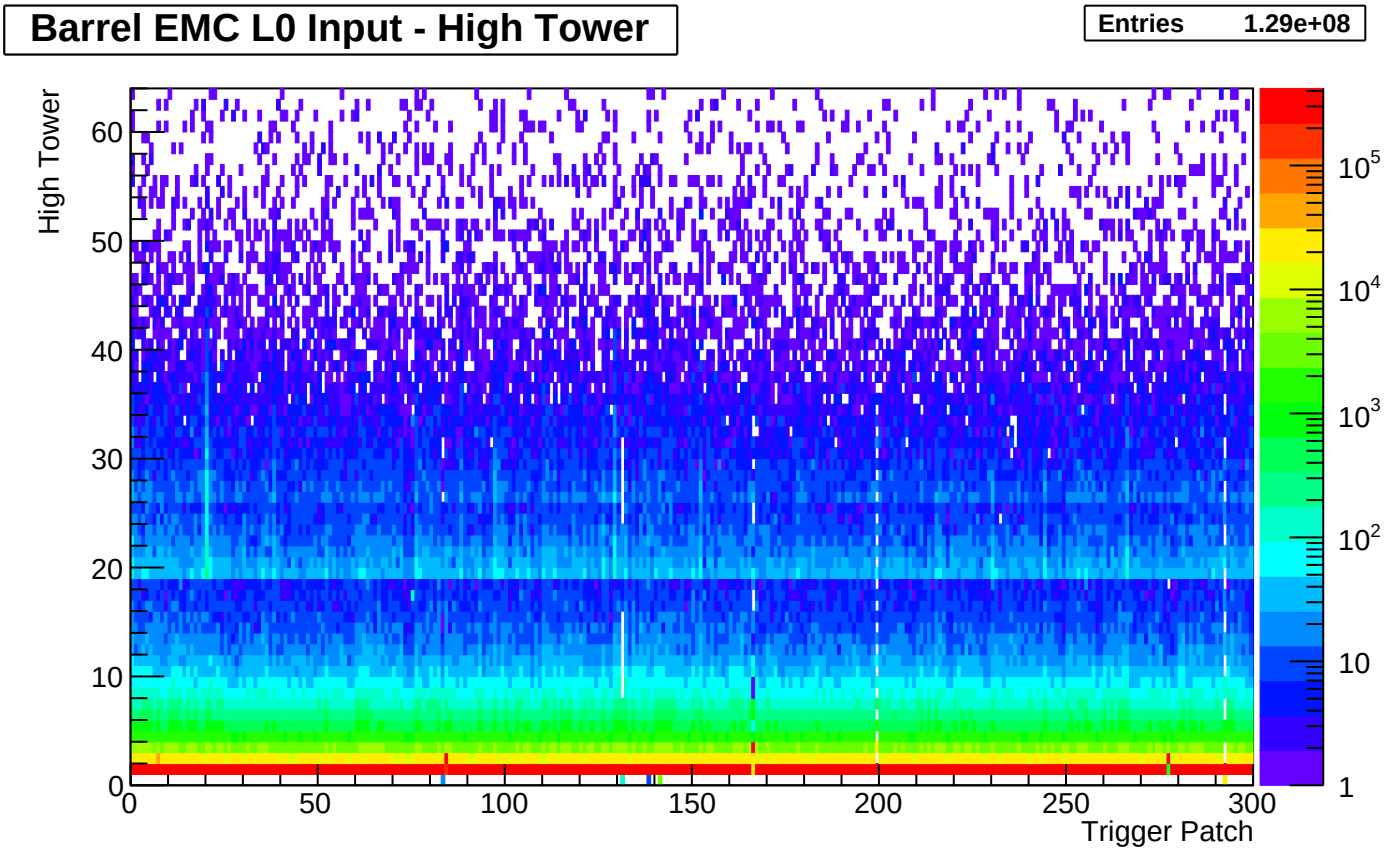
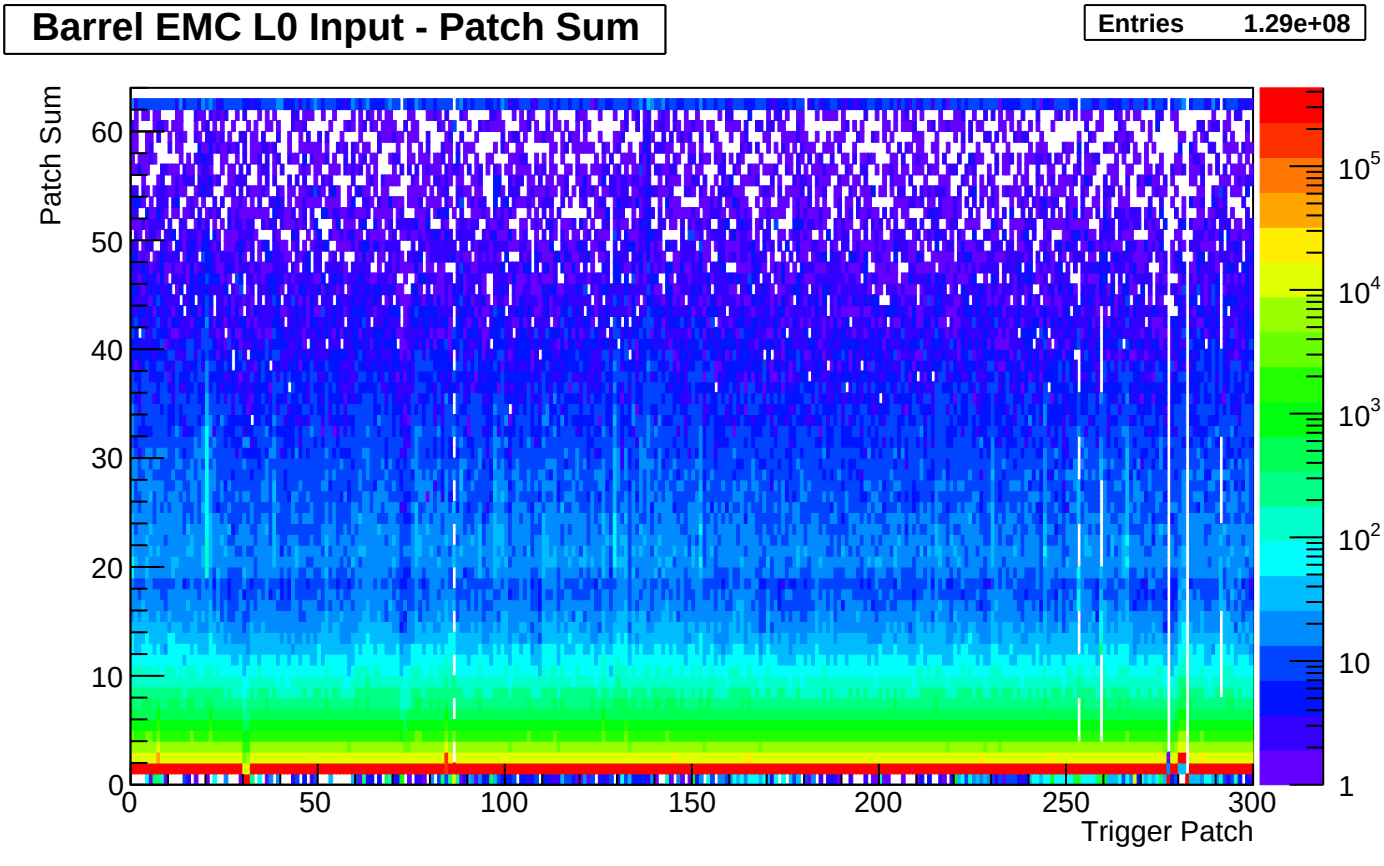
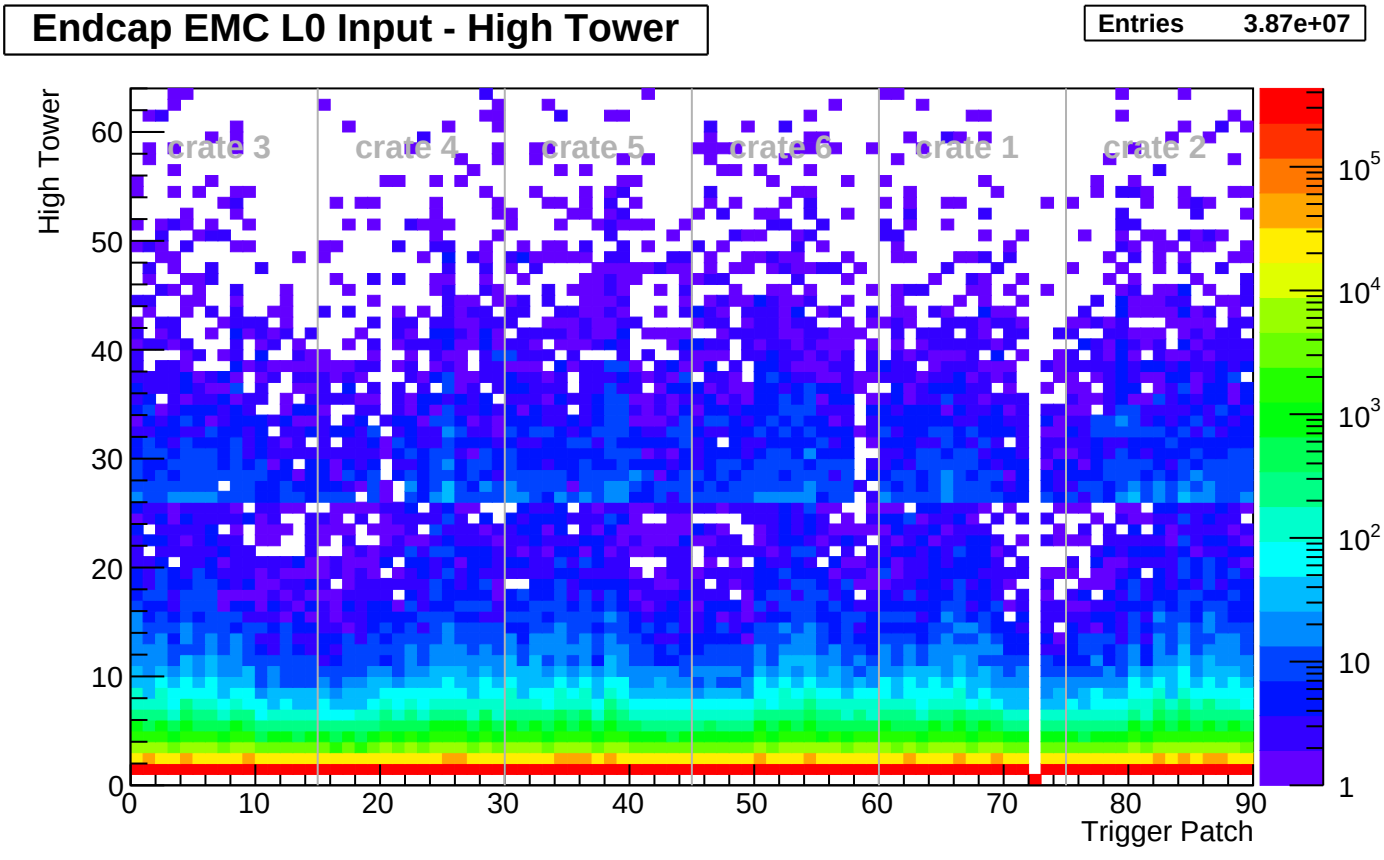
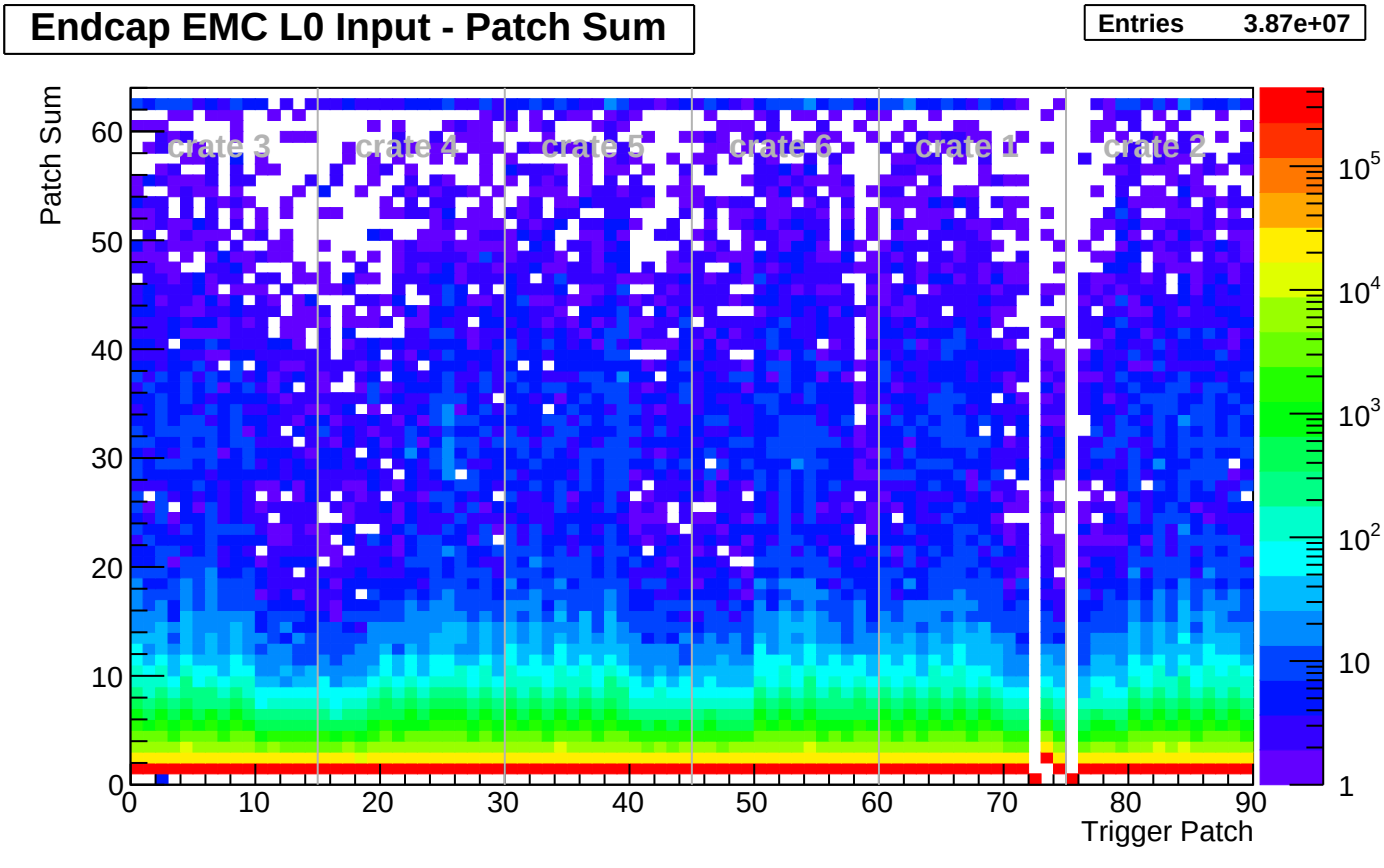
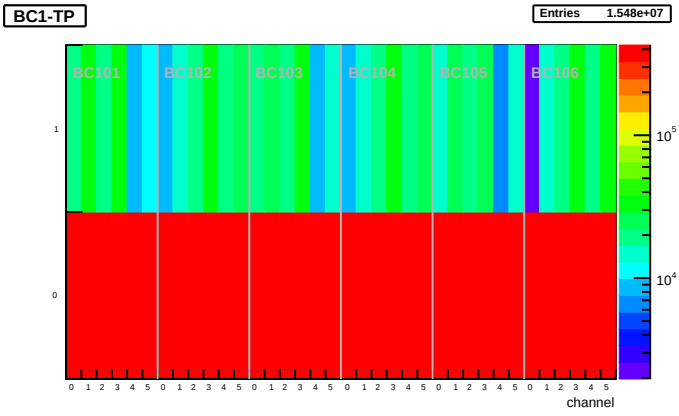
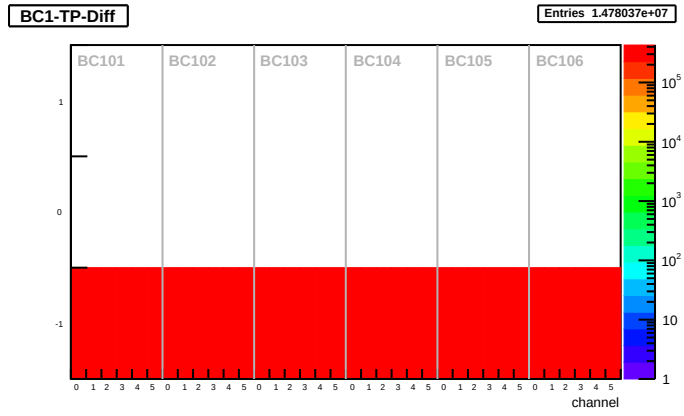

Barrel EMC L0 Input - High Tower
Entries 1.29e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

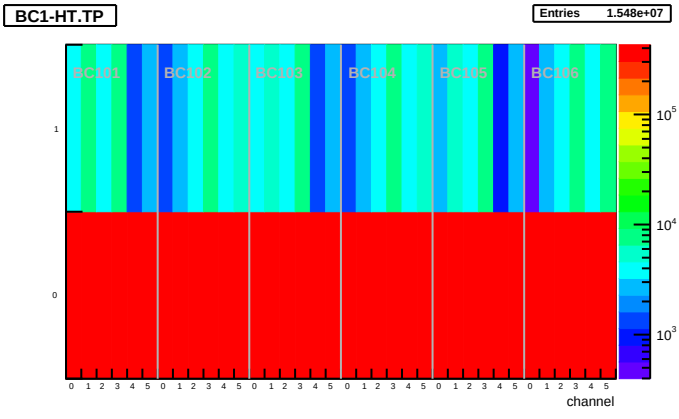

Barrel EMC L0 Input - Patch Sum
Entries 1.29e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

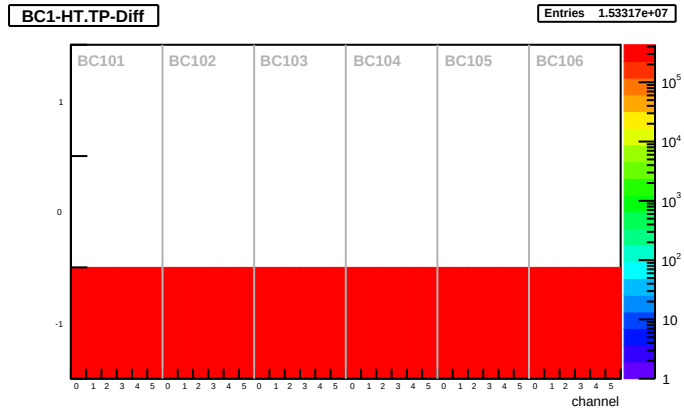

Endcap EMC L0 Input - High Tower
Entries 3.87e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

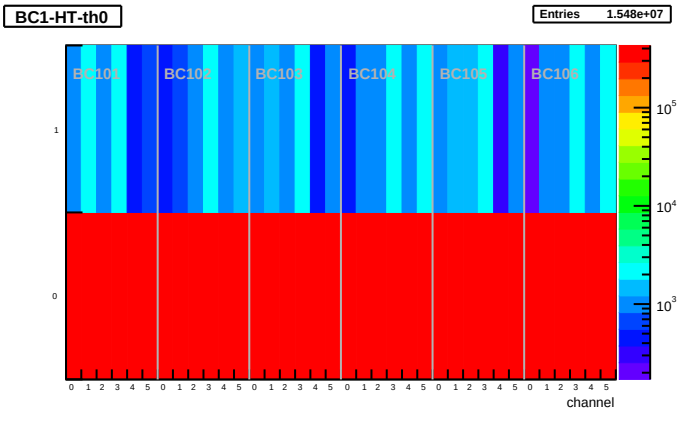

Endcap EMC L0 Input - Patch Sum
Entries 3.87e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

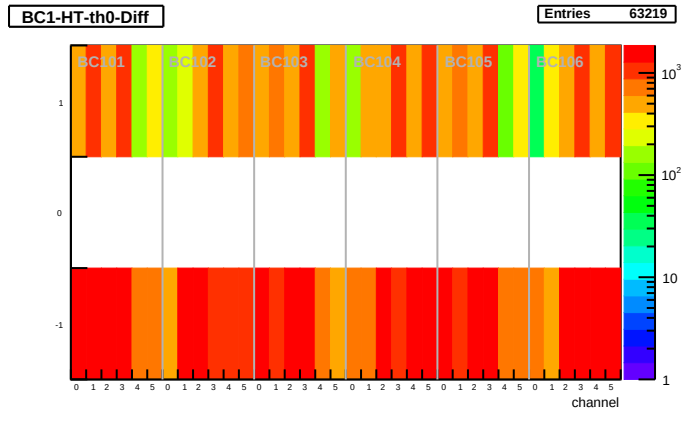

BC1-TP
Entries 1.548e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

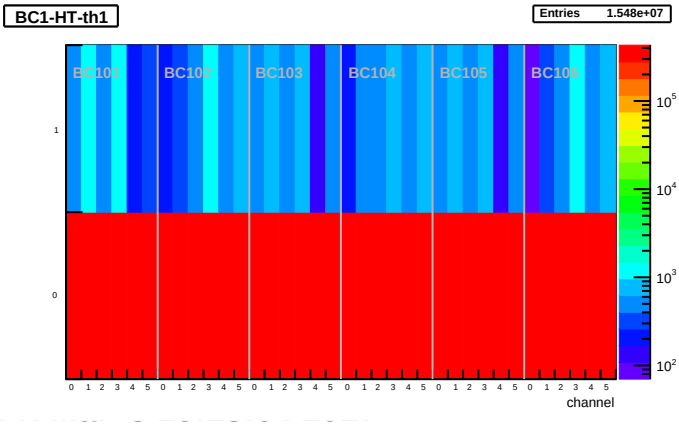

BC1-TP-Diff
Entries 1.478037e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

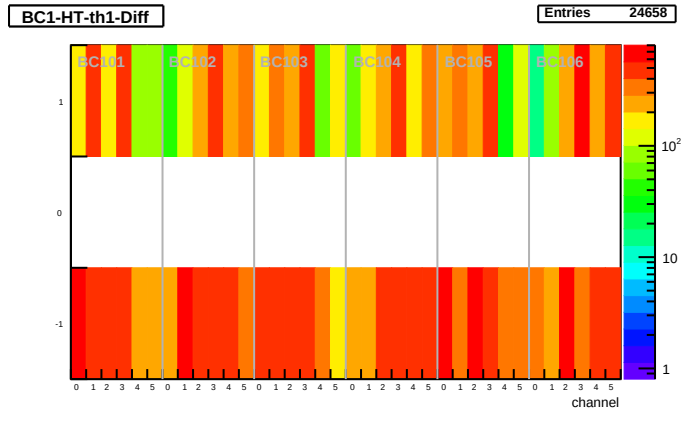

BC1-HT.TP
Entries 1.548e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

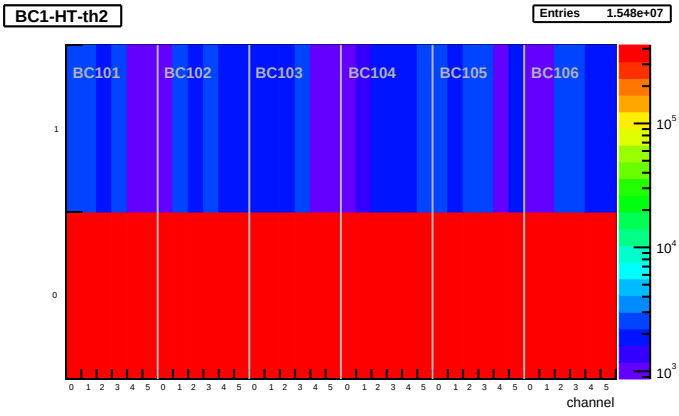

BC1-HT.TP-Diff
Entries 1.53317e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

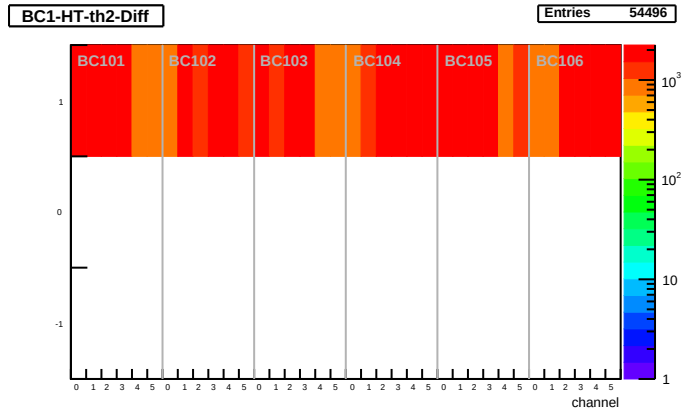

BC1-HT-th0
Entries 1.548e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

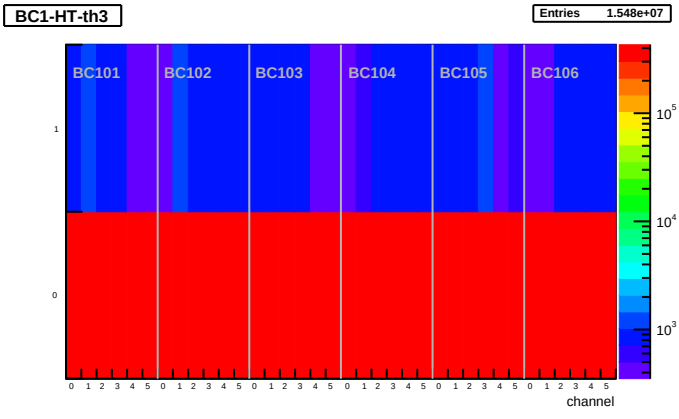

BC1-HT-th0-Diff
Entries 63219
BC101
BC102
BC103
BC104
BC105
BC106
channel

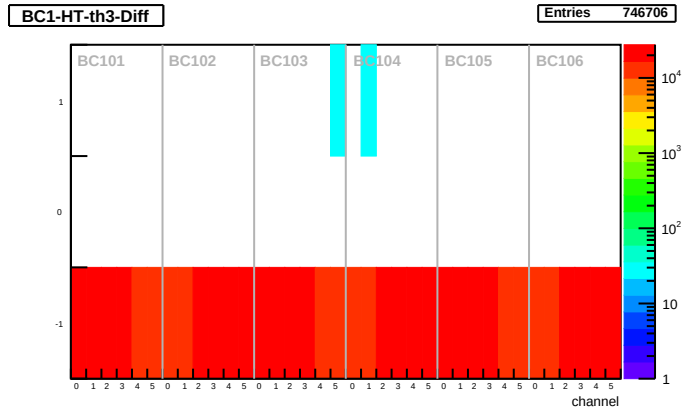

BC1-HT-th1
Entries 1.548e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

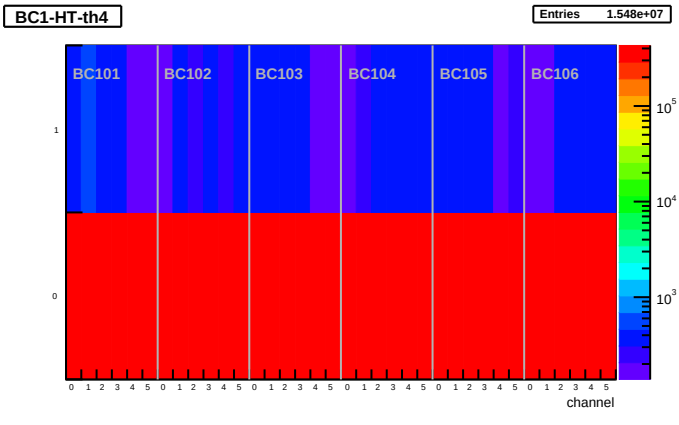

BC1-HT-th1-Diff
Entries 24658
BC101
BC102
BC103
BC104
BC105
BC106
channel

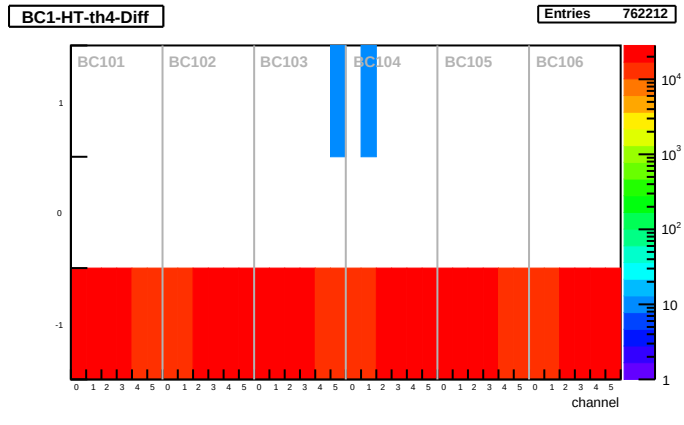

BC1-HT-th2
Entries 1.548e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

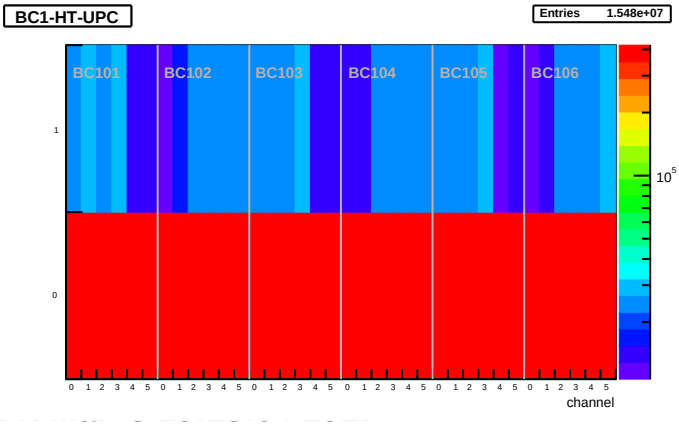

BC1-HT-th2-Diff
Entries 54496
BC101
BC102
BC103
BC104
BC105
BC106
channel

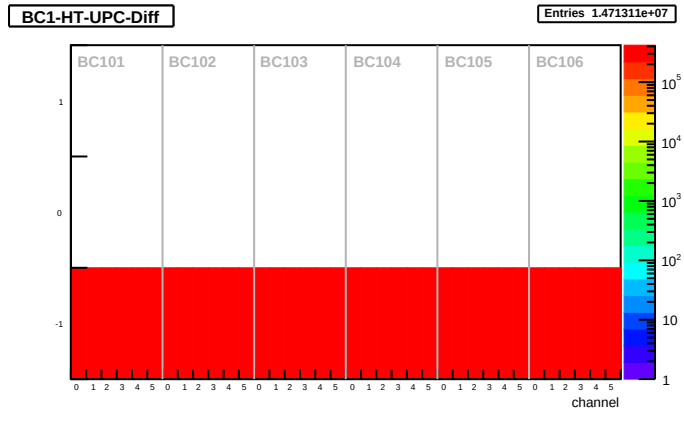

BC1-HT-th3
Entries 1.548e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

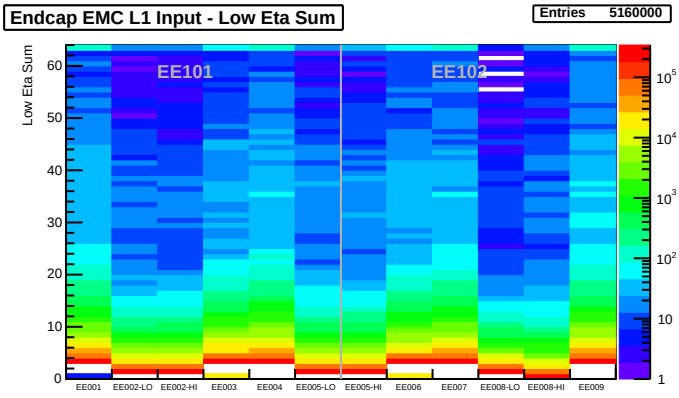

BC1-HT-th3-Diff
Entries 746706
BC101
BC102
BC103
BC104
BC105
BC106
channel

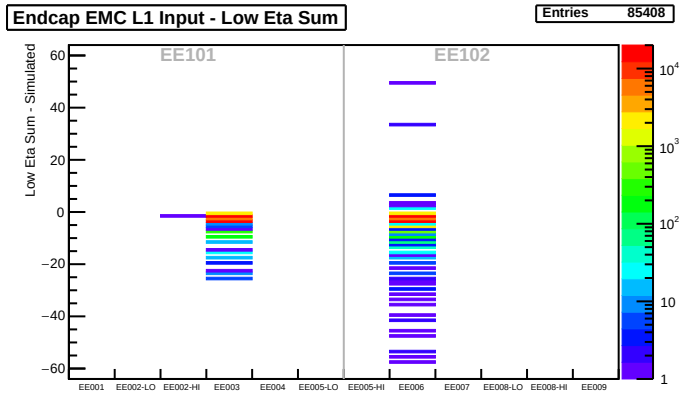

BC1-HT-th4
Entries 1.548e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

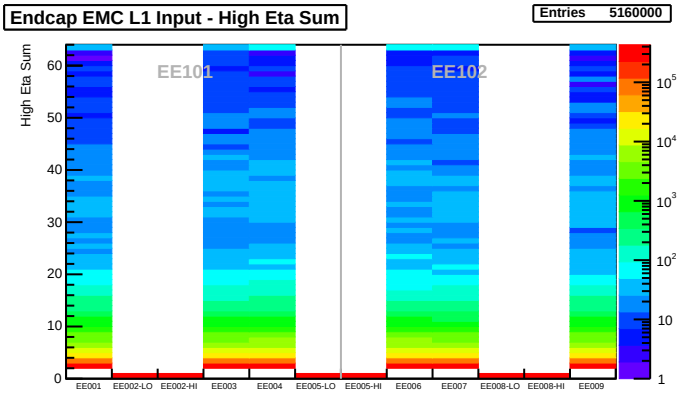

BC1-HT-th4-Diff
Entries 762212
BC101
BC102
BC103
BC104
BC105
BC106
channel

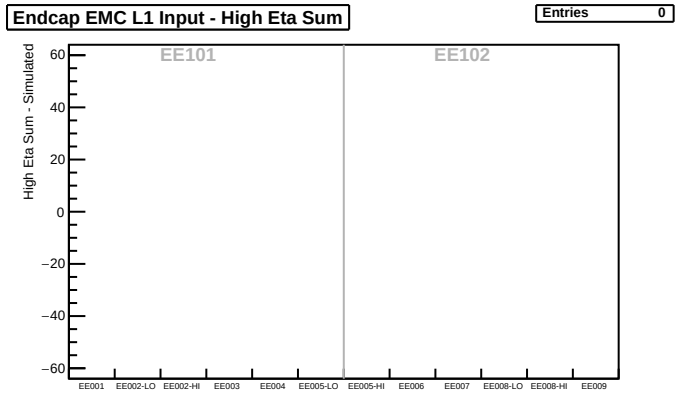

BC1-HT-UPC
Entries 1.548e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

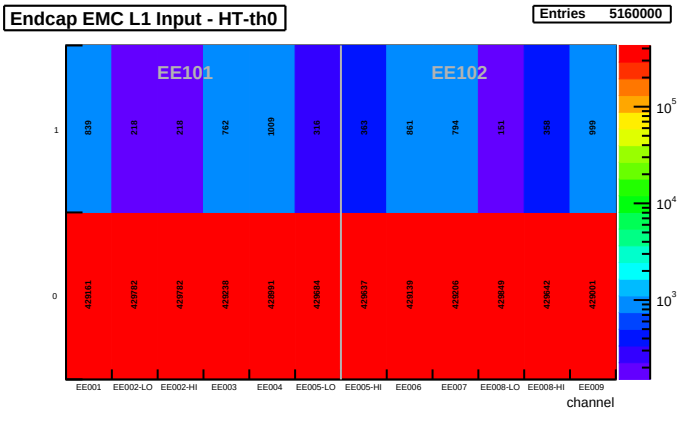

BC1-HT-UPC-Diff
Entries 1.471311e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

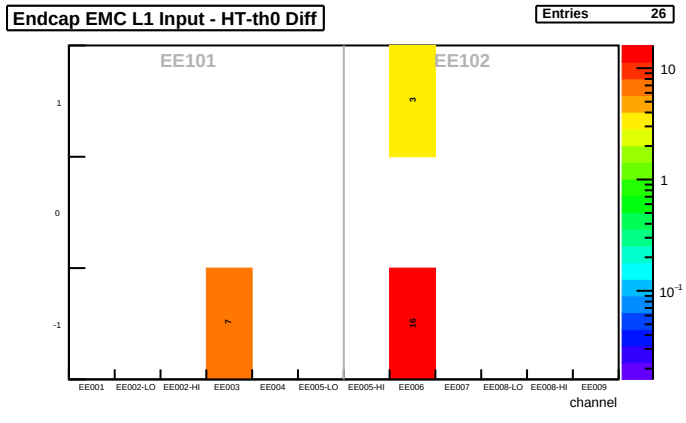

Endcap EMC L1 Input - Low Eta Sum
Entries 5160000
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

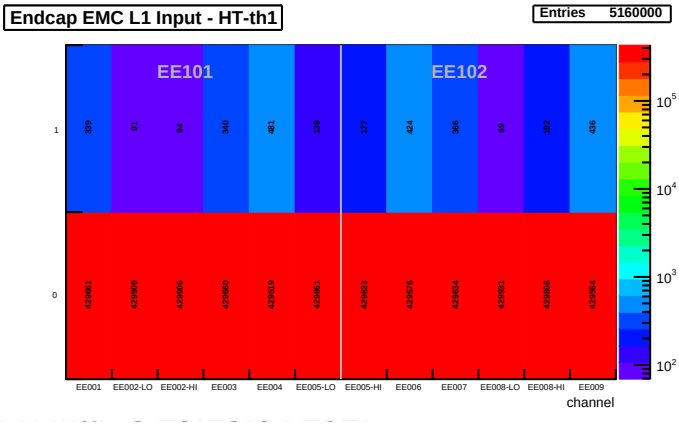

Endcap EMC L1 Input - Low Eta Sum
Entries 85408
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

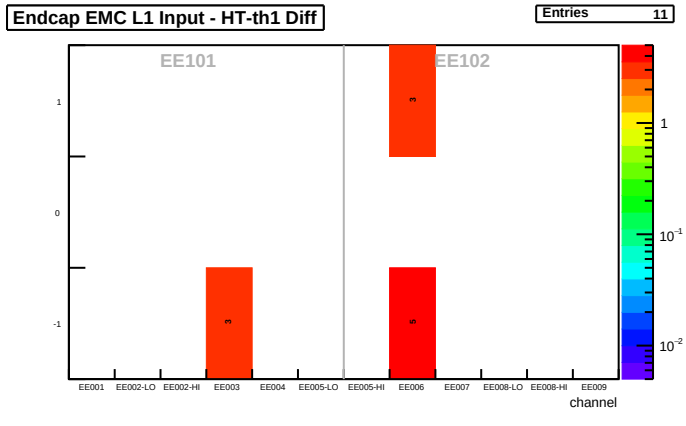

Endcap EMC L1 Input - High Eta Sum
Entries 5160000
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

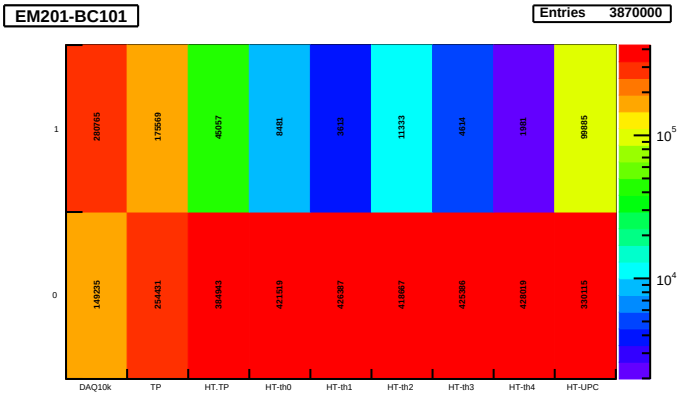

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

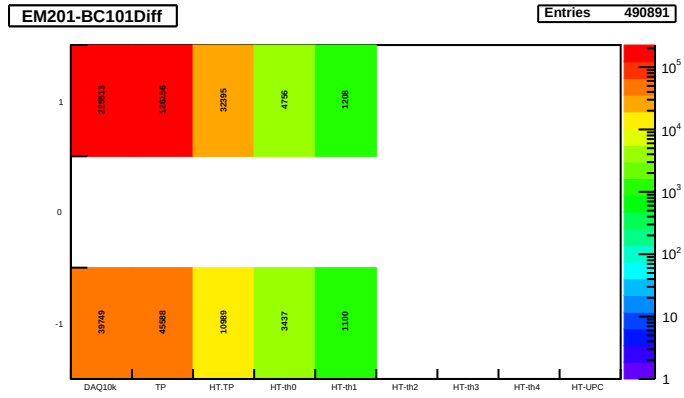

Endcap EMC L1 Input - HT-th0
Entries 5160000
EE101
EE102
channel

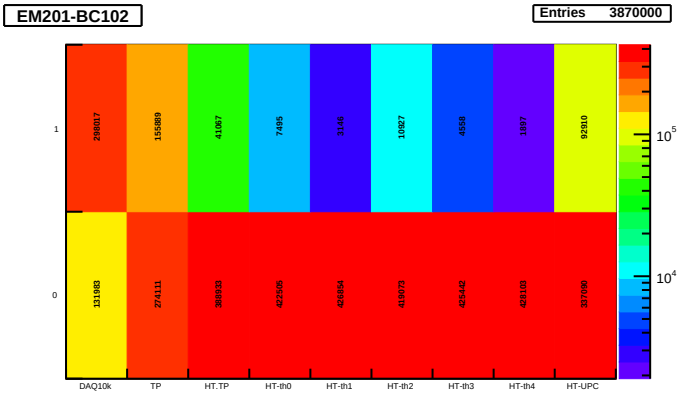

Endcap EMC L1 Input - HT-th0 Diff
Entries 26
EE101
EE102
channel

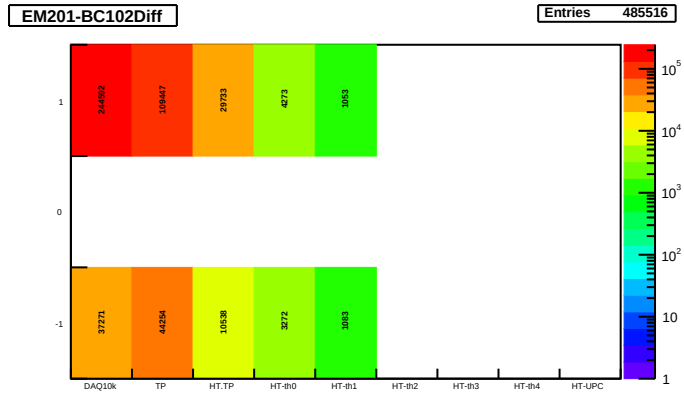

Endcap EMC L1 Input - HT-th1
Entries 5160000
EE101
EE102
channel

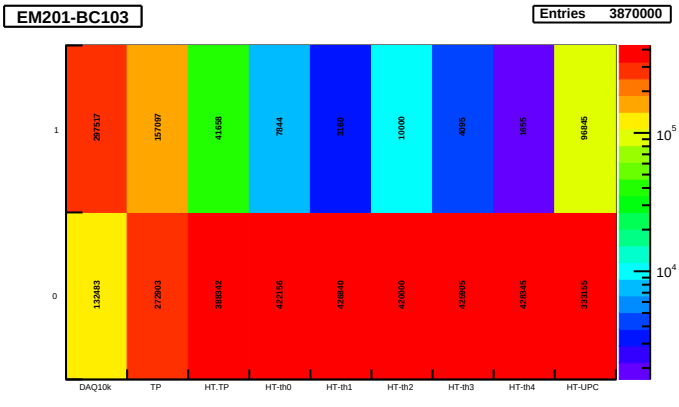

Endcap EMC L1 Input - HT-th1 Diff
Entries 11
EE101
EE102
channel

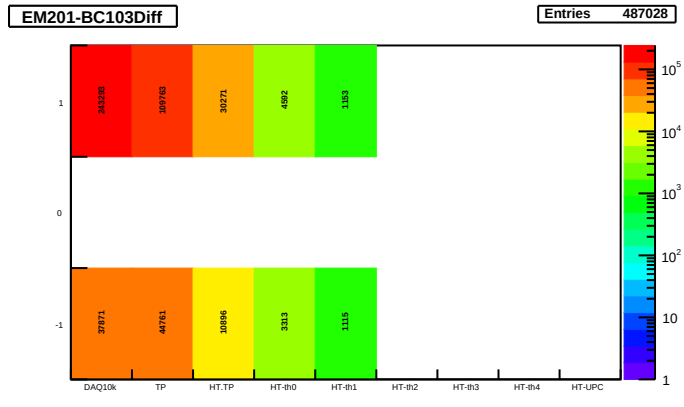

EM201-BC101
Entries 3870000
1
0
280765
175569
45057
8481
3613
11333
4634
1931
99885
149235
254431
384943
421519
426387
418667
425386
428019
330115
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4

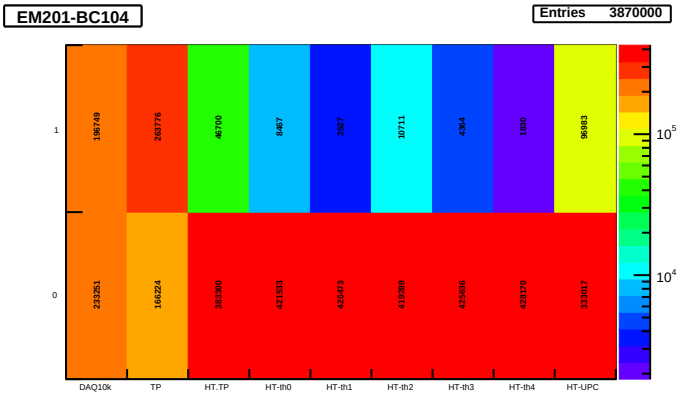

EM201-BC101Diff
Entries 490891
1
0
-1
225513
126156
32395
4756
1208
39749
45988
10989
3437
1100
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

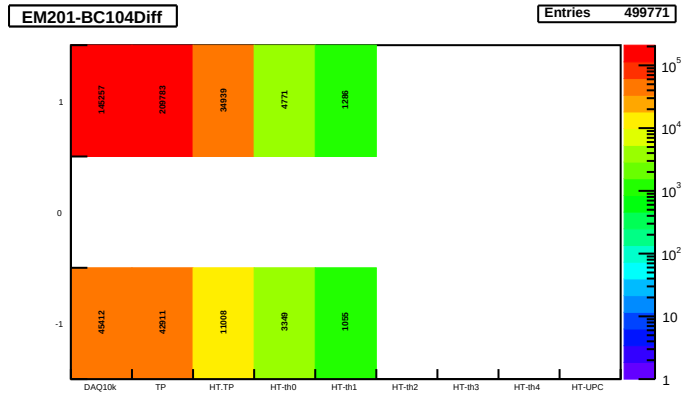

EM201-BC102
Entries 3870000
1
0
298017
155989
41067
7495
3146
10927
4558
1697
92910
131983
274111
389933
422505
426854
419073
425442
428103
337090
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC102Diff
Entries 485516
1
0
-1
244592
109447
29733
4273
1053
37271
44254
10538
3272
1083
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

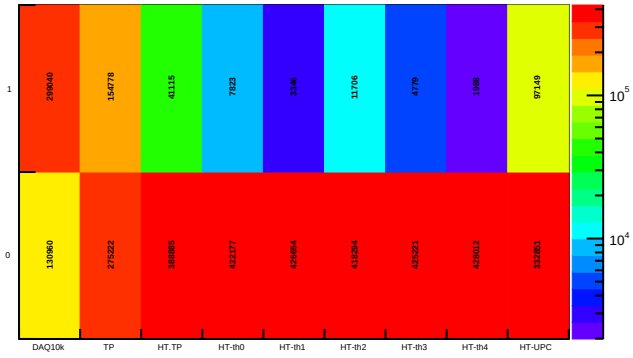

EM201-BC103
Entries 3870000
1
0
297517
157097
41458
7644
3160
10000
4095
1655
96845
132483
272903
388442
422156
426840
420000
425905
428445
333155
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC103Diff
Entries 487028
1
0
-1
243283
109763
30271
4992
1153
37071
44761
10896
3313
1115
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

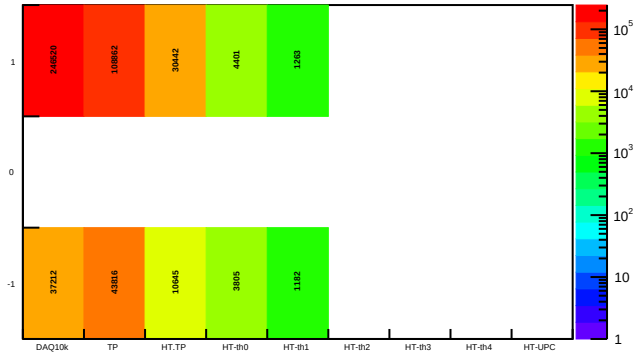

EM201-BC104
Entries 3870000
1
0
136749
263776
46700
8467
3527
10711
4384
1830
96983
233251
166224
383300
421533
426473
419289
425616
428170
333017
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4


EM201-BC104Diff
Entries 499771
1
0
-1
145257
209783
34939
4771
1286
45412
42911
11008
3349
1095
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

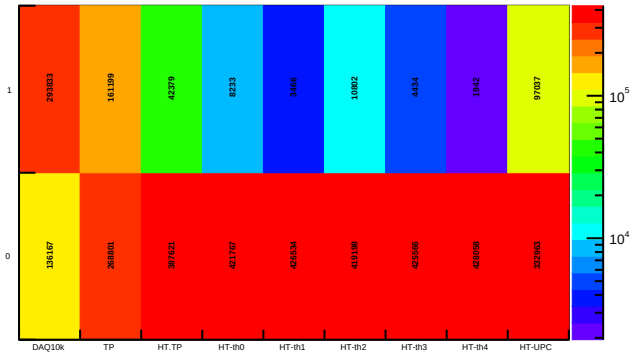
EM201-BC105 Entries 3870000



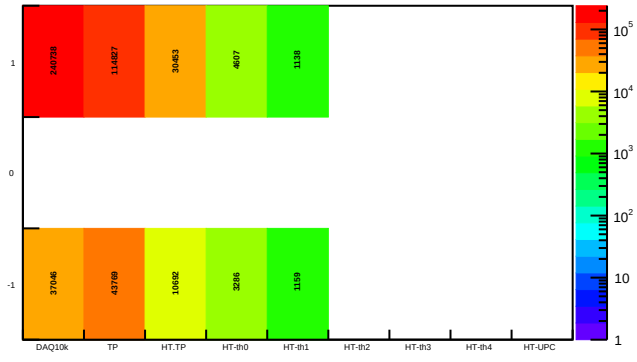
EM201-BC105Diff Entries 488148



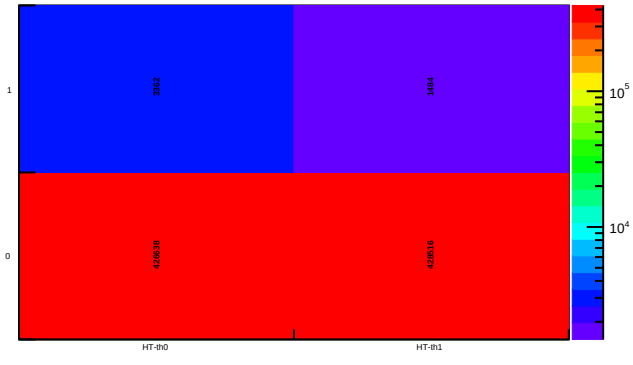
EM201-BC106 Entries 3870000



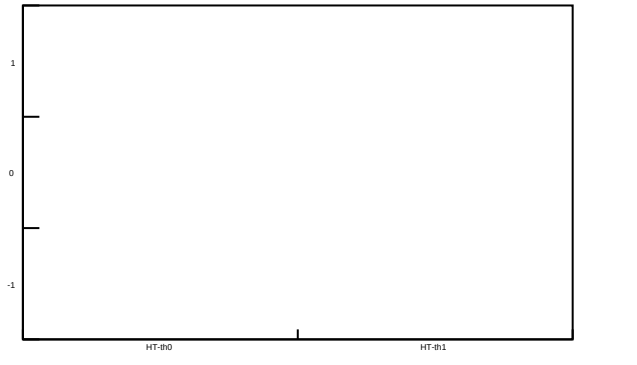
EM201-BC106Diff Entries 487715



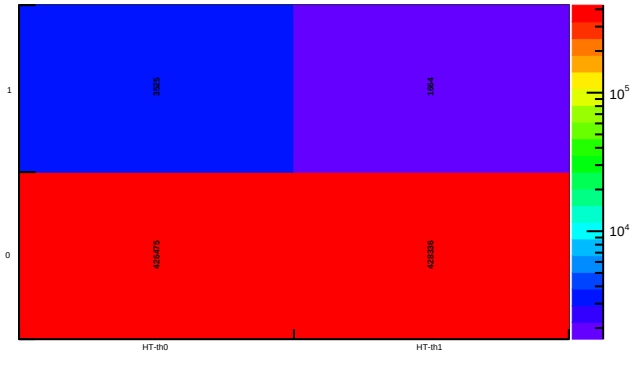
EM201-EE101 Entries 860000



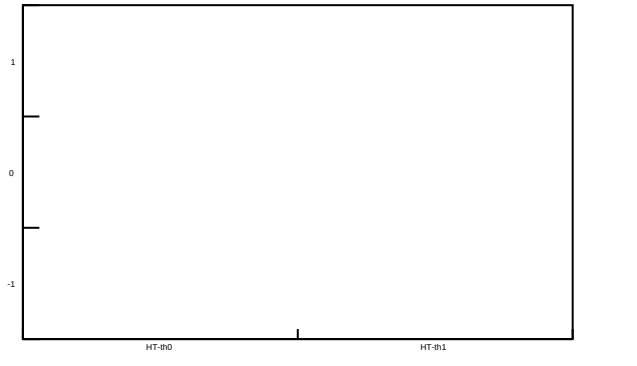
EM201-EE101Diff Entries 0

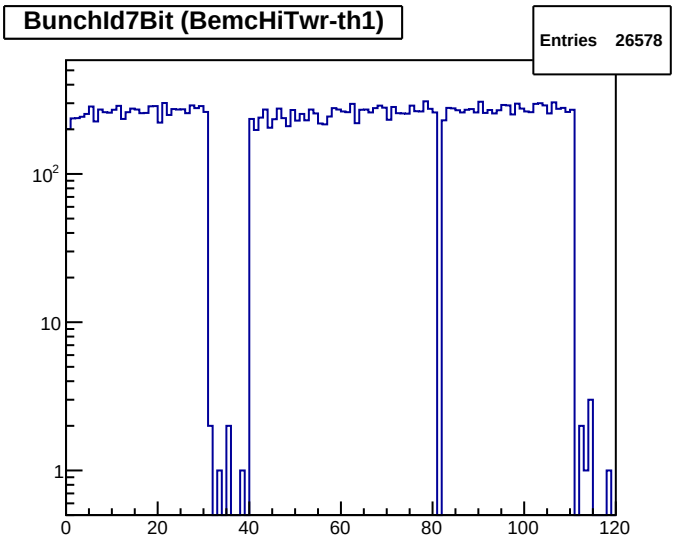


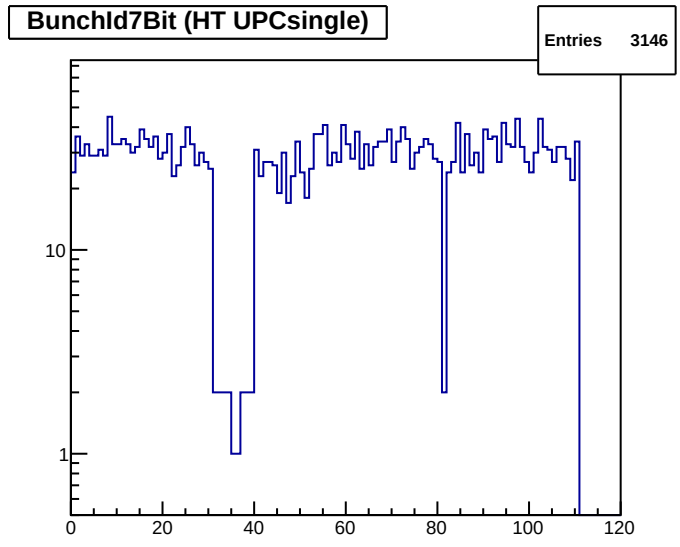
EM201-EE102 Entries 860000

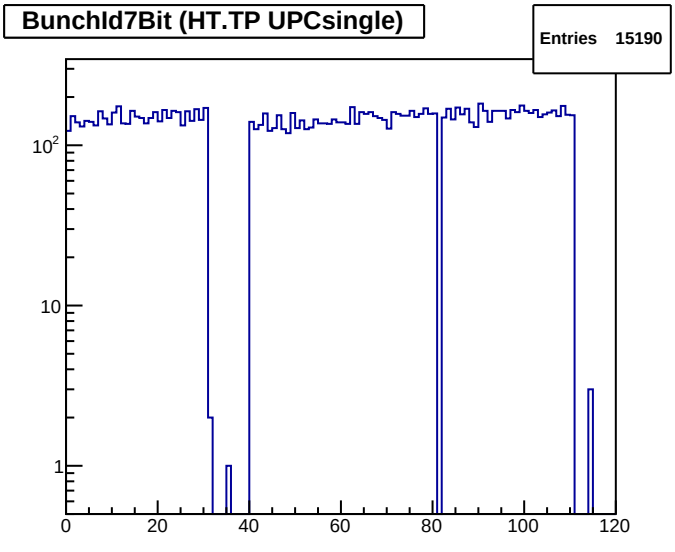


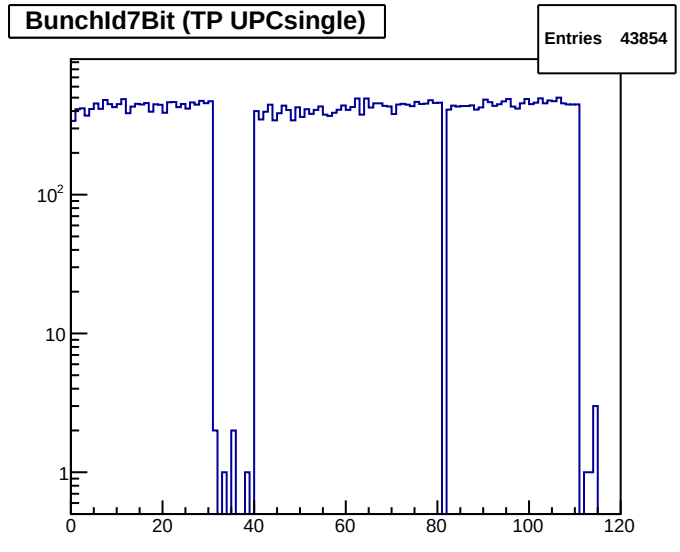
EM201-EE102Diff Entries 0

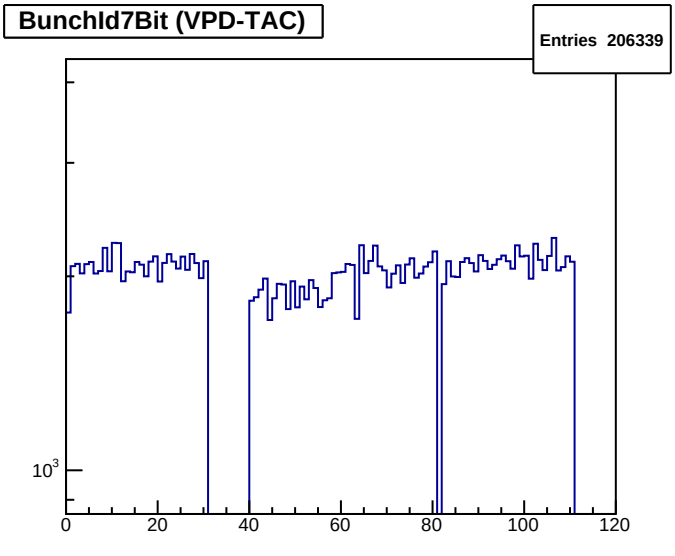


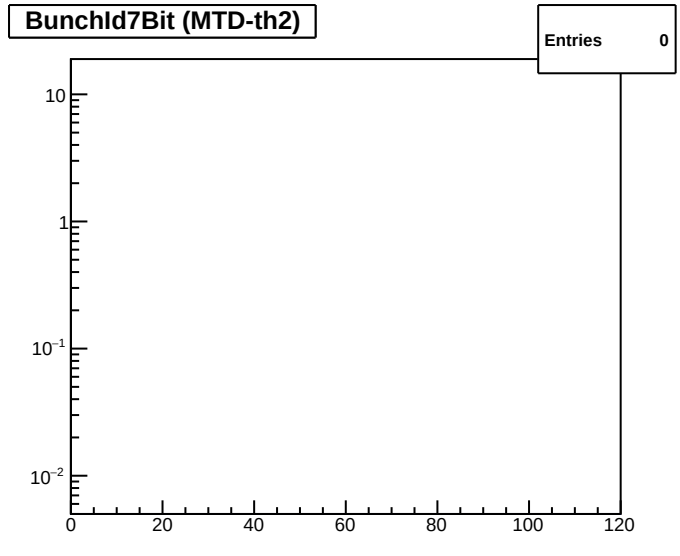

BunchId7Bit (BemcHiTwr-th1)
Entries 26578
10^2
10
1
0
20
40
60
80
100
120

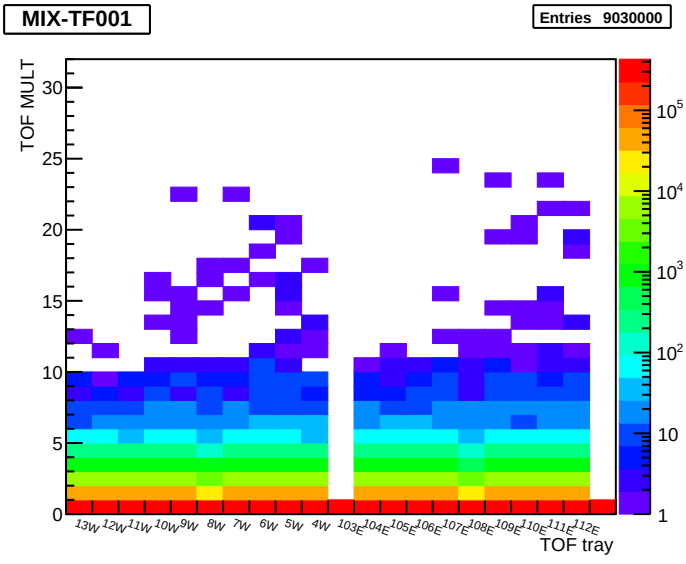

BunchId7Bit (HT UPCsingle)
Entries 3146
10
1
0
20
40
60
80
100
120

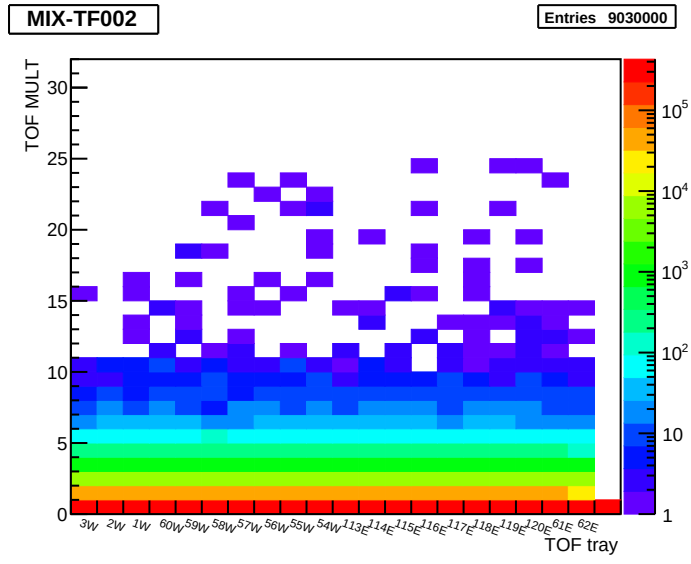

BunchId7Bit (HT.TP UPCsingle)
Entries 15190
10^2
10
1
0
20
40
60
80
100
120

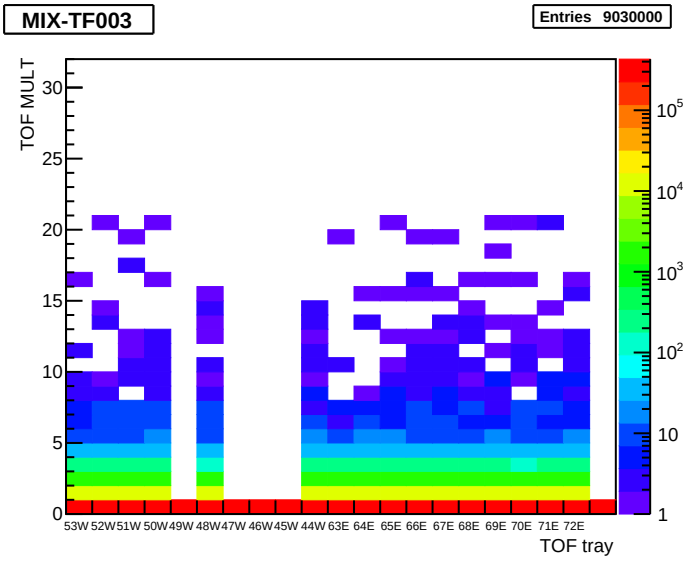

BunchId7Bit (TP UPCsingle)
Entries 43854
10^2
10
1
0
20
40
60
80
100
120

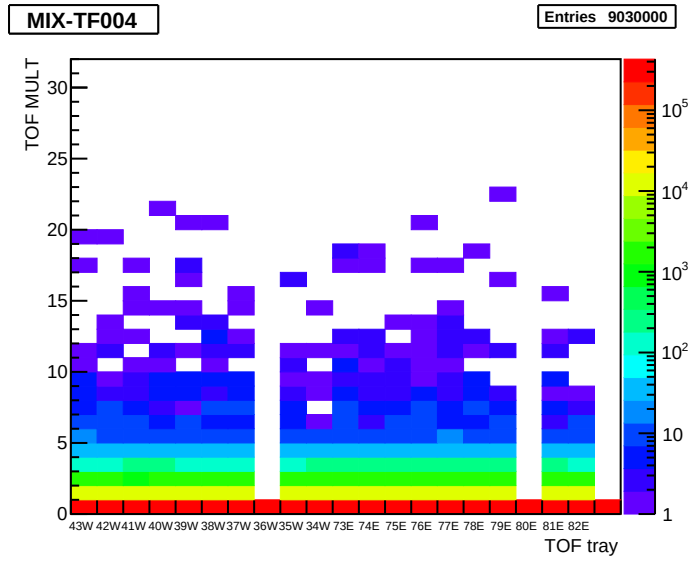

BunchId7Bit (VPD-TAC)
Entries 206339
10^3
0
20
40
60
80
100
120

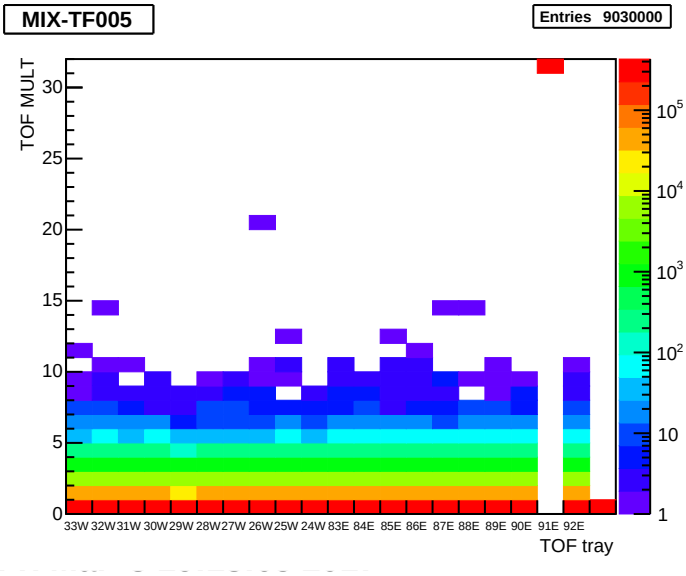

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0
20
40
60
80
100
120

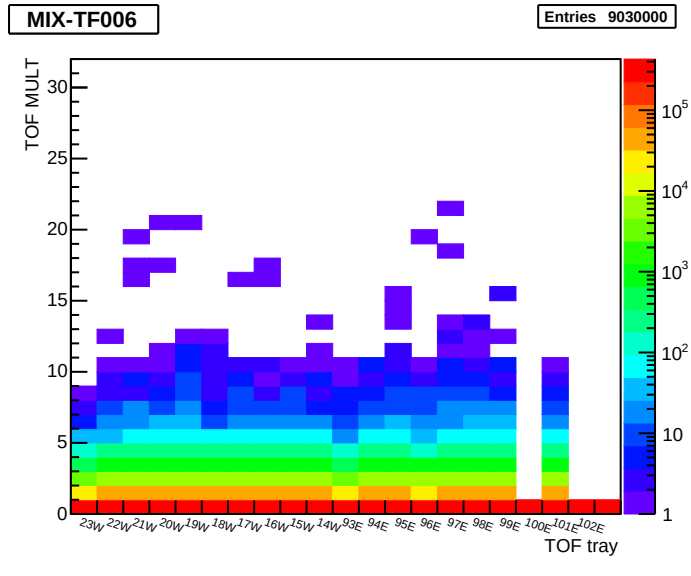

MIX-TF001
Entries 9030000
TOF MULT
TOF tray

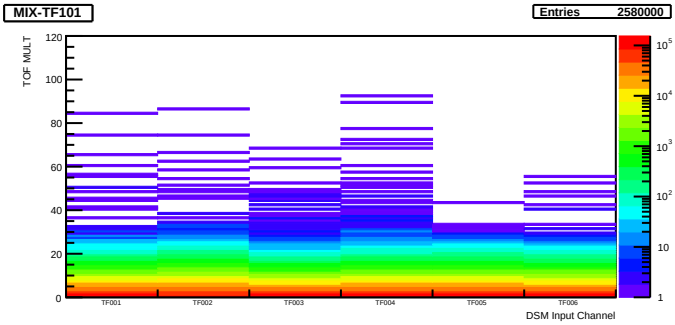

MIX-TF002
Entries 9030000
TOF MULT
TOF tray

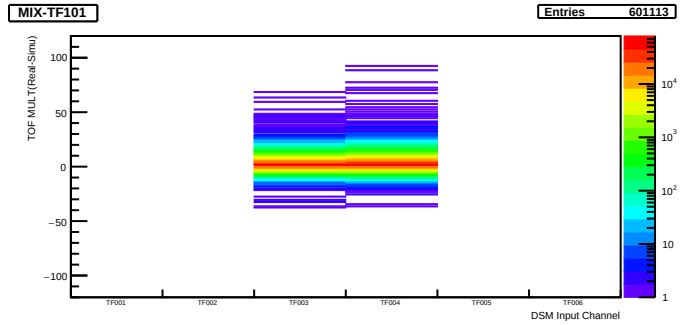

MIX-TF003
Entries 9030000
TOF MULT
TOF tray

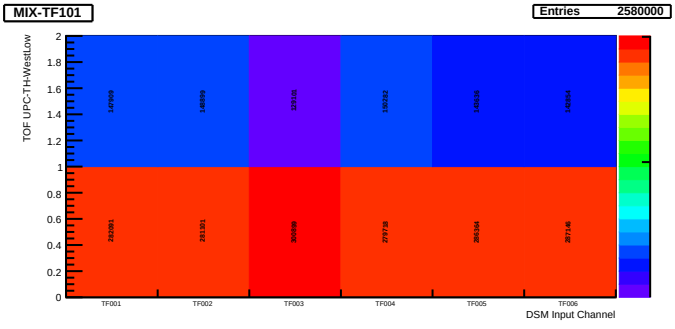

MIX-TF004
Entries 9030000
TOF MULT
TOF tray

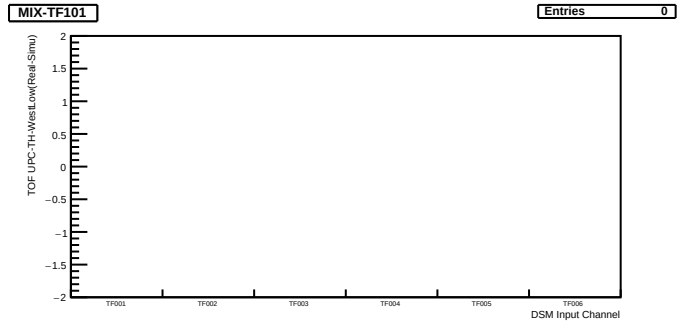

MIX-TF005
Entries 9030000
TOF MULT
TOF tray

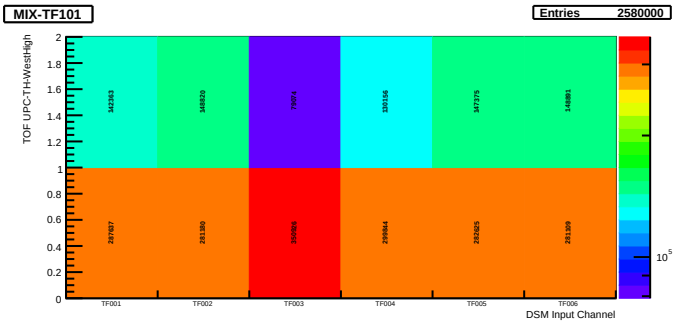

MIX-TF006
Entries 9030000
TOF MULT
TOF tray

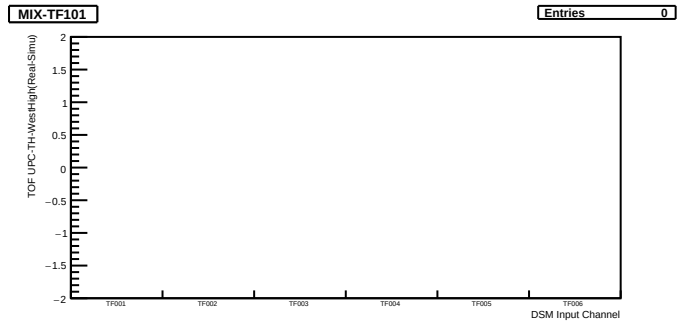

MIX-TF101
Entries 2580000
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

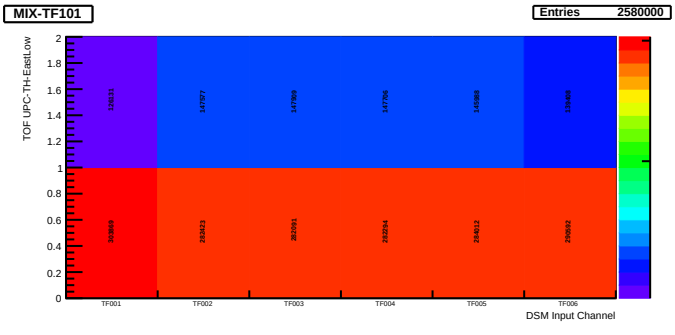

MIX-TF101
Entries 601113
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

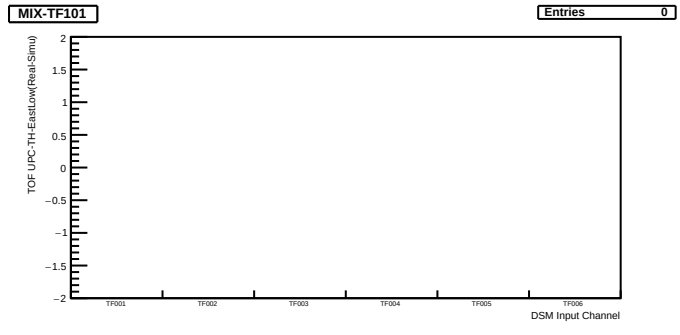

MIX-TF101
Entries 2580000
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

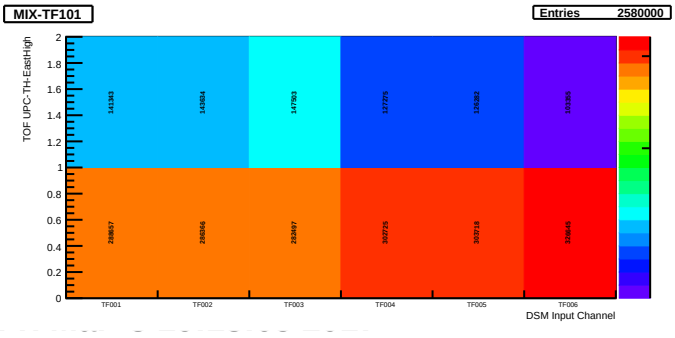

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

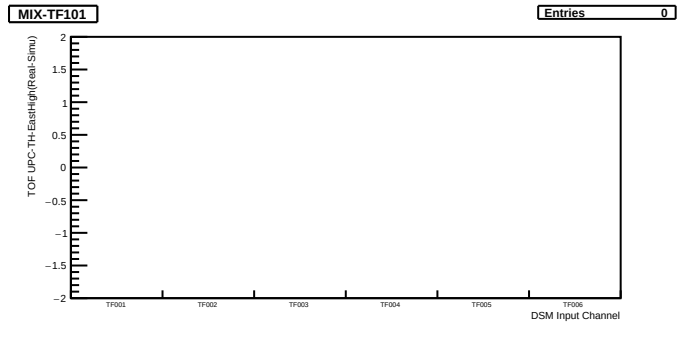

MIX-TF101
Entries 2580000
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

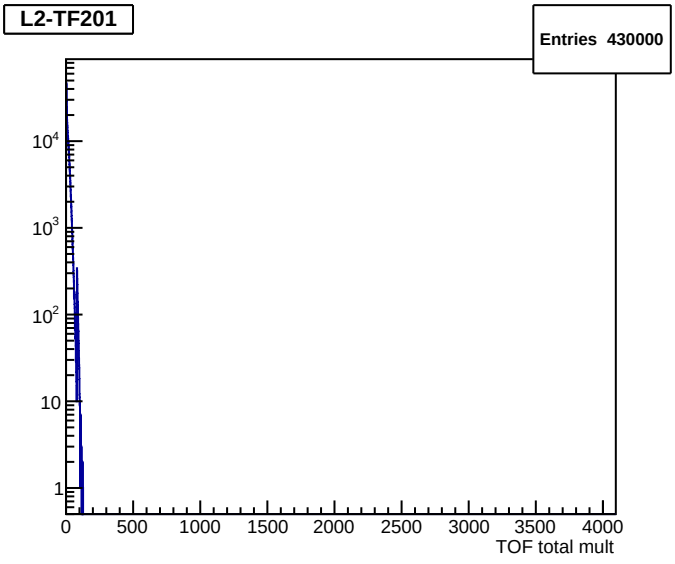

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

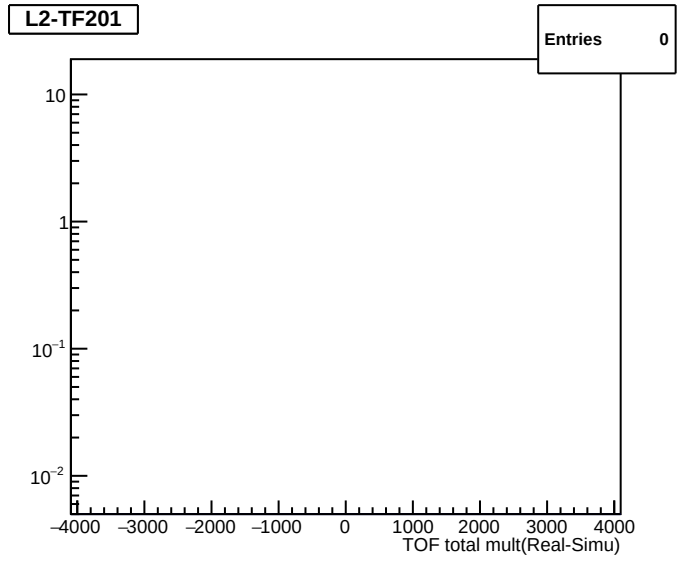

MIX-TF101
Entries 2580000
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

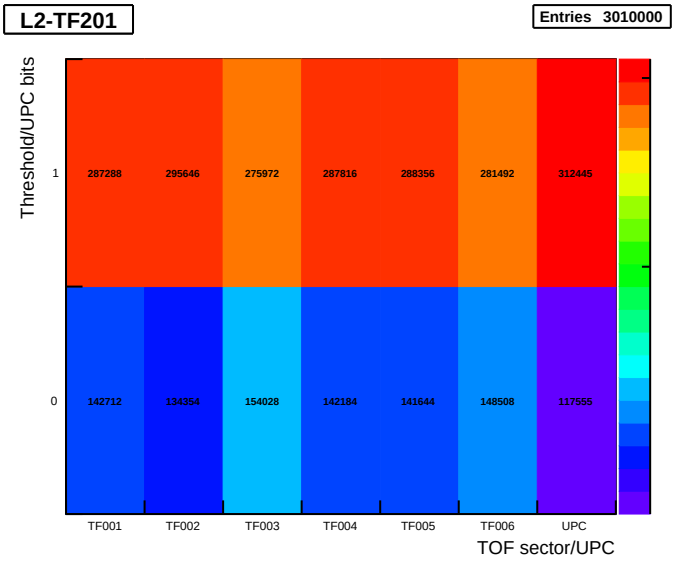

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

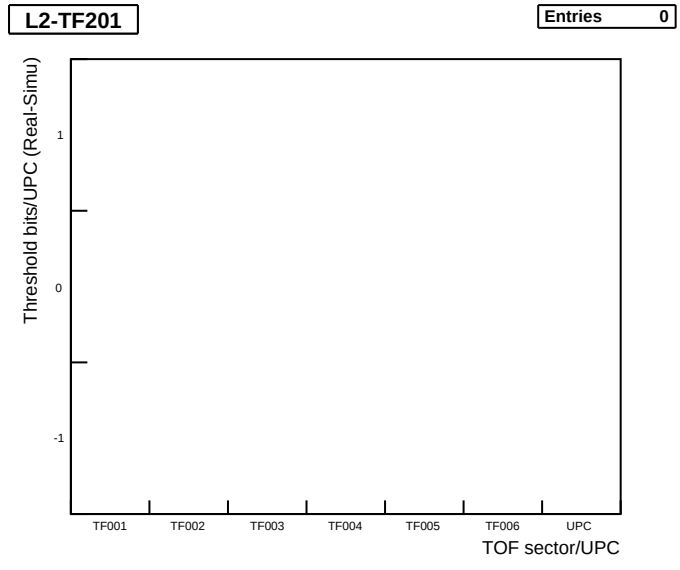

MIX-TF101
Entries 2580000
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

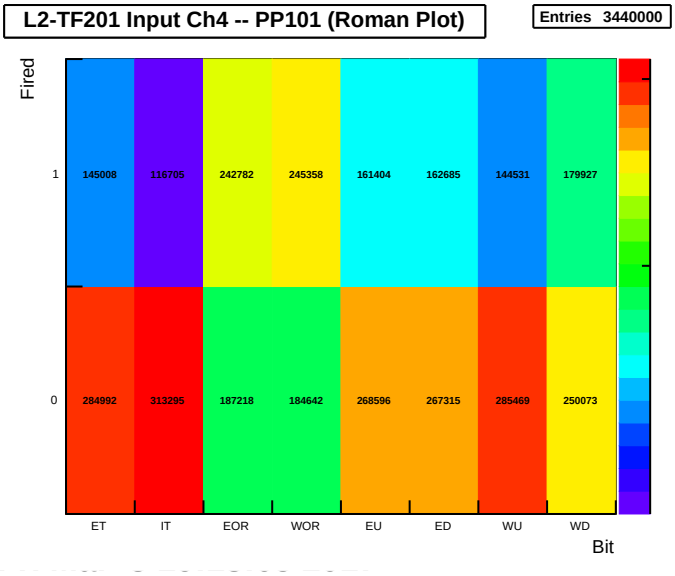

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

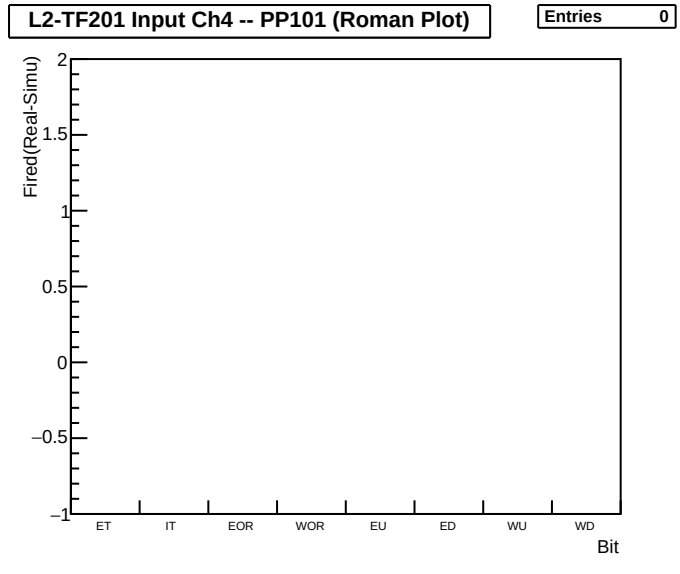

L2-TF201
Entries 430000
TOF total mult

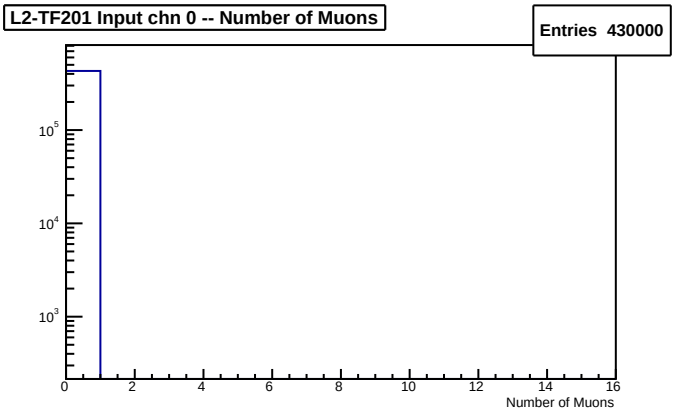

L2-TF201
Entries 0
TOF total mult(Real-Simu)

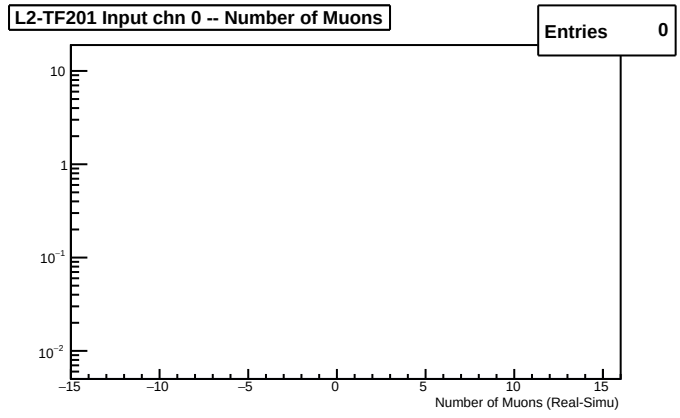

L2-TF201
Entries 3010000
Threshold/UPC bits
287288 295646 275972 287816 288356 281492 312445
142712 134354 154028 142184 141644 148508 117555
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

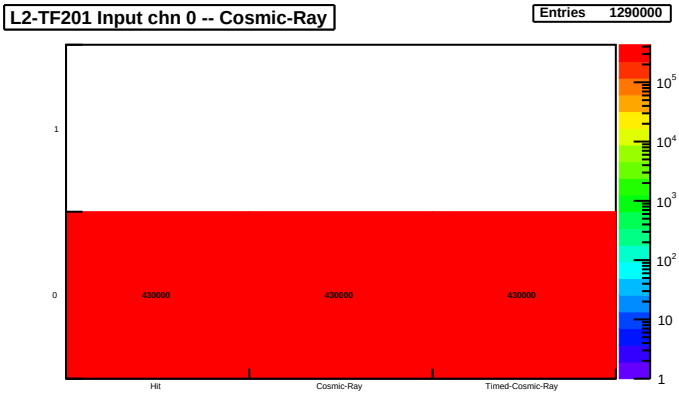

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

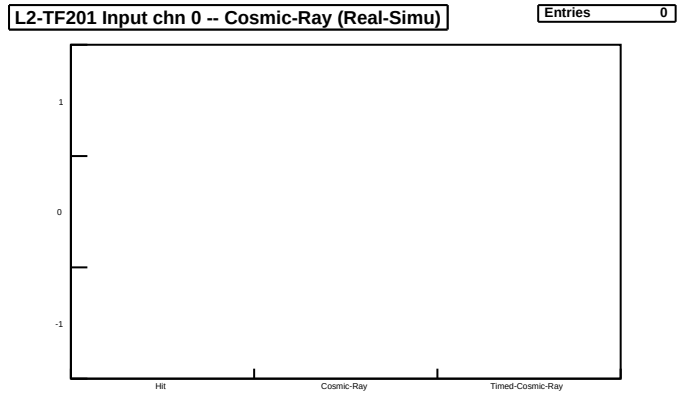

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3440000
Fired
145008 116705 242782 245358 161404 162685 144531 179927
284992 313295 187218 184642 268596 267315 285469 250073
ET IT EOR WOR EU ED WU WD
Bit

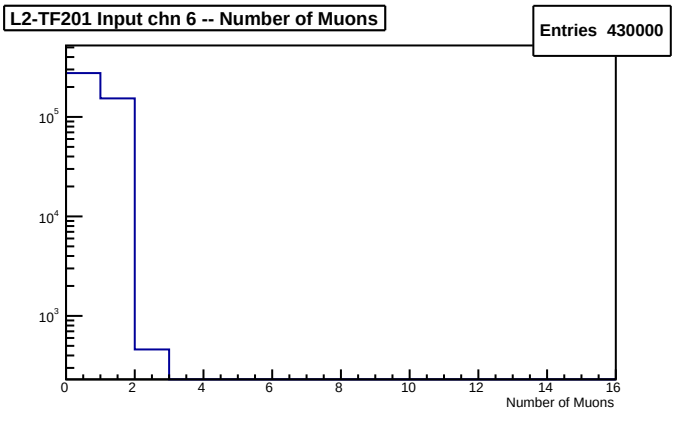

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

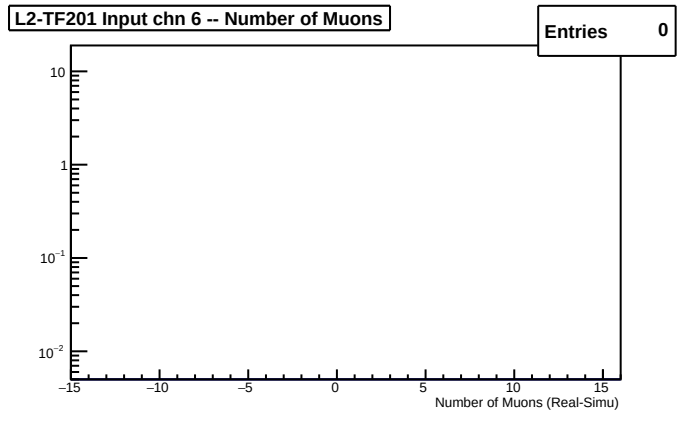

L2-TF201 Input chn 0 -- Number of Muons
Entries 430000
Number of Muons

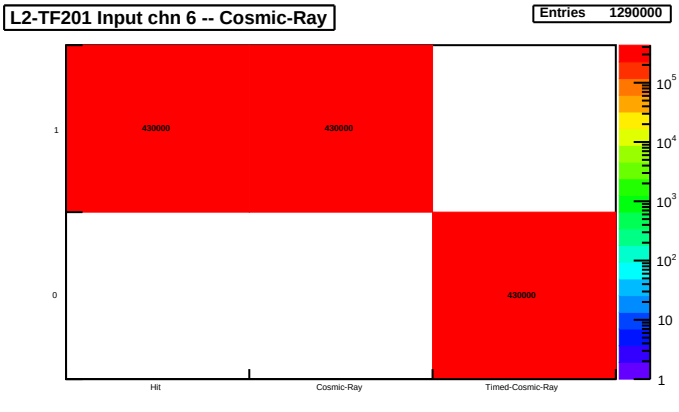

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

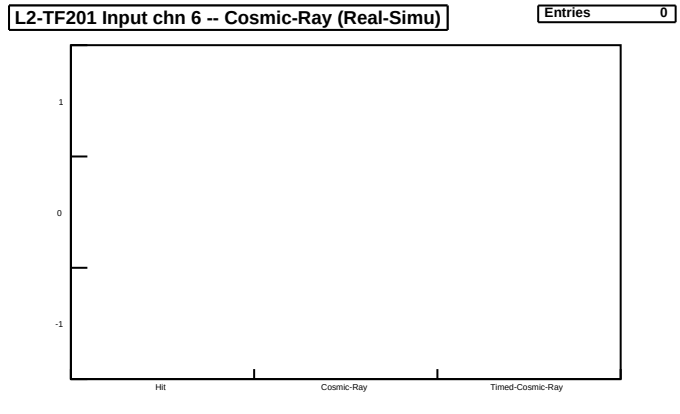

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1290000
430000
430000
430000
Hit
Cosmic-Ray
Timed-Cosmic-Ray

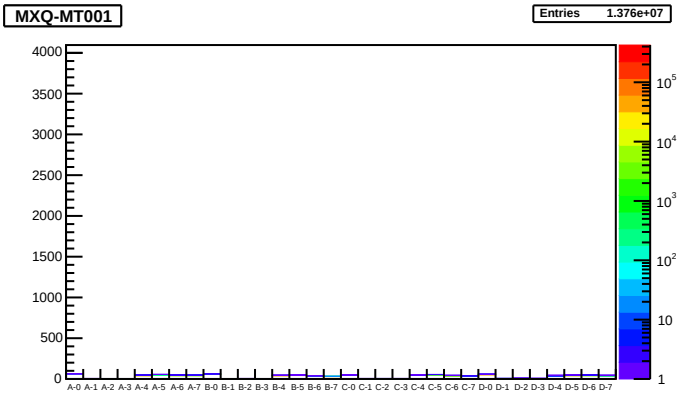

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

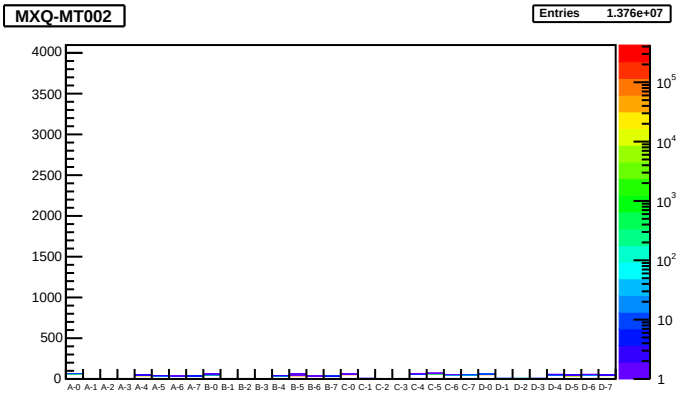

L2-TF201 Input chn 6 -- Number of Muons
Entries 430000
Number of Muons

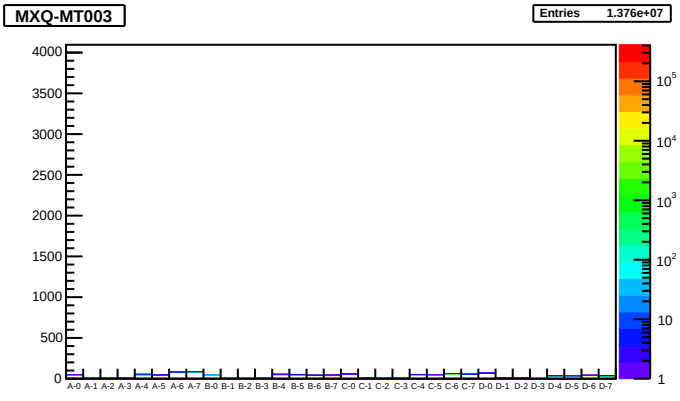

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

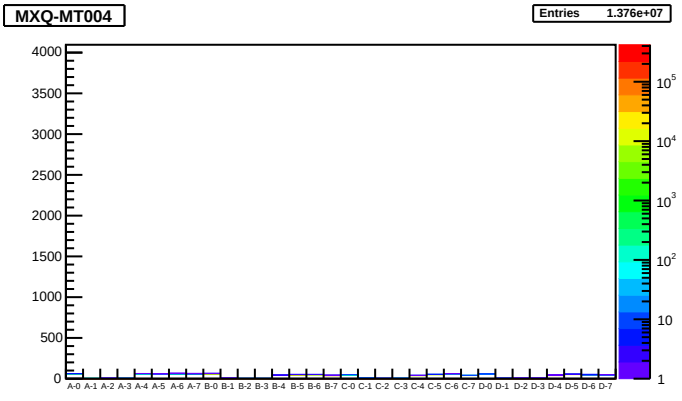

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1290000
430000
430000
430000
Hit
Cosmic-Ray
Timed-Cosmic-Ray

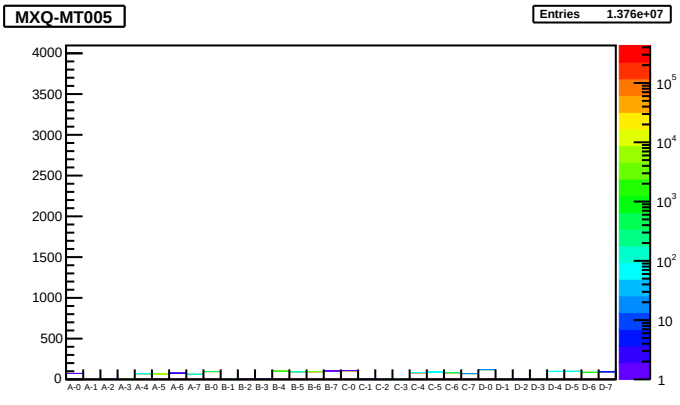

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

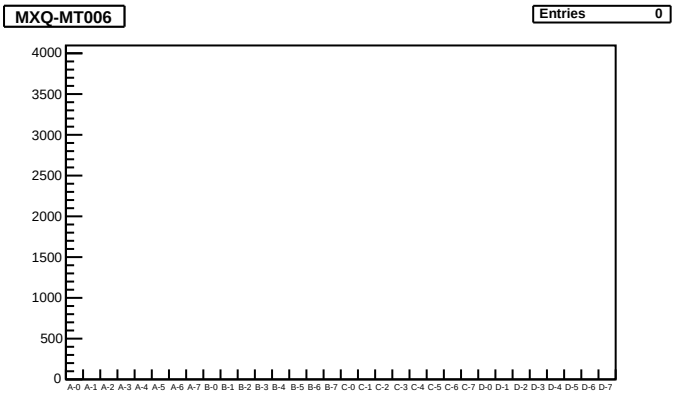

MXQ-MT001
Entries 1.376e+07

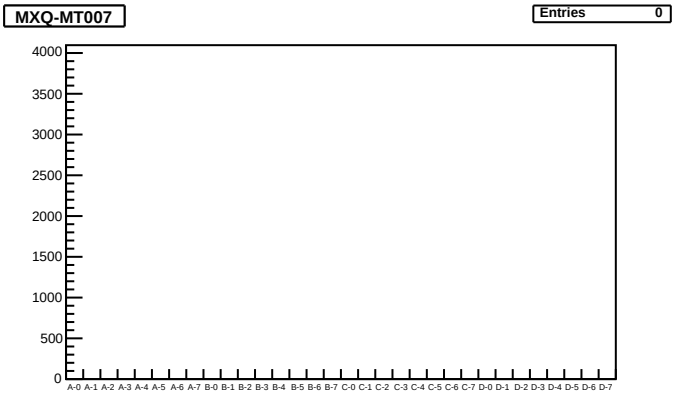

MXQ-MT002
Entries 1.376e+07

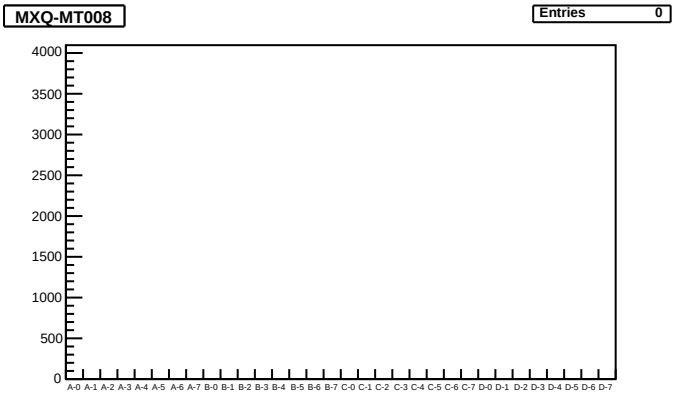

MXQ-MT003
Entries 1.376e+07

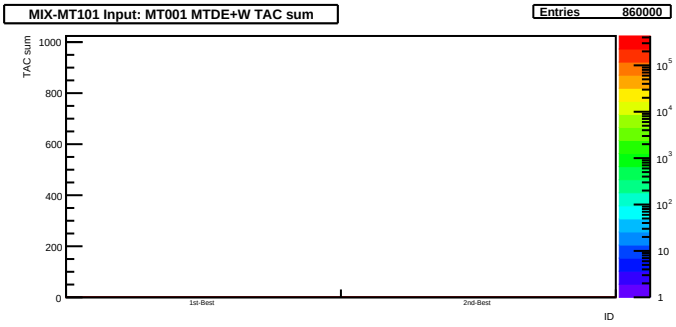

MXQ-MT004
Entries 1.376e+07

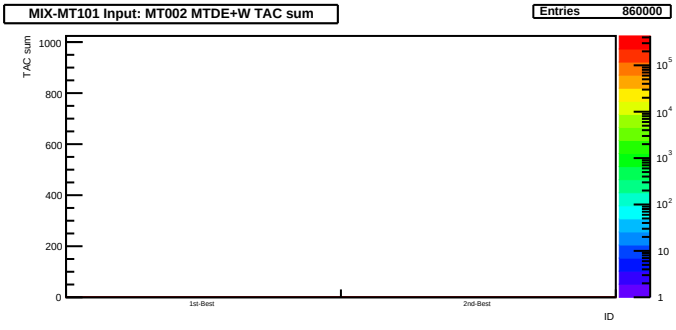

MXQ-MT005
Entries 1.376e+07

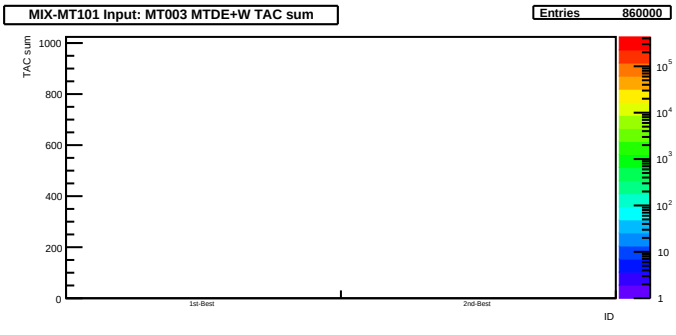

MXQ-MT006
Entries 0

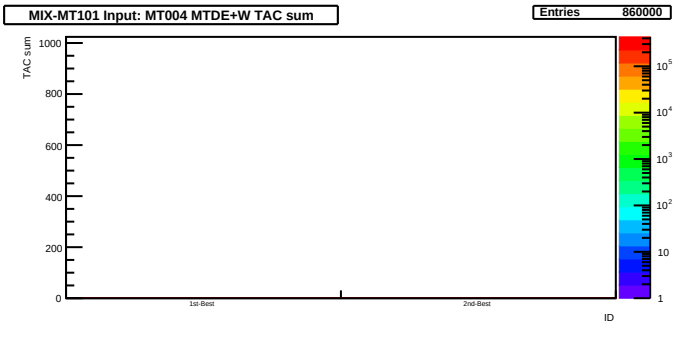

MXQ-MT007
Entries 0

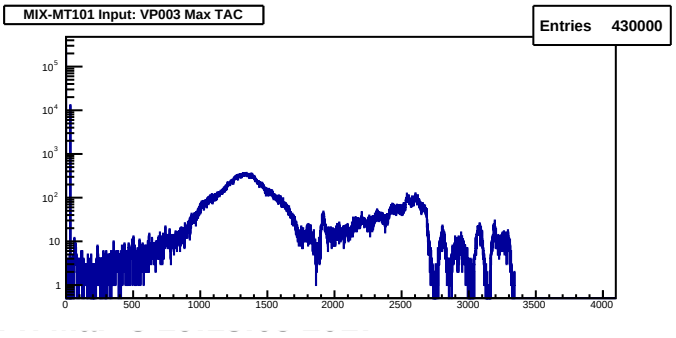

MXQ-MT008
Entries 0

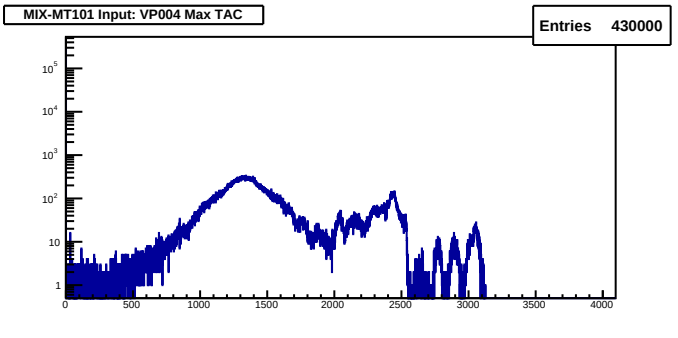

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 860000
TAC sum
1st-Best
2nd-Best
ID

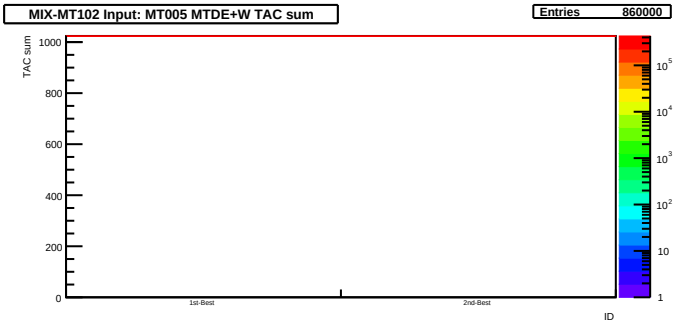

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 860000
TAC sum
1st-Best
2nd-Best
ID

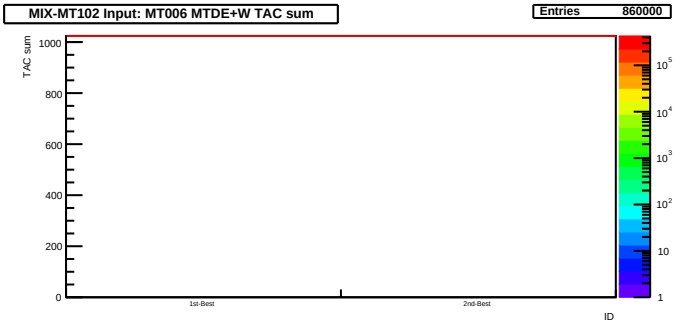

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 860000
TAC sum
1st-Best
2nd-Best
ID

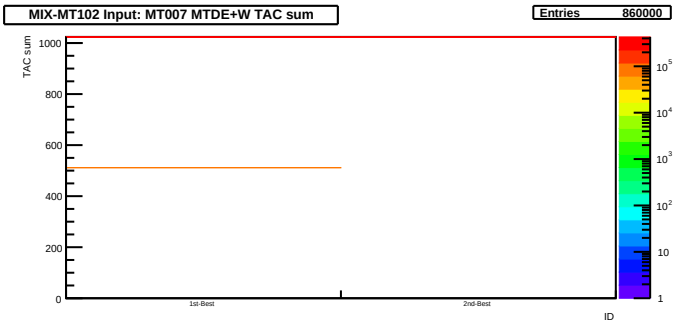

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 860000
TAC sum
1st-Best
2nd-Best
ID

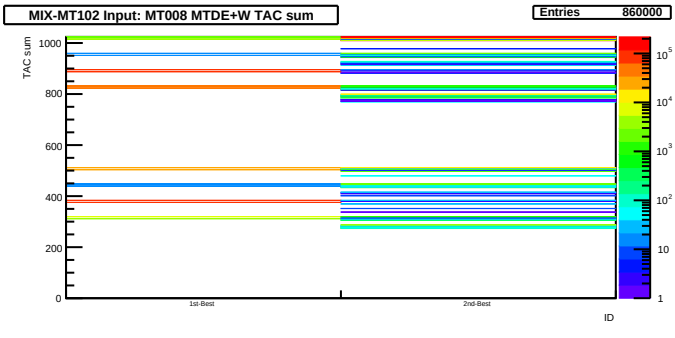

MIX-MT101 Input: VP003 Max TAC
Entries 430000

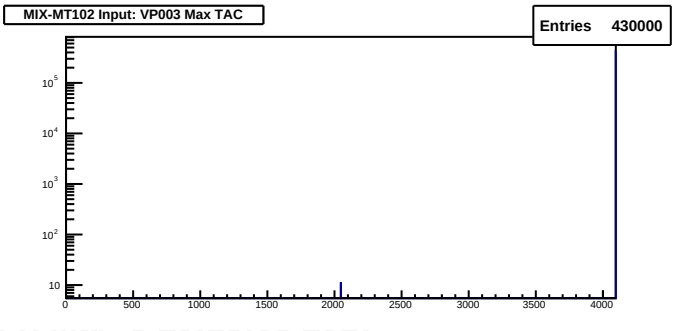

MIX-MT101 Input: VP004 Max TAC
Entries 430000

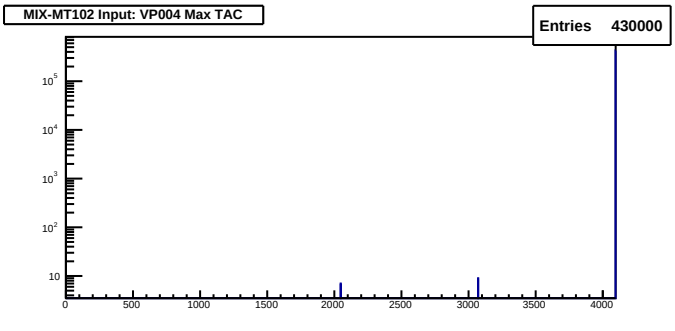

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 860000
TAC sum
1st-Best
2nd-Best
ID

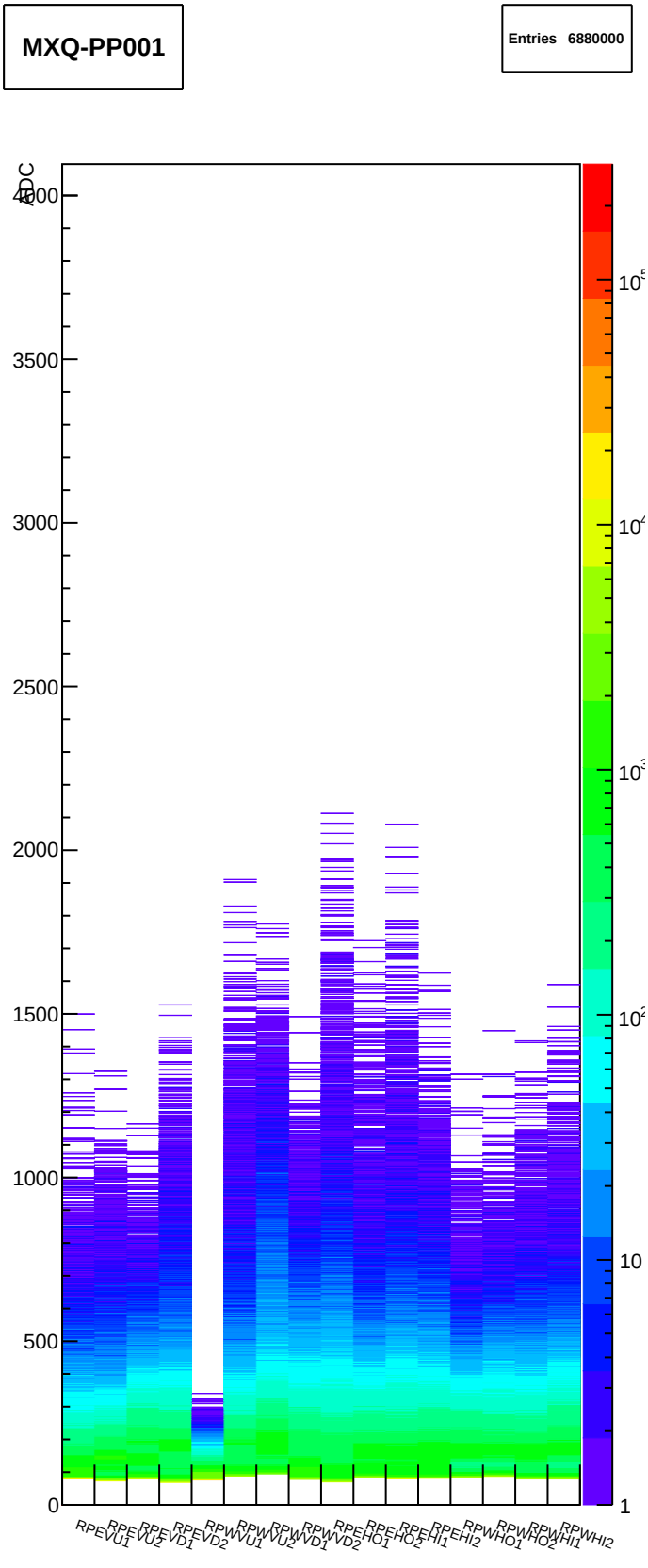

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 860000
TAC sum
1st-Best
2nd-Best
ID

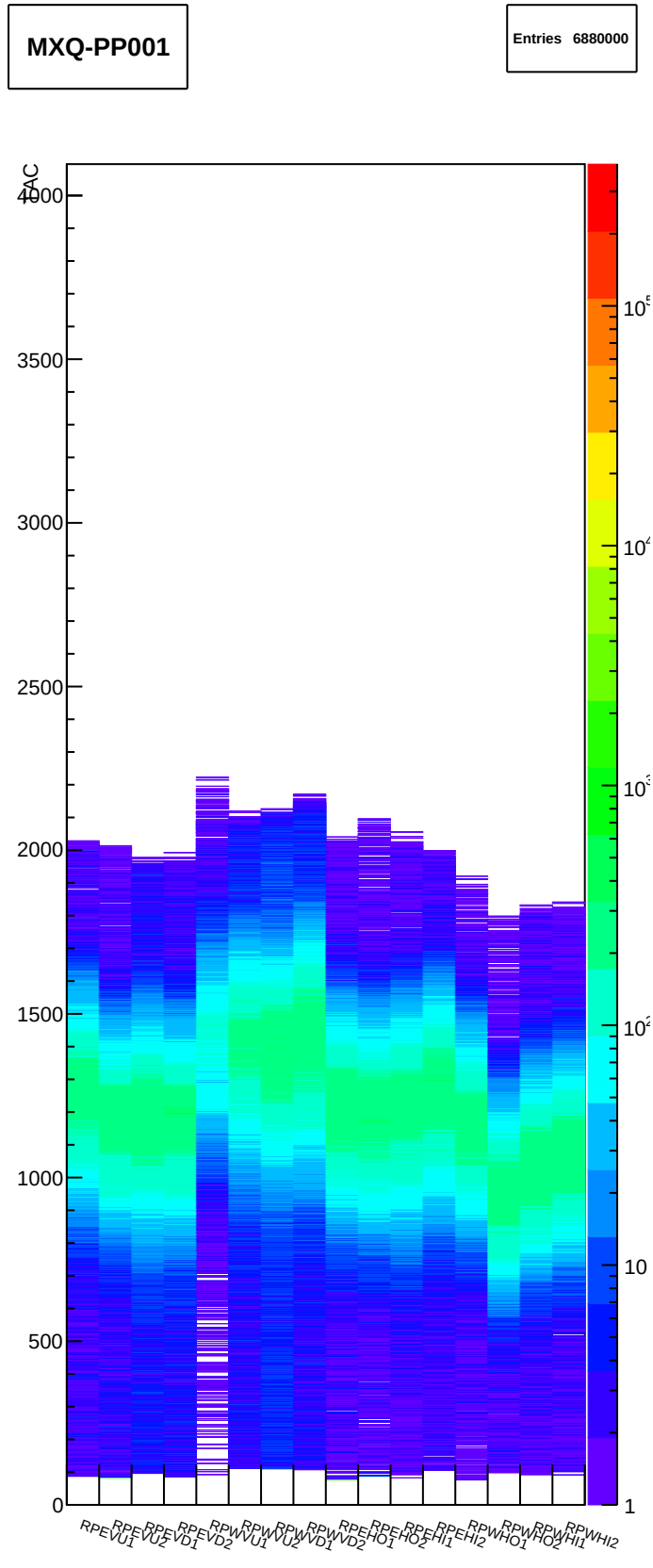

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 860000
TAC sum
1st-Best
2nd-Best
ID

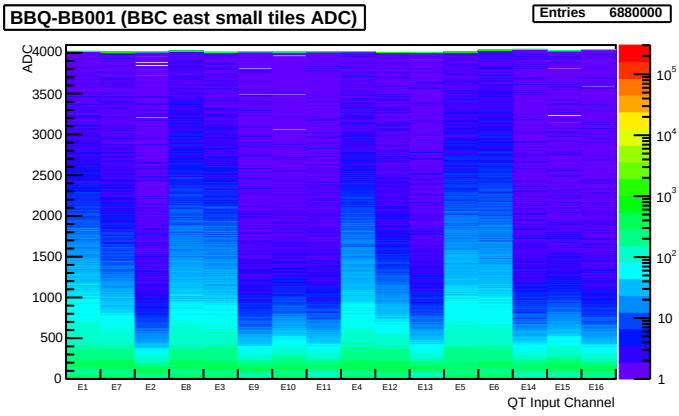

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 860000
TAC sum
1st-Best
2nd-Best
ID

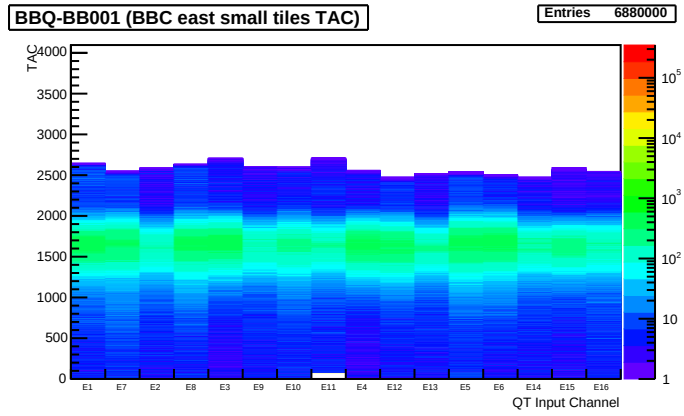

MIX-MT102 Input: VP003 Max TAC
Entries 430000

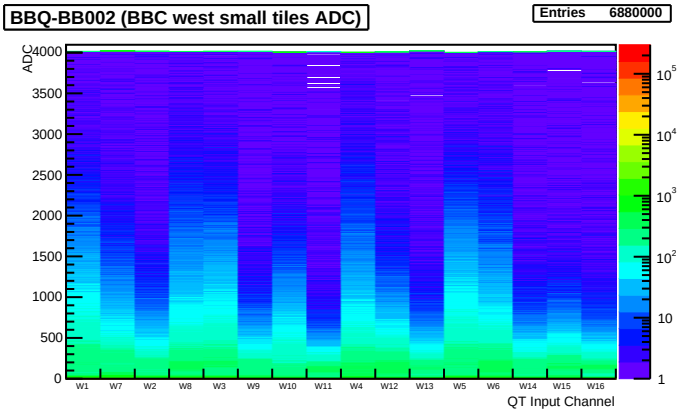

MIX-MT102 Input: VP004 Max TAC
Entries 430000

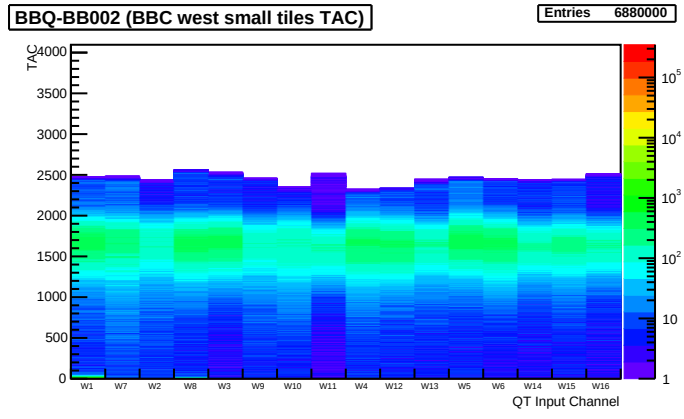

MXQ-PP001
Entries 6880000
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

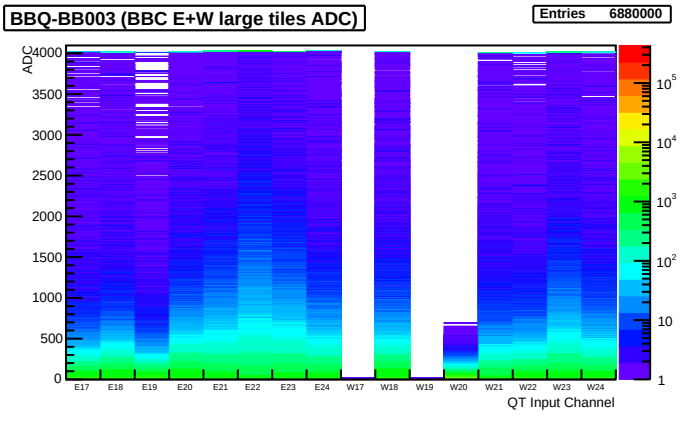

MXQ-PP001
Entries 6880000
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

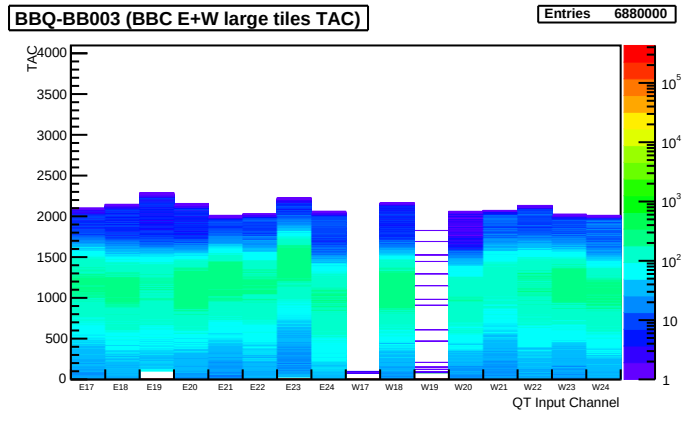

BBQ-BB001 (BBC east small tiles ADC)
Entries 6880000
ADC
QT Input Channel

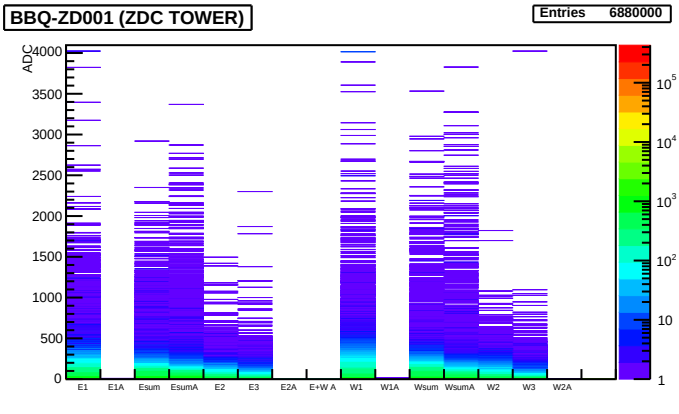

BBQ-BB001 (BBC east small tiles TAC)
Entries 6880000
TAC
QT Input Channel

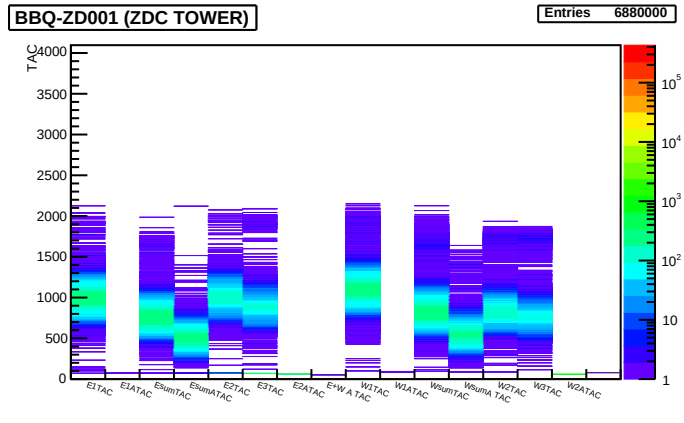

BBQ-BB002 (BBC west small tiles ADC)
Entries 6880000
ADC
QT Input Channel

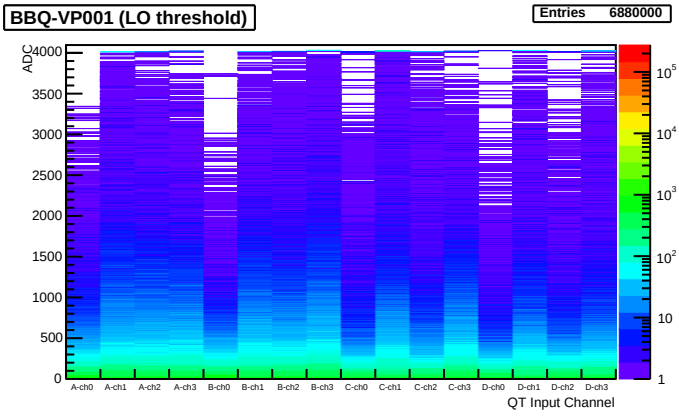

BBQ-BB002 (BBC west small tiles TAC)
Entries 6880000
TAC
QT Input Channel

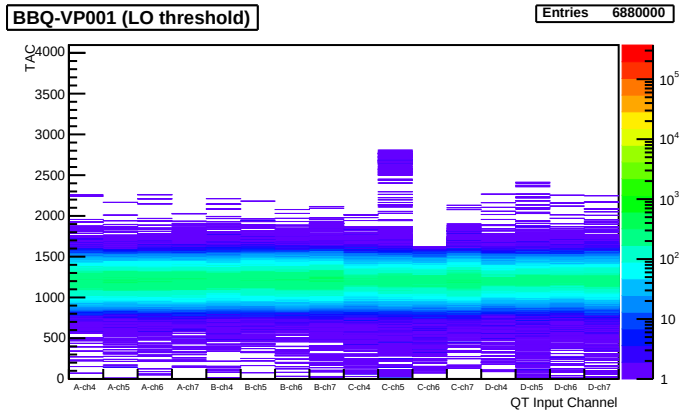

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 6880000
ADC
QT Input Channel

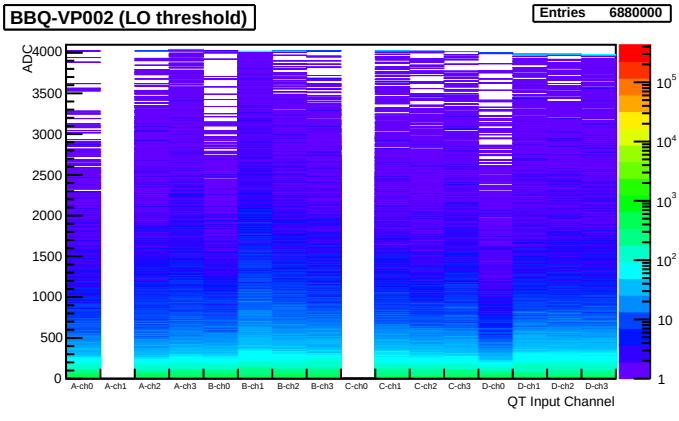

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 6880000
TAC
QT Input Channel

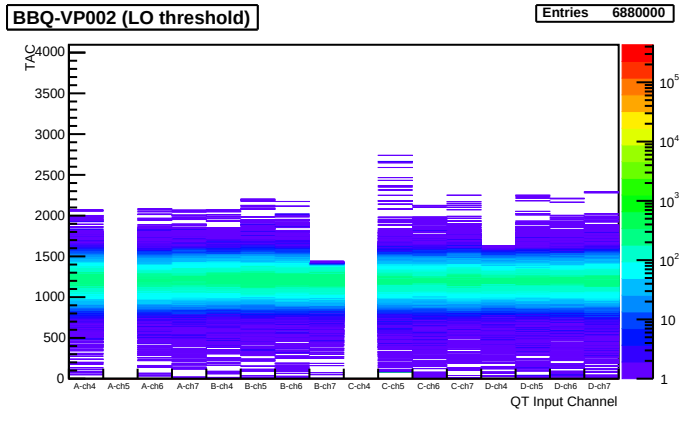

BBQ-ZD001 (ZDC TOWER)
Entries 6880000
ADC

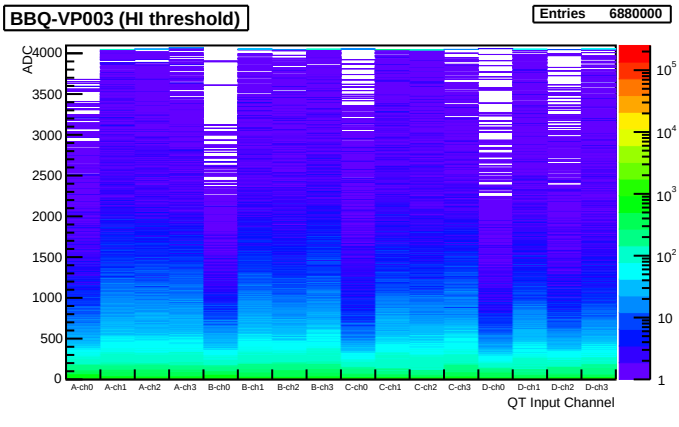

BBQ-ZD001 (ZDC TOWER)
Entries 6880000
TAC

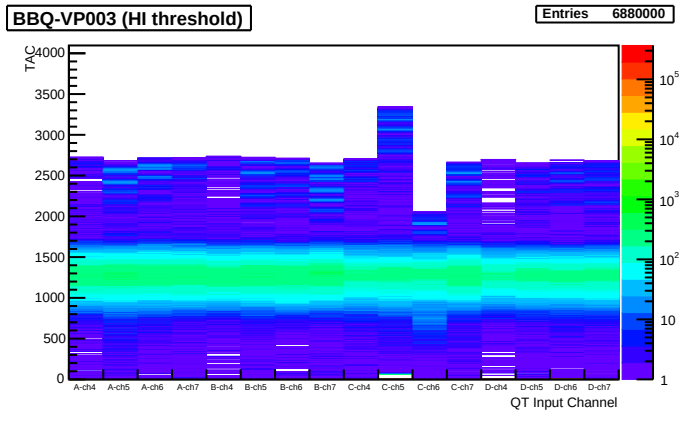

BBQ-VP001 (LO threshold)
Entries 6880000
ADC
QT Input Channel

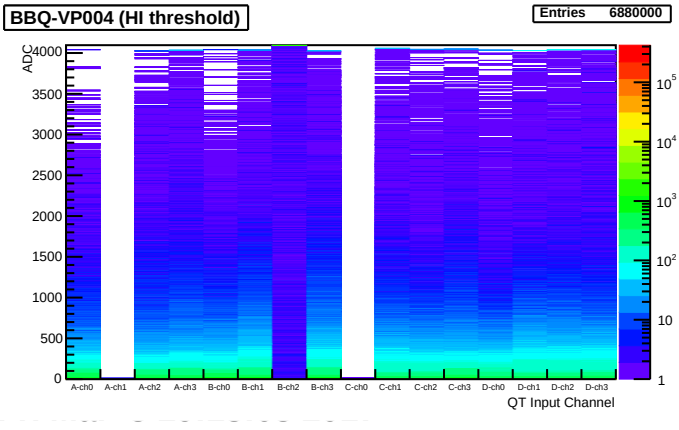

BBQ-VP001 (LO threshold)
Entries 6880000
TAC
QT Input Channel

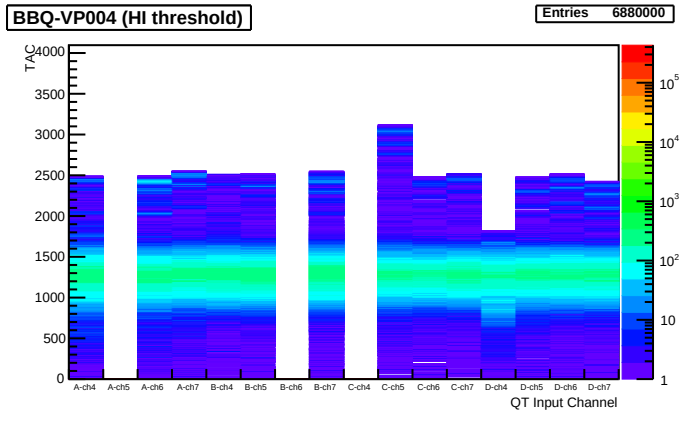

BBQ-VP002 (LO threshold)
Entries 6880000
ADC
QT Input Channel

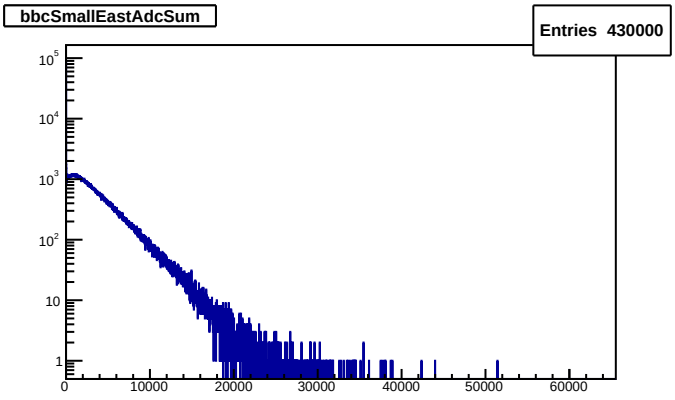

BBQ-VP002 (LO threshold)
Entries 6880000
TAC
QT Input Channel

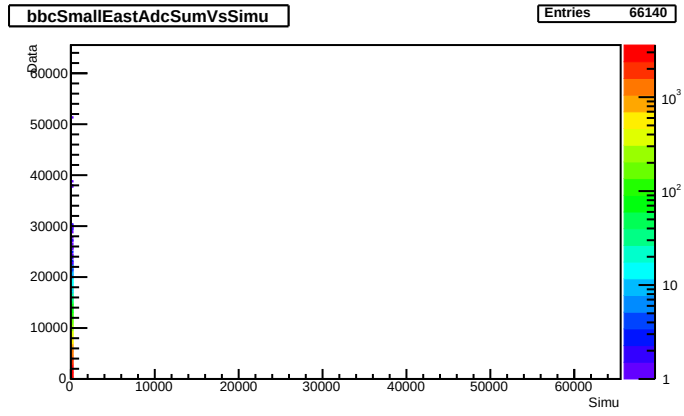

BBQ-VP003 (HI threshold)
Entries 6880000
ADC
QT Input Channel

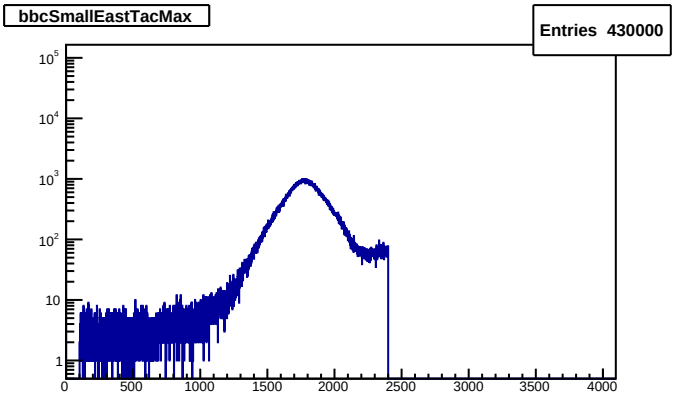

BBQ-VP003 (HI threshold)
Entries 6880000
TAC
QT Input Channel

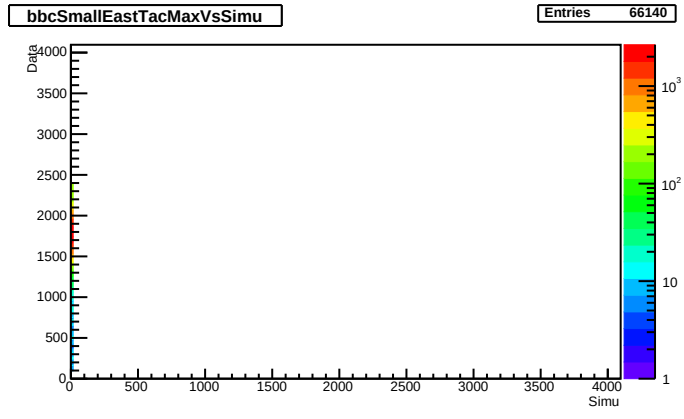

BBQ-VP004 (HI threshold)
Entries 6880000
ADC
QT Input Channel

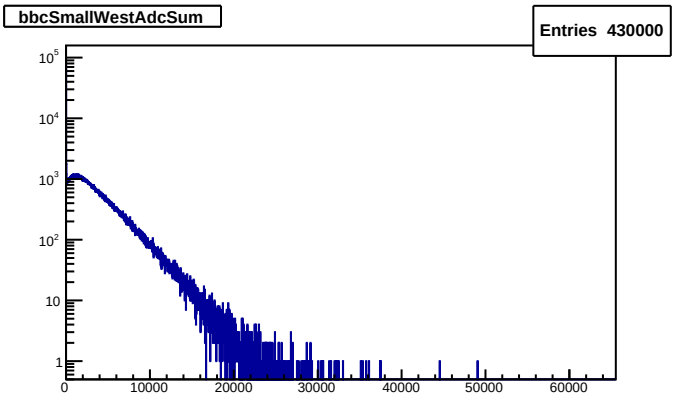

BBQ-VP004 (HI threshold)
Entries 6880000
TAC
QT Input Channel

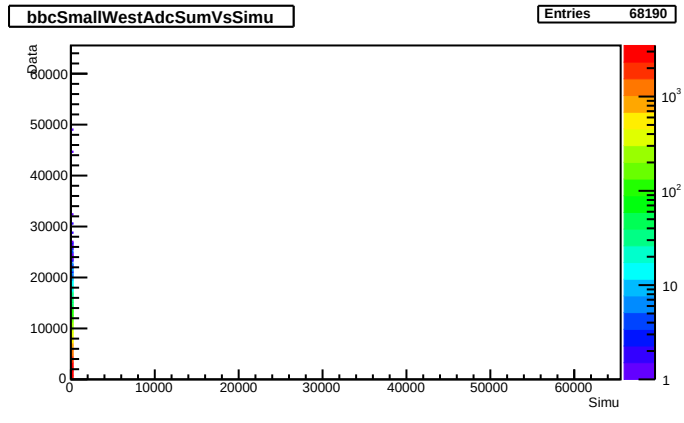

bbcSmallEastAdcSum
Entries 430000

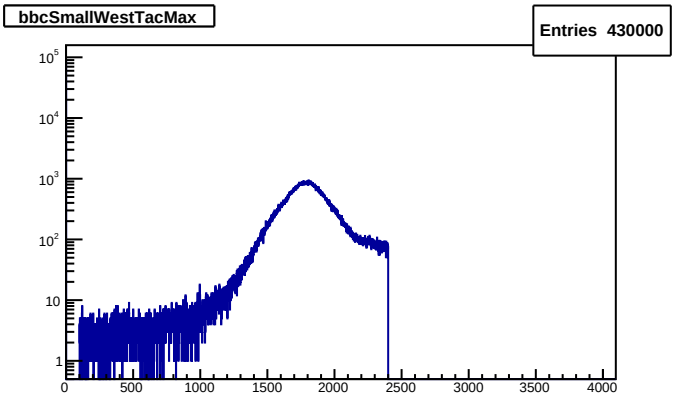

bbcSmallEastAdcSumVsSimu
Entries 66140
Data
Simu

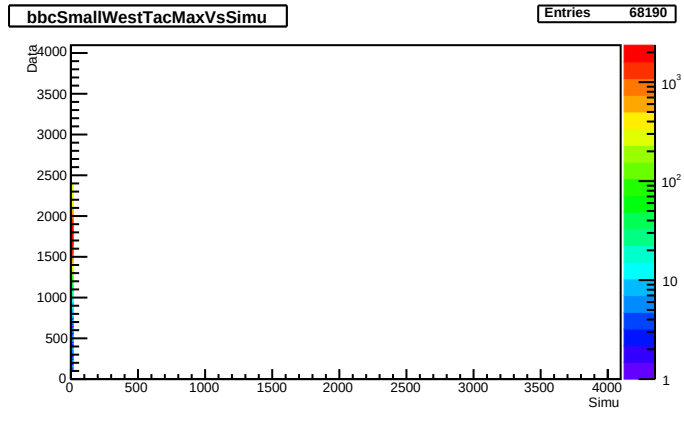

bbcSmallEastTacMax
Entries 430000

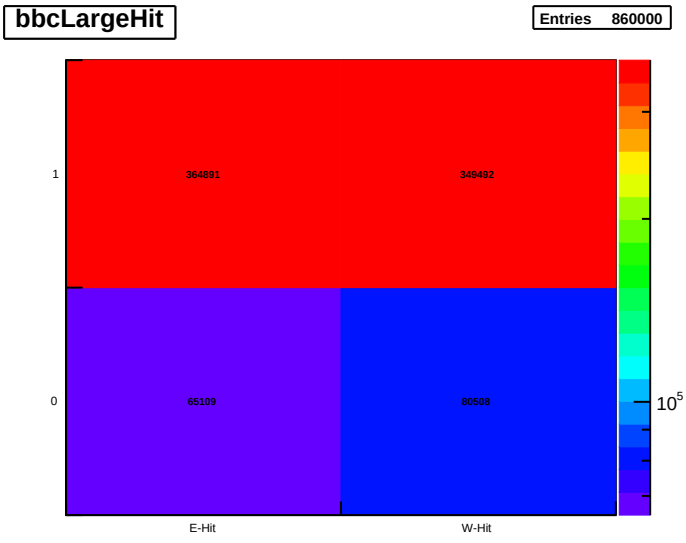

bbcSmallEastTacMaxVsSimu
Entries 66140
Data
Simu

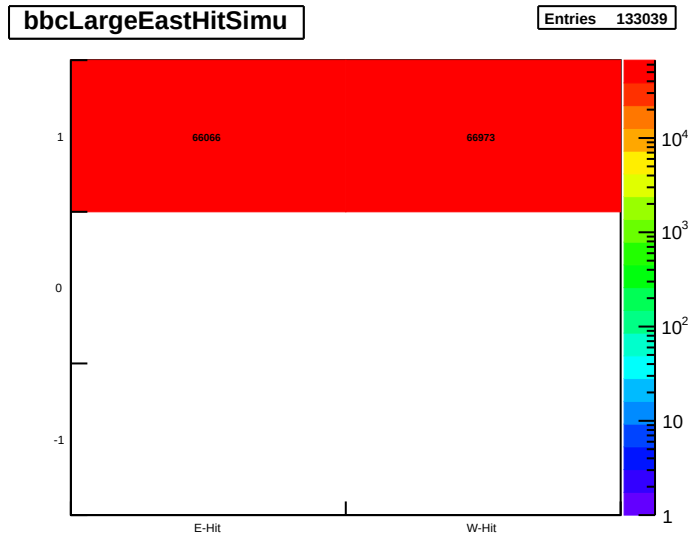

bbcSmallWestAdcSum
Entries 430000

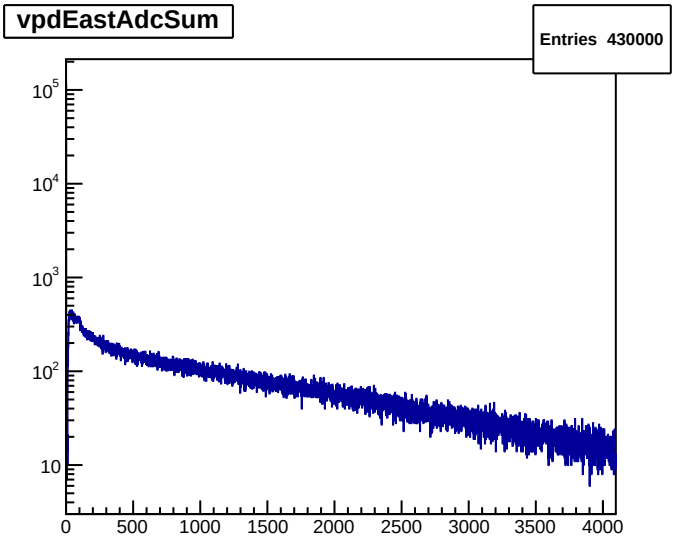

bbcSmallWestAdcSumVsSimu
Entries 68190
Data
Simu

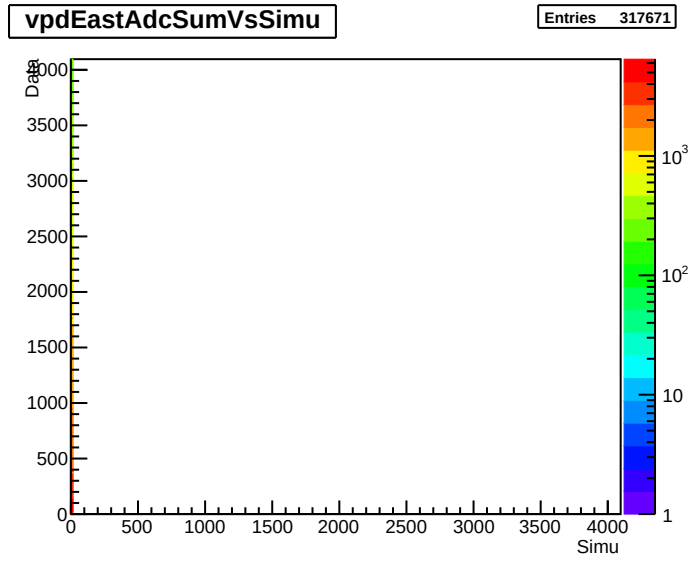

bbcSmallWestTacMax
Entries 430000

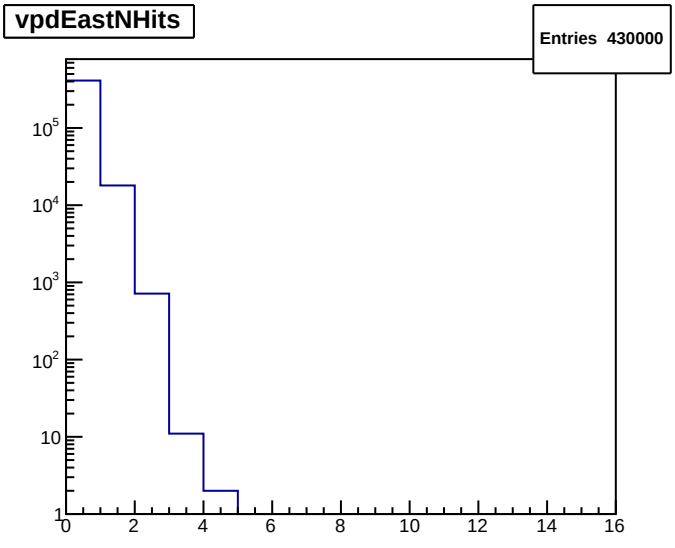

bbcSmallWestTacMaxVsSimu
Entries 68190
Data
Simu

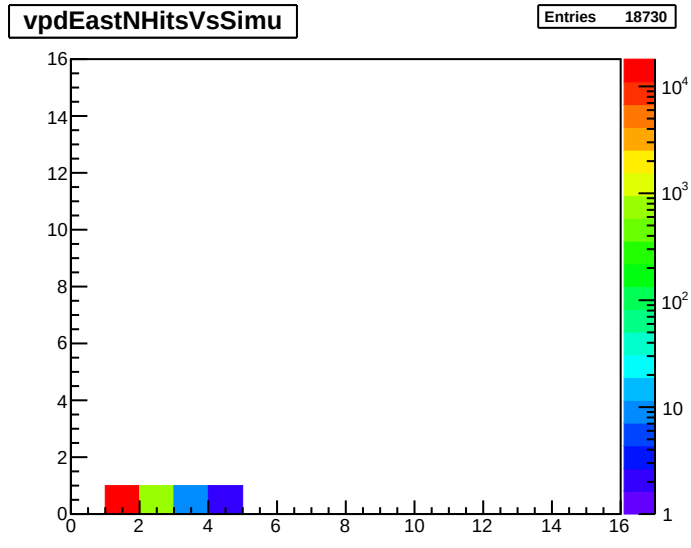

bbcLargeHit
Entries 860000
1
0
364891
349492
65109
80508
E-Hit
W-Hit
10^5

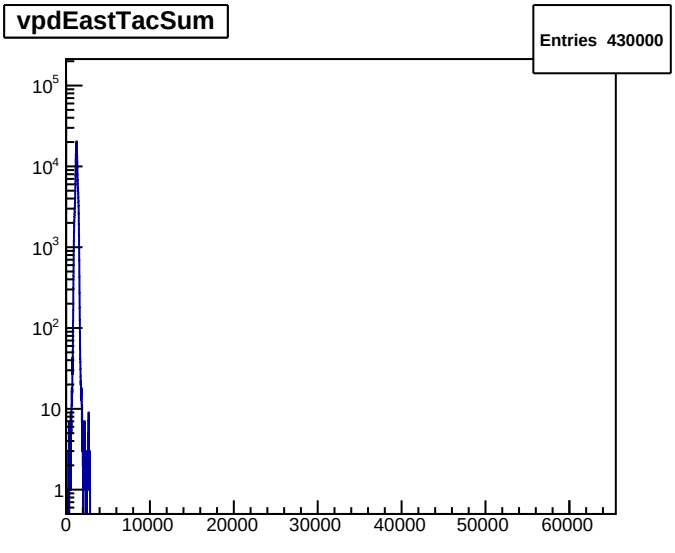

bbcLargeEastHitSimu
Entries 133039
1
0
-1
66066
66973
E-Hit
W-Hit
10^4
10^3
10^2
10
1

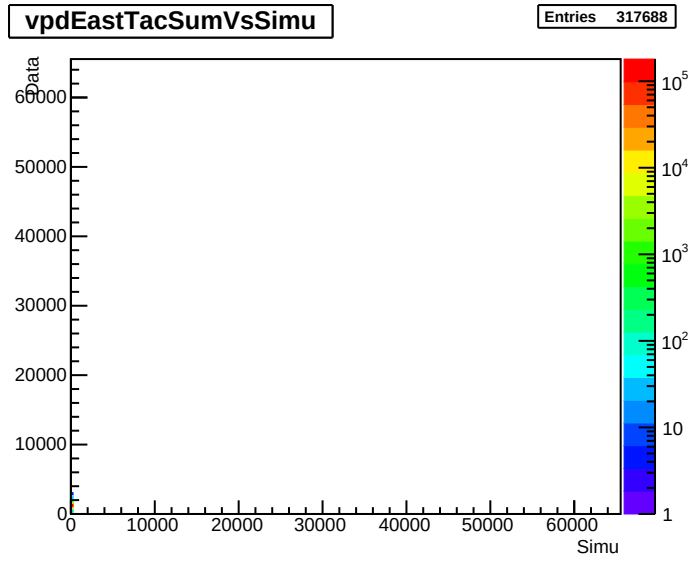

vpdEastAdcSum
Entries 430000

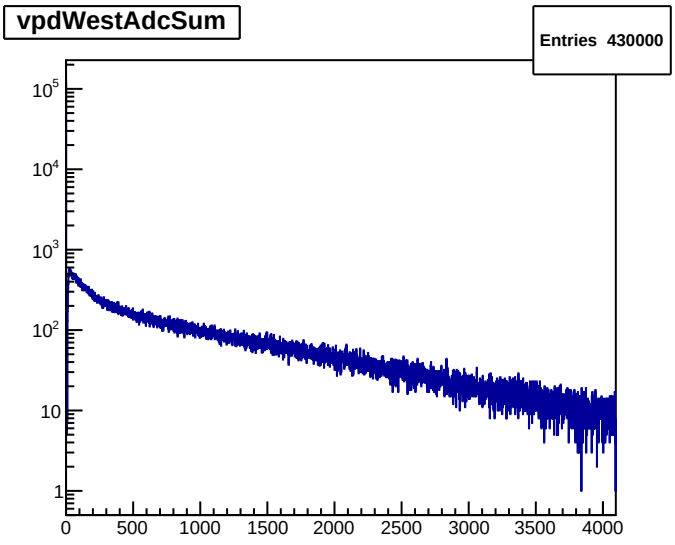

vpdEastAdcSumVsSimu
Entries 317671
Data
Simu

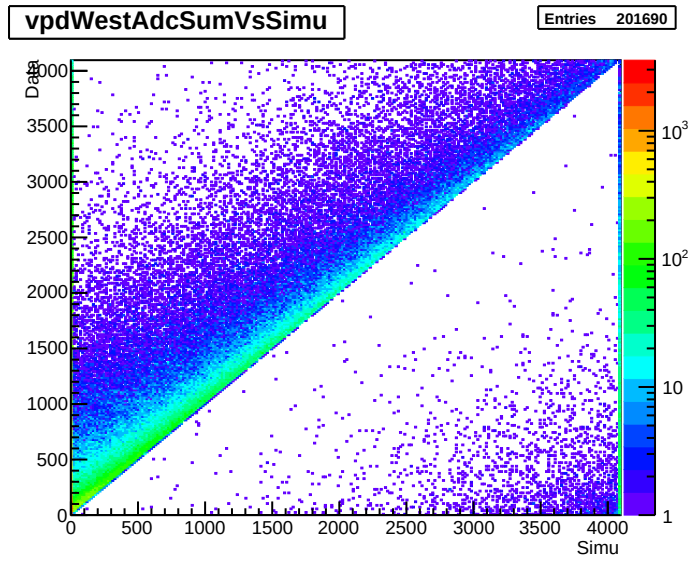

vpdEastNHits
Entries 430000

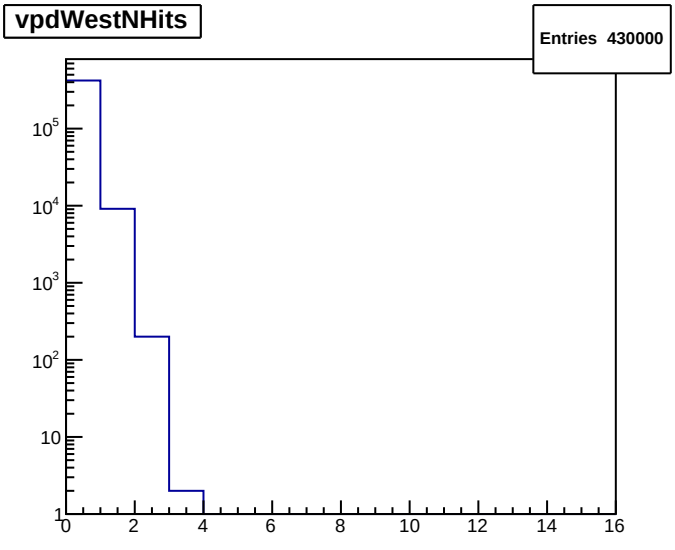

vpdEastNHitsVsSimu
Entries 18730

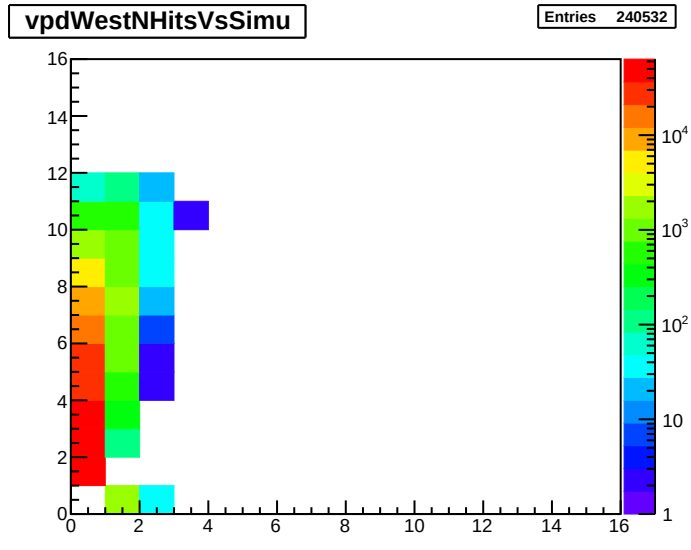

vpdEastTacSum
Entries 430000

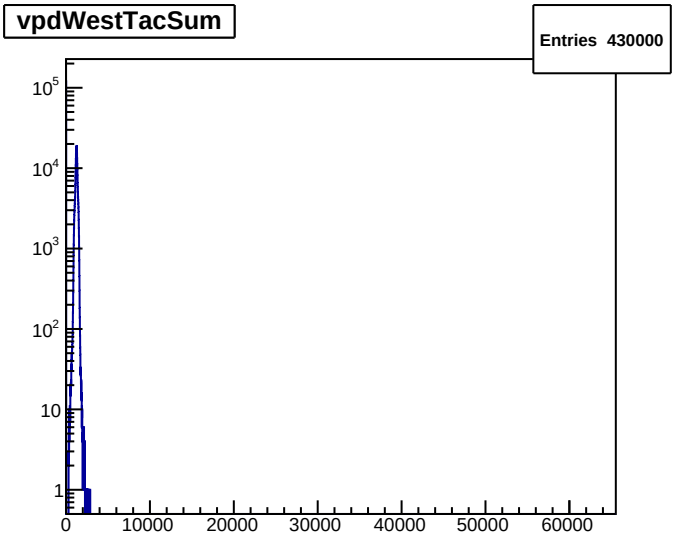

vpdEastTacSumVsSimu
Entries 317688
Data
Simu

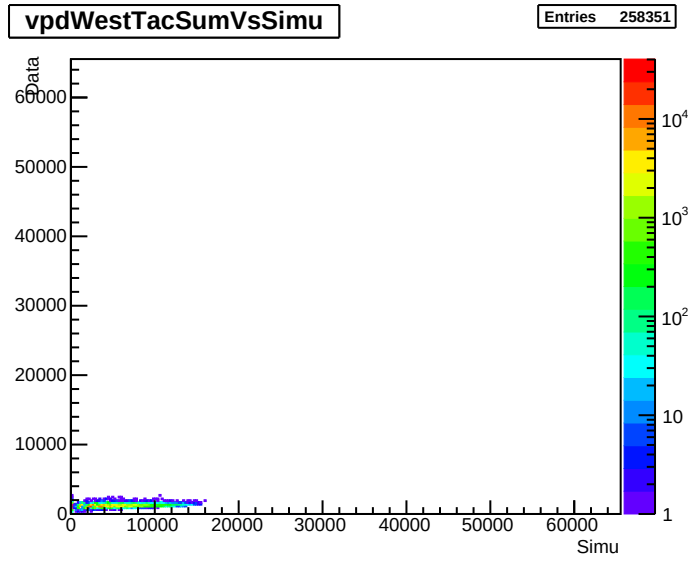

vpdWestAdcSum
Entries 430000

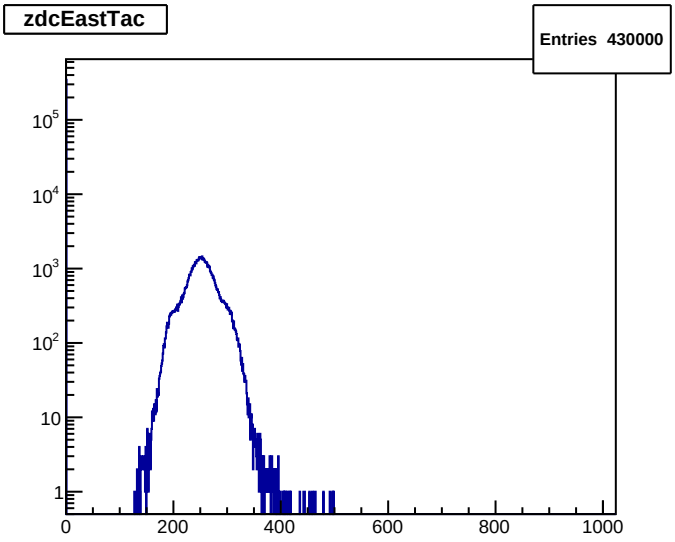

vpdWestAdcSumVsSimu
Entries 201690
Data
Simu

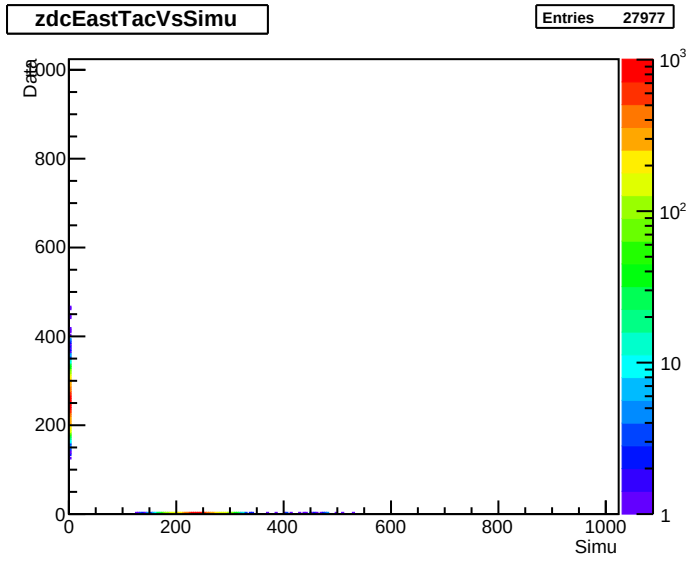

vpdWestNHits
Entries 430000

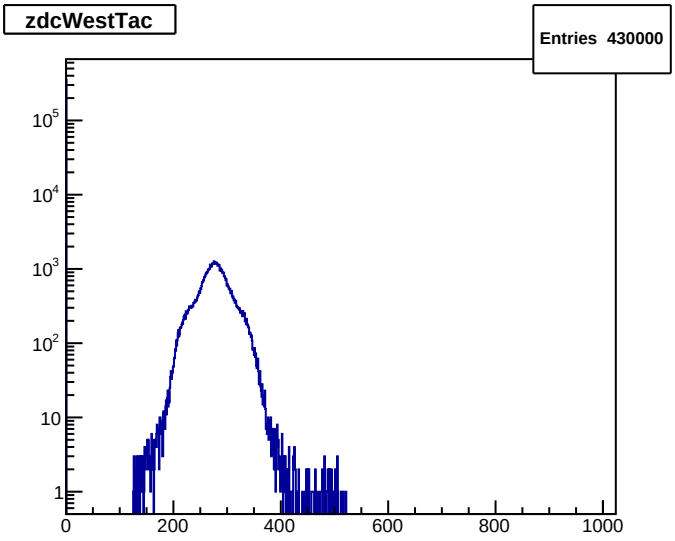

vpdWestNHitsVsSimu
Entries 240532

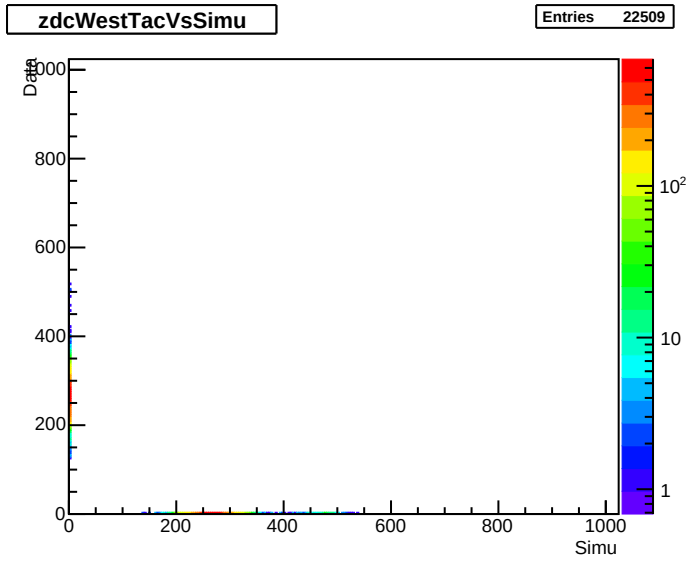

vpdWestTacSum
Entries 430000

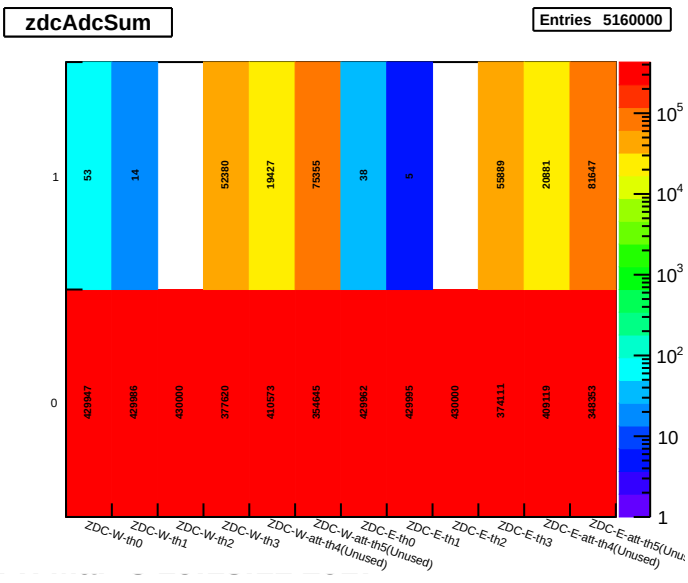

vpdWestTacSumVsSimu
Entries 258351
Data
Simu

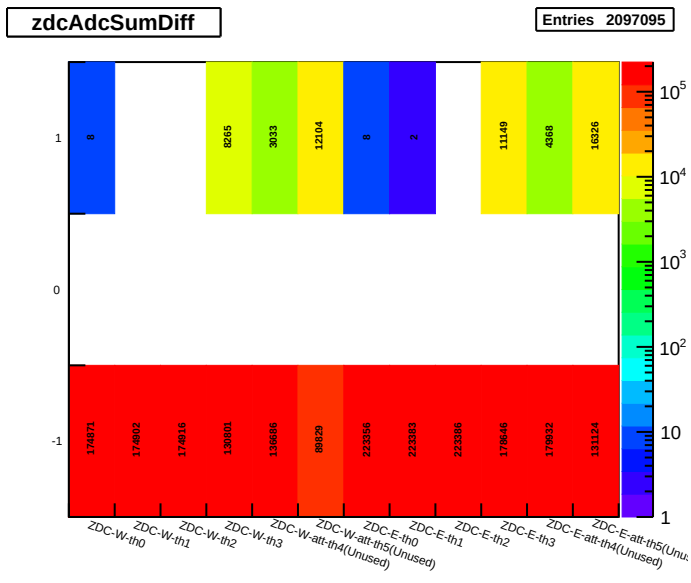

zdcEastTac
Entries 430000

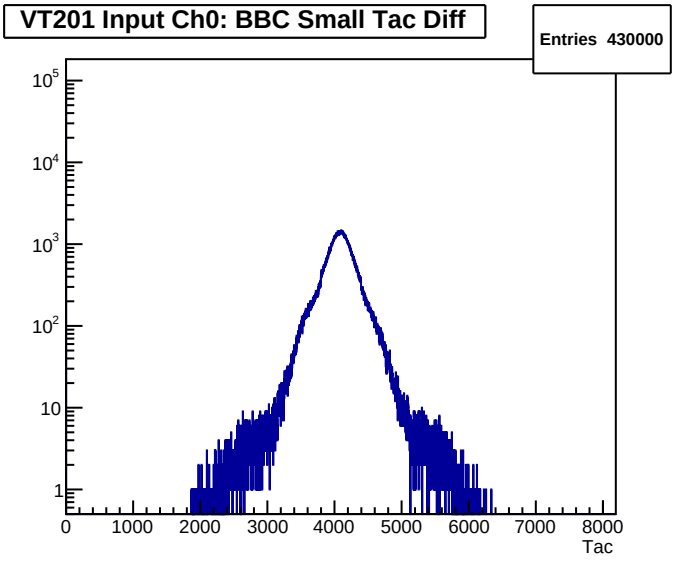

zdcEastTacVsSimu
Entries 27977
Data
Simu

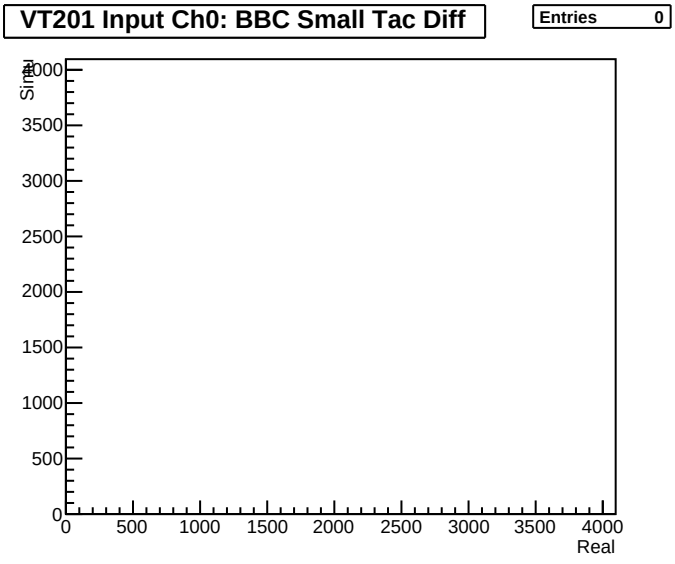

zdcWestTac
Entries 430000

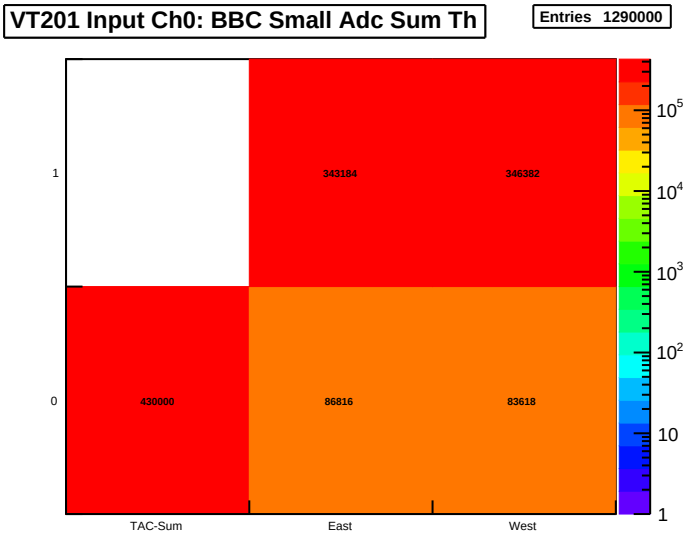

zdcWestTacVsSimu
Entries 22509
Data
Simu

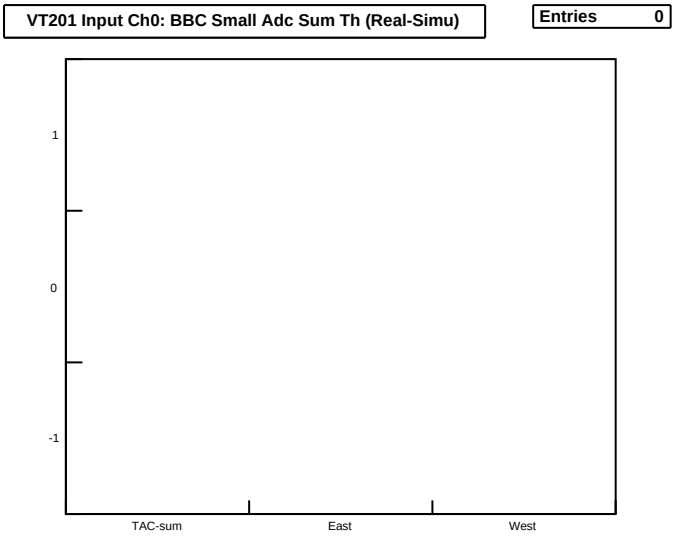

zdcAdcSum
Entries 5160000
53
14
52380
19427
75355
38
5
55889
20881
81647
429947
429886
430000
377620
410573
354645
429962
429995
430000
374111
409119
348353
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

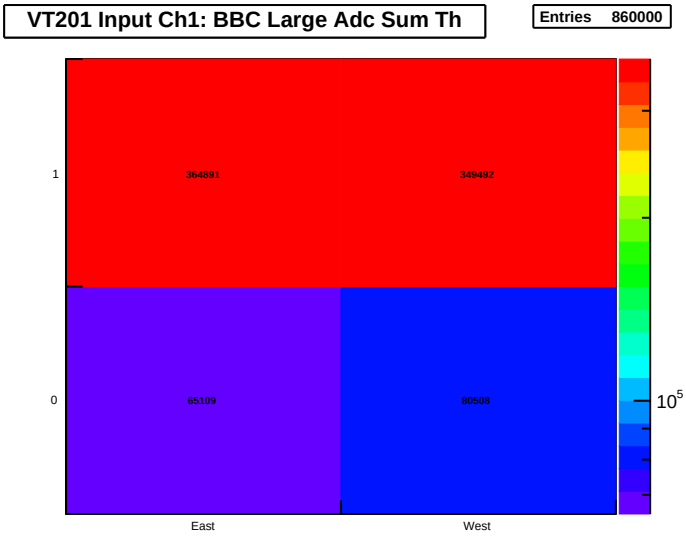

zdcAdcSumDiff
Entries 2097095
8
8265
3033
12104
8
2
11149
4368
16326
174871
174902
174916
130801
136686
89829
223356
223383
223386
178646
179932
131124
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

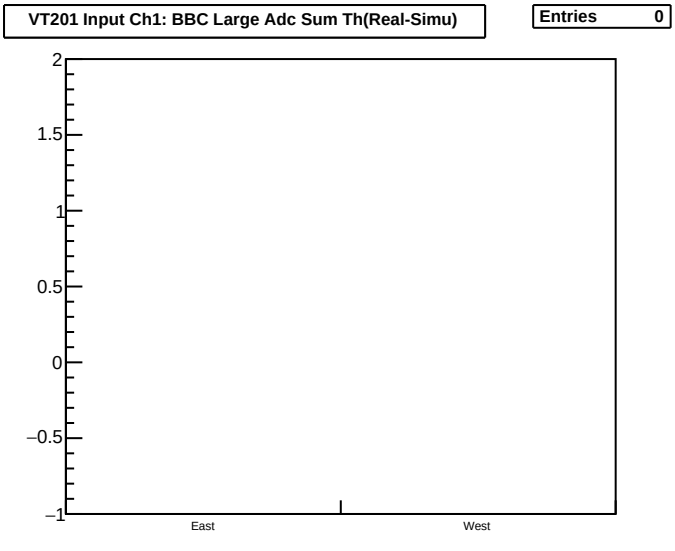

VT201 Input Ch0: BBC Small Tac Diff
Entries 430000
Tac


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

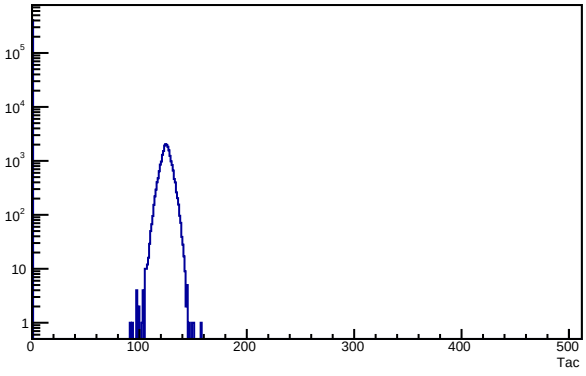

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1290000
343184
346382
430000
86816
83618
TAC-Sum
East
West


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

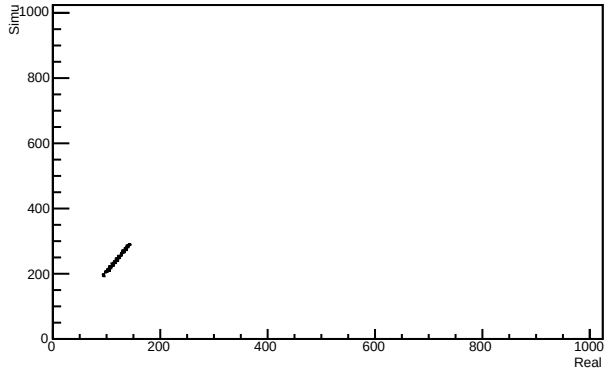

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 860000
364891
349492
65109
80508
East
West


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

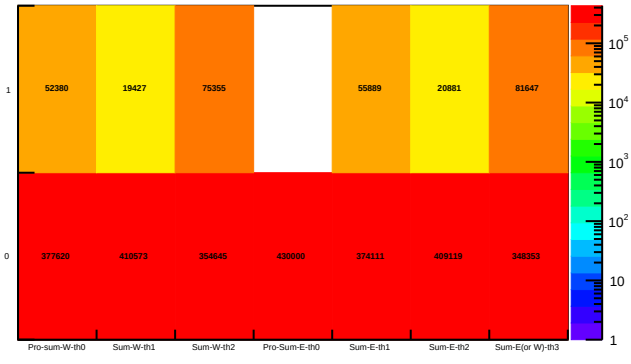
VT201 Input Ch2: ZDC Tac Diff



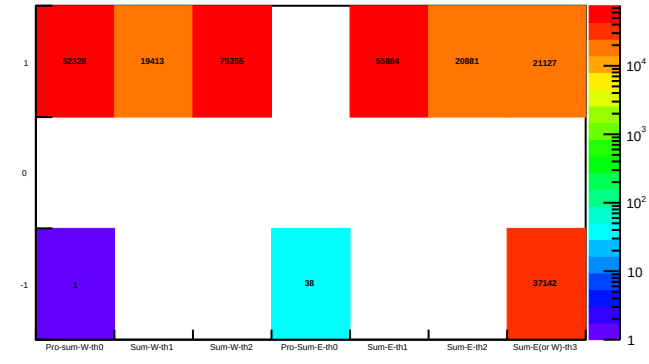
VT201 Input Ch2: ZDC Tac Diff



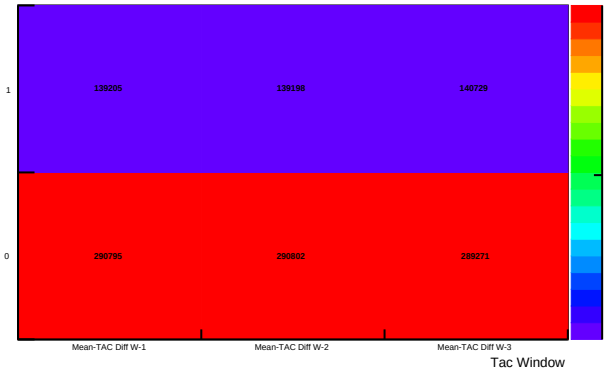
VT201 Input Ch2: ZDC Adc Sum Th



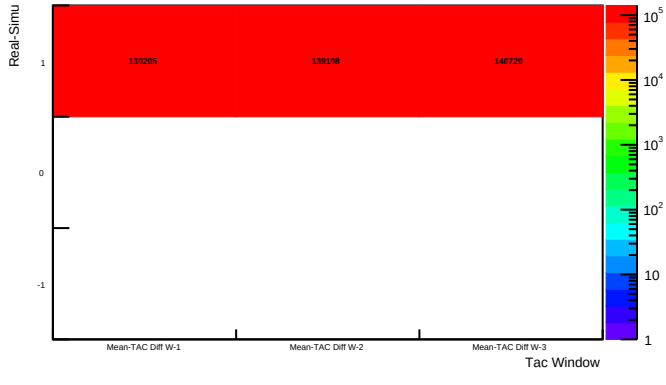
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



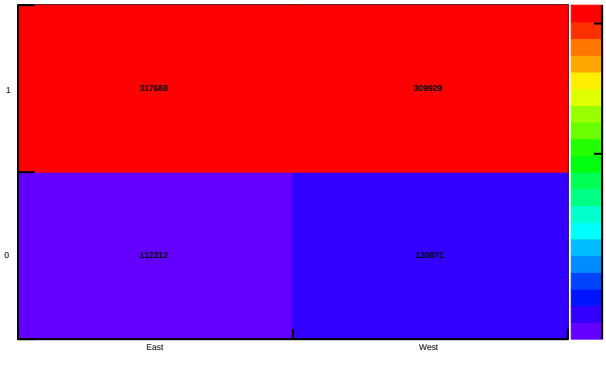
VT201 Input Ch4: VPD Tac Diff



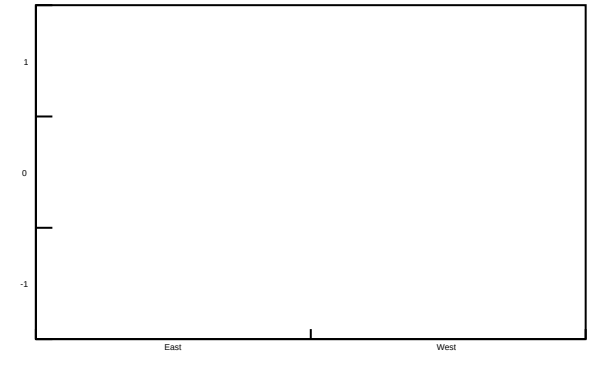
VT201 Input Ch4: VPD Tac Diff

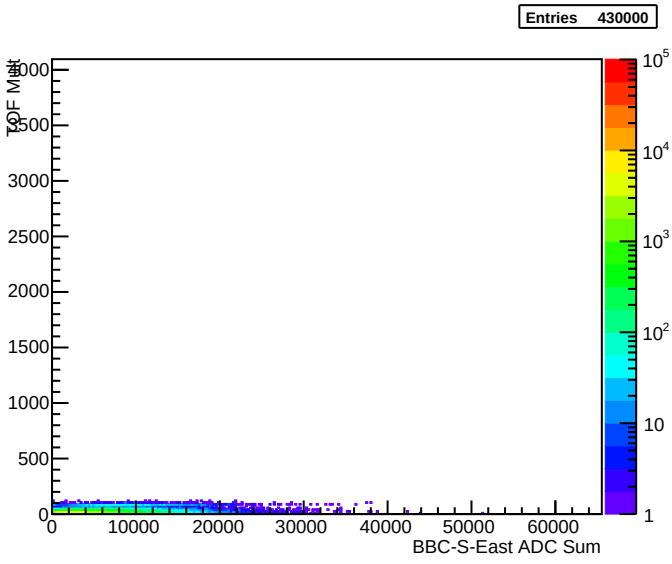


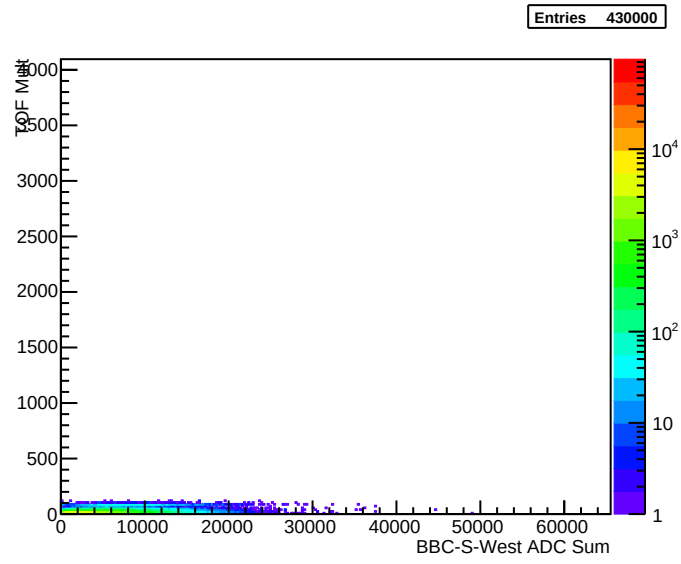
VT201 Input Ch4: VPD Adc Sum Th

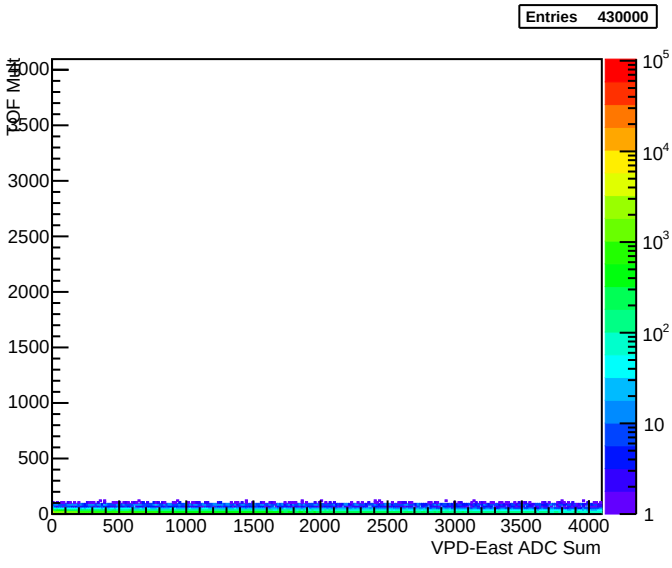


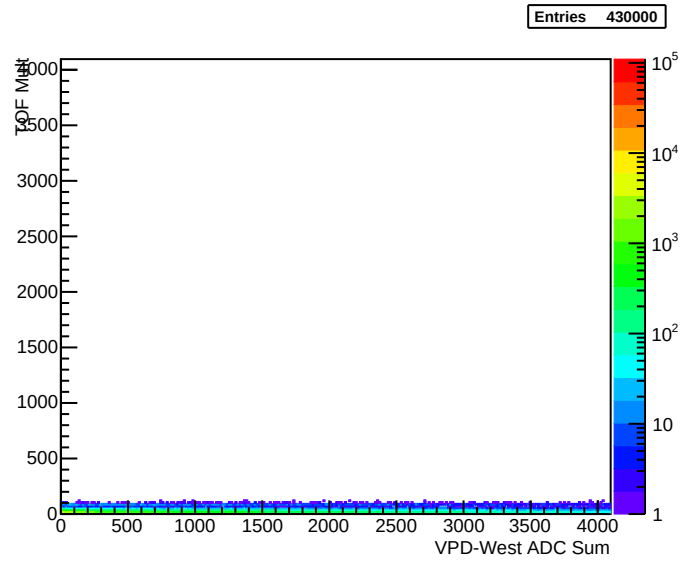
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

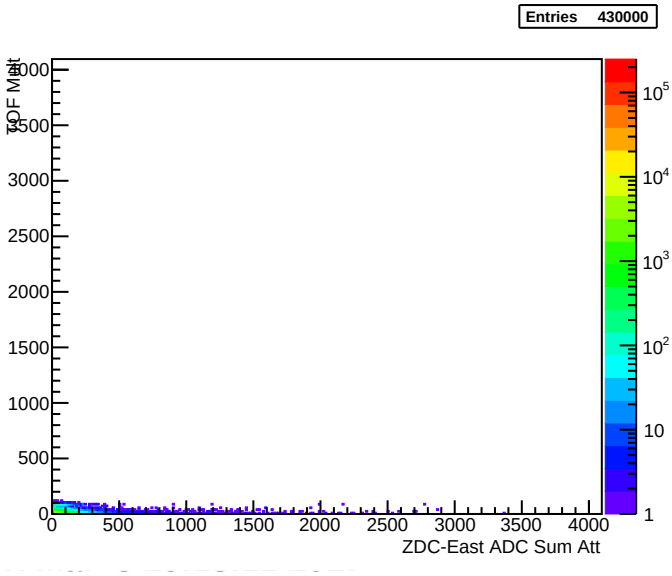


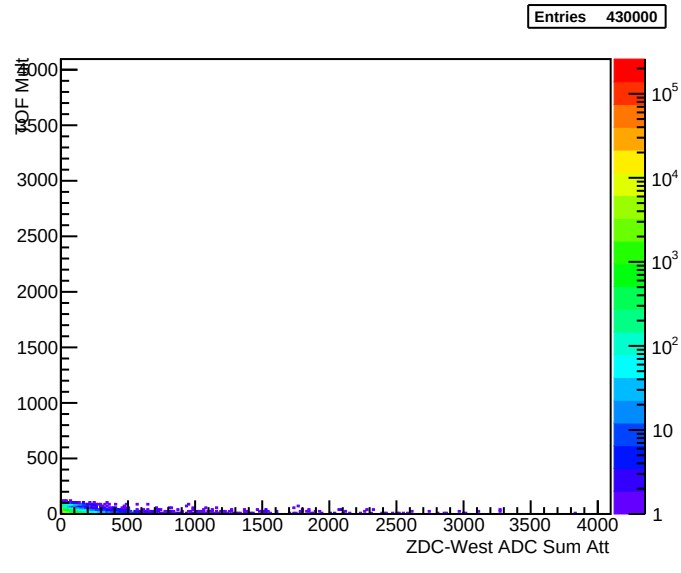

Entries 430000
TOF Mult
BBC-S-East ADC Sum

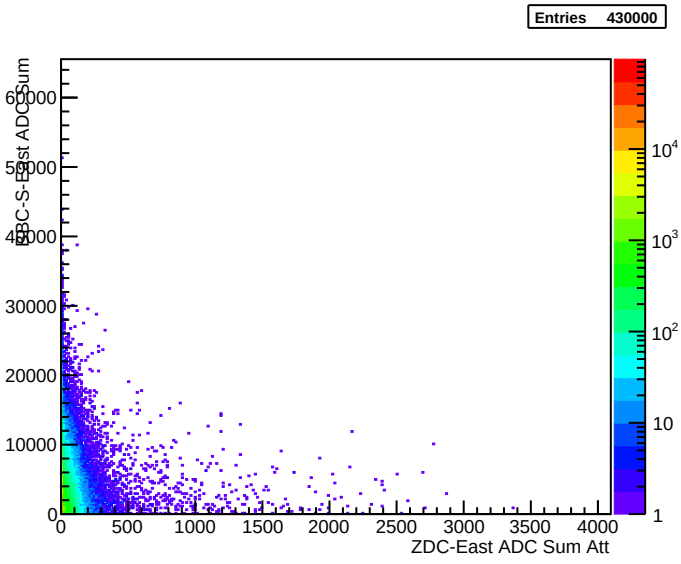

Entries 430000
TOF Mult
BBC-S-West ADC Sum

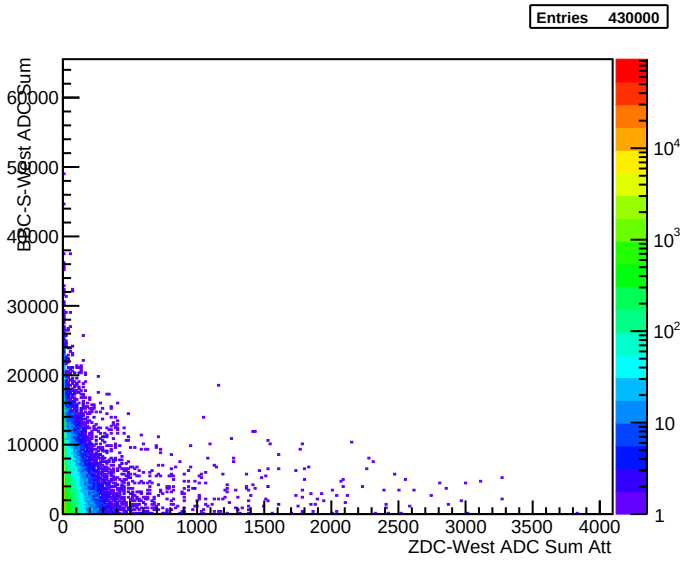

Entries 430000
TOF Mult
VPD-East ADC Sum

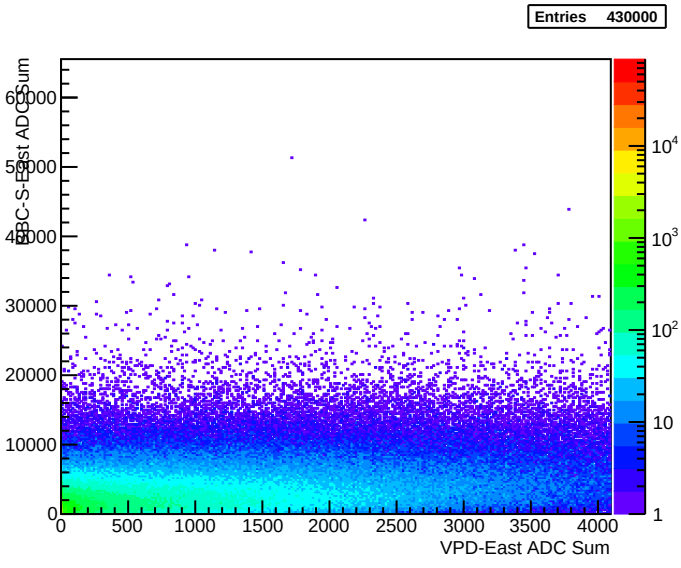

Entries 430000
TOF Mult
VPD-West ADC Sum

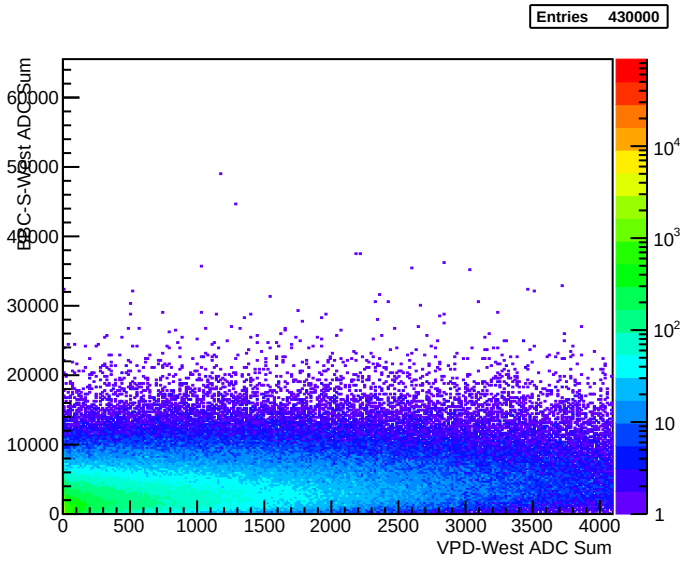

Entries 430000
TOF Mult
ZDC-East ADC Sum Att

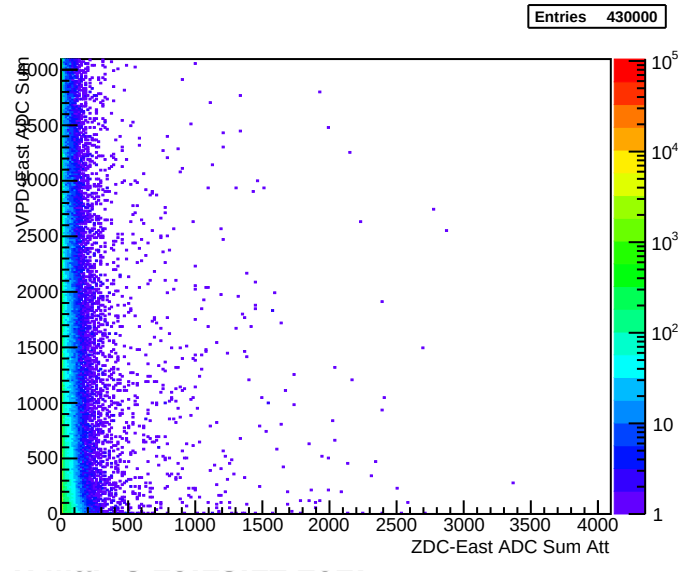

Entries 430000
TOF Mult
ZDC-West ADC Sum Att

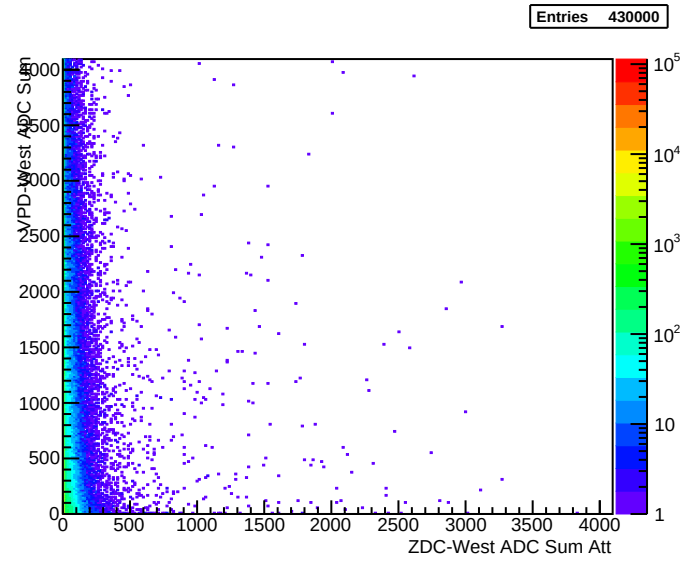

Entries 430000
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

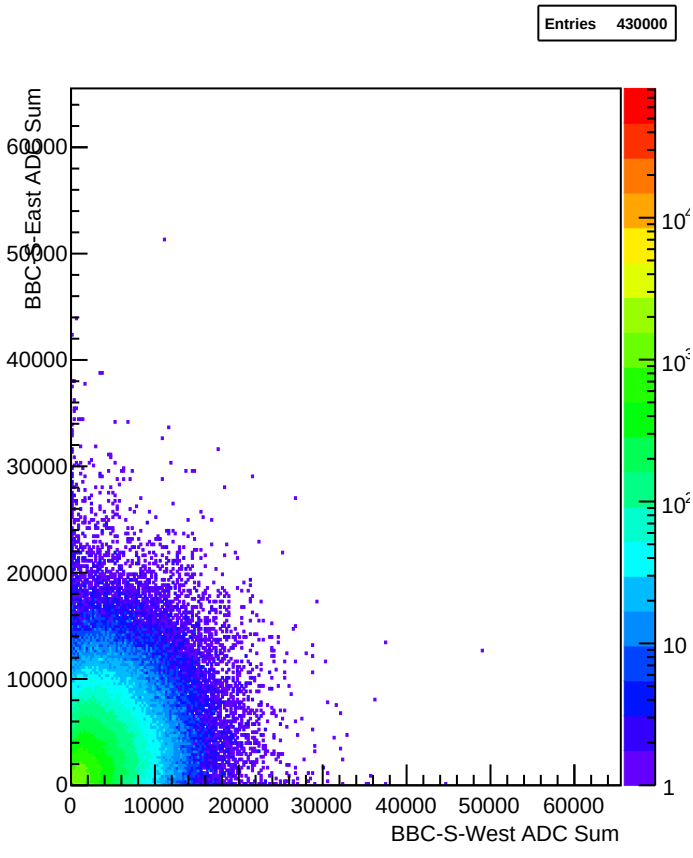

Entries 430000
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

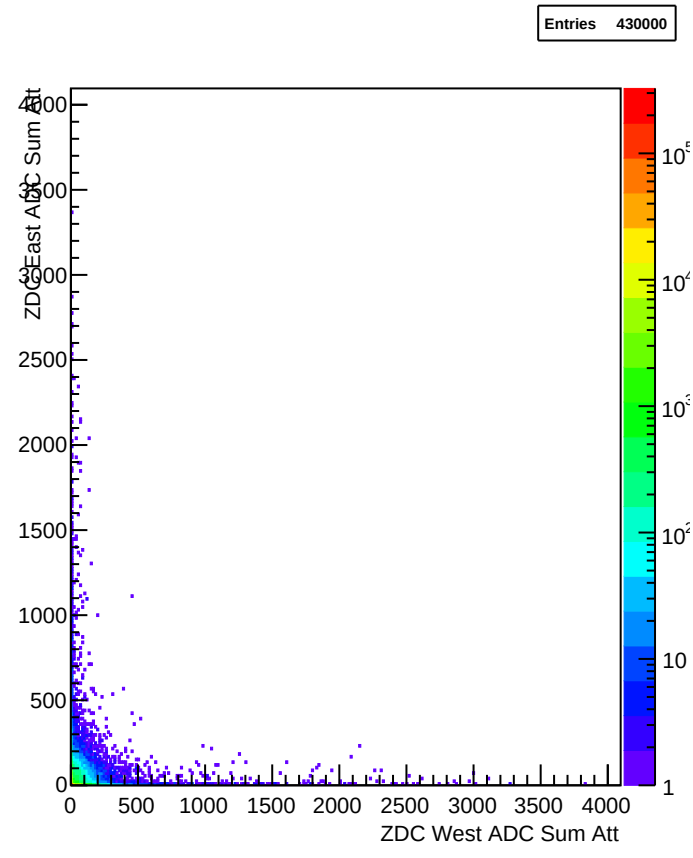

Entries 430000
BBC-S-East ADC Sum
VPD-East ADC Sum

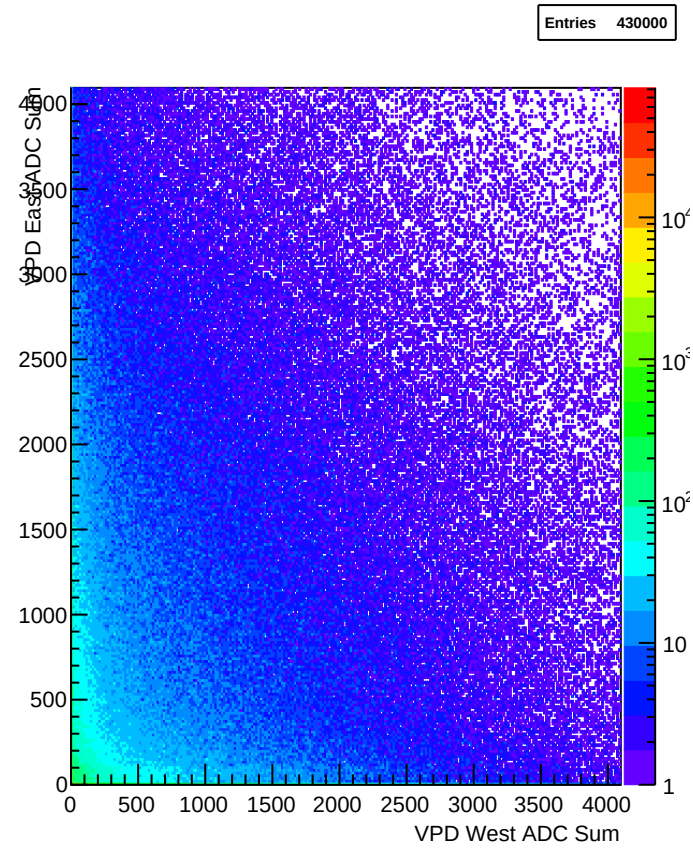

Entries 430000
BBC-S-West ADC Sum
VPD-West ADC Sum

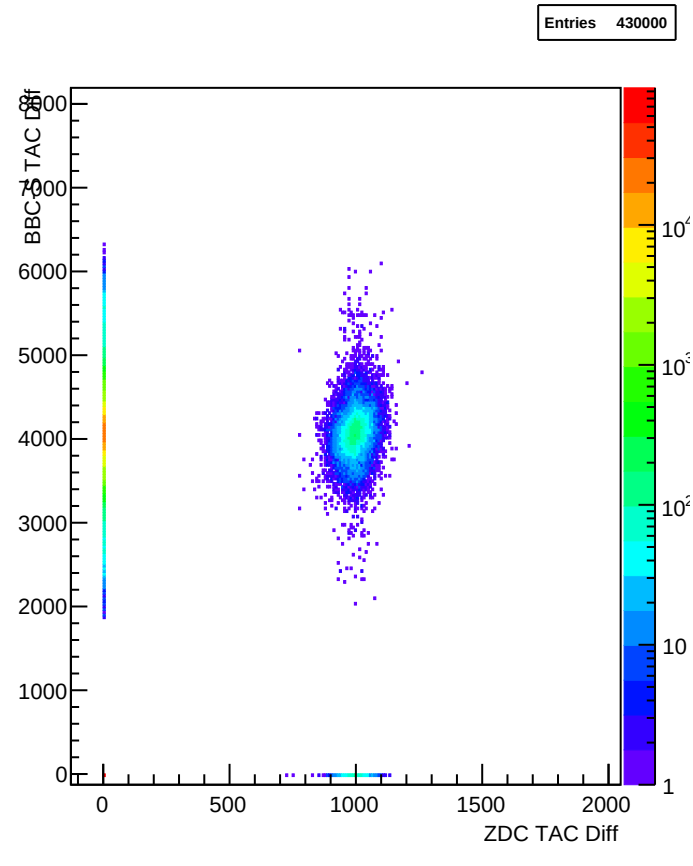

Entries 430000
VPD-East ADC Sum
ZDC-East ADC Sum Att

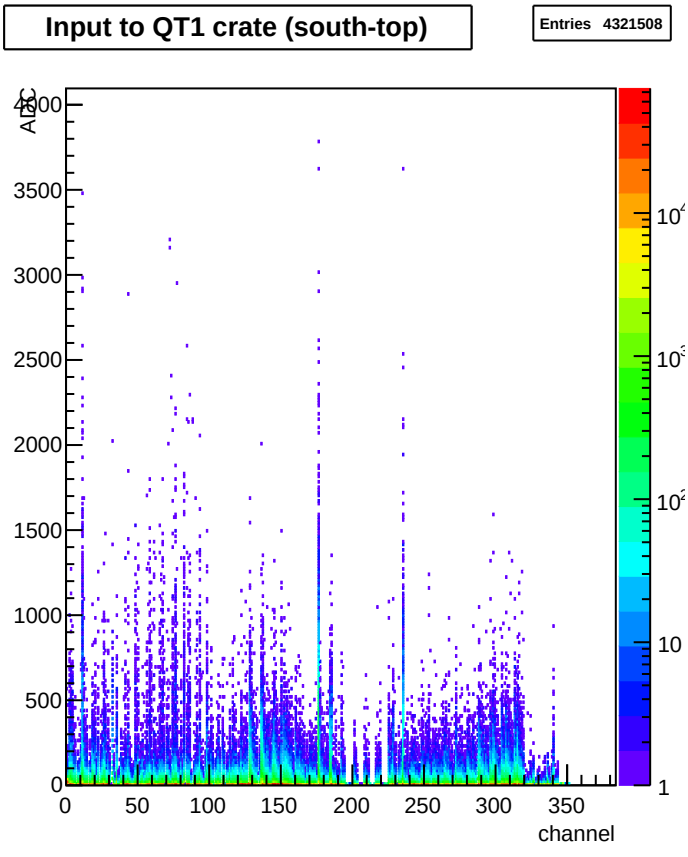

Entries 430000
VPD-West ADC Sum
ZDC-West ADC Sum Att

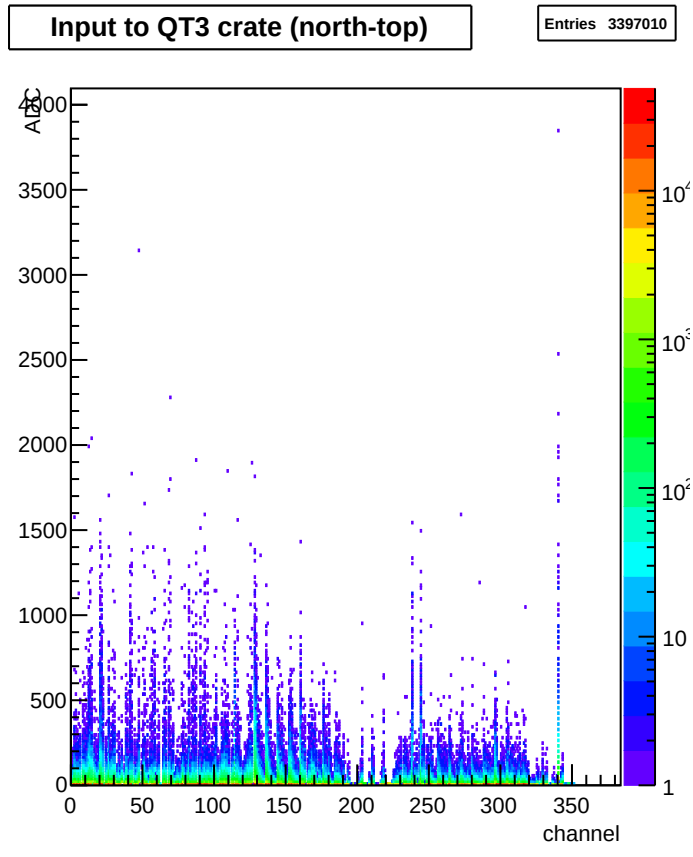

Entries 430000
BBC-S-East ADC Sum
BBC-S-West ADC Sum

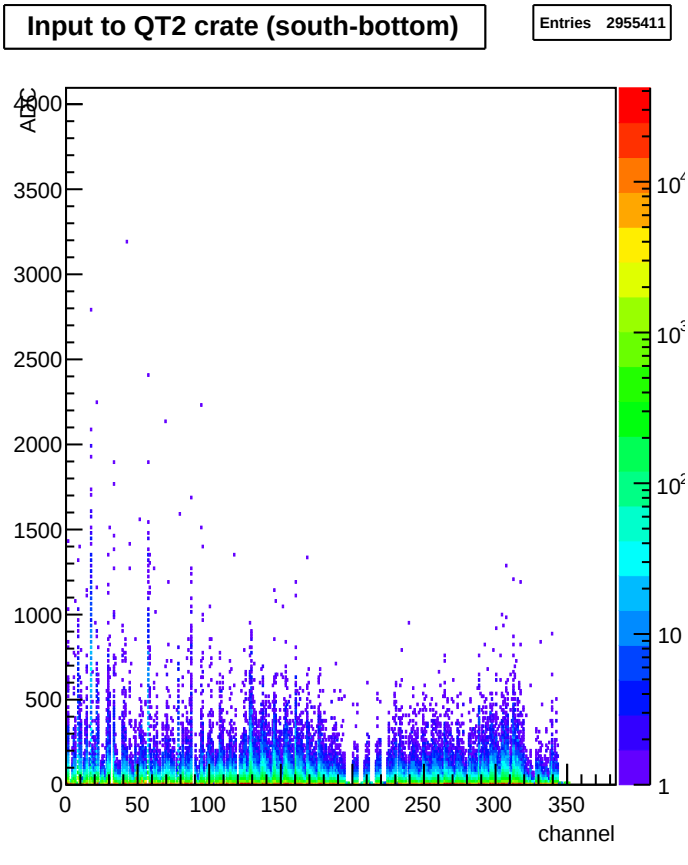

Entries 430000
ZDC East ADC Sum Att
ZDC West ADC Sum Att

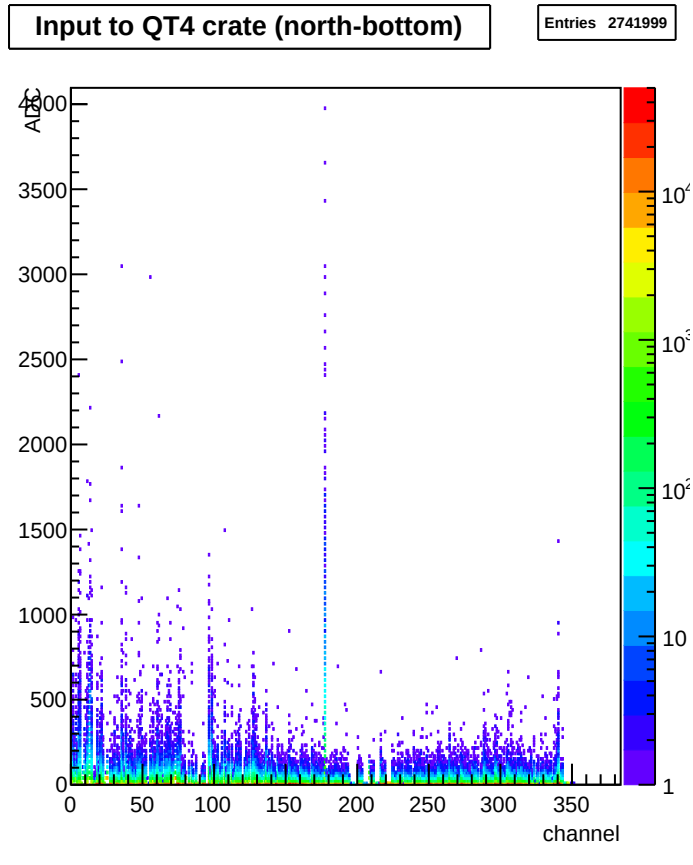

Entries 430000
VPD East ADC Sum
VPD West ADC Sum

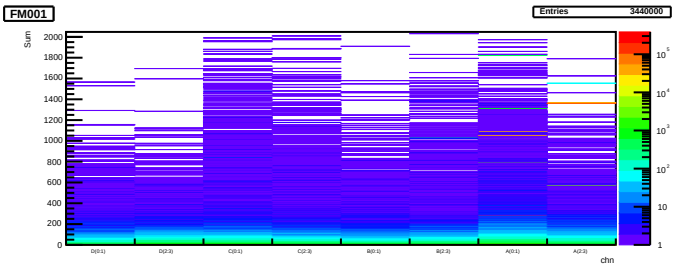

Entries 430000
BBC-S TAC Diff
ZDC TAC Diff

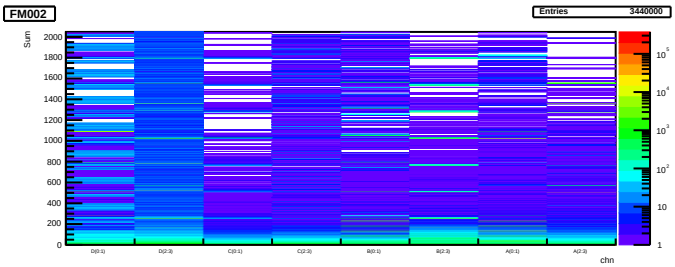

Input to QT1 crate (south-top)
Entries 4321508
ADC
channel

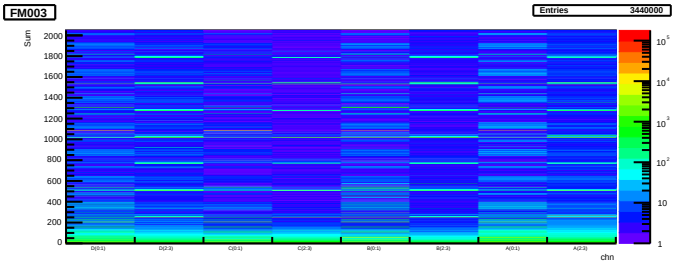

Input to QT3 crate (north-top)
Entries 3397010
ADC
channel

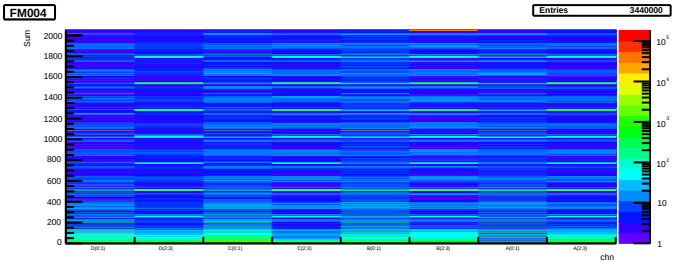

Input to QT2 crate (south-bottom)
Entries 2955411
ADC
channel

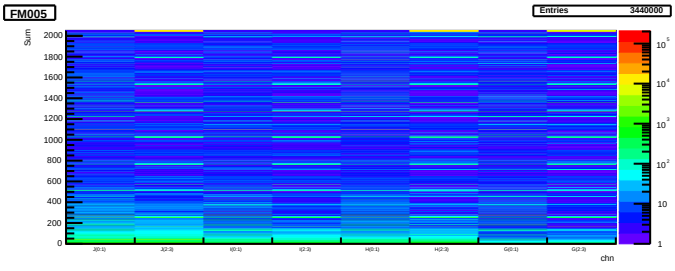

Input to QT4 crate (north-bottom)
Entries 2741999
ADC
channel

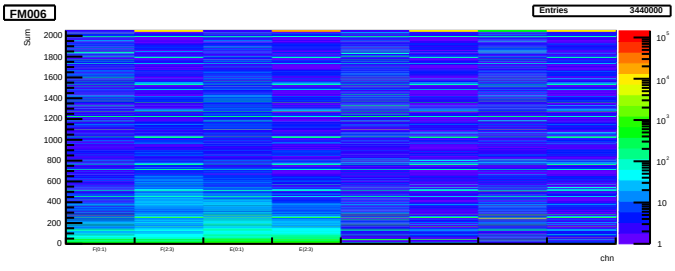

FM001
Entries 3440000
Sum
chn

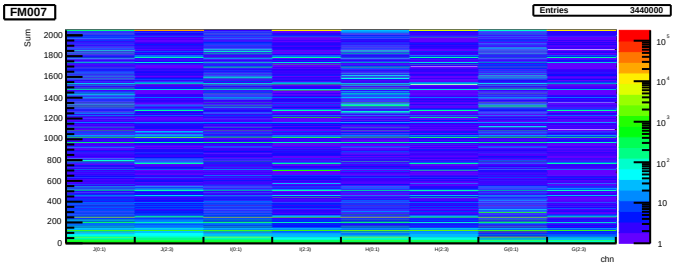

FM002
Entries 3440000
Sum
chn

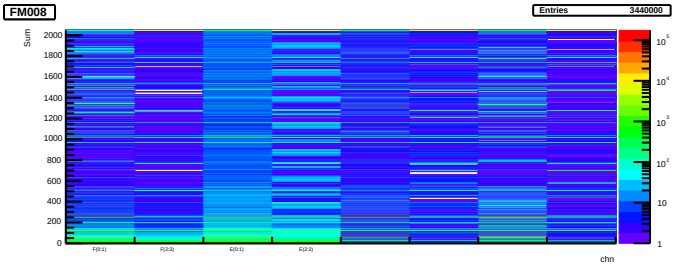

FM003
Entries 3440000
Sum
chn

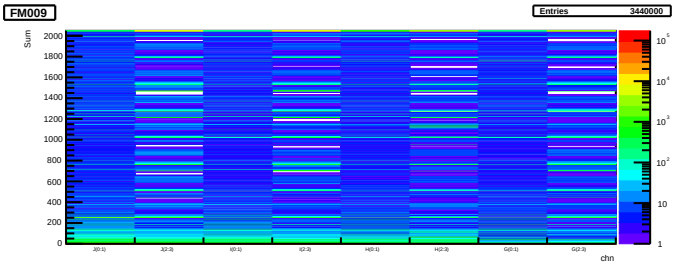

FM004
Entries 3440000
Sum
chn

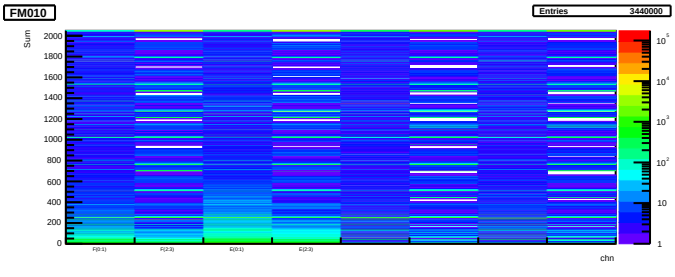

FM005
Entries 3440000
Sum
chn

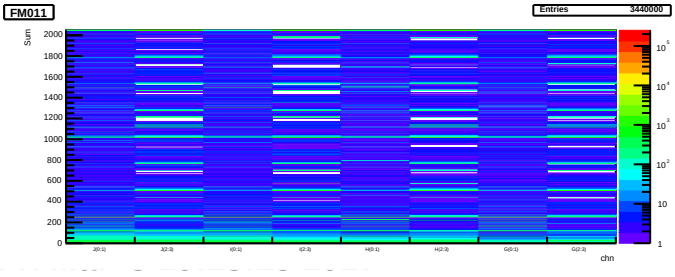

FM006
Entries 3440000
Sum
chn

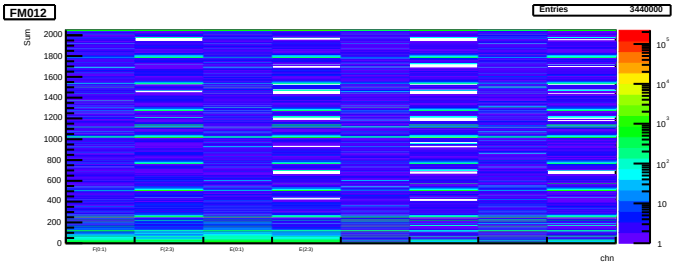

FM007
Entries 3440000
Sum
chn

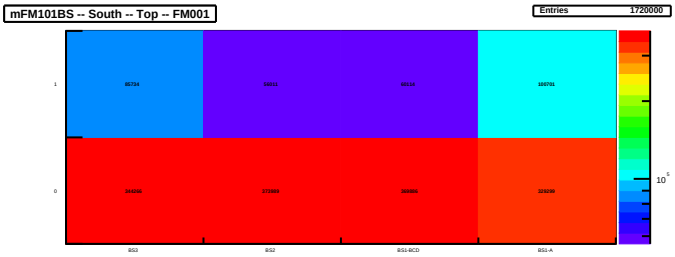

FM008
Entries 3440000
Sum
chn

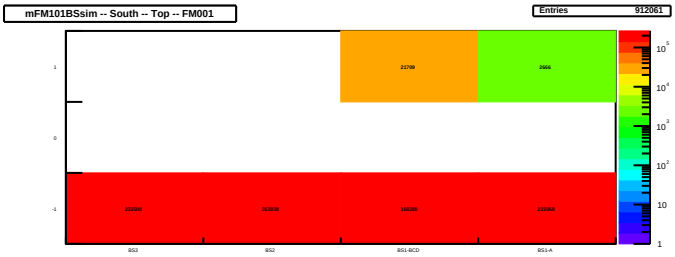

FM009
Entries 3440000
Sum
chn

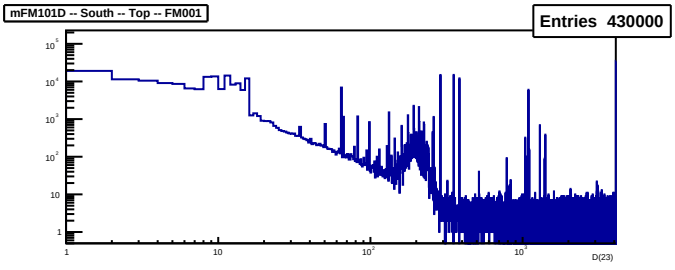

FM010
Entries 3440000
Sum
chn

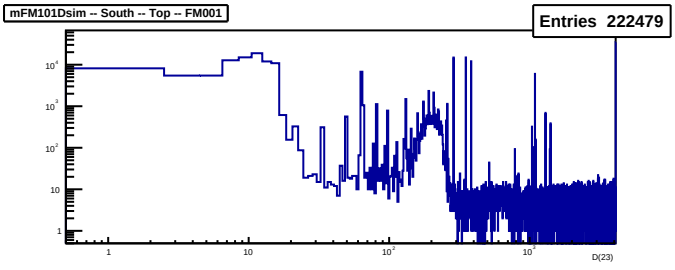

FM011
Entries 3440000
Sum
chn


FM012
Entries 3440000
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 1720000


mFM101BSsim -- South -- Top -- FM001
Entries 912061


mFM101D -- South -- Top -- FM001
Entries 430000
D(23)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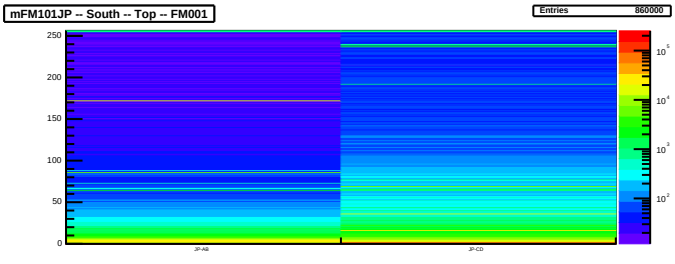
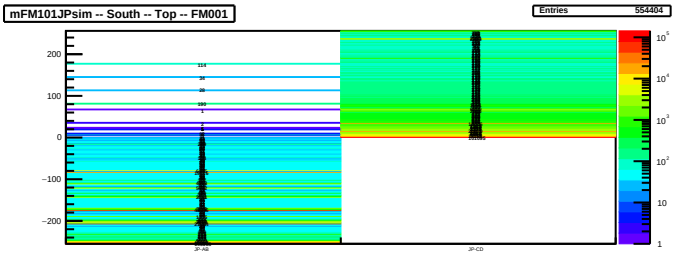
Entries 222479
D(23)


mFM101JP -- South -- Top -- FM001
Entries 860000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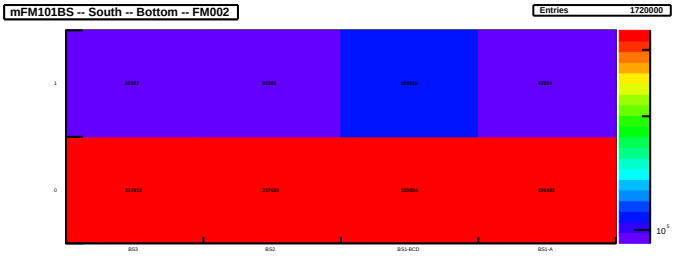
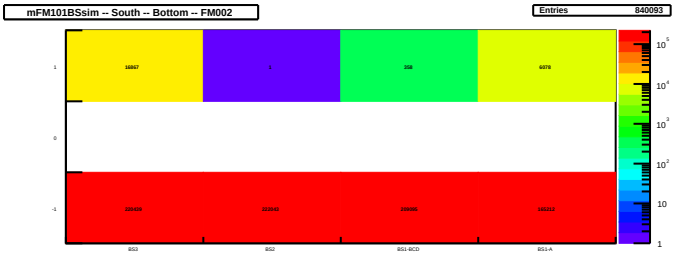
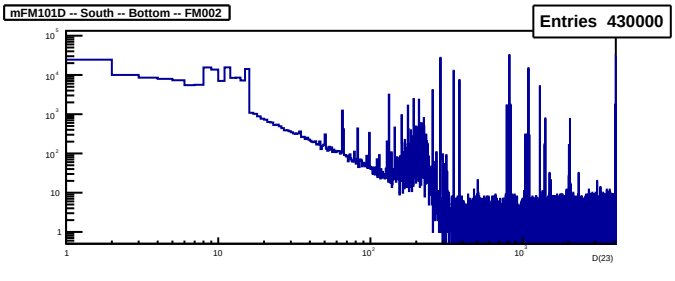
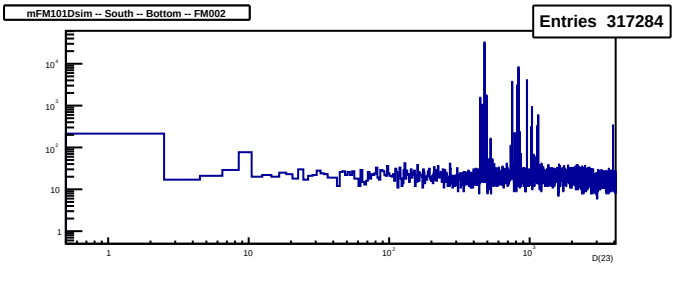
Entries 554404


mFM101BS -- South -- Bottom -- FM002
Entries 1720000


mFM101BSsim -- South -- Bottom -- FM002
Entries 840093


mFM101D -- South -- Bottom -- FM002
Entries 430000
D(23)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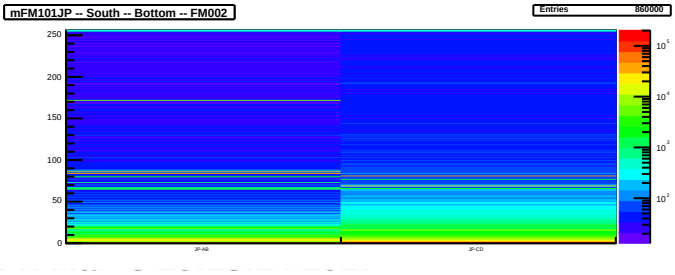
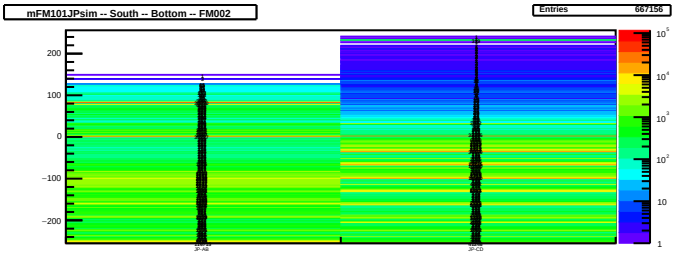
Entries 317284
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 860000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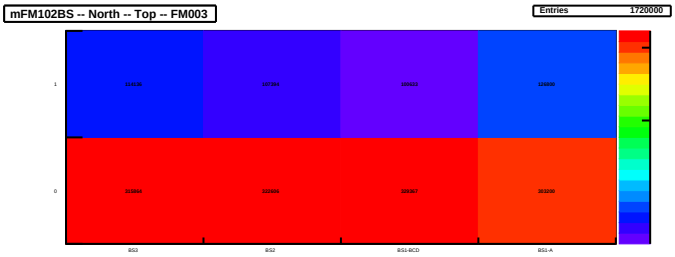
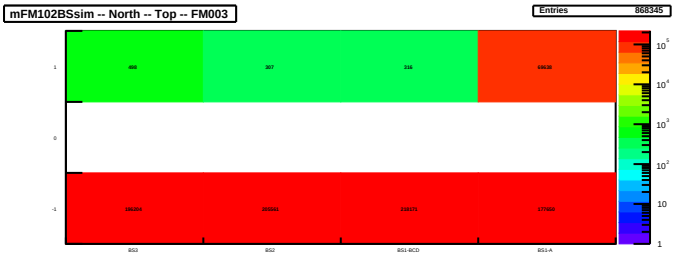
Entries 667156


mFM102BS -- North -- Top -- FM003
Entries 1720000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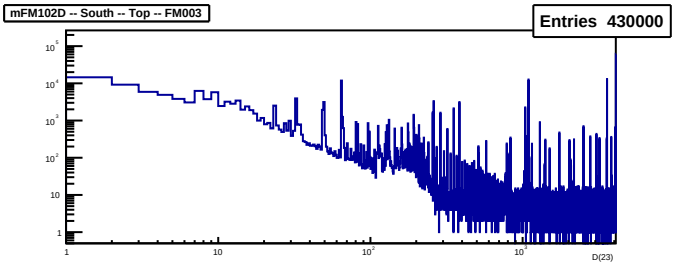
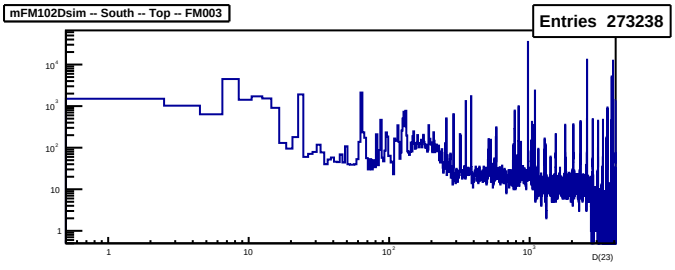
Entries 868345


mFM102D -- South -- Top -- FM003
Entries 430000
D(23)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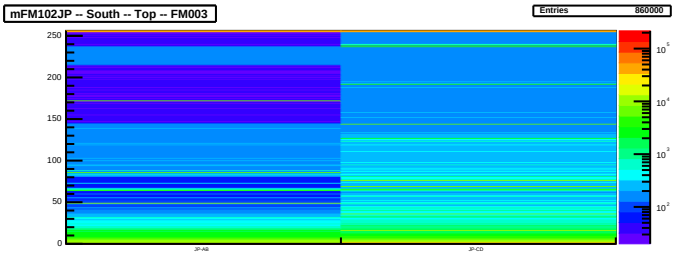
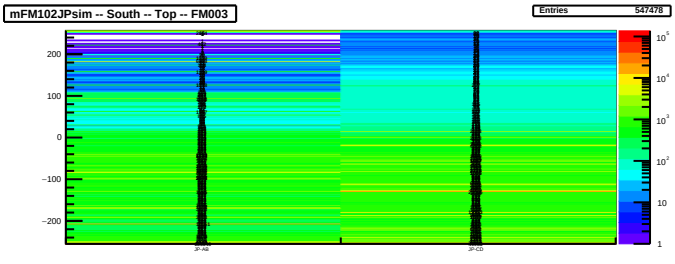
D(23)


mFM102JP -- South -- Top -- FM003
Entries 860000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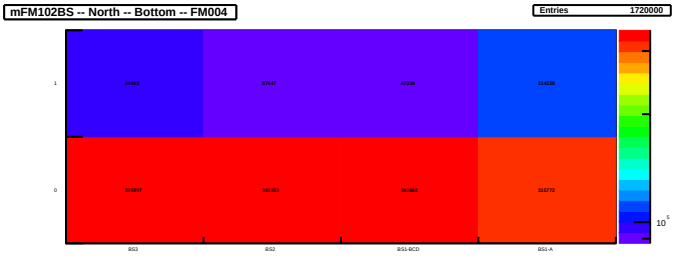
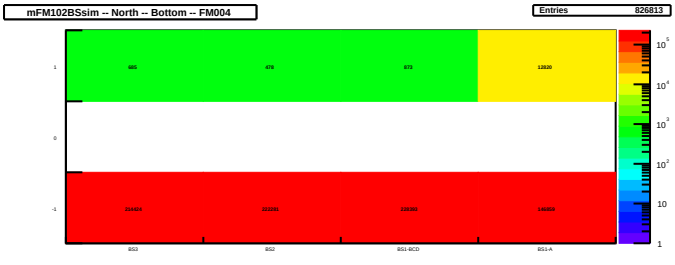
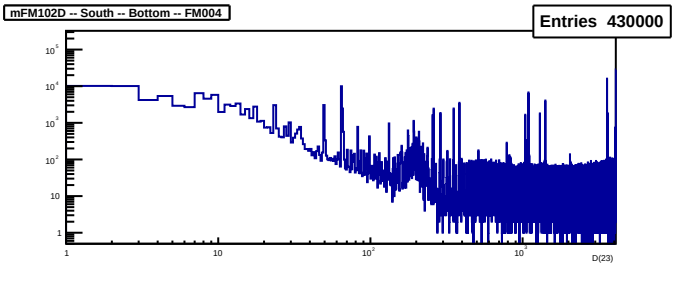
Entries 547478


mFM102BS -- North -- Bottom -- FM004
Entries 1720000


mFM102BSsim -- North -- Bottom -- FM004
Entries 826813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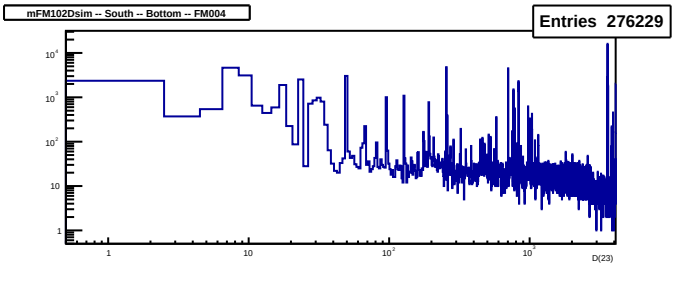
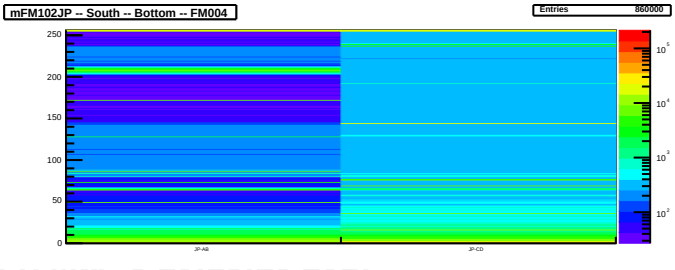
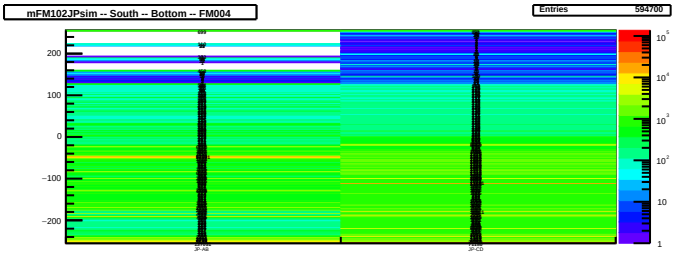
Entries 430000
D(23)


mFM102Dsim -- South -- Bottom -- FM004
Entries 276229
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 860000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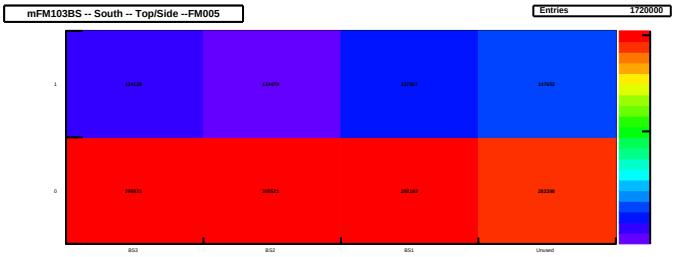
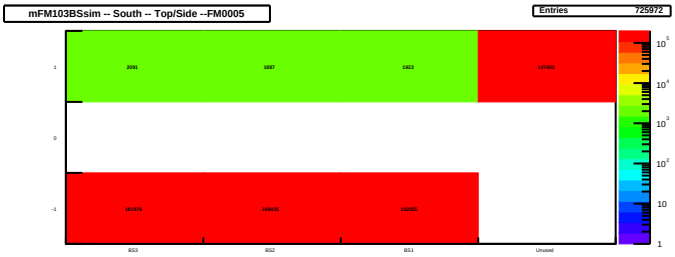
Entries 594700


mFM103BS -- South -- Top/Side --FM005
Entries 1720000
BS3
BS2
BS1
Unused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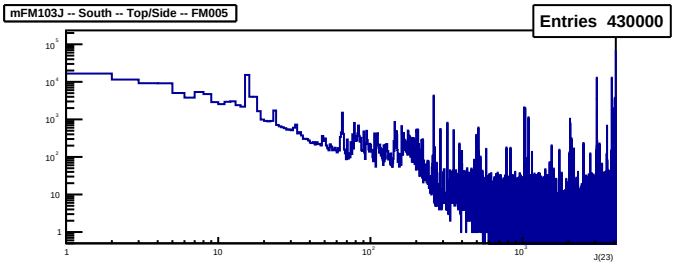
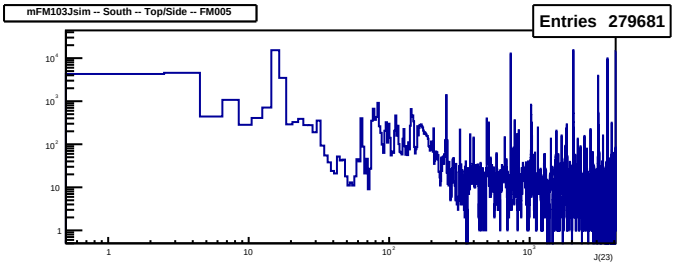
Entries 725972
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 430000
J(23)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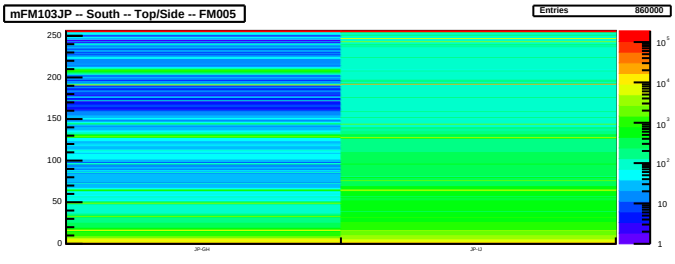
Entries 279681
J(23)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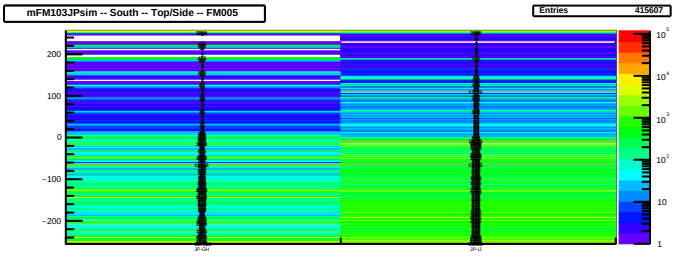
Entries 860000
JP-GH
JP-IJ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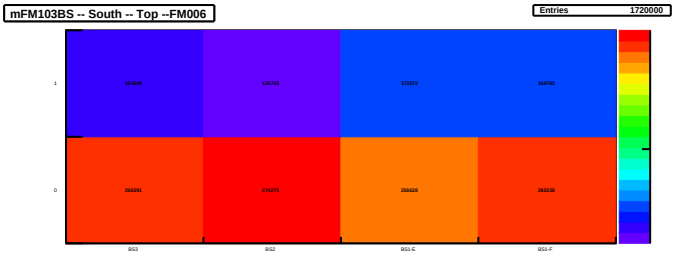
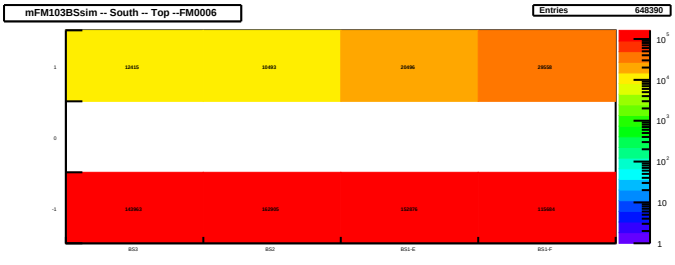
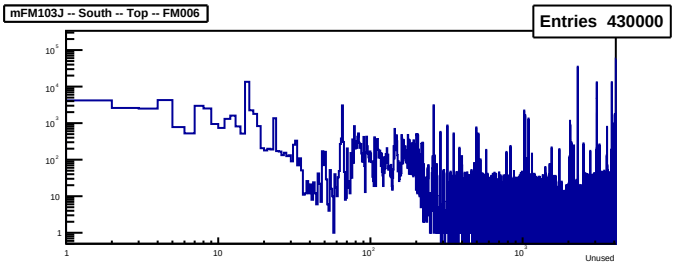
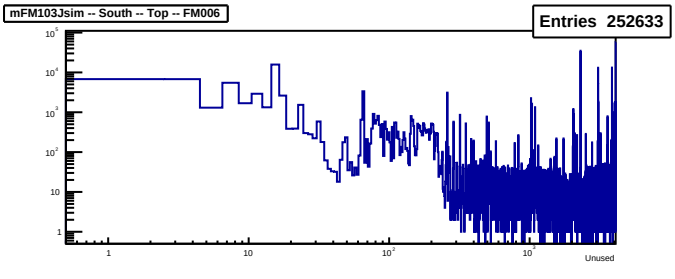
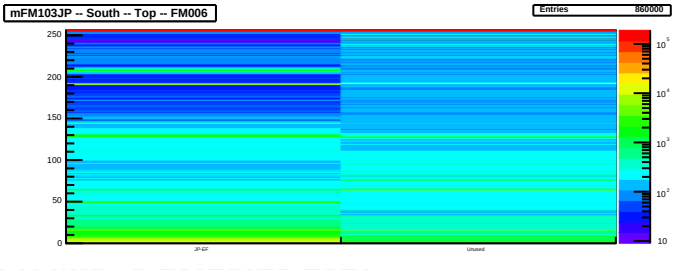
Entries 415607
JP-GH
JP-IJ

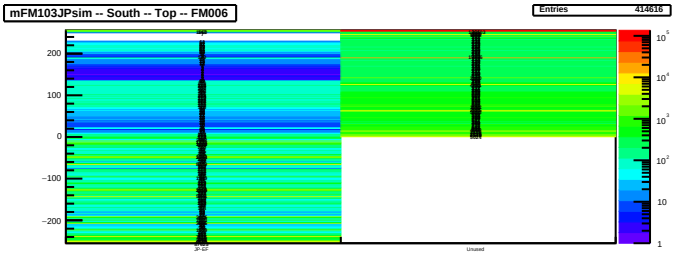

mFM103BS -- South -- Top --FM006
Entries 1720000
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 648390
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 430000
Unused


mFM103Jsim -- South -- Top -- FM006
Entries 252633
Unused


mFM103JP -- South -- Top -- FM006
Entries 860000
JP-EF
Unused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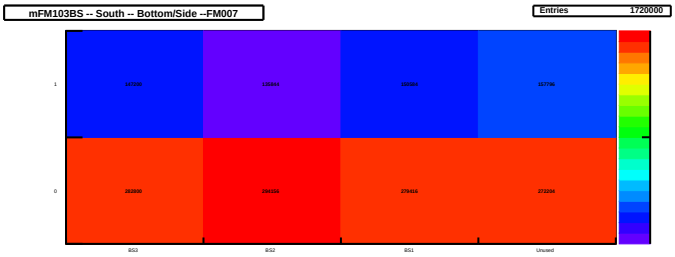
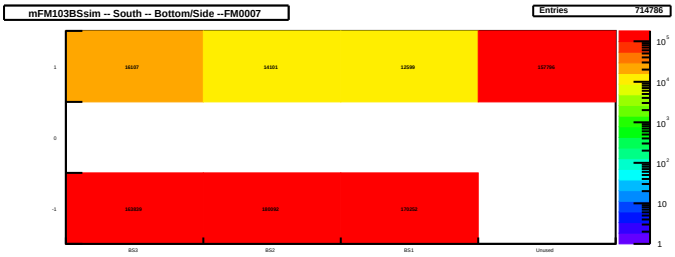
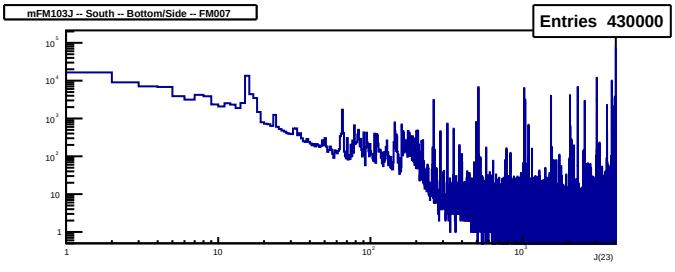
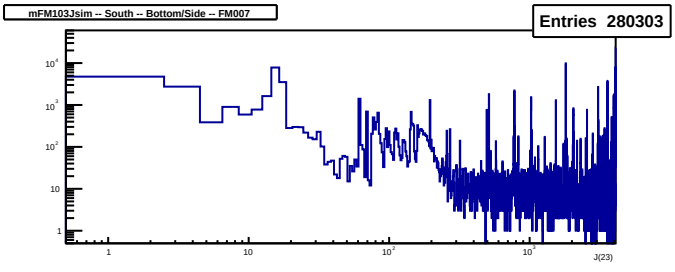
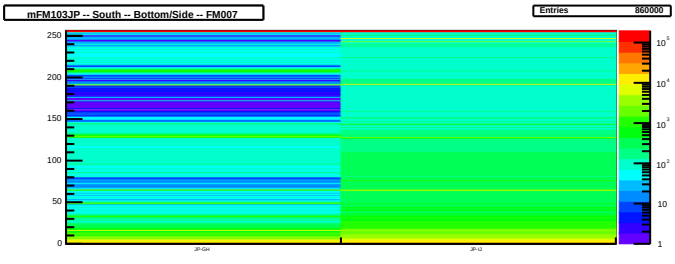
Entries 414616
JP-EF
Unused

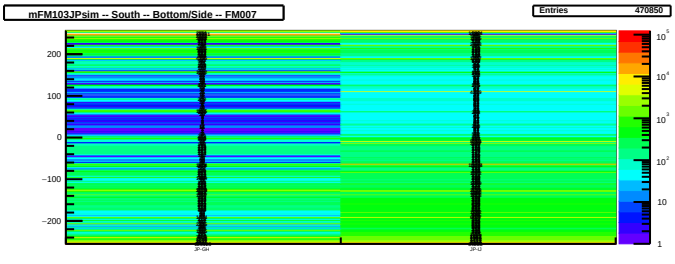

mFM103BS -- South -- Bottom/Side --FM007
Entries 1720000

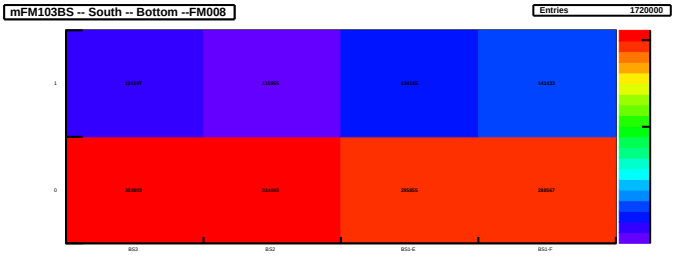

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 714786

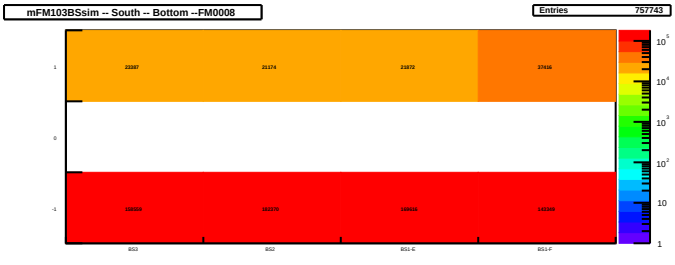

mFM103J -- South -- Bottom/Side -- FM007
Entries 430000
J(23)

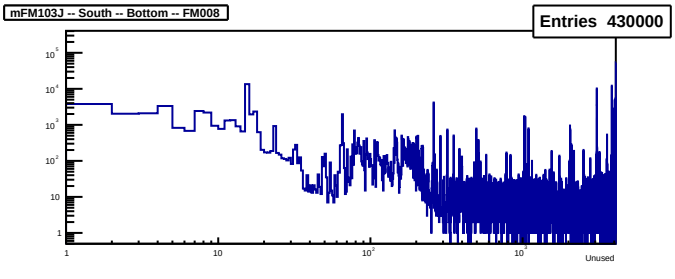

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 280303
J(23)

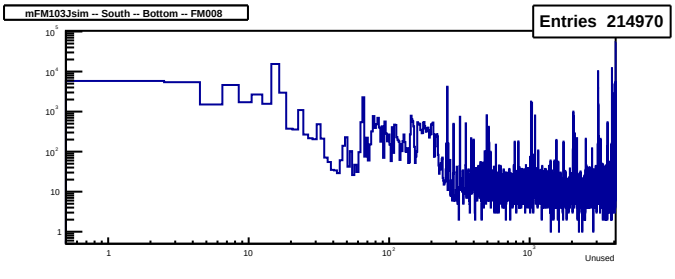

mFM103JP -- South -- Bottom/Side -- FM007
Entries 860000

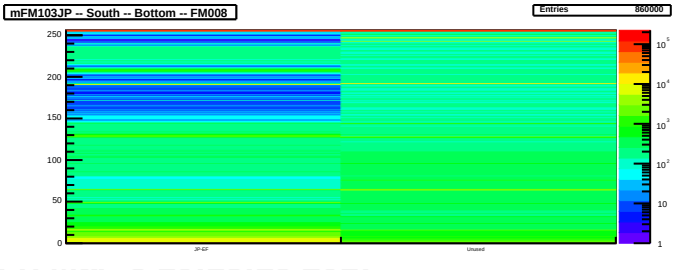

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 470850

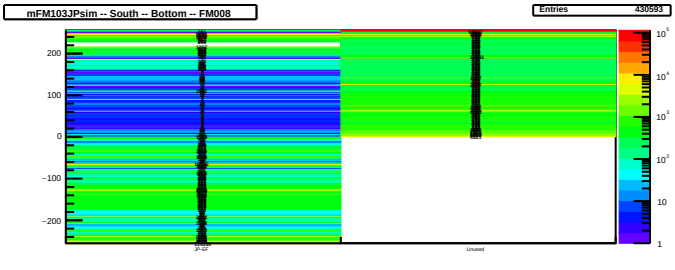

mFM103BS -- South -- Bottom --FM008
Entries 1720000

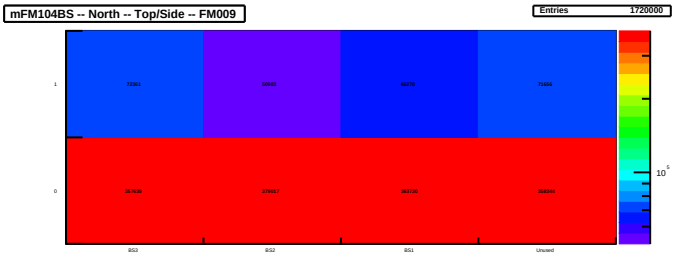

mFM103BSsim -- South -- Bottom --FM0008
Entries 757743

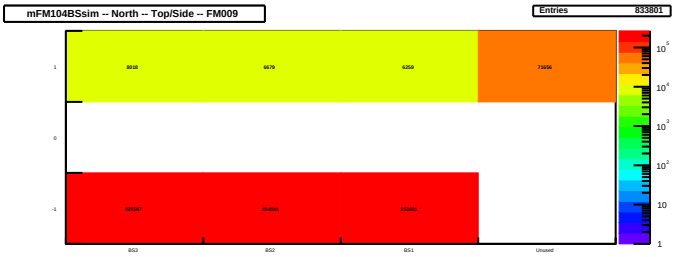

mFM103J -- South -- Bottom -- FM008
Entries 430000
Unused

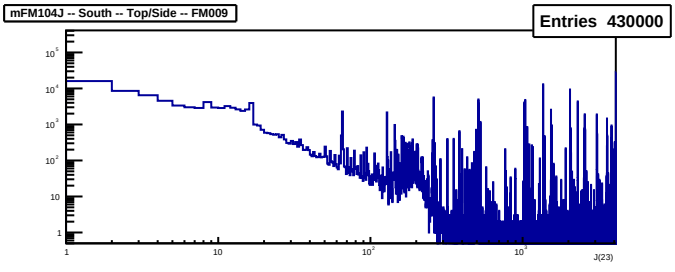

mFM103Jsim -- South -- Bottom -- FM008
Entries 214970
Unused

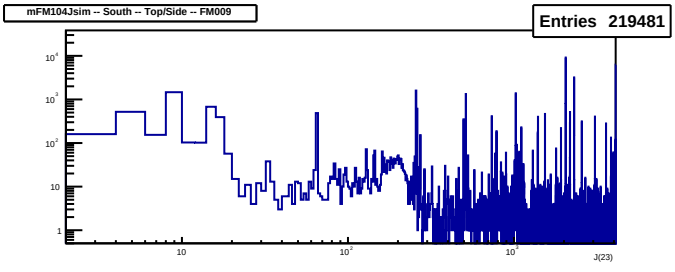

mFM103JP -- South -- Bottom -- FM008
Entries 860000


mFM103JPsim -- South -- Bottom -- FM008
Entries 430593


mFM104BS -- North -- Top/Side -- FM009
Entries 1720000
BS3
BS2
BS1
Unused


mFM104BSsim -- North -- Top/Side -- FM009
Entries 833801
BS3
BS2
BS1
Unused


mFM104J -- South -- Top/Side -- FM009
Entries 430000
J(23)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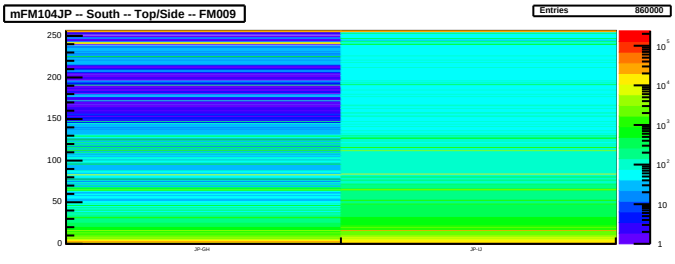
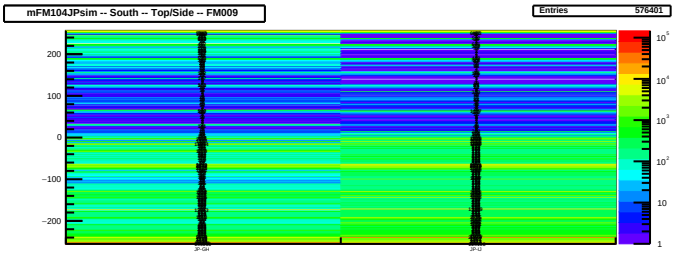
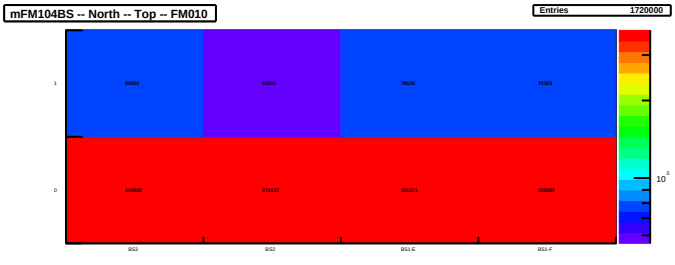
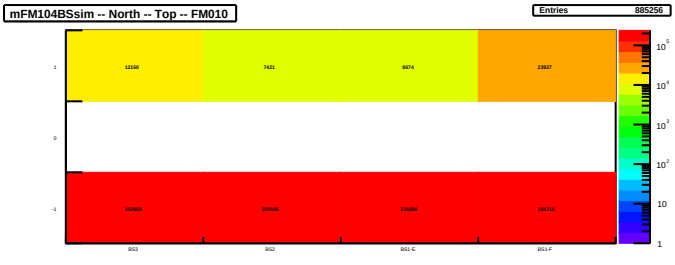
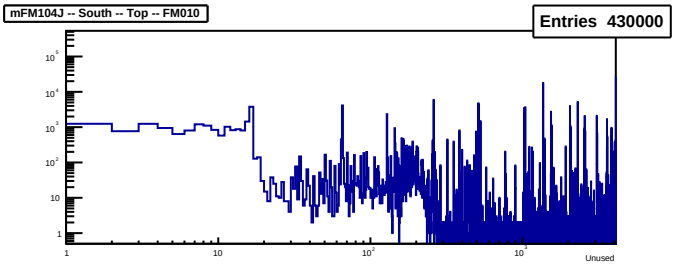
Entries 219481
J(23)

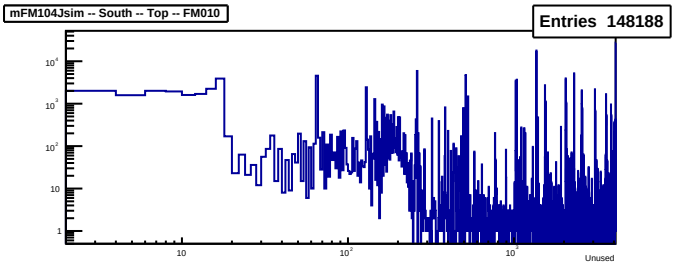

mFM104JP -- South -- Top/Side -- FM009
Entries 860000
JP-GH
JP-IJ

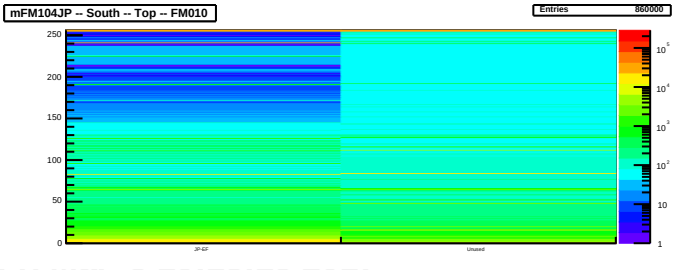

mFM104JPsim -- South -- Top/Side -- FM009
Entries 576401
JP-GH
JP-IJ

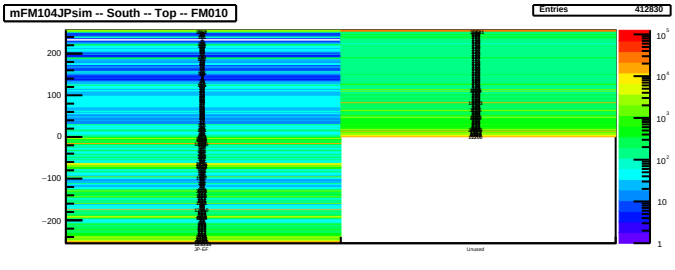

mFM104BS -- North -- Top -- FM010
Entries 1720000
BS3
BS2
BS1-E
BS1-F

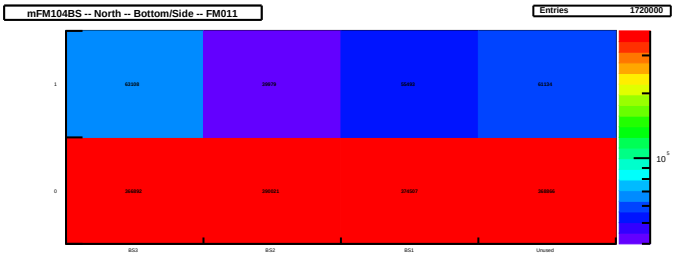

mFM104BSsim -- North -- Top -- FM010
Entries 885256
BS3
BS2
BS1-E
BS1-F

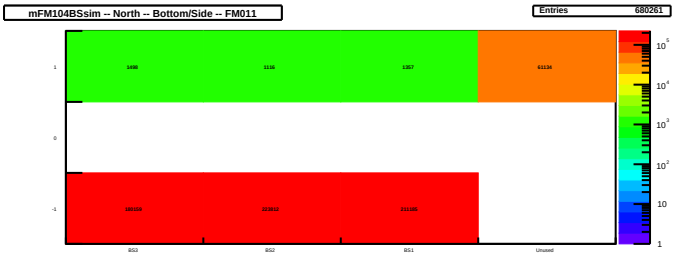

mFM104J -- South -- Top -- FM010
Entries 430000
Unused

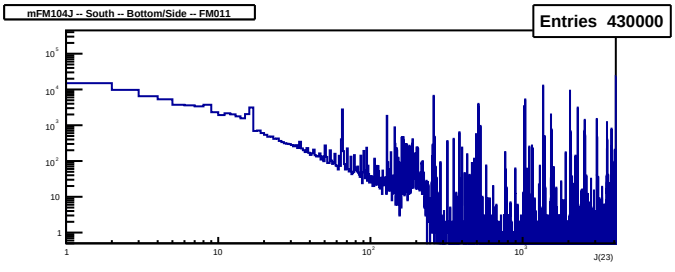

mFM104Jsim -- South -- Top -- FM010
Entries 148188
Unused

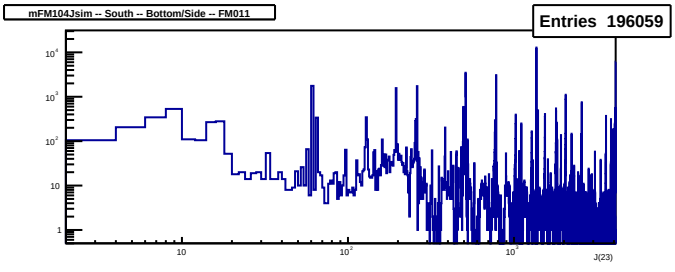

mFM104JP -- South -- Top -- FM010
Entries 860000
JP-EF
Unused

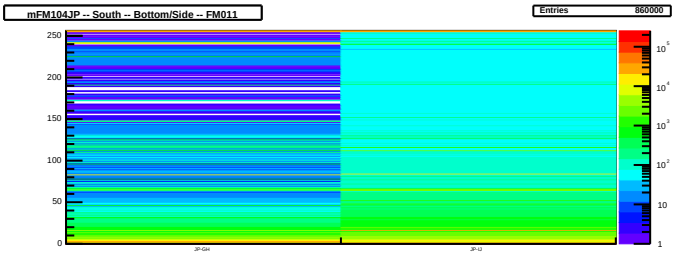

mFM104JPsim -- South -- Top -- FM010
Entries 412830
JP-EF
Unused

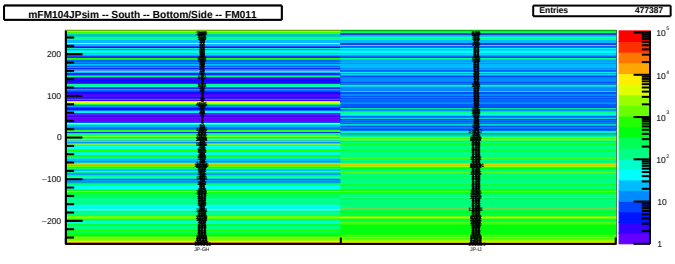

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1720000
BS3
BS2
BS1
Unused

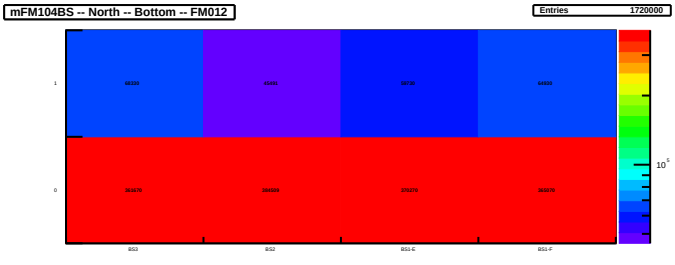

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 680261
BS3
BS2
BS1
Unused

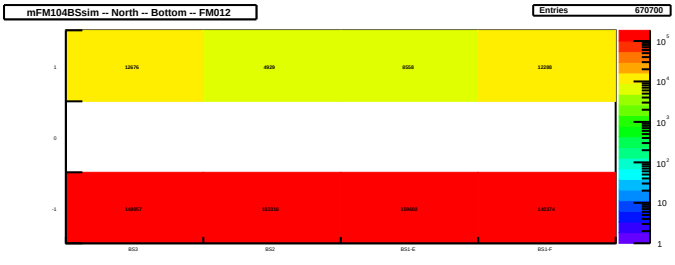

mFM104J -- South -- Bottom/Side -- FM011
Entries 430000
J(23)

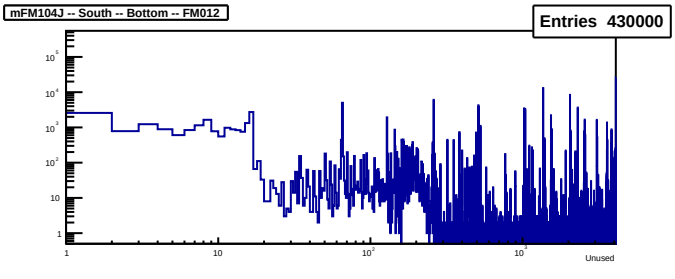

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 196059
J(23)

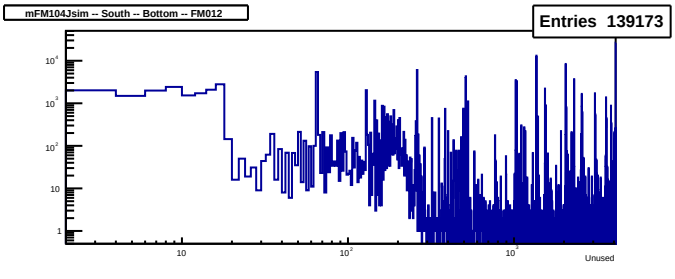

mFM104JP -- South -- Bottom/Side -- FM011
Entries 860000
JP-GH
JP-IJ

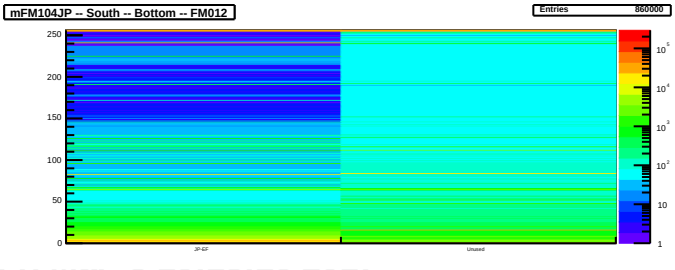

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 477387
JP-GH
JP-IJ

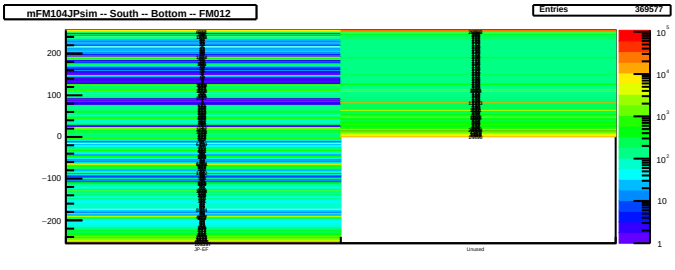

mFM104BS -- North -- Bottom -- FM012
Entries 1720000
BS3
BS2
BS1-E
BS1-F

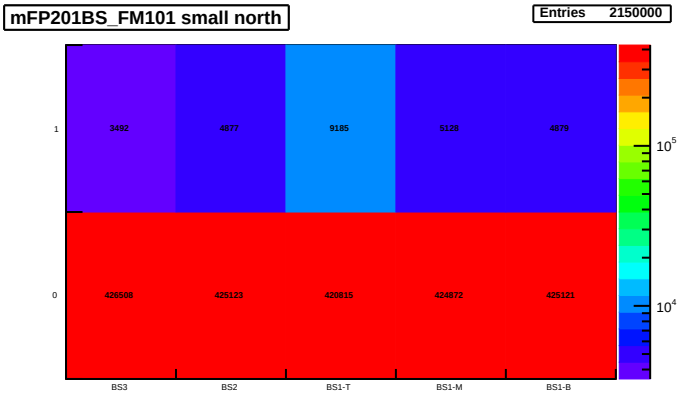

mFM104BSsim -- North -- Bottom -- FM012
Entries 670700
BS3
BS2
BS1-E
BS1-F

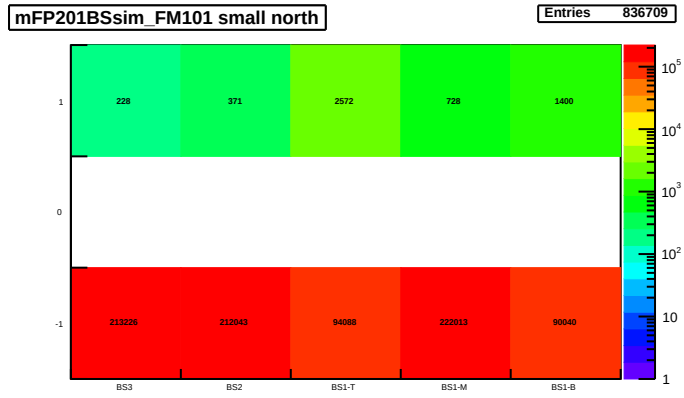

mFM104J -- South -- Bottom -- FM012
Entries 430000
Unused

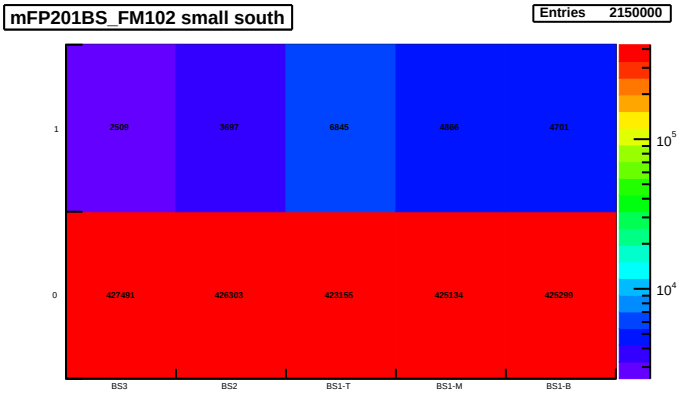

mFM104Jsim -- South -- Bottom -- FM012
Entries 139173
Unused

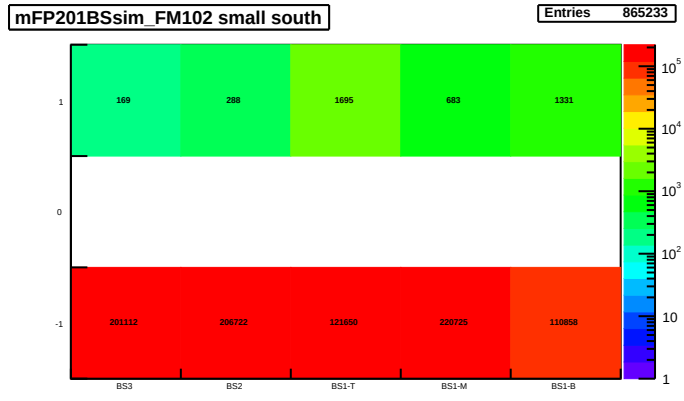

mFM104JP -- South -- Bottom -- FM012
Entries 860000
JP-EF
Unused

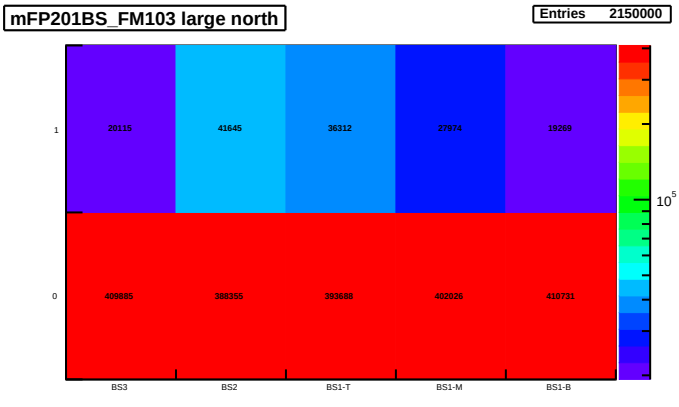

mFM104JPsim -- South -- Bottom -- FM012
Entries 369577
JP-EF
Unused

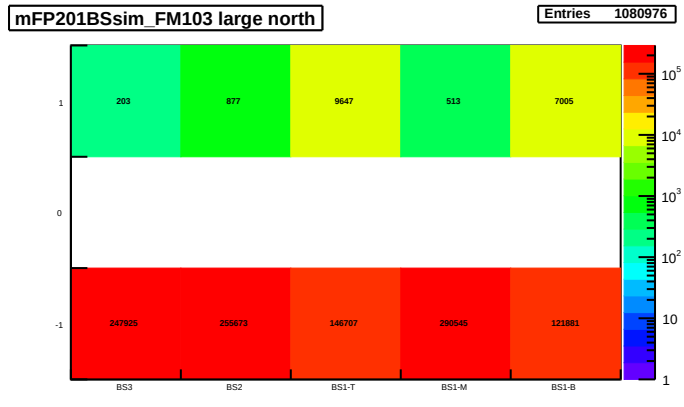

mFP201BS_FM101 small north
Entries 2150000
1
0
3492
4877
9185
5128
4879
426508
425123
420815
424872
425121
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4

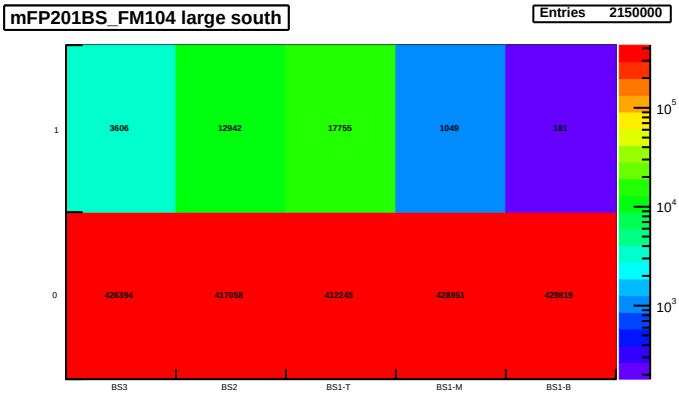

mFP201BSsim_FM101 small north
Entries 836709
1
0
-1
228
371
2572
728
1400
213226
212043
94088
222013
90040
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

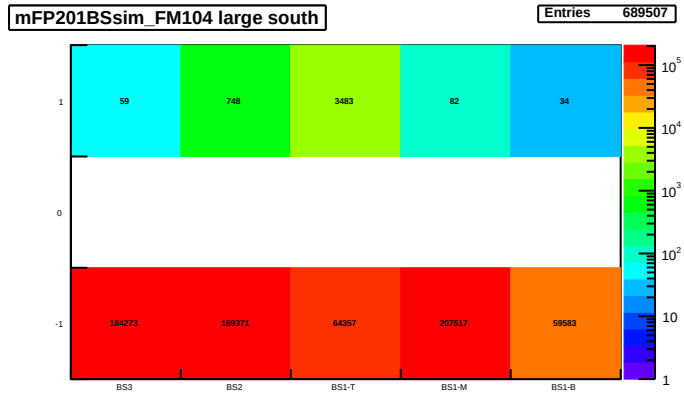

mFP201BS_FM102 small south
Entries 2150000
1
0
2509
3697
6845
4866
4701
427491
426303
423155
425134
425299
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4

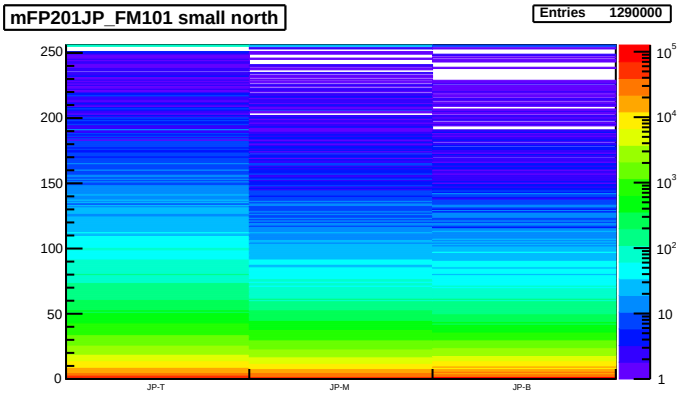

mFP201BSsim_FM102 small south
Entries 865233
1
0
-1
169
288
1695
683
1331
201112
206722
121650
220725
110858
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

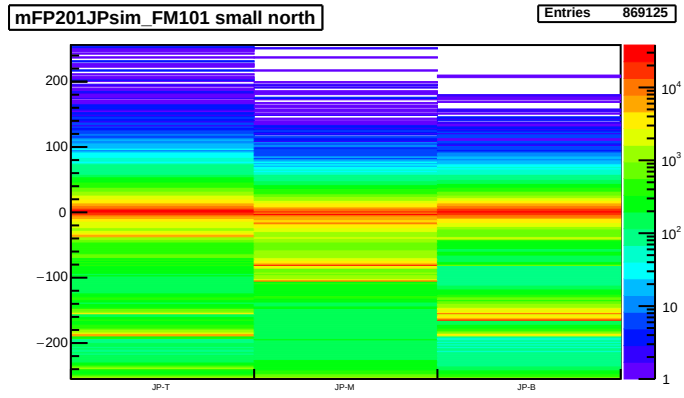

mFP201BS_FM103 large north
Entries 2150000
1
0
20115
41645
36312
27974
19269
409885
388355
393688
402026
410731
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5

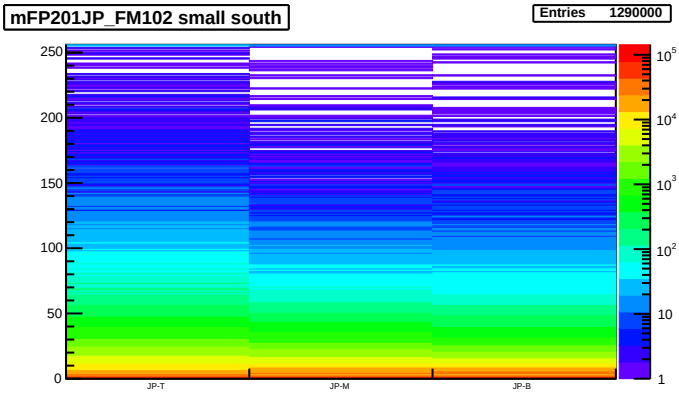

mFP201BSsim_FM103 large north
Entries 1080976
1
0
-1
203
877
9647
513
7005
247925
255673
146707
290545
121881
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

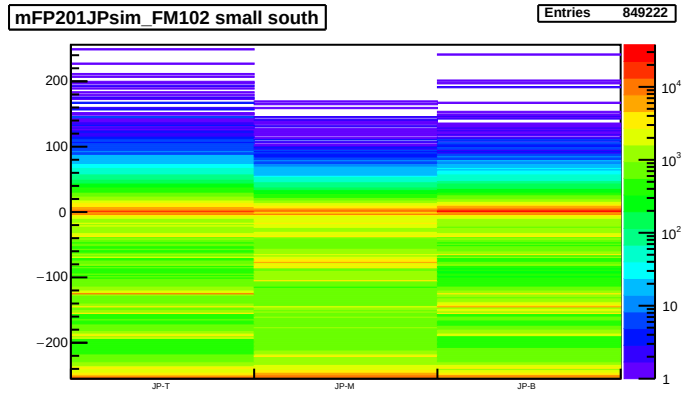

mFP201BS_FM104 large south
Entries 2150000
1
0
3606
12942
17755
1049
181
426394
417058
412245
428951
429819
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3

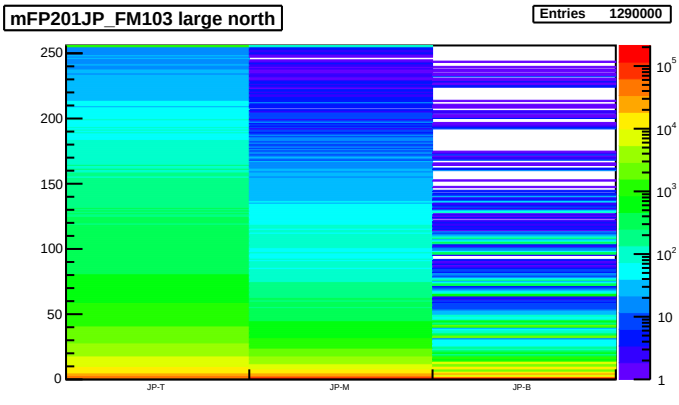

mFP201BSsim_FM104 large south
Entries 689507
1
0
-1
59
748
3483
82
34
184273
169371
64357
207517
59583
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

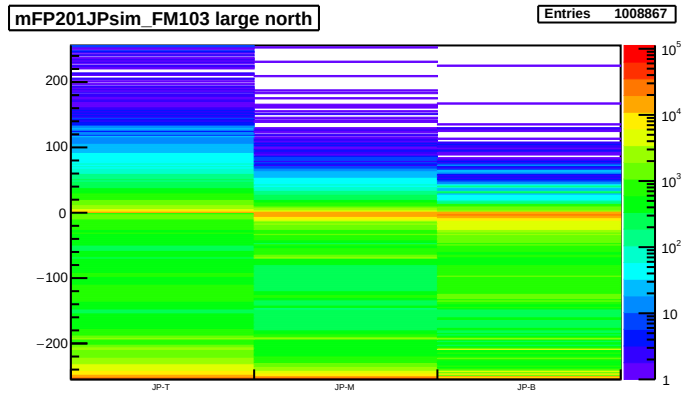

mFP201JP_FM101 small north
Entries 1290000
JP-T
JP-M
JP-B

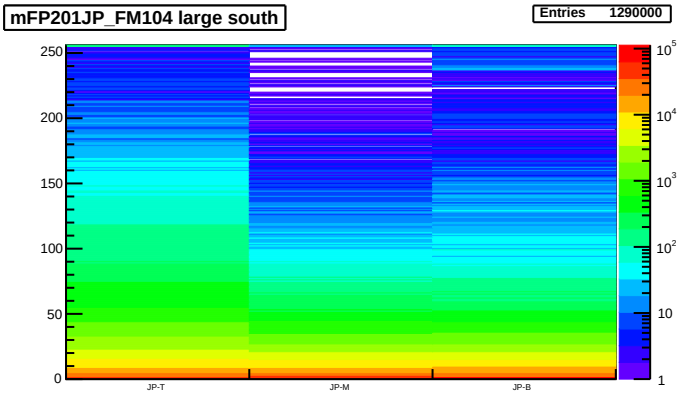

mFP201JPsim_FM101 small north
Entries 869125
JP-T
JP-M
JP-B

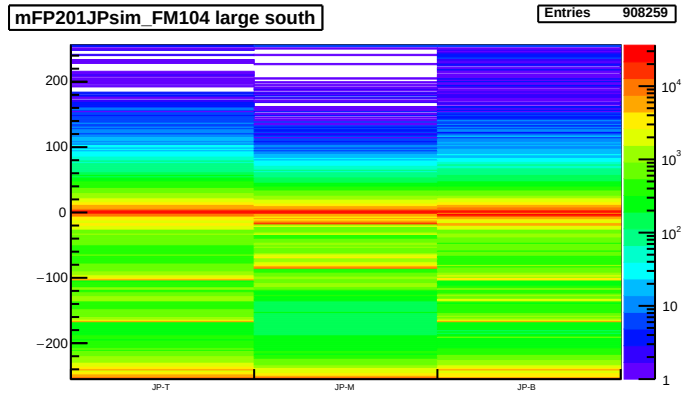

mFP201JP_FM102 small south
Entries 1290000
JP-T
JP-M
JP-B

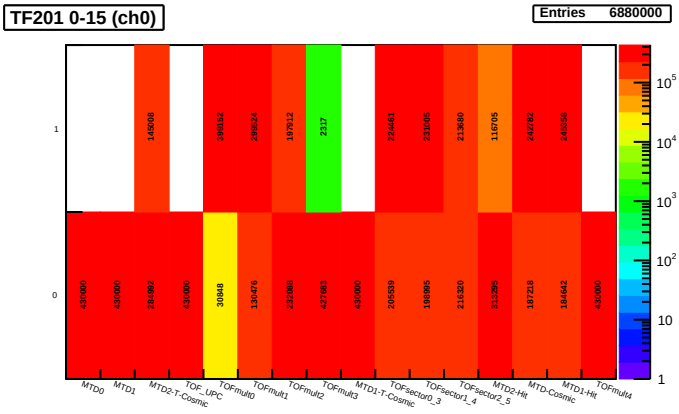

mFP201JPsim_FM102 small south
Entries 849222
JP-T
JP-M
JP-B

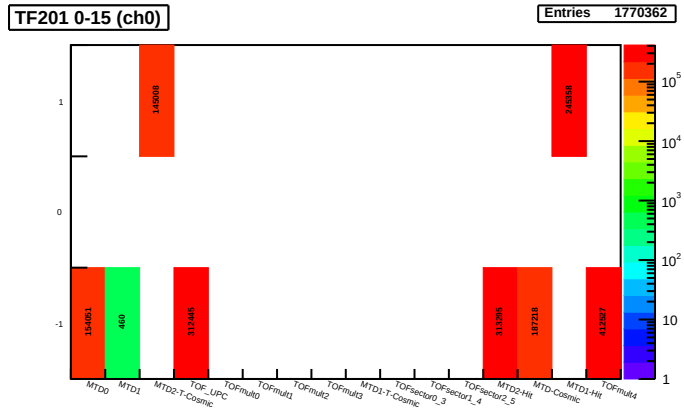

mFP201JP_FM103 large north
Entries 1290000
JP-T
JP-M
JP-B

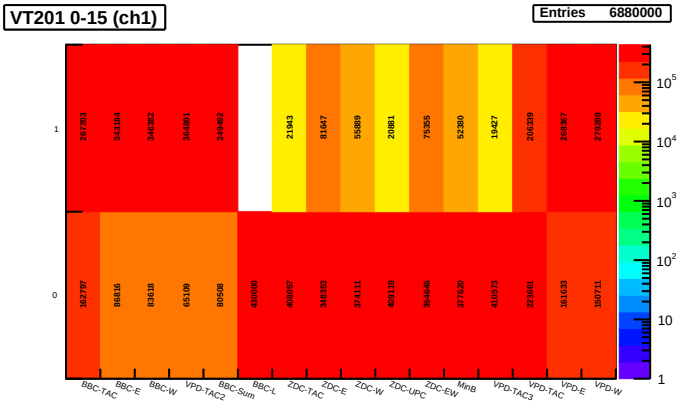

mFP201JPsim_FM103 large north
Entries 1008867
JP-T
JP-M
JP-B

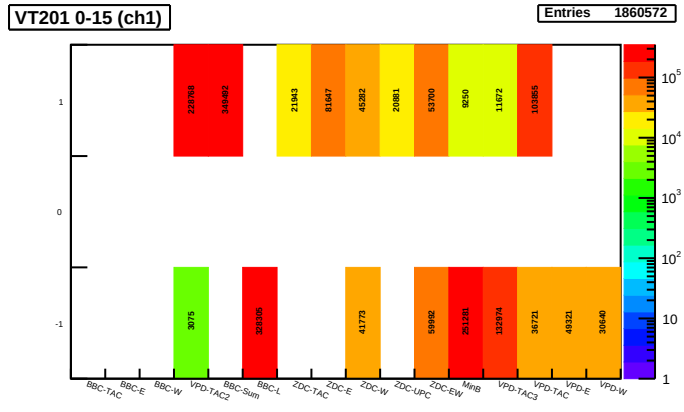

mFP201JP_FM104 large south
Entries 1290000
JP-T
JP-M
JP-B

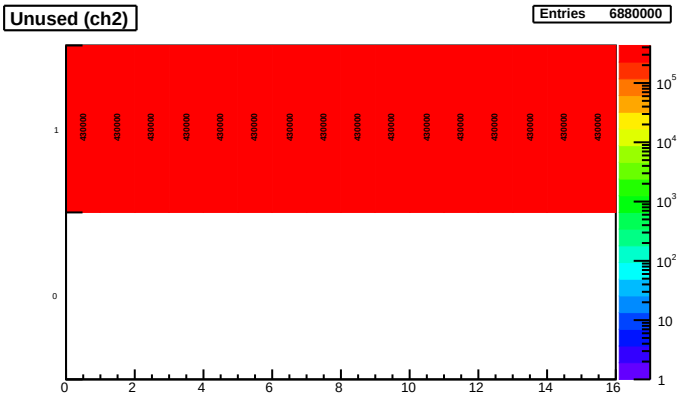

mFP201JPsim_FM104 large south
Entries 908259
JP-T
JP-M
JP-B

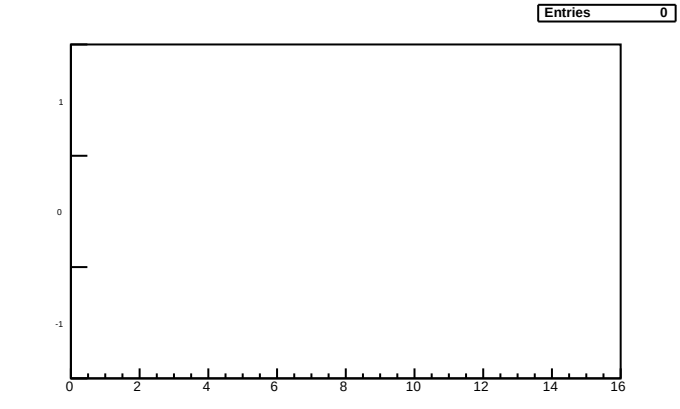

TF201 0-15 (ch0)
Entries 6880000
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

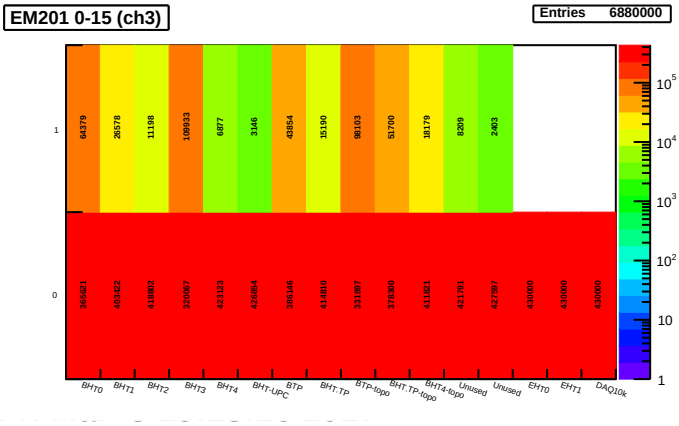

TF201 0-15 (ch0)
Entries 1770362
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

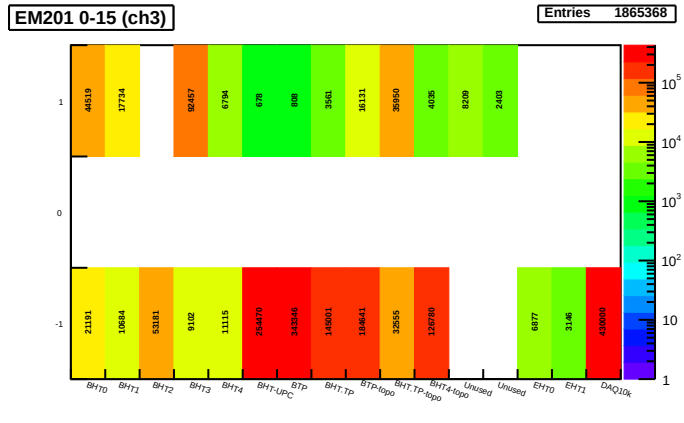

VT201 0-15 (ch1)
Entries 6880000
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

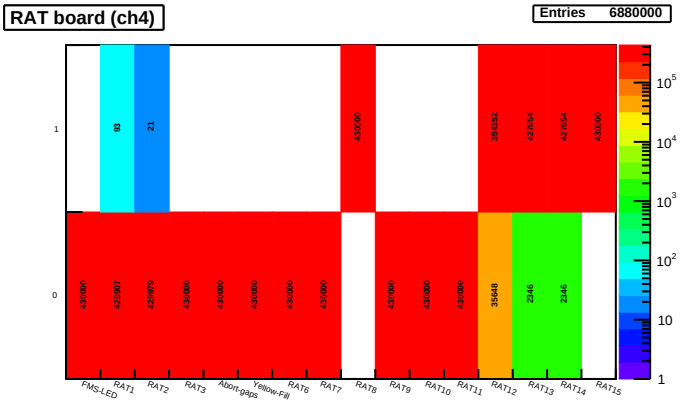

VT201 0-15 (ch1)
Entries 1860572
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

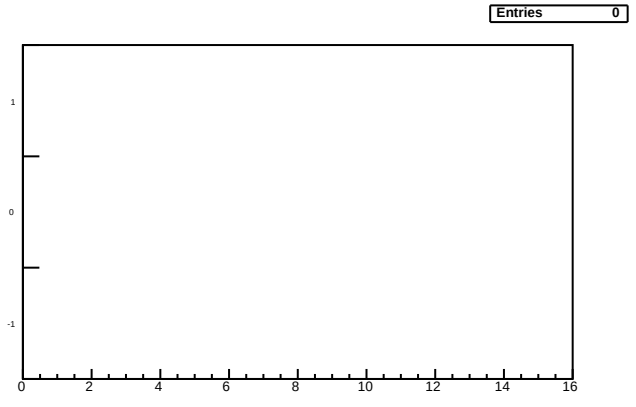

Unused (ch2)
Entries 6880000

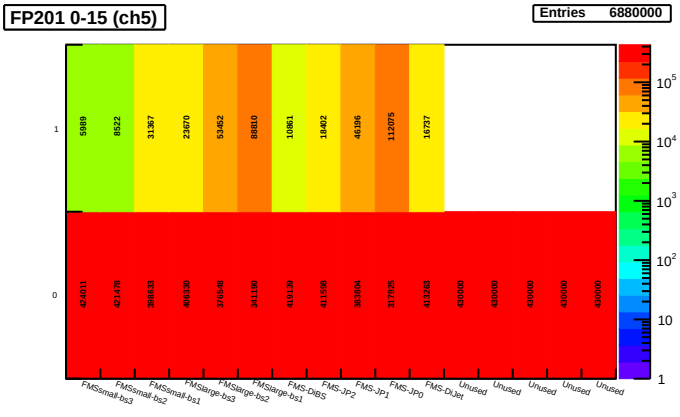

Entries 0


EM201 0-15 (ch3)
Entries 6880000
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 1865368
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 6880000
93
21
430000
394552
427654
427654
430000
430000
429907
429979
430000
430000
430000
430000
430000
430000
430000
430000
35648
2346
2346
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 6880000
5989
8522
31367
23670
53452
88810
10861
18402
46196
112075
16737
424011
421478
398633
406330
376548
341130
419139
411598
383804
317925
413263
430000
430000
430000
430000
430000
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
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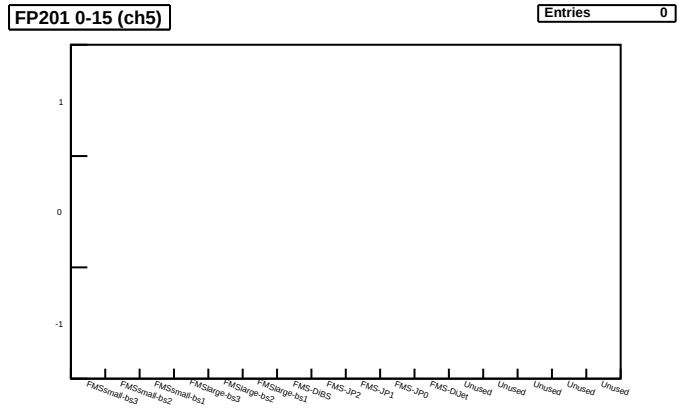
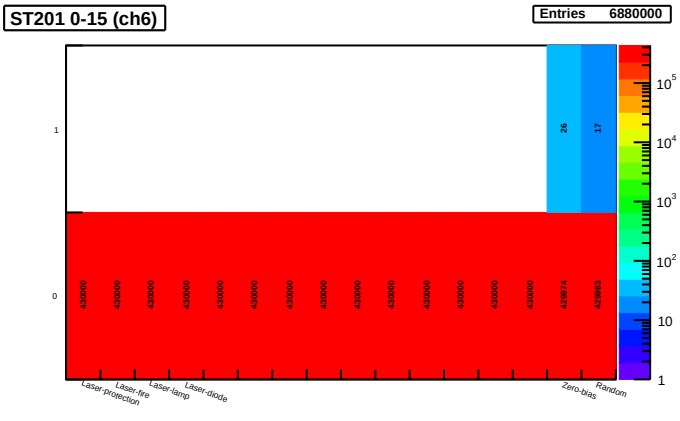
Unused
Unused
Unused
Unused


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


ST201 0-15 (ch6)
Entries 6880000
26
17
430000
430000
430000
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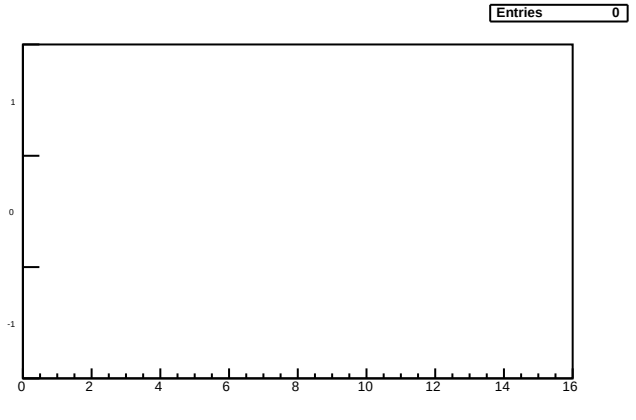
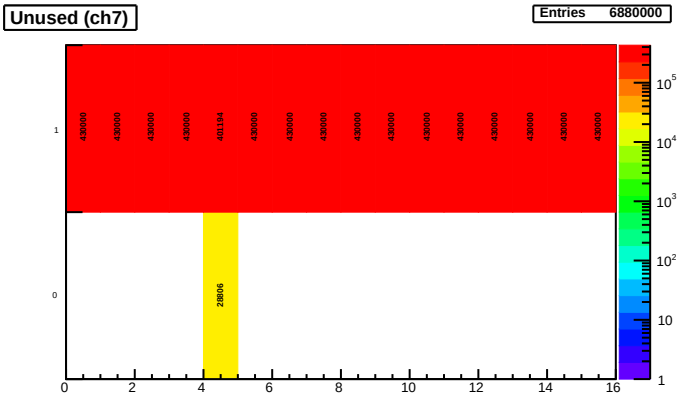
430000
429974
429983
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 6880000
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401194
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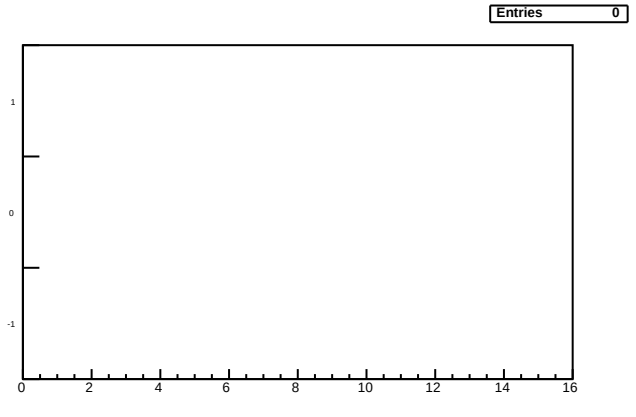
28806


Entries 0