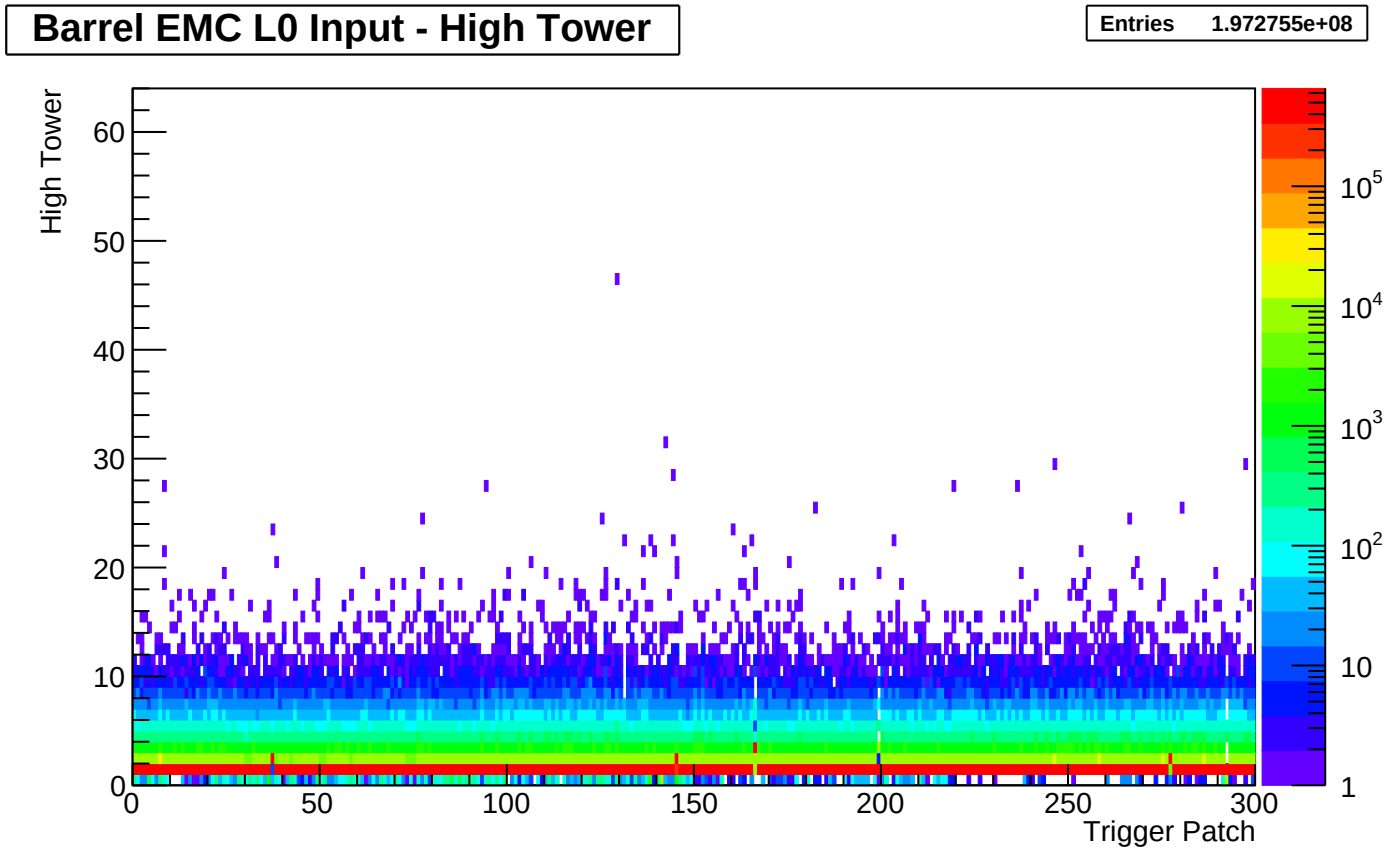
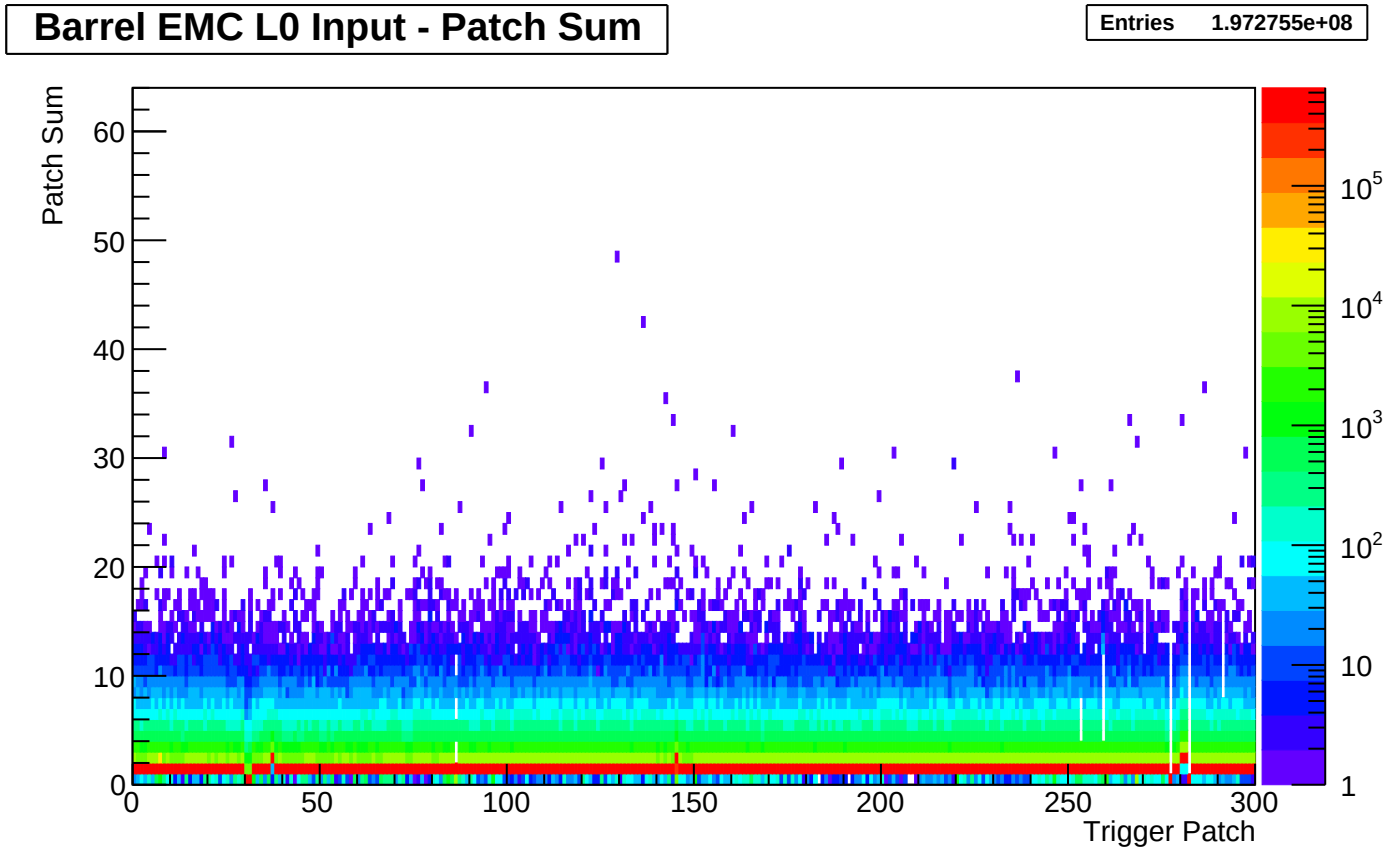
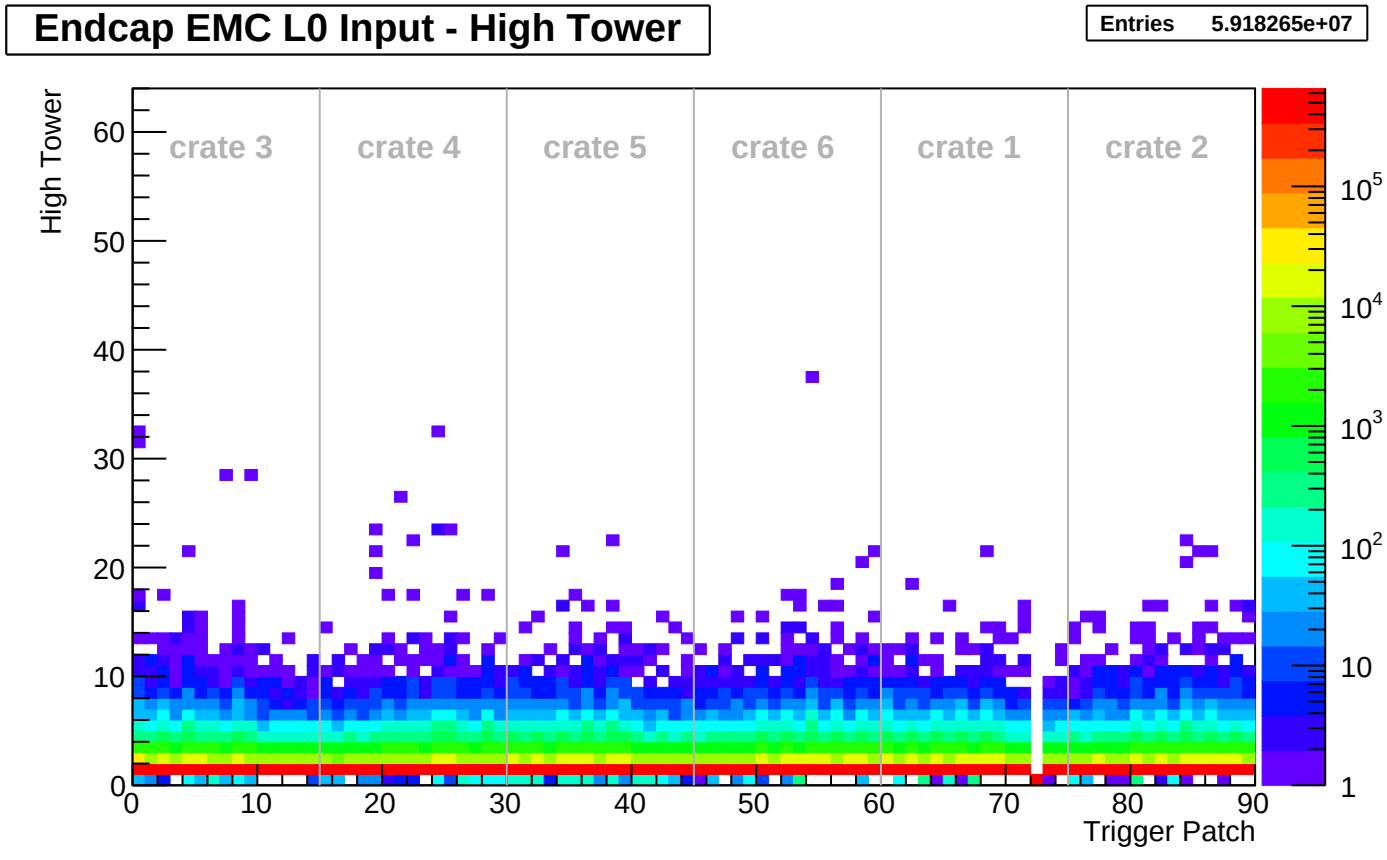
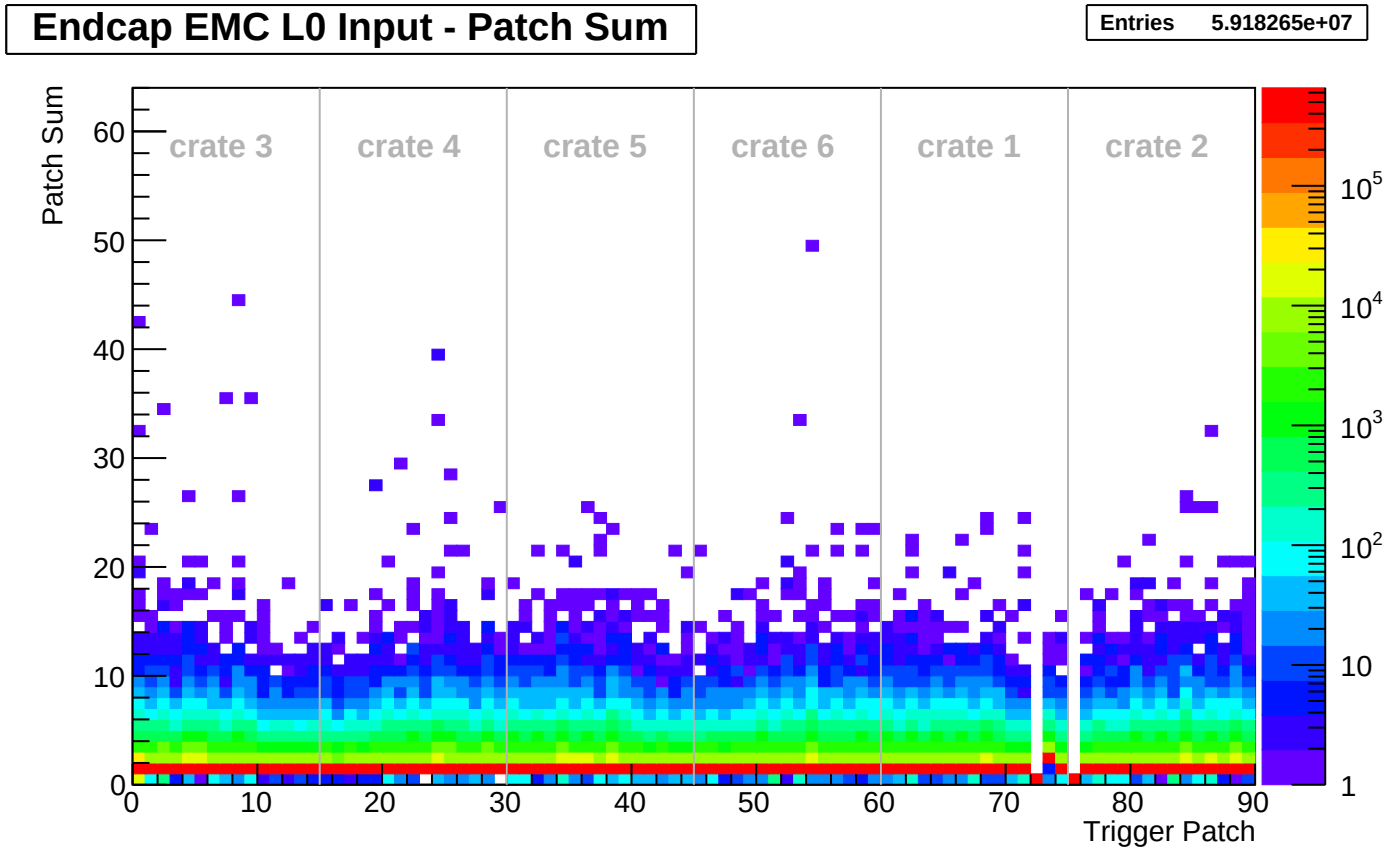
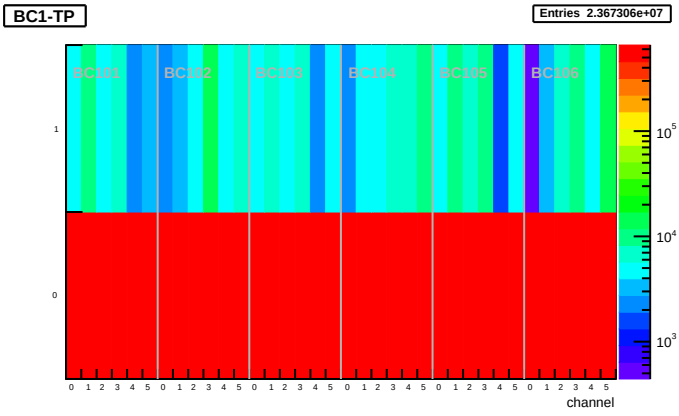
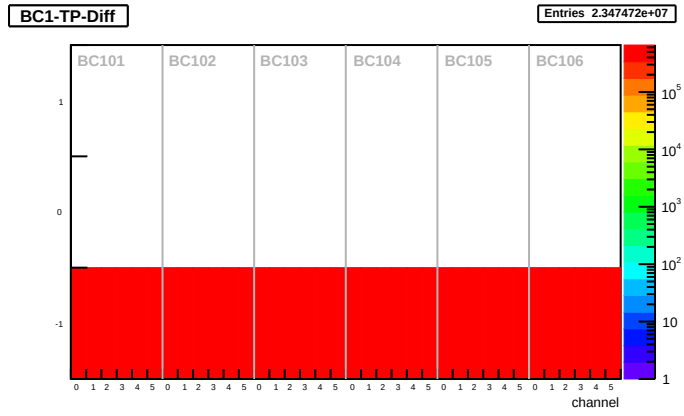

Barrel EMC L0 Input - High Tower
Entries 1.972755e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

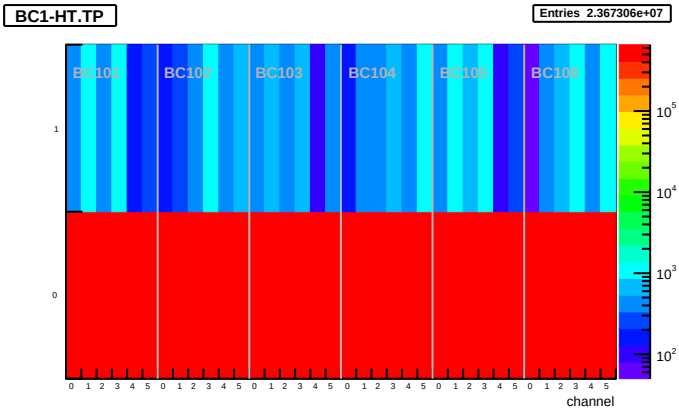

Barrel EMC L0 Input - Patch Sum
Entries 1.972755e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

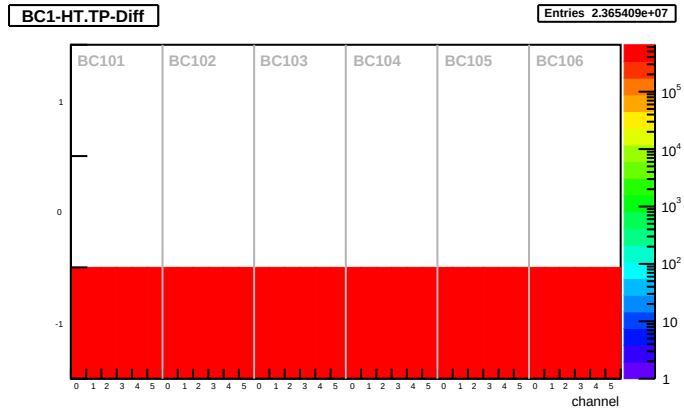

Endcap EMC L0 Input - High Tower
Entries 5.918265e+07
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

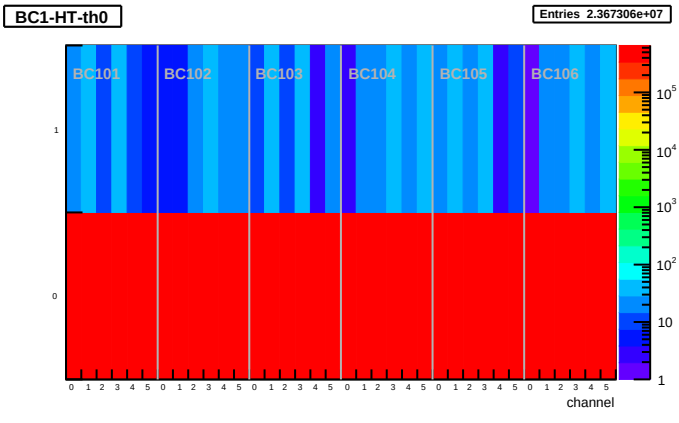

Endcap EMC L0 Input - Patch Sum
Entries 5.918265e+07
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

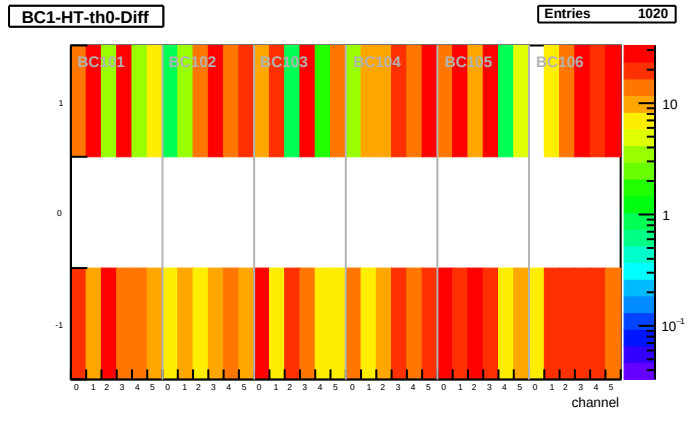

BC1-TP
Entries 2.367306e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

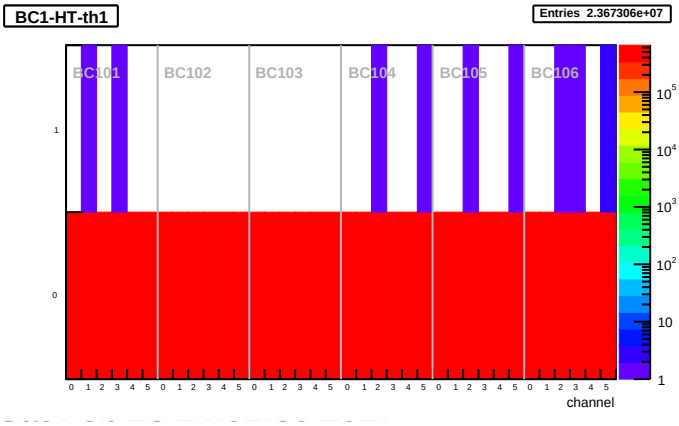

BC1-TP-Diff
Entries 2.347472e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

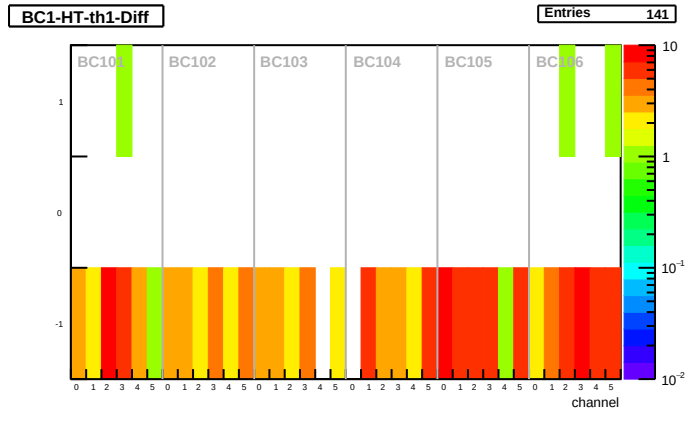

BC1-HT.TP
Entries 2.367306e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

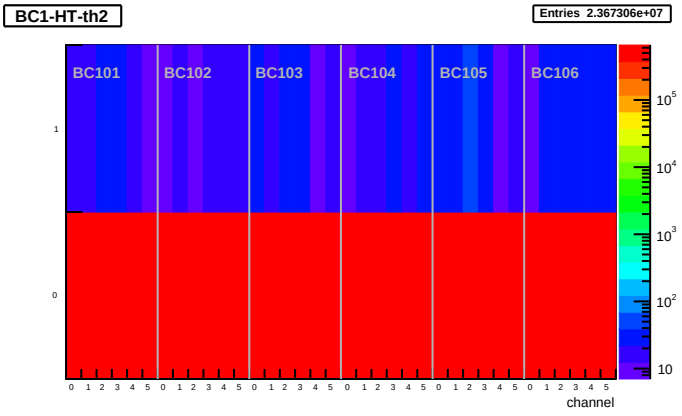

BC1-HT.TP-Diff
Entries 2.365409e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

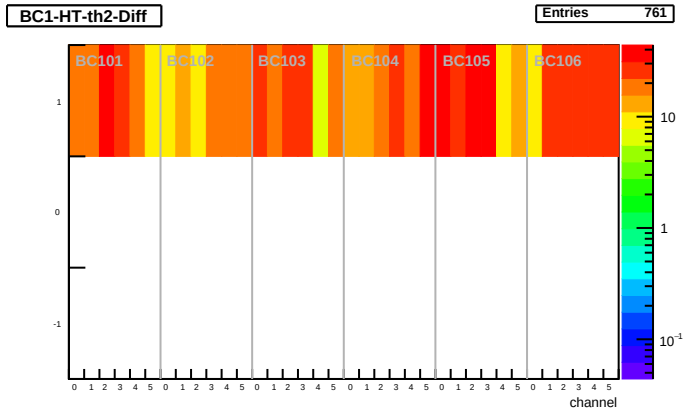

BC1-HT-th0
Entries 2.367306e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

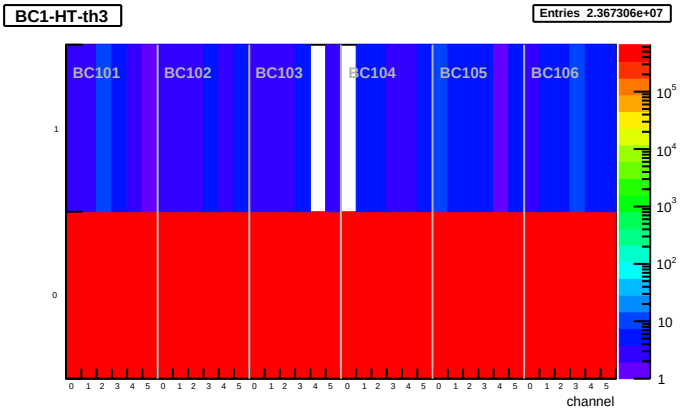

BC1-HT-th0-Diff
Entries 1020
BC101
BC102
BC103
BC104
BC105
BC106
channel

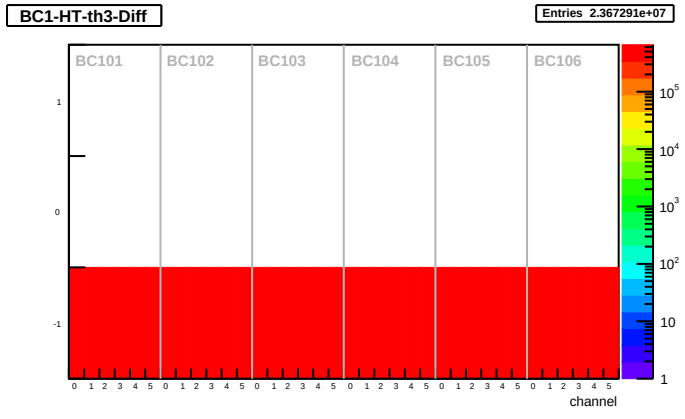

BC1-HT-th1
Entries 2.367306e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

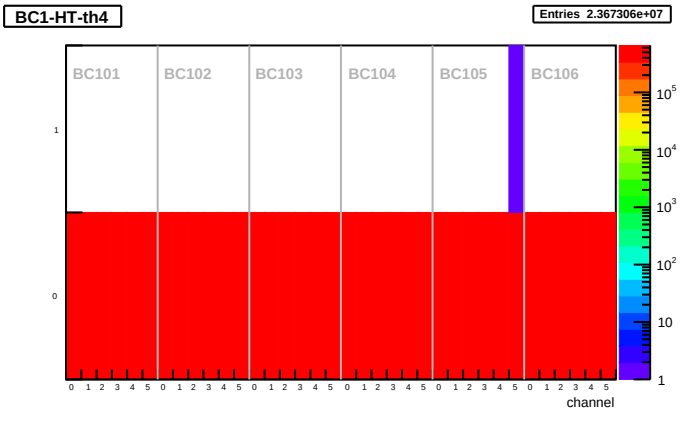

BC1-HT-th1-Diff
Entries 141
BC101
BC102
BC103
BC104
BC105
BC106
channel

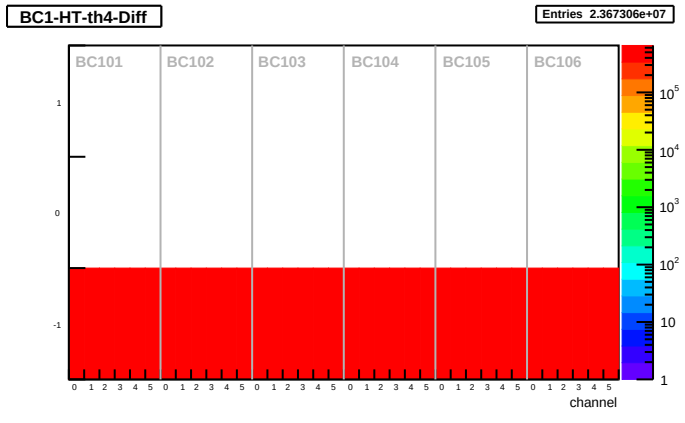

BC1-HT-th2
Entries 2.367306e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

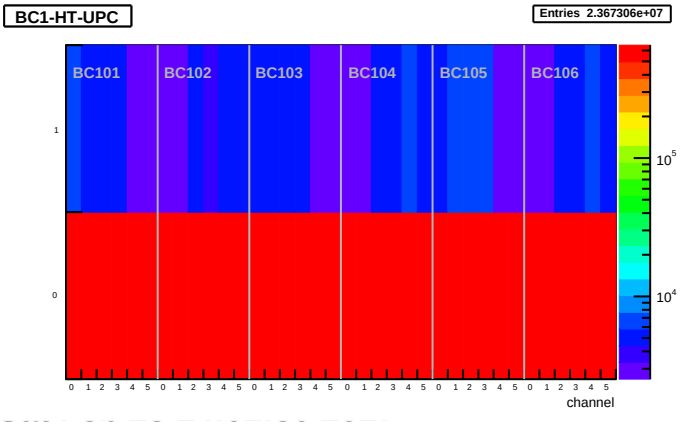

BC1-HT-th2-Diff
Entries 761
BC101
BC102
BC103
BC104
BC105
BC106
channel

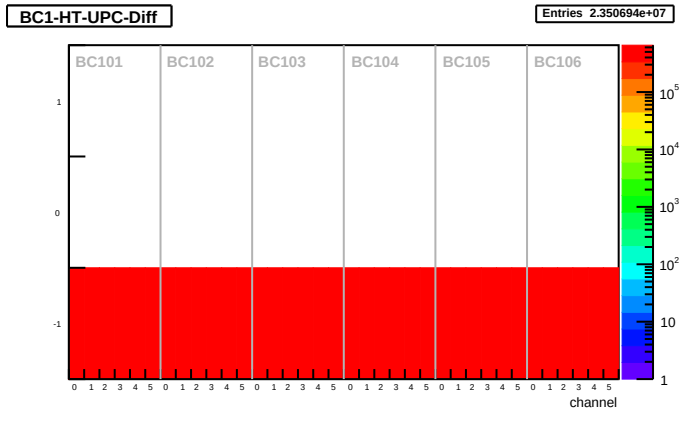

BC1-HT-th3
Entries 2.367306e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

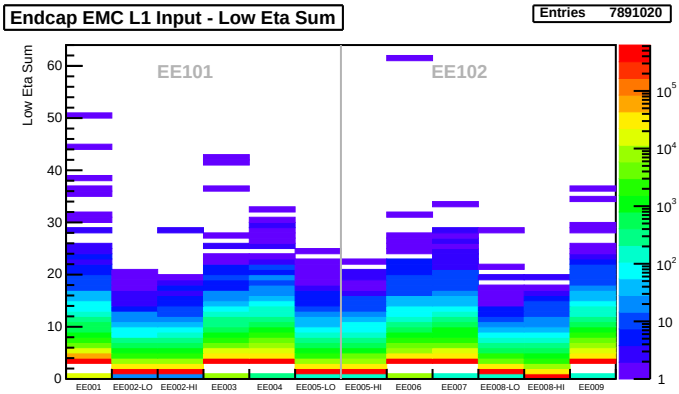

BC1-HT-th3-Diff
Entries 2.367291e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

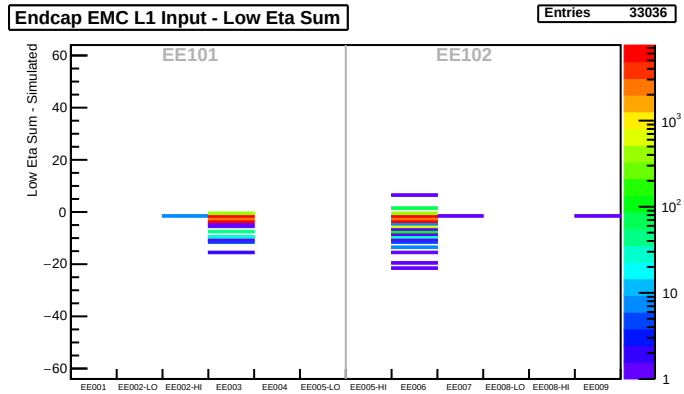

BC1-HT-th4
Entries 2.367306e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

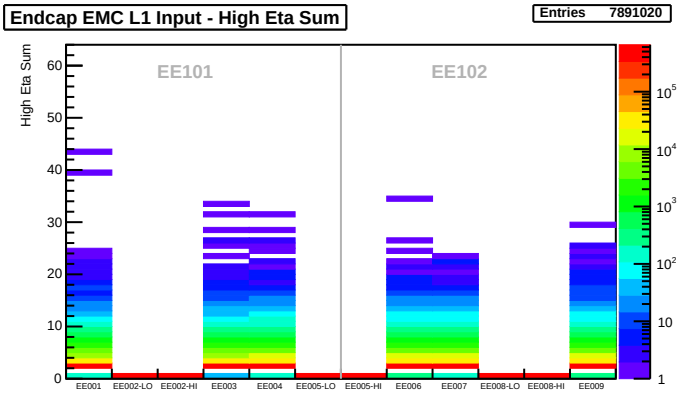

BC1-HT-th4-Diff
Entries 2.367306e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

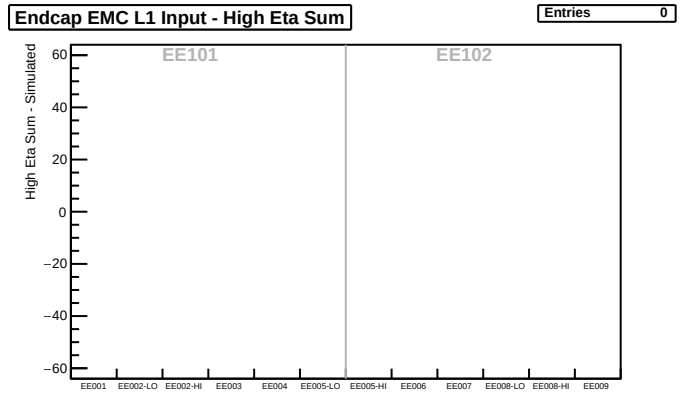

BC1-HT-UPC
Entries 2.367306e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

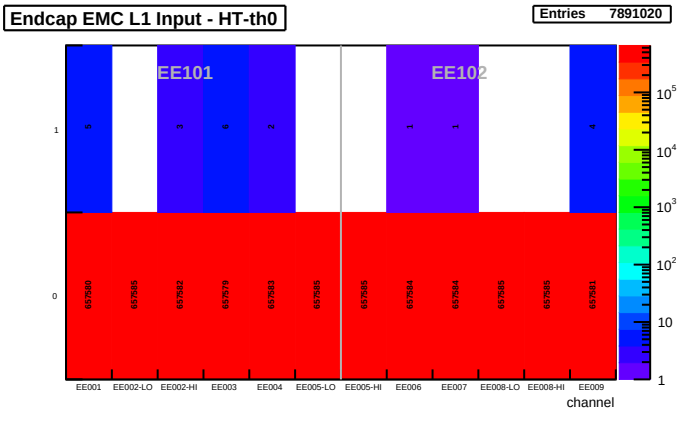

BC1-HT-UPC-Diff
Entries 2.350694e+07
BC101
BC102
BC103
BC104
BC105
BC106
channel

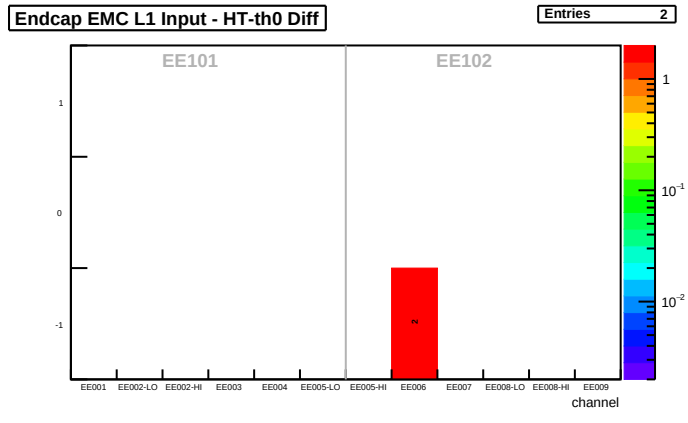

Endcap EMC L1 Input - Low Eta Sum
Entries 7891020
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

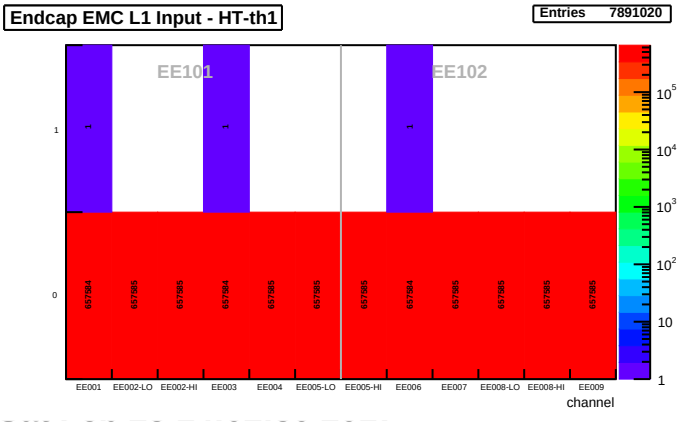

Endcap EMC L1 Input - Low Eta Sum
Entries 33036
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

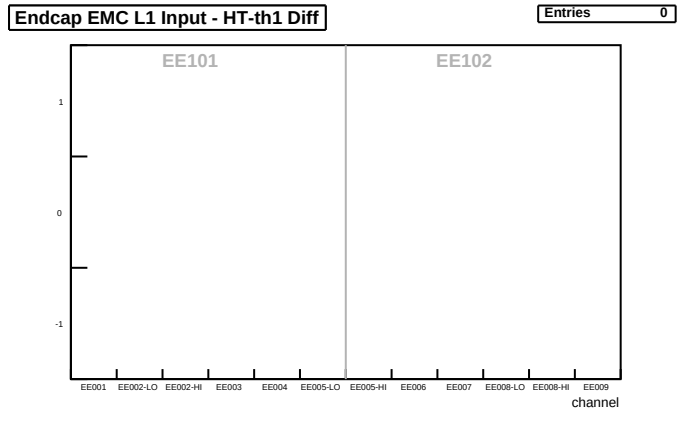

Endcap EMC L1 Input - High Eta Sum
Entries 7891020
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

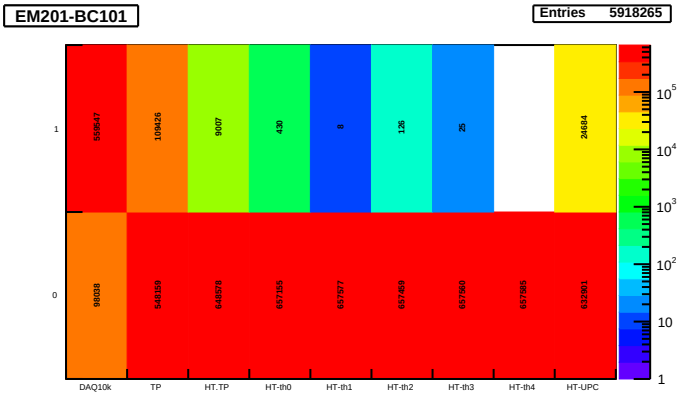

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

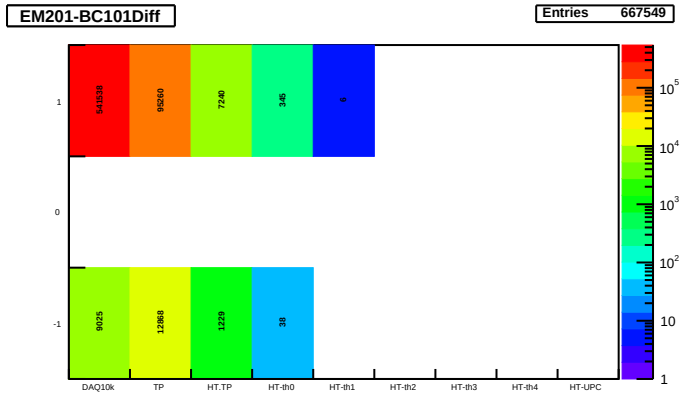

Endcap EMC L1 Input - HT-th0
Entries 7891020
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

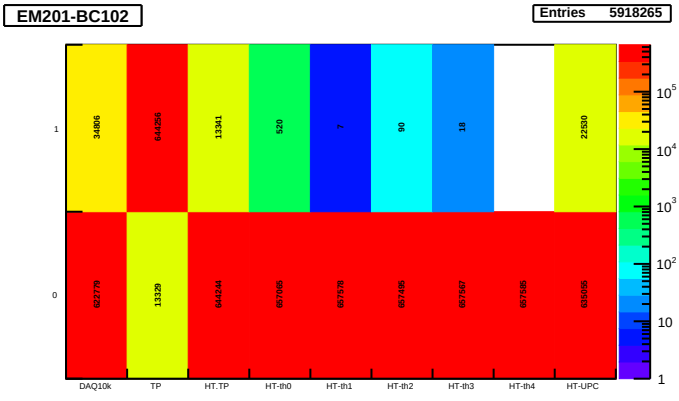

Endcap EMC L1 Input - HT-th0 Diff
Entries 2
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

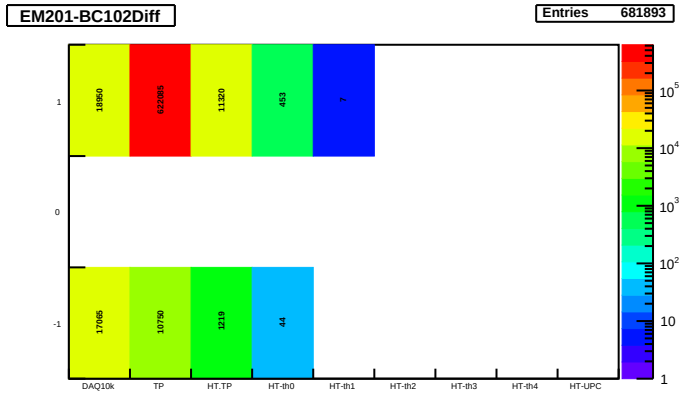

Endcap EMC L1 Input - HT-th1
Entries 7891020
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

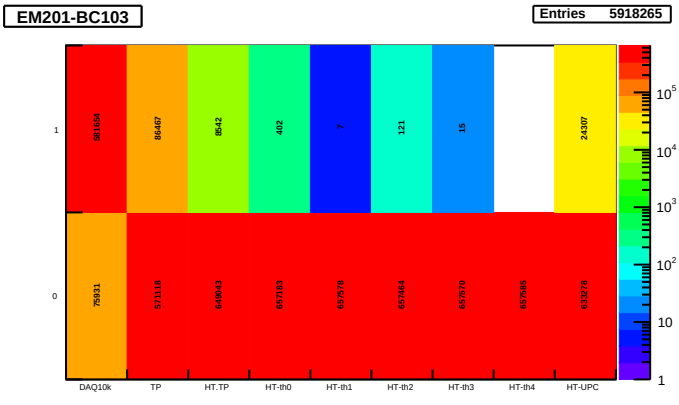

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

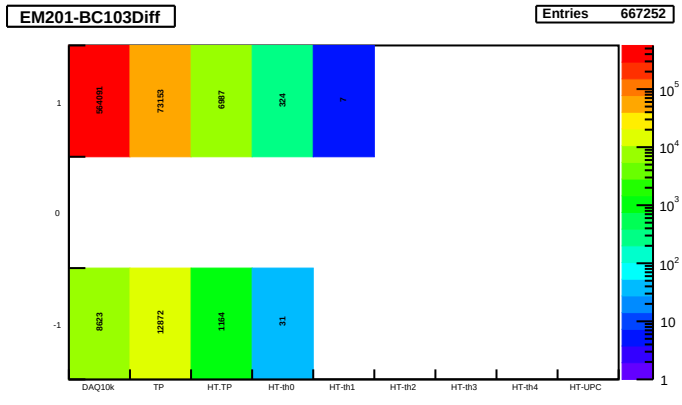

EM201-BC101
Entries 5918265
1
0
539547
109426
9007
430
8
126
25
24684
98038
548159
648278
657355
657577
657459
657560
657585
632301
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

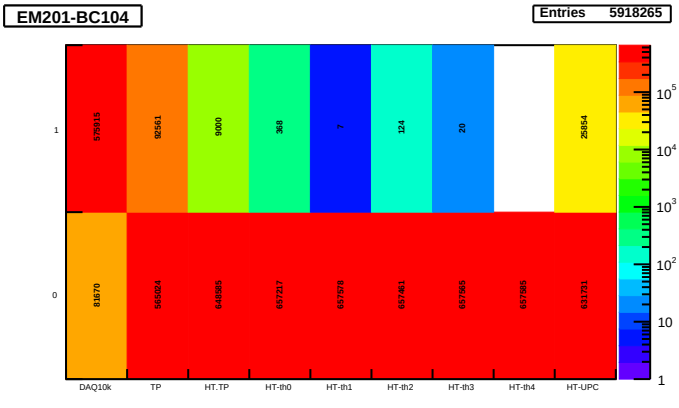

EM201-BC101Diff
Entries 667549
1
0
-1
541538
98260
7240
345
6
9025
12868
1229
38
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

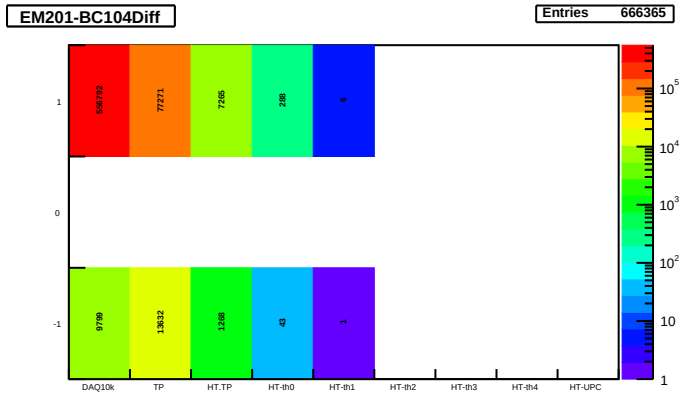

EM201-BC102
Entries 5918265
1
0
34806
644256
11341
520
7
90
18
22930
622779
13329
644244
657065
657578
657495
657567
657585
635055
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC102Diff
Entries 681893
1
0
-1
18950
622085
11320
453
7
17065
10750
1219
44
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

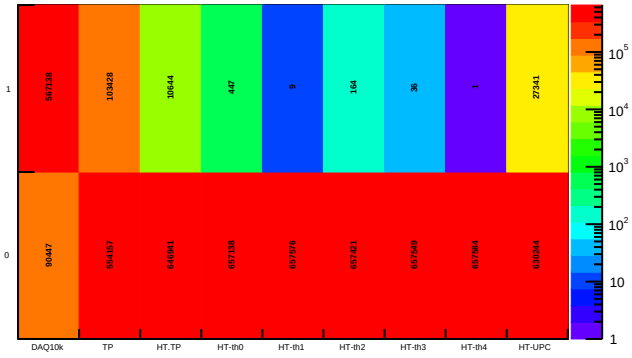

EM201-BC103
Entries 5918265
1
0
581654
86467
8542
402
7
121
15
24307
75931
571118
649043
657183
657578
657464
657570
657585
632278
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC103Diff
Entries 667252
1
0
-1
564091
73153
6987
324
7
8623
12872
1364
31
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

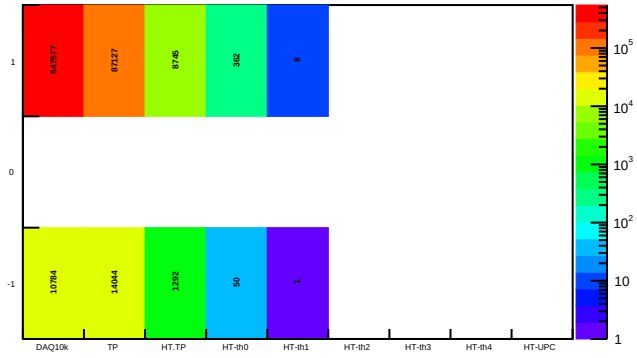

EM201-BC104
Entries 5918265
1
0
575915
92561
9000
368
7
124
20
25854
816570
565624
648985
657217
657578
657461
657565
657585
631731
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC104Diff
Entries 666365
1
0
-1
556792
77271
7265
288
6
9799
13632
1268
43
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

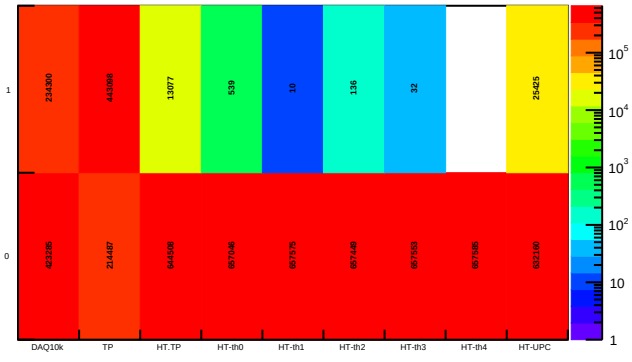
EM201-BC105 Entries 5918265



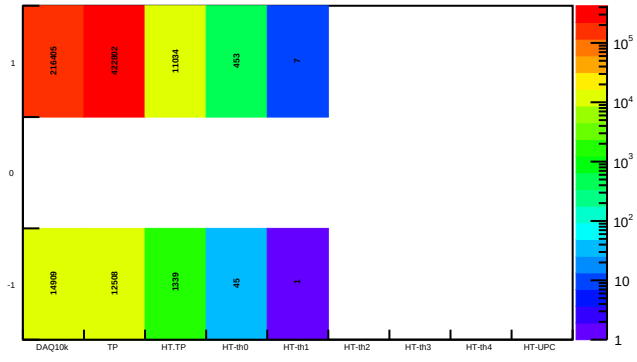
EM201-BC105Diff Entries 669990



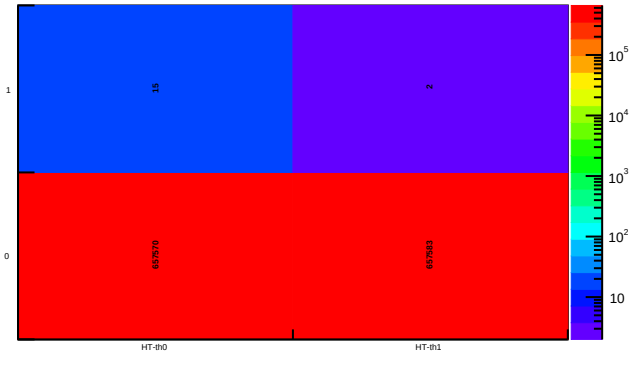
EM201-BC106 Entries 5918265



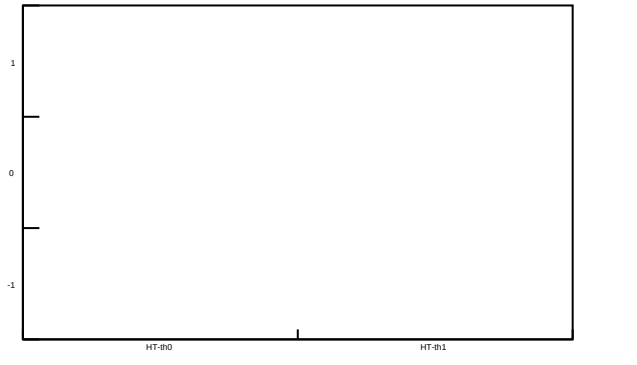
EM201-BC106Diff Entries 679503



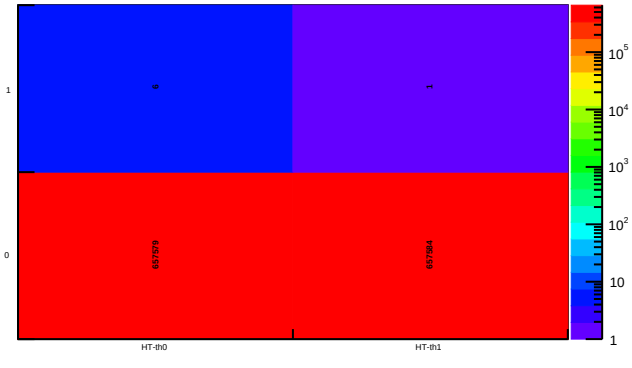
EM201-EE101 Entries 1315170



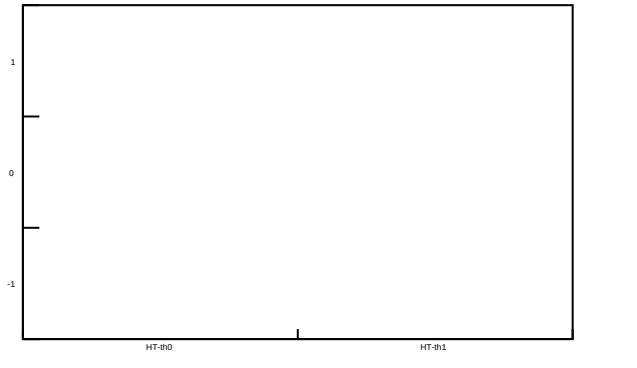
EM201-EE101Diff Entries 0

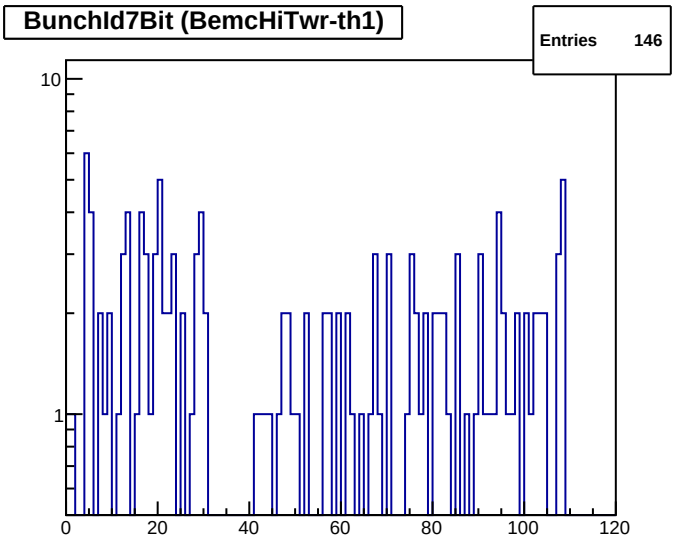


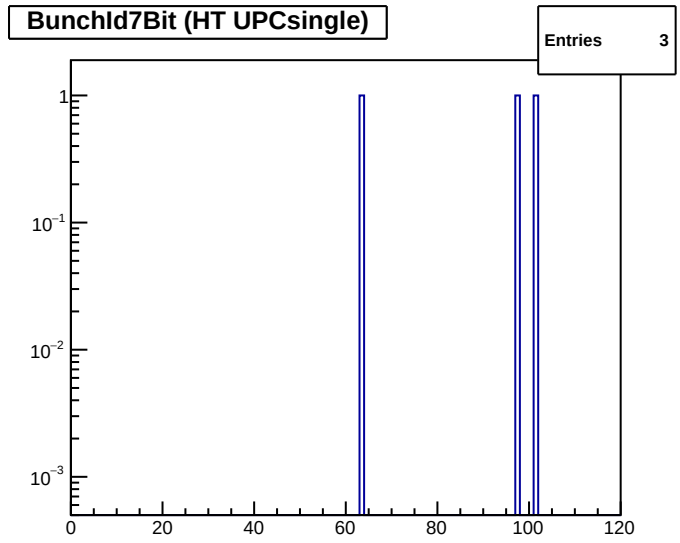
EM201-EE102 Entries 1315170

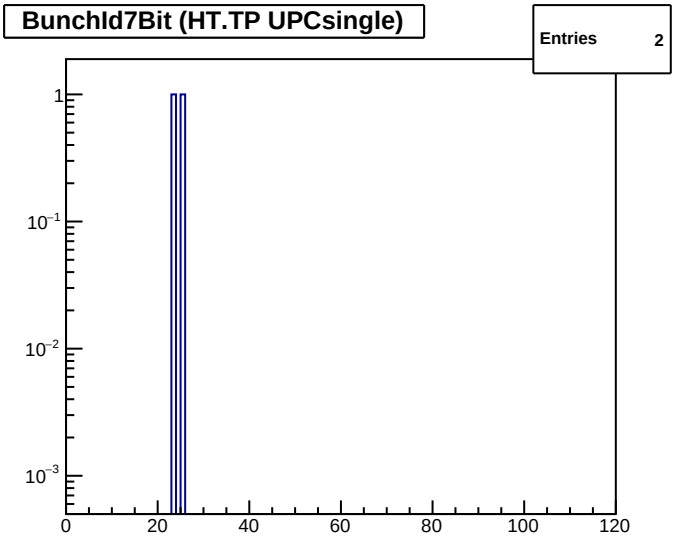


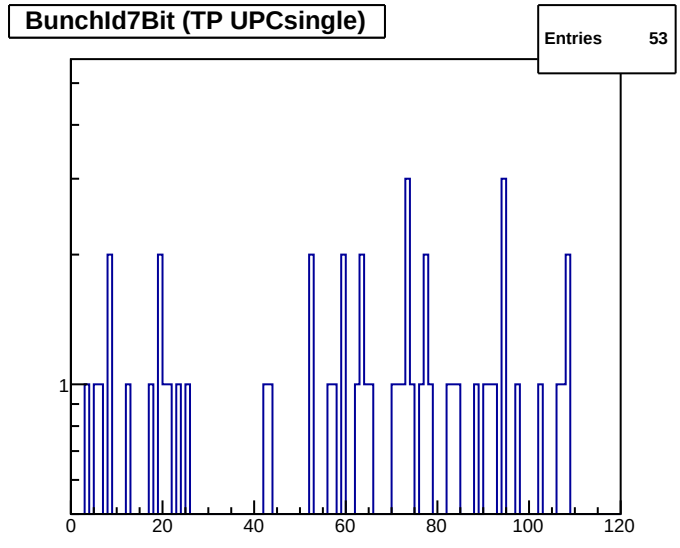
EM201-EE102Diff Entries 0

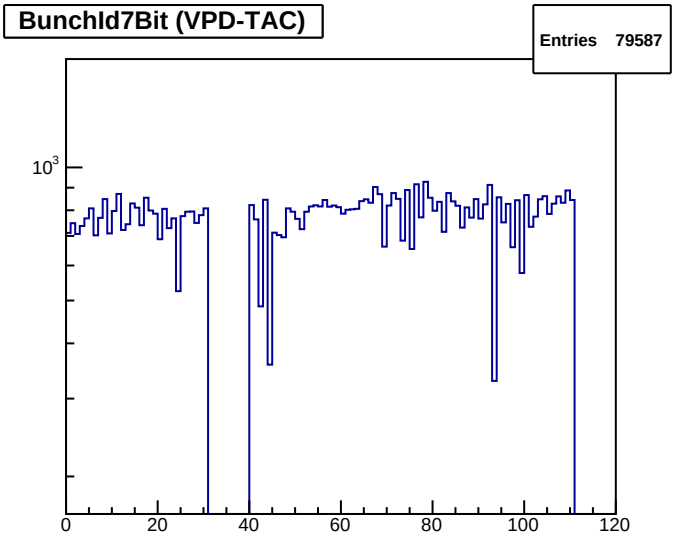


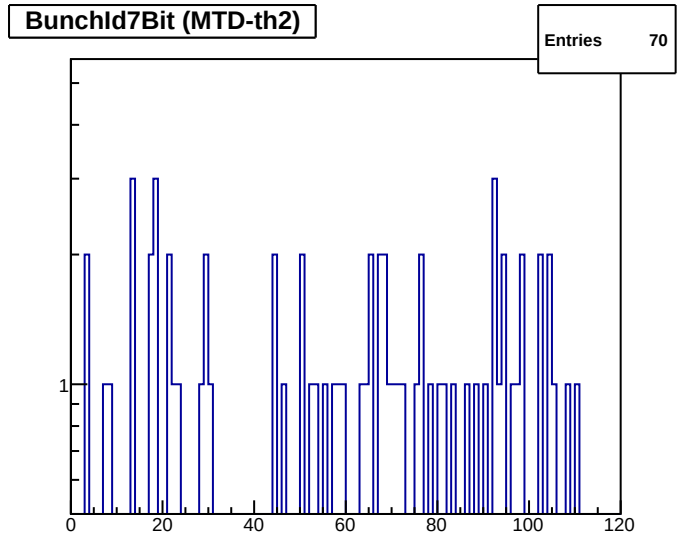

BunchId7Bit (BemcHiTwr-th1)
Entries 146
10
1
0 20 40 60 80 100 120

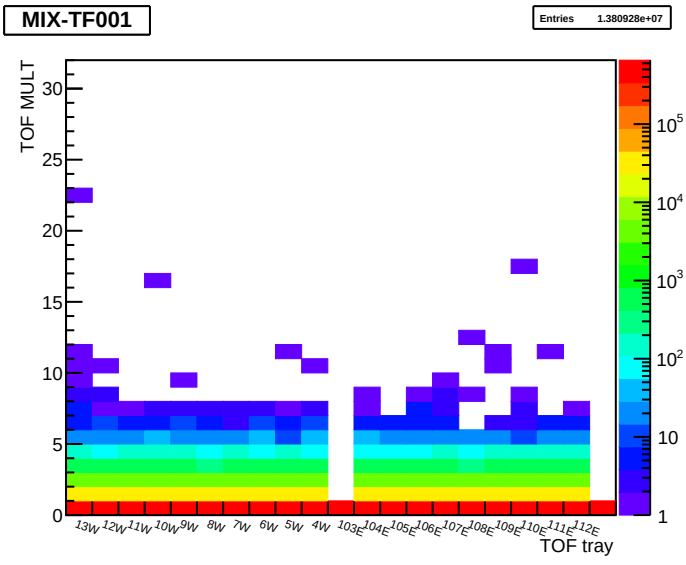

BunchId7Bit (HT UPCsingle)
Entries 3
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

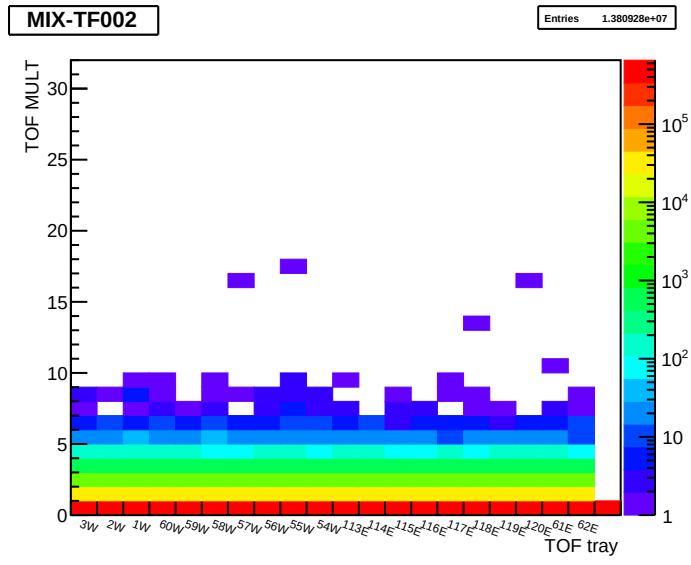

BunchId7Bit (HT.TP UPCsingle)
Entries 2
1
10^{-1}
10^{-2}
10^{-3}
0 20 40 60 80 100 120

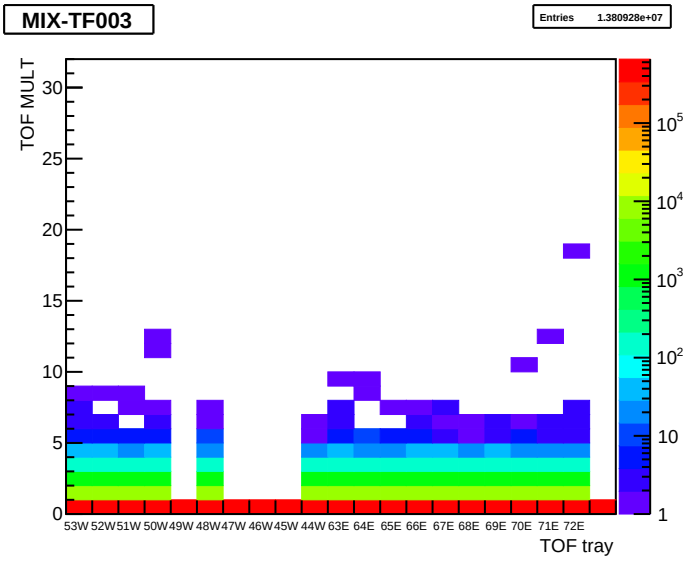

BunchId7Bit (TP UPCsingle)
Entries 53
1
0 20 40 60 80 100 120

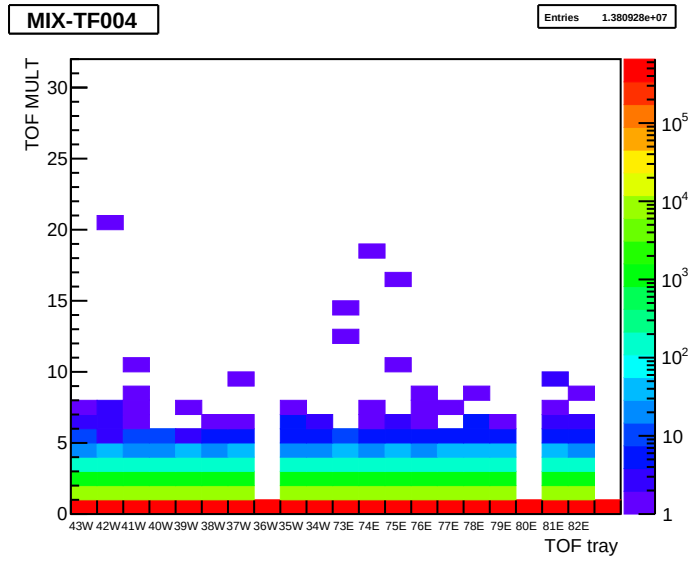

BunchId7Bit (VPD-TAC)
Entries 79587
10^{3}
0 20 40 60 80 100 120

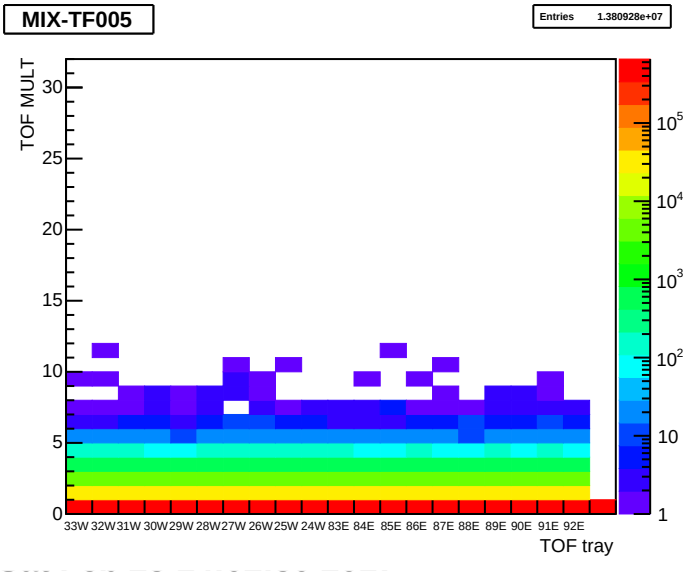

BunchId7Bit (MTD-th2)
Entries 70
1
0 20 40 60 80 100 120

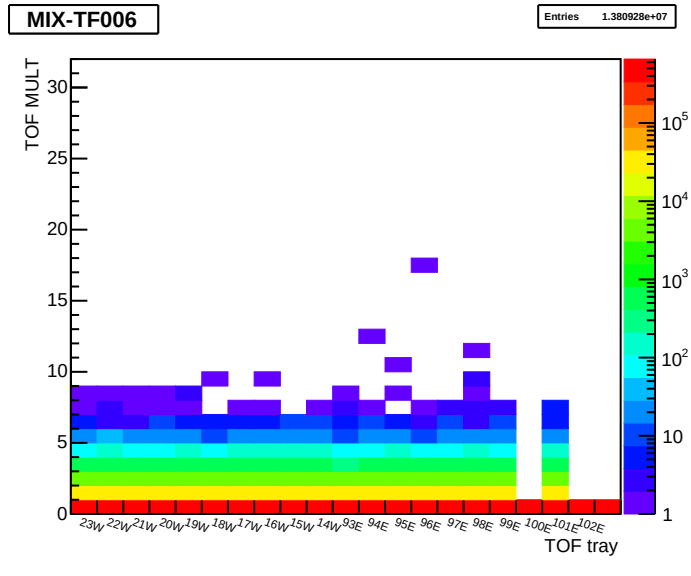

MIX-TF001
Entries 1.380928e+07
TOF MULT
TOF tray

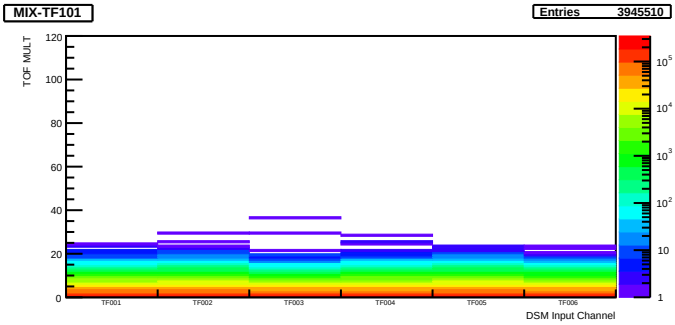

MIX-TF002
Entries 1.380928e+07
TOF MULT
TOF tray

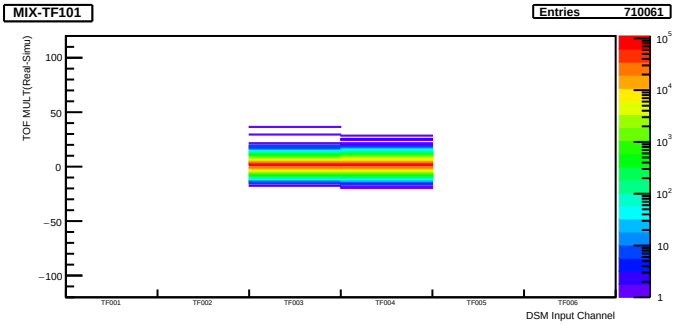

MIX-TF003
Entries 1.380928e+07
TOF MULT
TOF tray

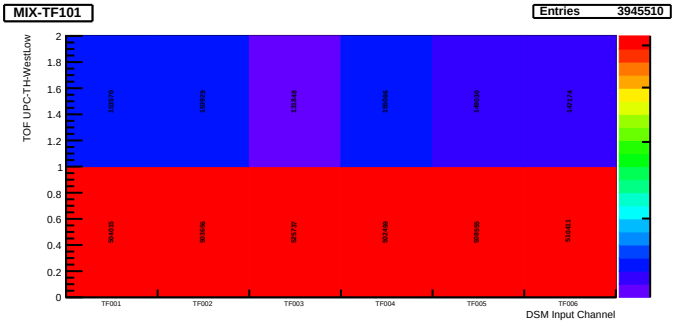

MIX-TF004
Entries 1.380928e+07
TOF MULT
TOF tray

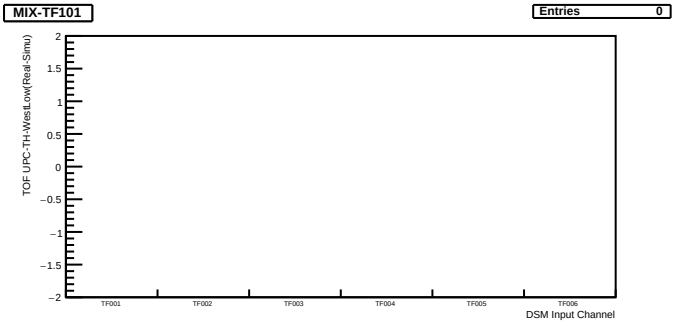

MIX-TF005
Entries 1.380928e+07
TOF MULT
TOF tray

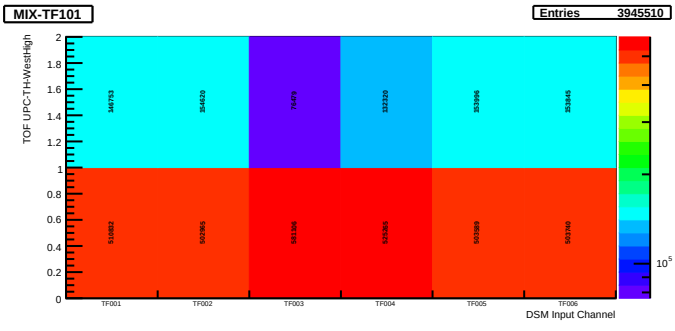

MIX-TF006
Entries 1.380928e+07
TOF MULT
TOF tray

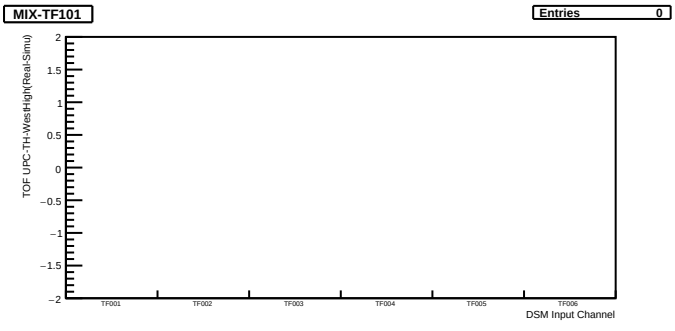

MIX-TF101
Entries 3945510
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

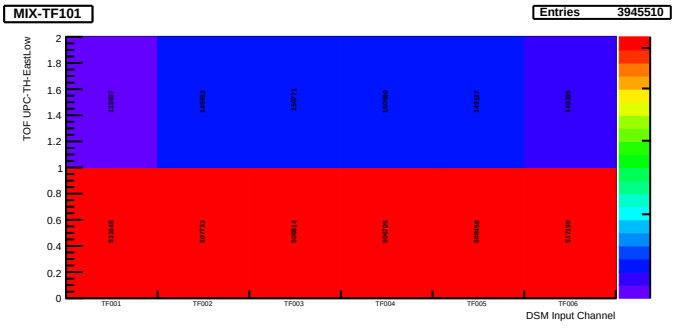

MIX-TF101
Entries 710061
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

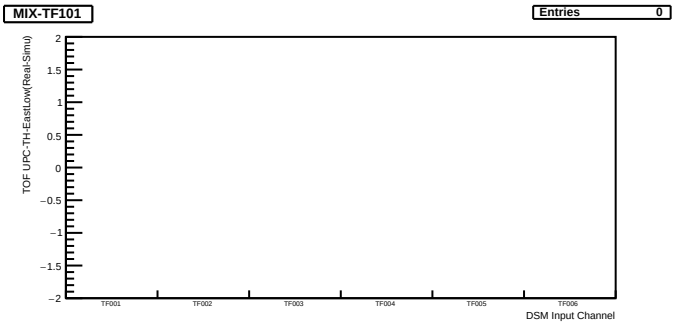

MIX-TF101
Entries 3945510
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

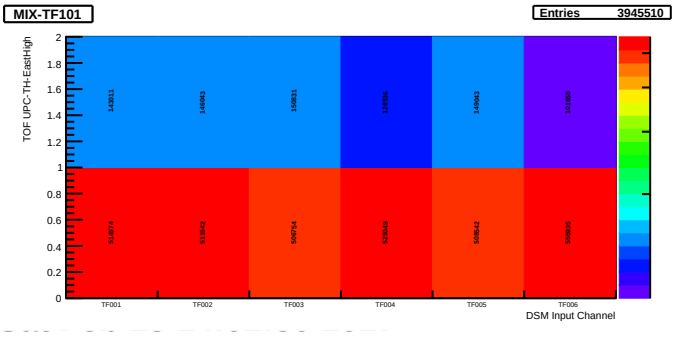

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

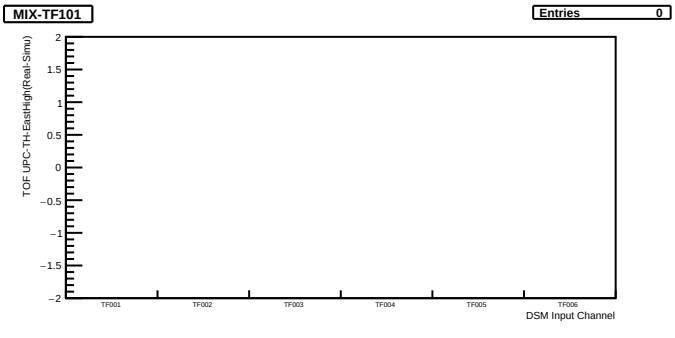

MIX-TF101
Entries 3945510
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

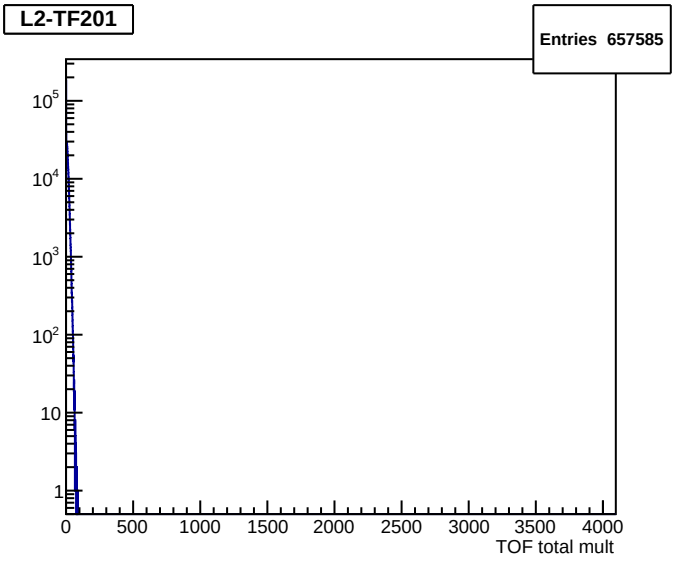

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

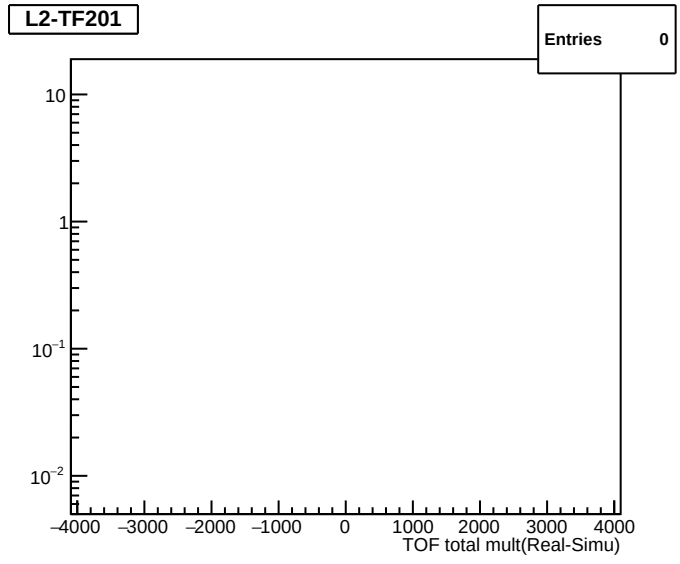

MIX-TF101
Entries 3945510
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

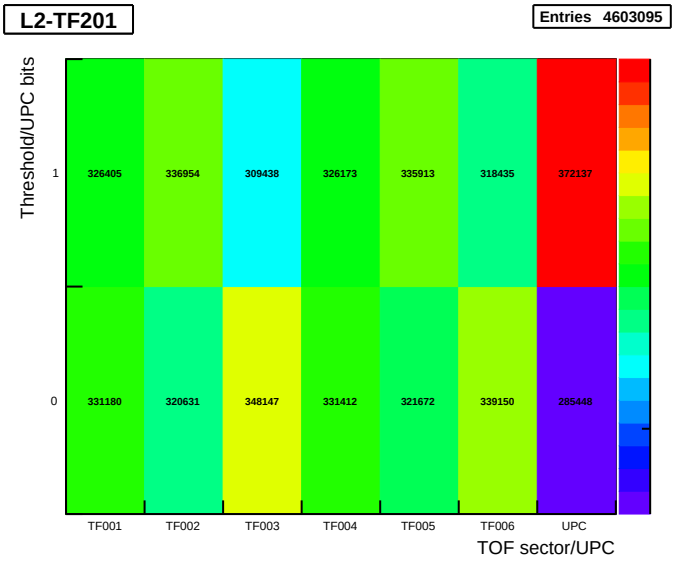

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

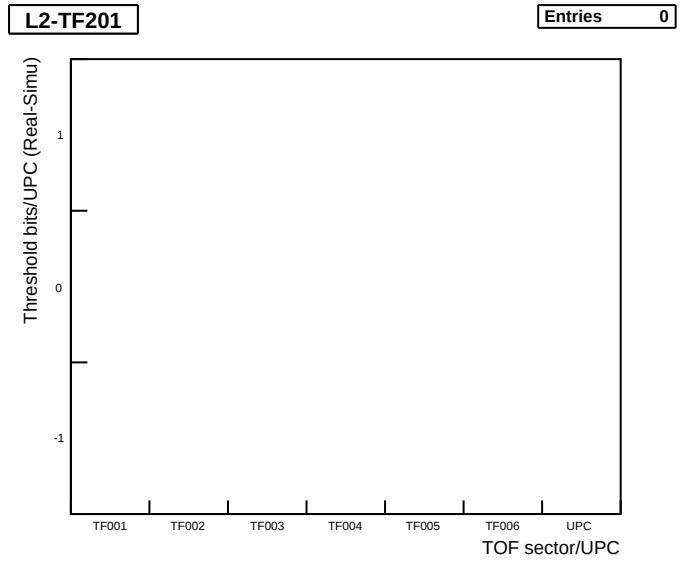

MIX-TF101
Entries 3945510
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

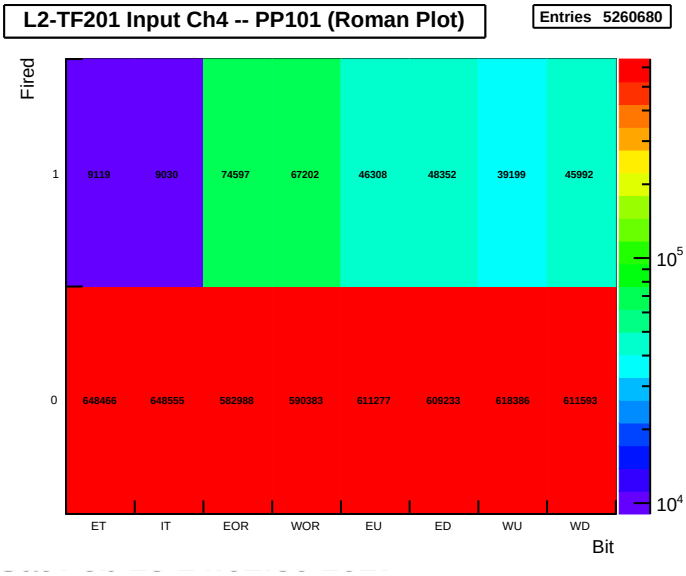

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

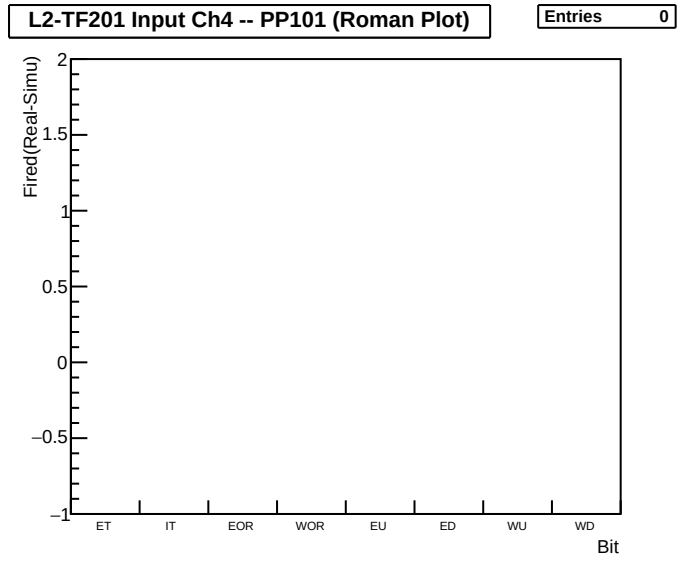

L2-TF201
Entries 657585
TOF total mult

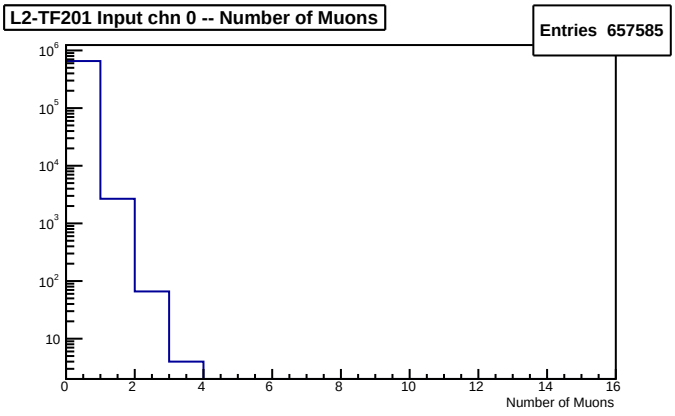

L2-TF201
Entries 0
TOF total mult(Real-Simu)

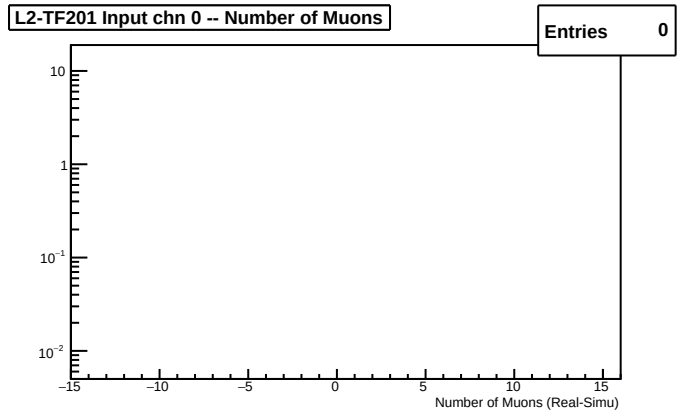

L2-TF201
Entries 4603095
Threshold/UPC bits
326405
336954
309438
326173
335913
318435
372137
331180
320631
348147
331412
321672
339150
285448
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

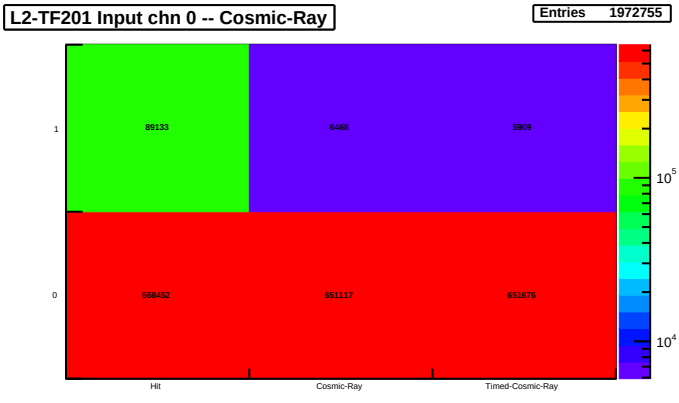

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

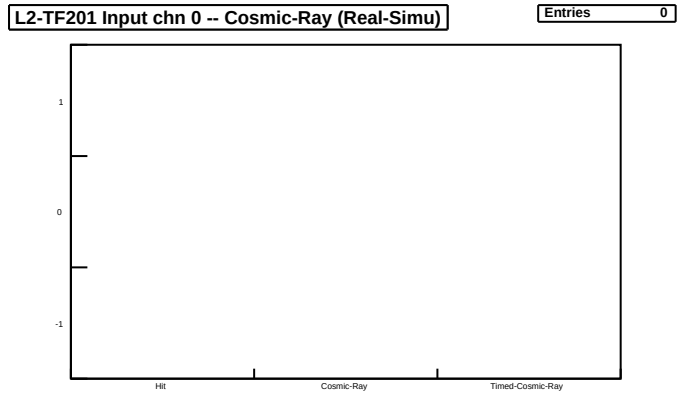

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5260680
Fired
9119
9030
74597
67202
46308
48352
39199
45992
648466
648555
582988
590383
611277
609233
618386
611593
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

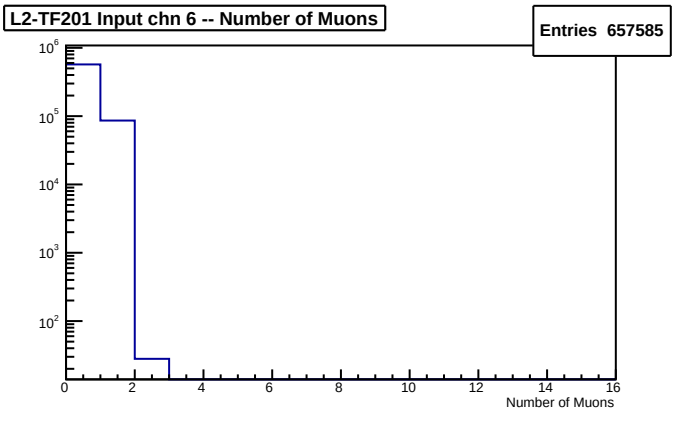

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

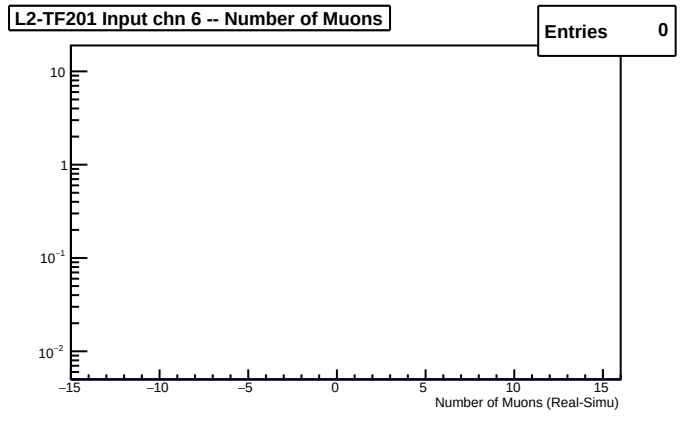

L2-TF201 Input chn 0 -- Number of Muons
Entries 657585
Number of Muons

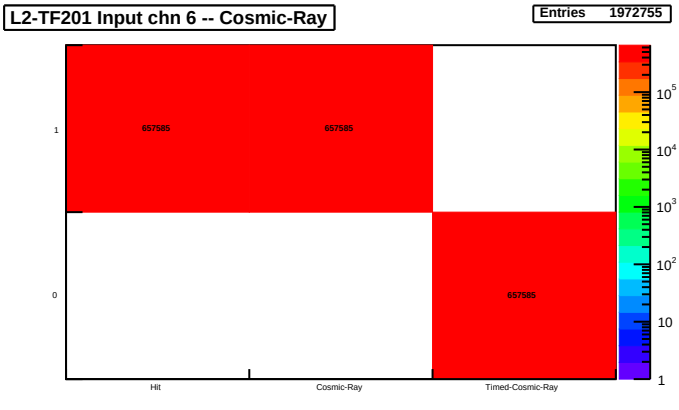

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

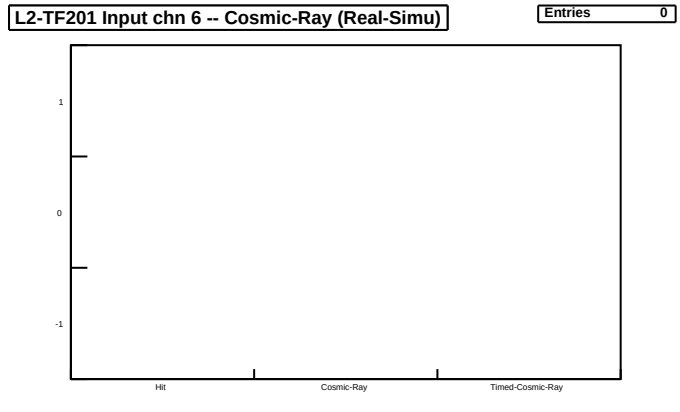

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1972755
89133
6468
5909
568452
651117
651676
Hit
Cosmic-Ray
Timed-Cosmic-Ray

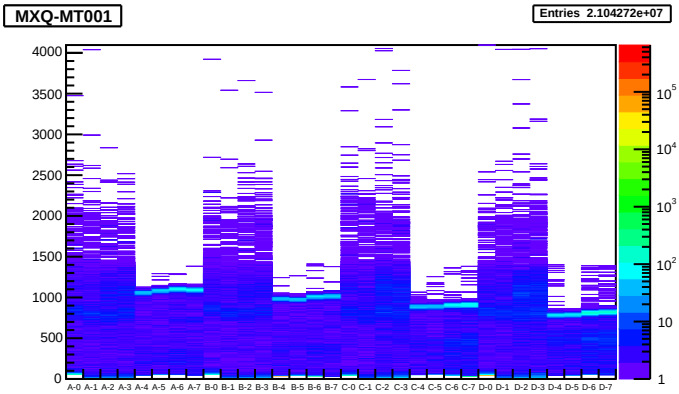

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

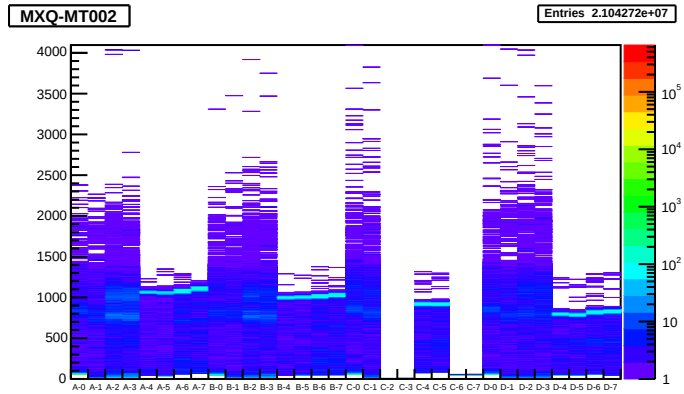

L2-TF201 Input chn 6 -- Number of Muons
Entries 657585
Number of Muons

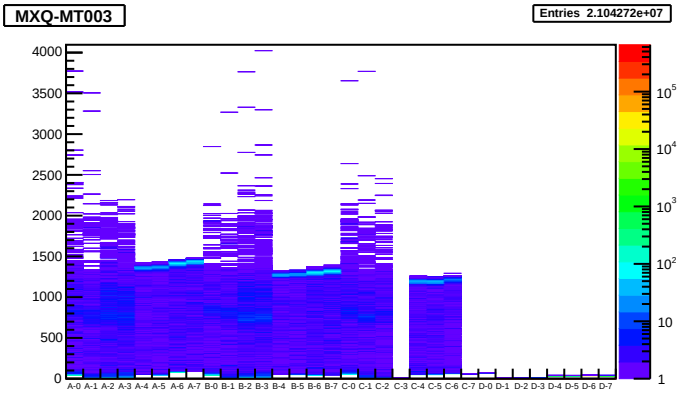

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

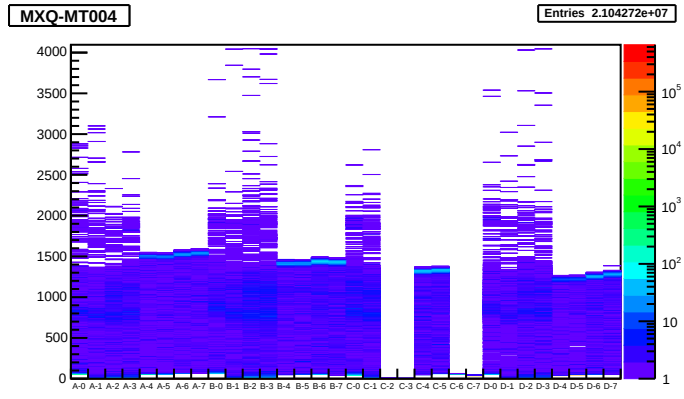

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1972755
657585
657585
657585
Hit
Cosmic-Ray
Timed-Cosmic-Ray

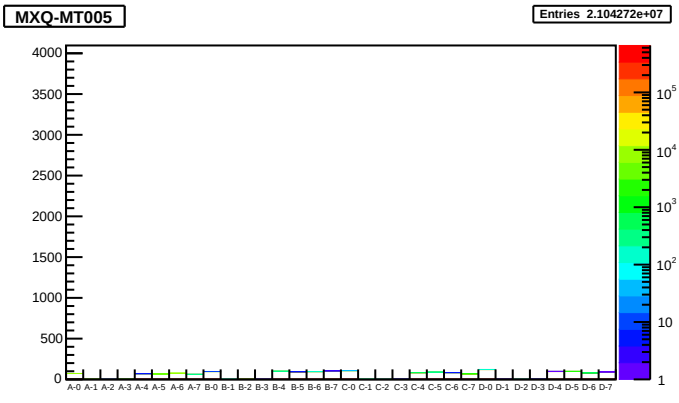

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

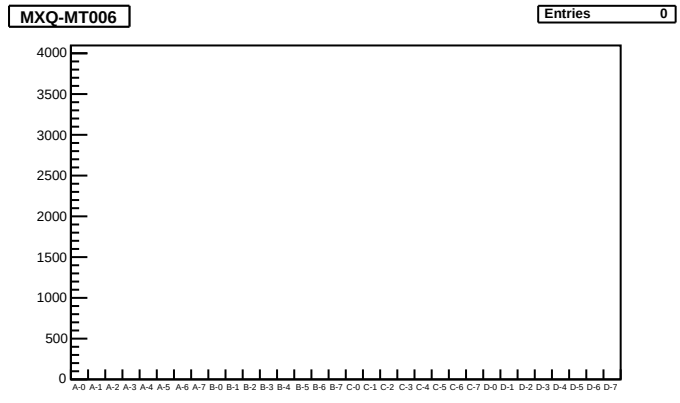

MXQ-MT001
Entries 2.104272e+07

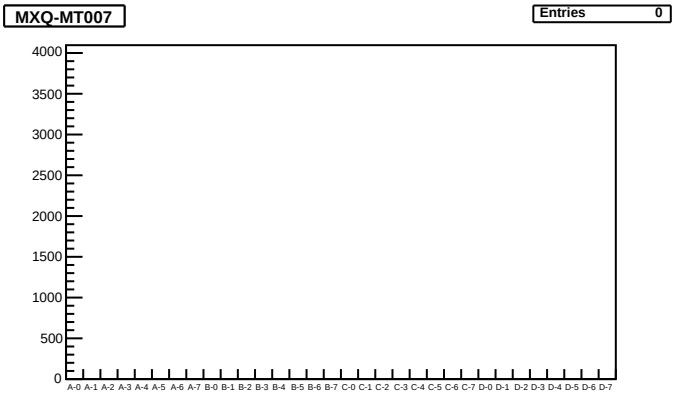

MXQ-MT002
Entries 2.104272e+07

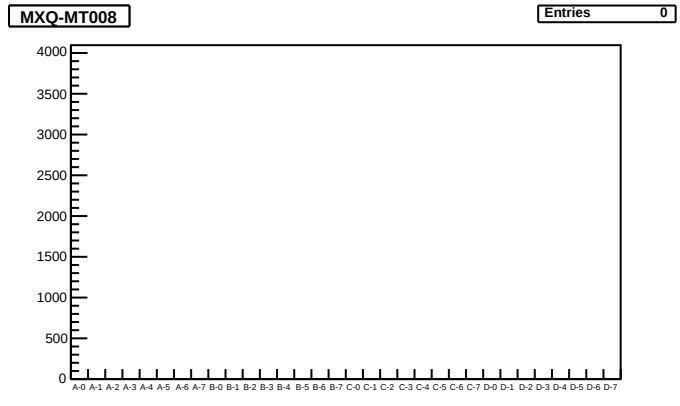

MXQ-MT003
Entries 2.104272e+07

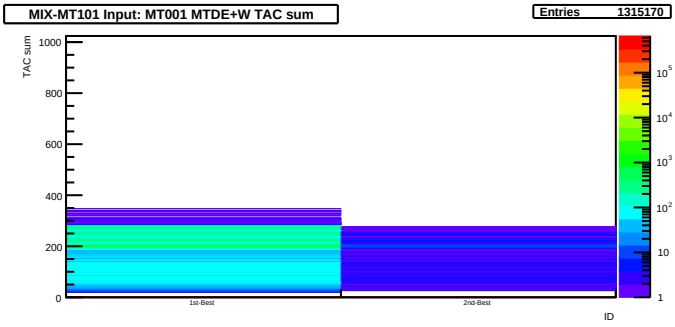

MXQ-MT004
Entries 2.104272e+07

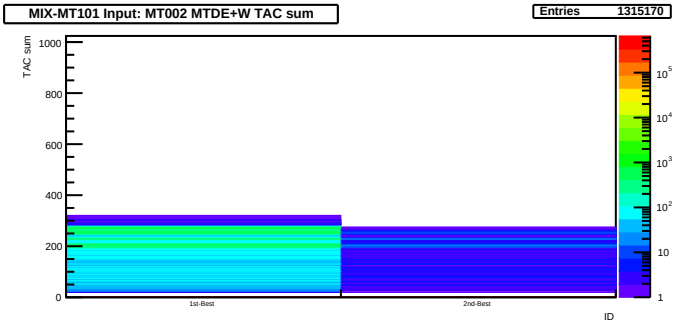

MXQ-MT005
Entries 2.104272e+07

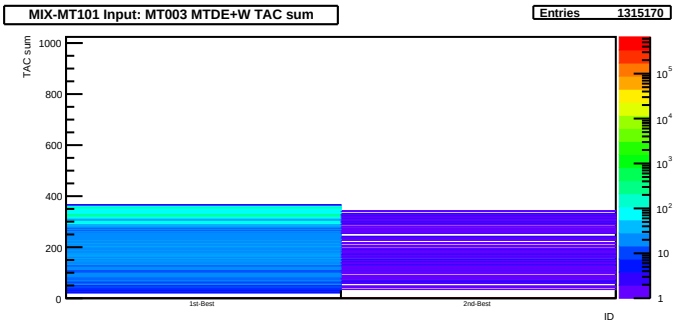

MXQ-MT006
Entries 0

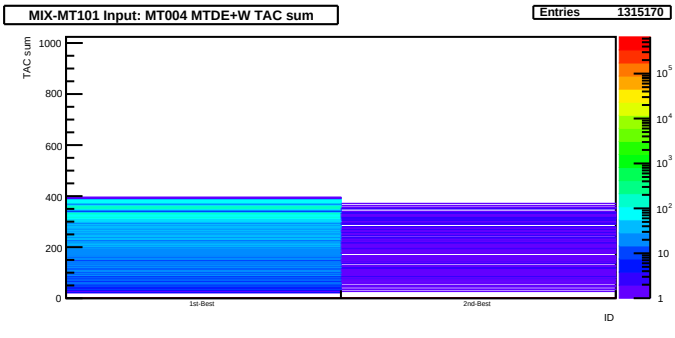

MXQ-MT007
Entries 0

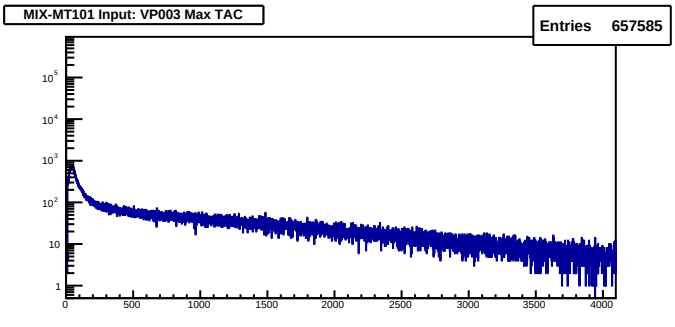

MXQ-MT008
Entries 0

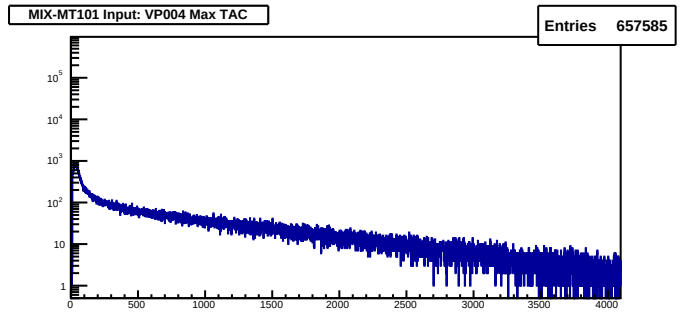

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1315170
TAC sum
1st-Best
2nd-Best
ID

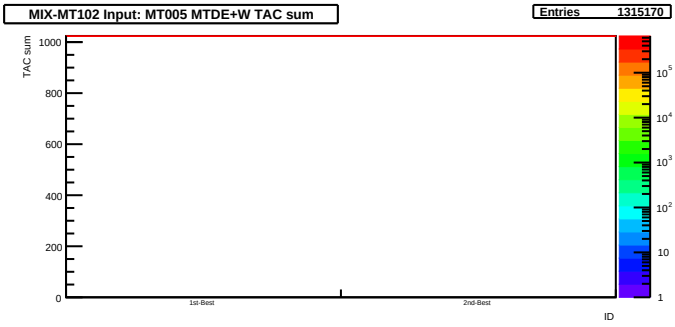

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1315170
TAC sum
1st-Best
2nd-Best
ID

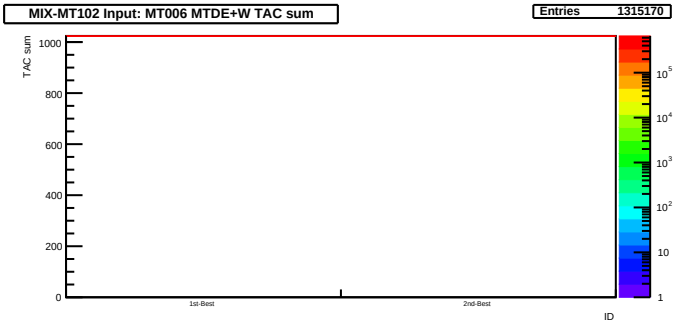

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1315170
TAC sum
1st-Best
2nd-Best
ID

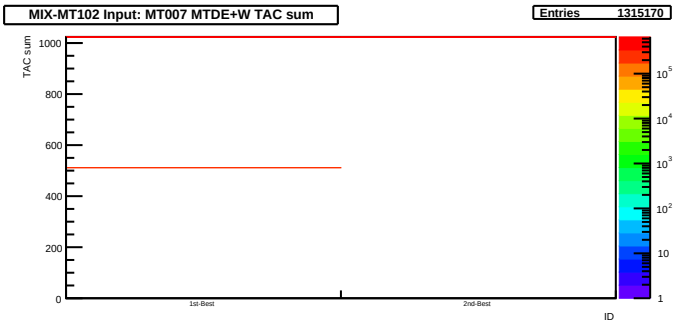

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1315170
TAC sum
1st-Best
2nd-Best
ID

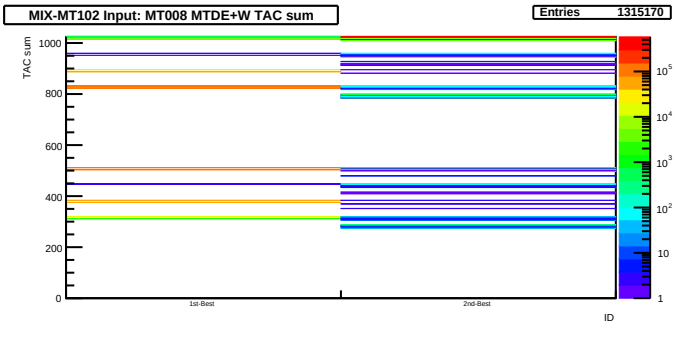

MIX-MT101 Input: VP003 Max TAC
Entries 657585

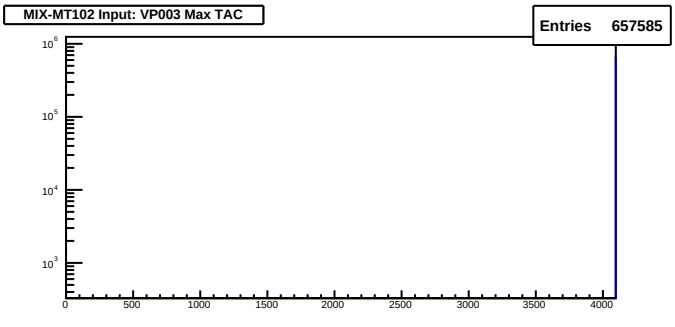

MIX-MT101 Input: VP004 Max TAC
Entries 657585

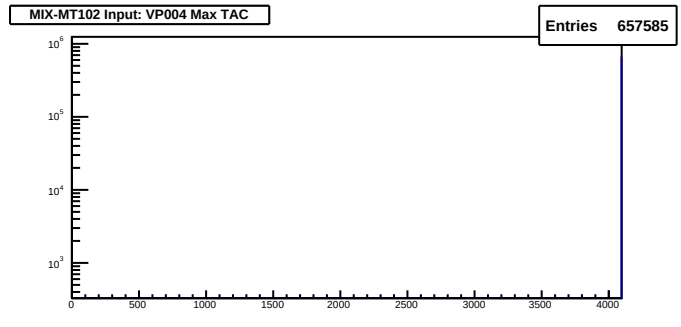

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1315170
TAC sum
1st-Best
2nd-Best
ID

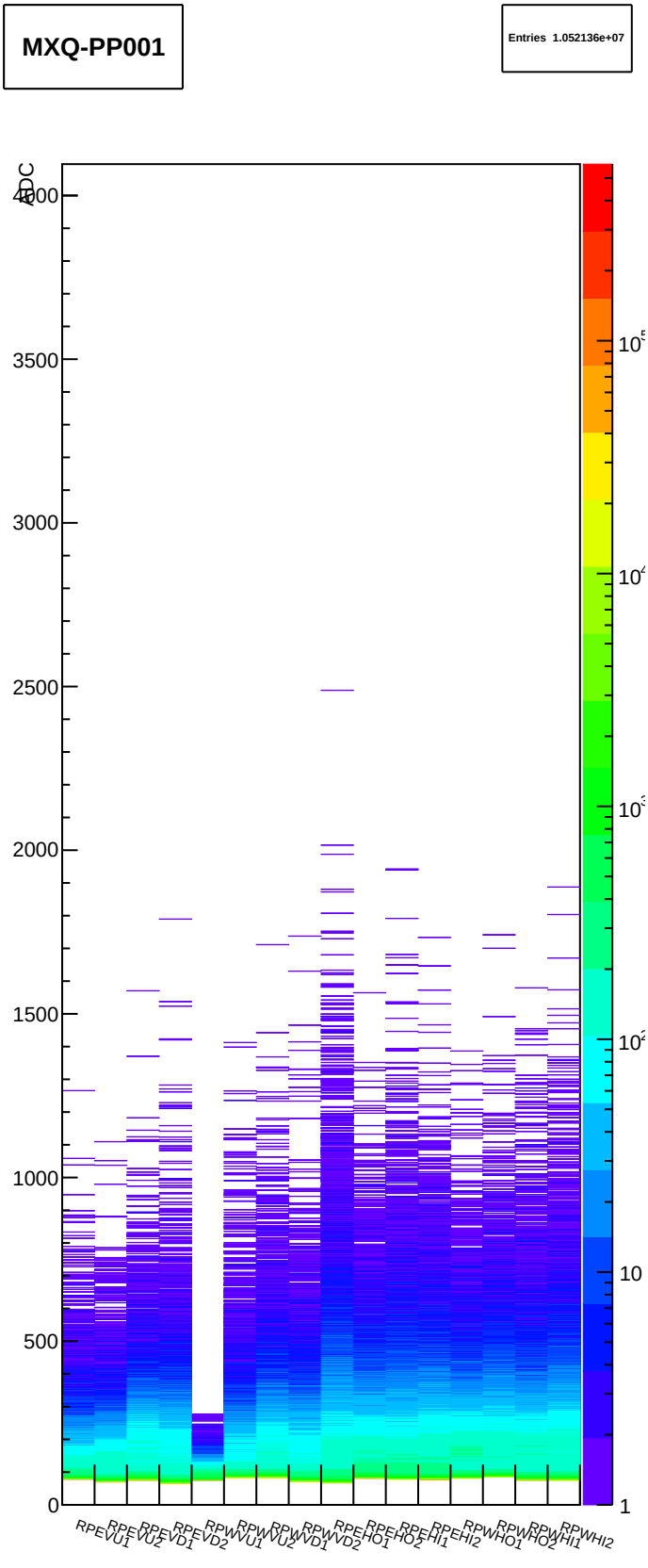

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1315170
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1315170
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1315170
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 657585


MIX-MT102 Input: VP004 Max TAC
Entries 657585


MXQ-PP001
Entries 1.052136e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
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RPEHO2
RPEHI1
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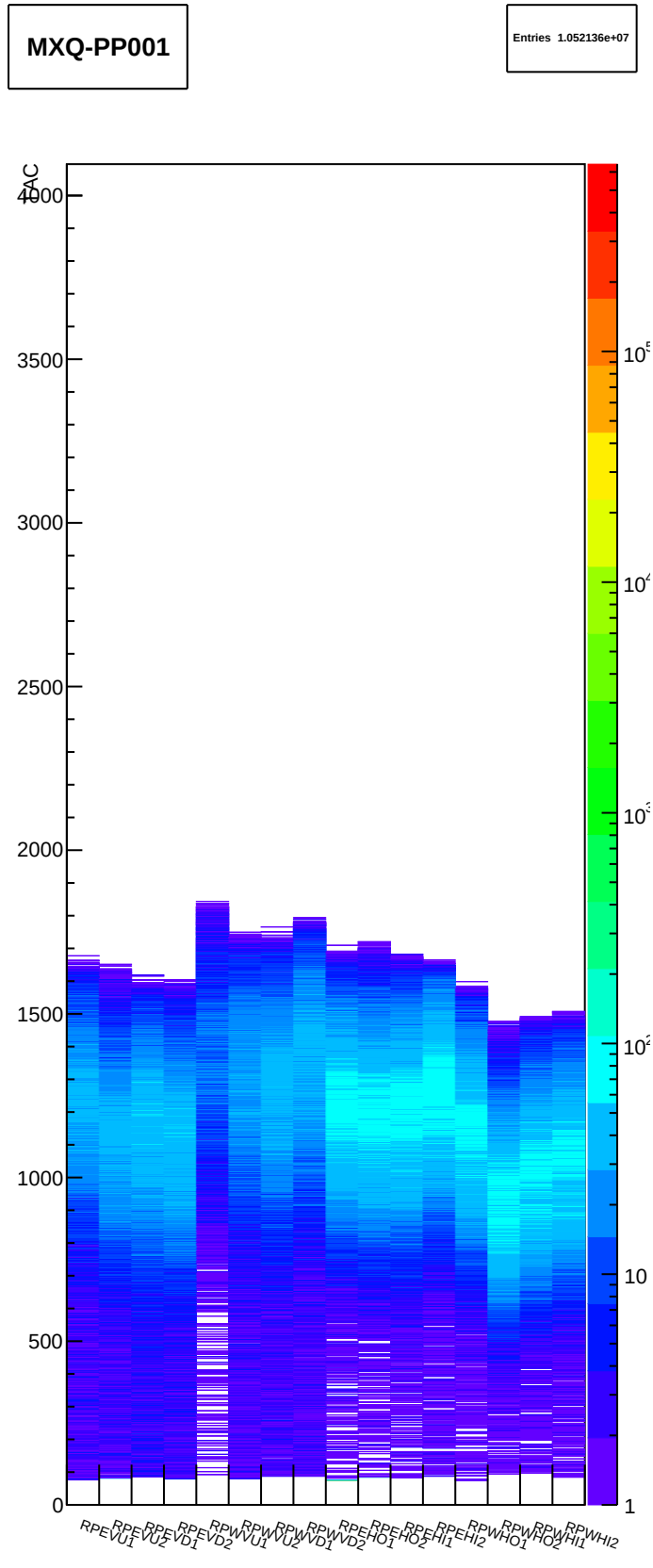
RPWHO2
RPWHI1
RPWHI2
1
10


MXQ-PP001
Entries 1.052136e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
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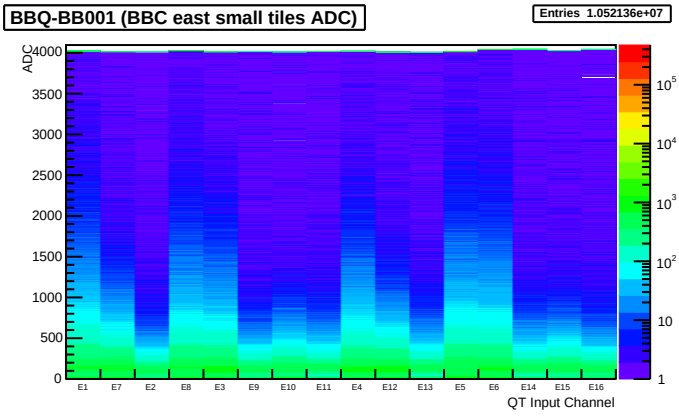
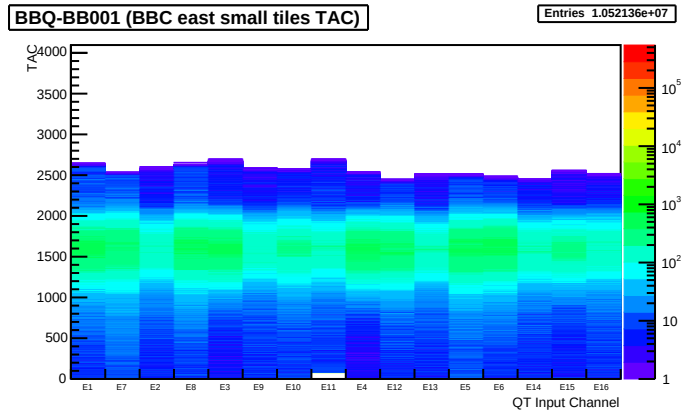
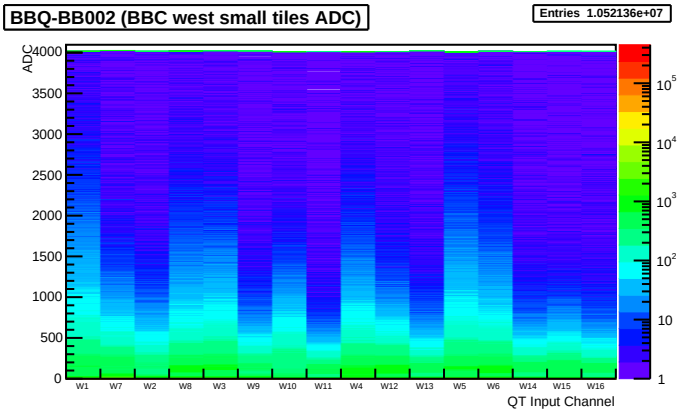
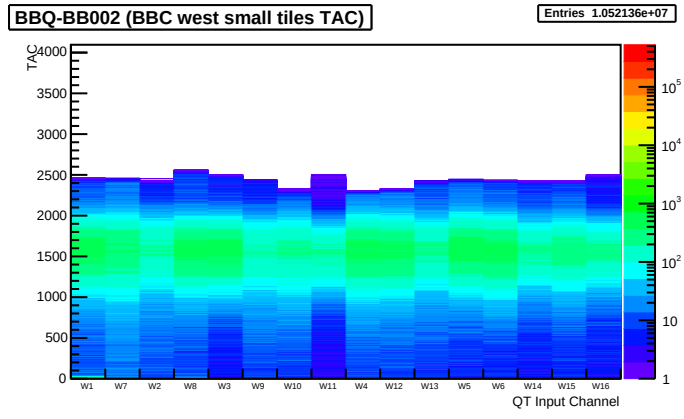
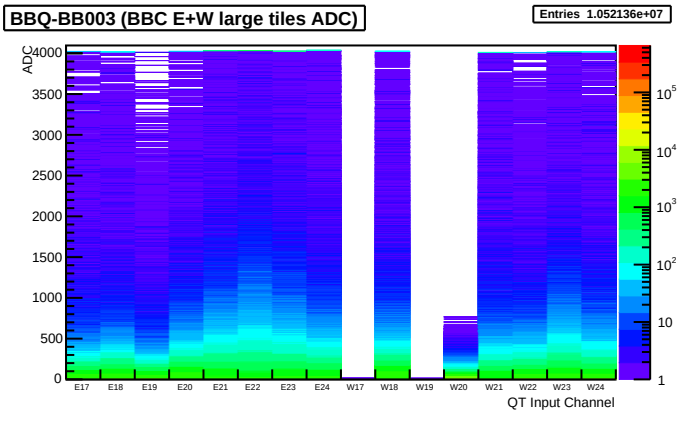
RPWHO2
RPWHI1
RPWHI2
1
10

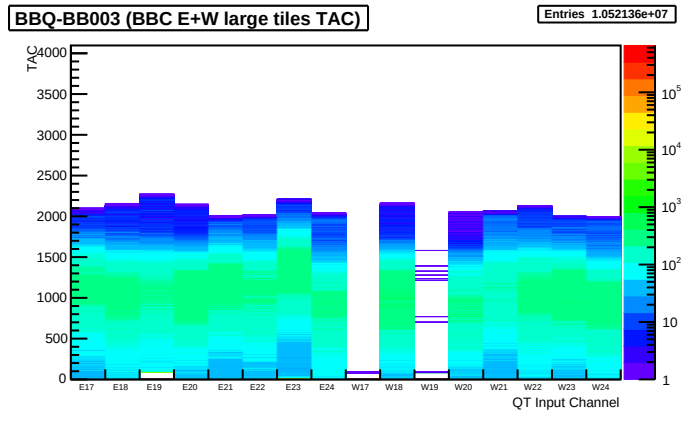

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.052136e+07
ADC
QT Input Channel

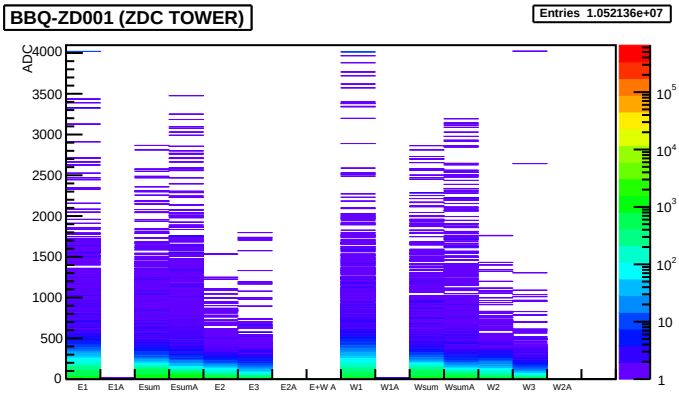

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.052136e+07
TAC
QT Input Channel

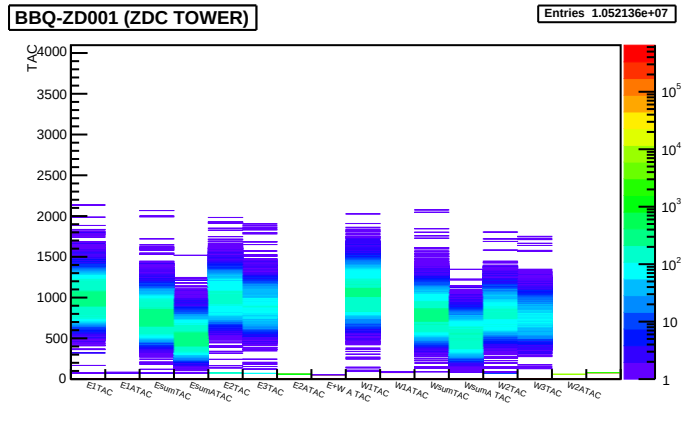

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.052136e+07
ADC
QT Input Channel

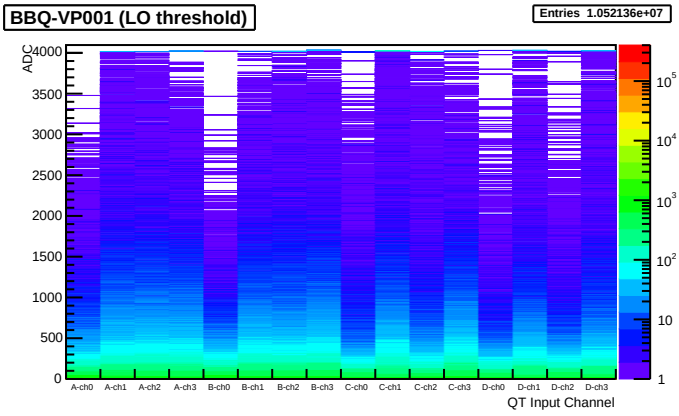

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.052136e+07
TAC
QT Input Channel

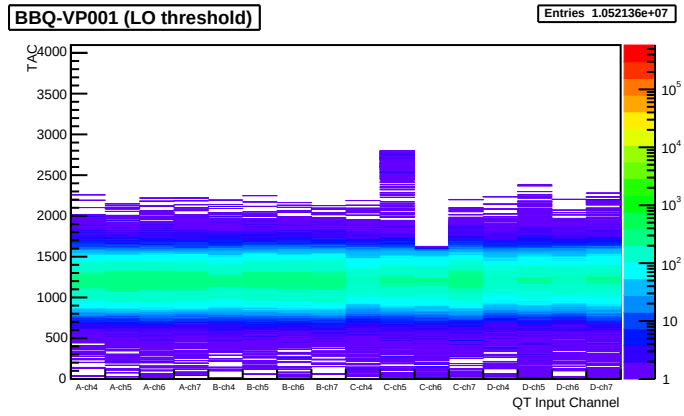

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.052136e+07
ADC
QT Input Channel

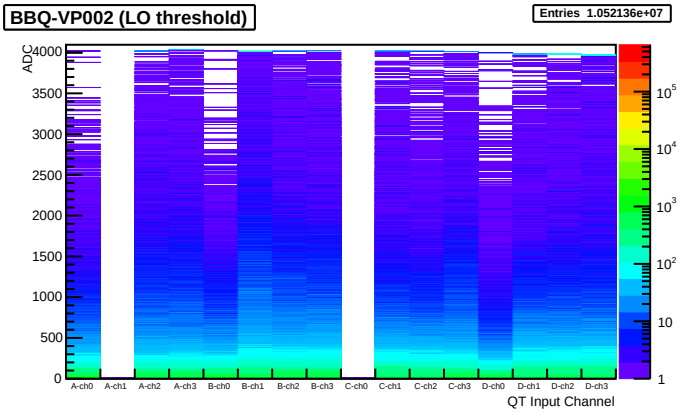

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.052136e+07
TAC
QT Input Channel

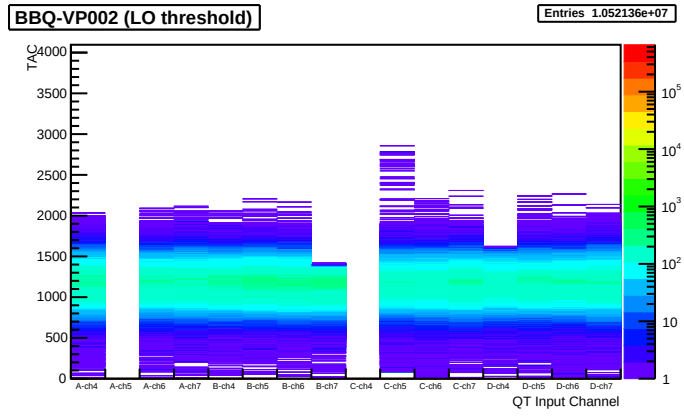

BBQ-ZD001 (ZDC TOWER)
Entries 1.052136e+07
ADC

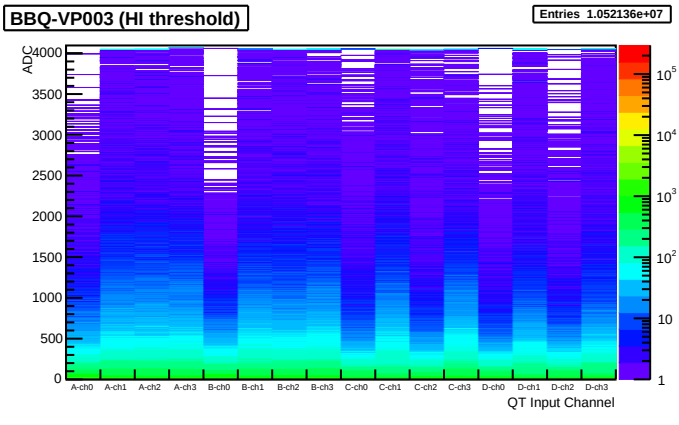

BBQ-ZD001 (ZDC TOWER)
Entries 1.052136e+07
TAC

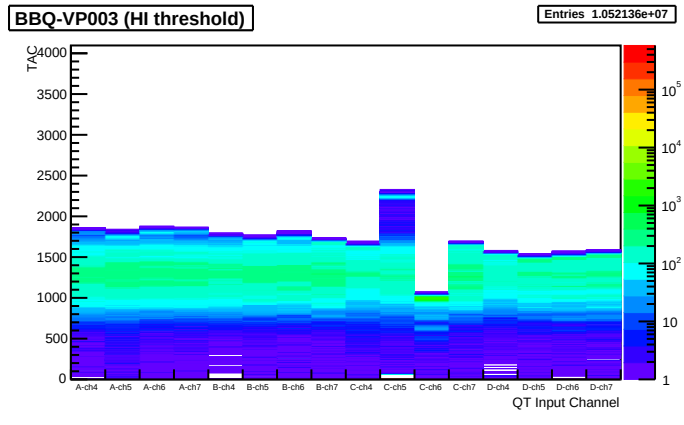

BBQ-VP001 (LO threshold)
Entries 1.052136e+07
ADC
QT Input Channel

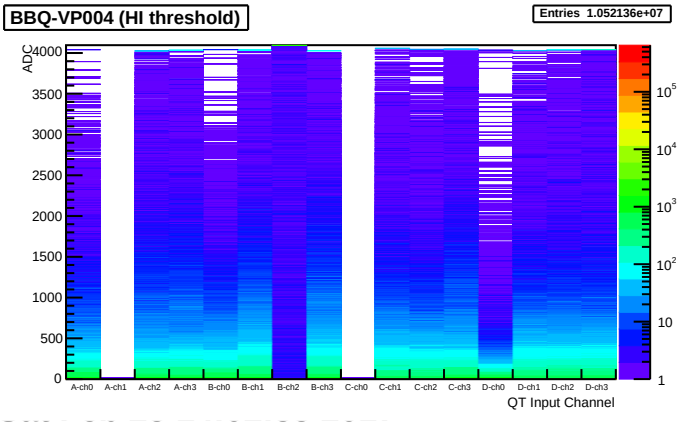

BBQ-VP001 (LO threshold)
Entries 1.052136e+07
TAC
QT Input Channel

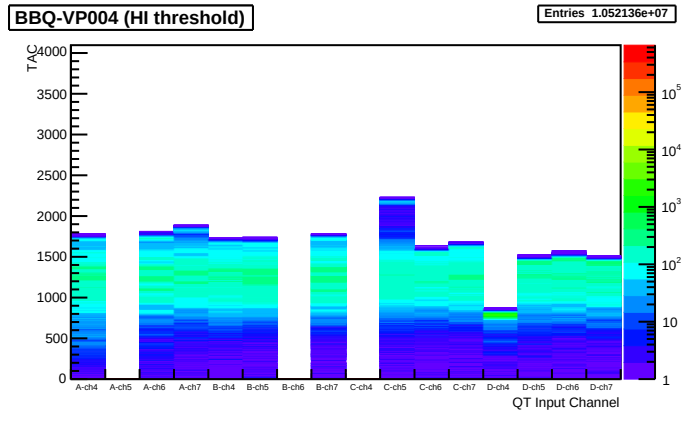

BBQ-VP002 (LO threshold)
Entries 1.052136e+07
ADC
QT Input Channel

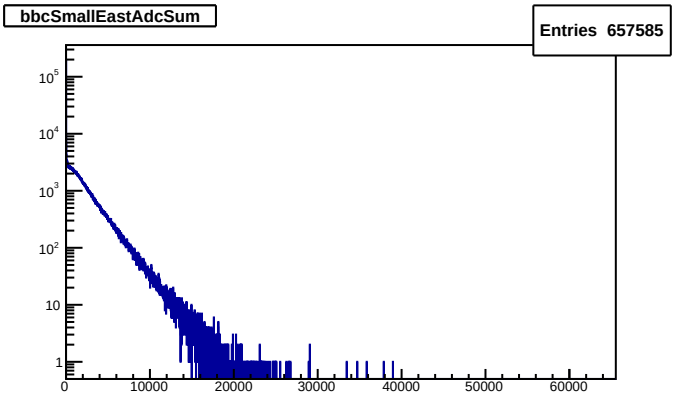

BBQ-VP002 (LO threshold)
Entries 1.052136e+07
TAC
QT Input Channel

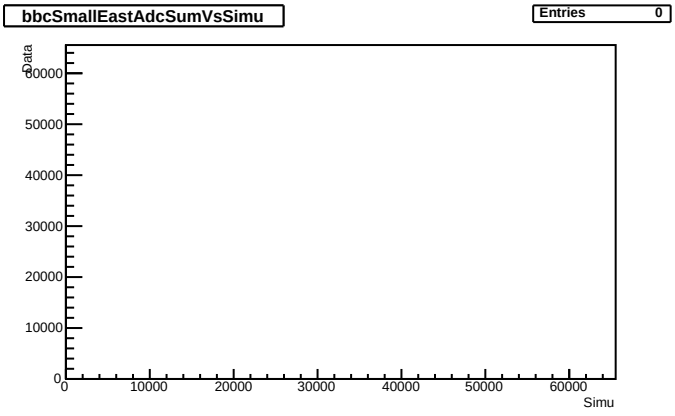

BBQ-VP003 (HI threshold)
Entries 1.052136e+07
ADC
QT Input Channel

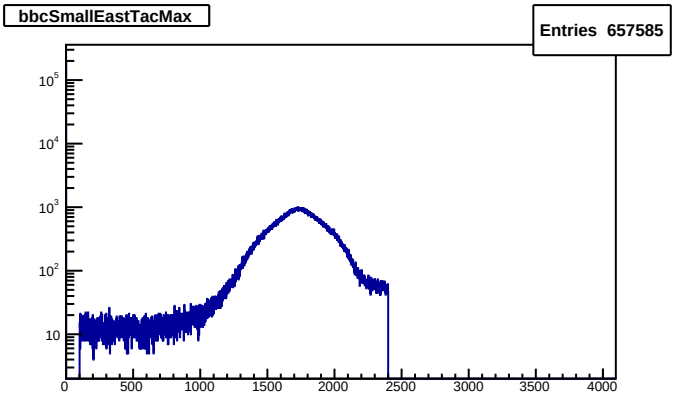

BBQ-VP003 (HI threshold)
Entries 1.052136e+07
TAC
QT Input Channel

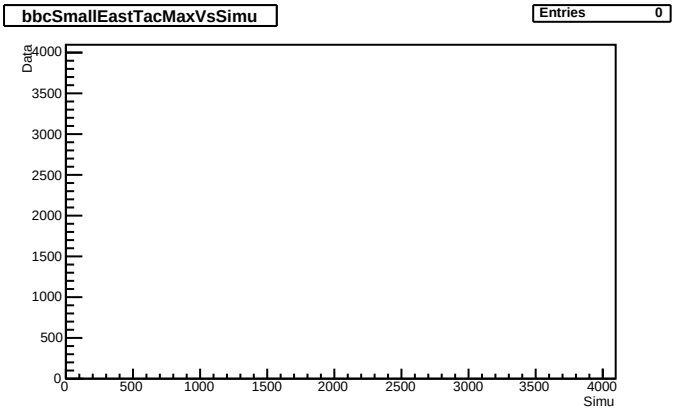

BBQ-VP004 (HI threshold)
Entries 1.052136e+07
ADC
QT Input Channel

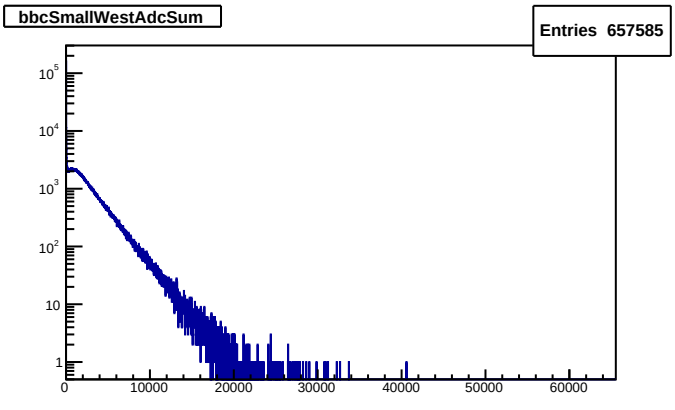

BBQ-VP004 (HI threshold)
Entries 1.052136e+07
TAC
QT Input Channel

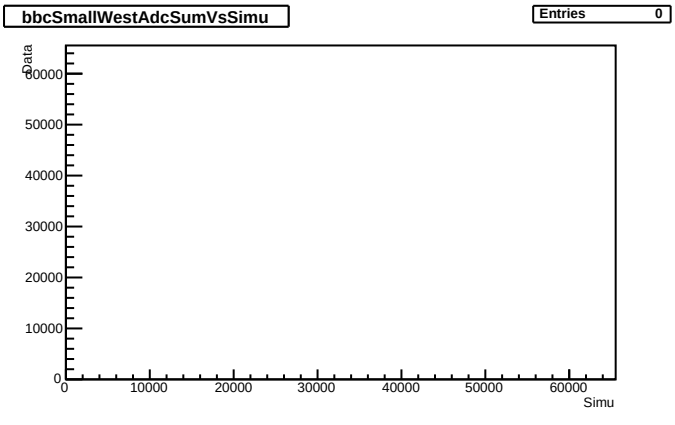

bbcSmallEastAdcSum
Entries 657585

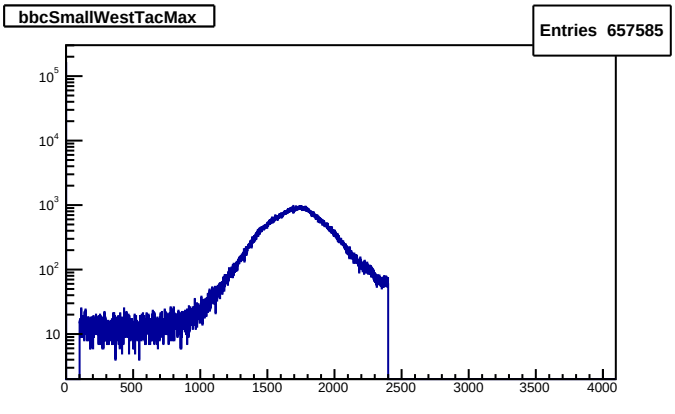

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

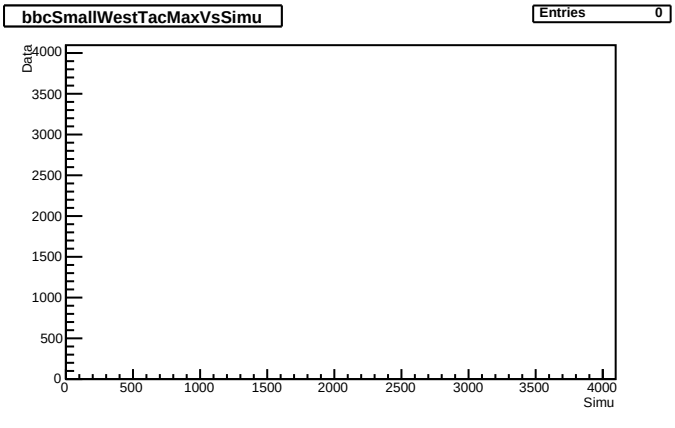

bbcSmallEastTacMax
Entries 657585

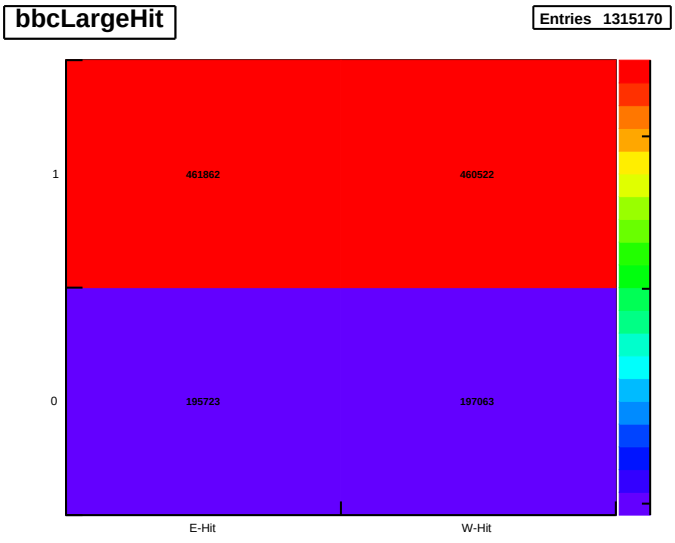

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

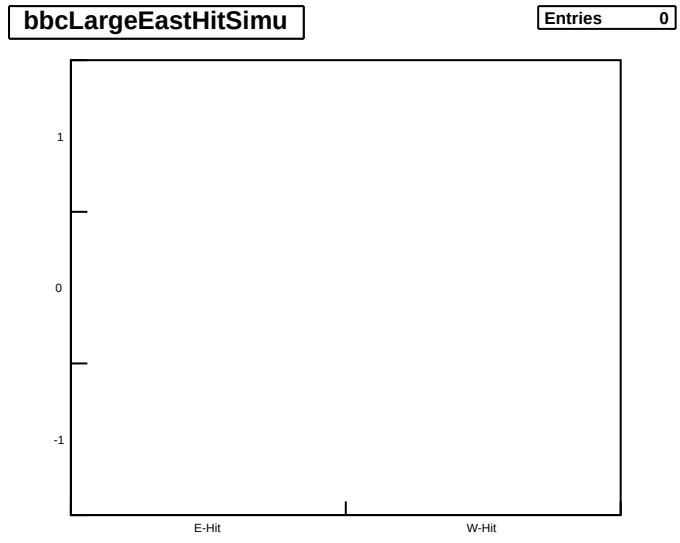

bbcSmallWestAdcSum
Entries 657585

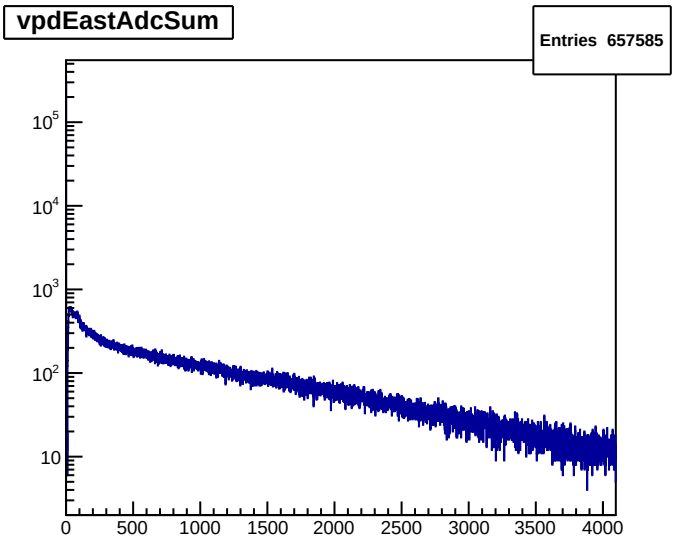

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

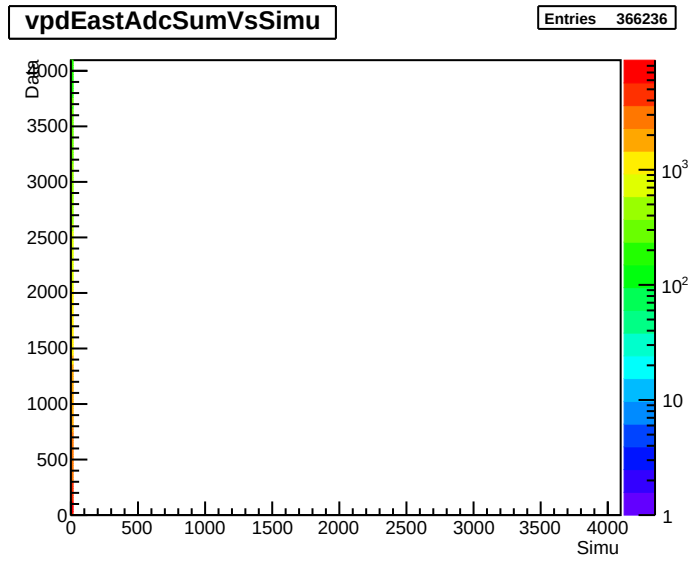

bbcSmallWestTacMax
Entries 657585

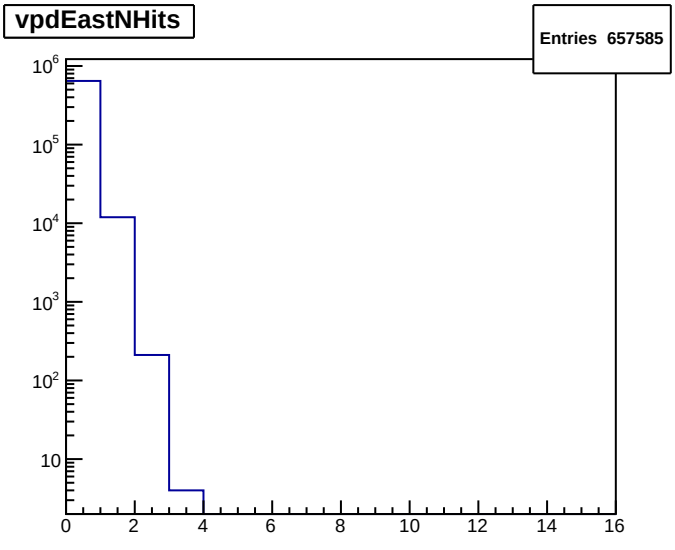

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

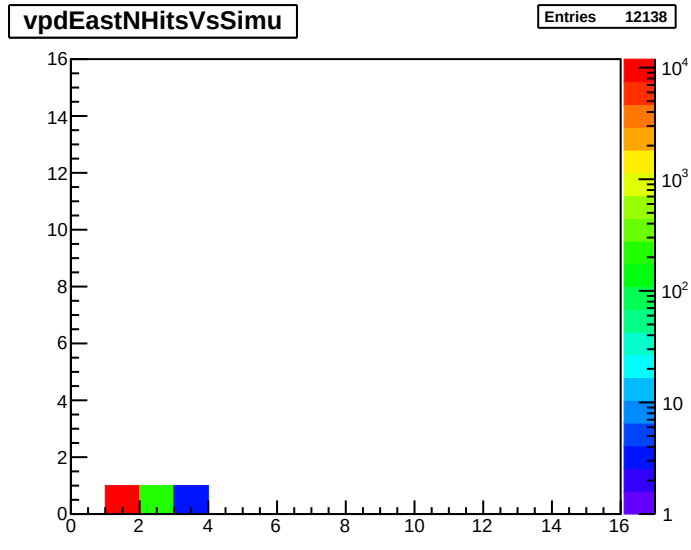

bbcLargeHit
Entries 1315170
1
0
461862
460522
195723
197063
E-Hit
W-Hit

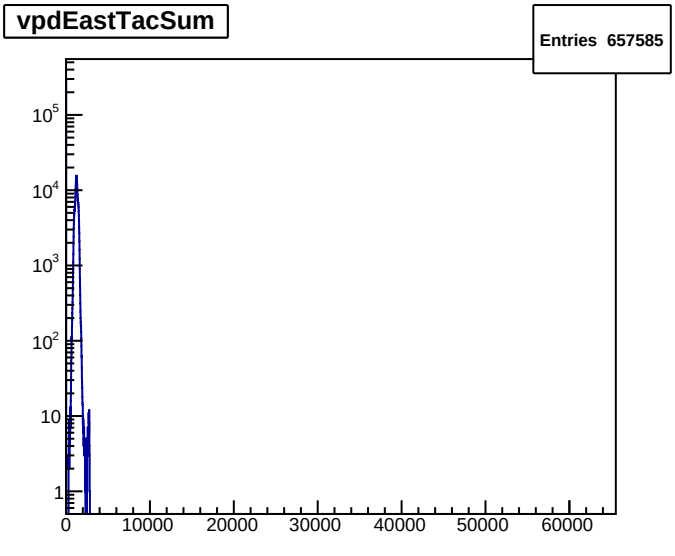

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

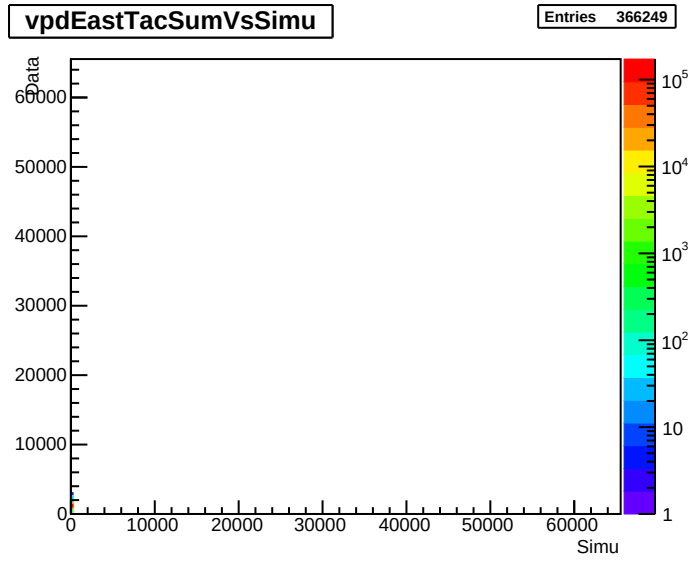

vpdEastAdcSum
Entries 657585

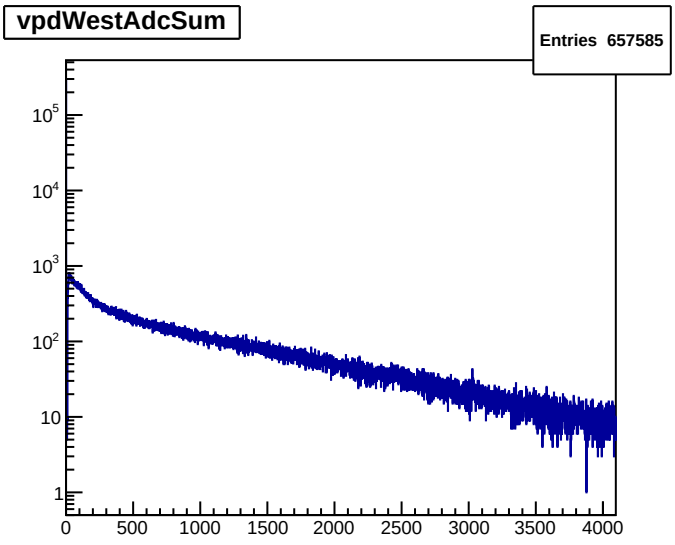

vpdEastAdcSumVsSimu
Entries 366236
Data
Simu

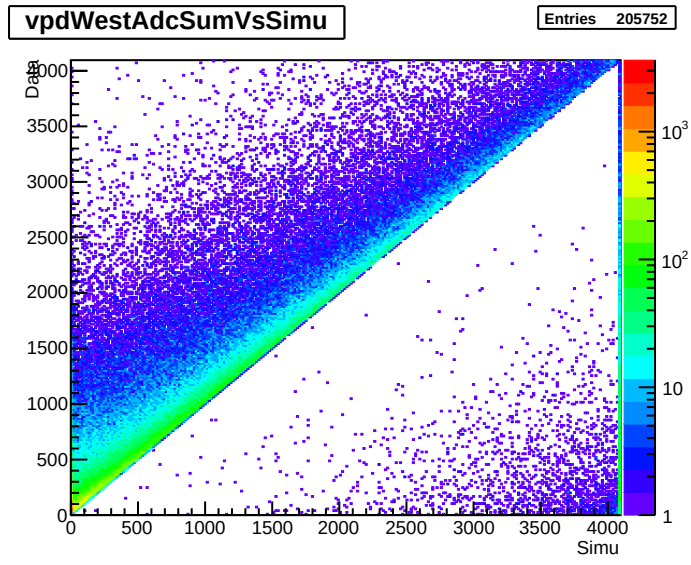

vpdEastNHits
Entries 657585

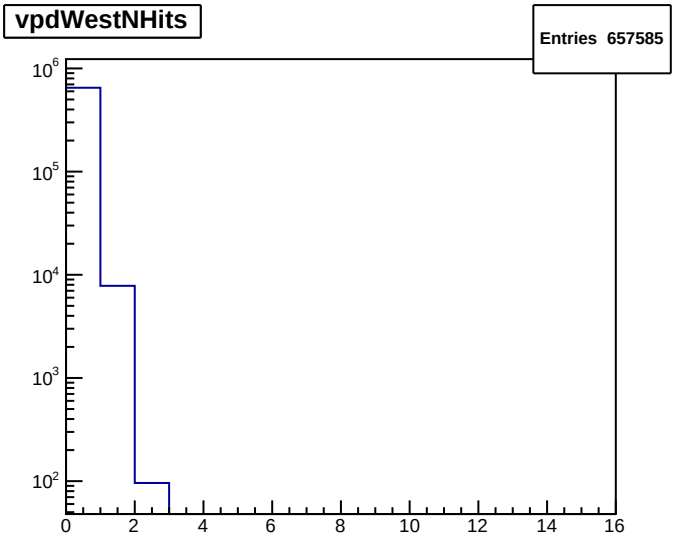

vpdEastNHitsVsSimu
Entries 12138

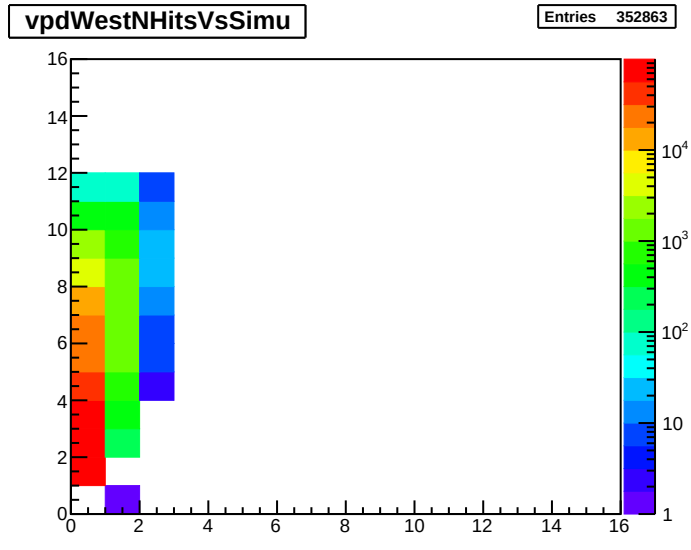

vpdEastTacSum
Entries 657585

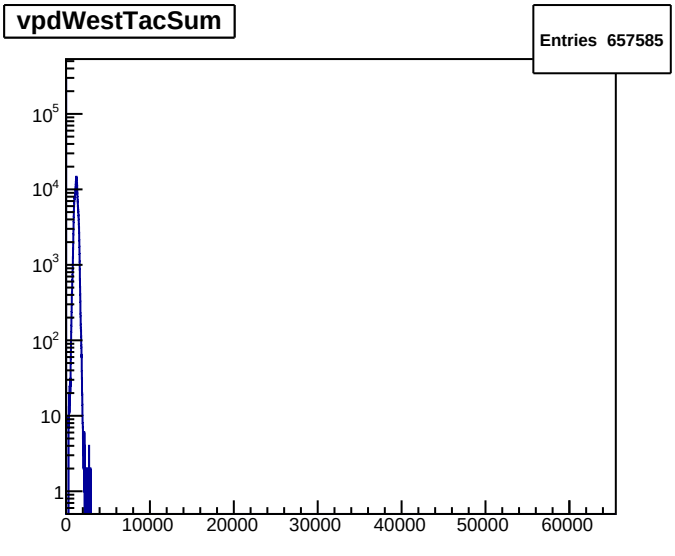

vpdEastTacSumVsSimu
Entries 366249
Data
Simu

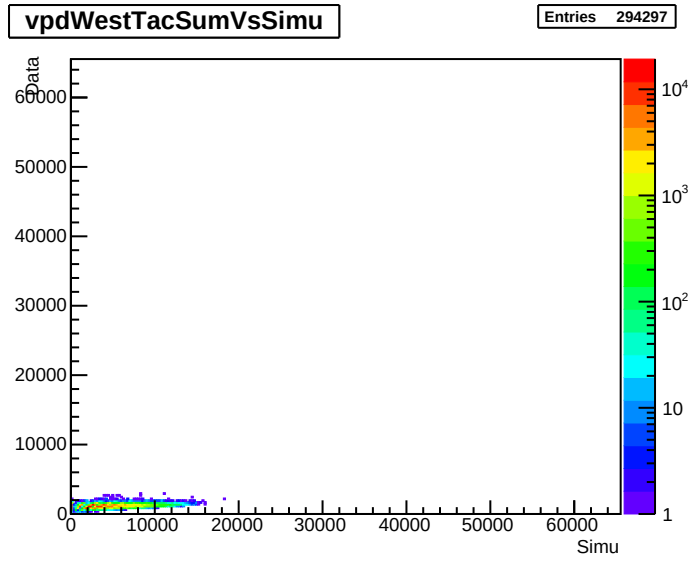

vpdWestAdcSum
Entries 657585

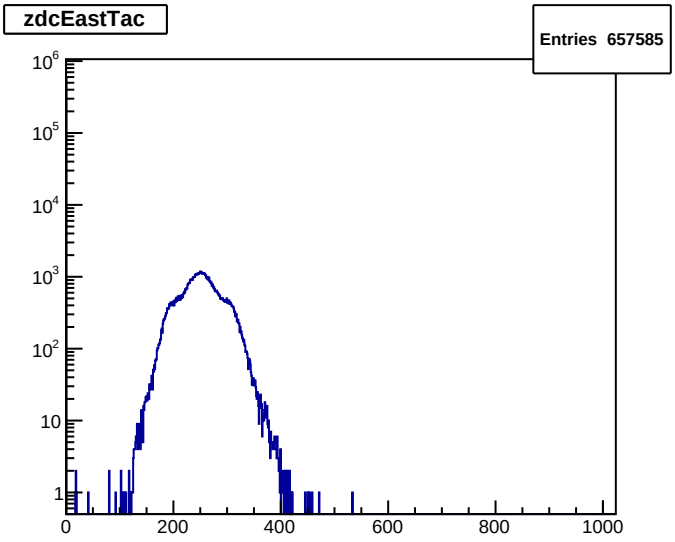

vpdWestAdcSumVsSimu
Entries 205752
Data
Simu

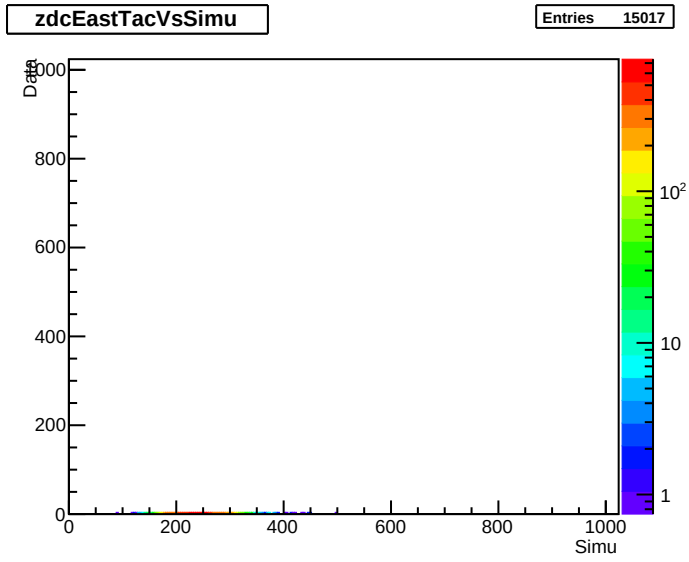

vpdWestNHits
Entries 657585

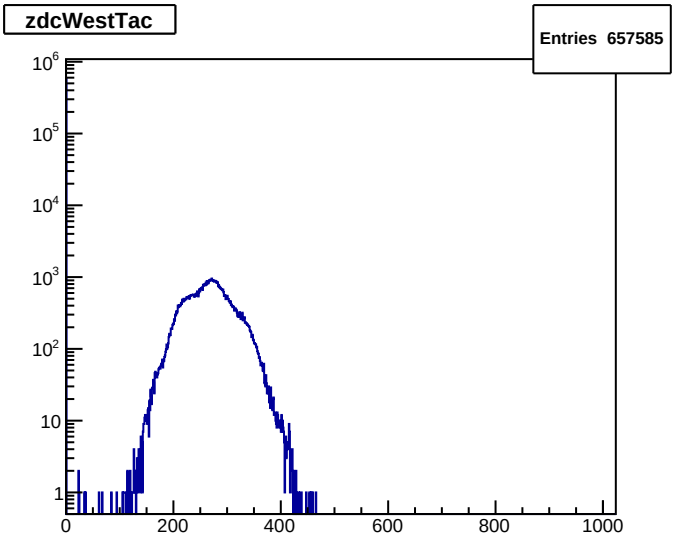

vpdWestNHitsVsSimu
Entries 352863

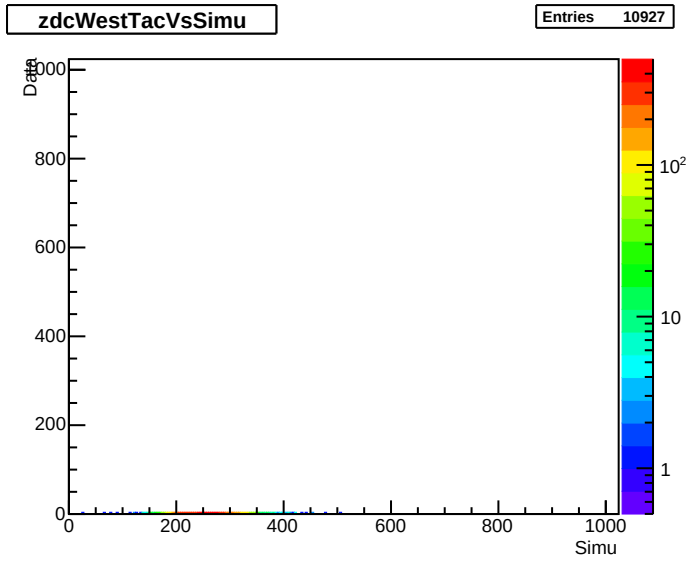

vpdWestTacSum
Entries 657585

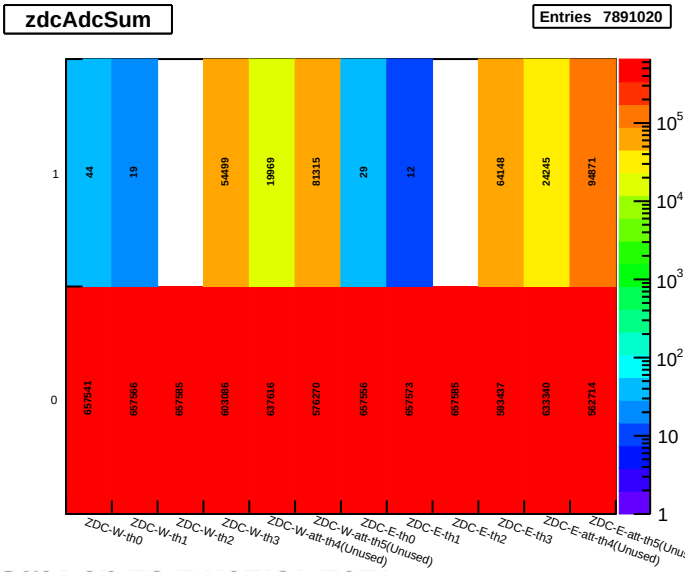

vpdWestTacSumVsSimu
Entries 294297
Data
Simu

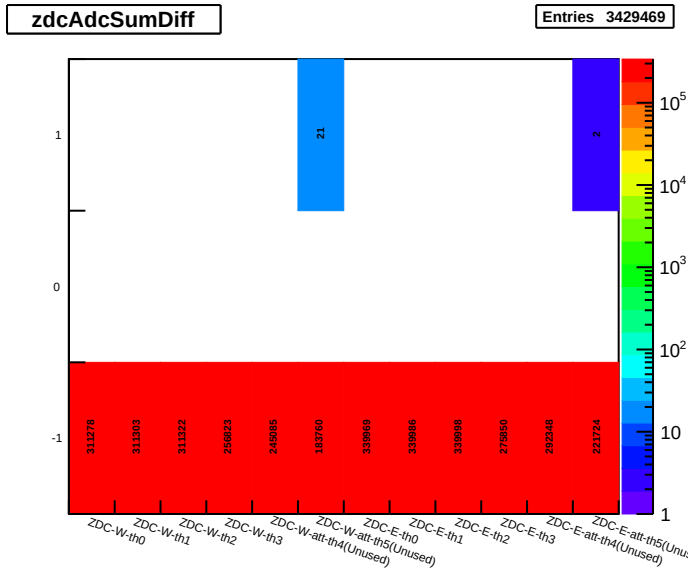

zdcEastTac
Entries 657585

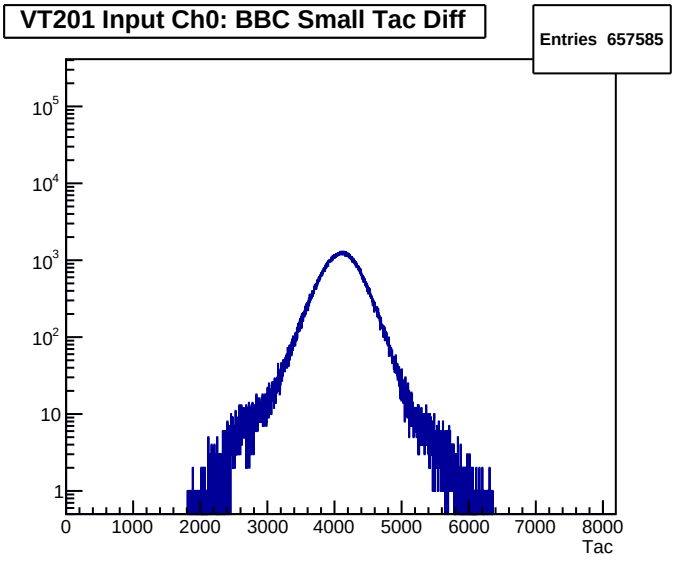

zdcEastTacVsSimu
Entries 15017
Data
Simu

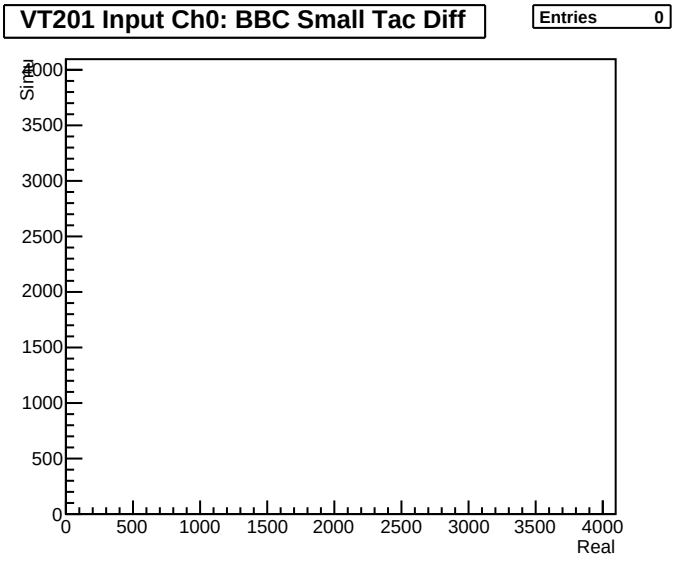

zdcWestTac
Entries 657585

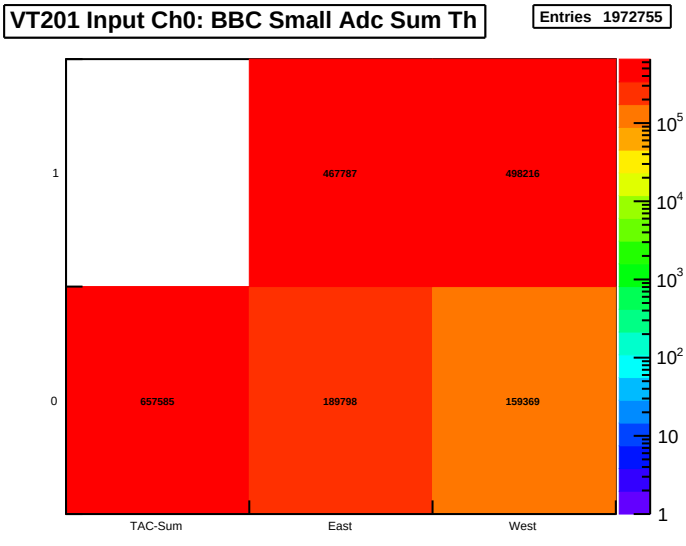

zdcWestTacVsSimu
Entries 10927
Data
Simu

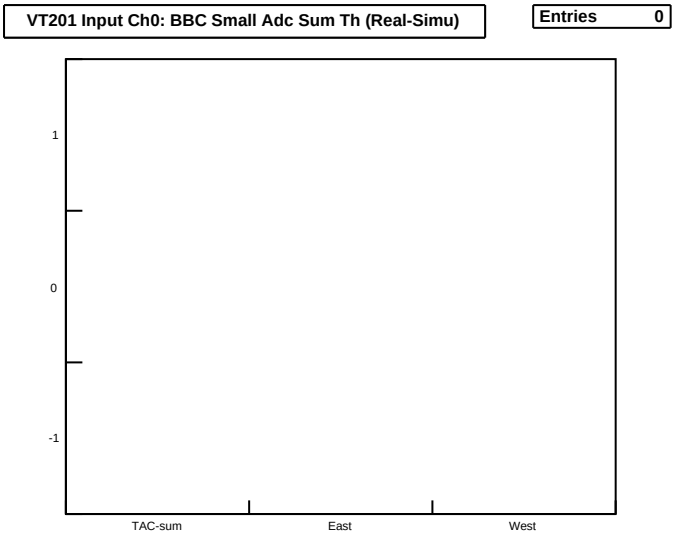

zdcAdcSum
Entries 7891020
44
19
54499
19969
81315
29
12
64148
24245
94871
657541
657566
657585
603086
637616
576270
657566
657573
657585
593437
633340
562714
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

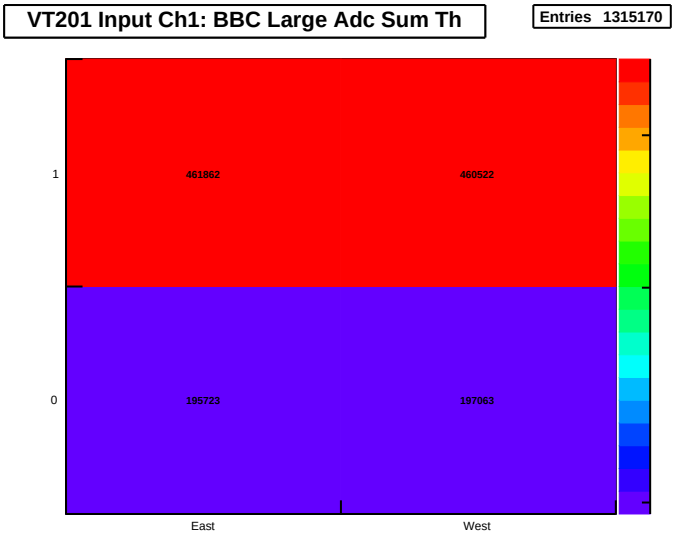

zdcAdcSumDiff
Entries 3429469
21
2
311278
311303
311322
258823
245985
183760
339969
339986
339998
275550
292348
221724
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

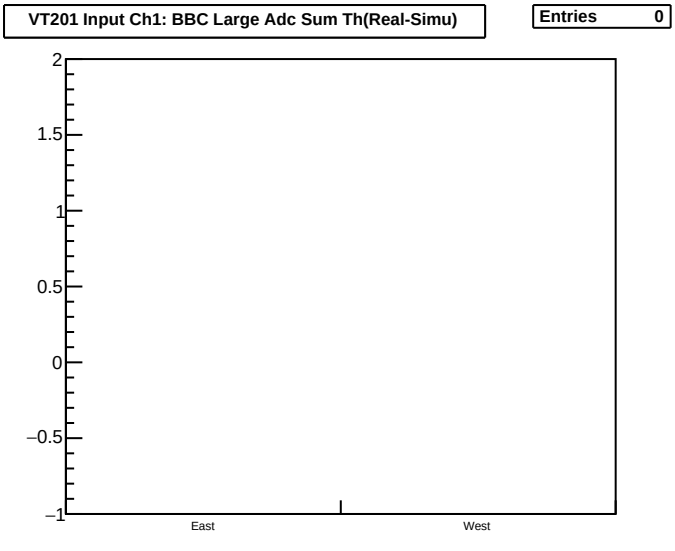

VT201 Input Ch0: BBC Small Tac Diff
Entries 657585
Tac


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

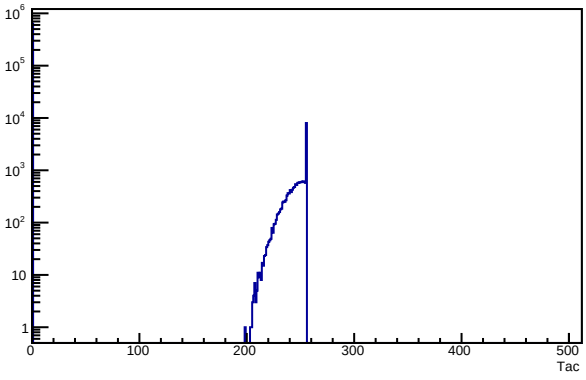

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1972755
467787
498216
657585
189798
159369
TAC-Sum
East
West


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

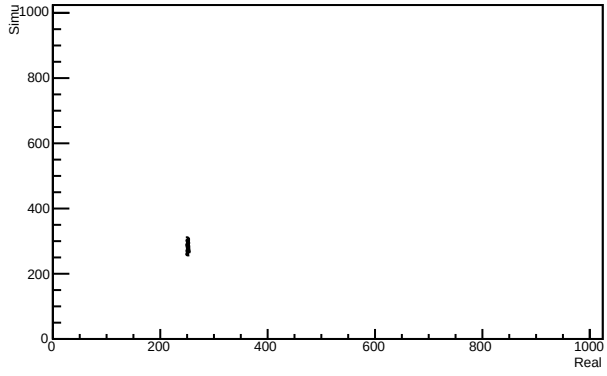

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1315170
461862
460522
195723
197063
East
West


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

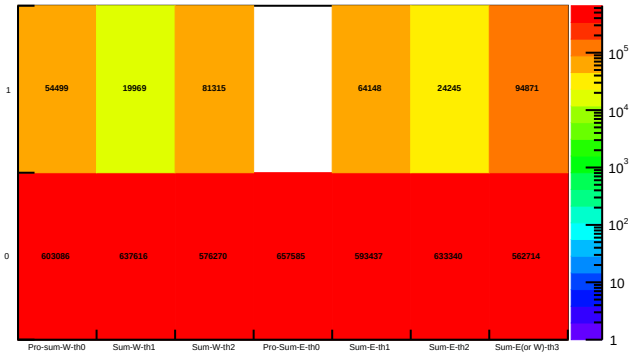
VT201 Input Ch2: ZDC Tac Diff



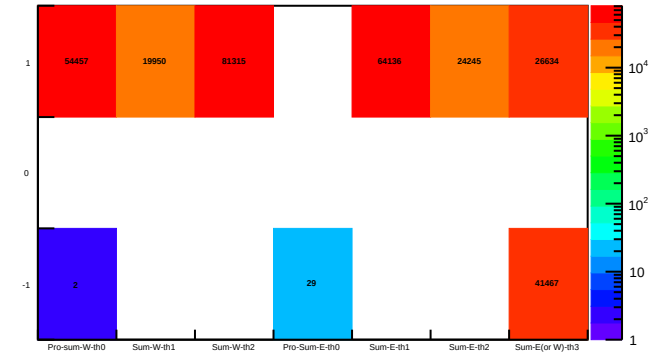
VT201 Input Ch2: ZDC Tac Diff



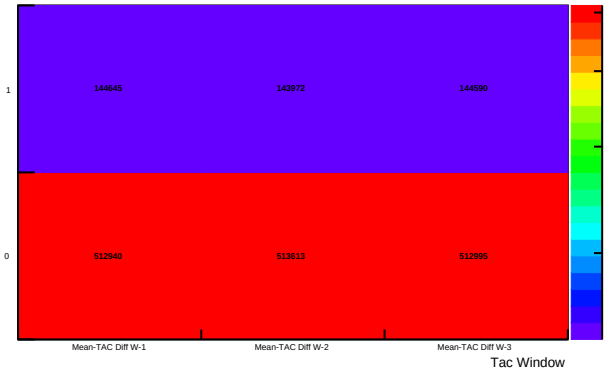
VT201 Input Ch2: ZDC Adc Sum Th



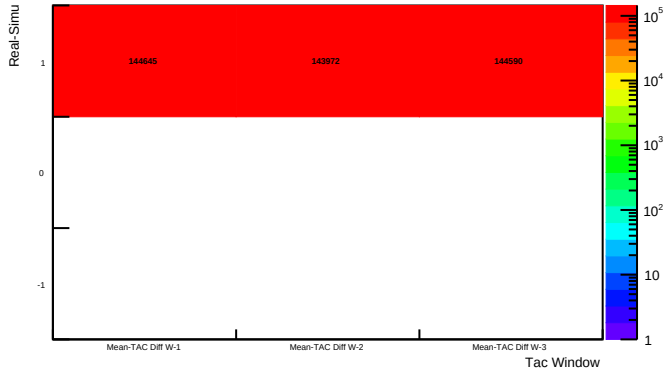
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



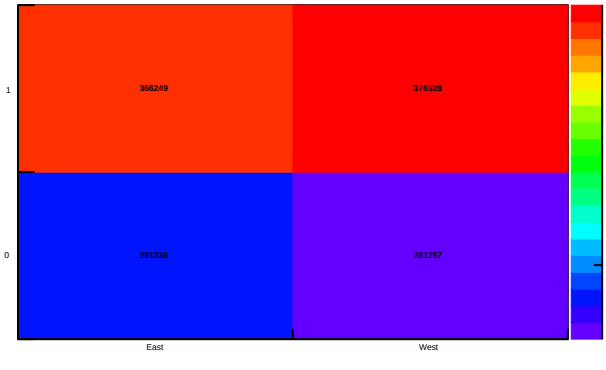
VT201 Input Ch4: VPD Tac Diff



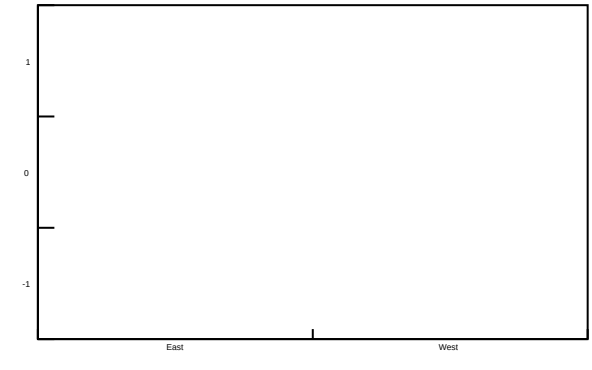
VT201 Input Ch4: VPD Tac Diff

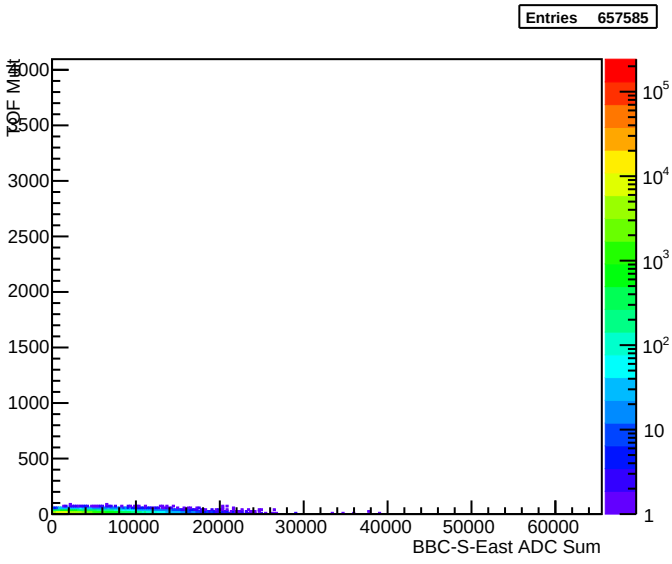


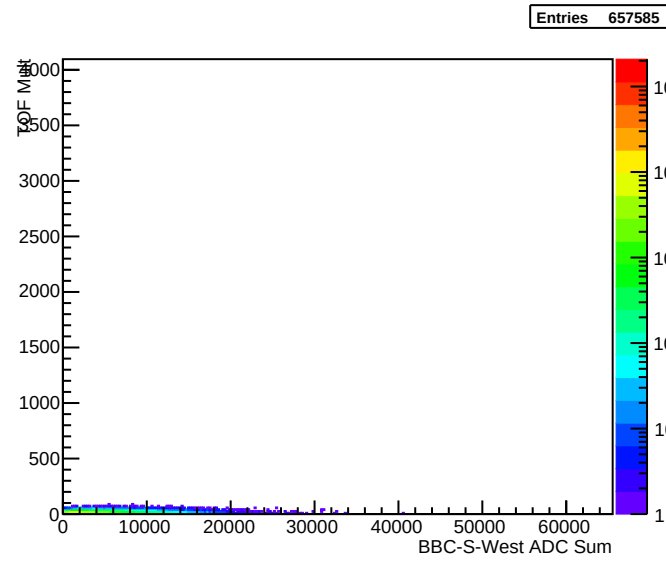
VT201 Input Ch4: VPD Adc Sum Th

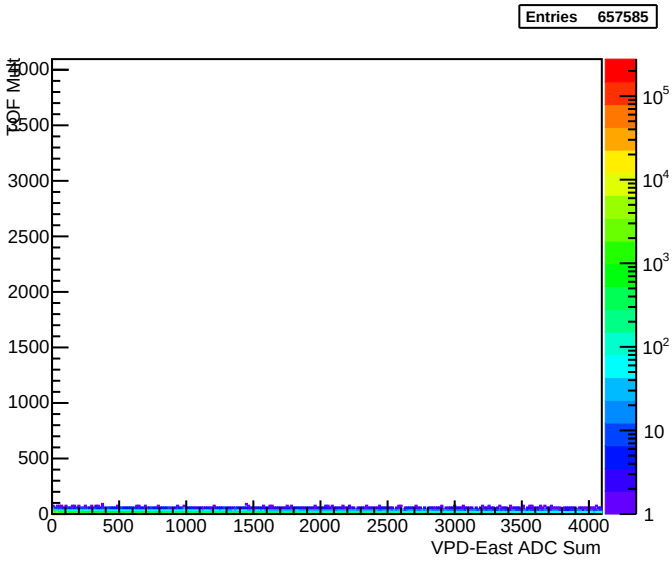


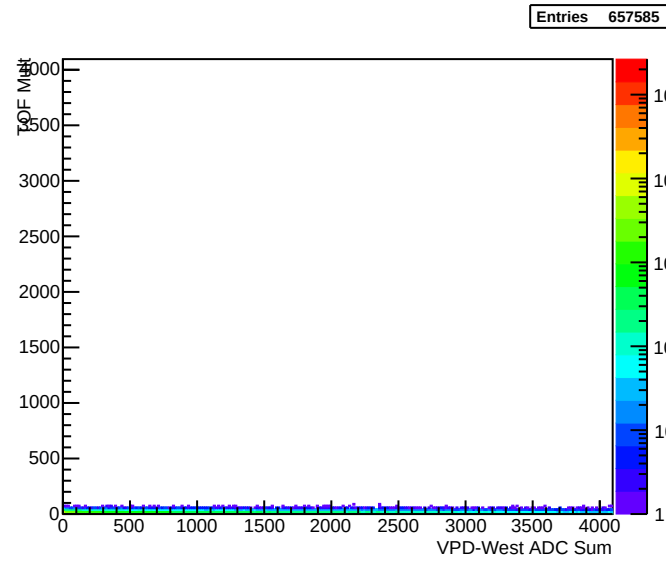
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

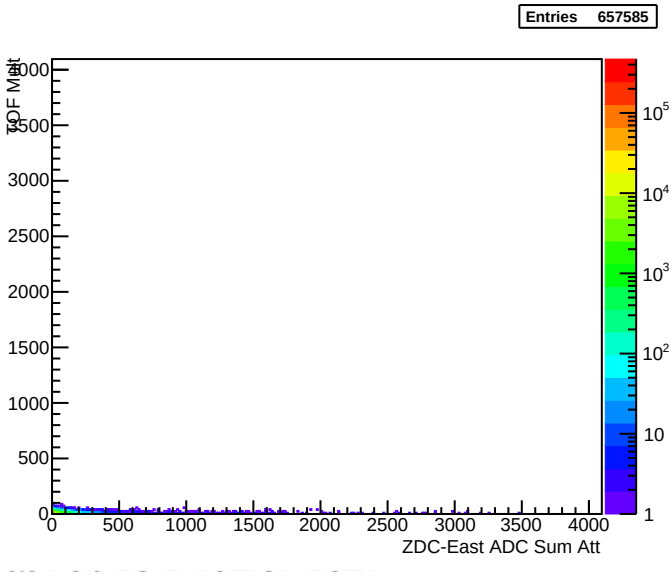


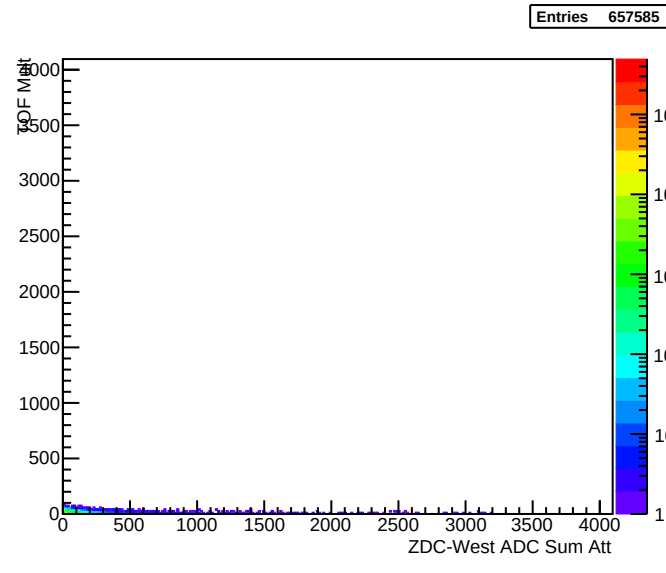

Entries 657585
TOF Mult
BBC-S-East ADC Sum

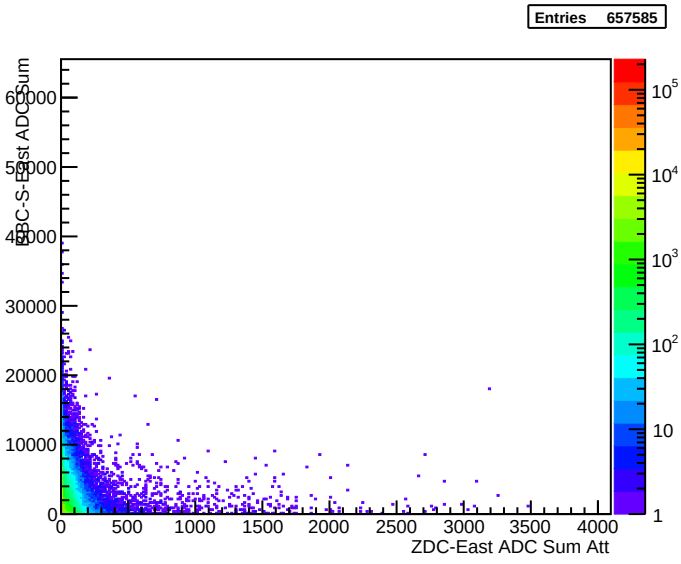

Entries 657585
TOF Mult
BBC-S-West ADC Sum

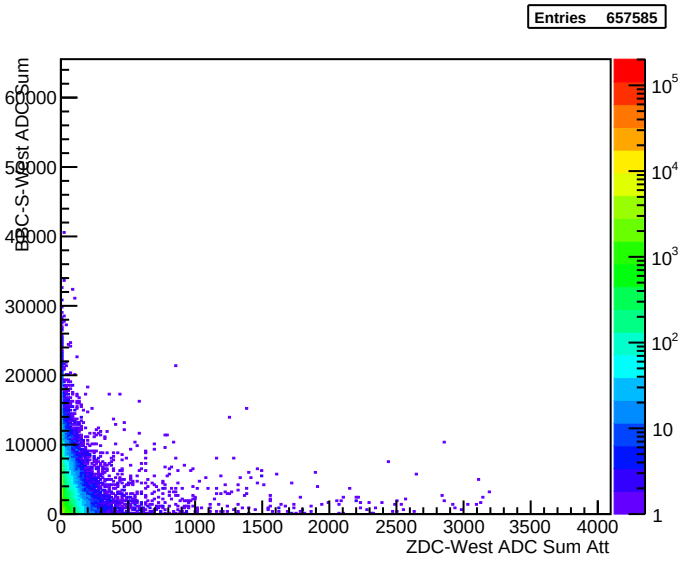

Entries 657585
TOF Mult
VPD-East ADC Sum

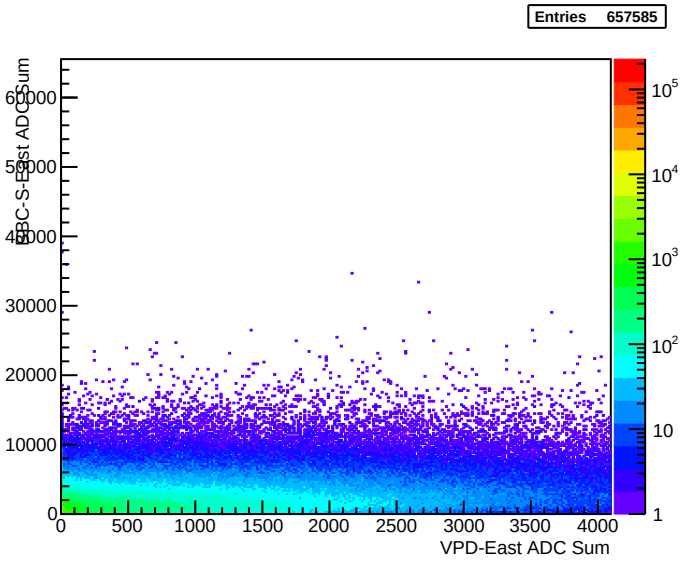

Entries 657585
TOF Mult
VPD-West ADC Sum

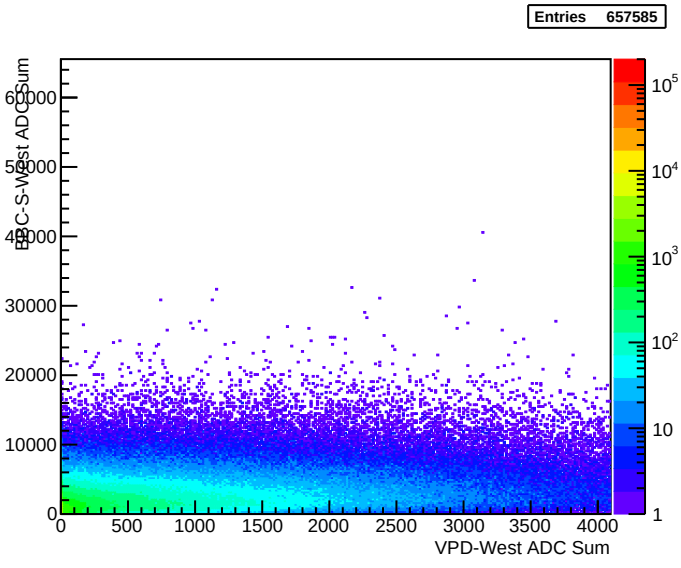

Entries 657585
TOF Mult
ZDC-East ADC Sum Att

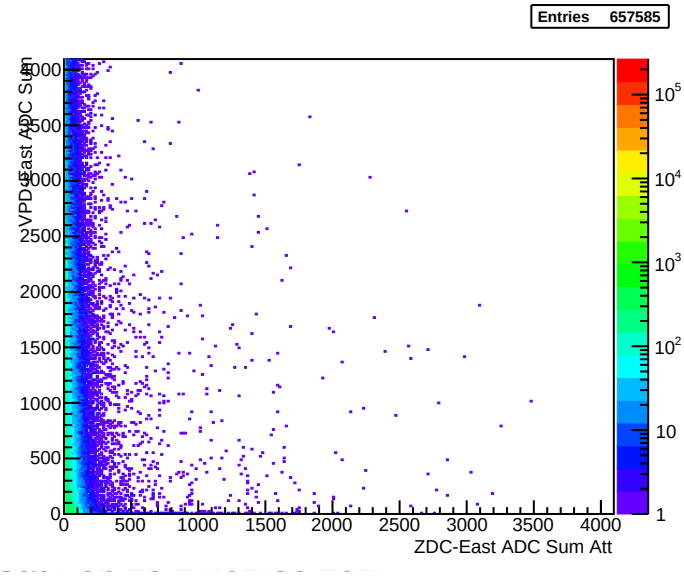

Entries 657585
TOF Mult
ZDC-West ADC Sum Att

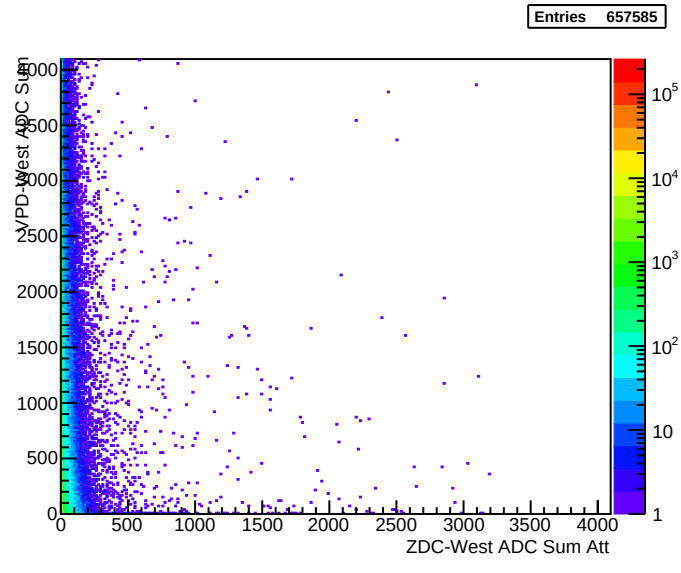

Entries 657585
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

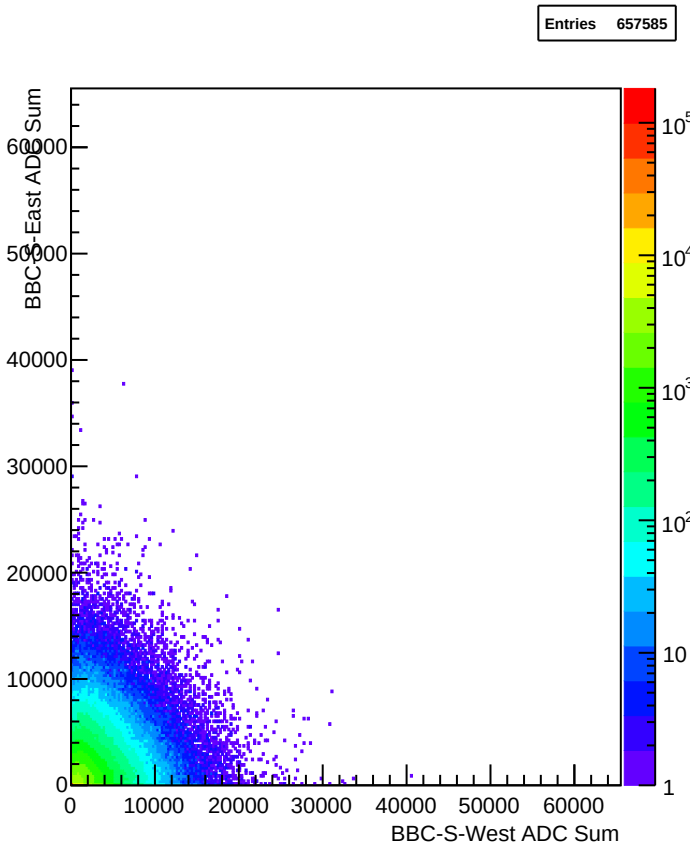

Entries 657585
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

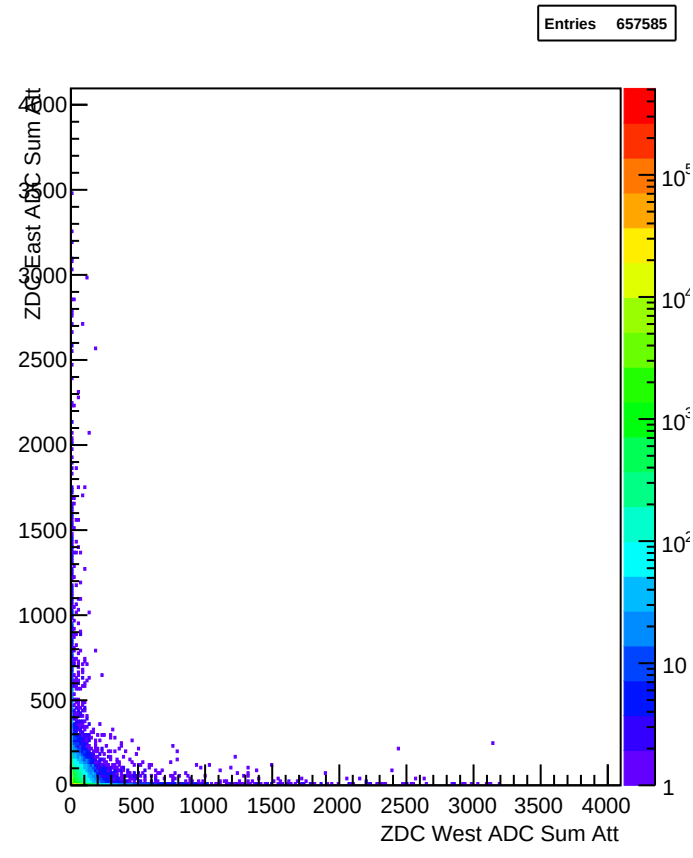

Entries 657585
BBC-S-East ADC Sum
VPD-East ADC Sum

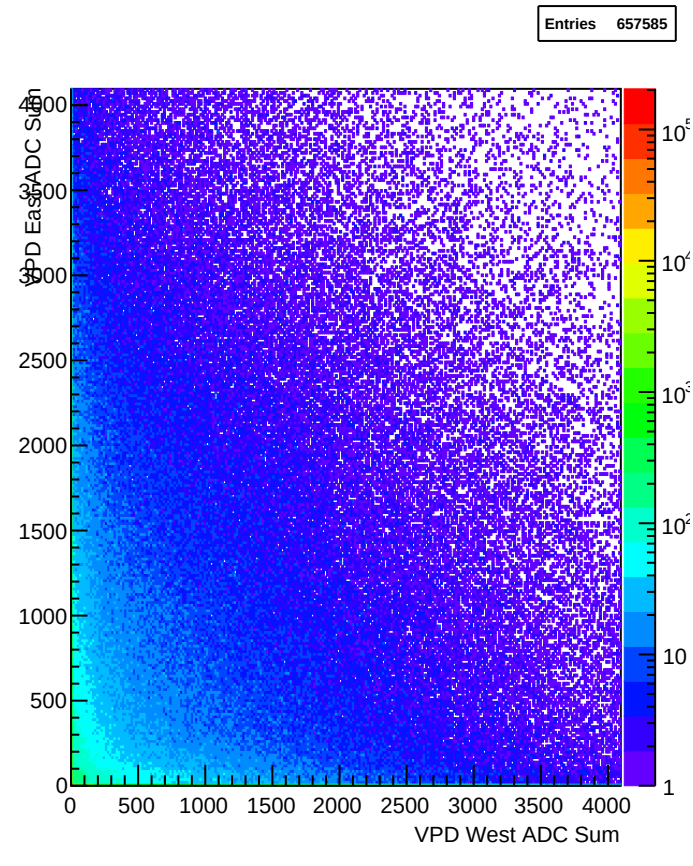

Entries 657585
BBC-S-West ADC Sum
VPD-West ADC Sum

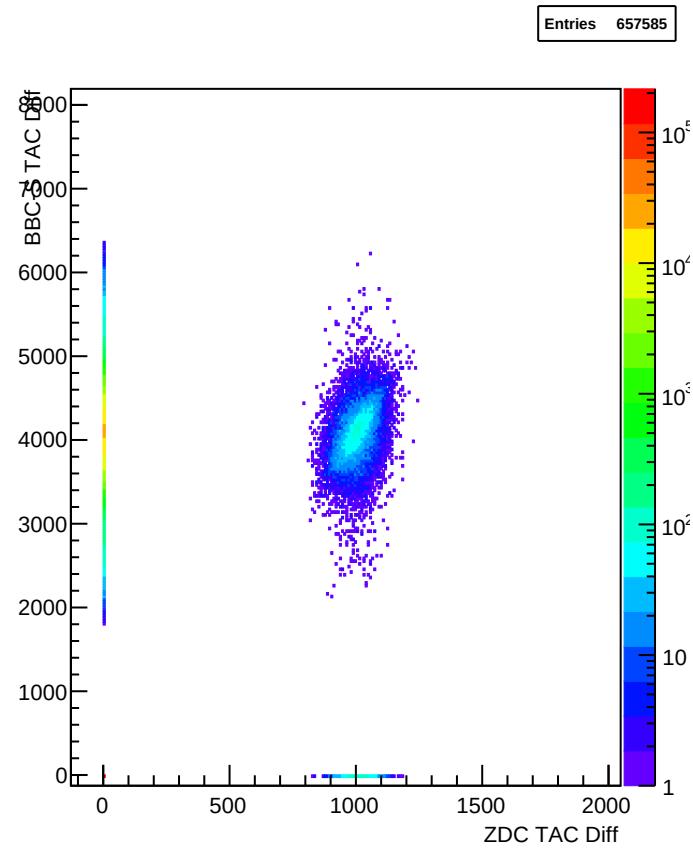

Entries 657585
VPD-East ADC Sum
ZDC-East ADC Sum Att

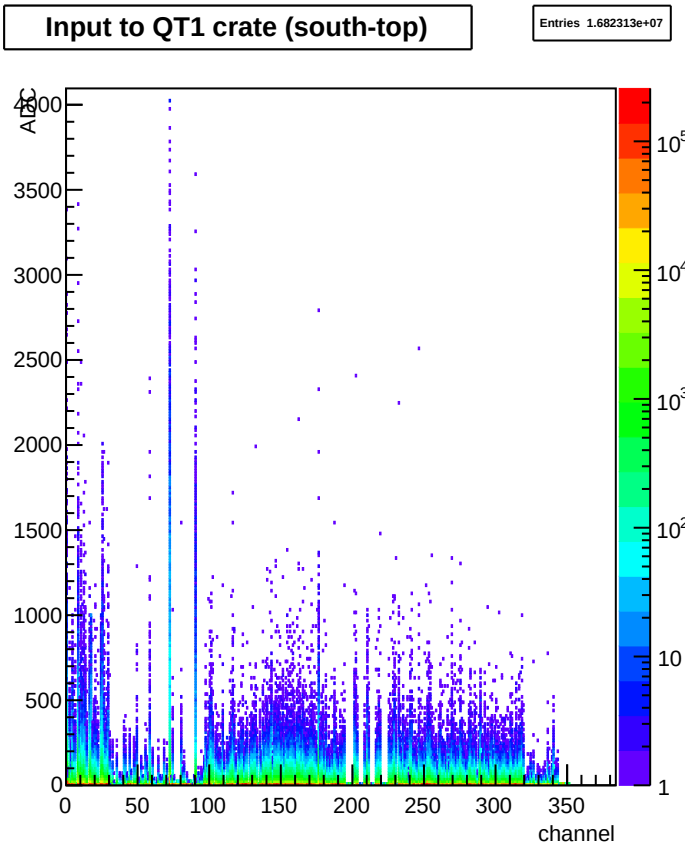

Entries 657585
VPD-West ADC Sum
ZDC-West ADC Sum Att

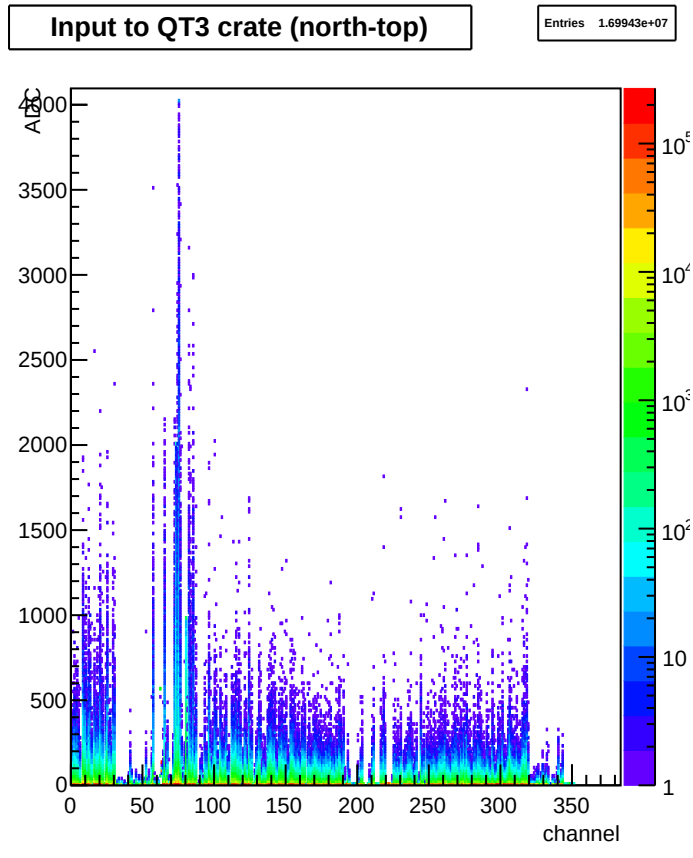

Entries 657585
BBC-S-East ADC Sum
BBC-S-West ADC Sum

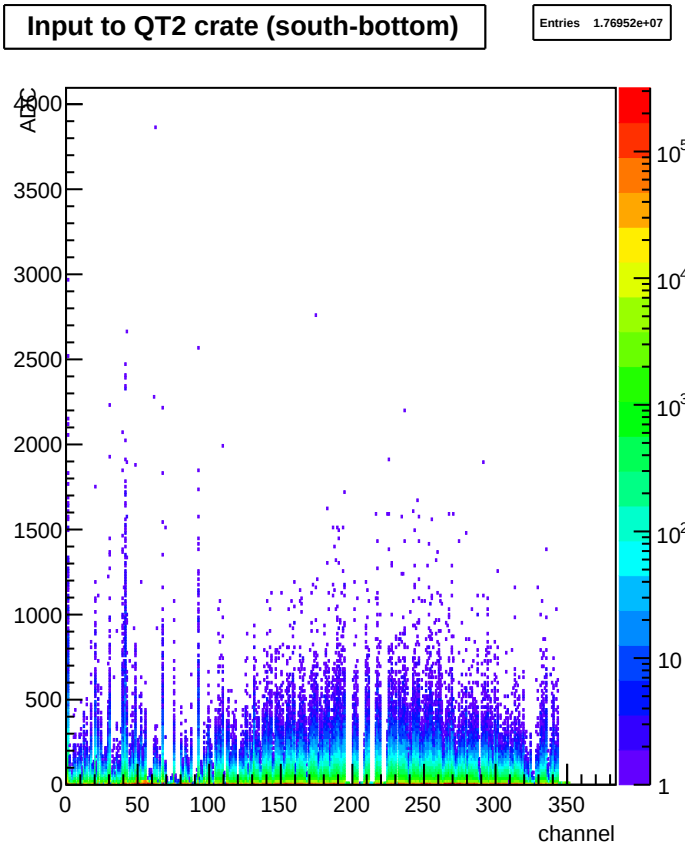

Entries 657585
ZDC East ADC Sum Att
ZDC West ADC Sum Att

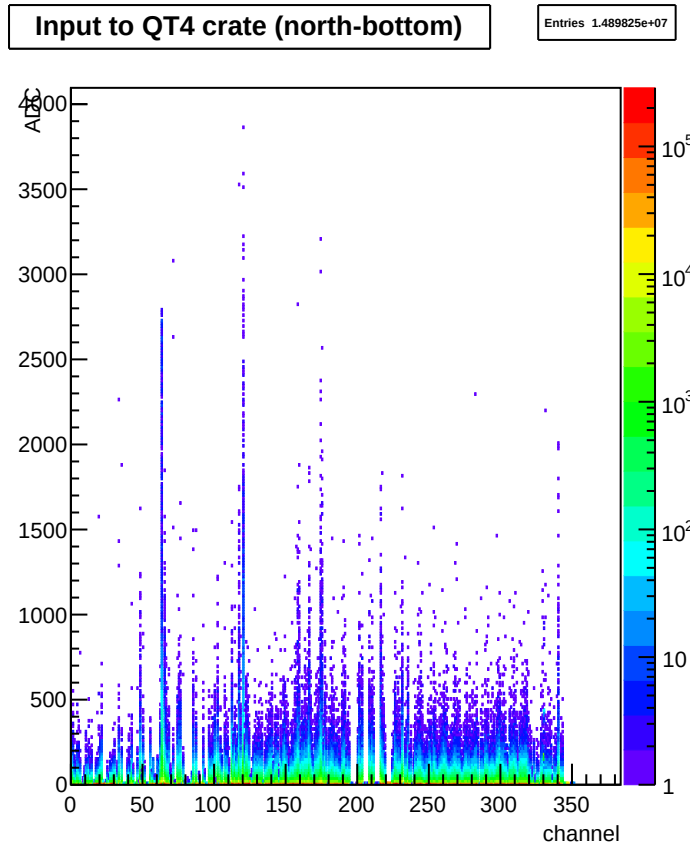

Entries 657585
VPD East ADC Sum
VPD West ADC Sum

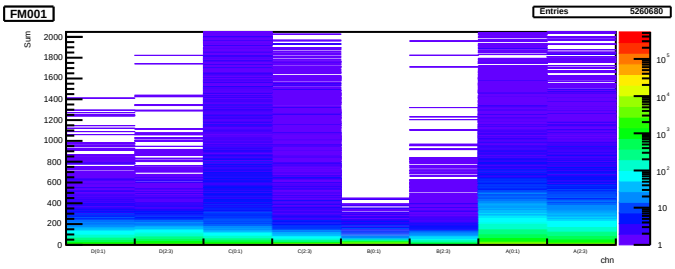

Entries 657585
BBC-S TAC Diff
ZDC TAC Diff

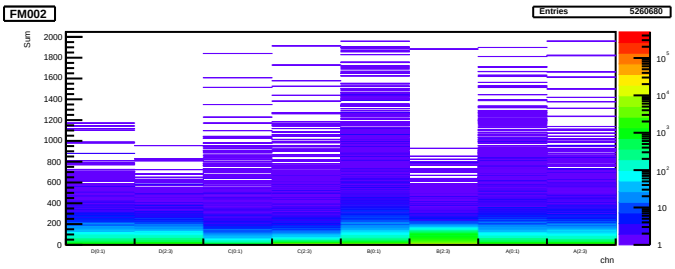

Input to QT1 crate (south-top)
Entries 1.682313e+07
ADC
channel

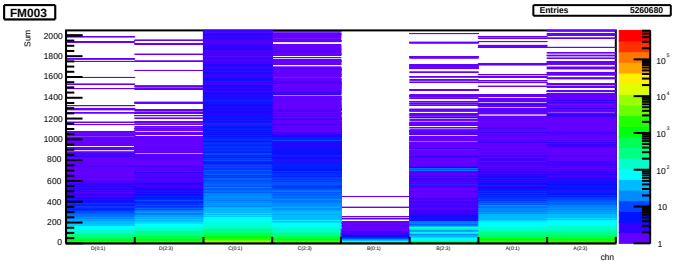

Input to QT3 crate (north-top)
Entries 1.69943e+07
ADC
channel

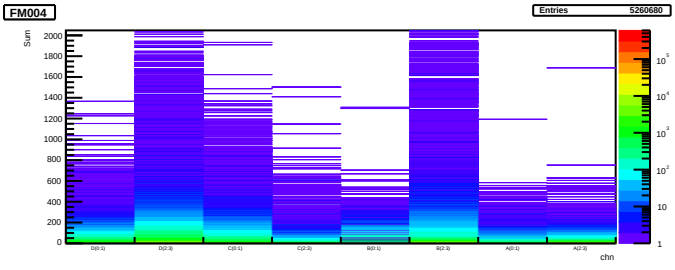

Input to QT2 crate (south-bottom)
Entries 1.76952e+07
ADC
channel

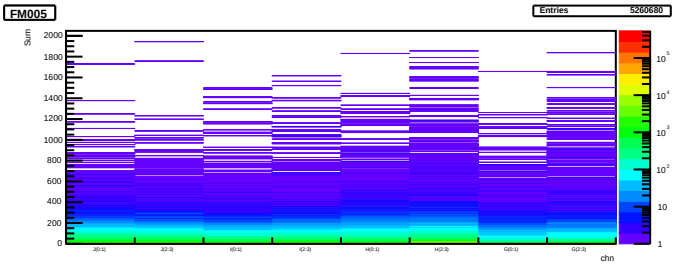

Input to QT4 crate (north-bottom)
Entries 1.489825e+07
ADC
channel

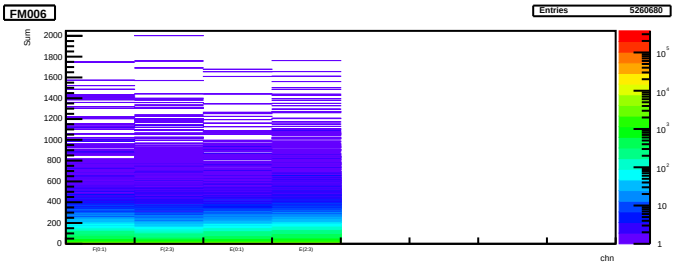

FM001
Entries 5260680
Sum
chn

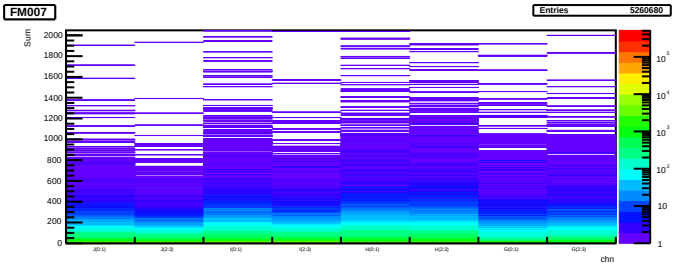

FM002
Entries 5260680
Sum
chn

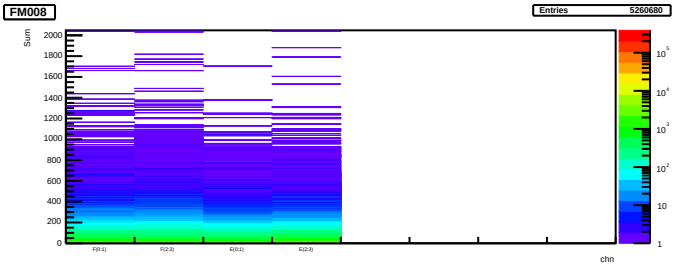

FM003
Entries 5260680
Sum
chn

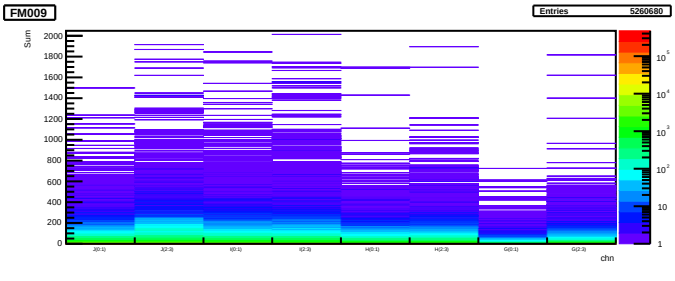

FM004
Entries 5260680
Sum
chn

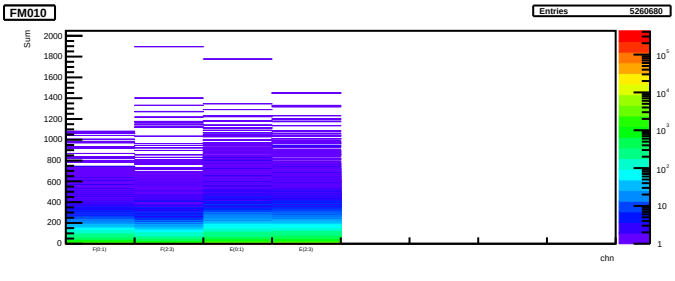

FM005
Entries 5260680
Sum
chn

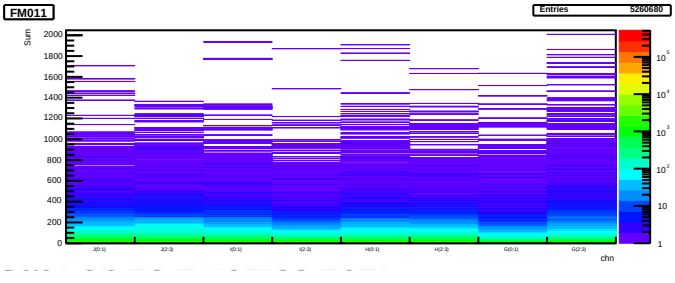

FM006
Entries 5260680
Sum
chn

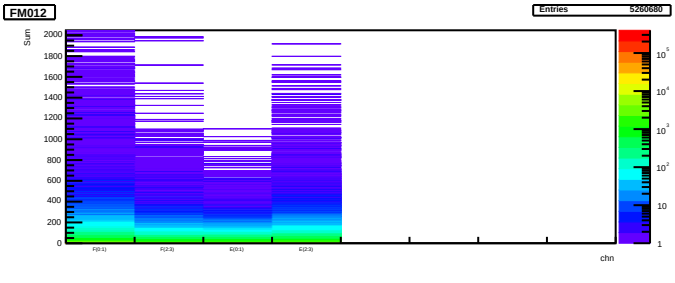

FM007
Entries 5260680
Sum
chn


FM008
Entries 5260680
Sum
chn


FM009
Entries 5260680
Sum
chn


FM010
Entries 5260680
Sum
chn


FM011
Entries 5260680
Sum
chn


FM012
Entries 5260680
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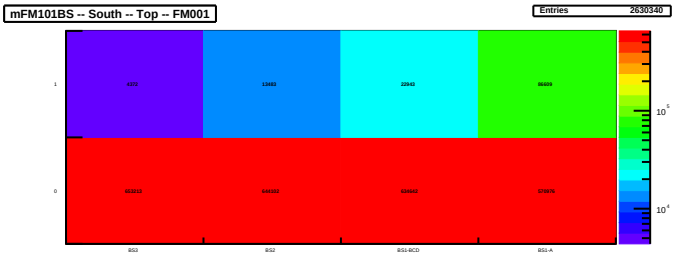
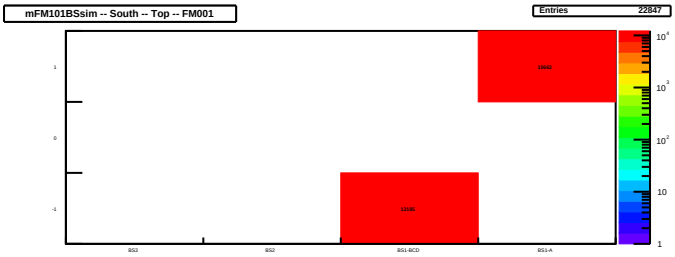

mFM101BS -- South -- Top -- FM001
Entries 2630340
BS3
BS2
BS1-BCD
BS1-A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Entries 22847
BS3
BS2
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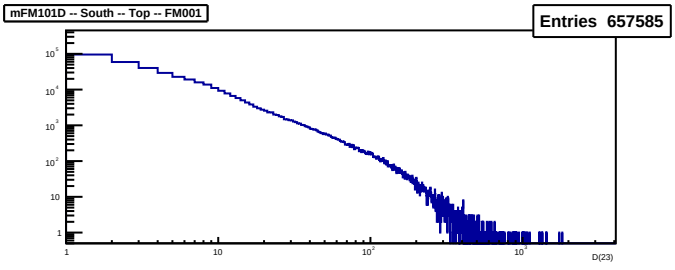
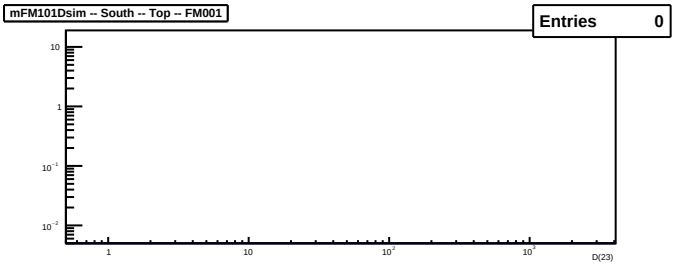
BS1-A


mFM101D -- South -- Top -- FM001
Entries 657585
D(23)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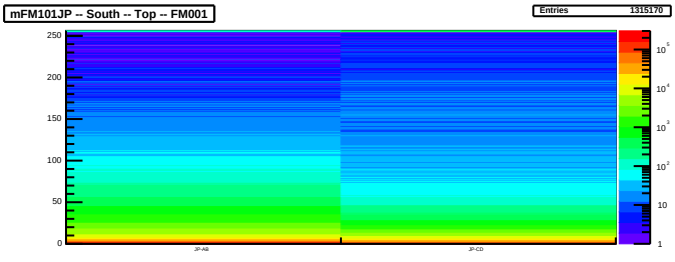
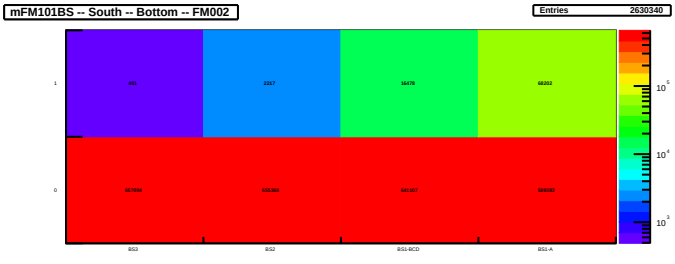
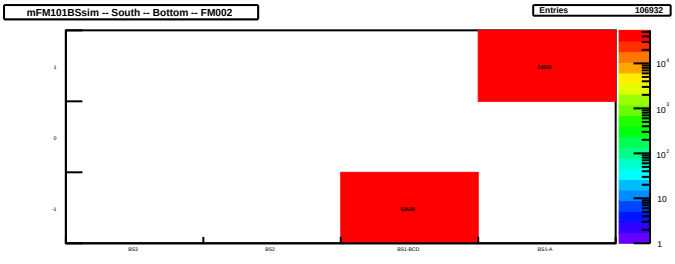
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 1315170
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 2630340
BS3
BS2
BS1-BCD
BS1-A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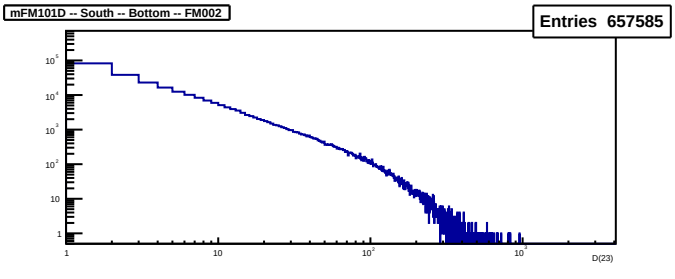
BS3
BS2
BS1-BCD
BS1-A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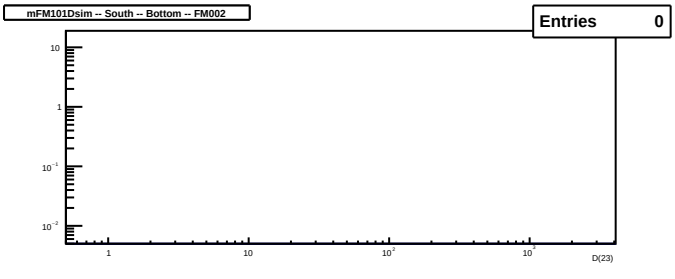
Entries 657585
D(23)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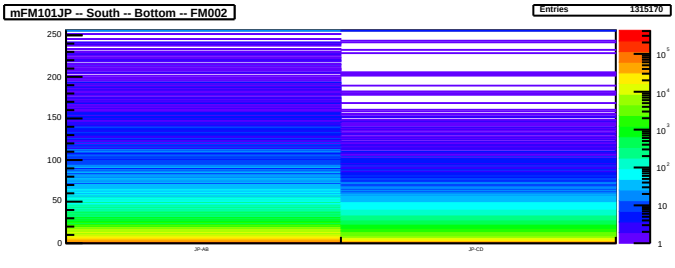
Entries 0
D(23)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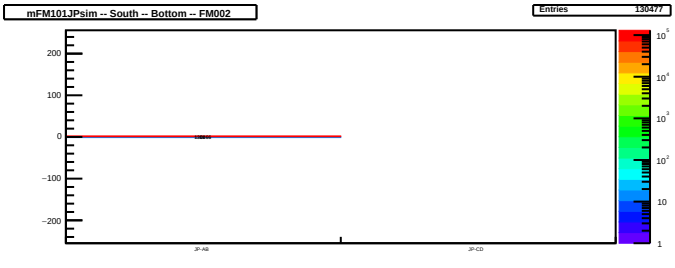
Entries 1315170
JP-AB
JP-CD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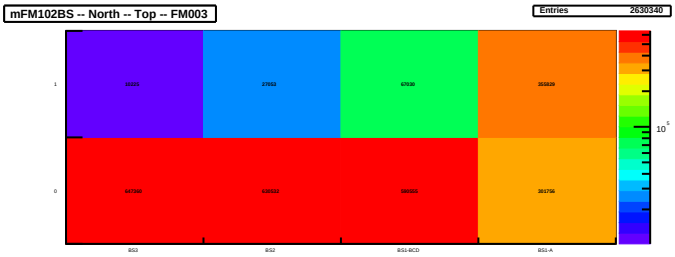
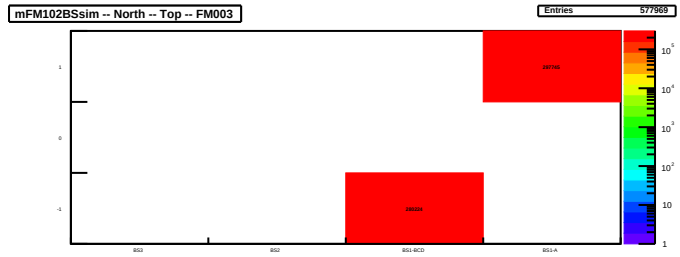
Entries 130477
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 2630340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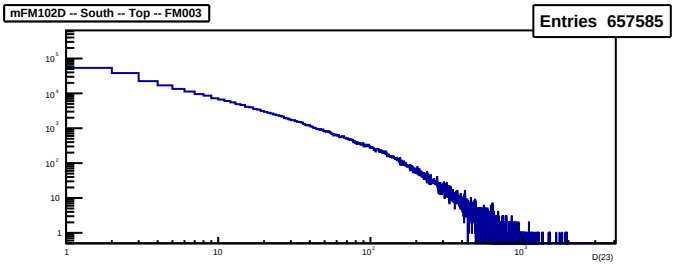
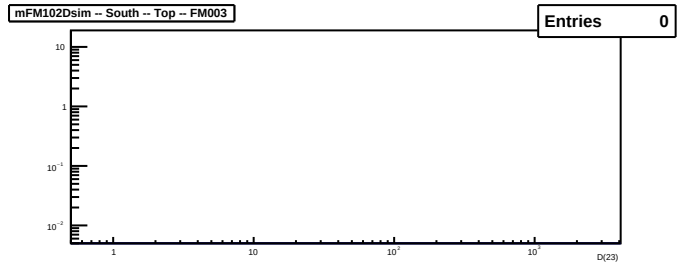

mFM102D -- South -- Top -- FM003
Entries 657585
D(23)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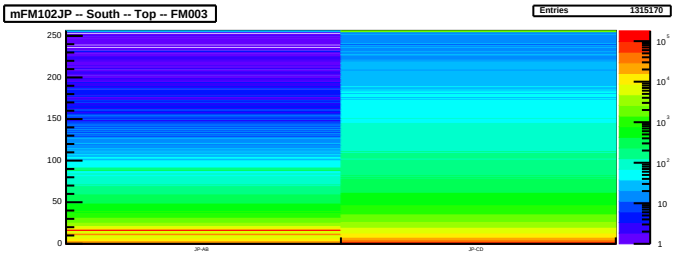
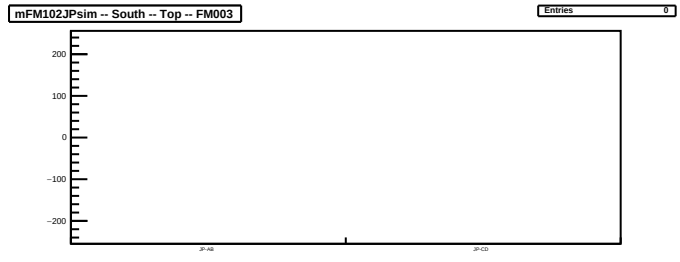
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 1315170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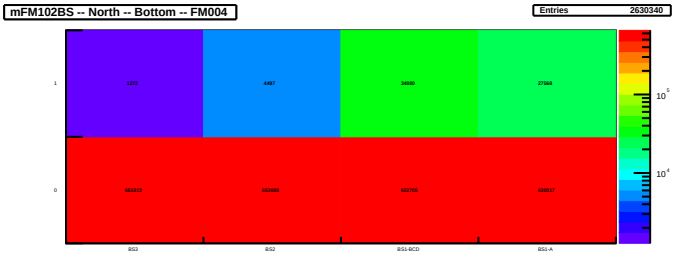
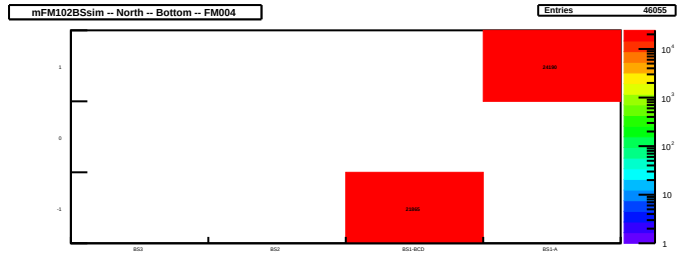
Entries 0


mFM102BS -- North -- Bottom -- FM004
Entries 2630340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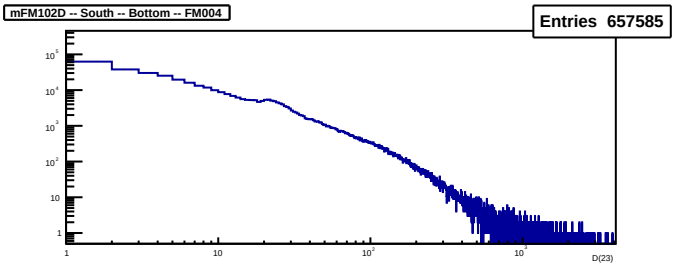
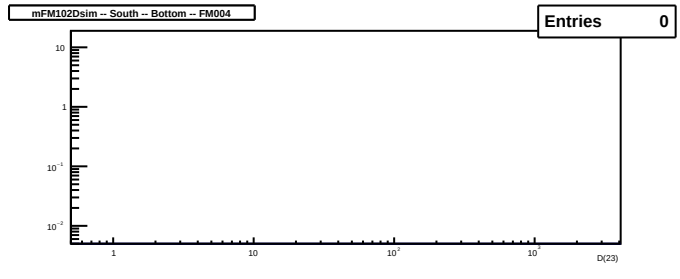
Entries 46055


mFM102D -- South -- Bottom -- FM004
Entries 657585
D(23)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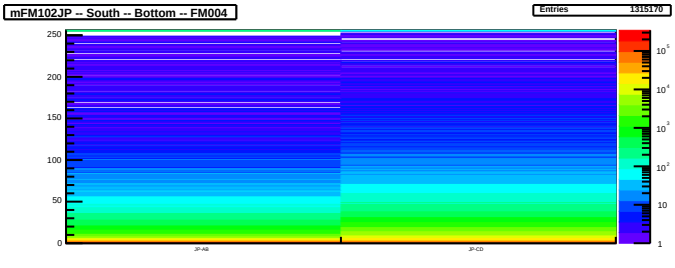
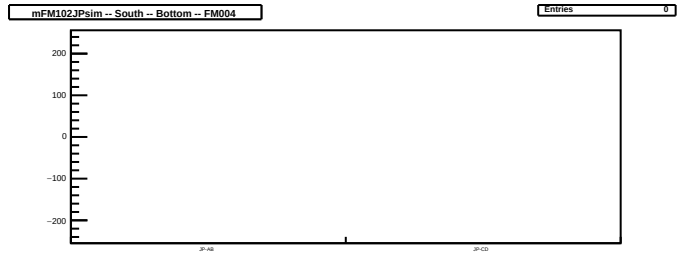
Entries 0
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 1315170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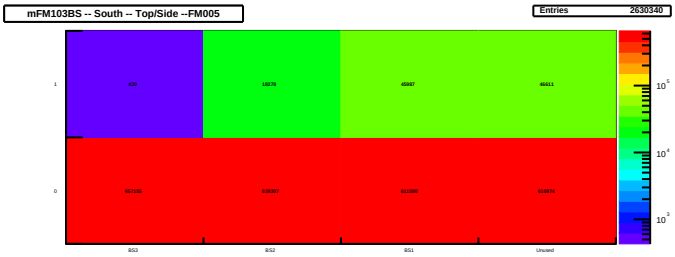
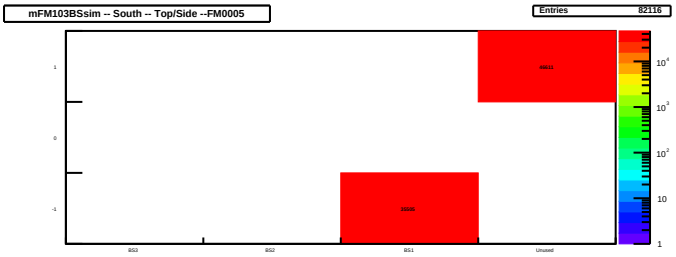
Entries 0


mFM103BS -- South -- Top/Side --FM005
Entries 2630340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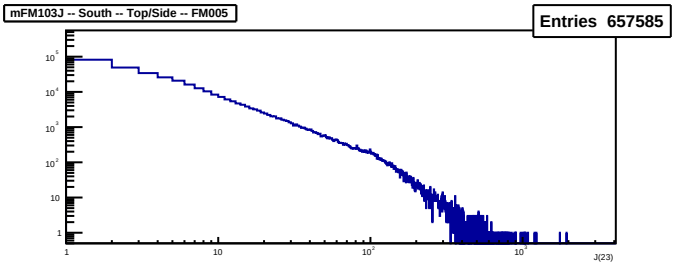
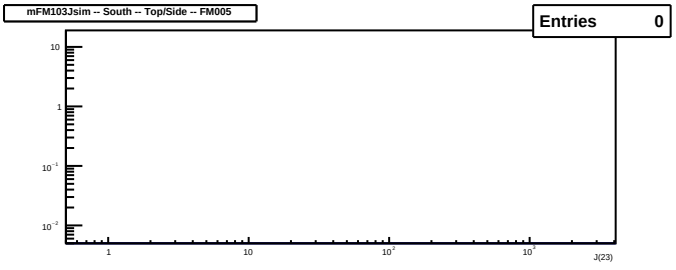
Entries 82116


mFM103J -- South -- Top/Side -- FM005
Entries 657585
J(23)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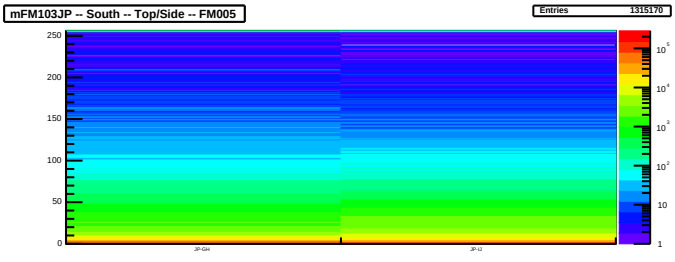
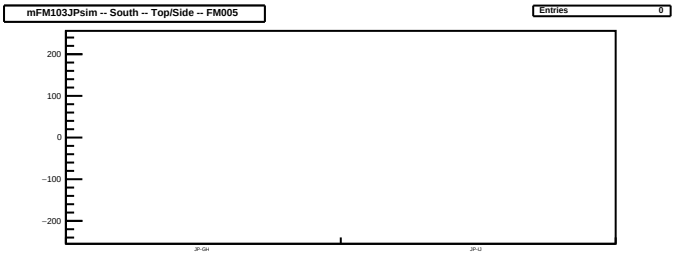
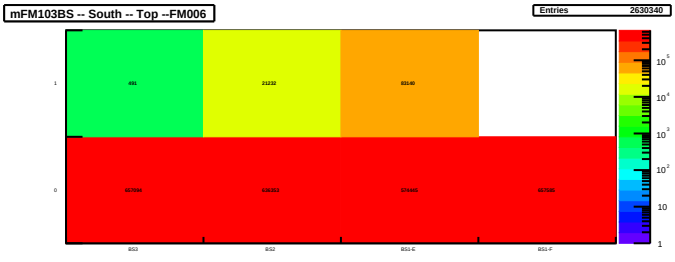
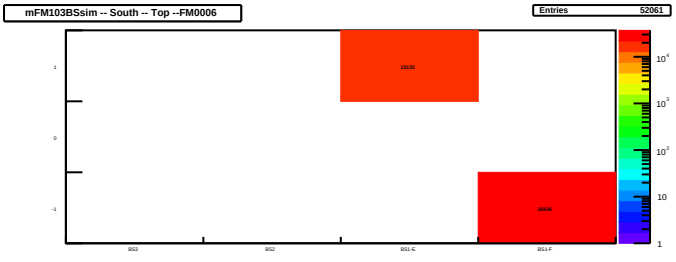
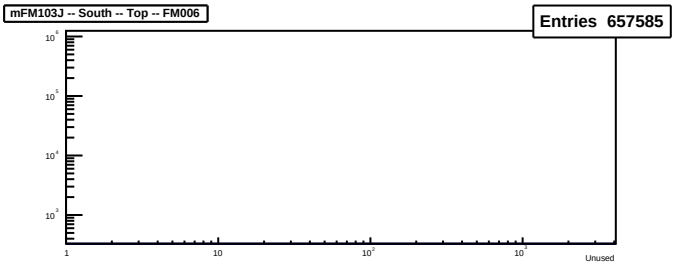
Entries 0
J(23)

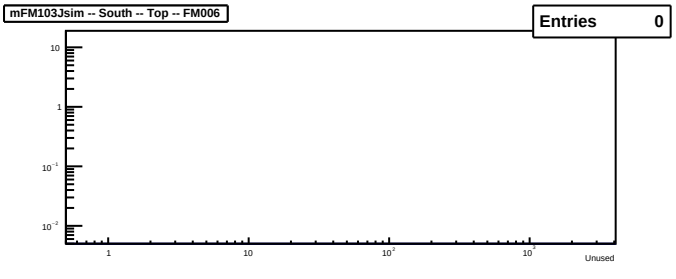

mFM103JP -- South -- Top/Side -- FM005
Entries 1315170


mFM103JPsim -- South -- Top/Side -- FM005
Entries 0


mFM103BS -- South -- Top --FM006
Entries 2630340


mFM103BSsim -- South -- Top --FM0006
Entries 52061


mFM103J -- South -- Top -- FM006
Entries 657585
Unused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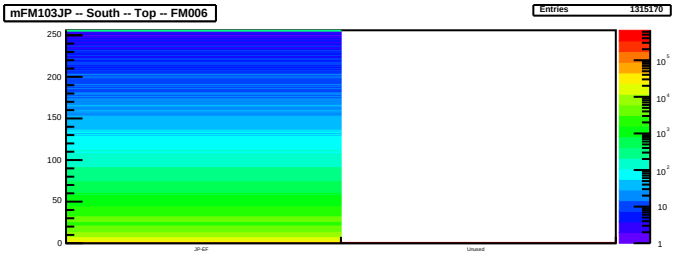
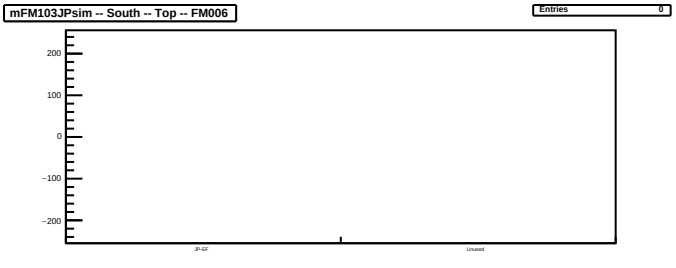
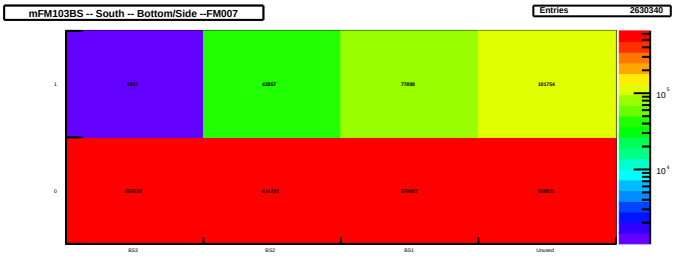
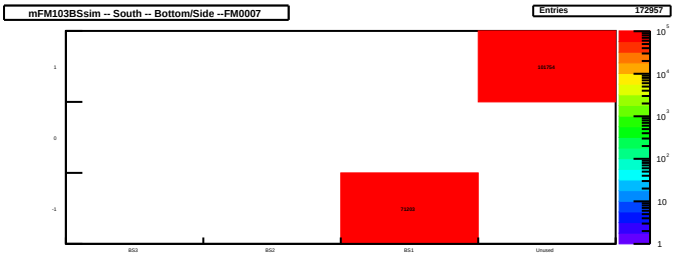
Entries 0
Unused


mFM103JP -- South -- Top -- FM006
Entries 1315170


mFM103JPsim -- South -- Top -- FM006
Entries 0


mFM103BS -- South -- Bottom/Side --FM007
Entries 2630340
1157
62857
77898
161754
656528
614728
579687
550231
BS3
BS2
BS1
Unused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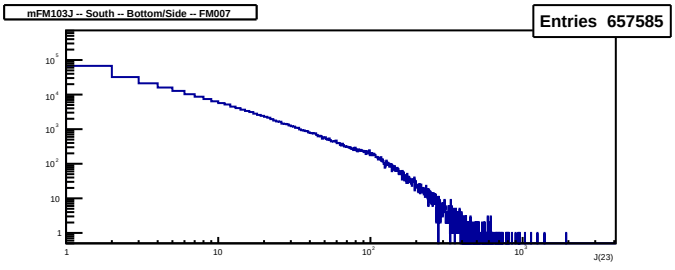
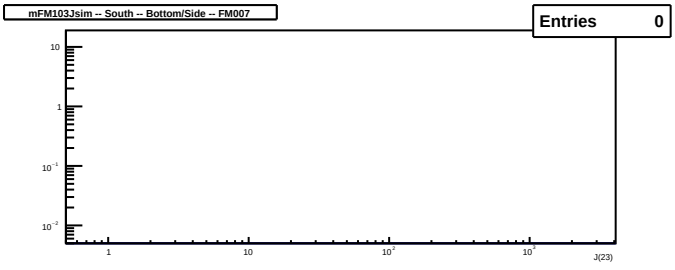
Entries 172957
161754
71203
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 657585
J(23)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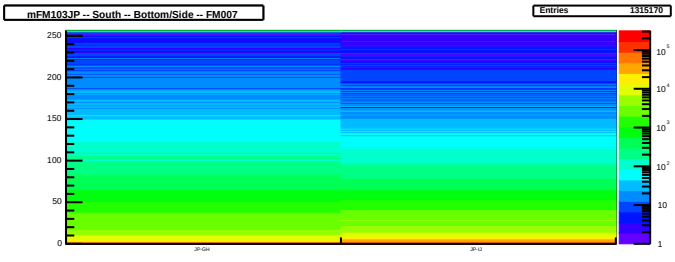
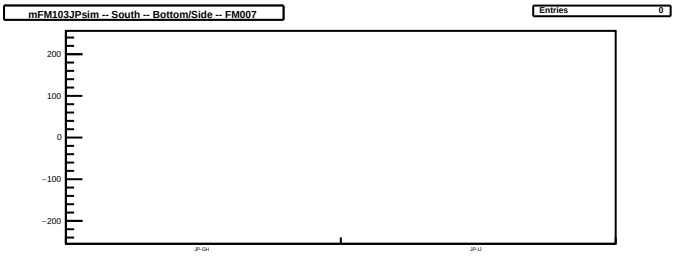
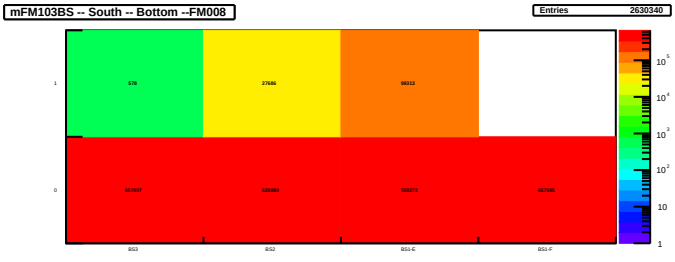
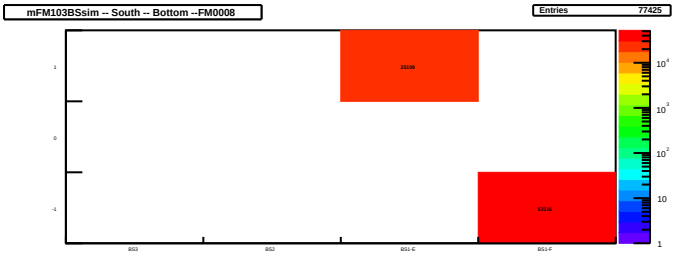
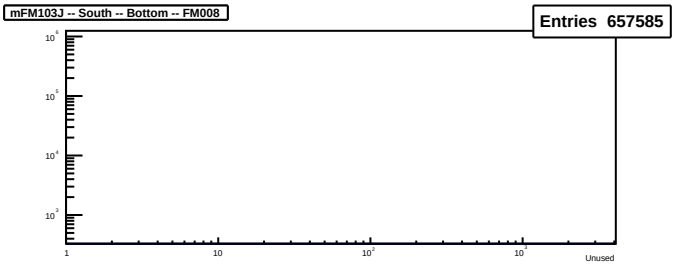
Entries 0
J(23)

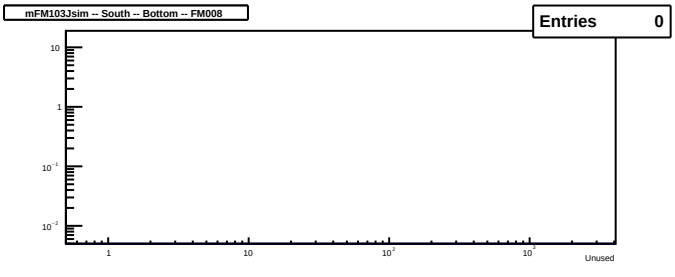

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1315170
JP-GH
JP-IJ


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


mFM103BS -- South -- Bottom --FM008
Entries 2630340
576
27646
98312
657007
629899
558272
657585
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 77425
25109
52316
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 657585
Unused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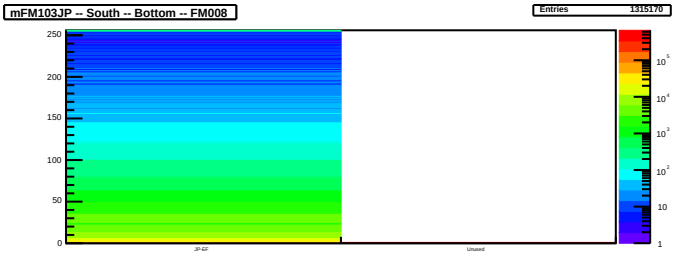
Entries 0
Unused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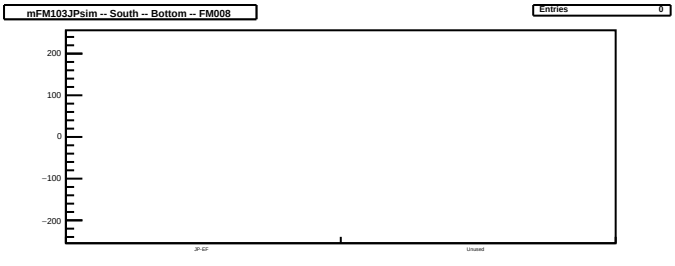
Entries 1315170
JP-EF
Unused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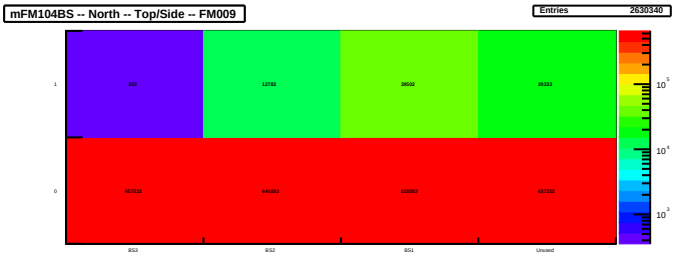
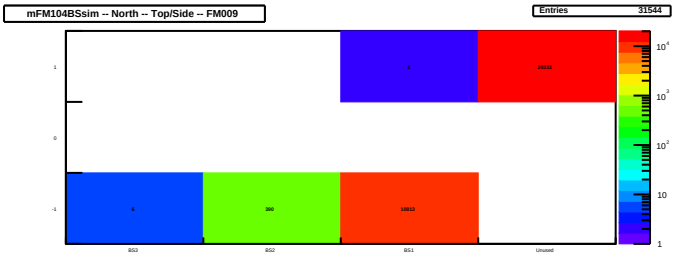
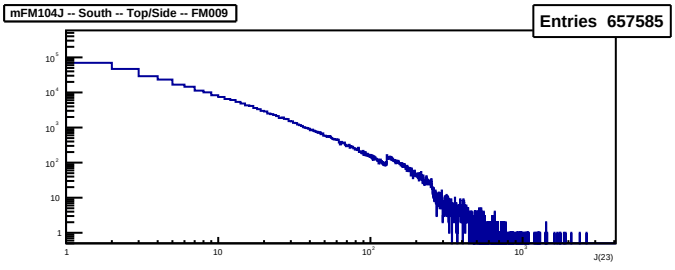
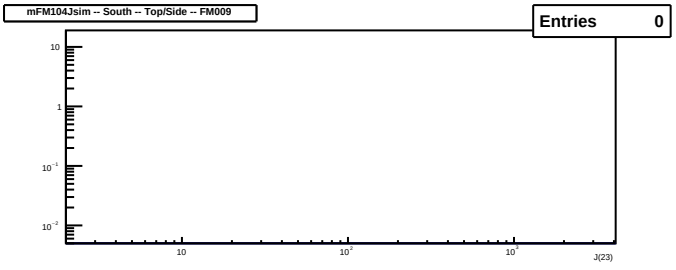
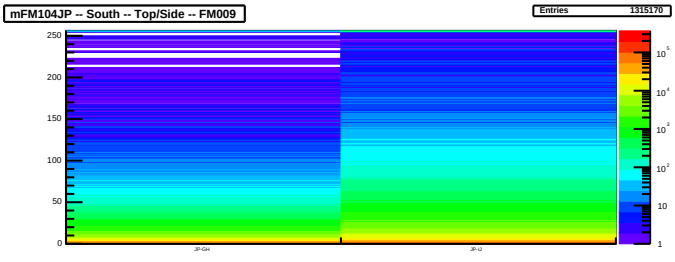
Entries 0
JP-EF
Unused

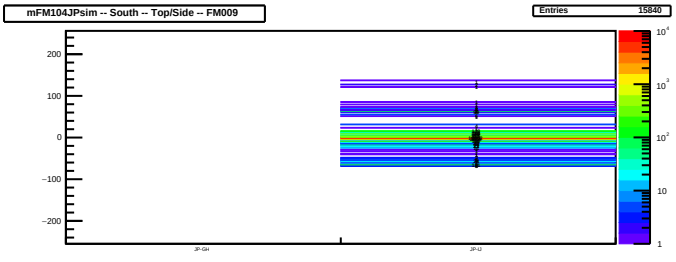

mFM104BS -- North -- Top/Side -- FM009
Entries 2630340
BS3
BS2
BS1
Unused

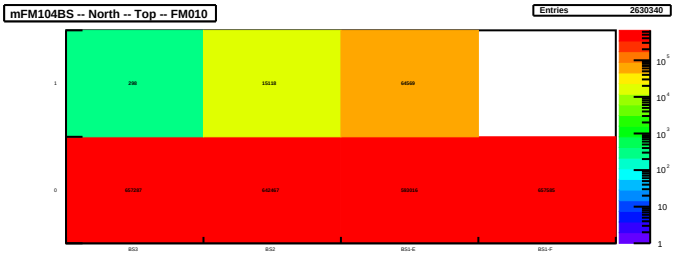

mFM104BSsim -- North -- Top/Side -- FM009
Entries 31544
BS3
BS2
BS1
Unused

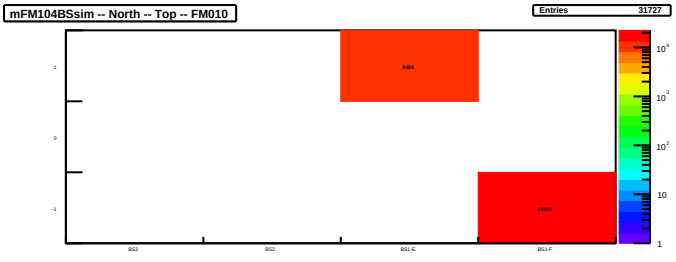

mFM104J -- South -- Top/Side -- FM009
Entries 657585
J(23)

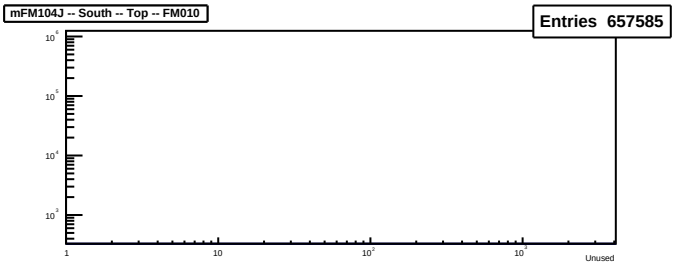

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

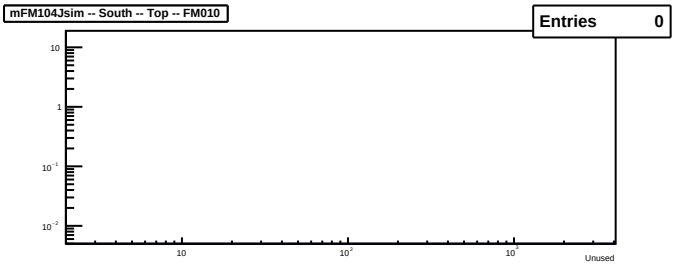

mFM104JP -- South -- Top/Side -- FM009
Entries 1315170
JP-GH
JP-IJ

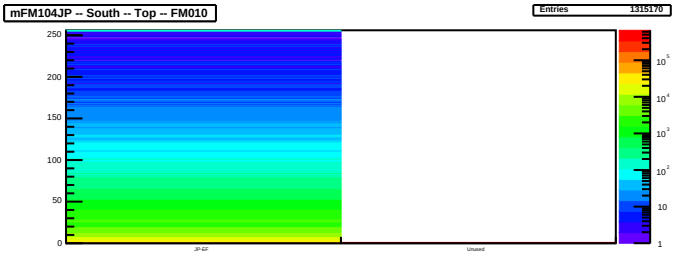

mFM104JPsim -- South -- Top/Side -- FM009
Entries 15840
JP-GH
JP-IJ

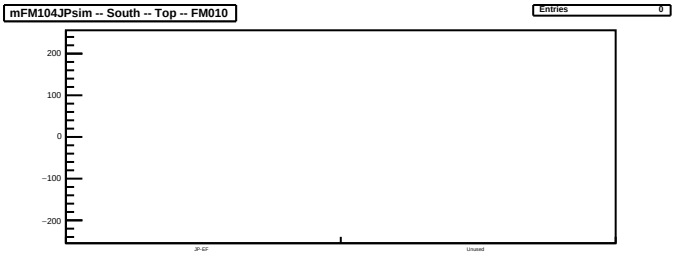

mFM104BS -- North -- Top -- FM010
Entries 2630340
BS3
BS2
BS1-E
BS1-F

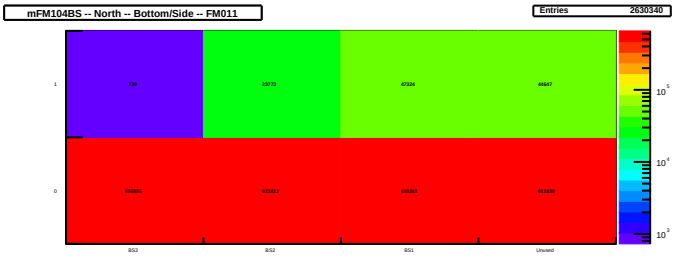

mFM104BSsim -- North -- Top -- FM010
Entries 31727
BS3
BS2
BS1-E
BS1-F

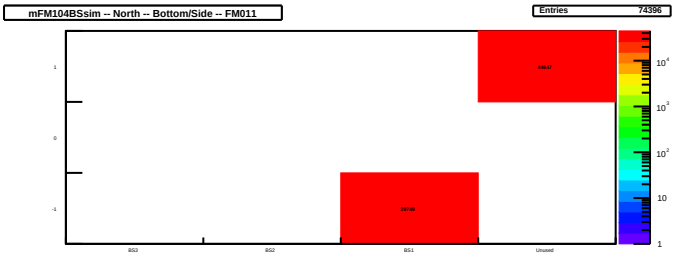

mFM104J -- South -- Top -- FM010
Entries 657585
Unused

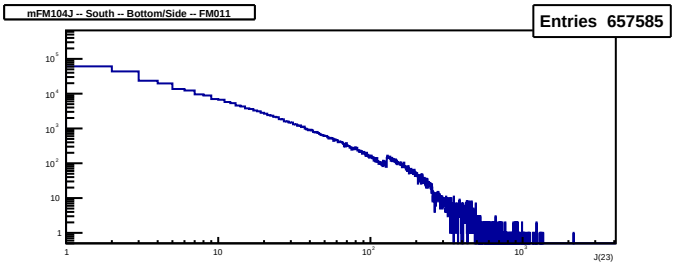

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

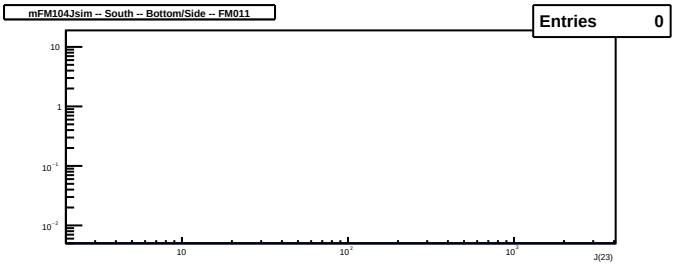

mFM104JP -- South -- Top -- FM010
Entries 1315170
JP-EF
Unused

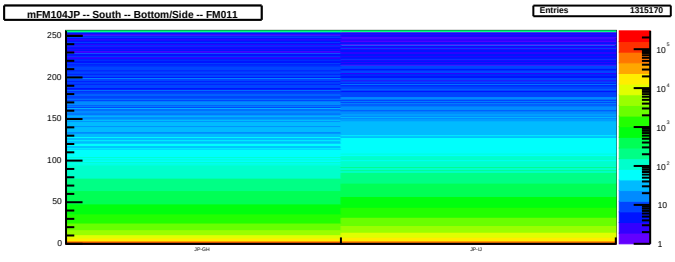

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

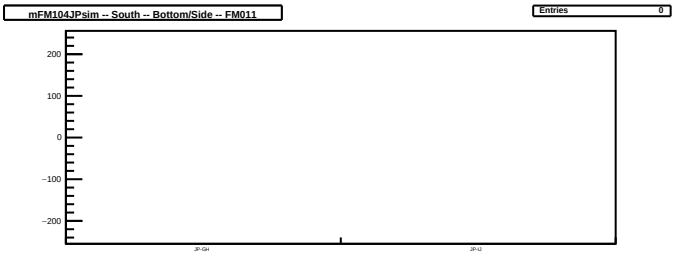

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2630340
730
22773
47324
44647
656955
633612
610261
612939
BS3
BS2
BS1
Unused

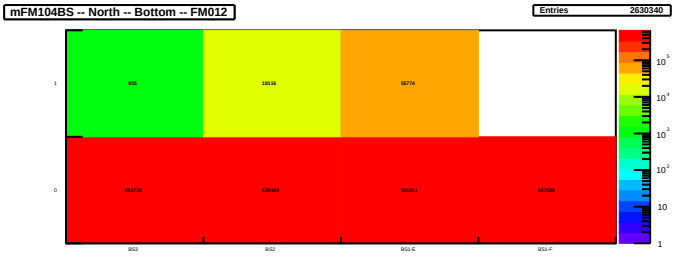

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 74396
44647
29749
BS3
BS2
BS1
Unused

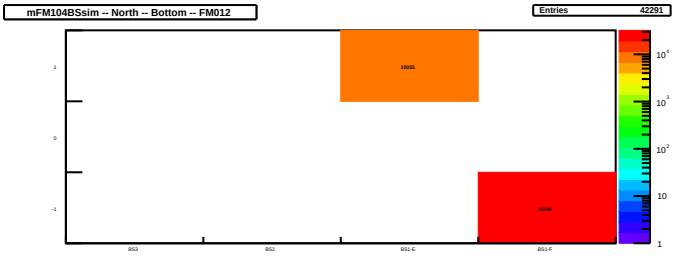

mFM104J -- South -- Bottom/Side -- FM011
Entries 657585
J(23)

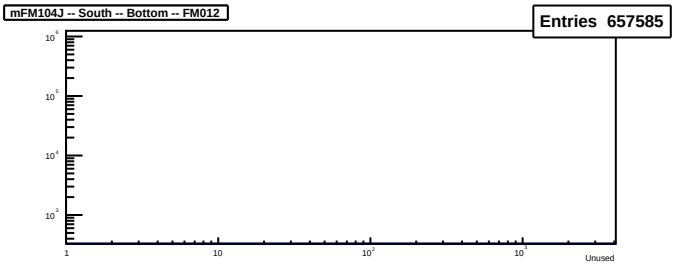

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

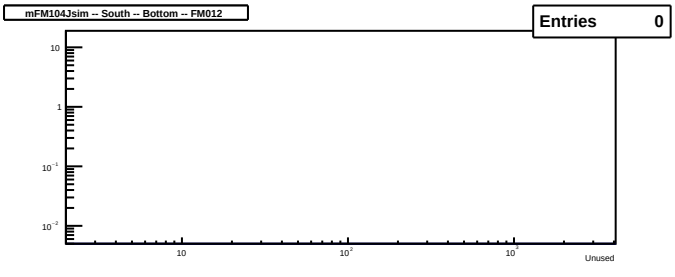

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1315170
JP-GH
JP-IJ

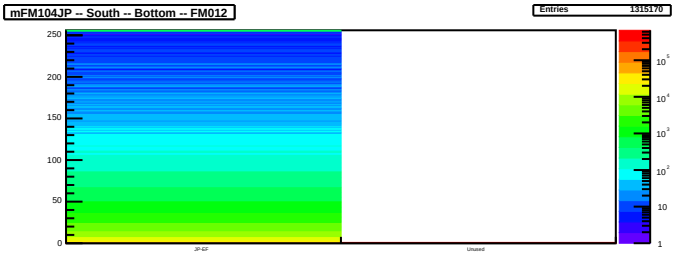

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ


mFM104BS -- North -- Bottom -- FM012
Entries 2630340
BS3
BS2
BS1-E
BS1-F

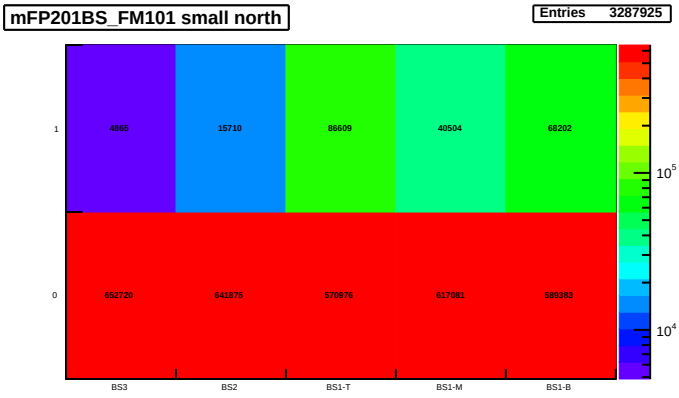

mFM104BSsim -- North -- Bottom -- FM012
Entries 42291
BS3
BS2
BS1-E
BS1-F

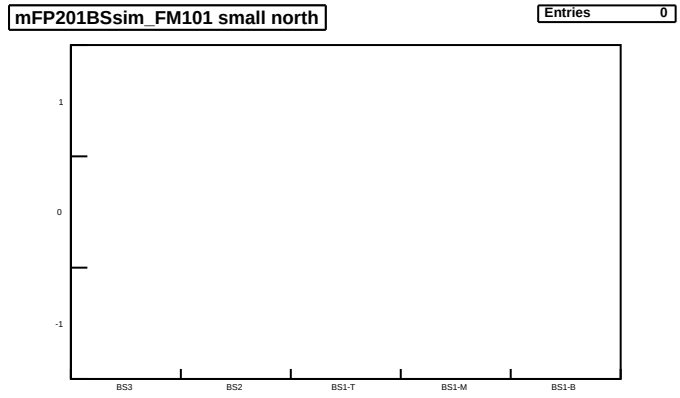

mFM104J -- South -- Bottom -- FM012
Entries 657585
Unused

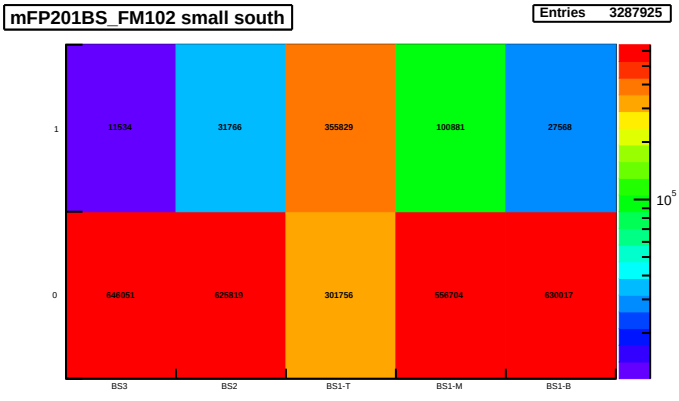

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

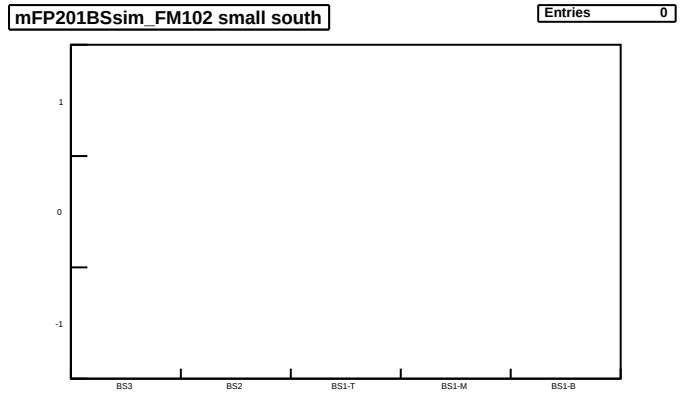

mFM104JP -- South -- Bottom -- FM012
Entries 1315170
JP-EF
Unused

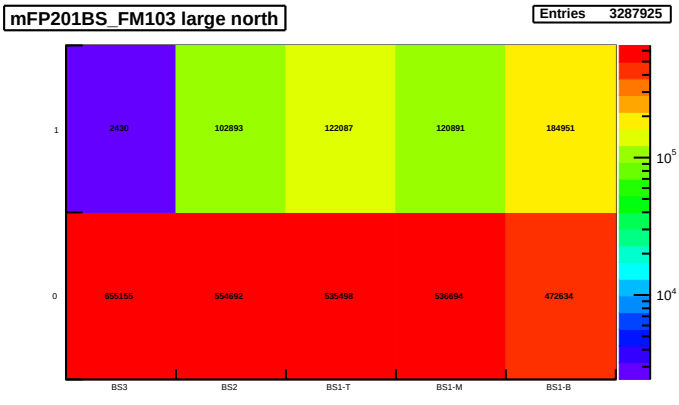
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

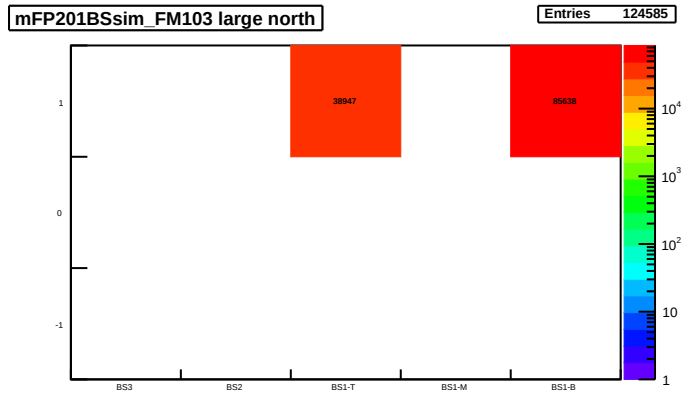

mFP201BS_FM101 small north
Entries 3287925
4865
15710
86609
40504
68202
652720
641875
570976
617081
589383
BS3
BS2
BS1-T
BS1-M
BS1-B

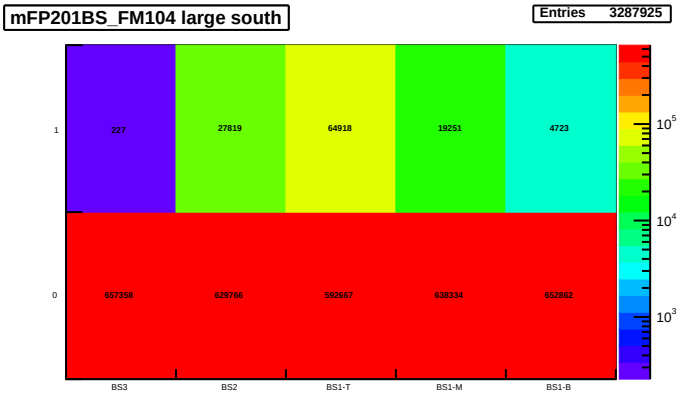

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

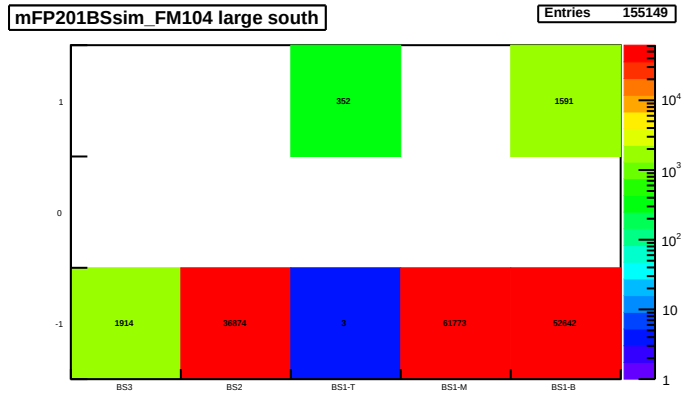

mFP201BS_FM102 small south
Entries 3287925
11534
31766
355829
100881
27568
646051
625819
301756
556704
630017
BS3
BS2
BS1-T
BS1-M
BS1-B

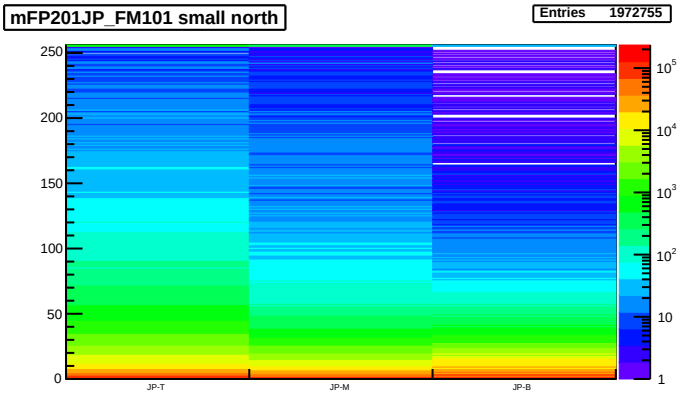

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

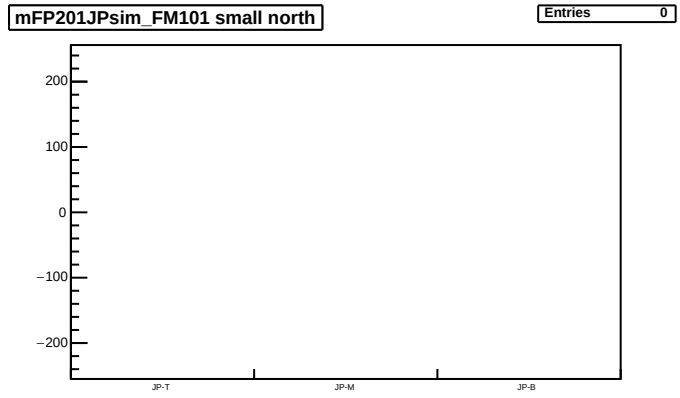

mFP201BS_FM103 large north
Entries 3287925
2430
102893
122087
120891
184951
655155
554692
535498
536694
472634
BS3
BS2
BS1-T
BS1-M
BS1-B

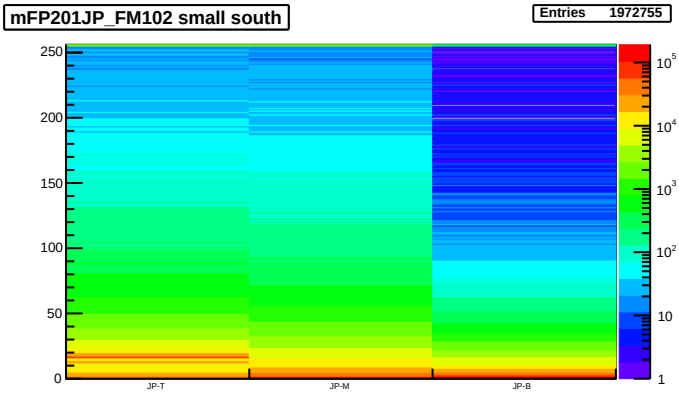

mFP201BSsim_FM103 large north
Entries 124585
38947
85638
BS3
BS2
BS1-T
BS1-M
BS1-B

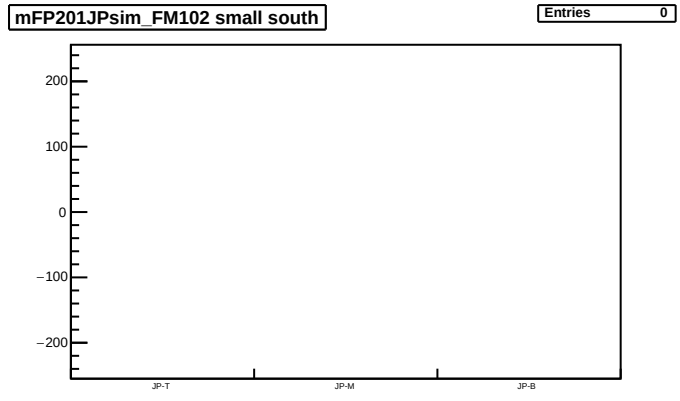

mFP201BS_FM104 large south
Entries 3287925
227
27819
64918
19251
4723
657358
629766
592667
638334
652862
BS3
BS2
BS1-T
BS1-M
BS1-B

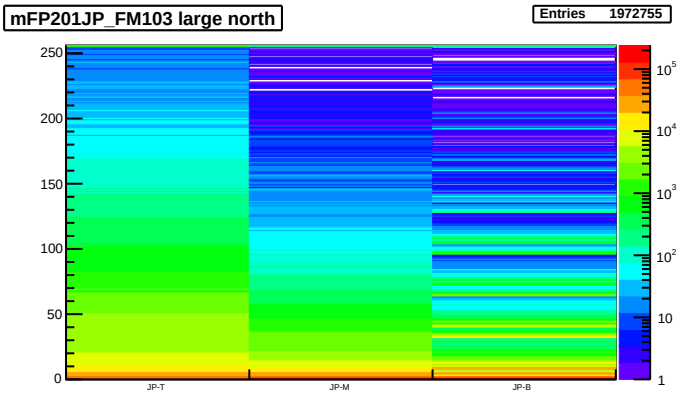

mFP201BSsim_FM104 large south
Entries 155149
352
1591
1914
36874
3
61773
52642
BS3
BS2
BS1-T
BS1-M
BS1-B

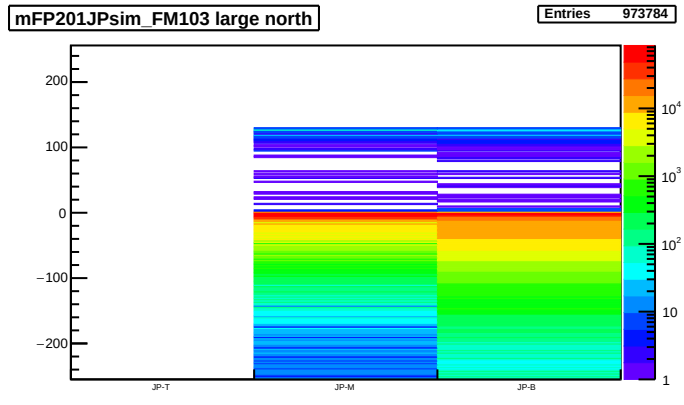

mFP201JP_FM101 small north
Entries 1972755
JP-T
JP-M
JP-B

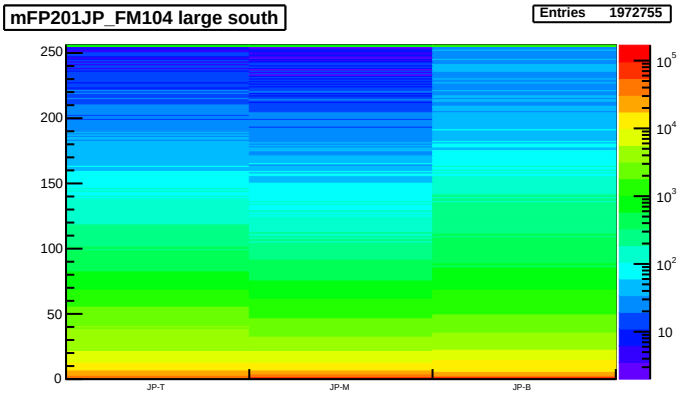

mFP201JPsim_FM101 small north
Entries 0
JP-T
JP-M
JP-B

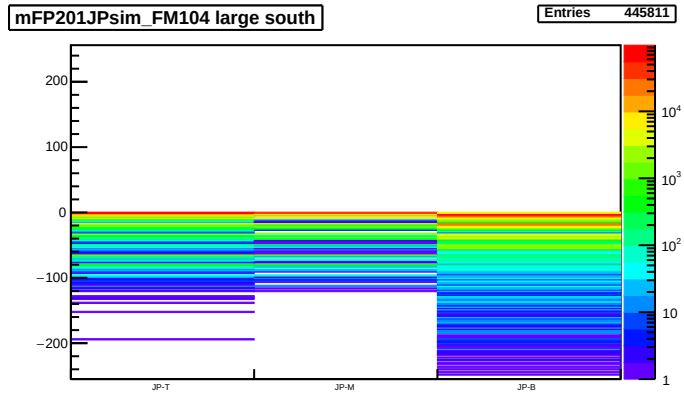

mFP201JP_FM102 small south
Entries 1972755
JP-T
JP-M
JP-B

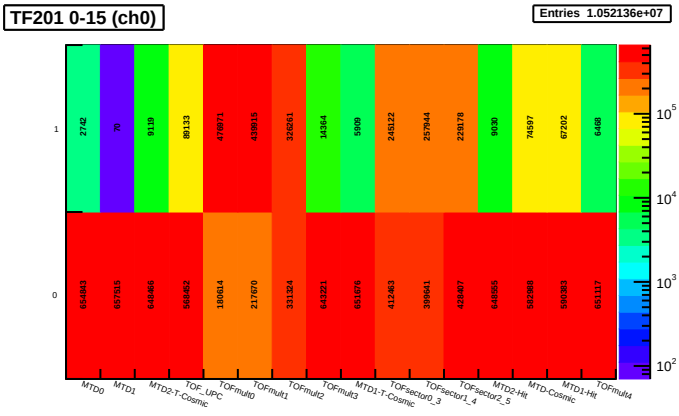

mFP201JPsim_FM102 small south
Entries 0
JP-T
JP-M
JP-B

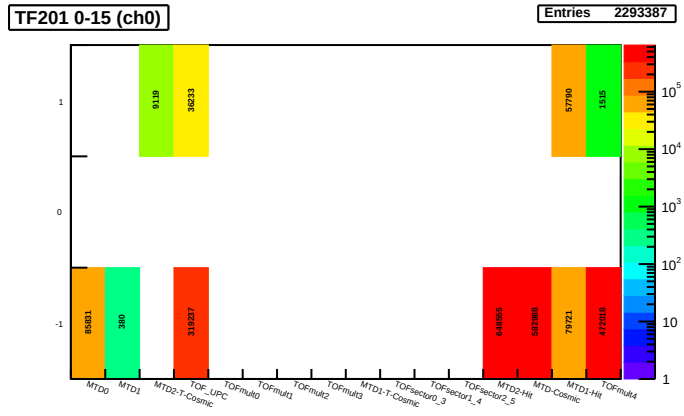

mFP201JP_FM103 large north
Entries 1972755
JP-T
JP-M
JP-B

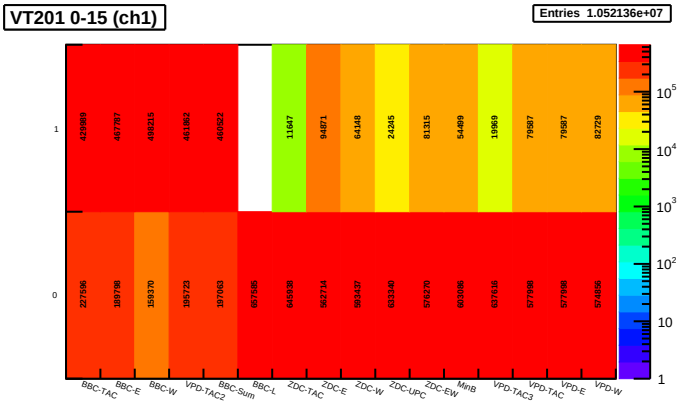

mFP201JPsim_FM103 large north
Entries 973784
JP-T
JP-M
JP-B

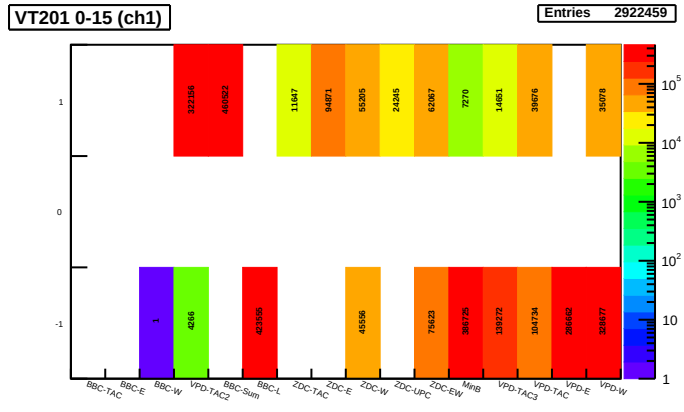

mFP201JP_FM104 large south
Entries 1972755
JP-T
JP-M
JP-B

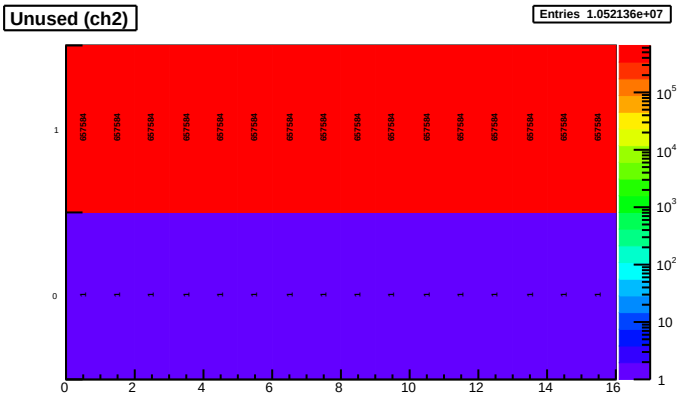

mFP201JPsim_FM104 large south
Entries 445811
JP-T
JP-M
JP-B

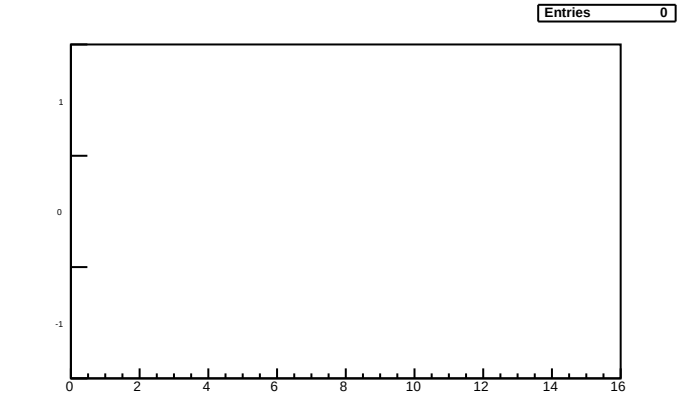

TF201 0-15 (ch0)
Entries 1.052136e+07
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

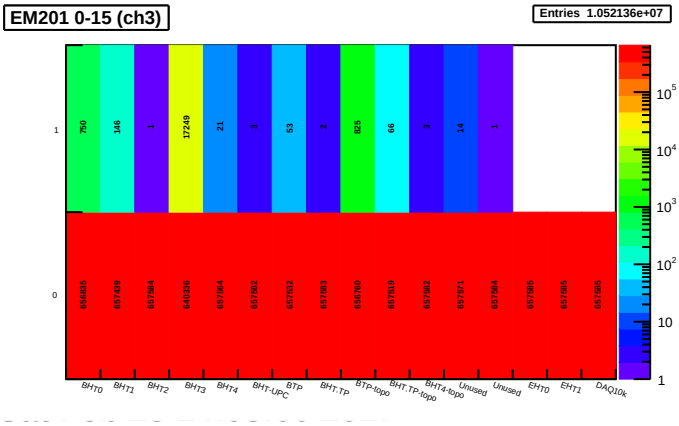

TF201 0-15 (ch0)
Entries 2293387
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

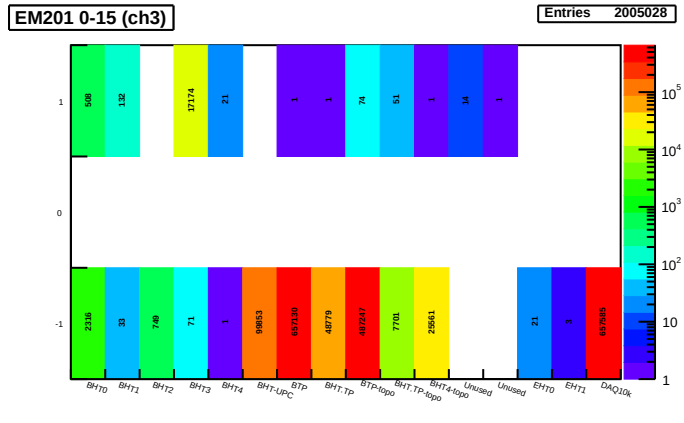

VT201 0-15 (ch1)
Entries 1.052136e+07
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

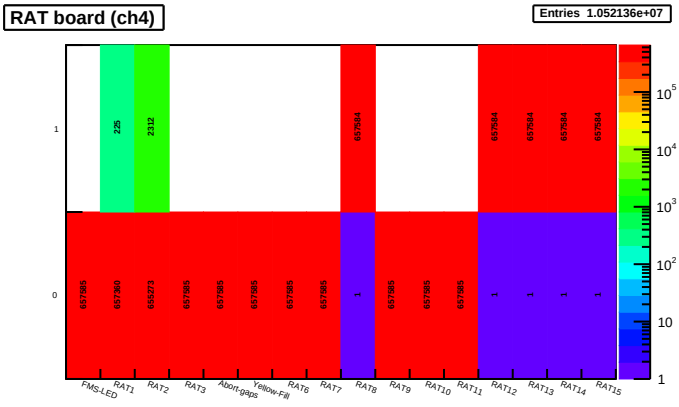

VT201 0-15 (ch1)
Entries 2922459
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

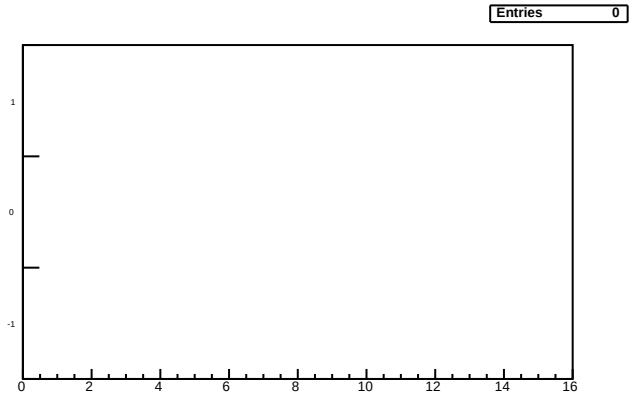

Unused (ch2)
Entries 1.052136e+07

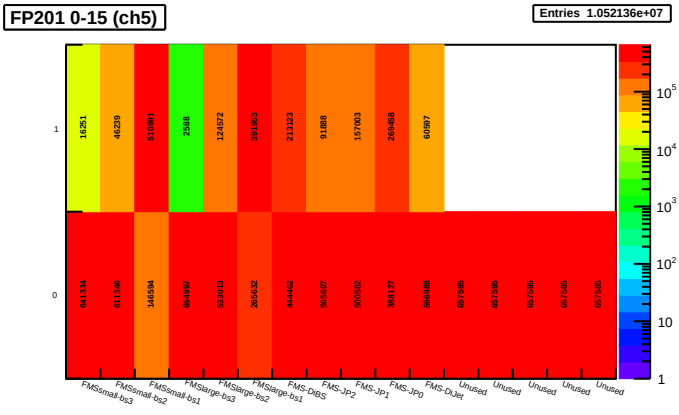

Entries 0

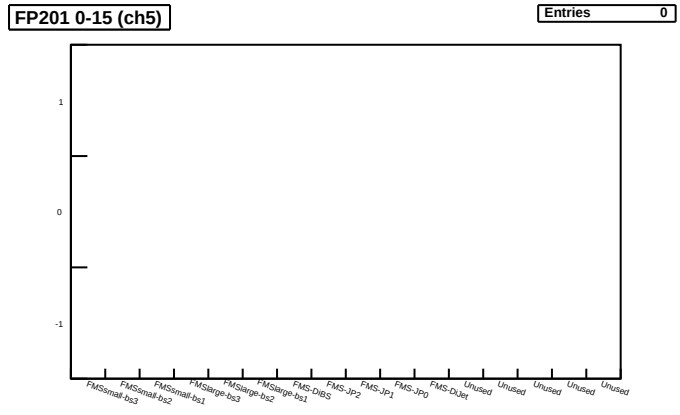

EM201 0-15 (ch3)
Entries 1.052136e+07
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k


EM201 0-15 (ch3)
Entries 2005028
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k


RAT board (ch4)
Entries 1.052136e+07
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15


Entries 0


FP201 0-15 (ch5)
Entries 1.052136e+07
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


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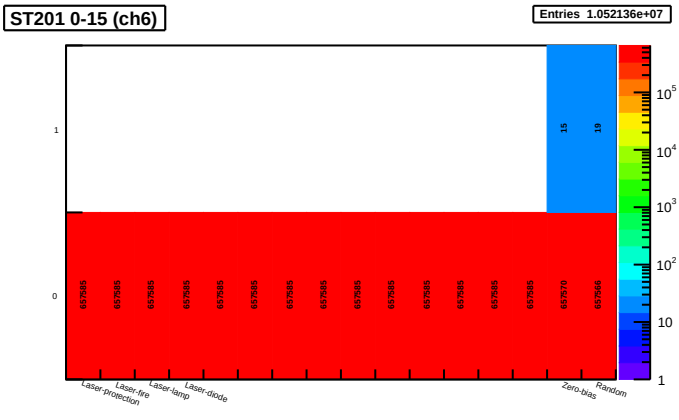
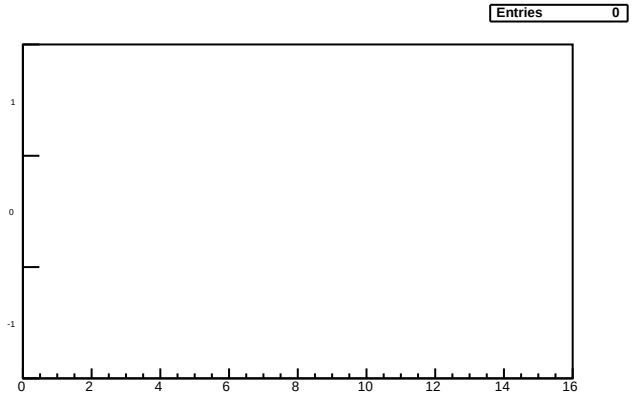
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


ST201 0-15 (ch6)
Entries 1.052136e+07
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bas
Random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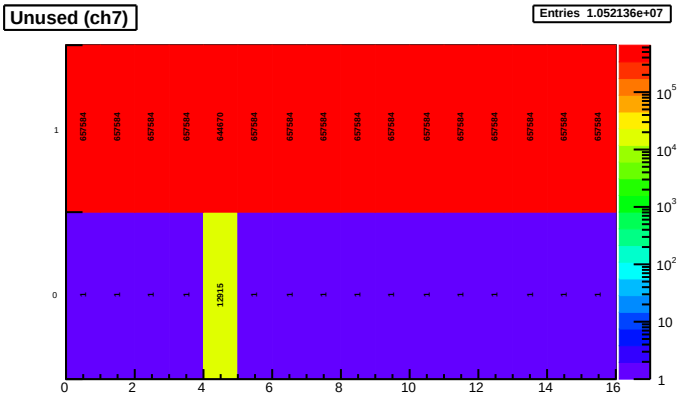
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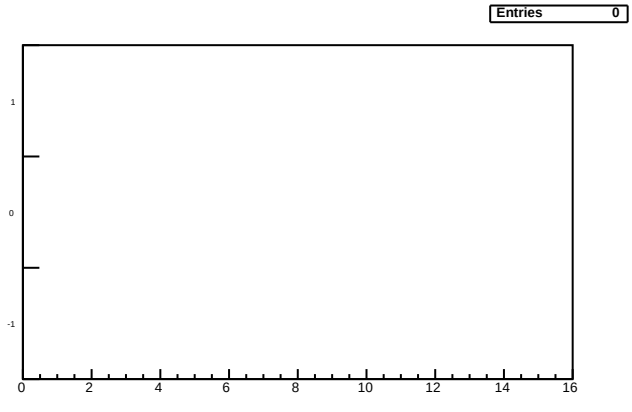
Entries 0