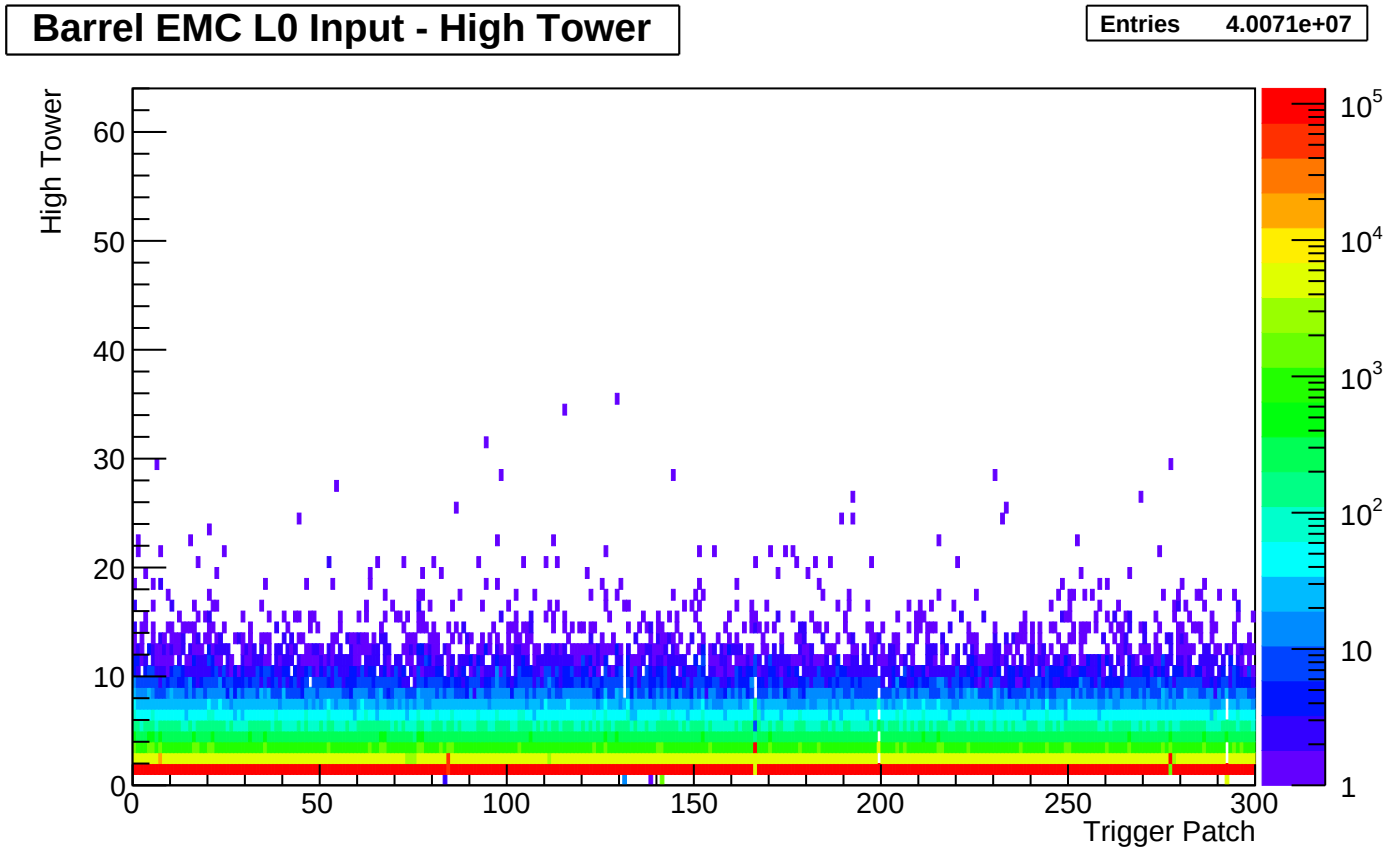
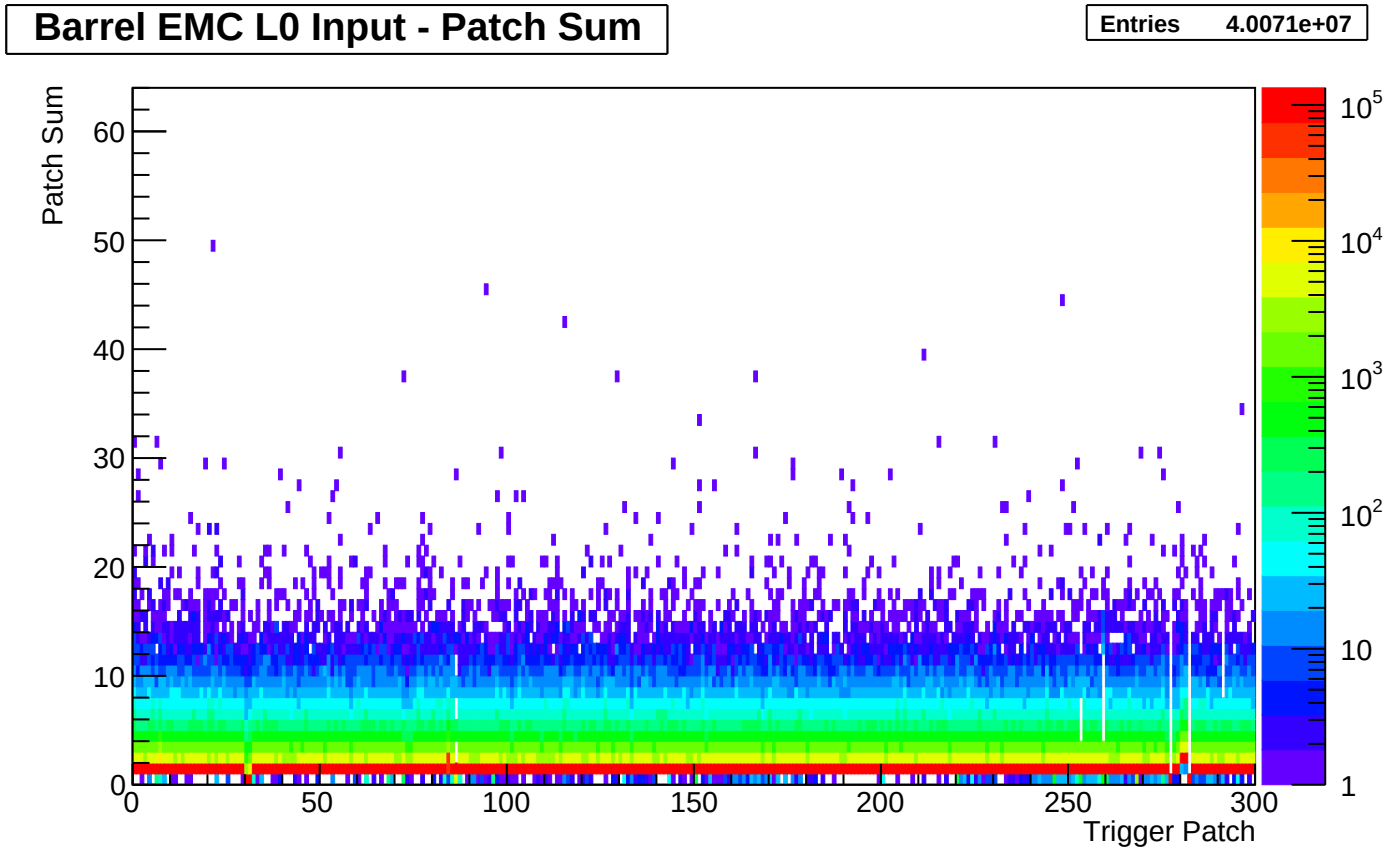
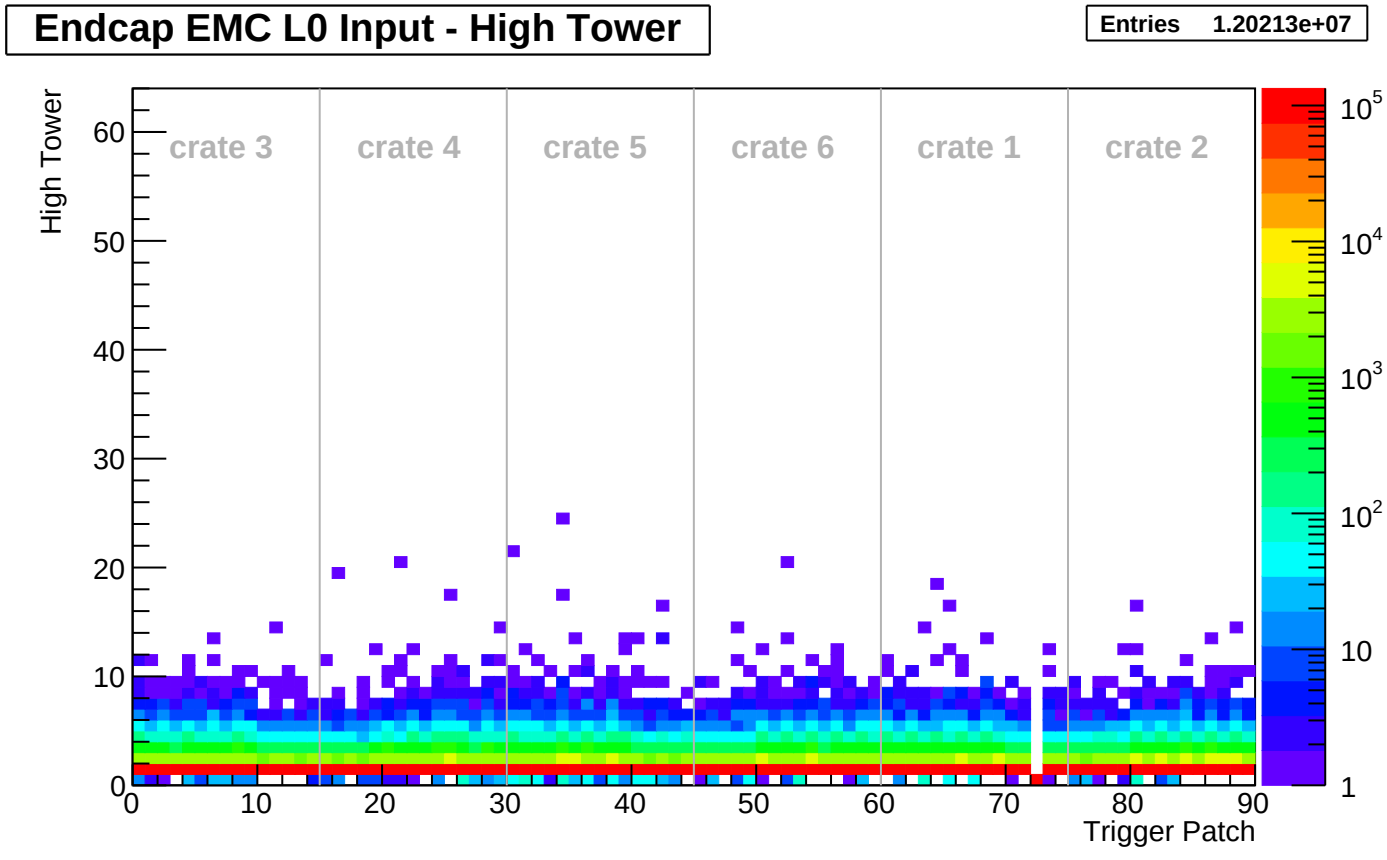
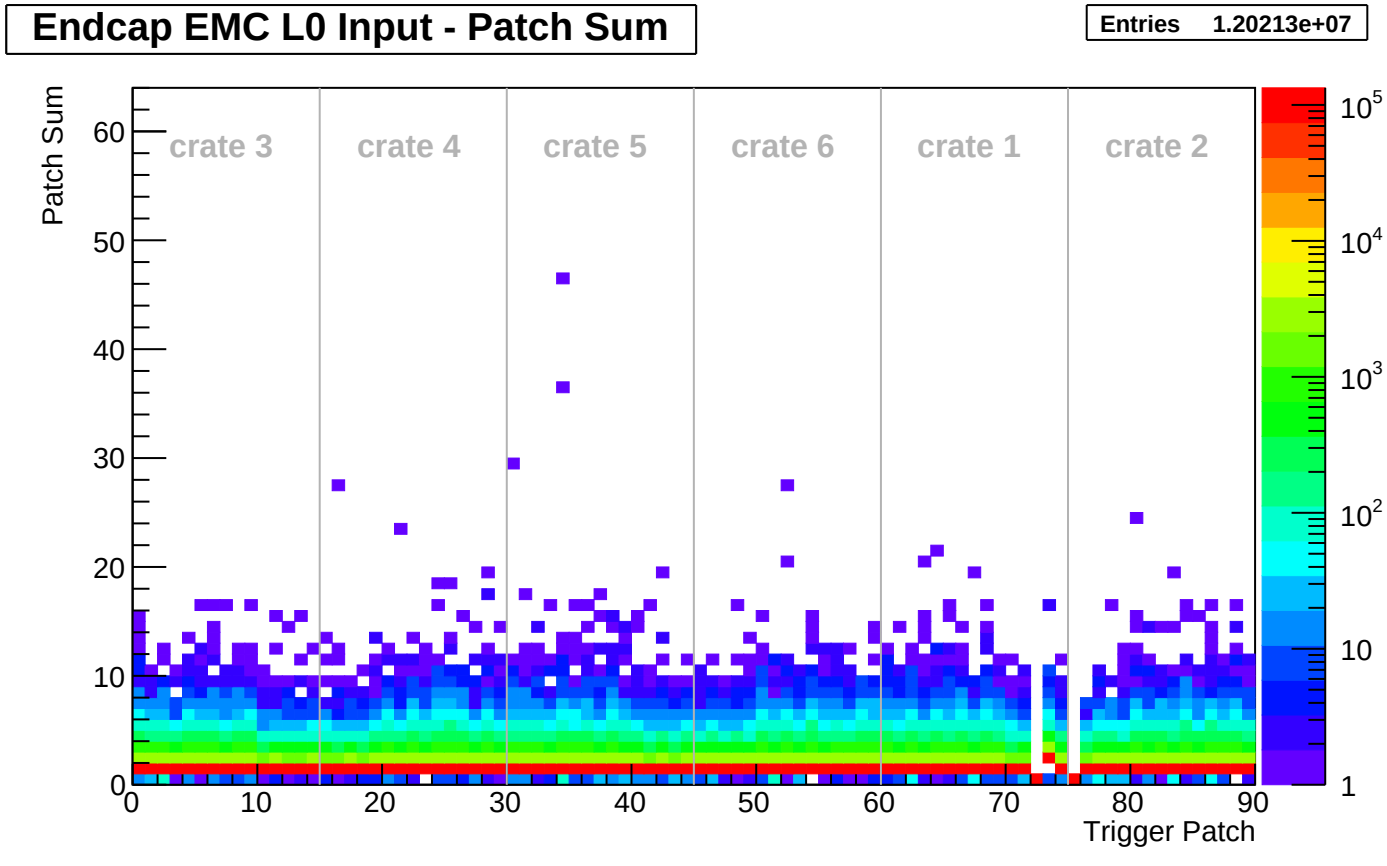
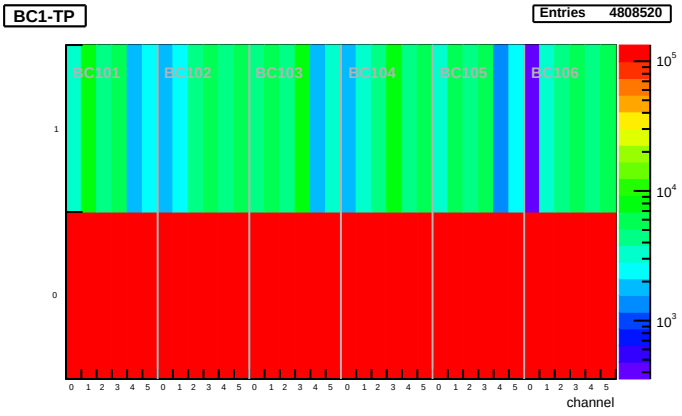
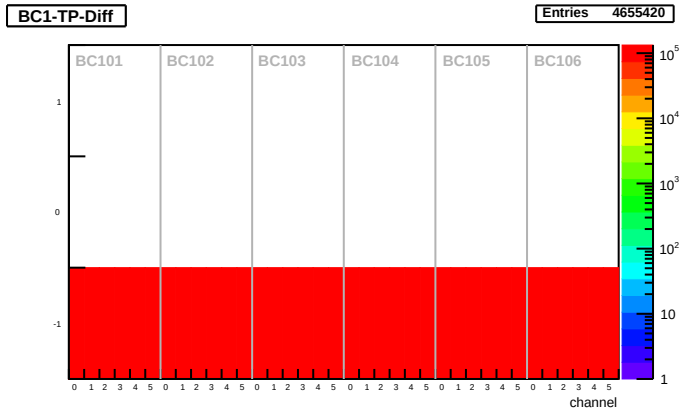

Barrel EMC L0 Input - High Tower
Entries 4.0071e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

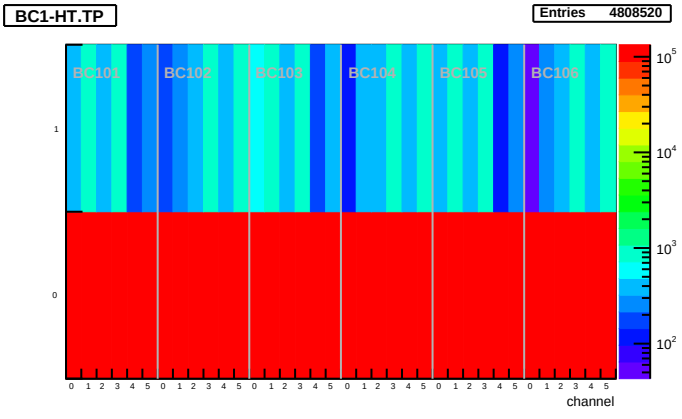

Barrel EMC L0 Input - Patch Sum
Entries 4.0071e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

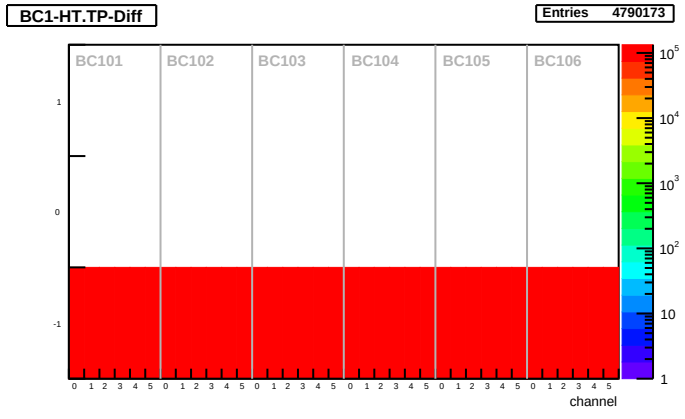

Endcap EMC L0 Input - High Tower
Entries 1.20213e+07
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

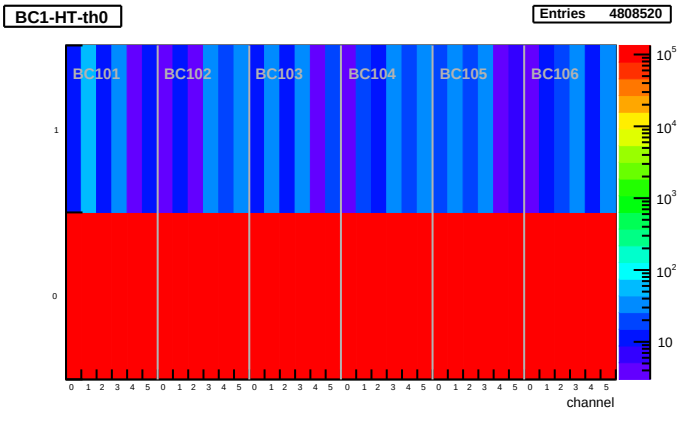

Endcap EMC L0 Input - Patch Sum
Entries 1.20213e+07
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

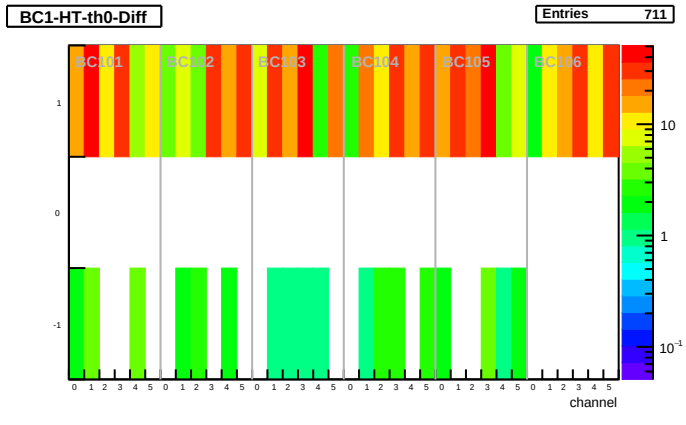

BC1-TP
Entries 4808520
BC101
BC102
BC103
BC104
BC105
BC106
channel

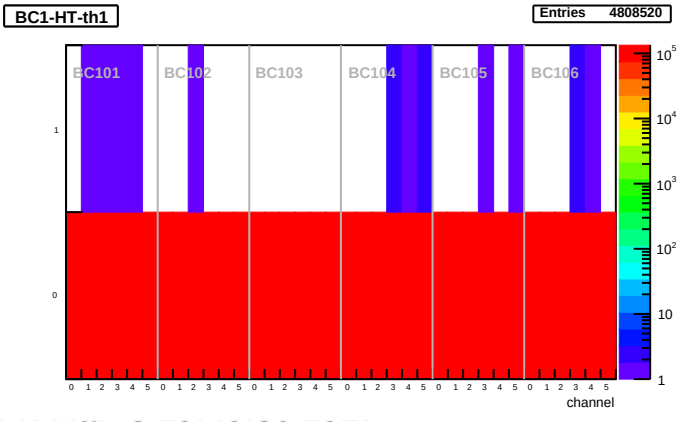

BC1-TP-Diff
Entries 4655420
BC101
BC102
BC103
BC104
BC105
BC106
channel

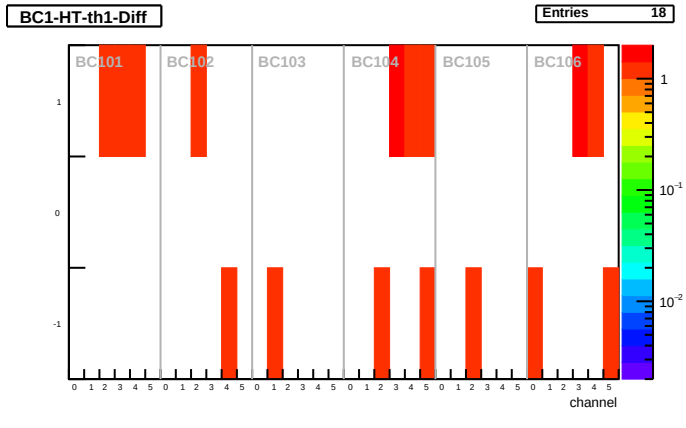

BC1-HT.TP
Entries 4808520
BC101
BC102
BC103
BC104
BC105
BC106
channel

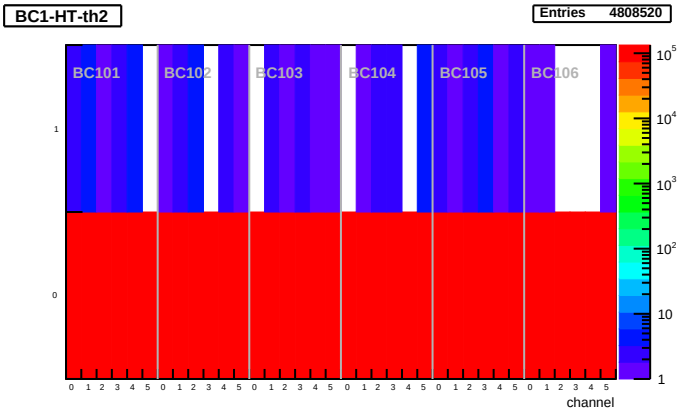

BC1-HT.TP-Diff
Entries 4790173
BC101
BC102
BC103
BC104
BC105
BC106
channel

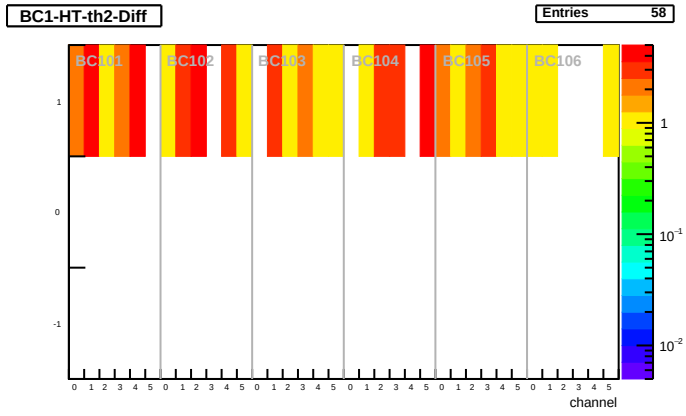

BC1-HT-th0
Entries 4808520
BC101
BC102
BC103
BC104
BC105
BC106
channel

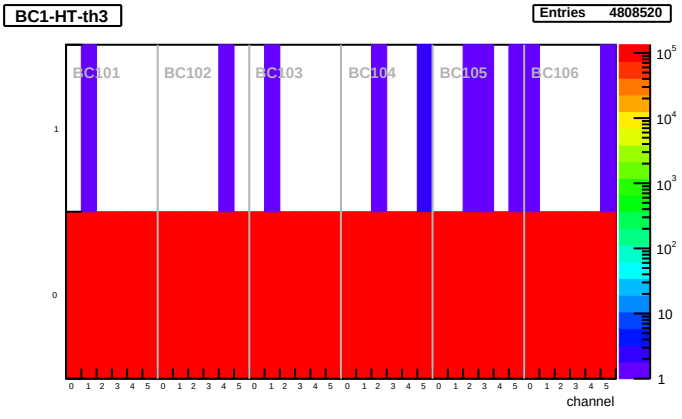

BC1-HT-th0-Diff
Entries 711
BC101
BC102
BC103
BC104
BC105
BC106
channel

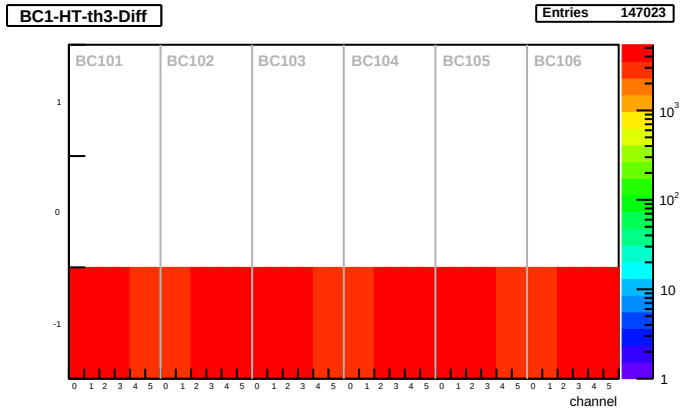

BC1-HT-th1
Entries 4808520
BC101
BC102
BC103
BC104
BC105
BC106
channel

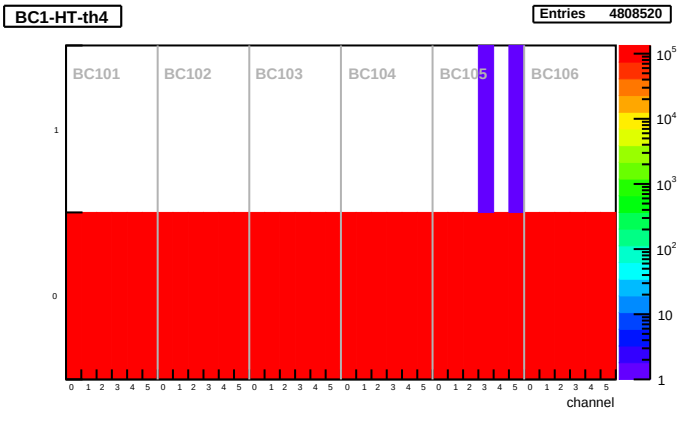

BC1-HT-th1-Diff
Entries 18
BC101
BC102
BC103
BC104
BC105
BC106
channel

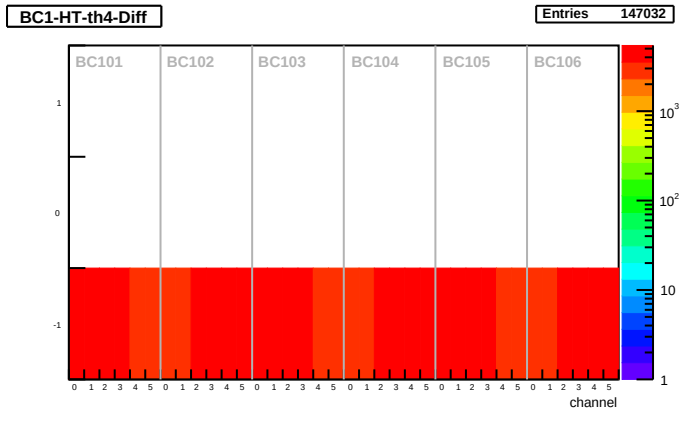

BC1-HT-th2
Entries 4808520
BC101
BC102
BC103
BC104
BC105
BC106
channel

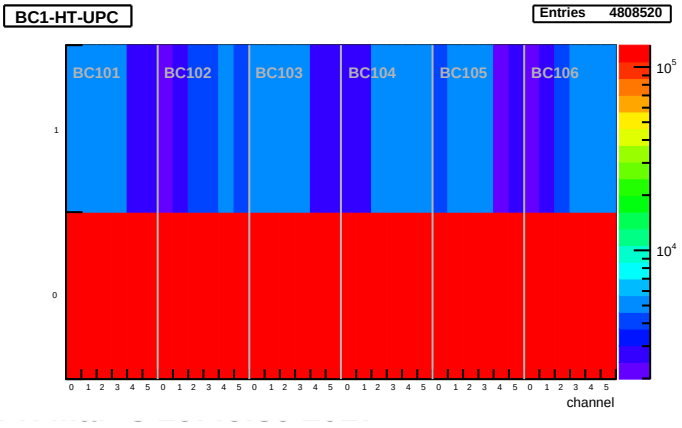

BC1-HT-th2-Diff
Entries 58
BC101
BC102
BC103
BC104
BC105
BC106
channel

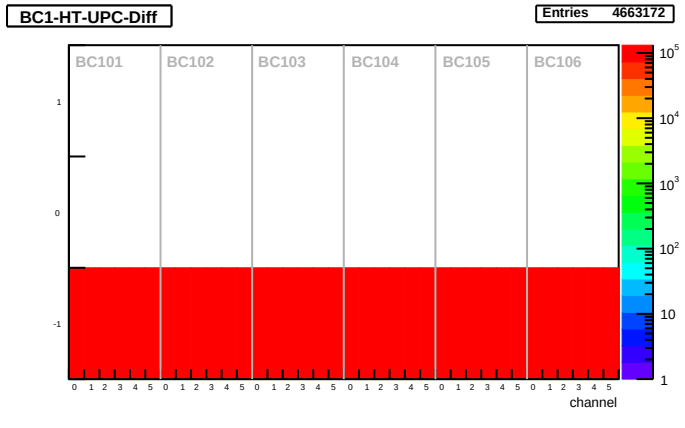

BC1-HT-th3
Entries 4808520
BC101
BC102
BC103
BC104
BC105
BC106
channel

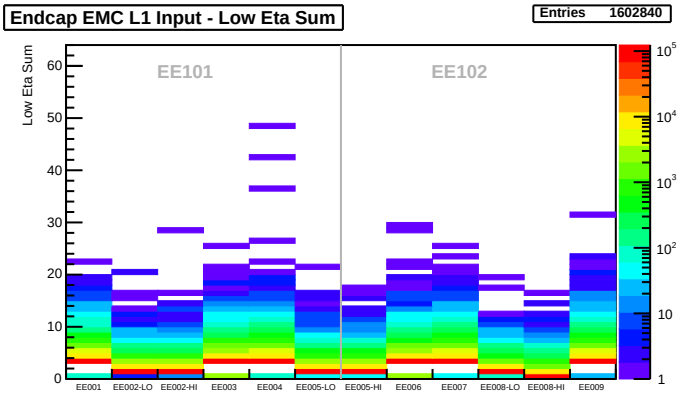

BC1-HT-th3-Diff
Entries 147023
BC101
BC102
BC103
BC104
BC105
BC106
channel

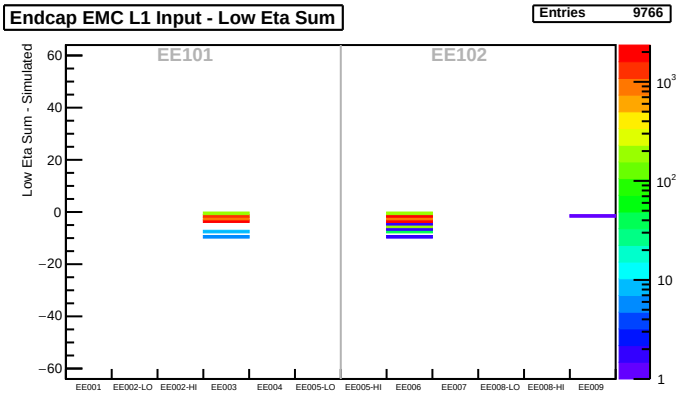

BC1-HT-th4
Entries 4808520
BC101
BC102
BC103
BC104
BC105
BC106
channel

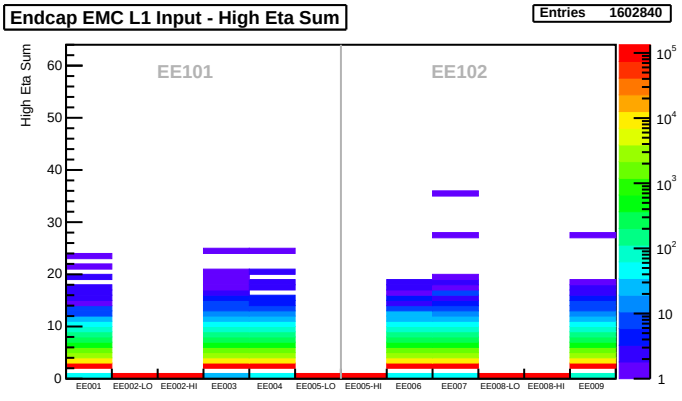

BC1-HT-th4-Diff
Entries 147032
BC101
BC102
BC103
BC104
BC105
BC106
channel

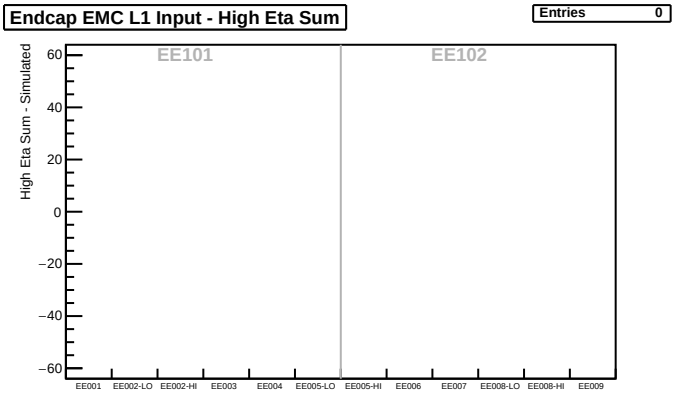

BC1-HT-UPC
Entries 4808520
BC101
BC102
BC103
BC104
BC105
BC106
channel

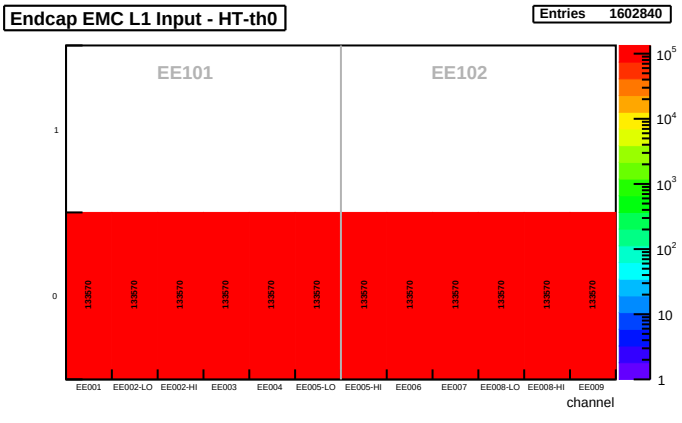

BC1-HT-UPC-Diff
Entries 4663172
BC101
BC102
BC103
BC104
BC105
BC106
channel

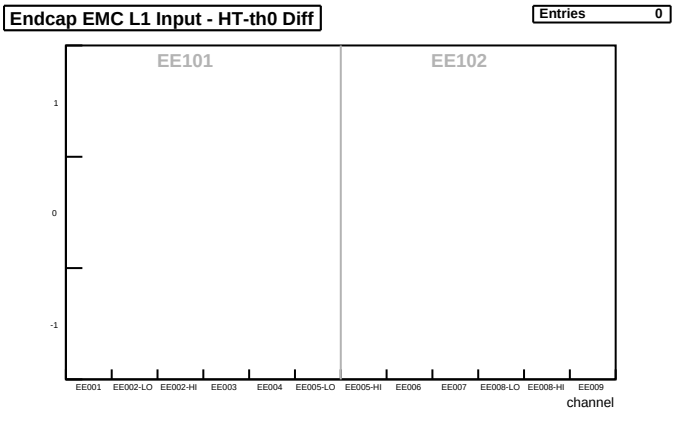

Endcap EMC L1 Input - Low Eta Sum
Entries 1602840
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

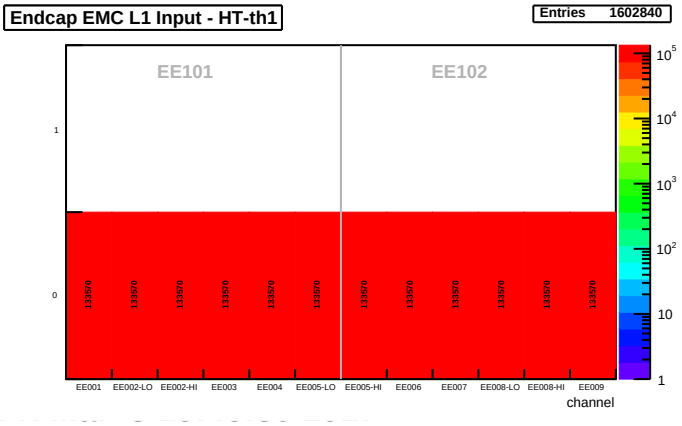

Endcap EMC L1 Input - Low Eta Sum
Entries 9766
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

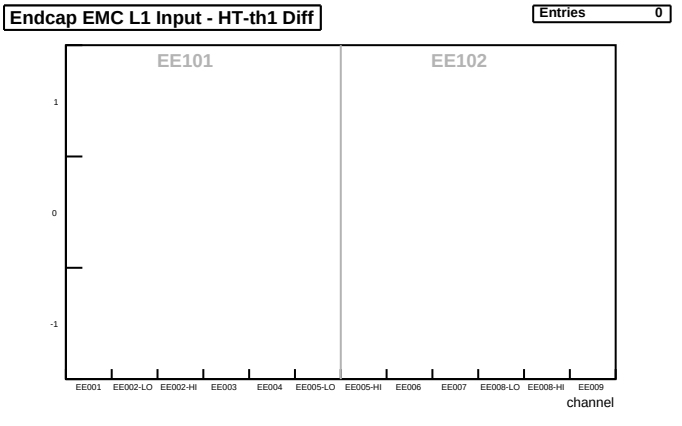

Endcap EMC L1 Input - High Eta Sum
Entries 1602840
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

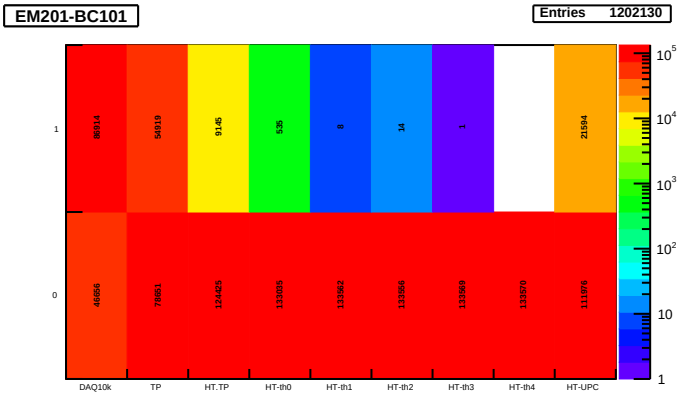

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

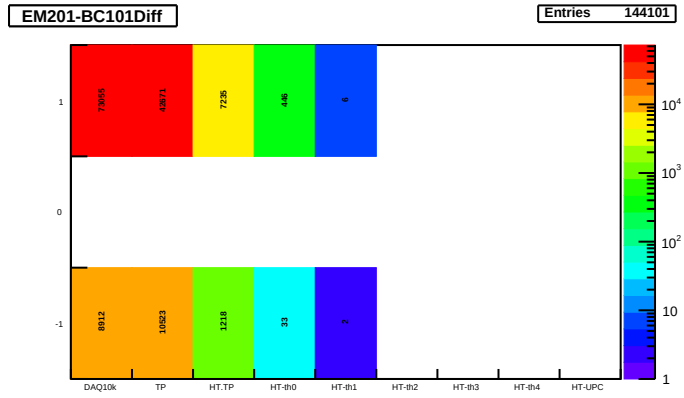

Endcap EMC L1 Input - HT-th0
Entries 1602840
EE101
EE102
133570
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

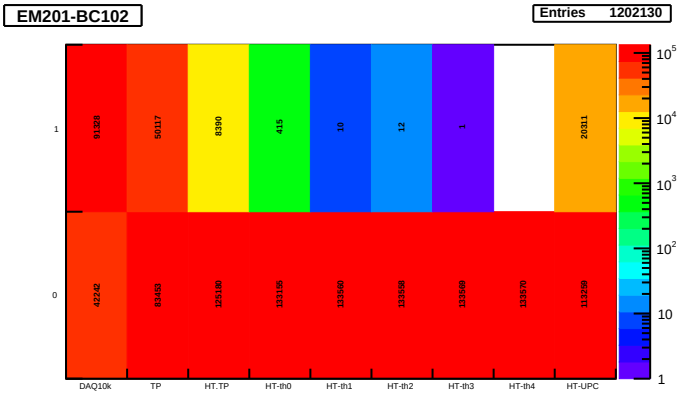

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

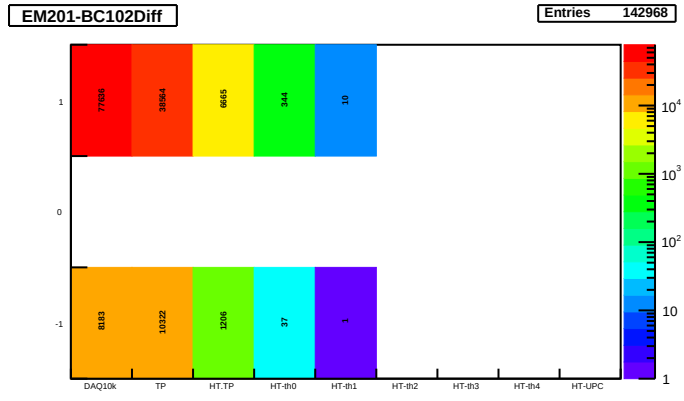

Endcap EMC L1 Input - HT-th1
Entries 1602840
EE101
EE102
133570
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

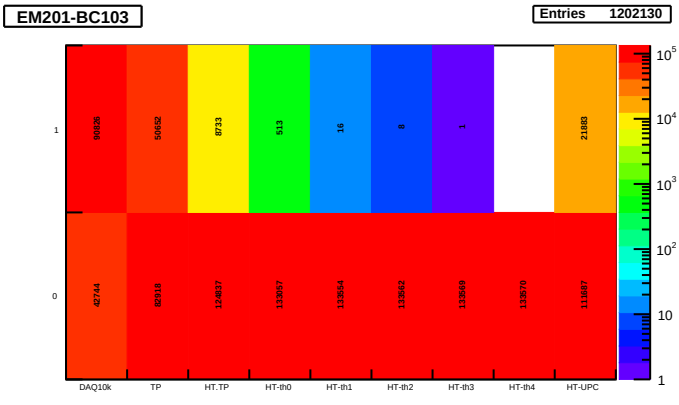

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

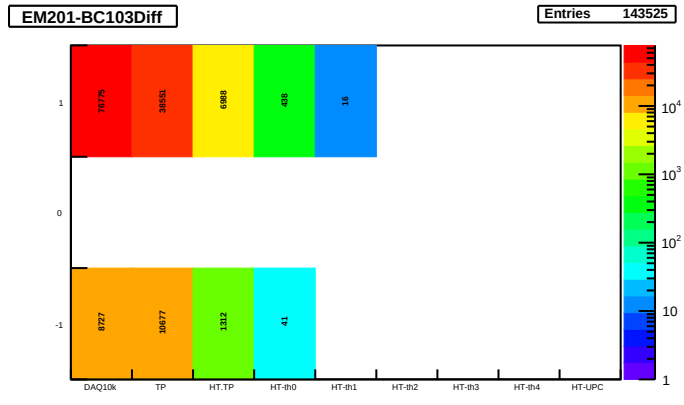

EM201-BC101
Entries 1202130
1
0
85914
54919
9145
535
8
14
1
21594
46656
78651
124425
133035
133562
133556
133569
133570
111976
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1

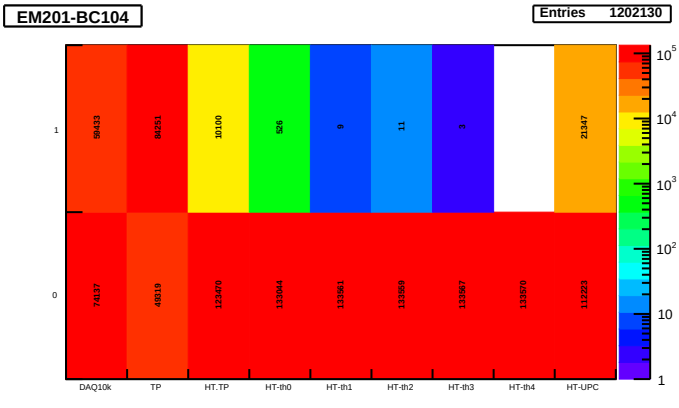

EM201-BC101Diff
Entries 144101
1
0
-1
73055
42871
7225
446
6
8912
10523
1218
33
2
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

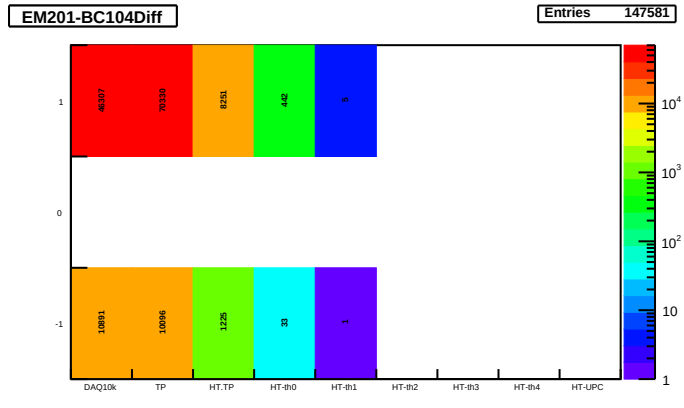

EM201-BC102
Entries 1202130
1
0
91328
50117
8390
415
10
12
1
20311
42242
83453
125130
133155
133560
133558
133569
133570
112239
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC102Diff
Entries 142968
1
0
-1
77636
38564
6665
344
10
8183
10322
1206
37
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

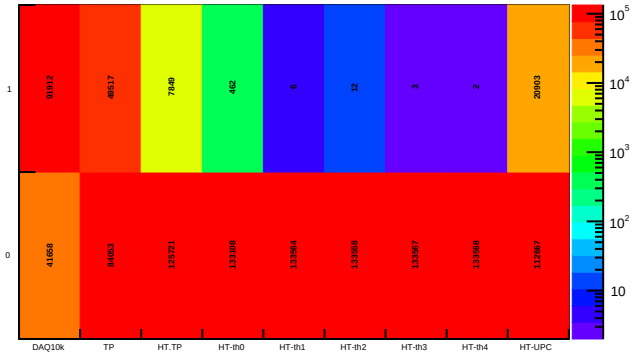

EM201-BC103
Entries 1202130
1
0
90535
50652
8733
513
16
8
1
21883
42744
82318
124837
133557
133554
133562
133569
133570
111687
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC103Diff
Entries 143525
1
0
-1
76775
38551
6988
438
16
8727
10677
1312
41
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

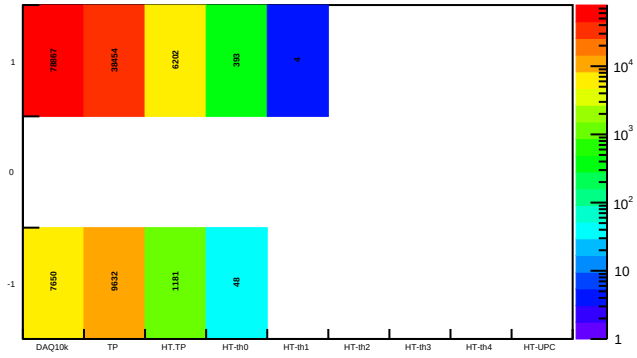

EM201-BC104
Entries 1202130
1
0
59433
84251
10100
526
9
11
3
21347
74137
41819
123470
130944
133561
133559
133567
133570
112223
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^5
10^4
10^3
10^2
10
1


EM201-BC104Diff
Entries 147581
1
0
-1
46307
70330
8251
442
5
10891
10096
1225
33
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
10^4
10^3
10^2
10
1

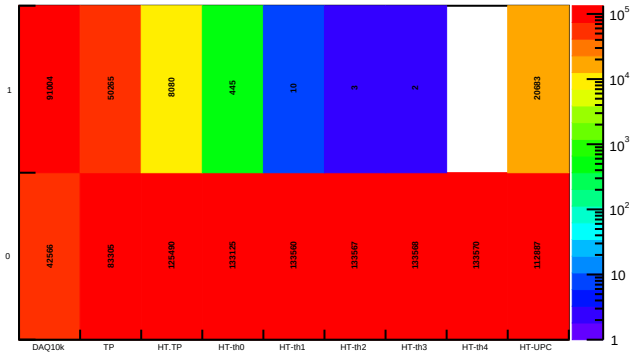
EM201-BC105 Entries 1202130



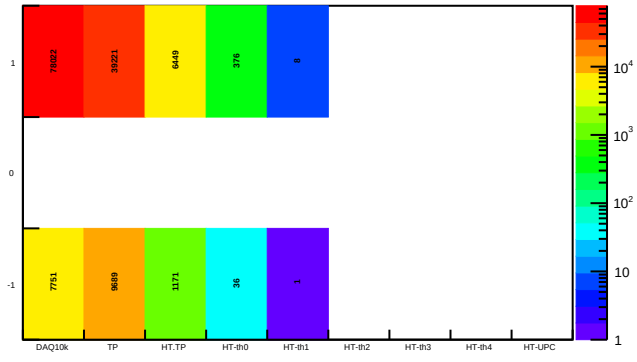
EM201-BC105Diff Entries 142431



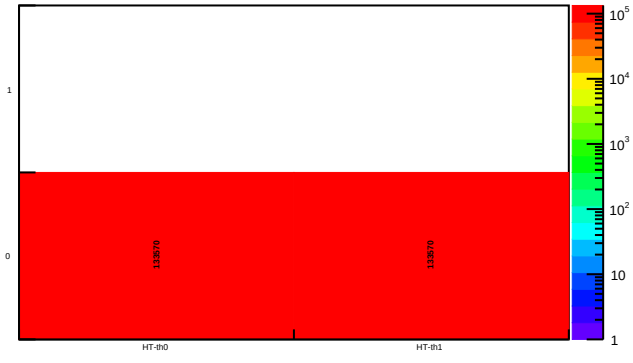
EM201-BC106 Entries 1202130



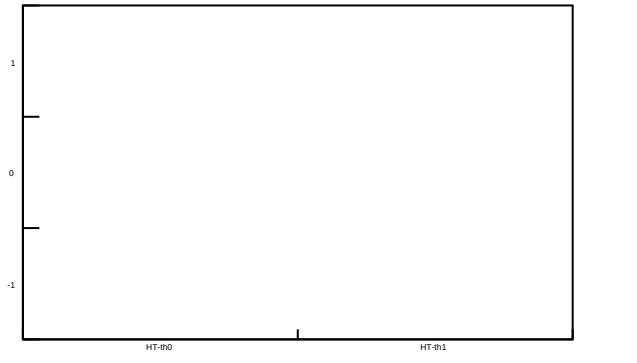
EM201-BC106Diff Entries 142724



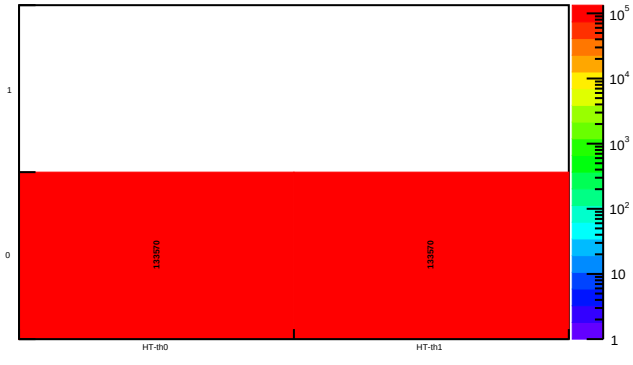
EM201-EE101 Entries 267140



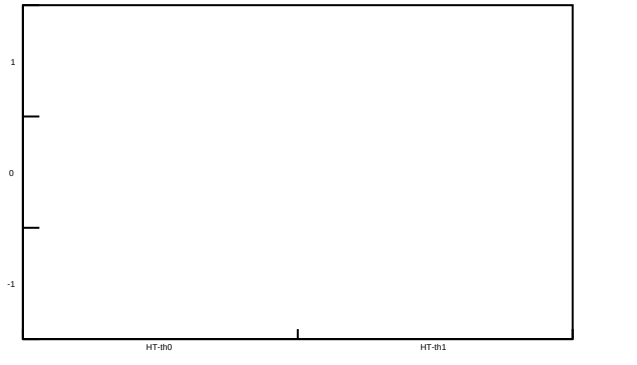
EM201-EE101Diff Entries 0

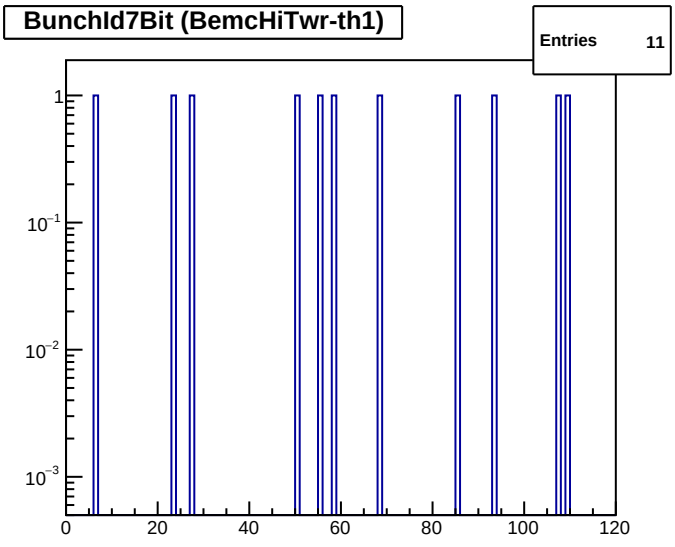


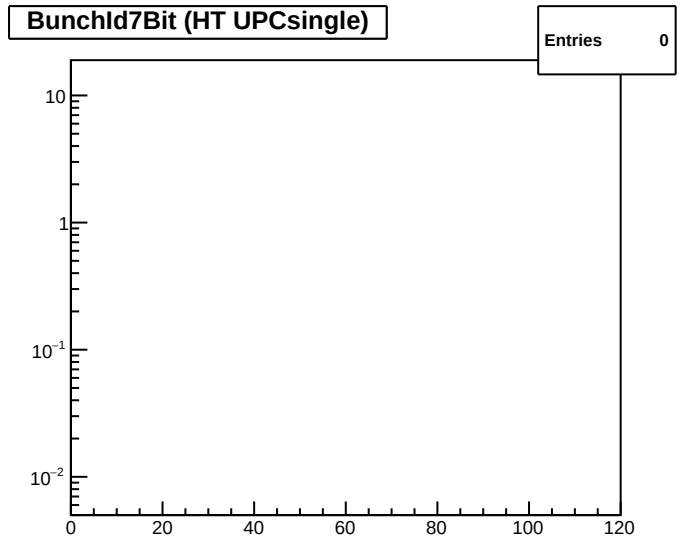
EM201-EE102 Entries 267140

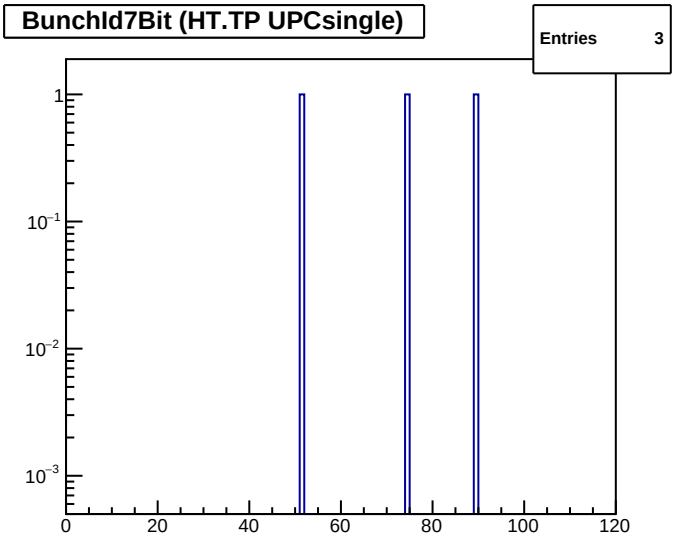


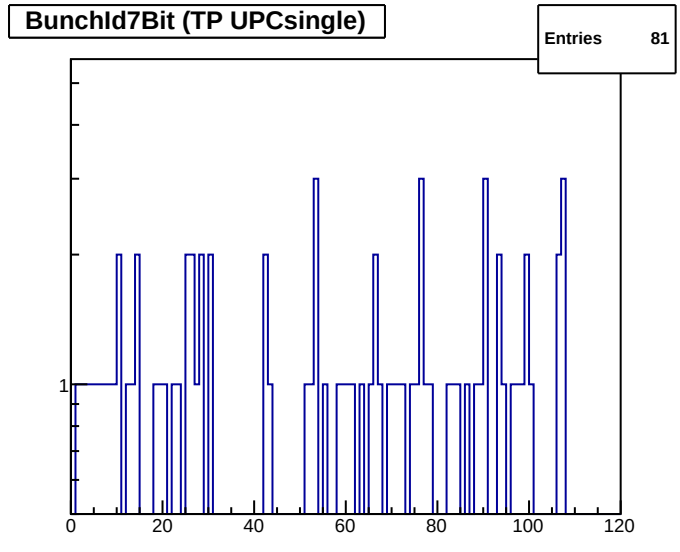
EM201-EE102Diff Entries 0

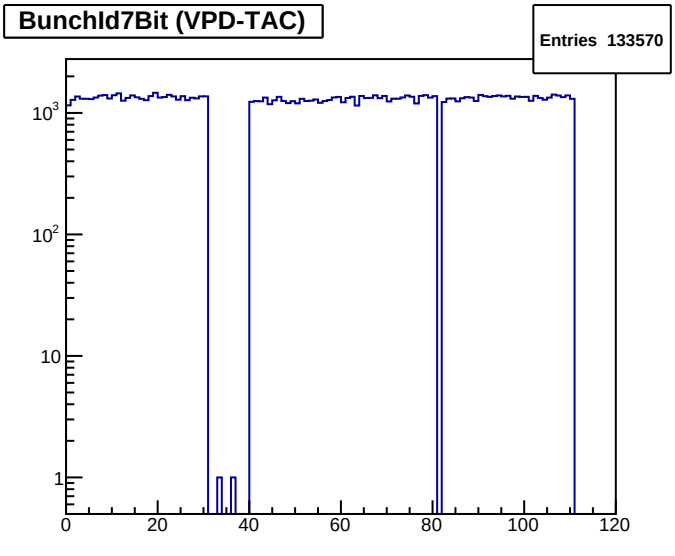


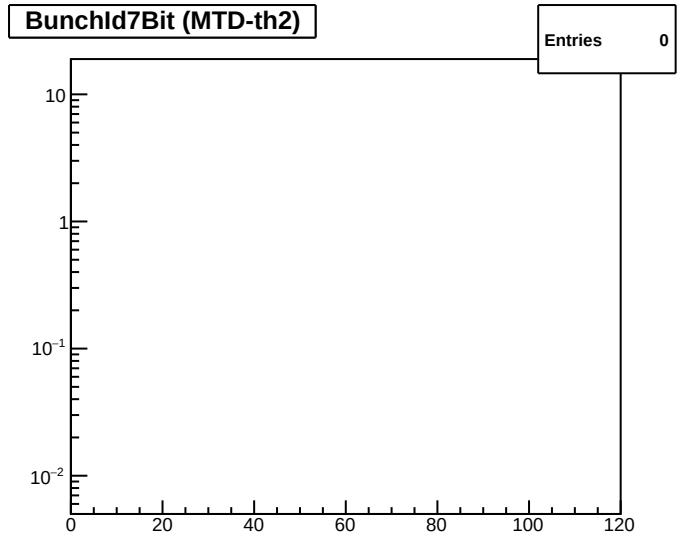

BunchId7Bit (BemcHiTwr-th1)
Entries 11

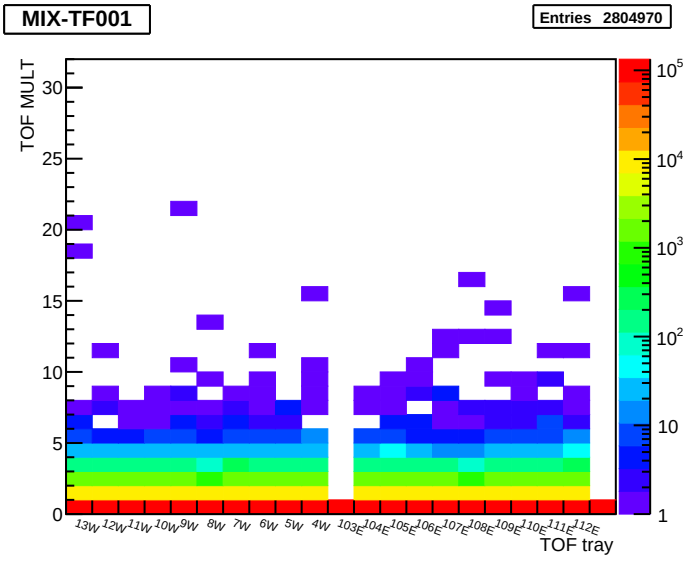

BunchId7Bit (HT UPCsingle)
Entries 0

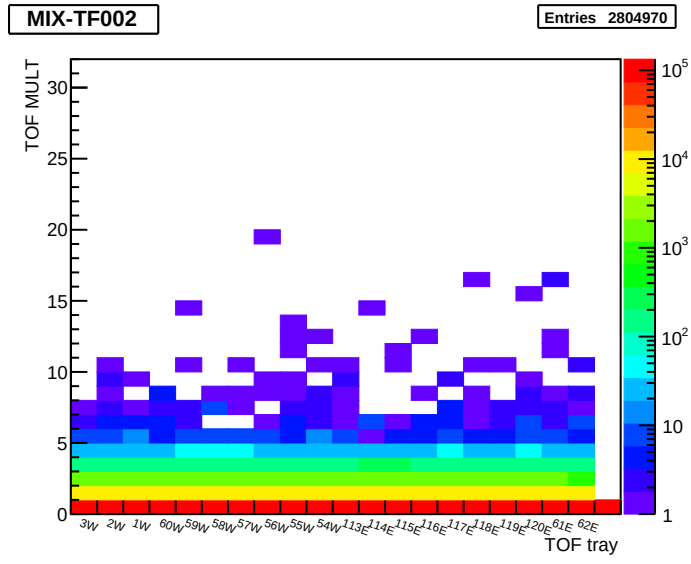

BunchId7Bit (HT.TP UPCsingle)
Entries 3

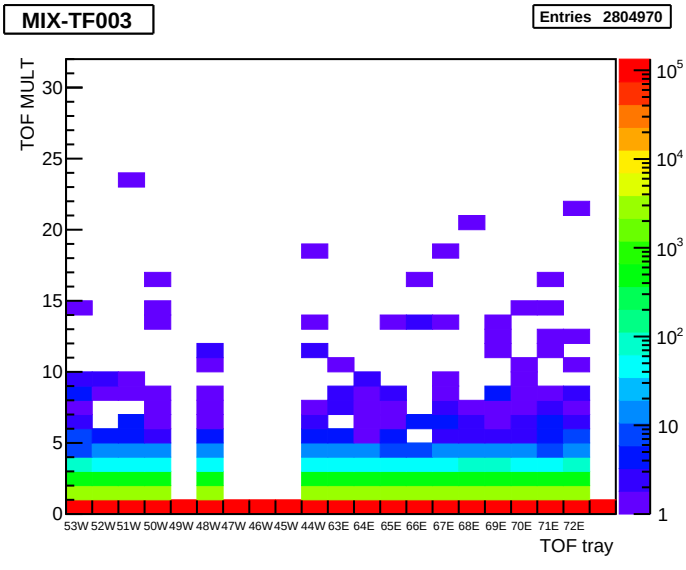

BunchId7Bit (TP UPCsingle)
Entries 81

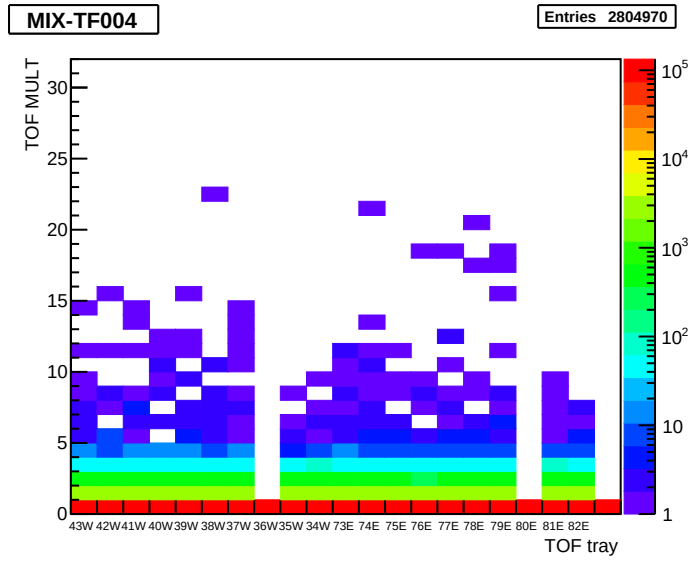

BunchId7Bit (VPD-TAC)
Entries 133570

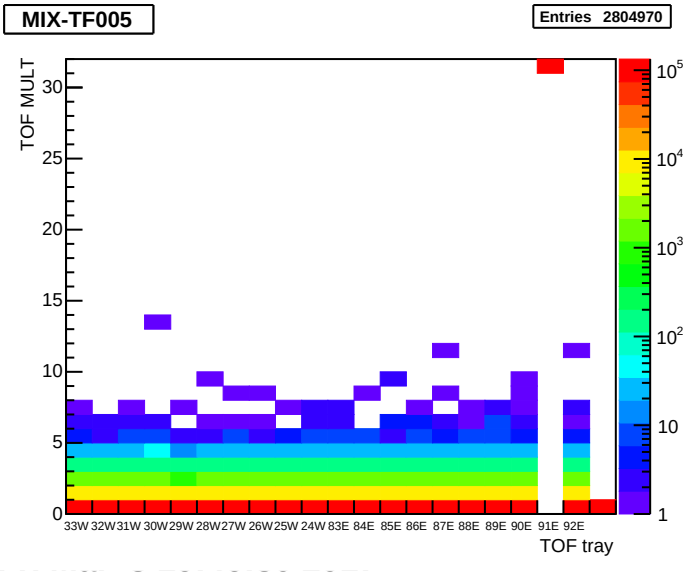

BunchId7Bit (MTD-th2)
Entries 0

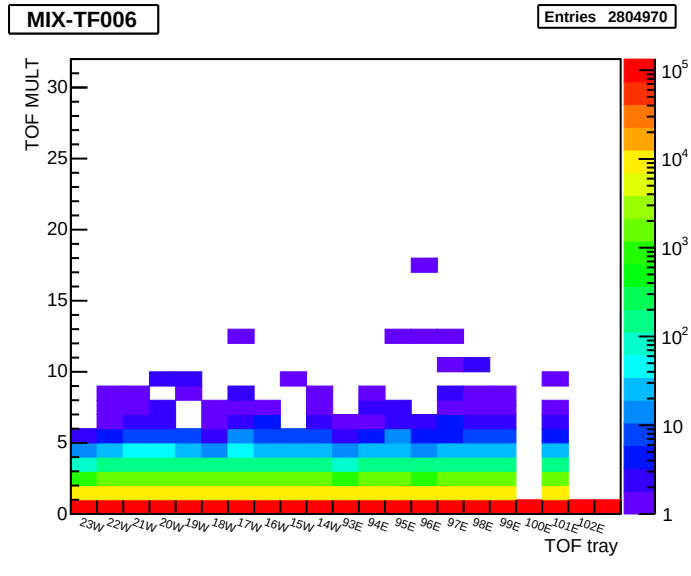

MIX-TF001
Entries 2804970
TOF MULT
TOF tray

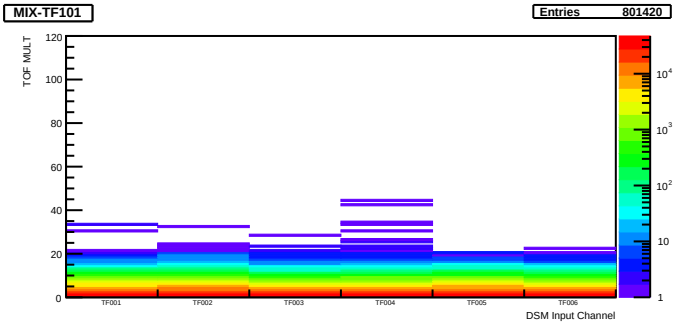

MIX-TF002
Entries 2804970
TOF MULT
TOF tray

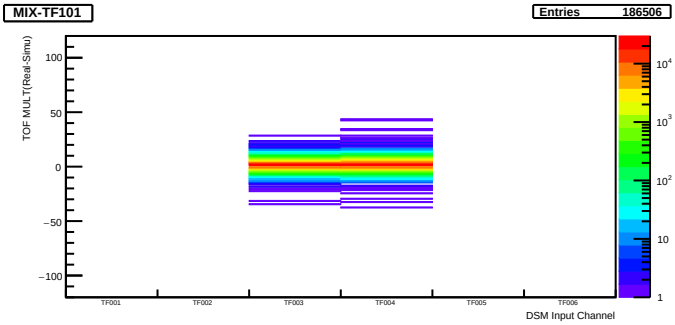

MIX-TF003
Entries 2804970
TOF MULT
TOF tray

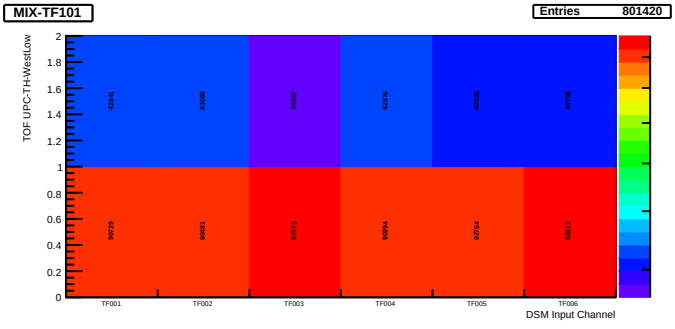

MIX-TF004
Entries 2804970
TOF MULT
TOF tray

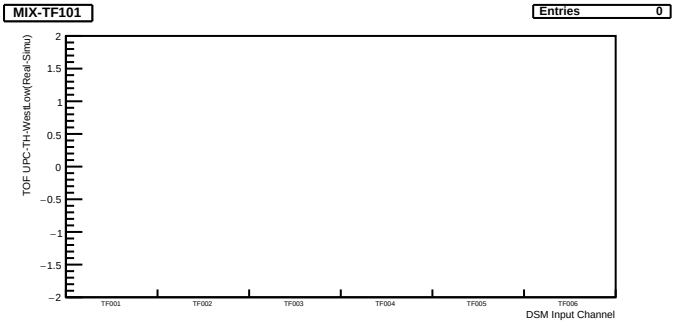

MIX-TF005
Entries 2804970
TOF MULT
TOF tray

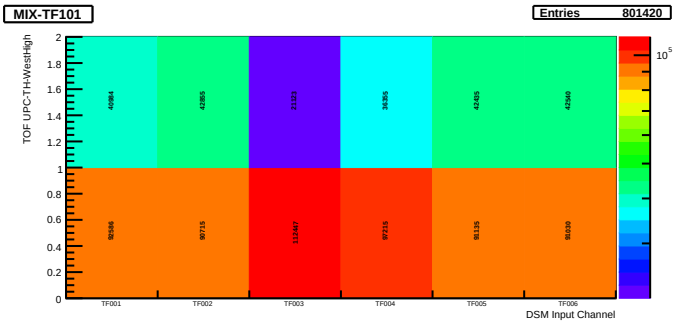

MIX-TF006
Entries 2804970
TOF MULT
TOF tray

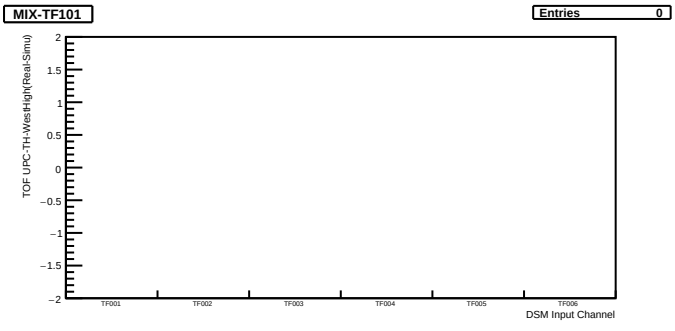

MIX-TF101
Entries 801420
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

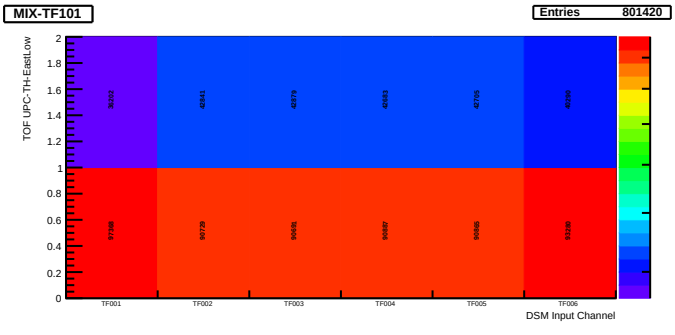

MIX-TF101
Entries 186506
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

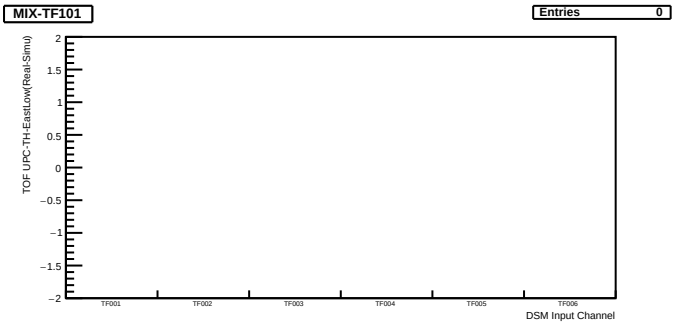

MIX-TF101
Entries 801420
TOF UPC-TH-WestLow
42841
43589
35307
42576
40858
40779
90729
90481
95973
90994
92764
93811
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

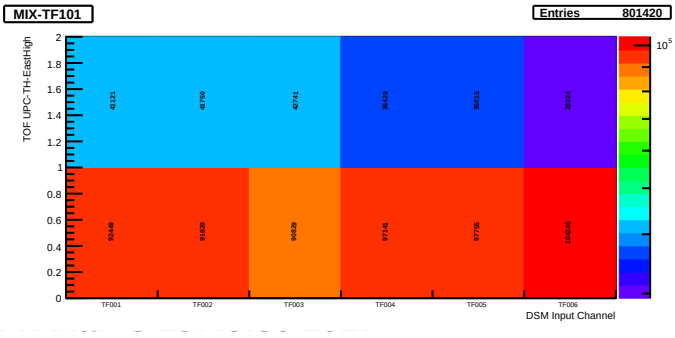

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

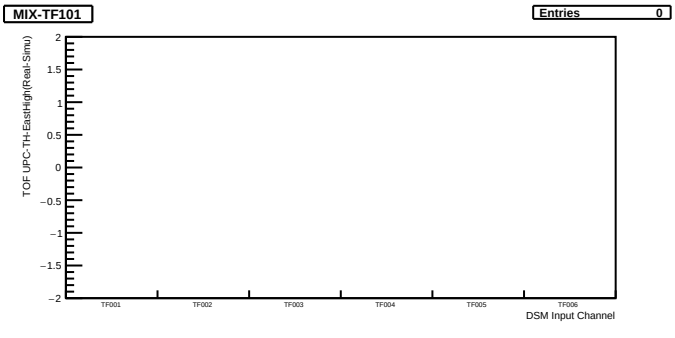

MIX-TF101
Entries 801420
TOF UPC-TH-WestHigh
40864
42865
21123
34365
42405
42340
82566
90715
112447
87215
81135
81030
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

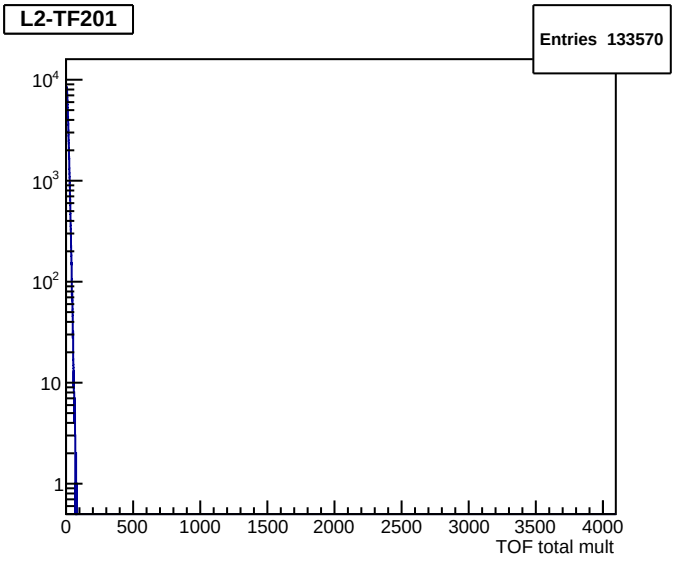

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

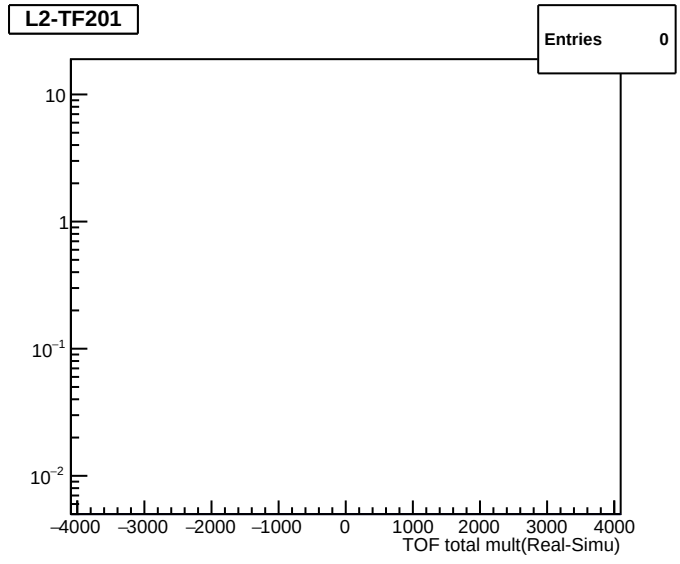

MIX-TF101
Entries 801420
TOF UPC-TH-EastLow
36202
42541
42479
42463
42705
40200
97738
90729
90631
90687
90865
93230
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

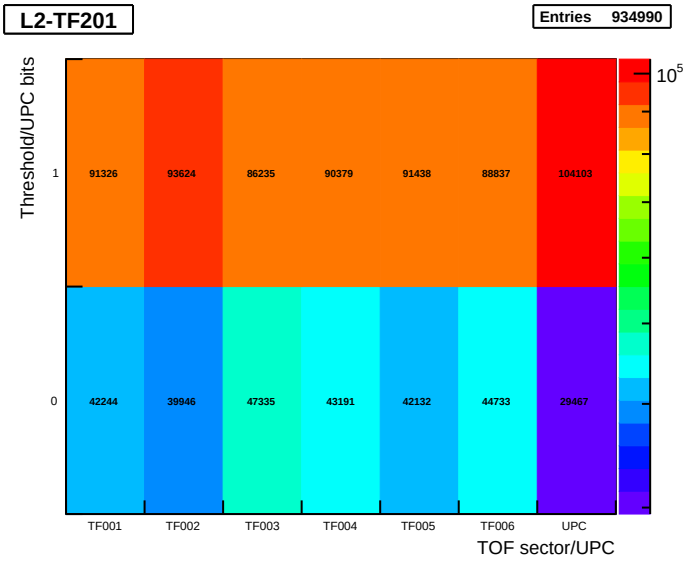

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

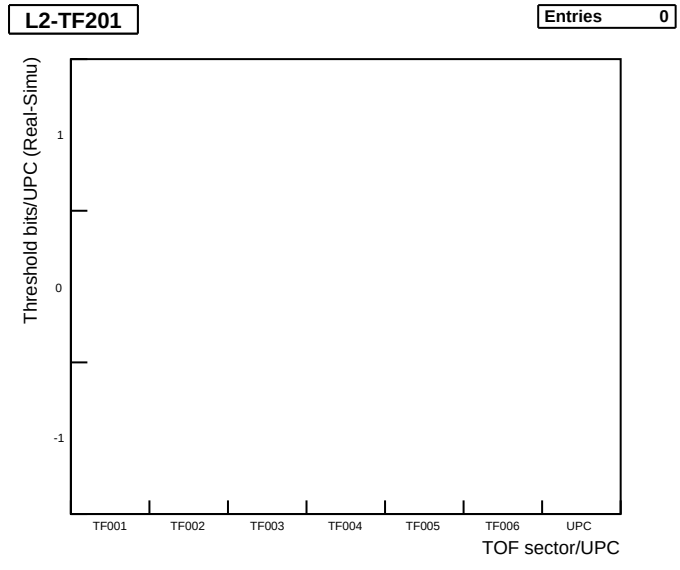

MIX-TF101
Entries 801420
TOF UPC-TH-EastHigh
41121
41760
42741
36429
35515
29324
92449
91830
90829
97141
97785
104046
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

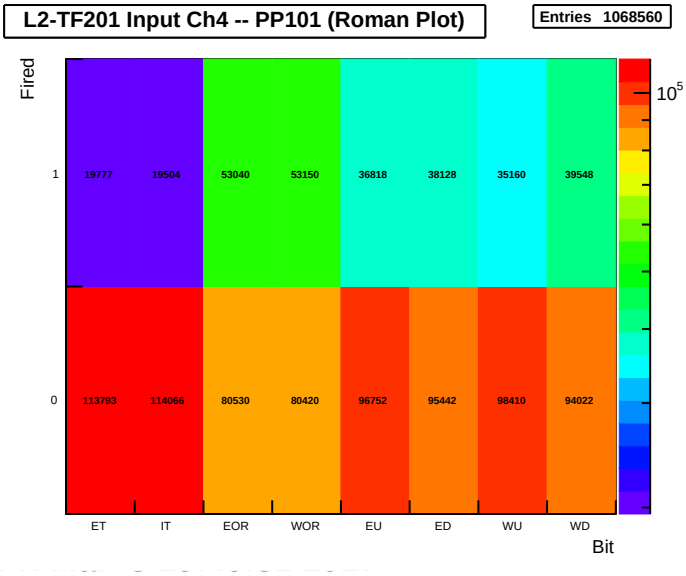

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

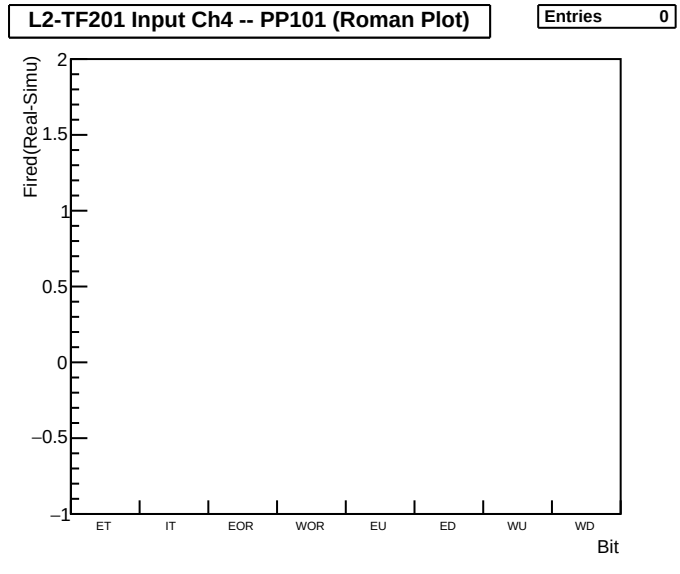

L2-TF201
Entries 133570
TOF total mult

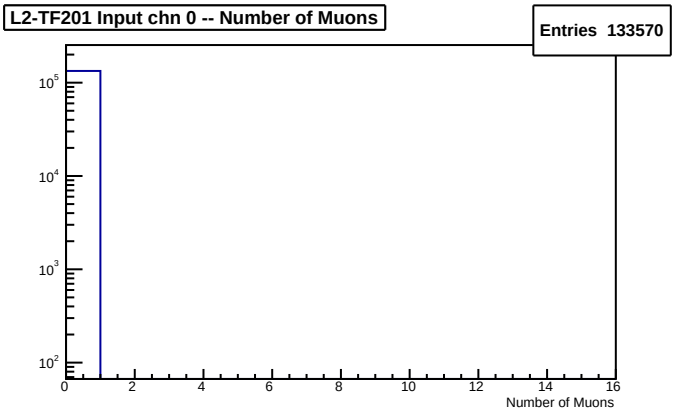

L2-TF201
Entries 0
TOF total mult(Real-Simu)

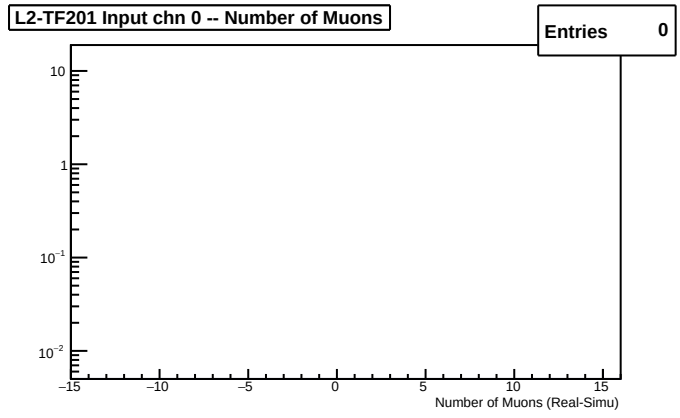

L2-TF201
Entries 934990
Threshold/UPC bits
91326
93624
86235
90379
91438
88837
104103
42244
39946
47335
43191
42132
44733
29467
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

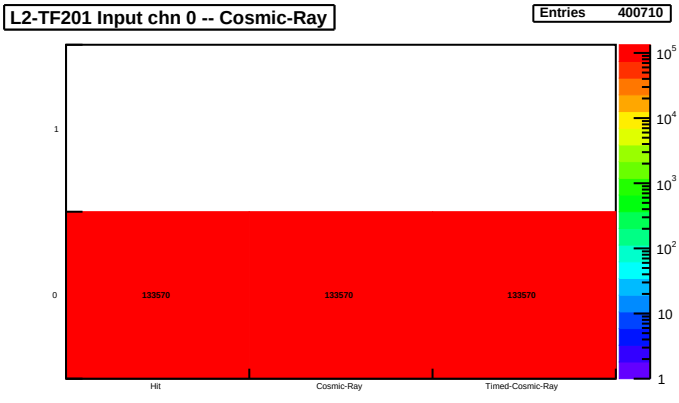

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

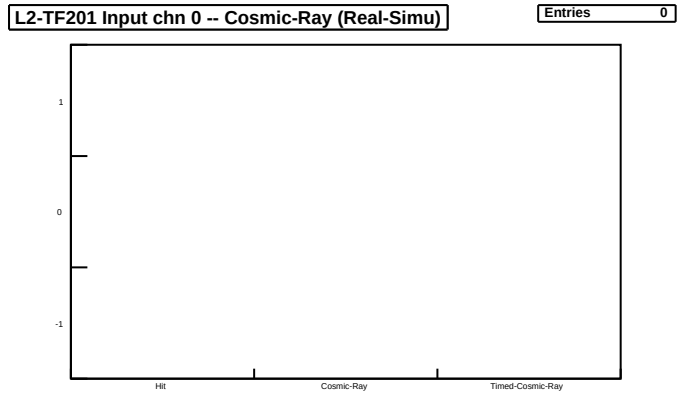

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1068560
Fired
19777
19504
53040
53150
36818
38128
35160
39548
113793
114066
80530
80420
96752
95442
98410
94022
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

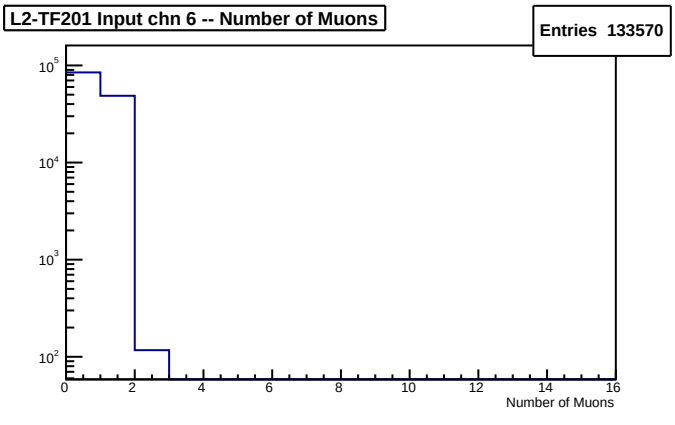

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

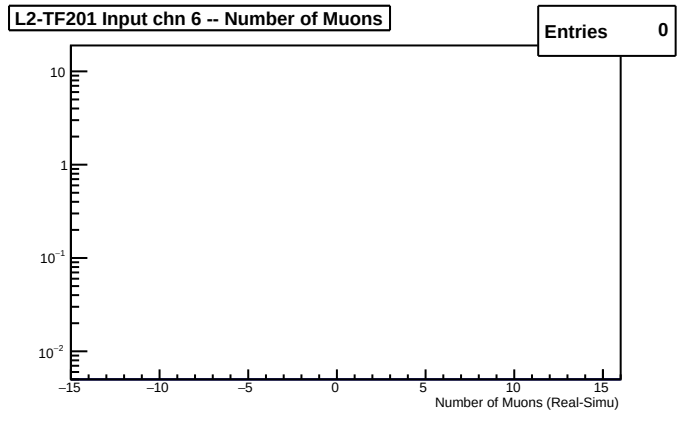

L2-TF201 Input chn 0 -- Number of Muons
Entries 133570
Number of Muons

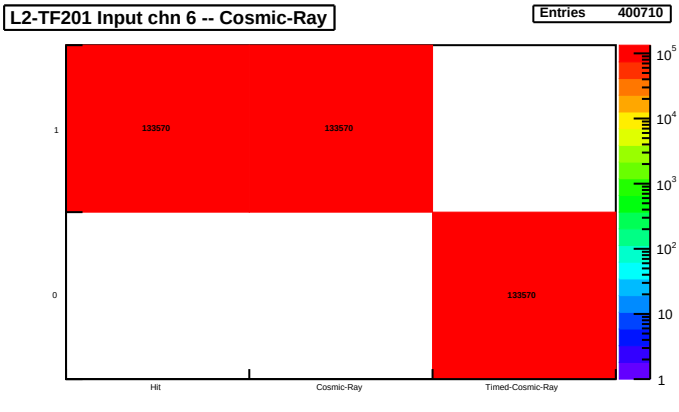

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

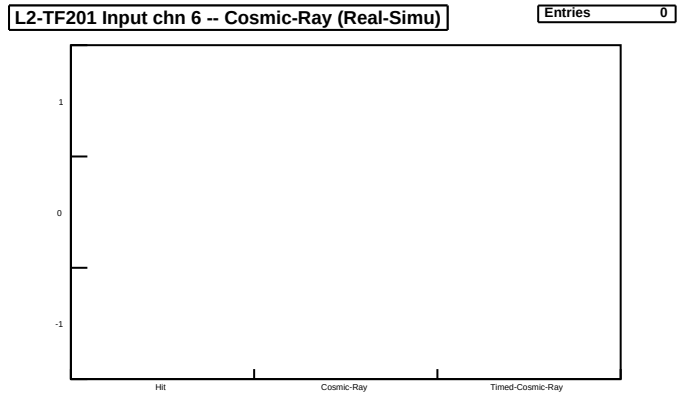

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 400710
133570
133570
133570
Hit
Cosmic-Ray
Timed-Cosmic-Ray

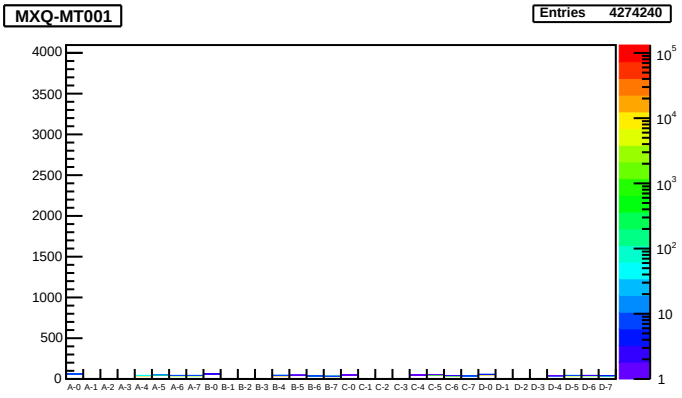

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

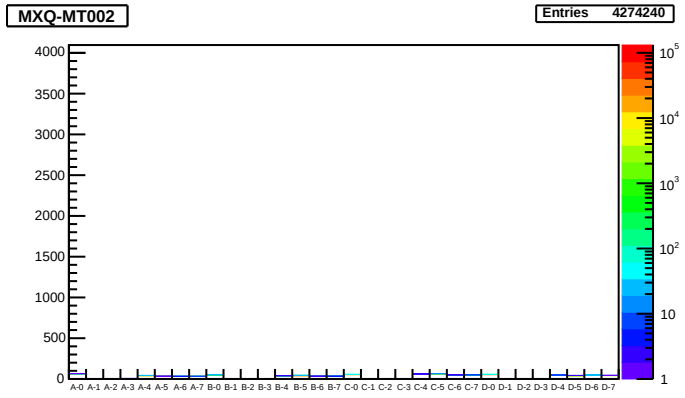

L2-TF201 Input chn 6 -- Number of Muons
Entries 133570
Number of Muons

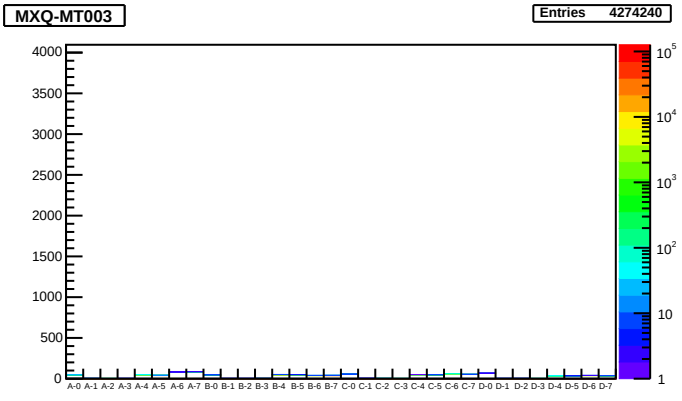

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

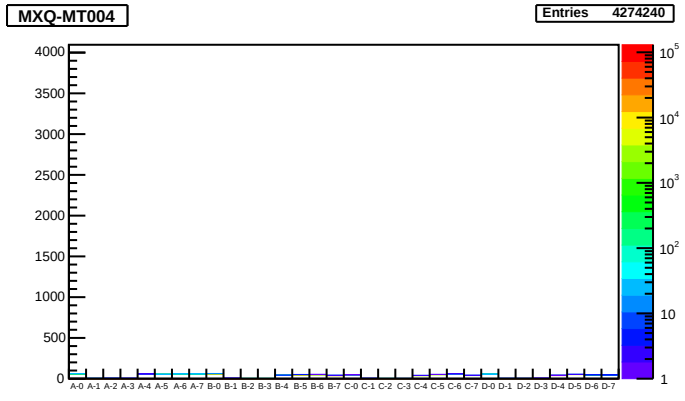

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 400710
133570
133570
133570
Hit
Cosmic-Ray
Timed-Cosmic-Ray

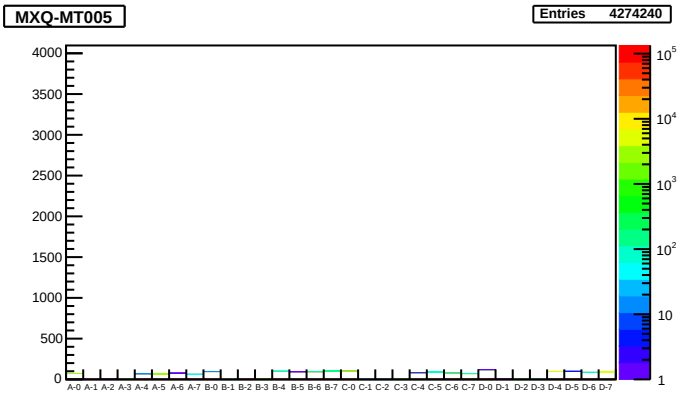

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

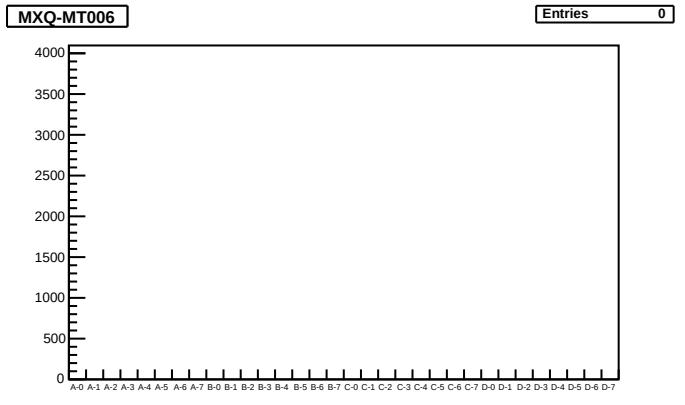

MXQ-MT001
Entries 4274240

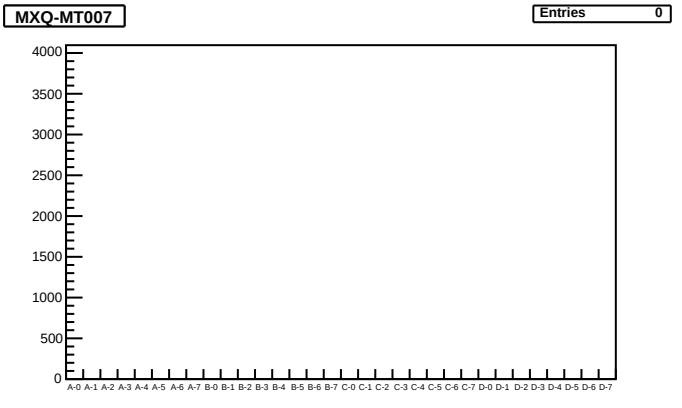

MXQ-MT002
Entries 4274240

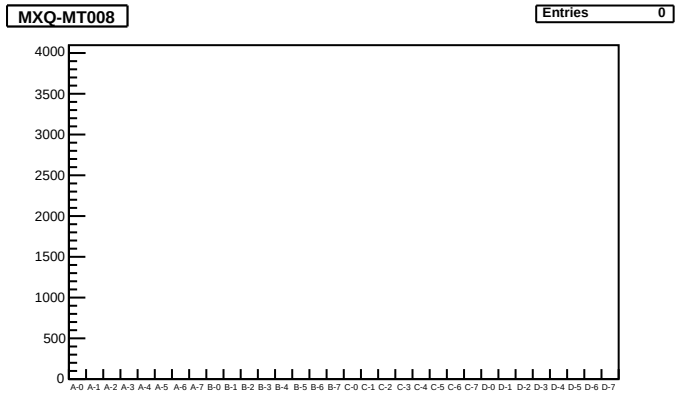

MXQ-MT003
Entries 4274240

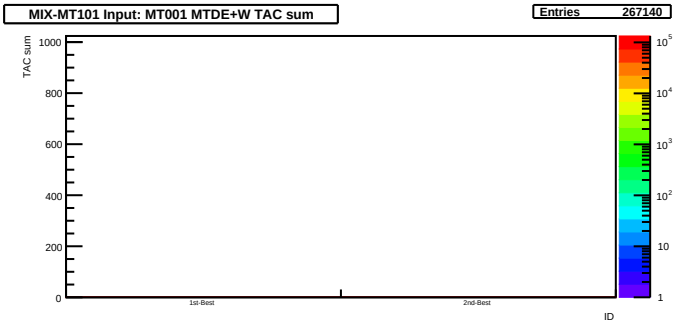

MXQ-MT004
Entries 4274240

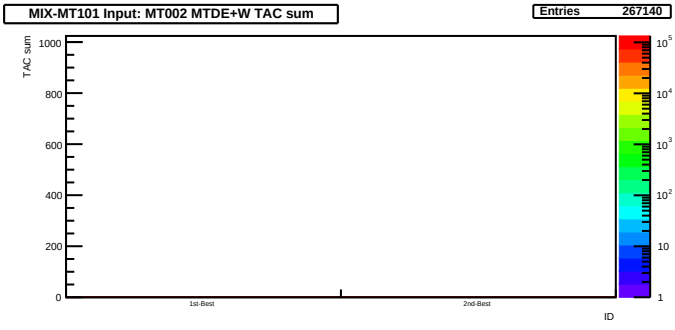

MXQ-MT005
Entries 4274240

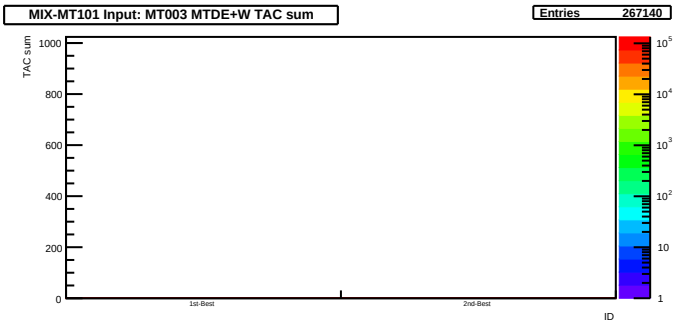

MXQ-MT006
Entries 0

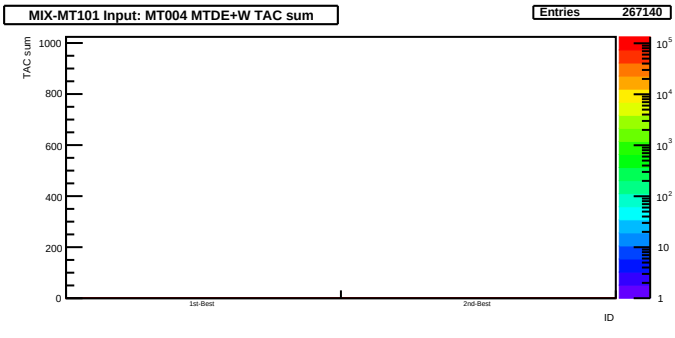

MXQ-MT007
Entries 0

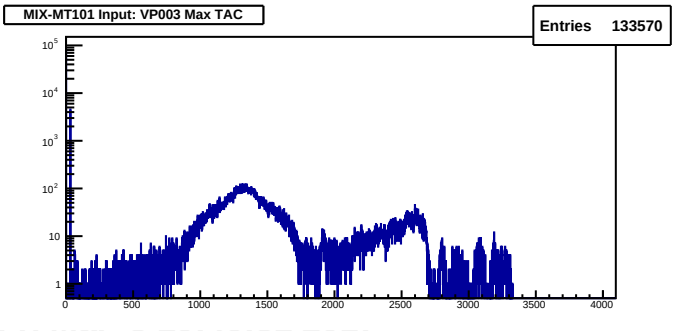

MXQ-MT008
Entries 0

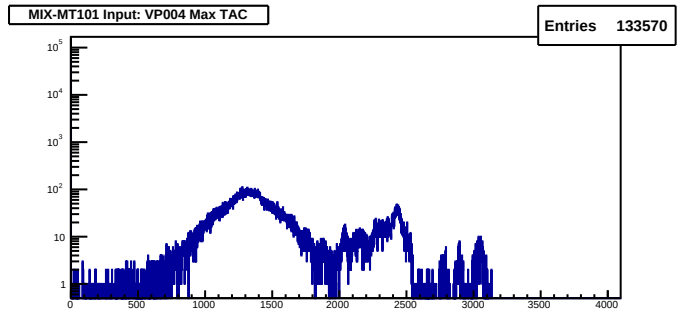

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 267140
TAC sum
1st-Best
2nd-Best
ID

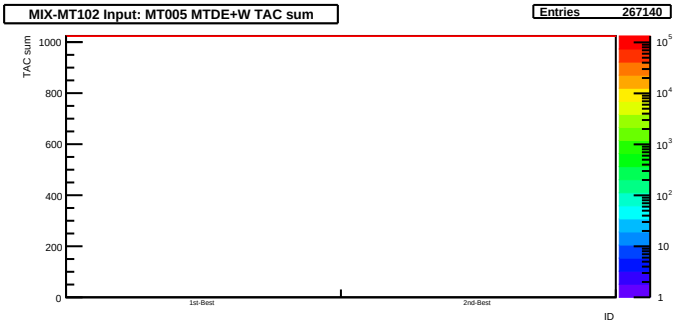

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 267140
TAC sum
1st-Best
2nd-Best
ID

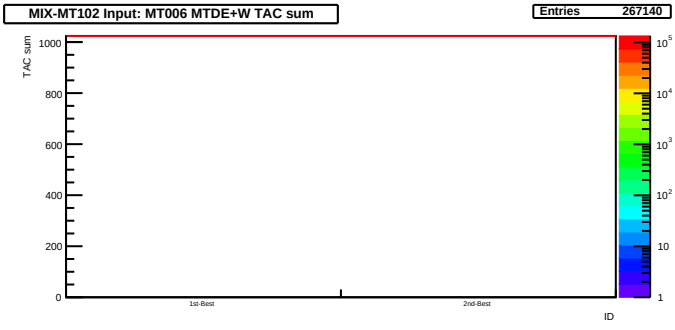

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 267140
TAC sum
1st-Best
2nd-Best
ID

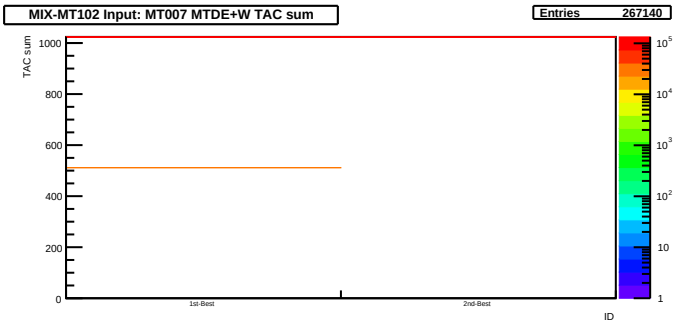

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 267140
TAC sum
1st-Best
2nd-Best
ID

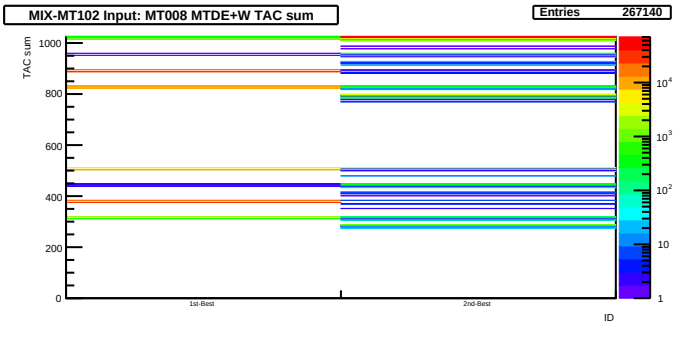

MIX-MT101 Input: VP003 Max TAC
Entries 133570

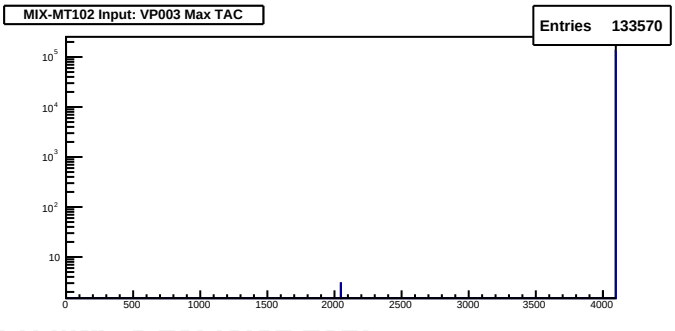

MIX-MT101 Input: VP004 Max TAC
Entries 133570

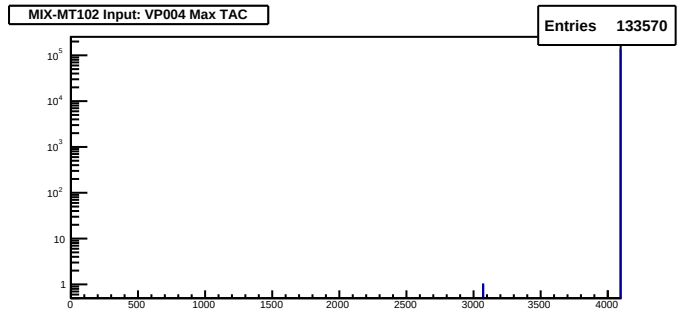

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 267140
TAC sum
1st-Best
2nd-Best
ID

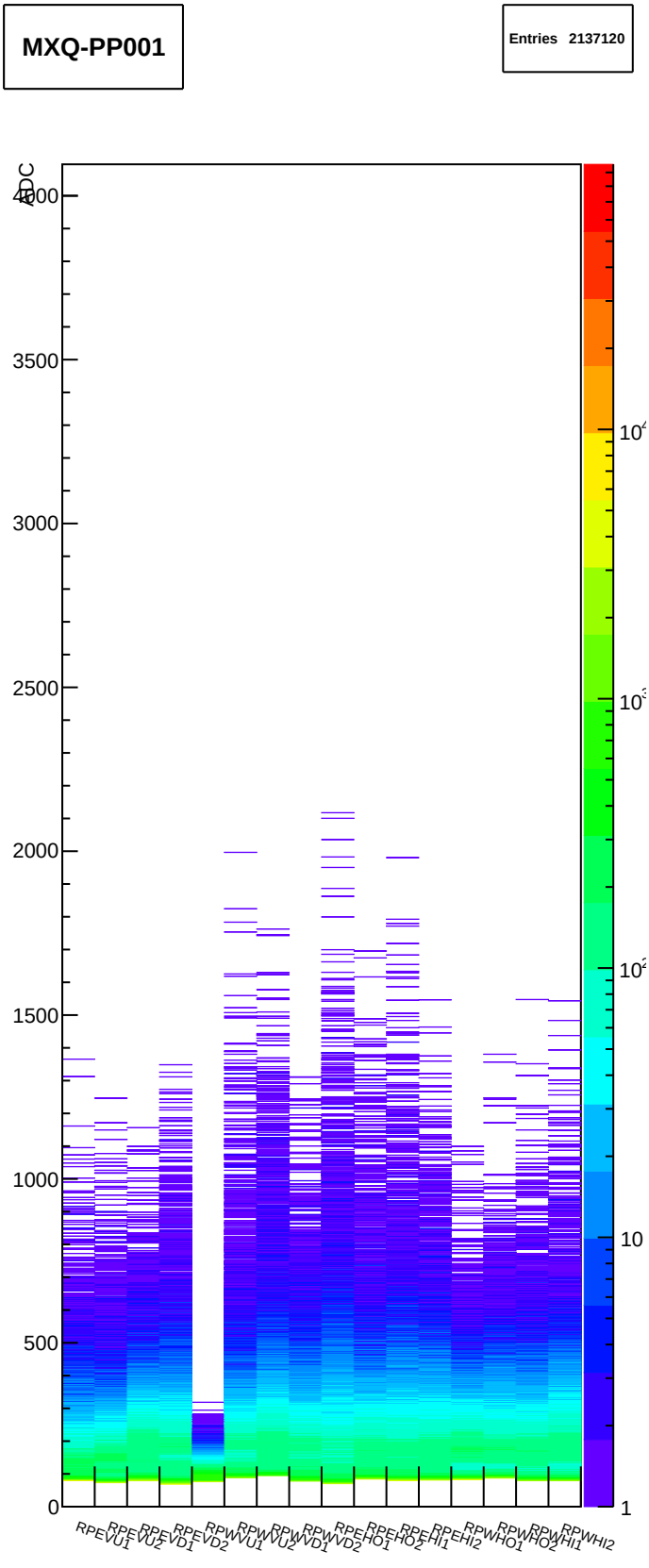

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 267140
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 267140
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 267140
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 133570


MIX-MT102 Input: VP004 Max TAC
Entries 133570


MXQ-PP001
Entries 2137120
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
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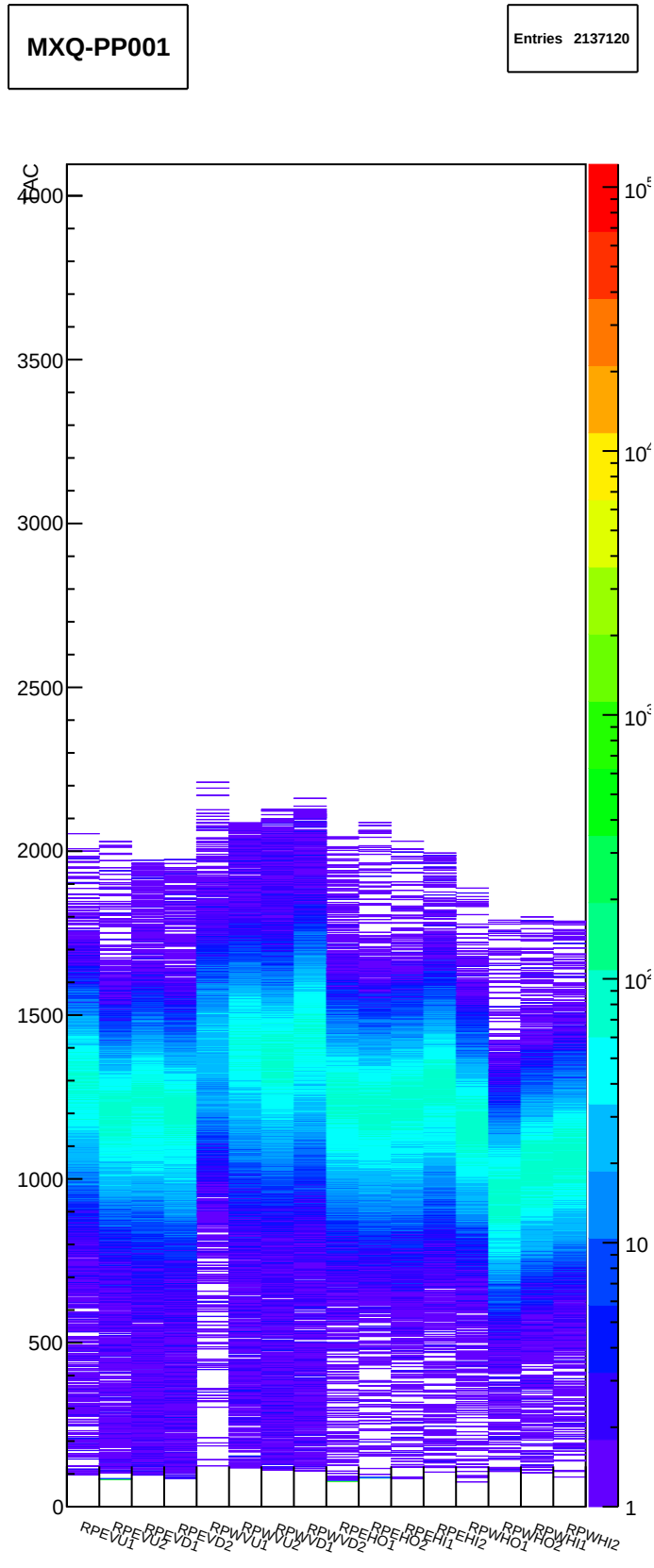
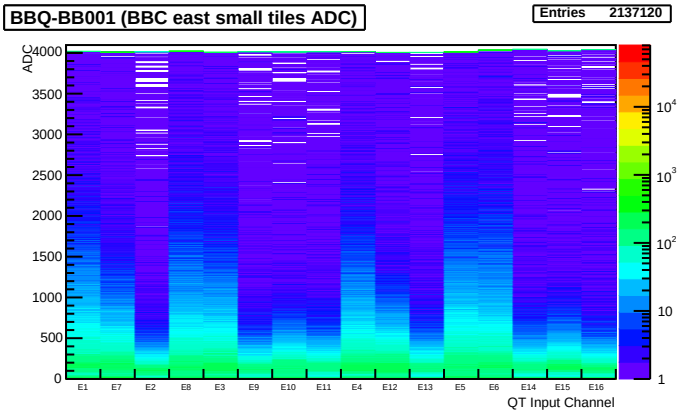
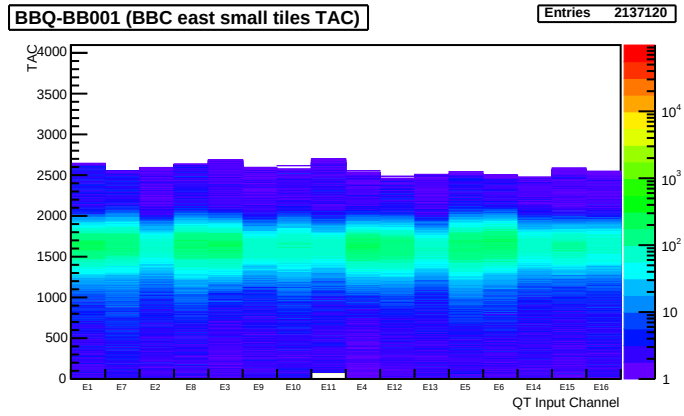
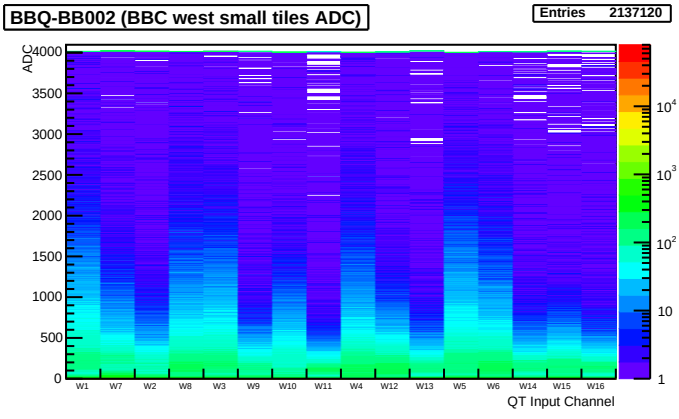
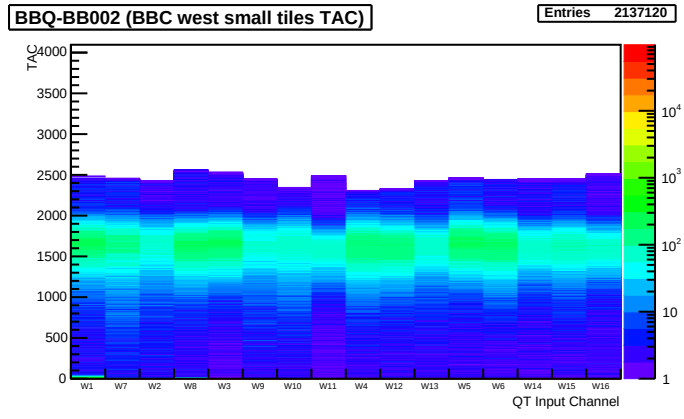
RPWHO2
RPWHI1
RPWHI2
10
1

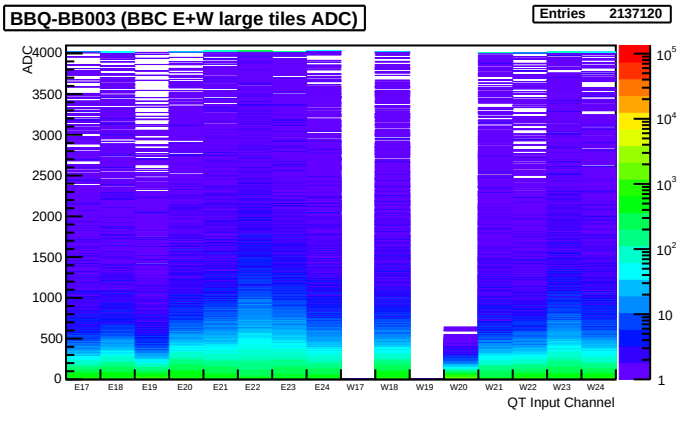

MXQ-PP001
Entries 2137120
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

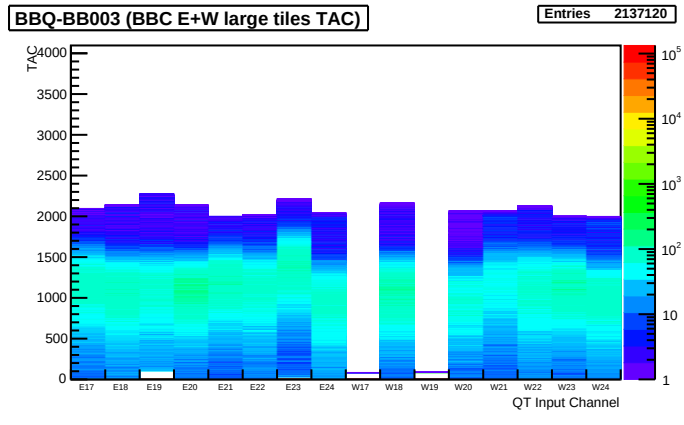

BBQ-BB001 (BBC east small tiles ADC)
Entries 2137120
ADC
QT Input Channel

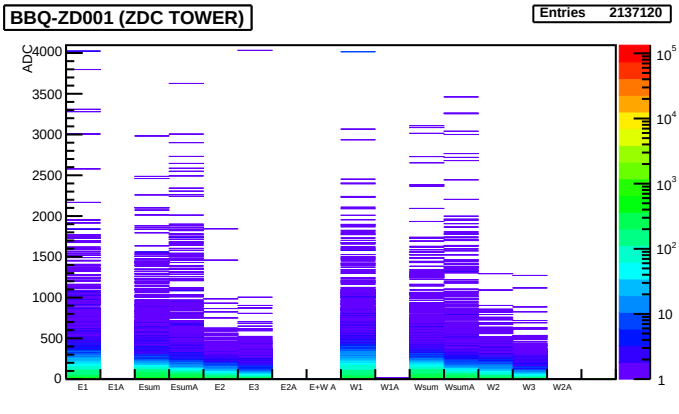

BBQ-BB001 (BBC east small tiles TAC)
Entries 2137120
TAC
QT Input Channel

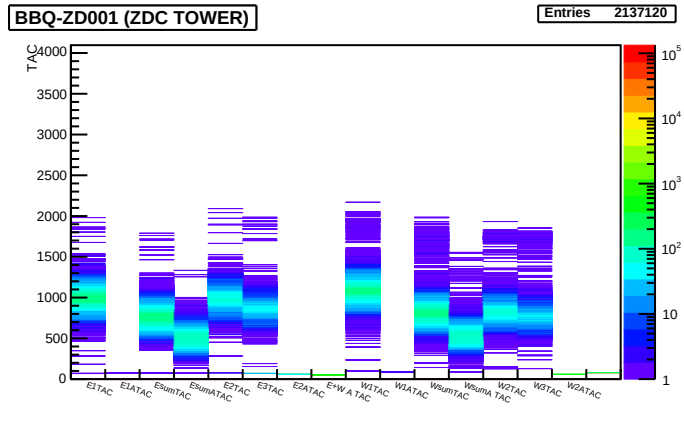

BBQ-BB002 (BBC west small tiles ADC)
Entries 2137120
ADC
QT Input Channel

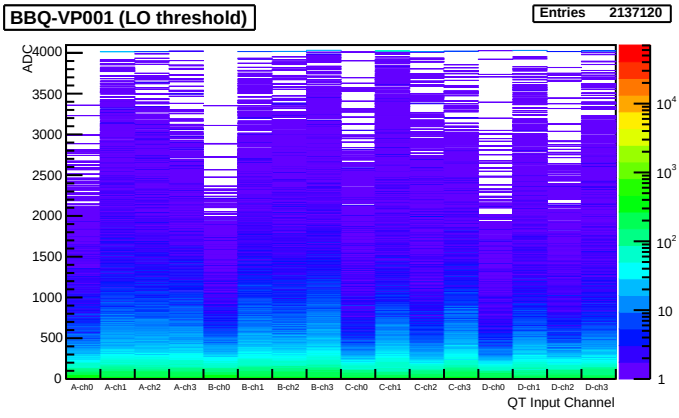

BBQ-BB002 (BBC west small tiles TAC)
Entries 2137120
TAC
QT Input Channel

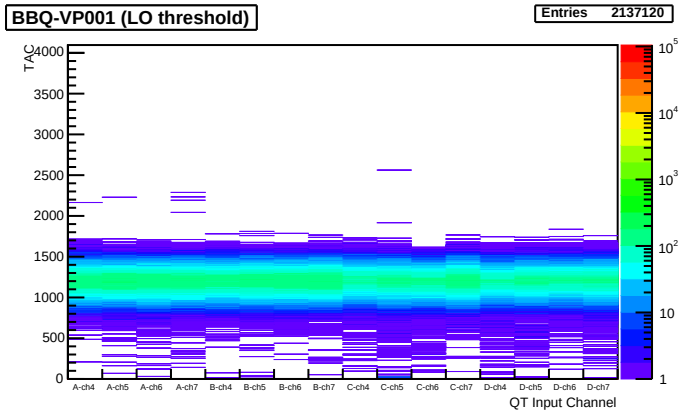

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2137120
ADC
QT Input Channel

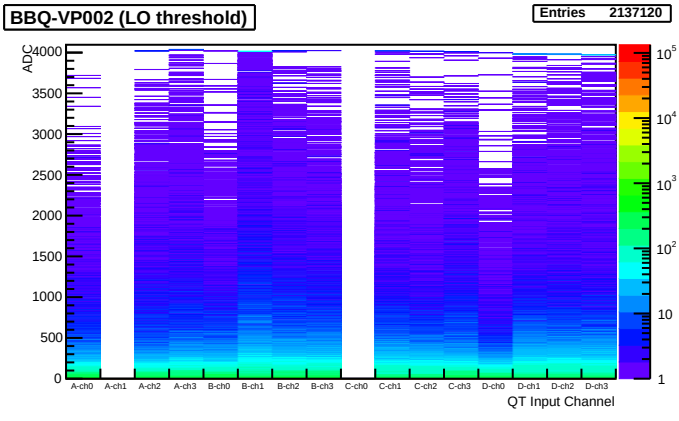

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2137120
TAC
QT Input Channel

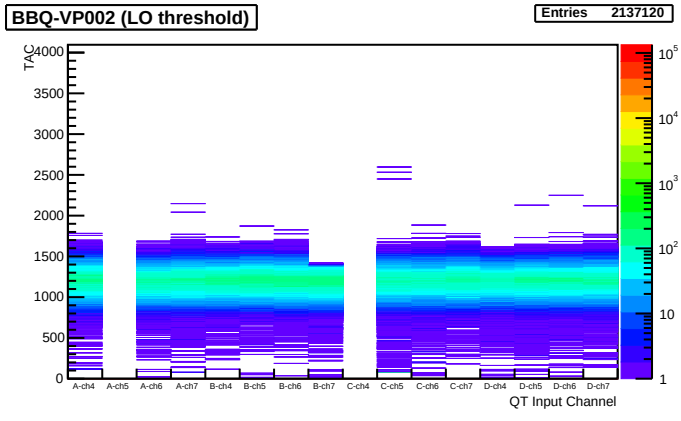

BBQ-ZD001 (ZDC TOWER)
Entries 2137120
ADC

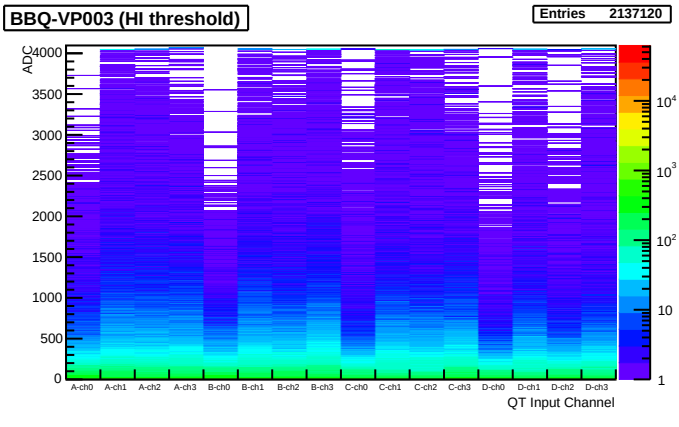

BBQ-ZD001 (ZDC TOWER)
Entries 2137120
TAC

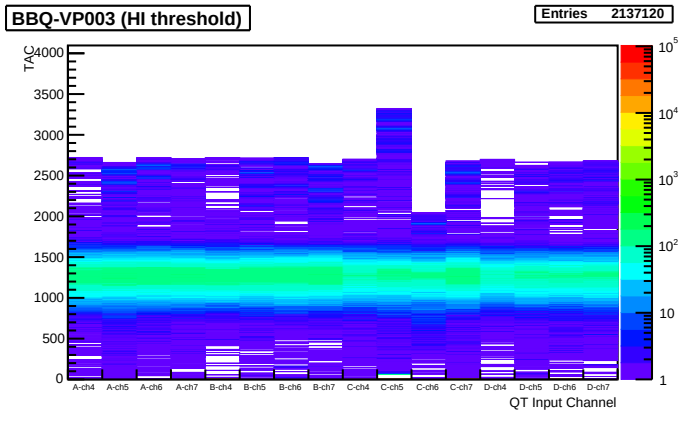

BBQ-VP001 (LO threshold)
Entries 2137120
ADC
QT Input Channel

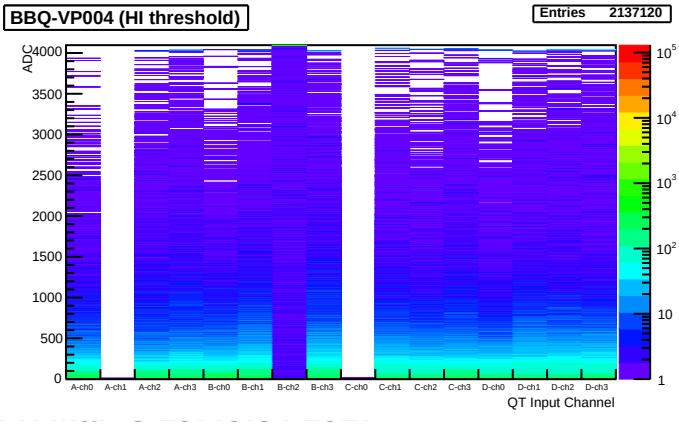

BBQ-VP001 (LO threshold)
Entries 2137120
TAC
QT Input Channel

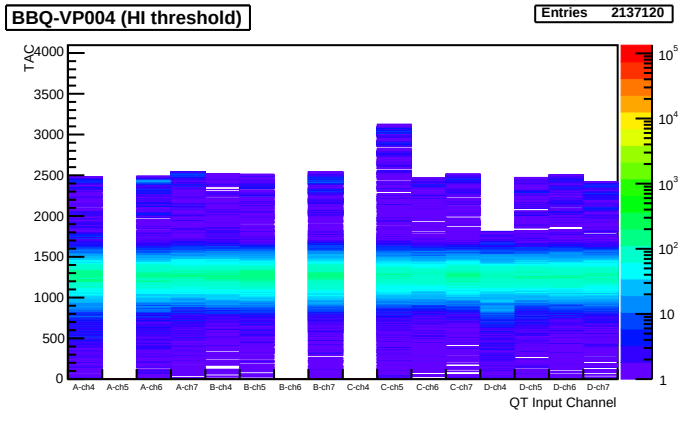

BBQ-VP002 (LO threshold)
Entries 2137120
ADC
QT Input Channel

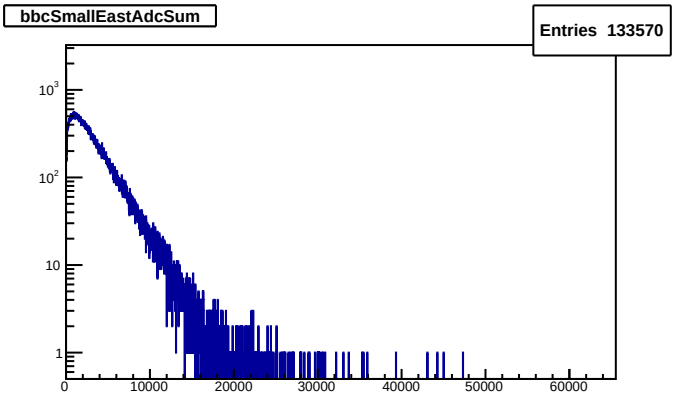

BBQ-VP002 (LO threshold)
Entries 2137120
TAC
QT Input Channel

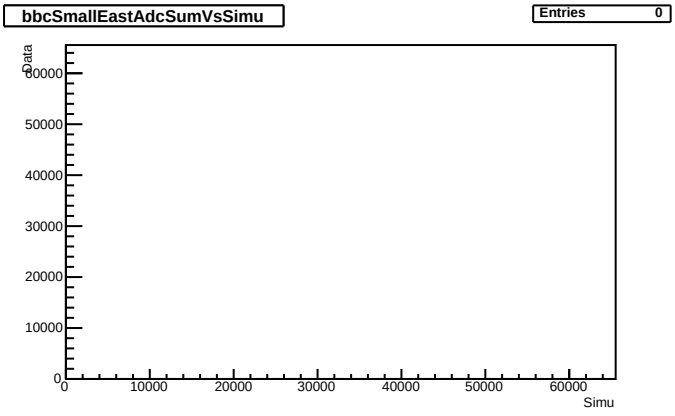

BBQ-VP003 (HI threshold)
Entries 2137120
ADC
QT Input Channel

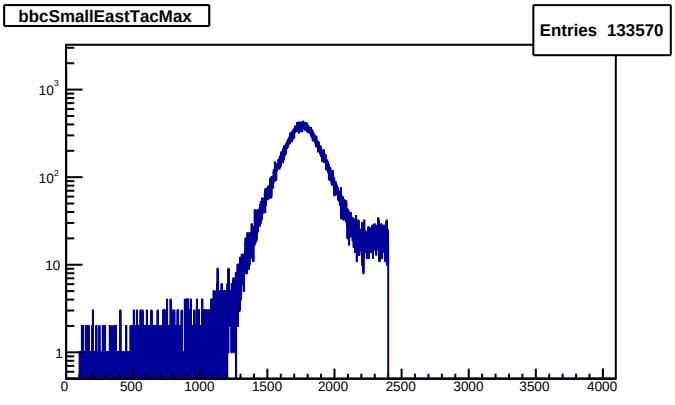

BBQ-VP003 (HI threshold)
Entries 2137120
TAC
QT Input Channel

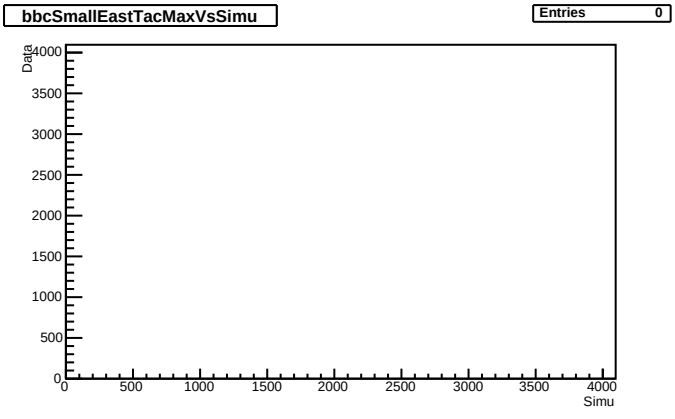

BBQ-VP004 (HI threshold)
Entries 2137120
ADC
QT Input Channel

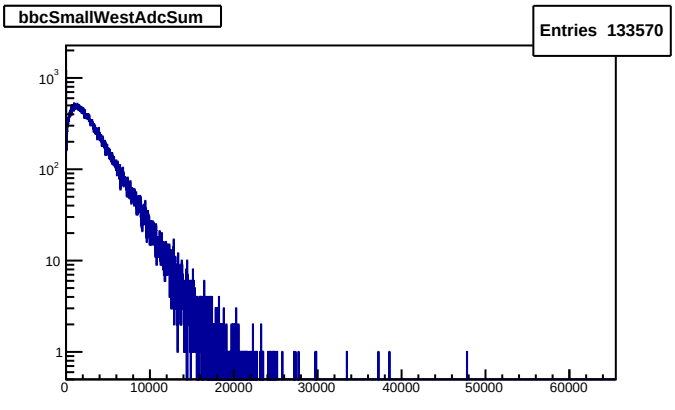

BBQ-VP004 (HI threshold)
Entries 2137120
TAC
QT Input Channel

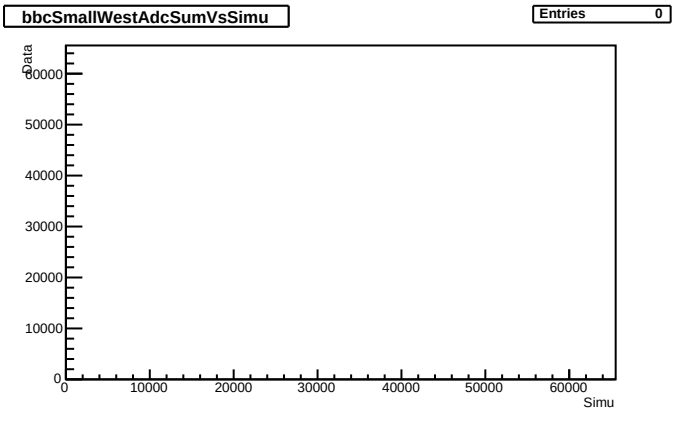

bbcSmallEastAdcSum
Entries 133570

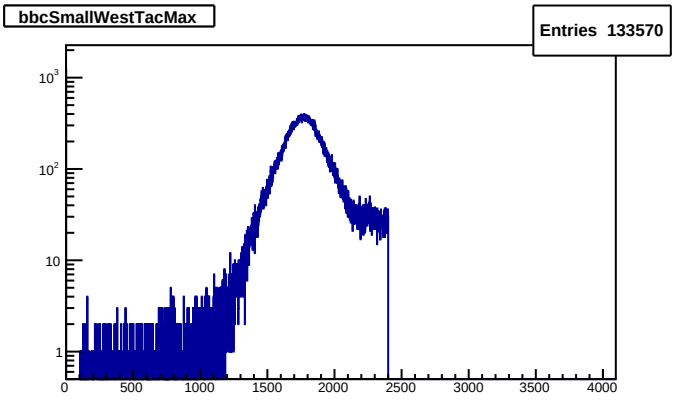

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

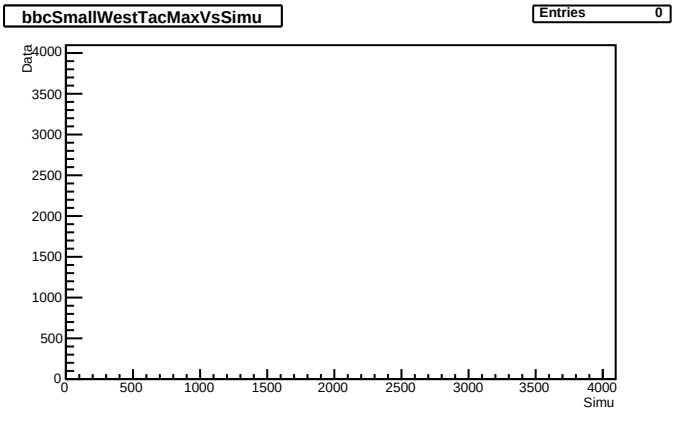

bbcSmallEastTacMax
Entries 133570

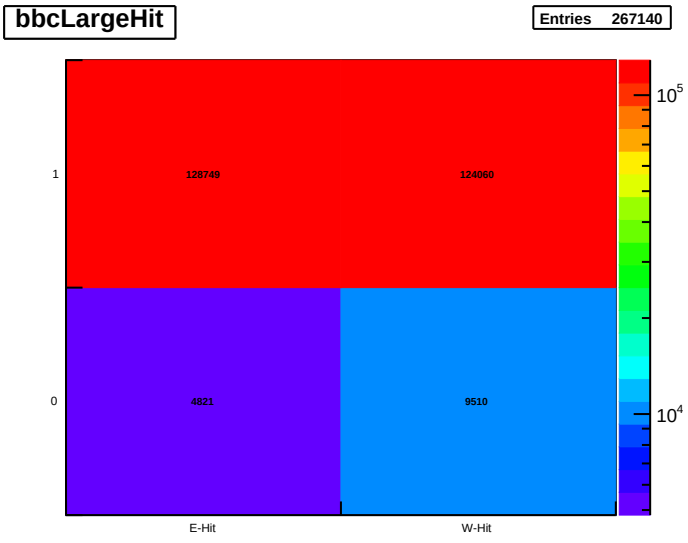

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

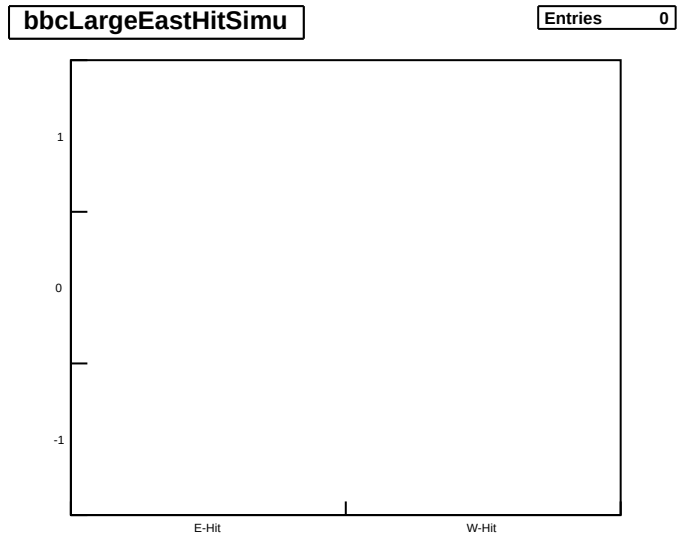

bbcSmallWestAdcSum
Entries 133570

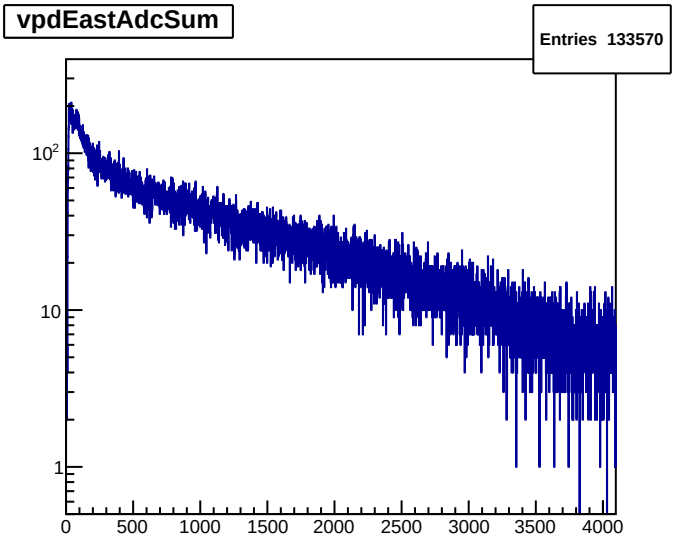

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

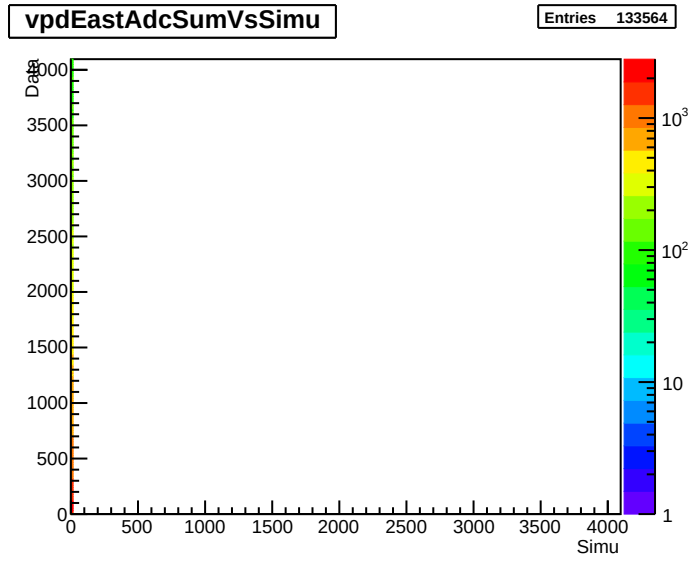

bbcSmallWestTacMax
Entries 133570

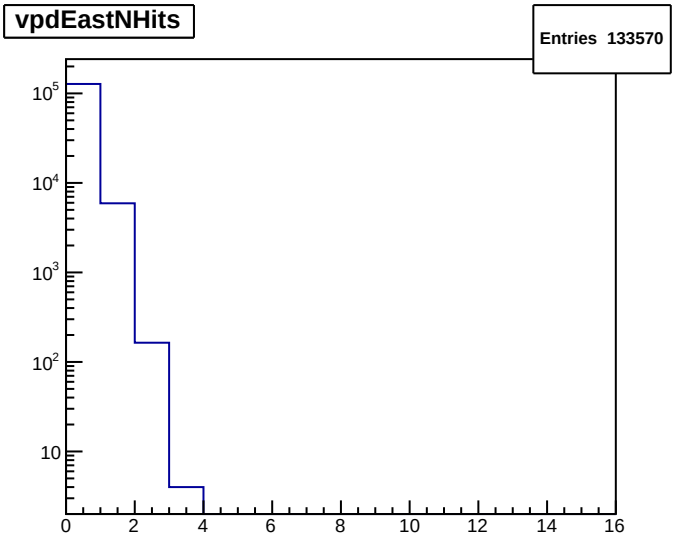

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

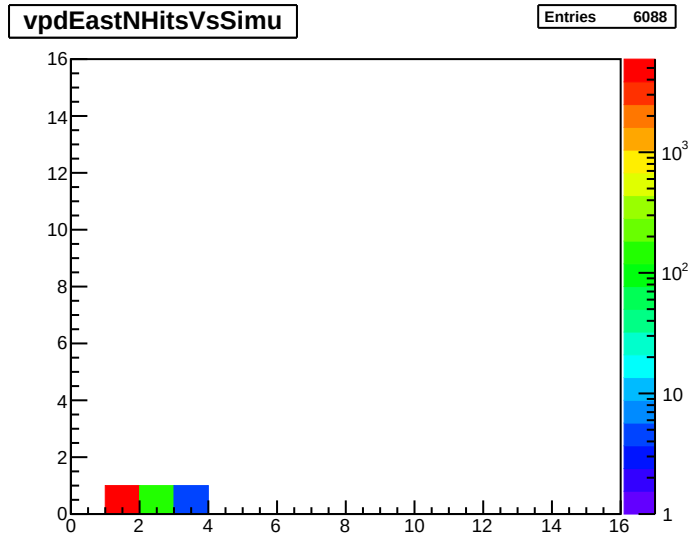

bbcLargeHit
Entries 267140
128749
124060
4821
9510
1
0
E-Hit
W-Hit
10^5
10^4

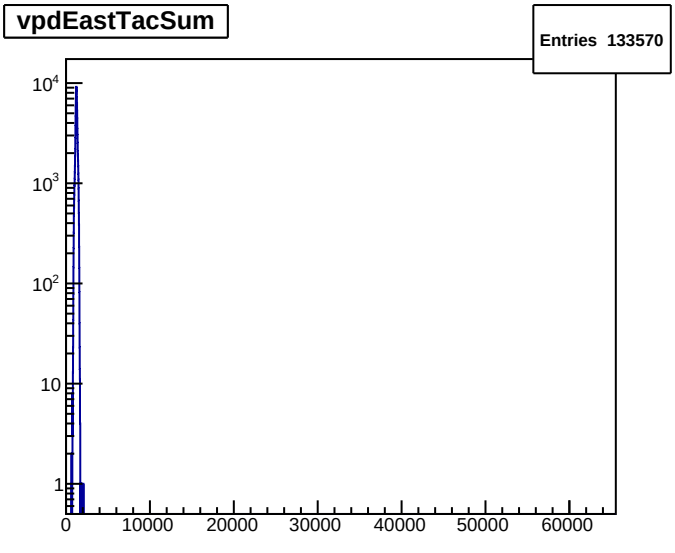

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

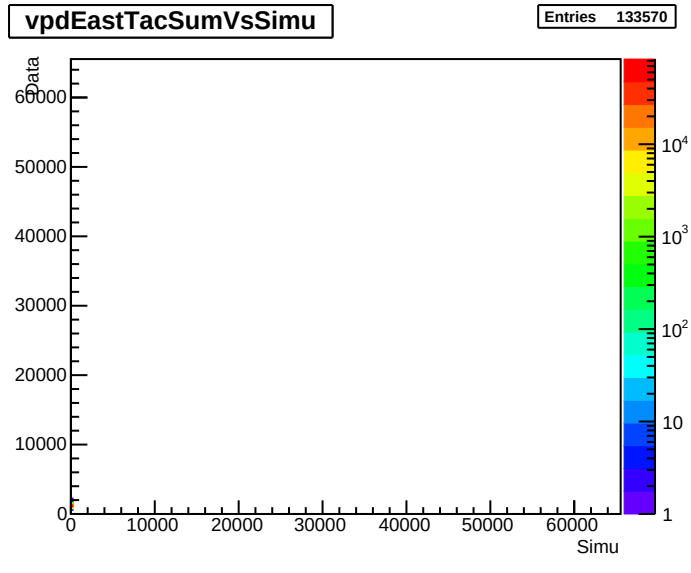

vpdEastAdcSum
Entries 133570

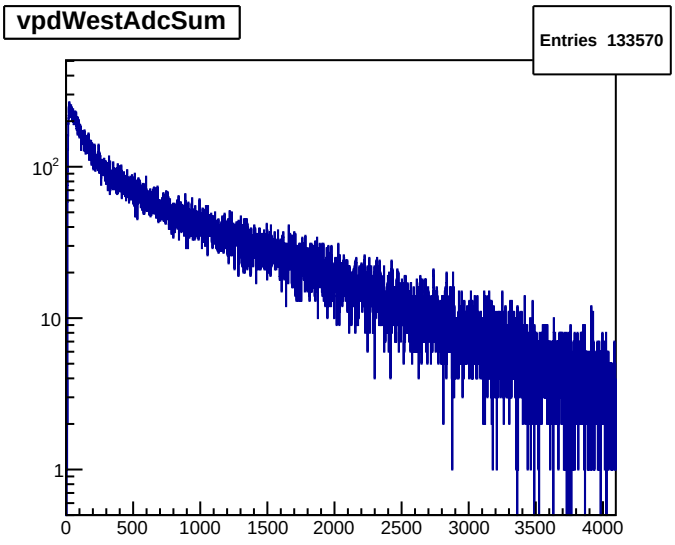

vpdEastAdcSumVsSimu
Entries 133564
Data
Simu

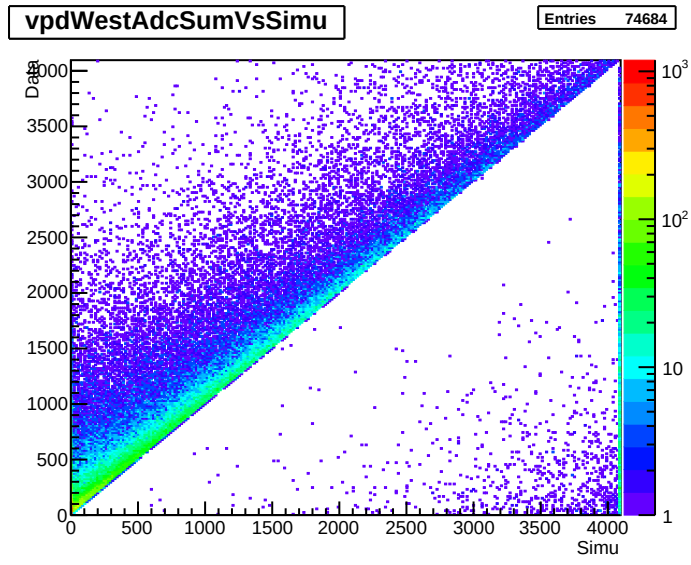

vpdEastNHits
Entries 133570

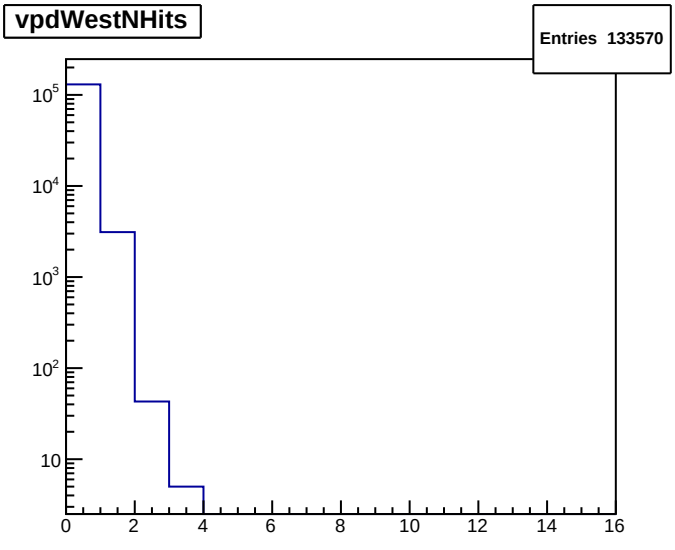

vpdEastNHitsVsSimu
Entries 6088

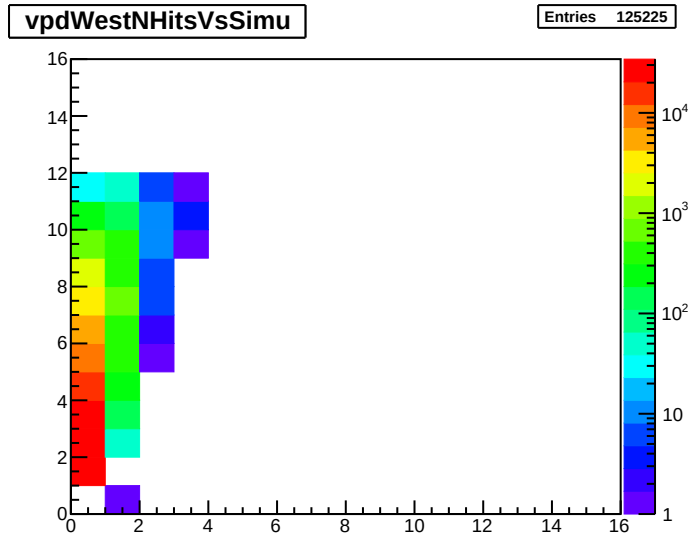

vpdEastTacSum
Entries 133570

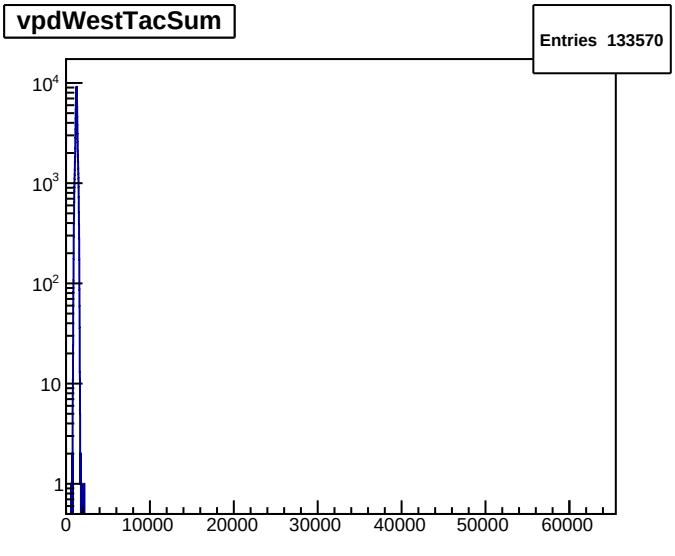

vpdEastTacSumVsSimu
Entries 133570
Data
Simu

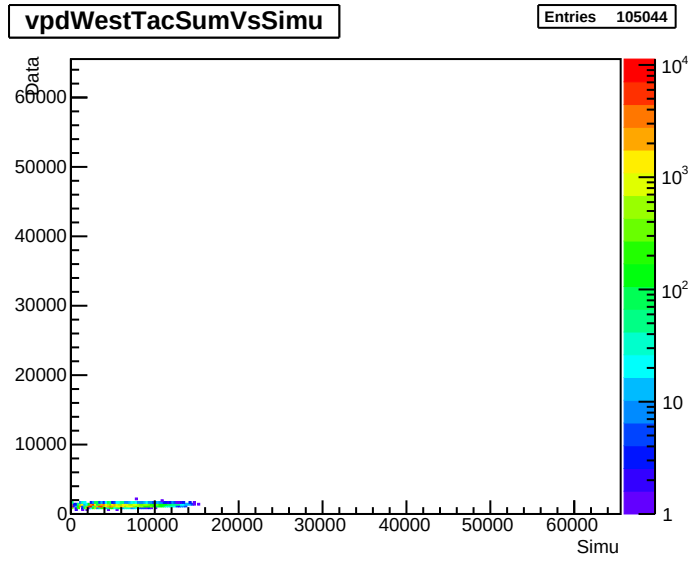

vpdWestAdcSum
Entries 133570

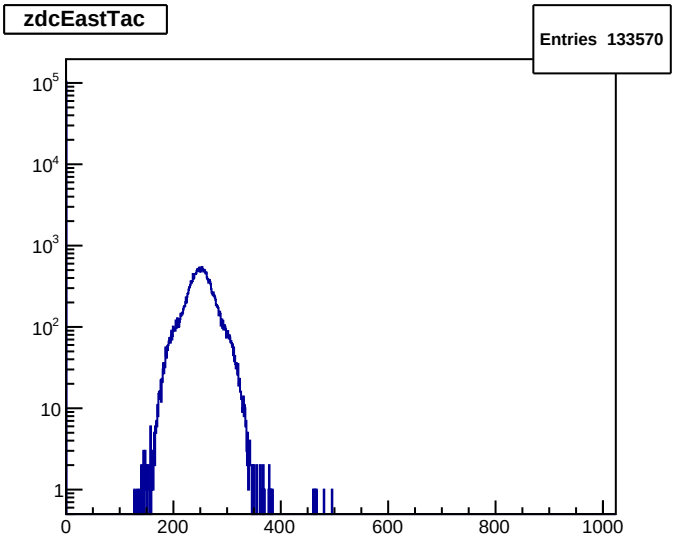

vpdWestAdcSumVsSimu
Entries 74684
Data
Simu

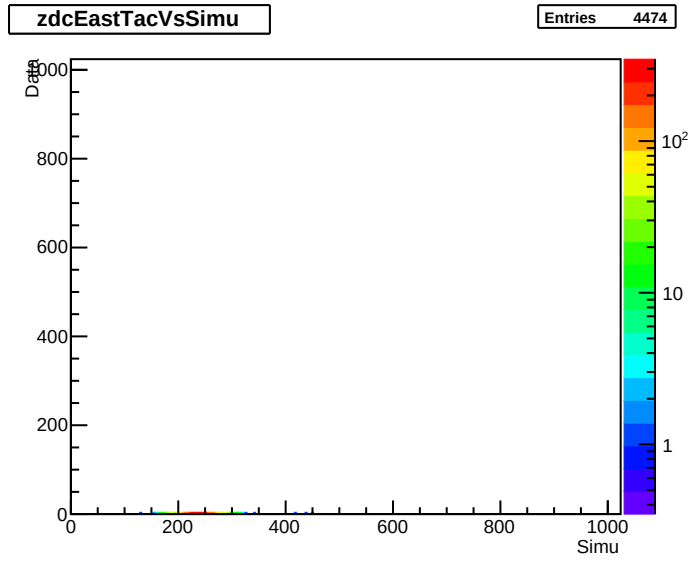

vpdWestNHits
Entries 133570

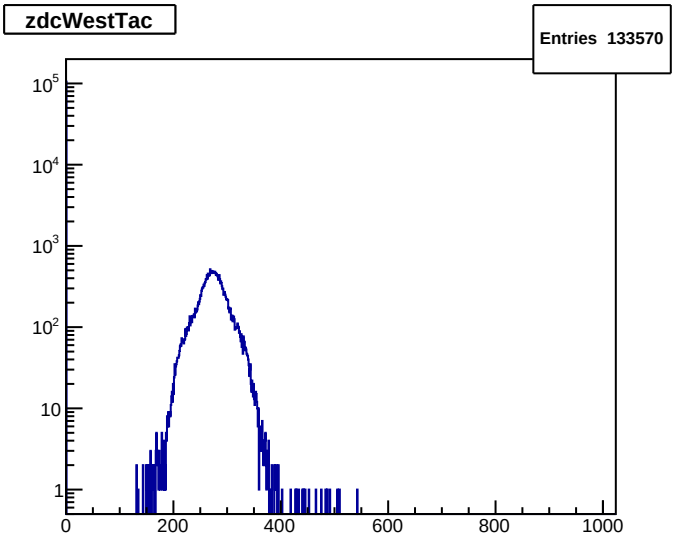

vpdWestNHitsVsSimu
Entries 125225

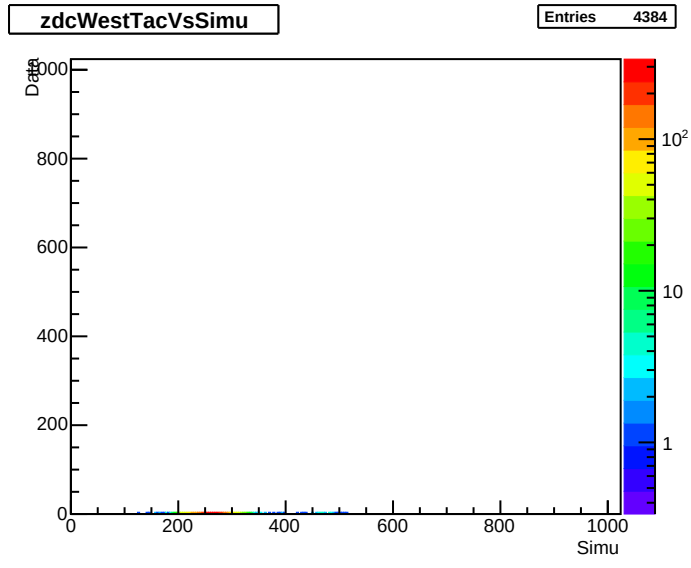

vpdWestTacSum
Entries 133570

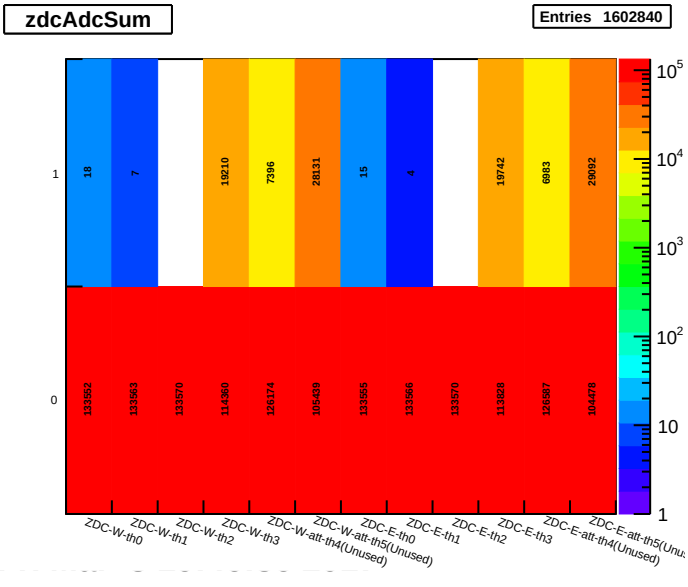

vpdWestTacSumVsSimu
Entries 105044
Data
Simu

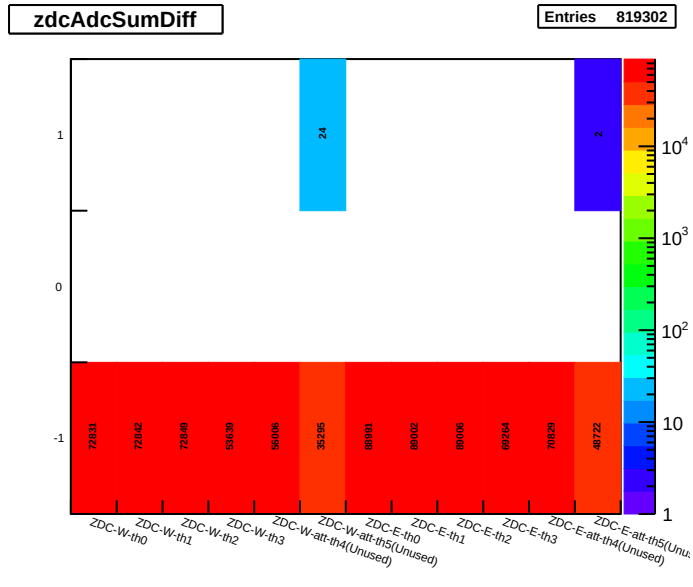

zdcEastTac
Entries 133570

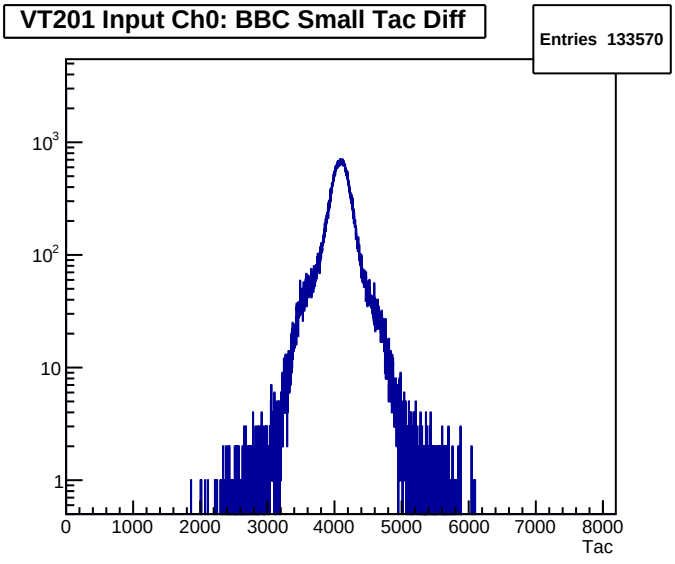

zdcEastTacVsSimu
Entries 4474
Data
Simu

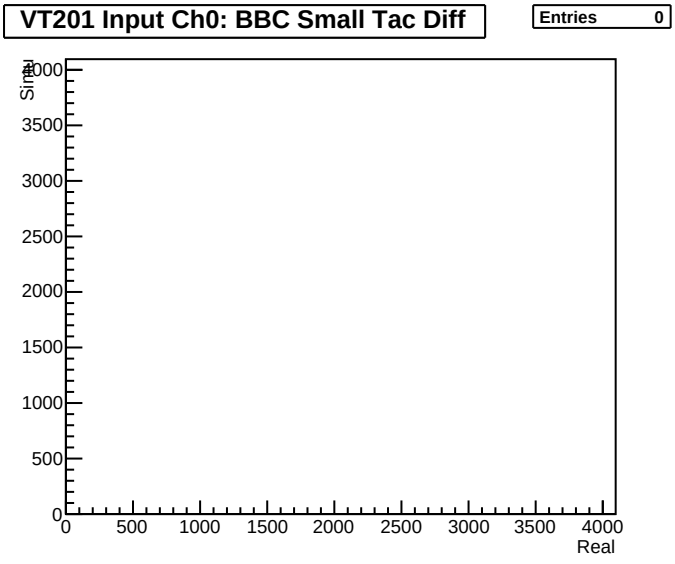

zdcWestTac
Entries 133570

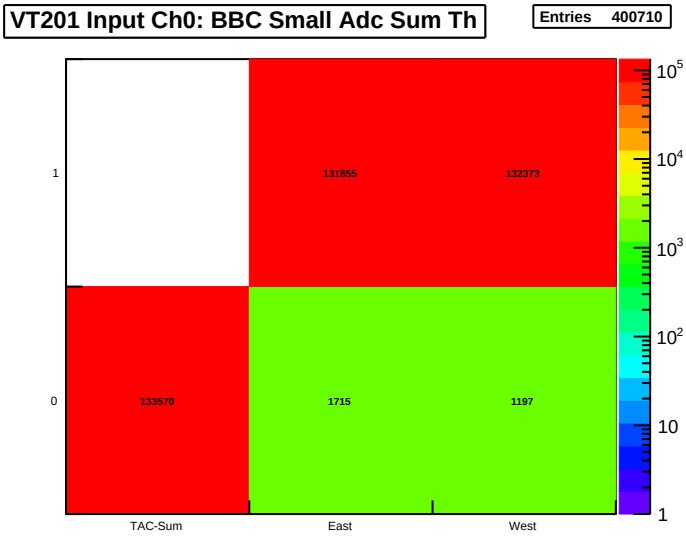

zdcWestTacVsSimu
Entries 4384
Data
Simu

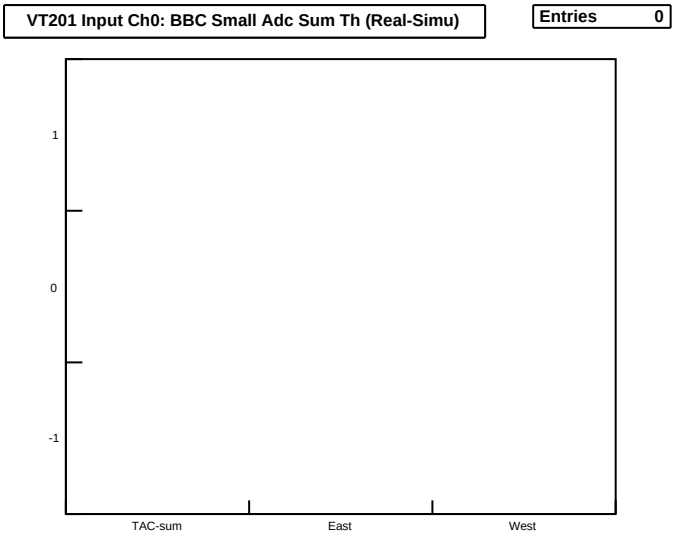

zdcAdcSum
Entries 1602840
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

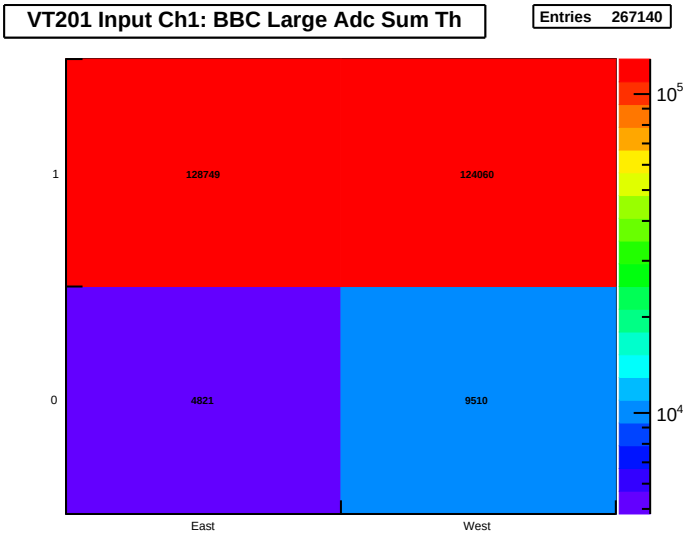

zdcAdcSumDiff
Entries 819302
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

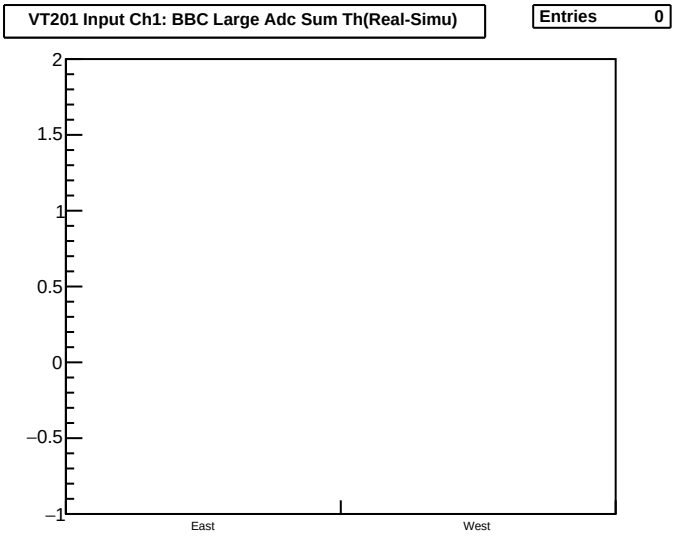

VT201 Input Ch0: BBC Small Tac Diff
Entries 133570
Tac


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

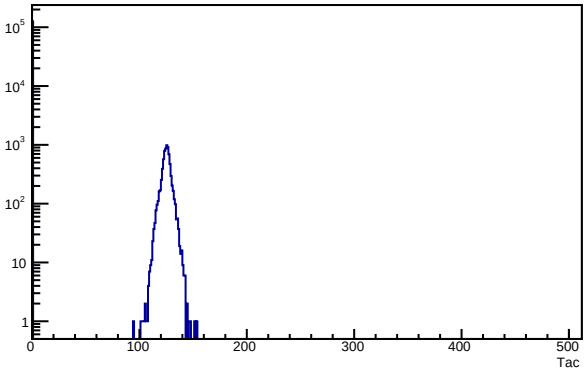

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 400710
131855
132373
133570
1715
1197
TAC-Sum
East
West


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

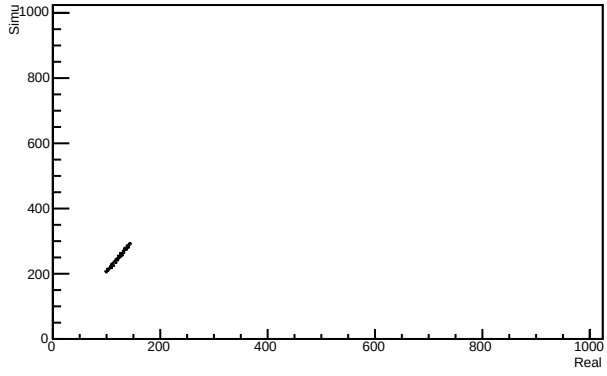

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 267140
128749
124060
4821
9510
East
West


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

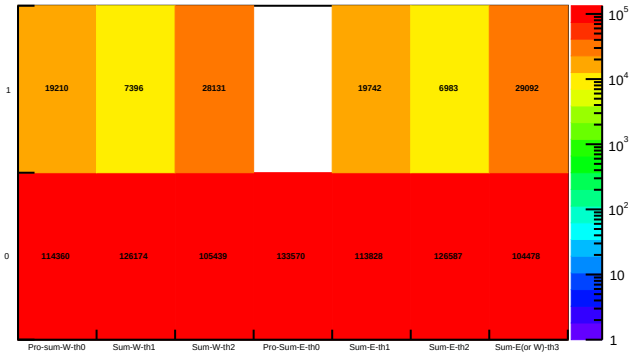
VT201 Input Ch2: ZDC Tac Diff



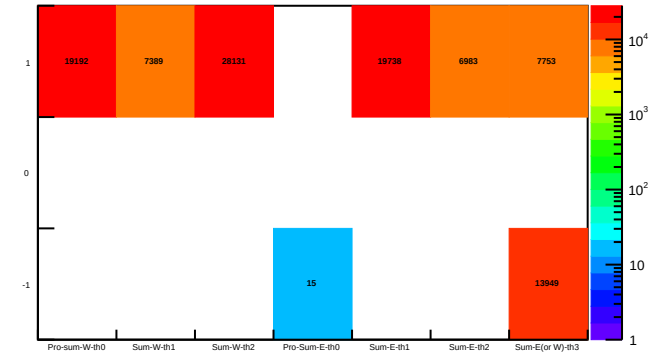
VT201 Input Ch2: ZDC Tac Diff



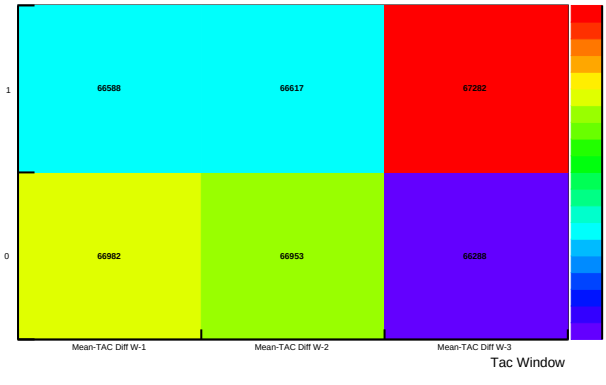
VT201 Input Ch2: ZDC Adc Sum Th



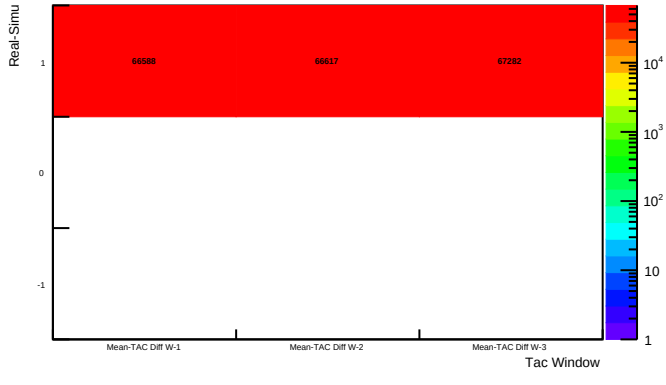
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



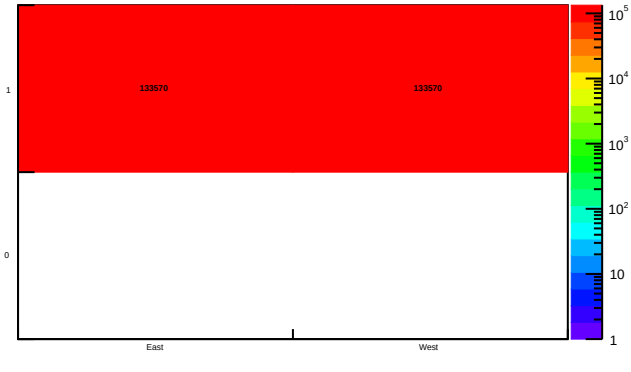
VT201 Input Ch4: VPD Tac Diff



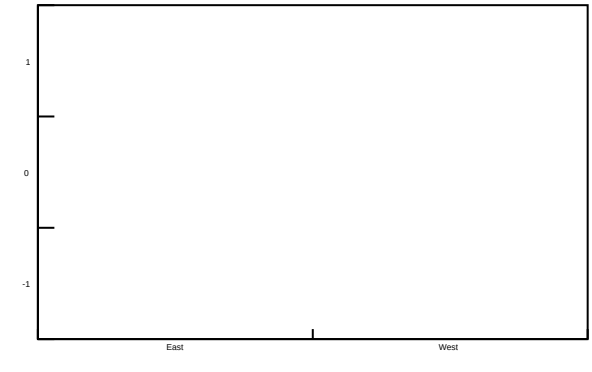
VT201 Input Ch4: VPD Tac Diff

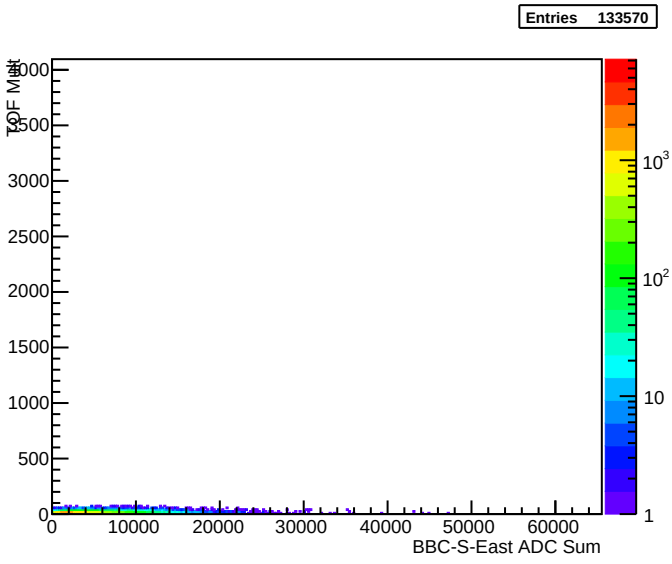


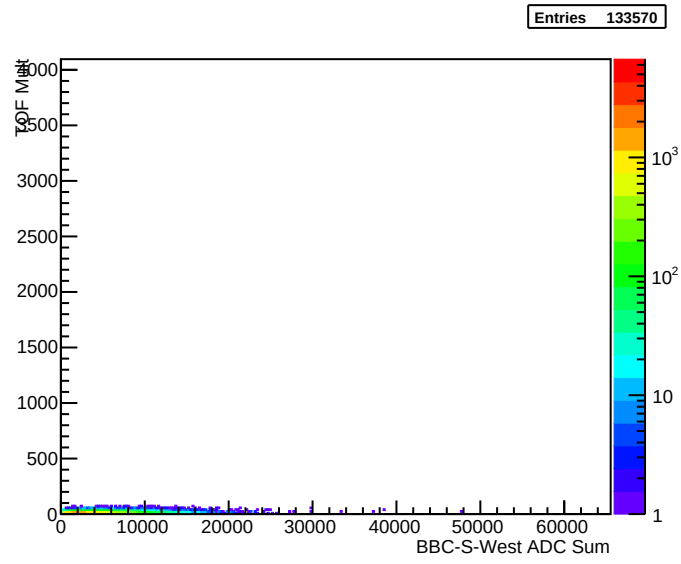
VT201 Input Ch4: VPD Adc Sum Th

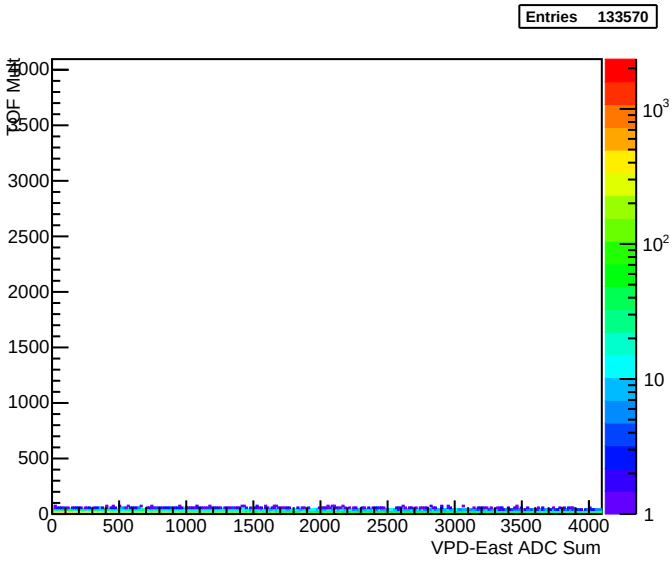


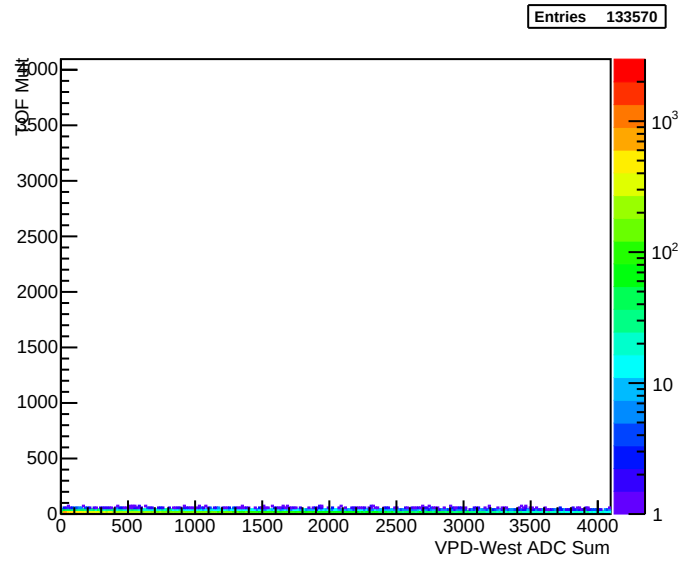
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

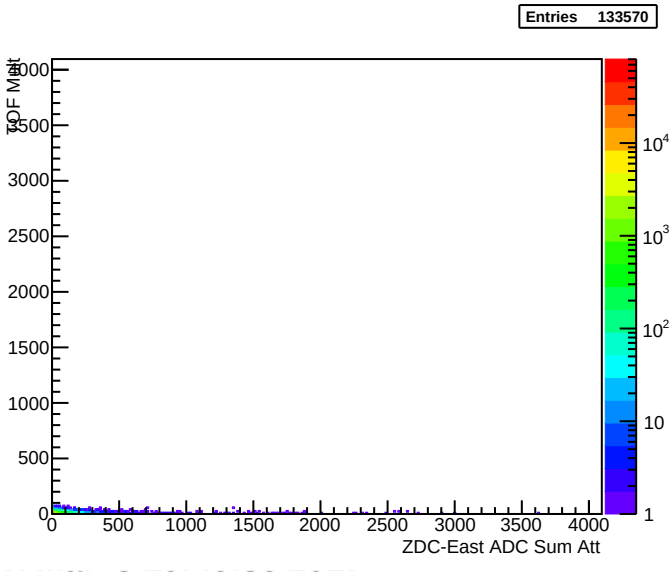


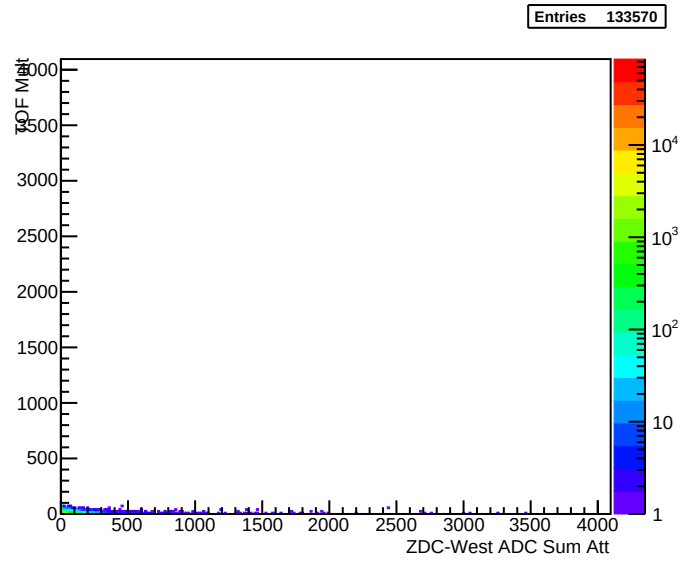

Entries 133570
TOF Mult
BBC-S-East ADC Sum

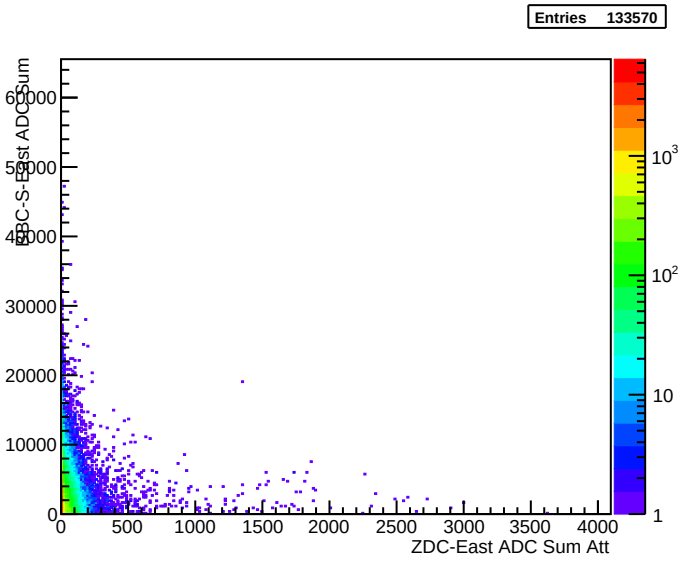

Entries 133570
TOF Mult
BBC-S-West ADC Sum

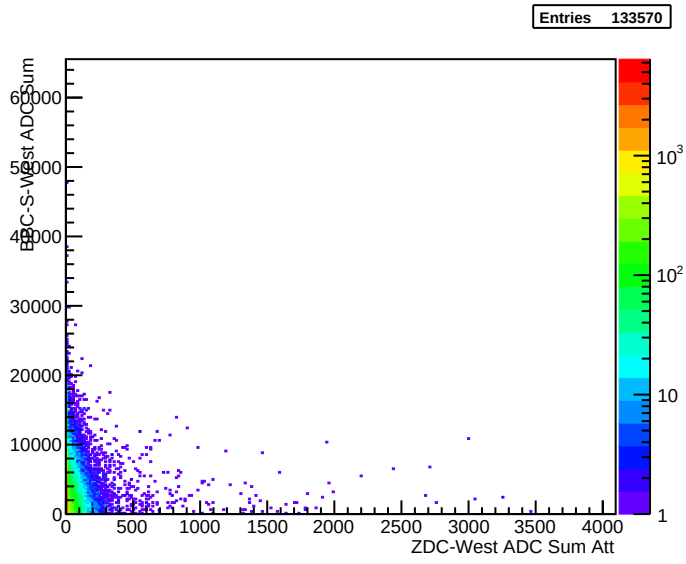

Entries 133570
TOF Mult
VPD-East ADC Sum

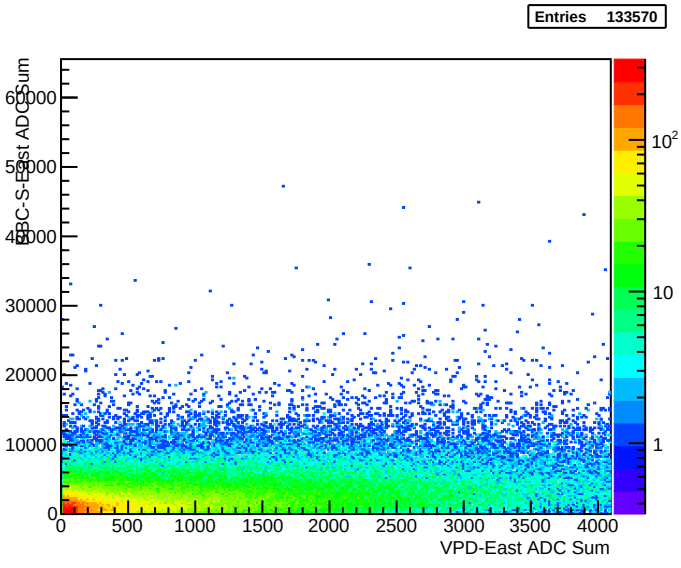

Entries 133570
TOF Mult
VPD-West ADC Sum

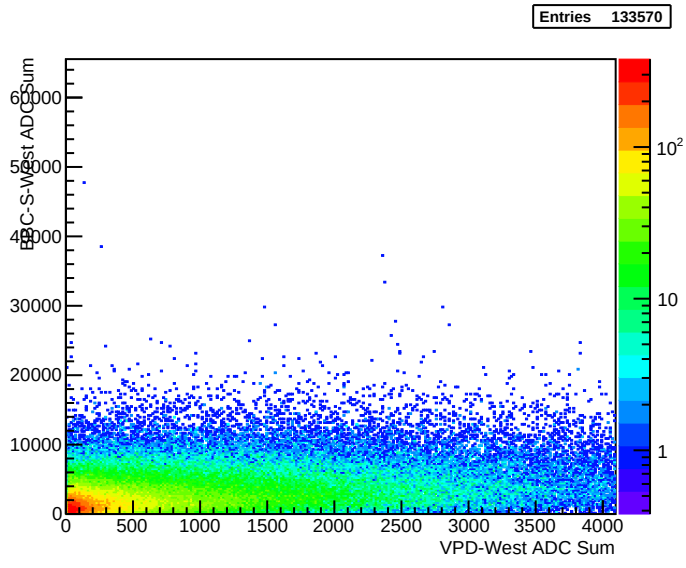

Entries 133570
TOF Mult
ZDC-East ADC Sum Att

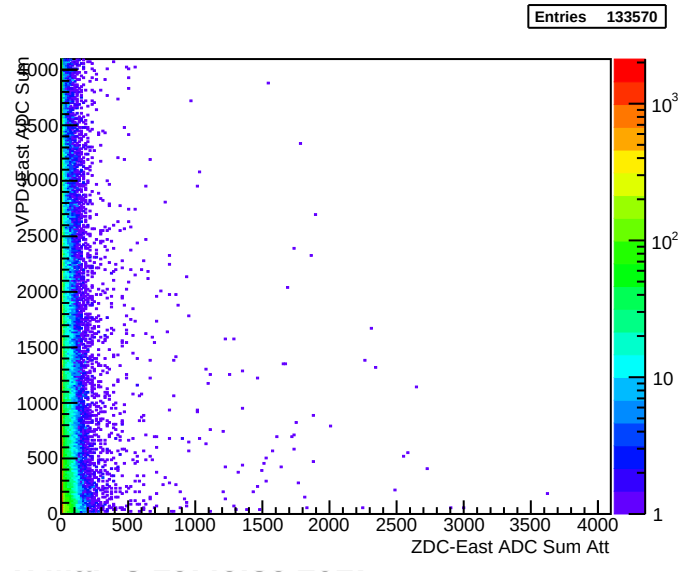

Entries 133570
TOF Mult
ZDC-West ADC Sum Att

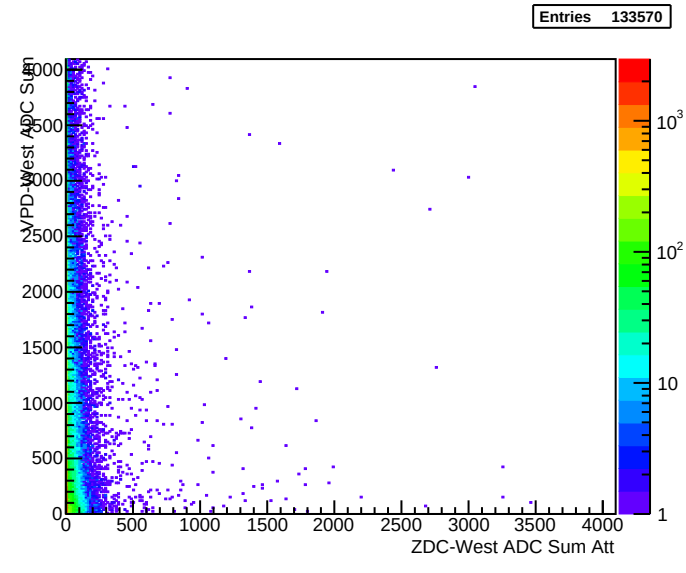

Entries 133570
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

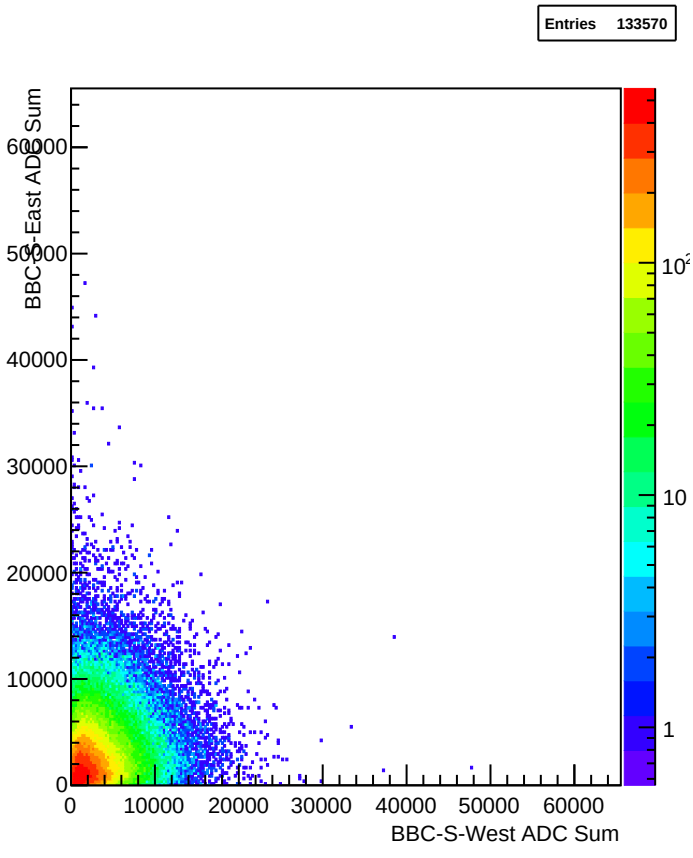

Entries 133570
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

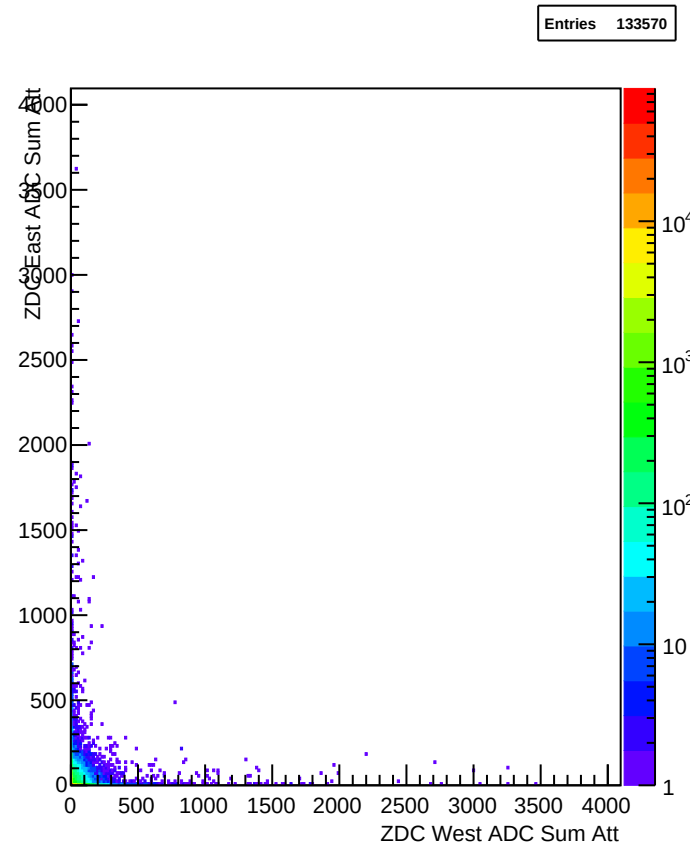

Entries 133570
BBC-S-East ADC Sum
VPD-East ADC Sum

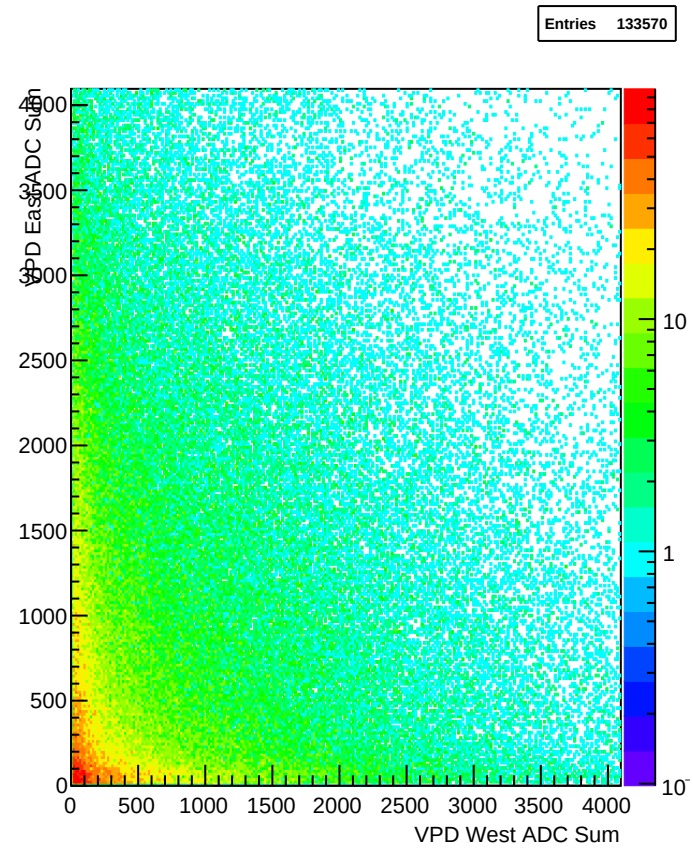

Entries 133570
BBC-S-West ADC Sum
VPD-West ADC Sum

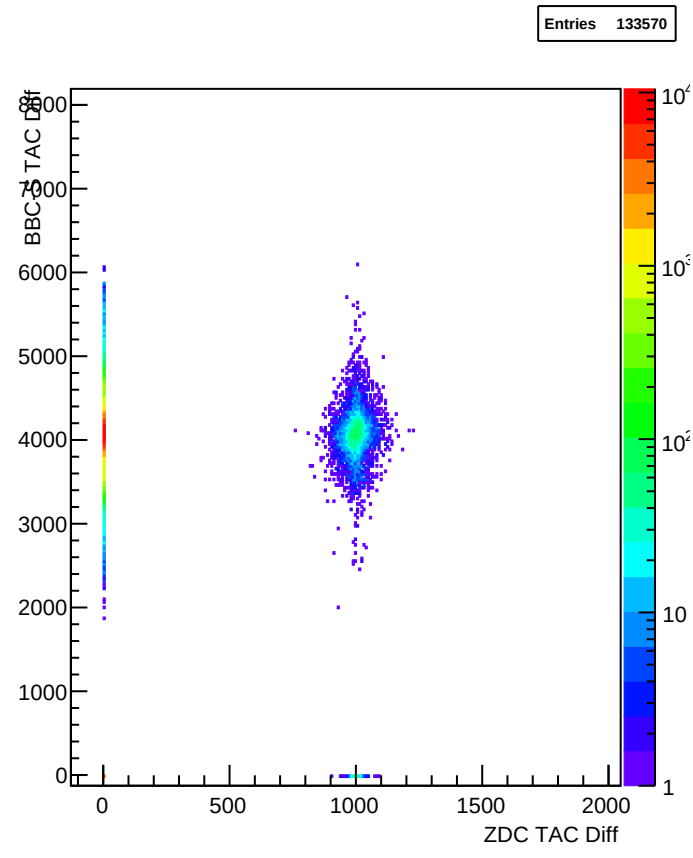

Entries 133570
VPD-East ADC Sum
ZDC-East ADC Sum Att

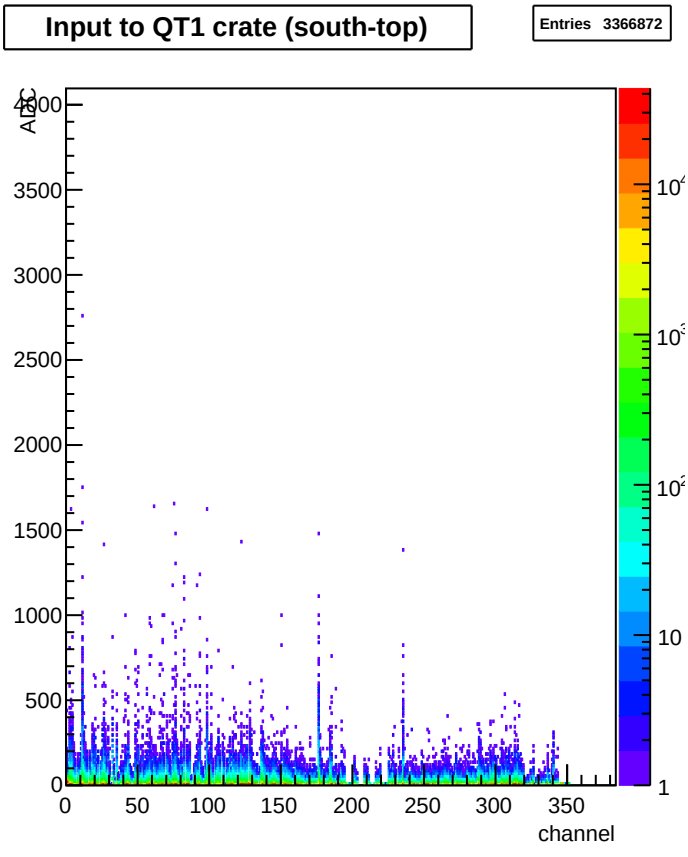

Entries 133570
VPD-West ADC Sum
ZDC-West ADC Sum Att

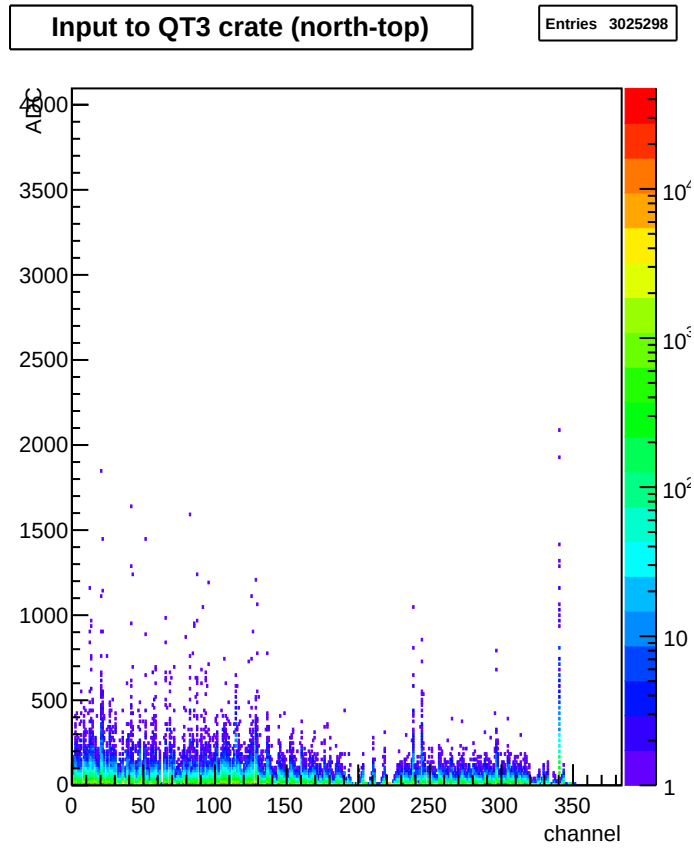

Entries 133570
BBC-S-East ADC Sum
BBC-S-West ADC Sum

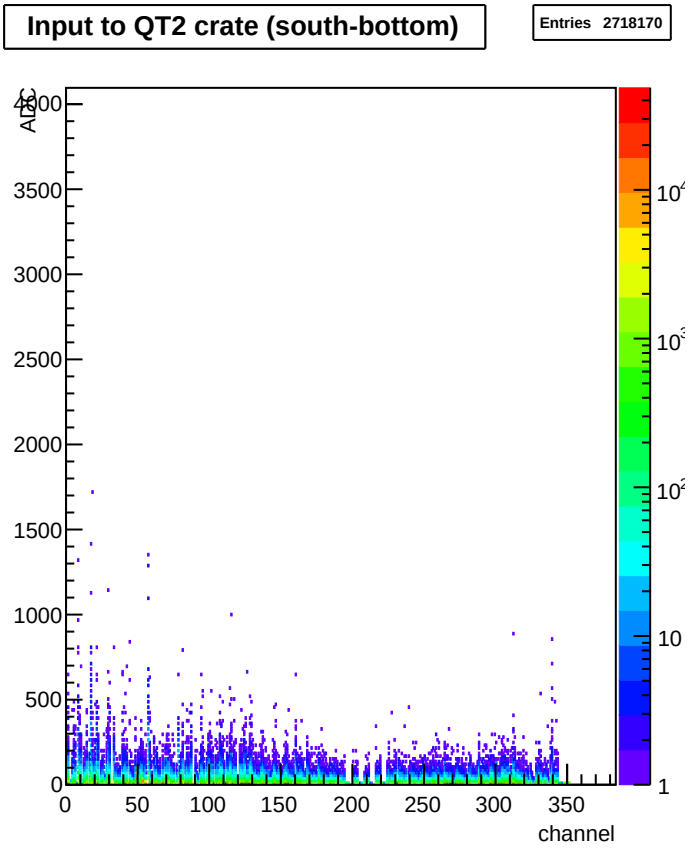

Entries 133570
ZDC East ADC Sum Att
ZDC West ADC Sum Att

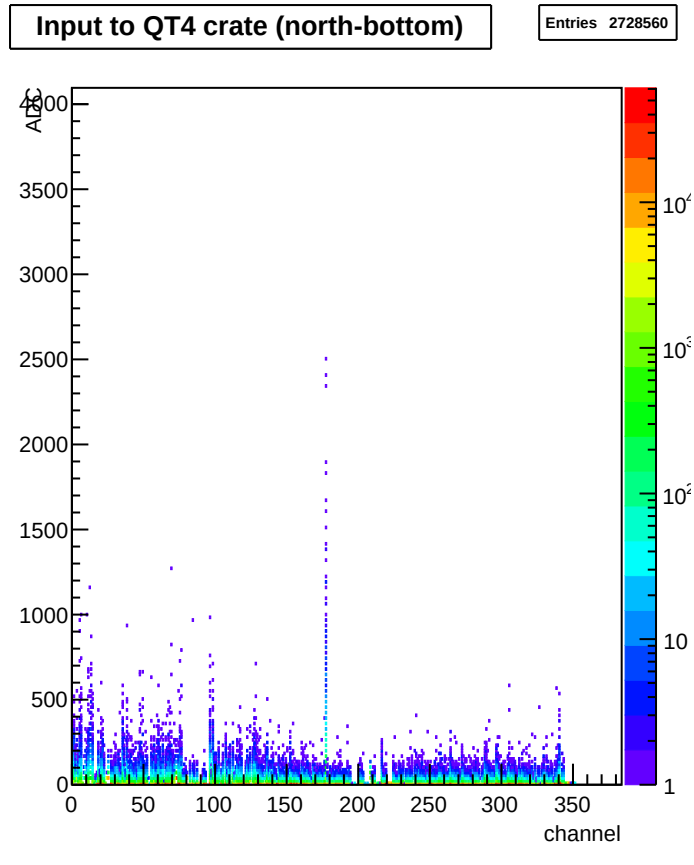

Entries 133570
VPD East ADC Sum
VPD West ADC Sum

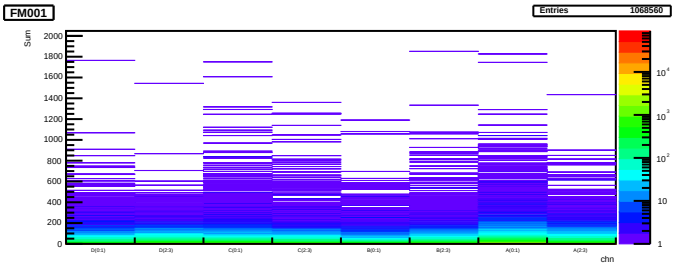

Entries 133570
BBC-S TAC Diff
ZDC TAC Diff

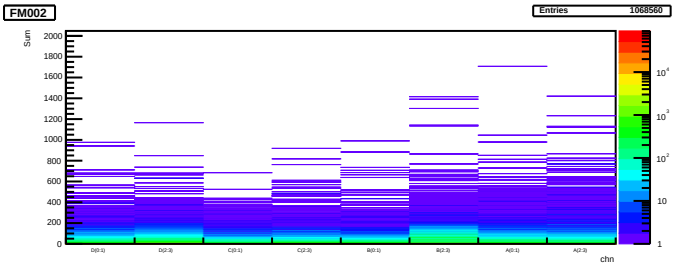

Input to QT1 crate (south-top)
Entries 3366872
ADC
channel

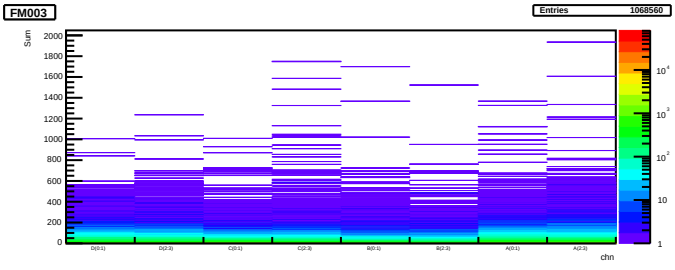

Input to QT3 crate (north-top)
Entries 3025298
ADC
channel

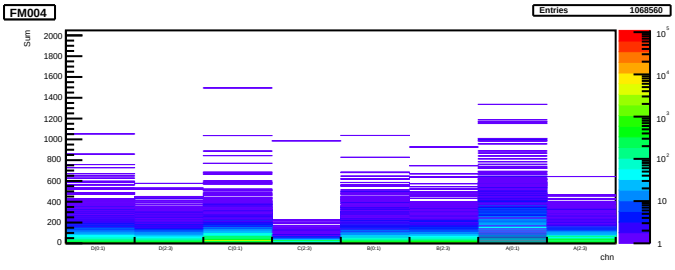

Input to QT2 crate (south-bottom)
Entries 2718170
ADC
channel

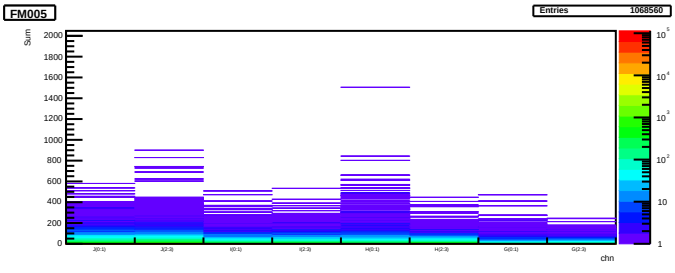

Input to QT4 crate (north-bottom)
Entries 2728560
ADC
channel

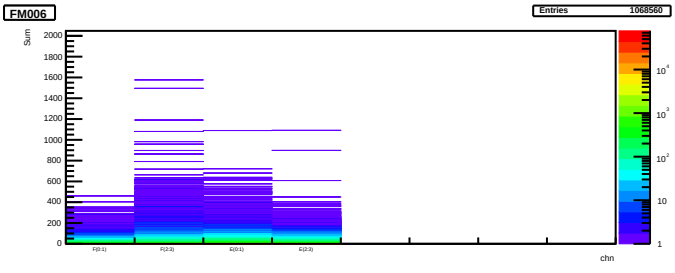

FM001
Entries 1068560
Sum
chn

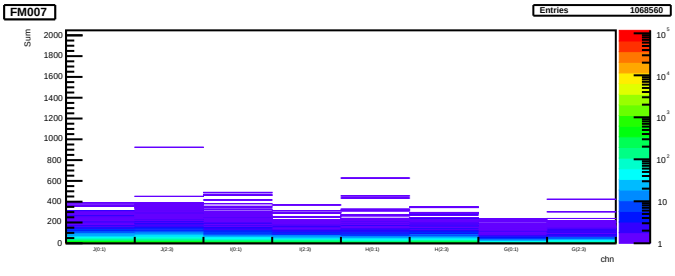

FM002
Entries 1068560
Sum
chn

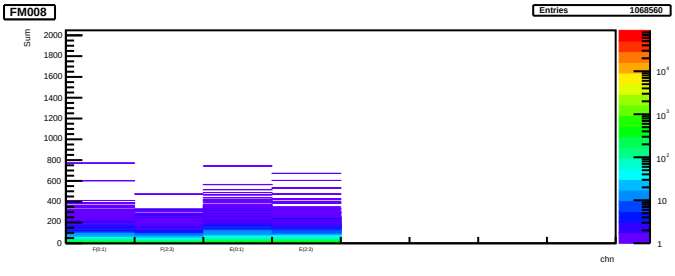

FM003
Entries 1068560
Sum
chn

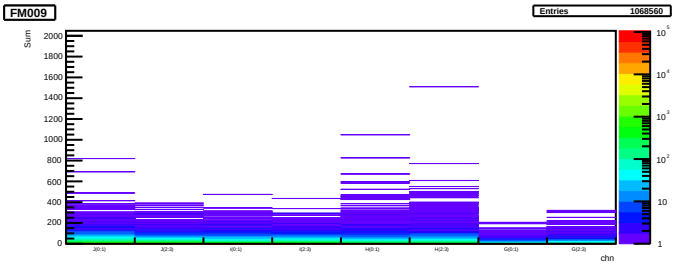

FM004
Entries 1068560
Sum
chn

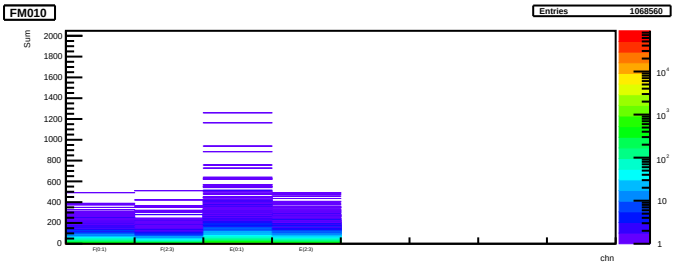

FM005
Entries 1068560
Sum
chn

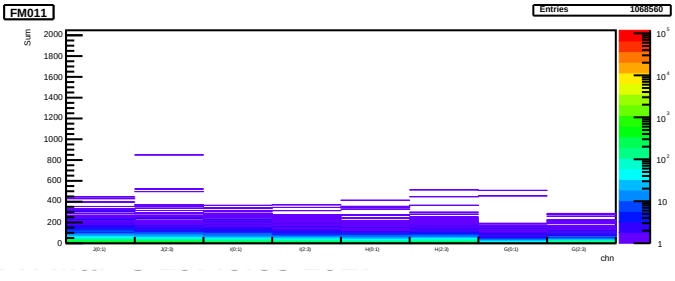

FM006
Entries 1068560
Sum
chn

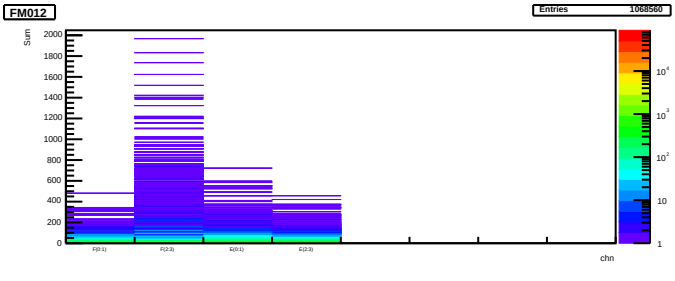

FM007
Entries 1068560
Sum
chn

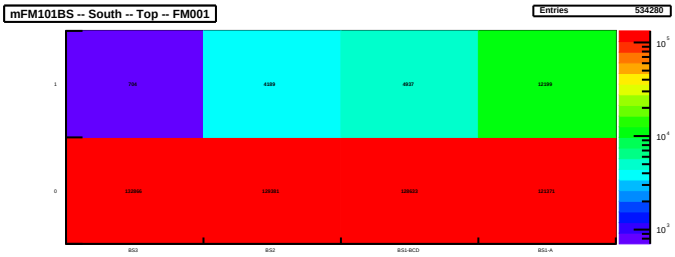

FM008
Entries 1068560
Sum
chn

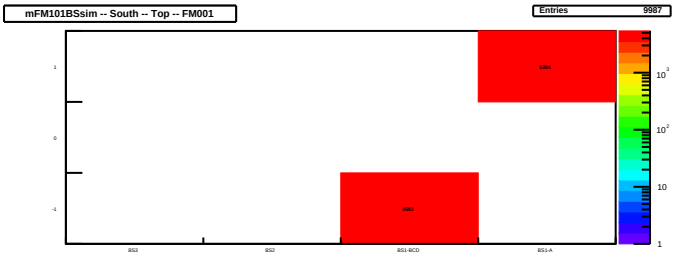

FM009
Entries 1068560
Sum
chn

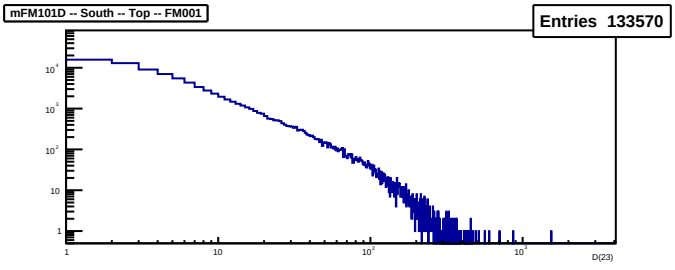

FM010
Entries 1068560
Sum
chn

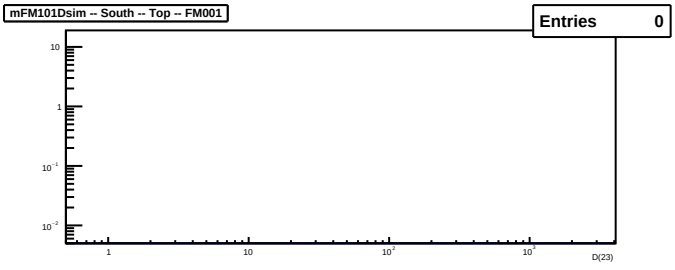

FM011
Entries 1068560
Sum
chn

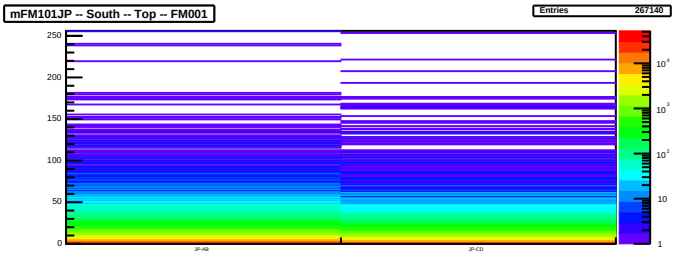

FM012
Entries 1068560
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 534280
754
4189
4937
12189
132866
129391
128623
121373
BS3
BS2
BS1-BCD
BS1-A

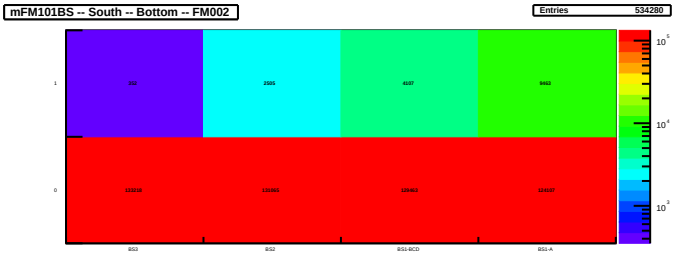

mFM101BSsim -- South -- Top -- FM001
Entries 9987
5364
4593
BS3
BS2
BS1-BCD
BS1-A

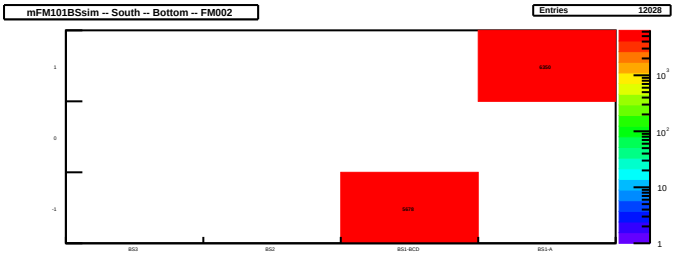

mFM101D -- South -- Top -- FM001
Entries 133570
D(23)

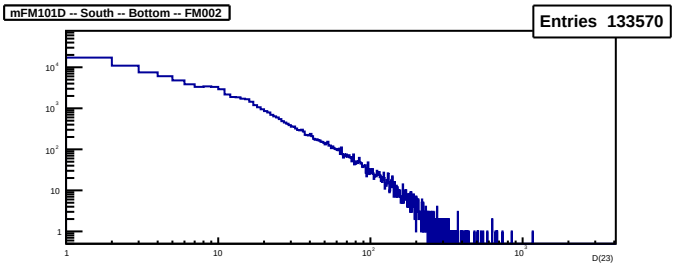

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

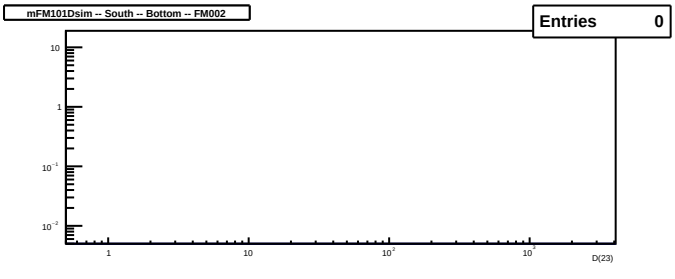

mFM101JP -- South -- Top -- FM001
Entries 267140
JP-AB
JP-CD

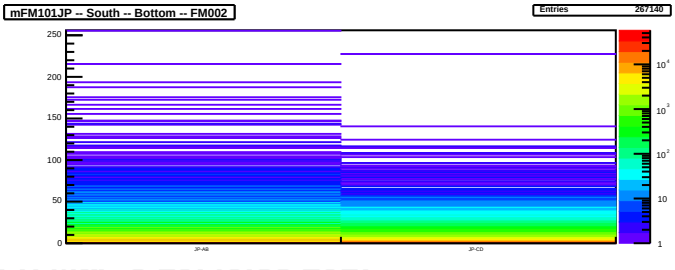
mFM101JPsim -- South -- Top -- FM001
Entries 0
JP-AB
JP-CD

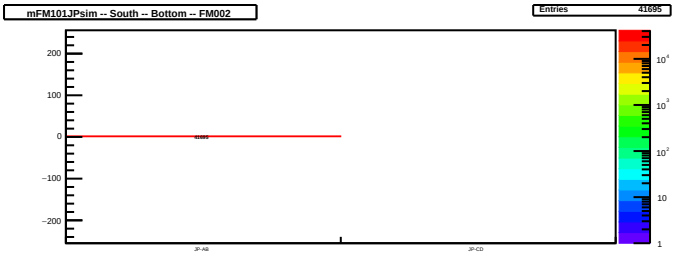

mFM101BS -- South -- Bottom -- FM002
Entries 534280
752
2985
4187
8463
132218
131065
129463
124107
BS3
BS2
BS1-BCD
BS1-A

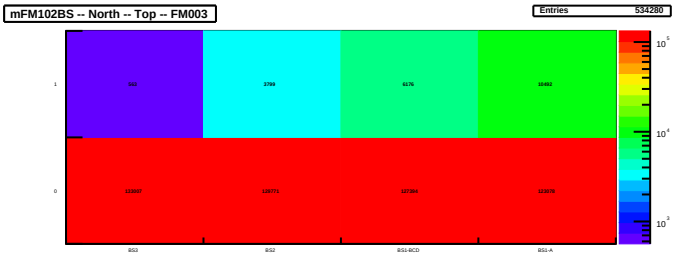

mFM101BSsim -- South -- Bottom -- FM002
Entries 12028
6350
5678
BS3
BS2
BS1-BCD
BS1-A

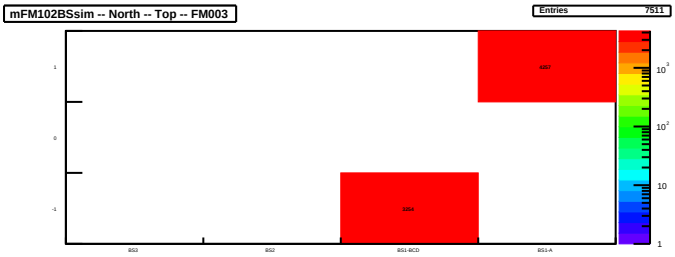

mFM101D -- South -- Bottom -- FM002
Entries 133570
D(23)

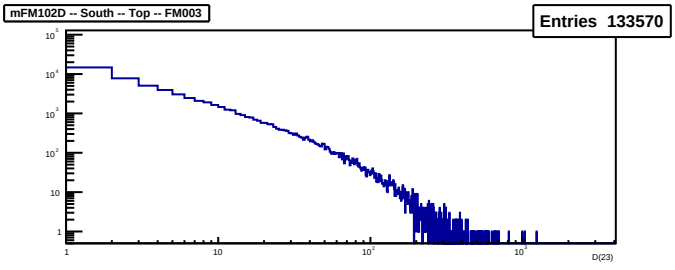

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

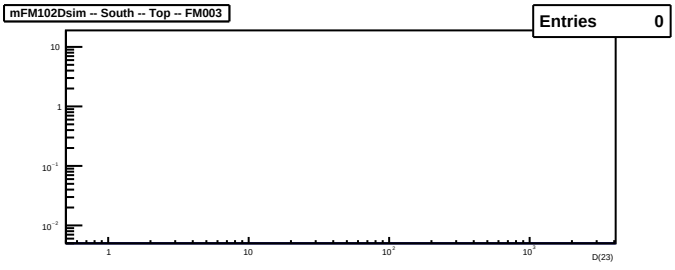

mFM101JP -- South -- Bottom -- FM002
Entries 267140
JP-AB
JP-CD

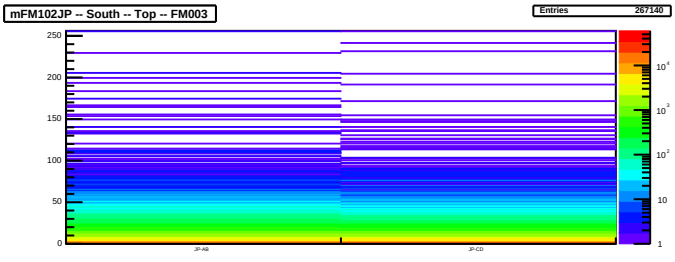

mFM101JPsim -- South -- Bottom -- FM002
Entries 41695
41695
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 534280

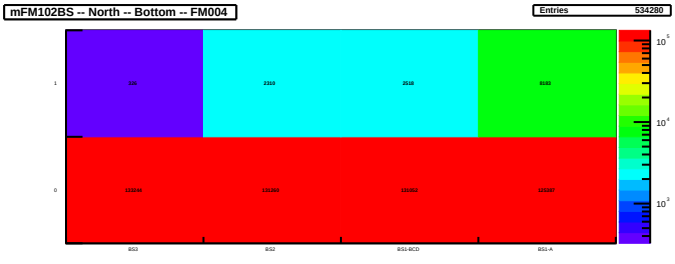

mFM102BSsim -- North -- Top -- FM003
Entries 7511

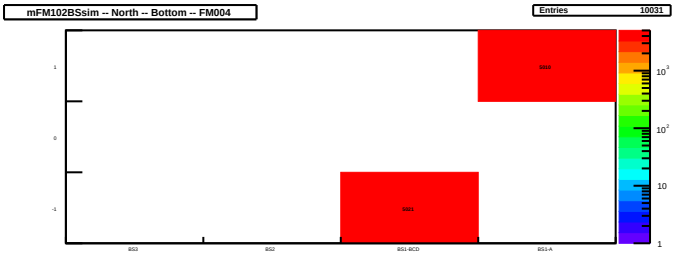

mFM102D -- South -- Top -- FM003
Entries 133570
D(23)

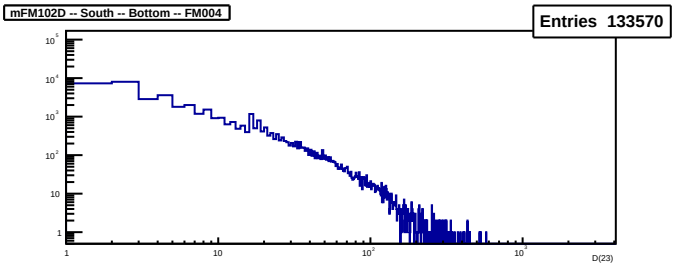

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

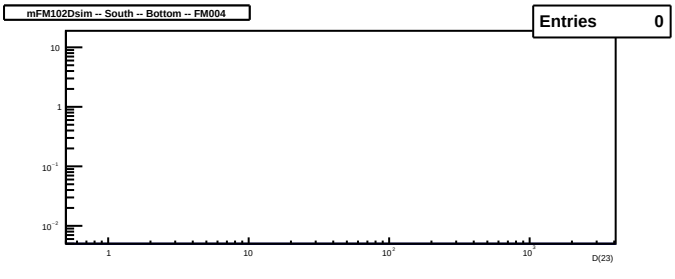

mFM102JP -- South -- Top -- FM003
Entries 267140

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


mFM102BS -- North -- Bottom -- FM004
Entries 534280


mFM102BSsim -- North -- Bottom -- FM004
Entries 10031


mFM102D -- South -- Bottom -- FM004
Entries 133570
D(23)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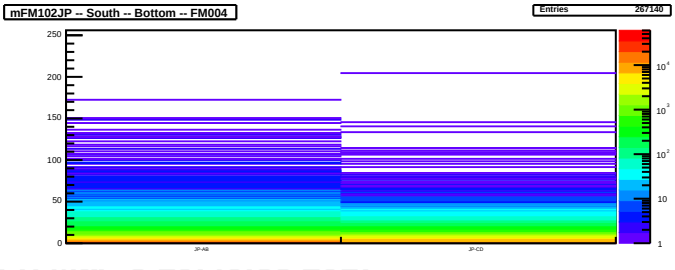
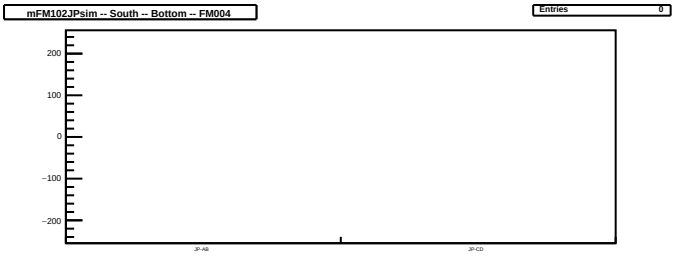
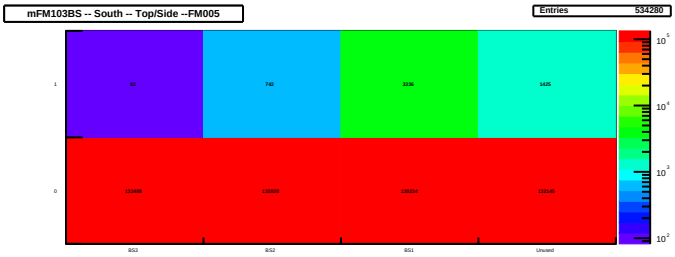
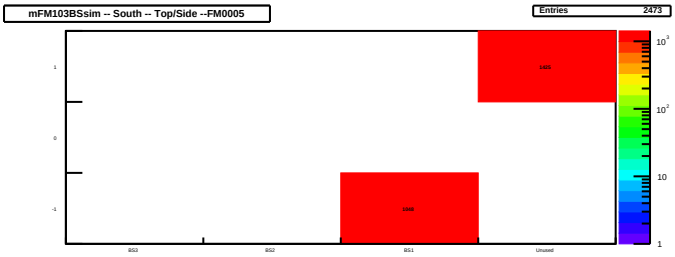
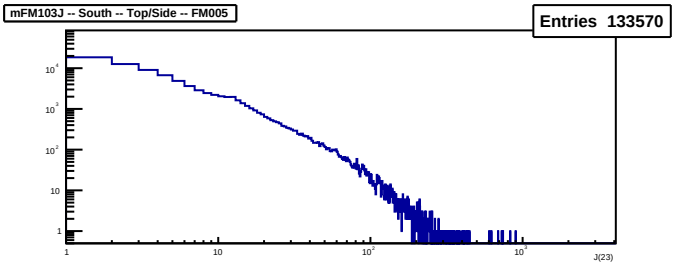
Entries 0
D(23)

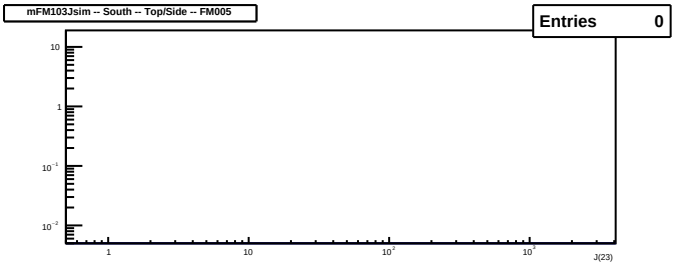

mFM102JP -- South -- Bottom -- FM004
Entries 267140

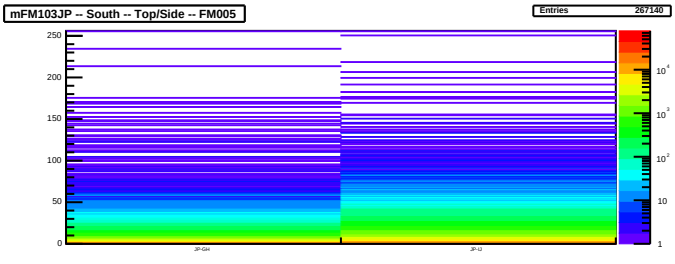

mFM102JPsim -- South -- Bottom -- FM004
Entries 0

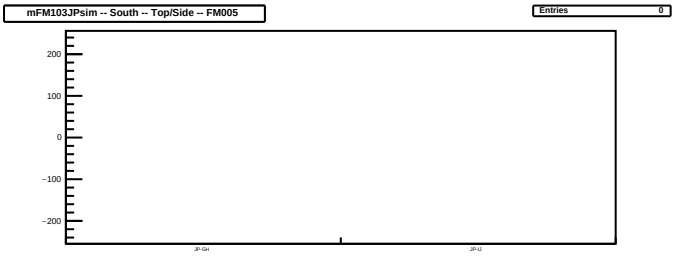

mFM103BS -- South -- Top/Side --FM005
Entries 534280
BS3
BS2
BS1
Unused

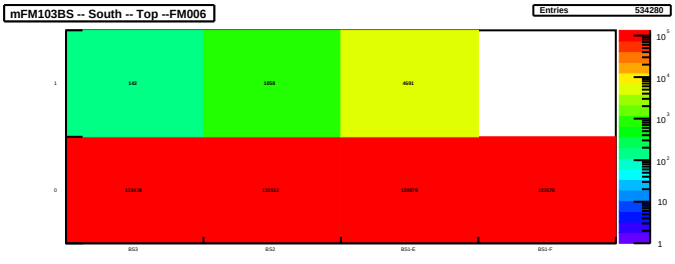

mFM103BSsim -- South -- Top/Side --FM0005
Entries 2473
BS3
BS2
BS1
Unused

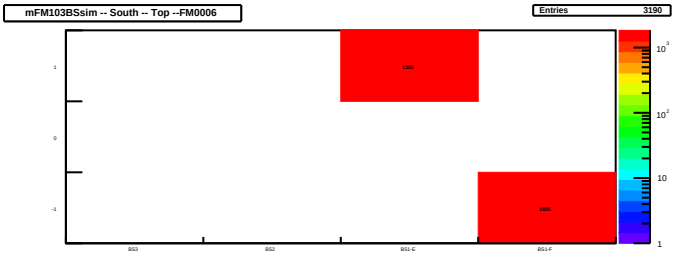

mFM103J -- South -- Top/Side -- FM005
Entries 133570
J(23)

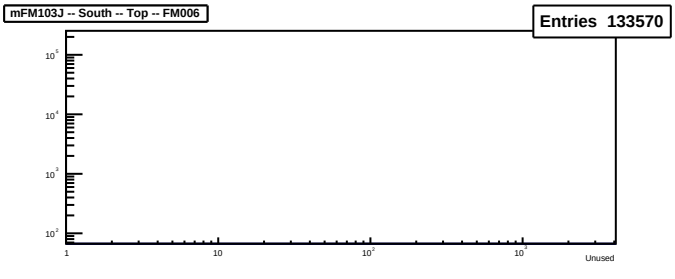

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

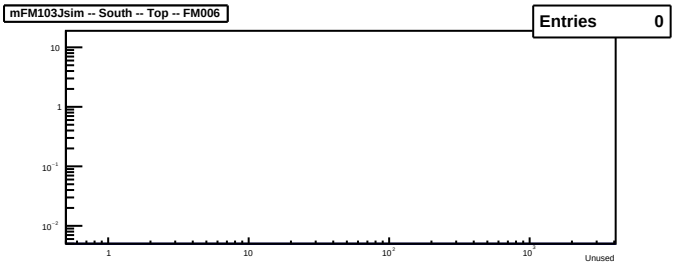

mFM103JP -- South -- Top/Side -- FM005
Entries 267140
JP-GH
JP-IJ

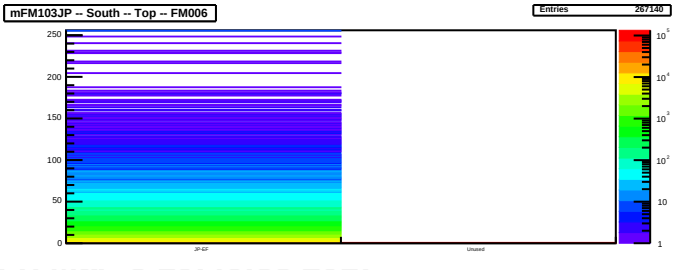

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ

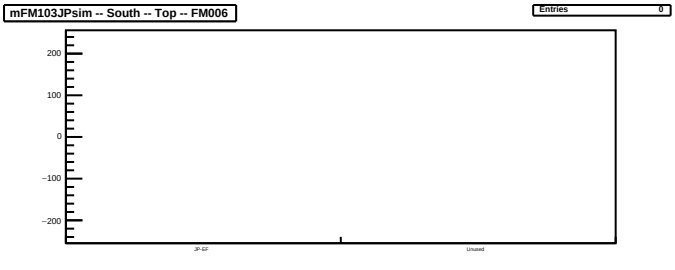

mFM103BS -- South -- Top --FM006
Entries 534280
BS3
BS2
BS1-E
BS1-F

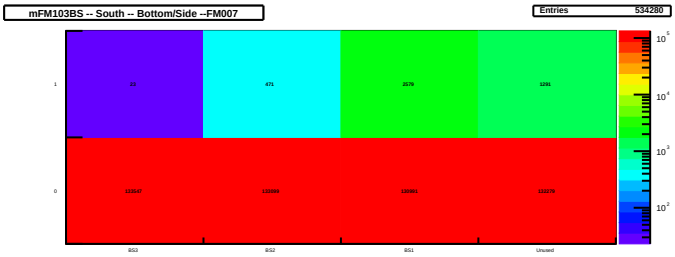

mFM103BSsim -- South -- Top --FM0006
Entries 3190
BS3
BS2
BS1-E
BS1-F

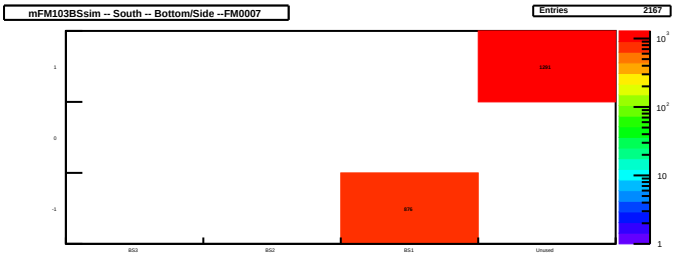

mFM103J -- South -- Top -- FM006
Entries 133570
Unused

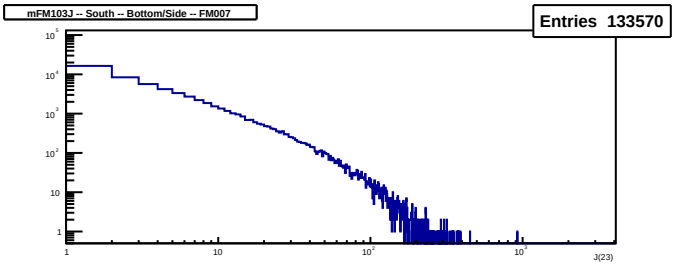

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

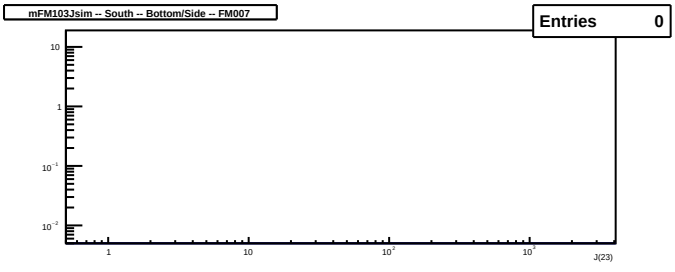

mFM103JP -- South -- Top -- FM006
Entries 267140
JP-EF
Unused


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


mFM103BS -- South -- Bottom/Side --FM007
Entries 534280


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 2167


mFM103J -- South -- Bottom/Side -- FM007
Entries 133570
J(23)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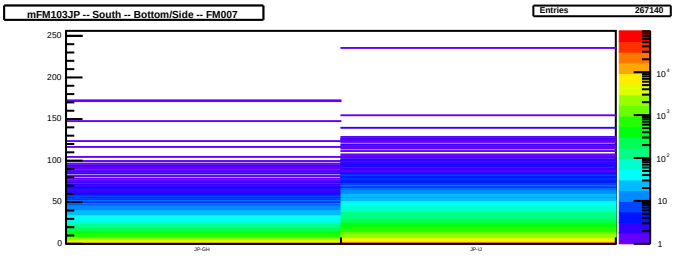
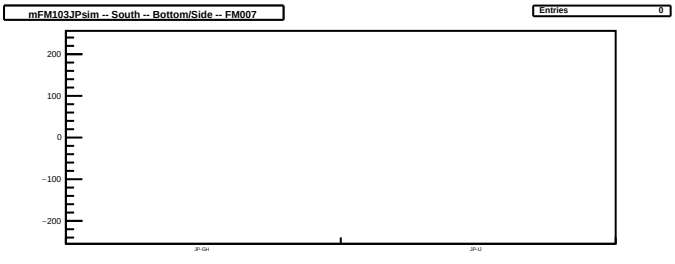
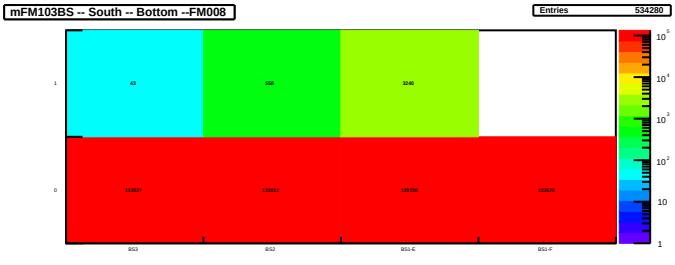
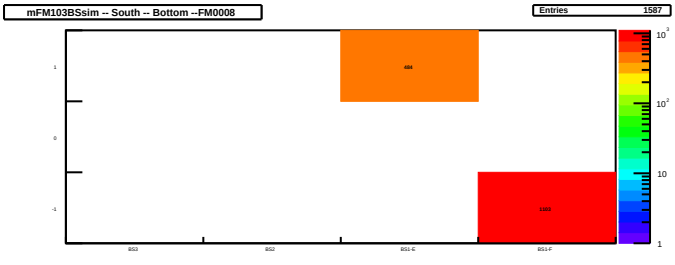
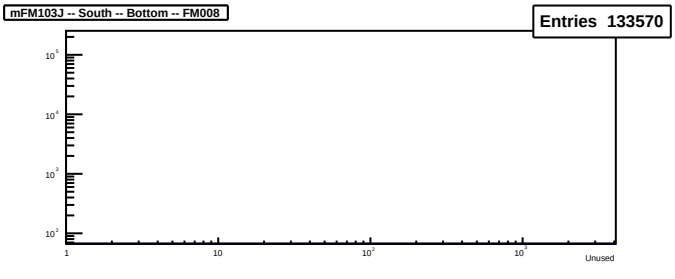
Entries 0
J(23)

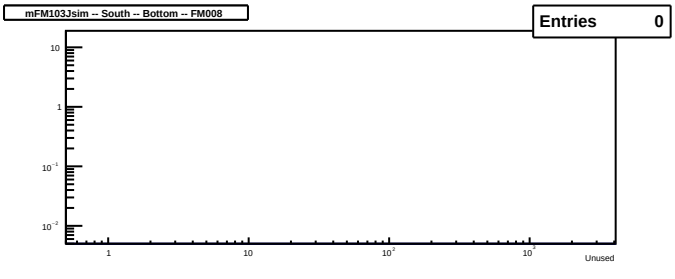

mFM103JP -- South -- Bottom/Side -- FM007
Entries 267140


mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0


mFM103BS -- South -- Bottom --FM008
Entries 534280


mFM103BSsim -- South -- Bottom --FM0008
Entries 1587


mFM103J -- South -- Bottom -- FM008
Entries 133570
Unused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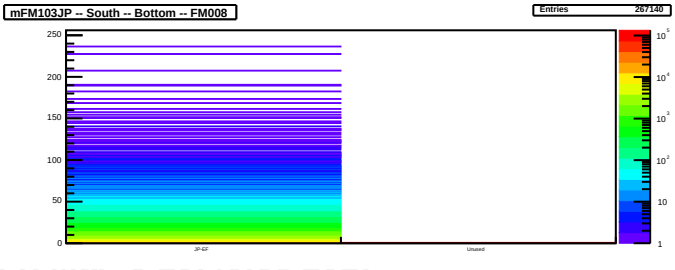
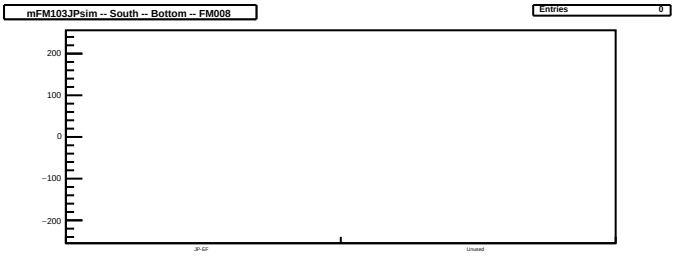
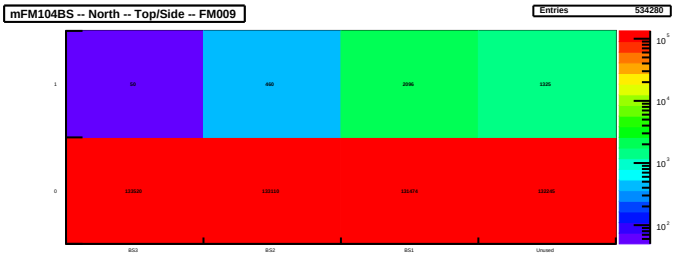
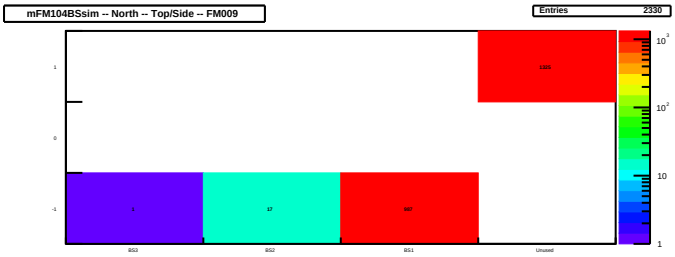
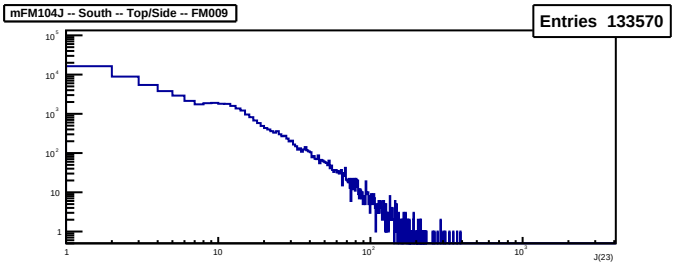
Entries 0
Unused

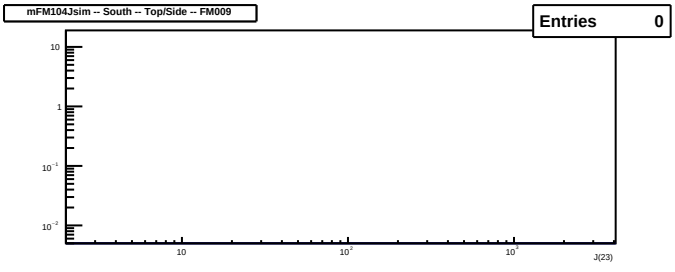

mFM103JP -- South -- Bottom -- FM008
Entries 267140

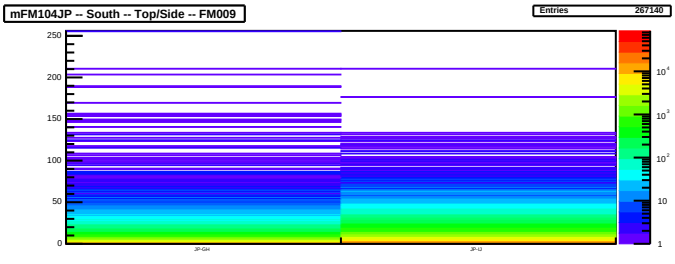

mFM103JPsim -- South -- Bottom -- FM008
Entries 0

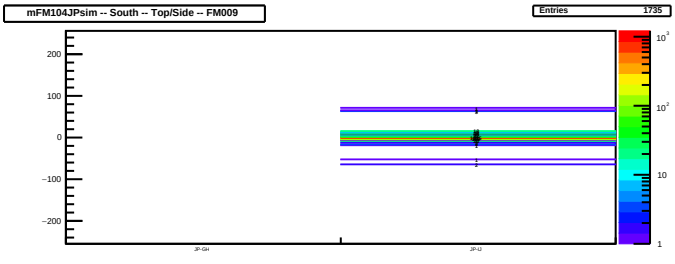

mFM104BS -- North -- Top/Side -- FM009
Entries 534280
50
460
2096
1325
133520
133110
131474
132245
BS3
BS2
BS1
Unused

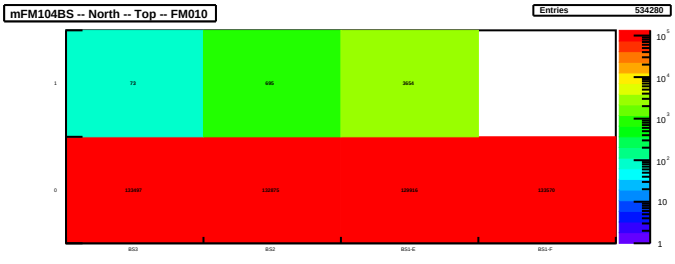

mFM104BSsim -- North -- Top/Side -- FM009
Entries 2330
1325
1
17
987
BS3
BS2
BS1
Unused

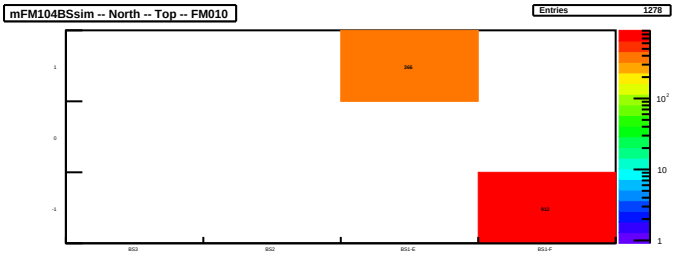

mFM104J -- South -- Top/Side -- FM009
Entries 133570
J(23)

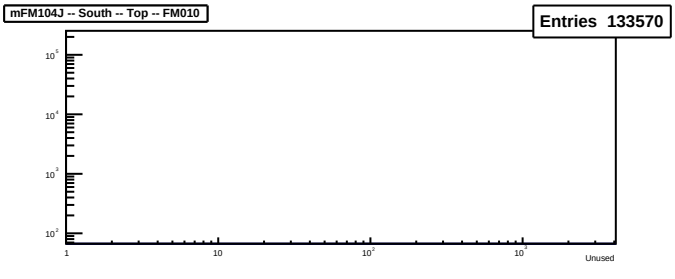

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

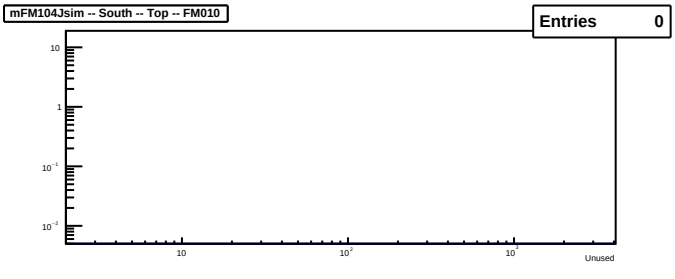

mFM104JP -- South -- Top/Side -- FM009
Entries 267140
JP-GH
JP-IJ

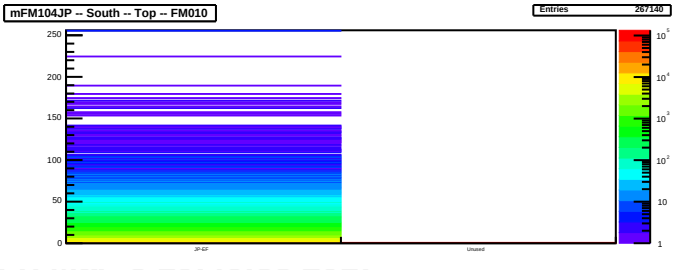

mFM104JPsim -- South -- Top/Side -- FM009
Entries 1735
JP-GH
JP-IJ

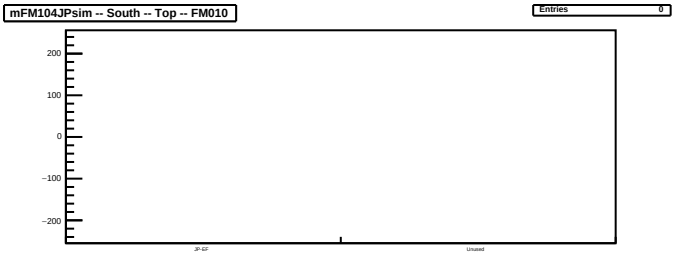

mFM104BS -- North -- Top -- FM010
Entries 534280
73
695
3654
133497
133075
129916
133570
BS3
BS2
BS1-E
BS1-F

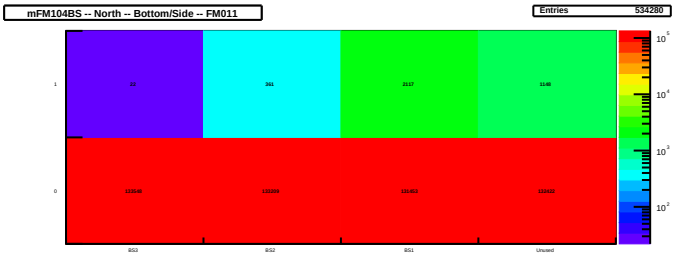

mFM104BSsim -- North -- Top -- FM010
Entries 1278
366
912
BS3
BS2
BS1-E
BS1-F

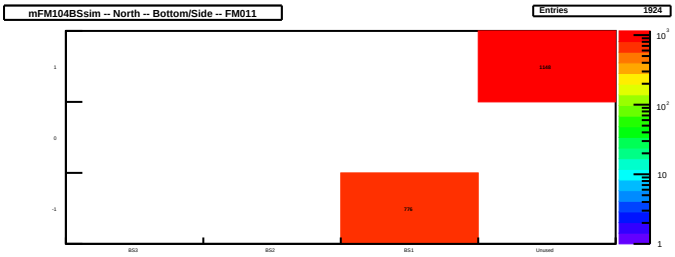

mFM104J -- South -- Top -- FM010
Entries 133570
Unused

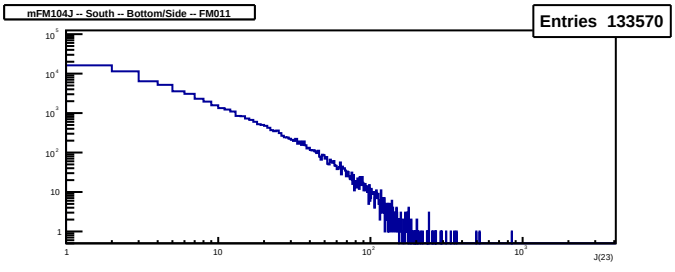

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

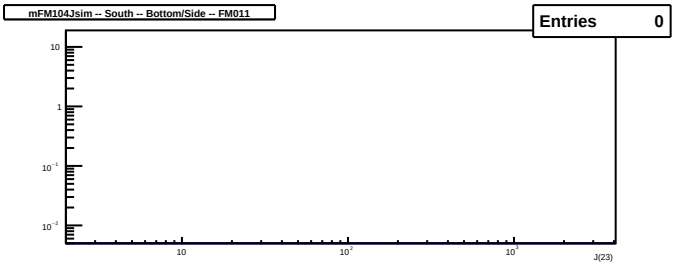

mFM104JP -- South -- Top -- FM010
Entries 267140
JP-EF
Unused

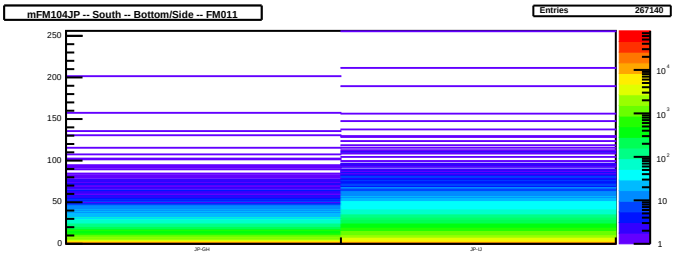

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

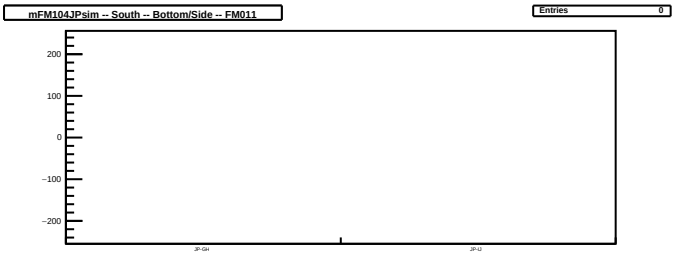

mFM104BS -- North -- Bottom/Side -- FM011
Entries 534280
22
341
2117
1148
133549
133209
131463
132432
BS3
BS2
BS1
Unused

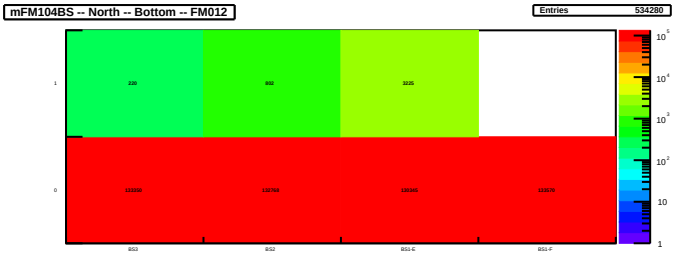

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1924
1148
776
BS3
BS2
BS1
Unused

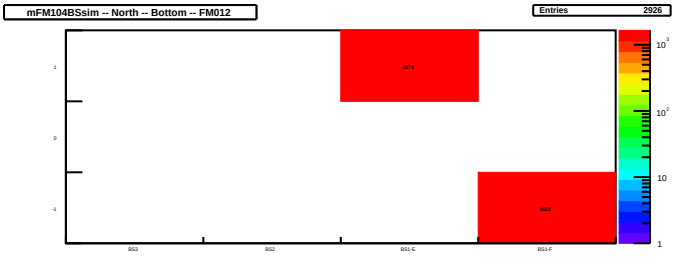

mFM104J -- South -- Bottom/Side -- FM011
Entries 133570
J(23)

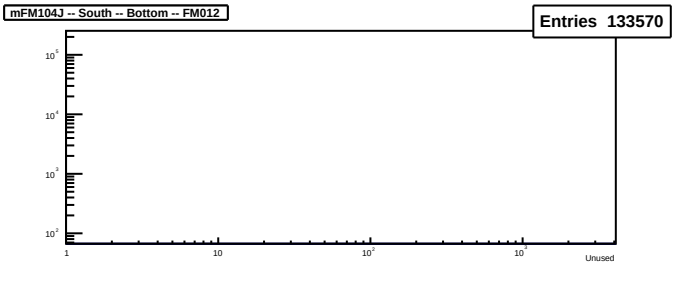

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

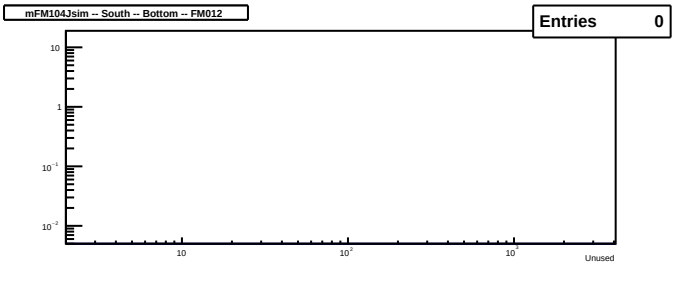

mFM104JP -- South -- Bottom/Side -- FM011
Entries 267140
JP-GH
JP-IJ

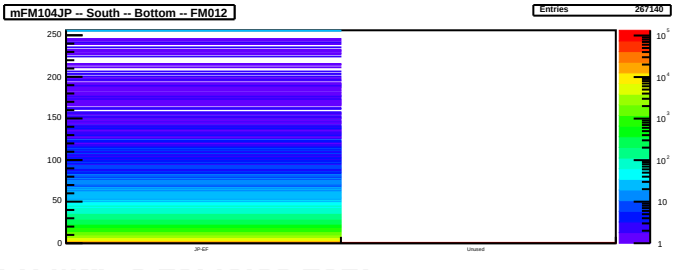

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ

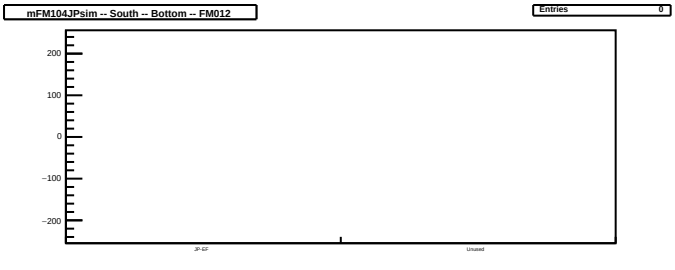

mFM104BS -- North -- Bottom -- FM012
Entries 534280
225
892
3235
132550
132768
130345
133570
BS3
BS2
BS1-E
BS1-F

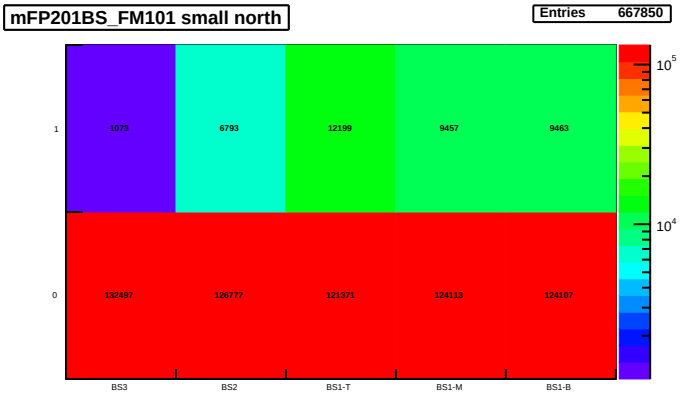

mFM104BSsim -- North -- Bottom -- FM012
Entries 2926
1274
1652
BS3
BS2
BS1-E
BS1-F

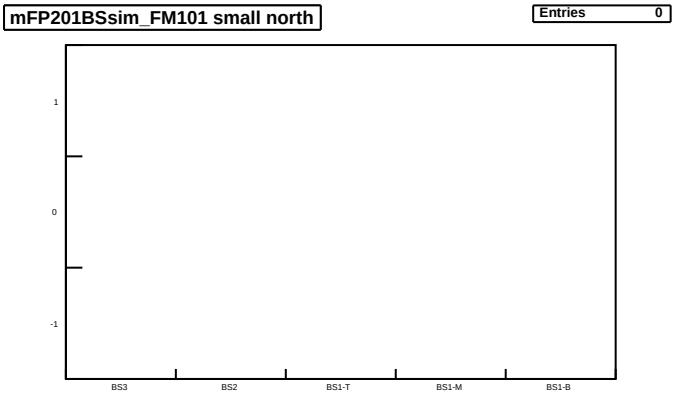

mFM104J -- South -- Bottom -- FM012
Entries 133570
Unused

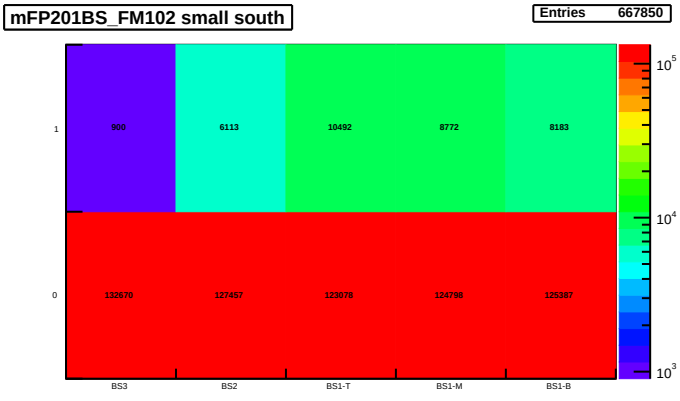

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

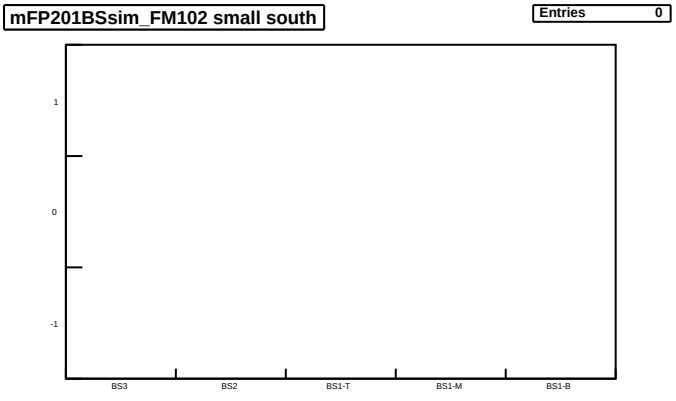

mFM104JP -- South -- Bottom -- FM012
Entries 267140
JP-EF
Unused

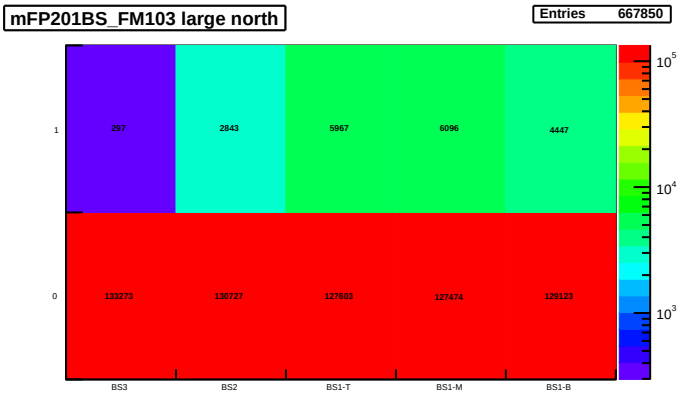

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

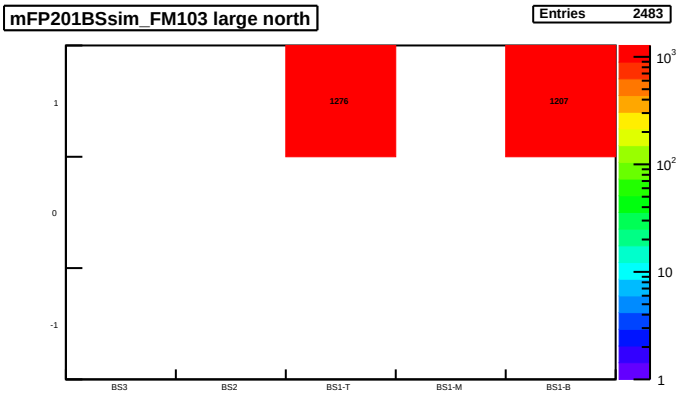

mFP201BS_FM101 small north
Entries 667850
1073
6793
12199
9457
9463
132497
126777
121371
124113
124107
BS3
BS2
BS1-T
BS1-M
BS1-B

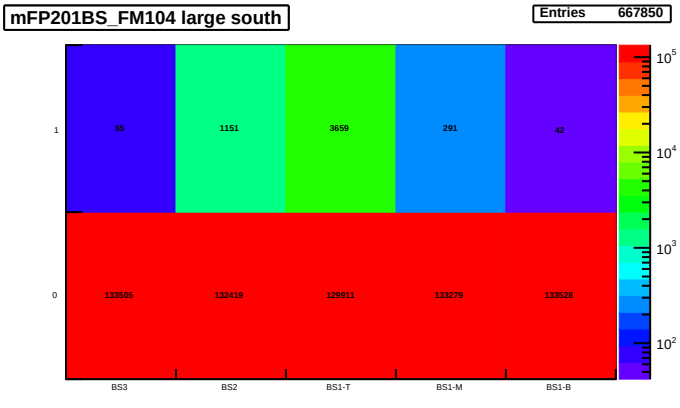

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

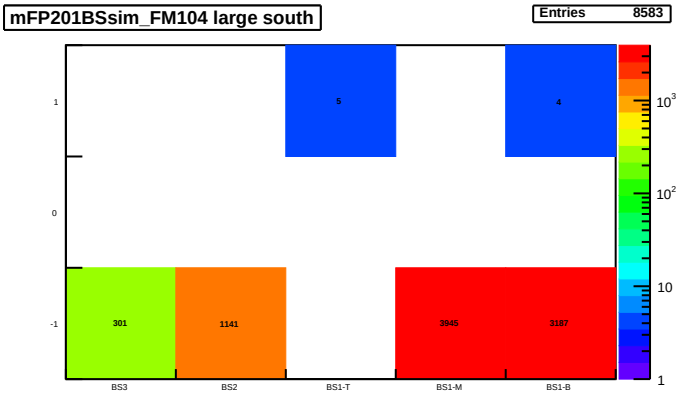

mFP201BS_FM102 small south
Entries 667850
900
6113
10492
8772
8183
132670
127457
123078
124798
125387
BS3
BS2
BS1-T
BS1-M
BS1-B

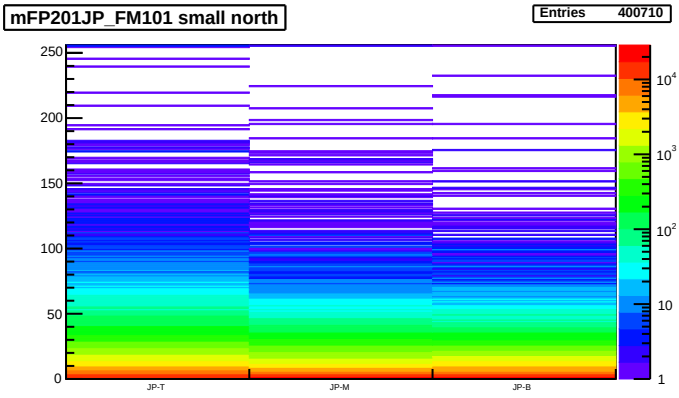

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

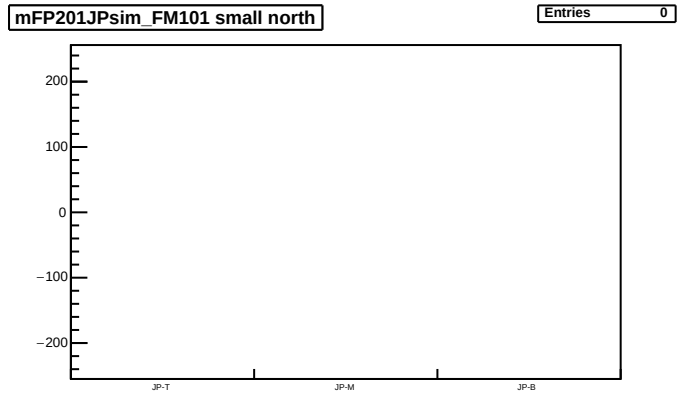

mFP201BS_FM103 large north
Entries 667850
297
2843
5967
6096
4447
133273
130727
127603
127474
129123
BS3
BS2
BS1-T
BS1-M
BS1-B

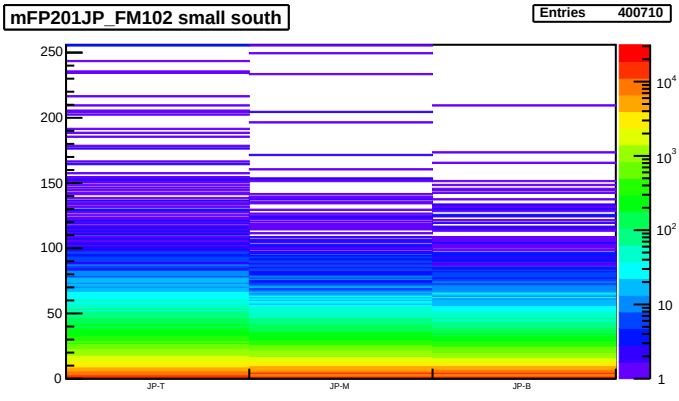

mFP201BSsim_FM103 large north
Entries 2483
1276
1207
BS3
BS2
BS1-T
BS1-M
BS1-B

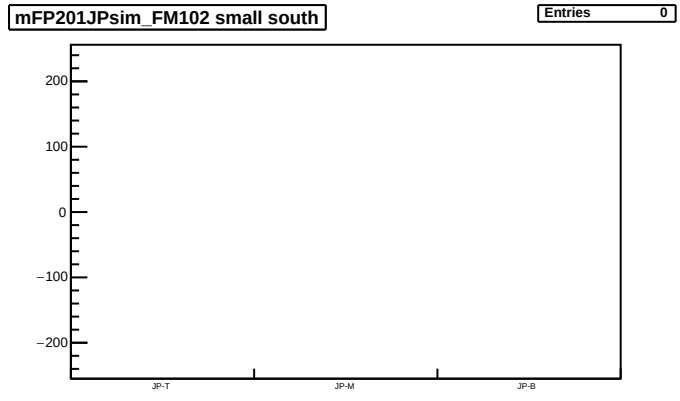

mFP201BS_FM104 large south
Entries 667850
65
1151
3659
291
42
133505
132419
129911
133279
133528
BS3
BS2
BS1-T
BS1-M
BS1-B

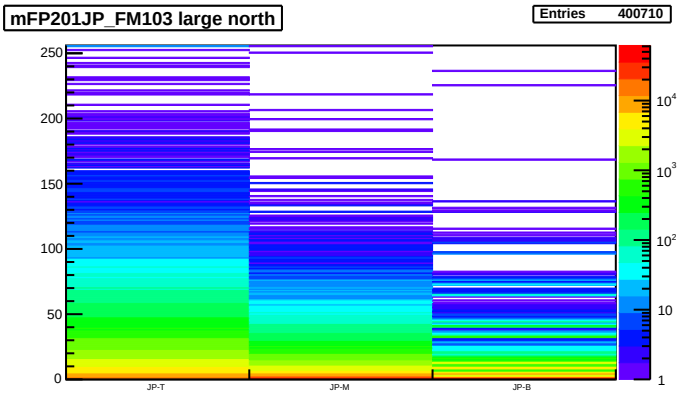

mFP201BSsim_FM104 large south
Entries 8583
5
4
301
1141
3945
3187
BS3
BS2
BS1-T
BS1-M
BS1-B

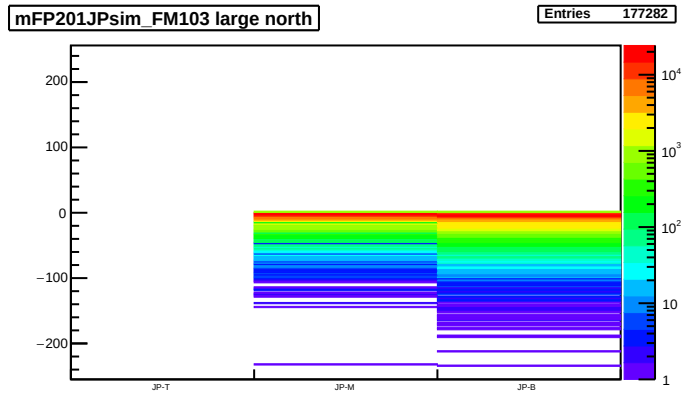

mFP201JP_FM101 small north
Entries 400710
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

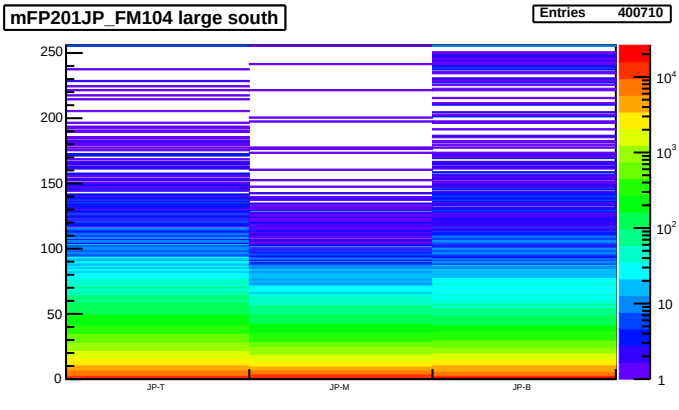

mFP201JPsim_FM101 small north
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

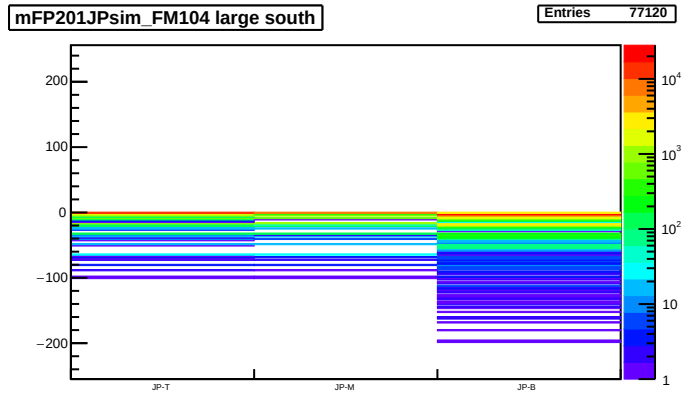

mFP201JP_FM102 small south
Entries 400710
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

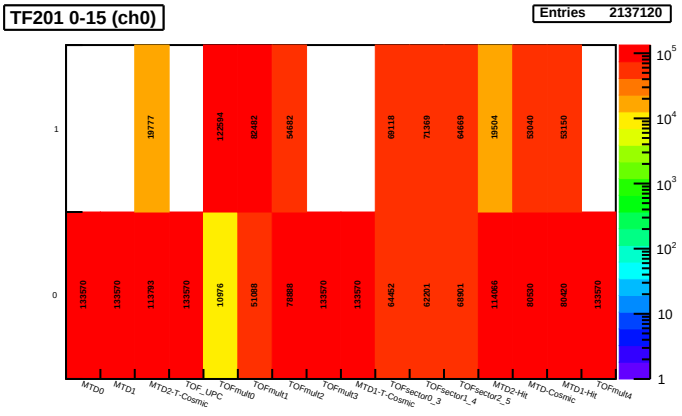

mFP201JPsim_FM102 small south
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

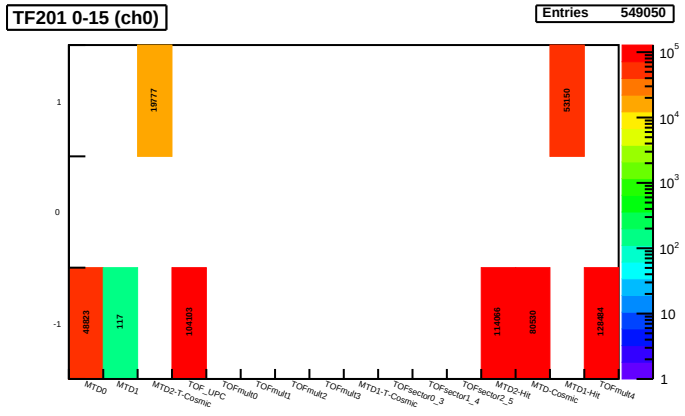

mFP201JP_FM103 large north
Entries 400710
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

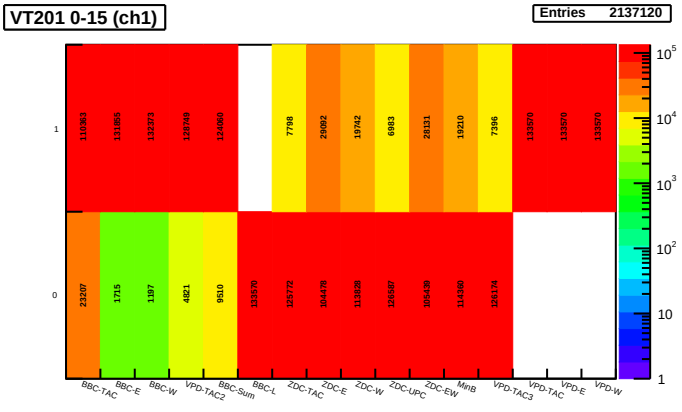

mFP201JPsim_FM103 large north
Entries 177282
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

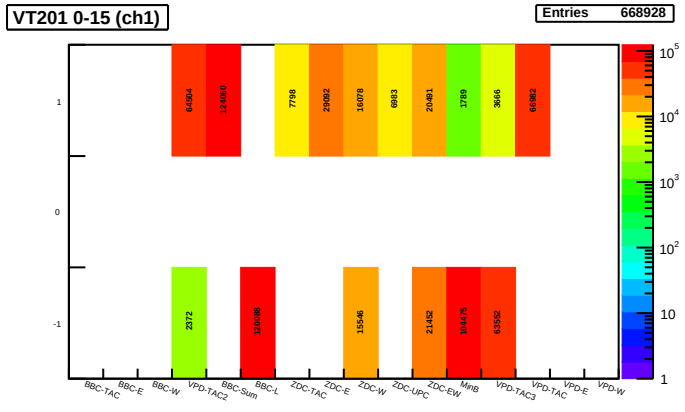

mFP201JP_FM104 large south
Entries 400710
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

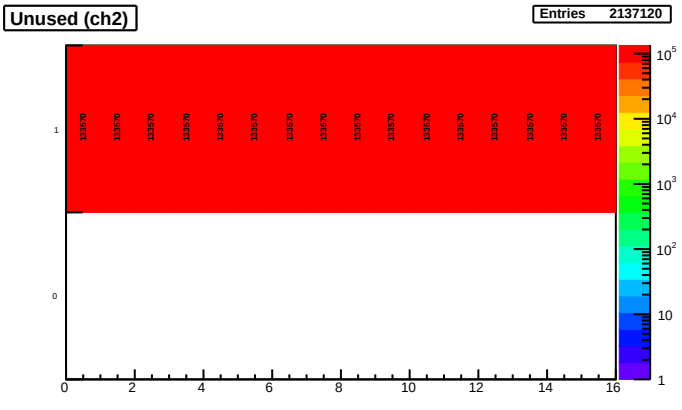

mFP201JPsim_FM104 large south
Entries 77120
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

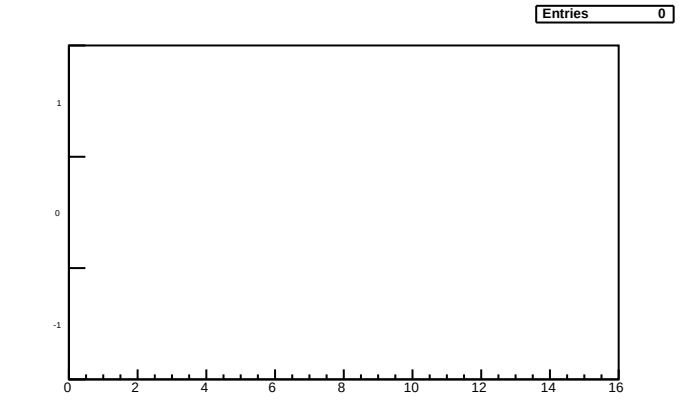

TF201 0-15 (ch0)
Entries 2137120
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

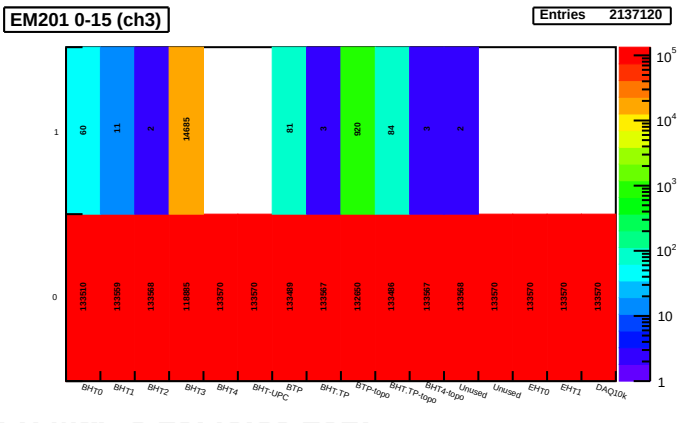

TF201 0-15 (ch0)
Entries 549050
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

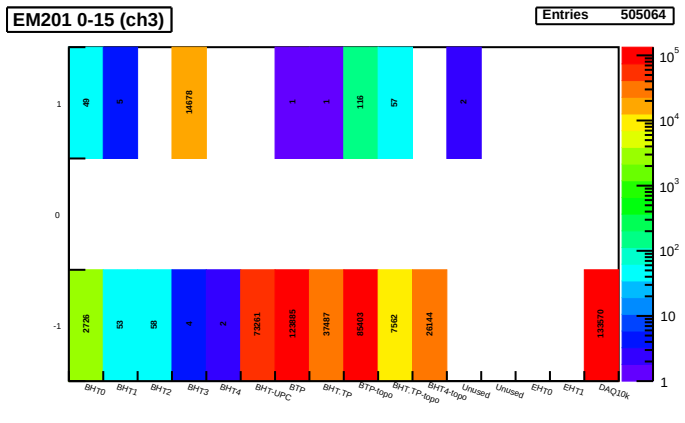

VT201 0-15 (ch1)
Entries 2137120
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

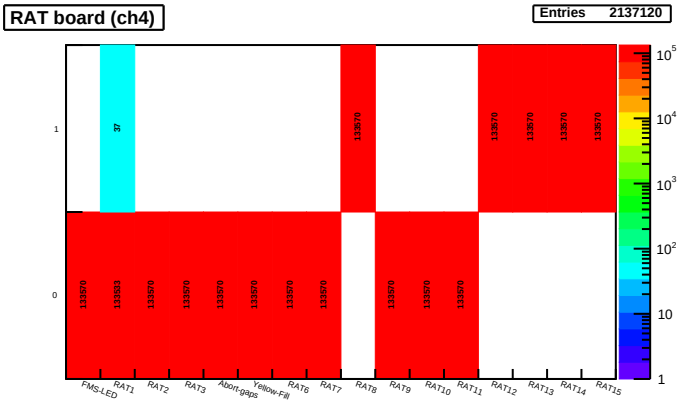

VT201 0-15 (ch1)
Entries 668928
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

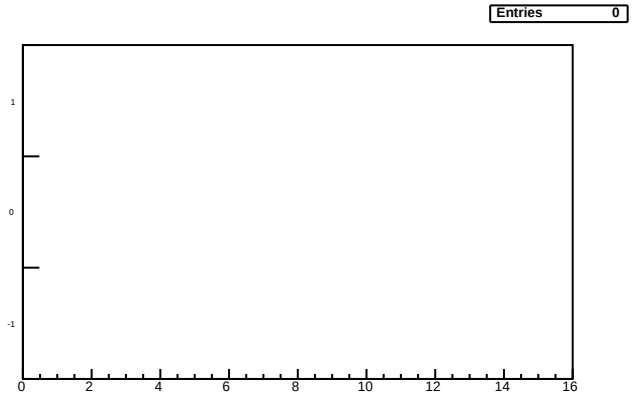

Unused (ch2)
Entries 2137120

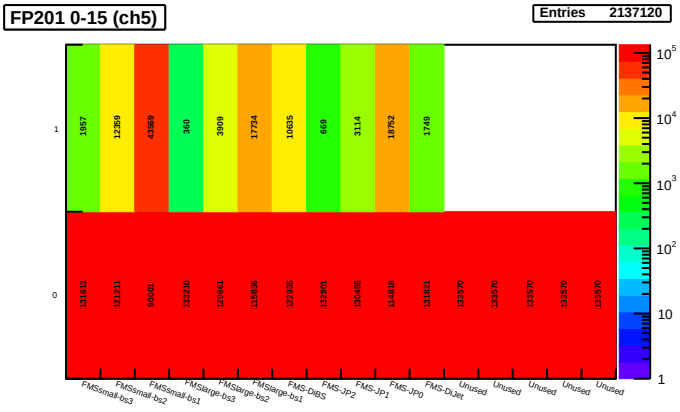

Entries 0

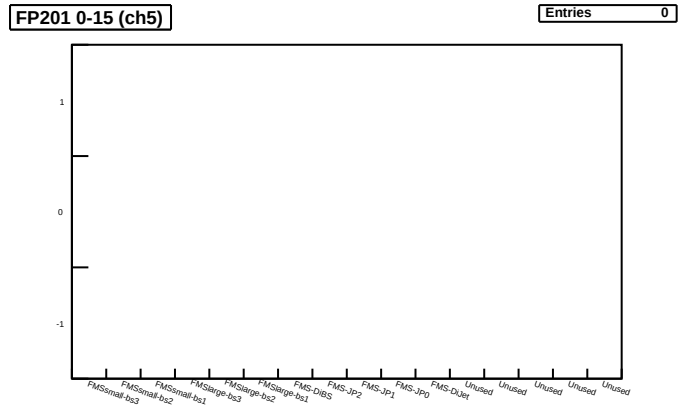

EM201 0-15 (ch3)
Entries 2137120
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

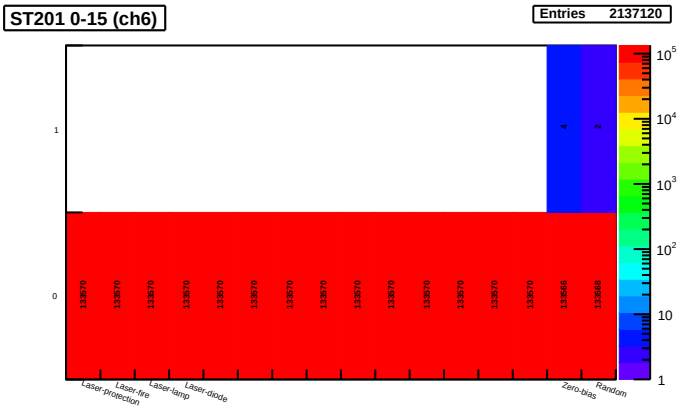

EM201 0-15 (ch3)
Entries 505064
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

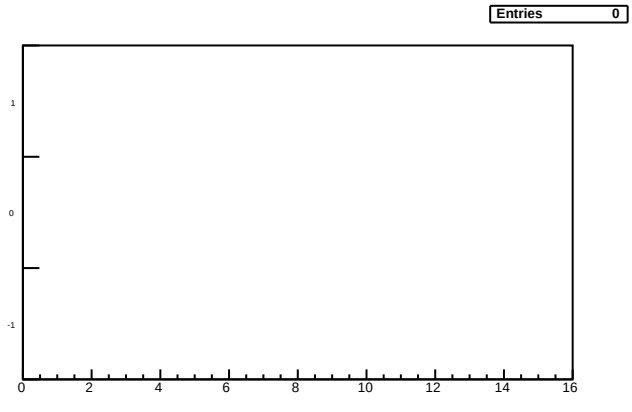

RAT board (ch4)
Entries 2137120
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

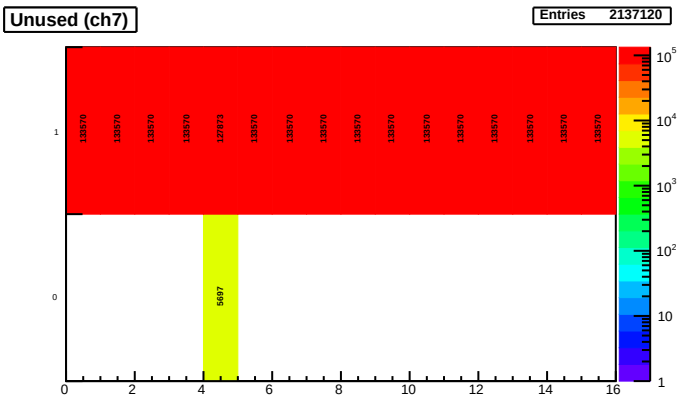

Entries 0

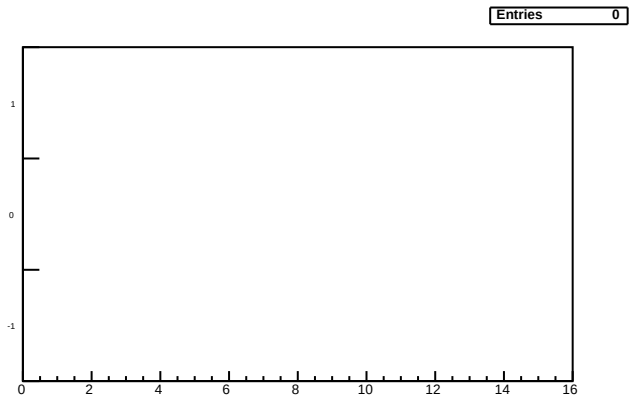

FP201 0-15 (ch5)
Entries 2137120
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


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


ST201 0-15 (ch6)
Entries 2137120
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 2137120


Entries 0