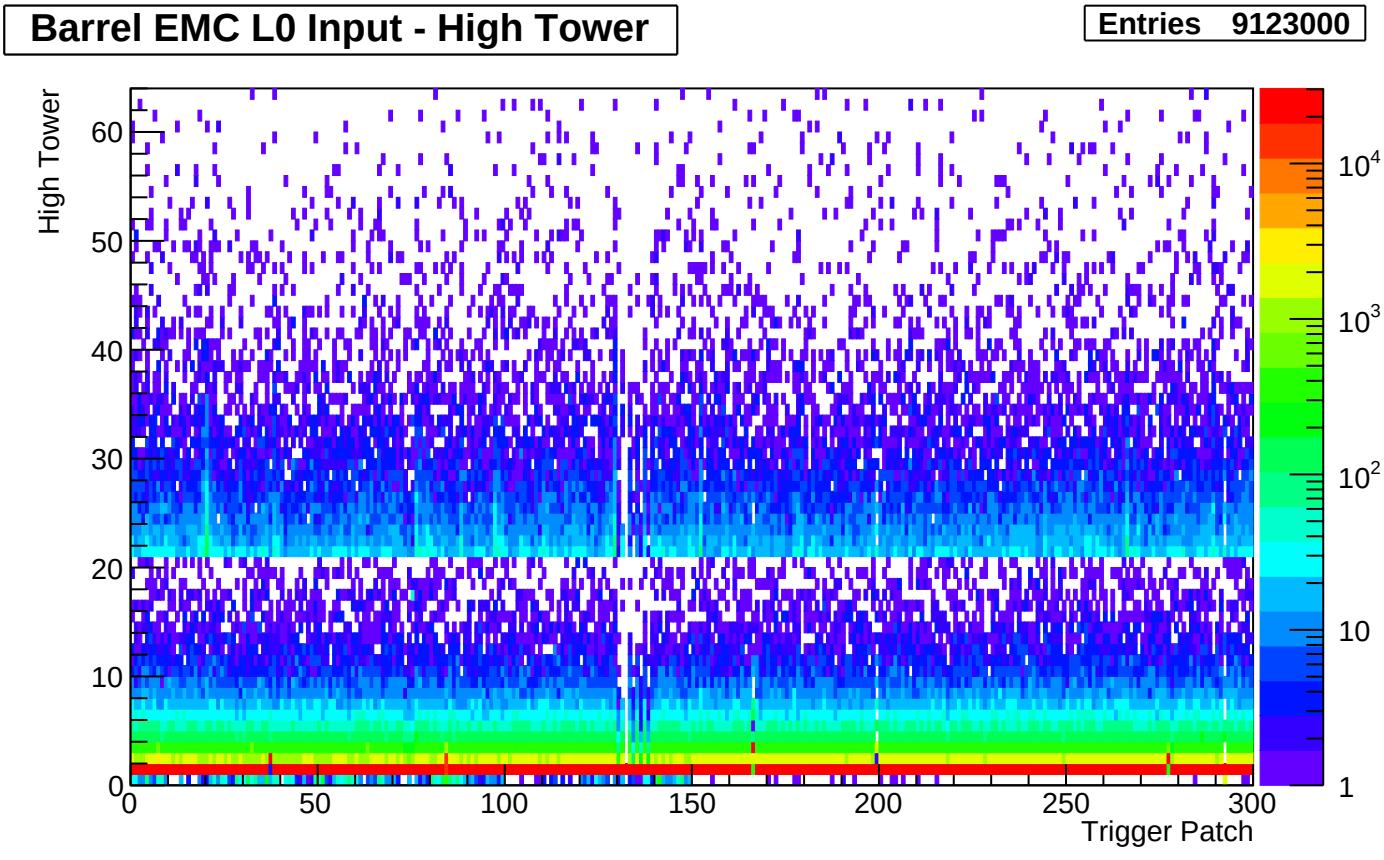
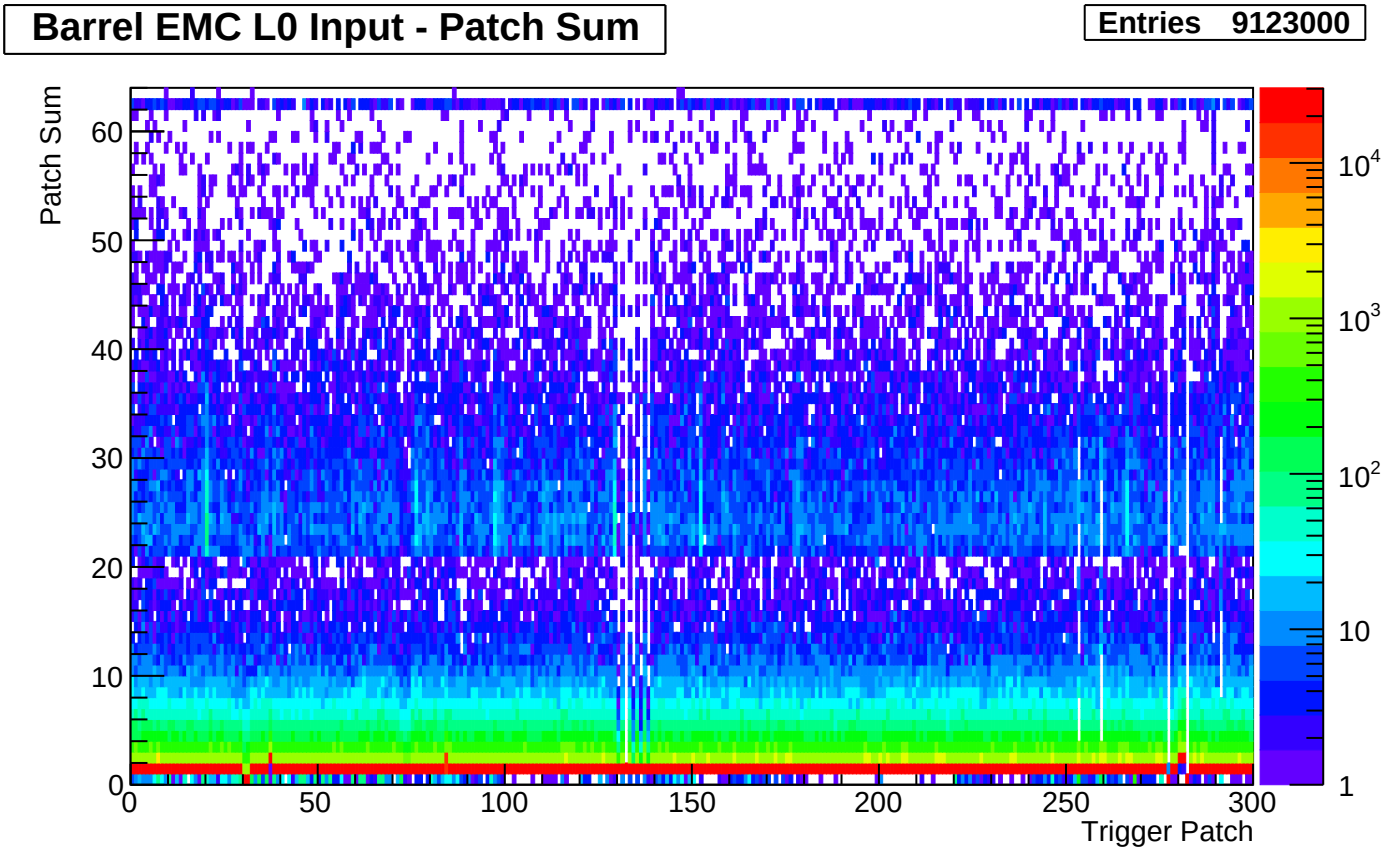
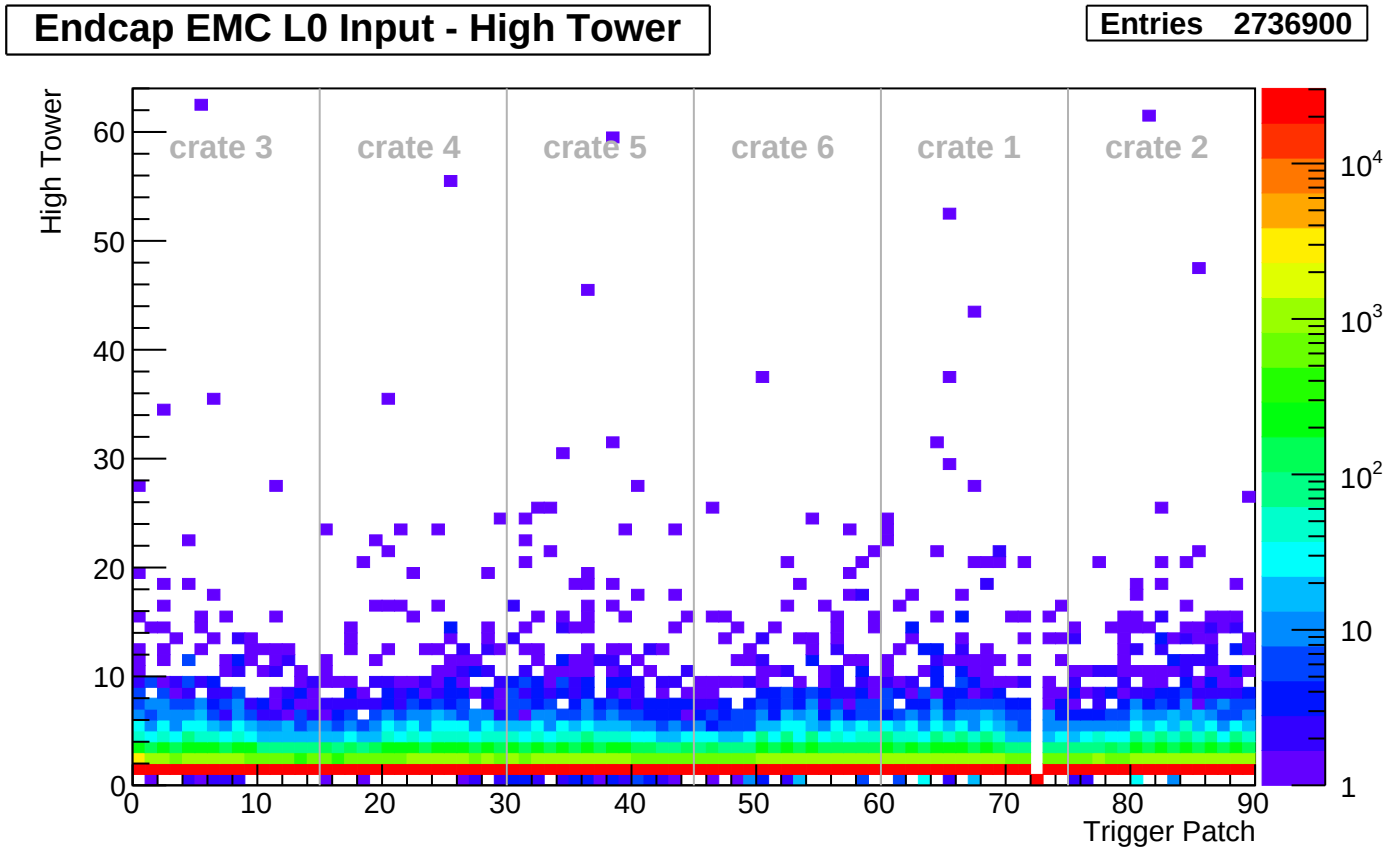
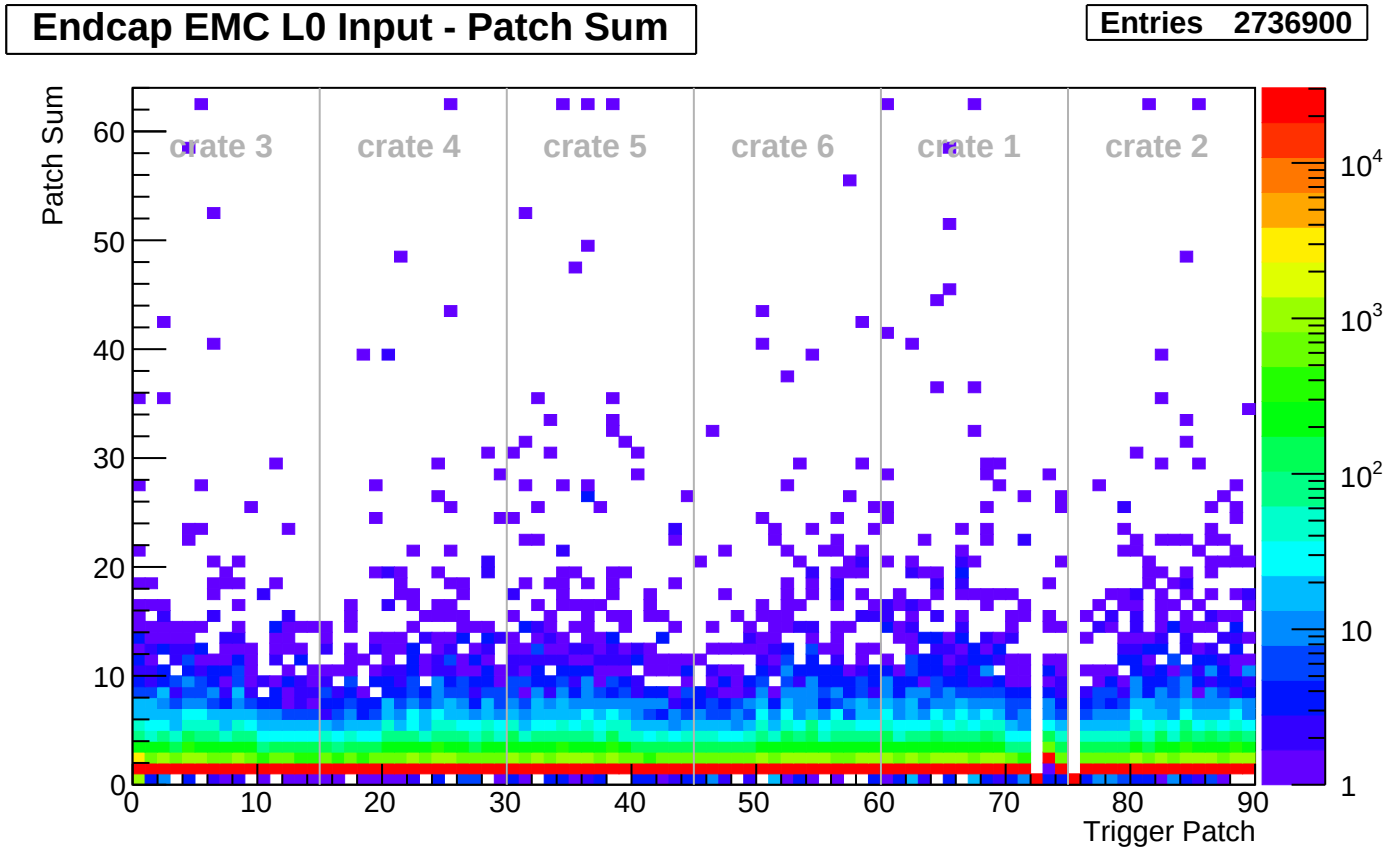
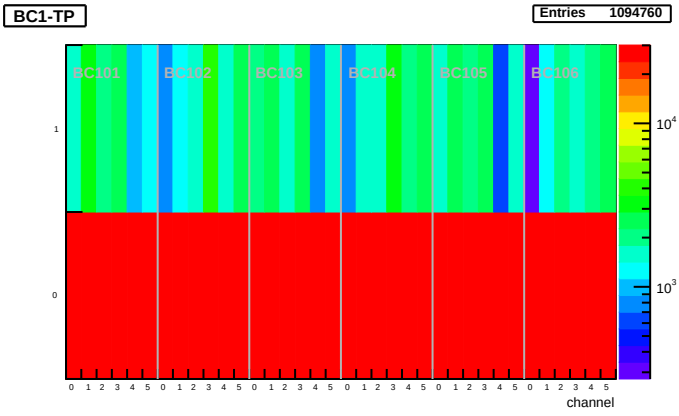
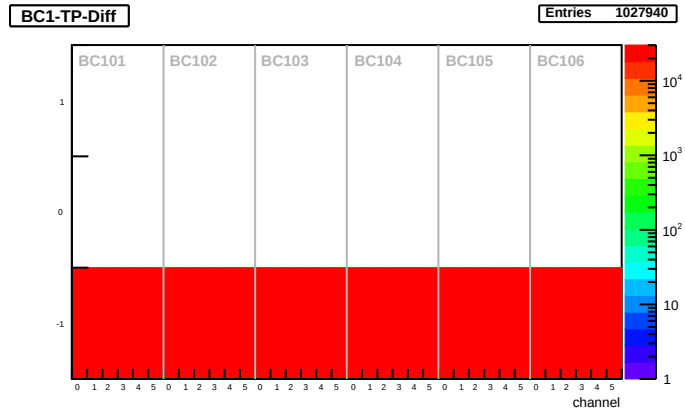

Barrel EMC L0 Input - High Tower
Entries 9123000
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

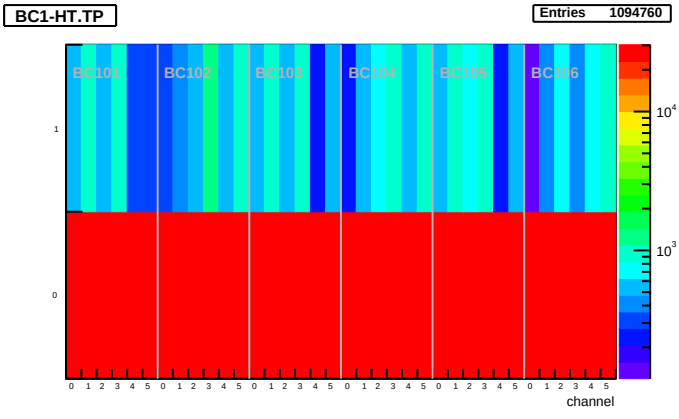

Barrel EMC L0 Input - Patch Sum
Entries 9123000
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

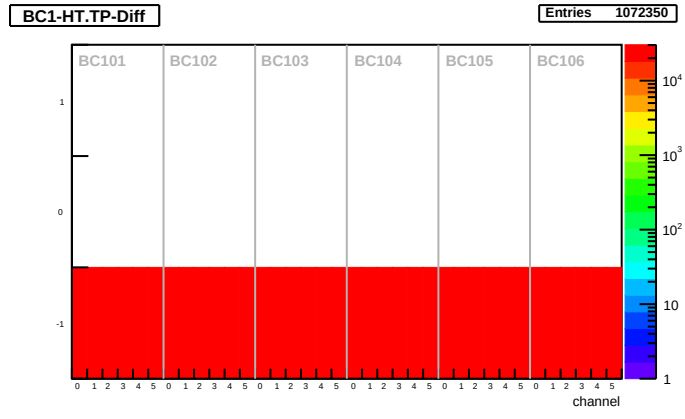

Endcap EMC L0 Input - High Tower
Entries 2736900
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

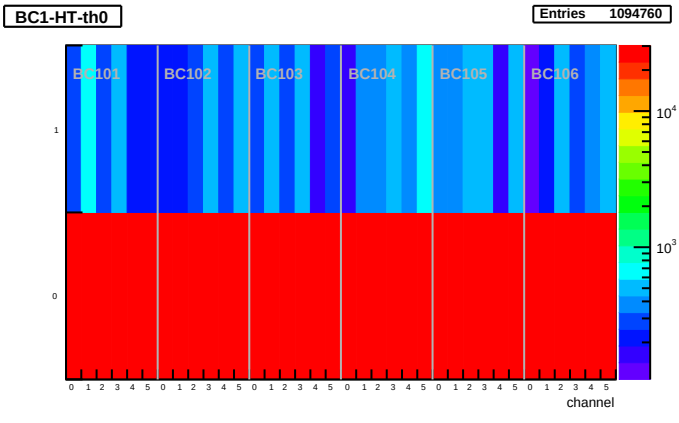

Endcap EMC L0 Input - Patch Sum
Entries 2736900
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

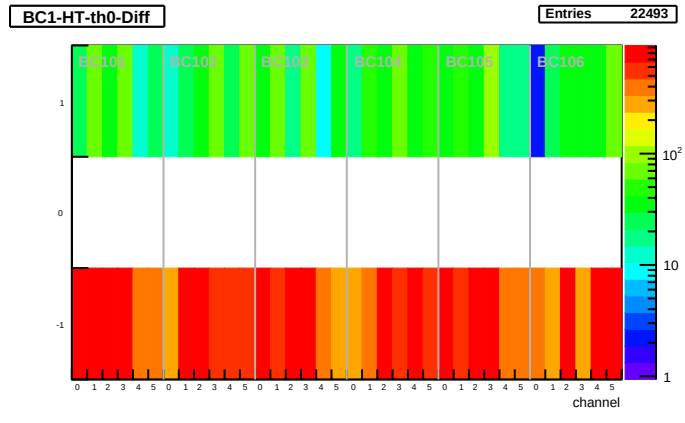

BC1-TP
Entries 1094760
BC101
BC102
BC103
BC104
BC105
BC106
channel

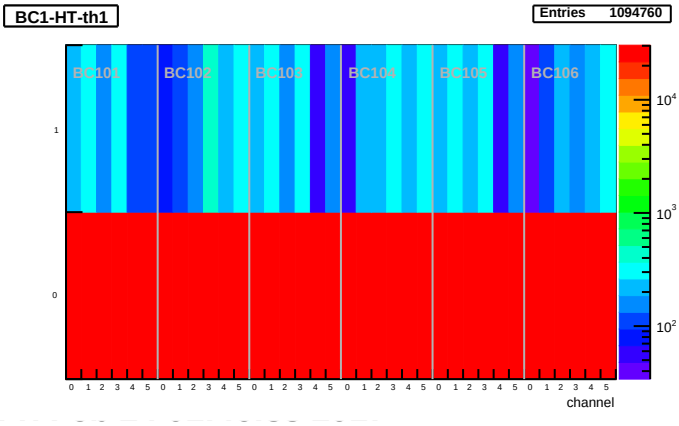

BC1-TP-Diff
Entries 1027940
BC101
BC102
BC103
BC104
BC105
BC106
channel

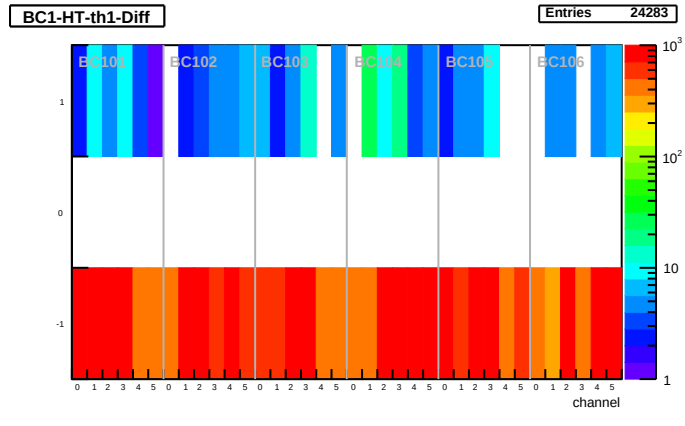

BC1-HT.TP
Entries 1094760
BC101
BC102
BC103
BC104
BC105
BC106
channel

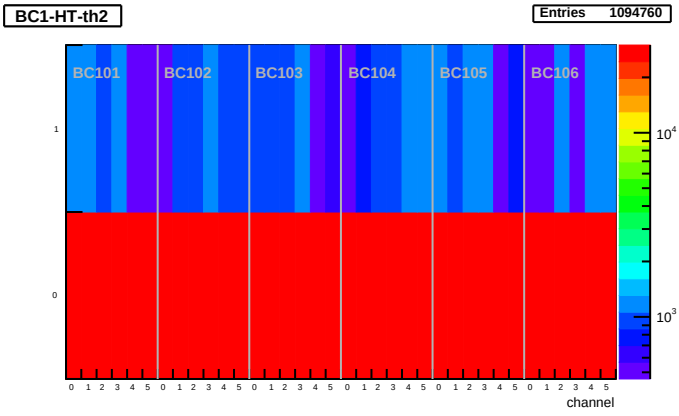

BC1-HT.TP-Diff
Entries 1072350
BC101
BC102
BC103
BC104
BC105
BC106
channel

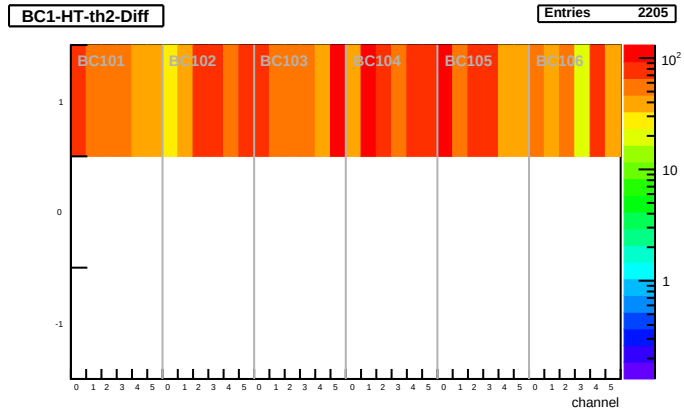

BC1-HT-th0
Entries 1094760
BC101
BC102
BC103
BC104
BC105
BC106
channel

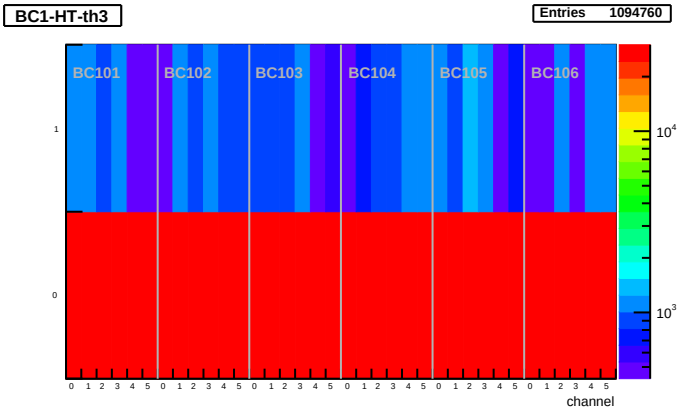

BC1-HT-th0-Diff
Entries 22493
BC101
BC102
BC103
BC104
BC105
BC106
channel

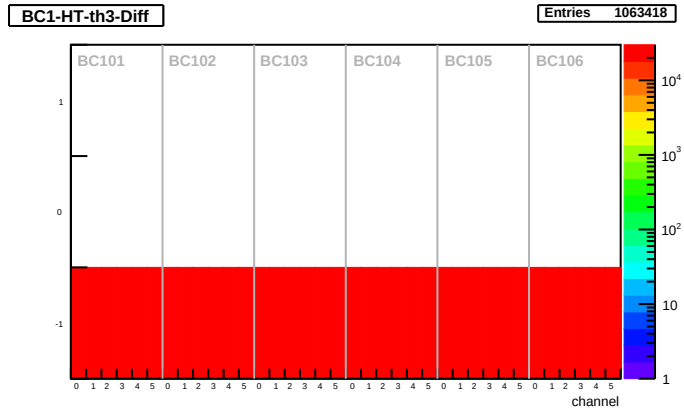

BC1-HT-th1
Entries 1094760
BC101
BC102
BC103
BC104
BC105
BC106
channel

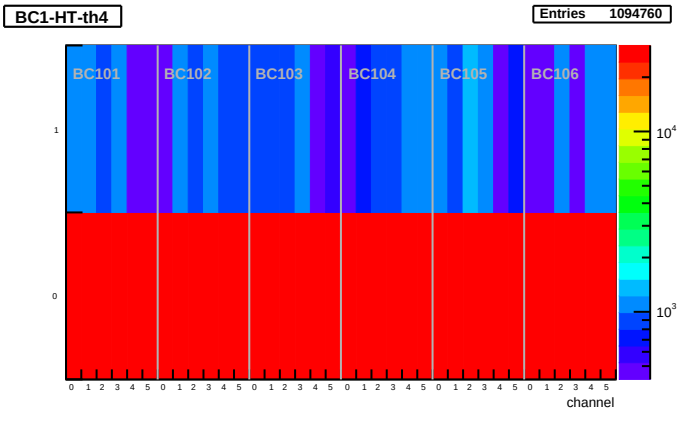

BC1-HT-th1-Diff
Entries 24283
BC101
BC102
BC103
BC104
BC105
BC106
channel

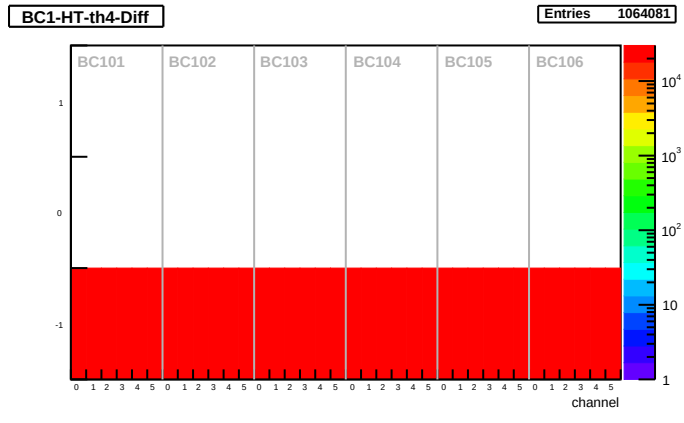

BC1-HT-th2
Entries 1094760
BC101
BC102
BC103
BC104
BC105
BC106
channel

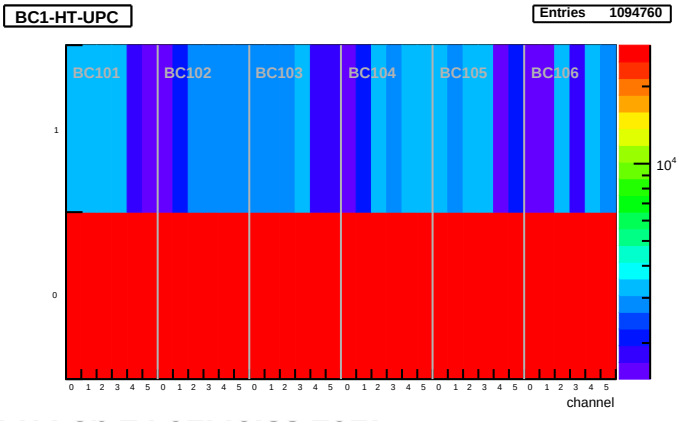

BC1-HT-th2-Diff
Entries 2205
BC101
BC102
BC103
BC104
BC105
BC106
channel

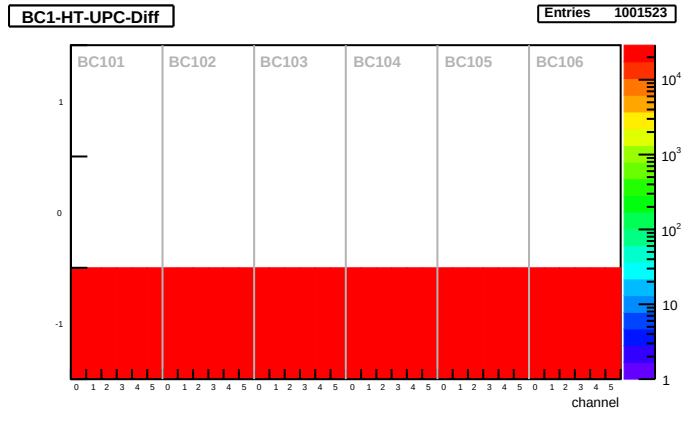

BC1-HT-th3
Entries 1094760
BC101
BC102
BC103
BC104
BC105
BC106
channel

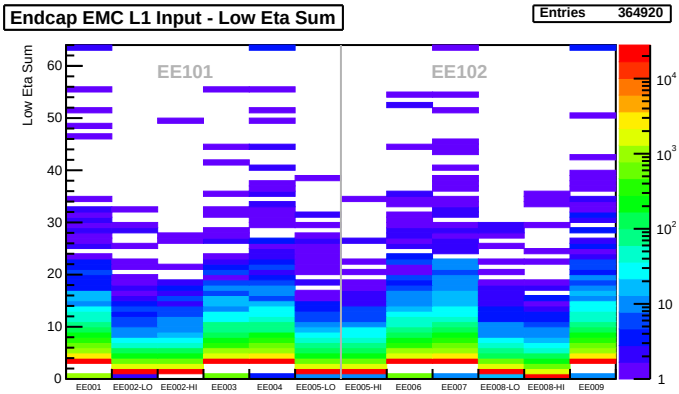

BC1-HT-th3-Diff
Entries 1063418
BC101
BC102
BC103
BC104
BC105
BC106
channel

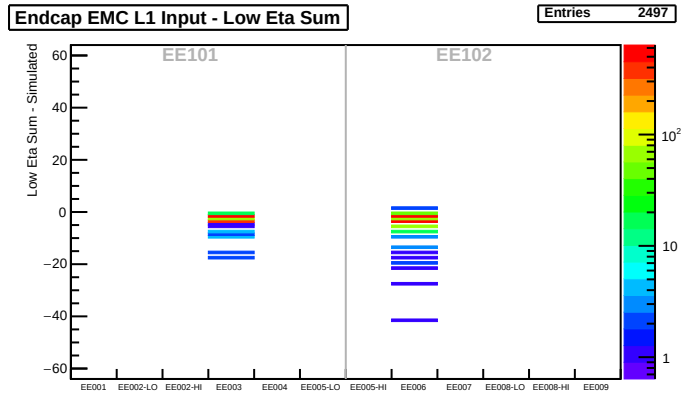

BC1-HT-th4
Entries 1094760
BC101
BC102
BC103
BC104
BC105
BC106
channel

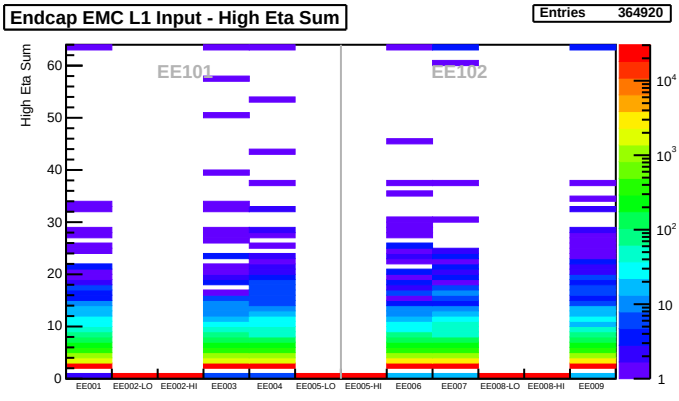

BC1-HT-th4-Diff
Entries 1064081
BC101
BC102
BC103
BC104
BC105
BC106
channel

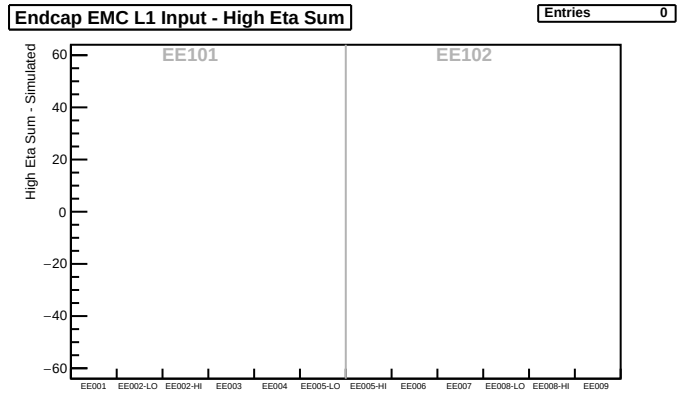

BC1-HT-UPC
Entries 1094760
BC101
BC102
BC103
BC104
BC105
BC106
channel

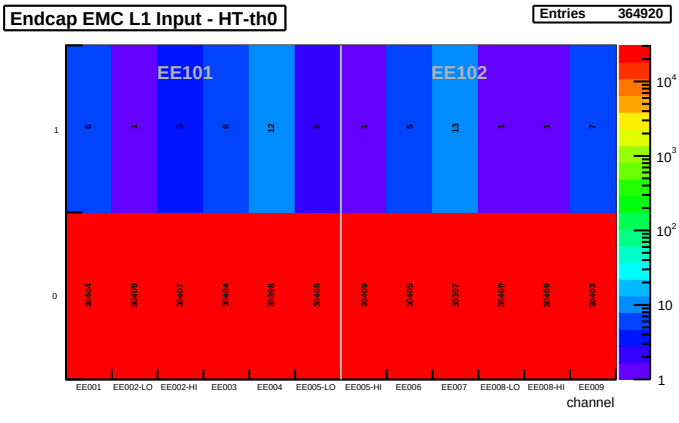

BC1-HT-UPC-Diff
Entries 1001523
BC101
BC102
BC103
BC104
BC105
BC106
channel

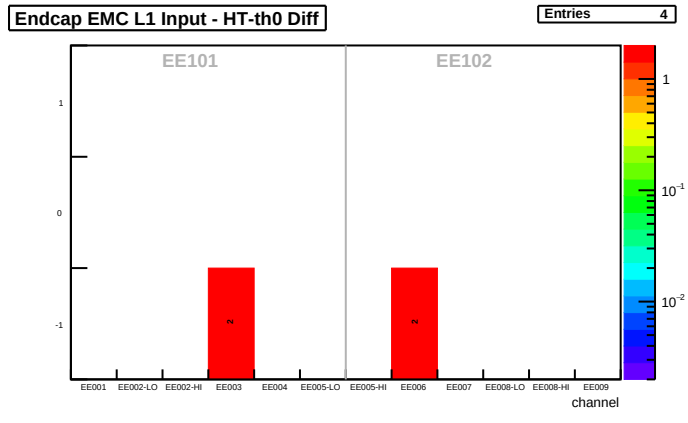

Endcap EMC L1 Input - Low Eta Sum
Entries 364920
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

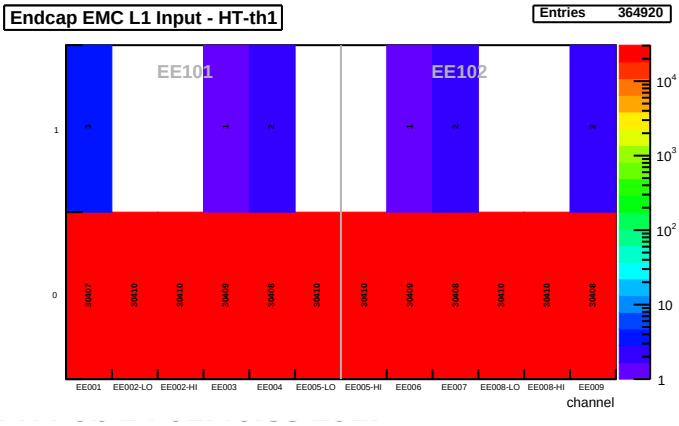

Endcap EMC L1 Input - Low Eta Sum
Entries 2497
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

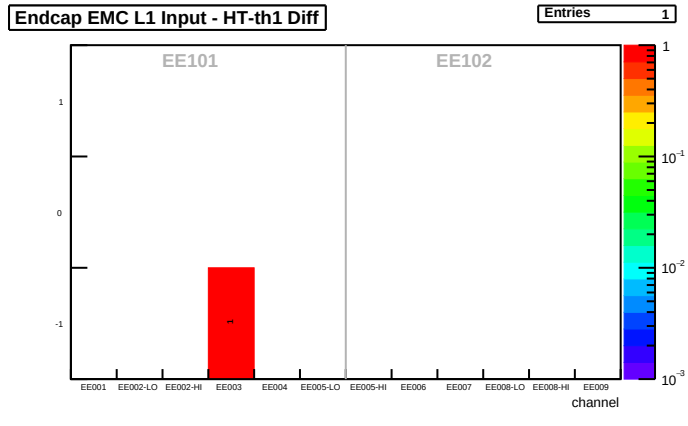

Endcap EMC L1 Input - High Eta Sum
Entries 364920
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

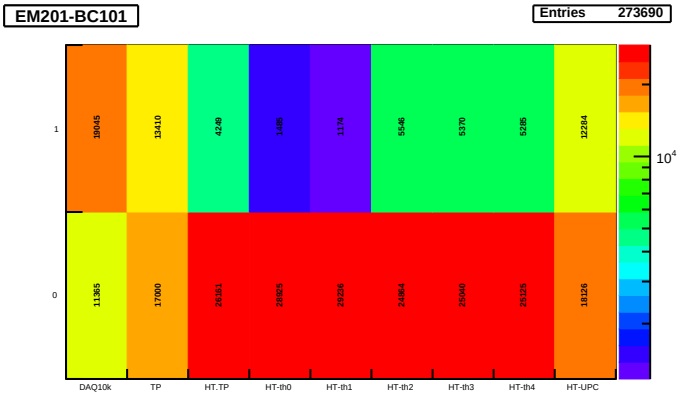

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

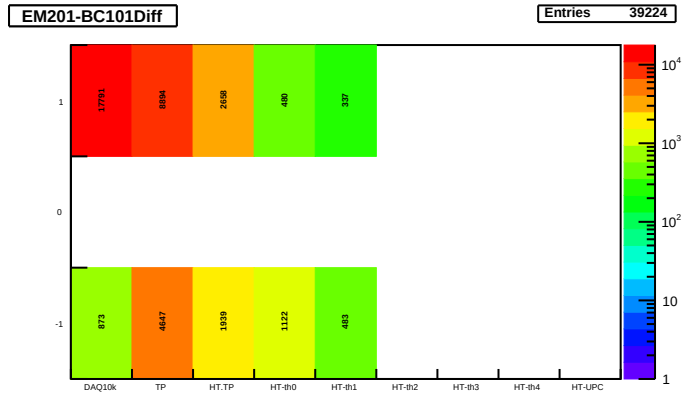

Endcap EMC L1 Input - HT-th0
Entries 364920
EE101
EE102
channel

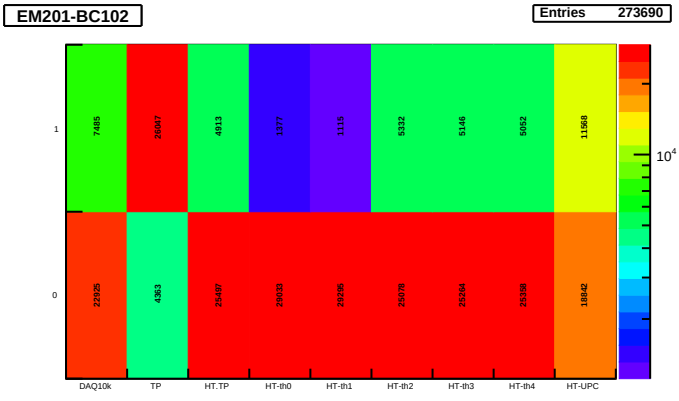

Endcap EMC L1 Input - HT-th0 Diff
Entries 4
EE101
EE102
channel

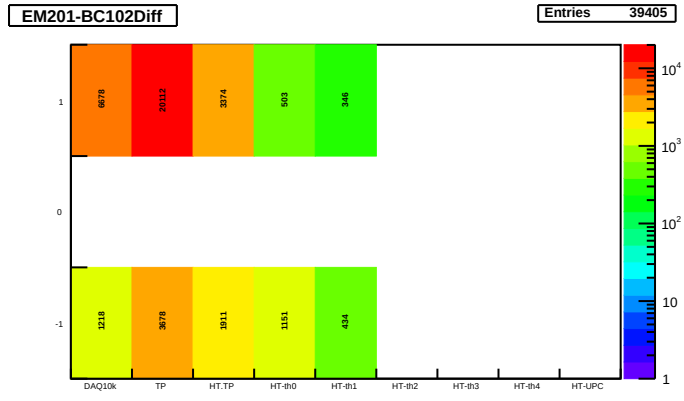

Endcap EMC L1 Input - HT-th1
Entries 364920
EE101
EE102
channel

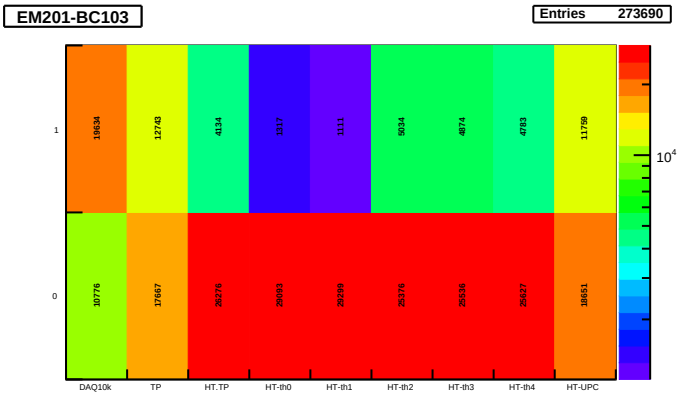

Endcap EMC L1 Input - HT-th1 Diff
Entries 1
EE101
EE102
channel

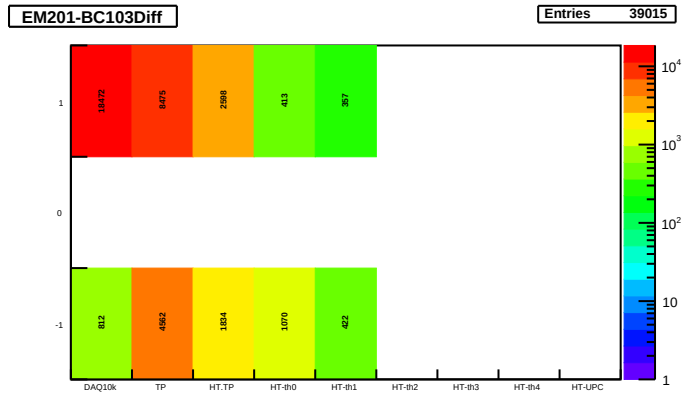

EM201-BC101
Entries 273690
1
0
19045
13410
4249
1485
1174
5546
5370
5285
12284
11365
17000
26161
28925
29226
24864
25040
25125
18126
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4

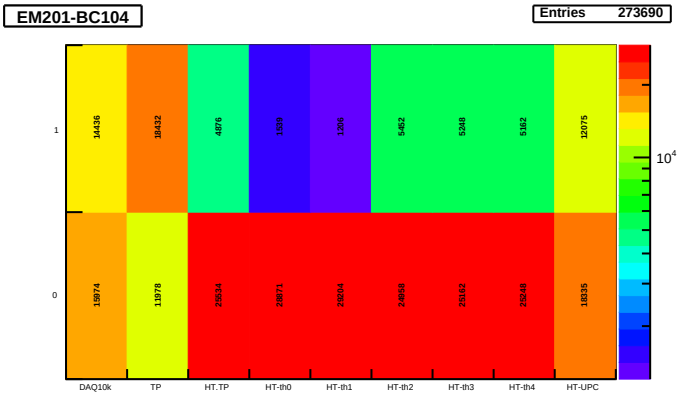

EM201-BC101Diff
Entries 39224
1
0
-1
17791
8894
2658
480
337
873
4647
1939
1122
483
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

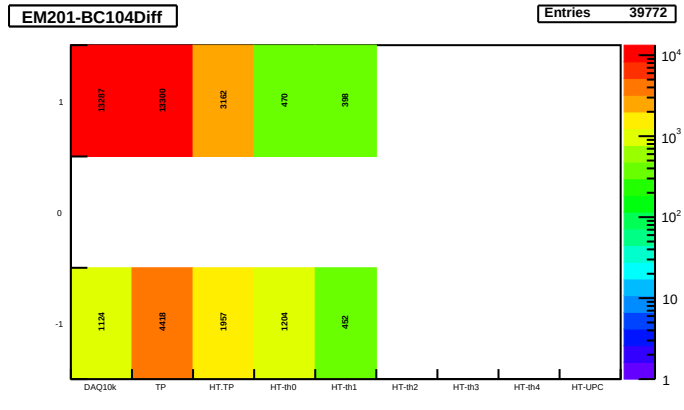

EM201-BC102
Entries 273690
1
0
7485
26047
4913
1377
1115
5332
5146
5052
11568
22925
4353
25497
29033
29295
25078
25264
25398
18042
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4


EM201-BC102Diff
Entries 39405
1
0
-1
6678
20112
3274
503
346
1218
3678
1911
1151
434
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

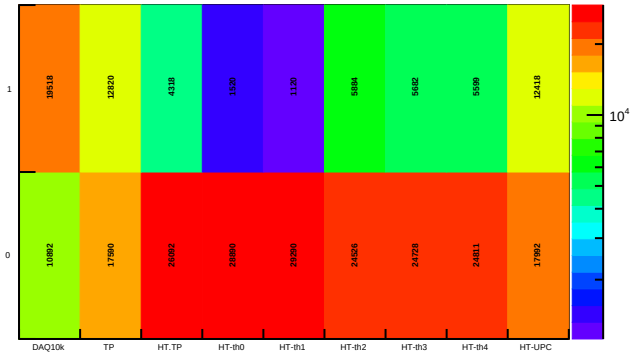

EM201-BC103
Entries 273690
1
0
19634
12743
4134
1317
1111
5034
4874
4783
11759
10776
17667
26276
29093
29299
25376
25536
25627
18651
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4


EM201-BC103Diff
Entries 39015
1
0
-1
18472
8475
2988
413
357
812
4562
1824
1070
422
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

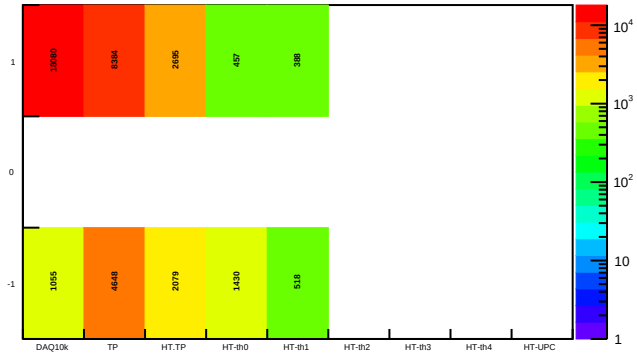

EM201-BC104
Entries 273690
1
0
14436
18432
4876
1539
1206
5462
5248
5162
12075
13974
11978
26534
28871
29204
24958
25162
25248
18335
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4


EM201-BC104Diff
Entries 39772
1
0
-1
13287
13300
3162
470
398
1134
4418
1957
1294
452
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

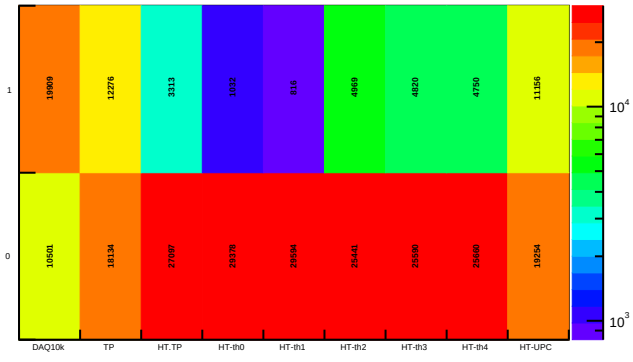
EM201-BC105 Entries 273690



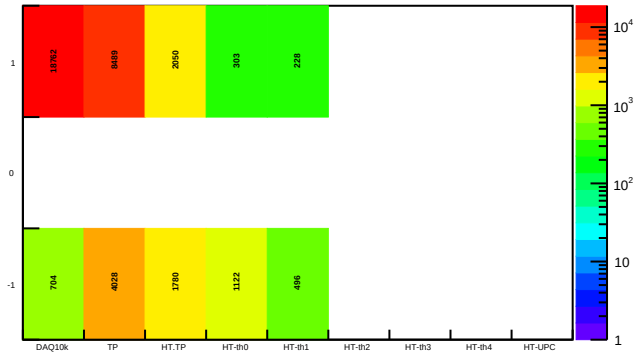
EM201-BC105Diff Entries 39734



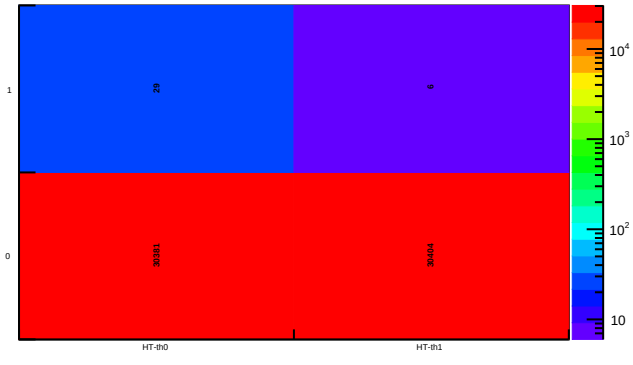
EM201-BC106 Entries 273690



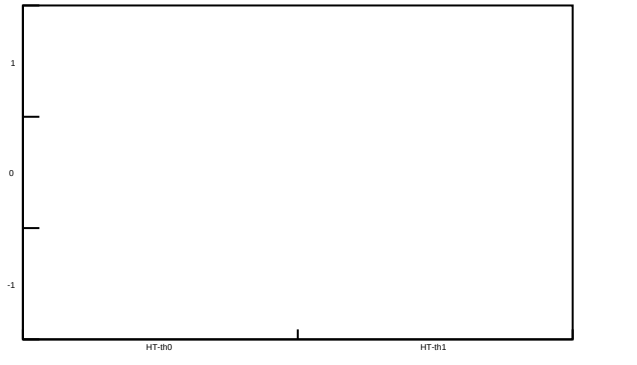
EM201-BC106Diff Entries 37962



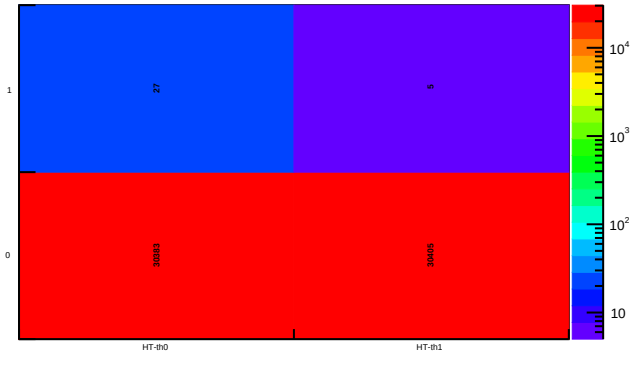
EM201-EE101 Entries 60820



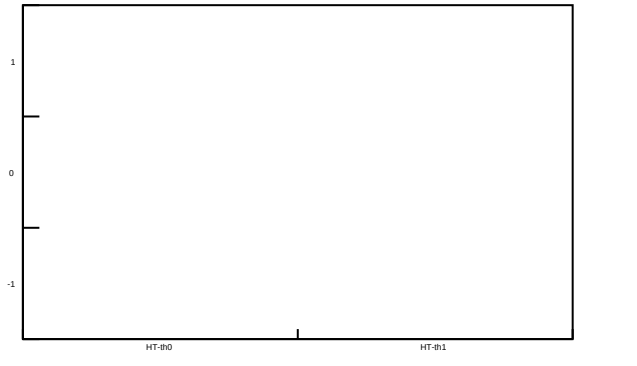
EM201-EE101Diff Entries 0

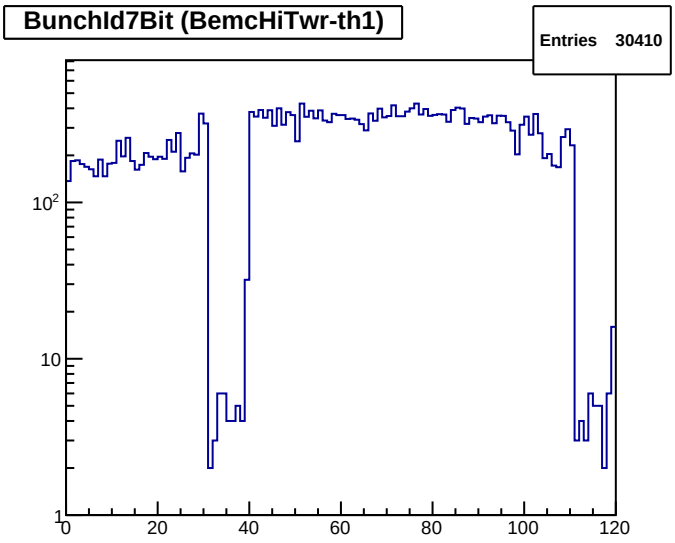


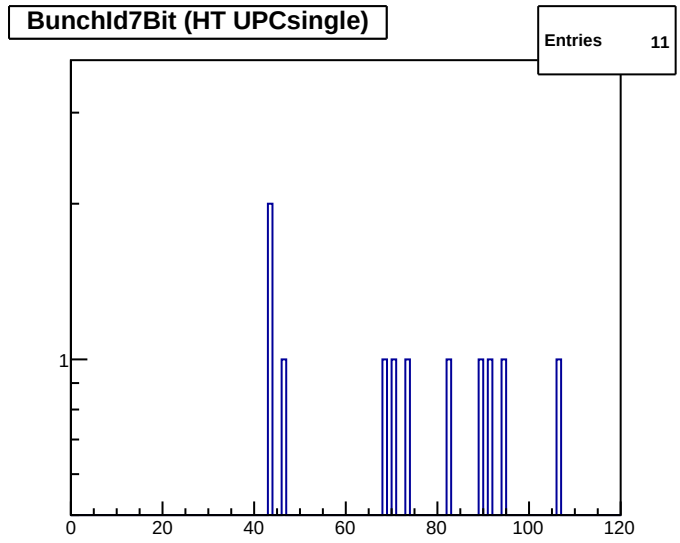
EM201-EE102 Entries 60820

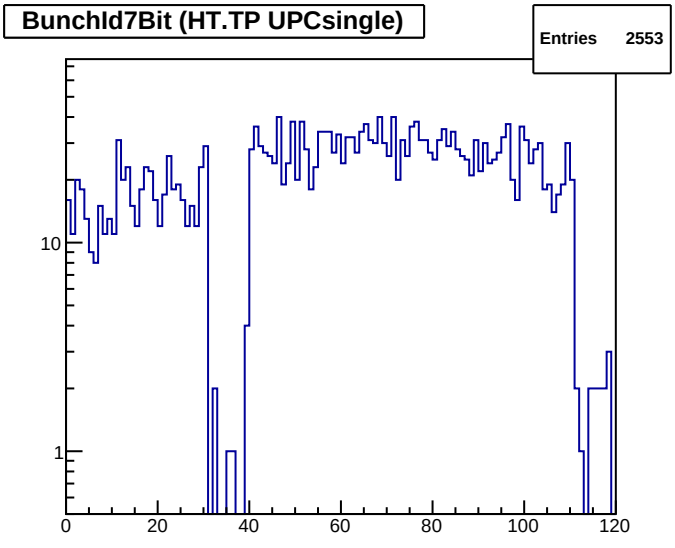


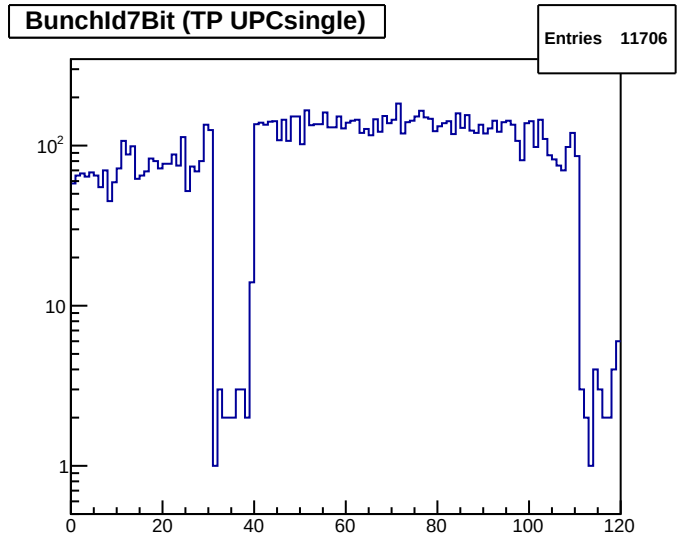
EM201-EE102Diff Entries 0

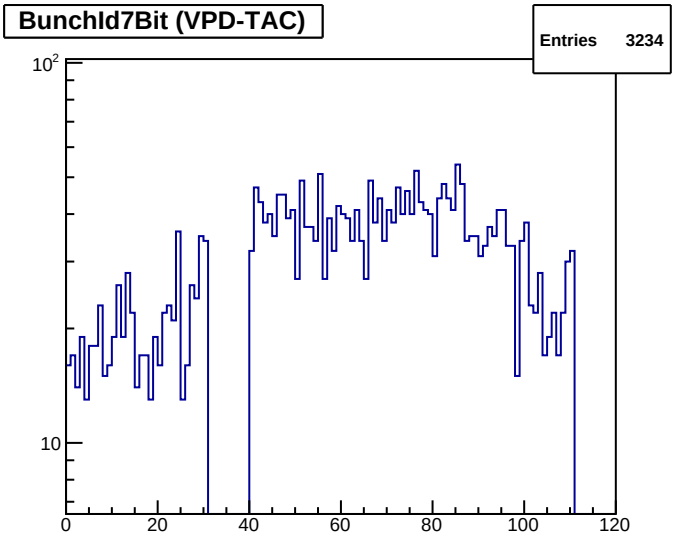


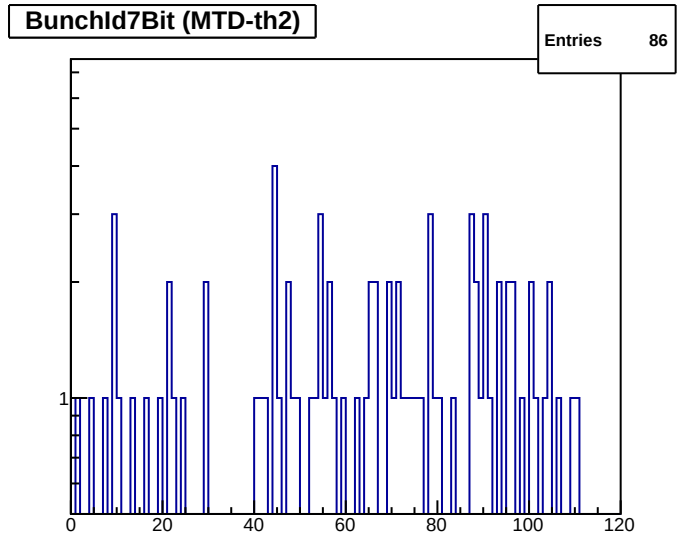

BunchId7Bit (BemcHiTwr-th1)
Entries 30410
10^2
10
1
0
20
40
60
80
100
120

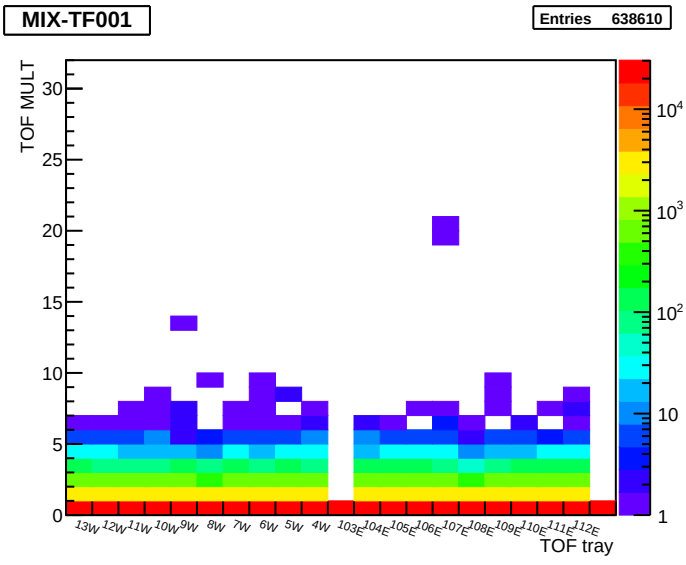

BunchId7Bit (HT UPCsingle)
Entries 11
1
0
20
40
60
80
100
120

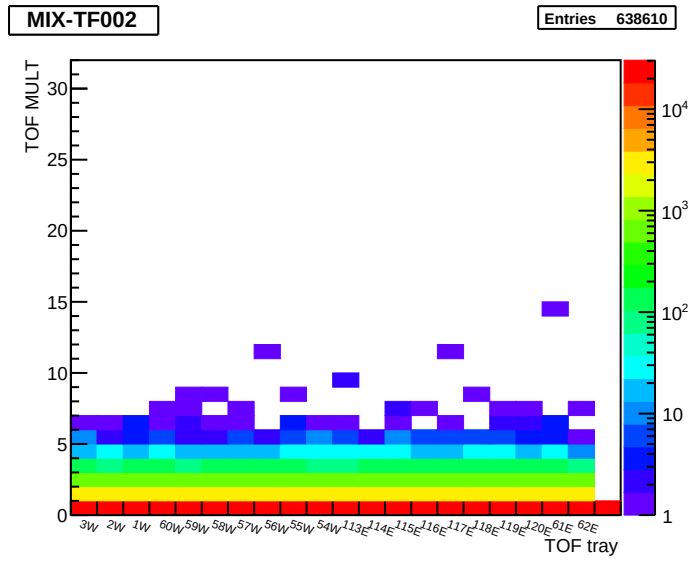

BunchId7Bit (HT.TP UPCsingle)
Entries 2553
10
1
0
20
40
60
80
100
120

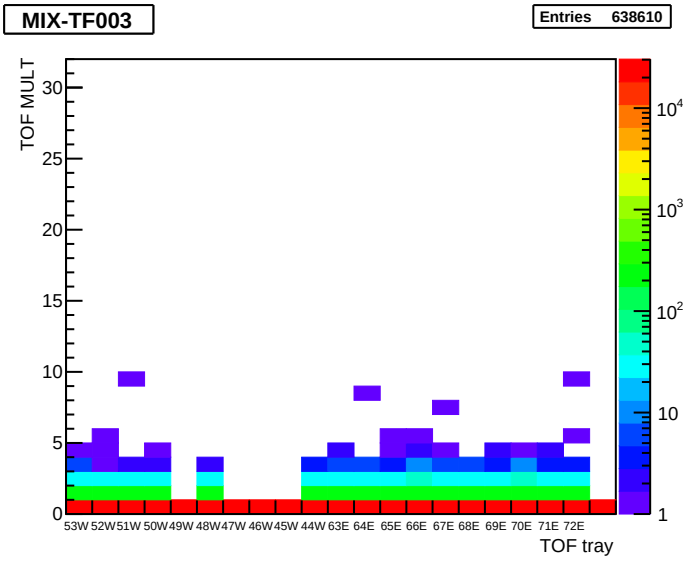

BunchId7Bit (TP UPCsingle)
Entries 11706
10^2
10
1
0
20
40
60
80
100
120

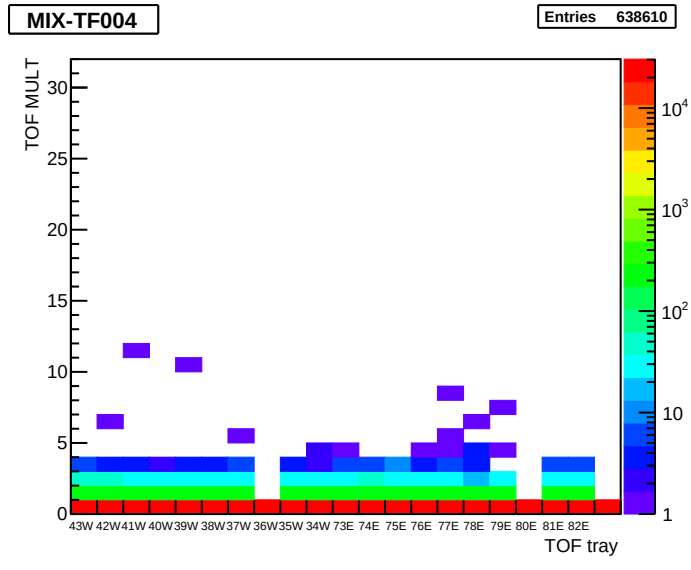

BunchId7Bit (VPD-TAC)
Entries 3234
10^2
10
0
20
40
60
80
100
120

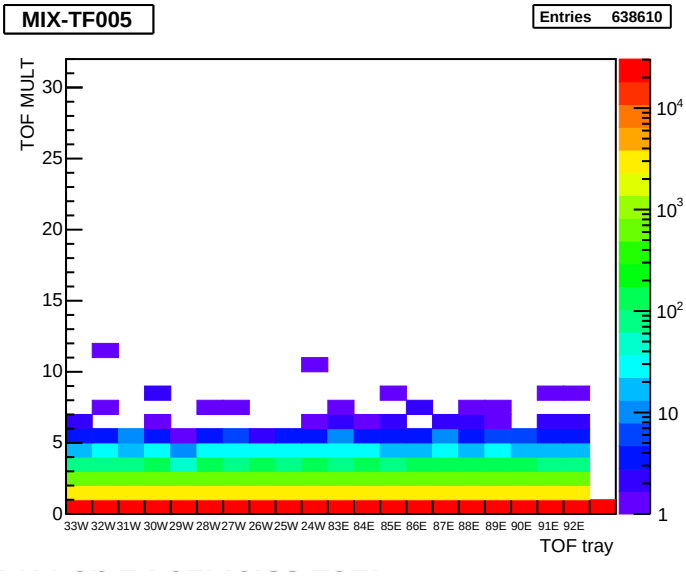

BunchId7Bit (MTD-th2)
Entries 86
1
0
20
40
60
80
100
120

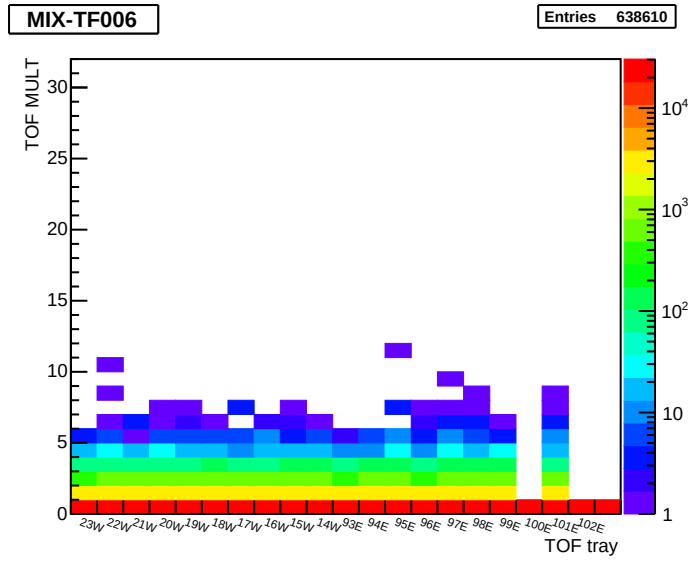

MIX-TF001
Entries 638610
TOF MULT
TOF tray

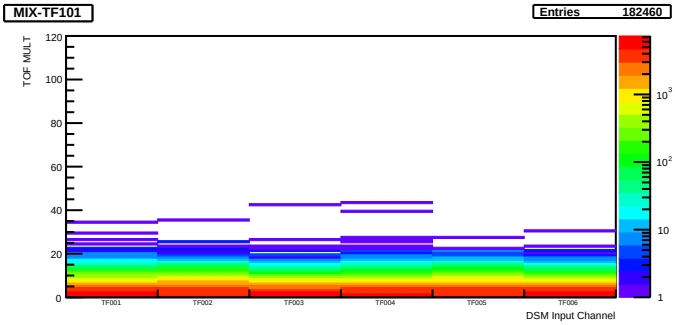

MIX-TF002
Entries 638610
TOF MULT
TOF tray

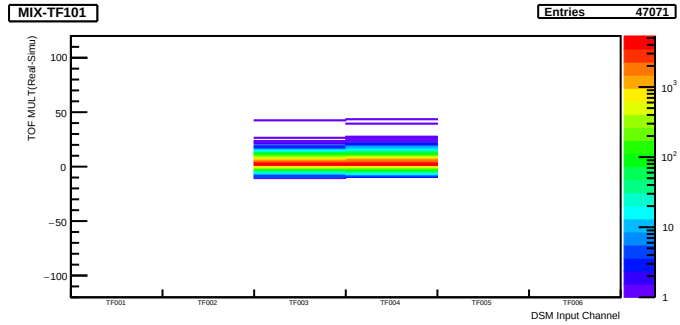

MIX-TF003
Entries 638610
TOF MULT
TOF tray

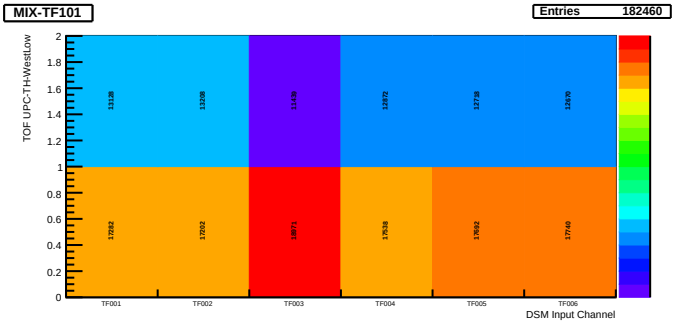

MIX-TF004
Entries 638610
TOF MULT
TOF tray

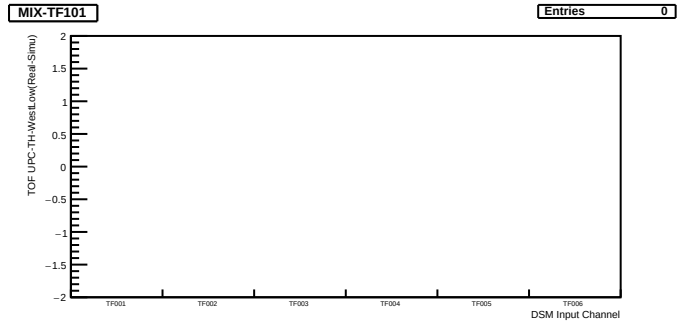

MIX-TF005
Entries 638610
TOF MULT
TOF tray

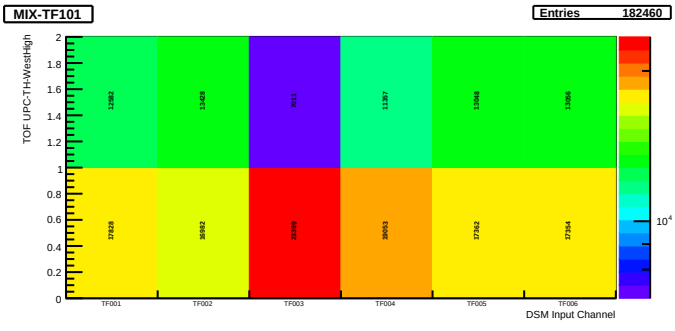

MIX-TF006
Entries 638610
TOF MULT
TOF tray

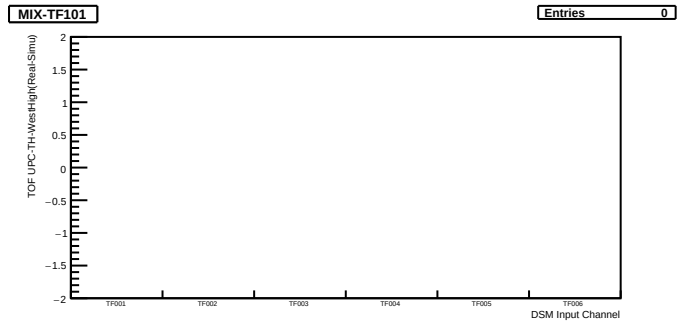

MIX-TF101
Entries 182460
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

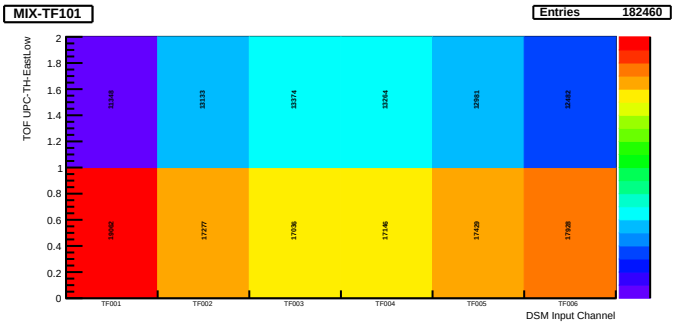

MIX-TF101
Entries 47071
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

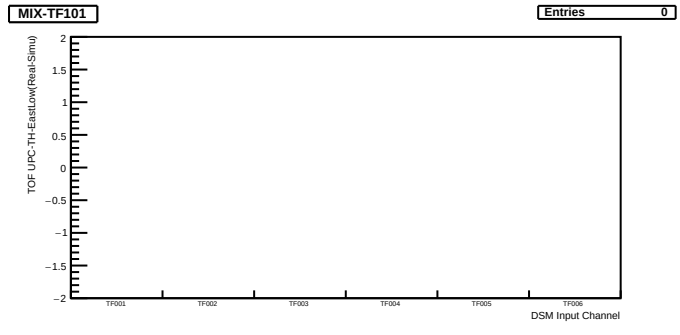

MIX-TF101
Entries 182460
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

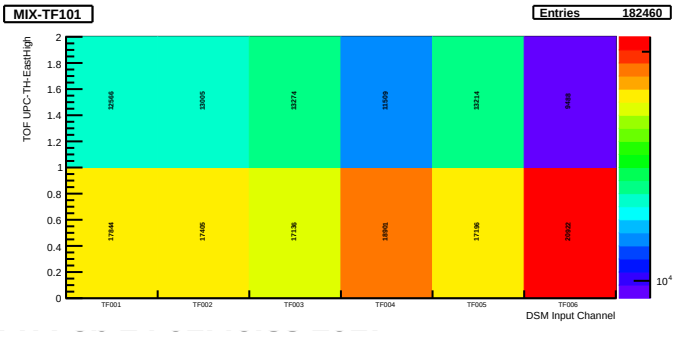

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

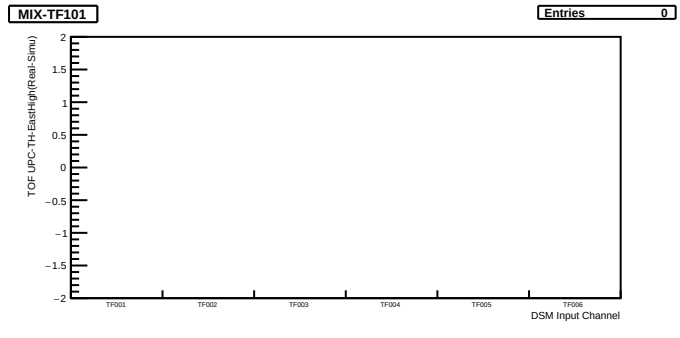

MIX-TF101
Entries 182460
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

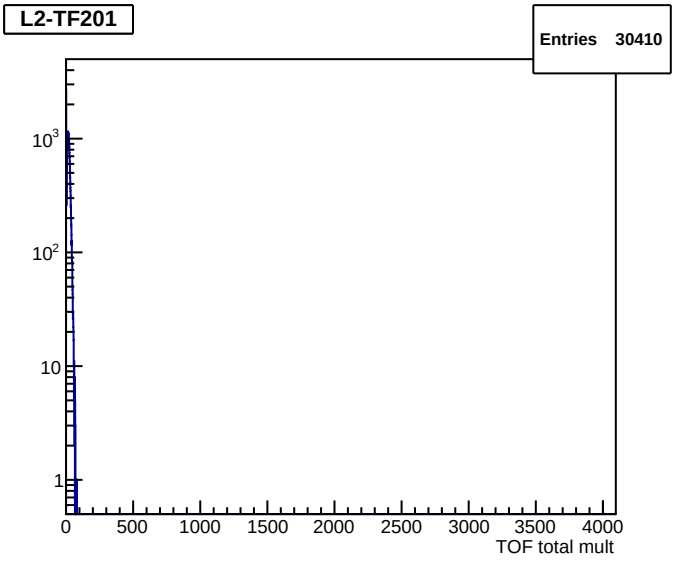

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

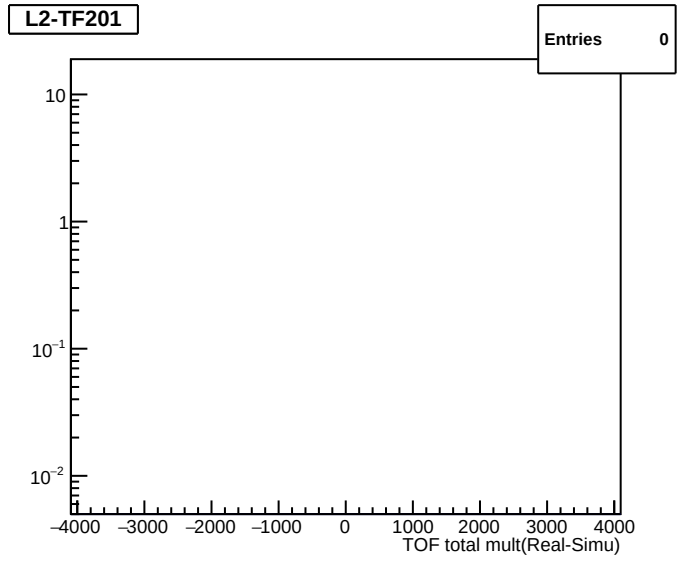

MIX-TF101
Entries 182460
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

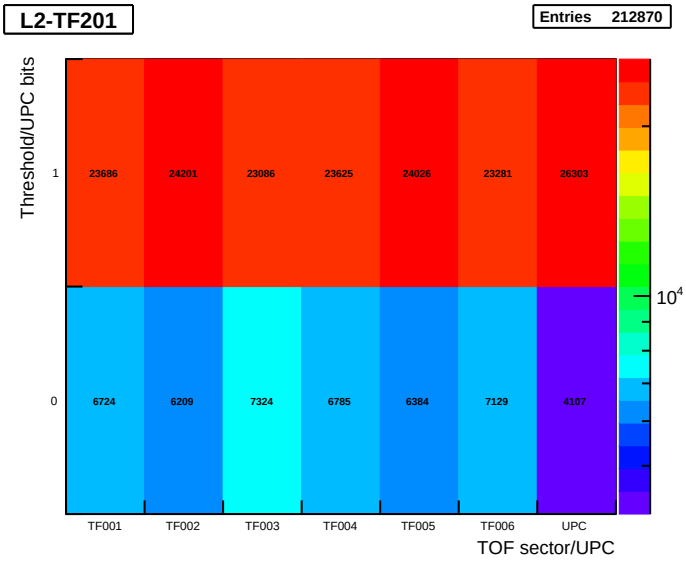

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

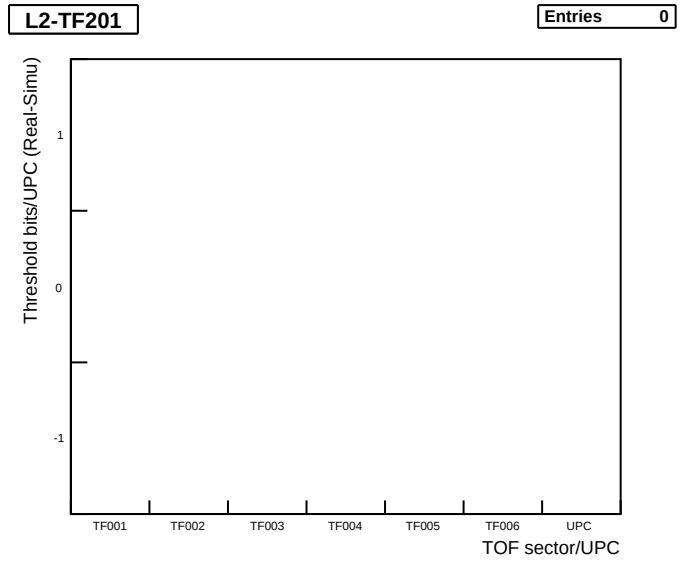

MIX-TF101
Entries 182460
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

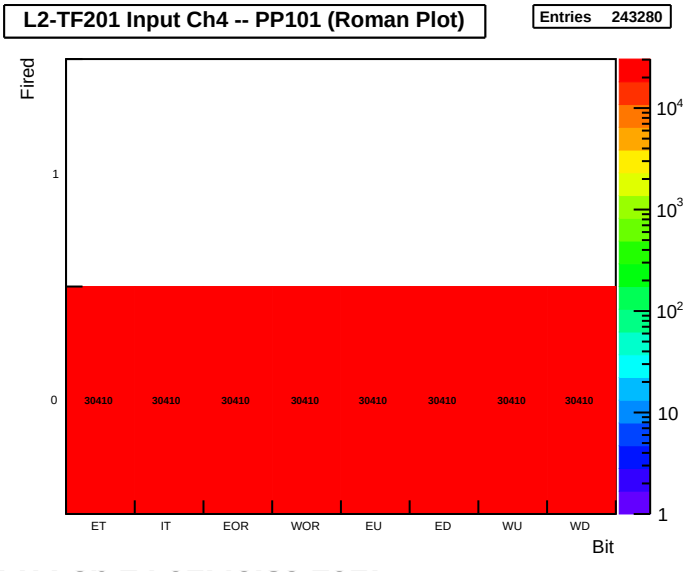

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

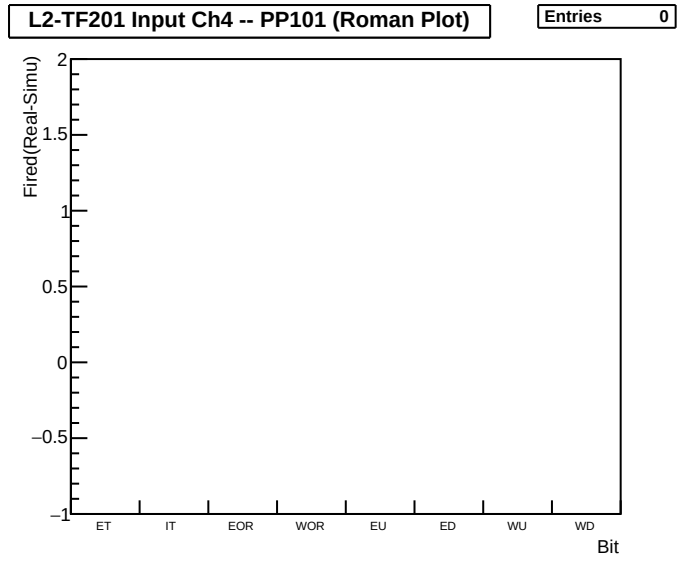

L2-TF201
Entries 30410
TOF total mult

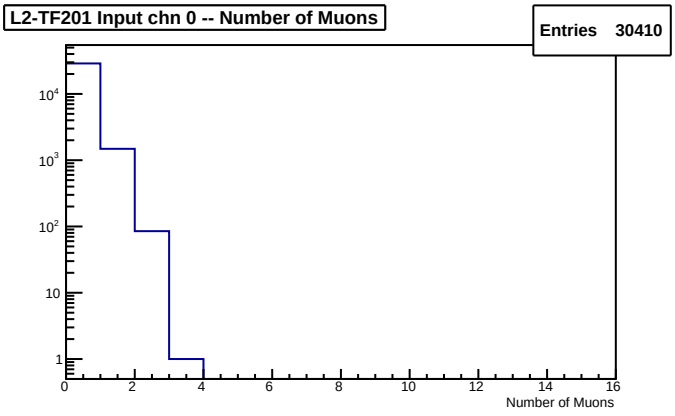

L2-TF201
Entries 0
TOF total mult(Real-Simu)

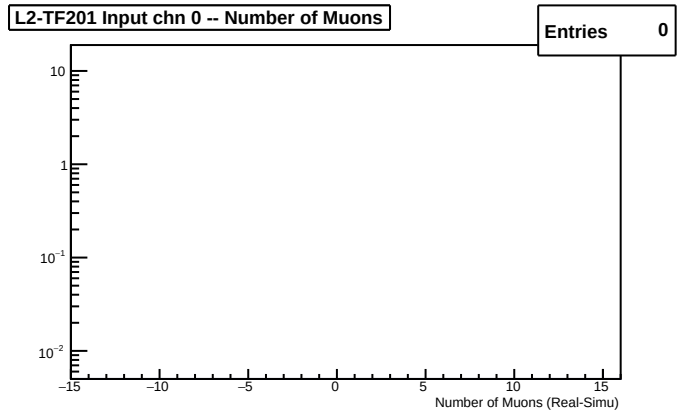

L2-TF201
Entries 212870
Threshold/UPC bits
23686
24201
23086
23625
24026
23281
26303
6724
6209
7324
6785
6384
7129
4107
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

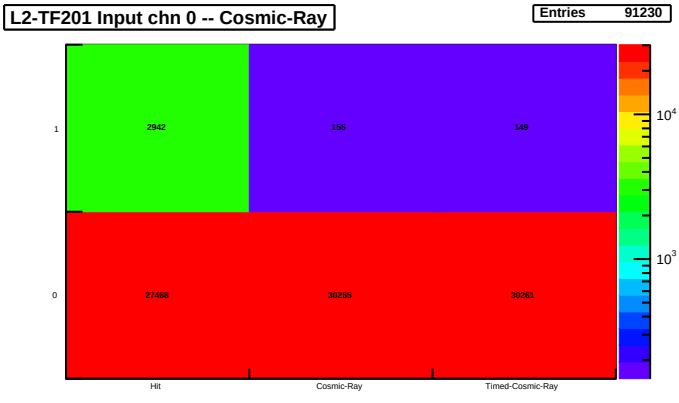

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

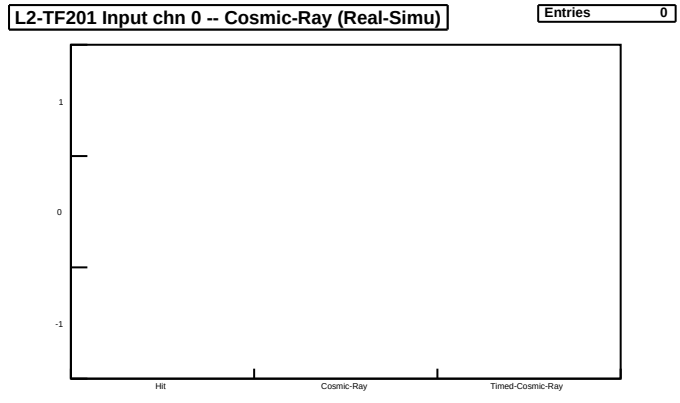

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 243280
Fired
30410
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

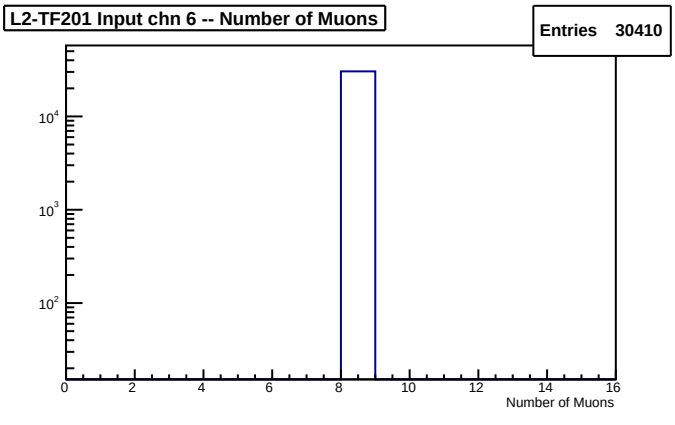

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

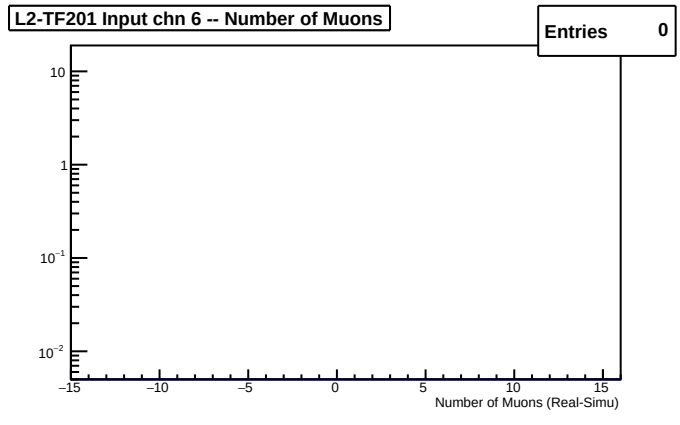

L2-TF201 Input chn 0 -- Number of Muons
Entries 30410
Number of Muons

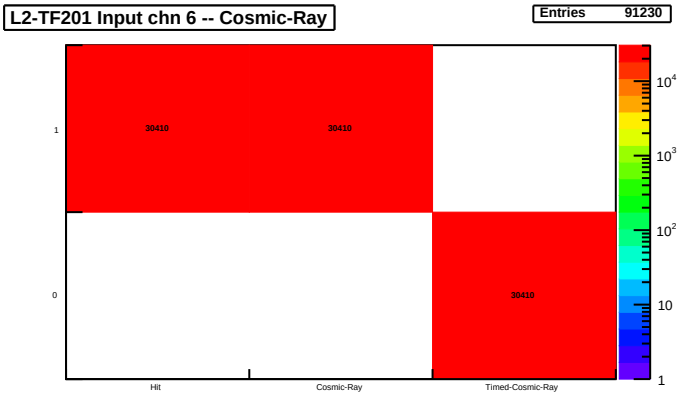

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

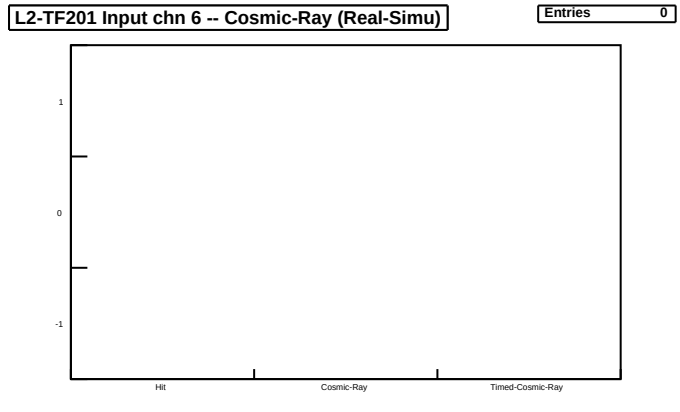

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 91230
2942
155
149
27468
30255
30261
Hit
Cosmic-Ray
Timed-Cosmic-Ray

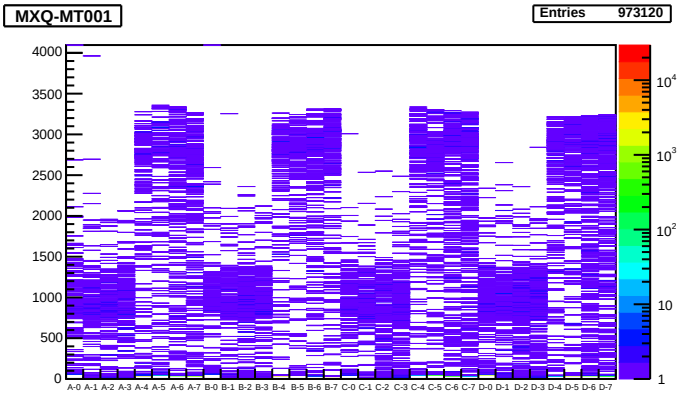

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

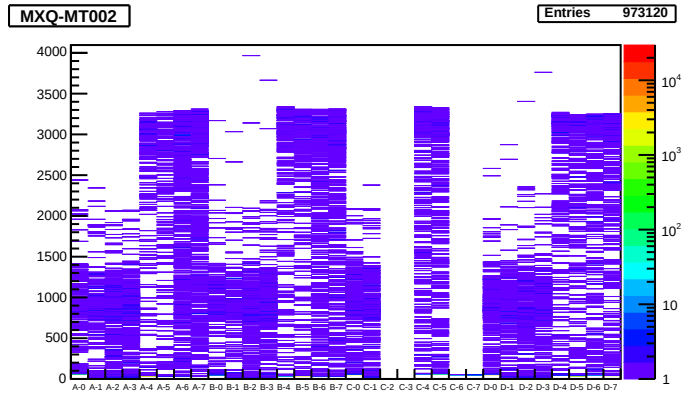

L2-TF201 Input chn 6 -- Number of Muons
Entries 30410
Number of Muons

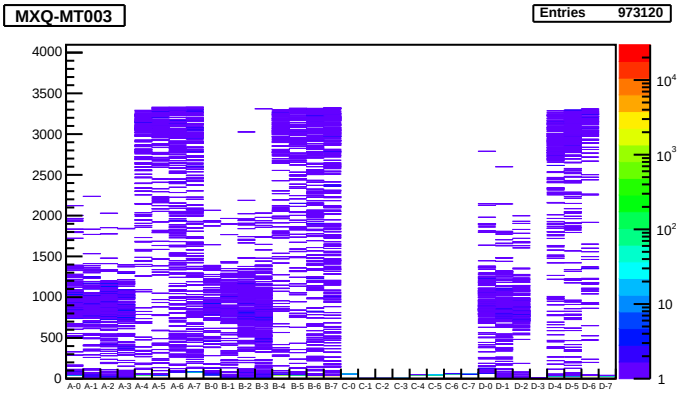

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

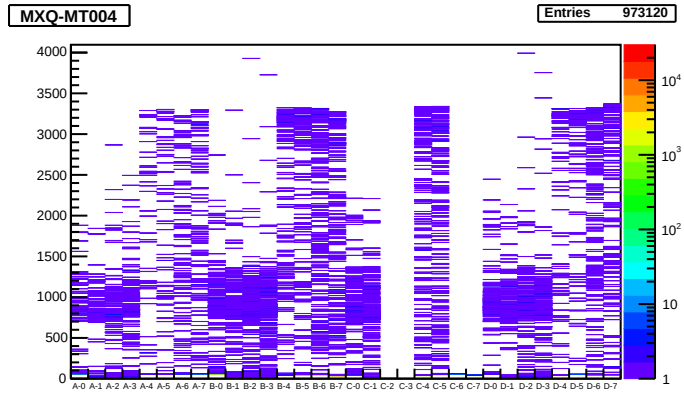

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 91230
30410
30410
30410
Hit
Cosmic-Ray
Timed-Cosmic-Ray

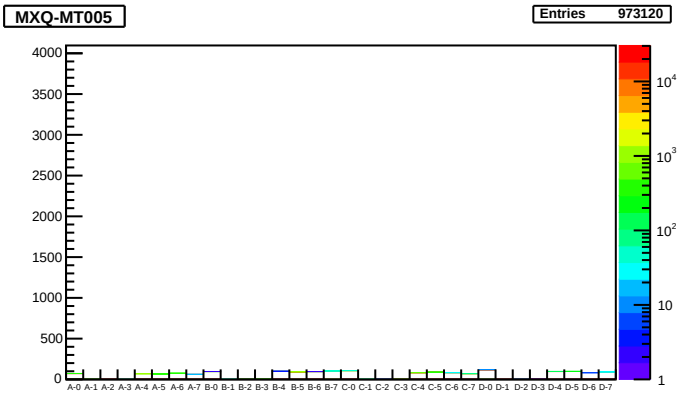

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

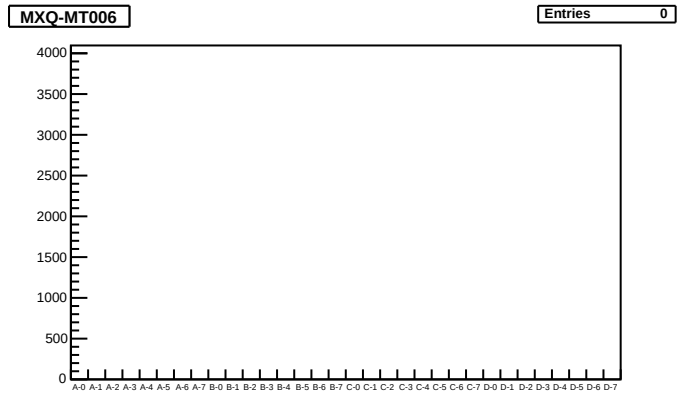

MXQ-MT001
Entries 973120

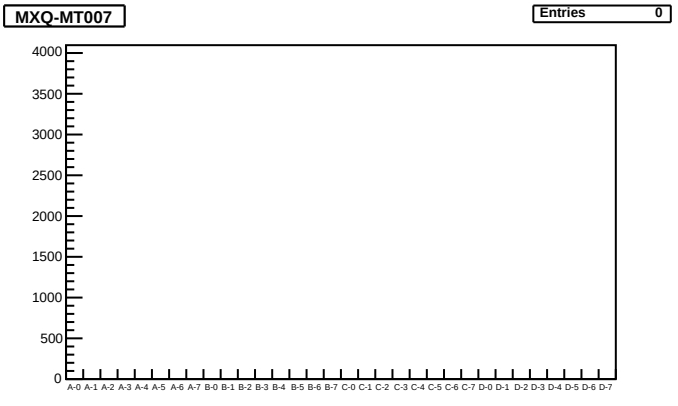

MXQ-MT002
Entries 973120

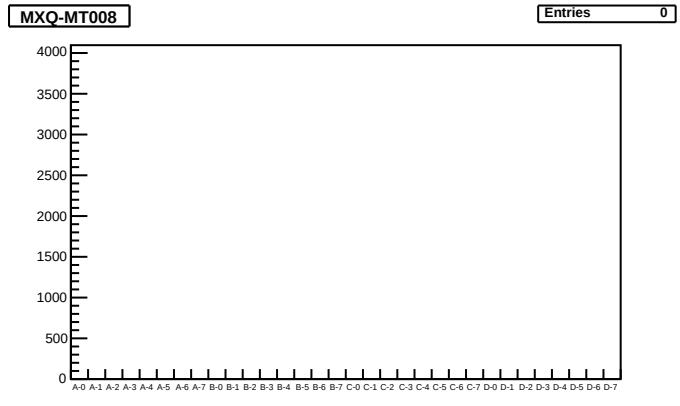

MXQ-MT003
Entries 973120

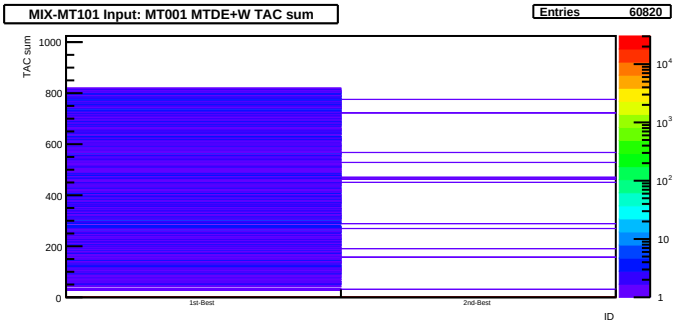

MXQ-MT004
Entries 973120

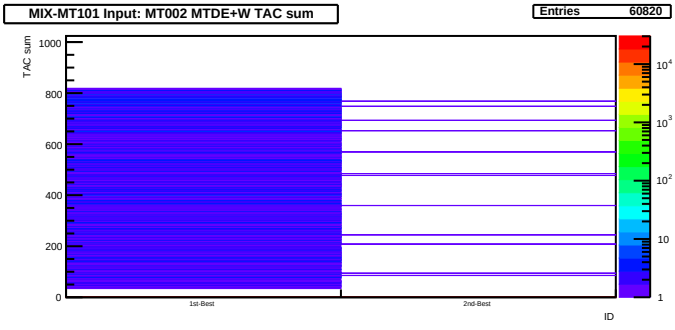

MXQ-MT005
Entries 973120

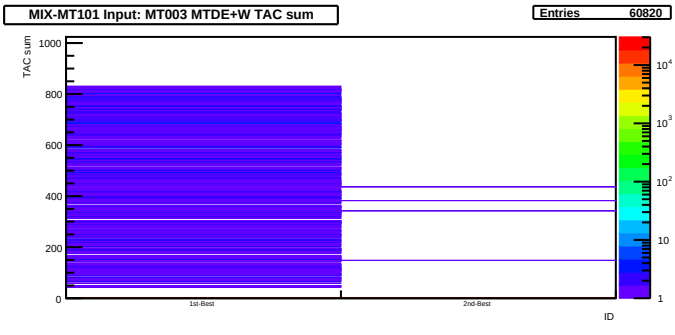

MXQ-MT006
Entries 0

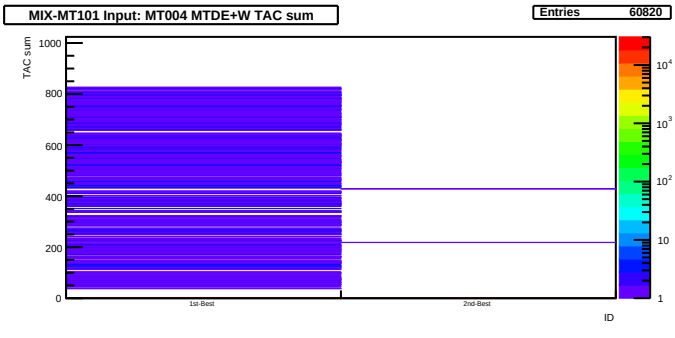

MXQ-MT007
Entries 0

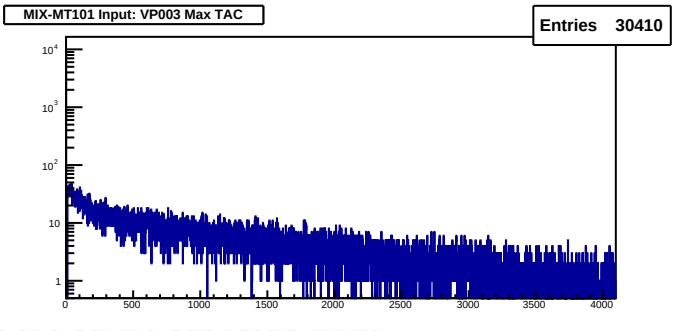

MXQ-MT008
Entries 0

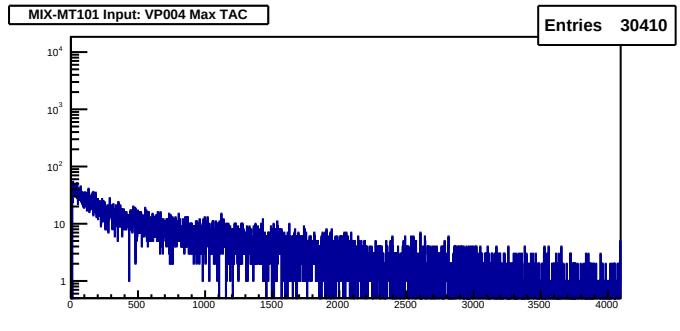

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 60820
TAC sum
1st-Best
2nd-Best
ID

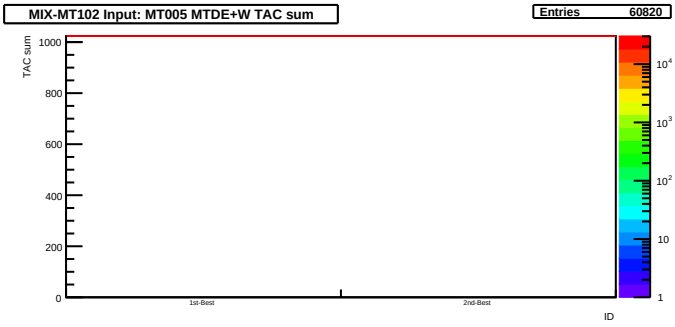

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 60820
TAC sum
1st-Best
2nd-Best
ID

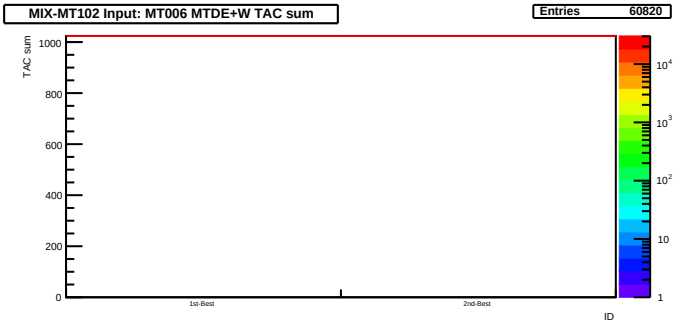

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 60820
TAC sum
1st-Best
2nd-Best
ID

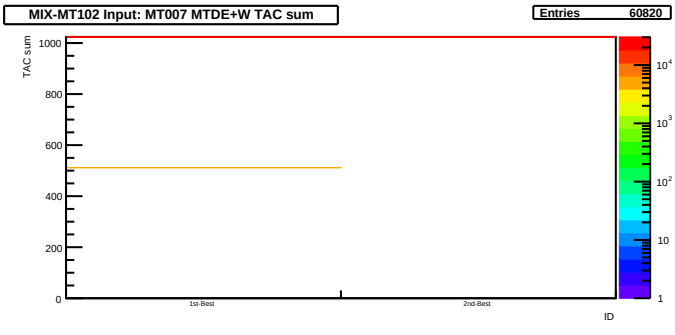

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 60820
TAC sum
1st-Best
2nd-Best
ID

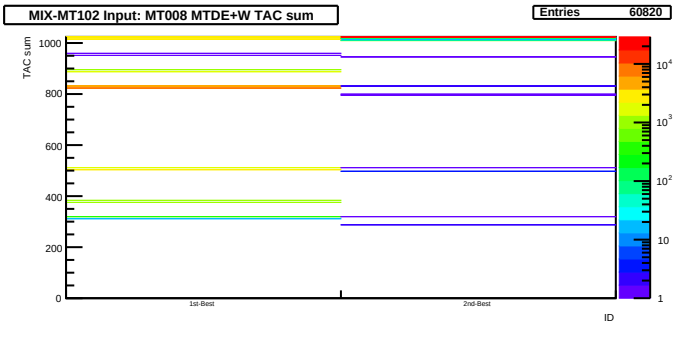

MIX-MT101 Input: VP003 Max TAC
Entries 30410

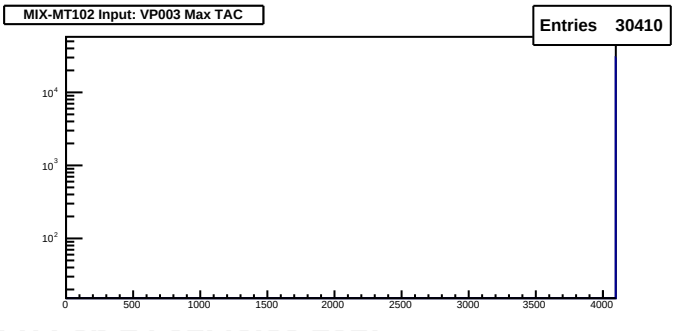

MIX-MT101 Input: VP004 Max TAC
Entries 30410

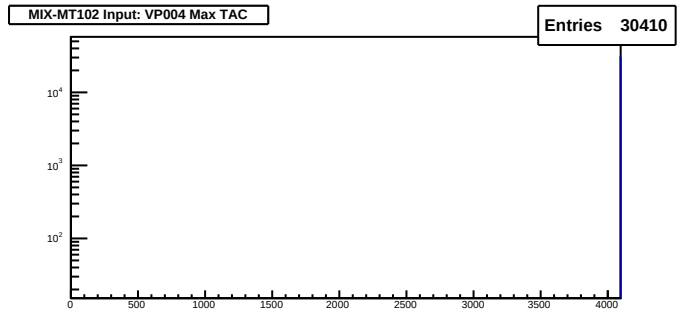

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 60820
TAC sum
1st-Best
2nd-Best
ID

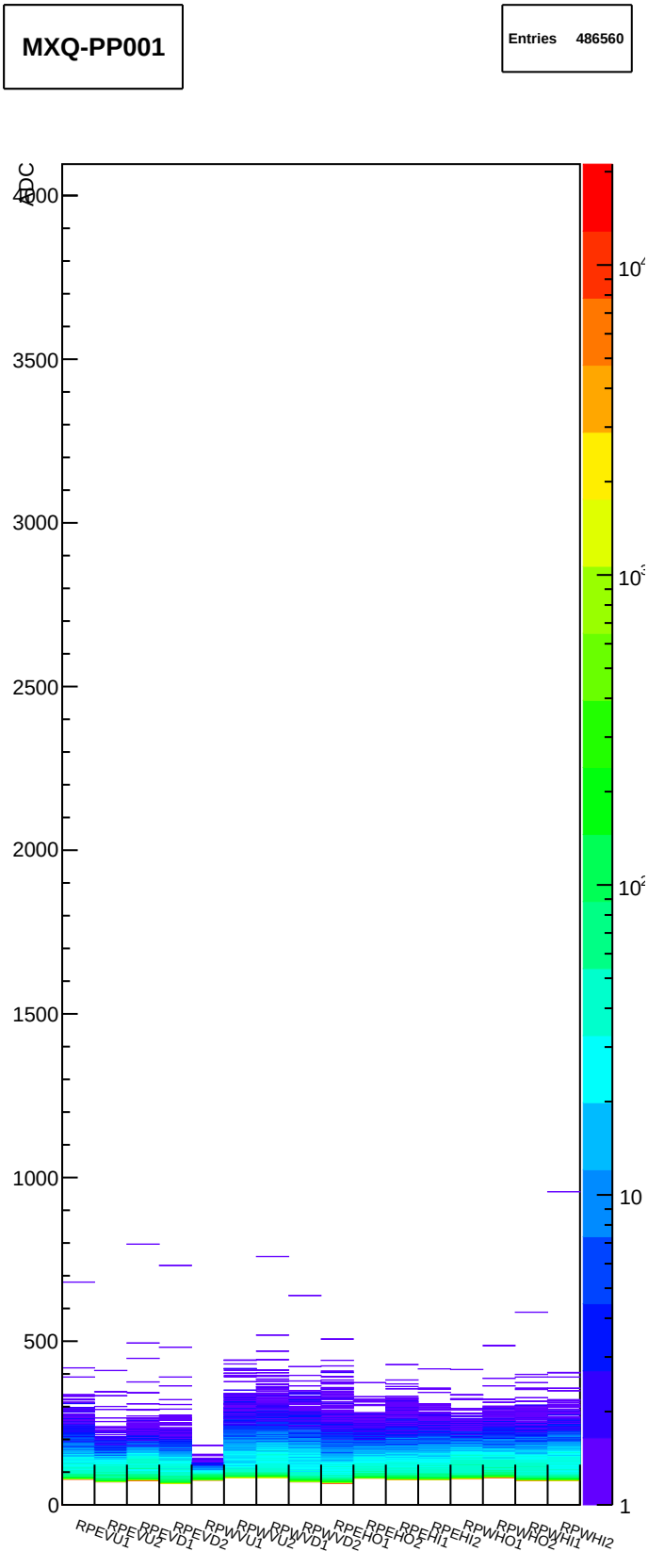

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 60820
TAC sum
1st-Best
2nd-Best
ID

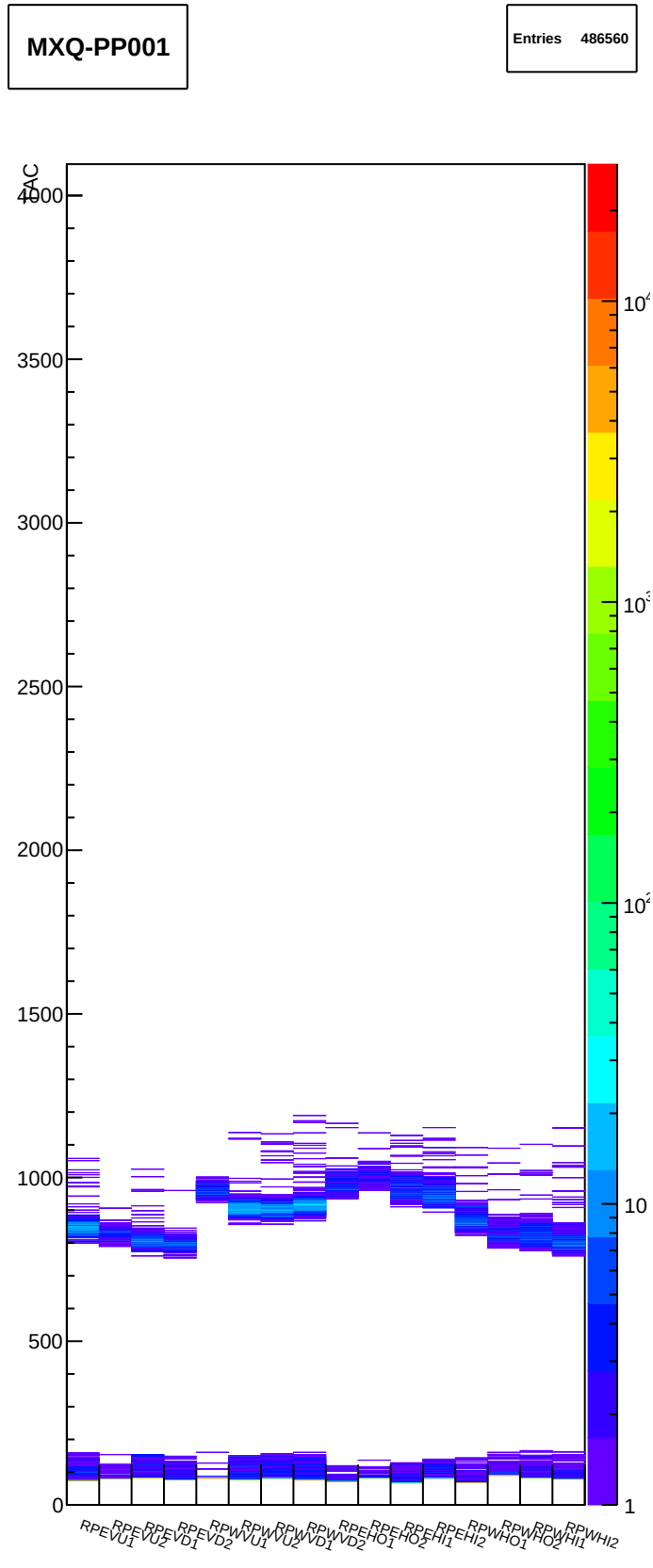

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 60820
TAC sum
1st-Best
2nd-Best
ID

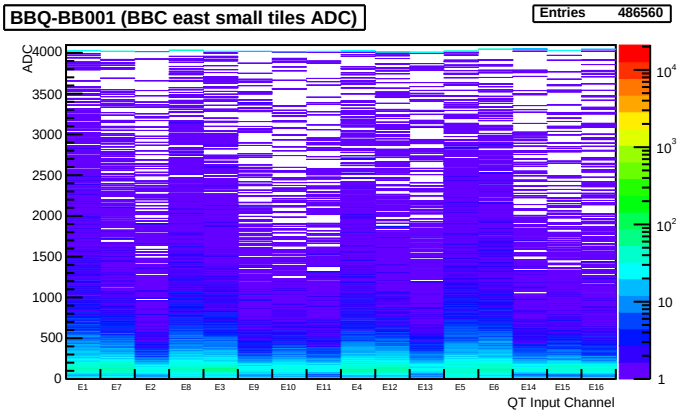

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 60820
TAC sum
1st-Best
2nd-Best
ID

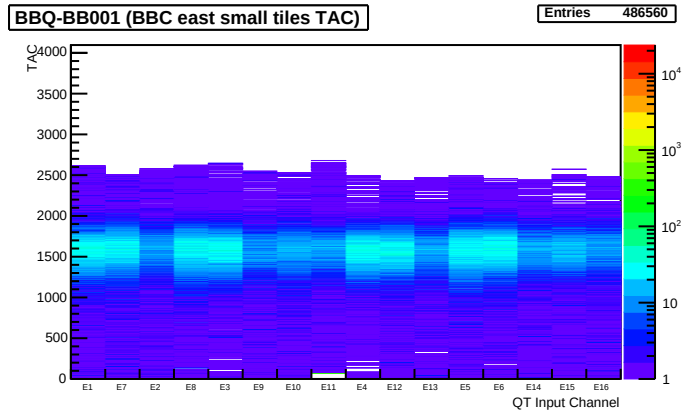

MIX-MT102 Input: VP003 Max TAC
Entries 30410

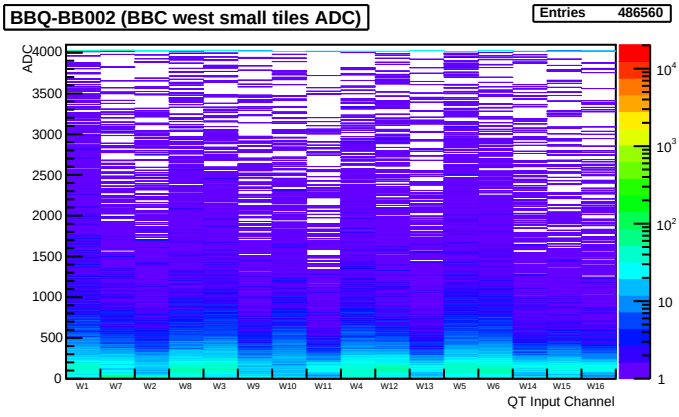

MIX-MT102 Input: VP004 Max TAC
Entries 30410

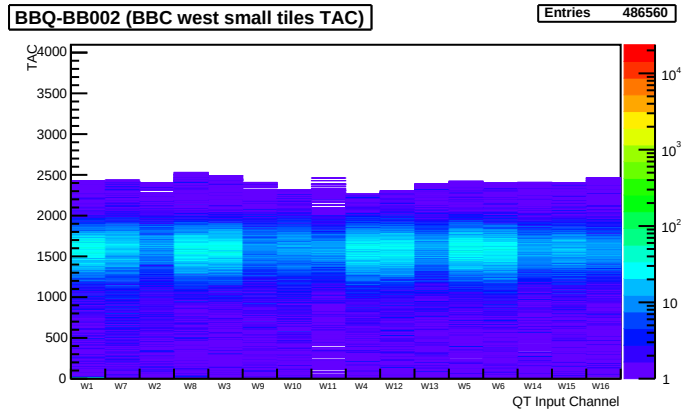

MXQ-PP001
Entries 486560
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

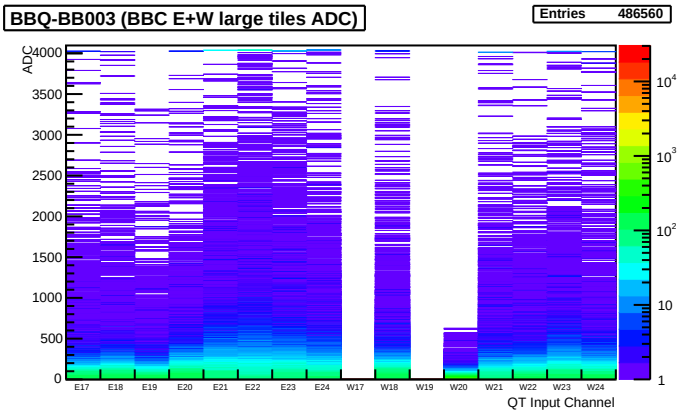

MXQ-PP001
Entries 486560
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

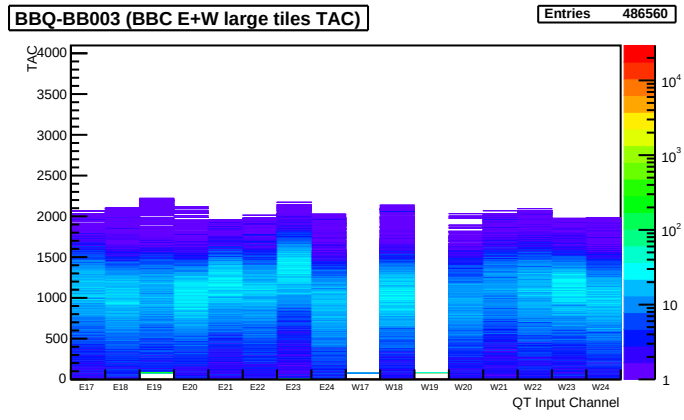

BBQ-BB001 (BBC east small tiles ADC)
Entries 486560
ADC
QT Input Channel

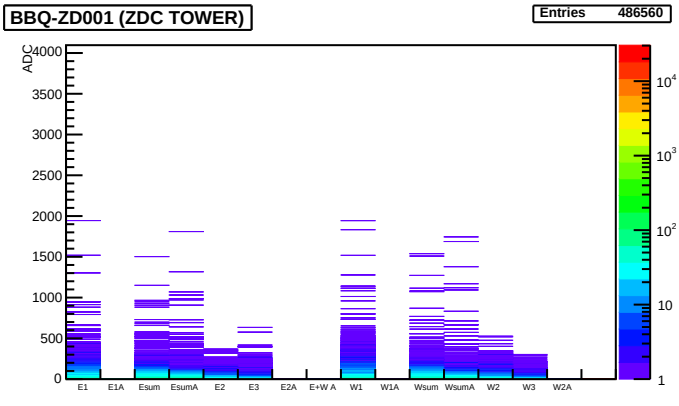

BBQ-BB001 (BBC east small tiles TAC)
Entries 486560
TAC
QT Input Channel

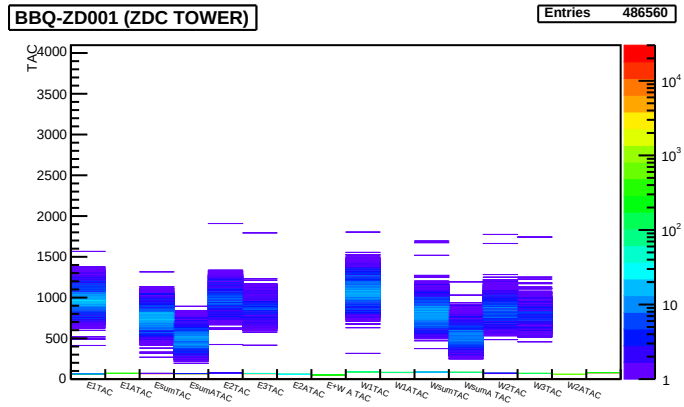

BBQ-BB002 (BBC west small tiles ADC)
Entries 486560
ADC
QT Input Channel

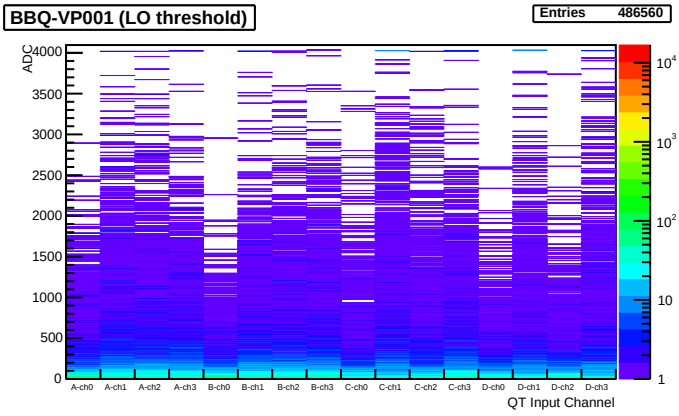

BBQ-BB002 (BBC west small tiles TAC)
Entries 486560
TAC
QT Input Channel

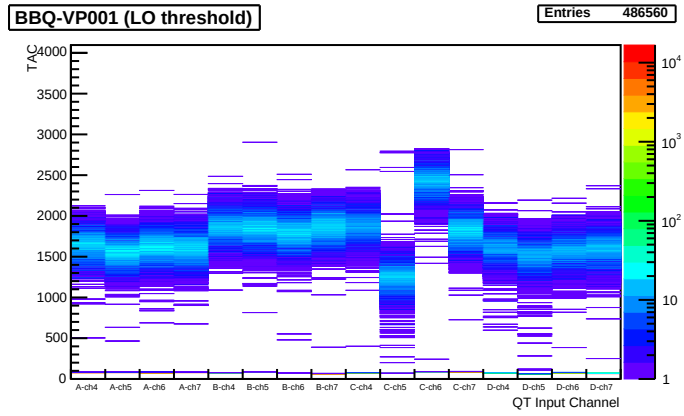

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 486560
ADC
QT Input Channel

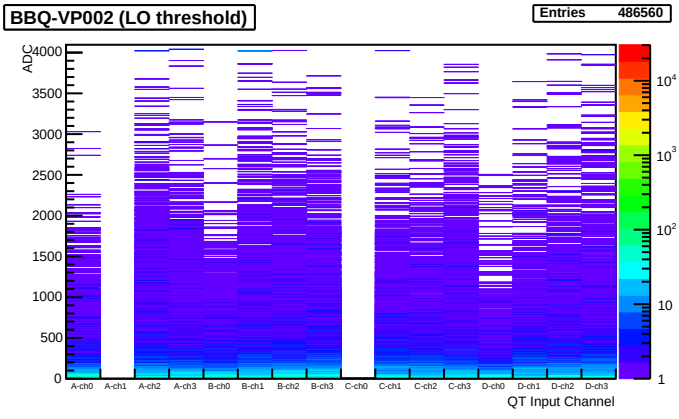

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 486560
TAC
QT Input Channel

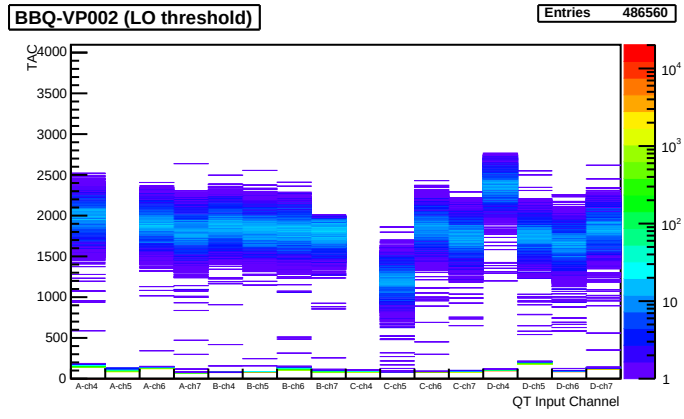

BBQ-ZD001 (ZDC TOWER)
Entries 486560
ADC

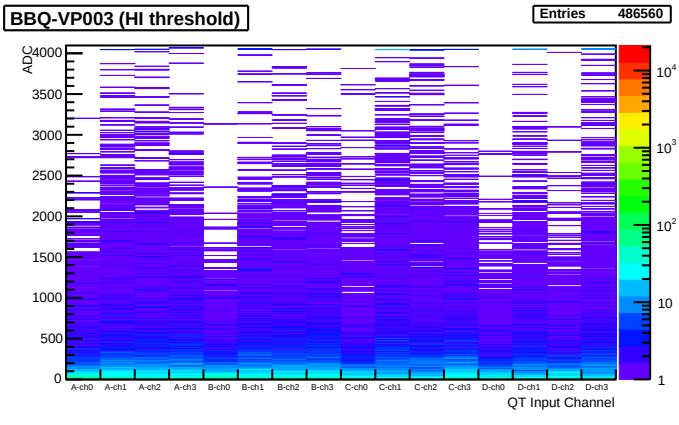

BBQ-ZD001 (ZDC TOWER)
Entries 486560
TAC

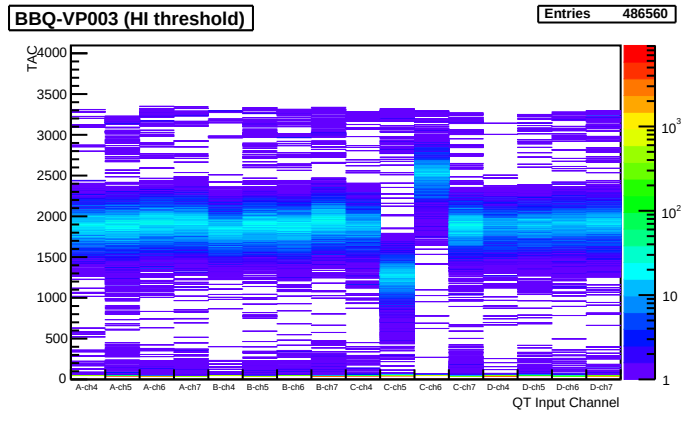

BBQ-VP001 (LO threshold)
Entries 486560
ADC
QT Input Channel

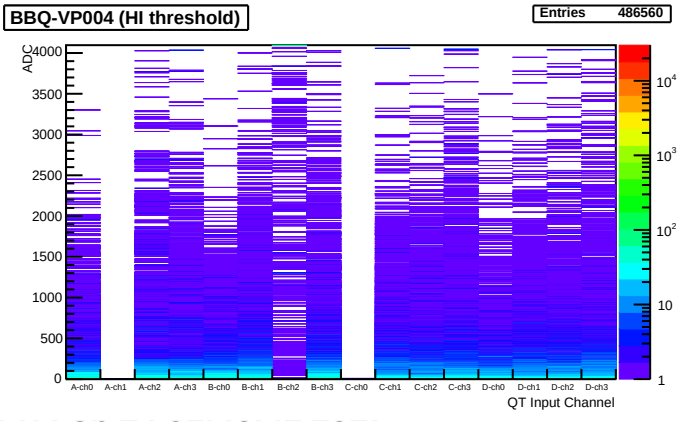

BBQ-VP001 (LO threshold)
Entries 486560
TAC
QT Input Channel

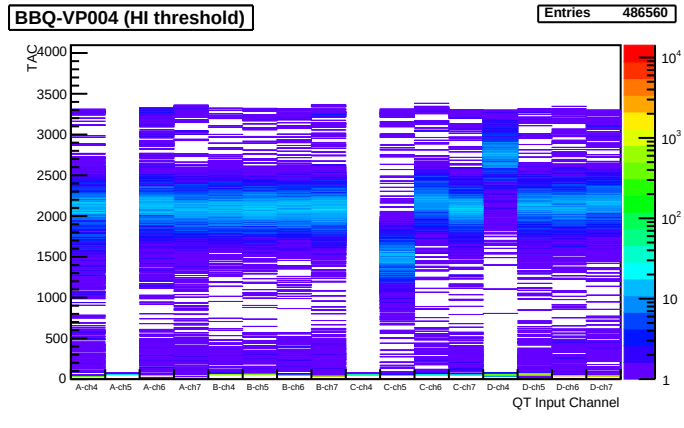

BBQ-VP002 (LO threshold)
Entries 486560
ADC
QT Input Channel

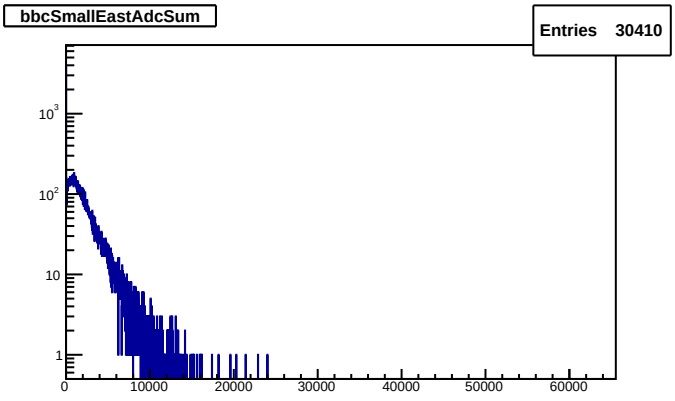

BBQ-VP002 (LO threshold)
Entries 486560
TAC
QT Input Channel

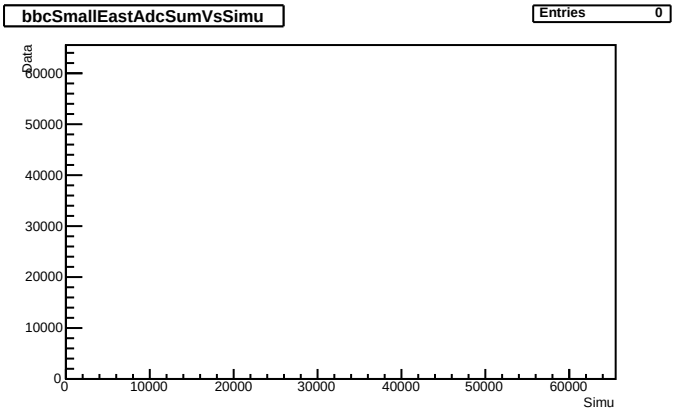

BBQ-VP003 (HI threshold)
Entries 486560
ADC
QT Input Channel

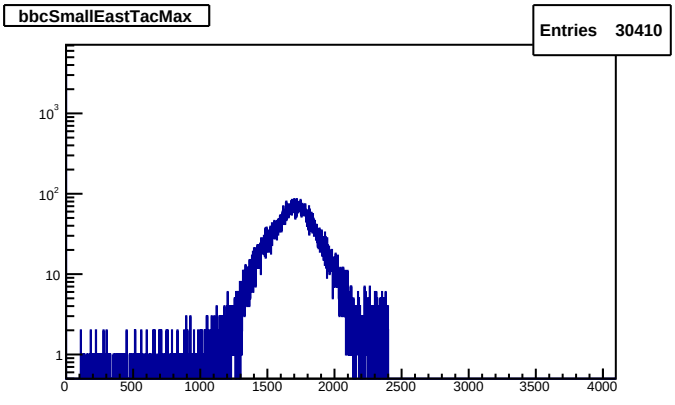

BBQ-VP003 (HI threshold)
Entries 486560
TAC
QT Input Channel

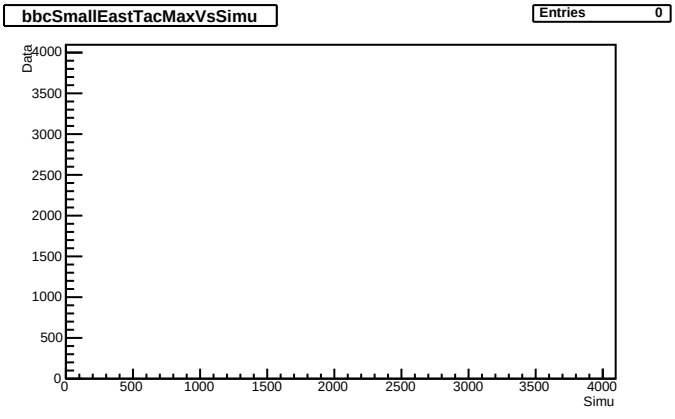

BBQ-VP004 (HI threshold)
Entries 486560
ADC
QT Input Channel

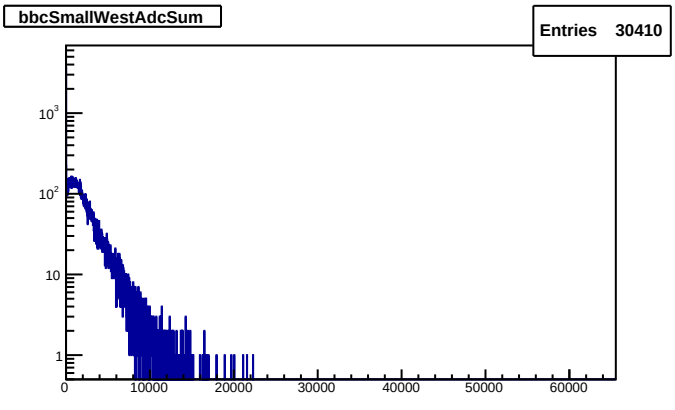

BBQ-VP004 (HI threshold)
Entries 486560
TAC
QT Input Channel

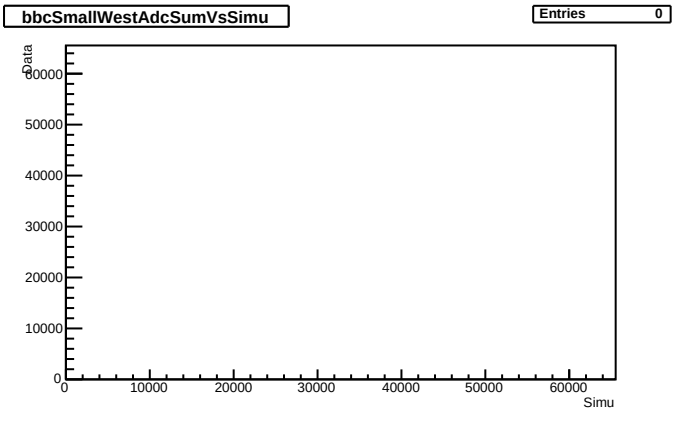

bbcSmallEastAdcSum
Entries 30410

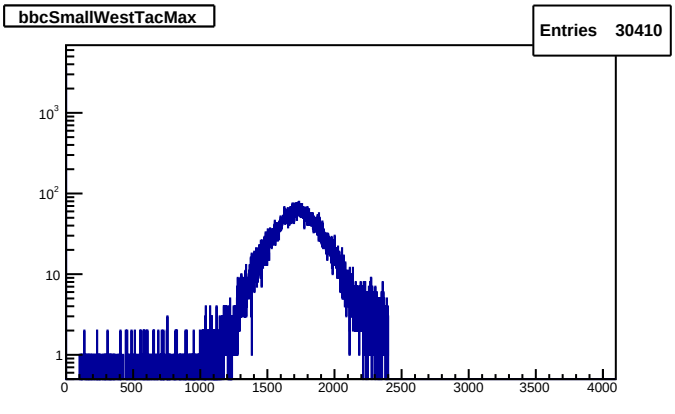

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

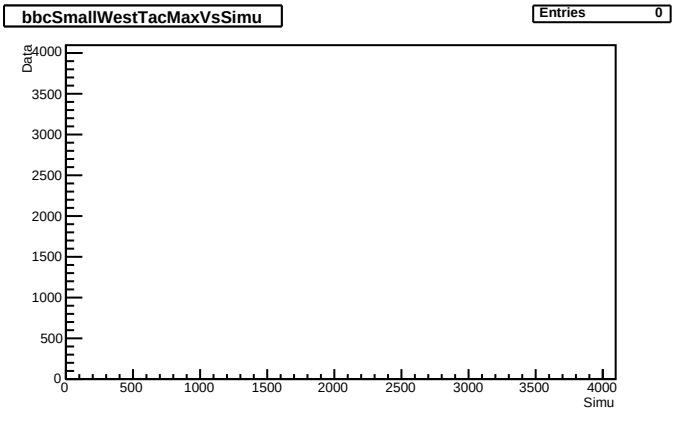

bbcSmallEastTacMax
Entries 30410

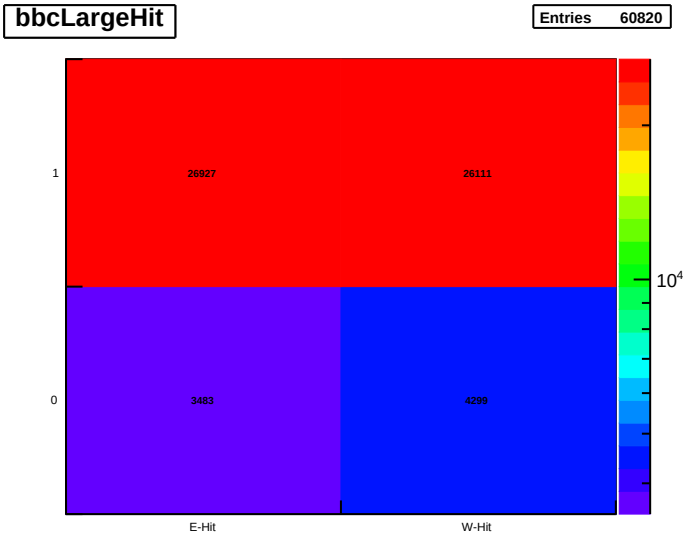

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

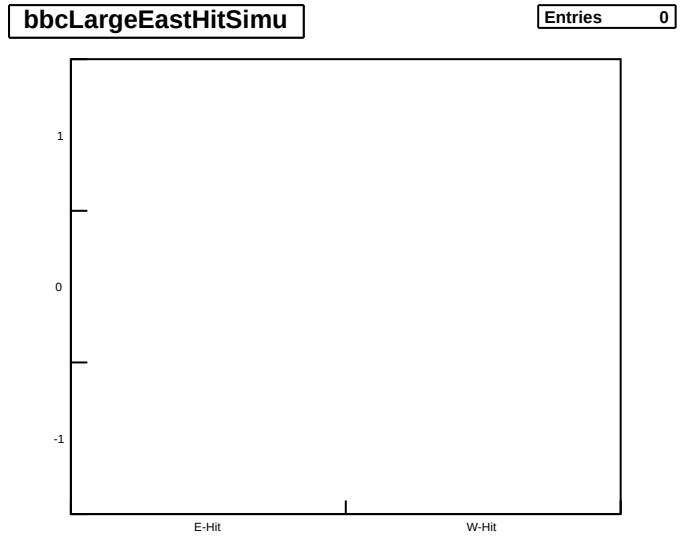

bbcSmallWestAdcSum
Entries 30410

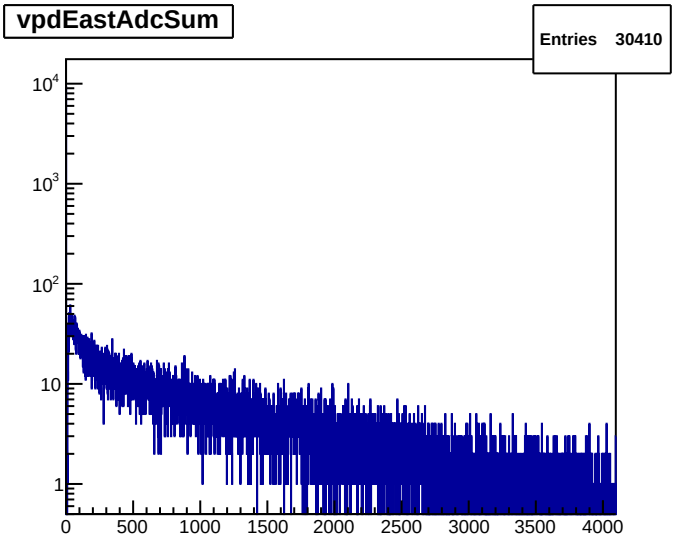

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

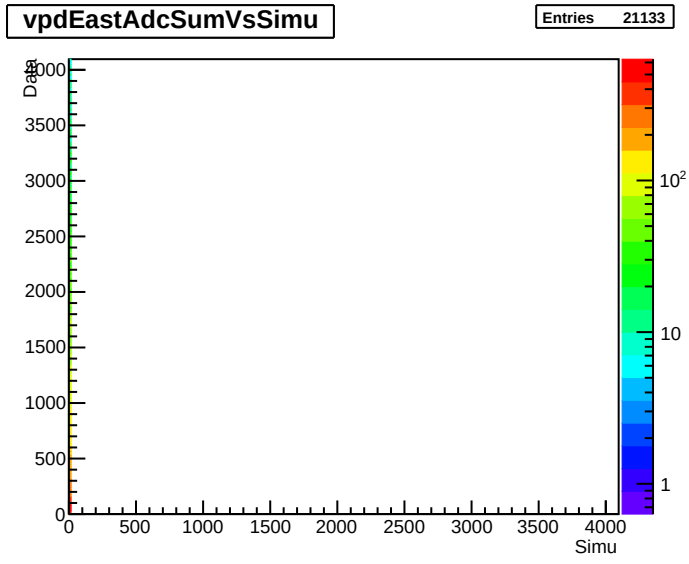

bbcSmallWestTacMax
Entries 30410

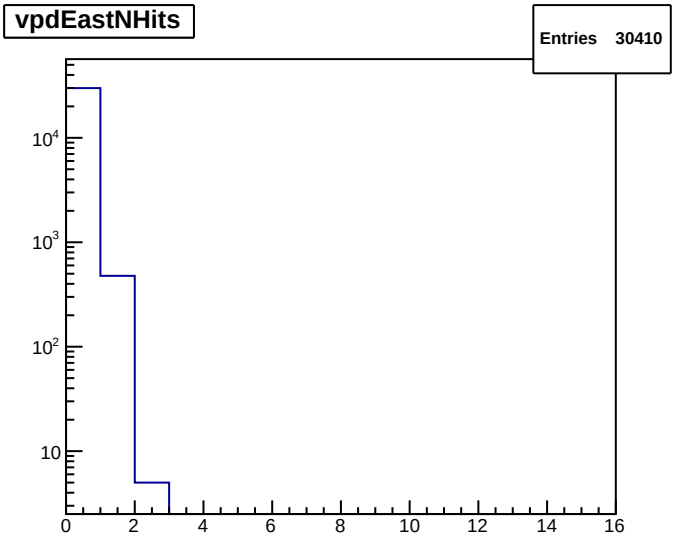

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

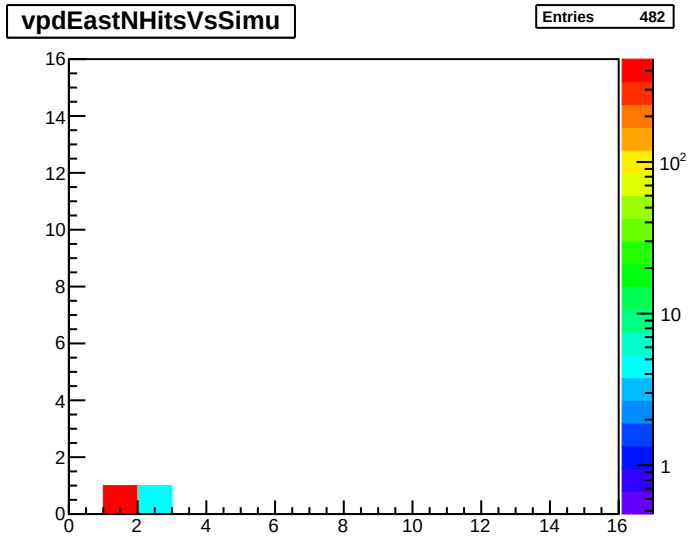

bbcLargeHit
Entries 60820
1
0
26927
26111
3483
4299
E-Hit
W-Hit
10^4

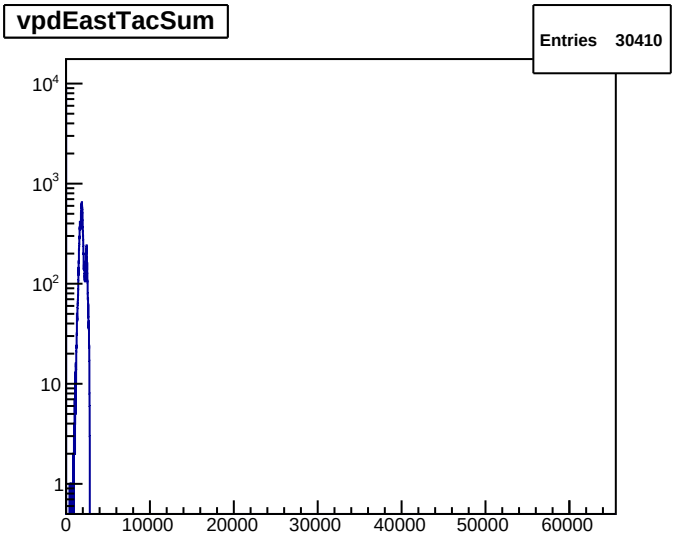

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

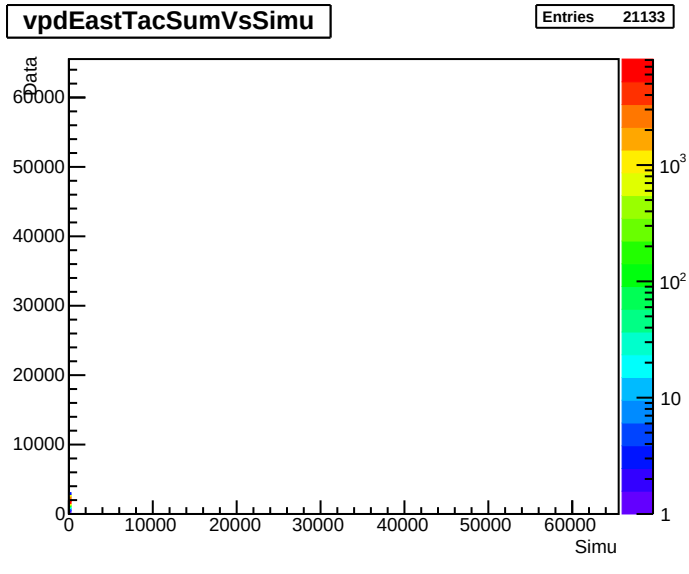

vpdEastAdcSum
Entries 30410

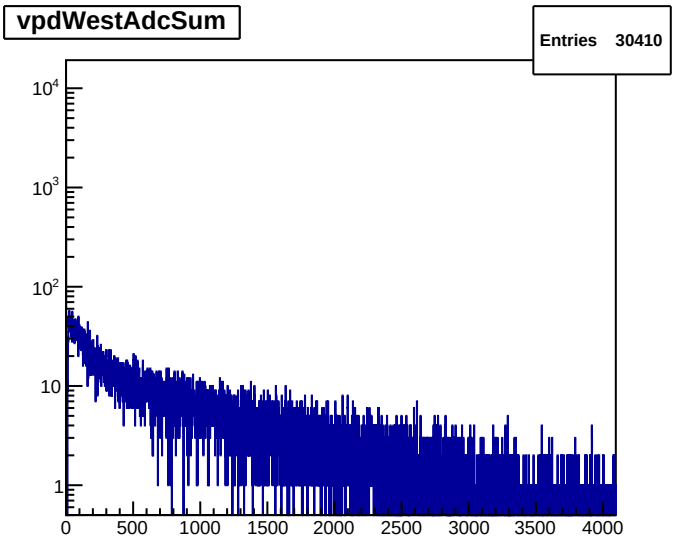

vpdEastAdcSumVsSimu
Entries 21133
Data
Simu

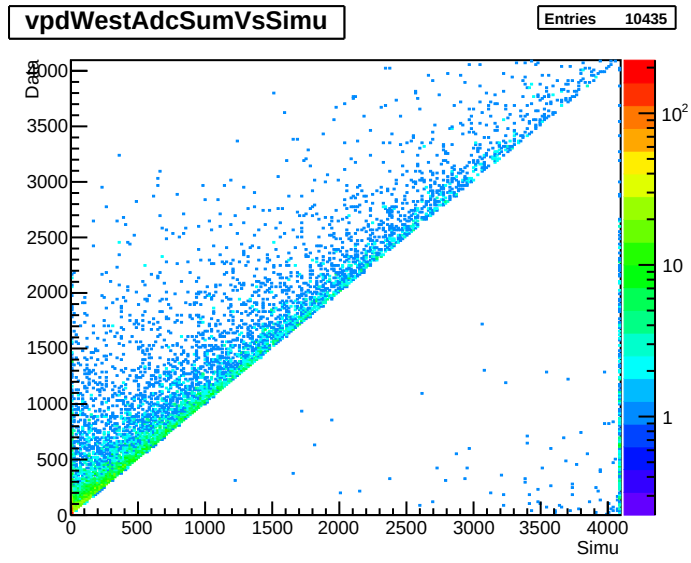

vpdEastNHits
Entries 30410

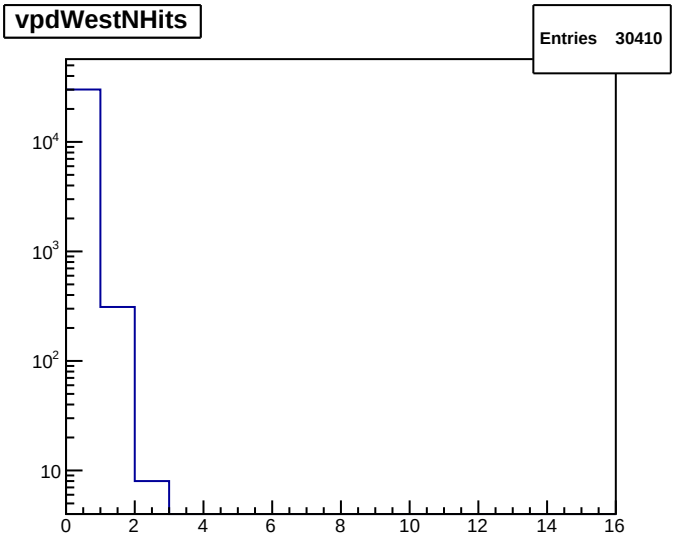

vpdEastNHitsVsSimu
Entries 482

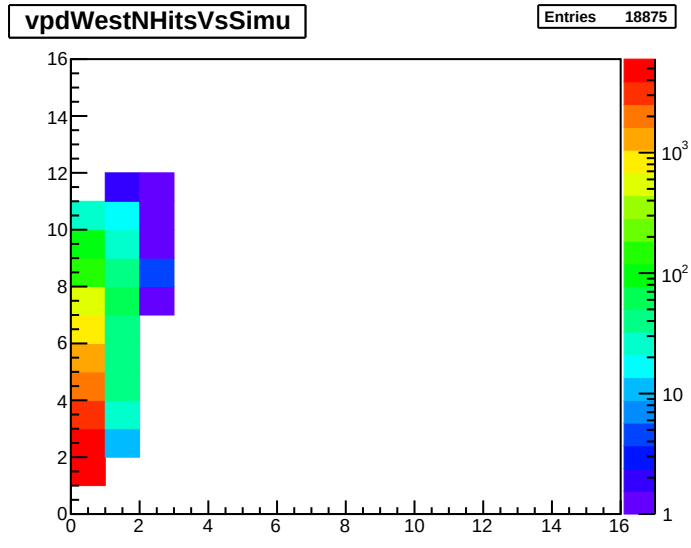

vpdEastTacSum
Entries 30410

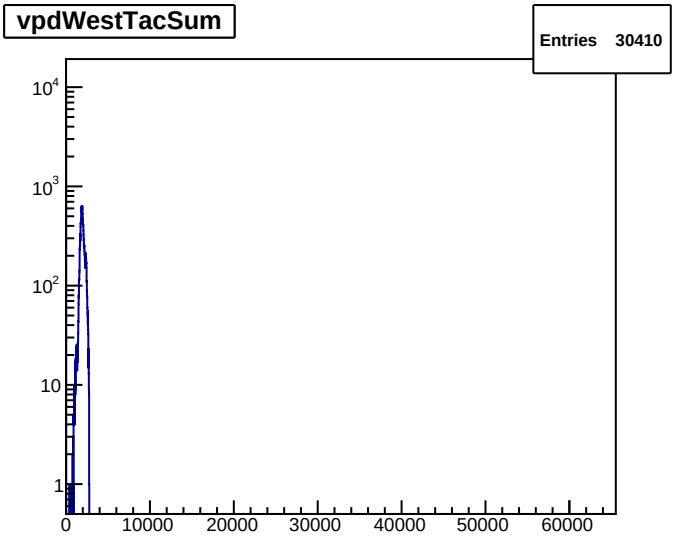

vpdEastTacSumVsSimu
Entries 21133
Data
Simu

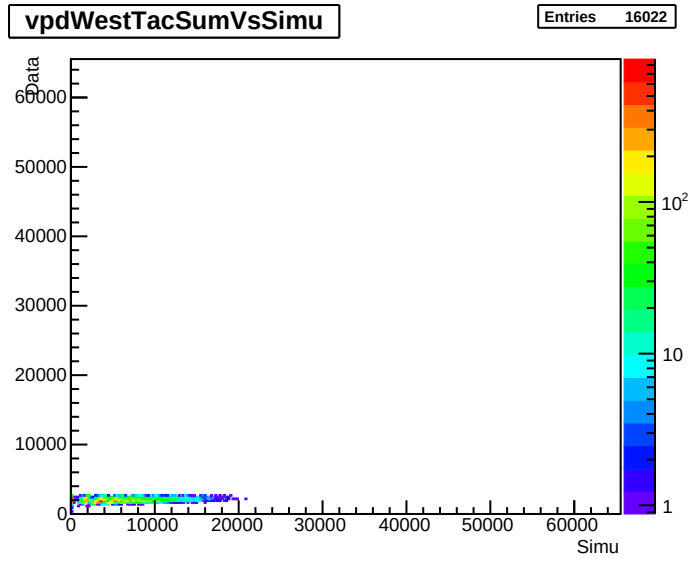

vpdWestAdcSum
Entries 30410

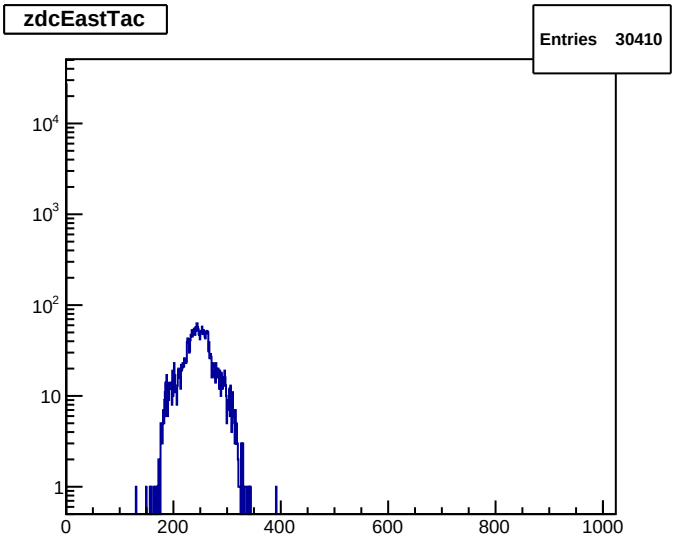

vpdWestAdcSumVsSimu
Entries 10435
Data
Simu

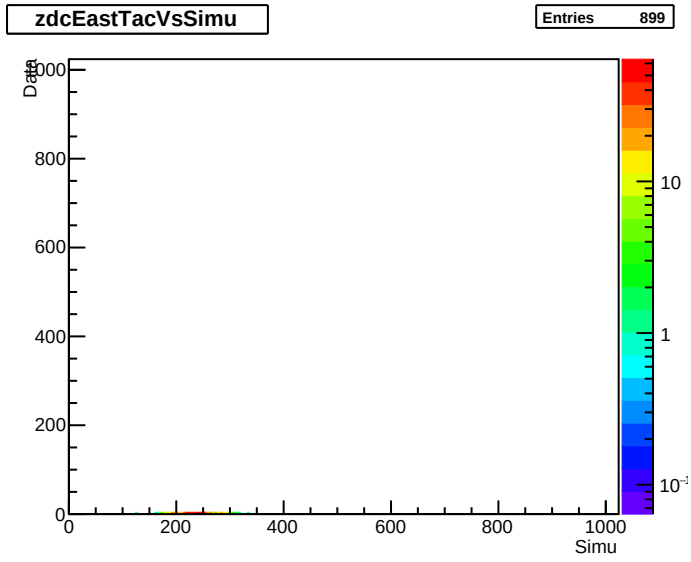

vpdWestNHits
Entries 30410

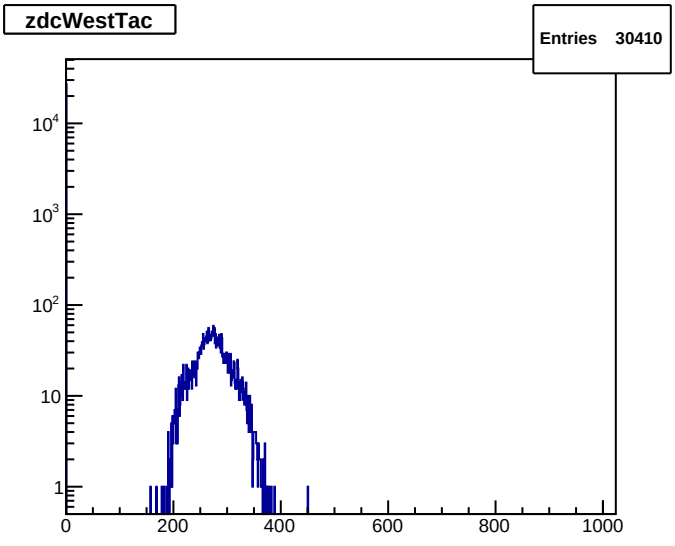

vpdWestNHitsVsSimu
Entries 18875

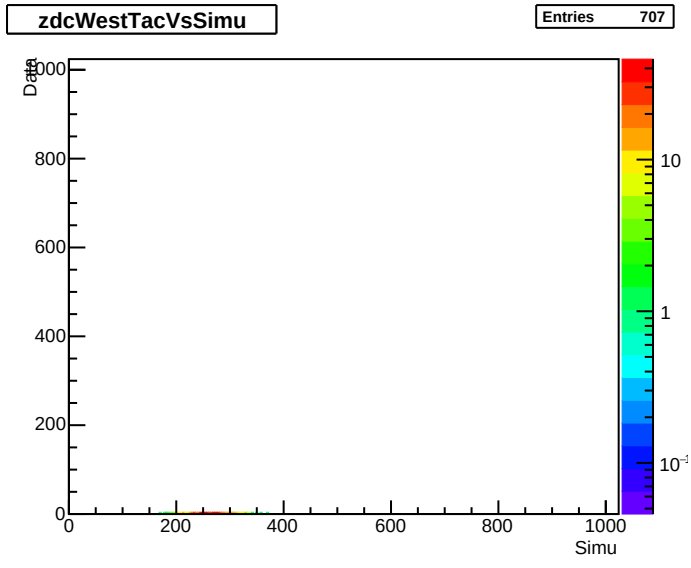

vpdWestTacSum
Entries 30410

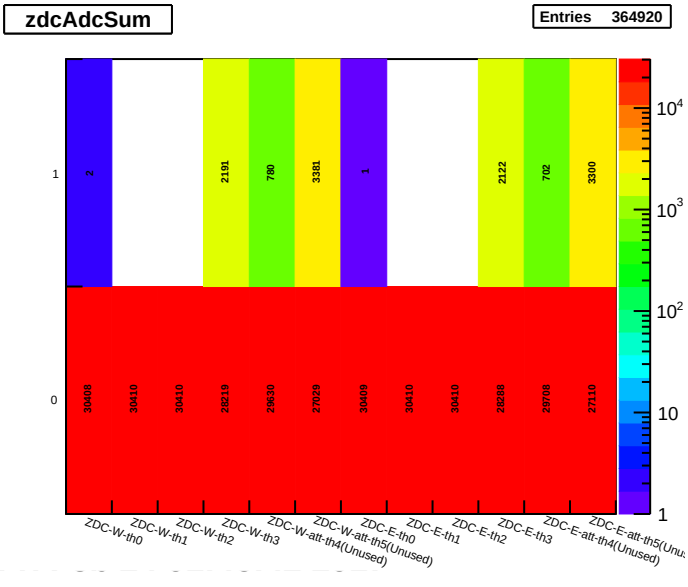

vpdWestTacSumVsSimu
Entries 16022
Data
Simu

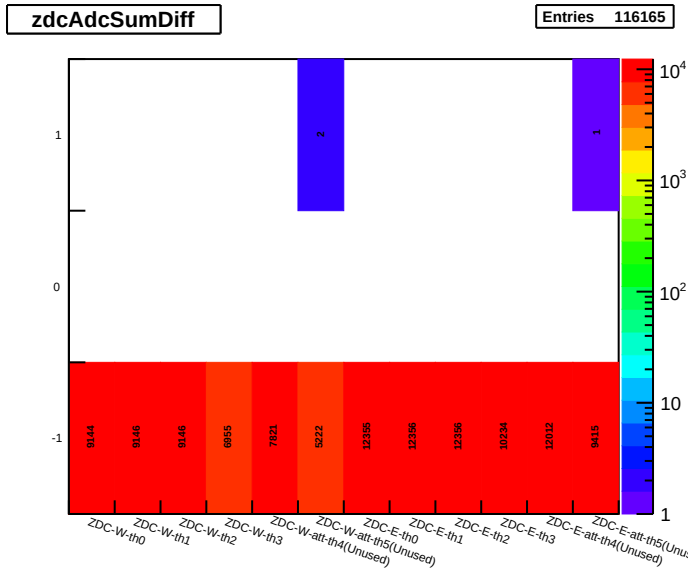

zdcEastTac
Entries 30410

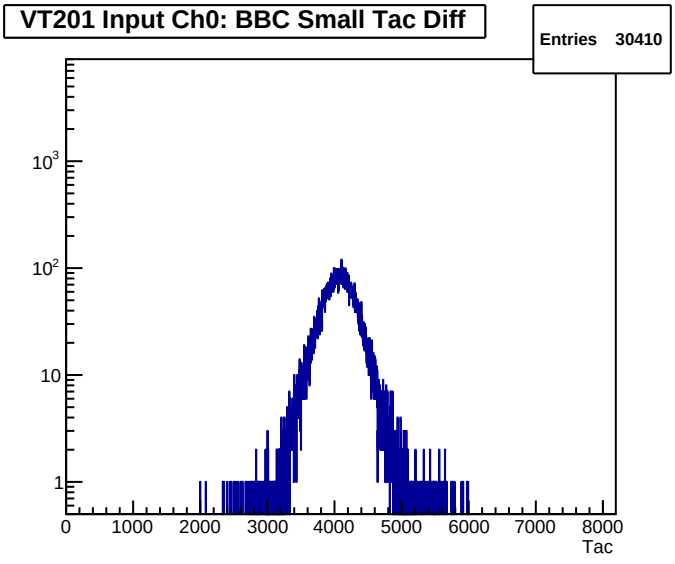

zdcEastTacVsSimu
Entries 899
Data
Simu

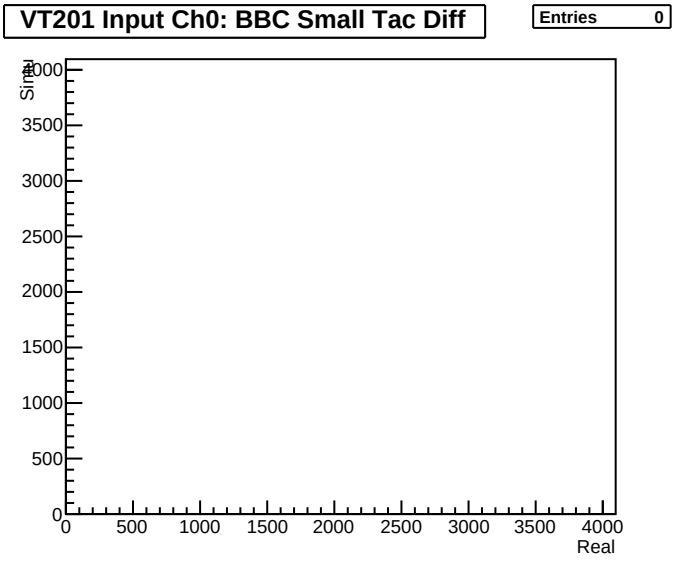

zdcWestTac
Entries 30410

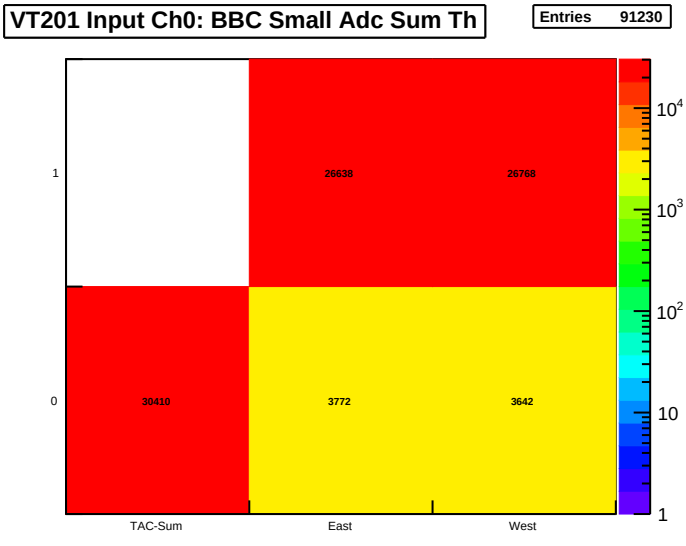

zdcWestTacVsSimu
Entries 707
Data
Simu

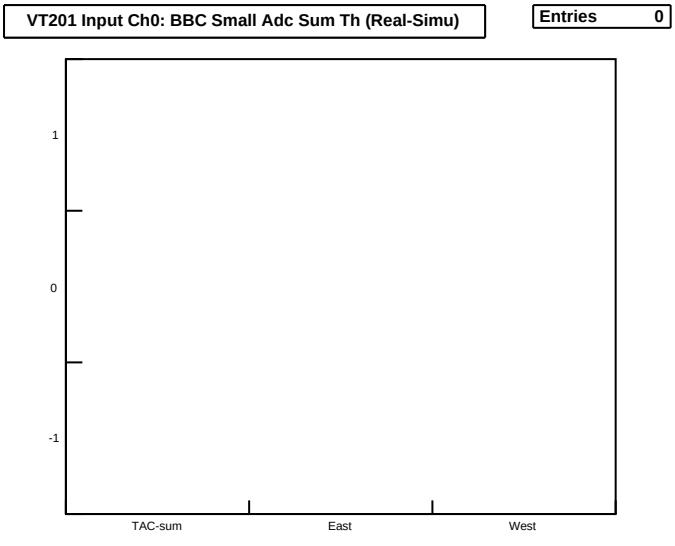

zdcAdcSum
Entries 364920
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

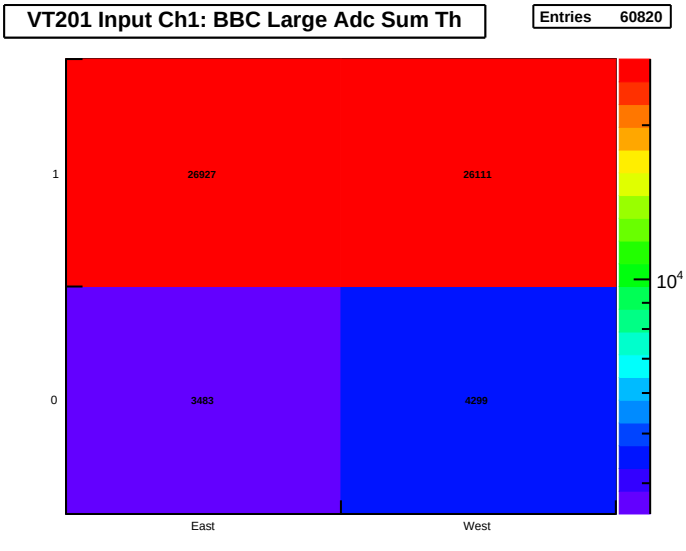

zdcAdcSumDiff
Entries 116165
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

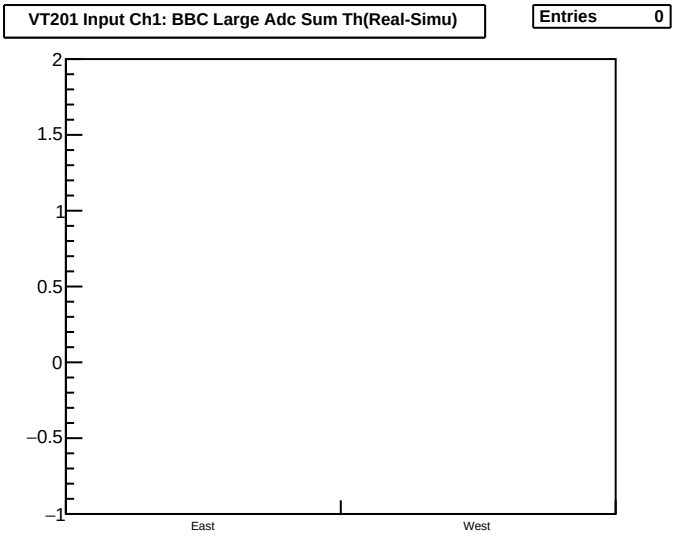

VT201 Input Ch0: BBC Small Tac Diff
Entries 30410
Tac


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

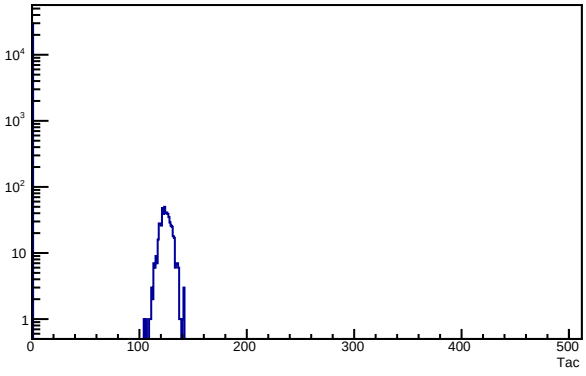

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 91230
26638
26768
30410
3772
3642
TAC-Sum
East
West


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

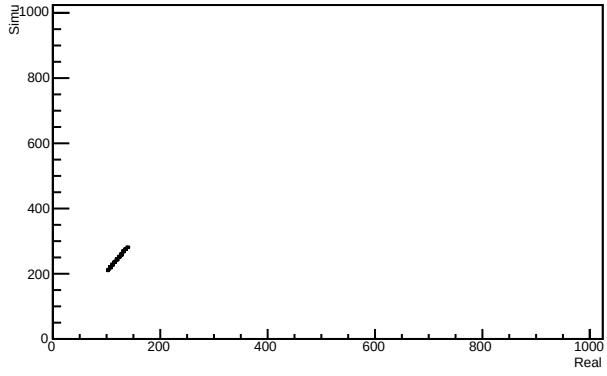

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 60820
26927
26111
3483
4299
East
West


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

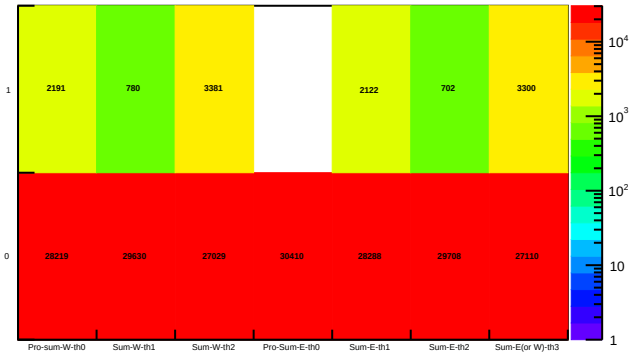
VT201 Input Ch2: ZDC Tac Diff



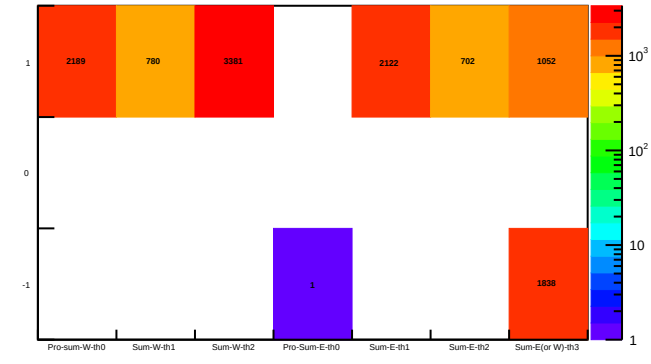
VT201 Input Ch2: ZDC Tac Diff



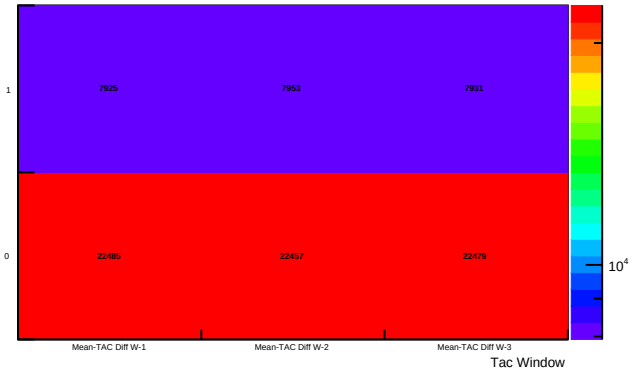
VT201 Input Ch2: ZDC Adc Sum Th



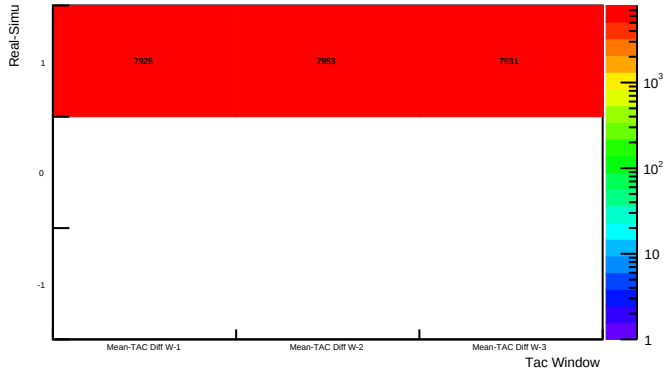
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



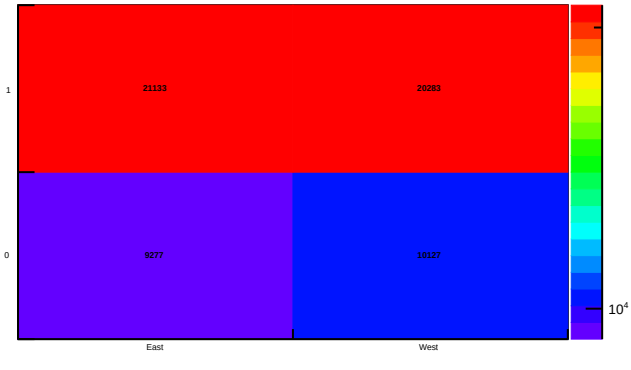
VT201 Input Ch4: VPD Tac Diff



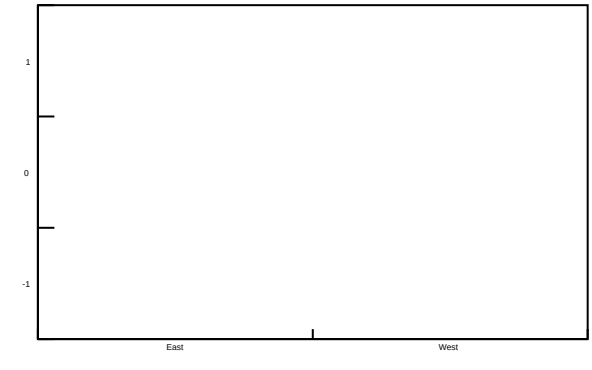
VT201 Input Ch4: VPD Tac Diff

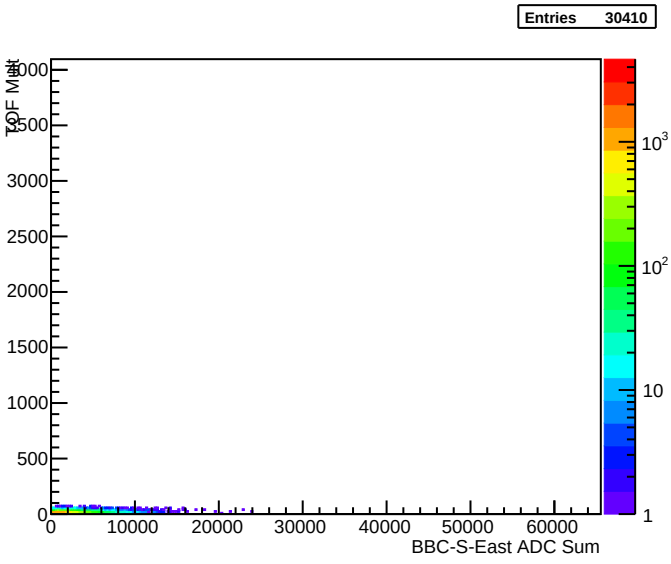


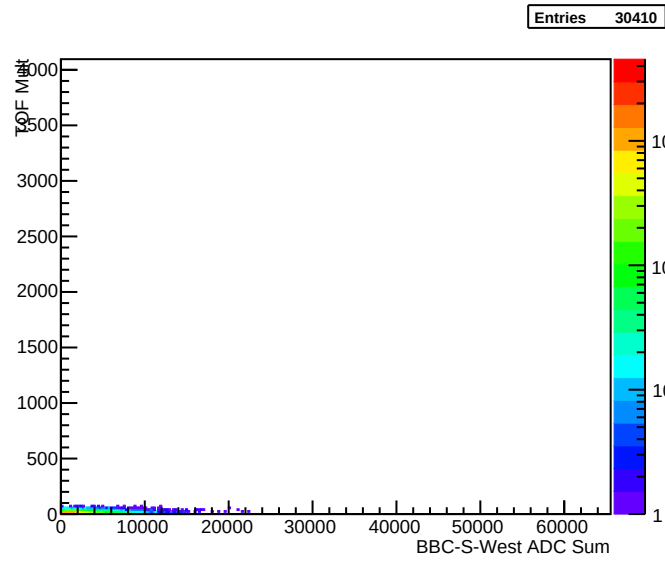
VT201 Input Ch4: VPD Adc Sum Th

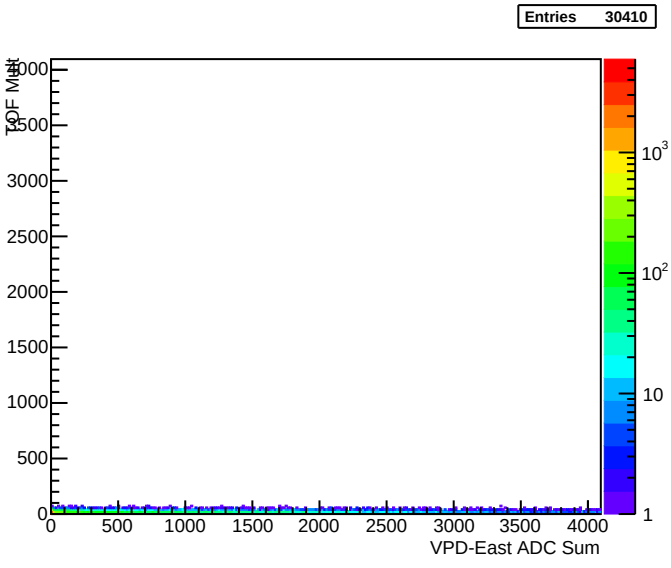


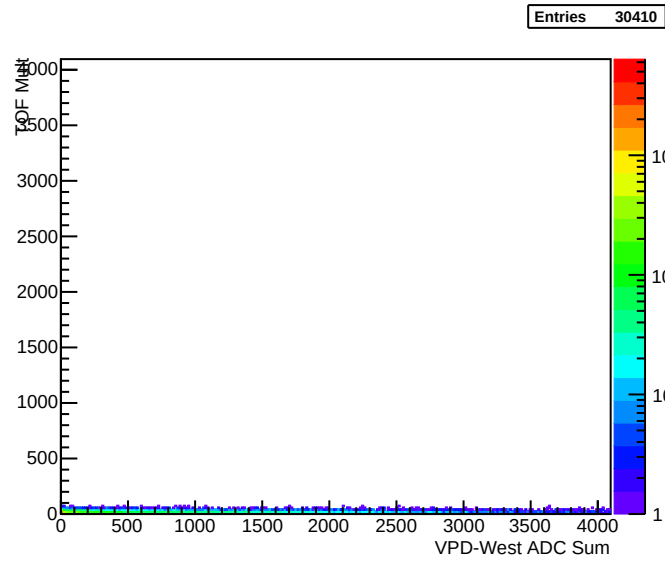
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

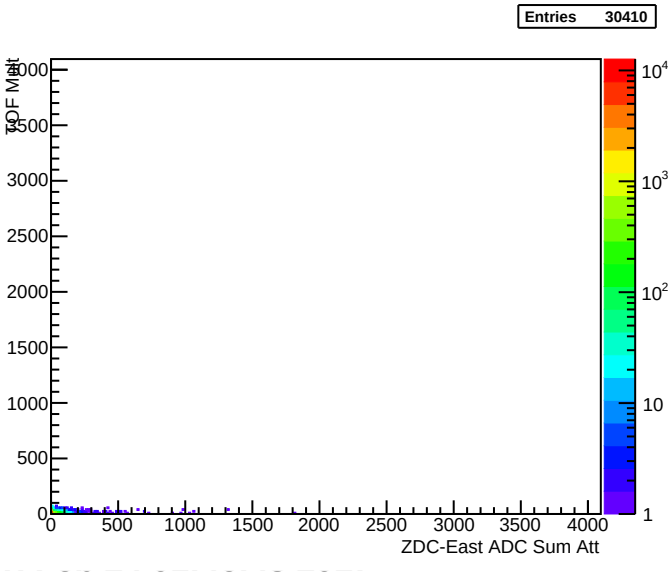


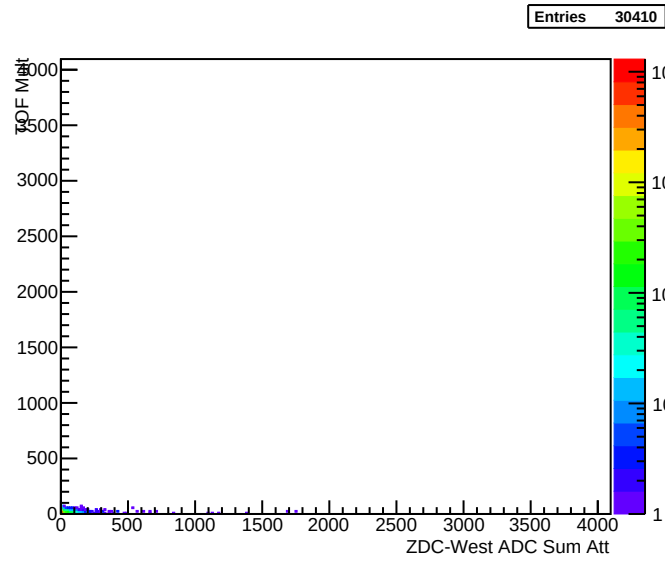

Entries 30410
TOF Mult
BBC-S-East ADC Sum

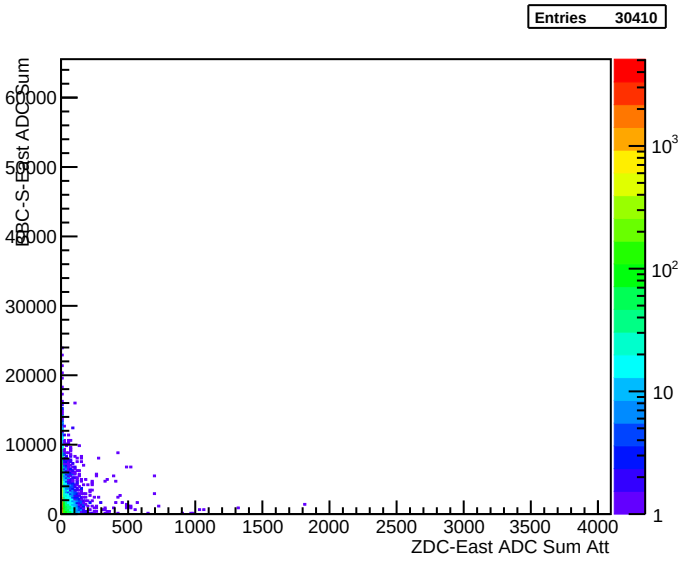

Entries 30410
TOF Mult
BBC-S-West ADC Sum

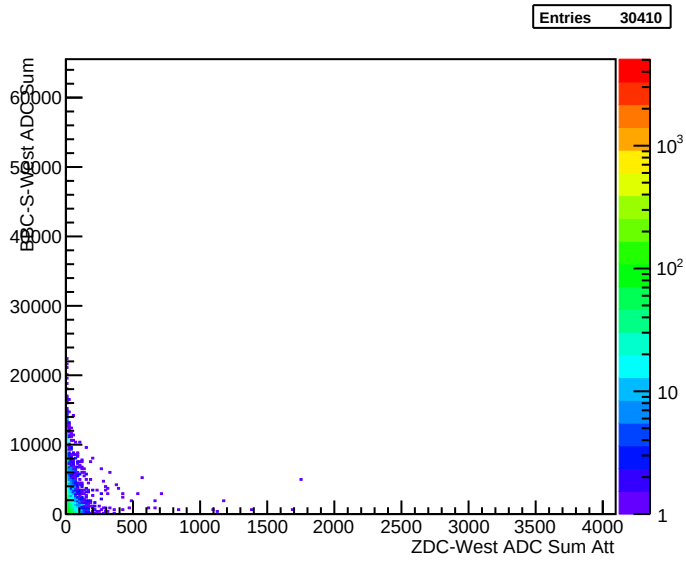

Entries 30410
TOF Mult
VPD-East ADC Sum

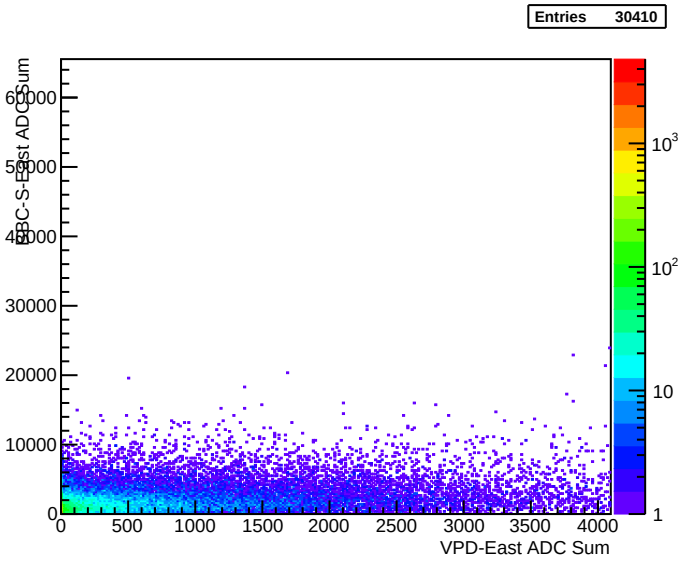

Entries 30410
TOF Mult
VPD-West ADC Sum

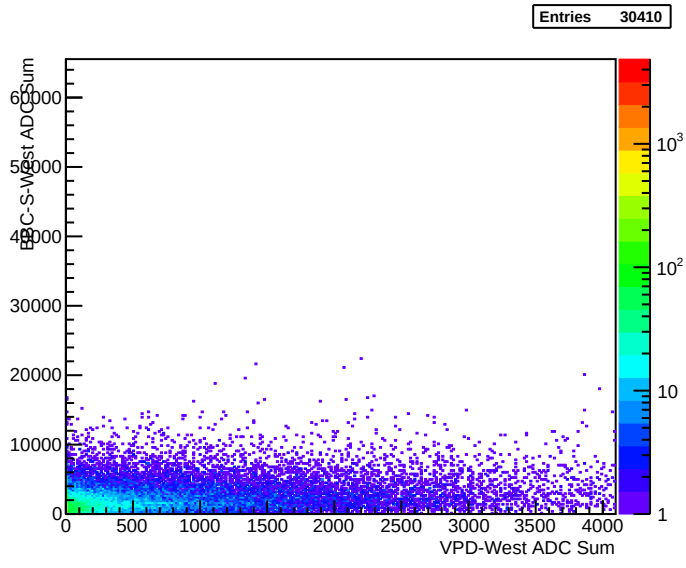

Entries 30410
TOF Mult
ZDC-East ADC Sum Att

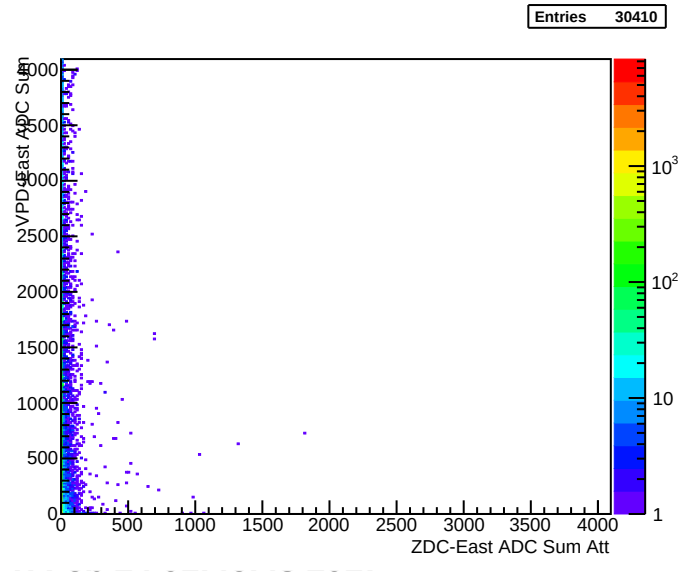

Entries 30410
TOF Mult
ZDC-West ADC Sum Att

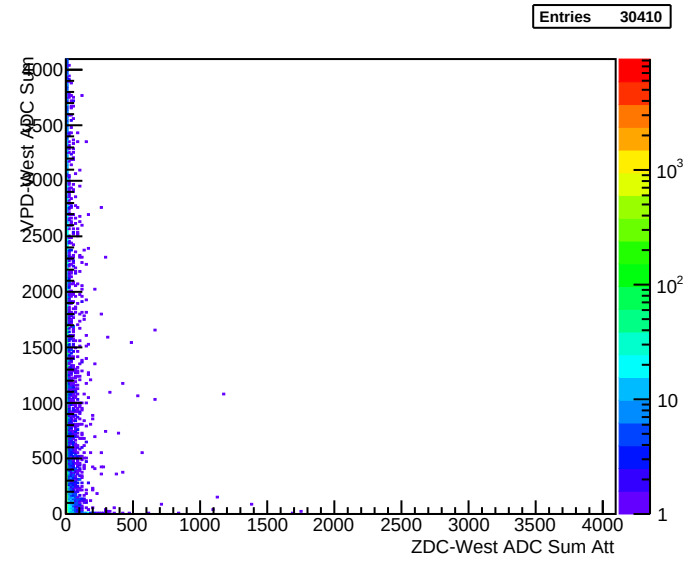

Entries 30410
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

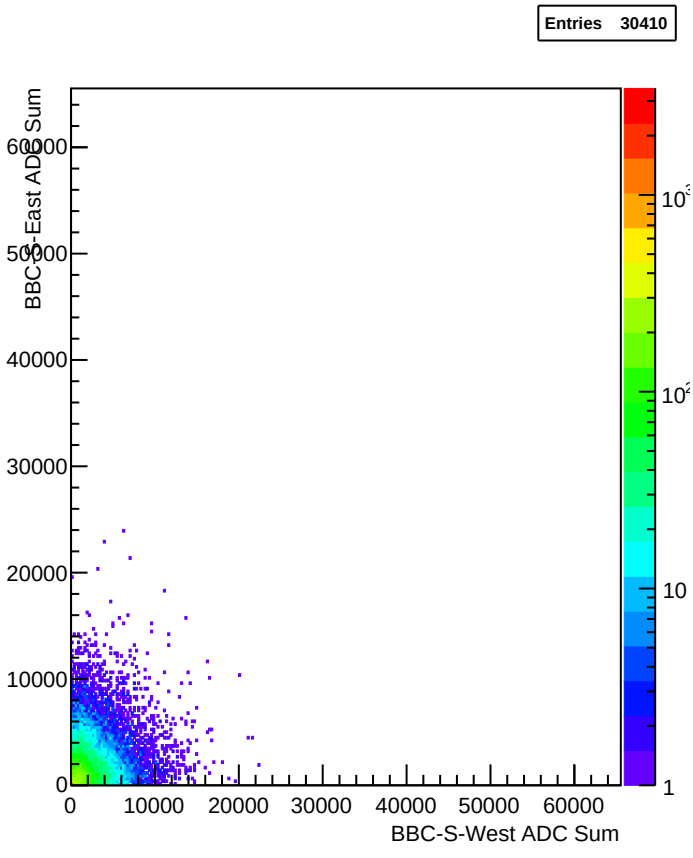

Entries 30410
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

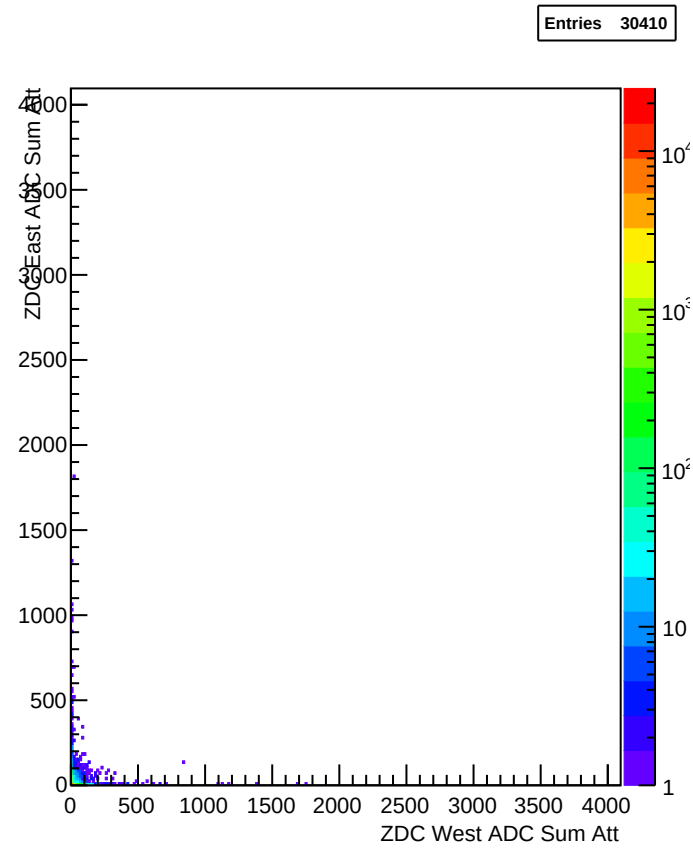

Entries 30410
BBC-S-East ADC Sum
VPD-East ADC Sum

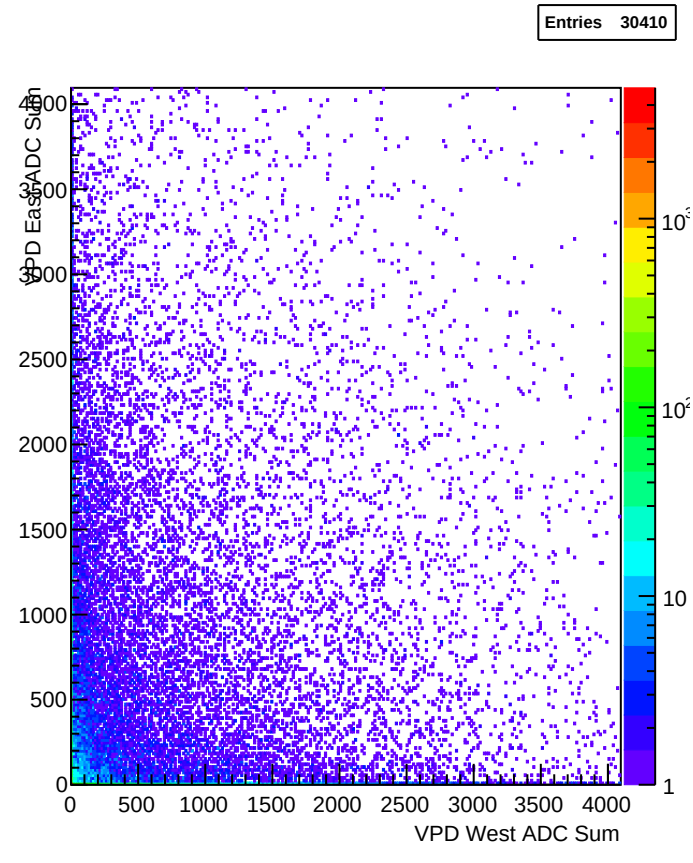

Entries 30410
BBC-S-West ADC Sum
VPD-West ADC Sum

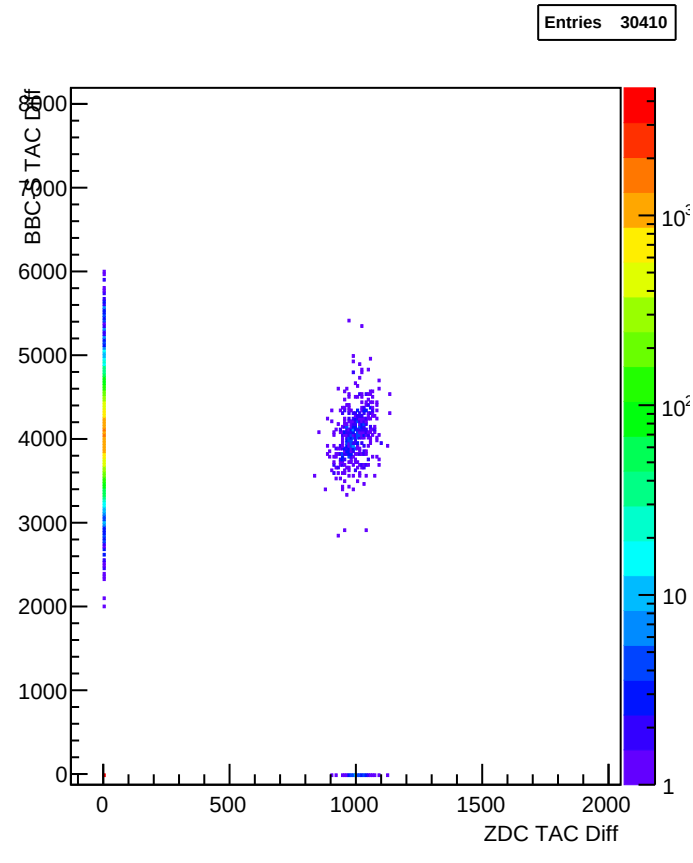

Entries 30410
VPD-East ADC Sum
ZDC-East ADC Sum Att

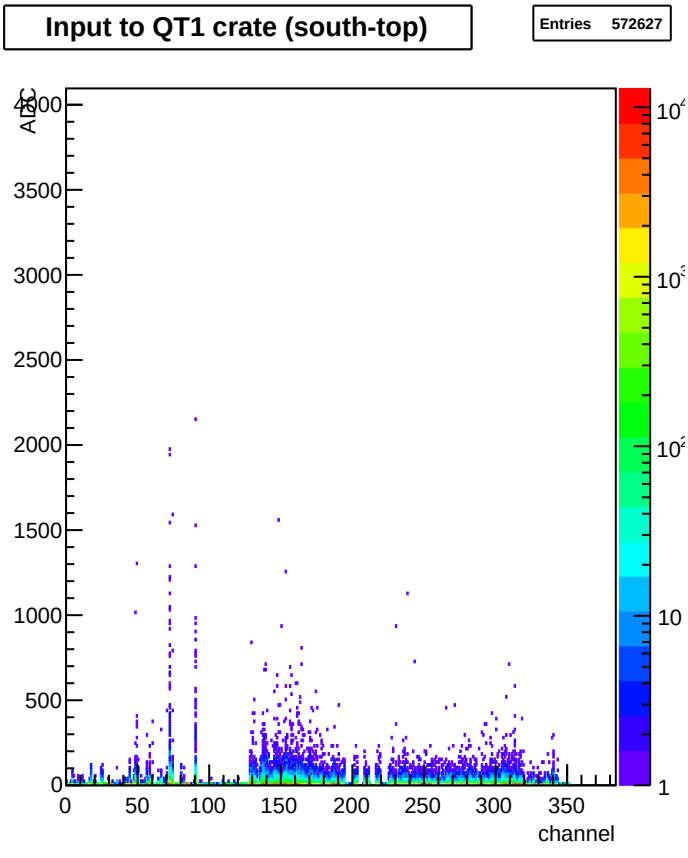

Entries 30410
VPD-West ADC Sum
ZDC-West ADC Sum Att

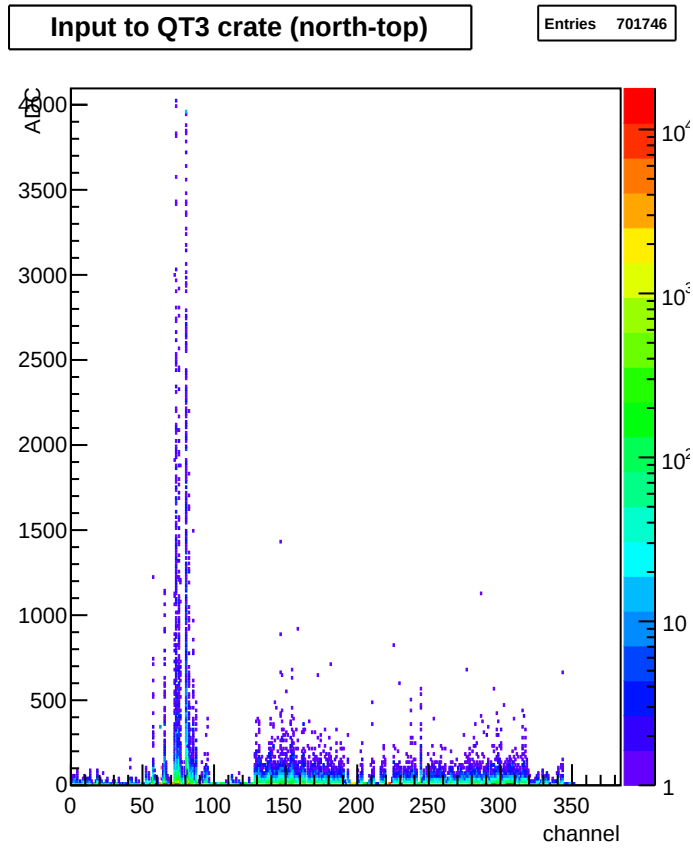

Entries 30410
BBC-S-East ADC Sum
BBC-S-West ADC Sum

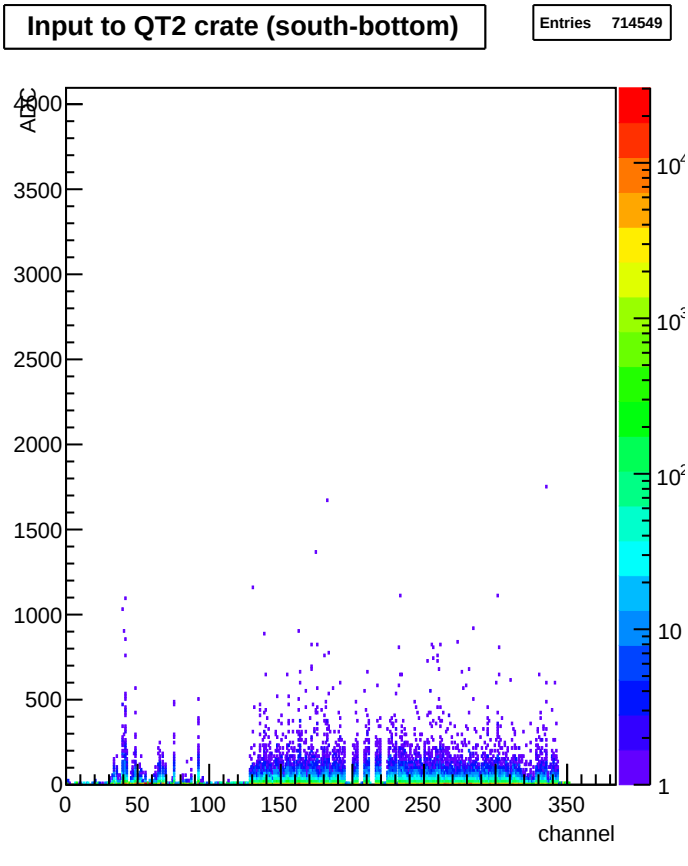

Entries 30410
ZDC East ADC Sum Att
ZDC West ADC Sum Att

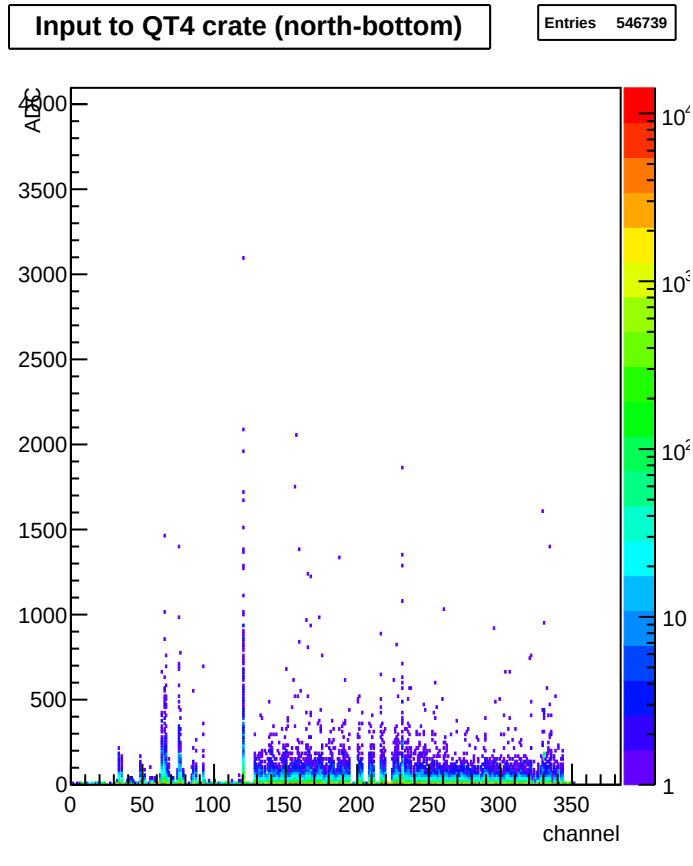

Entries 30410
VPD East ADC Sum
VPD West ADC Sum

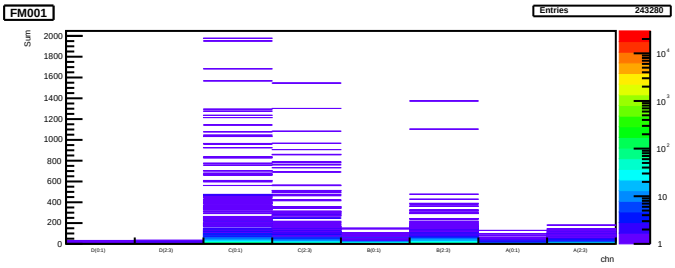

Entries 30410
BBC-S TAC Diff
ZDC TAC Diff

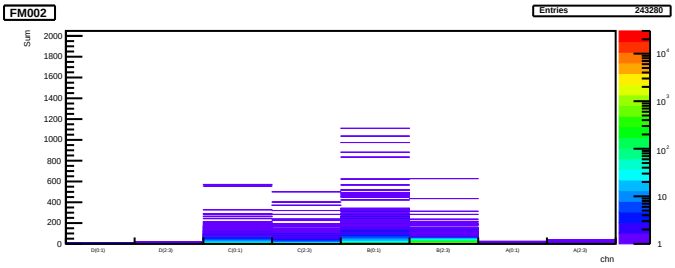

Input to QT1 crate (south-top)
Entries 572627
ADC
channel

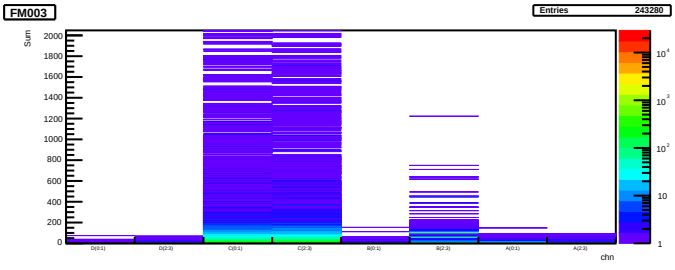

Input to QT3 crate (north-top)
Entries 701746
ADC
channel

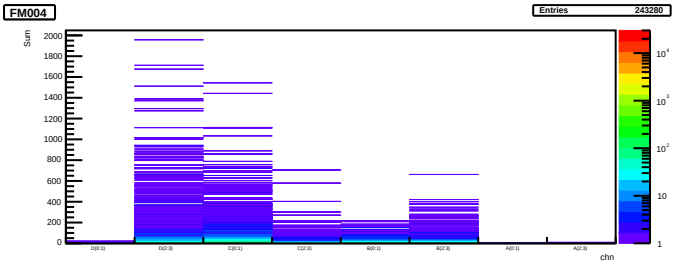

Input to QT2 crate (south-bottom)
Entries 714549
ADC
channel

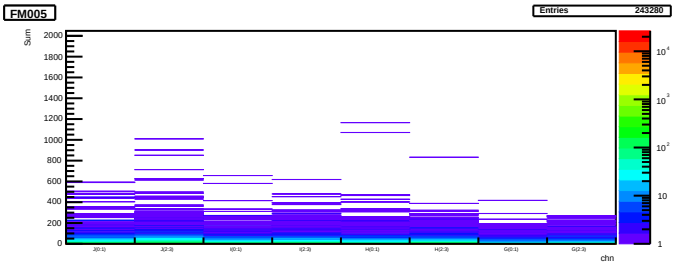

Input to QT4 crate (north-bottom)
Entries 546739
ADC
channel

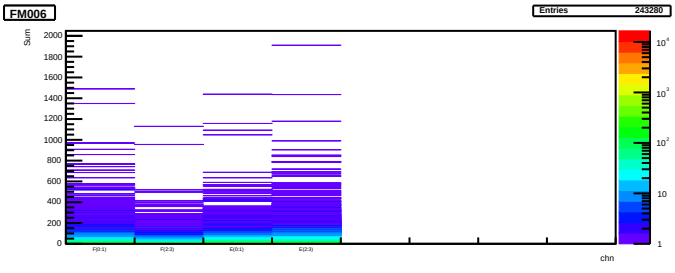

FM001
Entries 243280
Sum
chn

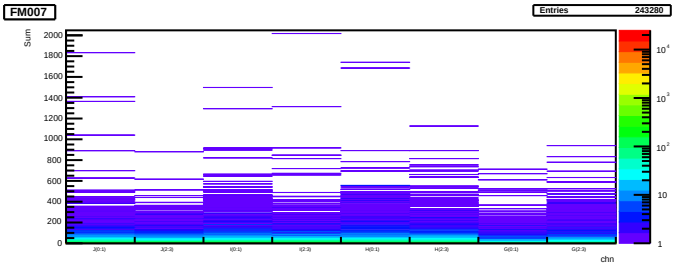

FM002
Entries 243280
Sum
chn

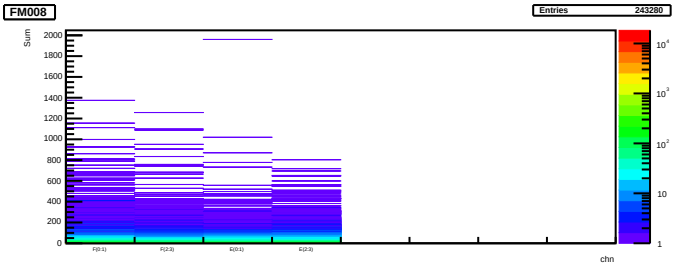

FM003
Entries 243280
Sum
chn

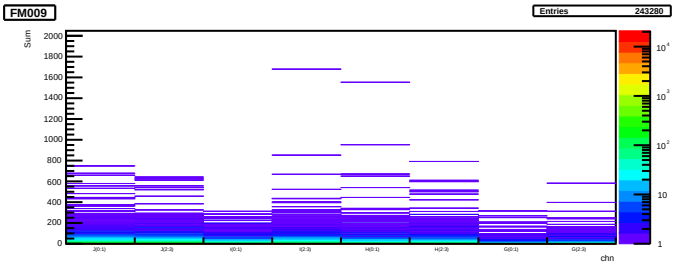

FM004
Entries 243280
Sum
chn

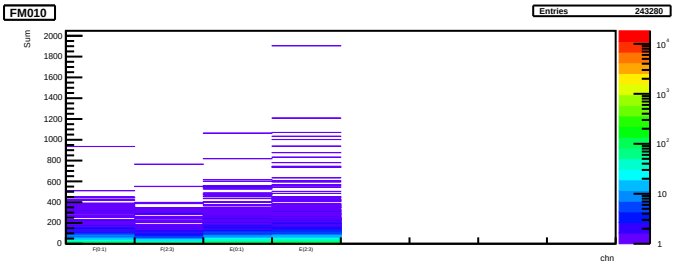

FM005
Entries 243280
Sum
chn

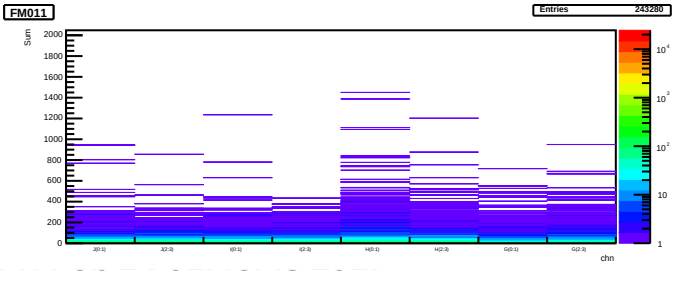

FM006
Entries 243280
Sum
chn

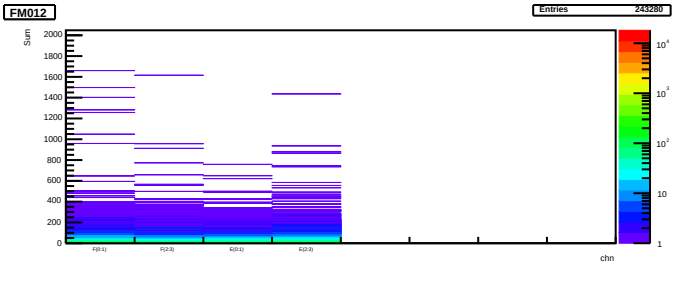

FM007
Entries 243280
Sum
chn

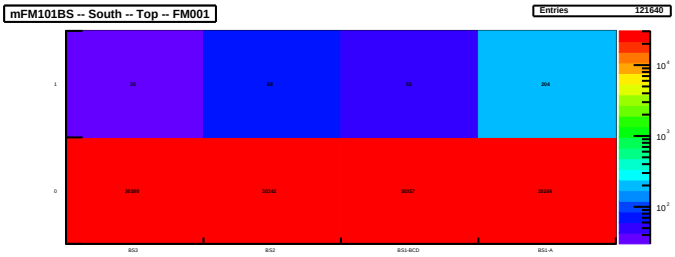

FM008
Entries 243280
Sum
chn

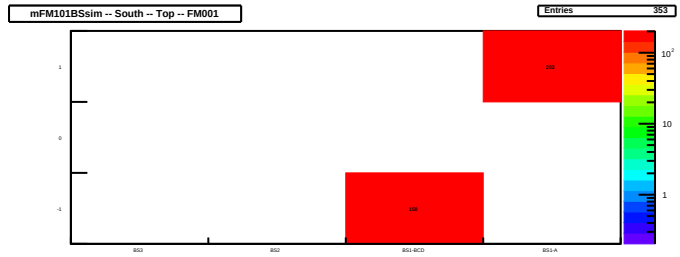

FM009
Entries 243280
Sum
chn

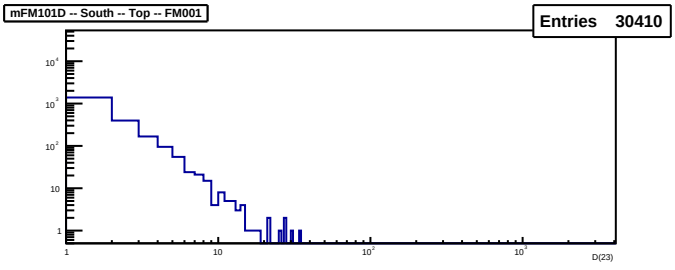

FM010
Entries 243280
Sum
chn

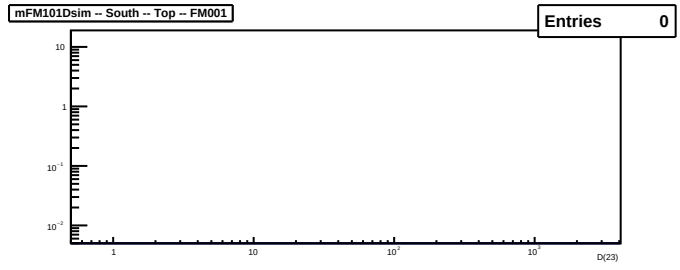

FM011
Entries 243280
Sum
chn

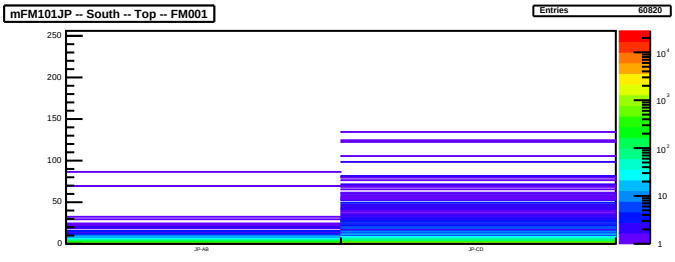

FM012
Entries 243280
Sum
chn

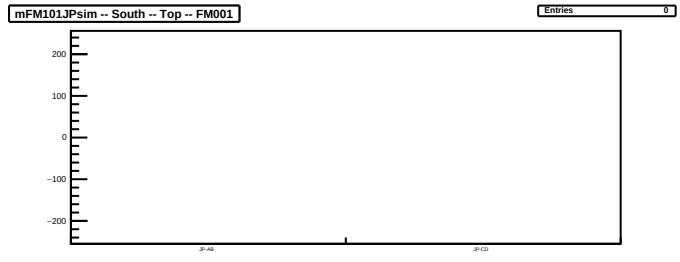

mFM101BS -- South -- Top -- FM001
Entries 121640

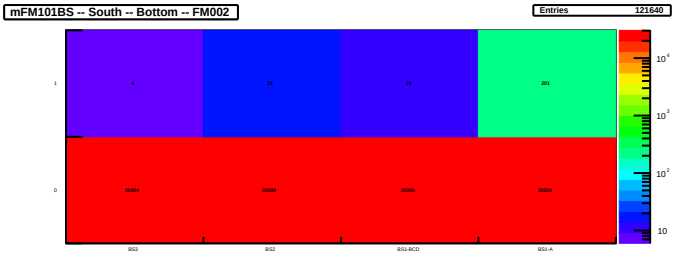

mFM101BSsim -- South -- Top -- FM001
Entries 353

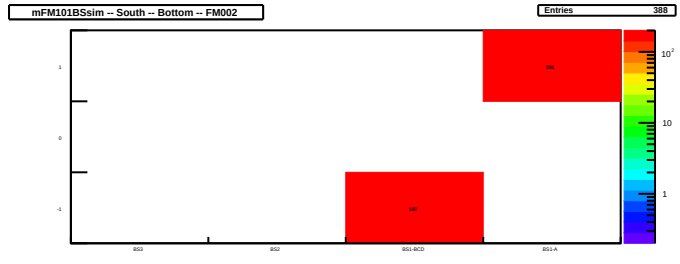

mFM101D -- South -- Top -- FM001
Entries 30410
D(23)

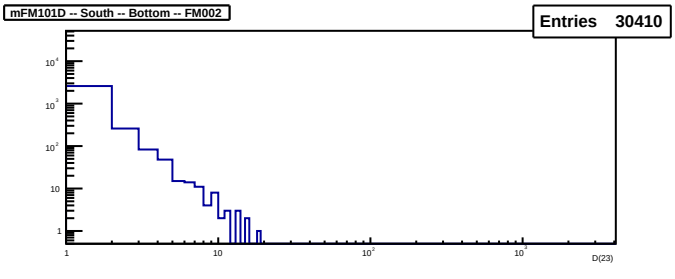

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

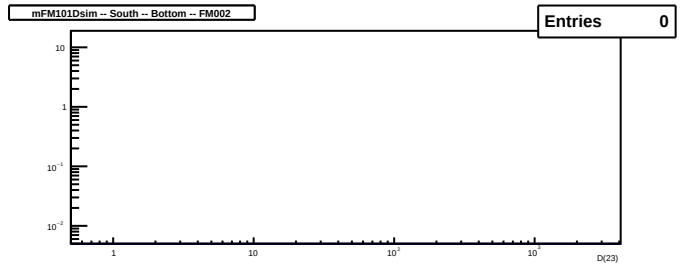

mFM101JP -- South -- Top -- FM001
Entries 60820


mFM101JPsim -- South -- Top -- FM001
Entries 0


mFM101BS -- South -- Bottom -- FM002
Entries 121640


mFM101BSsim -- South -- Bottom -- FM002
Entries 388


mFM101D -- South -- Bottom -- FM002
Entries 30410
D(23)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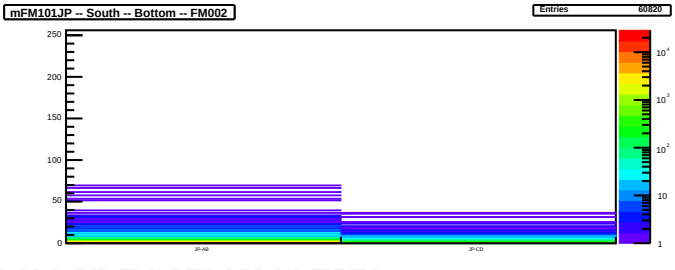
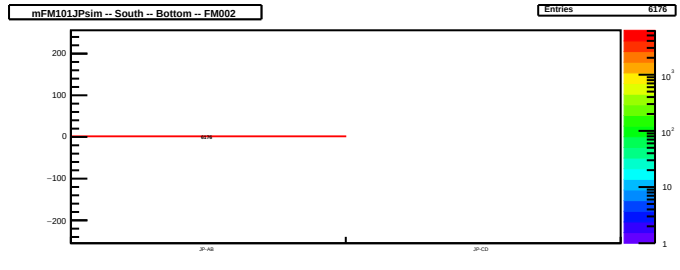
Entries 0
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 60820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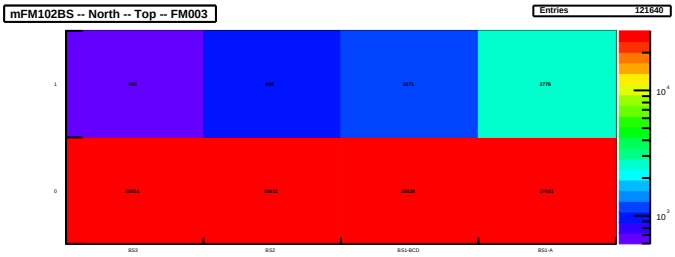
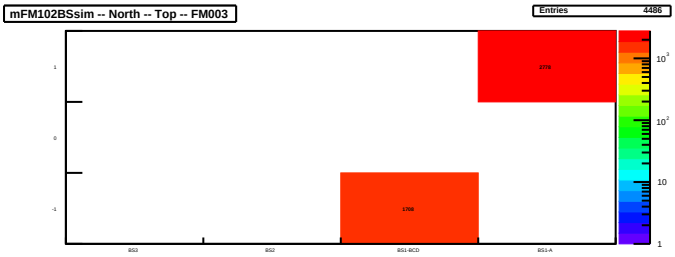
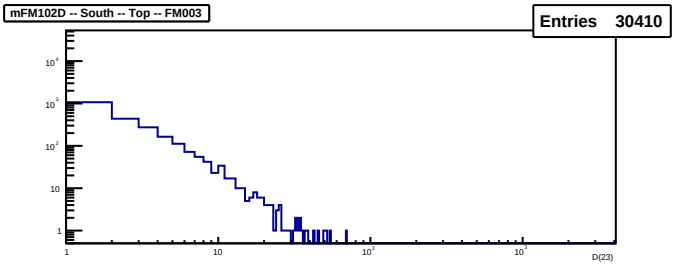
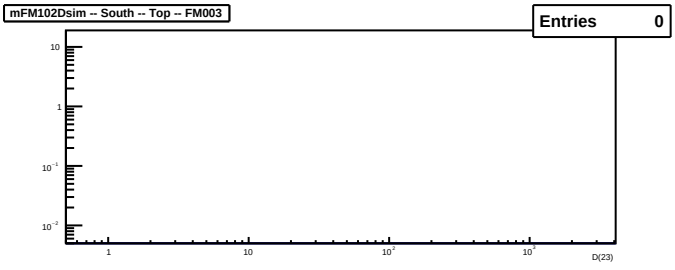

mFM102BS -- North -- Top -- FM003
Entries 121640


mFM102BSsim -- North -- Top -- FM003
Entries 4486


mFM102D -- South -- Top -- FM003
Entries 30410
D(23)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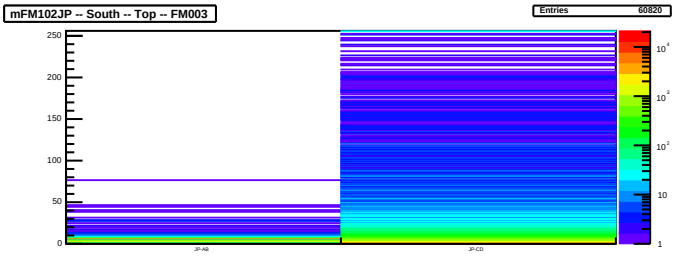
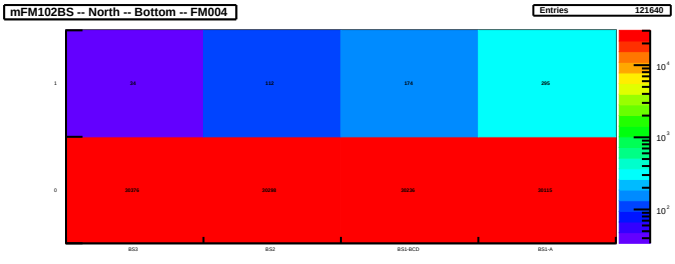
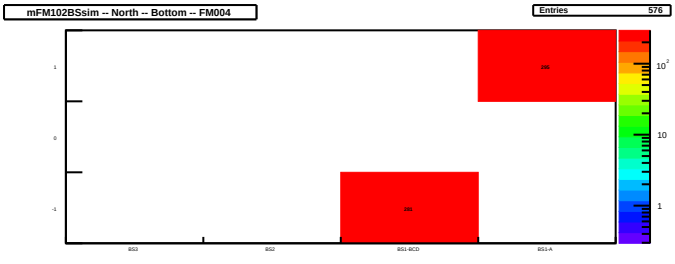
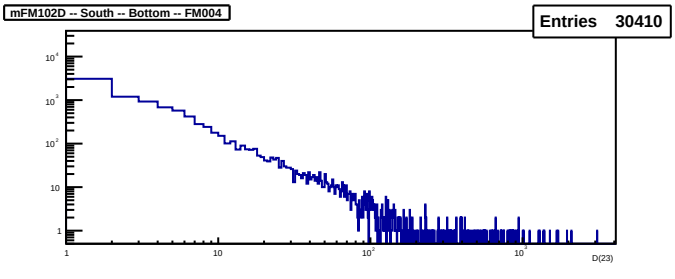
Entries 0
D(23)

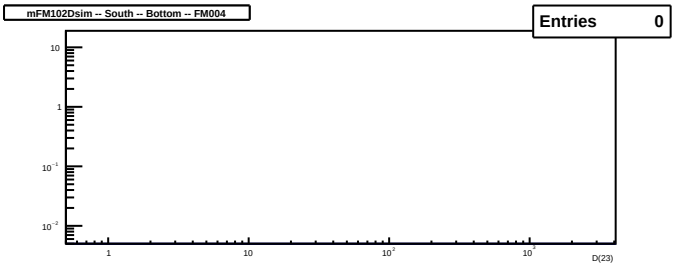

mFM102JP -- South -- Top -- FM003
Entries 60820

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


mFM102BS -- North -- Bottom -- FM004
Entries 121640


mFM102BSsim -- North -- Bottom -- FM004
Entries 576


mFM102D -- South -- Bottom -- FM004
Entries 30410
D(23)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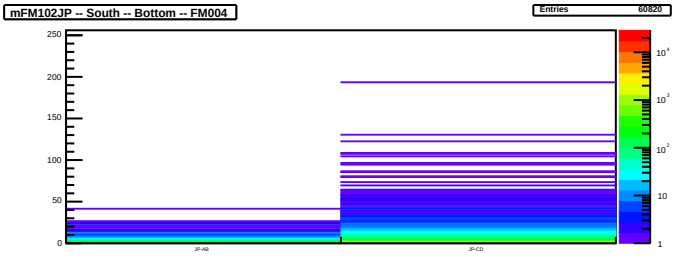
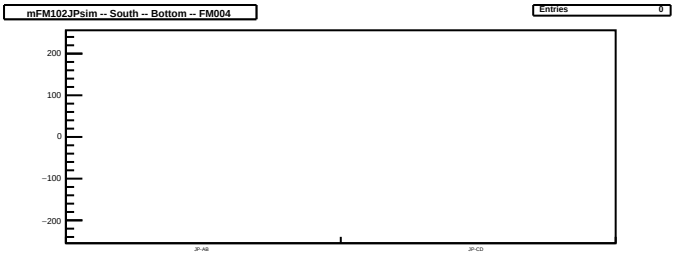
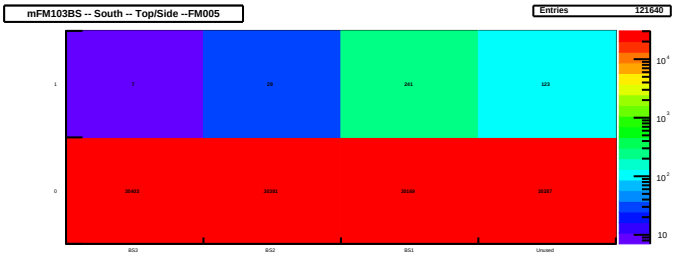
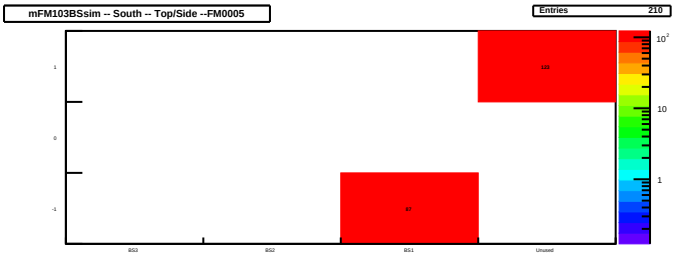
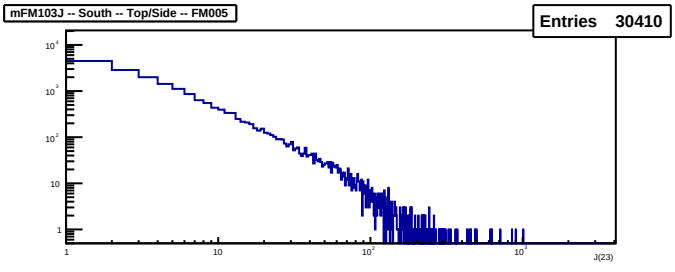
Entries 0
D(23)

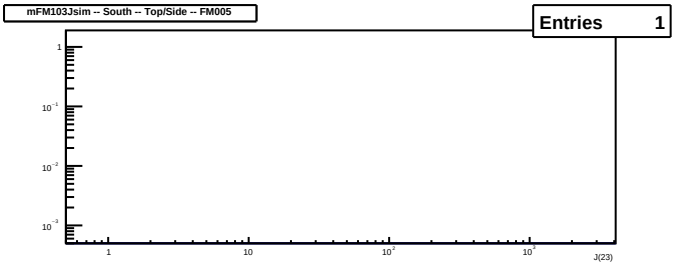

mFM102JP -- South -- Bottom -- FM004
Entries 60820

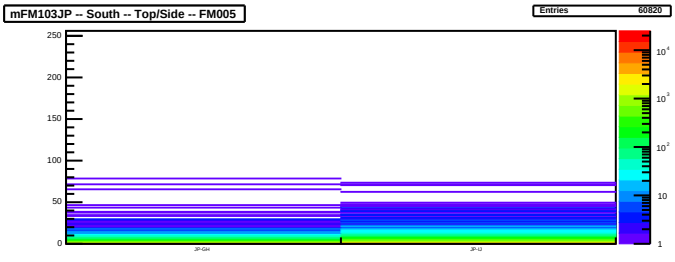

mFM102JPsim -- South -- Bottom -- FM004
Entries 0

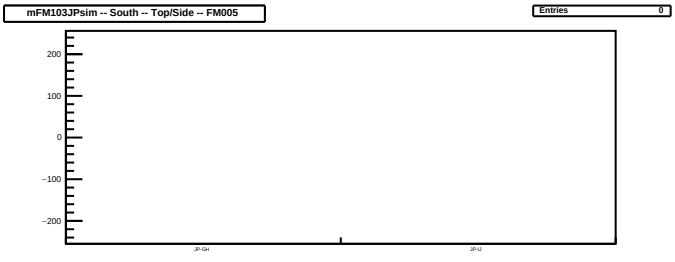

mFM103BS -- South -- Top/Side --FM005
Entries 121640
7
29
241
123
30493
30391
30169
30287
BS3
BS2
BS1
Unused

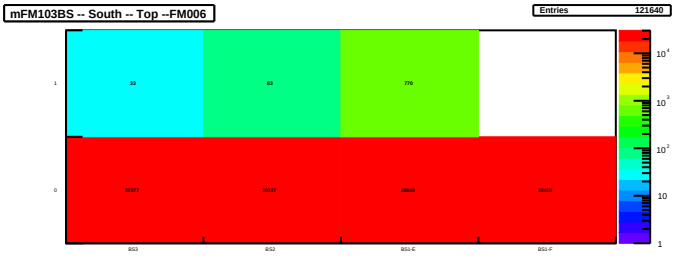

mFM103BSsim -- South -- Top/Side --FM0005
Entries 210
123
87
BS3
BS2
BS1
Unused

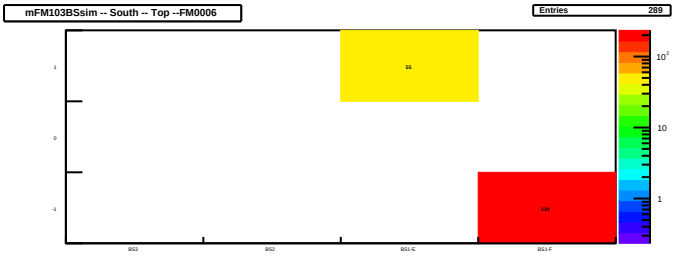

mFM103J -- South -- Top/Side -- FM005
Entries 30410
J(23)

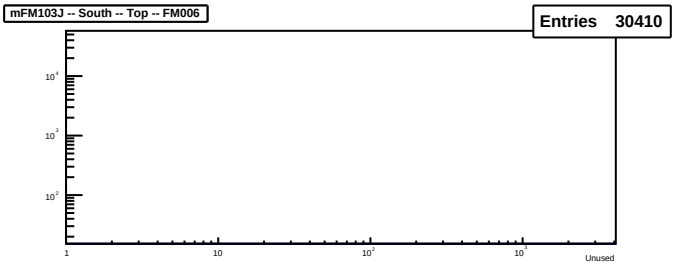

mFM103Jsim -- South -- Top/Side -- FM005
Entries 1
J(23)

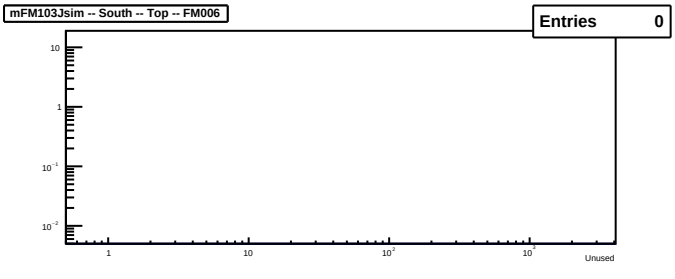

mFM103JP -- South -- Top/Side -- FM005
Entries 60820
JP-GH
JP-IJ

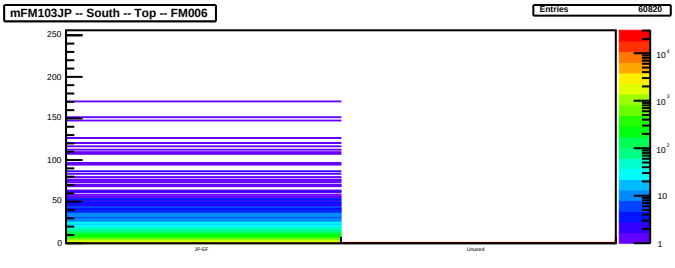

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ

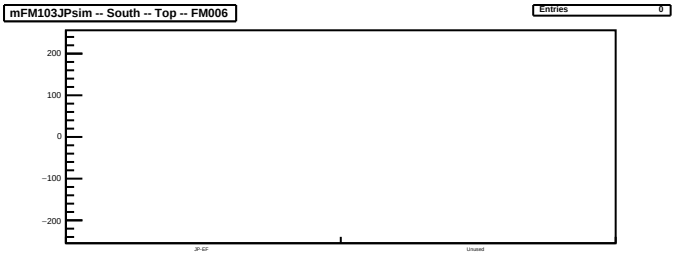

mFM103BS -- South -- Top --FM006
Entries 121640
33
83
770
30277
30327
29640
30410
BS3
BS2
BS1-E
BS1-F

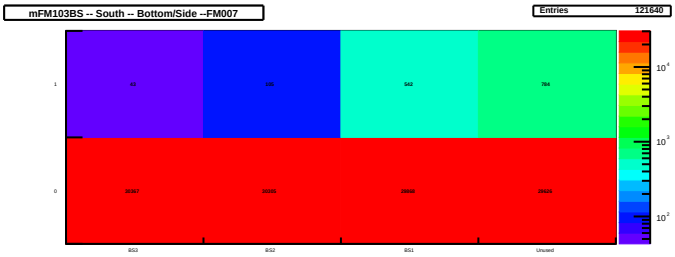

mFM103BSsim -- South -- Top --FM0006
Entries 289
55
234
BS3
BS2
BS1-E
BS1-F

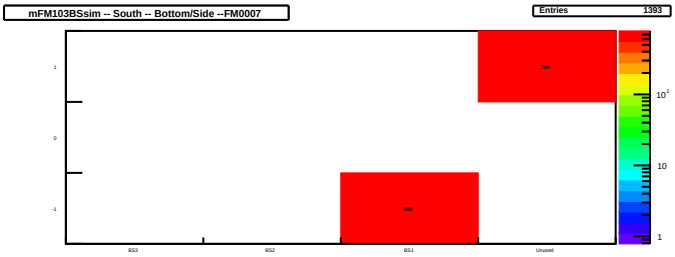

mFM103J -- South -- Top -- FM006
Entries 30410
Unused

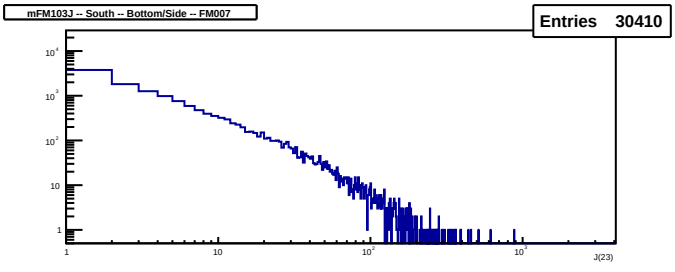

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

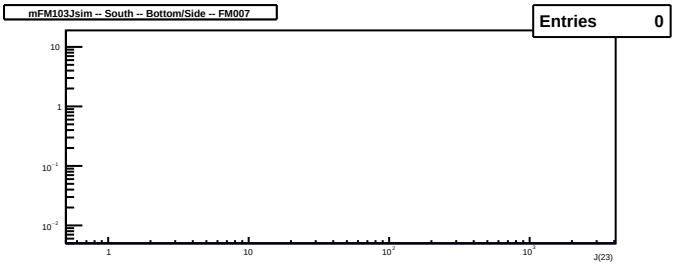

mFM103JP -- South -- Top -- FM006
Entries 60820
JP-EF
Unused

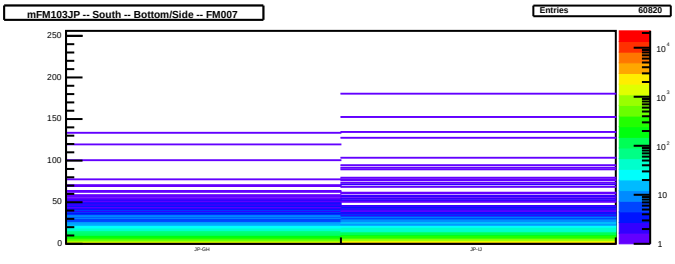

mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

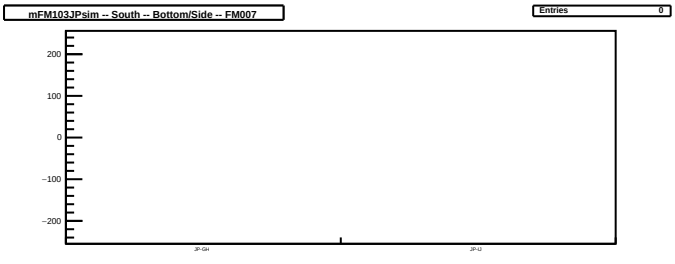

mFM103BS -- South -- Bottom/Side --FM007
Entries 121640
43
145
542
784
30397
30395
29868
29626
BS3
BS2
BS1
Unused

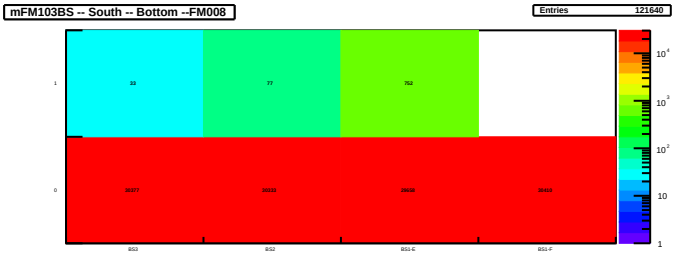

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 1393
784
609
BS3
BS2
BS1
Unused

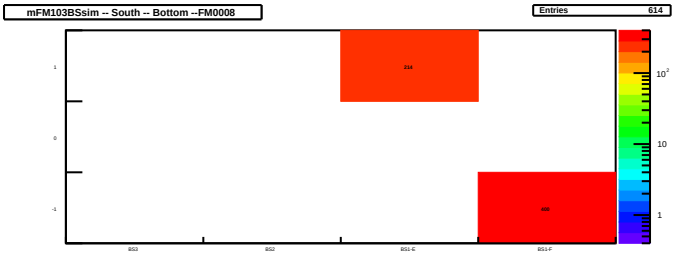

mFM103J -- South -- Bottom/Side -- FM007
Entries 30410
J(23)

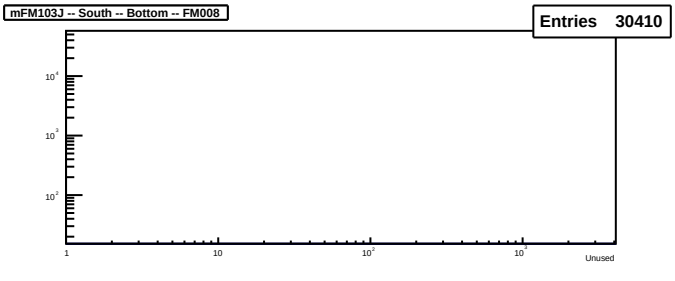

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

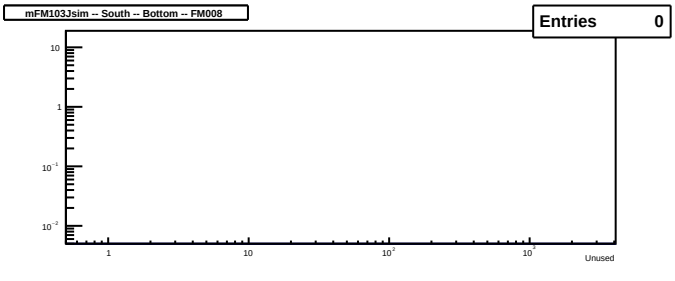

mFM103JP -- South -- Bottom/Side -- FM007
Entries 60820
JP-GH
JP-IJ


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


mFM103BS -- South -- Bottom --FM008
Entries 121640
33
77
752
30377
30333
29658
30410
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 614
214
400
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 30410
Unused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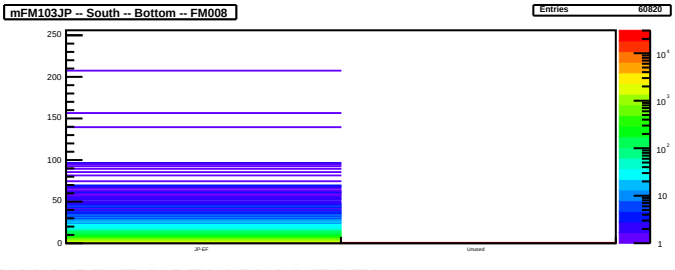
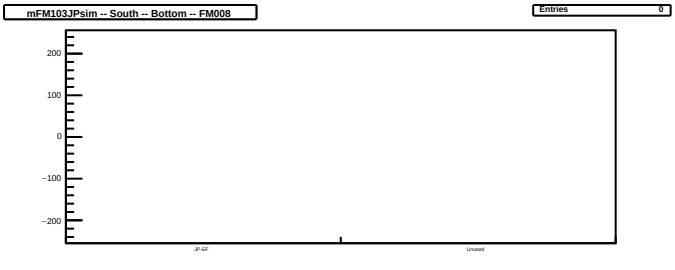
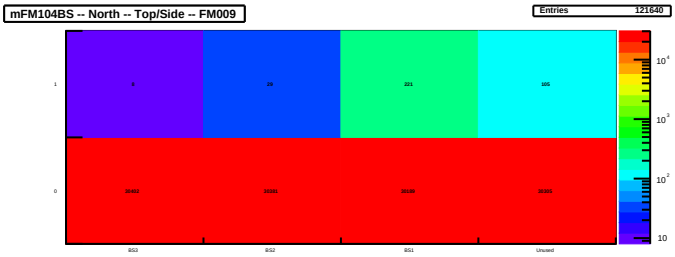
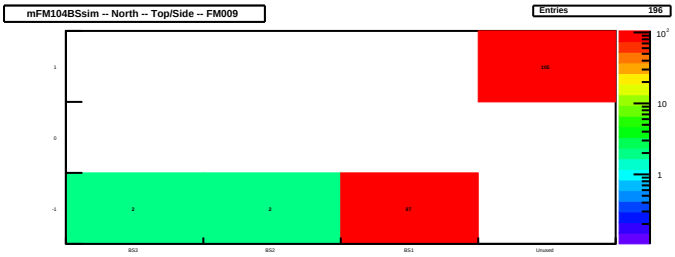
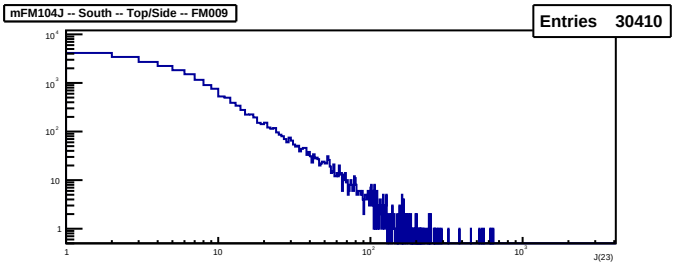
Entries 0
Unused

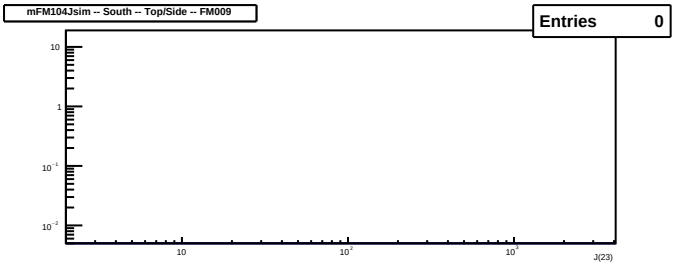

mFM103JP -- South -- Bottom -- FM008
Entries 60820
JP-EF
Unused

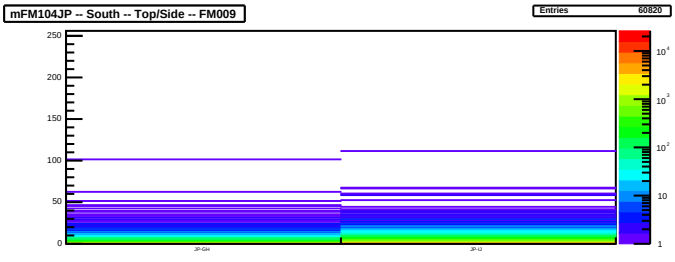

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

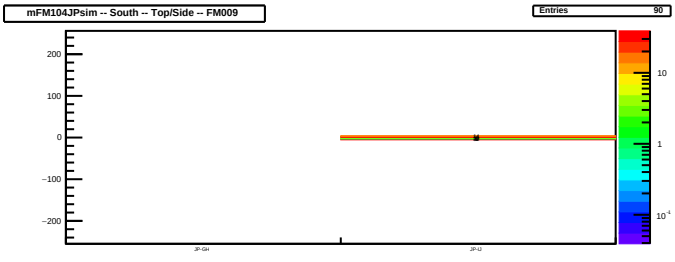

mFM104BS -- North -- Top/Side -- FM009
Entries 121640


mFM104BSsim -- North -- Top/Side -- FM009
Entries 196


mFM104J -- South -- Top/Side -- FM009
Entries 30410
J(23)


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


mFM104JP -- South -- Top/Side -- FM009
Entries 60820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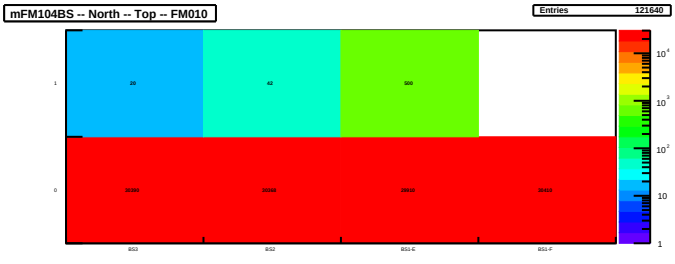
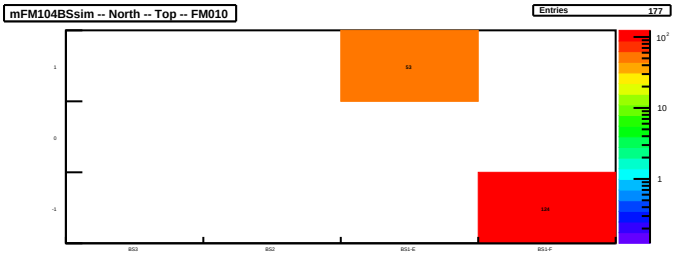
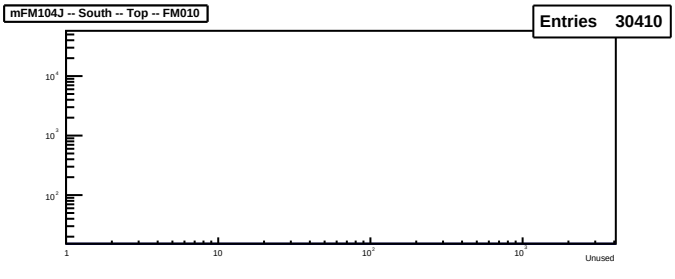
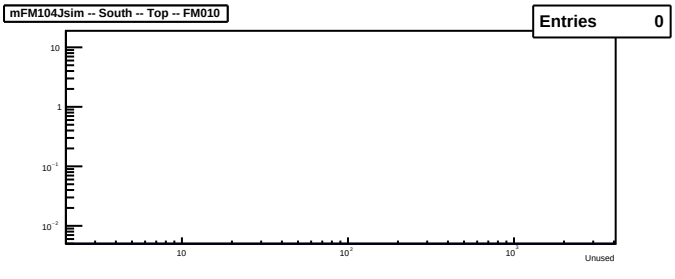
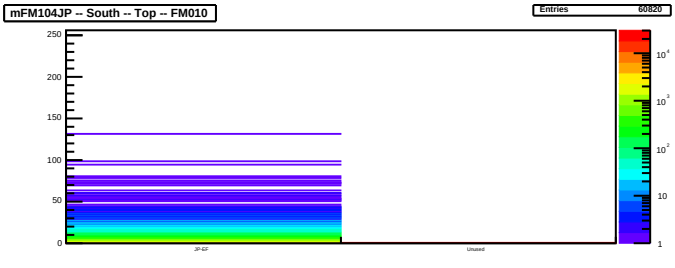
Entries 90

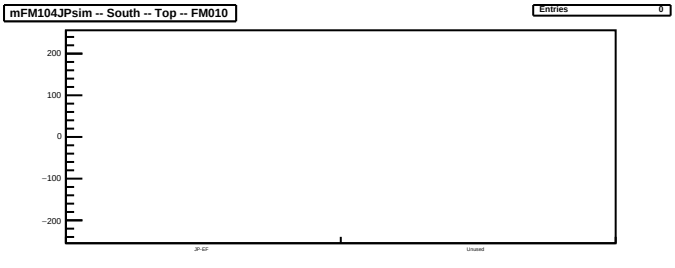

mFM104BS -- North -- Top -- FM010
Entries 121640

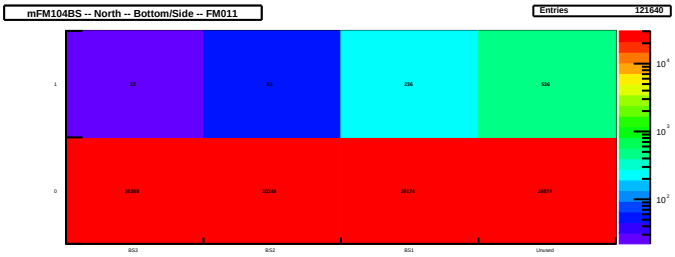

mFM104BSsim -- North -- Top -- FM010
Entries 177

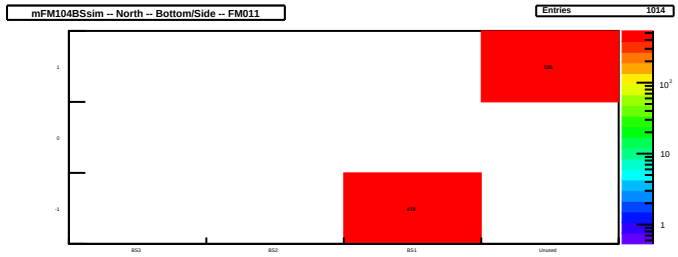

mFM104J -- South -- Top -- FM010
Entries 30410
Unused

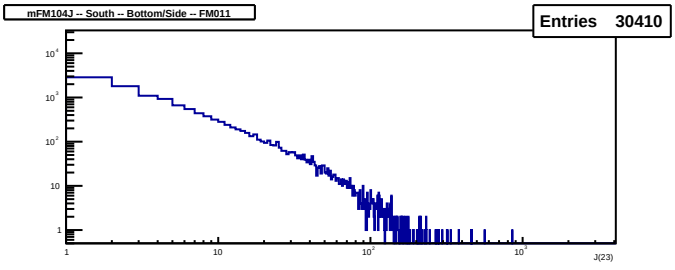

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

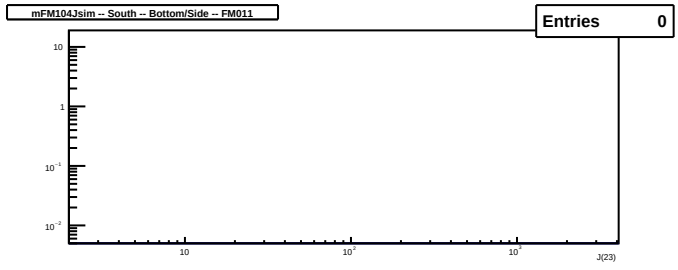

mFM104JP -- South -- Top -- FM010
Entries 60820

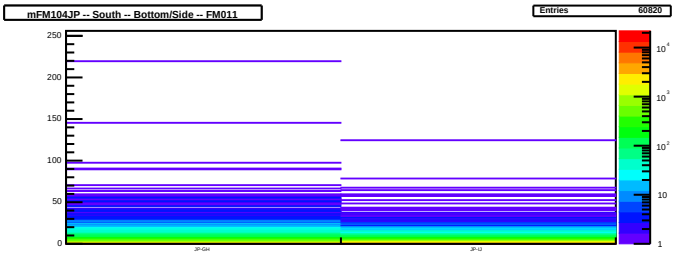

mFM104JPsim -- South -- Top -- FM010
Entries 0

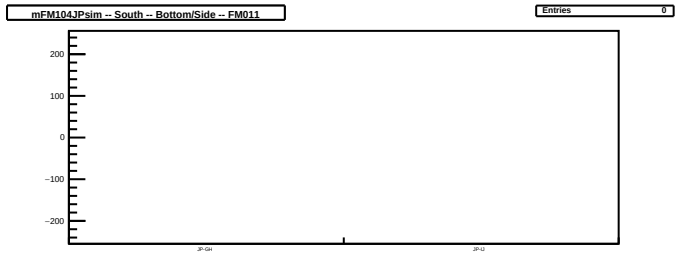

mFM104BS -- North -- Bottom/Side -- FM011
Entries 121640

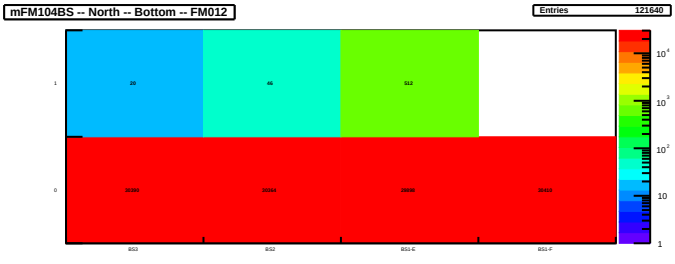

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1014

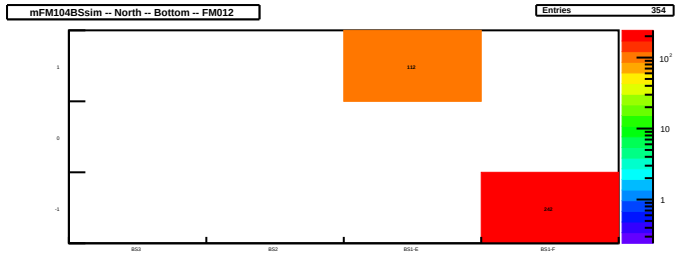

mFM104J -- South -- Bottom/Side -- FM011
Entries 30410
J(23)

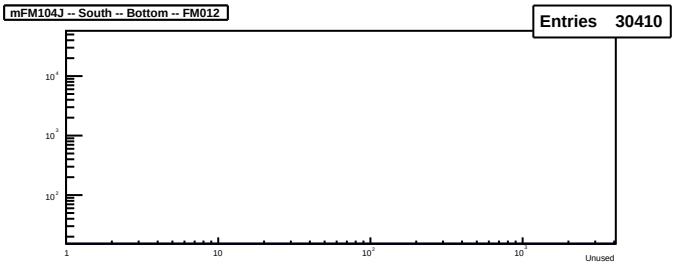

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

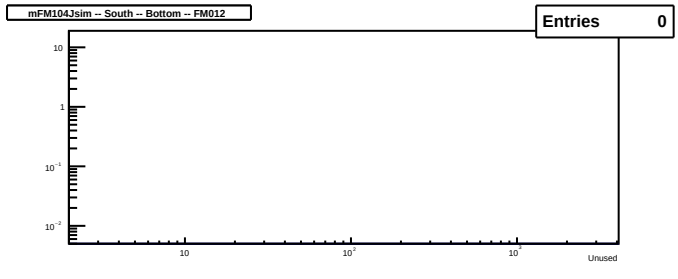

mFM104JP -- South -- Bottom/Side -- FM011
Entries 60820

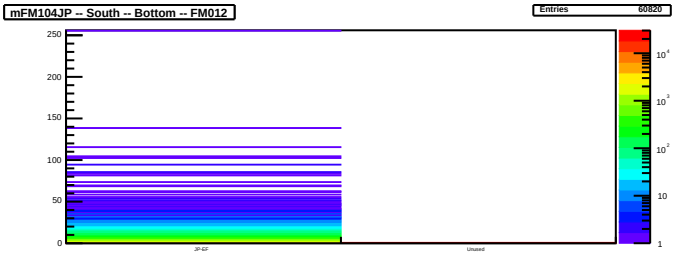

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0


mFM104BS -- North -- Bottom -- FM012
Entries 121640

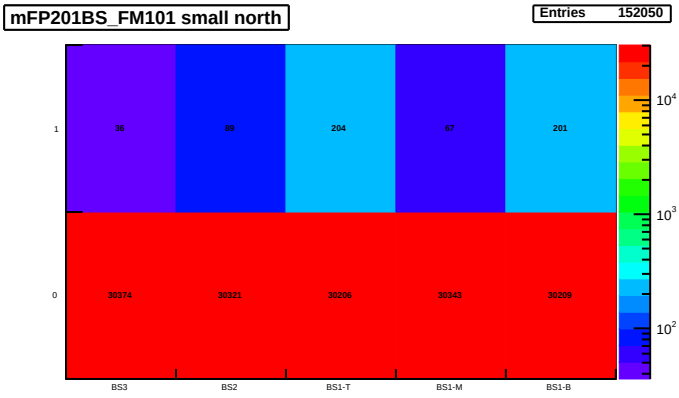

mFM104BSsim -- North -- Bottom -- FM012
Entries 354

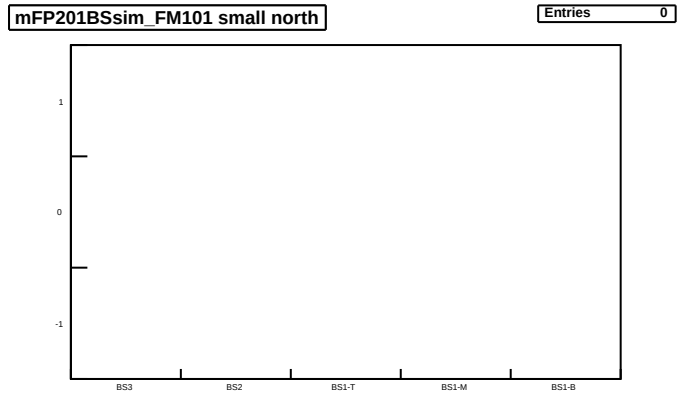

mFM104J -- South -- Bottom -- FM012
Entries 30410
Unused

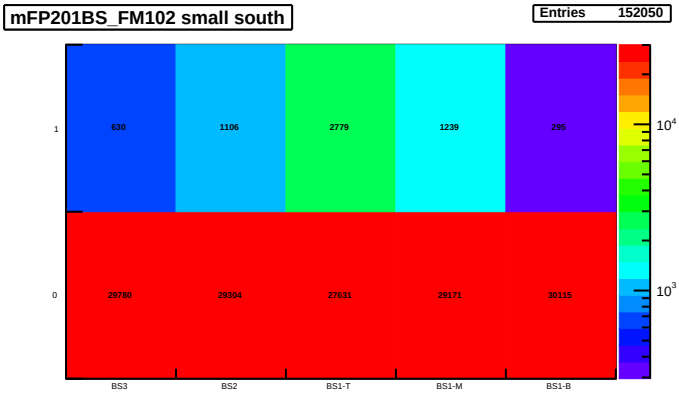

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

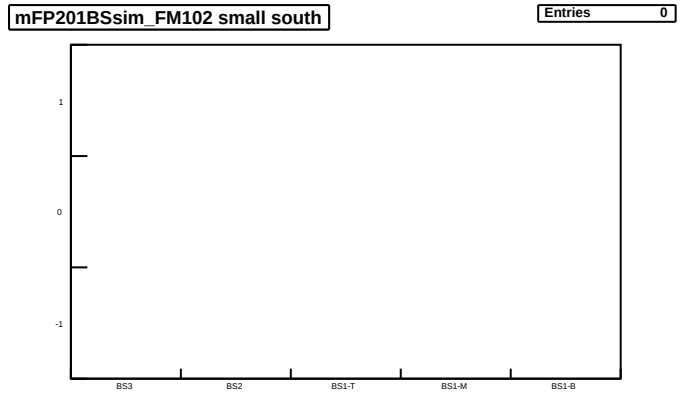

mFM104JP -- South -- Bottom -- FM012
Entries 60820

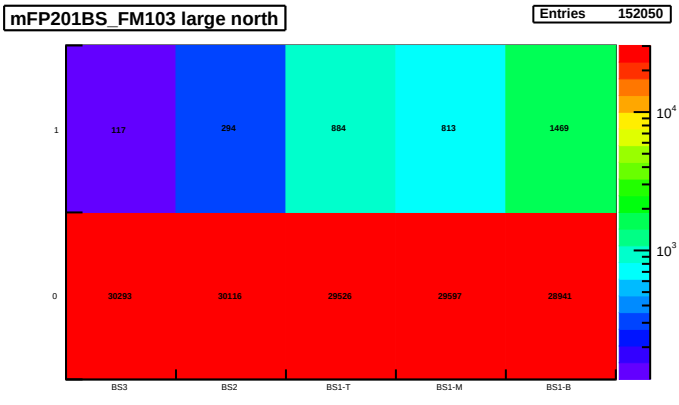
mFM104JPsim -- South -- Bottom -- FM012
Entries 0

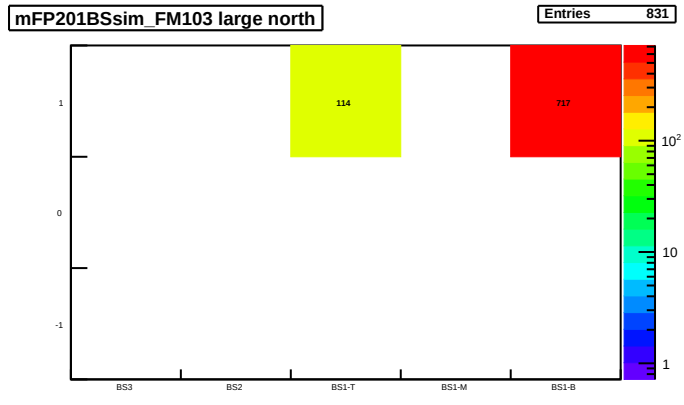

mFP201BS_FM101 small north
Entries 152050
36
89
204
67
201
30374
30321
30206
30343
30209
BS3
BS2
BS1-T
BS1-M
BS1-B

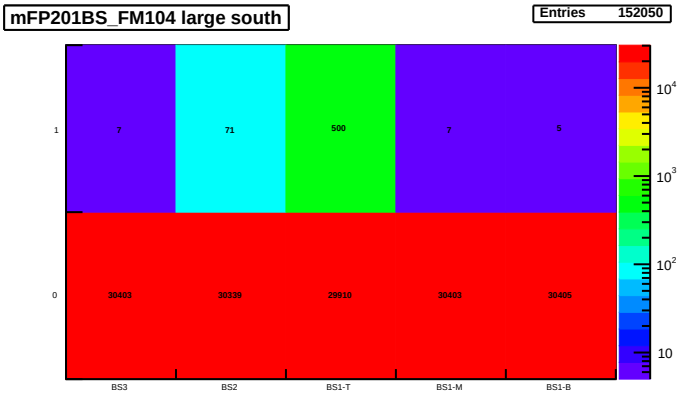

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

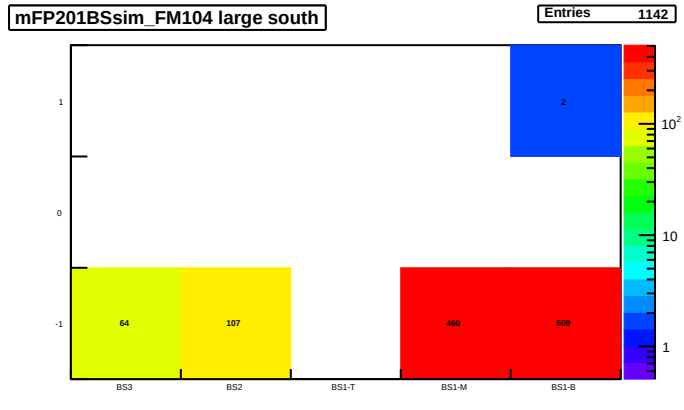

mFP201BS_FM102 small south
Entries 152050
630
1106
2779
1239
295
29780
29304
27631
29171
30115
BS3
BS2
BS1-T
BS1-M
BS1-B

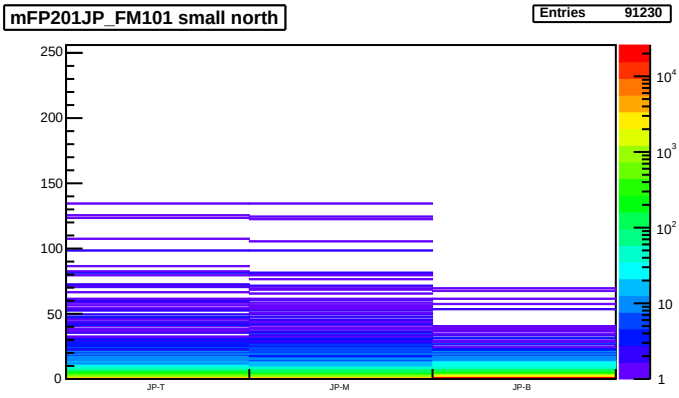

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

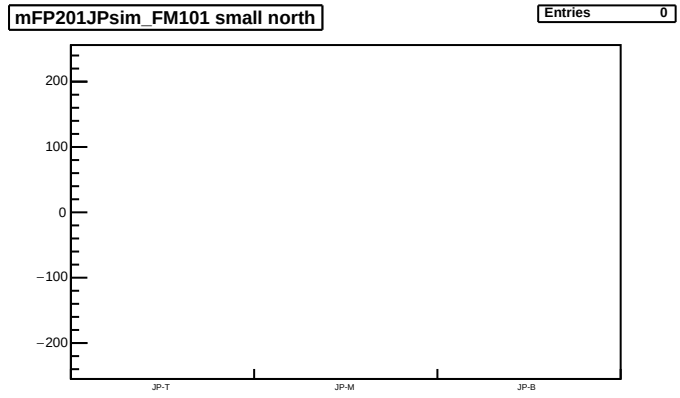

mFP201BS_FM103 large north
Entries 152050
117
294
884
813
1469
30293
30116
29526
29597
28941
BS3
BS2
BS1-T
BS1-M
BS1-B

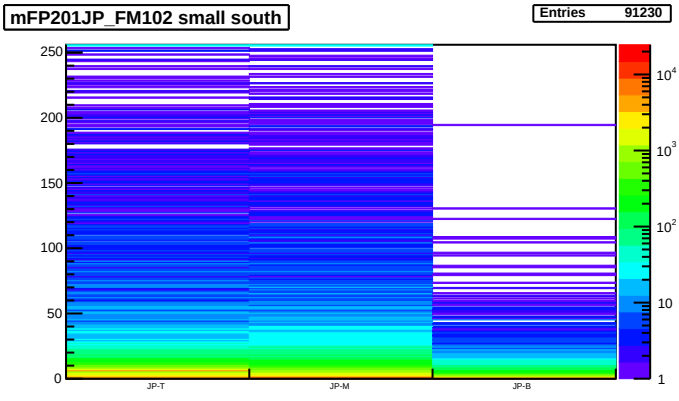

mFP201BSsim_FM103 large north
Entries 831
114
717
BS3
BS2
BS1-T
BS1-M
BS1-B

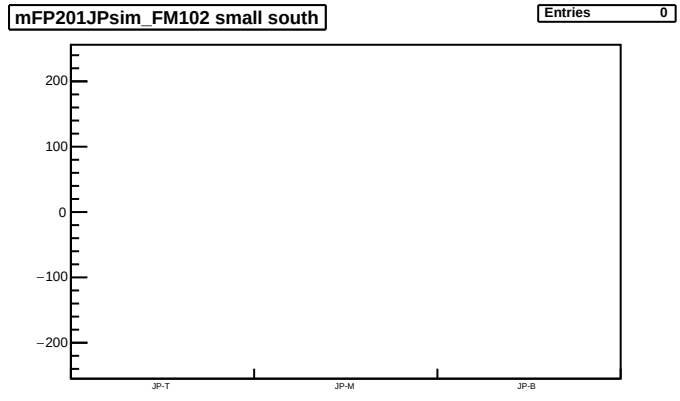

mFP201BS_FM104 large south
Entries 152050
7
71
500
7
5
30403
30339
29910
30403
30405
BS3
BS2
BS1-T
BS1-M
BS1-B

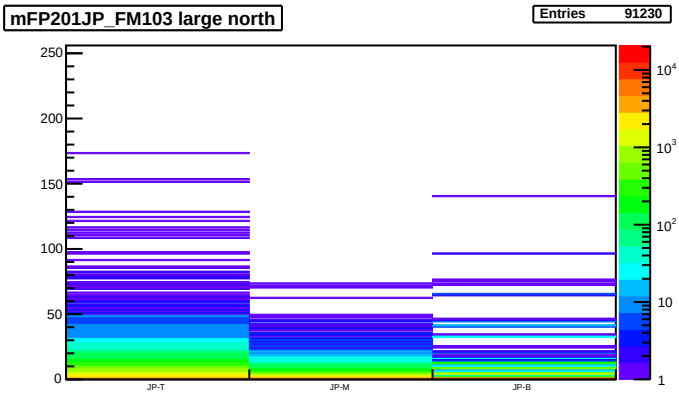

mFP201BSsim_FM104 large south
Entries 1142
2
64
107
460
509
BS3
BS2
BS1-T
BS1-M
BS1-B

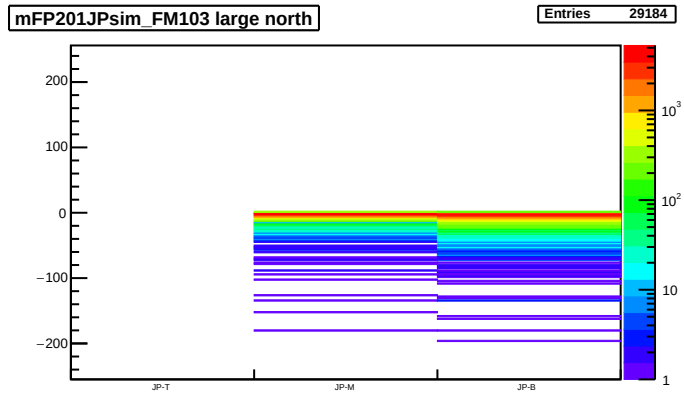

mFP201JP_FM101 small north
Entries 91230
JP-T
JP-M
JP-B

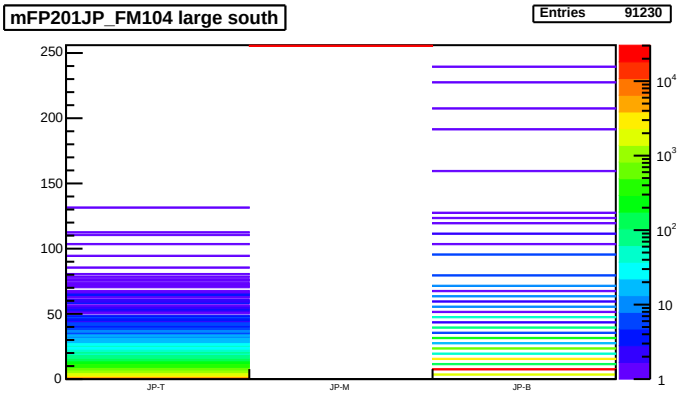

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

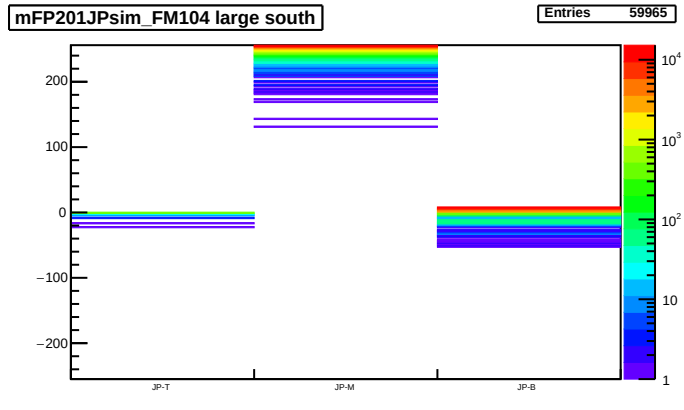

mFP201JP_FM102 small south
Entries 91230
JP-T
JP-M
JP-B

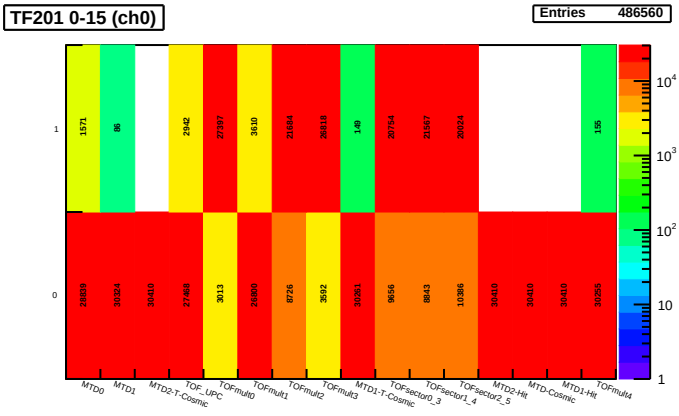

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

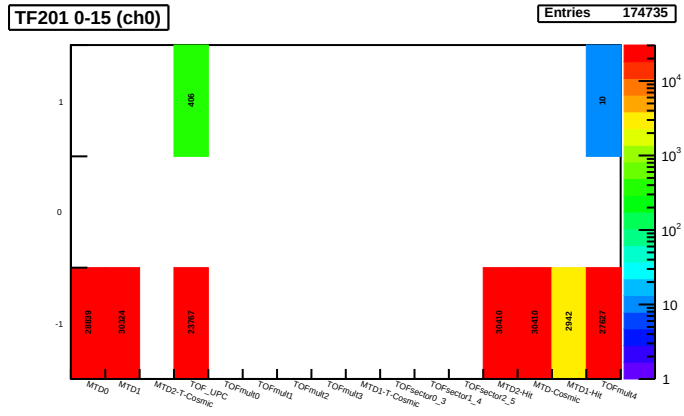

mFP201JP_FM103 large north
Entries 91230
JP-T
JP-M
JP-B

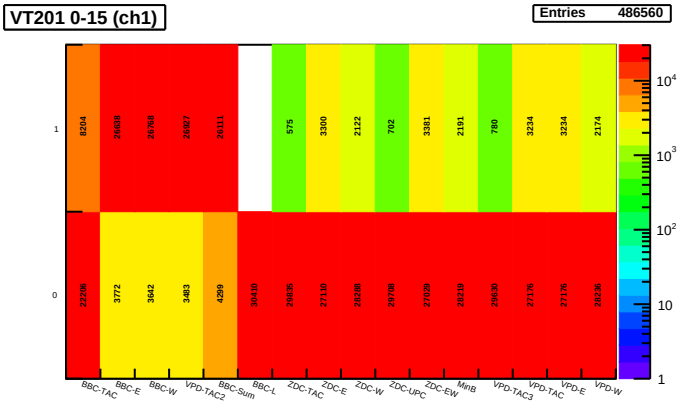

mFP201JPsim_FM103 large north
Entries 29184
JP-T
JP-M
JP-B

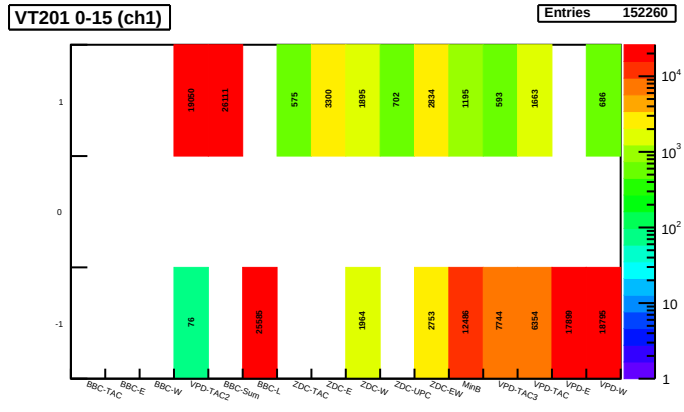

mFP201JP_FM104 large south
Entries 91230
JP-T
JP-M
JP-B

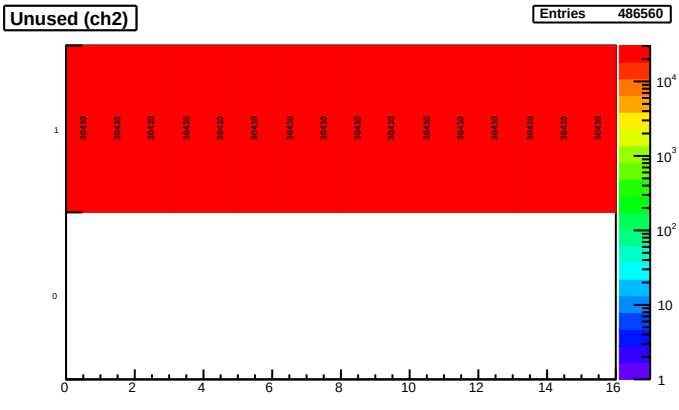

mFP201JPsim_FM104 large south
Entries 59965
JP-T
JP-M
JP-B

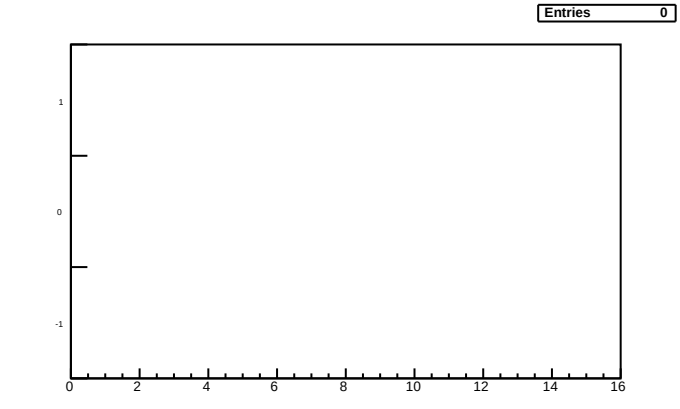

TF201 0-15 (ch0)
Entries 486560
1571 86 2942 27197 3610 21684 26818 149 20754 21567 20024 195
28839 30324 30410 27468 3013 26800 8726 3592 30251 9656 8843 10386 30410 30410 30410 30255
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

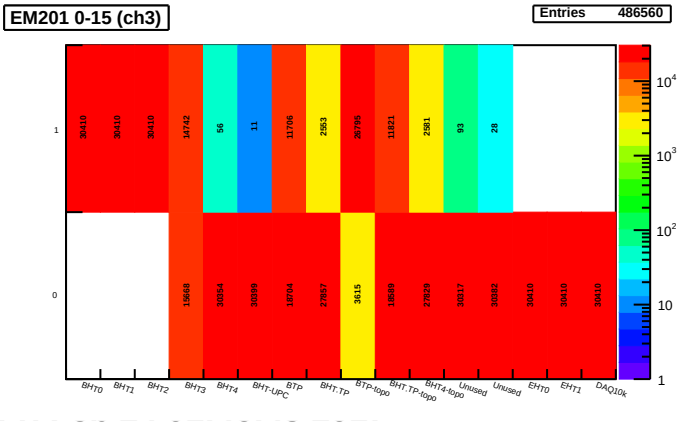

TF201 0-15 (ch0)
Entries 174735
406 10
28839 30324 23767 30410 30410 2942 27627
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

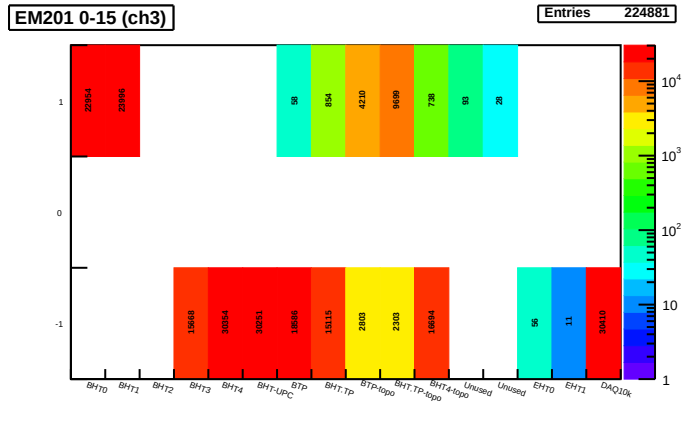

VT201 0-15 (ch1)
Entries 486560
8204 26638 26768 26927 26111 575 3300 2122 702 3381 2191 780 3234 3234 2174
22206 3772 3642 3483 4299 30410 28835 27110 28288 29708 27029 28219 29630 27176 27176 28236
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

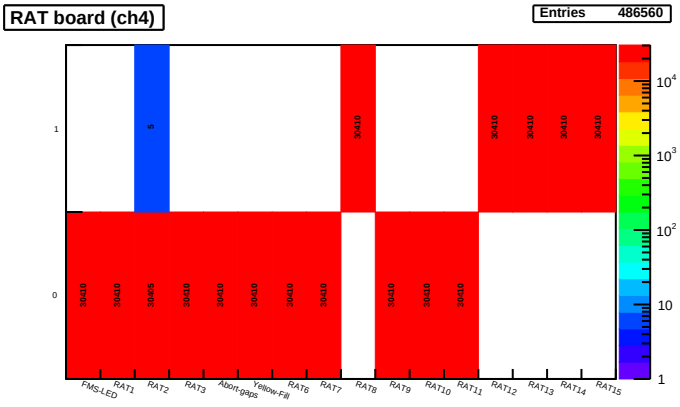

VT201 0-15 (ch1)
Entries 152260
19950 26111 575 3300 1895 702 2834 1195 593 1653 686
76 25585 1964 2753 12486 7744 6354 17899 18795
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

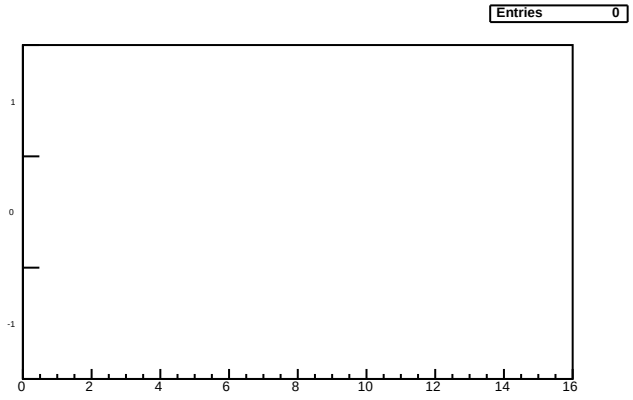

Unused (ch2)
Entries 486560
30410 30410 30410 30410 30410 30410 30410 30410 30410 30410 30410 30410 30410 30410 30410 30410

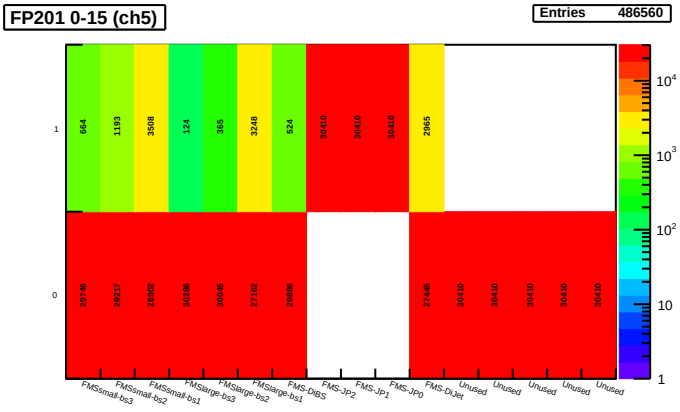

Entries 0

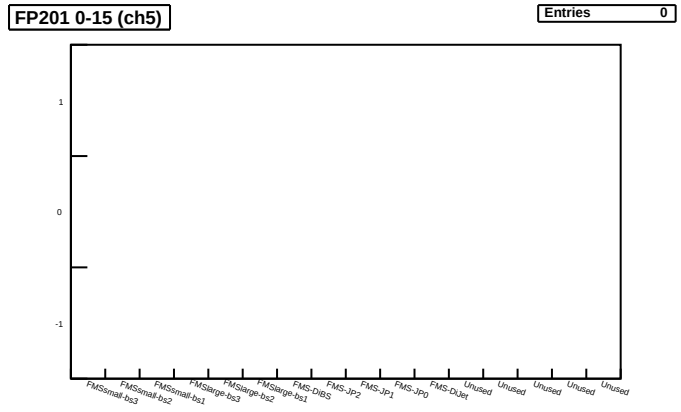

EM201 0-15 (ch3)
Entries 486560
30410 30410 30410 14742 56 11 11706 2953 26795 11821 2591 93 28
15668 30354 30399 18704 27857 3615 18589 27839 30317 30352 30410 30410 30410
BH10 BH11 BH12 BH13 BH14 BH1-UPC BTP BH1-TP BTP-topo BH1-TP-topo BH14-topo Unused Unused EH10 EH11 DAQ10k

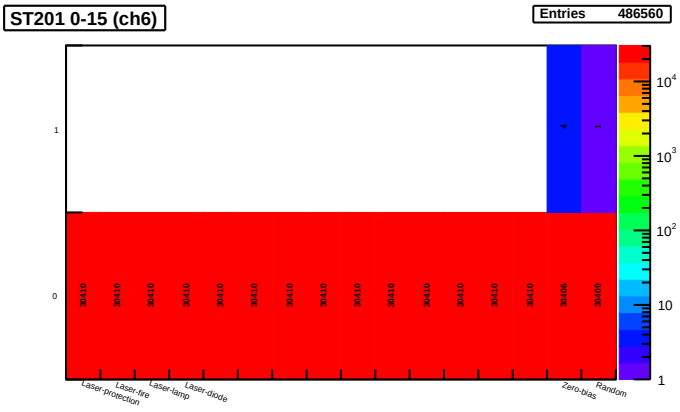

EM201 0-15 (ch3)
Entries 224881
22954 23996 58 854 4210 9699 739 93 28
15668 30354 30251 18536 15115 2803 2303 16934 56 11 30410
BH10 BH11 BH12 BH13 BH14 BH1-UPC BTP BH1-TP BTP-topo BH1-TP-topo BH14-topo Unused Unused EH10 EH11 DAQ10k

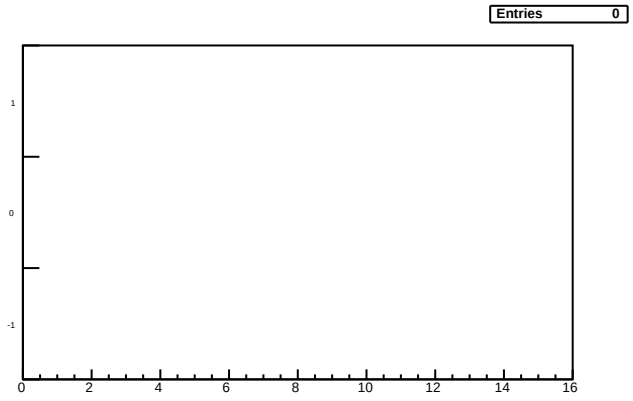

RAT board (ch4)
Entries 486560
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

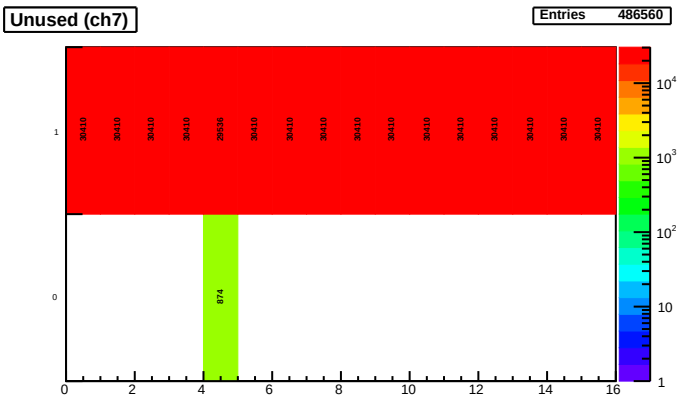

Entries 0

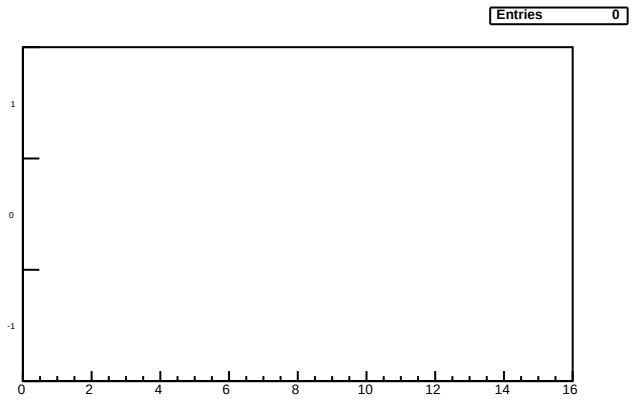

FP201 0-15 (ch5)
Entries 486560
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 486560
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bas
Random


Entries 0


Unused (ch7)
Entries 486560


Entries 0