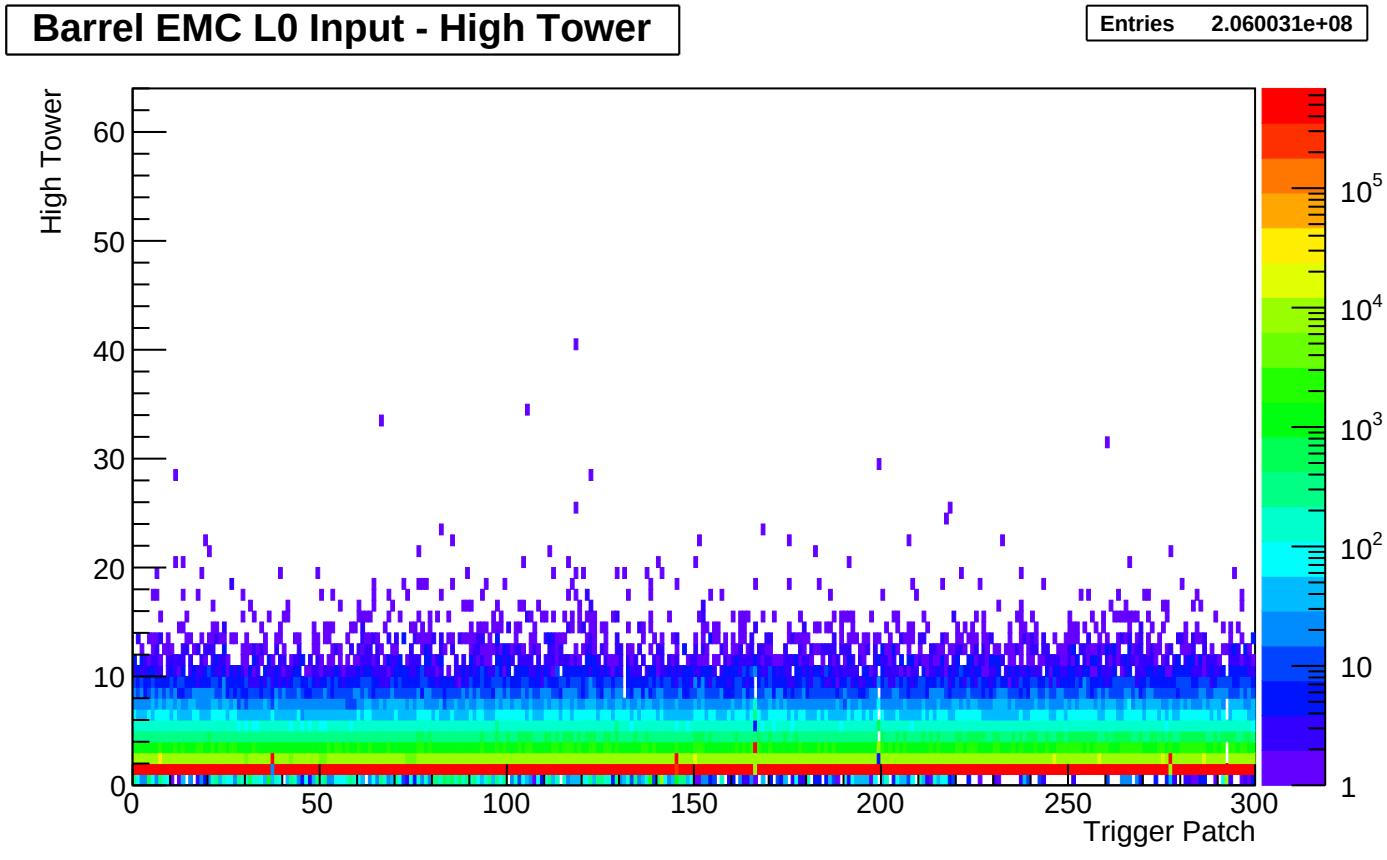
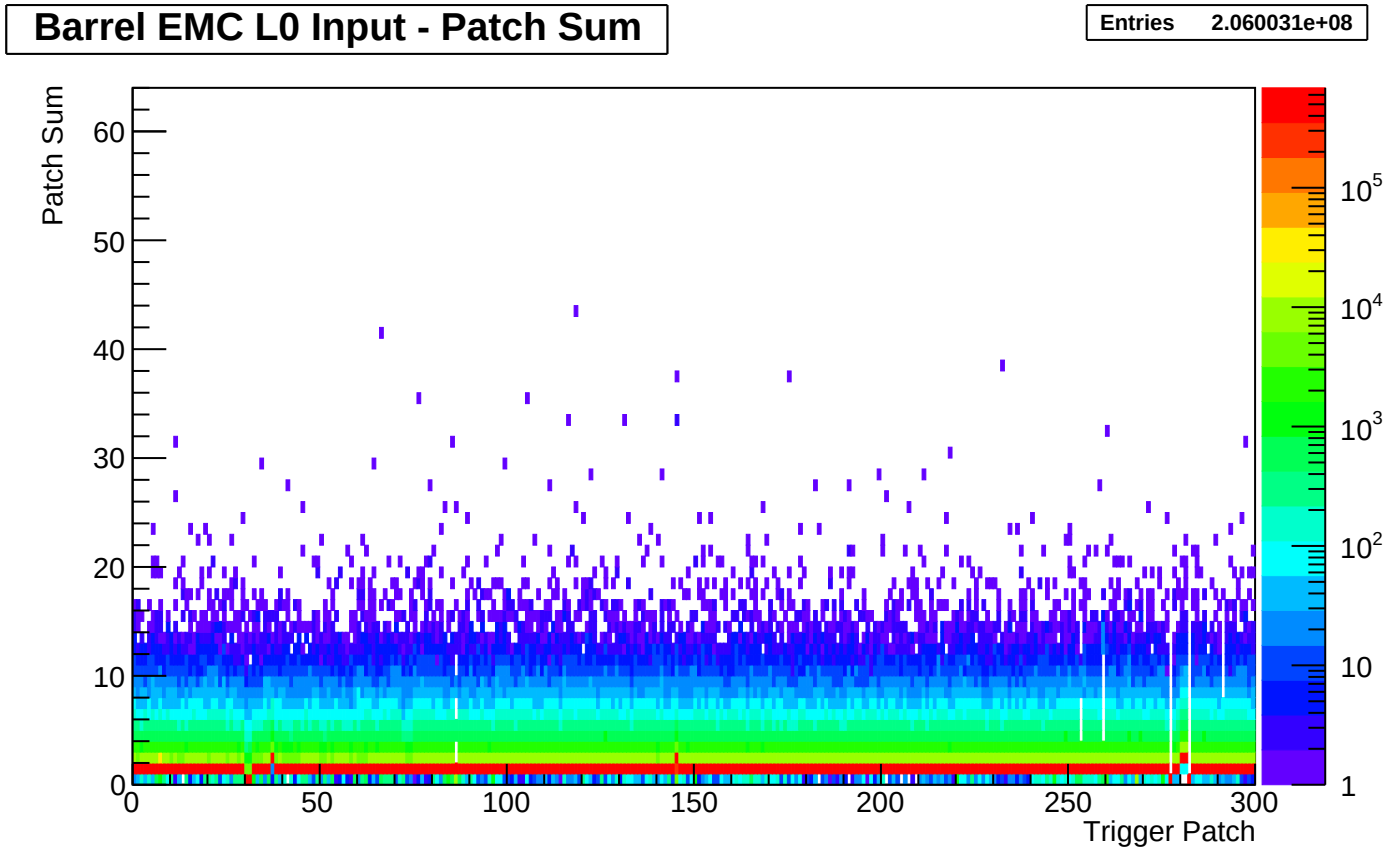
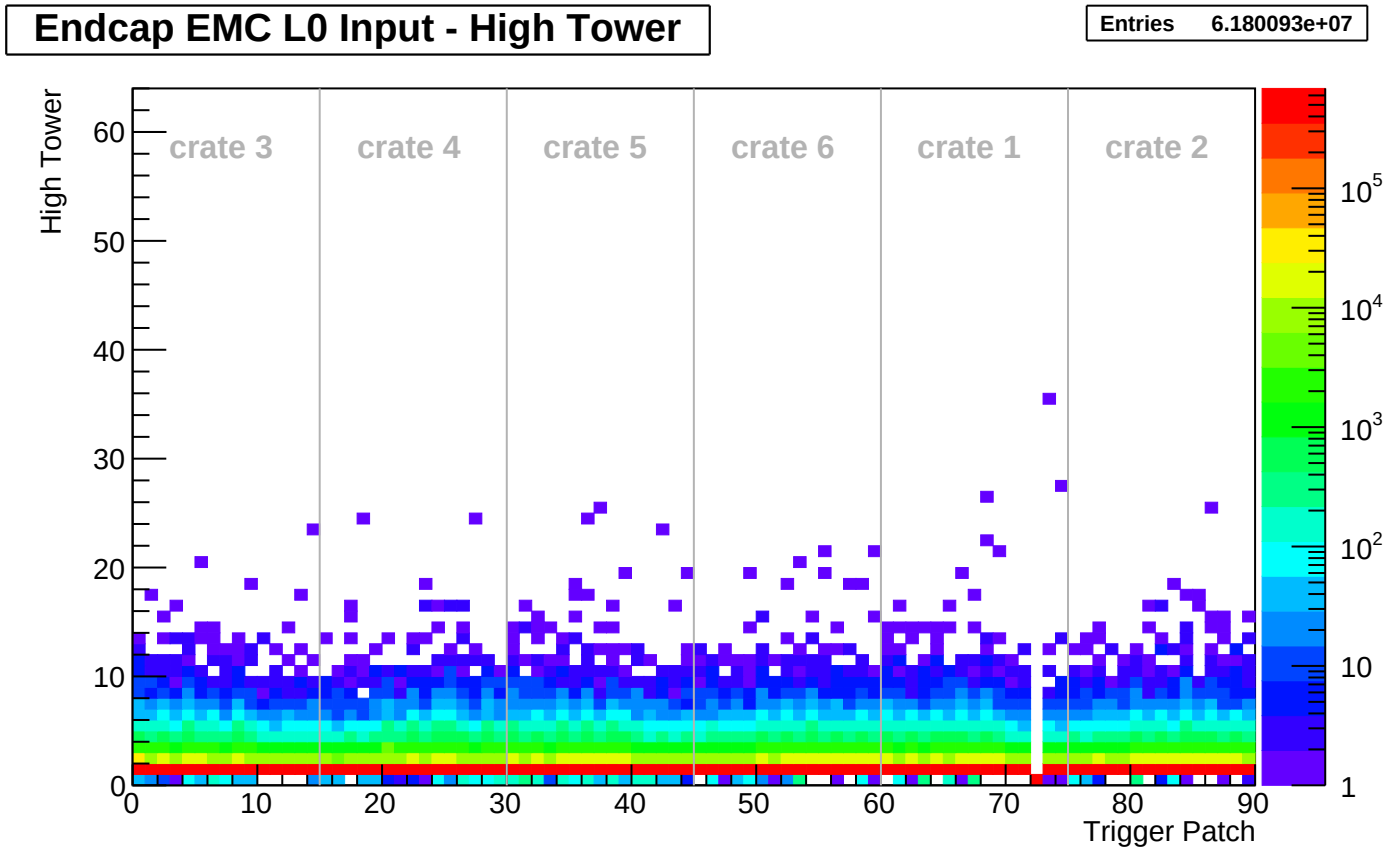
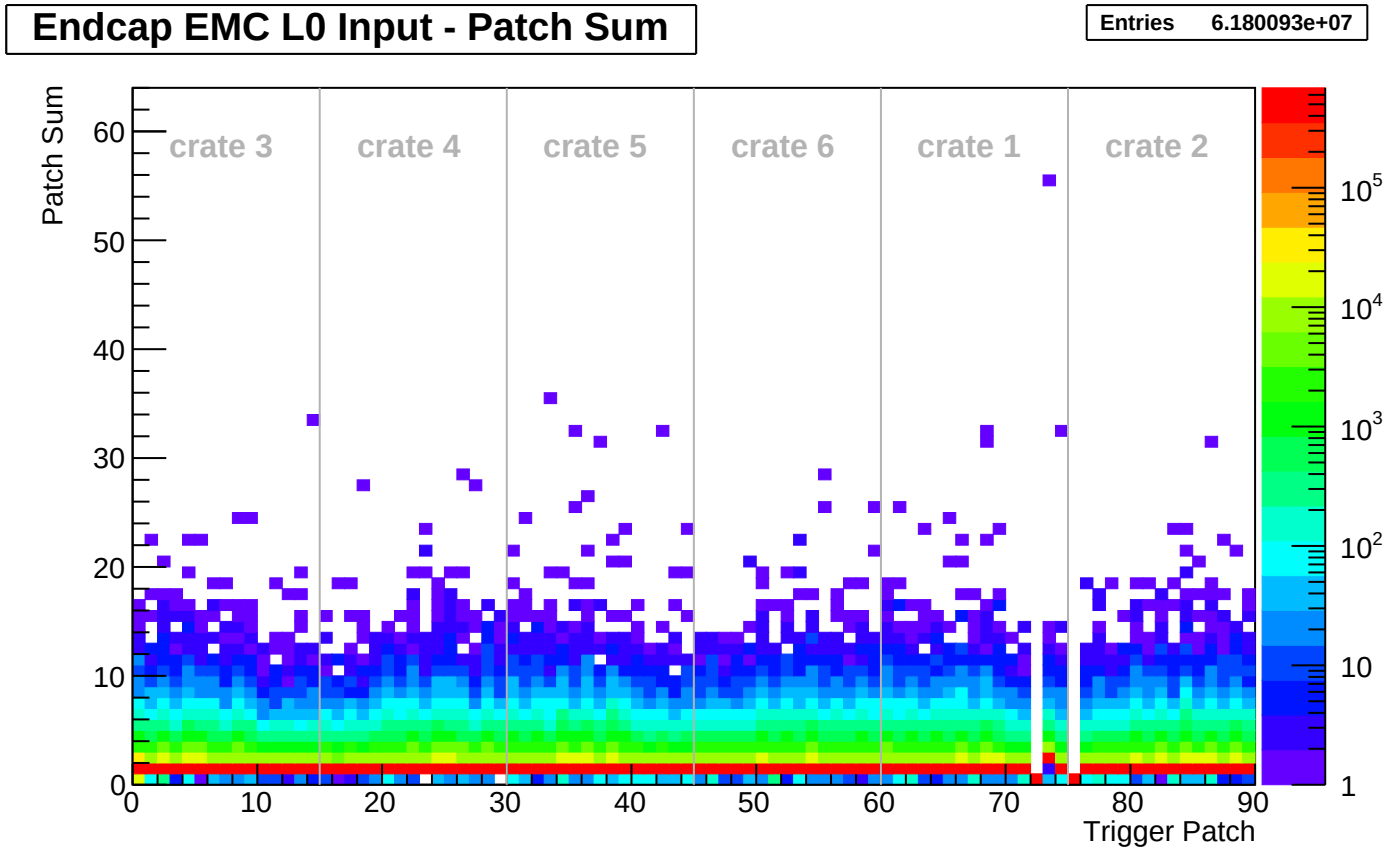
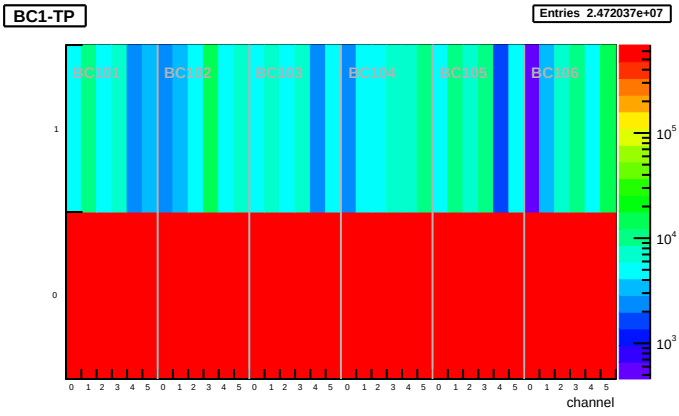
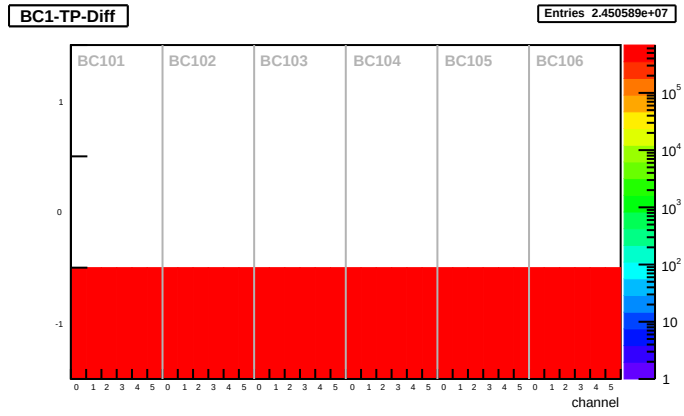

Barrel EMC L0 Input - High Tower
Entries 2.060031e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

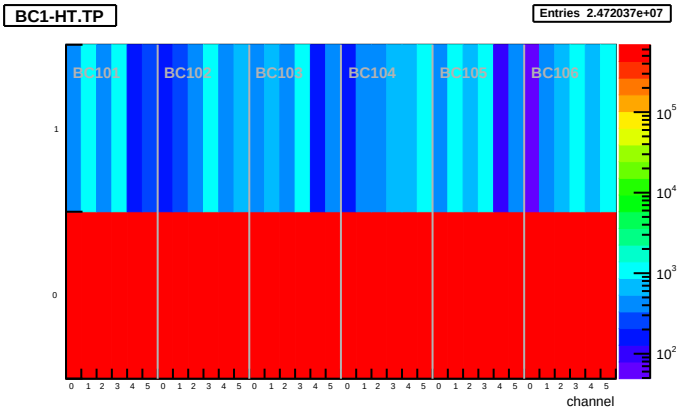

Barrel EMC L0 Input - Patch Sum
Entries 2.060031e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

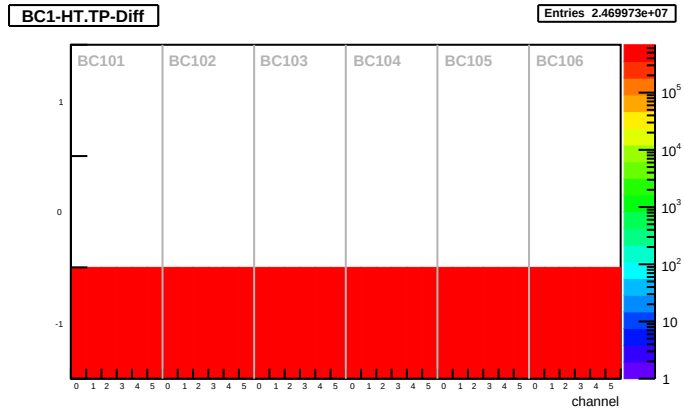

Endcap EMC L0 Input - High Tower
Entries 6.180093e+07
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

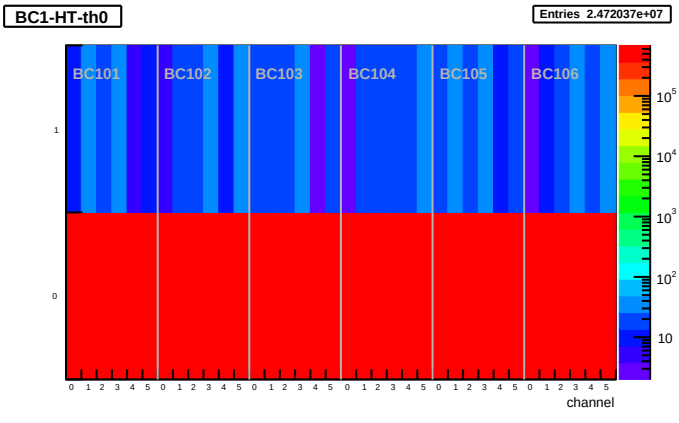

Endcap EMC L0 Input - Patch Sum
Entries 6.180093e+07
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

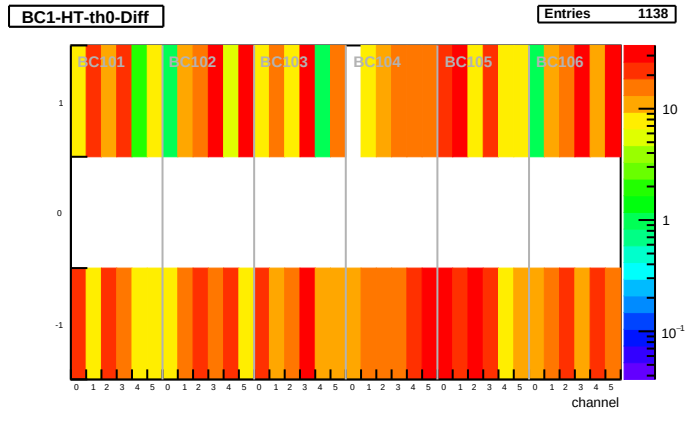

BC1-TP
Entries 2.472037e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

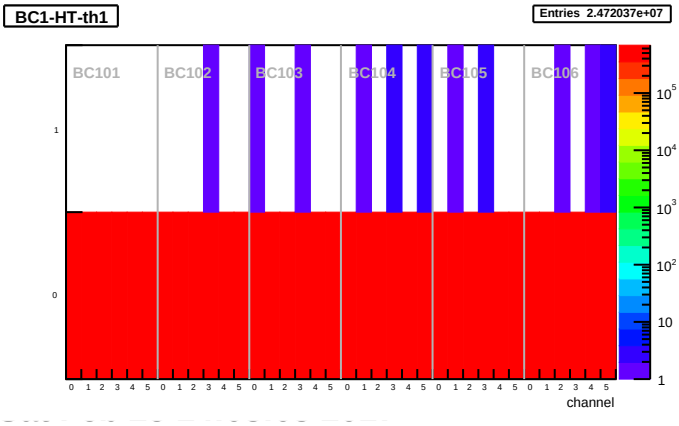

BC1-TP-Diff
Entries 2.450589e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

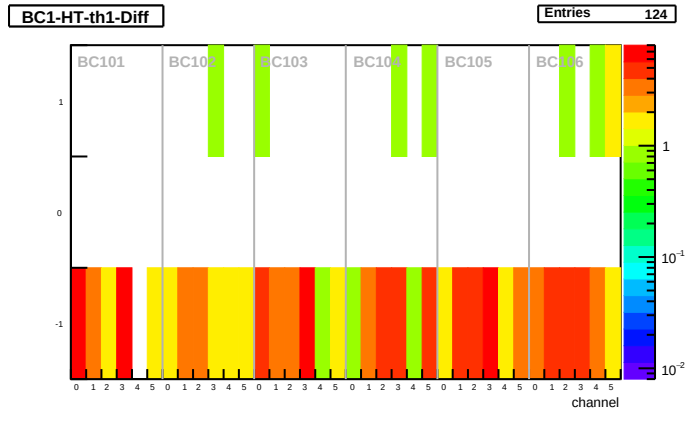

BC1-HT.TP
Entries 2.472037e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT.TP-Diff
Entries 2.469973e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT-th0
Entries 2.472037e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

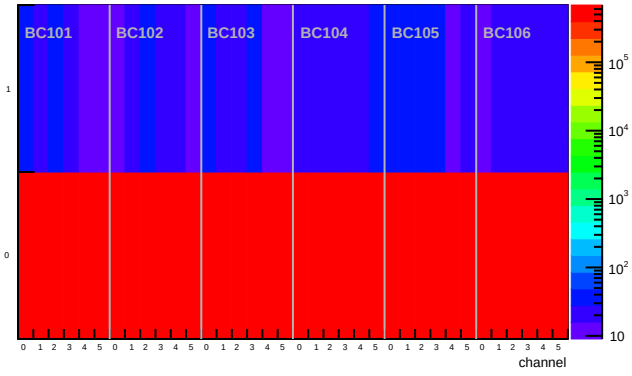

BC1-HT-th0-Diff
Entries 1138
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT-th1
Entries 2.472037e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT-th1-Diff
Entries 124
BC101
BC102
BC103
BC104
BC105
BC106
channel

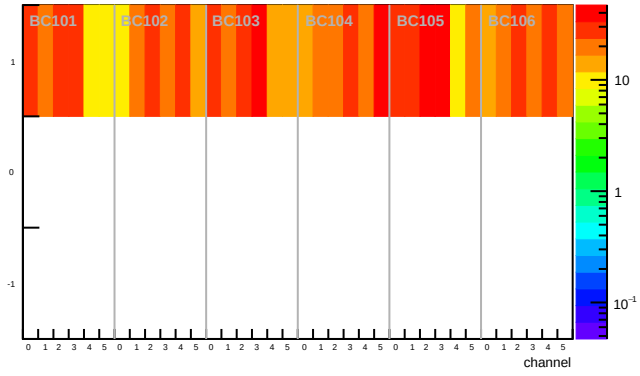
BC1-HT-th2

Entries 2.472037e+07



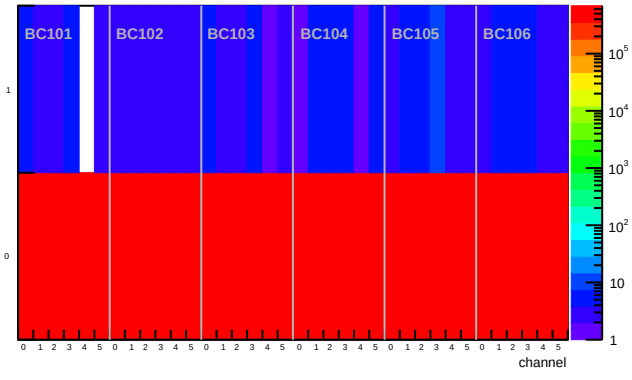
BC1-HT-th2-Diff

Entries 829



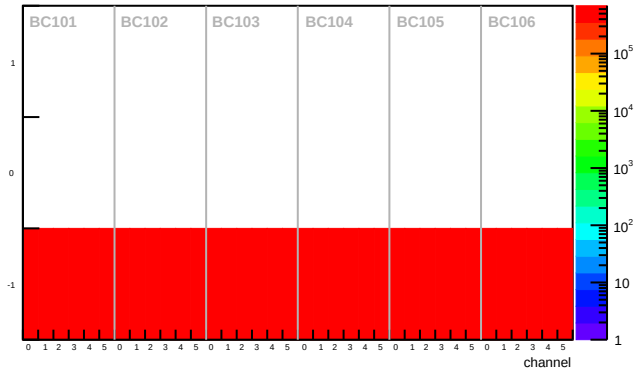
BC1-HT-th3

Entries 2.472037e+07



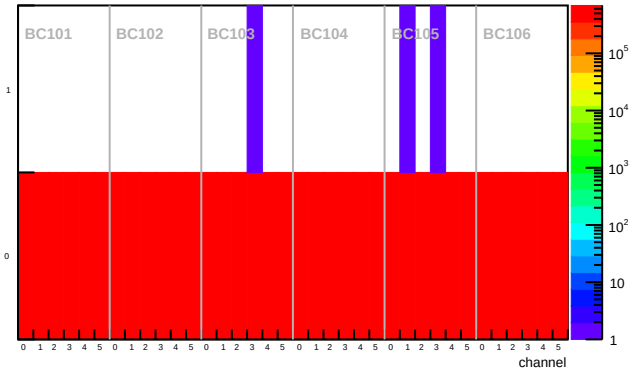
BC1-HT-th3-Diff

Entries 2.472025e+07



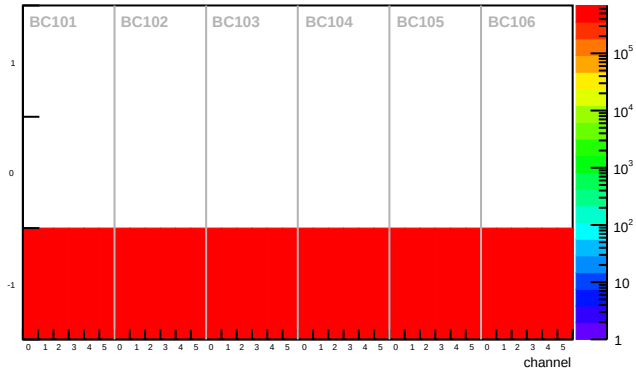
BC1-HT-th4

Entries 2.472037e+07



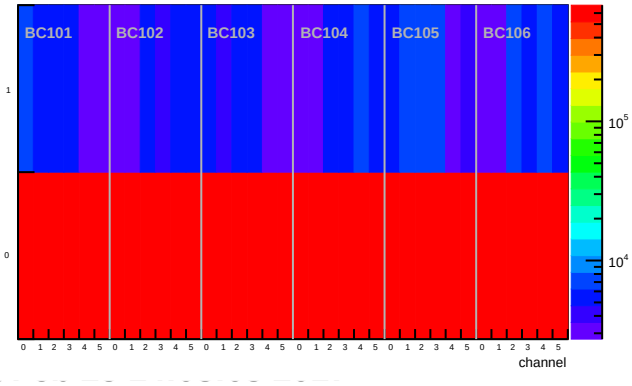
BC1-HT-th4-Diff

Entries 2.472037e+07



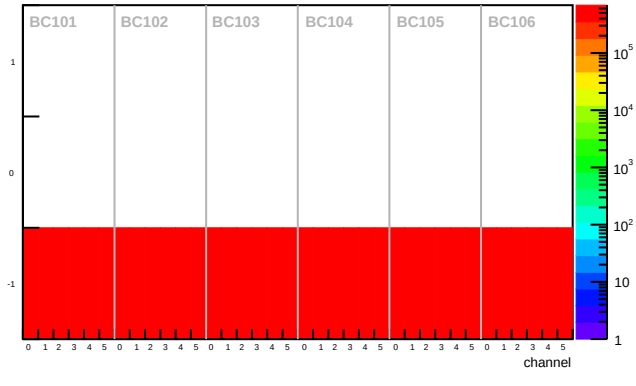
BC1-HT-UPC

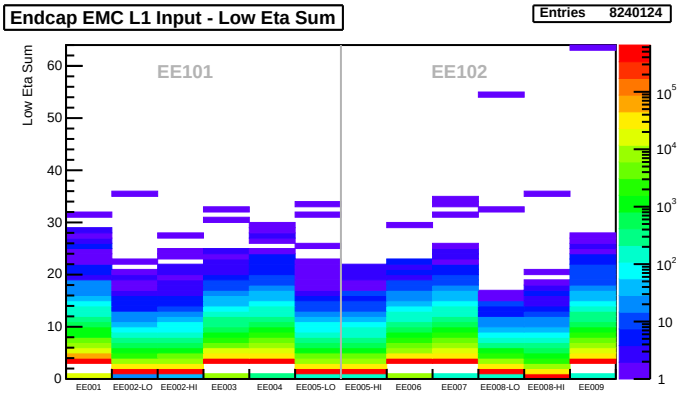
Entries 2.472037e+07

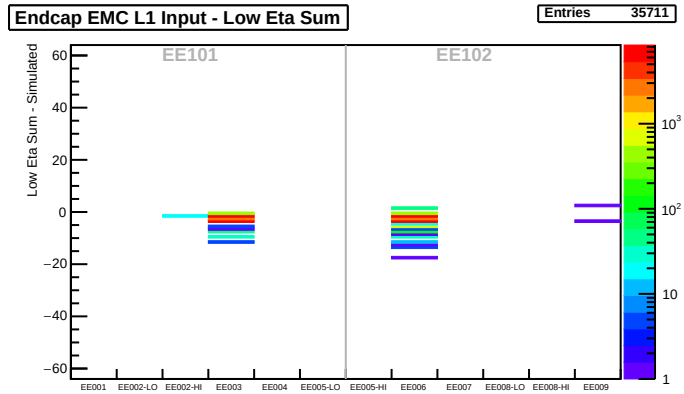


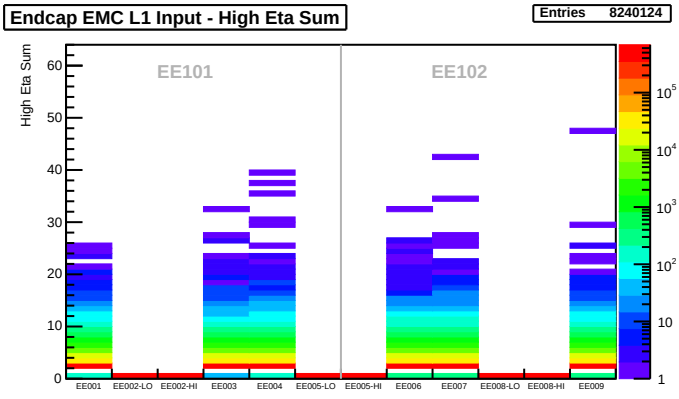
BC1-HT-UPC-Diff

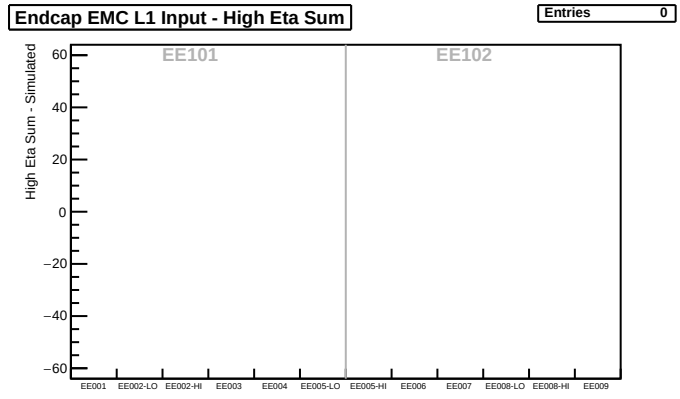
Entries 2.454077e+07

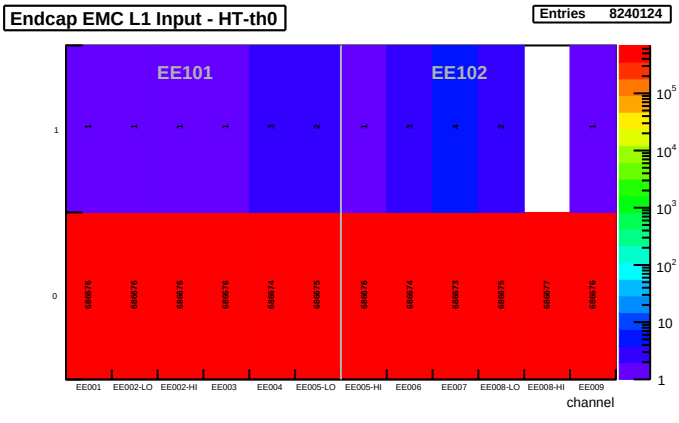


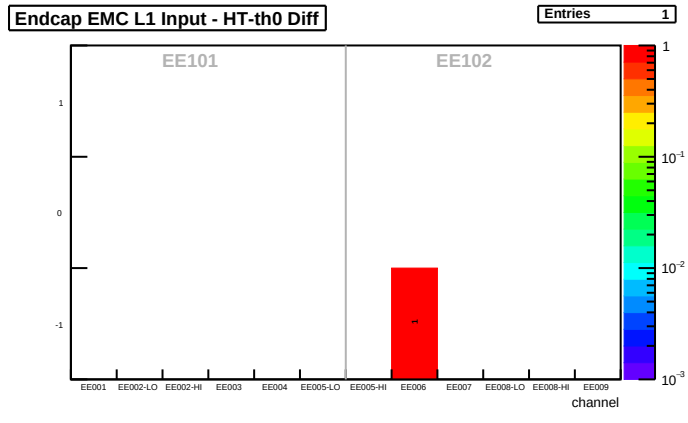

Endcap EMC L1 Input - Low Eta Sum
Entries 8240124
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

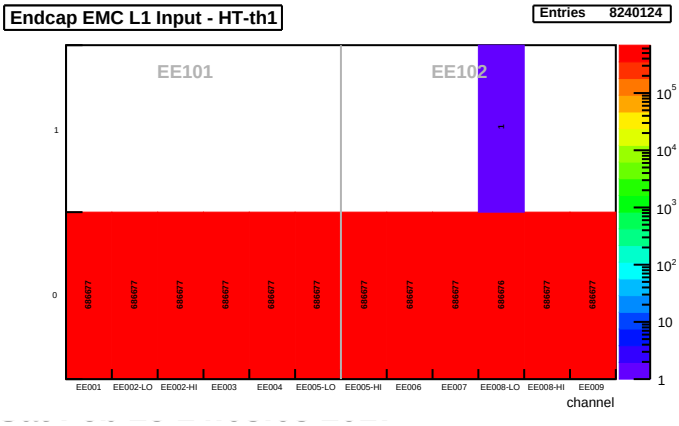

Endcap EMC L1 Input - Low Eta Sum
Entries 35711
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

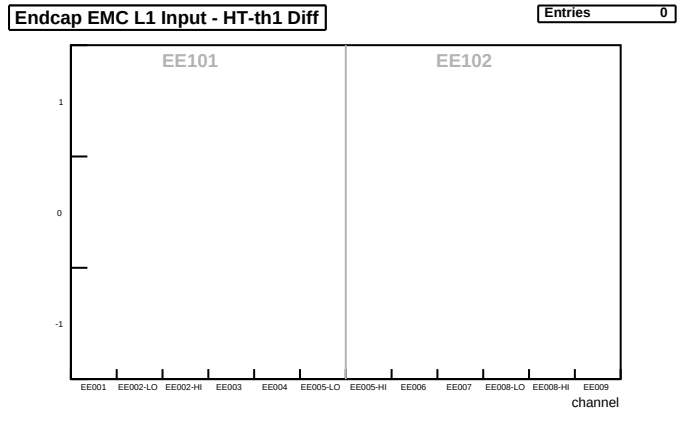

Endcap EMC L1 Input - High Eta Sum
Entries 8240124
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

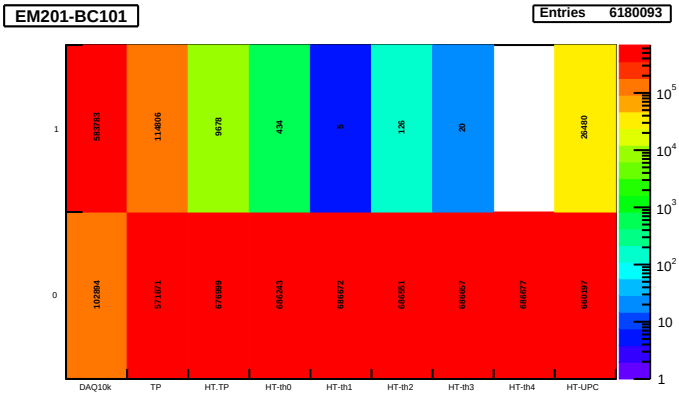

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

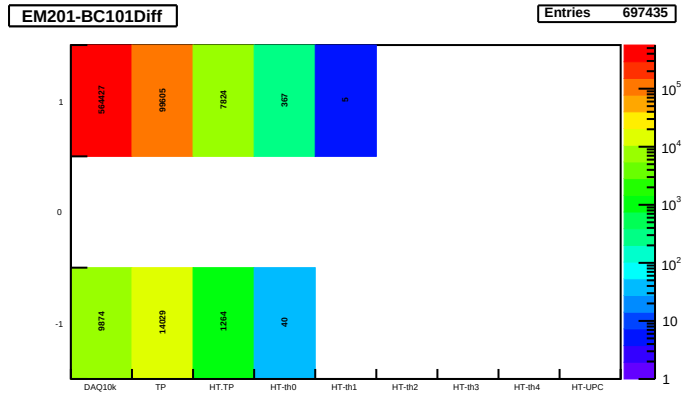

Endcap EMC L1 Input - HT-th0
Entries 8240124
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

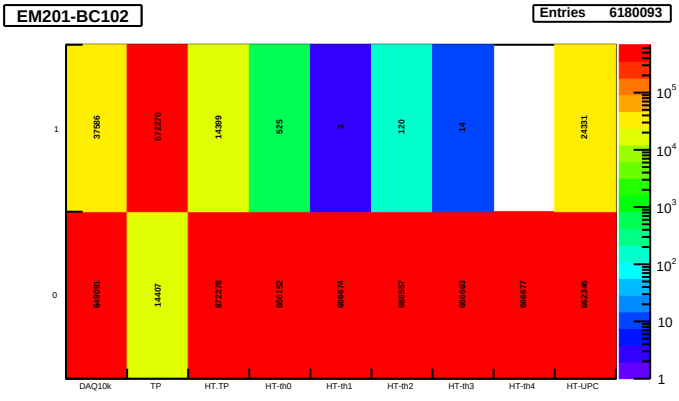

Endcap EMC L1 Input - HT-th0 Diff
Entries 1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

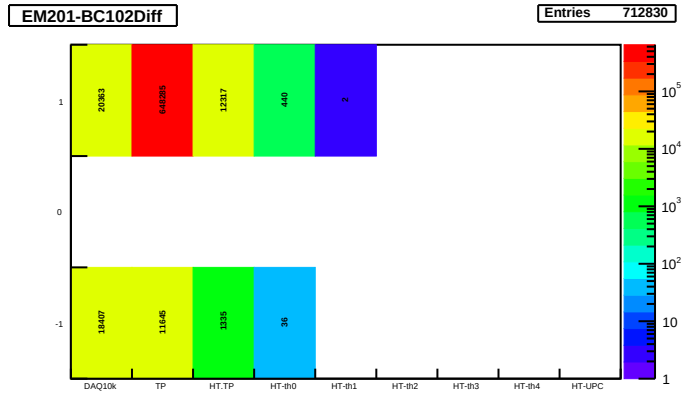

Endcap EMC L1 Input - HT-th1
Entries 8240124
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

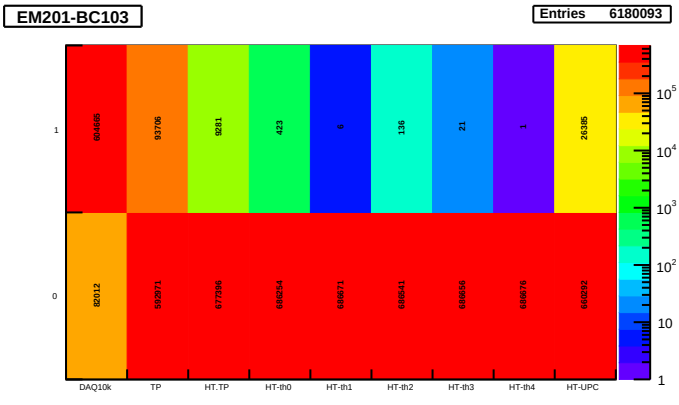

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

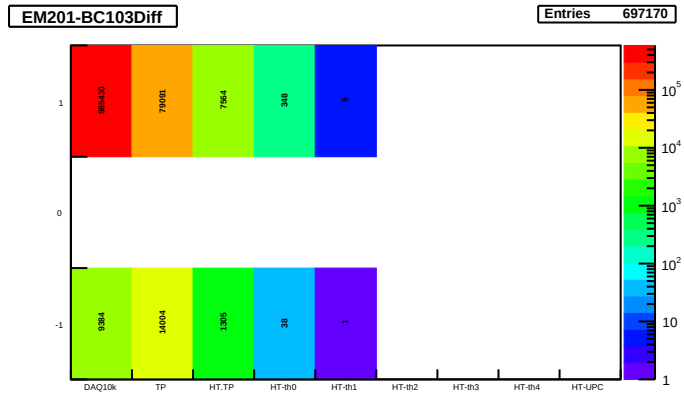

EM201-BC101
Entries 6180093
1
0
583783
114806
9678
434
5
126
20
26480
102884
571871
676999
686243
686672
686651
686667
686677
660197
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

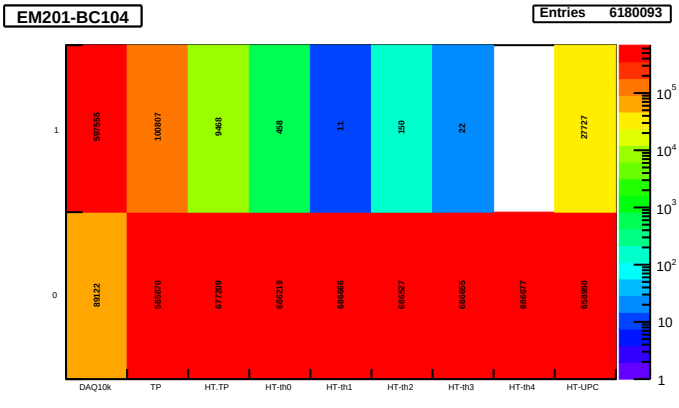

EM201-BC101Diff
Entries 697435
1
0
-1
564427
99605
7824
367
5
9874
14029
1264
40
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

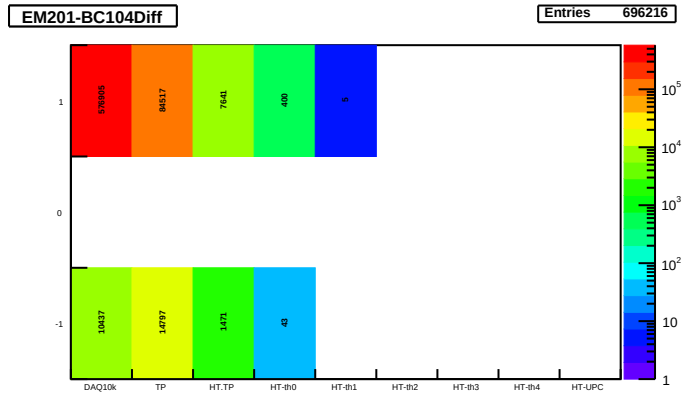

EM201-BC102
Entries 6180093
1
0
37386
672270
14399
525
3
120
14
24331
649091
14407
672278
686152
686674
686657
686663
686677
662346
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC102Diff
Entries 712830
1
0
-1
20363
646285
12317
440
2
18407
11645
1335
36
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

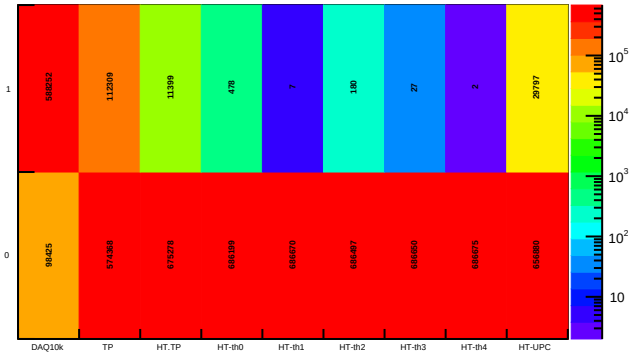

EM201-BC103
Entries 6180093
1
0
604665
93706
9281
423
6
136
21
1
26385
82012
593971
677286
686254
686671
686541
686656
686676
662292
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC103Diff
Entries 697170
1
0
-1
585430
79991
7984
348
5
9384
14004
1305
38
1
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

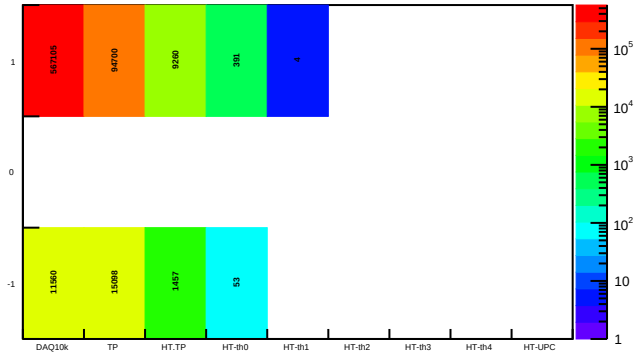

EM201-BC104
Entries 6180093
1
0
597555
100807
9468
458
11
150
22
27727
88122
585870
677209
686219
686666
686627
686655
686677
658350
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC104Diff
Entries 696216
1
0
-1
576905
84517
7641
400
5
10437
14797
1471
43
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

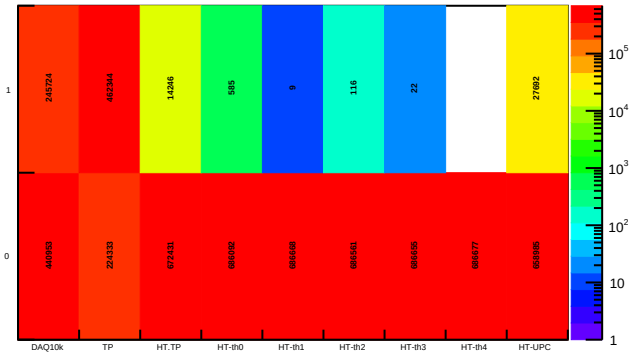
EM201-BC105 Entries 6180093



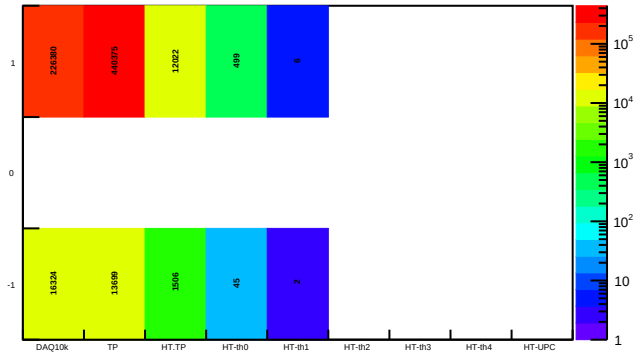
EM201-BC105Diff Entries 699628



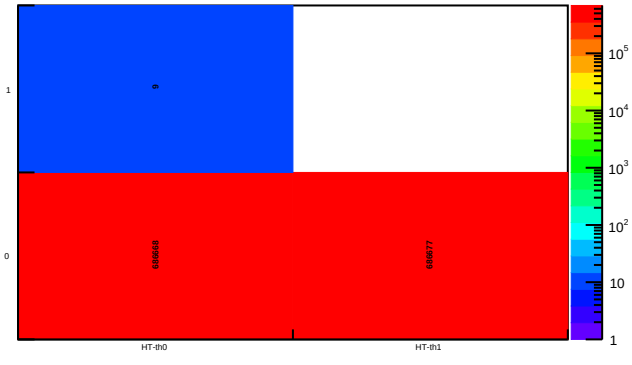
EM201-BC106 Entries 6180093



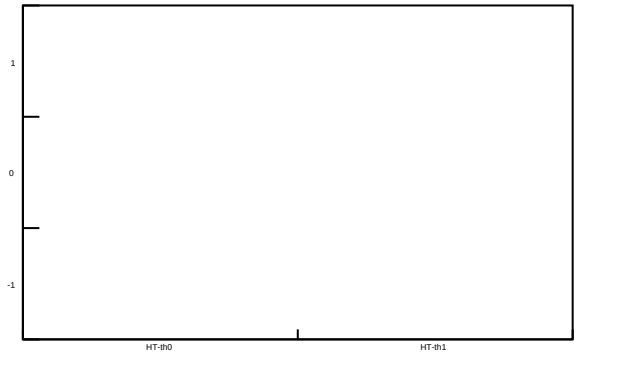
EM201-BC106Diff Entries 710858



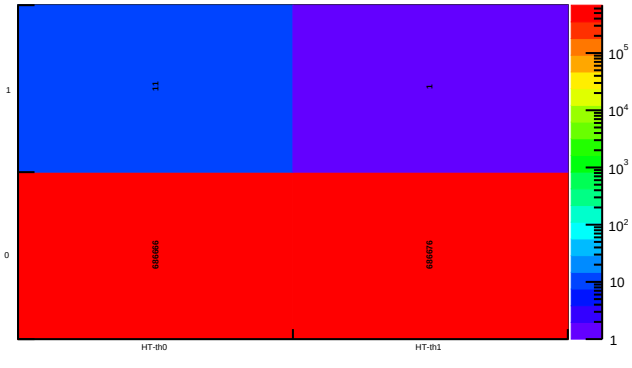
EM201-EE101 Entries 1373354



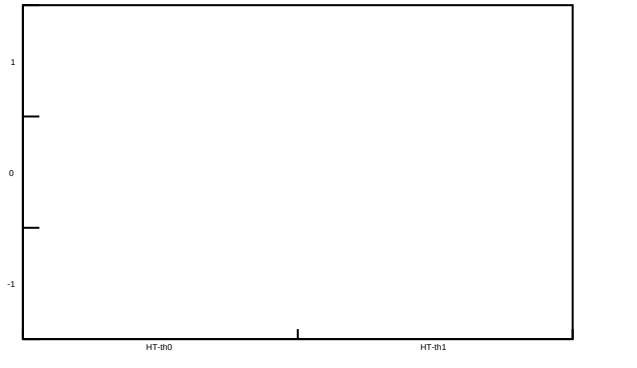
EM201-EE101Diff Entries 0

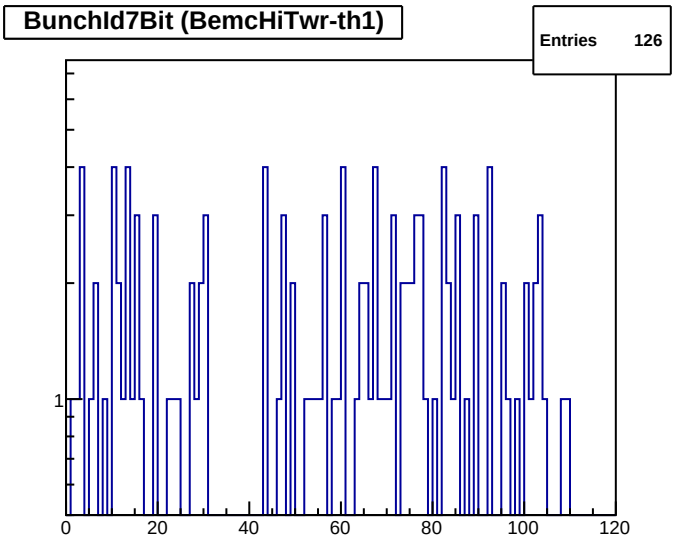


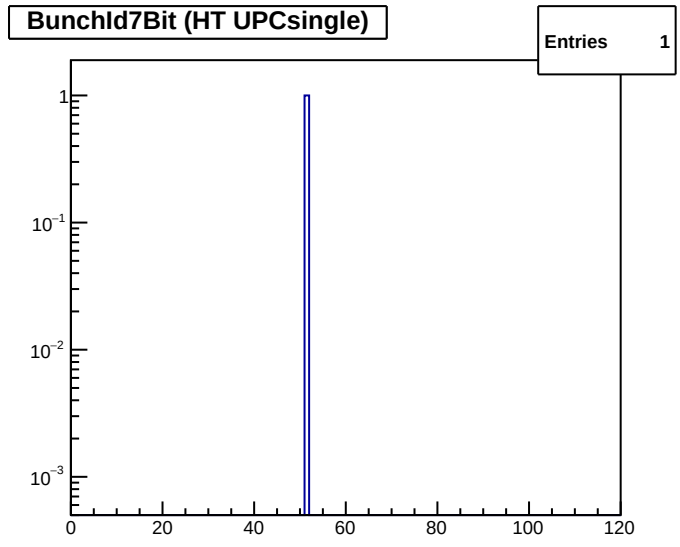
EM201-EE102 Entries 1373354

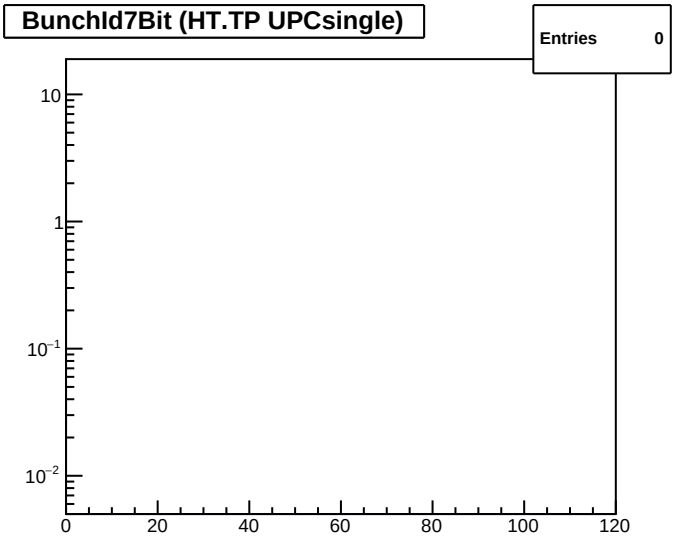


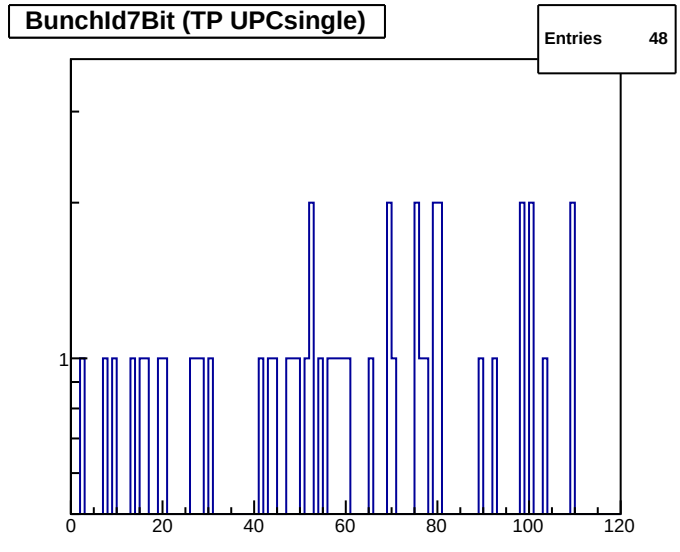
EM201-EE102Diff Entries 0

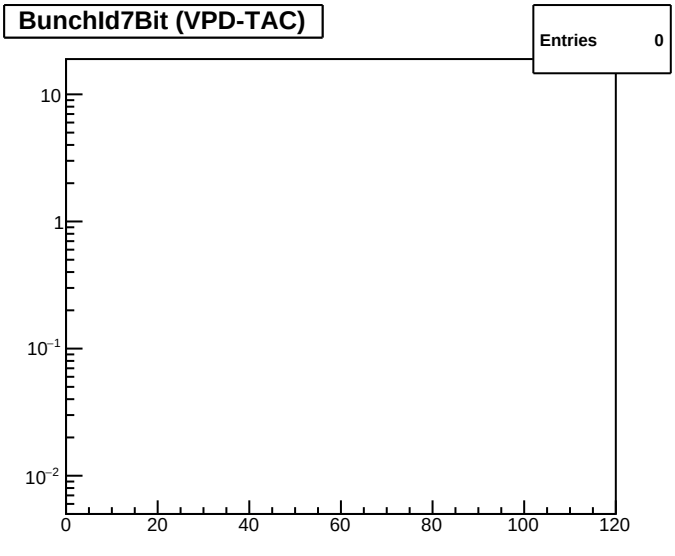


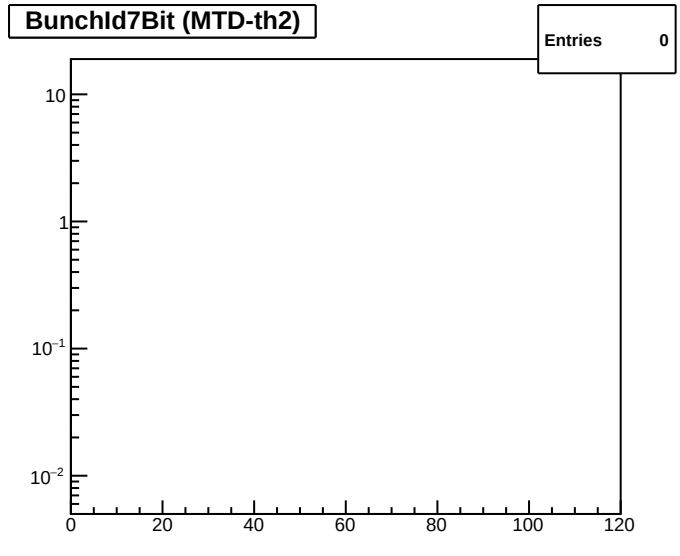

BunchId7Bit (BemcHiTwr-th1)
Entries 126
1
0 20 40 60 80 100 120

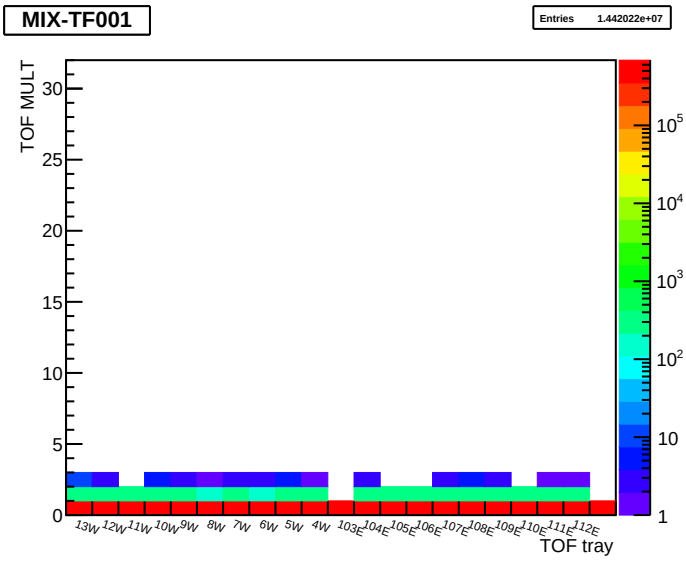

BunchId7Bit (HT UPCsingle)
Entries 1
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

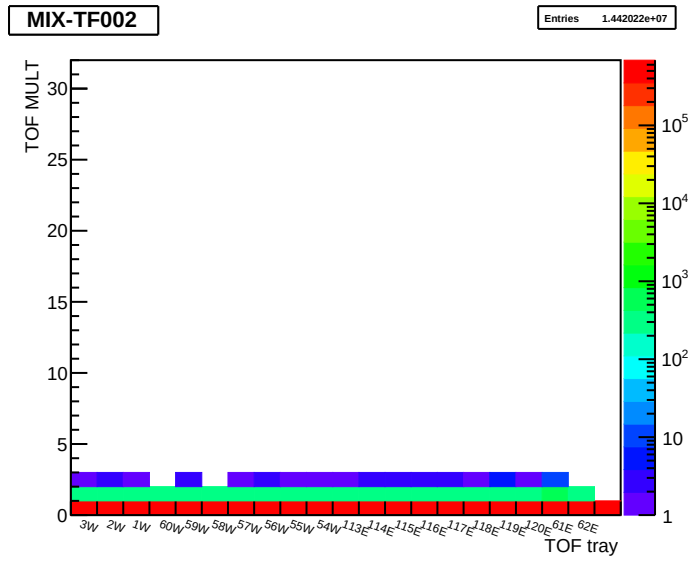

BunchId7Bit (HT.TP UPCsingle)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

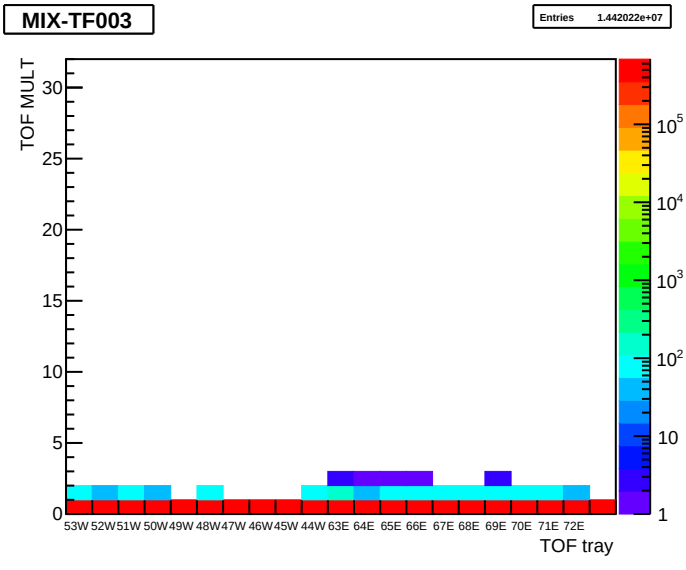

BunchId7Bit (TP UPCsingle)
Entries 48
1
0 20 40 60 80 100 120

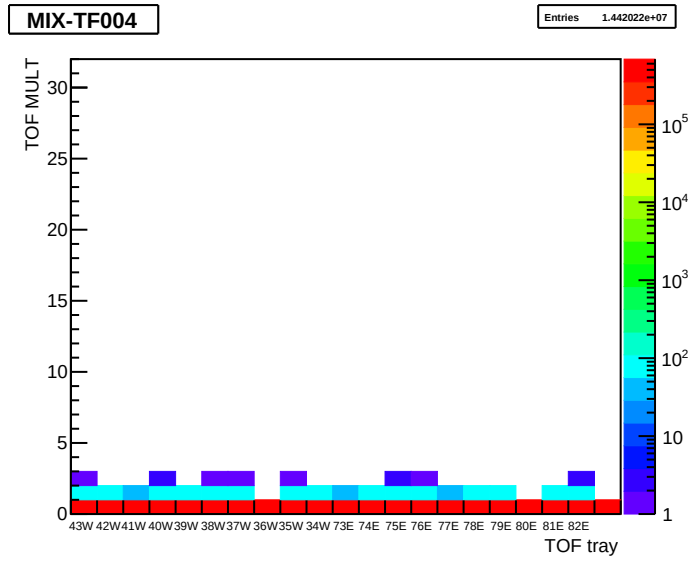

BunchId7Bit (VPD-TAC)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

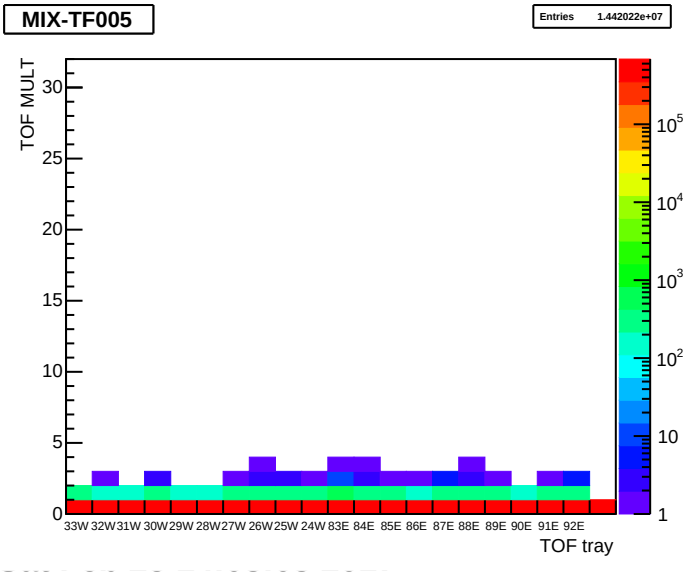

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

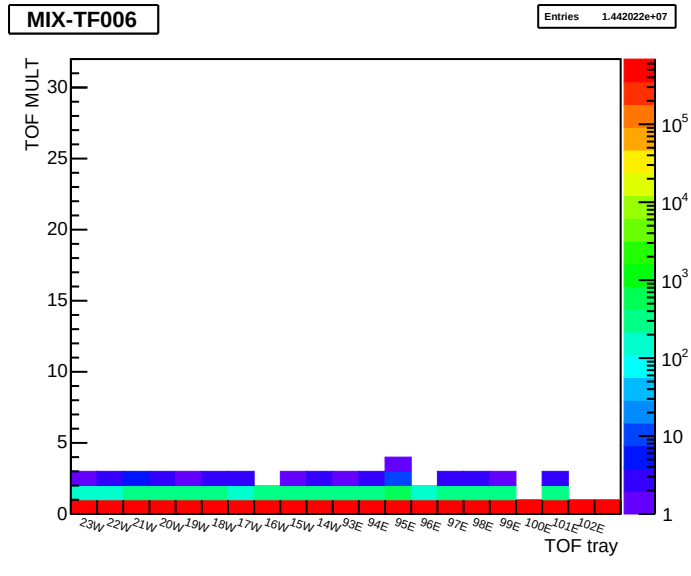

MIX-TF001
Entries 1.442022e+07
TOF MULT
TOF tray

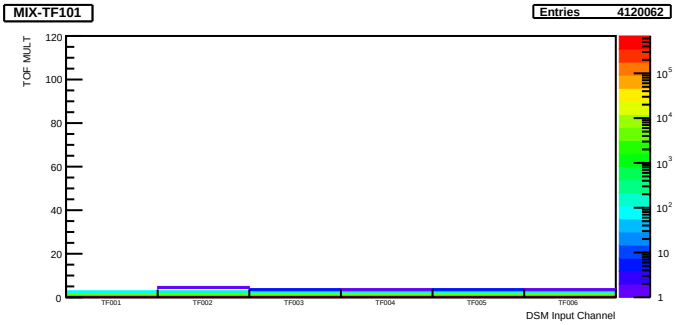

MIX-TF002
Entries 1.442022e+07
TOF MULT
TOF tray

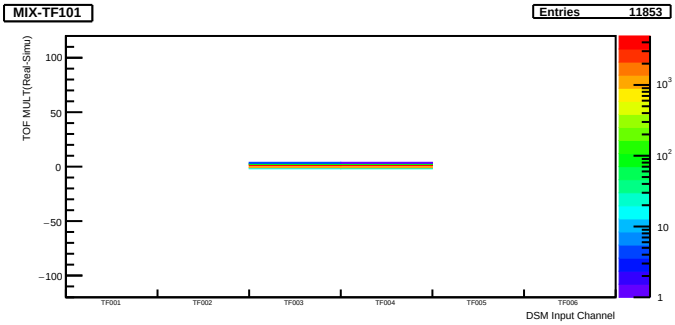

MIX-TF003
Entries 1.442022e+07
TOF MULT
TOF tray

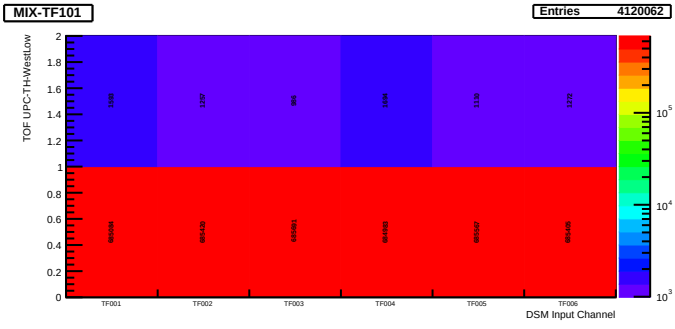

MIX-TF004
Entries 1.442022e+07
TOF MULT
TOF tray

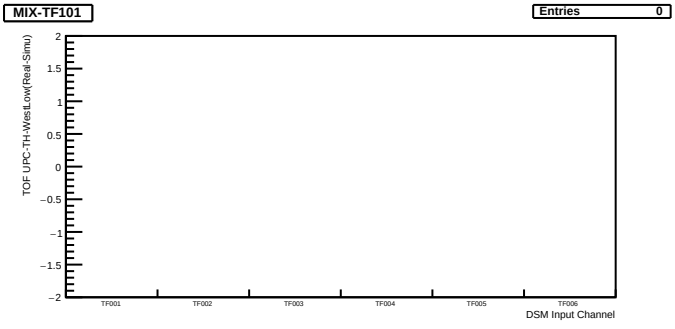

MIX-TF005
Entries 1.442022e+07
TOF MULT
TOF tray

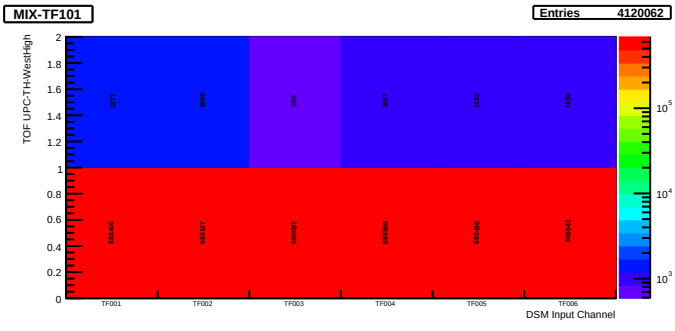

MIX-TF006
Entries 1.442022e+07
TOF MULT
TOF tray

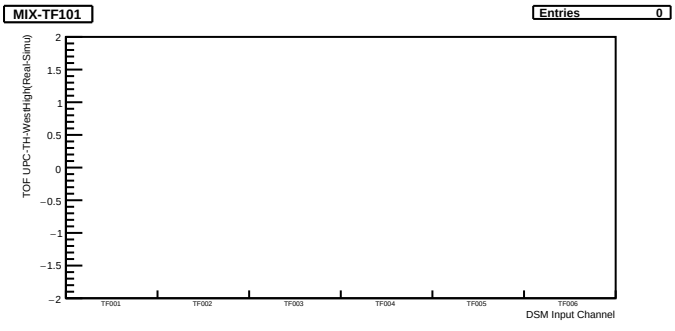

MIX-TF101
Entries 4120062
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

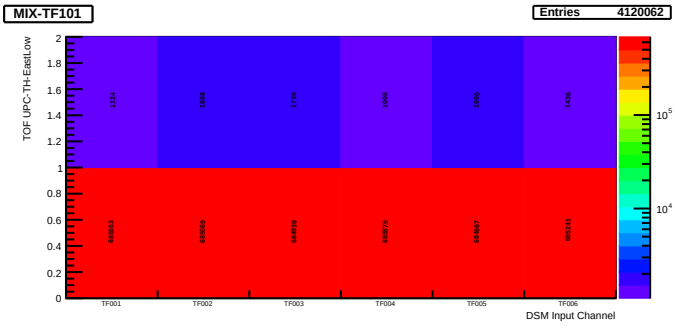

MIX-TF101
Entries 11853
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

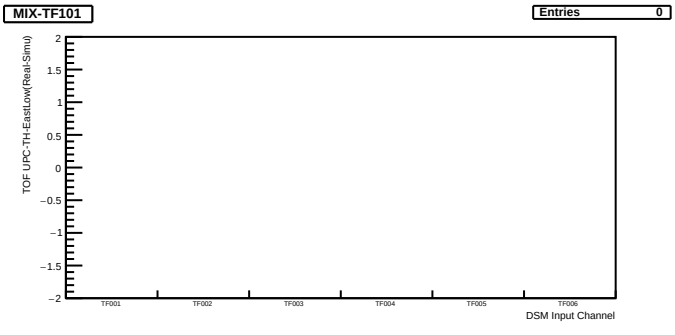

MIX-TF101
Entries 4120062
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

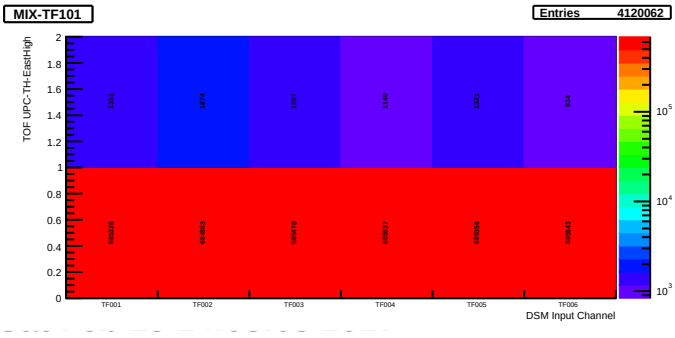

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

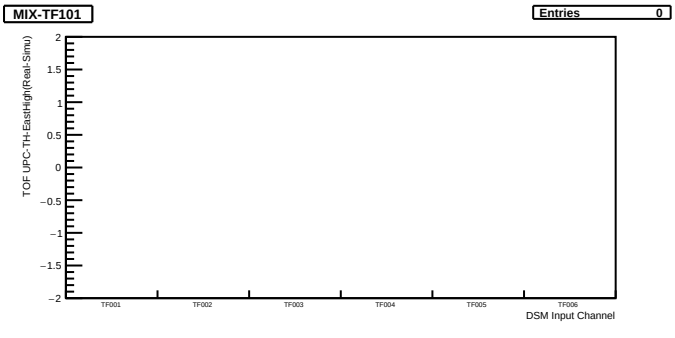

MIX-TF101
Entries 4120062
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

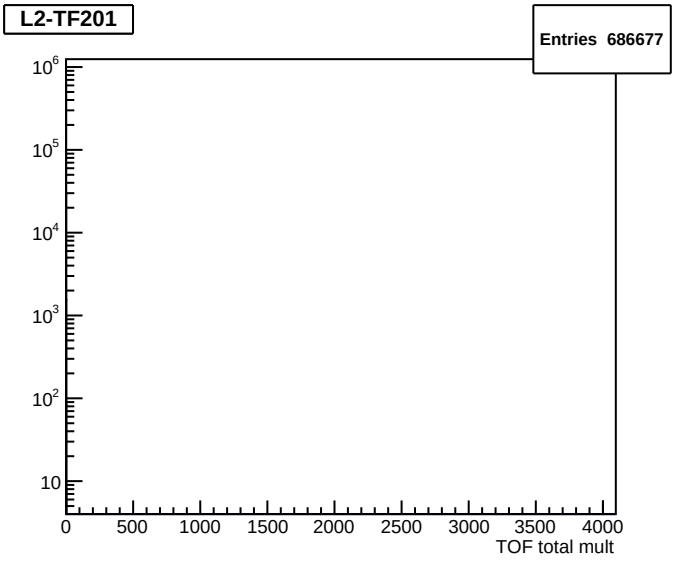

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

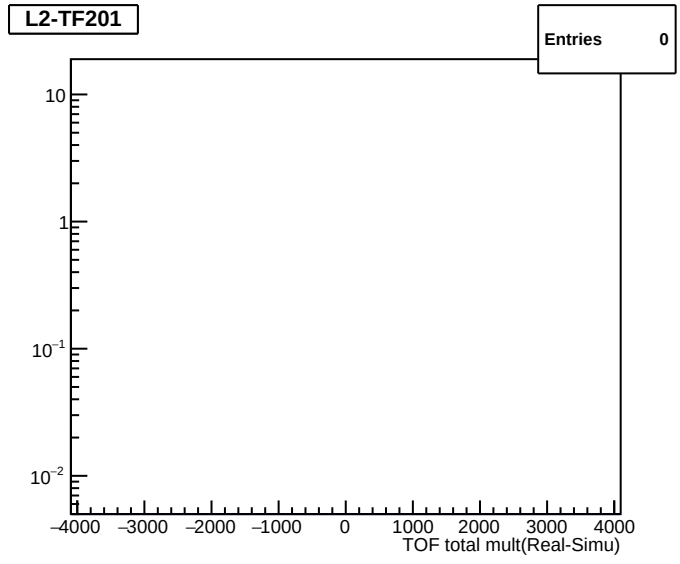

MIX-TF101
Entries 4120062
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

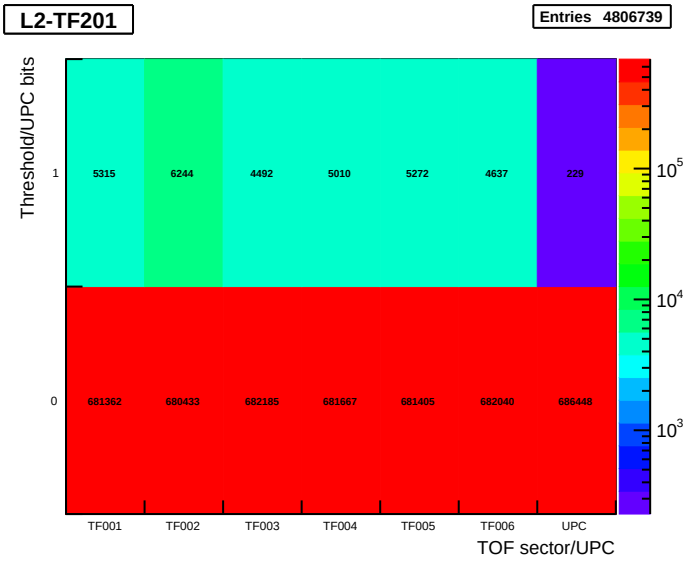

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

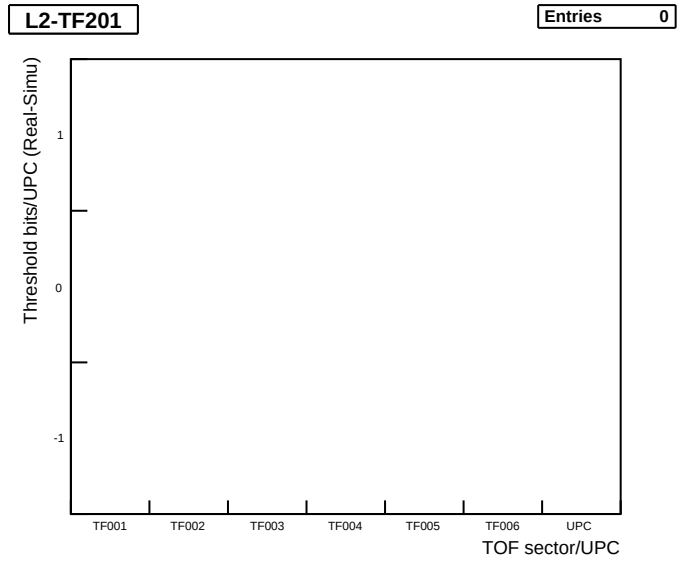

MIX-TF101
Entries 4120062
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

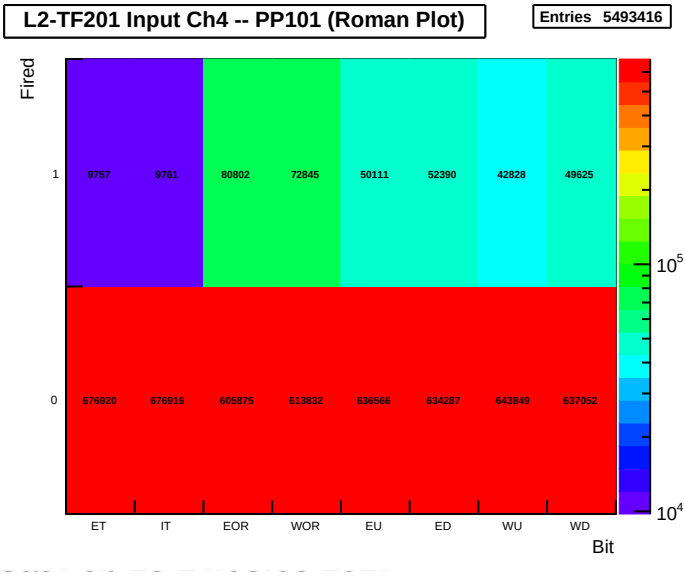

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

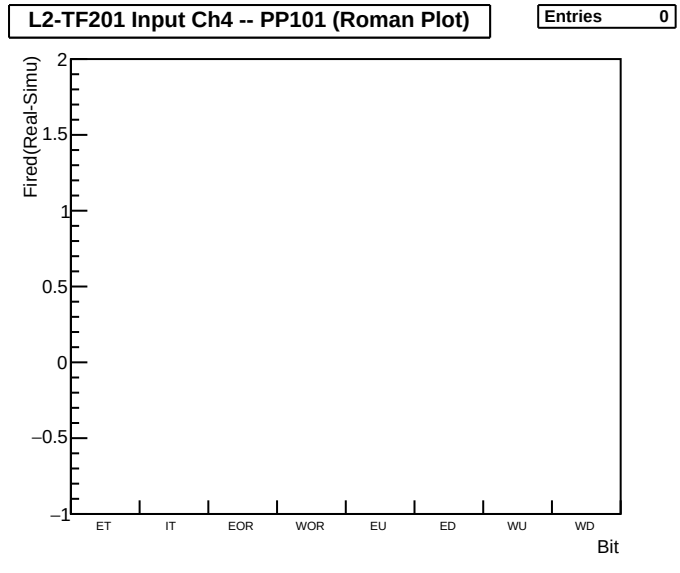

L2-TF201
Entries 686677
TOF total mult

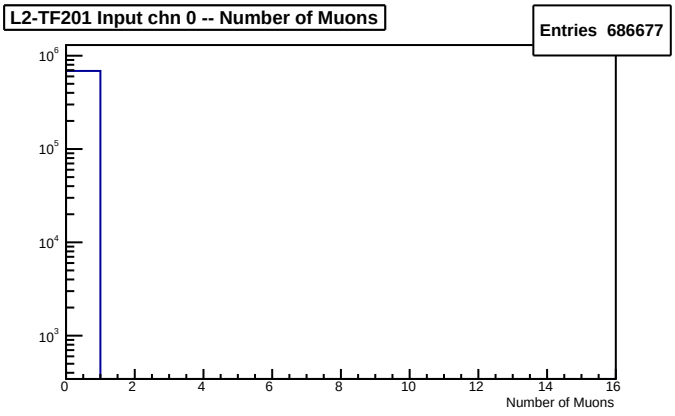

L2-TF201
Entries 0
TOF total mult(Real-Simu)

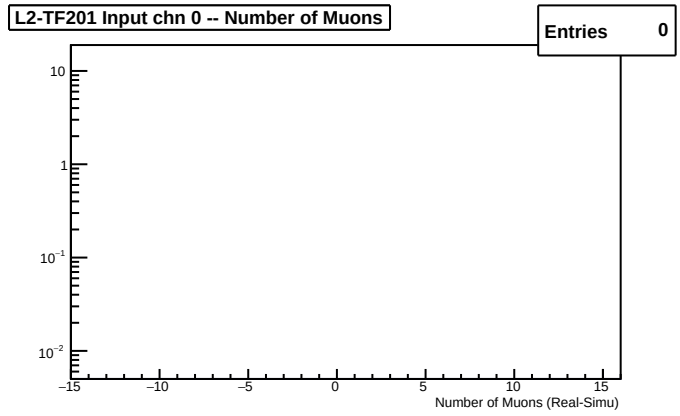

L2-TF201
Entries 4806739
Threshold/UPC bits
5315
6244
4492
5010
5272
4637
229
681362
680433
682185
681667
681405
682040
686448
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

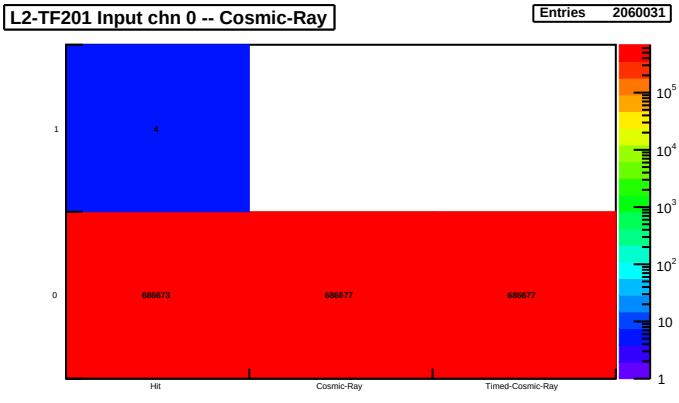

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

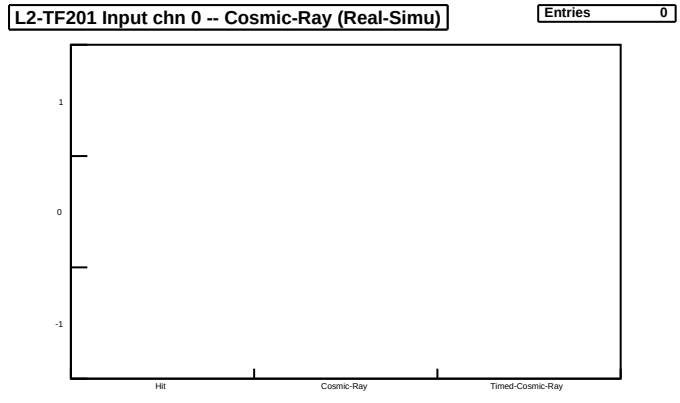

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5493416
Fired
9757
9761
80802
72845
50111
52390
42828
49625
676920
676916
605875
613832
636566
634287
643849
637052
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

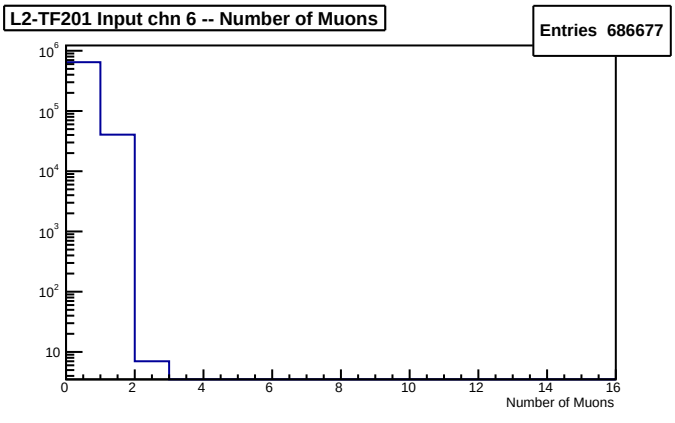

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

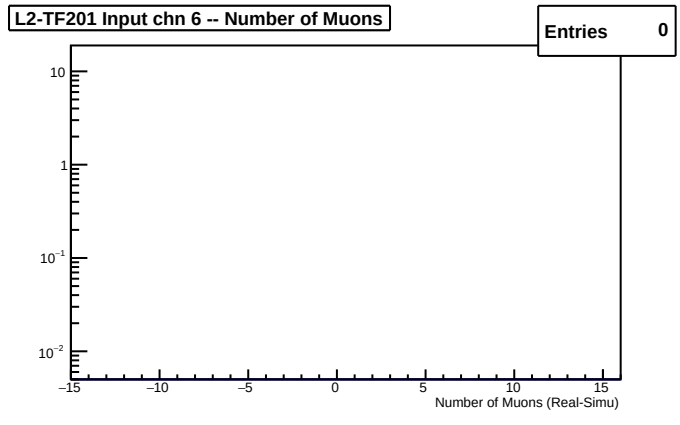

L2-TF201 Input chn 0 -- Number of Muons
Entries 686677
Number of Muons

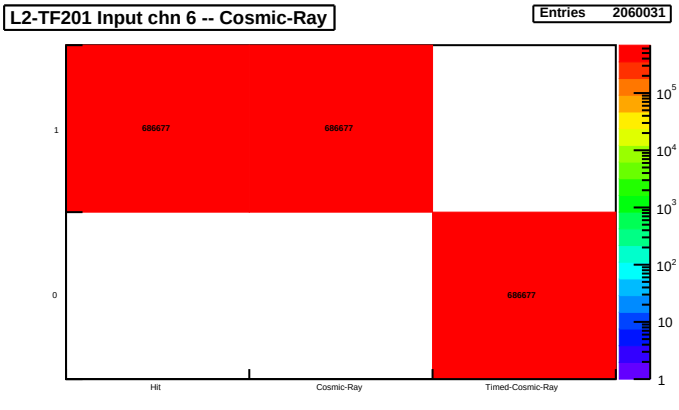

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

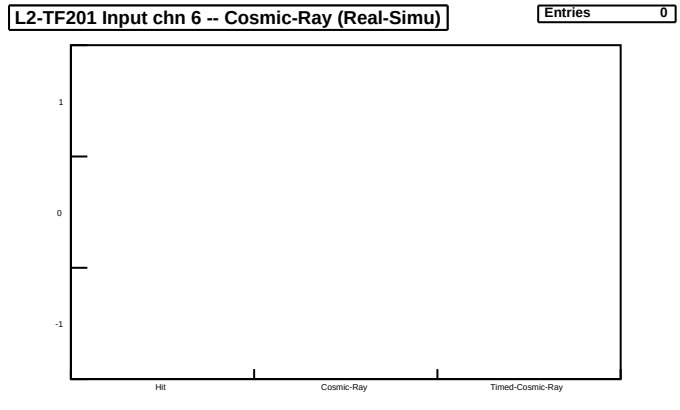

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2060031
4
686673
686677
686677
Hit
Cosmic-Ray
Timed-Cosmic-Ray

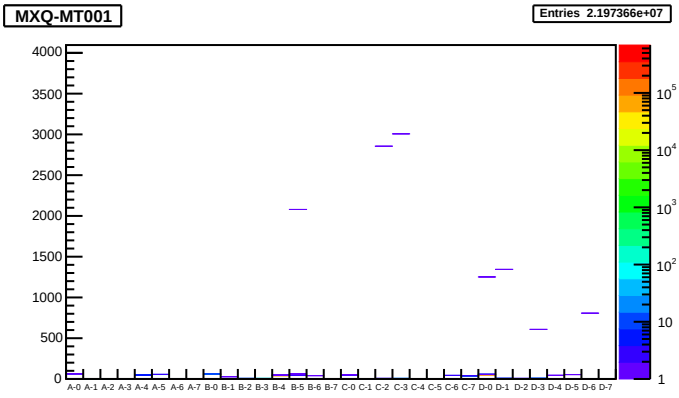

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

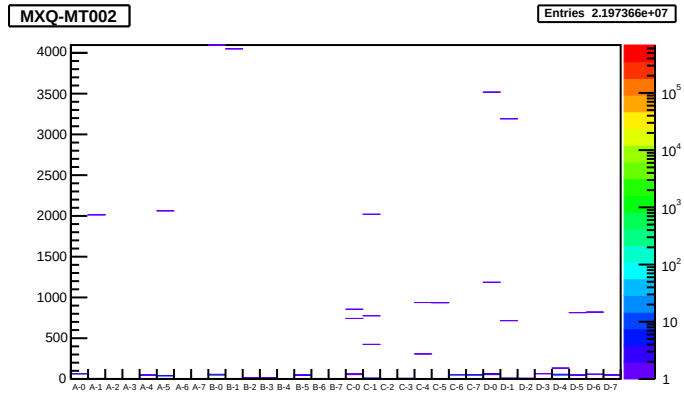

L2-TF201 Input chn 6 -- Number of Muons
Entries 686677
Number of Muons

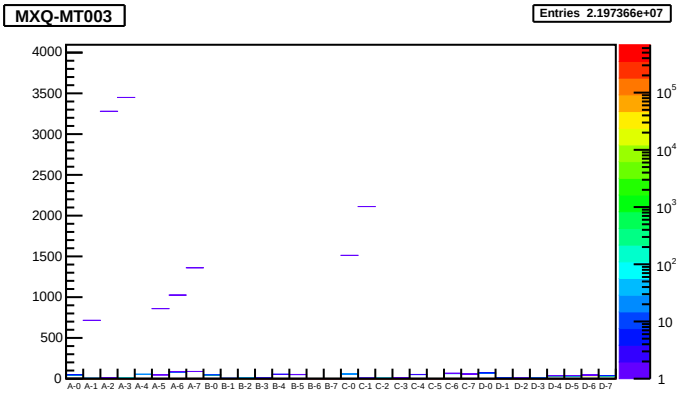

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

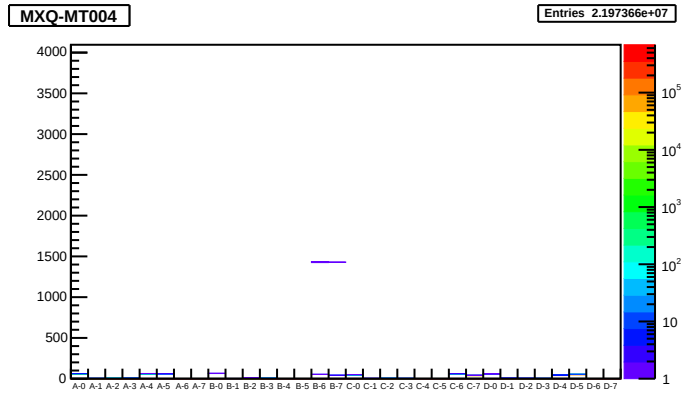

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 2060031
686677
686677
686677
Hit
Cosmic-Ray
Timed-Cosmic-Ray

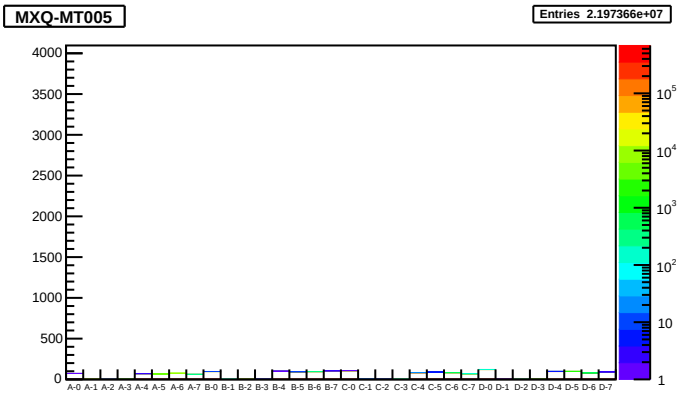

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

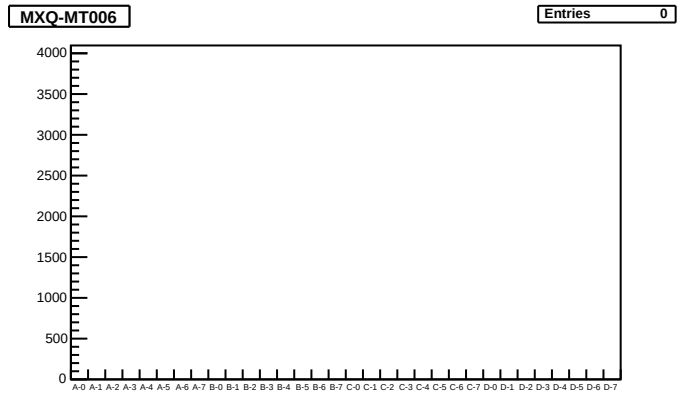

MXQ-MT001
Entries 2.197366e+07

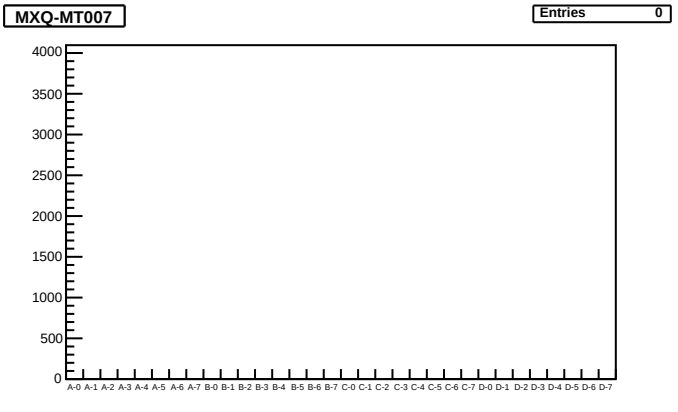

MXQ-MT002
Entries 2.197366e+07

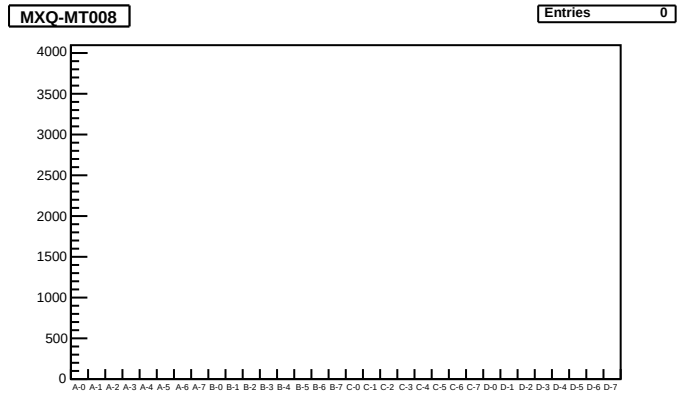

MXQ-MT003
Entries 2.197366e+07

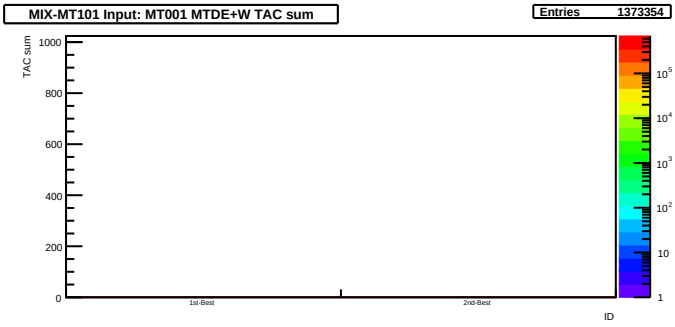

MXQ-MT004
Entries 2.197366e+07

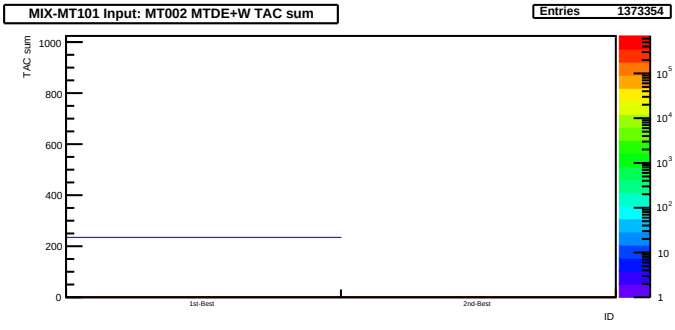

MXQ-MT005
Entries 2.197366e+07

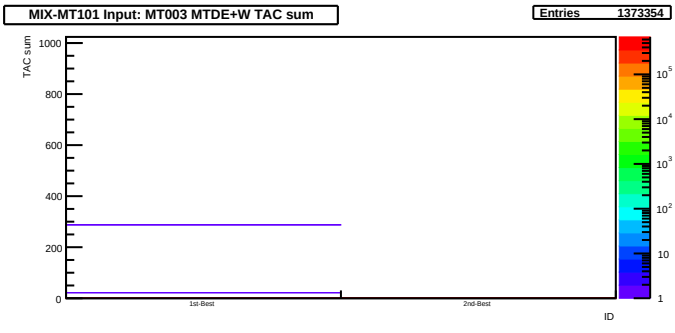

MXQ-MT006
Entries 0

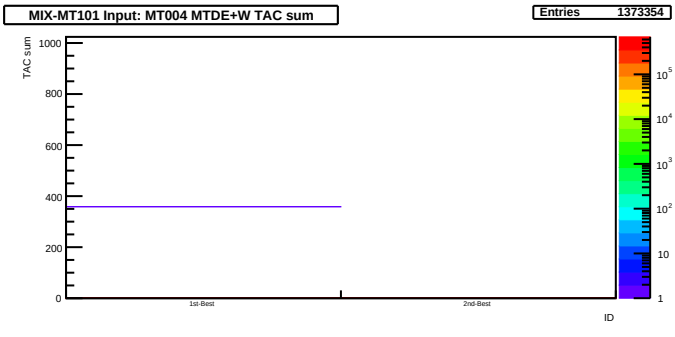

MXQ-MT007
Entries 0

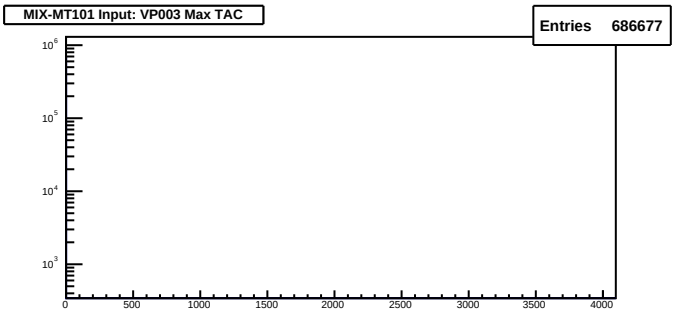

MXQ-MT008
Entries 0

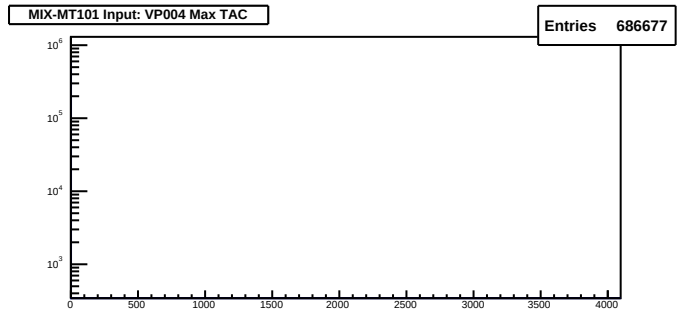

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1373354
TAC sum
1st-Best
2nd-Best
ID

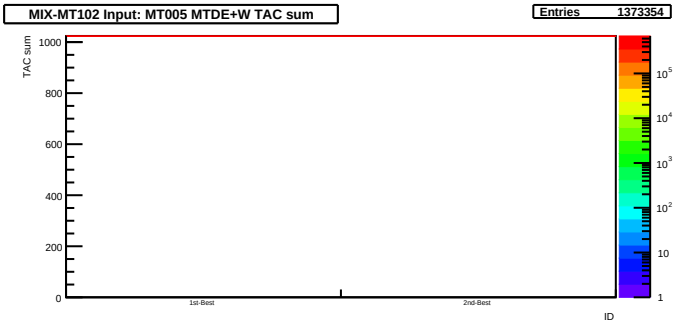

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1373354
TAC sum
1st-Best
2nd-Best
ID

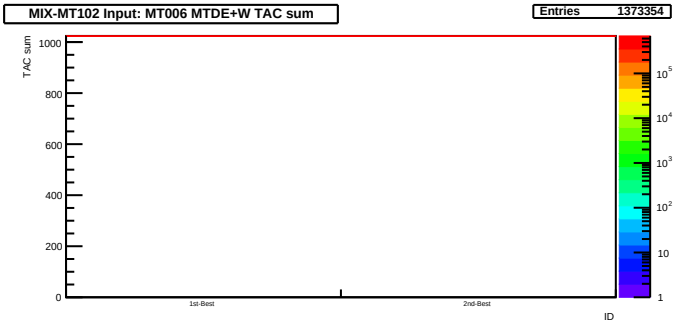

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1373354
TAC sum
1st-Best
2nd-Best
ID

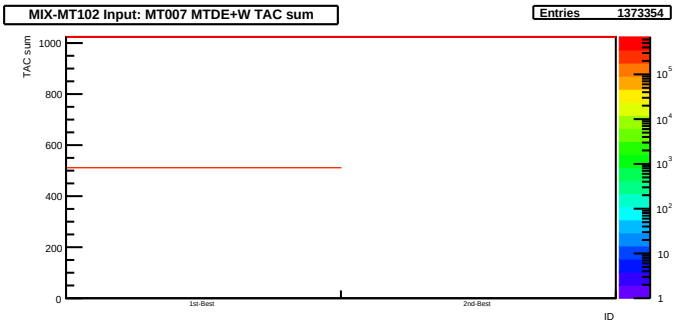

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1373354
TAC sum
1st-Best
2nd-Best
ID

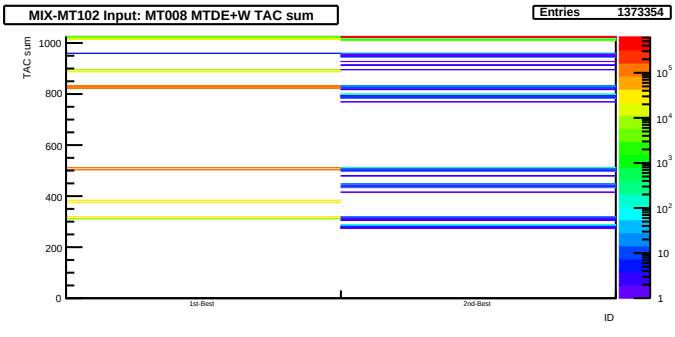

MIX-MT101 Input: VP003 Max TAC
Entries 686677

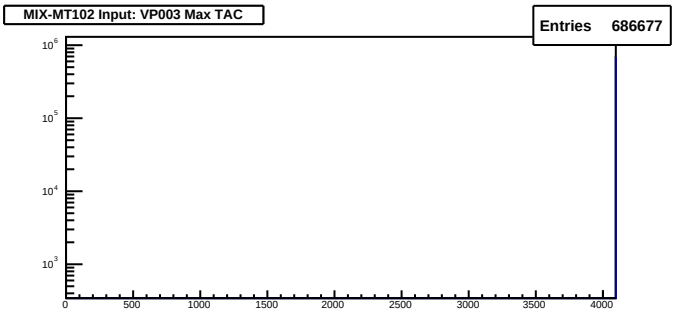

MIX-MT101 Input: VP004 Max TAC
Entries 686677

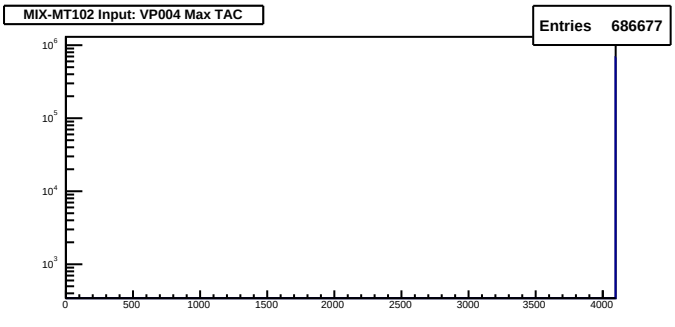

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1373354
TAC sum
1st-Best
2nd-Best
ID

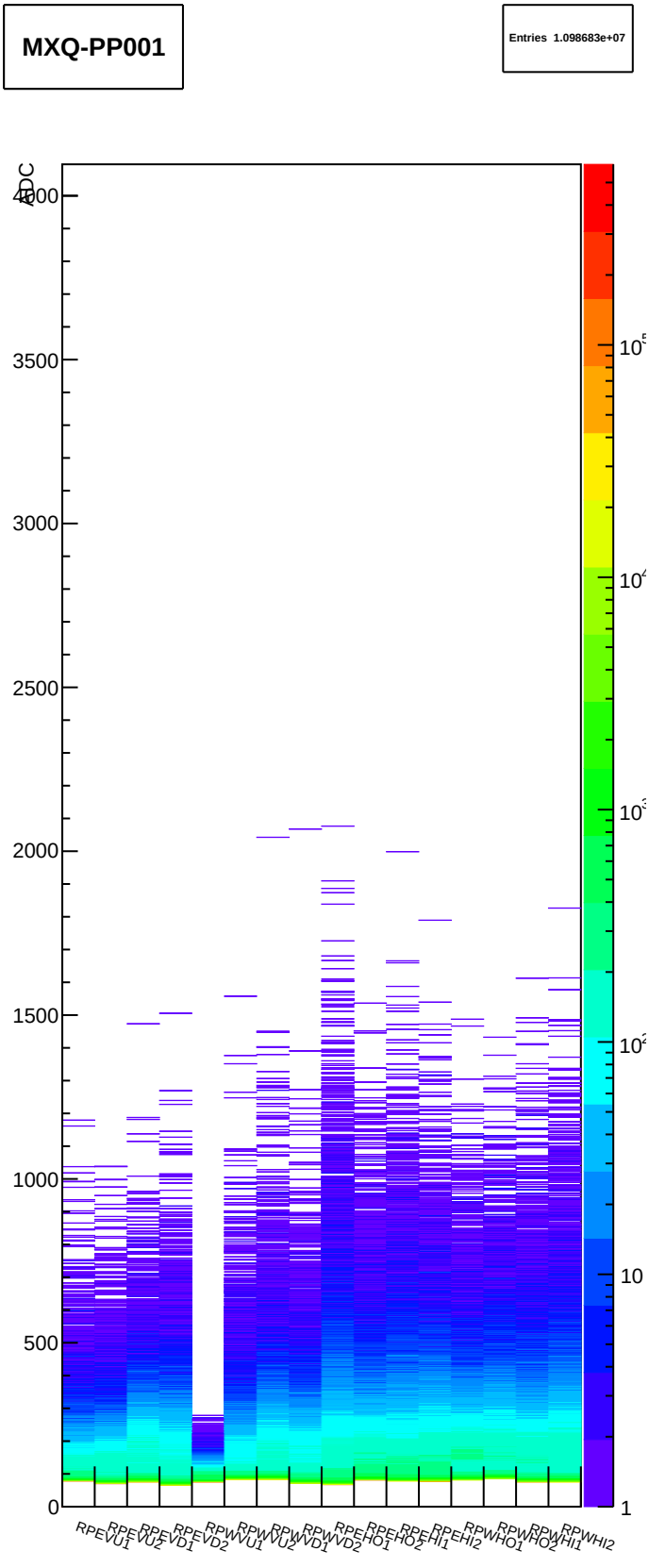

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1373354
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1373354
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1373354
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 686677


MIX-MT102 Input: VP004 Max TAC
Entries 686677


MXQ-PP001
Entries 1.098683e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
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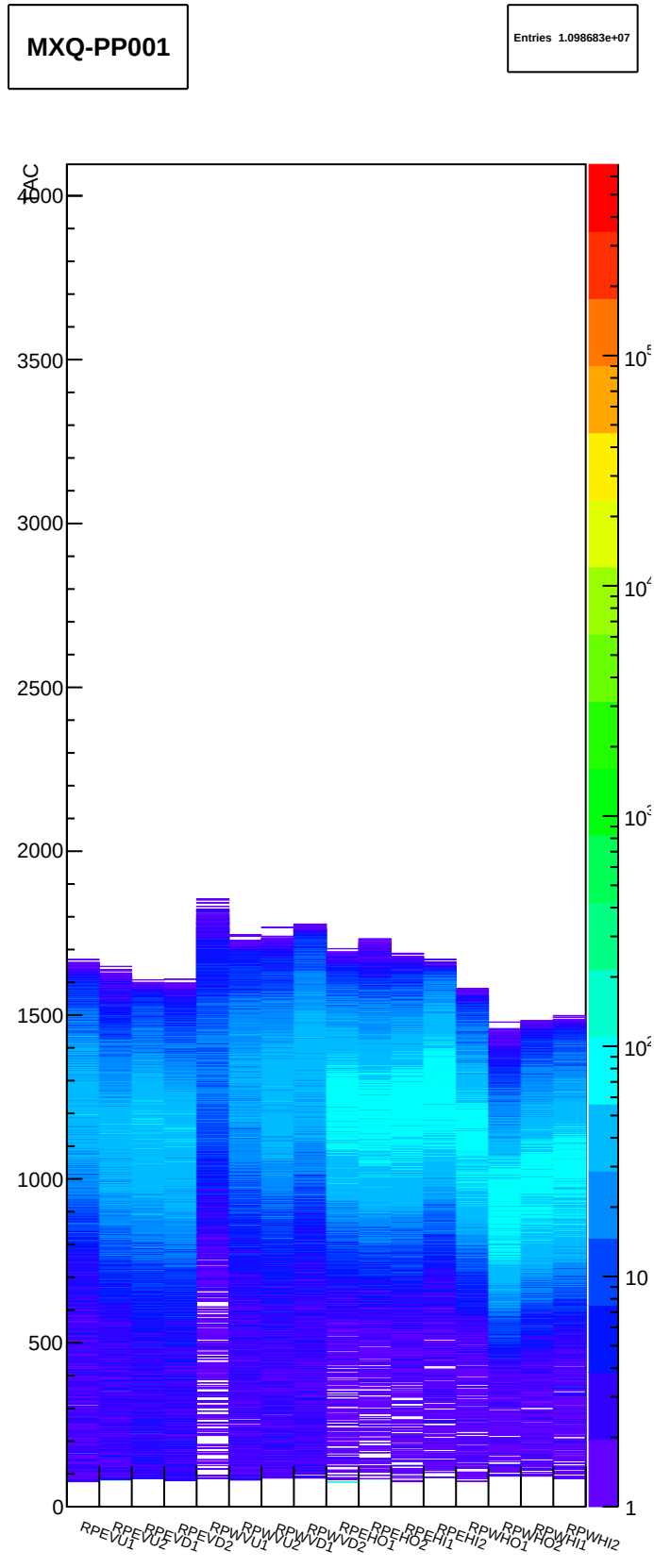
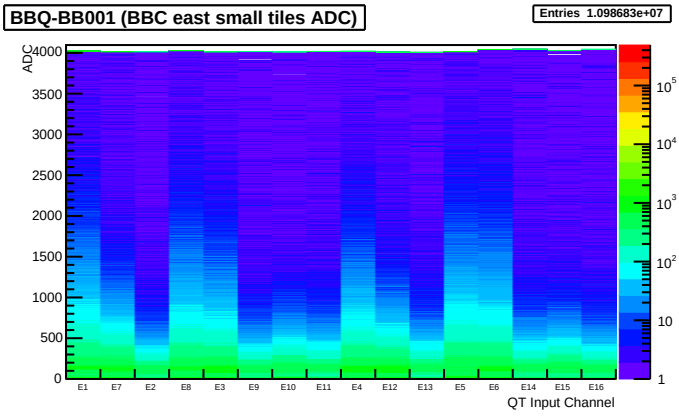
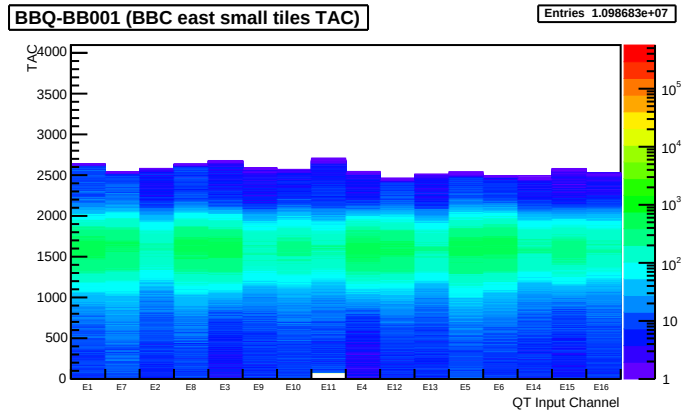
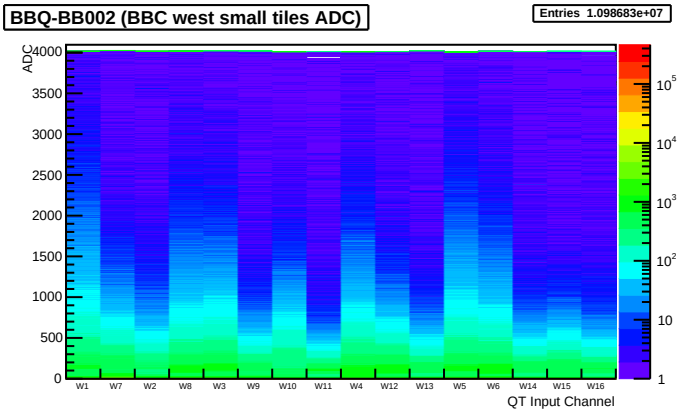
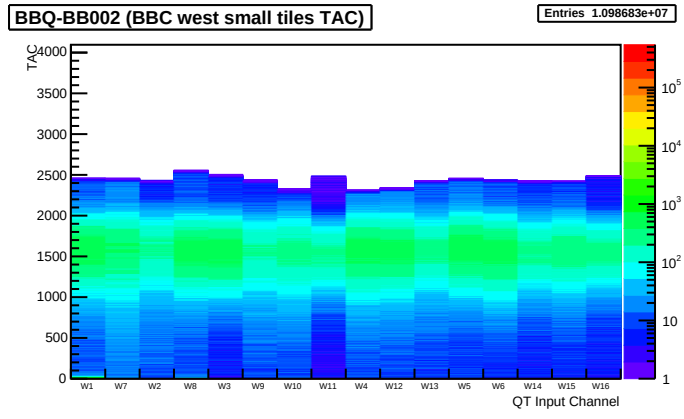
RPWHO2
RPWHI1
RPWHI2
10
1

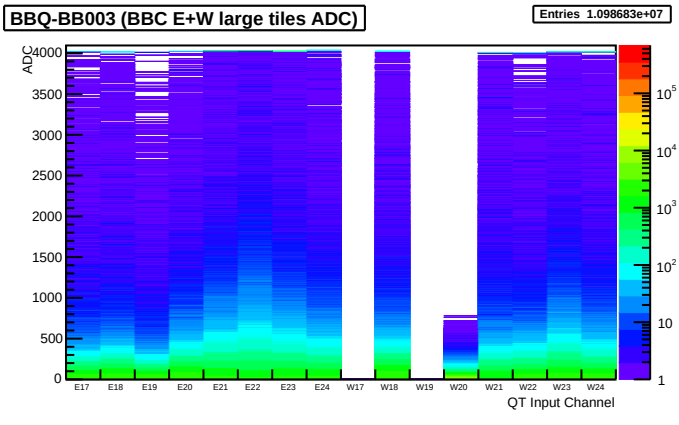

MXQ-PP001
Entries 1.098683e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

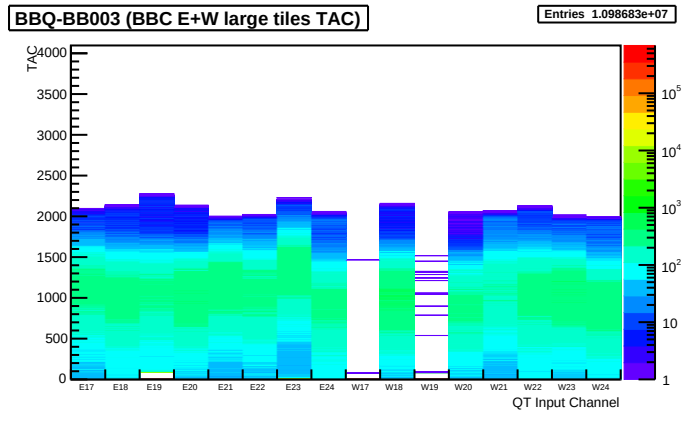

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.098683e+07
ADC
QT Input Channel

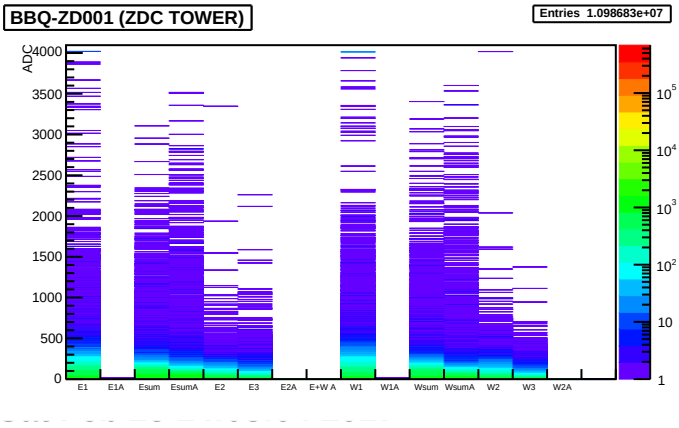

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.098683e+07
TAC
QT Input Channel

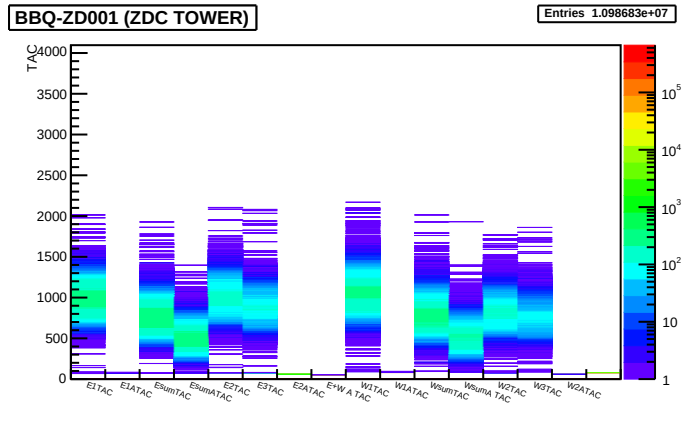

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.098683e+07
ADC
QT Input Channel

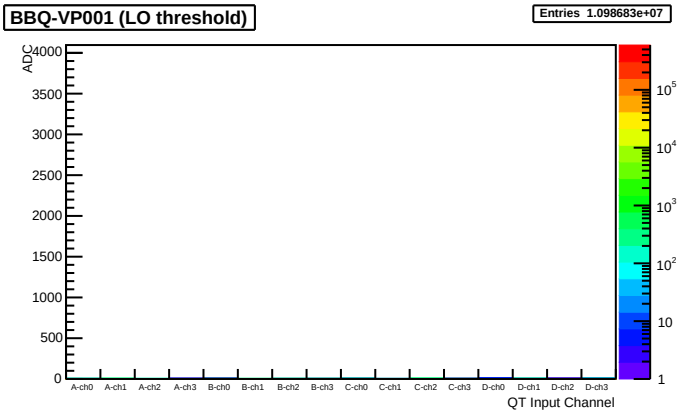

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.098683e+07
TAC
QT Input Channel

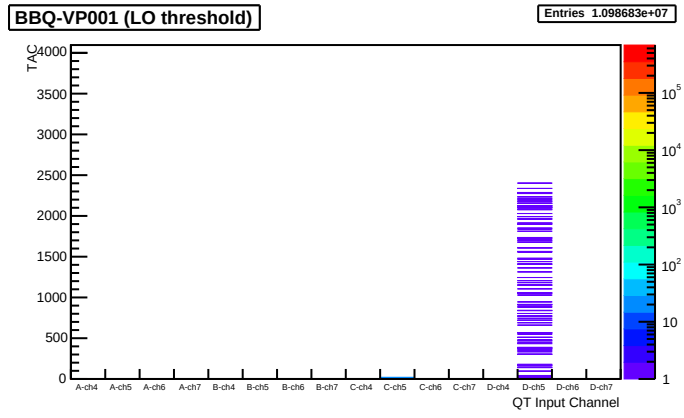

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.098683e+07
ADC
QT Input Channel

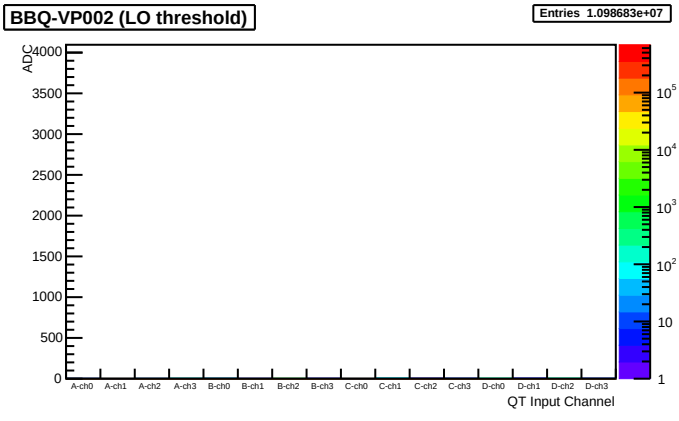

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.098683e+07
TAC
QT Input Channel

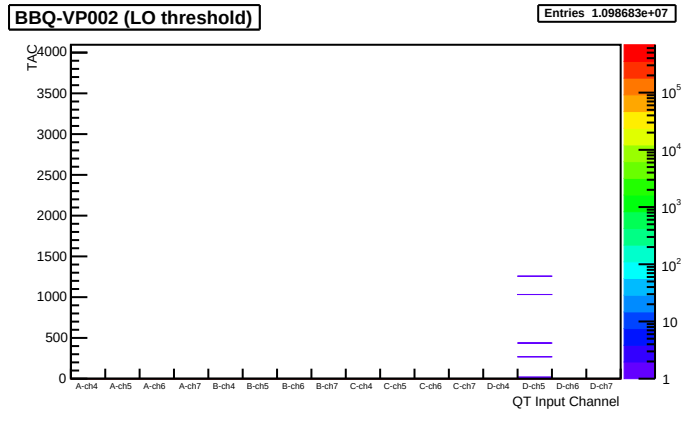

BBQ-ZD001 (ZDC TOWER)
Entries 1.098683e+07
ADC

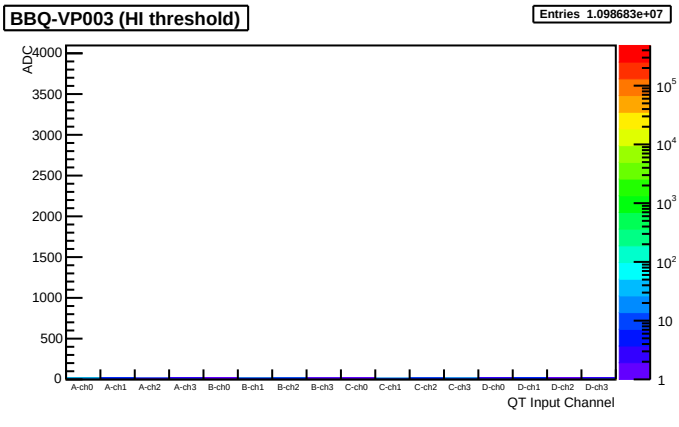

BBQ-ZD001 (ZDC TOWER)
Entries 1.098683e+07
TAC

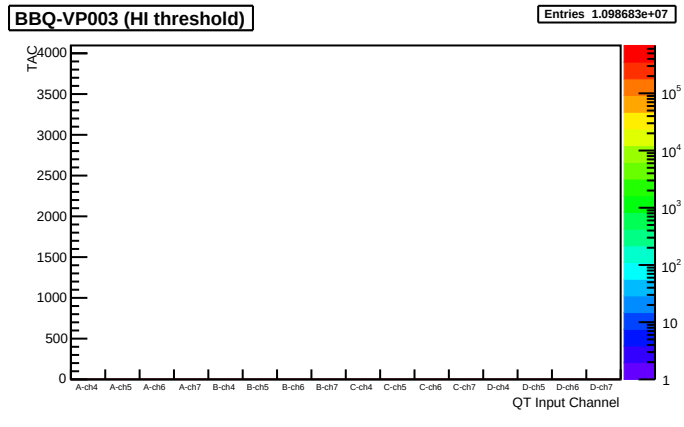

BBQ-VP001 (LO threshold)
Entries 1.098683e+07
ADC
QT Input Channel

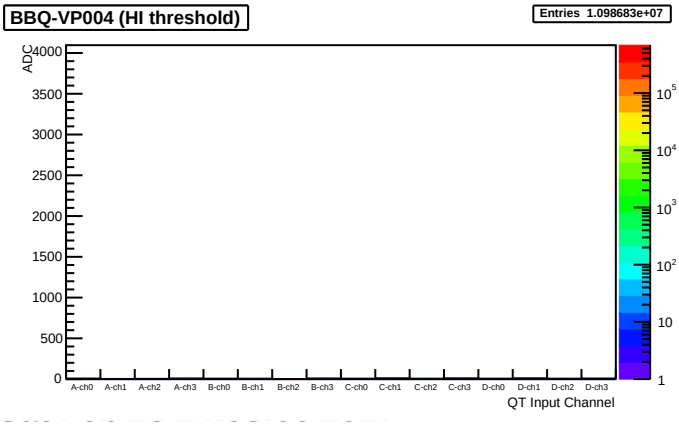

BBQ-VP001 (LO threshold)
Entries 1.098683e+07
TAC
QT Input Channel

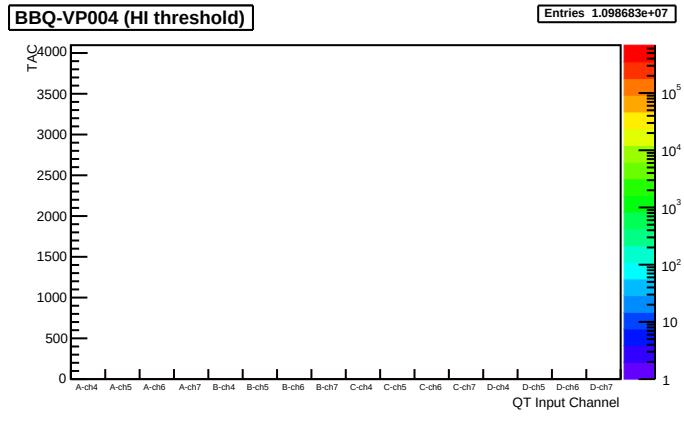

BBQ-VP002 (LO threshold)
Entries 1.098683e+07
ADC
QT Input Channel

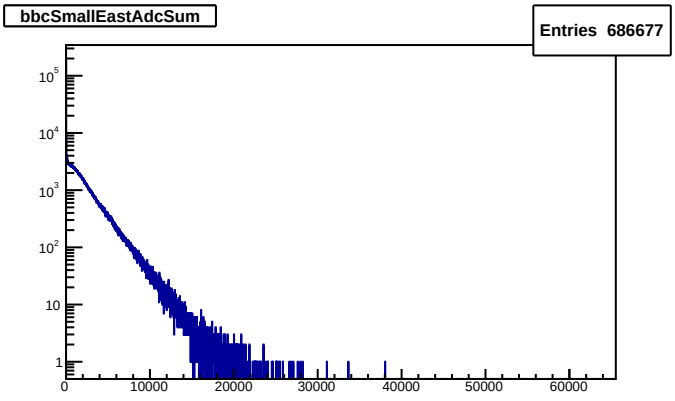

BBQ-VP002 (LO threshold)
Entries 1.098683e+07
TAC
QT Input Channel

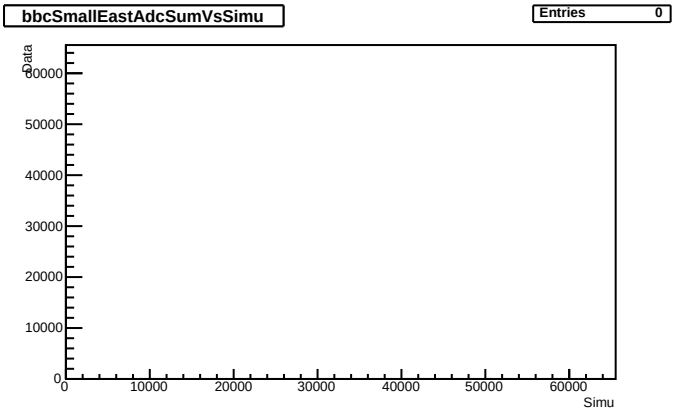

BBQ-VP003 (HI threshold)
Entries 1.098683e+07
ADC
QT Input Channel

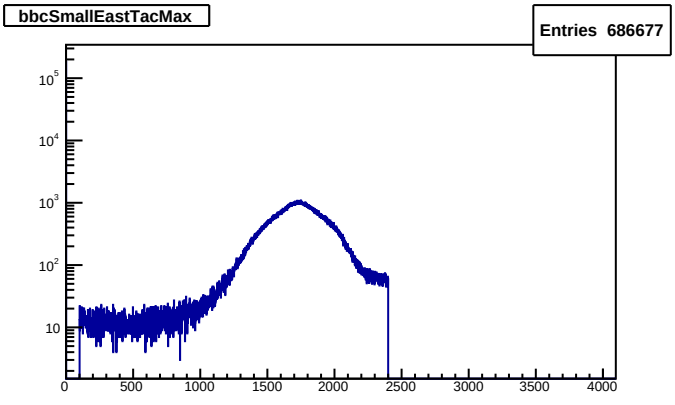

BBQ-VP003 (HI threshold)
Entries 1.098683e+07
TAC
QT Input Channel

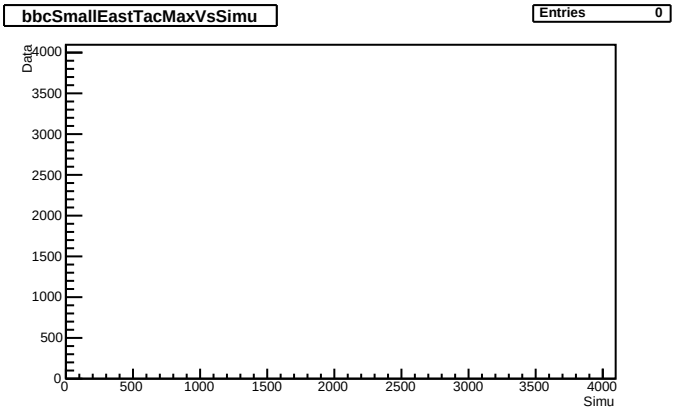

BBQ-VP004 (HI threshold)
Entries 1.098683e+07
ADC
QT Input Channel

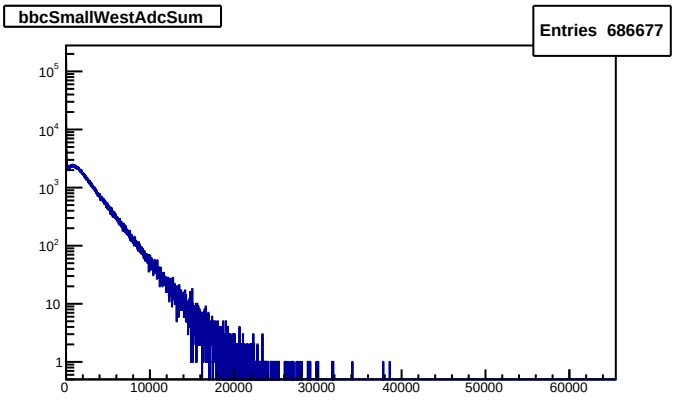

BBQ-VP004 (HI threshold)
Entries 1.098683e+07
TAC
QT Input Channel

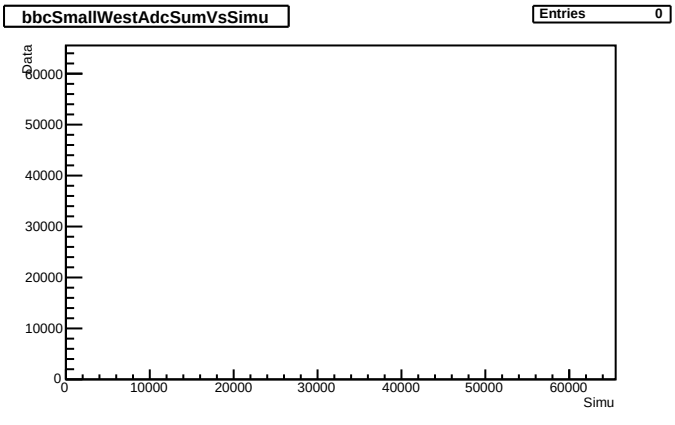

bbcSmallEastAdcSum
Entries 686677

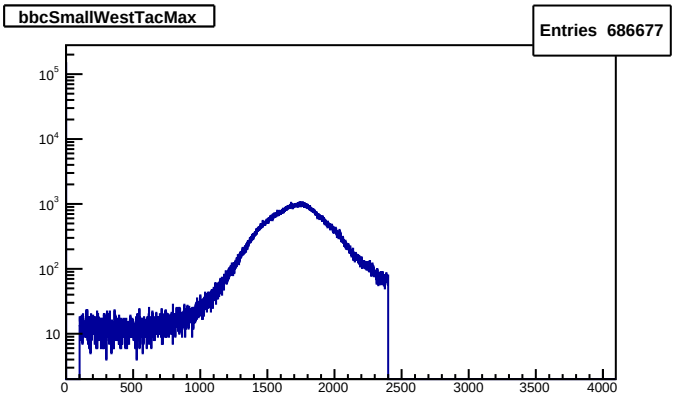

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

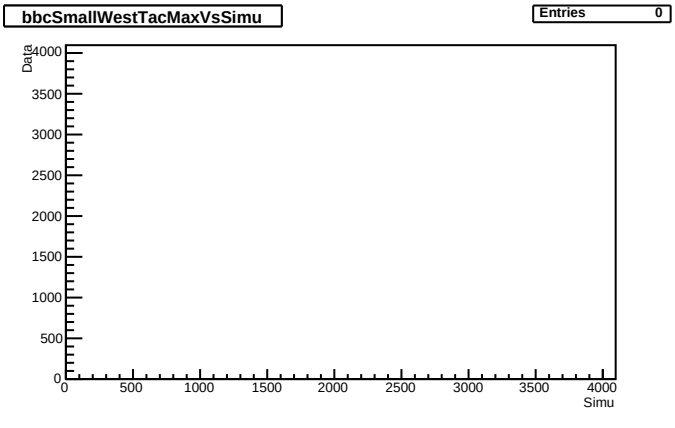

bbcSmallEastTacMax
Entries 686677

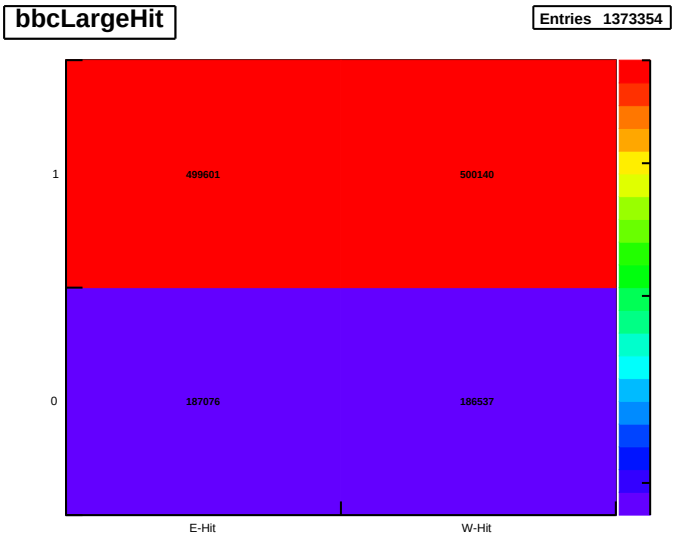

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

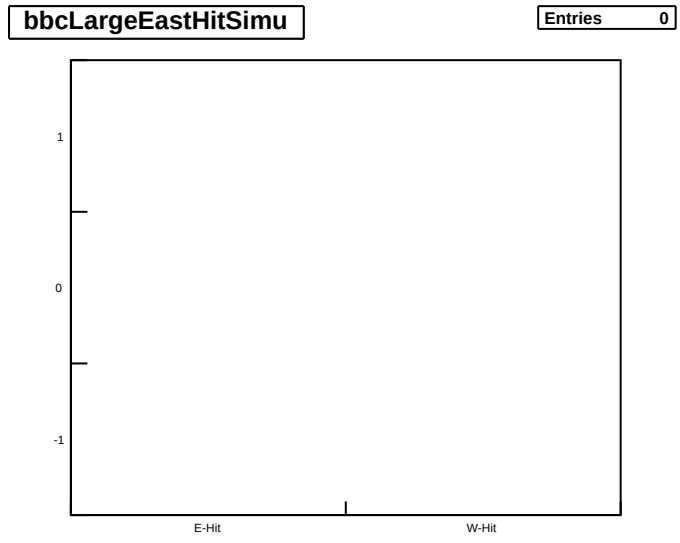

bbcSmallWestAdcSum
Entries 686677

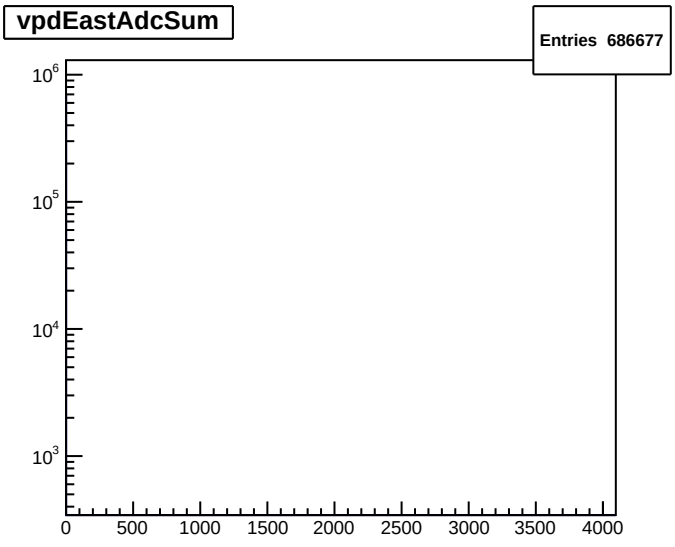

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

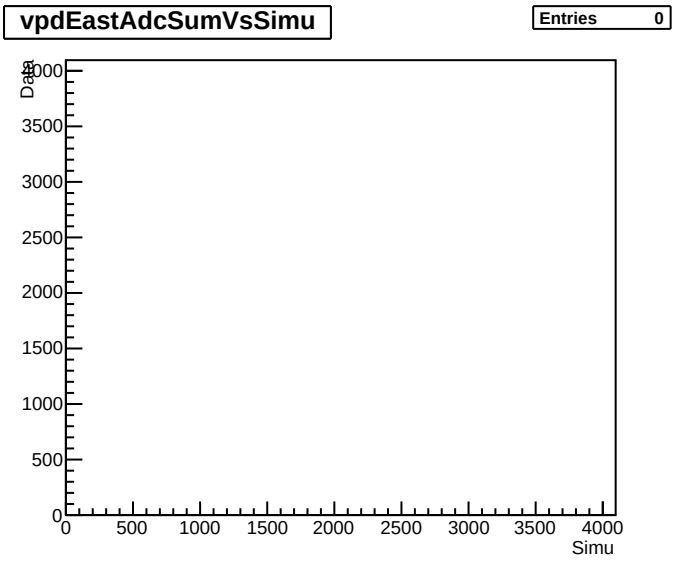

bbcSmallWestTacMax
Entries 686677

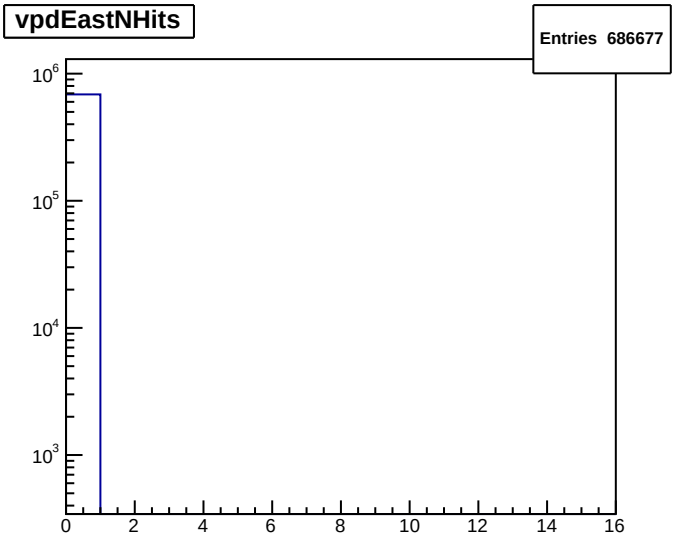

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

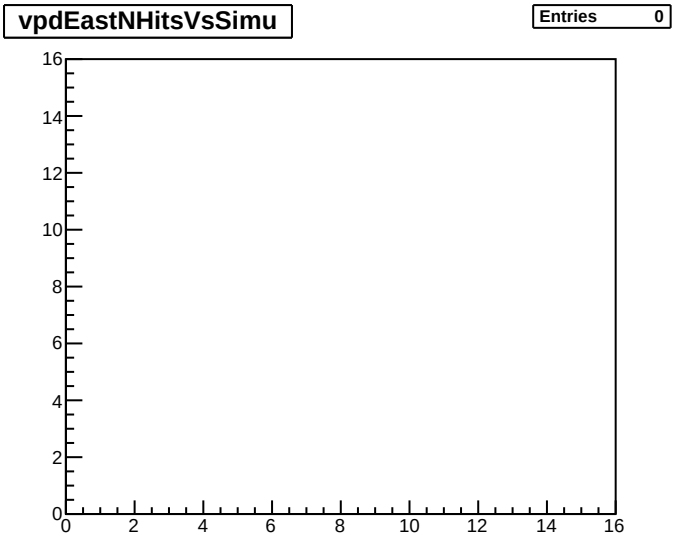

bbcLargeHit
Entries 1373354
1
0
499601
500140
187076
186537
E-Hit
W-Hit

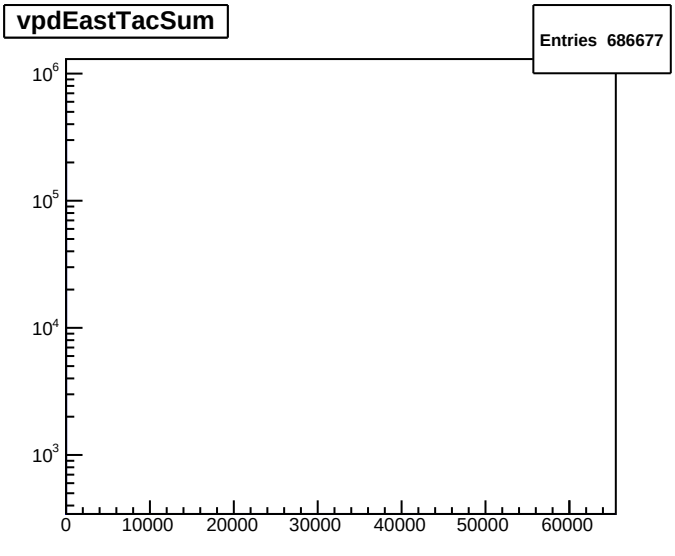

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

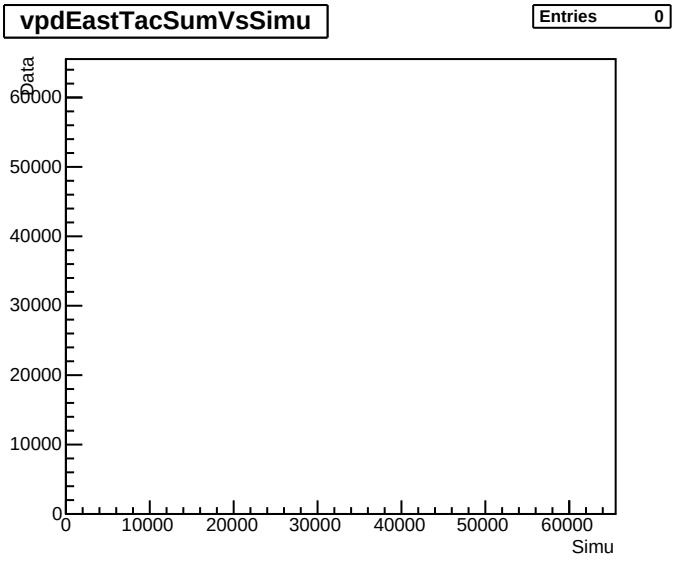

vpdEastAdcSum
Entries 686677

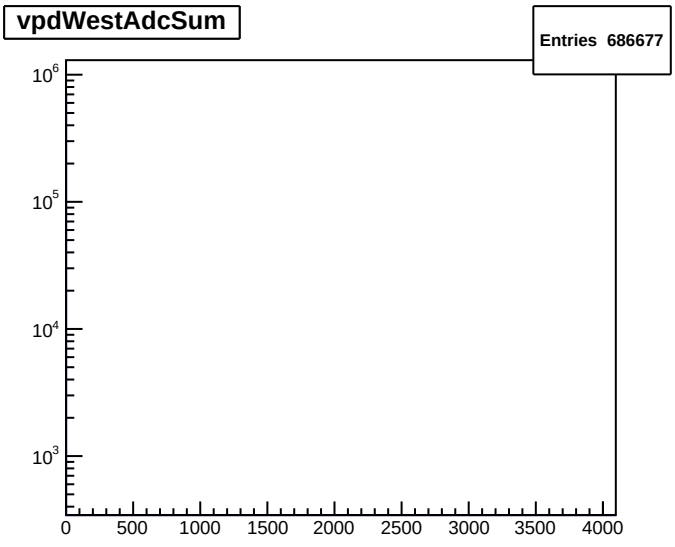

vpdEastAdcSumVsSimu
Entries 0
Data
Simu

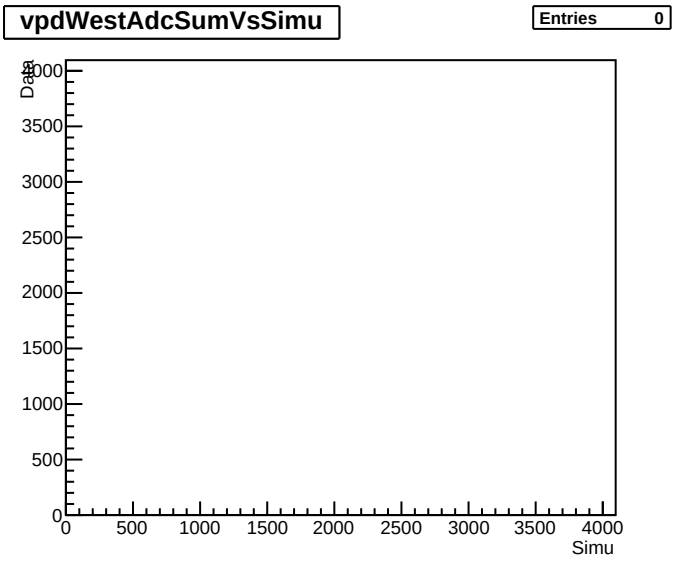

vpdEastNHits
Entries 686677

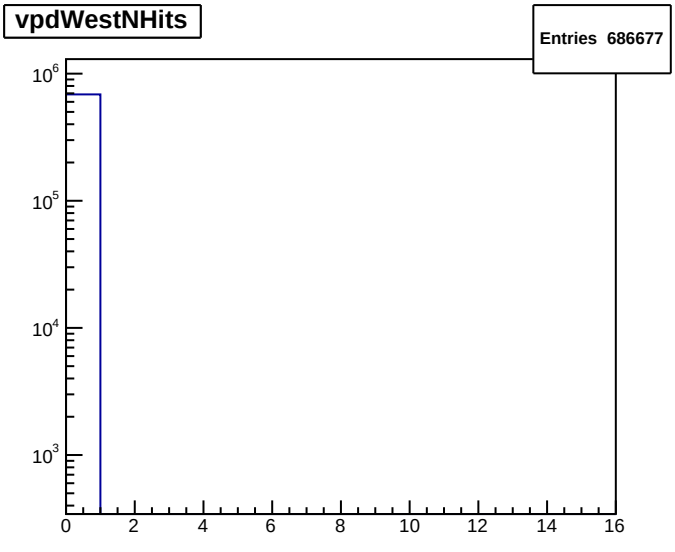

vpdEastNHitsVsSimu
Entries 0

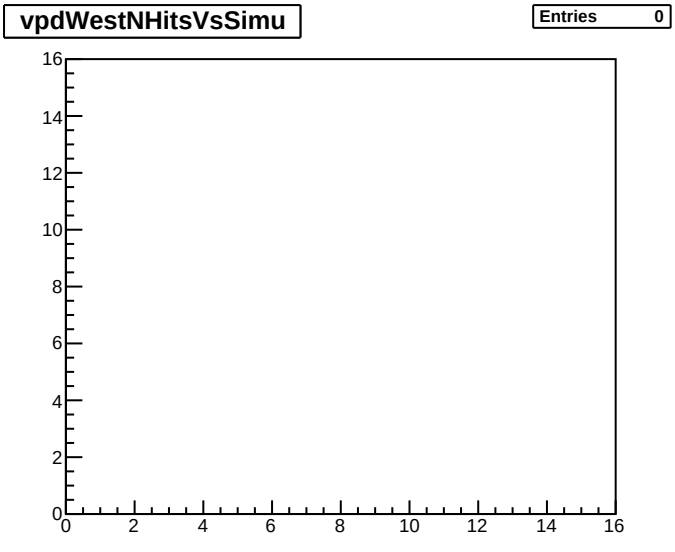

vpdEastTacSum
Entries 686677

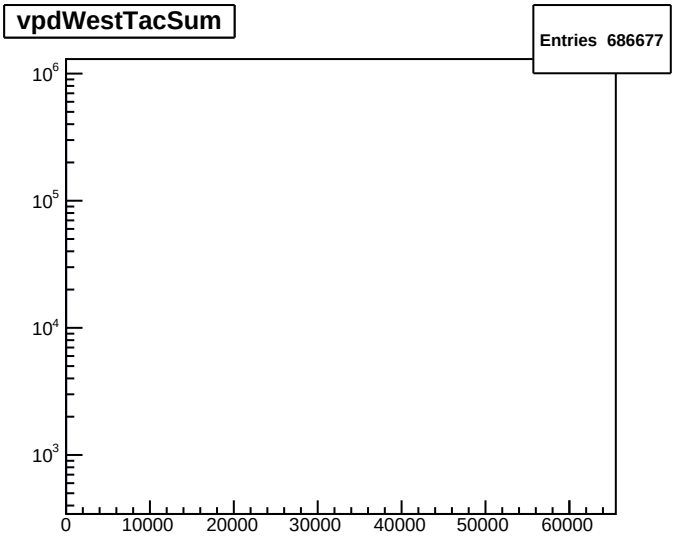

vpdEastTacSumVsSimu
Entries 0
Data
Simu

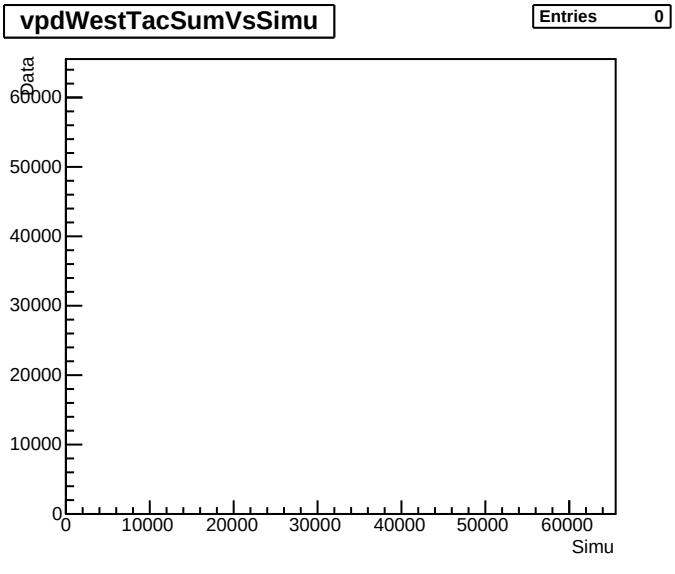

vpdWestAdcSum
Entries 686677
10^6
10^5
10^4
10^3
0 500 1000 1500 2000 2500 3000 3500 4000

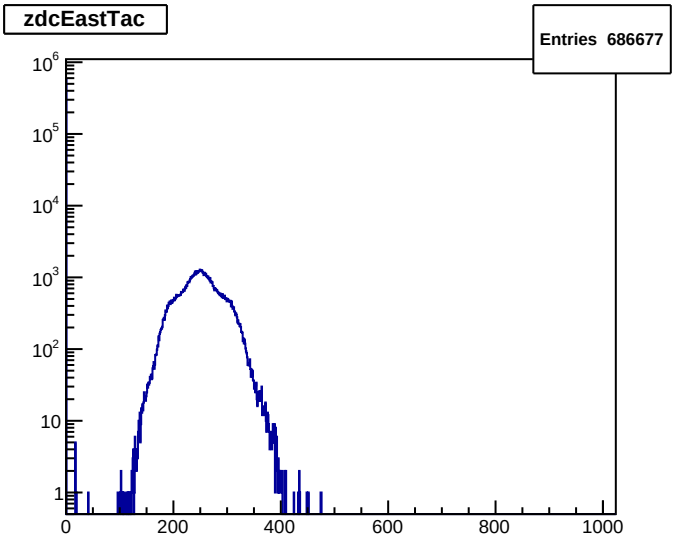

vpdWestAdcSumVsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

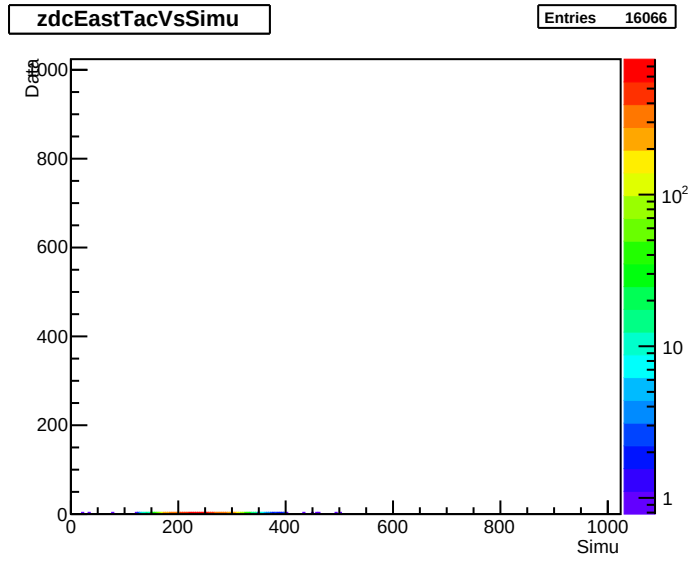

vpdWestNHits
Entries 686677
10^6
10^5
10^4
10^3
0 2 4 6 8 10 12 14 16

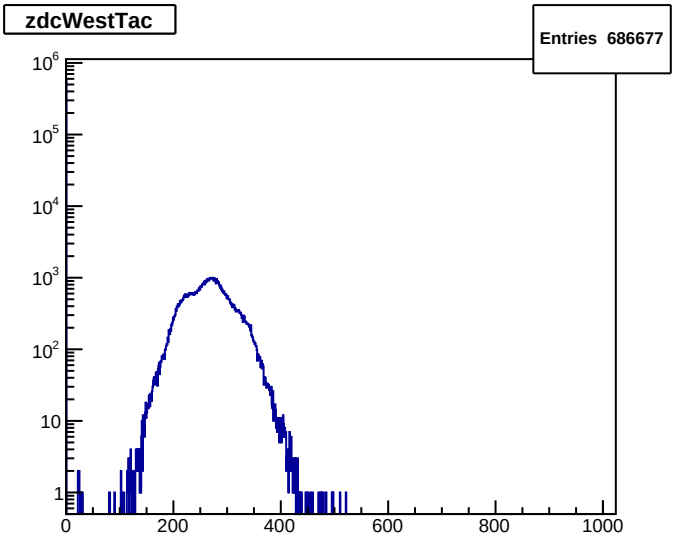

vpdWestNHitsVsSimu
Entries 0
16 14 12 10 8 6 4 2 0
0 2 4 6 8 10 12 14 16

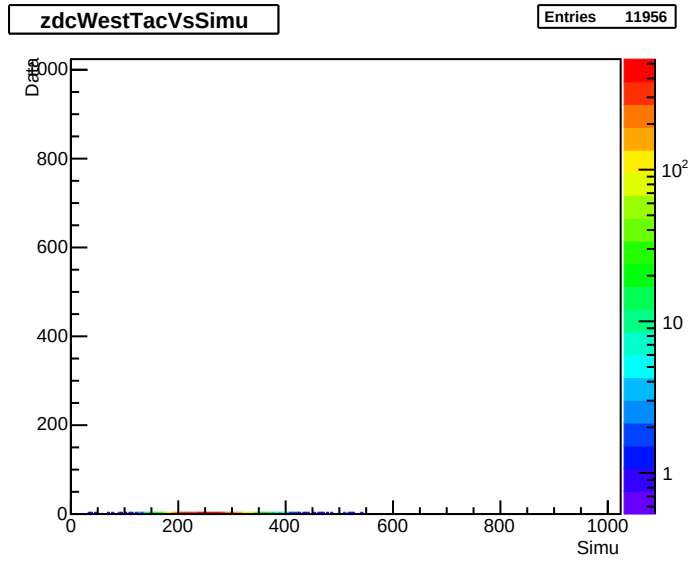

vpdWestTacSum
Entries 686677
10^6
10^5
10^4
10^3
0 10000 20000 30000 40000 50000 60000

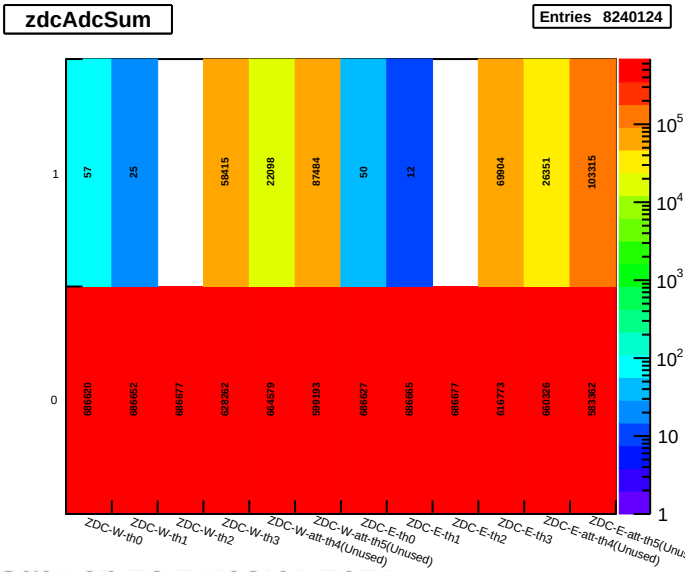

vpdWestTacSumVsSimu
Entries 0
Data
60000 50000 40000 30000 20000 10000 0
0 10000 20000 30000 40000 50000 60000
Simu

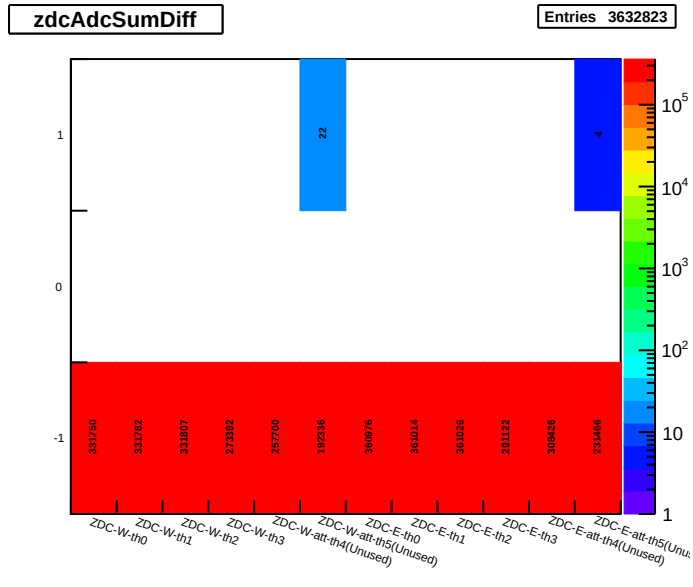

zdcEastTac
Entries 686677

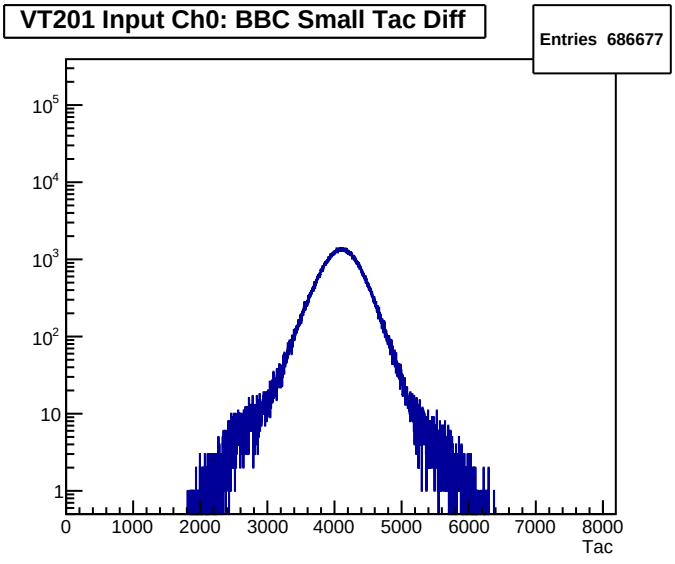

zdcEastTacVsSimu
Entries 16066
Data
Simu

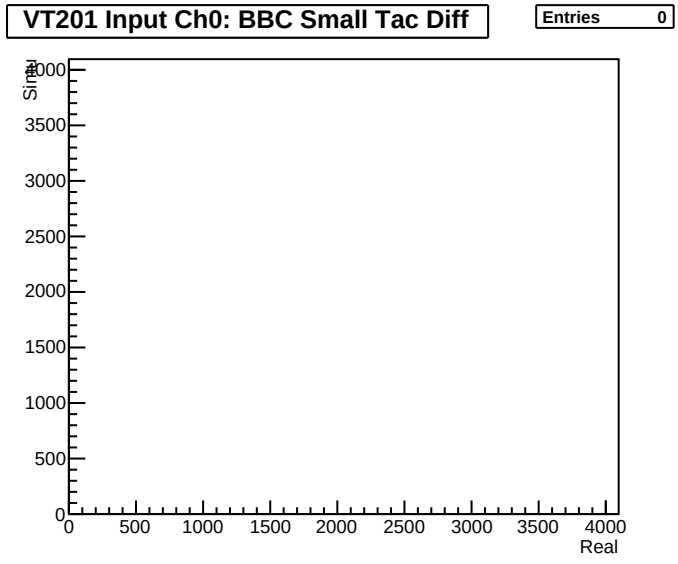

zdcWestTac
Entries 686677

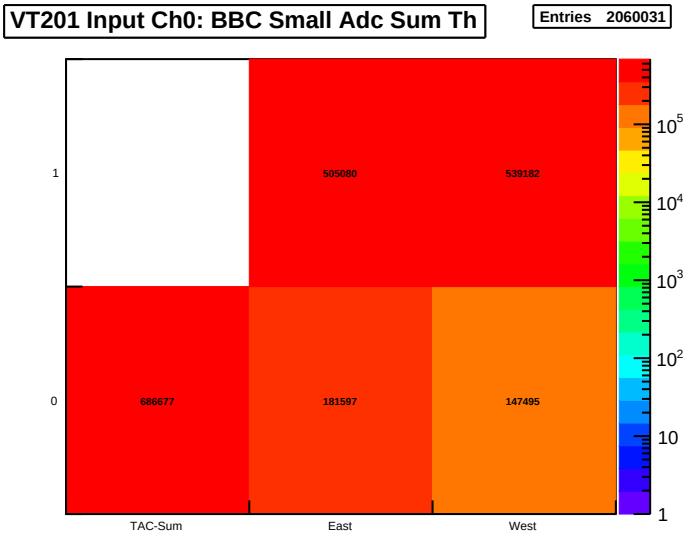

zdcWestTacVsSimu
Entries 11956
Data
Simu

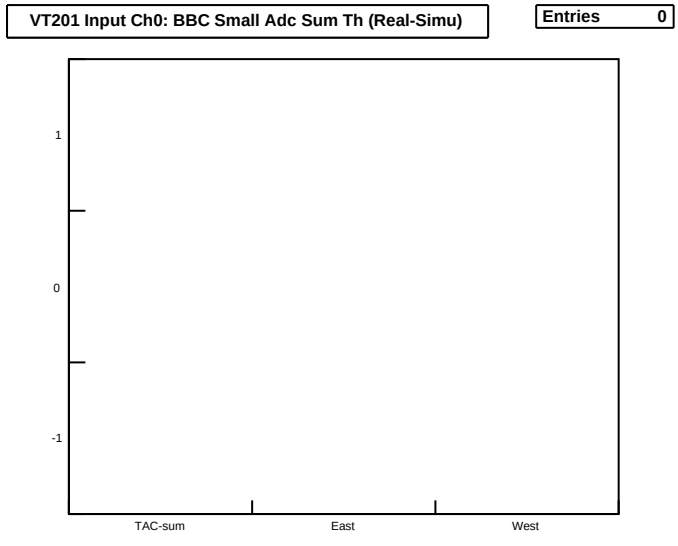

zdcAdcSum
Entries 8240124
57
25
58415
22098
87484
50
12
69904
26351
103315
686620
686652
686677
628262
664579
599193
686627
686665
686677
616773
660326
583362
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

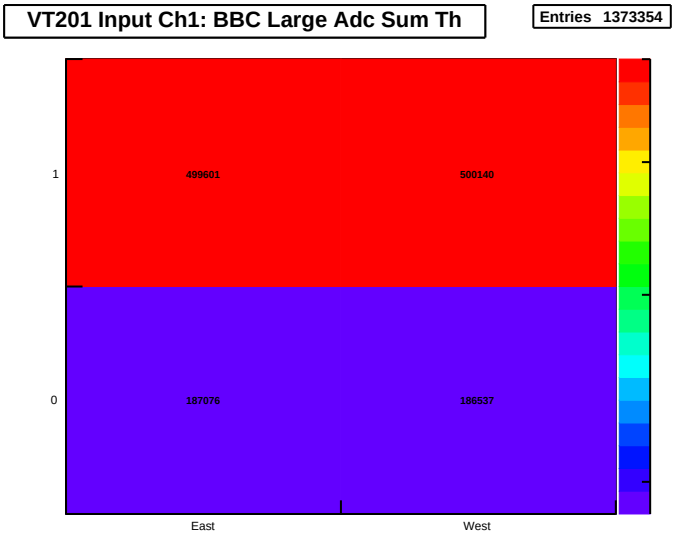

zdcAdcSumDiff
Entries 3632823
22
4
331750
331762
331807
273392
257700
192336
360976
361014
361026
291122
309426
231466
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

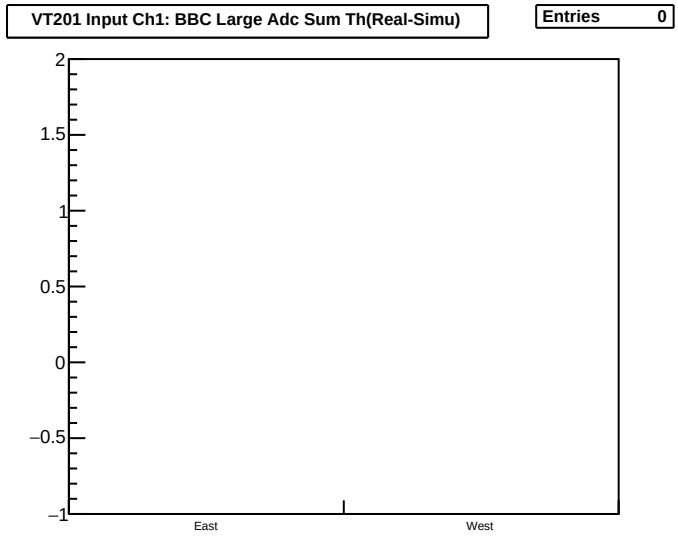

VT201 Input Ch0: BBC Small Tac Diff
Entries 686677
Tac


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

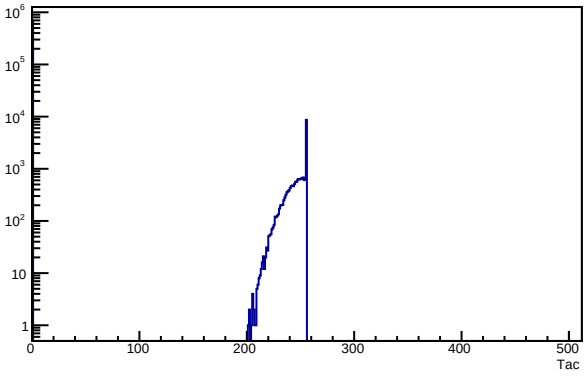

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2060031
505080
539182
686677
181597
147495
TAC-Sum
East
West


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

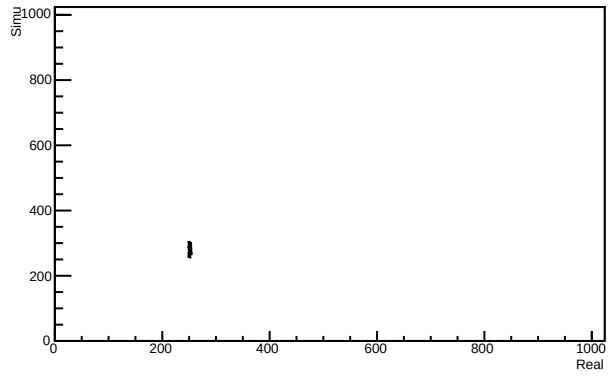

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1373354
499601
500140
187076
186537
East
West


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

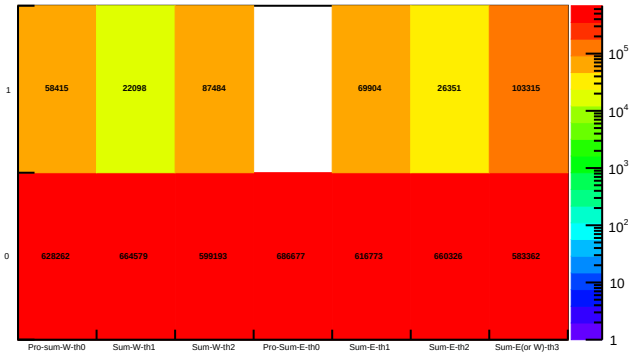
VT201 Input Ch2: ZDC Tac Diff



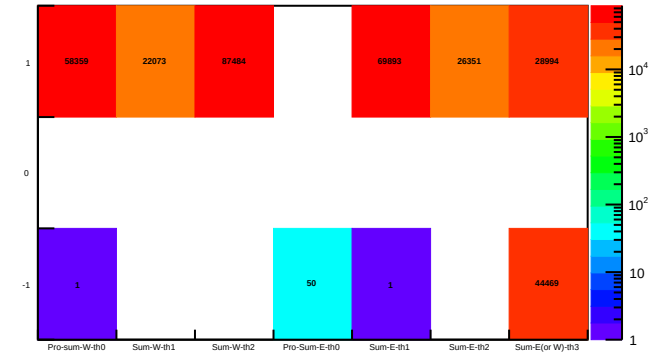
VT201 Input Ch2: ZDC Tac Diff



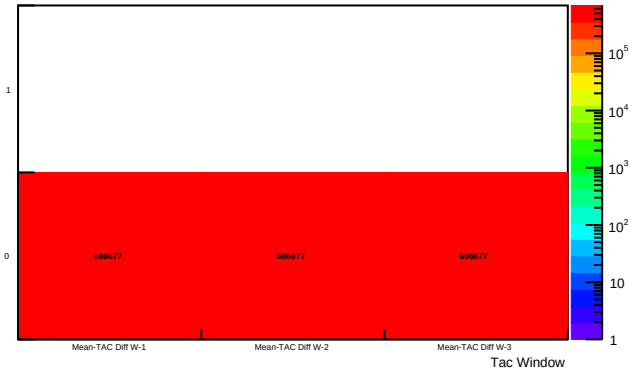
VT201 Input Ch2: ZDC Adc Sum Th



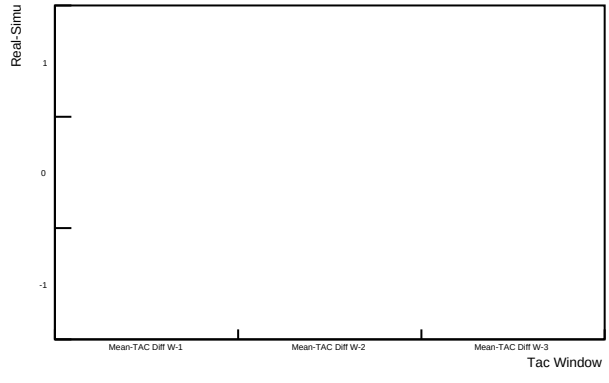
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



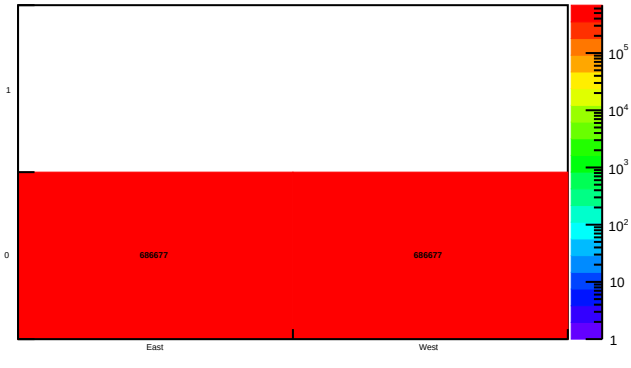
VT201 Input Ch4: VPD Tac Diff



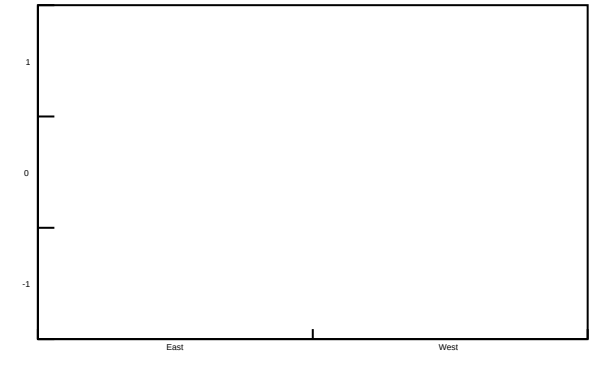
VT201 Input Ch4: VPD Tac Diff

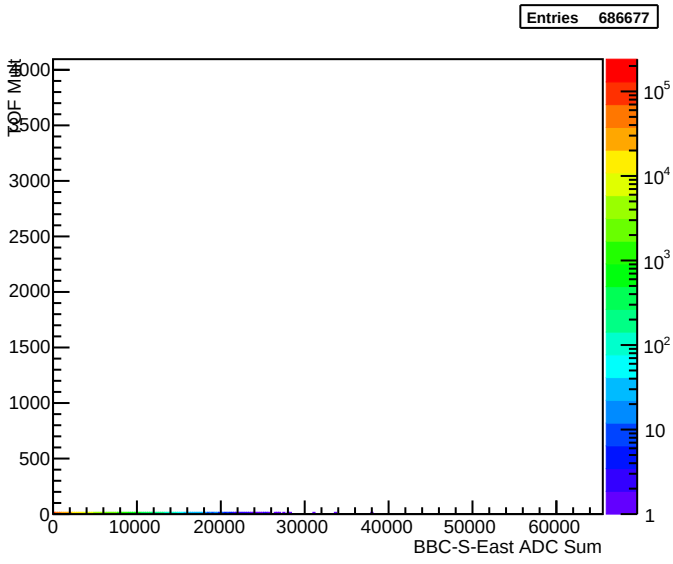


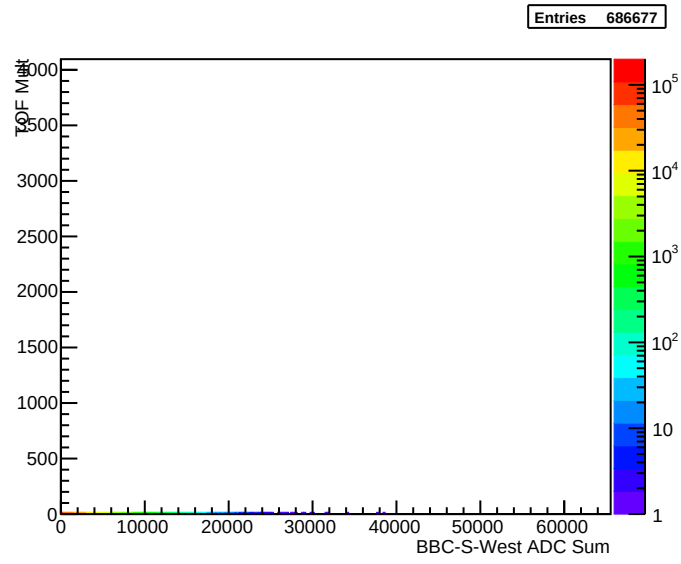
VT201 Input Ch4: VPD Adc Sum Th

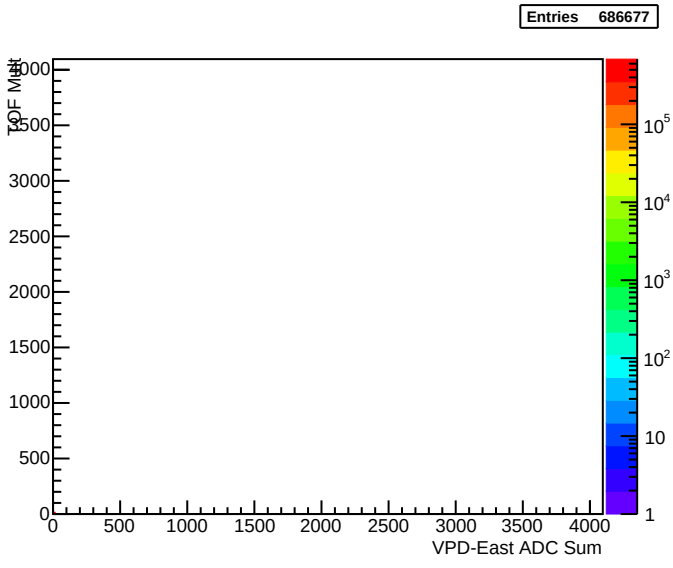


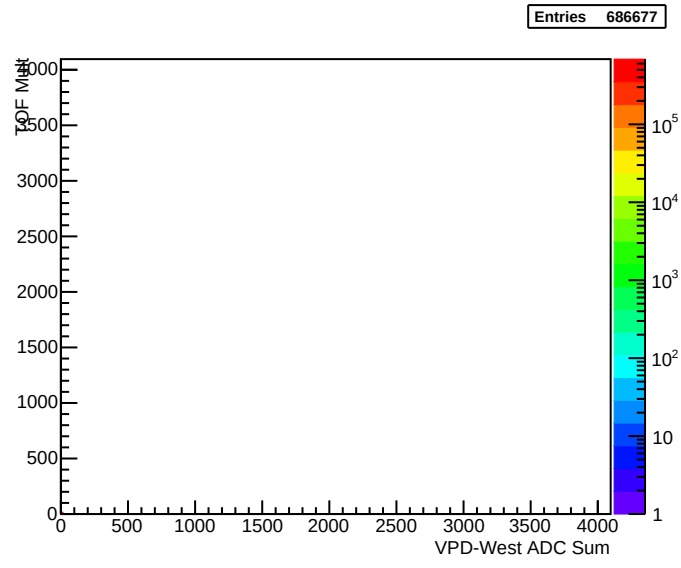
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

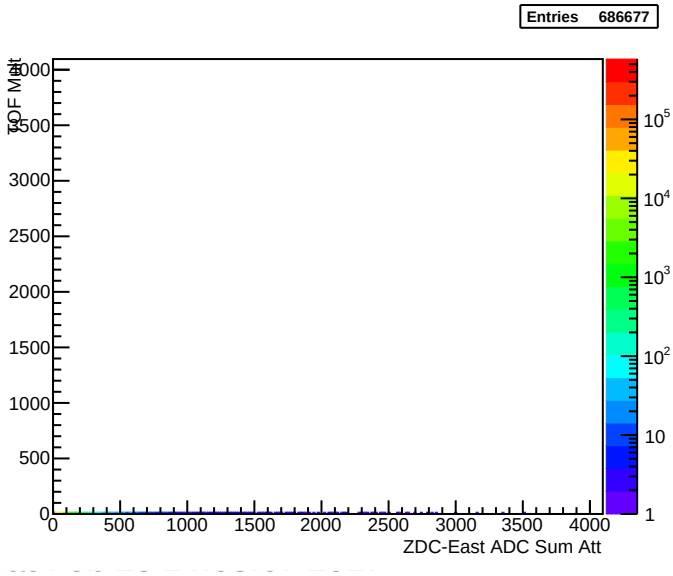


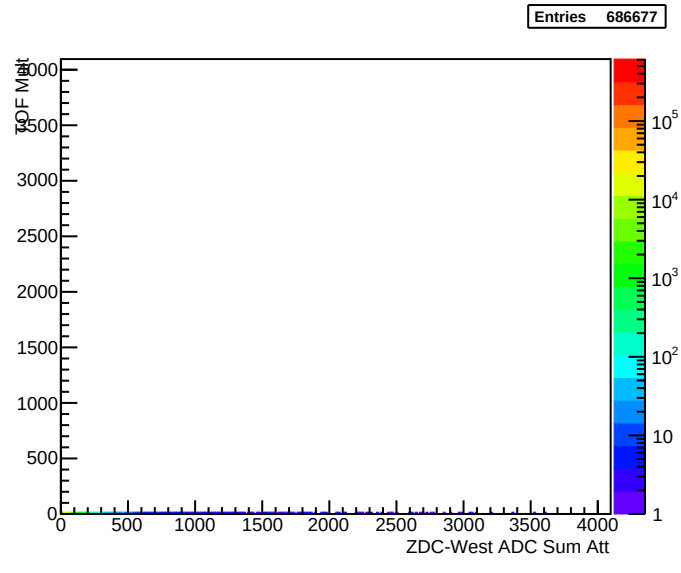

Entries 686677
TOF Mult
BBC-S-East ADC Sum

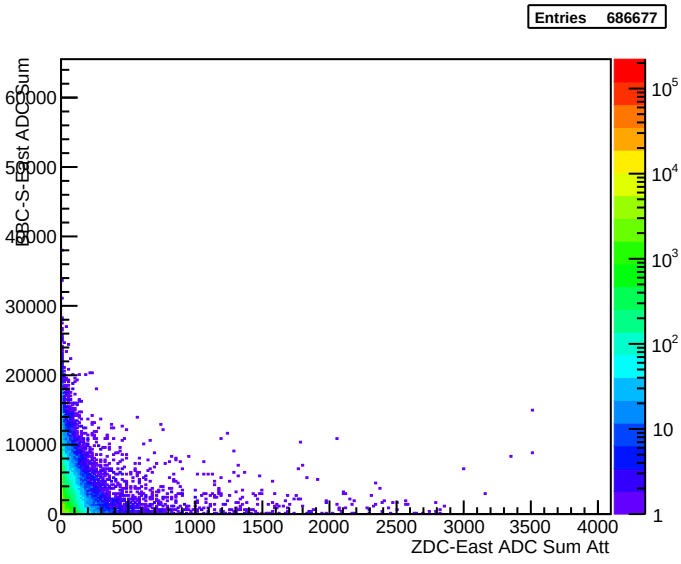

Entries 686677
TOF Mult
BBC-S-West ADC Sum

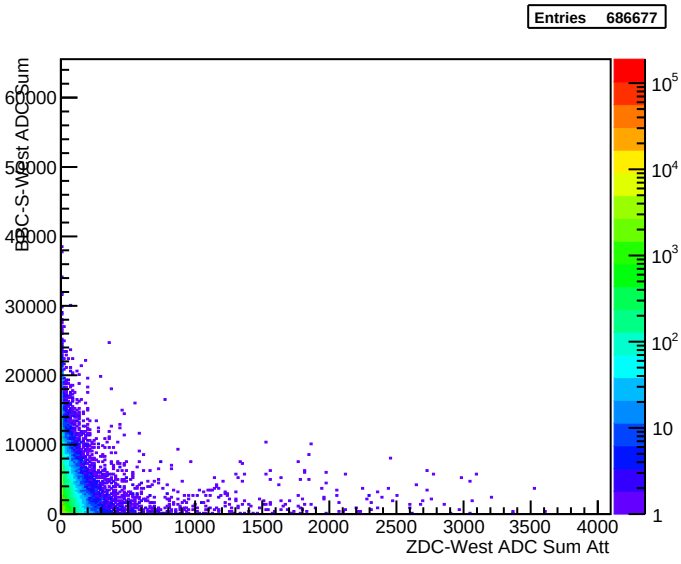

Entries 686677
TOF Mult
VPD-East ADC Sum

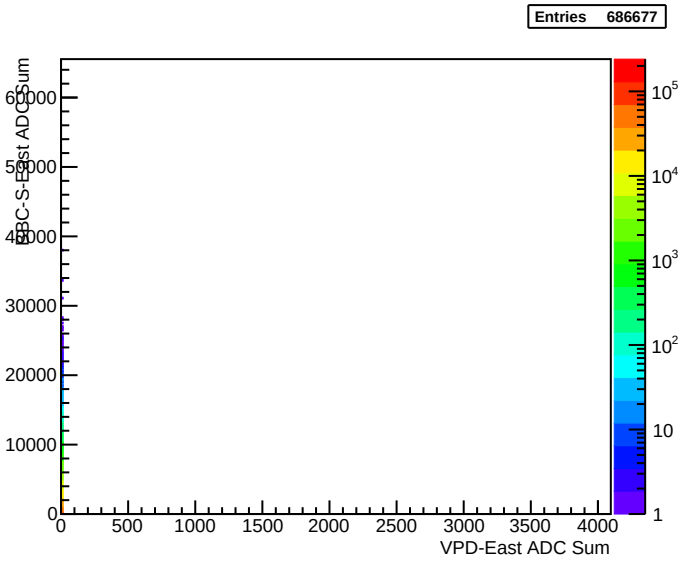

Entries 686677
TOF Mult
VPD-West ADC Sum

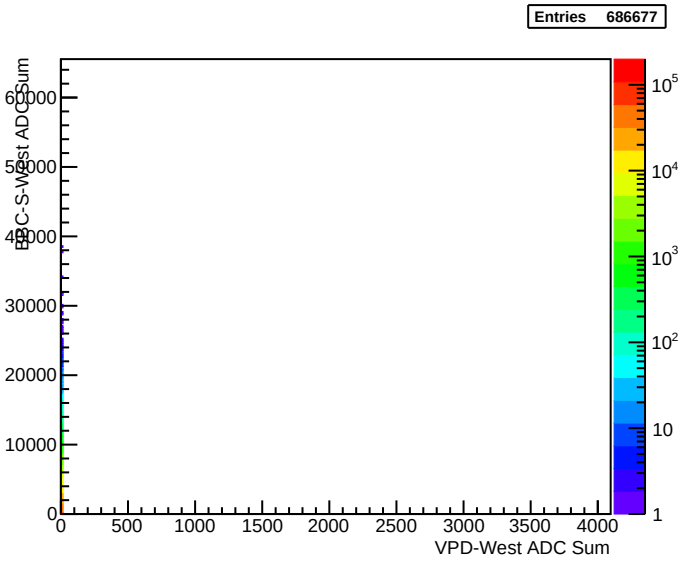

Entries 686677
TOF Mult
ZDC-East ADC Sum Att

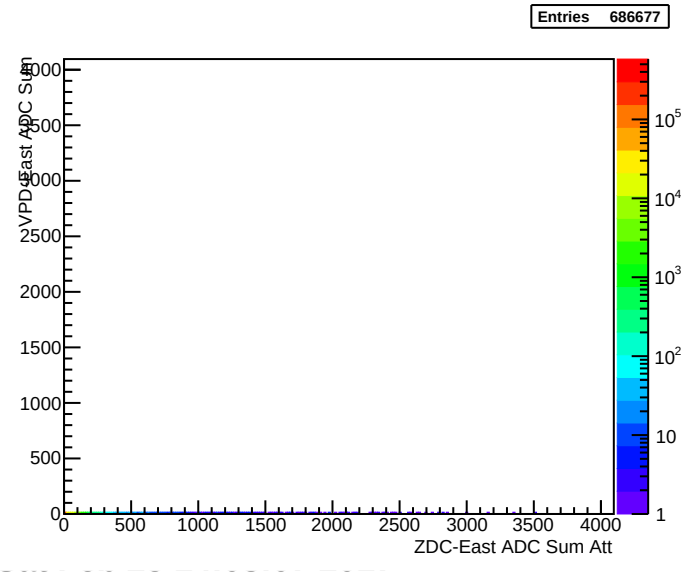

Entries 686677
TOF Mult
ZDC-West ADC Sum Att

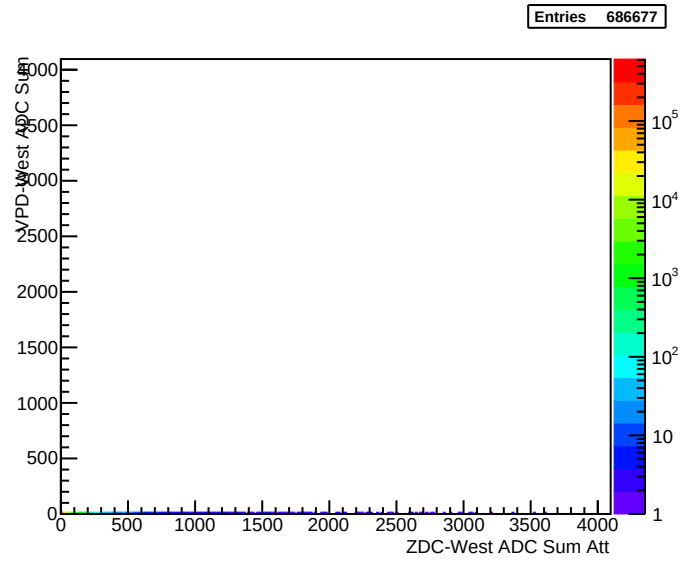

Entries 686677
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

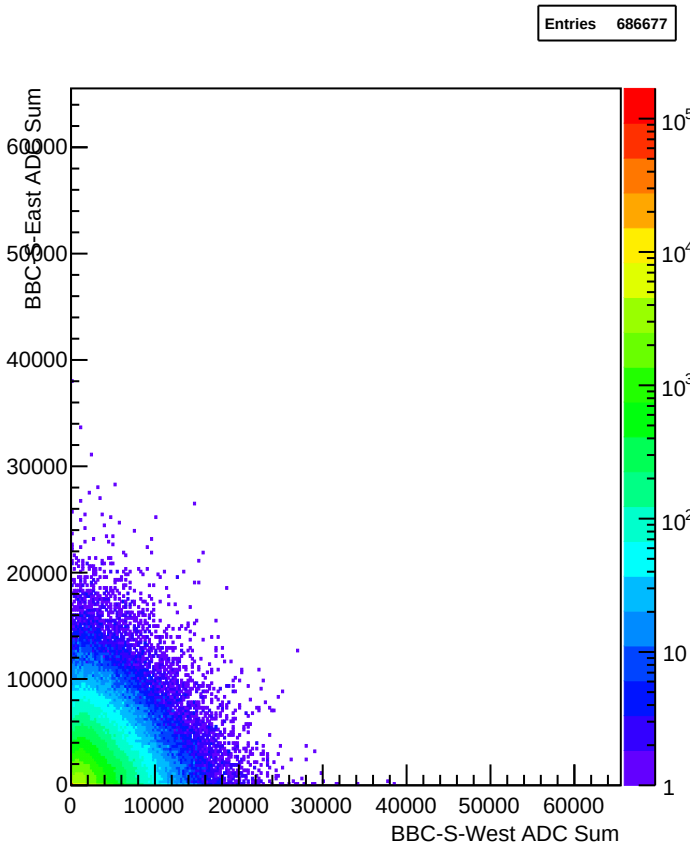

Entries 686677
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

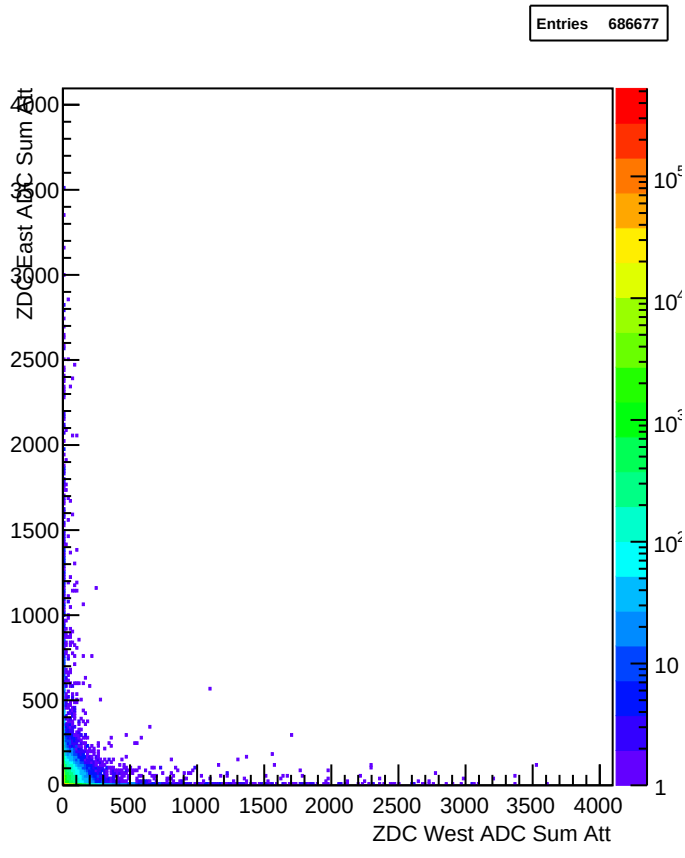

Entries 686677
BBC-S-East ADC Sum
VPD-East ADC Sum

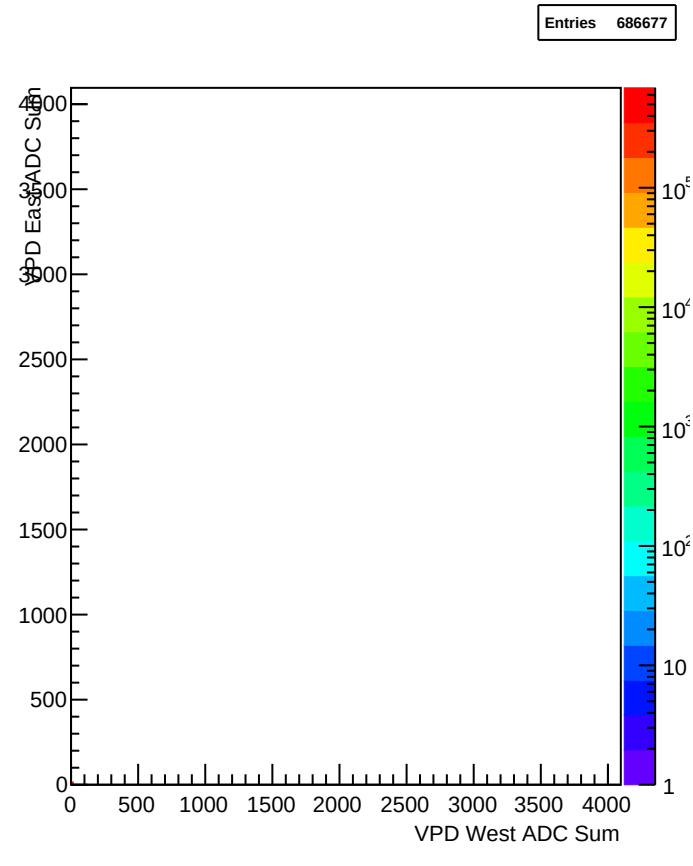

Entries 686677
BBC-S-West ADC Sum
VPD-West ADC Sum

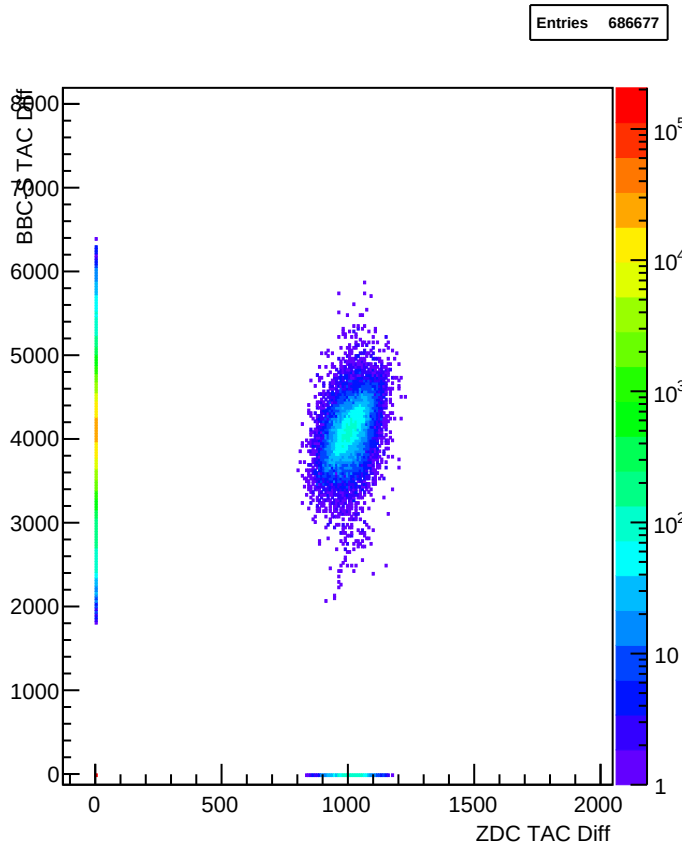

Entries 686677
VPD-East ADC Sum
ZDC-East ADC Sum Att

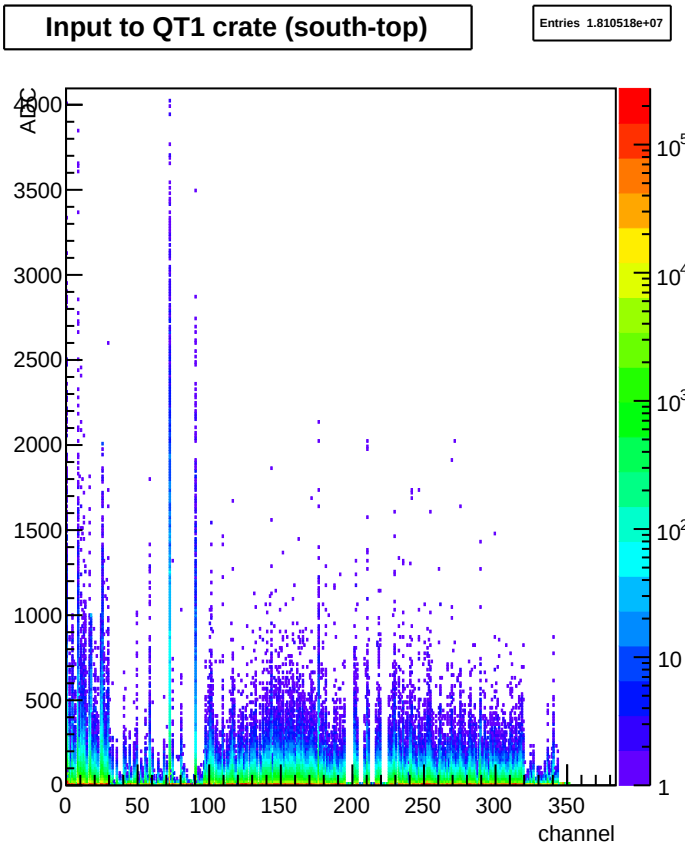

Entries 686677
VPD-West ADC Sum
ZDC-West ADC Sum Att

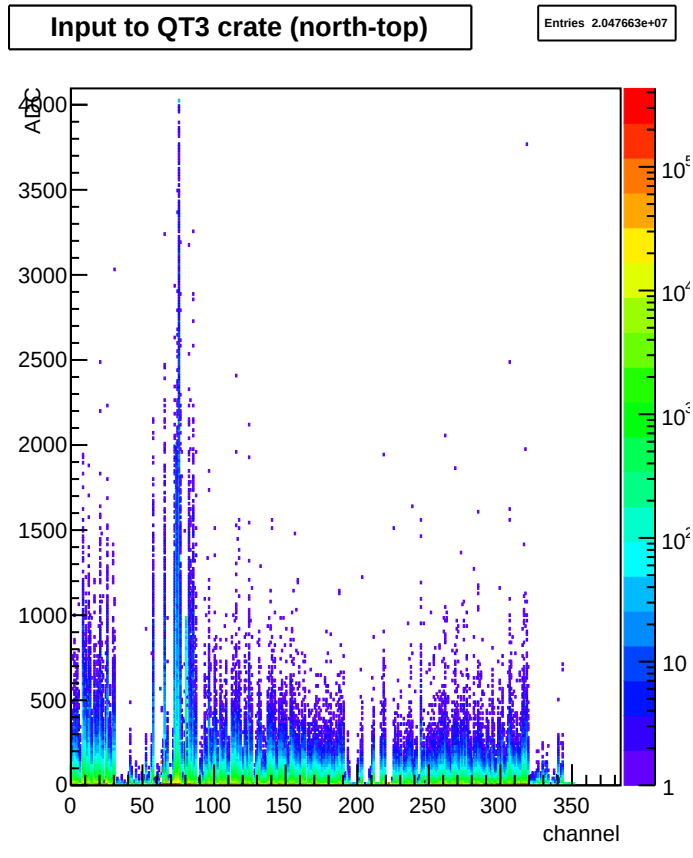

Entries 686677
BBC-S-East ADC Sum
BBC-S-West ADC Sum

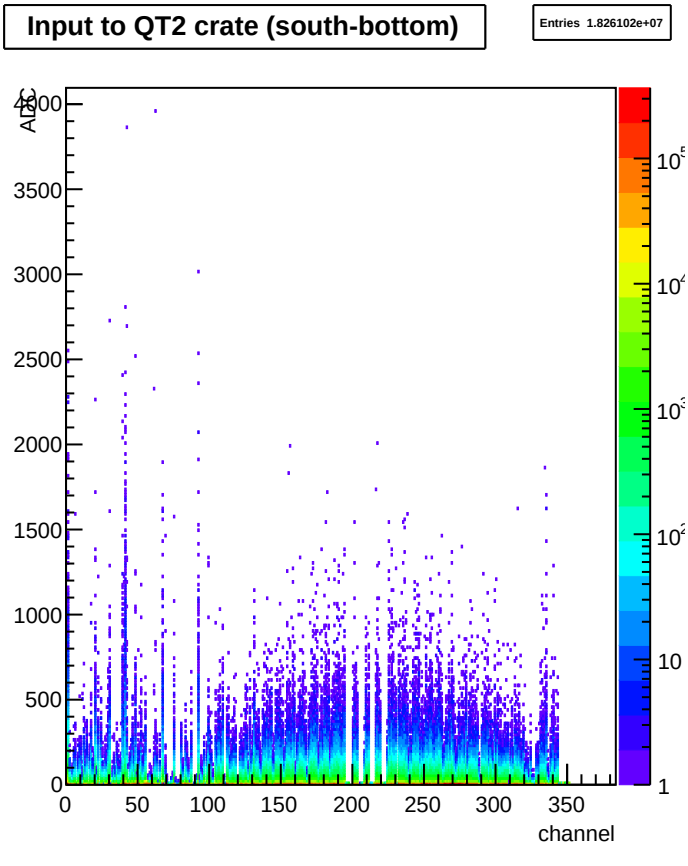

Entries 686677
ZDC East ADC Sum Att
ZDC West ADC Sum Att

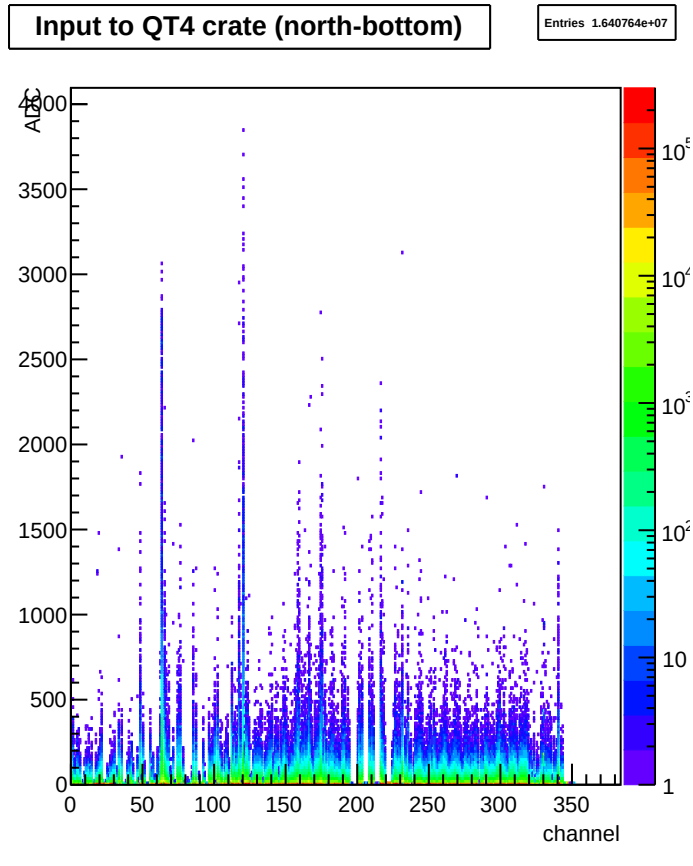

Entries 686677
VPD East ADC Sum
VPD West ADC Sum

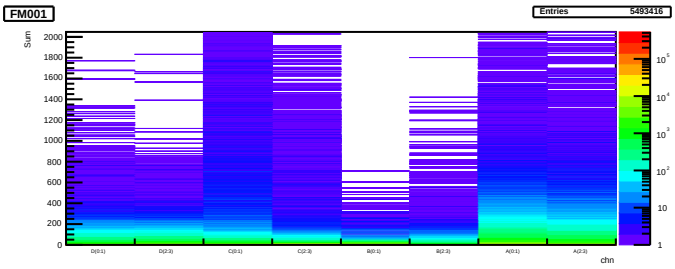

Entries 686677
BBC-S TAC Diff
ZDC TAC Diff

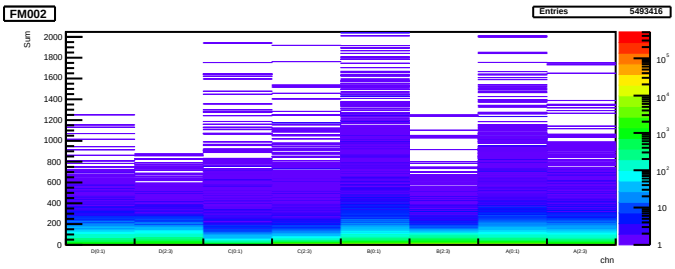

Input to QT1 crate (south-top)
Entries 1.810518e+07
ADC
channel

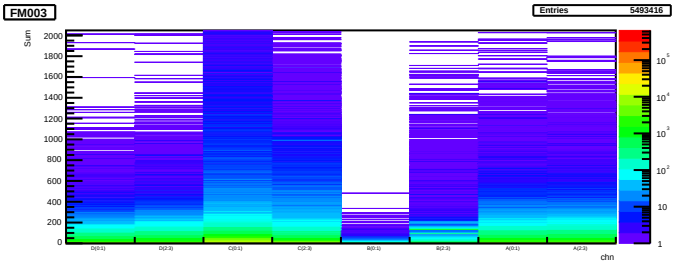

Input to QT3 crate (north-top)
Entries 2.047663e+07
ADC
channel

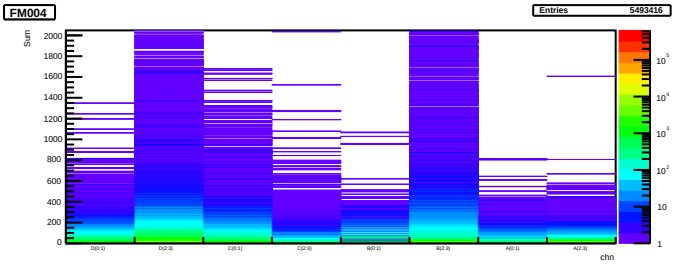

Input to QT2 crate (south-bottom)
Entries 1.826102e+07
ADC
channel

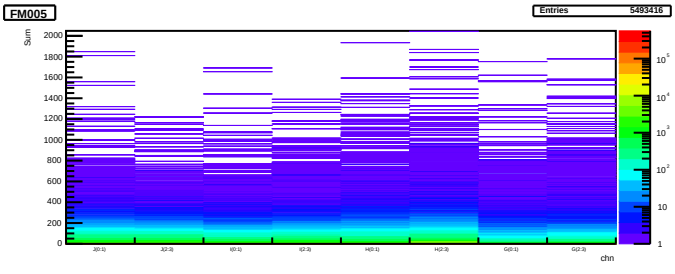

Input to QT4 crate (north-bottom)
Entries 1.640764e+07
ADC
channel

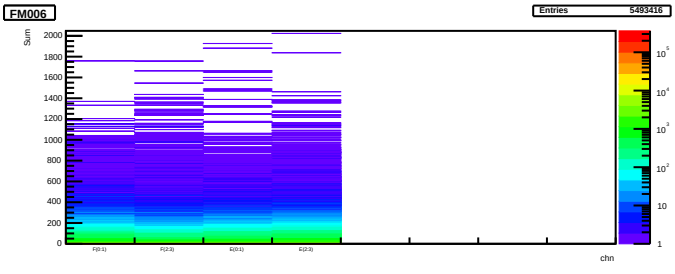

FM001
Entries 5493416
Sum
chn

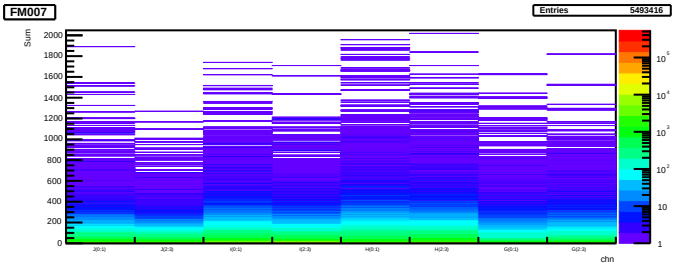

FM002
Entries 5493416
Sum
chn

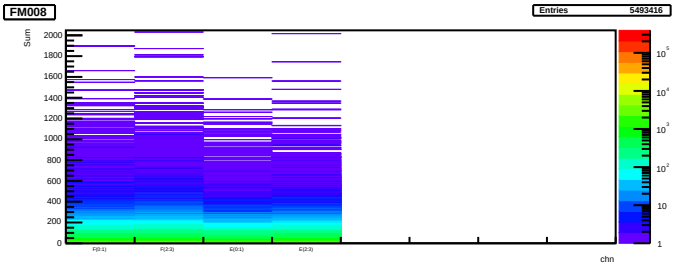

FM003
Entries 5493416
Sum
chn

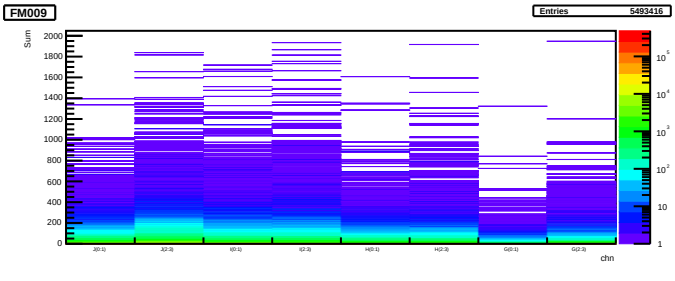

FM004
Entries 5493416
Sum
chn

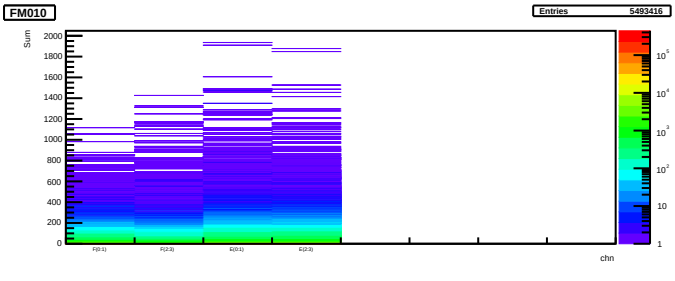

FM005
Entries 5493416
Sum
chn

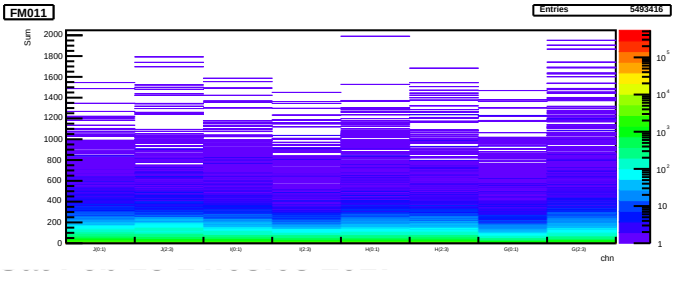

FM006
Entries 5493416
Sum
chn

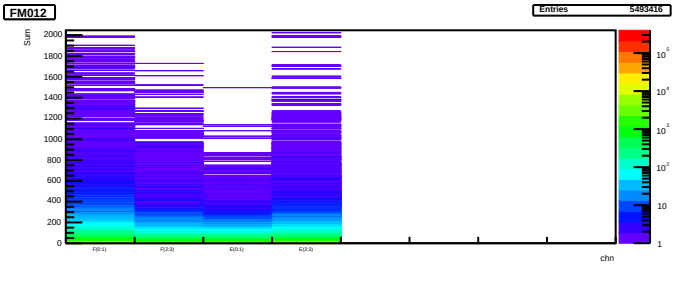

FM007
Entries 5493416
Sum
chn


FM008
Entries 5493416
Sum
chn


FM009
Entries 5493416
Sum
chn


FM010
Entries 5493416
Sum
chn


FM011
Entries 5493416
Sum
chn


FM012
Entries 5493416
Sum
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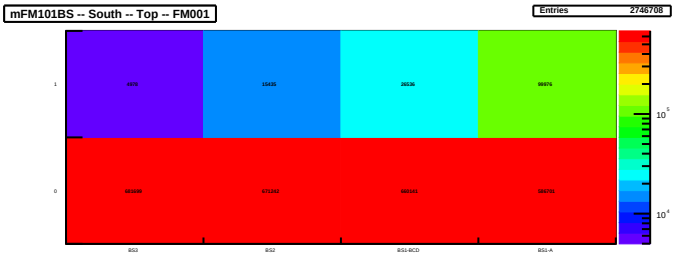
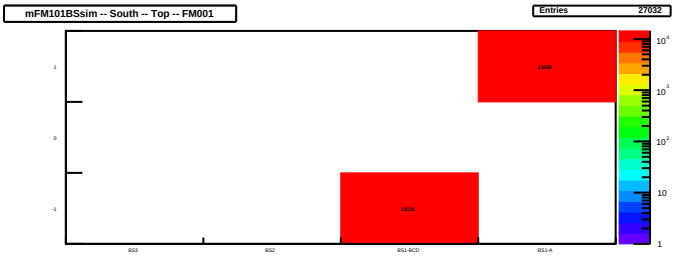

mFM101BS -- South -- Top -- FM001
Entries 2746708
BS3
BS2
BS1-BCD
BS1-A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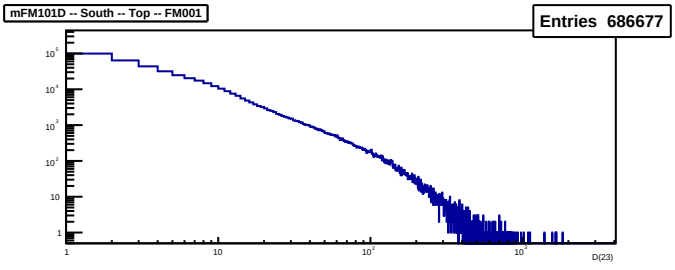
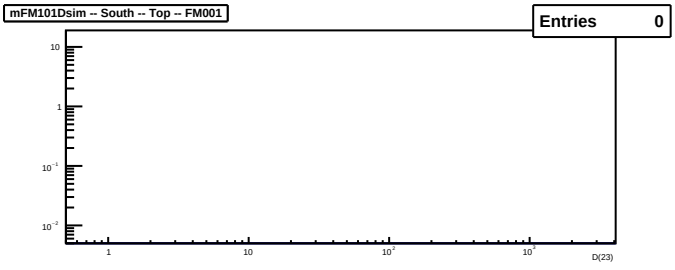
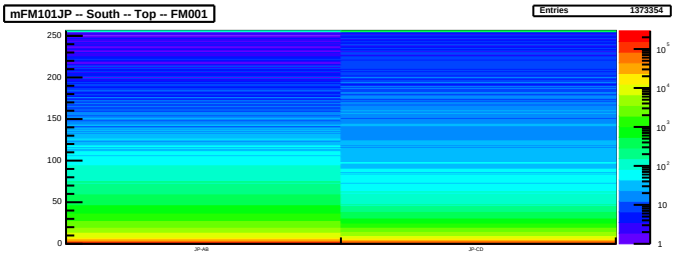
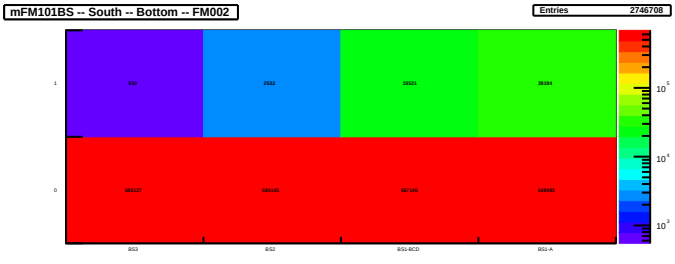
Entries 27032
BS3
BS2
BS1-BCD
BS1-A

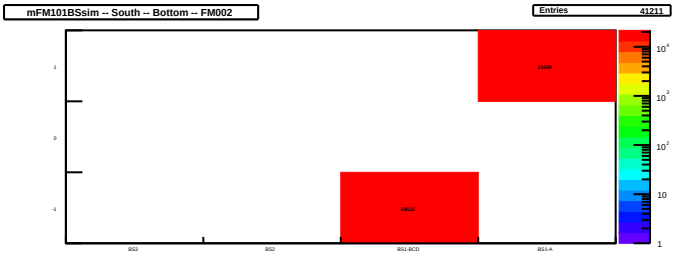

mFM101D -- South -- Top -- FM001
Entries 686677
D(23)

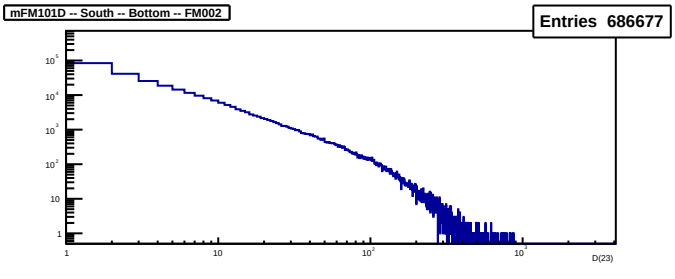

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

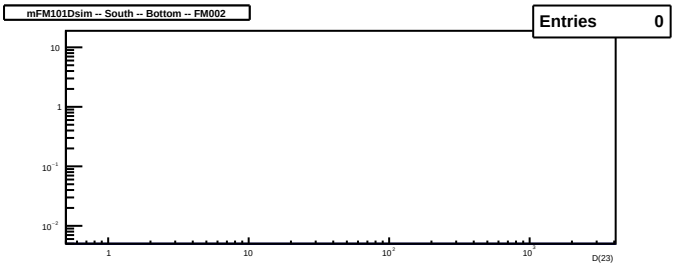

mFM101JP -- South -- Top -- FM001
Entries 1373354
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 2746708
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Bottom -- FM002
Entries 41211
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 686677
D(23)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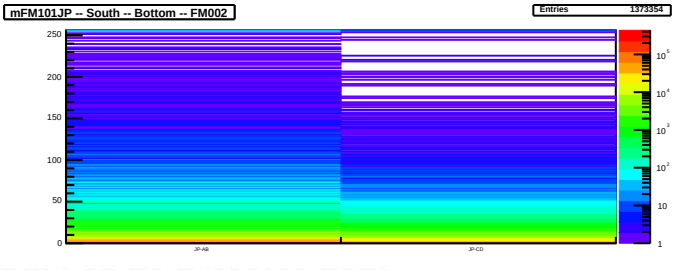
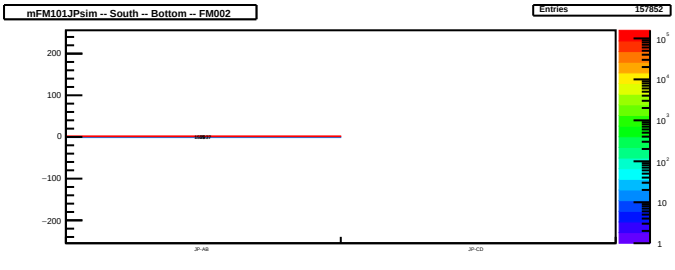
Entries 0
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 1373354
JP-AB
JP-CD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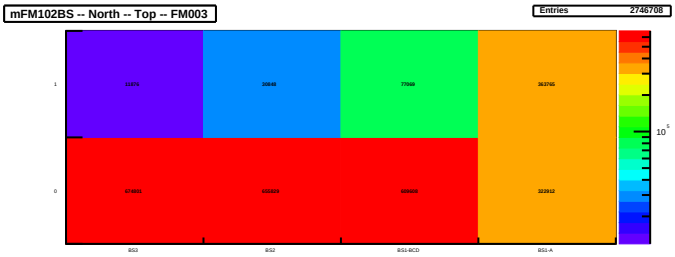
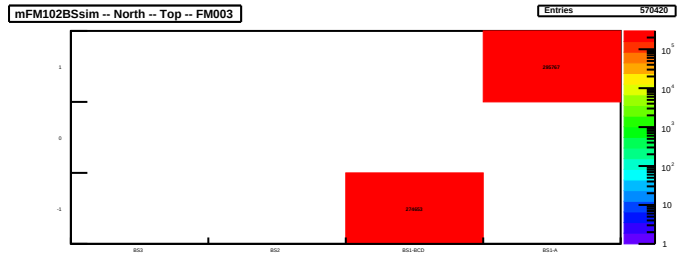
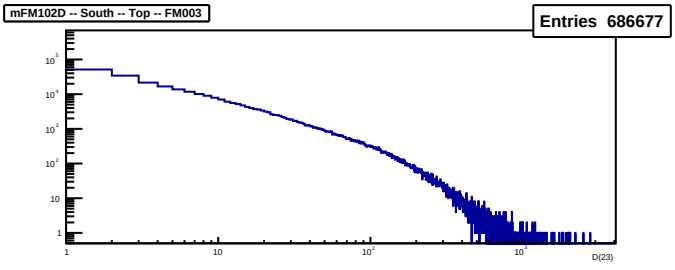
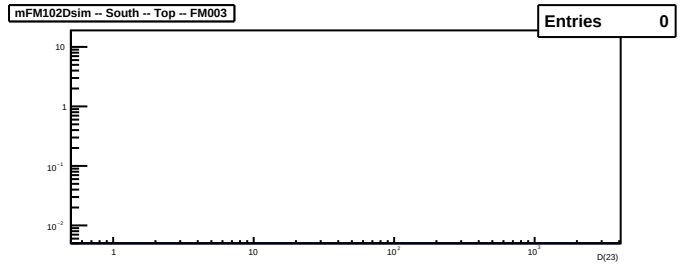
Entries 157852
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 2746708


mFM102BSsim -- North -- Top -- FM003
Entries 570420


mFM102D -- South -- Top -- FM003
Entries 686677
D(23)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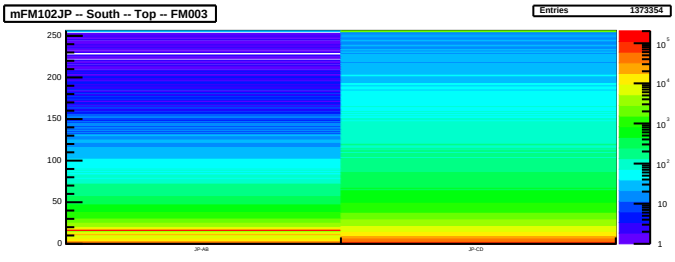
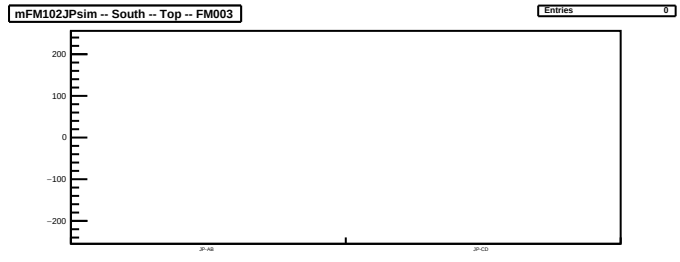
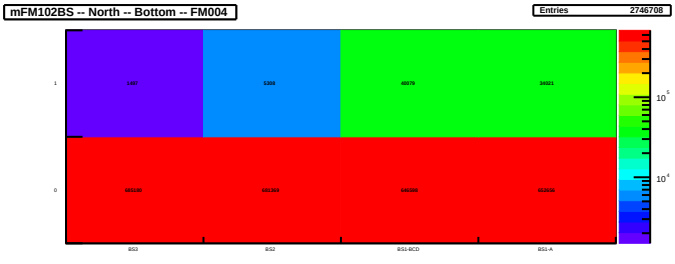
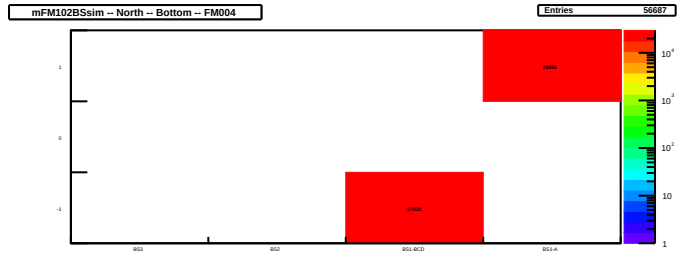
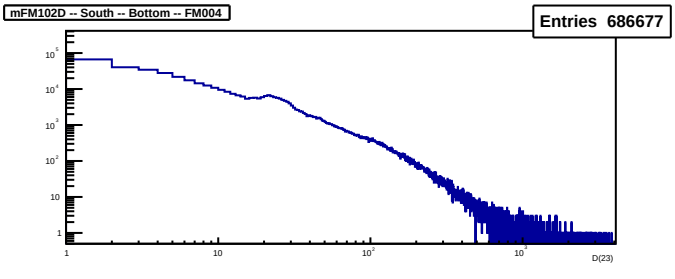
Entries 0
D(23)

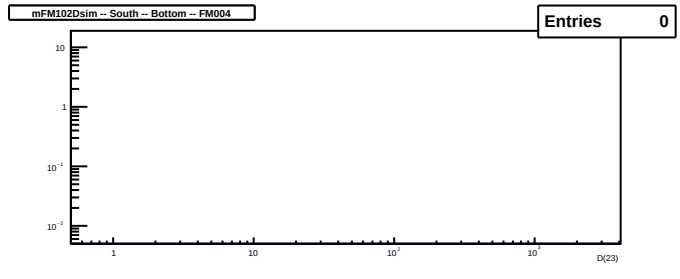

mFM102JP -- South -- Top -- FM003
Entries 1373354

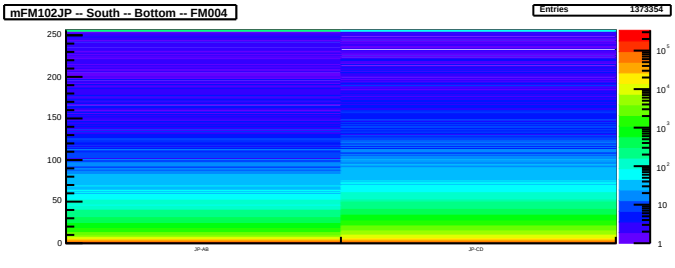

mFM102JPsim -- South -- Top -- FM003
Entries 0

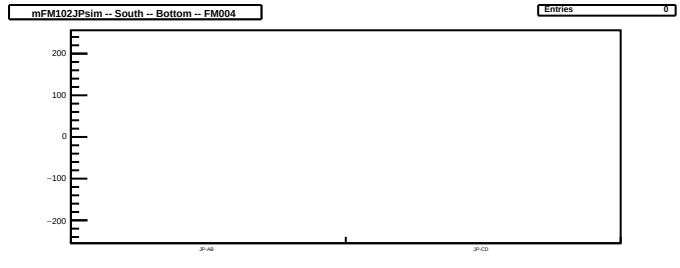

mFM102BS -- North -- Bottom -- FM004
Entries 2746708

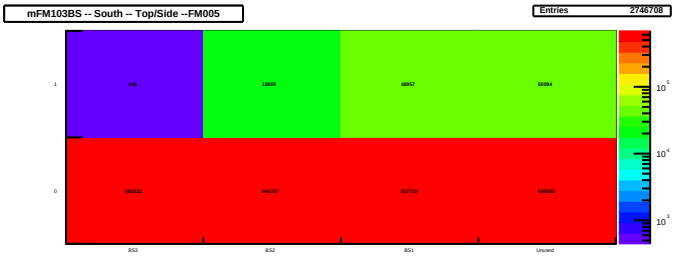

mFM102BSsim -- North -- Bottom -- FM004
Entries 56687

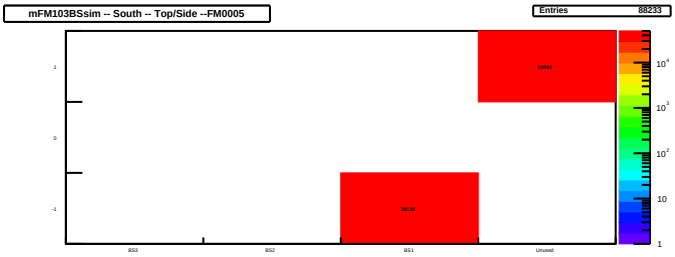

mFM102D -- South -- Bottom -- FM004
Entries 686677
D(23)


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


mFM102JP -- South -- Bottom -- FM004
Entries 1373354


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


mFM103BS -- South -- Top/Side --FM005
Entries 2746708
445
19859
48857
56094
684232
666777
627726
636593
BS3
BS2
BS1
Unused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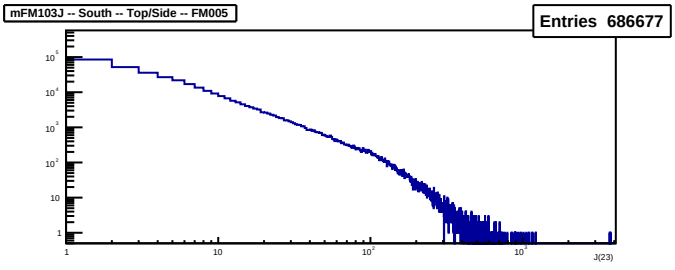
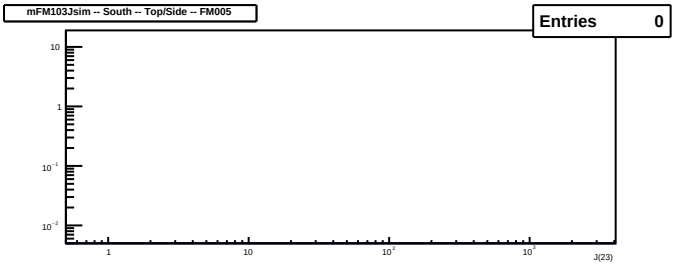
Entries 88233
56094
28139
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 686677
J(23)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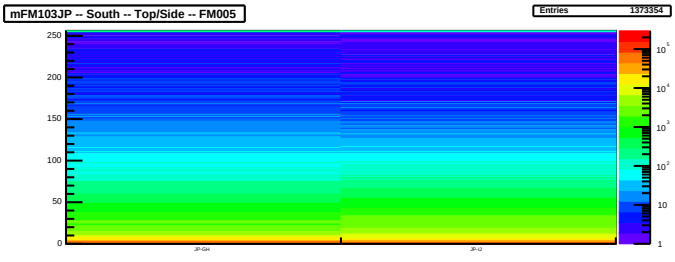
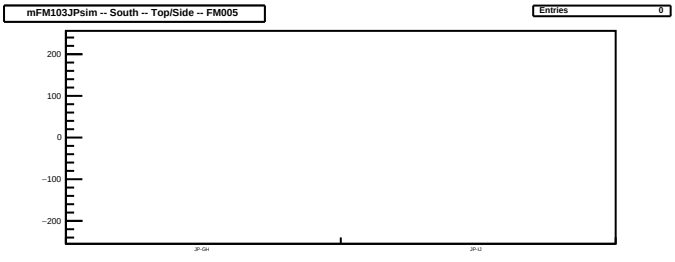
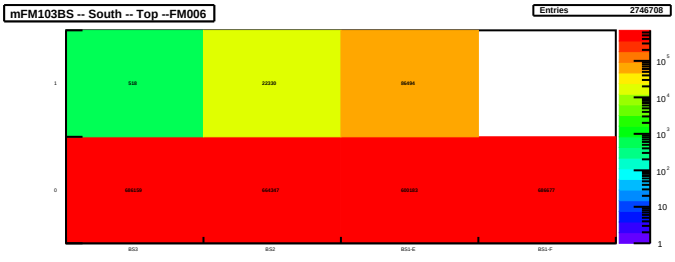
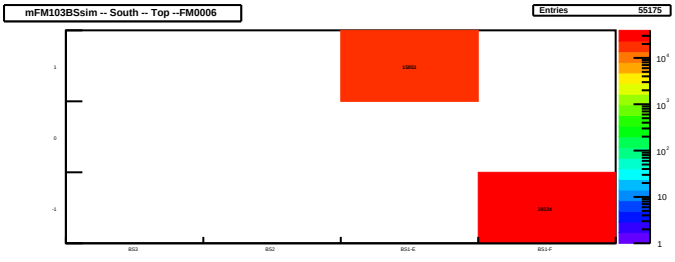
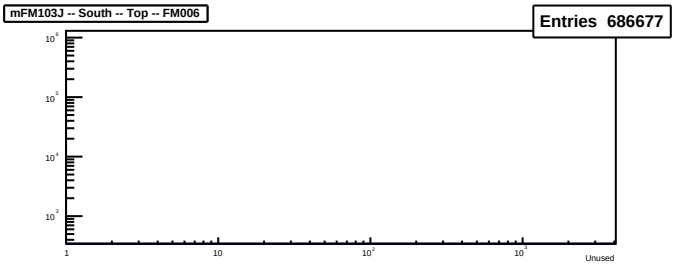
Entries 0
J(23)

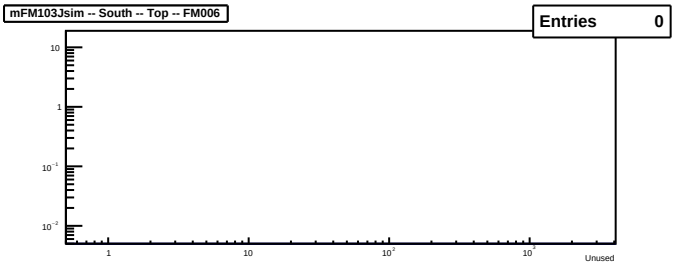

mFM103JP -- South -- Top/Side -- FM005
Entries 1373354
JP-G4
JP-I2

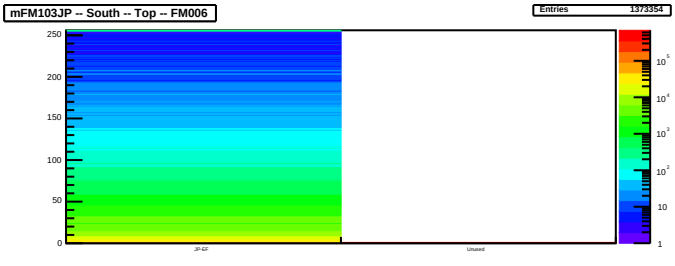

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-G4
JP-I2

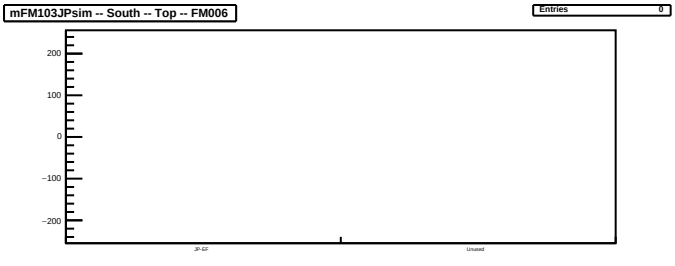

mFM103BS -- South -- Top --FM006
Entries 2746708
518
22330
86494
684159
664347
600183
686677
BS3
BS2
BS1-E
BS1-F

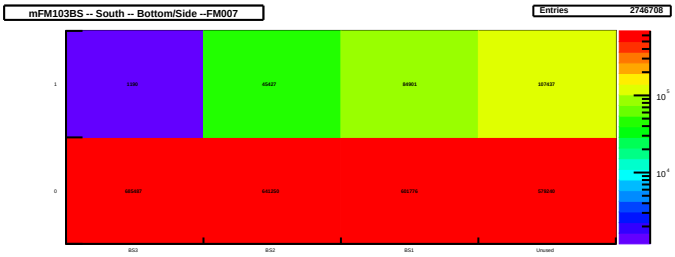

mFM103BSsim -- South -- Top --FM0006
Entries 55175
15851
39324
BS3
BS2
BS1-E
BS1-F

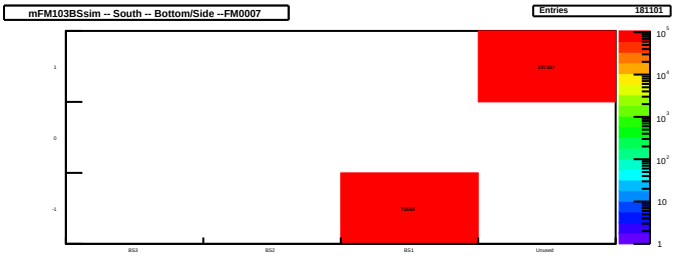

mFM103J -- South -- Top -- FM006
Entries 686677
Unused

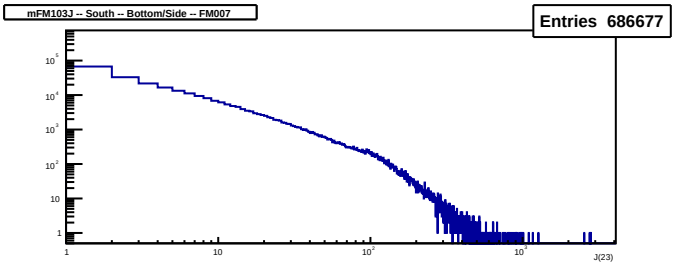

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

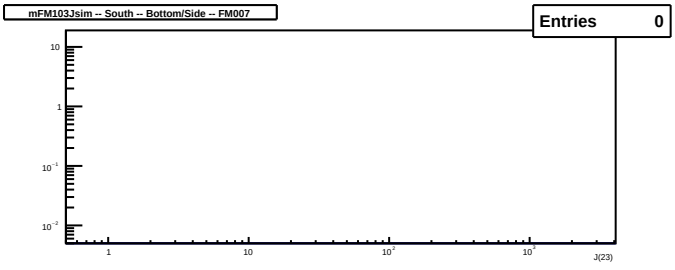

mFM103JP -- South -- Top -- FM006
Entries 1373354
JP-EF
Unused

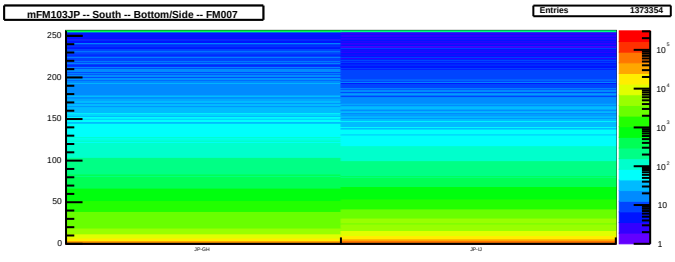

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

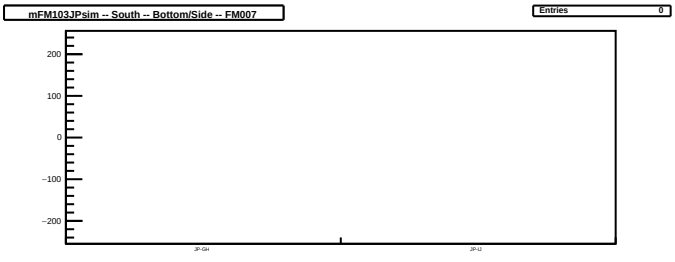

mFM103BS -- South -- Bottom/Side --FM007
Entries 2746708
1100
454427
849801
167437
685487
641350
661776
578240
BS3
BS2
BS1
Unused

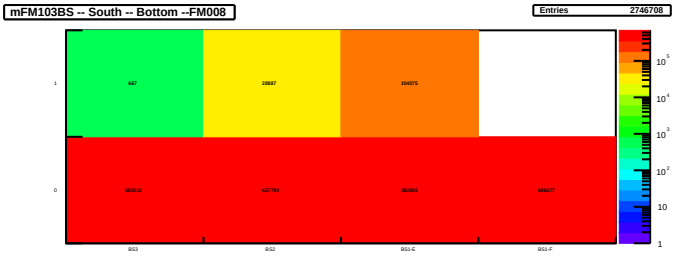

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 181101
167437
73664
BS3
BS2
BS1
Unused

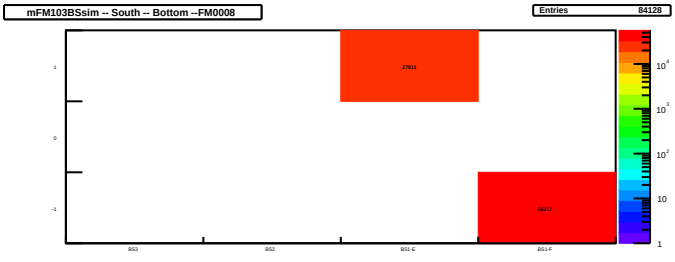

mFM103J -- South -- Bottom/Side -- FM007
Entries 686677
J(23)

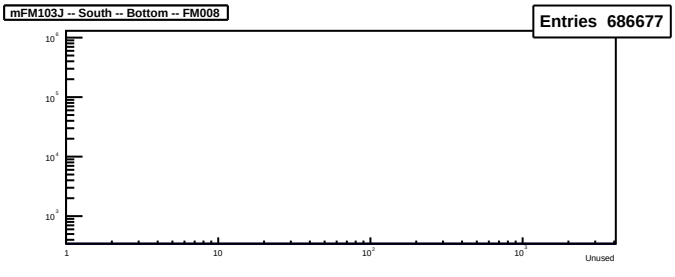

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

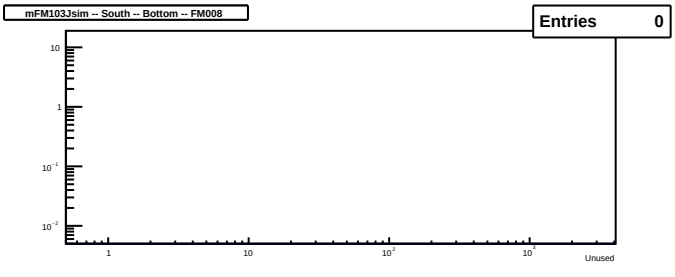

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1373354
JP-GH
JP-IJ


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


mFM103BS -- South -- Bottom --FM008
Entries 2746708
667
28887
164075
686010
657790
682602
686677
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 84128
27931
56217
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 686677
Unused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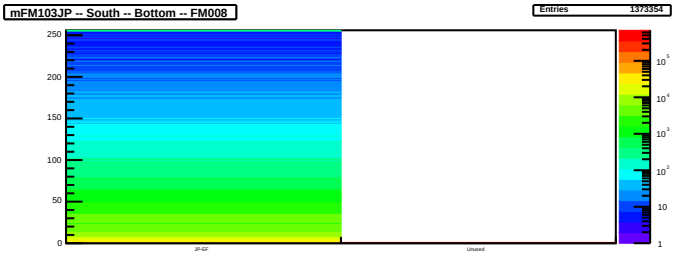
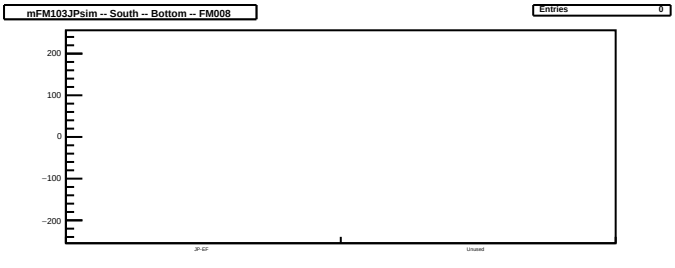
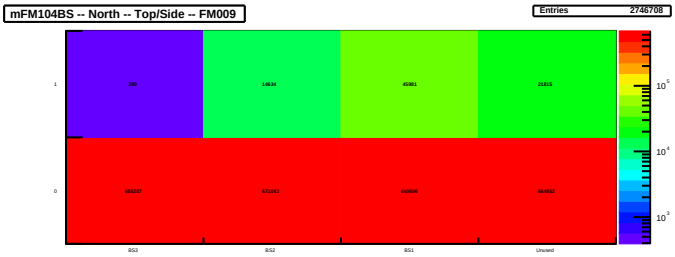
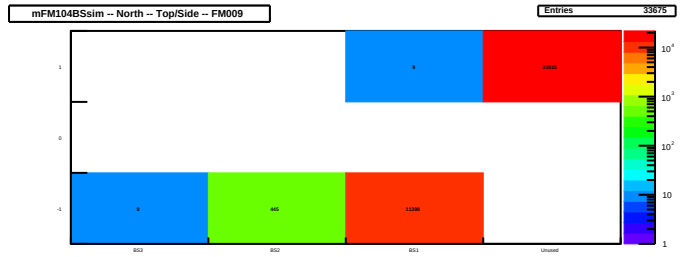
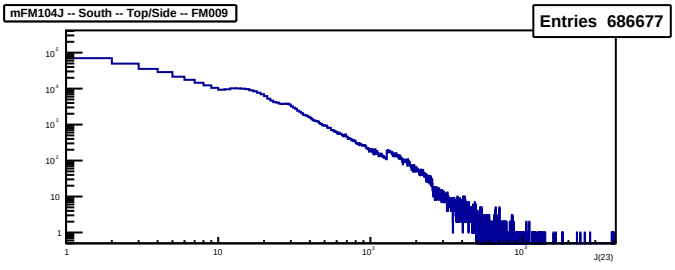
Entries 0
Unused

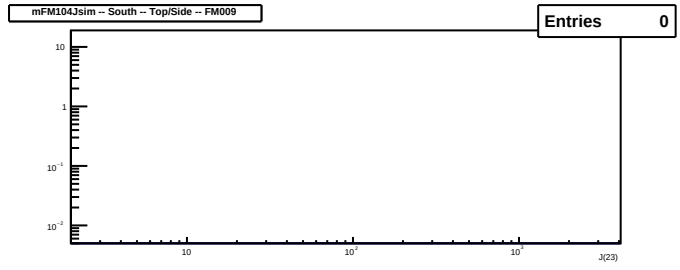

mFM103JP -- South -- Bottom -- FM008
Entries 1373354
JP-EF
Unused

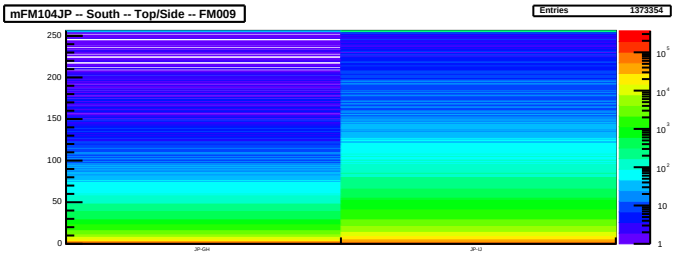

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

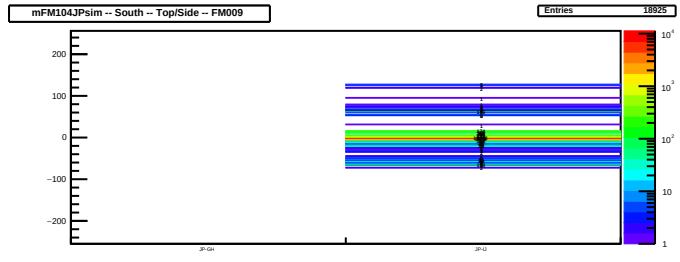

mFM104BS -- North -- Top/Side -- FM009
Entries 2746708

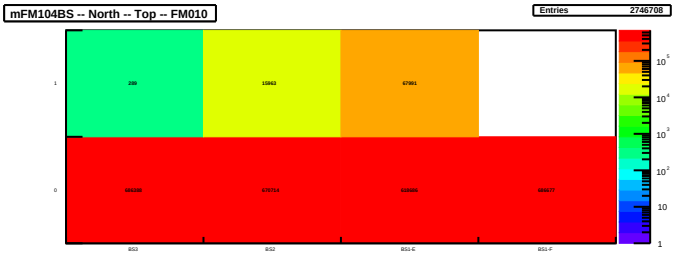

mFM104BSsim -- North -- Top/Side -- FM009
Entries 33675

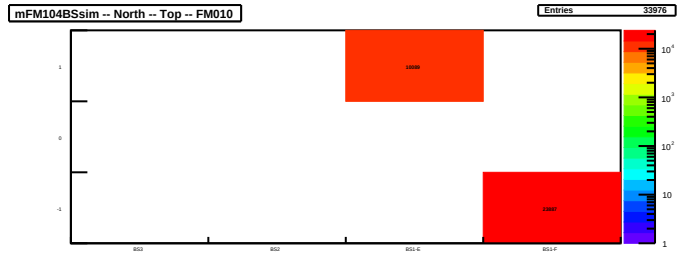

mFM104J -- South -- Top/Side -- FM009
Entries 686677
J(23)

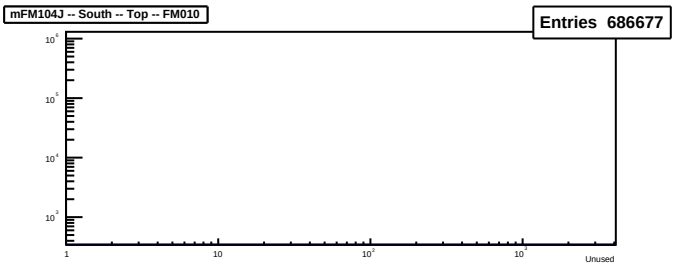

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

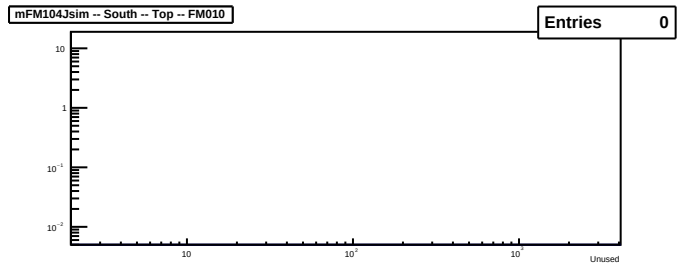

mFM104JP -- South -- Top/Side -- FM009
Entries 1373354

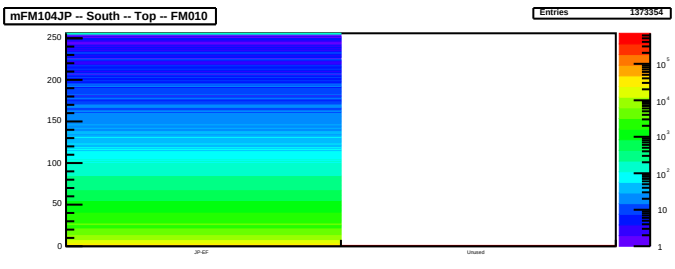

mFM104JPsim -- South -- Top/Side -- FM009
Entries 18925

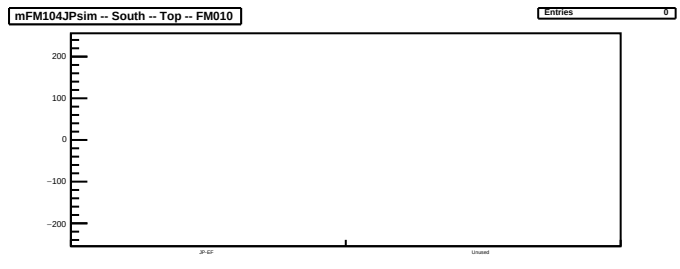

mFM104BS -- North -- Top -- FM010
Entries 2746708

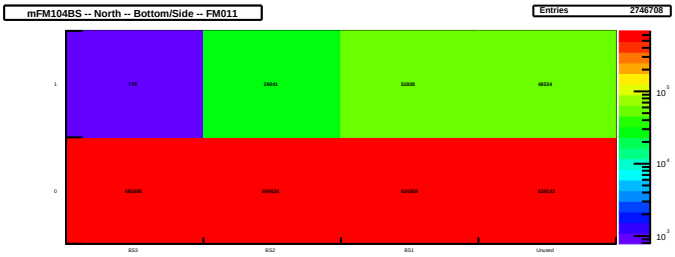

mFM104BSsim -- North -- Top -- FM010
Entries 33976

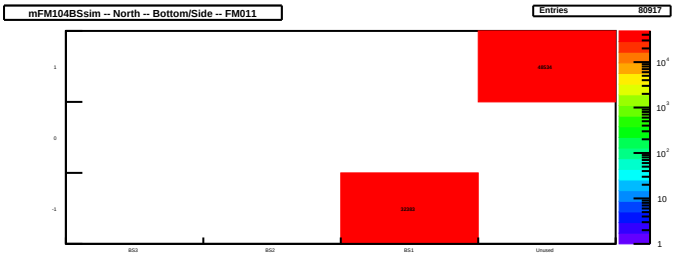

mFM104J -- South -- Top -- FM010
Entries 686677
Unused

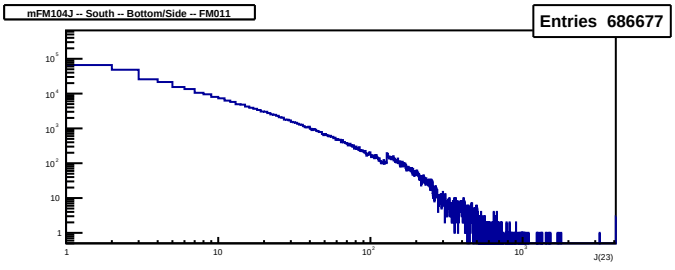

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

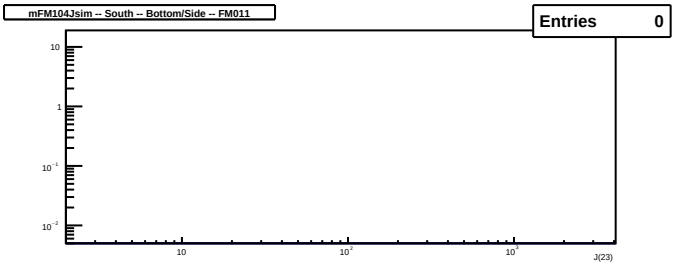

mFM104JP -- South -- Top -- FM010
Entries 1373354

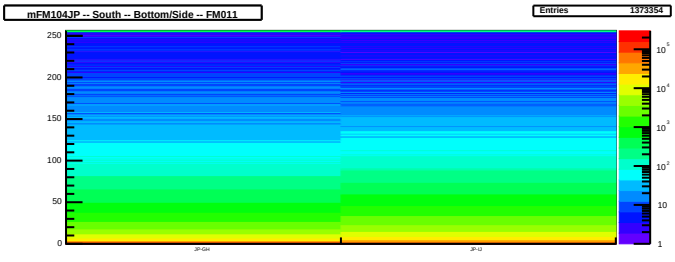

mFM104JPsim -- South -- Top -- FM010
Entries 0

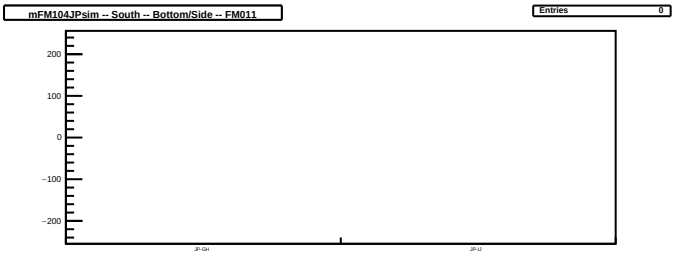

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2746708
770
34041
51808
46534
665908
660434
634864
638143
BS3
BS2
BS1
Unused

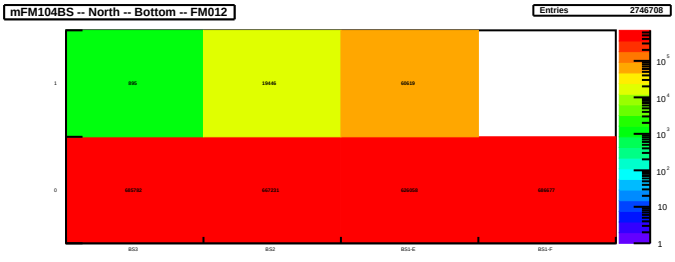

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 80917
46534
32383
BS3
BS2
BS1
Unused

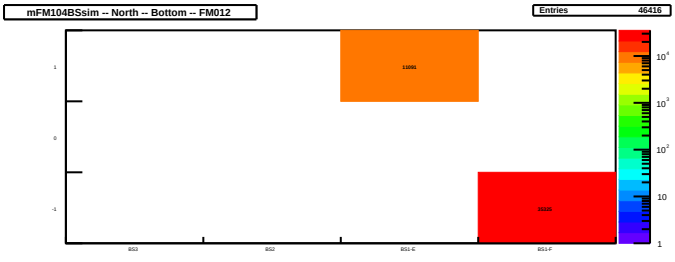

mFM104J -- South -- Bottom/Side -- FM011
Entries 686677
J(23)

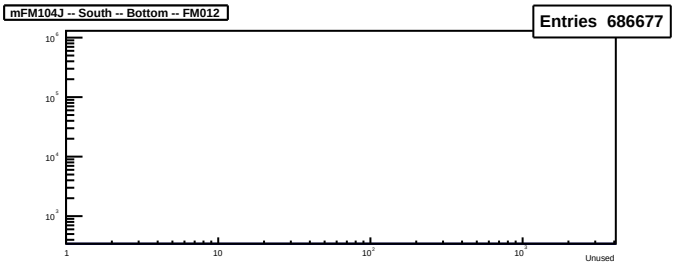

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

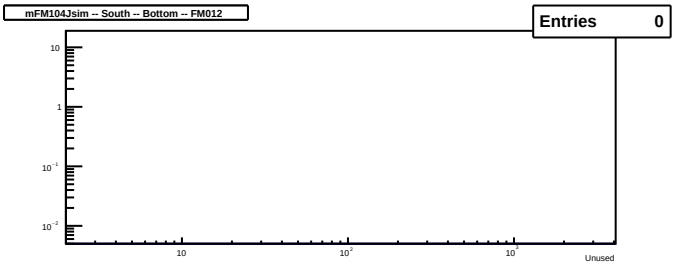

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1373354
JP-GH
JP-IJ

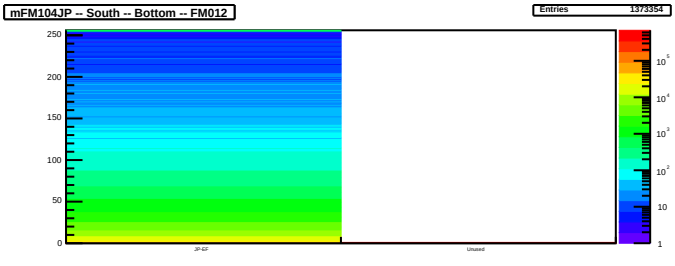

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ


mFM104BS -- North -- Bottom -- FM012
Entries 2746708
895
19446
68619
665782
667231
620056
686677
BS3
BS2
BS1-E
BS1-F

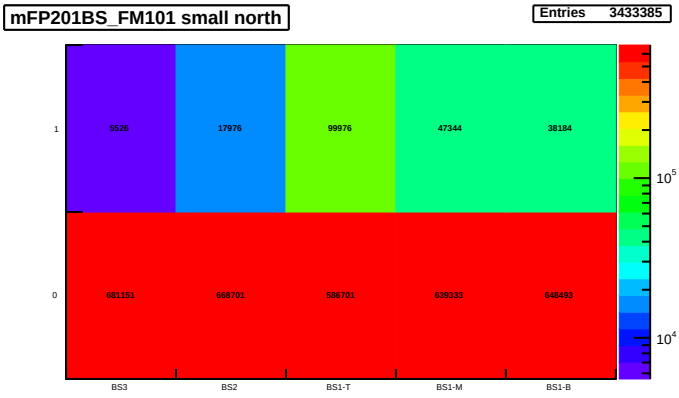

mFM104BSsim -- North -- Bottom -- FM012
Entries 46416
11091
35325
BS3
BS2
BS1-E
BS1-F

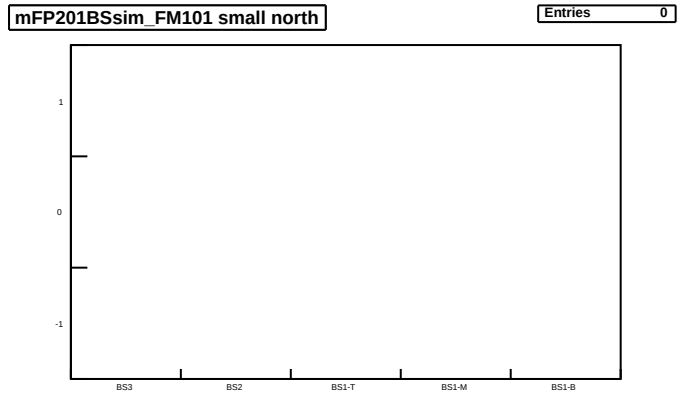

mFM104J -- South -- Bottom -- FM012
Entries 686677
Unused

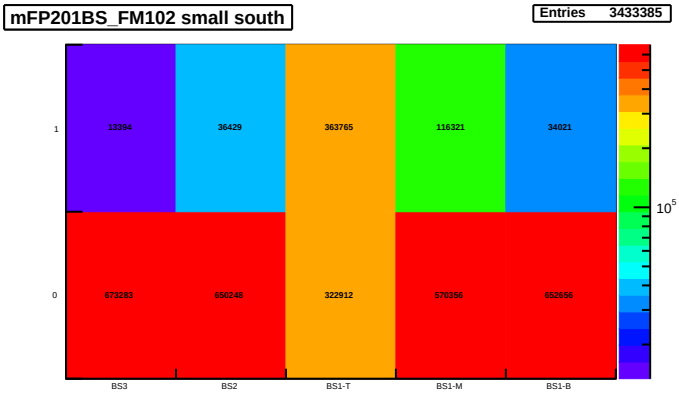

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

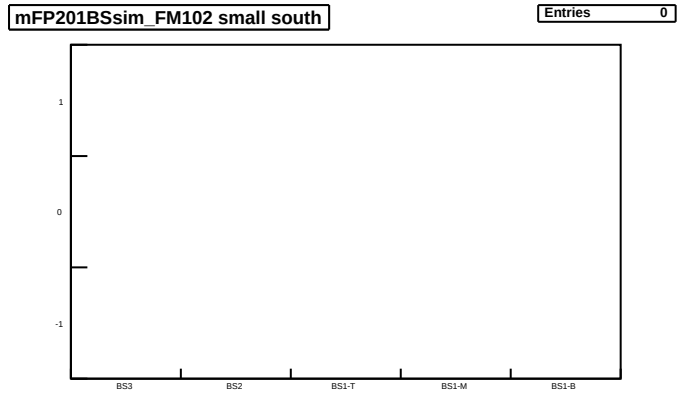

mFM104JP -- South -- Bottom -- FM012
Entries 1373354
JP-EF
Unused

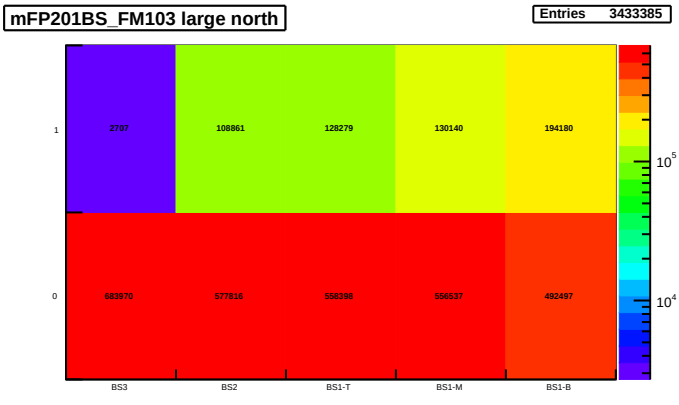
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

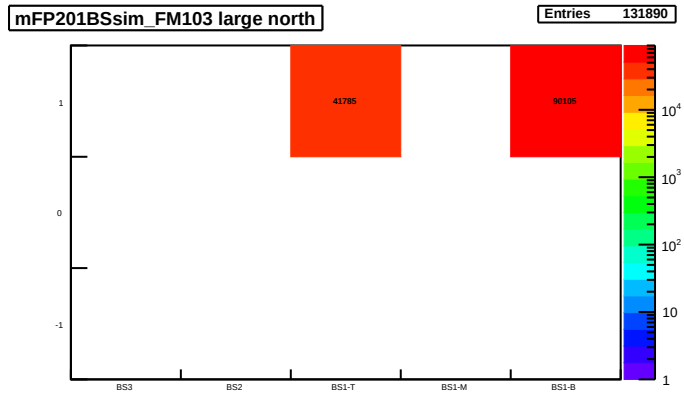

mFP201BS_FM101 small north
Entries 3433385
5526
17976
99976
47344
38184
681151
668701
586701
639333
648493
BS3
BS2
BS1-T
BS1-M
BS1-B

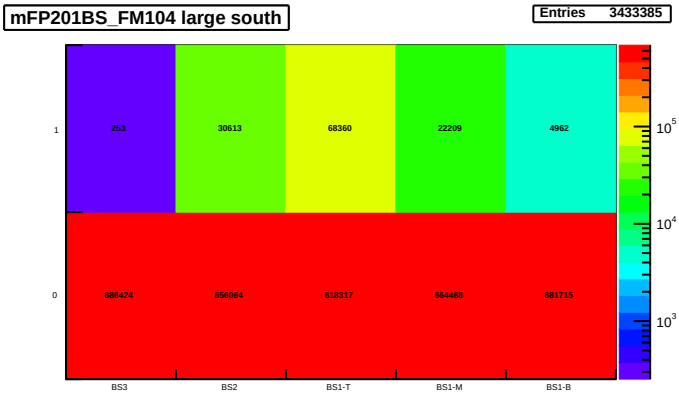

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

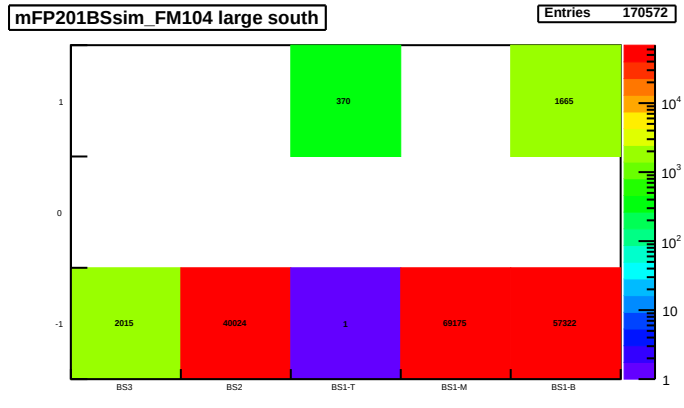

mFP201BS_FM102 small south
Entries 3433385
13394
36429
363765
116321
34021
673283
650248
322912
570356
652656
BS3
BS2
BS1-T
BS1-M
BS1-B

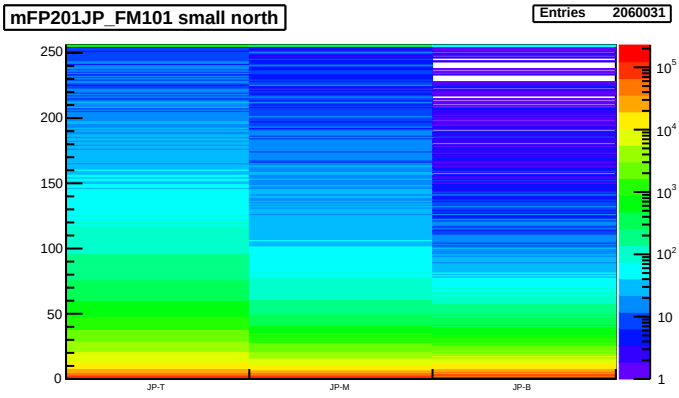

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

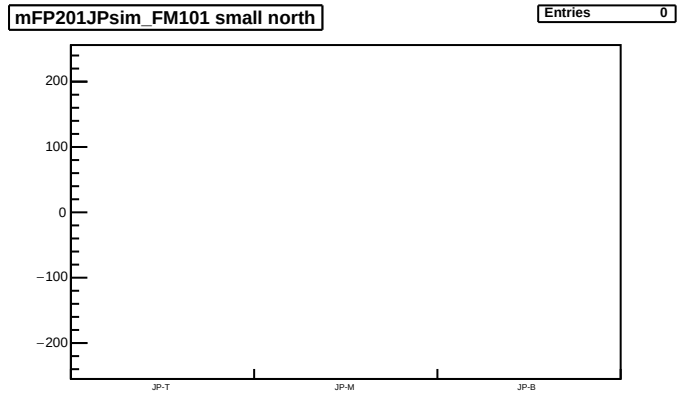

mFP201BS_FM103 large north
Entries 3433385
2707
108861
128279
130140
194180
683970
577816
558398
556537
492497
BS3
BS2
BS1-T
BS1-M
BS1-B

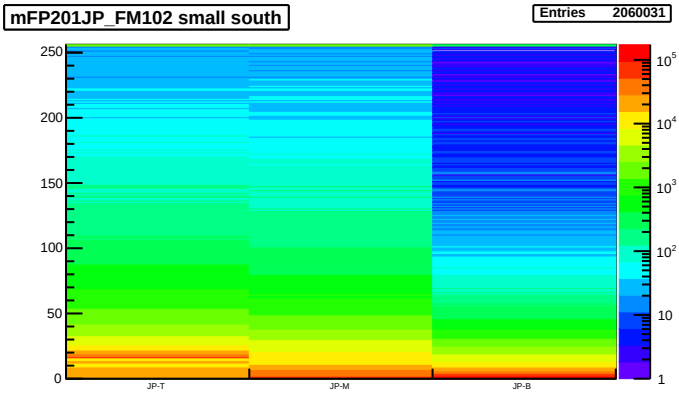

mFP201BSsim_FM103 large north
Entries 131890
41785
90105
BS3
BS2
BS1-T
BS1-M
BS1-B

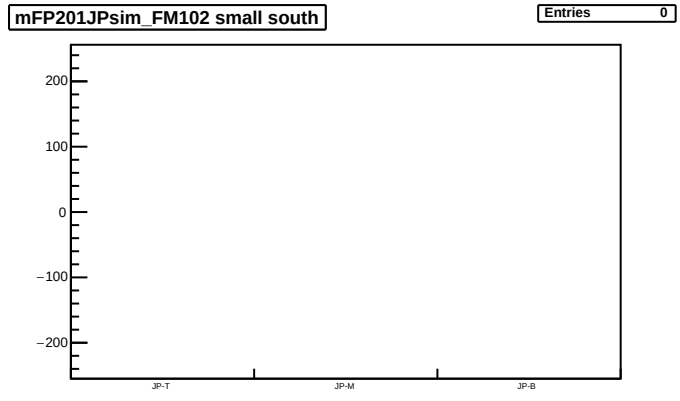

mFP201BS_FM104 large south
Entries 3433385
253
30613
68360
22209
4962
686424
656064
618317
664468
681715
BS3
BS2
BS1-T
BS1-M
BS1-B

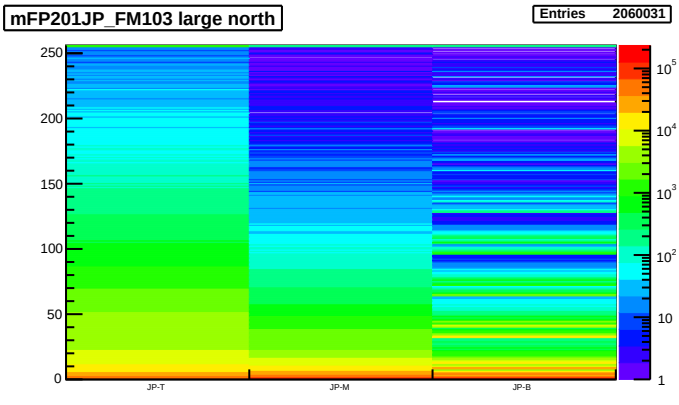

mFP201BSsim_FM104 large south
Entries 170572
370
1665
2015
40024
1
69175
57322
BS3
BS2
BS1-T
BS1-M
BS1-B

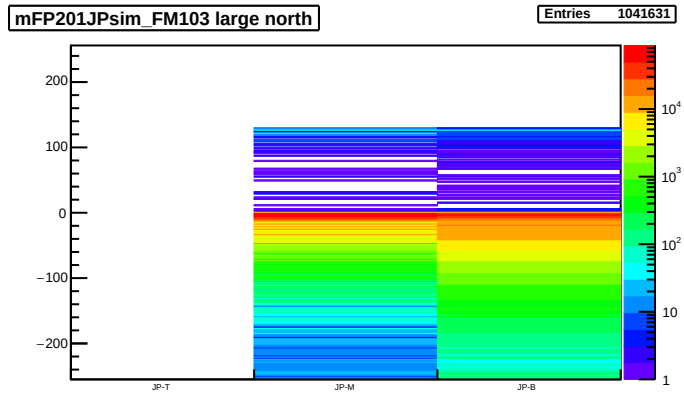

mFP201JP_FM101 small north
Entries 2060031
JP-T
JP-M
JP-B

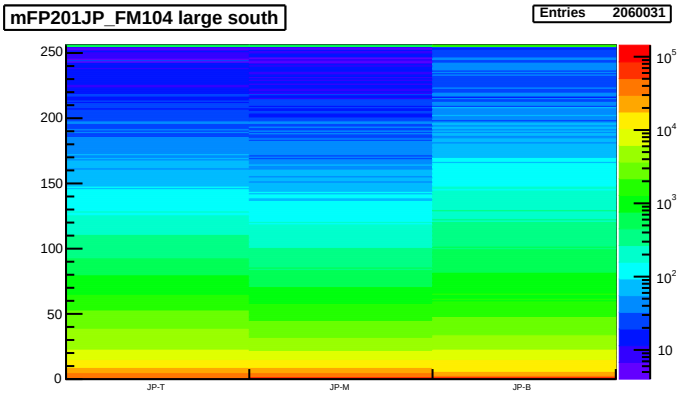

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

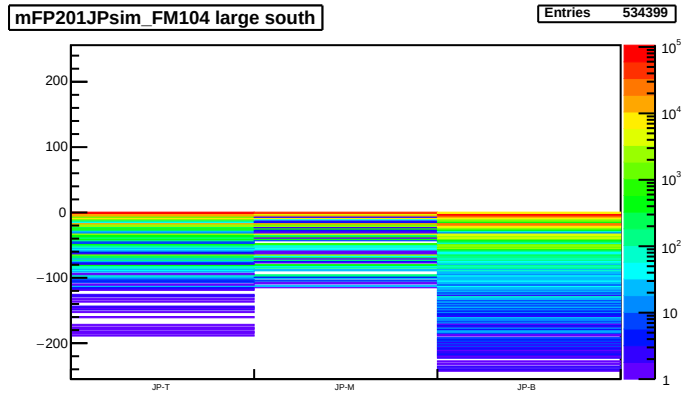

mFP201JP_FM102 small south
Entries 2060031
JP-T
JP-M
JP-B

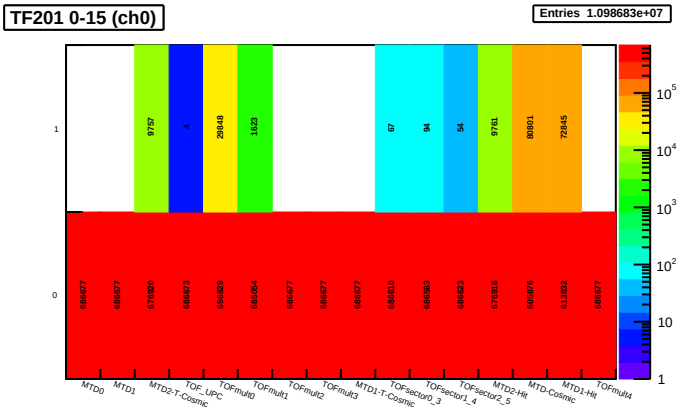

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

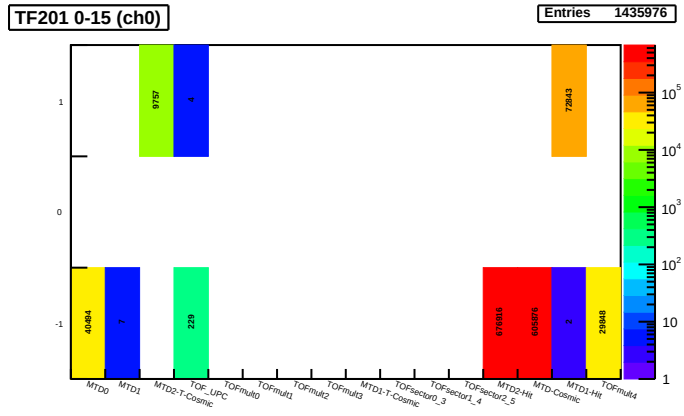

mFP201JP_FM103 large north
Entries 2060031
JP-T
JP-M
JP-B

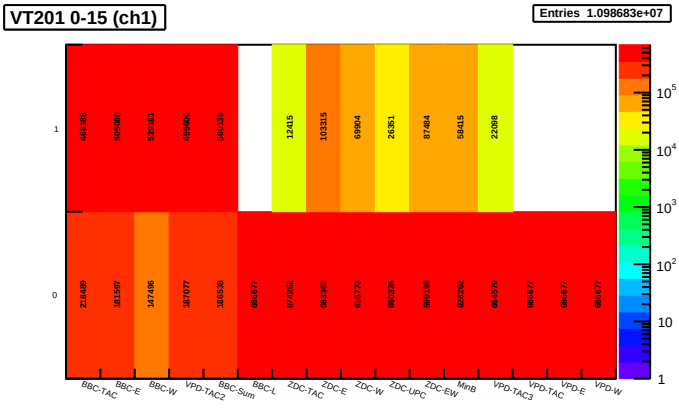

mFP201JPsim_FM103 large north
Entries 1041631
JP-T
JP-M
JP-B

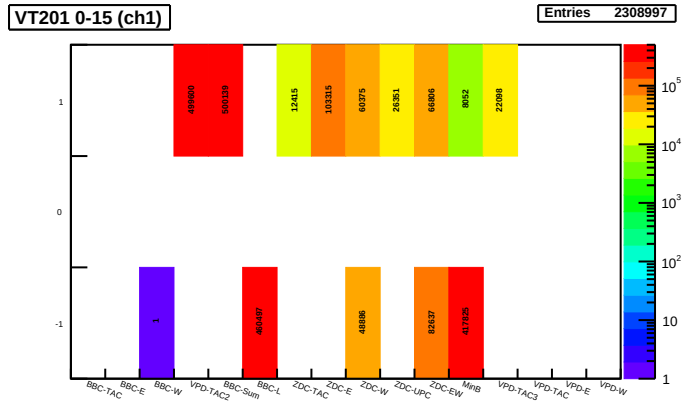

mFP201JP_FM104 large south
Entries 2060031
JP-T
JP-M
JP-B

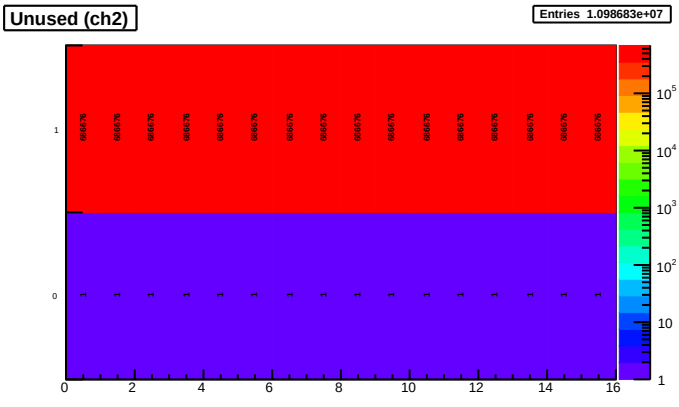

mFP201JPsim_FM104 large south
Entries 534399
JP-T
JP-M
JP-B

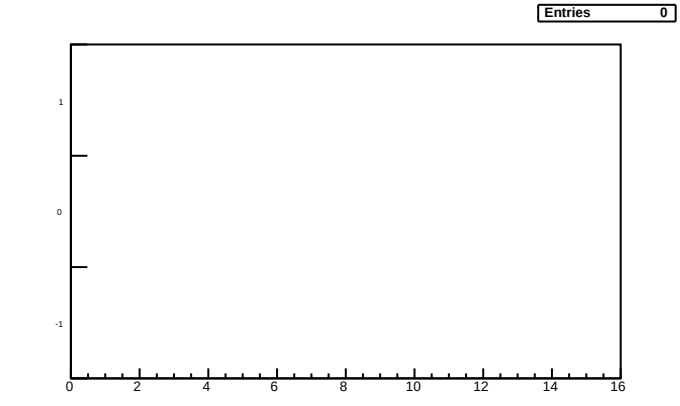

TF201 0-15 (ch0)
Entries 1.098683e+07
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

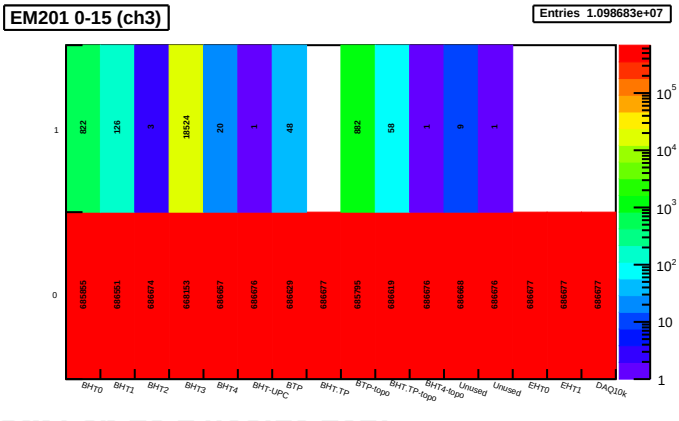

TF201 0-15 (ch0)
Entries 1435976
MTD0 MTD1 MTD2-T-Cosmic TOF-UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

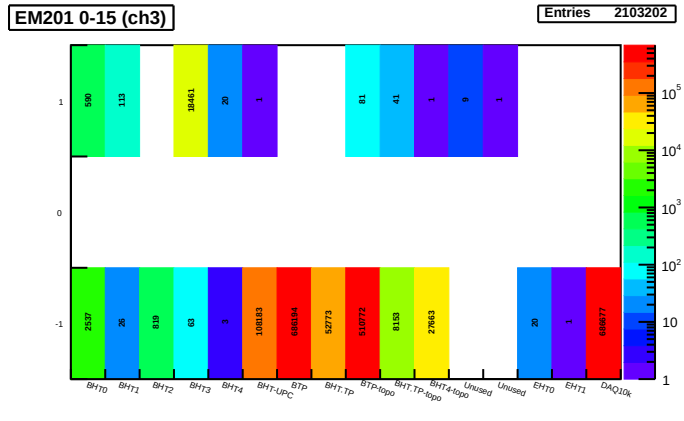

VT201 0-15 (ch1)
Entries 1.098683e+07
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

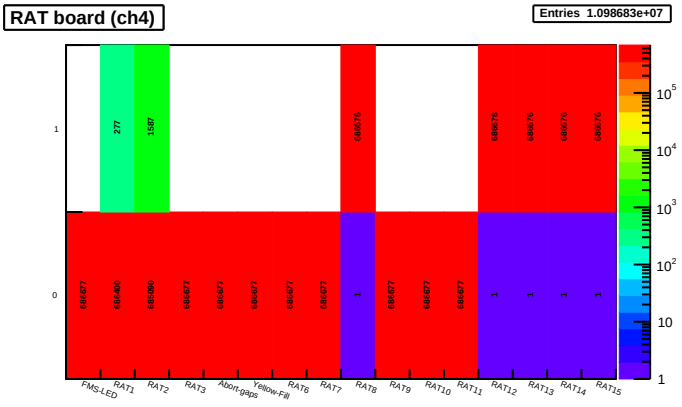

VT201 0-15 (ch1)
Entries 2308997
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

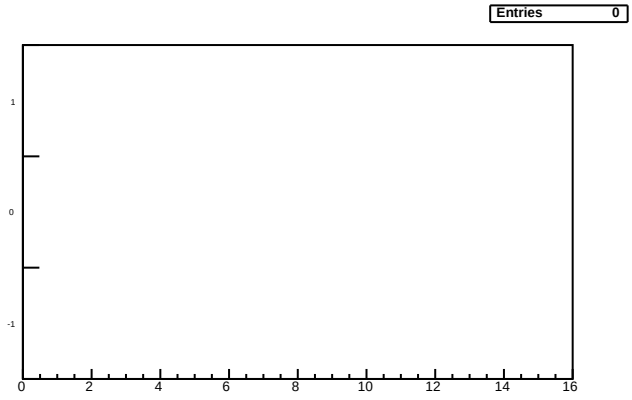

Unused (ch2)
Entries 1.098683e+07

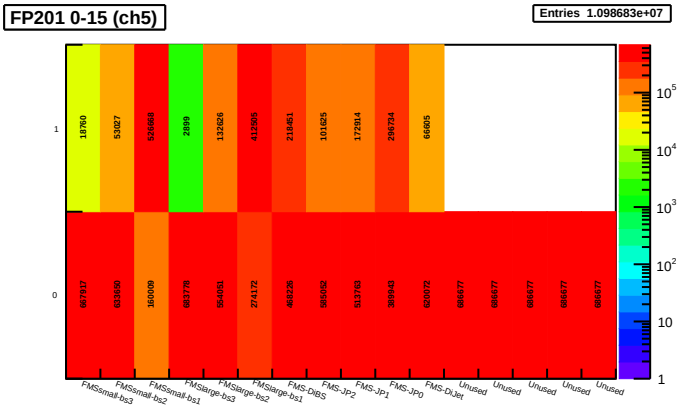

Entries 0

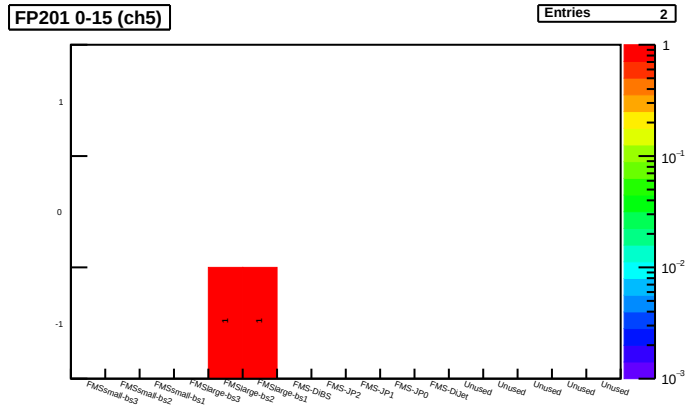

EM201 0-15 (ch3)
Entries 1.098683e+07
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

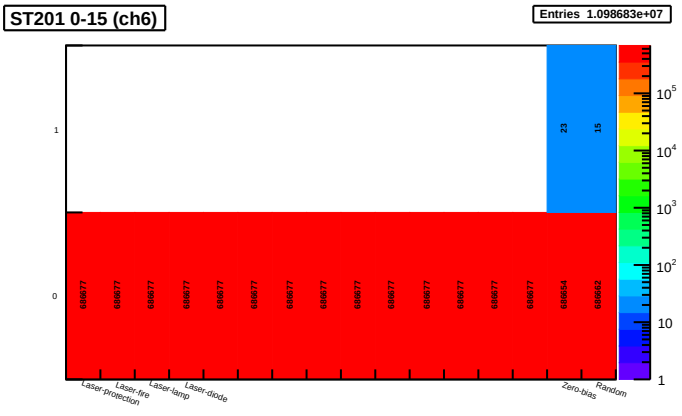

EM201 0-15 (ch3)
Entries 2103202
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

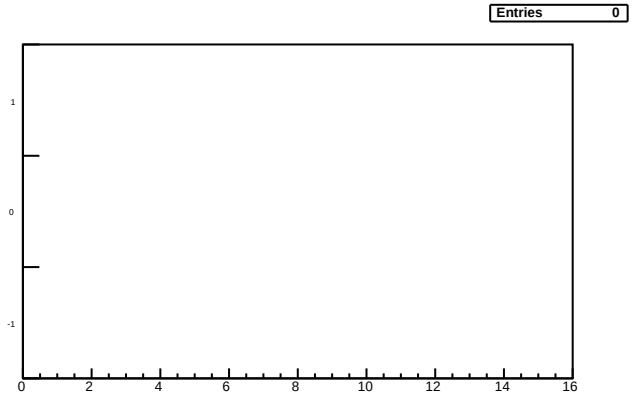

RAT board (ch4)
Entries 1.098683e+07
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

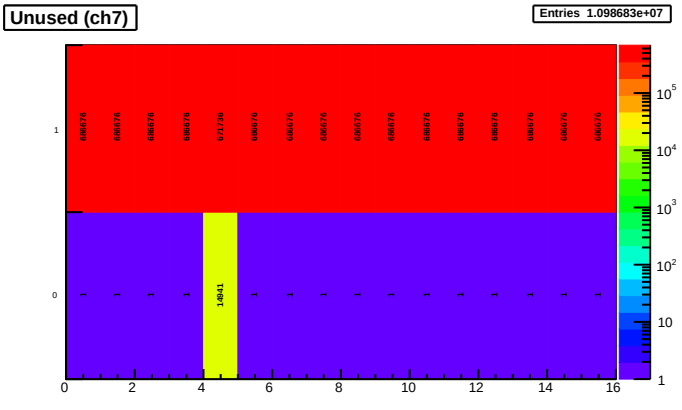

Entries 0

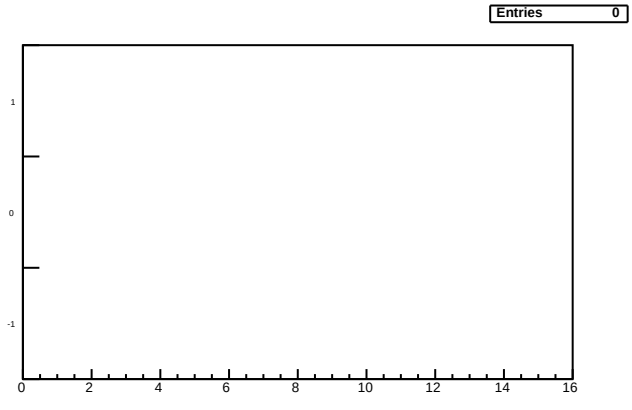

FP201 0-15 (ch5)
Entries 1.098683e+07
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


FP201 0-15 (ch5)
Entries 2
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 1.098683e+07
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bas
Random


Entries 0


Unused (ch7)
Entries 1.098683e+07


Entries 0