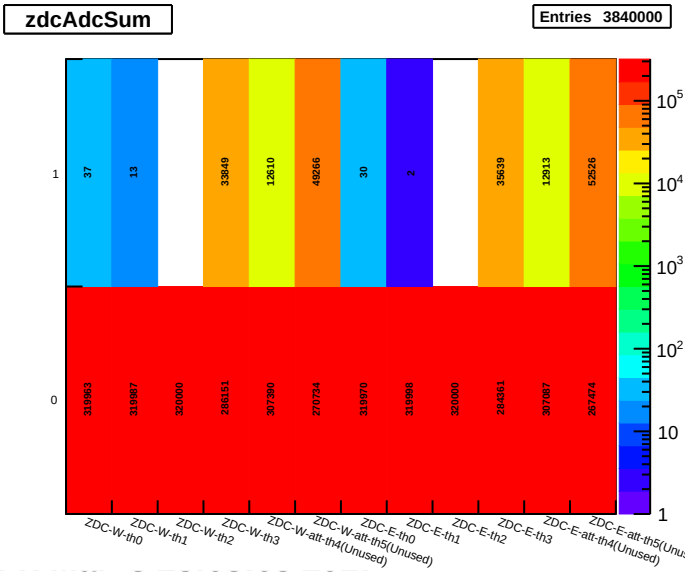

vpdWestTacSumVsSimu
Entries 174867
Data
Simu

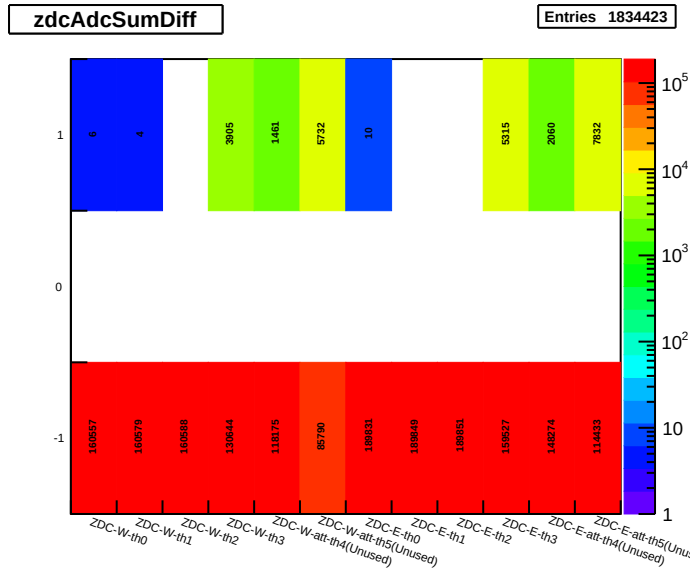

zdcEastTac
Entries 320000

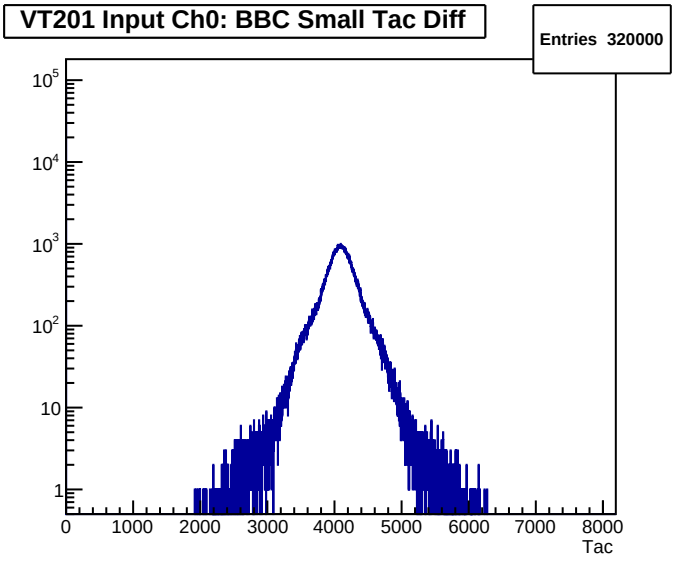

zdcEastTacVsSimu
Entries 15381
Data
Simu

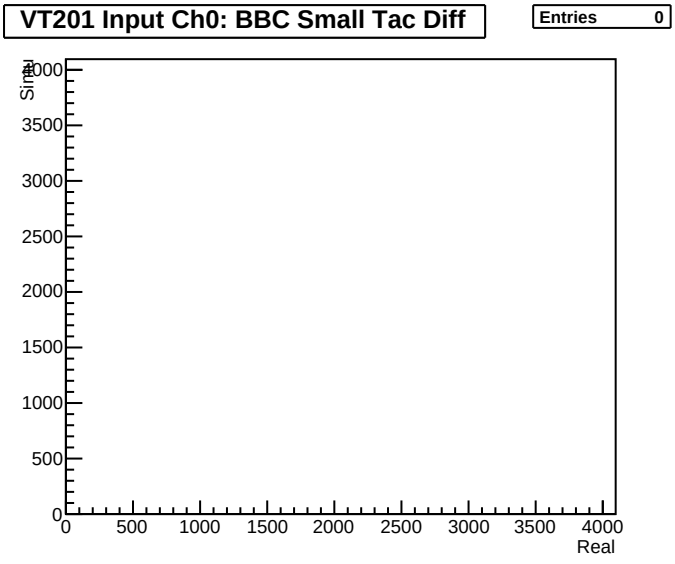

zdcWestTac
Entries 320000

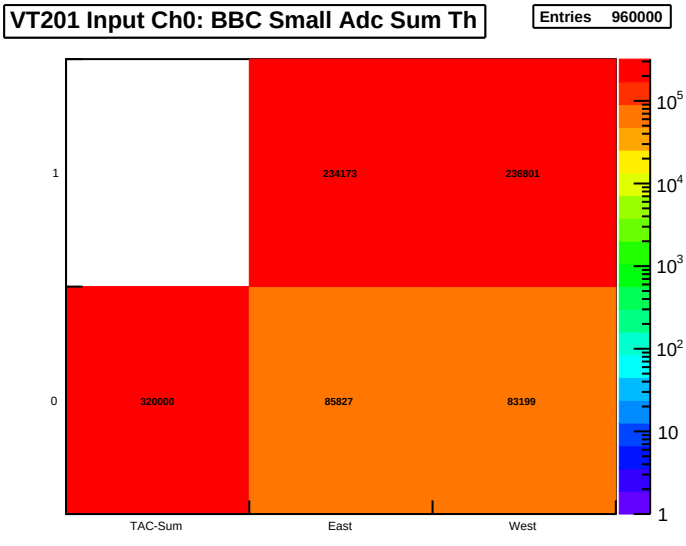

zdcWestTacVsSimu
Entries 12506
Data
Simu

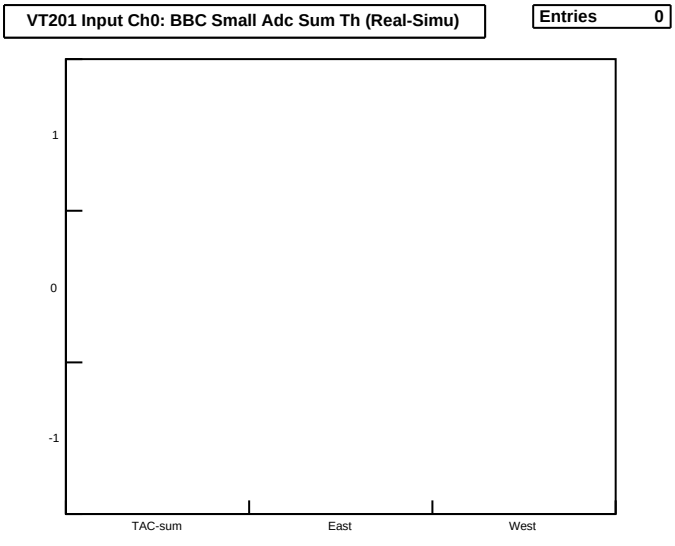

zdcAdcSum
Entries 3840000
37
13
33849
12610
49266
30
2
35639
12913
52526
319963
319987
320000
286151
307380
270734
319970
319998
320000
204361
307087
267474
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

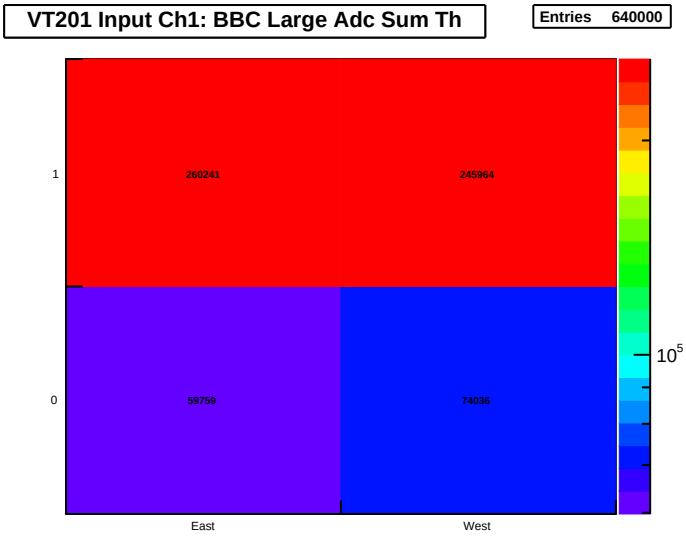

zdcAdcSumDiff
Entries 1834423
6
4
3905
1461
5732
10
5315
2060
7832
160557
160579
160588
130644
118175
85790
189831
189849
189851
159527
148274
114433
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

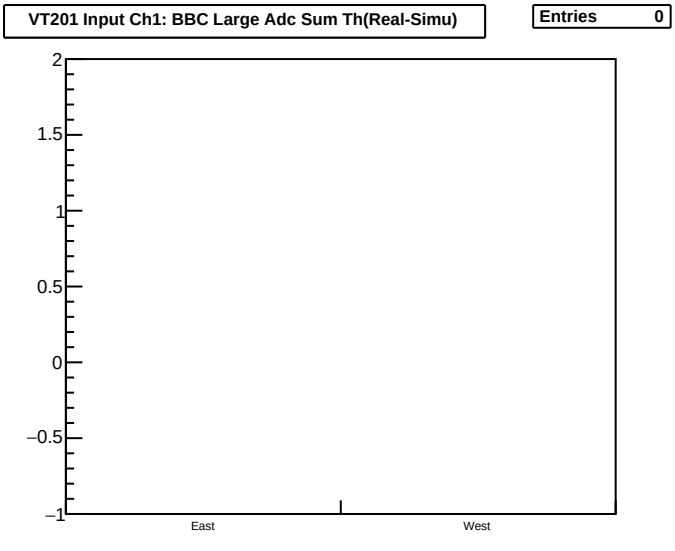

VT201 Input Ch0: BBC Small Tac Diff
Entries 320000
Tac


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

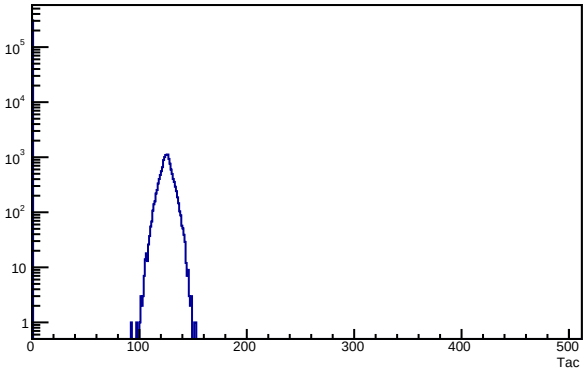

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 960000
234173
236801
320000
85827
83199
TAC-Sum
East
West


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

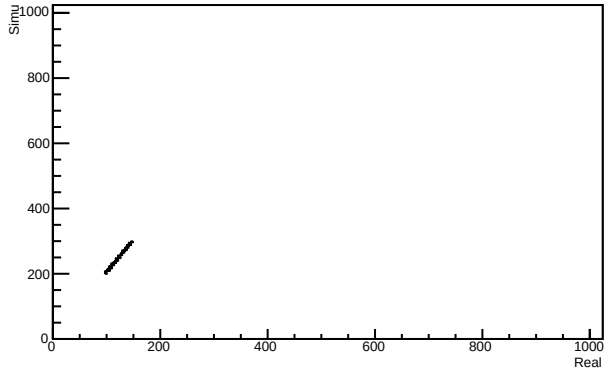

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 640000
260241
245964
59759
74036
East
West


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

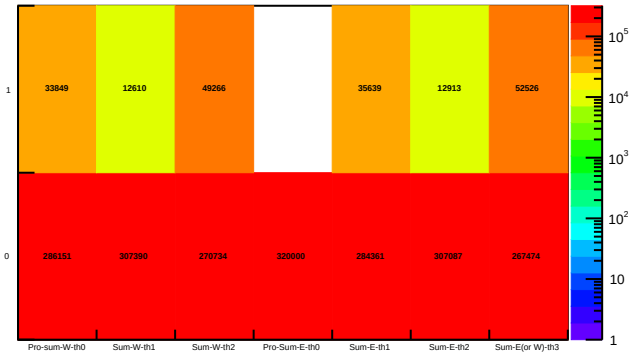
VT201 Input Ch2: ZDC Tac Diff



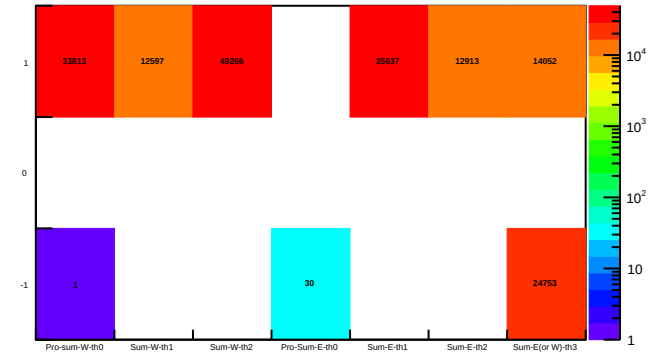
VT201 Input Ch2: ZDC Tac Diff



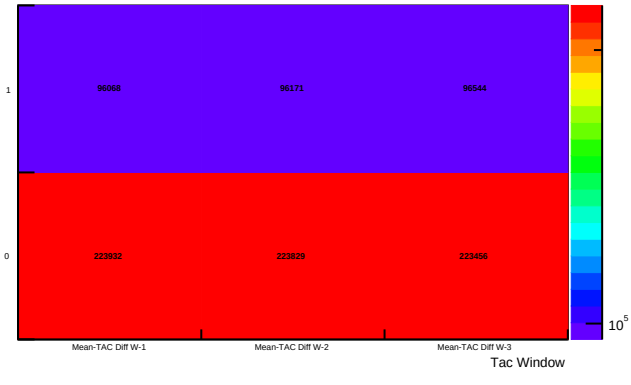
VT201 Input Ch2: ZDC Adc Sum Th



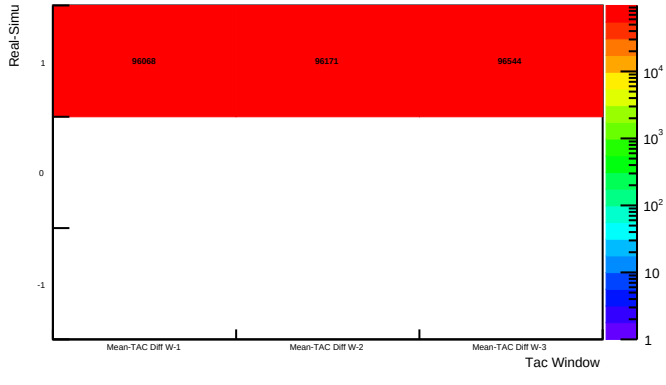
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



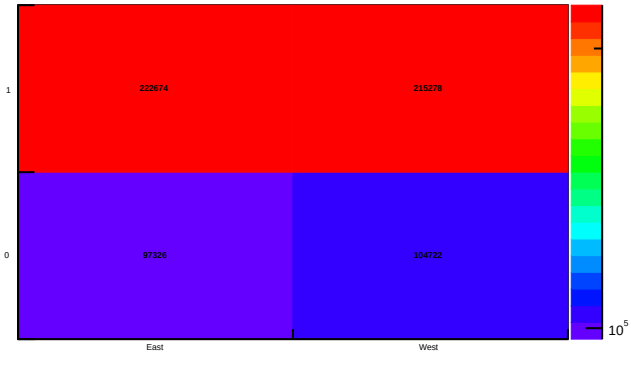
VT201 Input Ch4: VPD Tac Diff



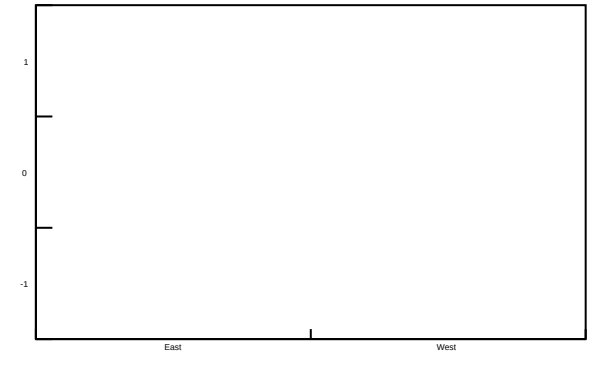
VT201 Input Ch4: VPD Tac Diff

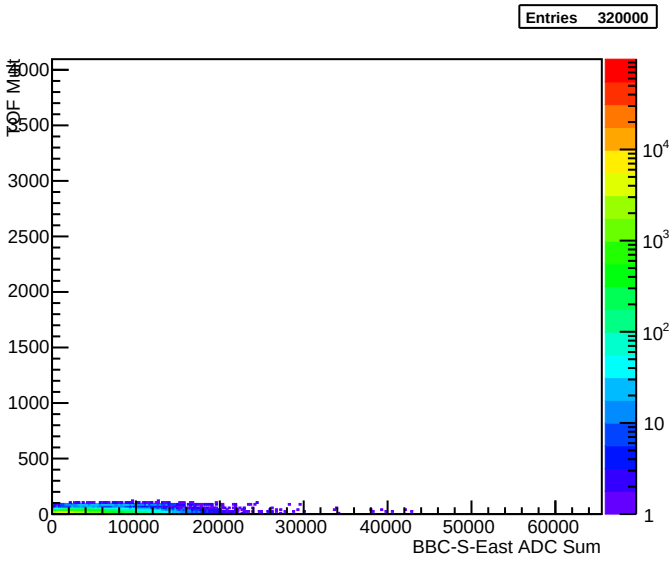


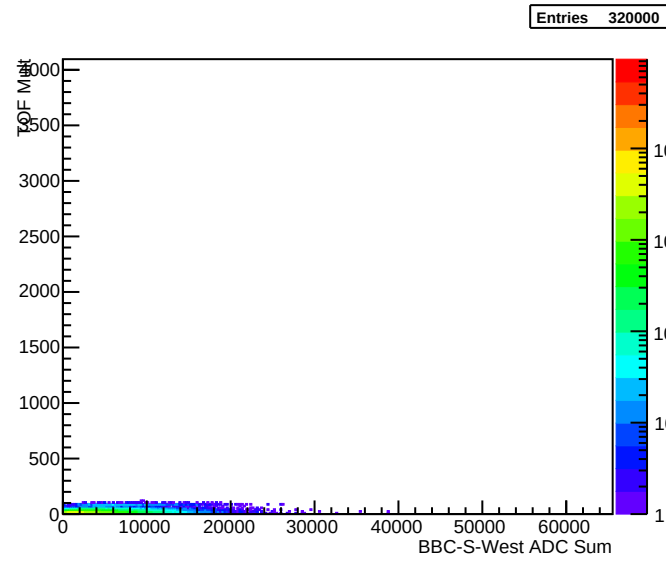
VT201 Input Ch4: VPD Adc Sum Th

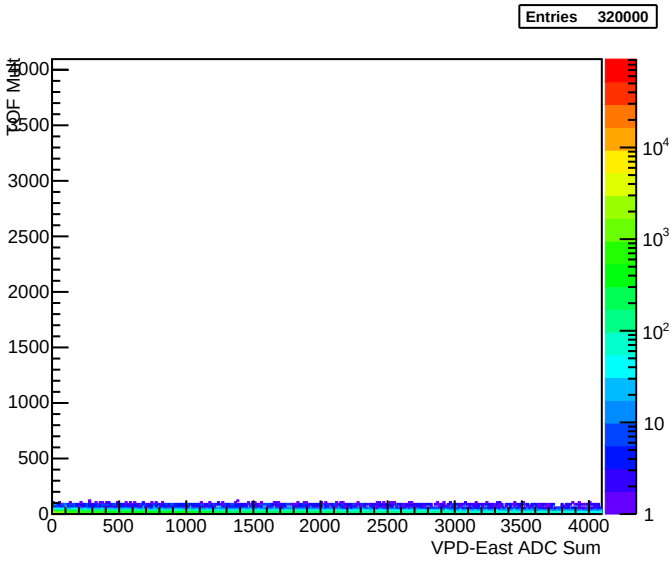


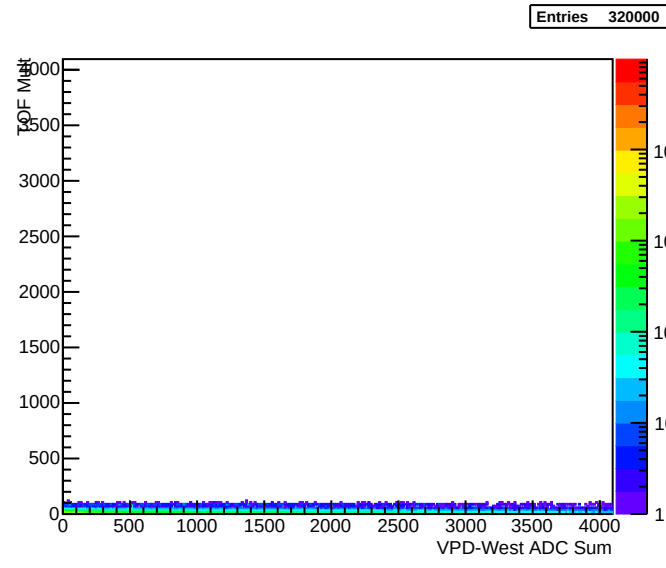
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

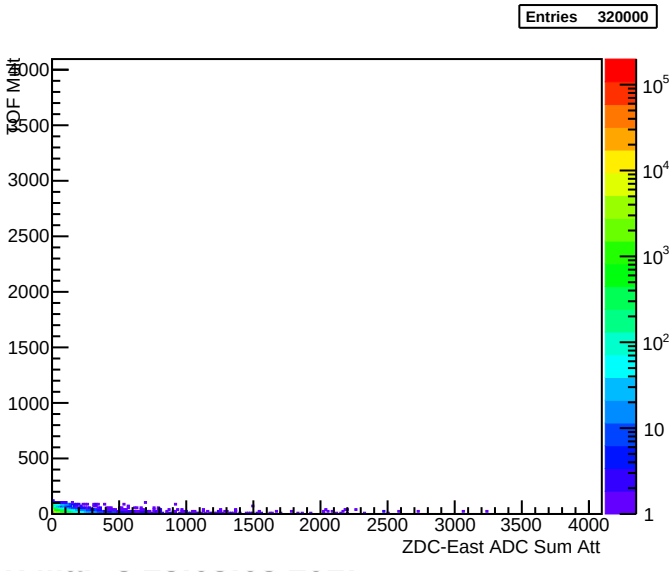


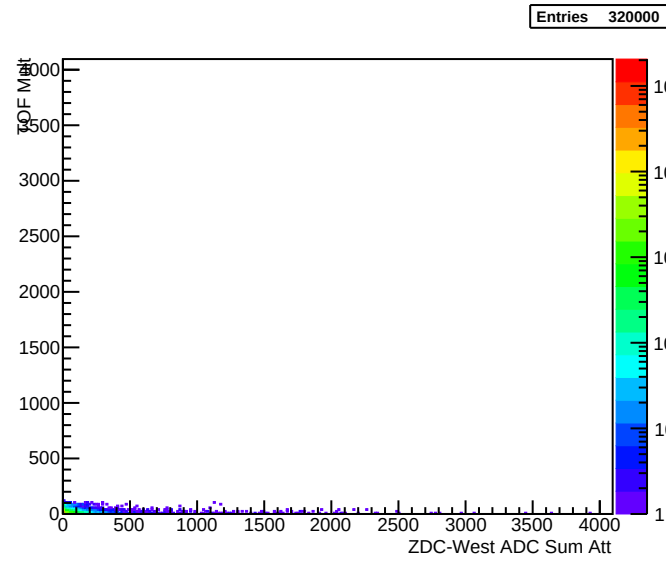

Entries 320000
TOF Mult
BBC-S-East ADC Sum

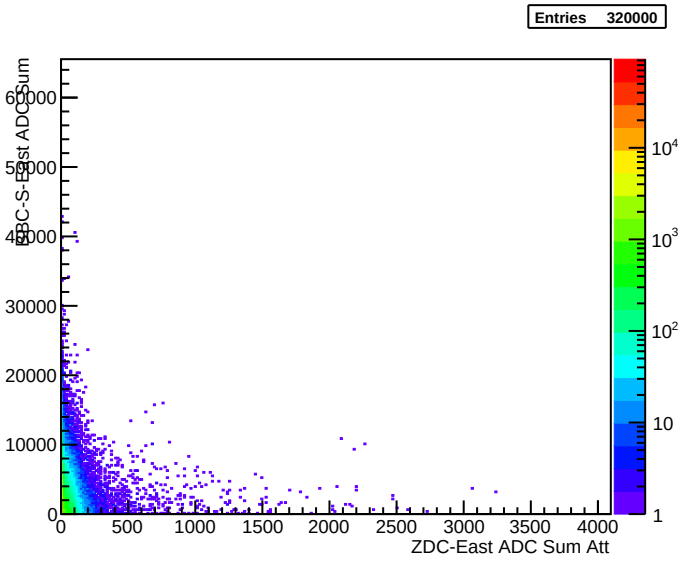

Entries 320000
TOF Mult
BBC-S-West ADC Sum

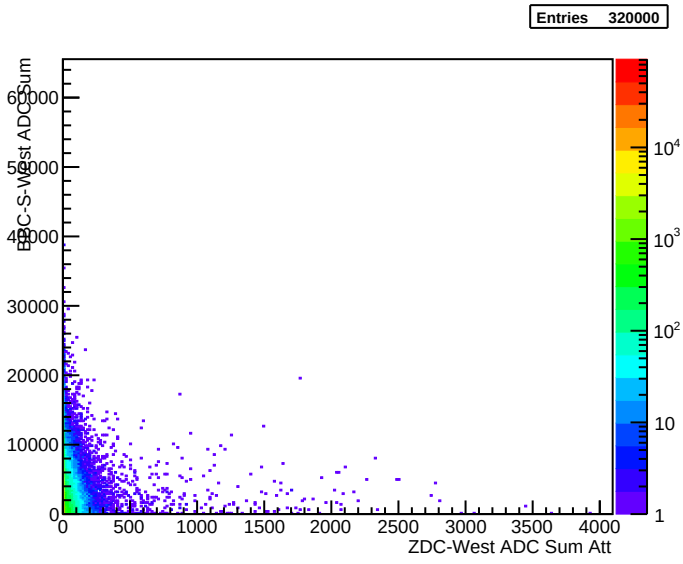

Entries 320000
TOF Mult
VPD-East ADC Sum

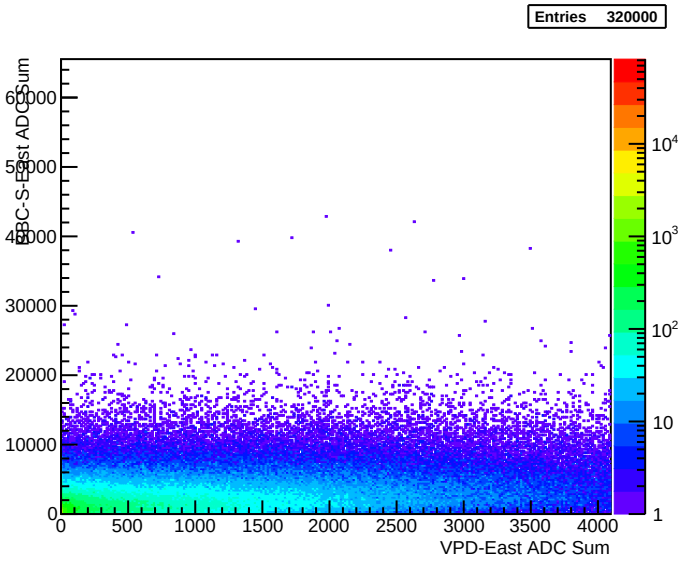

Entries 320000
TOF Mult
VPD-West ADC Sum

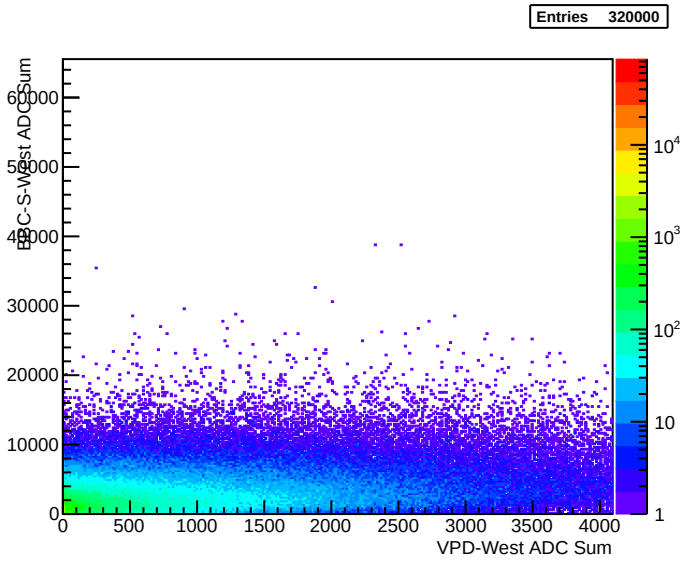

Entries 320000
TOF Mult
ZDC-East ADC Sum Att

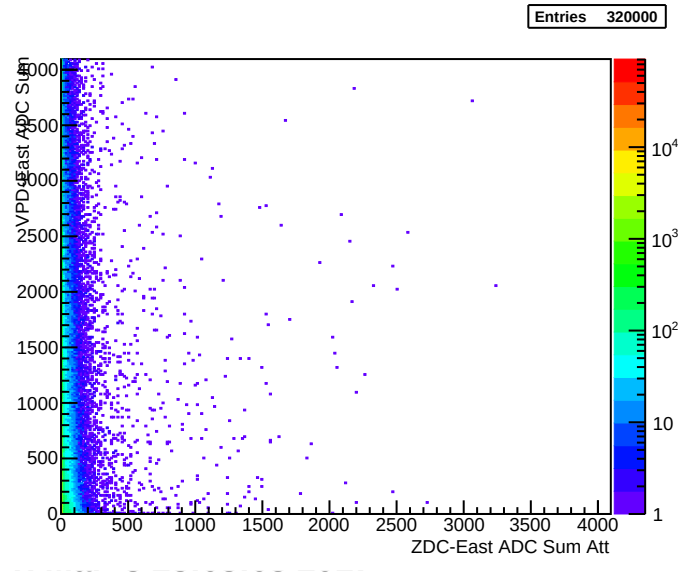

Entries 320000
TOF Mult
ZDC-West ADC Sum Att

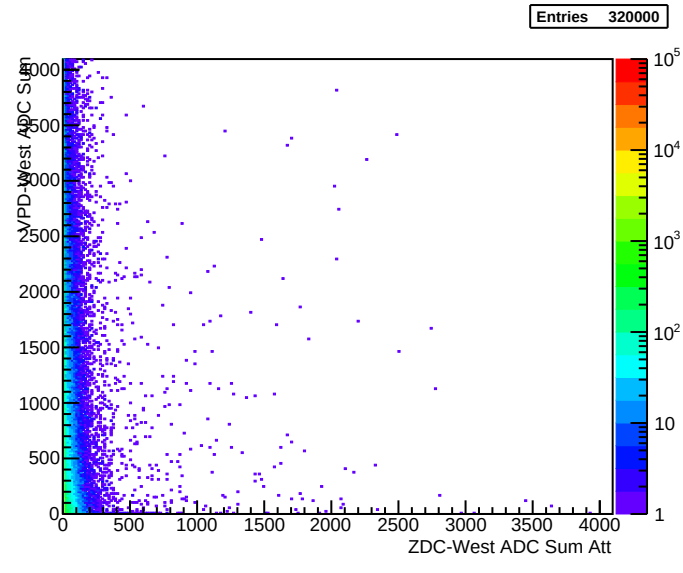

Entries 320000
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

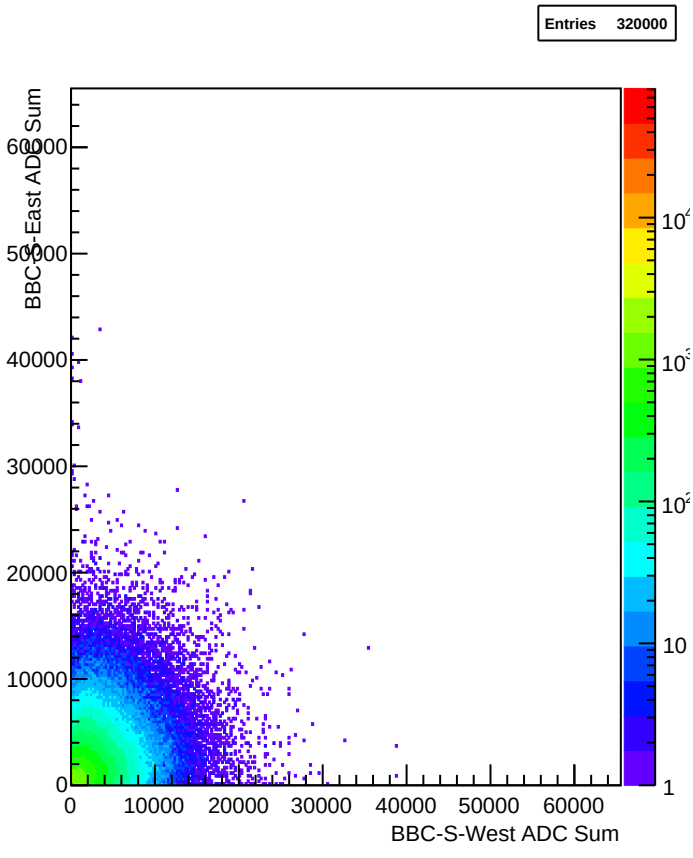

Entries 320000
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

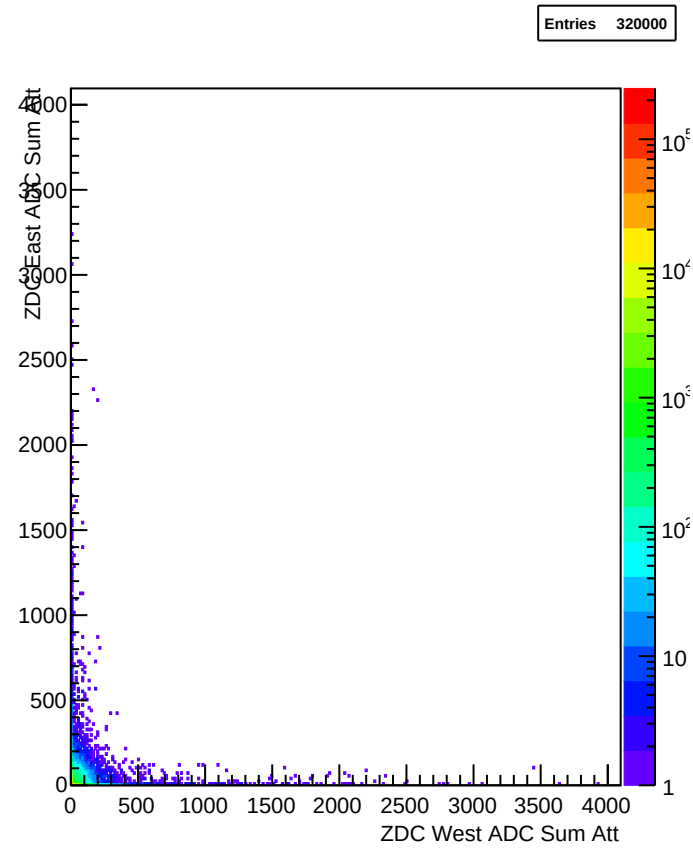

Entries 320000
BBC-S-East ADC Sum
VPD-East ADC Sum

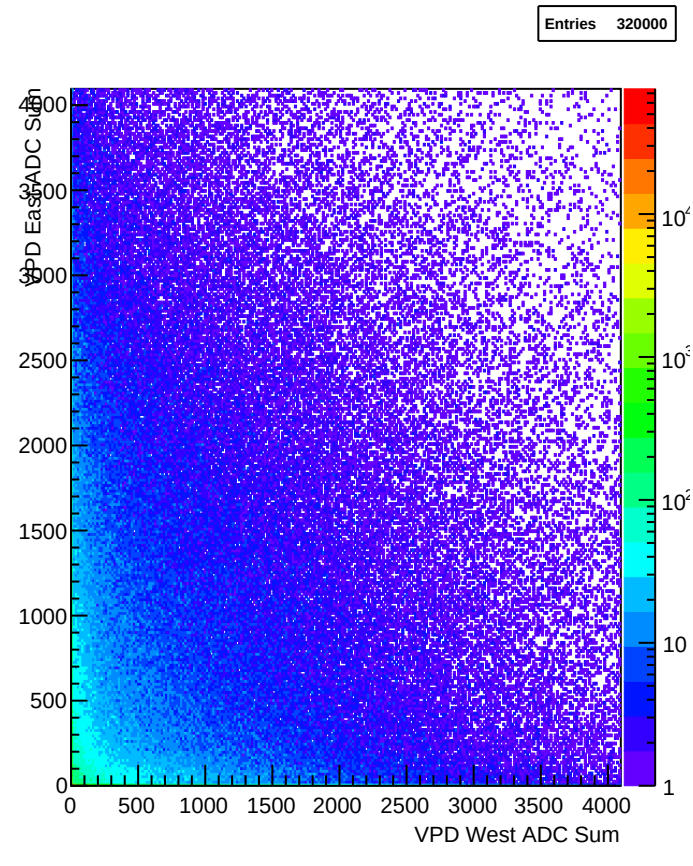

Entries 320000
BBC-S-West ADC Sum
VPD-West ADC Sum

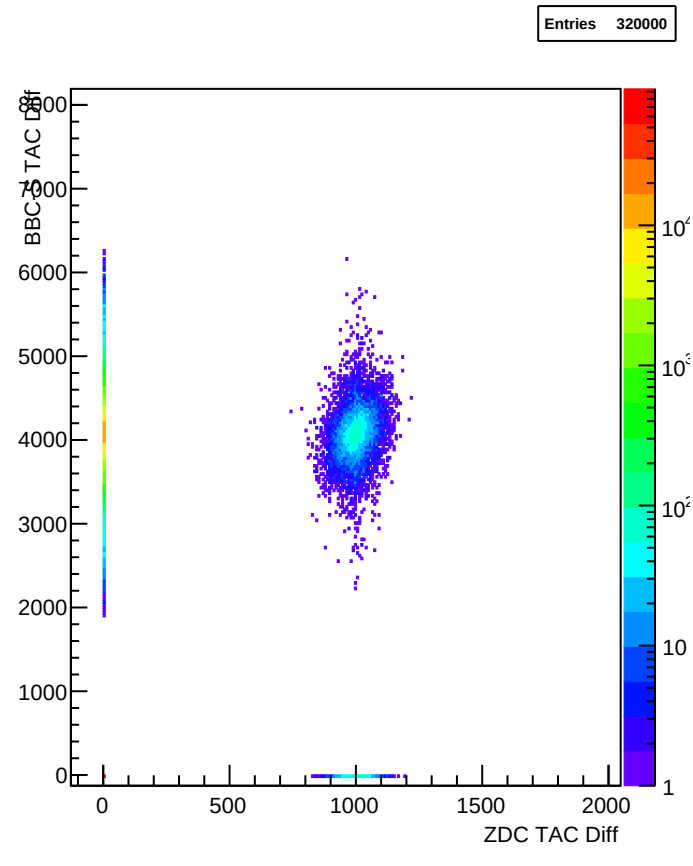

Entries 320000
VPD-East ADC Sum
ZDC-East ADC Sum Att

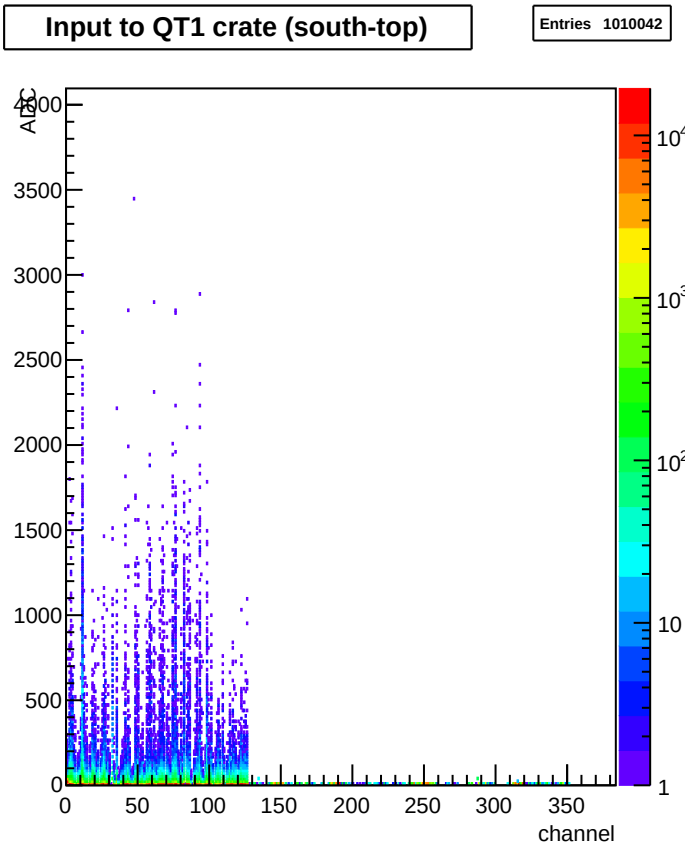

Entries 320000
VPD-West ADC Sum
ZDC-West ADC Sum Att

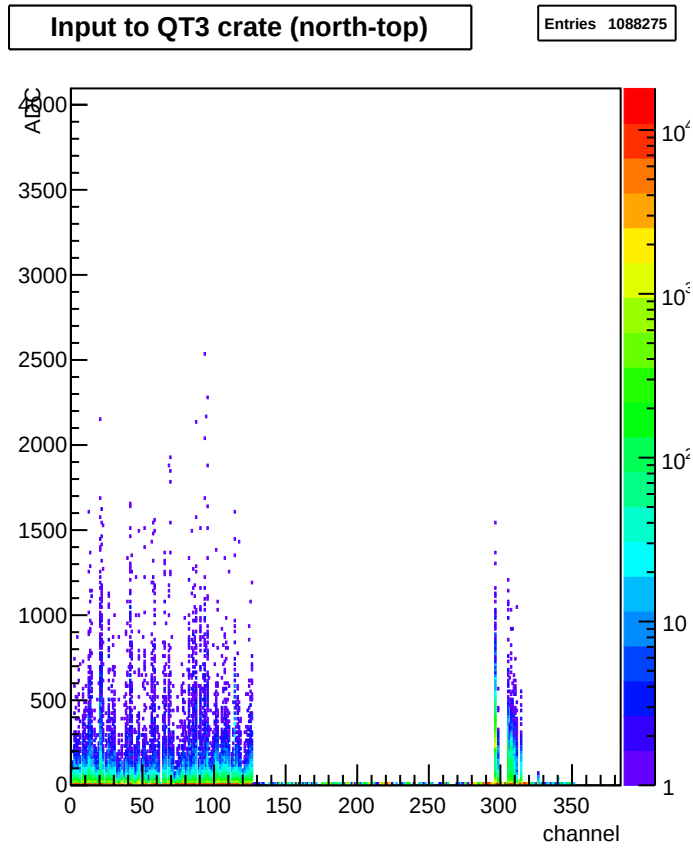

Entries 320000
BBC-S-East ADC Sum
BBC-S-West ADC Sum

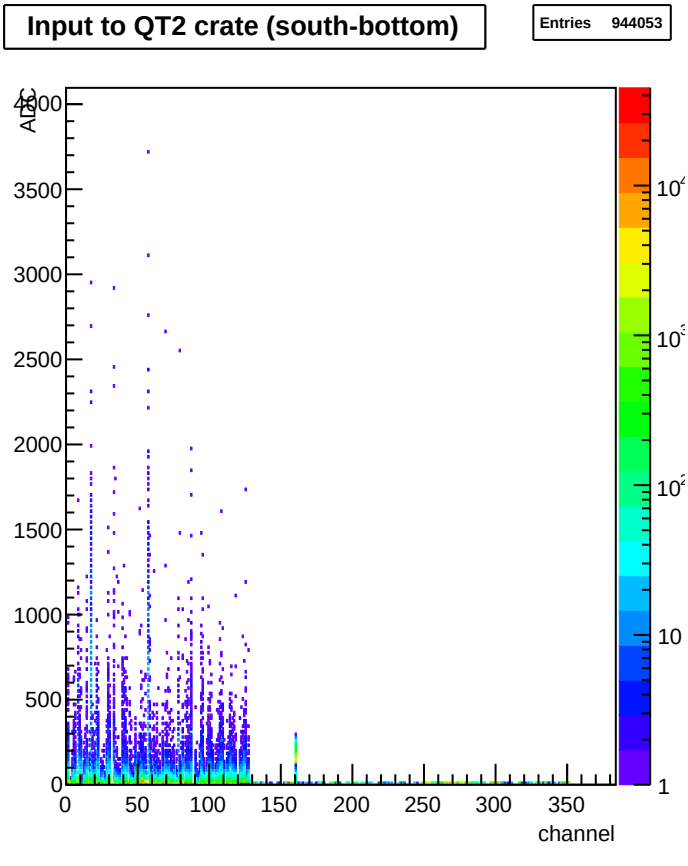

Entries 320000
ZDC East ADC Sum Att
ZDC West ADC Sum Att

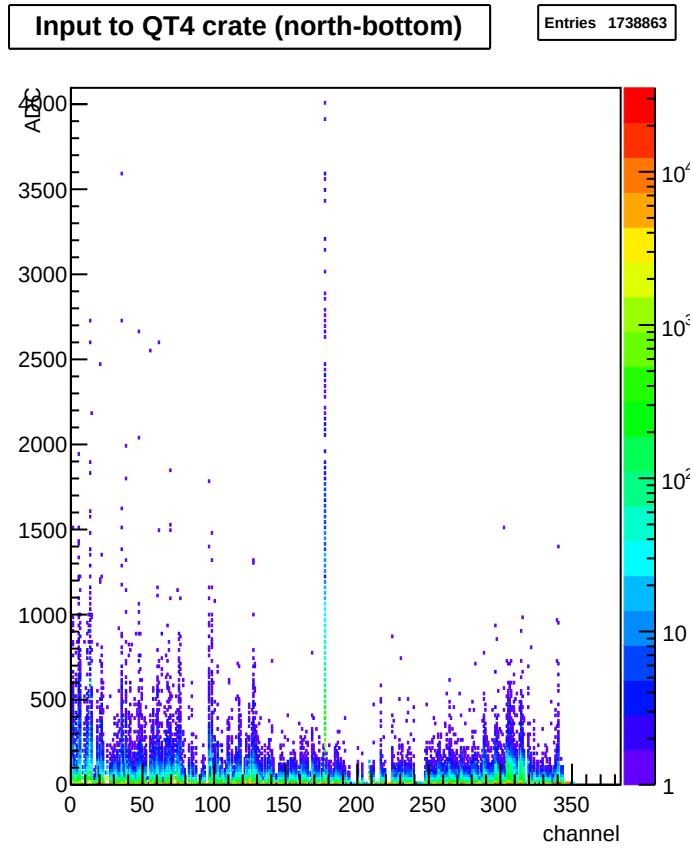

Entries 320000
VPD East ADC Sum
VPD West ADC Sum

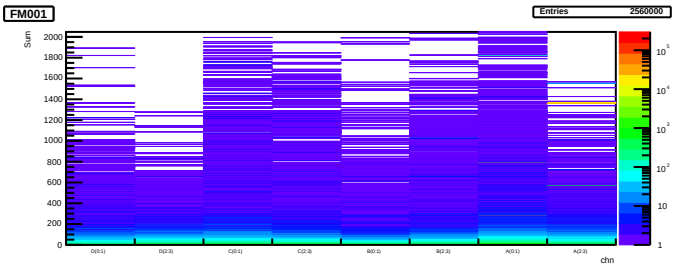

Entries 320000
BBC-S TAC Diff
ZDC TAC Diff

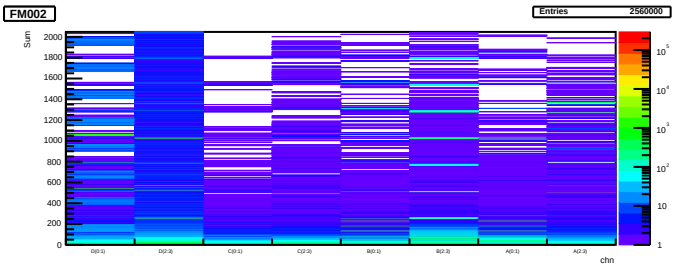

Input to QT1 crate (south-top)
Entries 1010042
ADC
channel

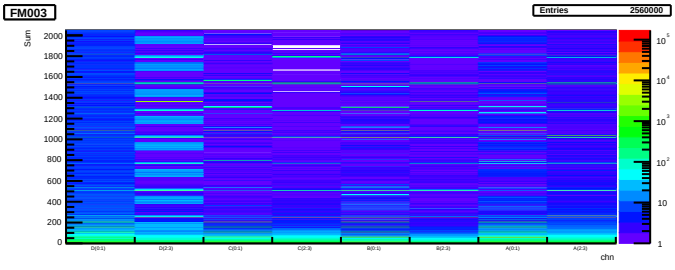

Input to QT3 crate (north-top)
Entries 1088275
ADC
channel

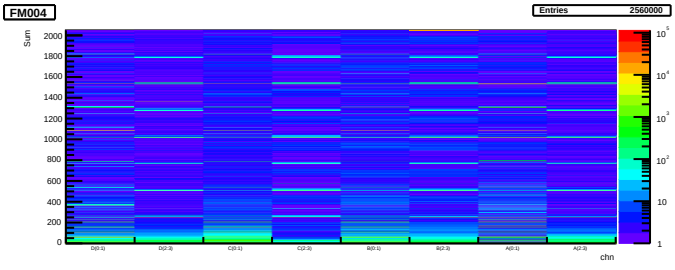

Input to QT2 crate (south-bottom)
Entries 944053
ADC
channel

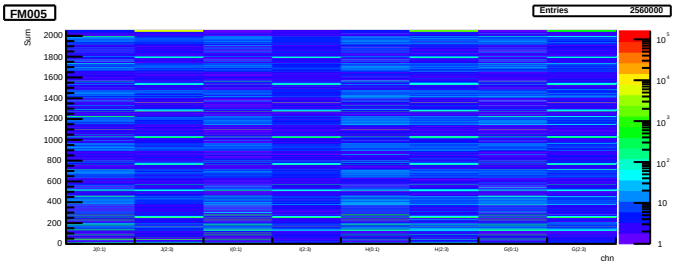

Input to QT4 crate (north-bottom)
Entries 1738863
ADC
channel

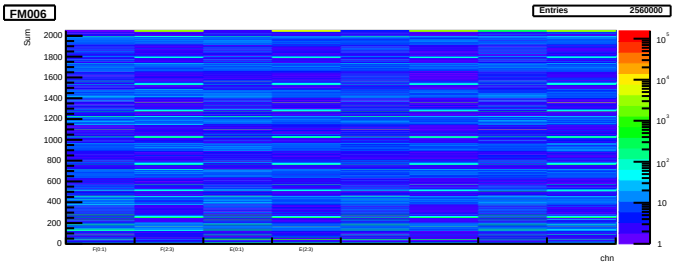

FM001
Entries 2560000
Sum
chn

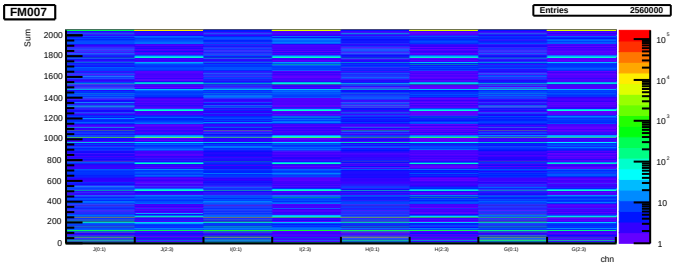

FM002
Entries 2560000
Sum
chn

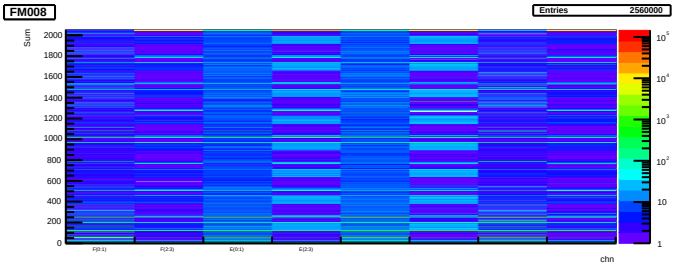

FM003
Entries 2560000
Sum
chn

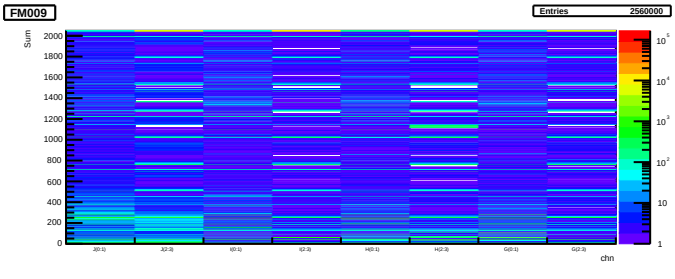

FM004
Entries 2560000
Sum
chn

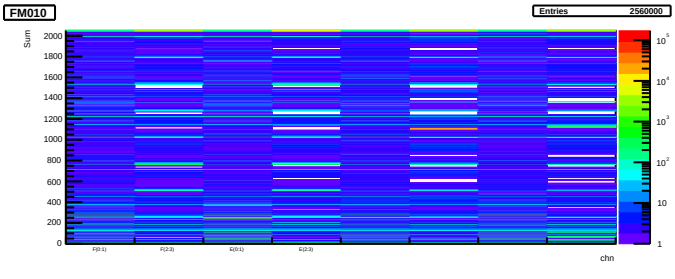

FM005
Entries 2560000
Sum
chn

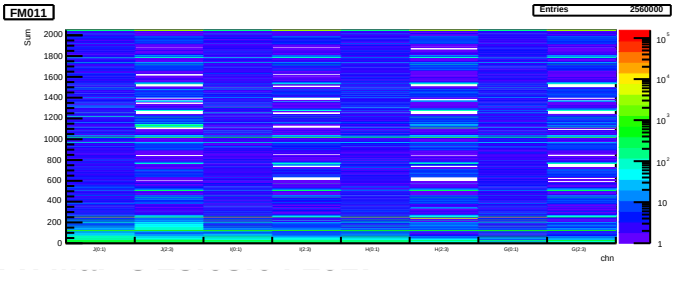

FM006
Entries 2560000
Sum
chn

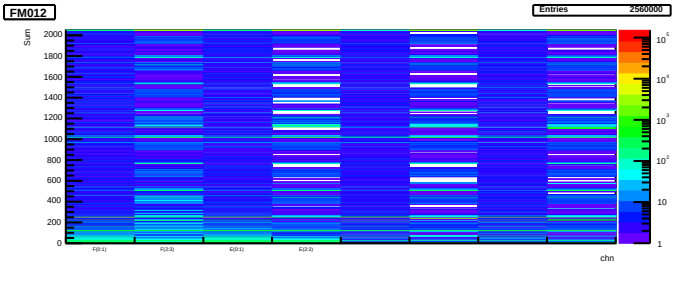

FM007
Entries 2560000
Sum
chn

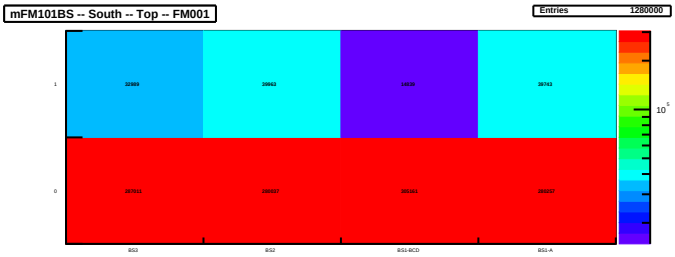

FM008
Entries 2560000
Sum
chn

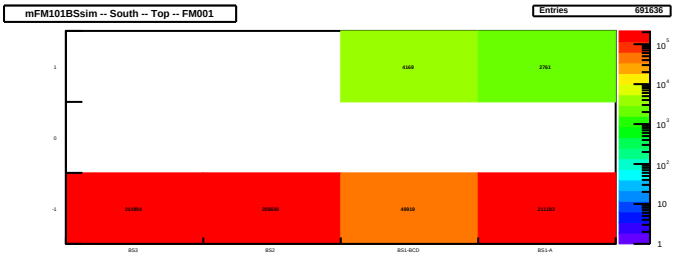

FM009
Entries 2560000
Sum
chn


FM010
Entries 2560000
Sum
chn


FM011
Entries 2560000
Sum
chn


FM012
Entries 2560000
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 1280000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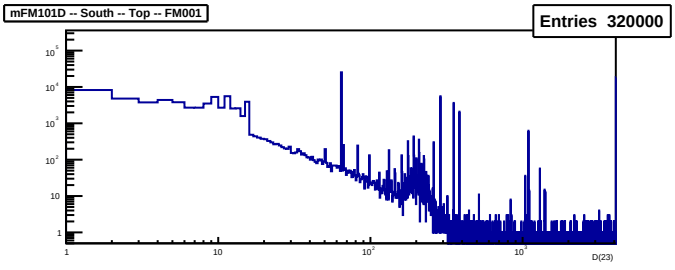
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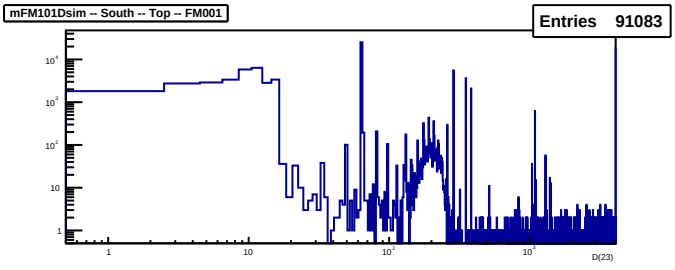
Entries 320000
D(23)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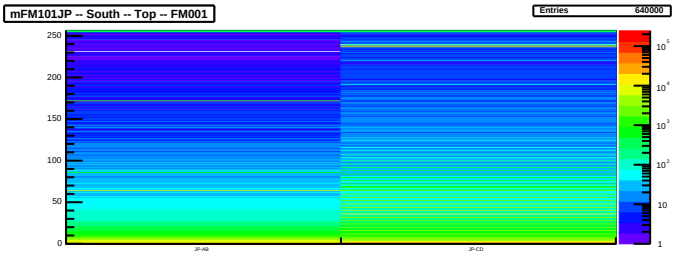
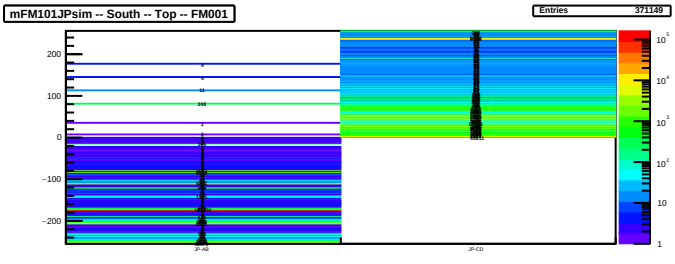
Entries 91083
D(23)


mFM101JP -- South -- Top -- FM001
Entries 640000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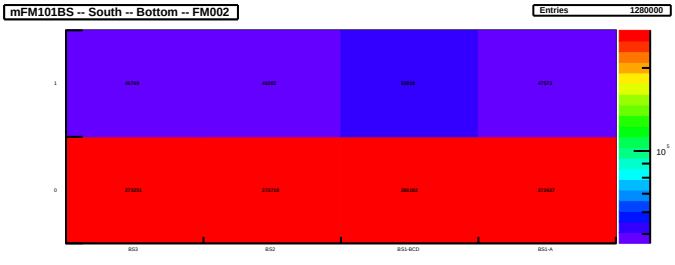
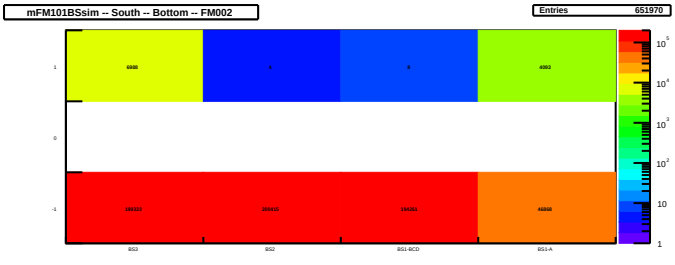
Entries 371149


mFM101BS -- South -- Bottom -- FM002
Entries 1280000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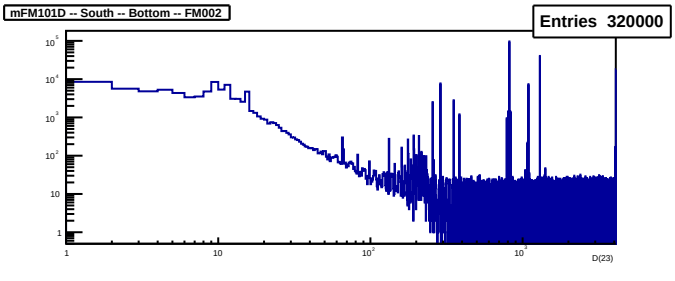
Entries 651970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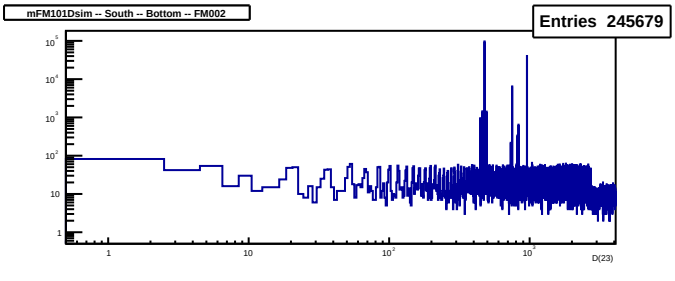
Entries 320000
D(23)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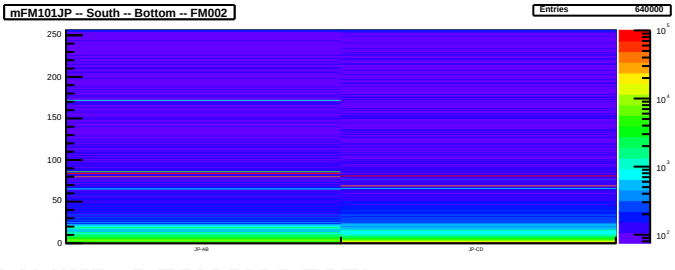
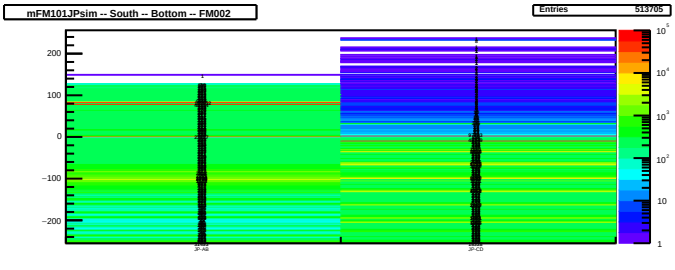
Entries 245679
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 640000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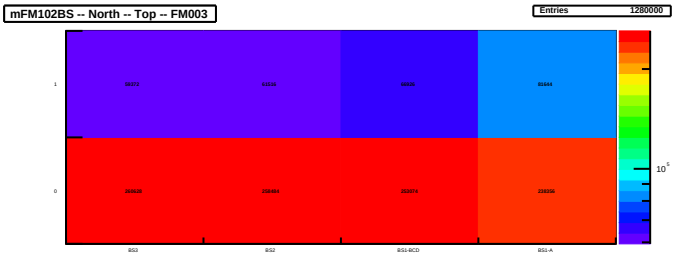
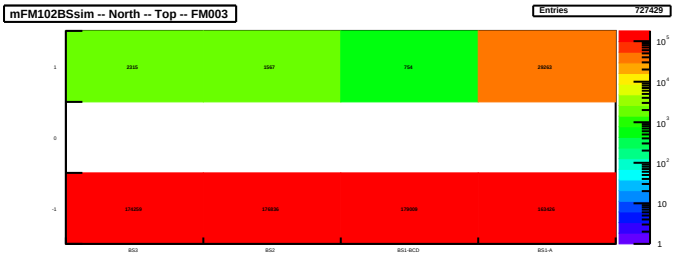
Entries 513705


mFM102BS -- North -- Top -- FM003
Entries 1280000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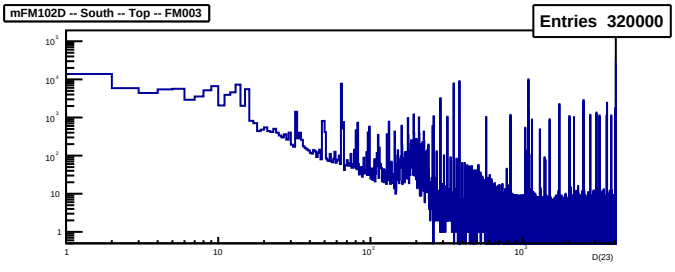
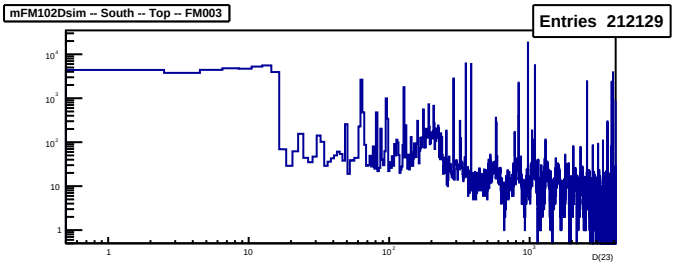
Entries 727429


mFM102D -- South -- Top -- FM003
Entries 320000
D(23)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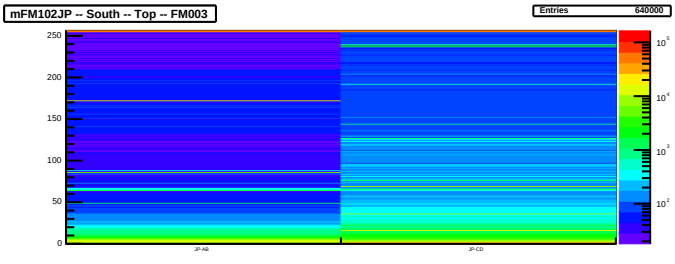
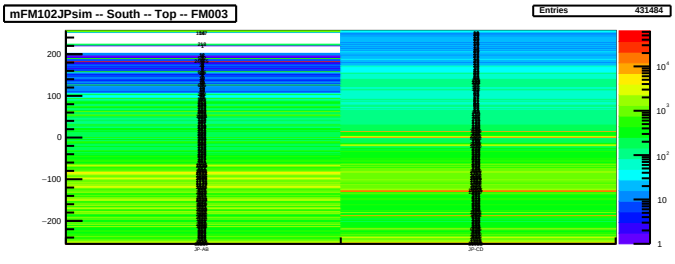
Entries 212129
D(23)


mFM102JP -- South -- Top -- FM003
Entries 640000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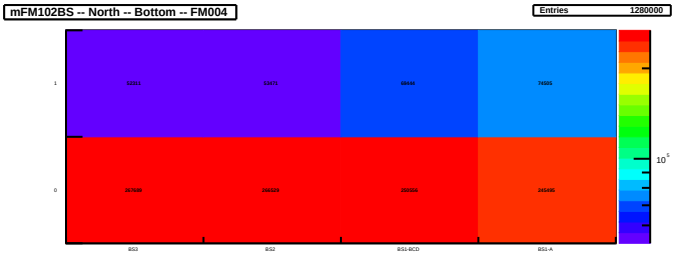
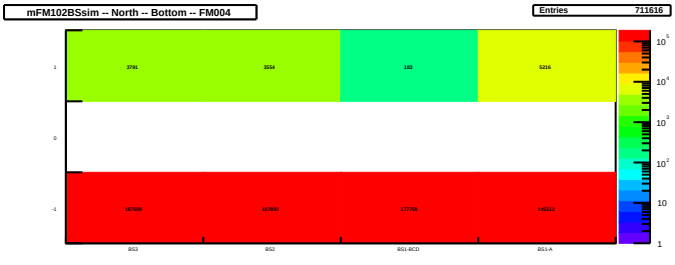

mFM102BS -- North -- Bottom -- FM004
Entries 1280000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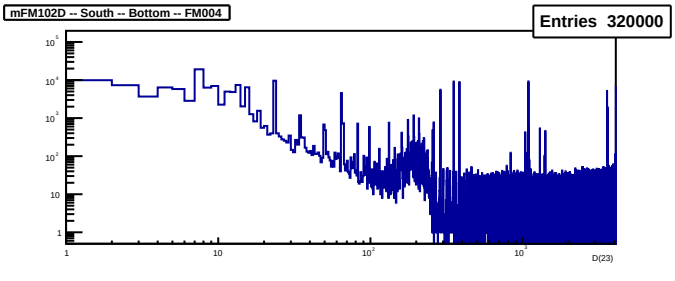
Entries 711616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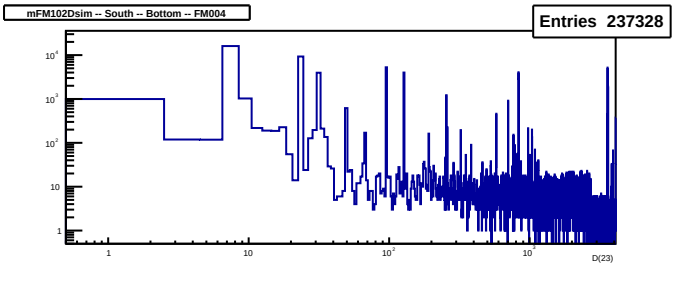
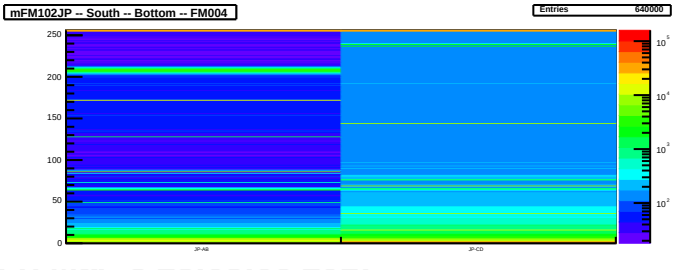
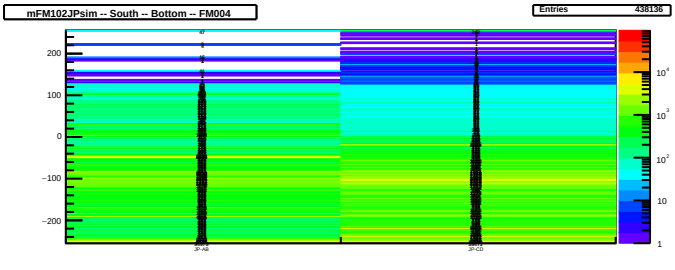
Entries 320000
D(23)


mFM102Dsim -- South -- Bottom -- FM004
Entries 237328
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 640000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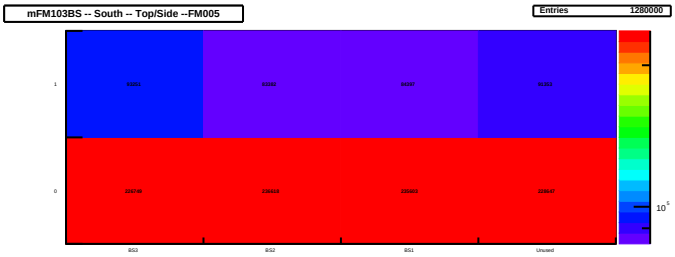
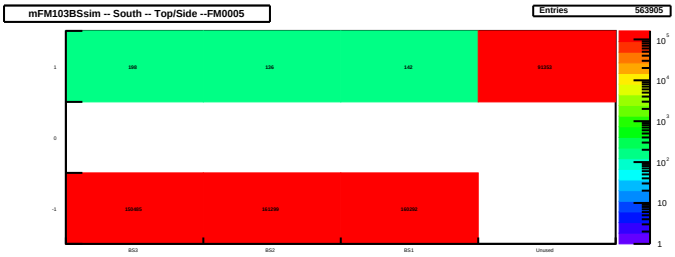
Entries 438136


mFM103BS -- South -- Top/Side --FM005
Entries 1280000
BS3
BS2
BS1
Unused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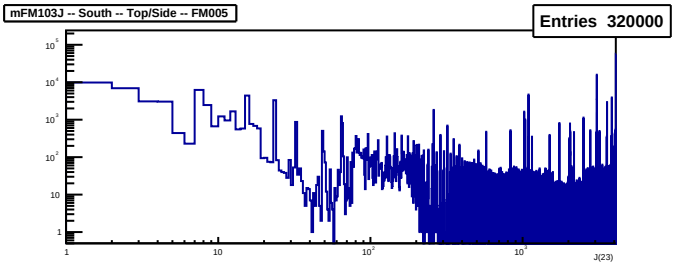
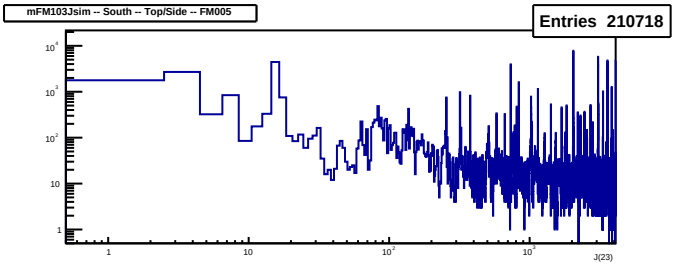
Entries 563905
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 320000
J(23)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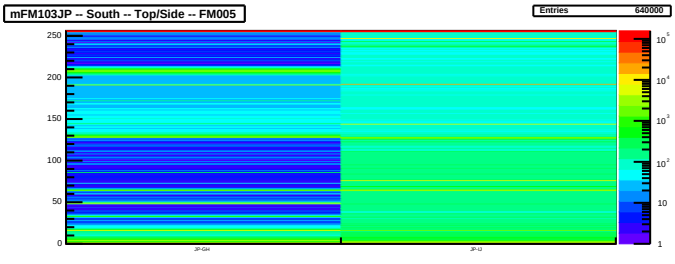
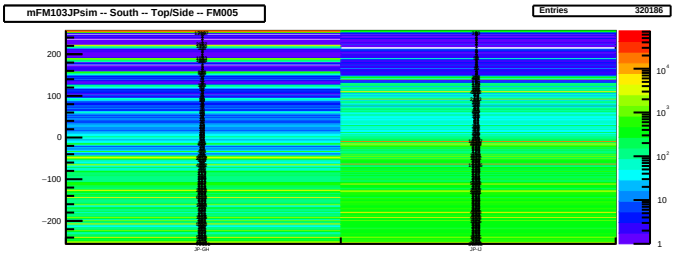
Entries 210718
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 640000
JP-GH
JP-IJ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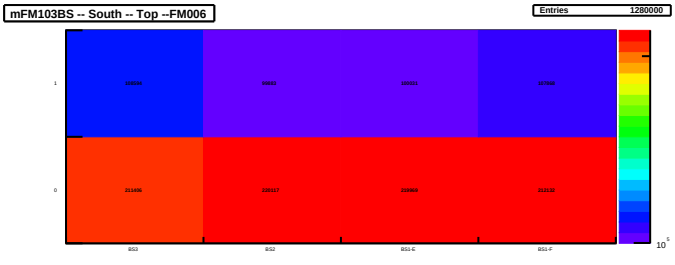
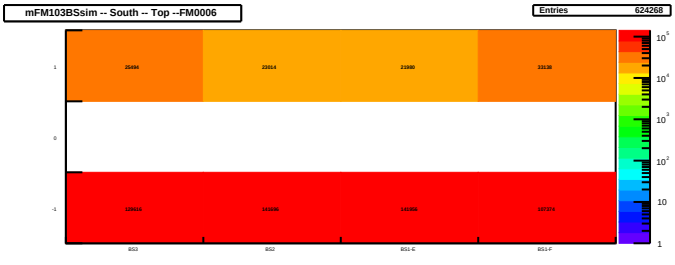
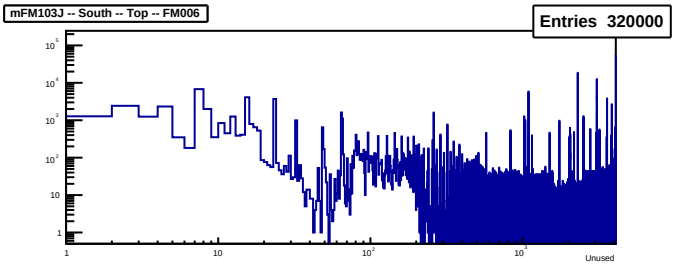
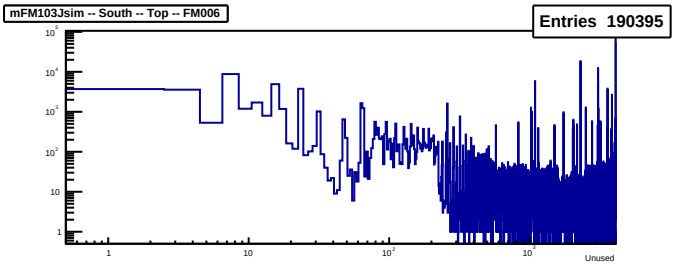
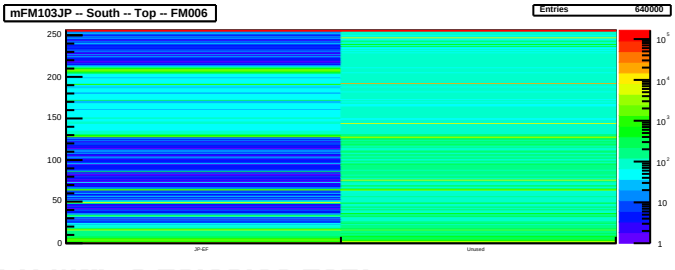
Entries 320186
JP-GH
JP-IJ


mFM103BS -- South -- Top --FM006
Entries 1280000
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 624268
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 320000
Unused


mFM103Jsim -- South -- Top -- FM006
Entries 190395
Unused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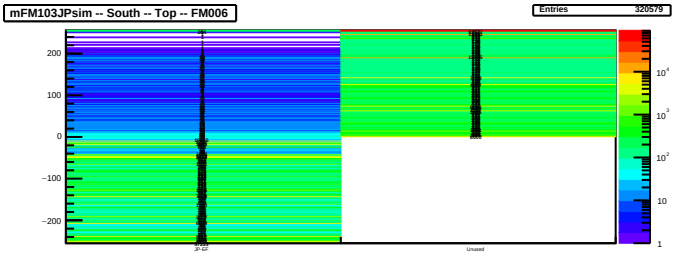
Entries 640000
JP-EF
Unused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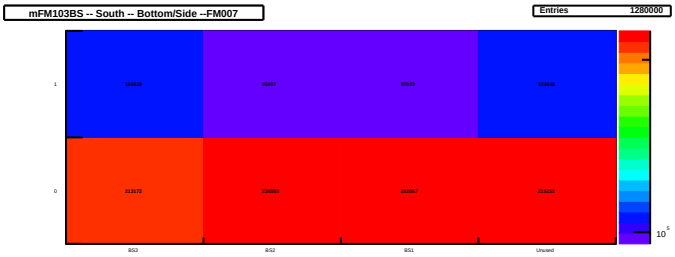
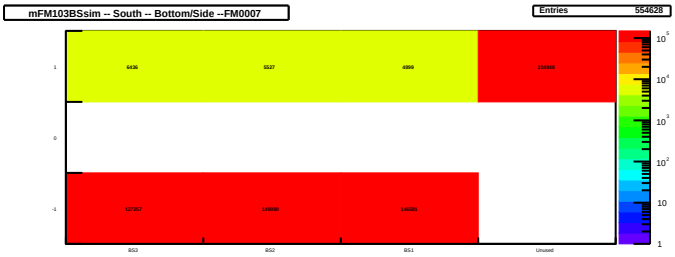
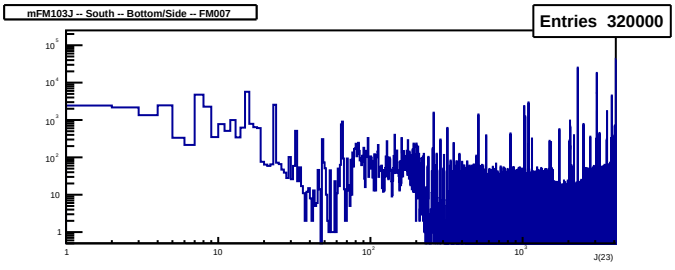
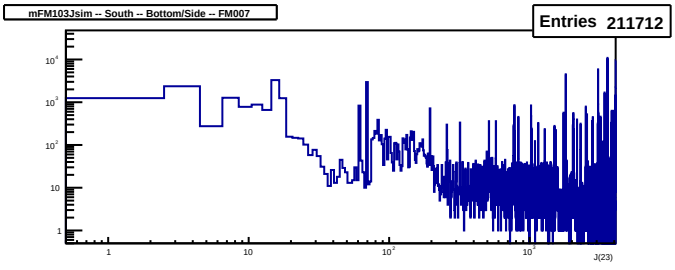
Entries 320579
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 1280000


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 554628


mFM103J -- South -- Bottom/Side -- FM007
Entries 320000
J(23)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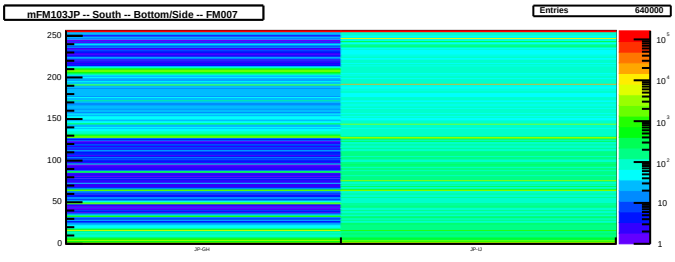
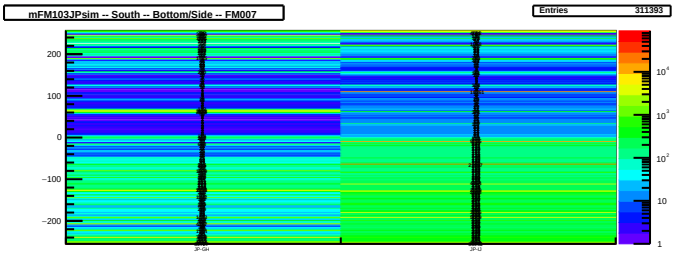
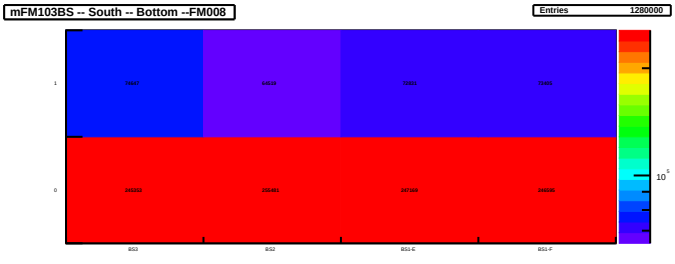
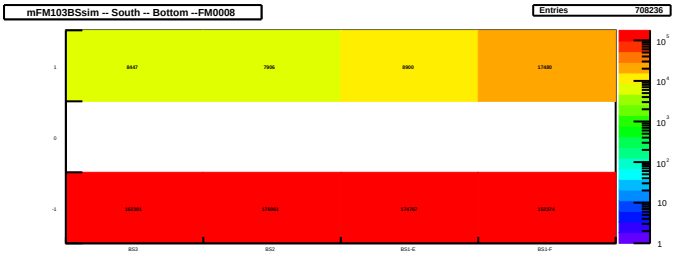
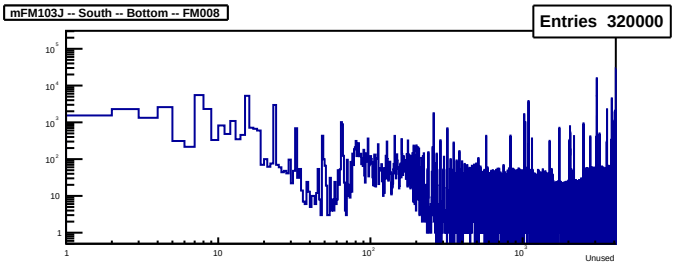
Entries 211712
J(23)

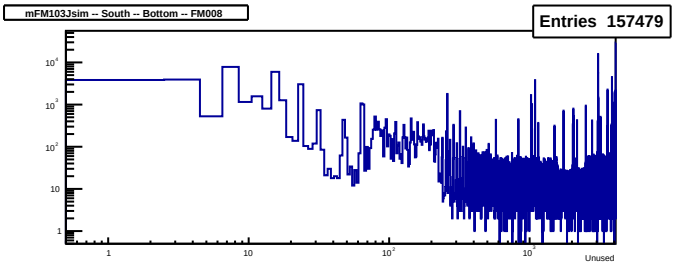

mFM103JP -- South -- Bottom/Side -- FM007
Entries 640000


mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 311393


mFM103BS -- South -- Bottom --FM008
Entries 1280000


mFM103BSsim -- South -- Bottom --FM0008
Entries 708236


mFM103J -- South -- Bottom -- FM008
Entries 320000
Unused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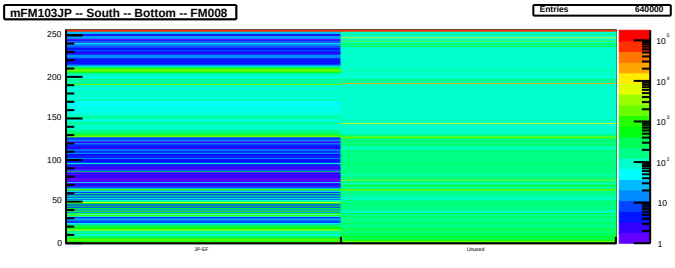
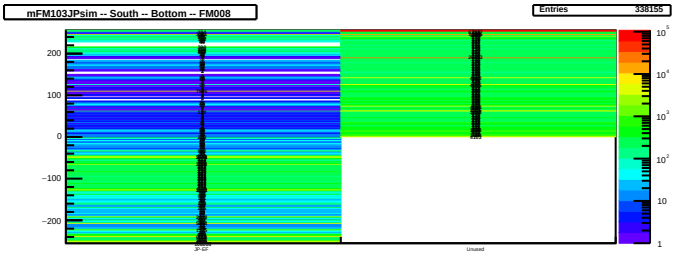
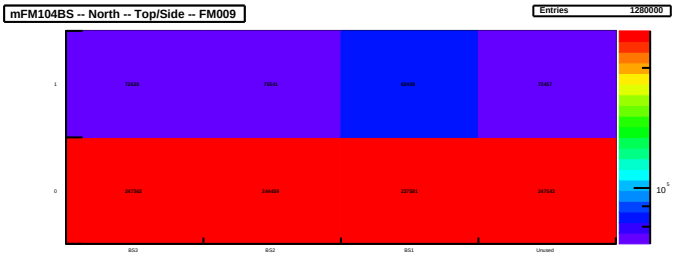
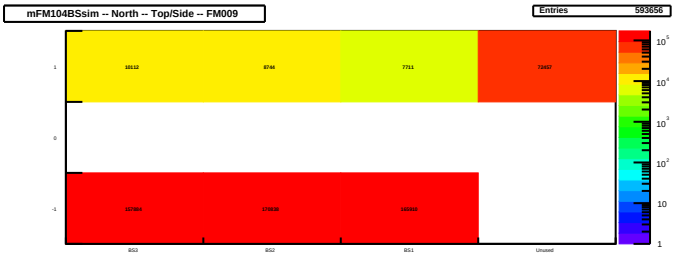
Entries 157479
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 640000


mFM103JPsim -- South -- Bottom -- FM008
Entries 338155


mFM104BS -- North -- Top/Side -- FM009
Entries 1280000
BS3
BS2
BS1
Unused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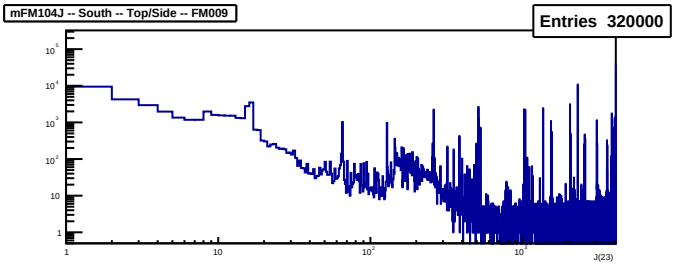
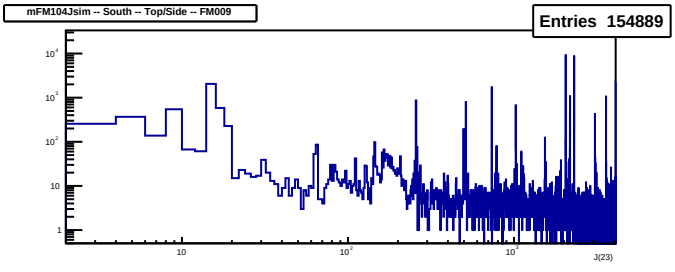
Entries 593656
BS3
BS2
BS1
Unused


mFM104J -- South -- Top/Side -- FM009
Entries 320000
J(23)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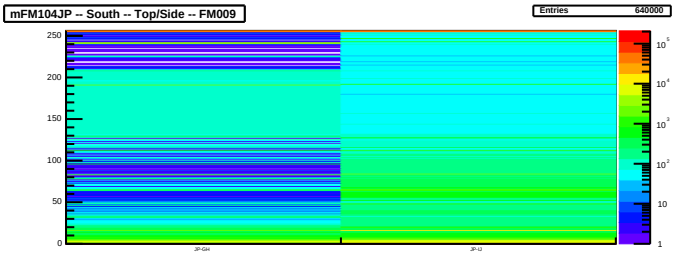
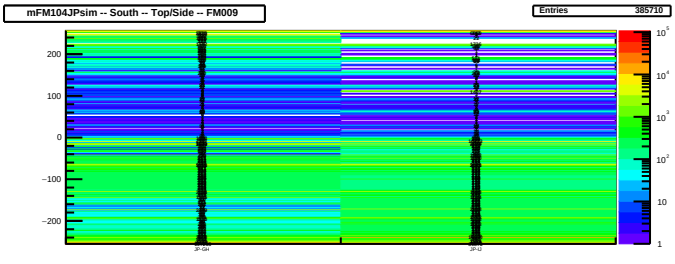
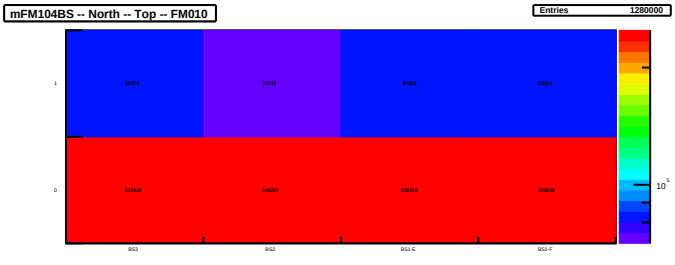
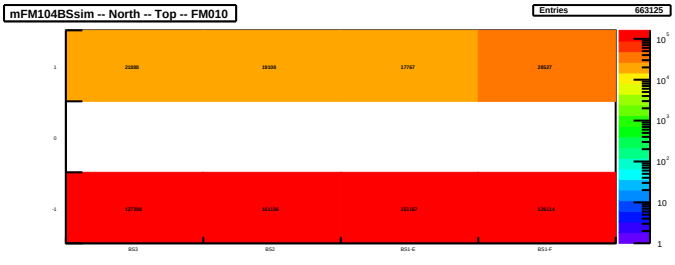
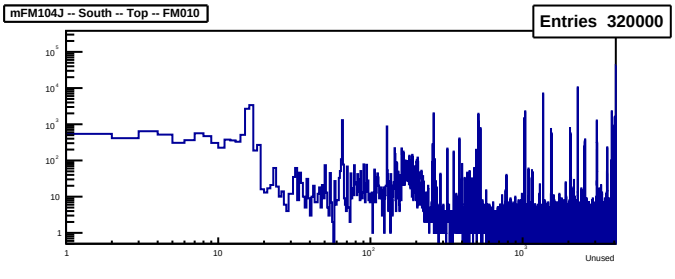
Entries 154889
J(23)

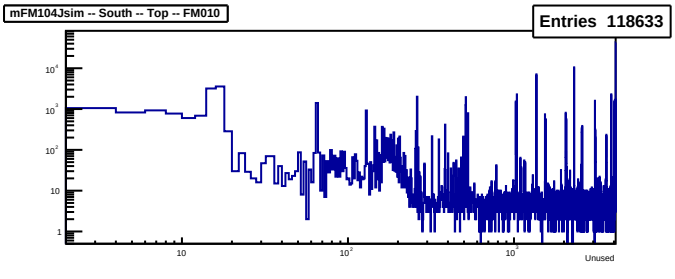

mFM104JP -- South -- Top/Side -- FM009
Entries 640000
JP-GH
JP-IJ

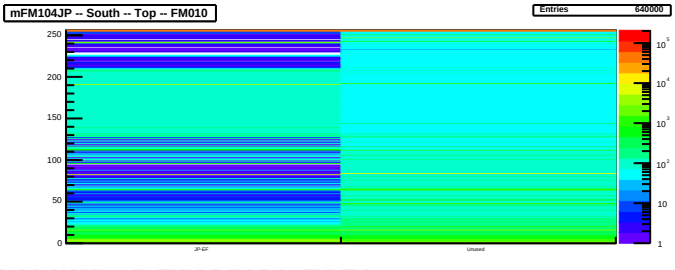

mFM104JPsim -- South -- Top/Side -- FM009
Entries 385710
JP-GH
JP-IJ

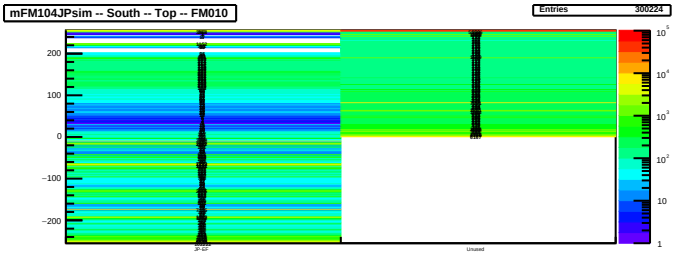

mFM104BS -- North -- Top -- FM010
Entries 1280000
BS3
BS2
BS1-E
BS1-F

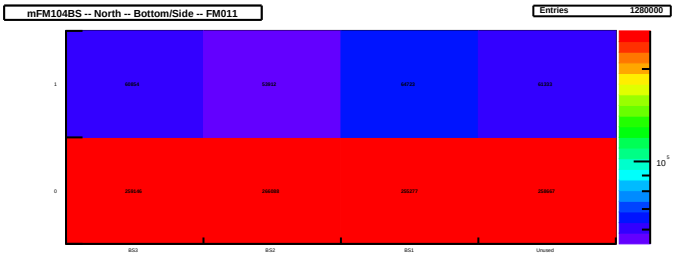

mFM104BSsim -- North -- Top -- FM010
Entries 663125
BS3
BS2
BS1-E
BS1-F

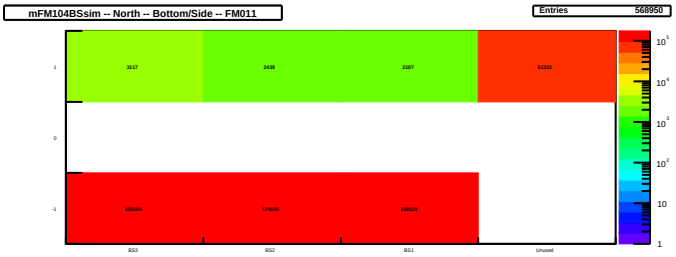

mFM104J -- South -- Top -- FM010
Entries 320000
Unused

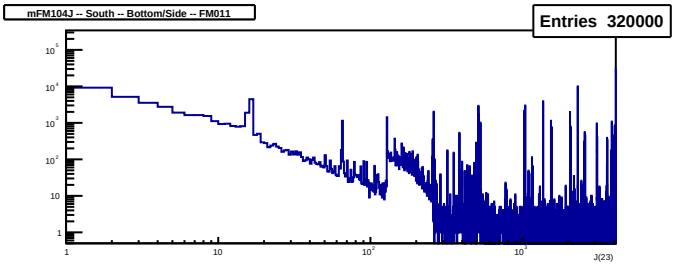

mFM104Jsim -- South -- Top -- FM010
Entries 118633
Unused

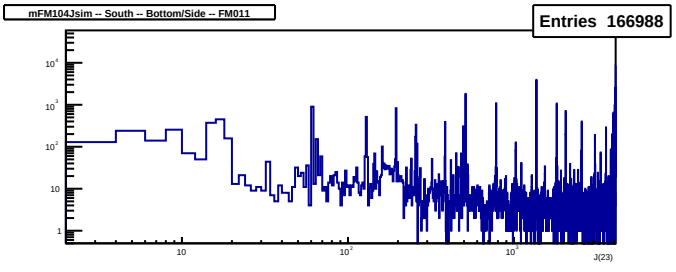

mFM104JP -- South -- Top -- FM010
Entries 640000
JP-EF
Unused

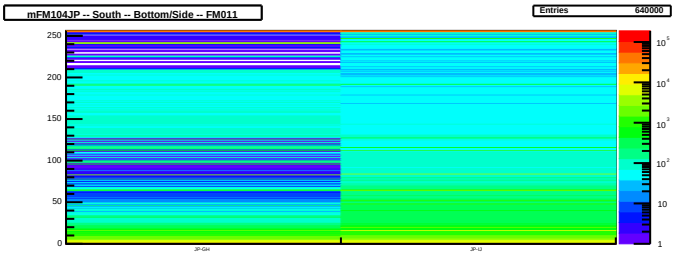

mFM104JPsim -- South -- Top -- FM010
Entries 300224
JP-EF
Unused

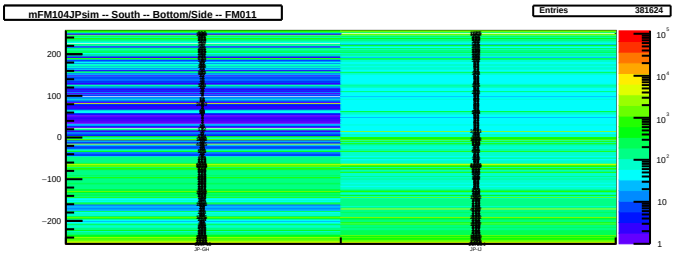

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1280000

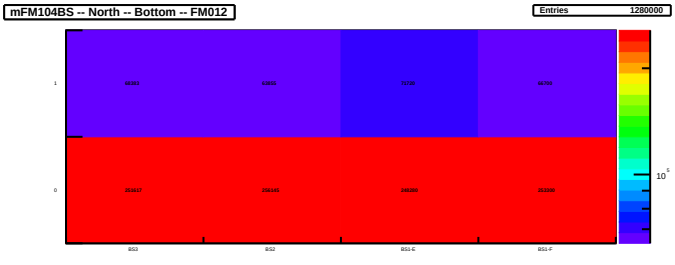

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 568950

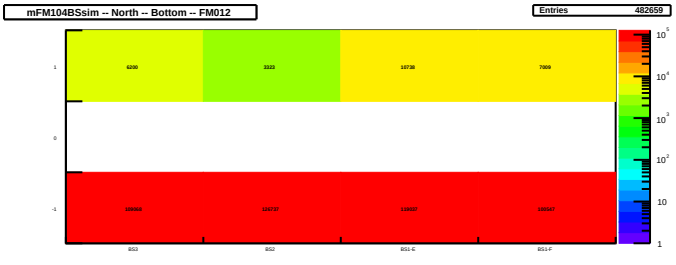

mFM104J -- South -- Bottom/Side -- FM011
Entries 320000
J(23)

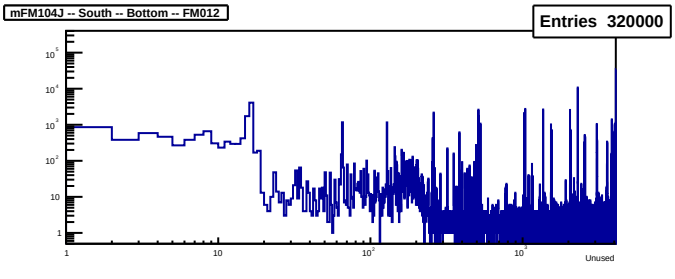

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 166988
J(23)

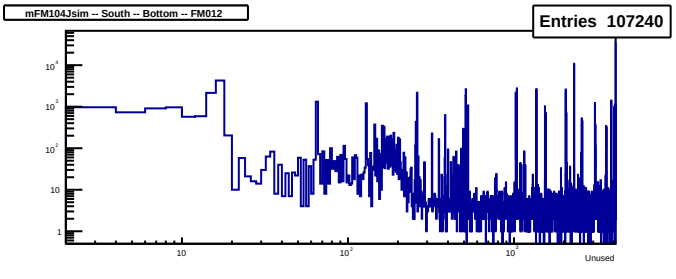

mFM104JP -- South -- Bottom/Side -- FM011
Entries 640000

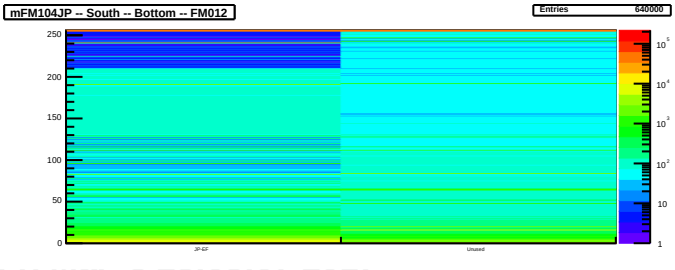

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 381624

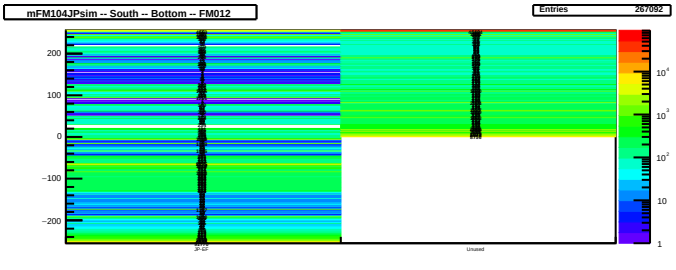

mFM104BS -- North -- Bottom -- FM012
Entries 1280000

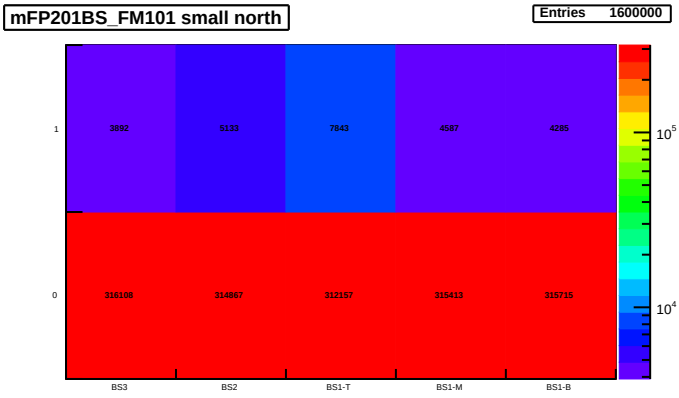

mFM104BSsim -- North -- Bottom -- FM012
Entries 482659

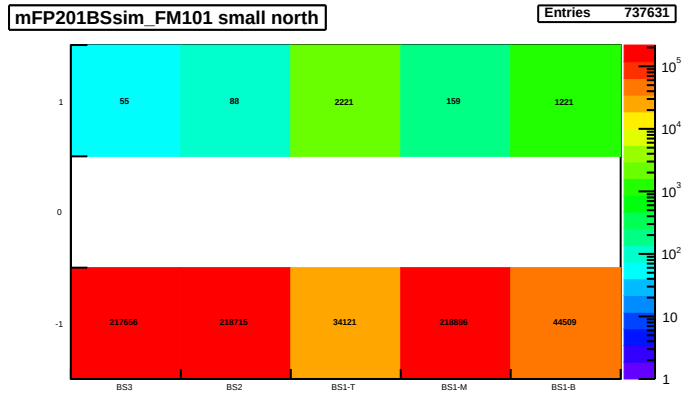

mFM104J -- South -- Bottom -- FM012
Entries 320000
Unused

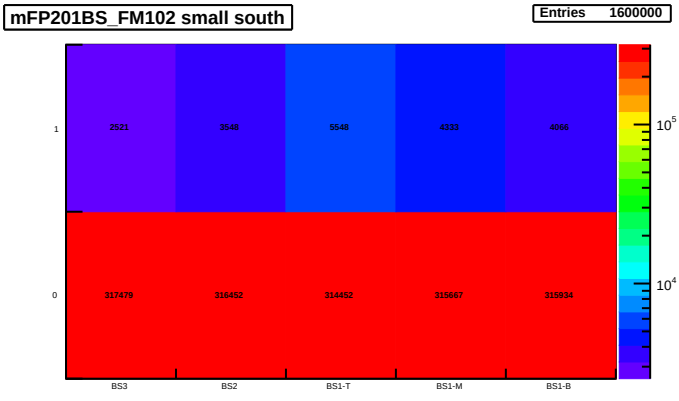

mFM104Jsim -- South -- Bottom -- FM012
Entries 107240
Unused

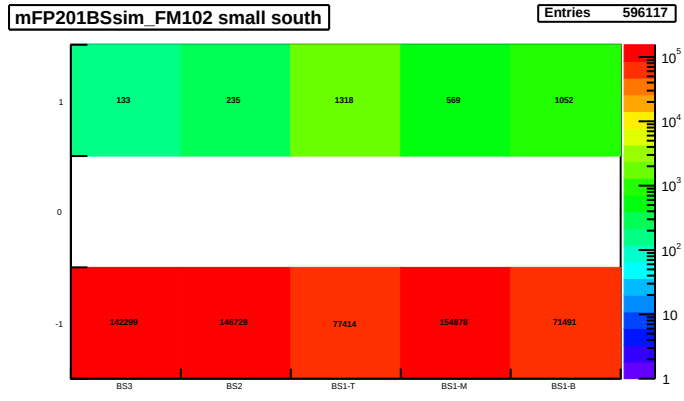

mFM104JP -- South -- Bottom -- FM012
Entries 640000

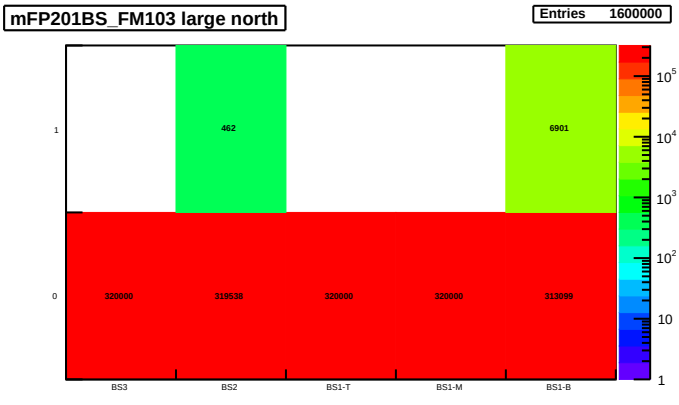

mFM104JPsim -- South -- Bottom -- FM012
Entries 267092

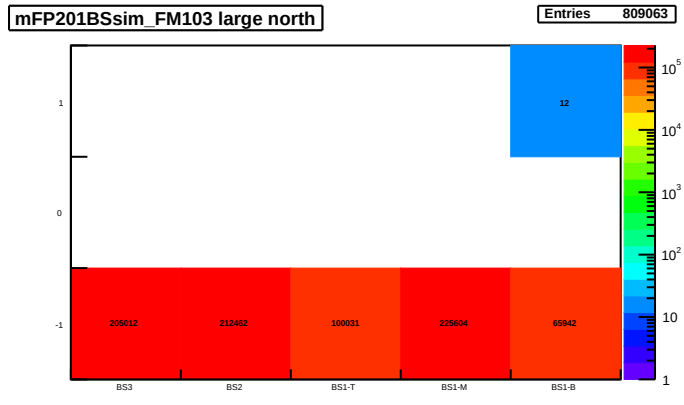

mFP201BS_FM101 small north
Entries 1600000
3892
5133
7843
4587
4285
316108
314867
312157
315413
315715
BS3
BS2
BS1-T
BS1-M
BS1-B

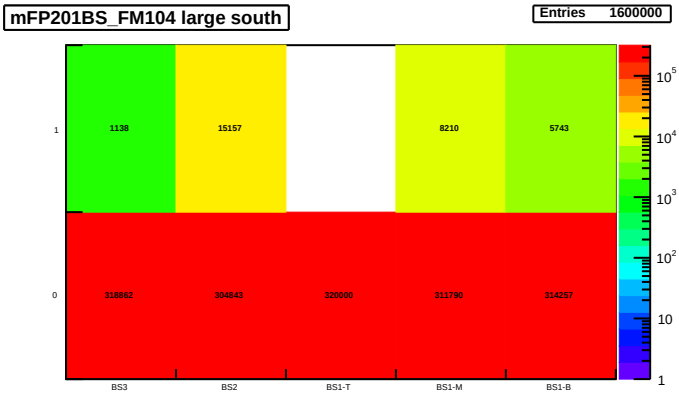

mFP201BSsim_FM101 small north
Entries 737631
55
88
2221
159
1221
217656
218715
34121
218886
44509
BS3
BS2
BS1-T
BS1-M
BS1-B

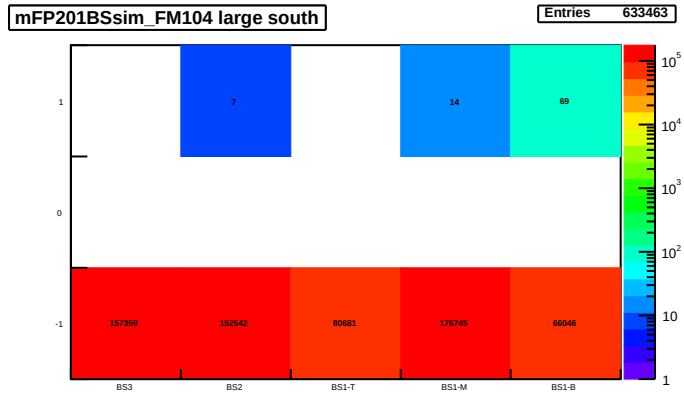

mFP201BS_FM102 small south
Entries 1600000
2521
3548
5548
4333
4066
317479
316452
314452
315667
315934
BS3
BS2
BS1-T
BS1-M
BS1-B

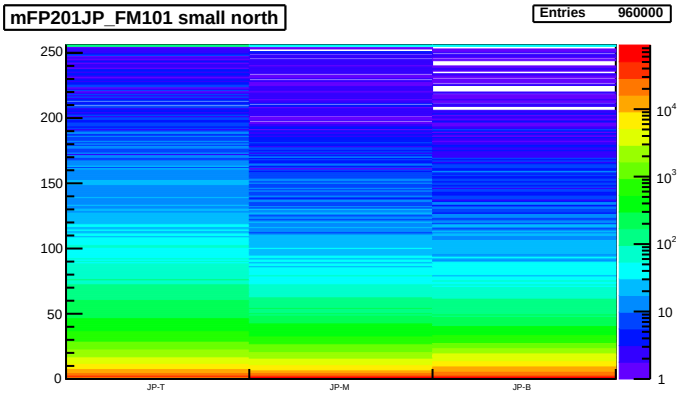

mFP201BSsim_FM102 small south
Entries 596117
133
235
1318
569
1052
142299
146728
77414
154878
71491
BS3
BS2
BS1-T
BS1-M
BS1-B

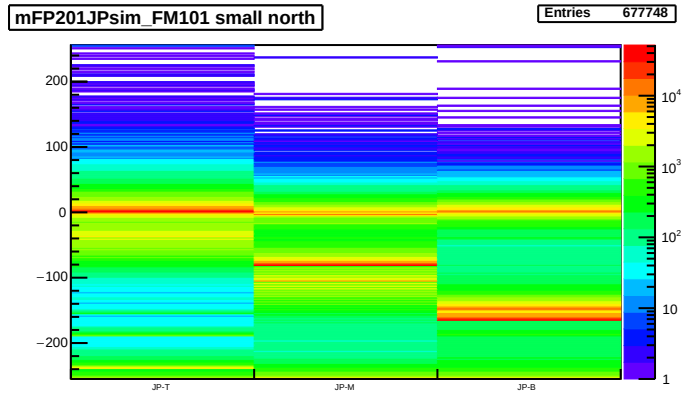

mFP201BS_FM103 large north
Entries 1600000
462
6901
320000
319538
320000
320000
313099
BS3
BS2
BS1-T
BS1-M
BS1-B

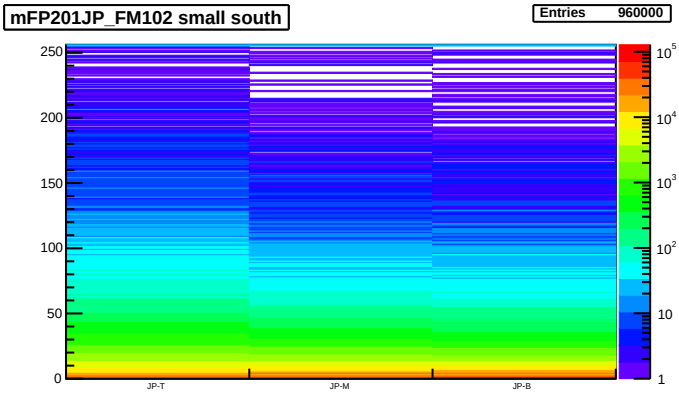

mFP201BSsim_FM103 large north
Entries 809063
12
205012
212462
100031
225604
65942
BS3
BS2
BS1-T
BS1-M
BS1-B

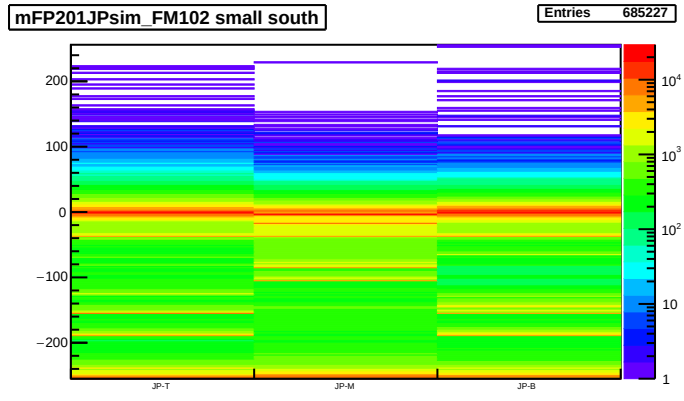

mFP201BS_FM104 large south
Entries 1600000
1138
15157
8210
5743
318862
304843
320000
311790
314257
BS3
BS2
BS1-T
BS1-M
BS1-B

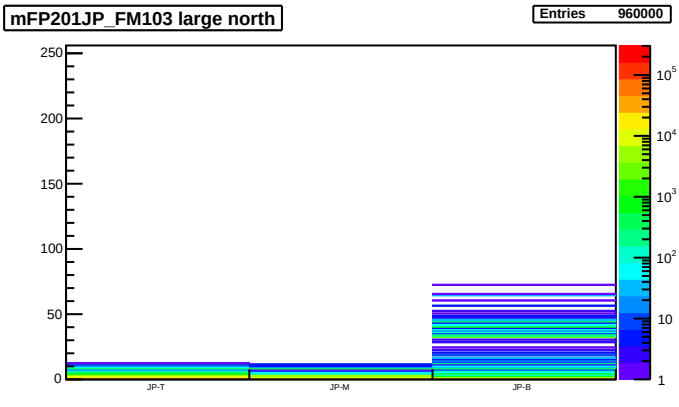

mFP201BSsim_FM104 large south
Entries 633463
7
14
69
157359
152542
80681
176745
66046
BS3
BS2
BS1-T
BS1-M
BS1-B

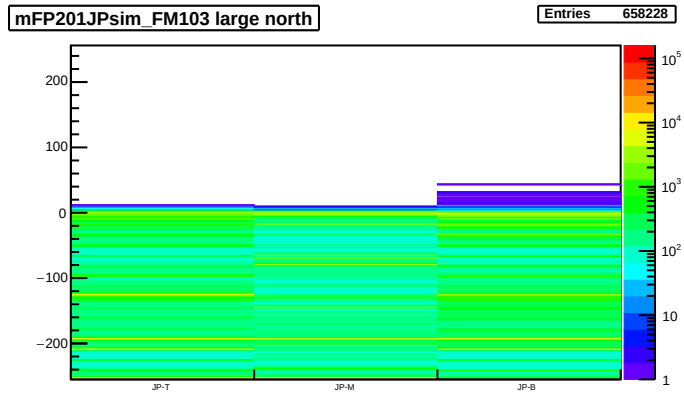

mFP201JP_FM101 small north
Entries 960000
JP-T
JP-M
JP-B

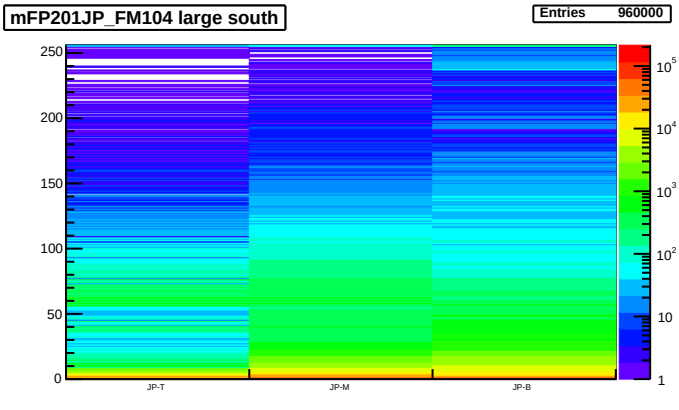

mFP201JPsim_FM101 small north
Entries 677748
JP-T
JP-M
JP-B

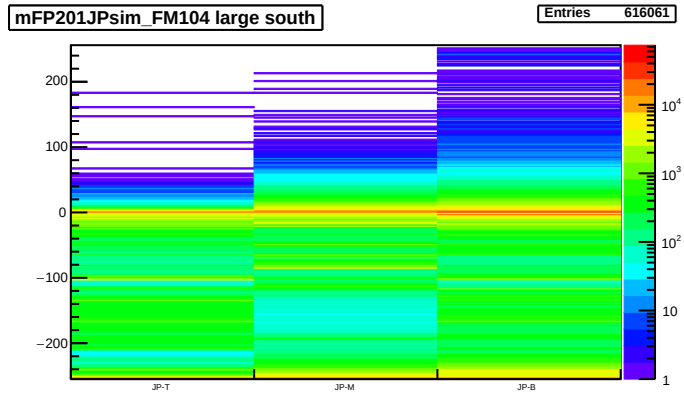

mFP201JP_FM102 small south
Entries 960000
JP-T
JP-M
JP-B

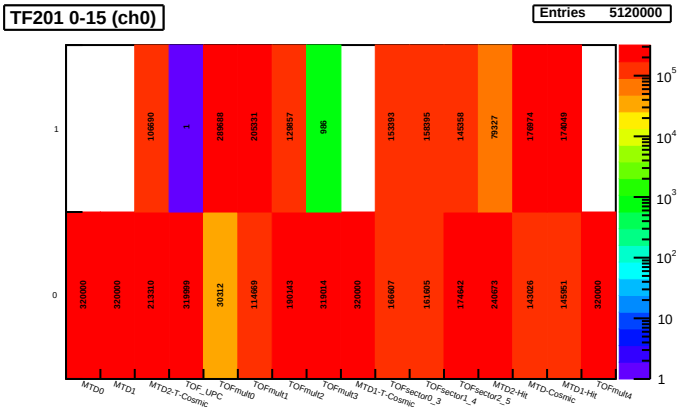

mFP201JPsim_FM102 small south
Entries 685227
JP-T
JP-M
JP-B

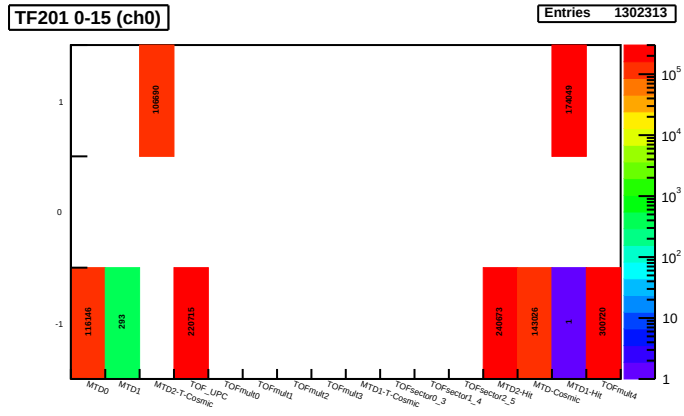

mFP201JP_FM103 large north
Entries 960000
JP-T
JP-M
JP-B

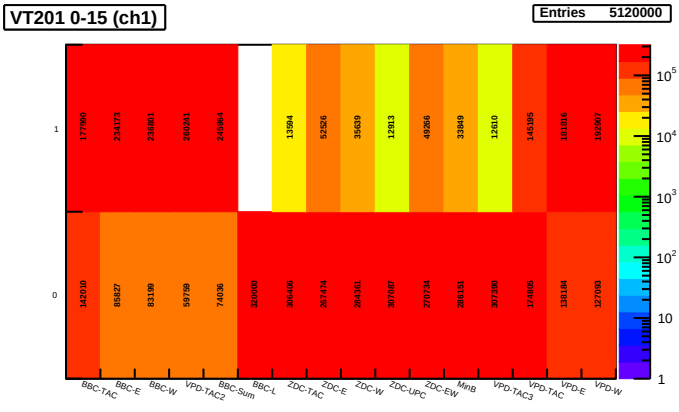

mFP201JPsim_FM103 large north
Entries 658228
JP-T
JP-M
JP-B

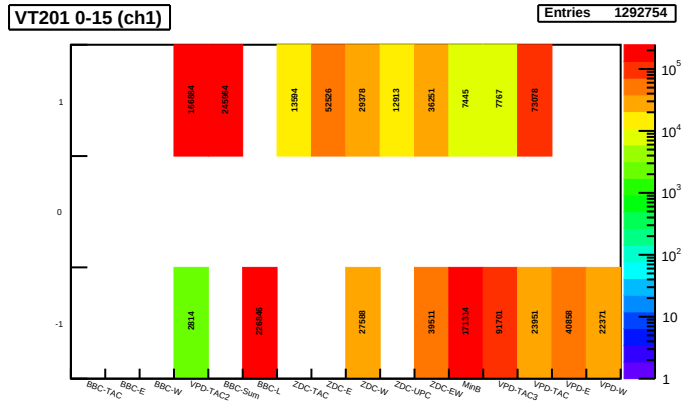

mFP201JP_FM104 large south
Entries 960000
JP-T
JP-M
JP-B

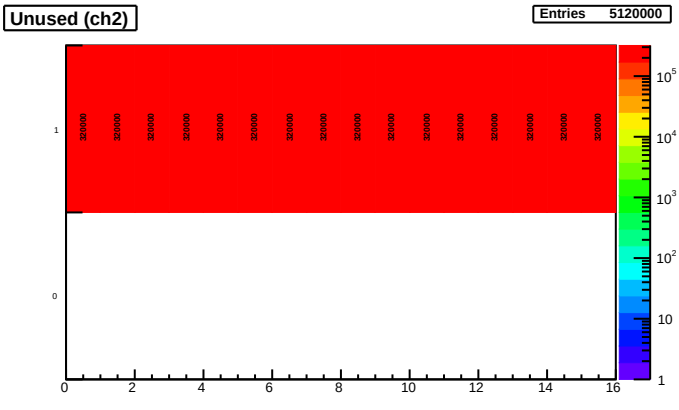

mFP201JPsim_FM104 large south
Entries 616061
JP-T
JP-M
JP-B

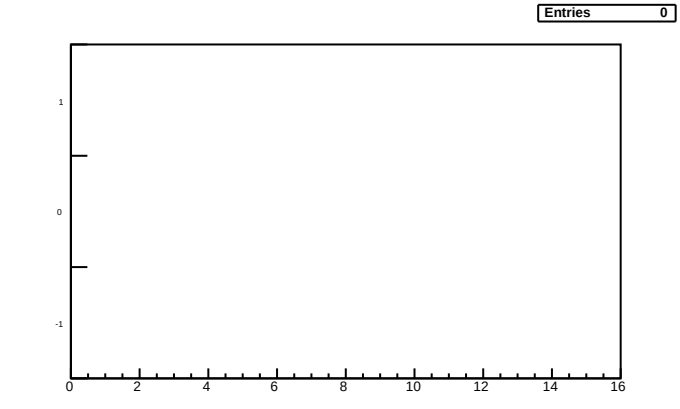

TF201 0-15 (ch0)
Entries 5120000
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

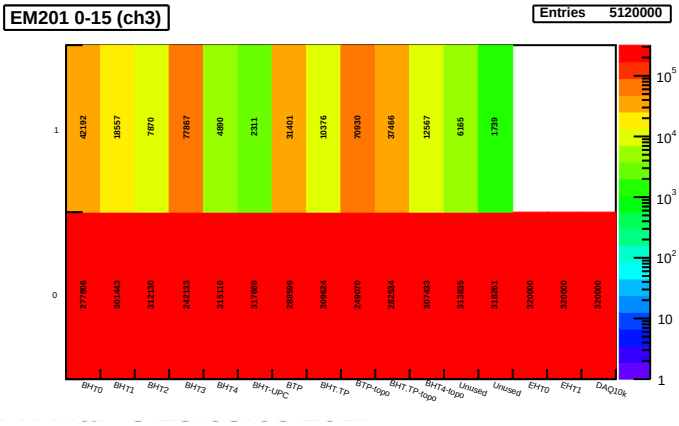

TF201 0-15 (ch0)
Entries 1302313
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

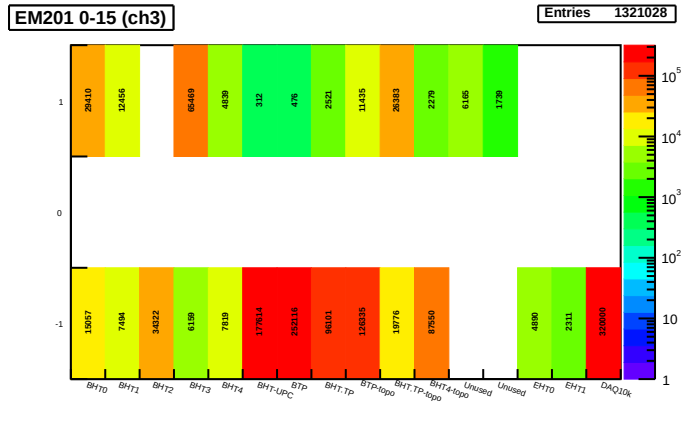

VT201 0-15 (ch1)
Entries 5120000
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

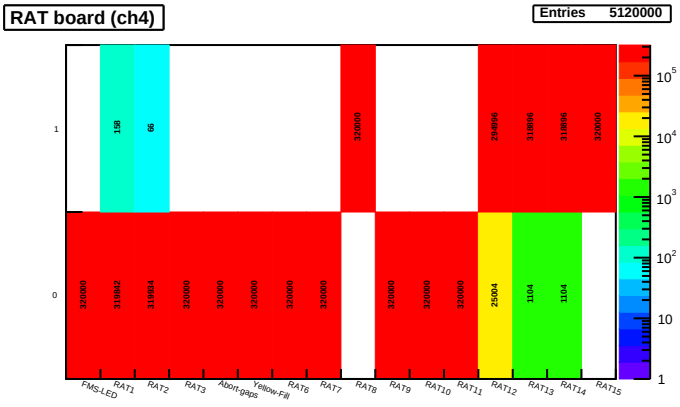

VT201 0-15 (ch1)
Entries 1292754
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

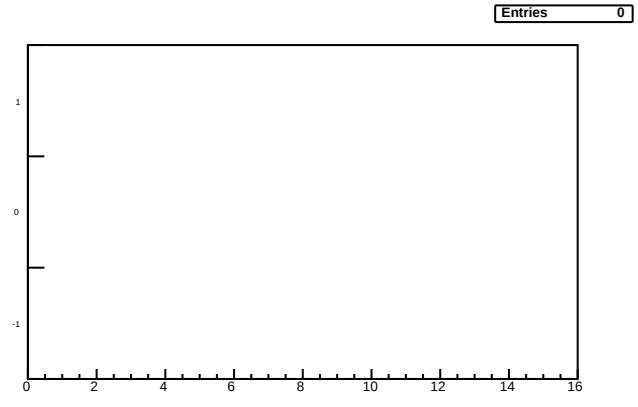

Unused (ch2)
Entries 5120000

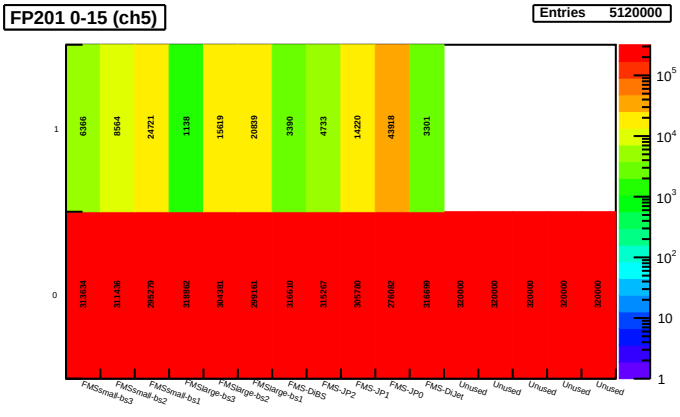

Entries 0

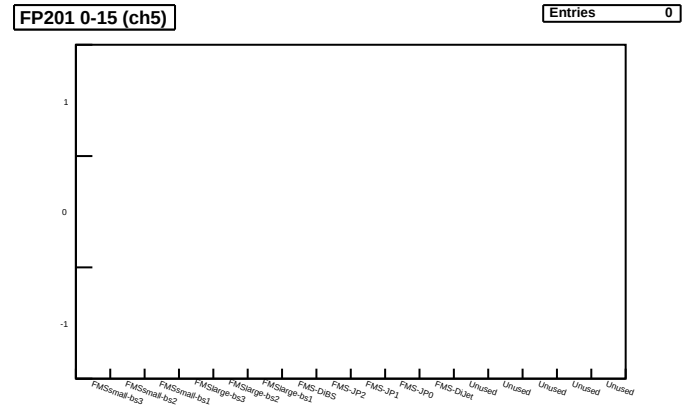

EM201 0-15 (ch3)
Entries 5120000
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT.TP BTP-topo BHT.TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

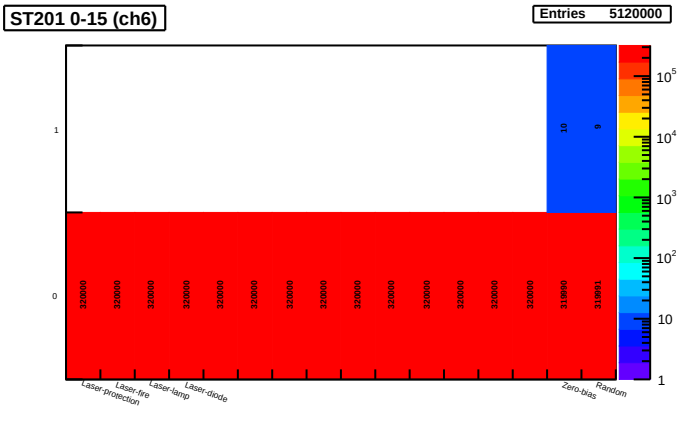

EM201 0-15 (ch3)
Entries 1321028
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT.TP BTP-topo BHT.TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k


RAT board (ch4)
Entries 5120000
158
66
320000
294996
318896
318896
320000
320000
319942
319924
320000
320000
320000
320000
320000
320000
320000
320000
25004
1104
1104
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 5120000
6366
8564
24721
1138
15619
20839
3390
4733
14220
43918
3301
313634
311436
295279
318862
304381
299151
316610
315257
305790
276082
316699
320000
320000
320000
320000
320000
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
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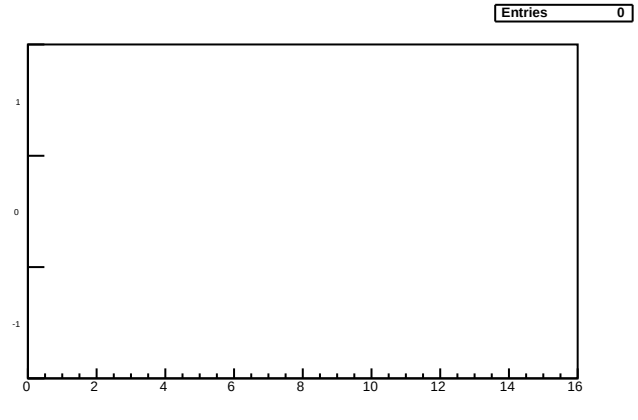
319991
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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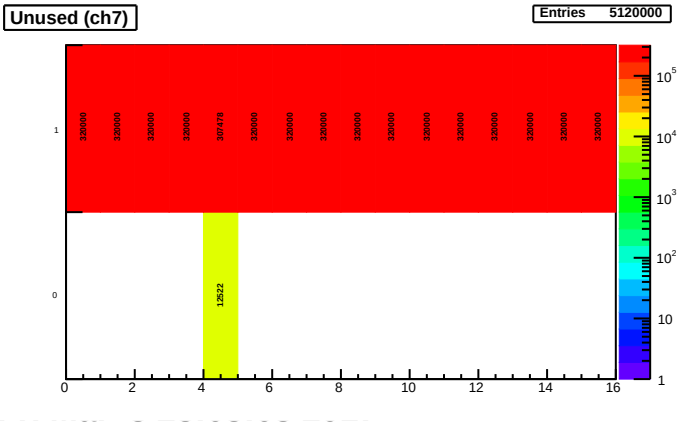
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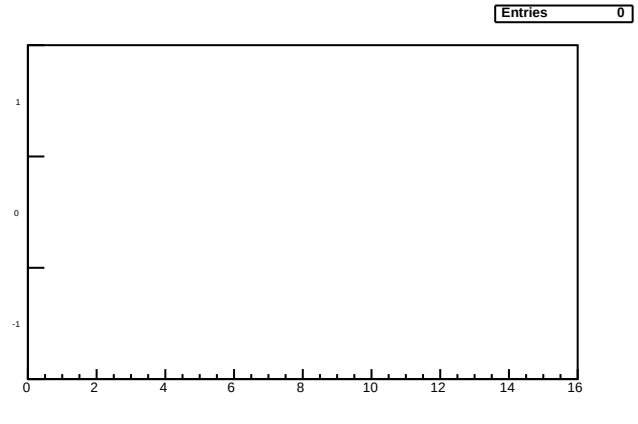
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