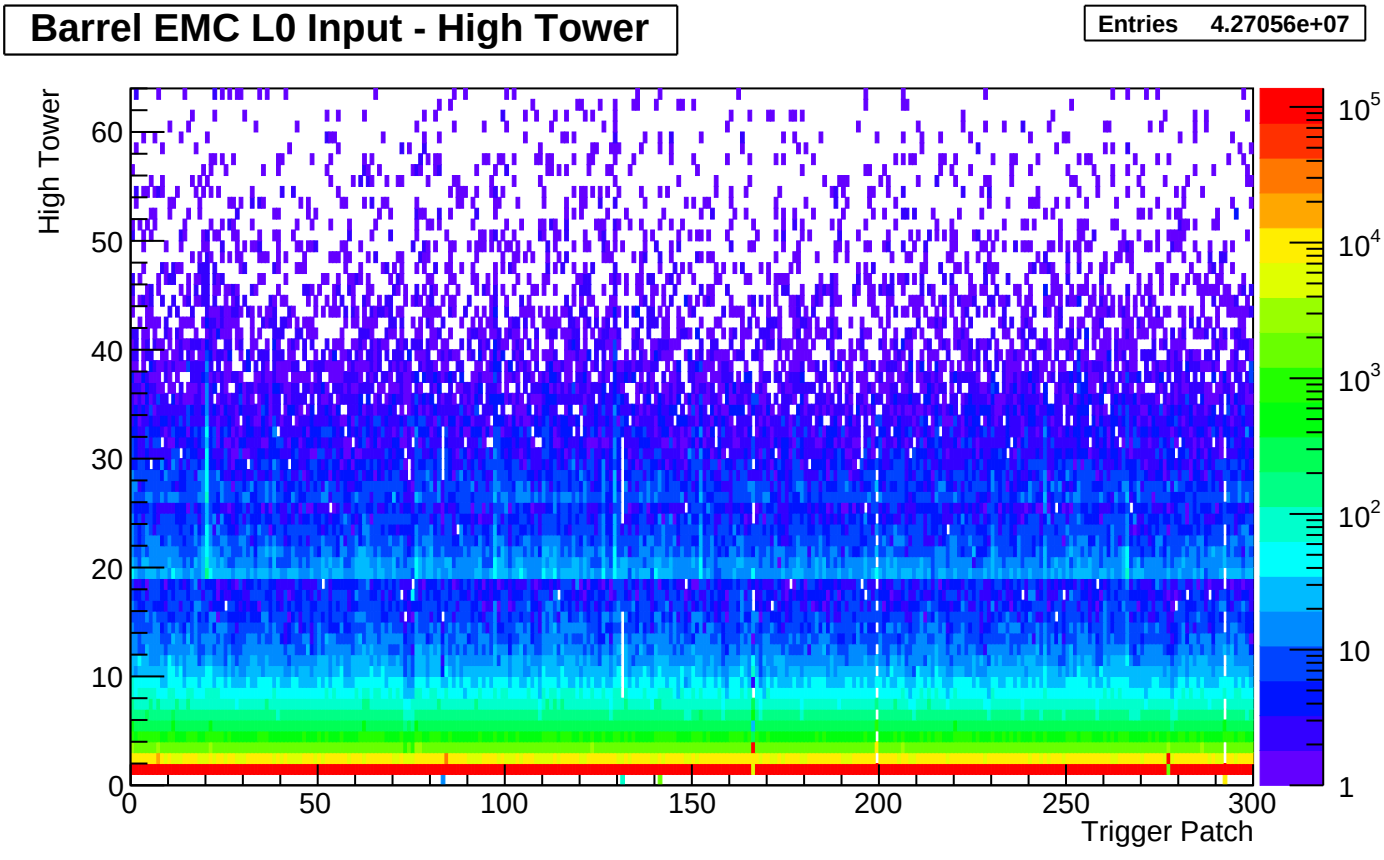
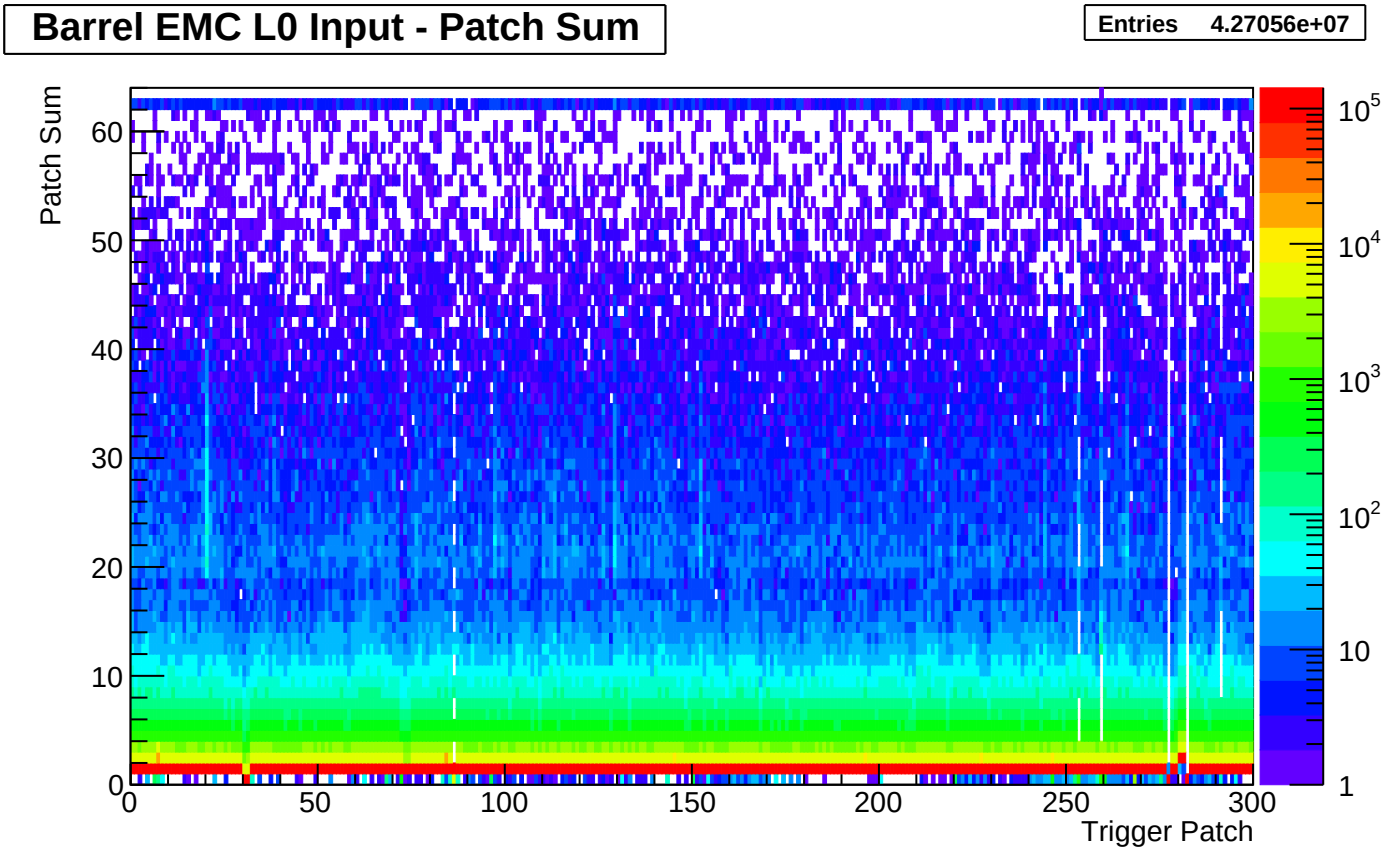
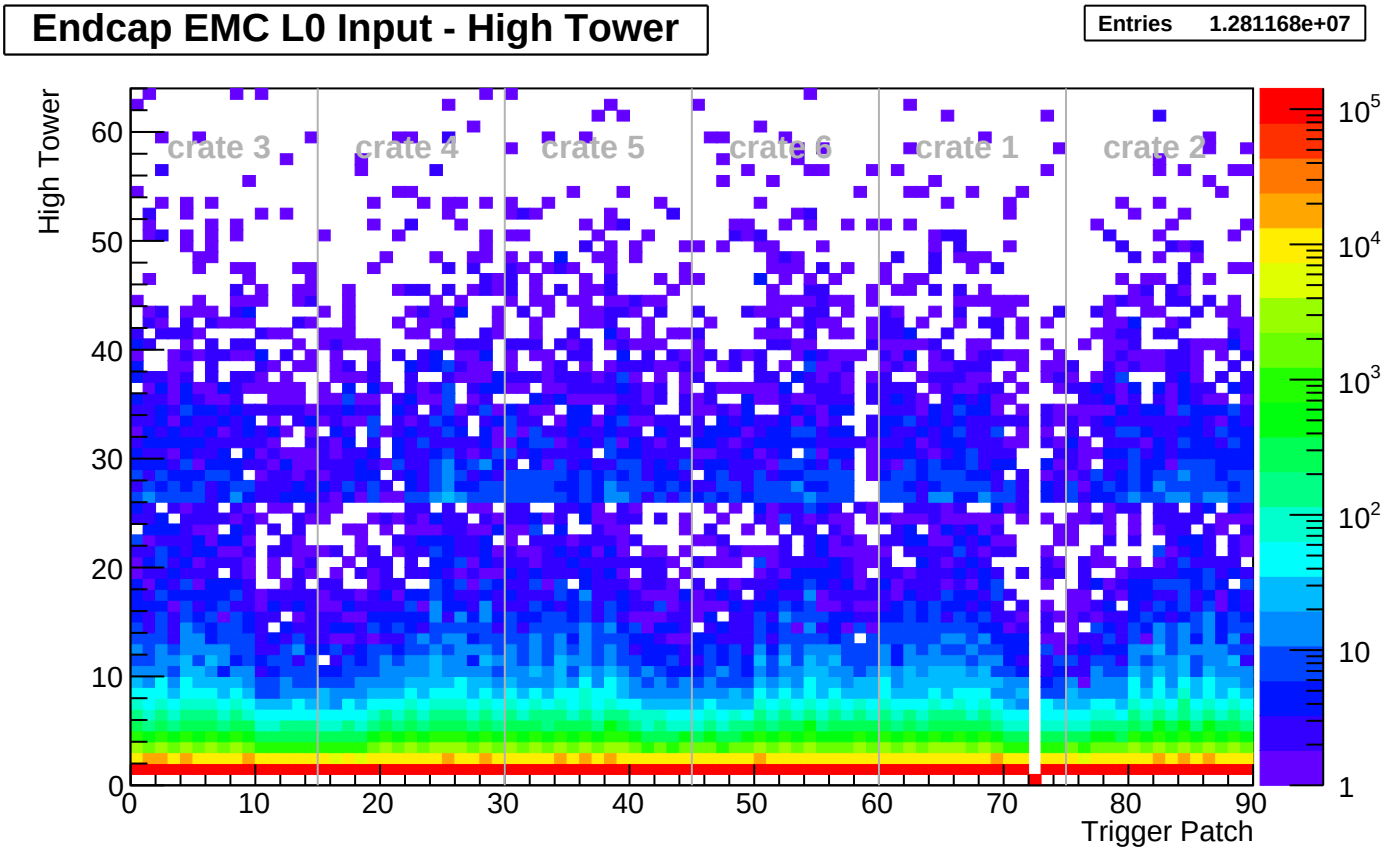
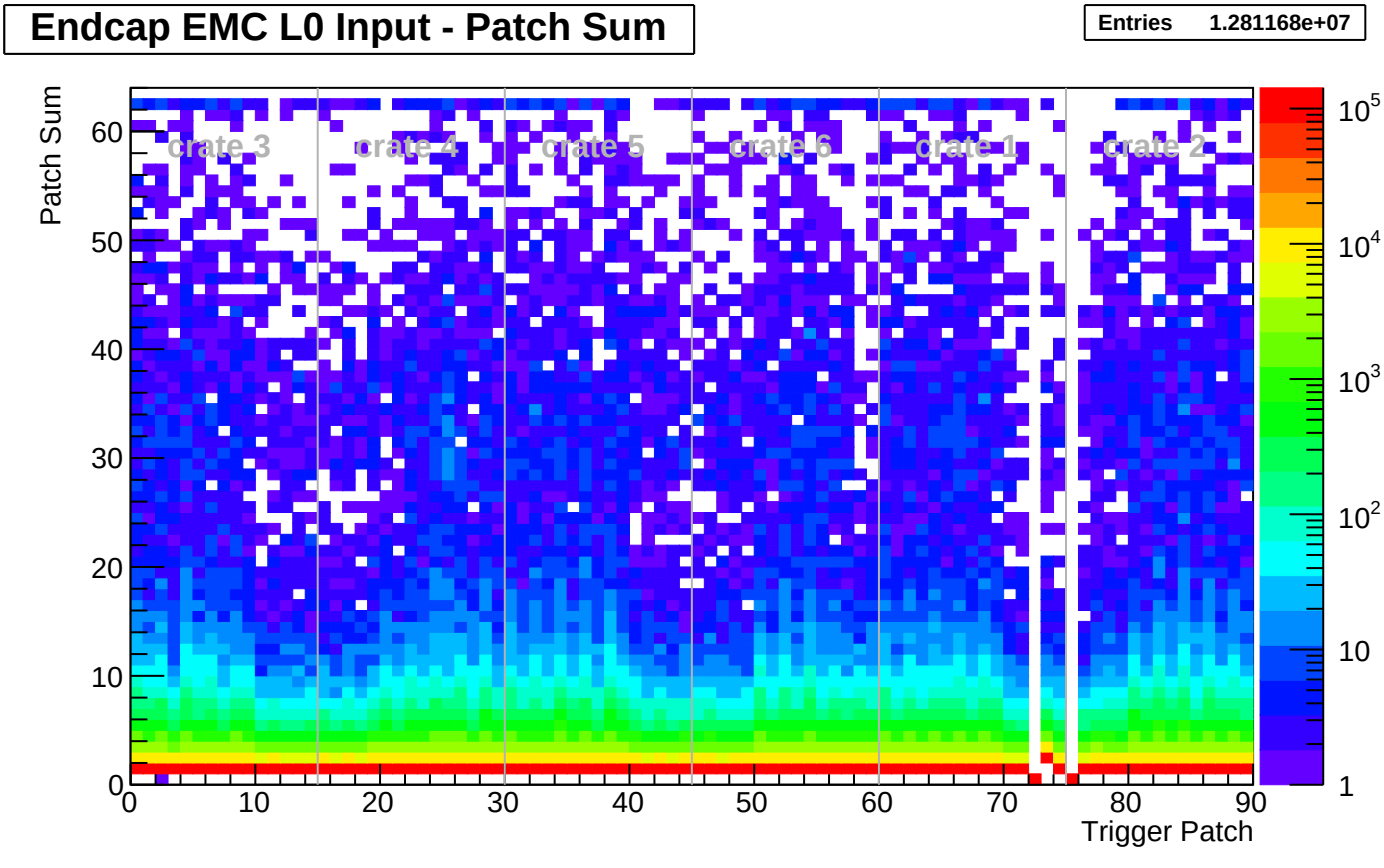
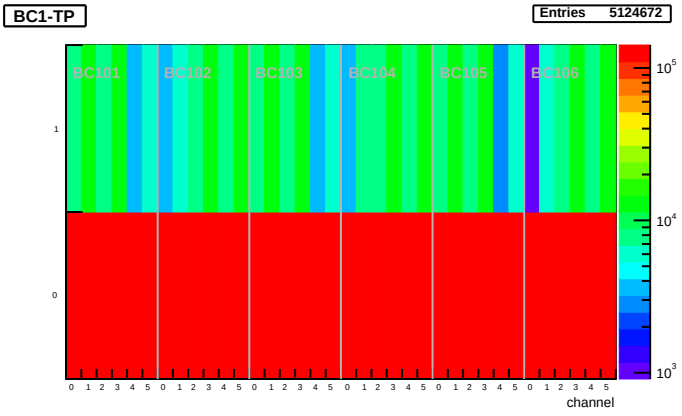
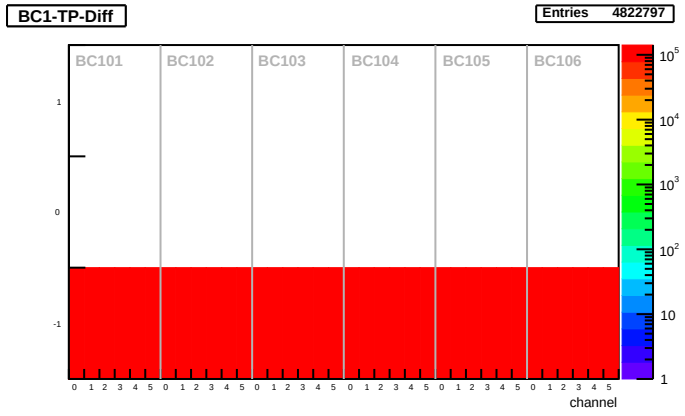

Barrel EMC L0 Input - High Tower
Entries 4.27056e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

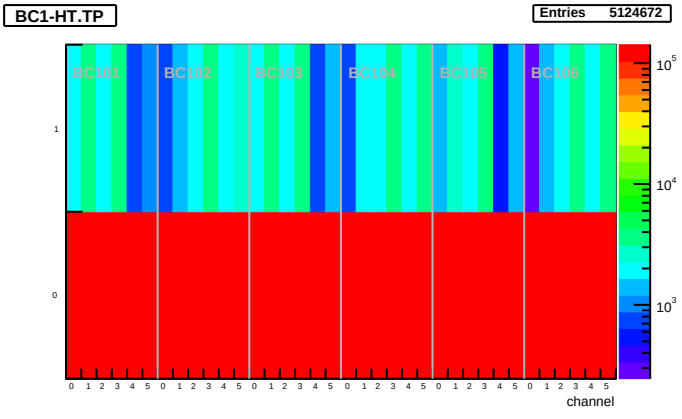

Barrel EMC L0 Input - Patch Sum
Entries 4.27056e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

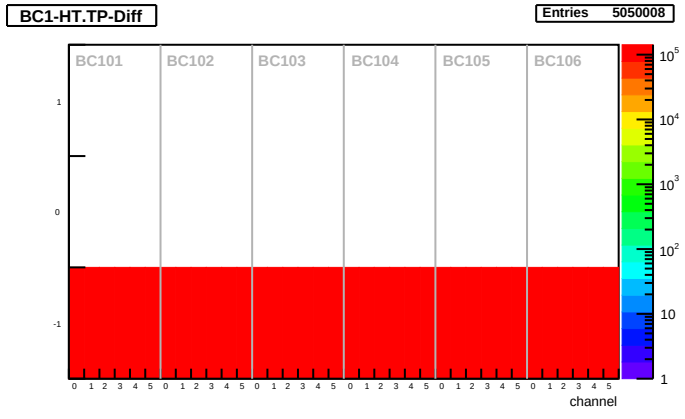

Endcap EMC L0 Input - High Tower
Entries 1.281168e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

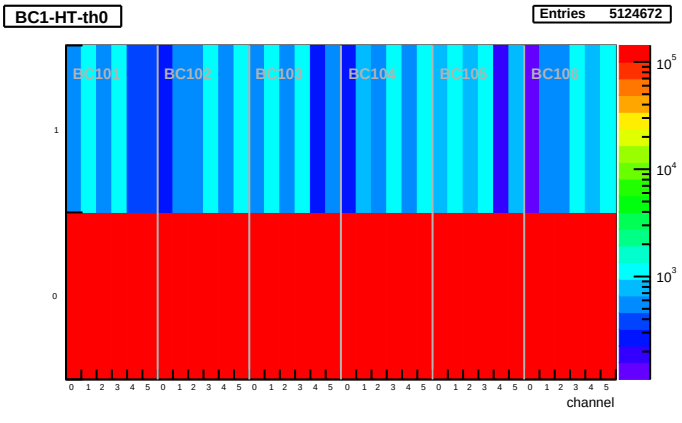

Endcap EMC L0 Input - Patch Sum
Entries 1.281168e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

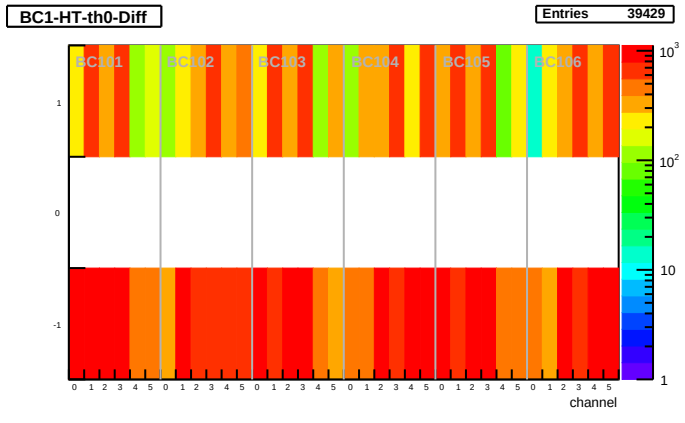

BC1-TP
Entries 5124672
BC101
BC102
BC103
BC104
BC105
BC106
channel

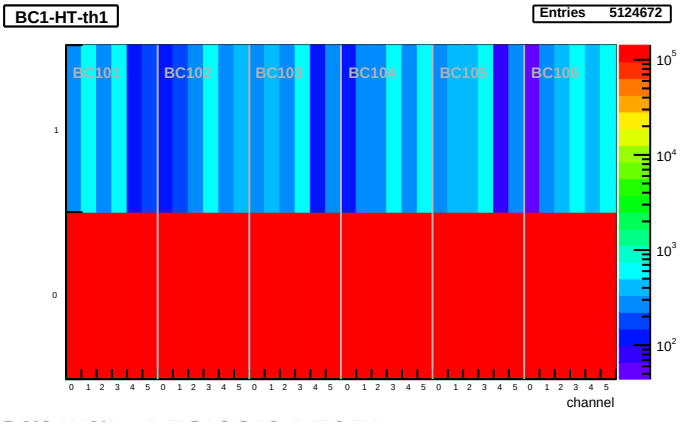

BC1-TP-Diff
Entries 4822797
BC101
BC102
BC103
BC104
BC105
BC106
channel

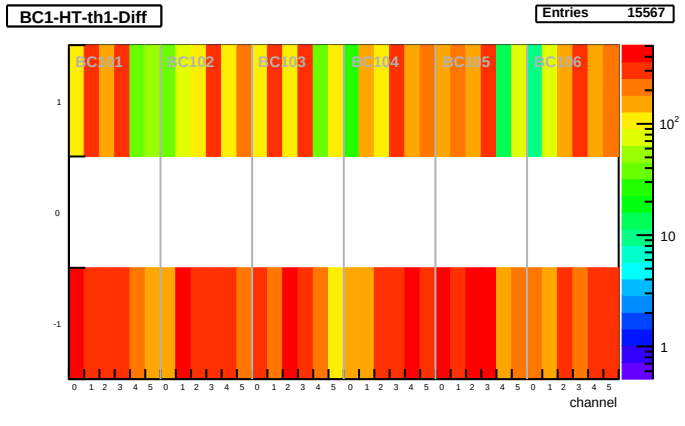

BC1-HT.TP
Entries 5124672
BC101
BC102
BC103
BC104
BC105
BC106
channel

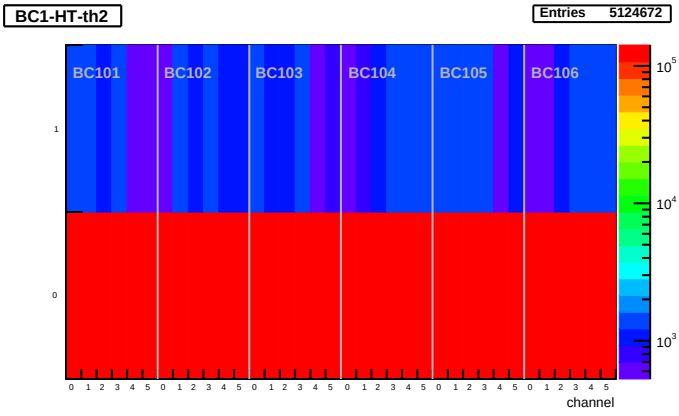

BC1-HT.TP-Diff
Entries 5050008
BC101
BC102
BC103
BC104
BC105
BC106
channel

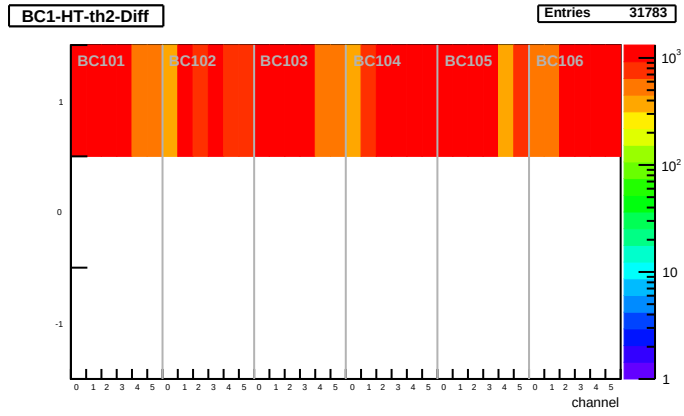

BC1-HT-th0
Entries 5124672
channel

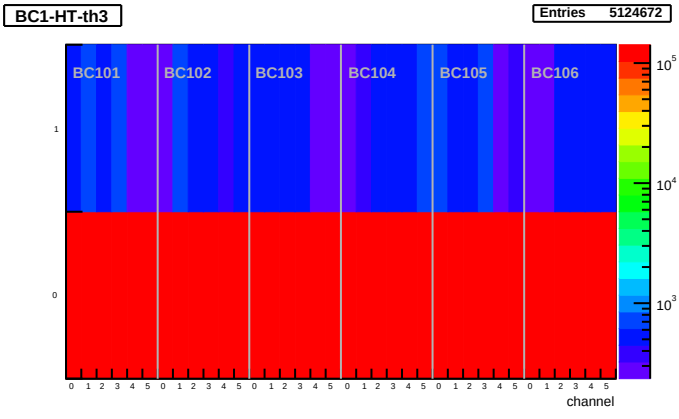

BC1-HT-th0-Diff
Entries 39429
BC101
BC102
BC103
BC104
BC105
BC106
channel

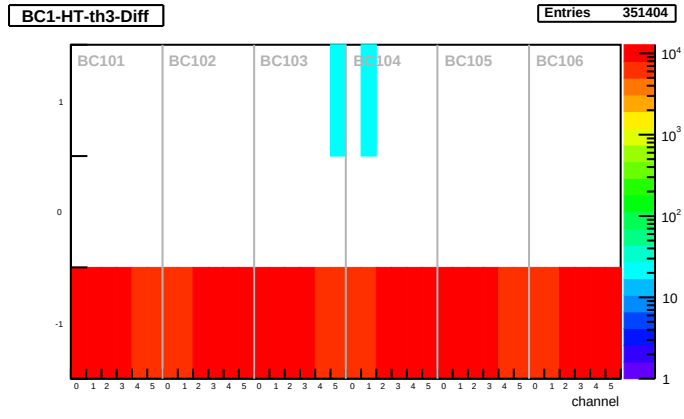

BC1-HT-th1
Entries 5124672
channel

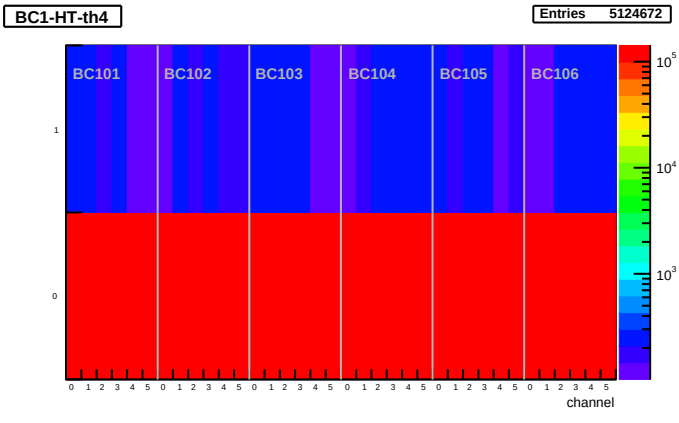

BC1-HT-th1-Diff
Entries 15567
BC101
BC102
BC103
BC104
BC105
BC106
channel

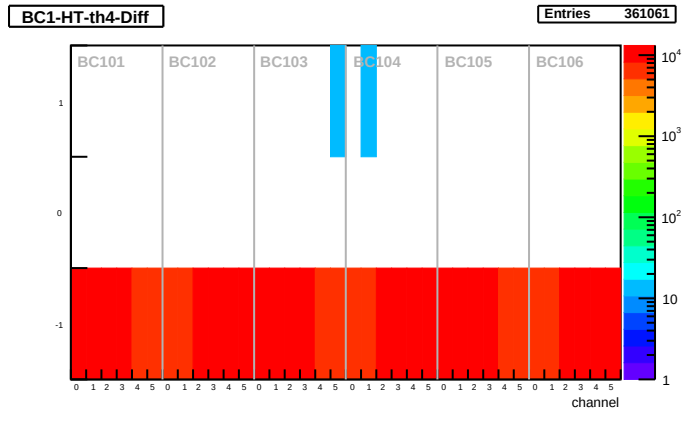

BC1-HT-th2
Entries 5124672
BC101
BC102
BC103
BC104
BC105
BC106
channel

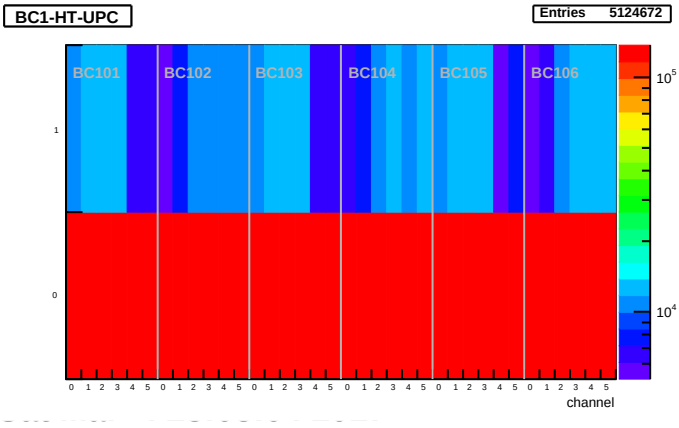

BC1-HT-th2-Diff
Entries 31783
BC101
BC102
BC103
BC104
BC105
BC106
channel

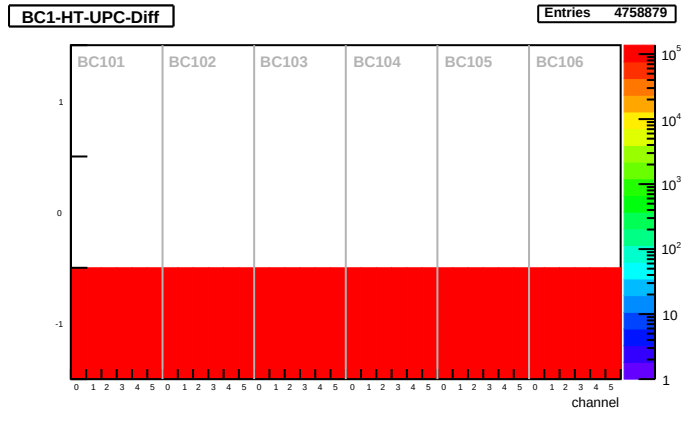

BC1-HT-th3
Entries 5124672
BC101
BC102
BC103
BC104
BC105
BC106
channel

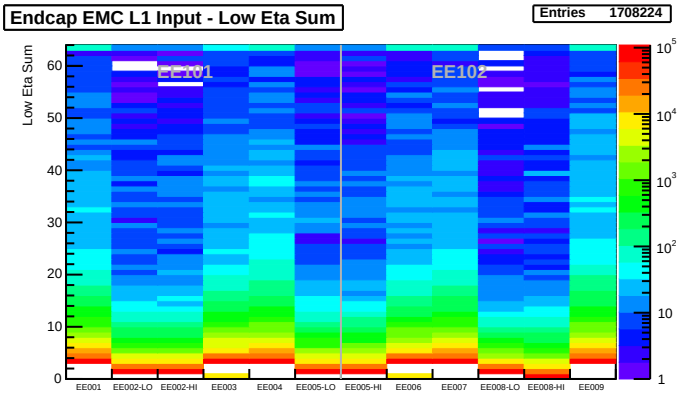

BC1-HT-th3-Diff
Entries 351404
BC101
BC102
BC103
BC104
BC105
BC106
channel

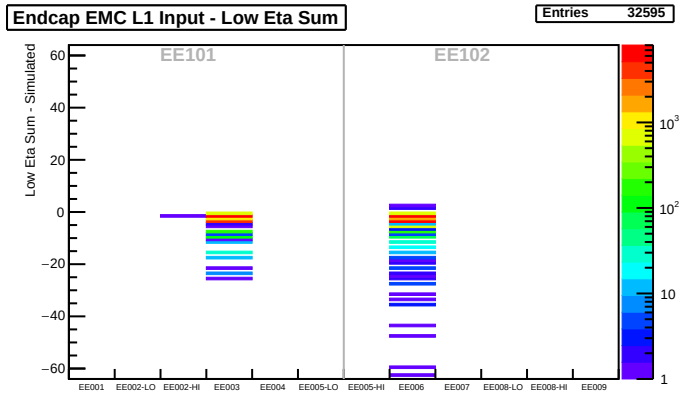

BC1-HT-th4
Entries 5124672
BC101
BC102
BC103
BC104
BC105
BC106
channel

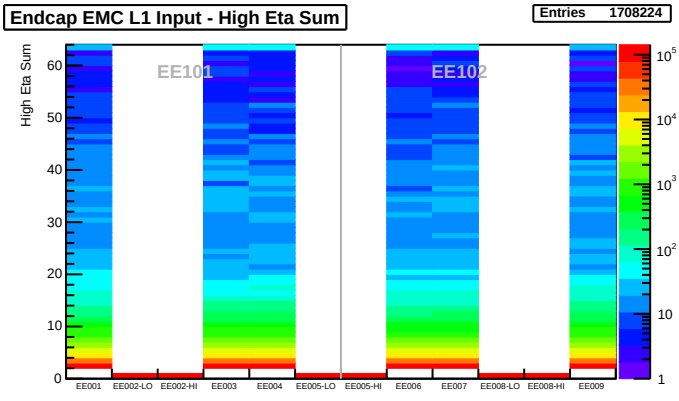

BC1-HT-th4-Diff
Entries 361061
BC101
BC102
BC103
BC104
BC105
BC106
channel

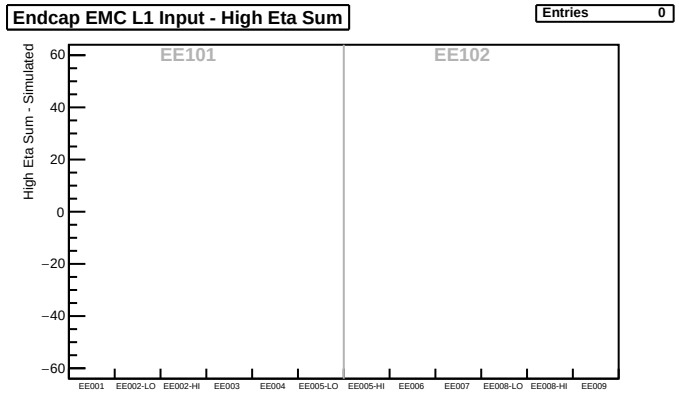

BC1-HT-UPC
Entries 5124672
BC101
BC102
BC103
BC104
BC105
BC106
channel

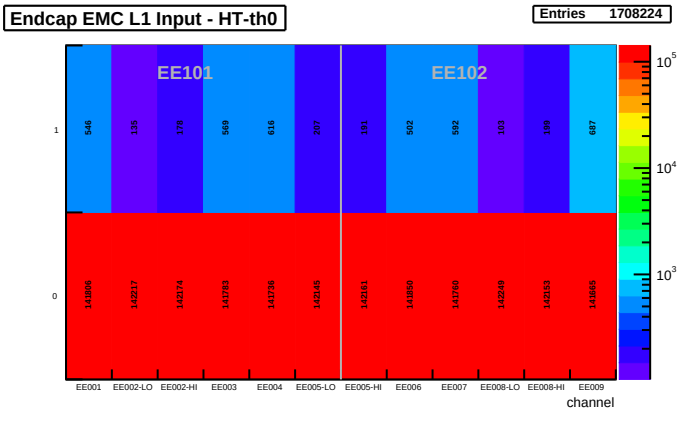

BC1-HT-UPC-Diff
Entries 4758879
BC101
BC102
BC103
BC104
BC105
BC106
channel

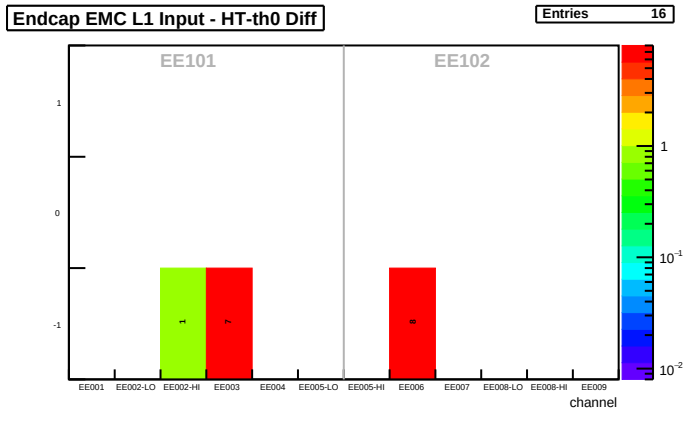

Endcap EMC L1 Input - Low Eta Sum
Entries 1708224
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

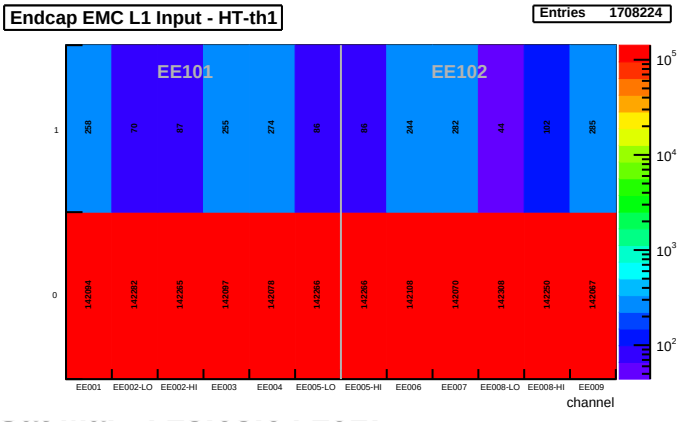

Endcap EMC L1 Input - Low Eta Sum
Entries 32595
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

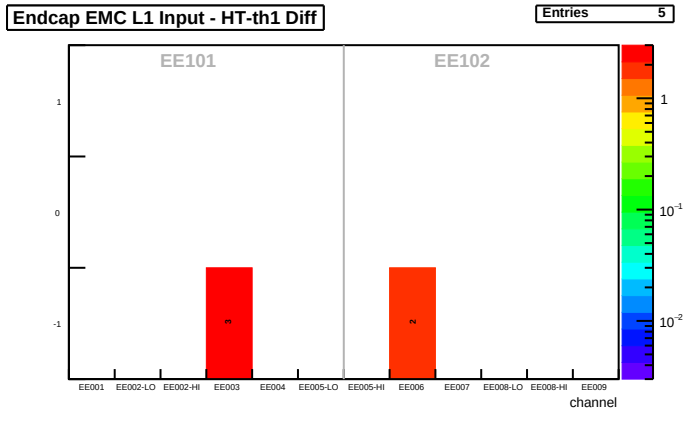

Endcap EMC L1 Input - High Eta Sum
Entries 1708224
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

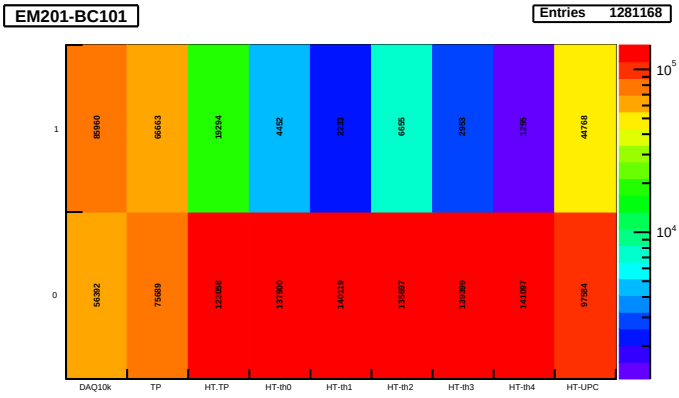

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

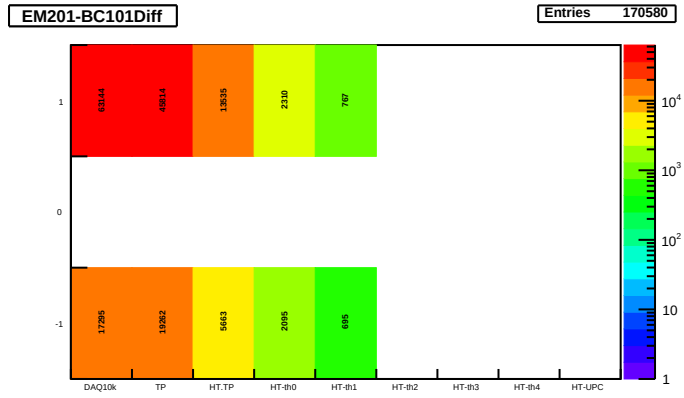

Endcap EMC L1 Input - HT-th0
Entries 1708224
EE101
EE102
546 135 178 569 616 207 191 502 592 183 199 687
141806 142117 142174 141783 141736 142145 142161 141850 141760 142149 142153 141665
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

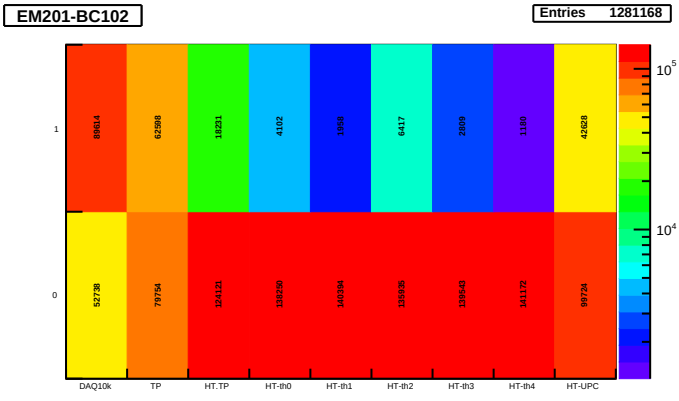

Endcap EMC L1 Input - HT-th0 Diff
Entries 16
EE101
EE102
1 7 8
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

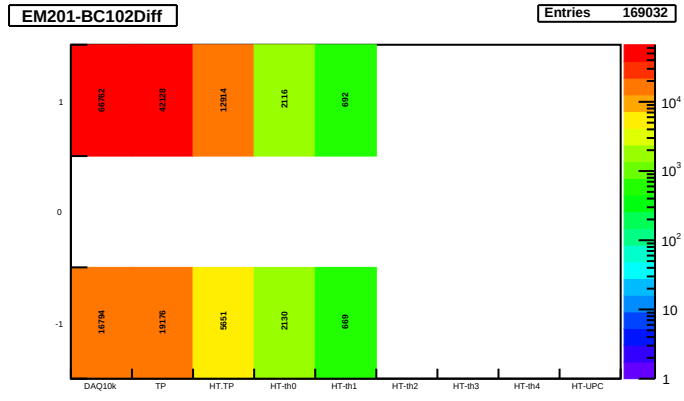

Endcap EMC L1 Input - HT-th1
Entries 1708224
EE101
EE102
258 70 97 255 274 86 86 244 282 44 102 285
142094 142282 142285 142097 142078 142265 142256 142108 142070 142268 142250 142067
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

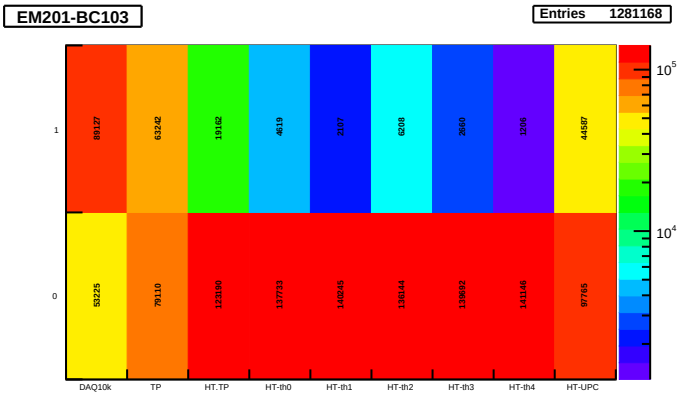

Endcap EMC L1 Input - HT-th1 Diff
Entries 5
EE101
EE102
3 2
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

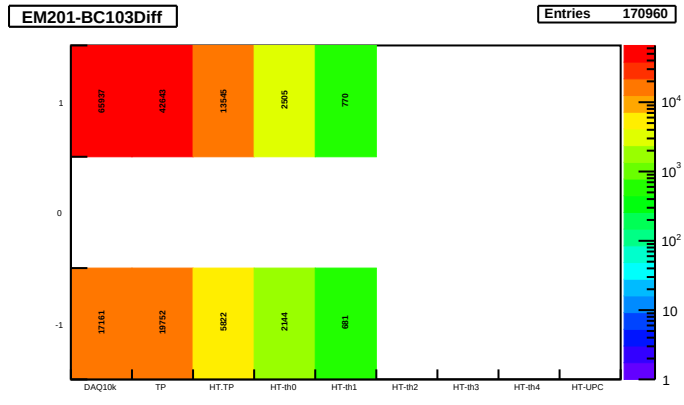

EM201-BC101
Entries 1281168
1
0
85960 66663 19294 4462 2233 6655 2953 1255 44768
56392 75689 123058 137900 140119 135897 139399 141097 97584
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^5
10^4

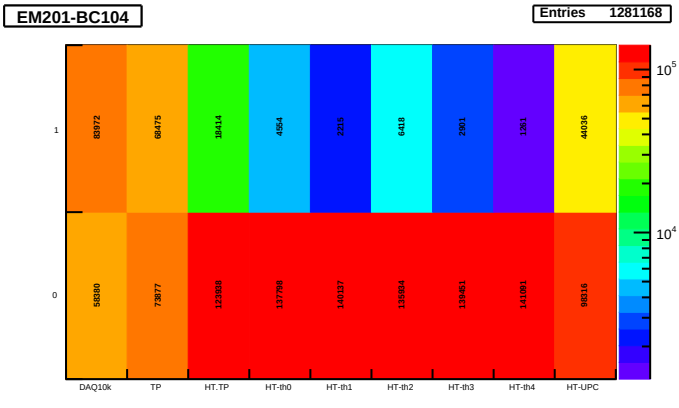

EM201-BC101Diff
Entries 170580
1
0
-1
63144 45814 13535 2310 767
17295 19362 5663 2095 695
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3
10^2
10
1

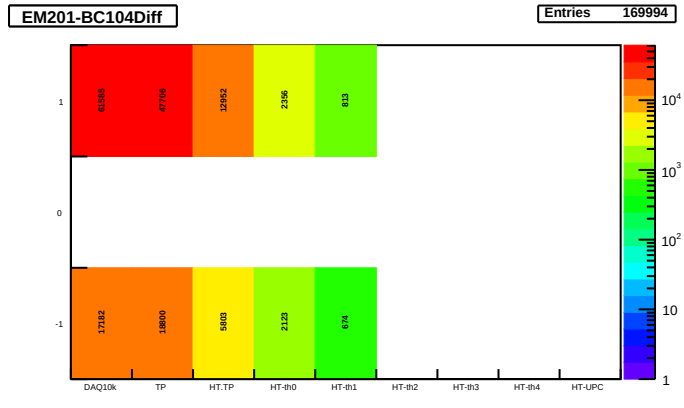

EM201-BC102
Entries 1281168
1
0
89614 62598 18231 4102 1958 6417 2309 1180 42628
52738 79754 124121 138250 140394 135935 139543 141172 99724
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^5
10^4


EM201-BC102Diff
Entries 169032
1
0
-1
65762 42128 12914 2116 692
16794 19176 5651 2130 669
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3
10^2
10
1

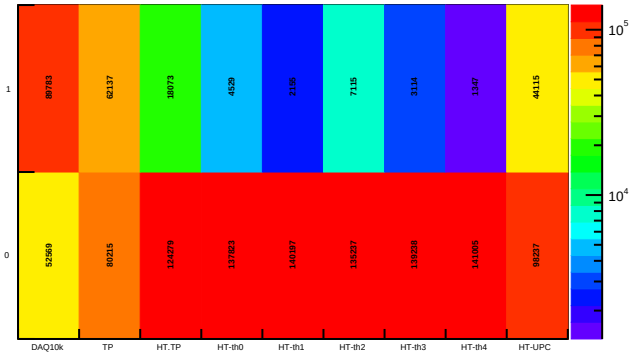

EM201-BC103
Entries 1281168
1
0
89127 63242 19162 4619 2107 6208 2650 1206 44587
53225 79110 123190 137733 140245 138144 138692 143146 97765
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^5
10^4


EM201-BC103Diff
Entries 170960
1
0
-1
65937 42643 13545 2905 770
17161 19752 5822 2144 681
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3
10^2
10
1

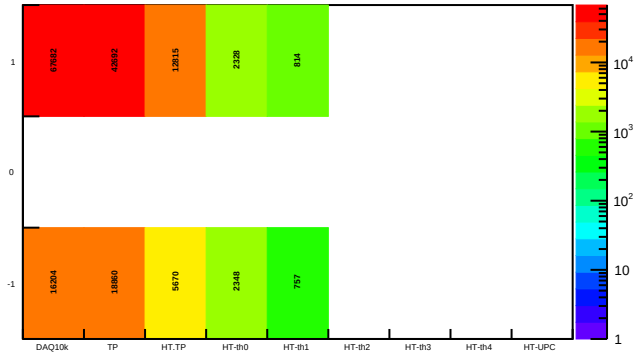

EM201-BC104
Entries 1281168
1
0
83972 68475 18414 4554 2215 6418 2601 1261 44036
58380 73877 123938 137798 140137 136924 139451 141691 98316
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^5
10^4


EM201-BC104Diff
Entries 169994
1
0
-1
61585 47706 12952 2396 813
17182 18800 5803 2123 674
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
10^4
10^3
10^2
10
1

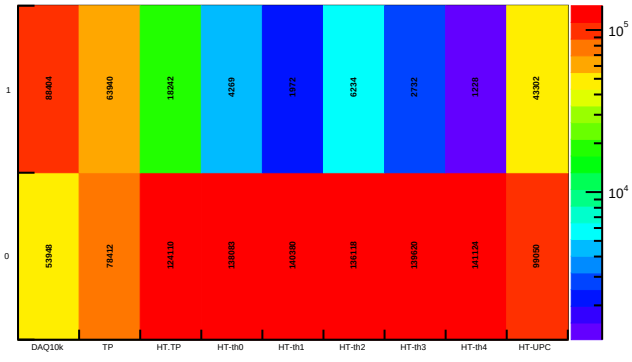
EM201-BC105 Entries 1281168



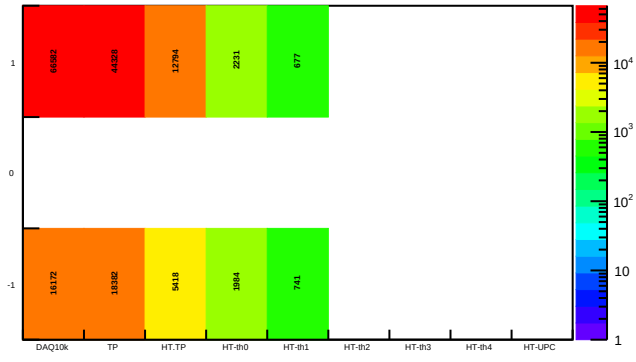
EM201-BC105Diff Entries 170170



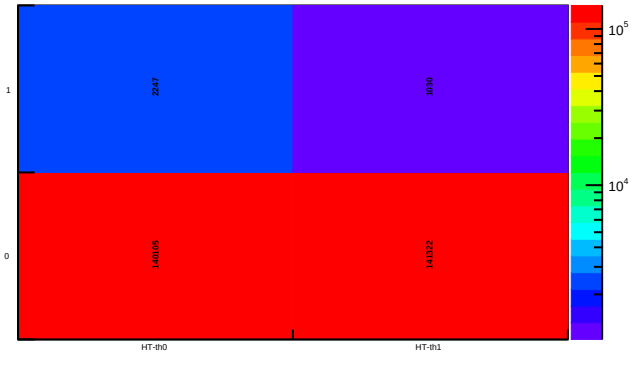
EM201-BC106 Entries 1281168



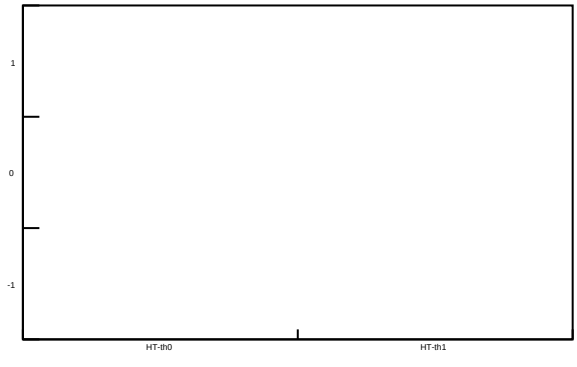
EM201-BC106Diff Entries 169309



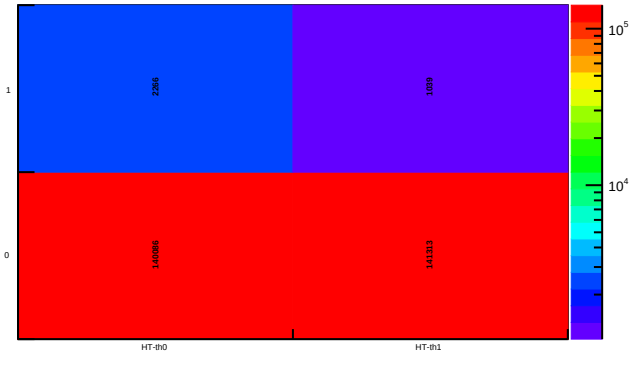
EM201-EE101 Entries 284704



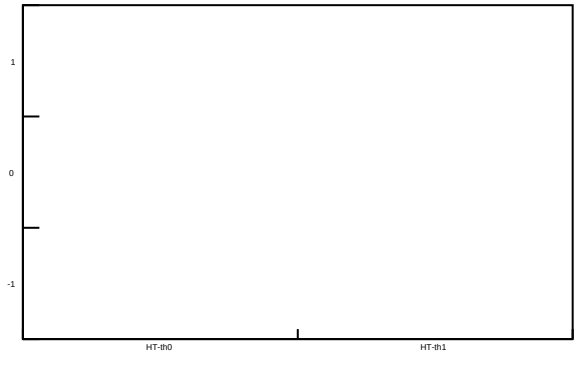
EM201-EE101Diff Entries 0

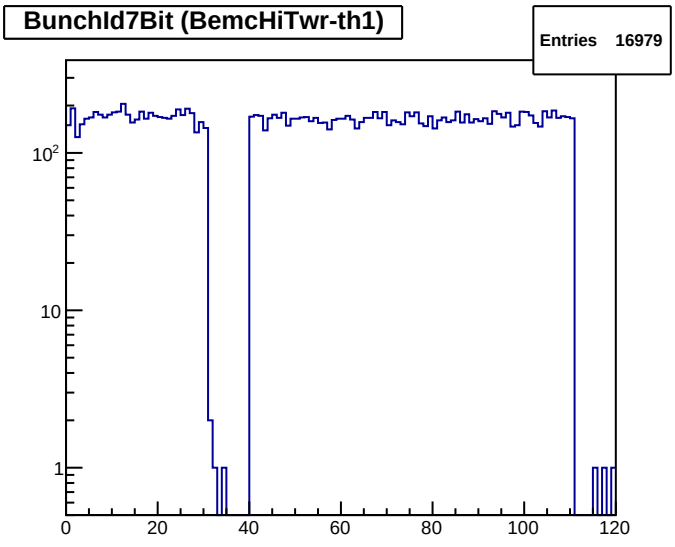


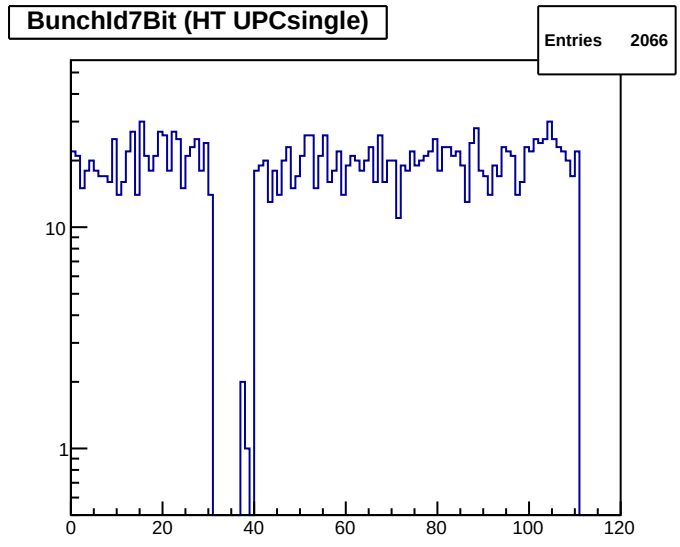
EM201-EE102 Entries 284704

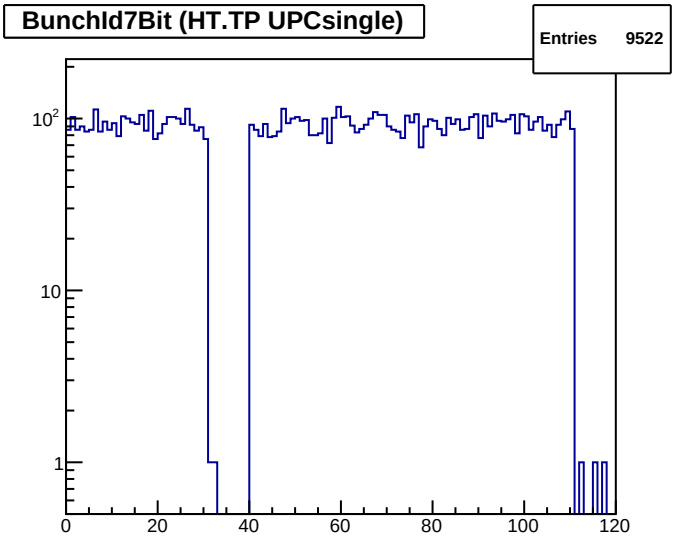


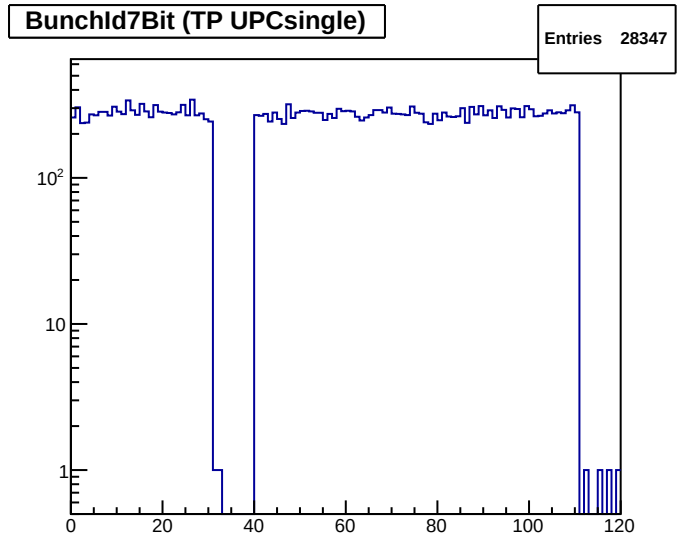
EM201-EE102Diff Entries 0

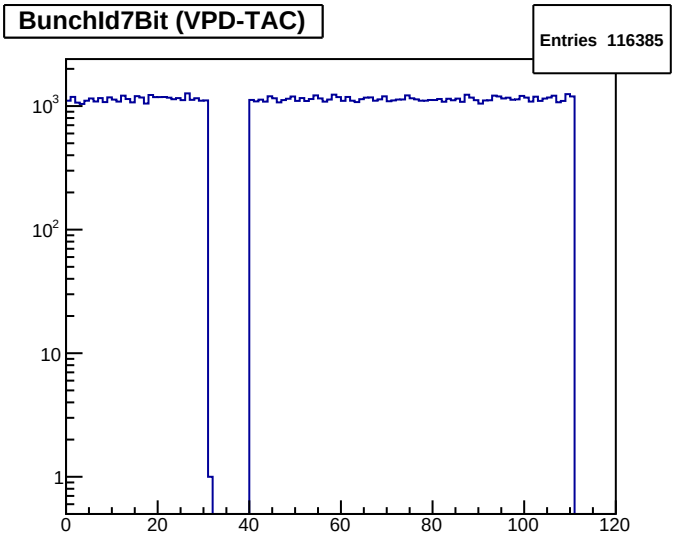


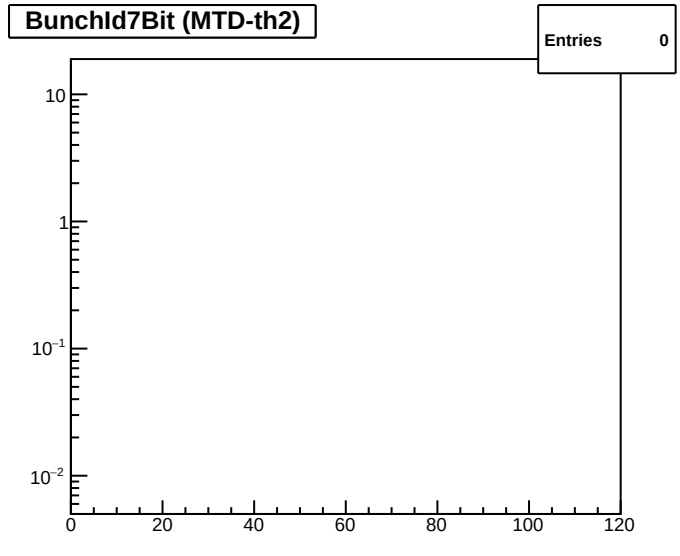

BunchId7Bit (BemcHiTwr-th1)
Entries 16979

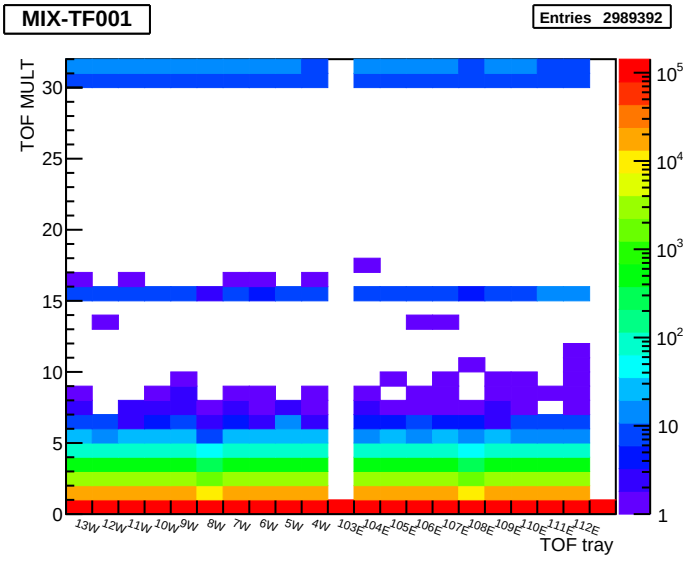

BunchId7Bit (HT UPCsingle)
Entries 2066

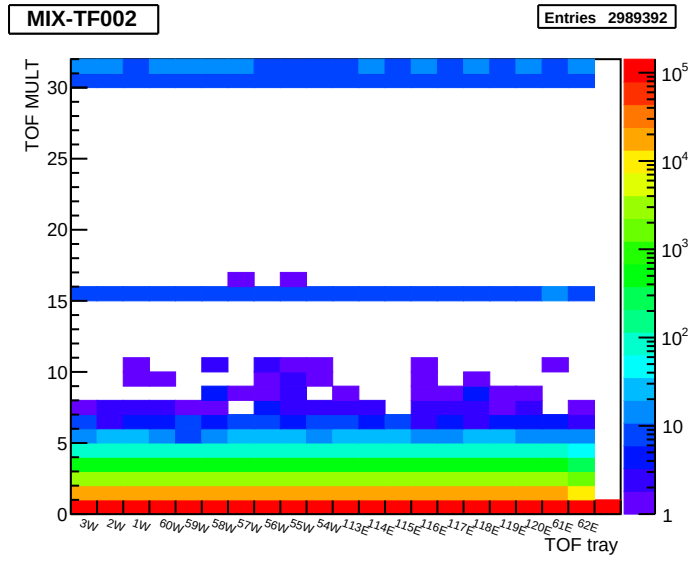

BunchId7Bit (HT.TP UPCsingle)
Entries 9522

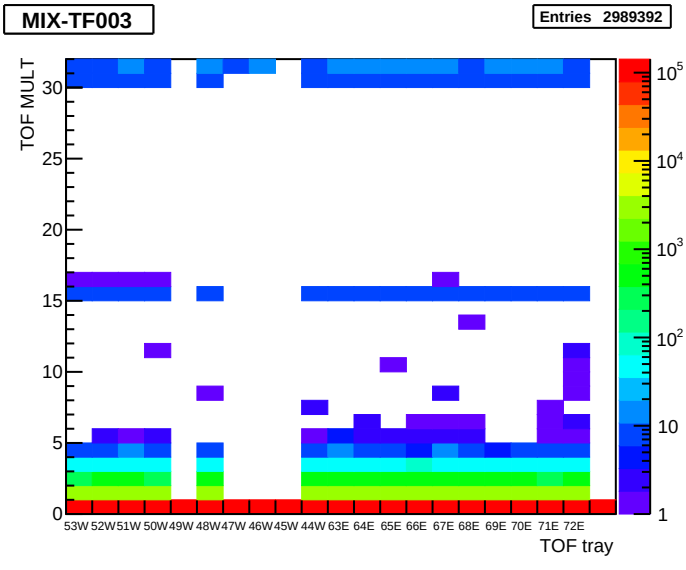

BunchId7Bit (TP UPCsingle)
Entries 28347

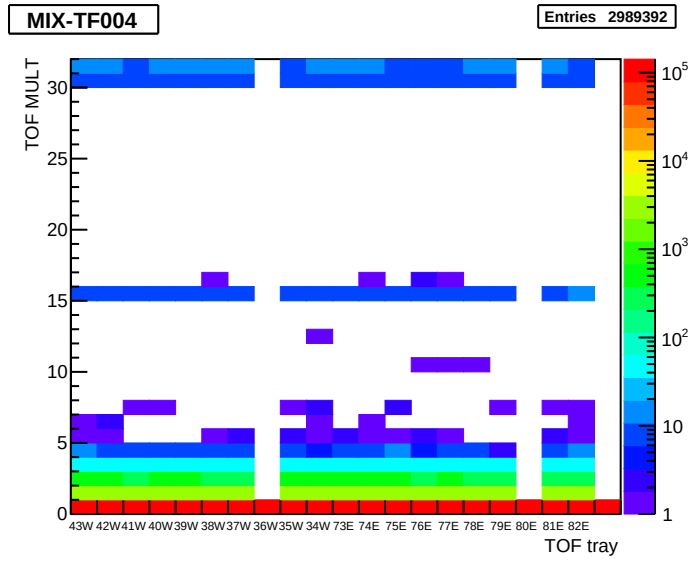

BunchId7Bit (VPD-TAC)
Entries 116385

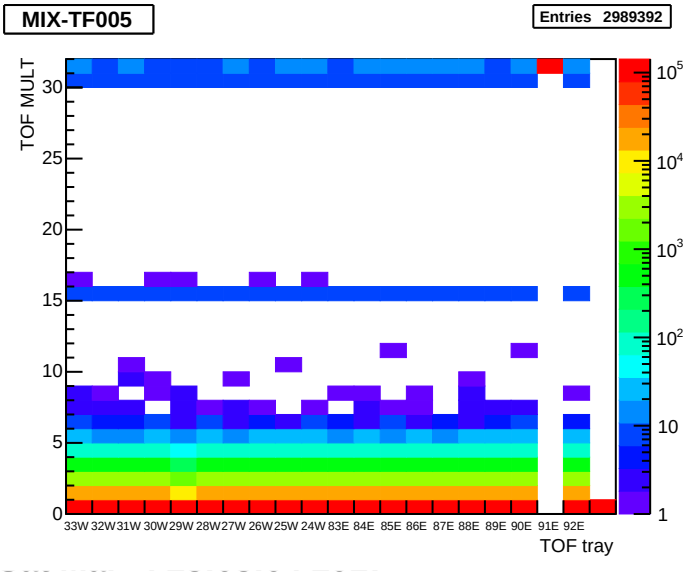

BunchId7Bit (MTD-th2)
Entries 0

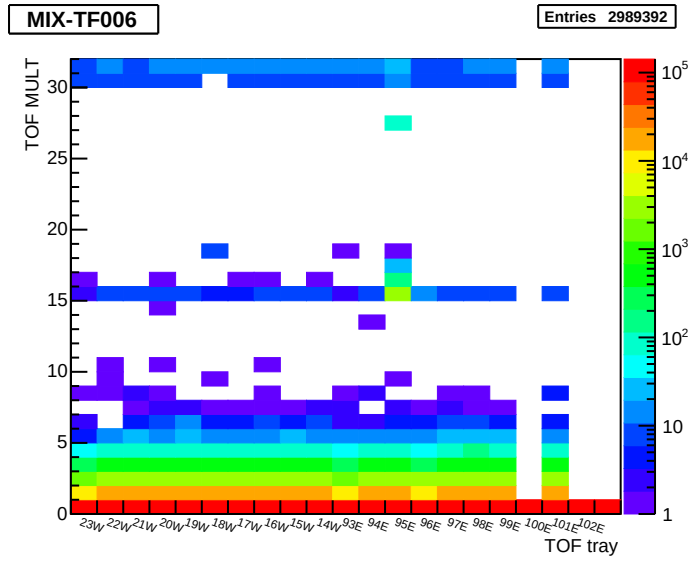

MIX-TF001
Entries 2989392
TOF MULT
TOF tray

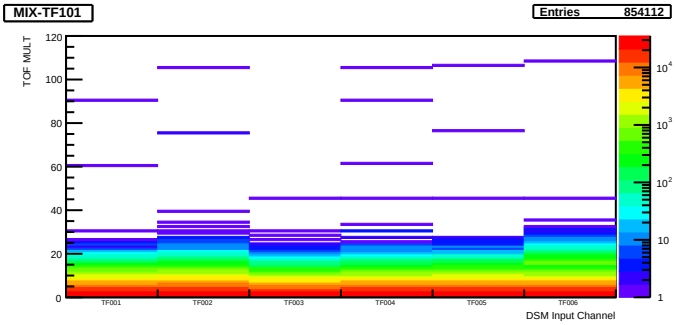

MIX-TF002
Entries 2989392
TOF MULT
TOF tray

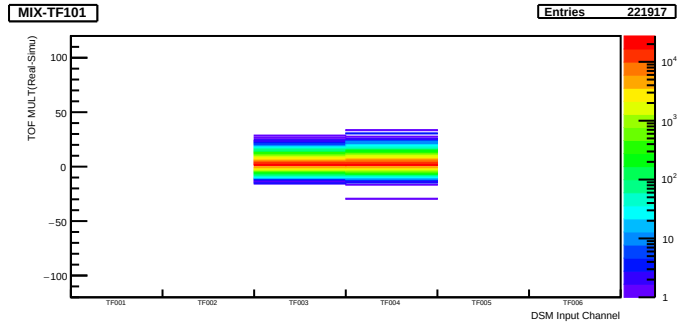

MIX-TF003
Entries 2989392
TOF MULT
TOF tray

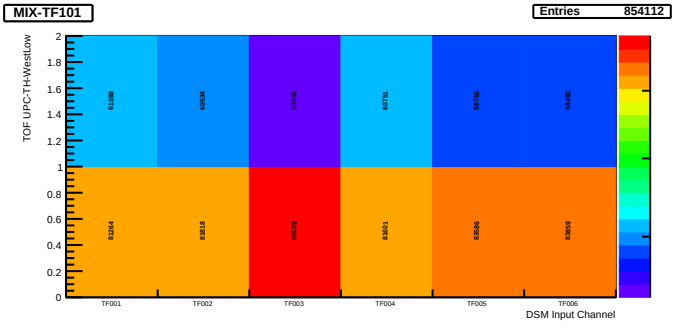

MIX-TF004
Entries 2989392
TOF MULT
TOF tray

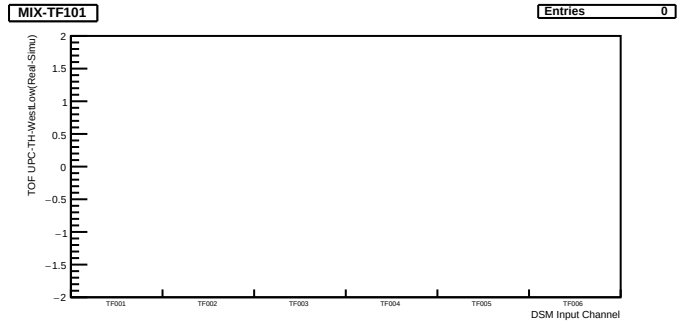

MIX-TF005
Entries 2989392
TOF MULT
TOF tray

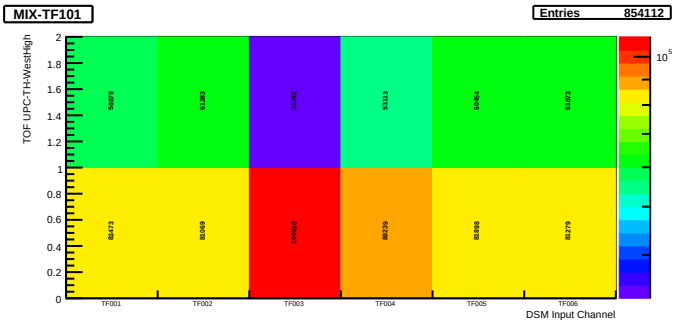

MIX-TF006
Entries 2989392
TOF MULT
TOF tray

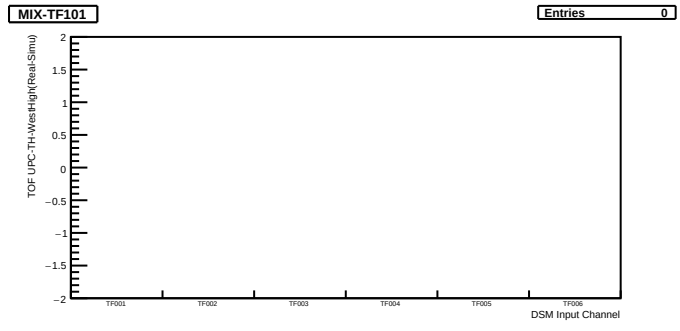

MIX-TF101
Entries 854112
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

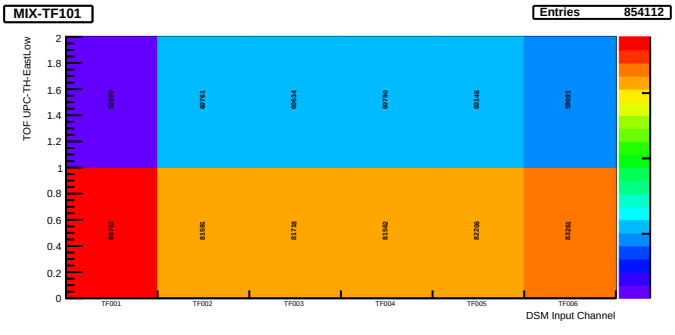

MIX-TF101
Entries 221917
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

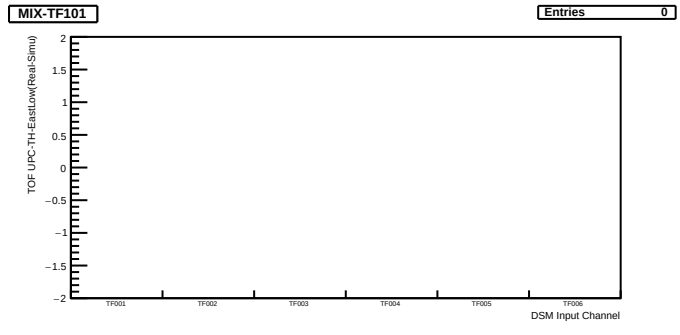

MIX-TF101
Entries 854112
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

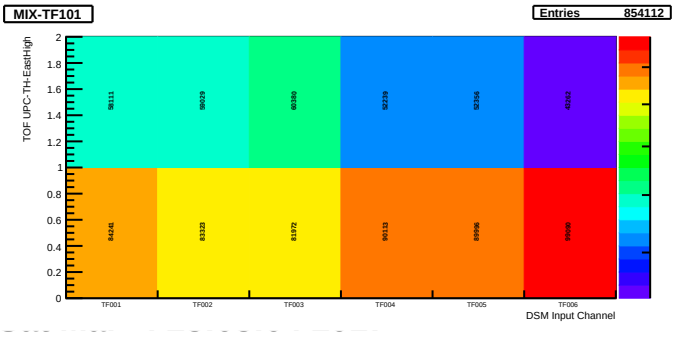

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

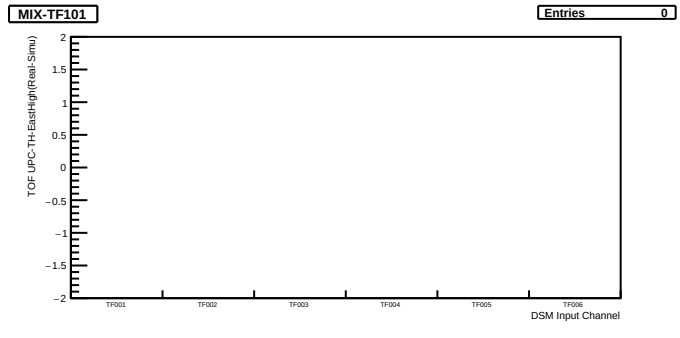

MIX-TF101
Entries 854112
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

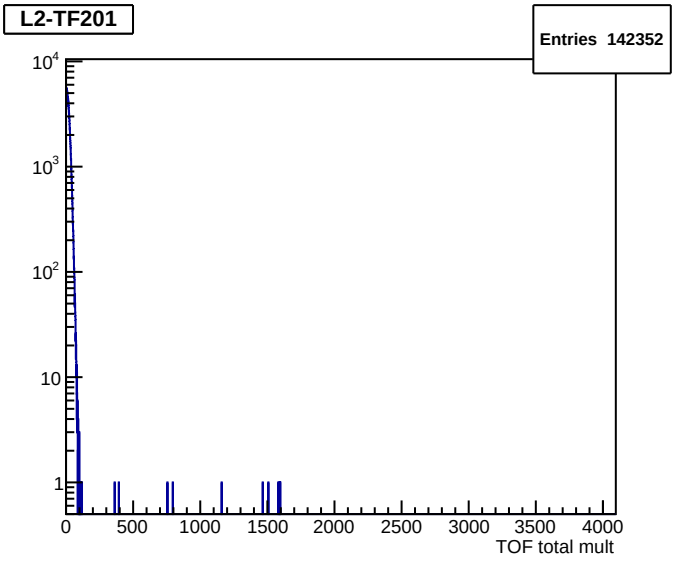

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

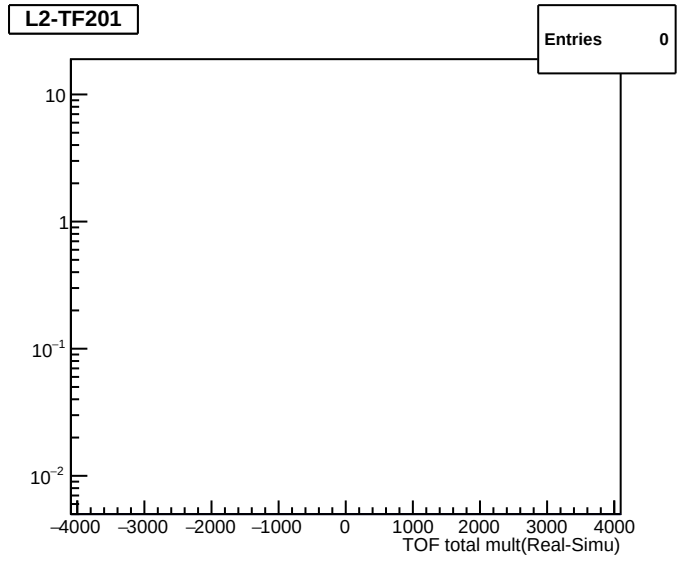

MIX-TF101
Entries 854112
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

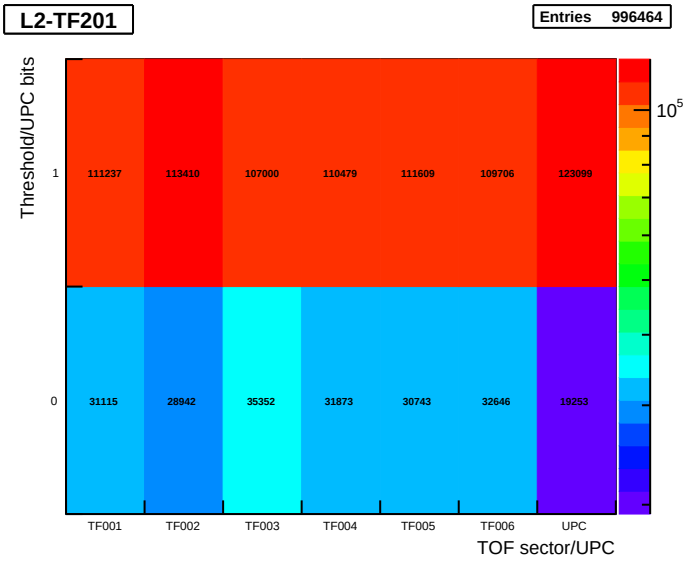

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

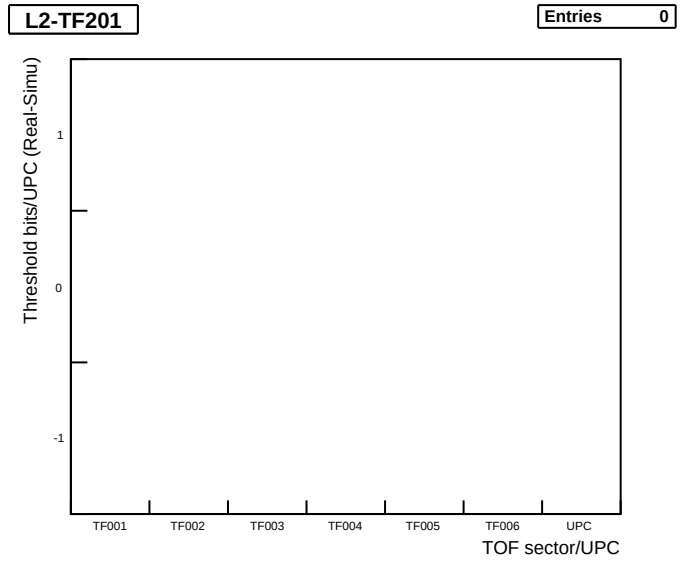

MIX-TF101
Entries 854112
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

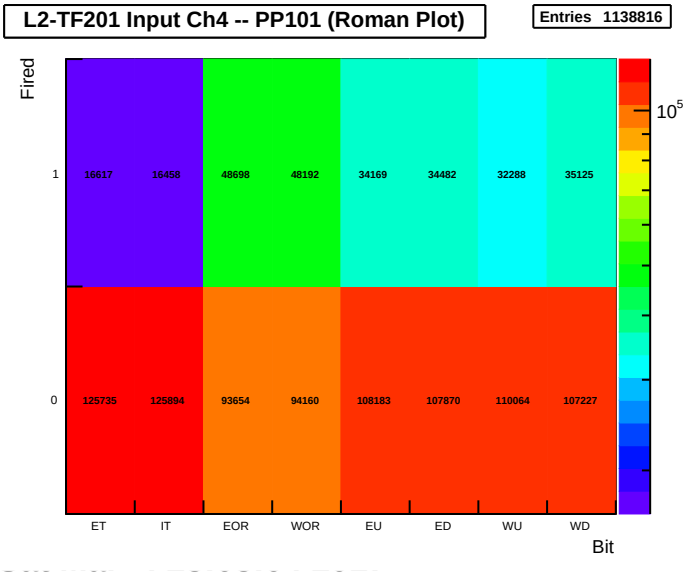

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

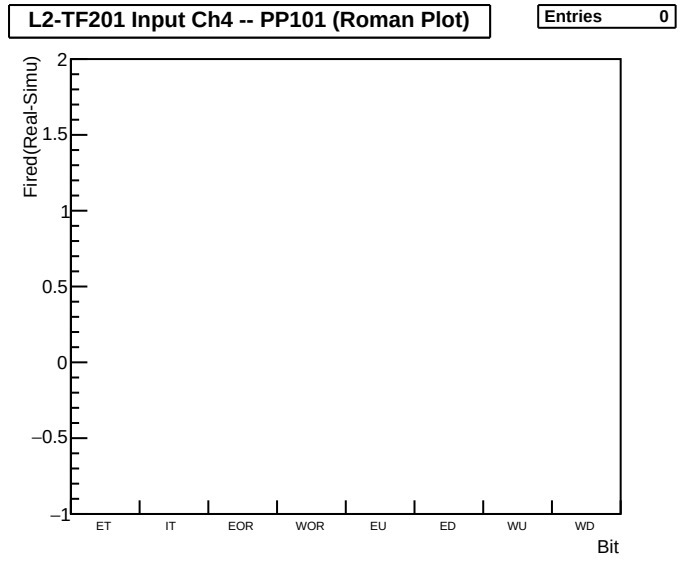

L2-TF201
Entries 142352
TOF total mult

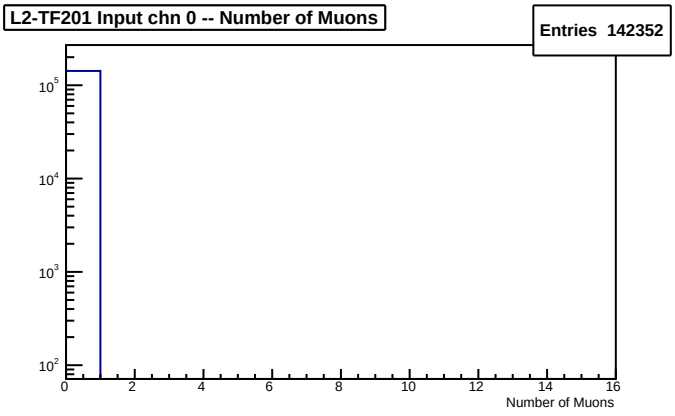

L2-TF201
Entries 0
TOF total mult(Real-Simu)

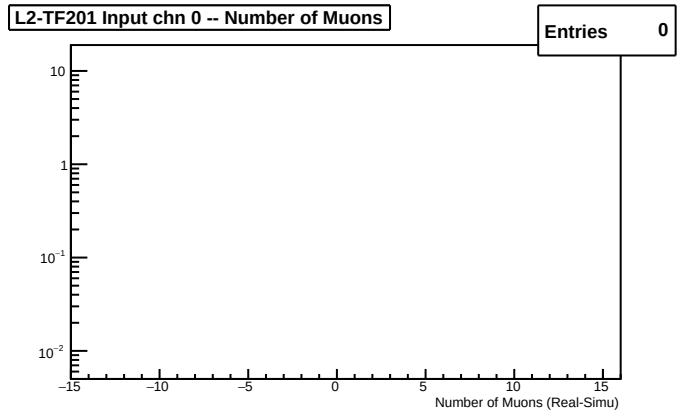

L2-TF201
Entries 996464
Threshold/UPC bits
111237
113410
107000
110479
111609
109706
123099
31115
28942
35352
31873
30743
32646
19253
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

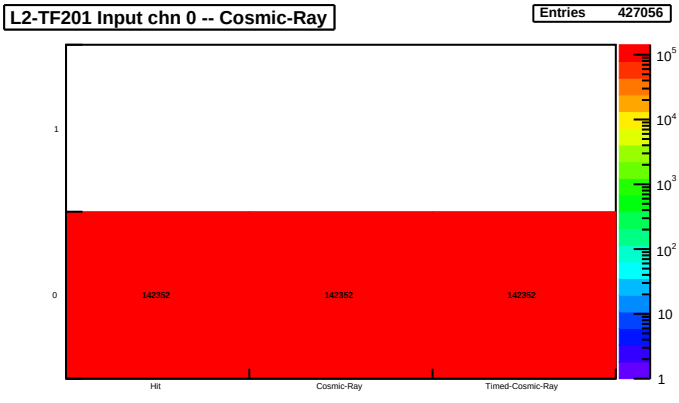

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

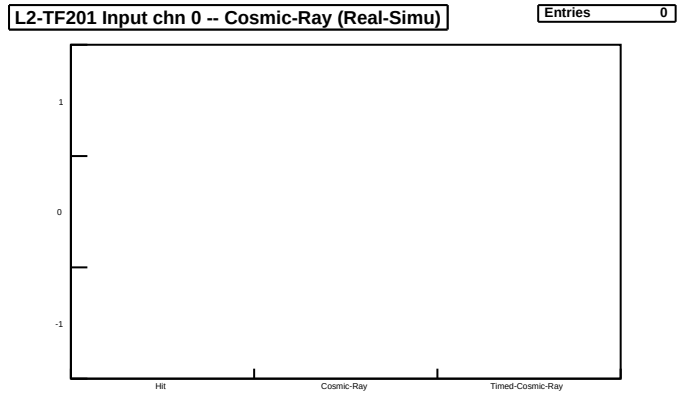

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1138816
Fired
16617
16458
48698
48192
34169
34482
32288
35125
125735
125894
93654
94160
108183
107870
110064
107227
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

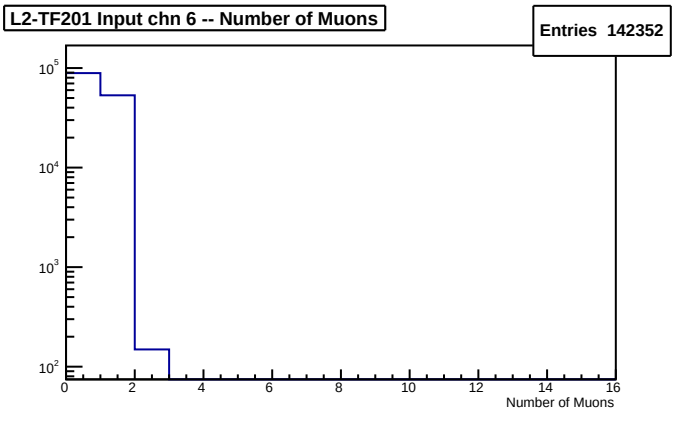

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

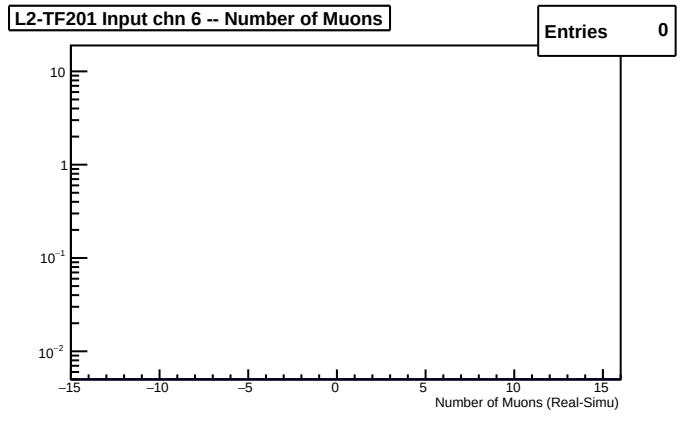

L2-TF201 Input chn 0 -- Number of Muons
Entries 142352
Number of Muons

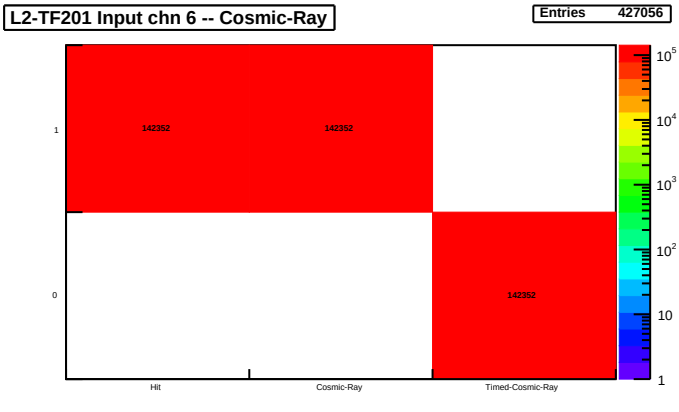

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

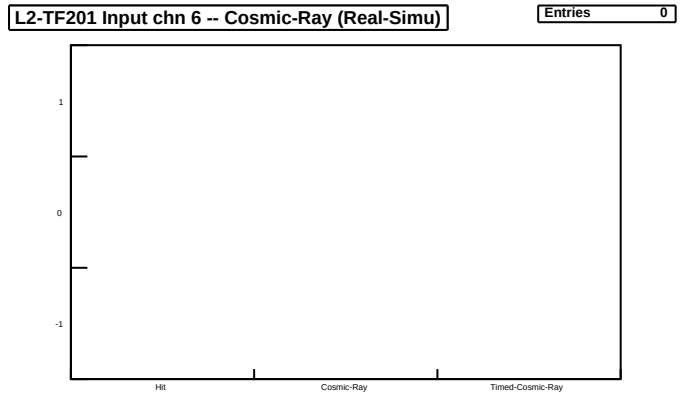

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 427056
142352
142352
142352
Hit
Cosmic-Ray
Timed-Cosmic-Ray

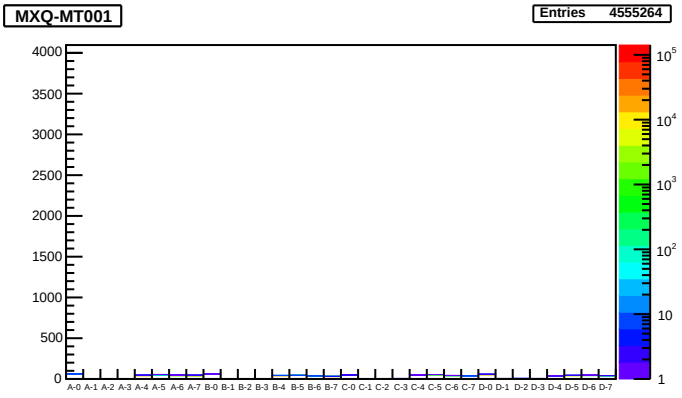

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

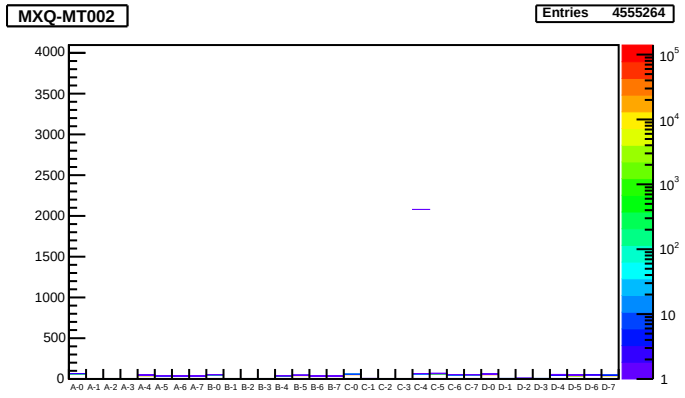

L2-TF201 Input chn 6 -- Number of Muons
Entries 142352
Number of Muons

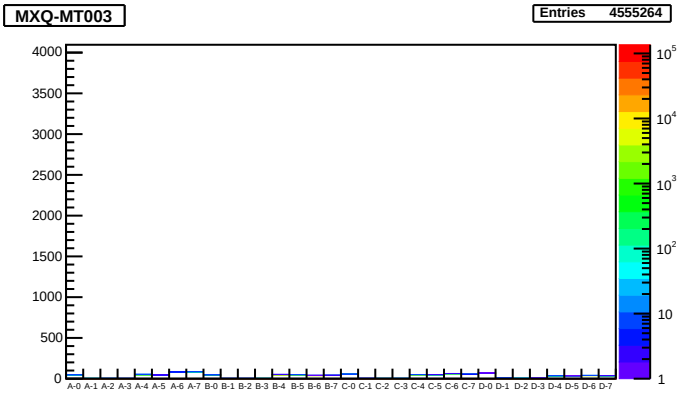

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

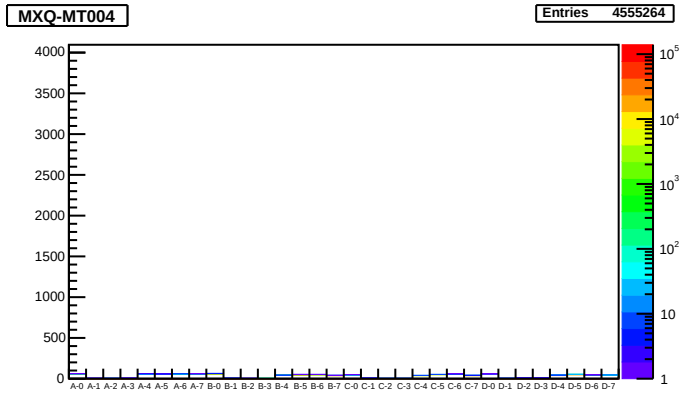

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 427056
142352
142352
142352
Hit
Cosmic-Ray
Timed-Cosmic-Ray

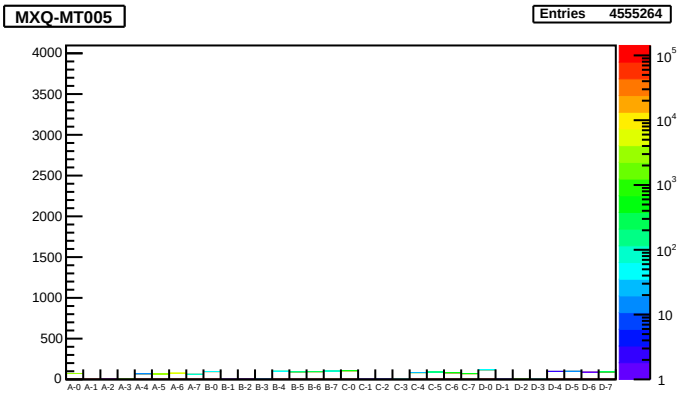

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

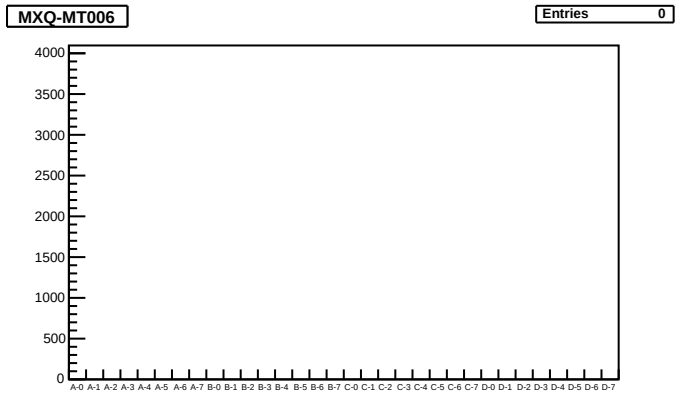

MXQ-MT001
Entries 4555264

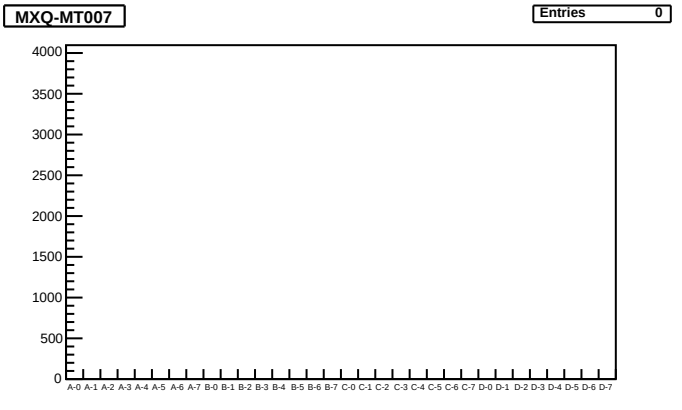

MXQ-MT002
Entries 4555264

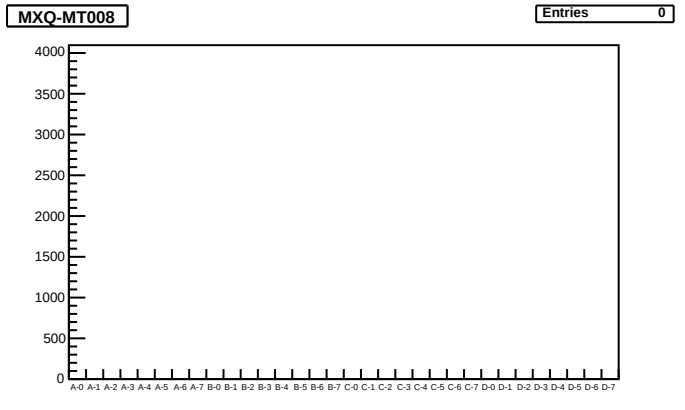

MXQ-MT003
Entries 4555264

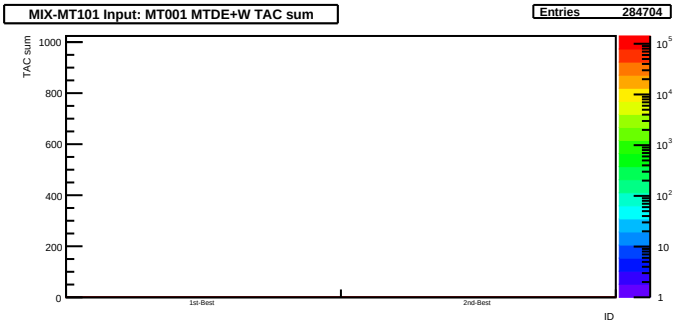

MXQ-MT004
Entries 4555264

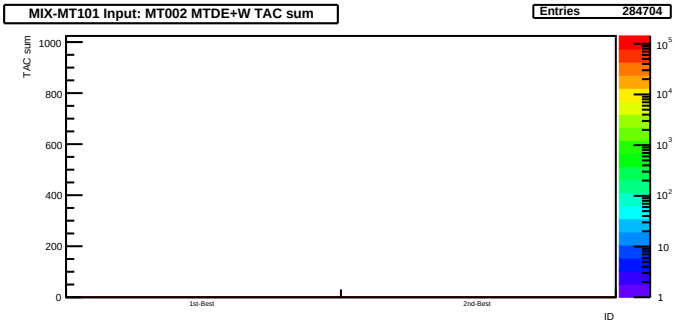

MXQ-MT005
Entries 4555264

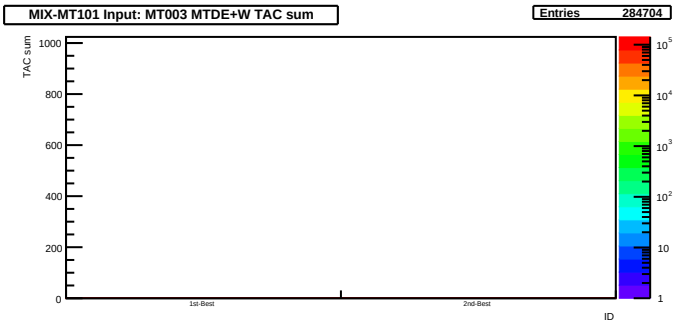

MXQ-MT006
Entries 0

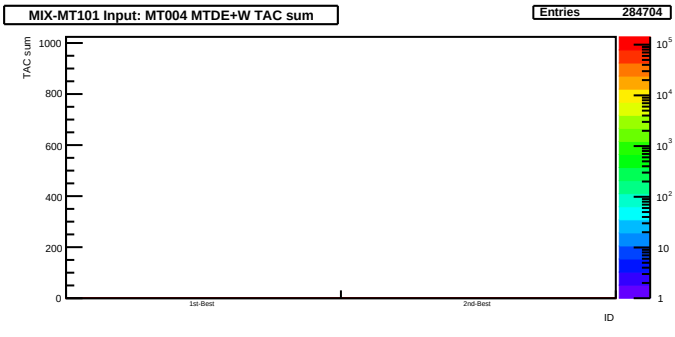

MXQ-MT007
Entries 0

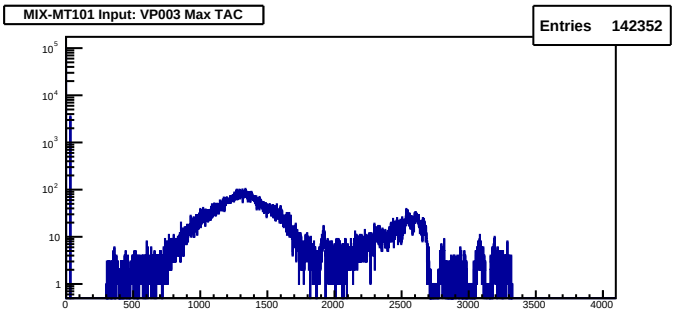

MXQ-MT008
Entries 0

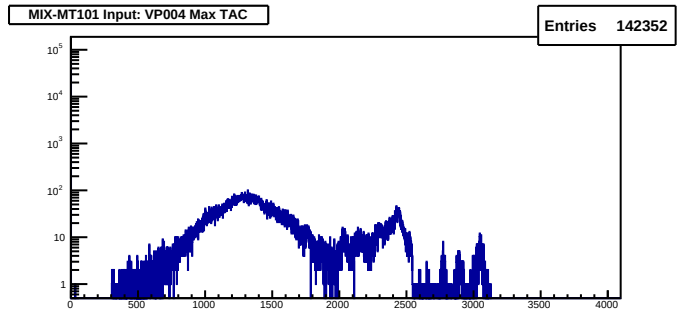

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 284704
TAC sum
1st-Best
2nd-Best
ID

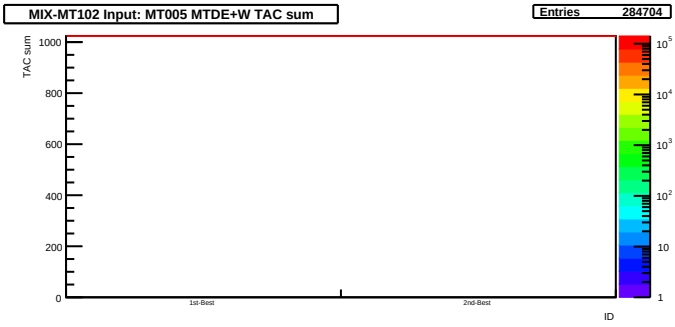

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 284704
TAC sum
1st-Best
2nd-Best
ID

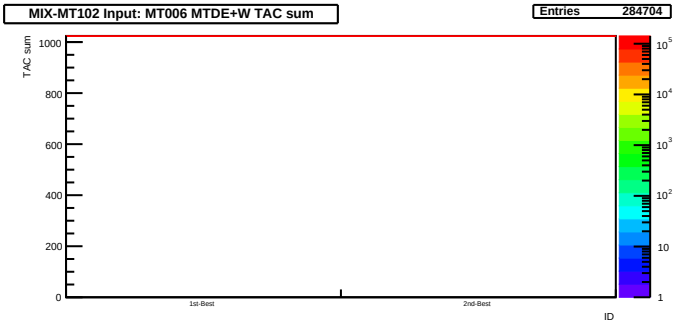

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 284704
TAC sum
1st-Best
2nd-Best
ID

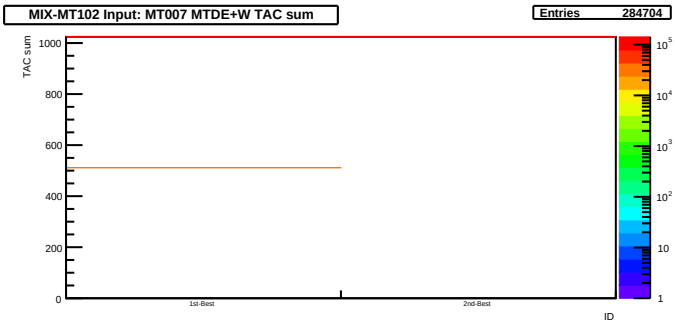

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 284704
TAC sum
1st-Best
2nd-Best
ID

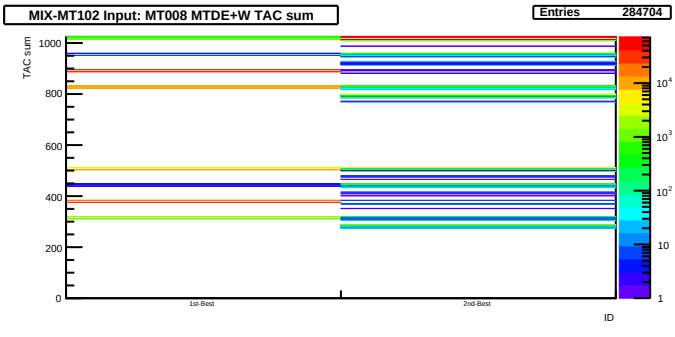

MIX-MT101 Input: VP003 Max TAC
Entries 142352

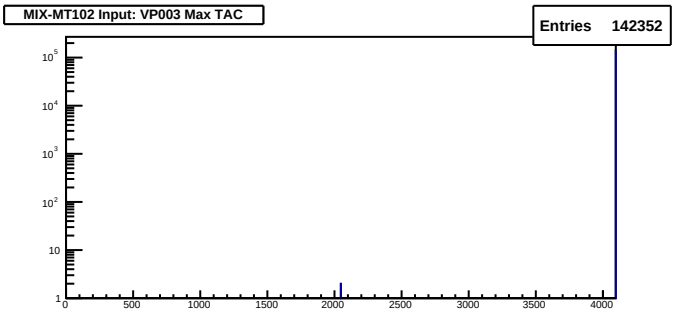

MIX-MT101 Input: VP004 Max TAC
Entries 142352

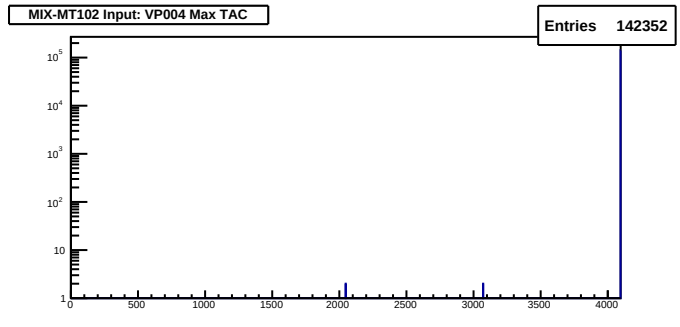

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 284704
TAC sum
1st-Best
2nd-Best
ID

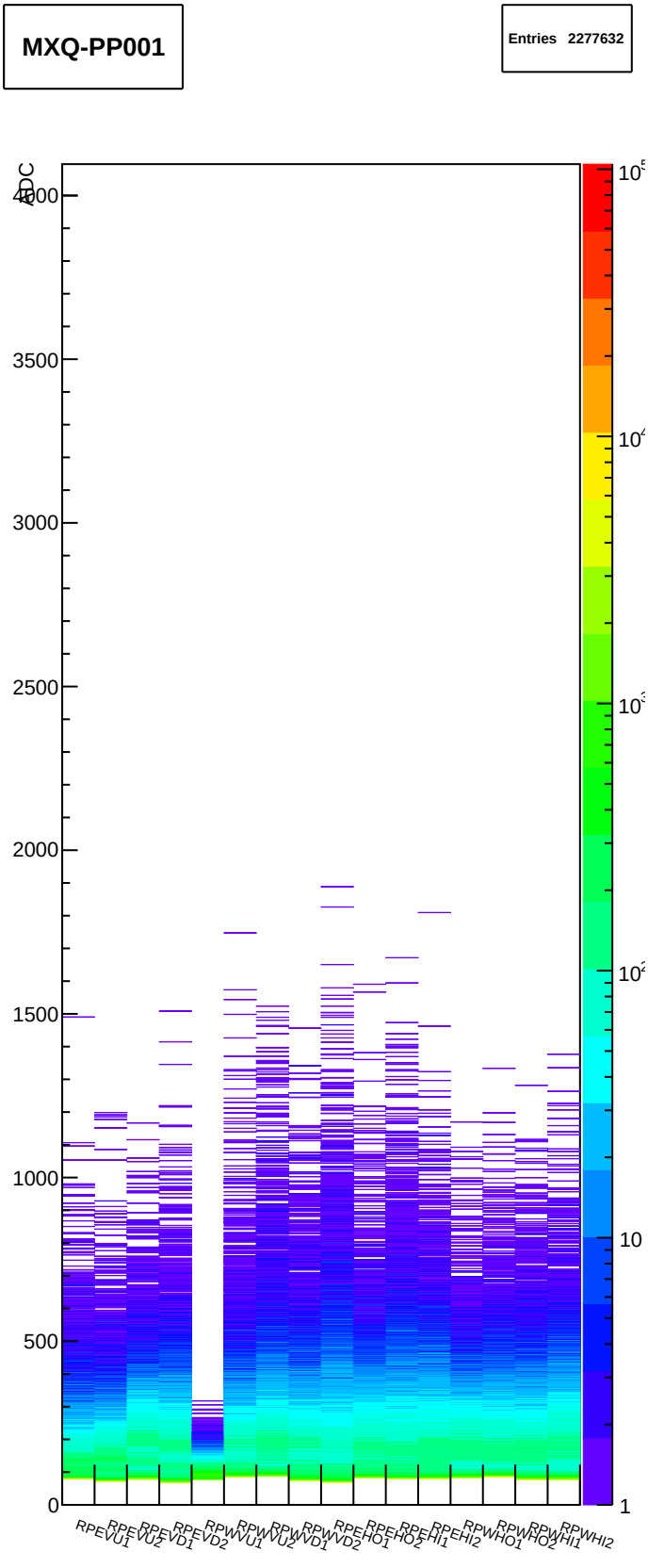

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 284704
TAC sum
1st-Best
2nd-Best
ID

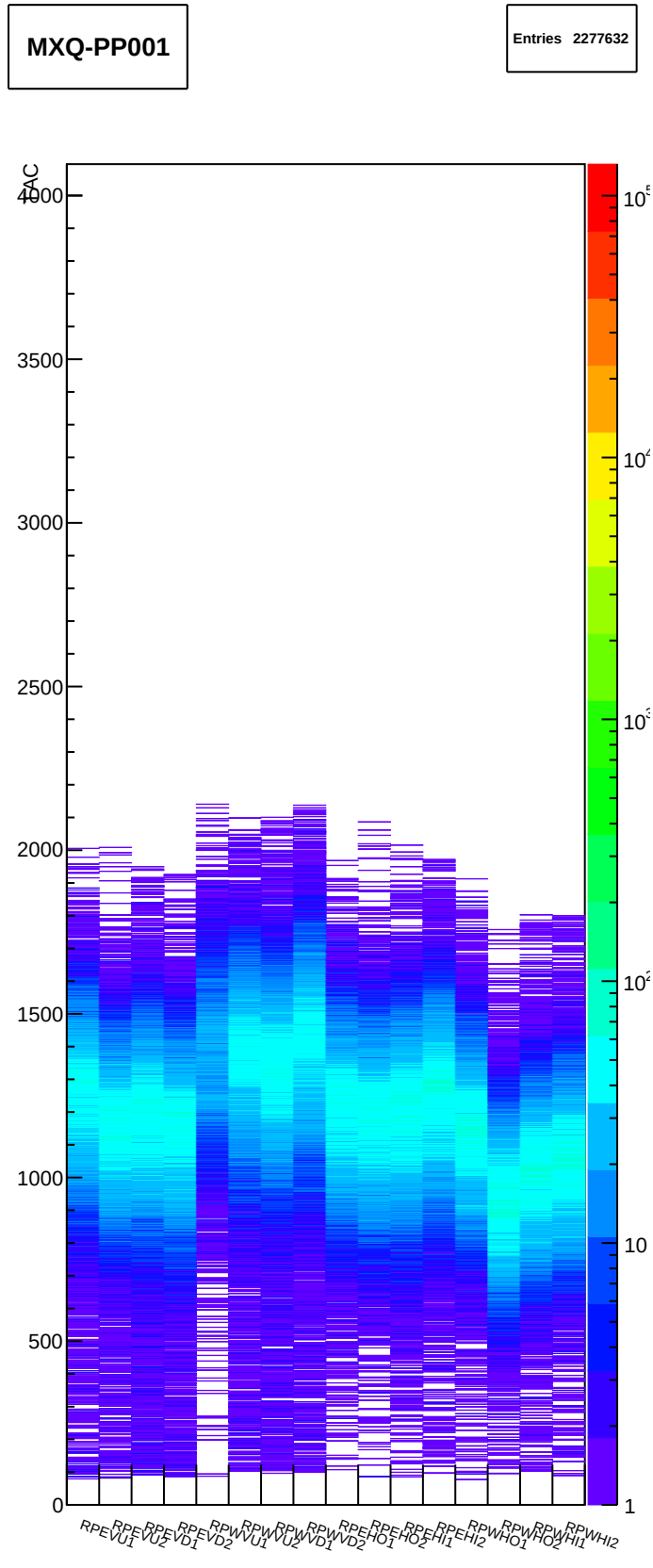

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 284704
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 284704
TAC sum
1st-Best
2nd-Best
ID


MIX-MT102 Input: VP003 Max TAC
Entries 142352


MIX-MT102 Input: VP004 Max TAC
Entries 142352


MXQ-PP001
Entries 2277632
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10


MXQ-PP001
Entries 2277632
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
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RPEHO2
RPEHI1
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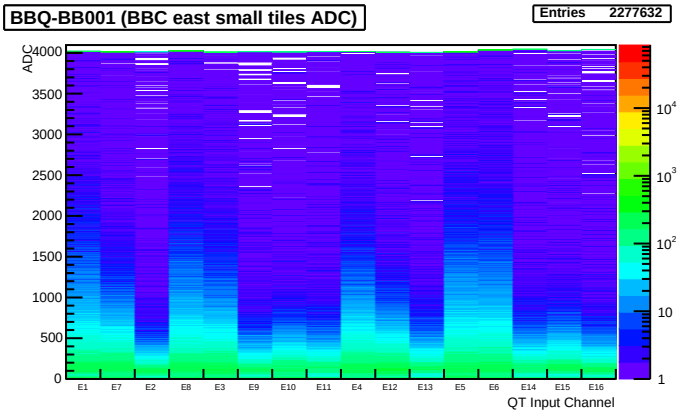
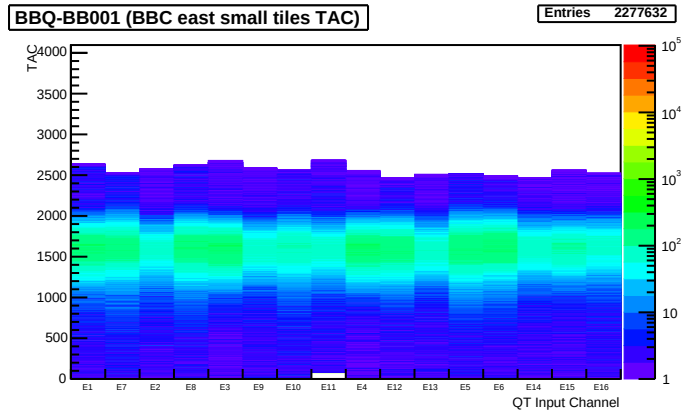
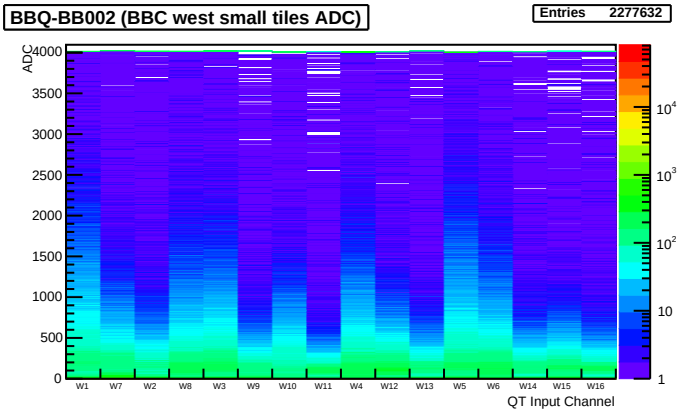
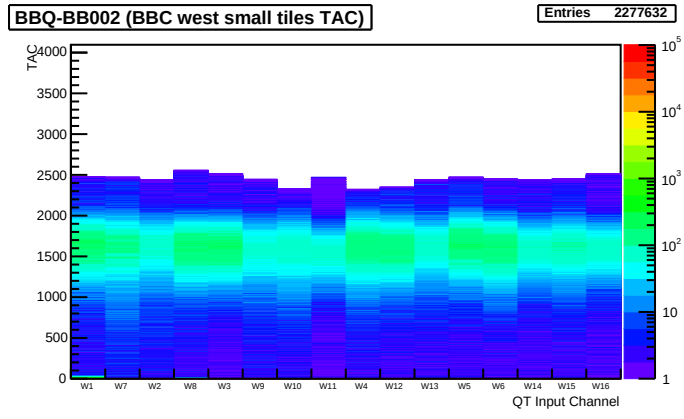
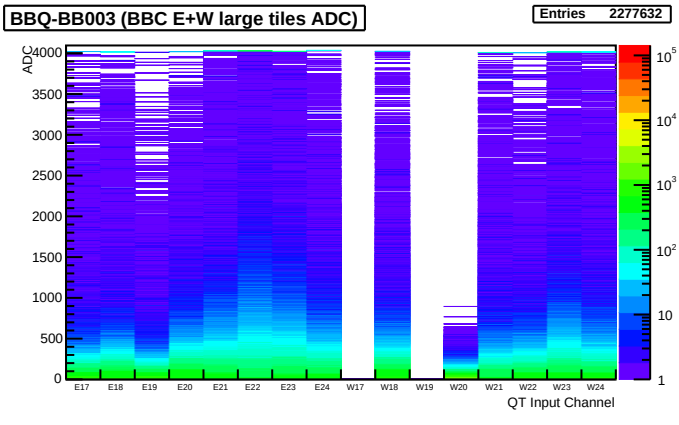
RPWHO2
RPWHI1
RPWHI2
1
10

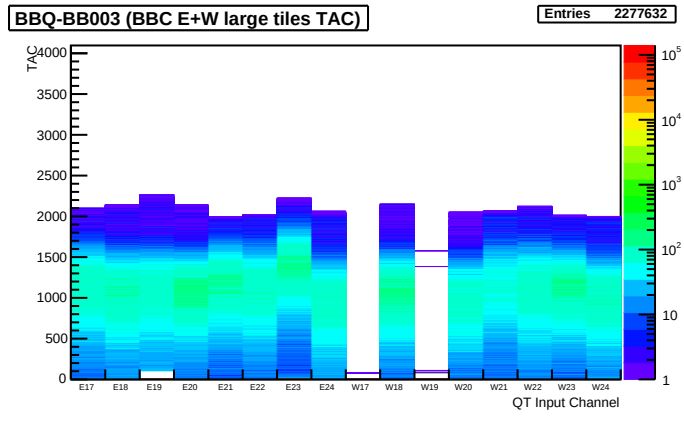

BBQ-BB001 (BBC east small tiles ADC)
Entries 2277632
ADC
QT Input Channel

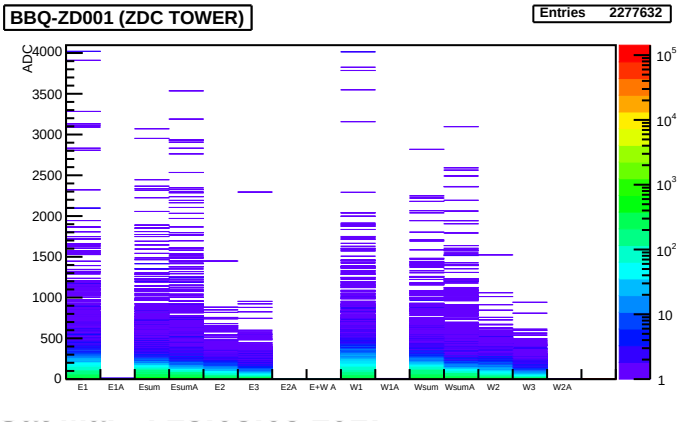

BBQ-BB001 (BBC east small tiles TAC)
Entries 2277632
TAC
QT Input Channel

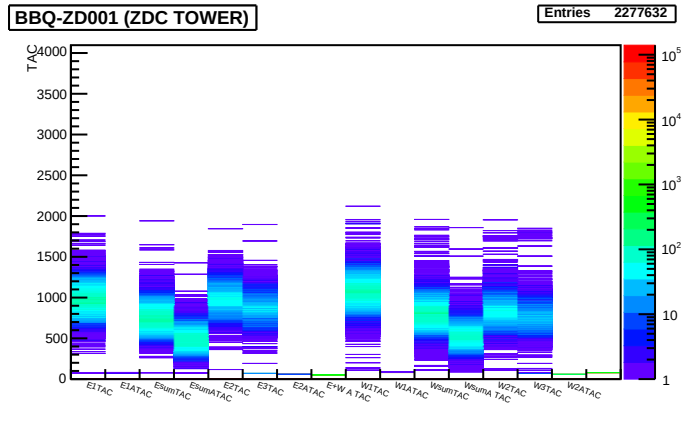

BBQ-BB002 (BBC west small tiles ADC)
Entries 2277632
ADC
QT Input Channel

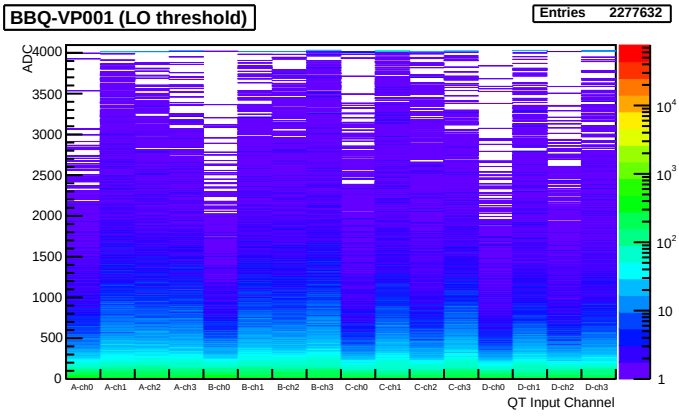

BBQ-BB002 (BBC west small tiles TAC)
Entries 2277632
TAC
QT Input Channel

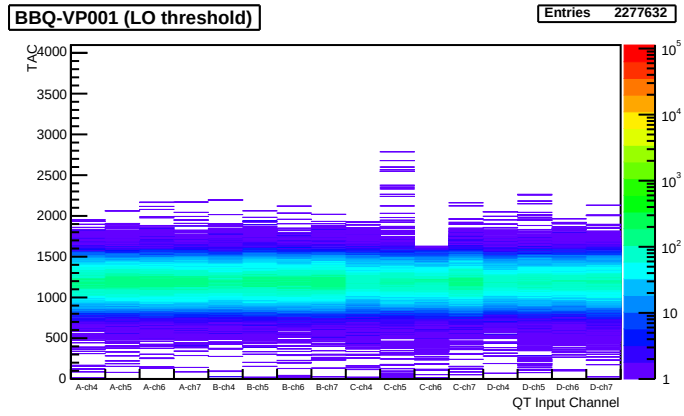

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2277632
ADC
QT Input Channel

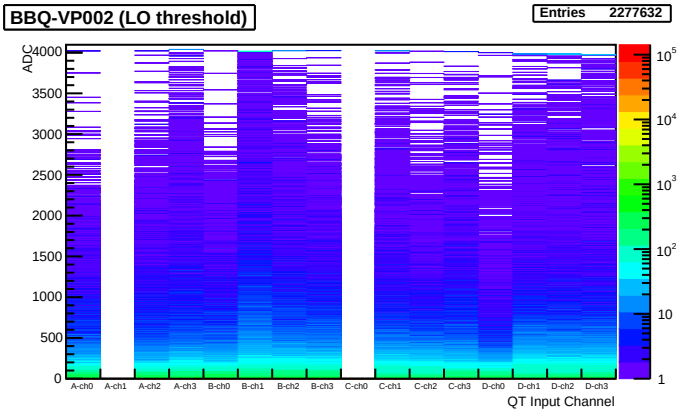

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2277632
TAC
QT Input Channel

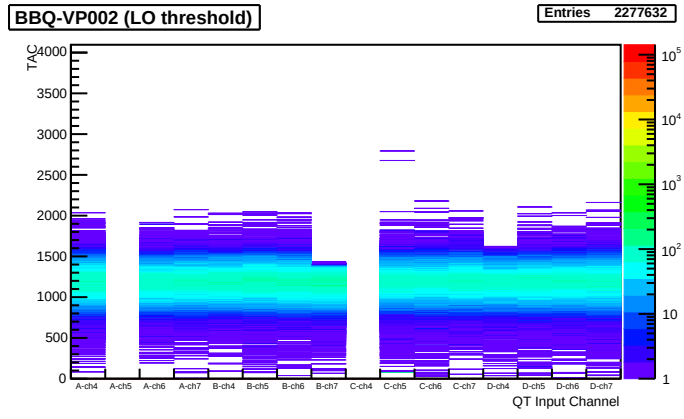

BBQ-ZD001 (ZDC TOWER)
Entries 2277632
ADC

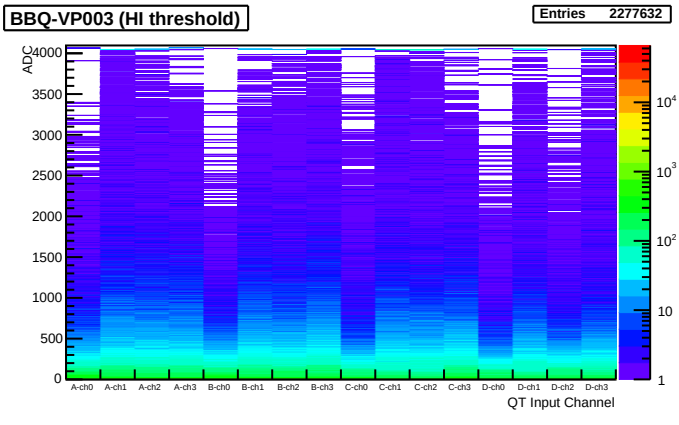

BBQ-ZD001 (ZDC TOWER)
Entries 2277632
TAC

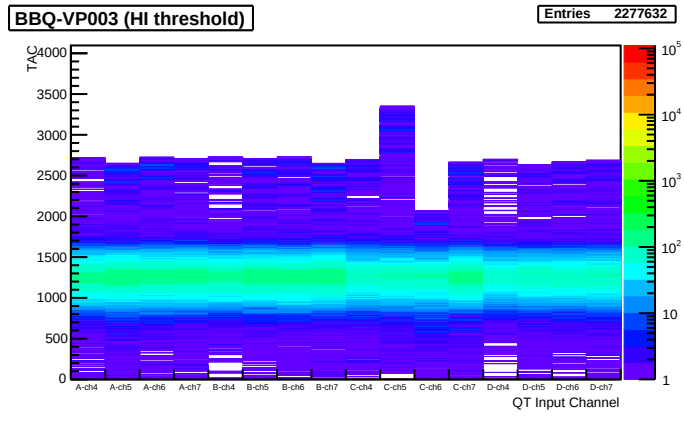

BBQ-VP001 (LO threshold)
Entries 2277632
ADC
QT Input Channel

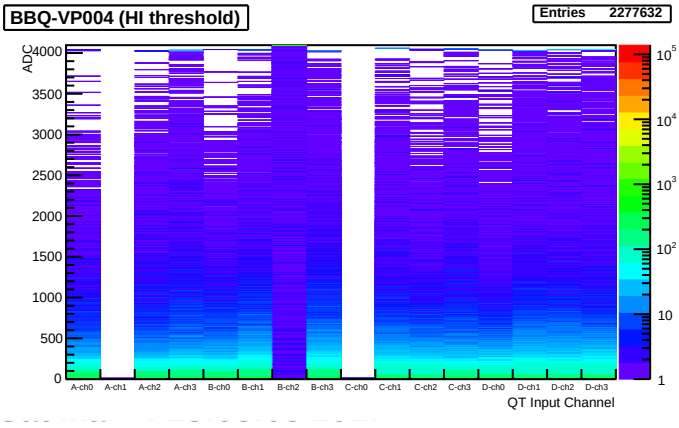

BBQ-VP001 (LO threshold)
Entries 2277632
TAC
QT Input Channel

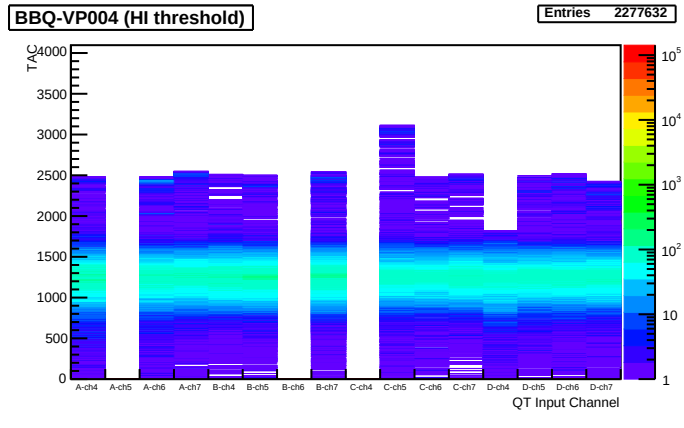

BBQ-VP002 (LO threshold)
Entries 2277632
ADC
QT Input Channel

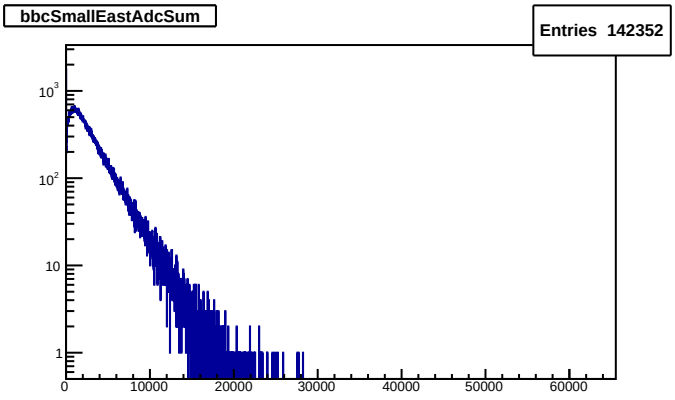

BBQ-VP002 (LO threshold)
Entries 2277632
TAC
QT Input Channel

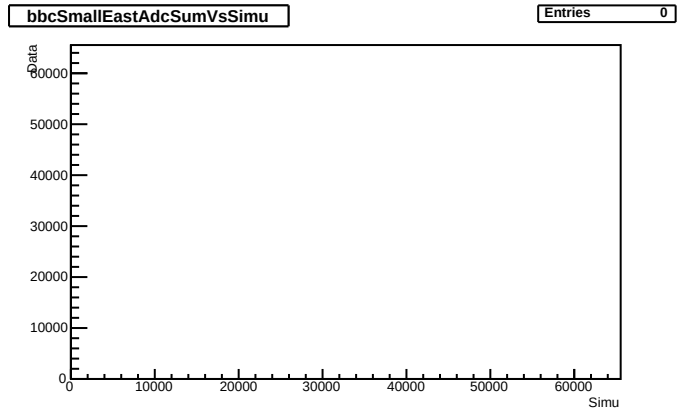

BBQ-VP003 (HI threshold)
Entries 2277632
ADC
QT Input Channel

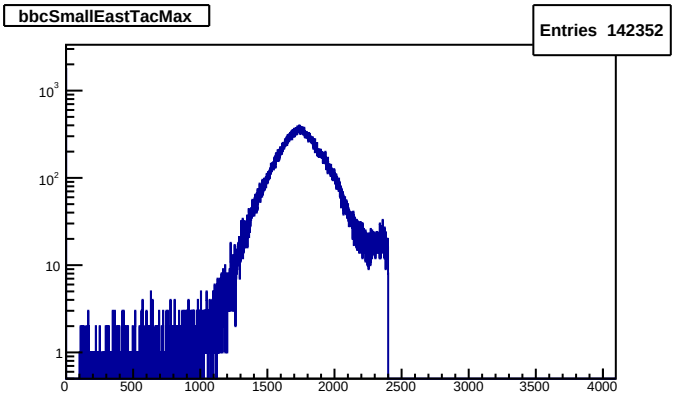

BBQ-VP003 (HI threshold)
Entries 2277632
TAC
QT Input Channel

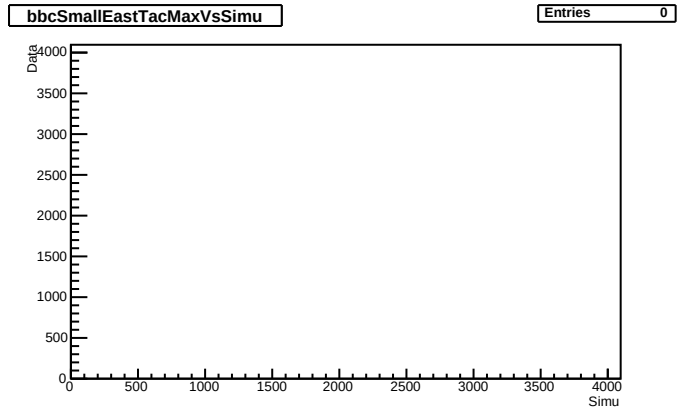

BBQ-VP004 (HI threshold)
Entries 2277632
ADC
QT Input Channel

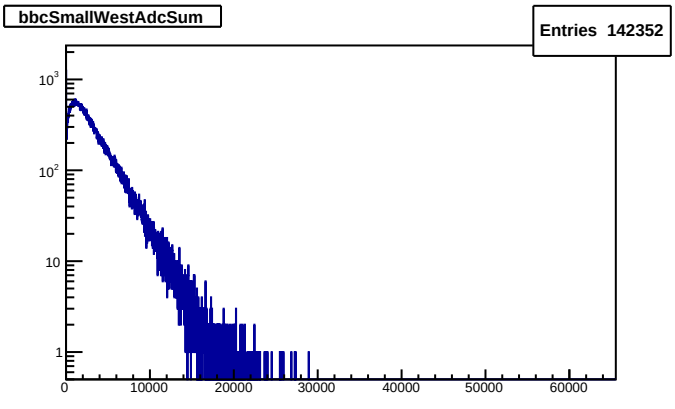

BBQ-VP004 (HI threshold)
Entries 2277632
TAC
QT Input Channel

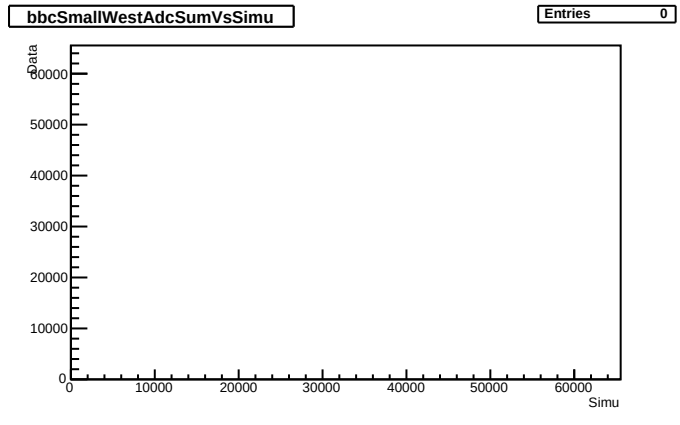

bbcSmallEastAdcSum
Entries 142352

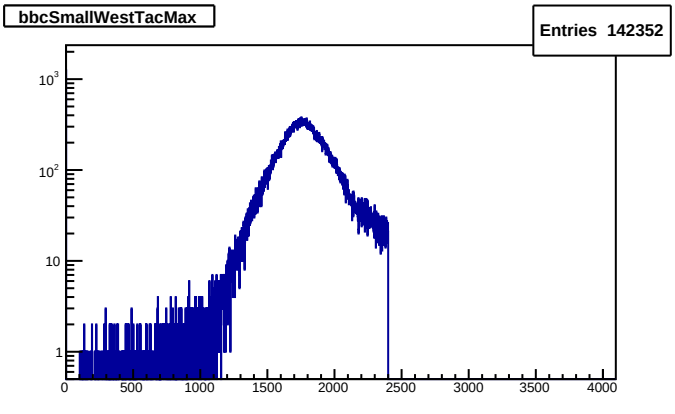

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

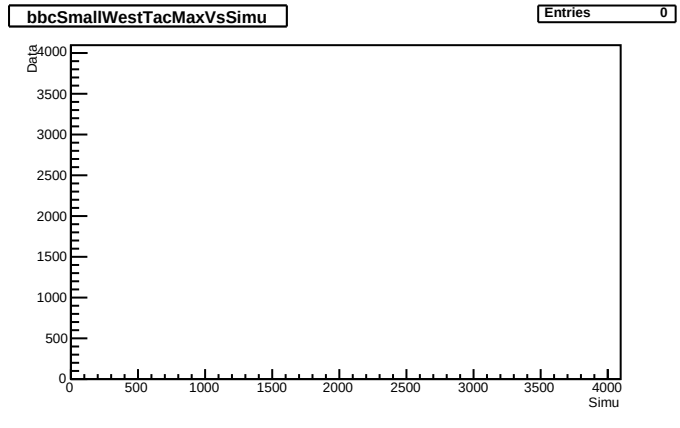

bbcSmallEastTacMax
Entries 142352

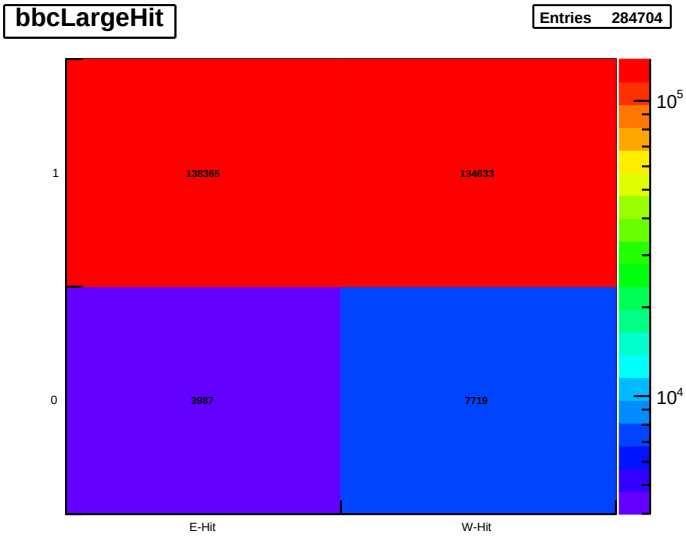

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

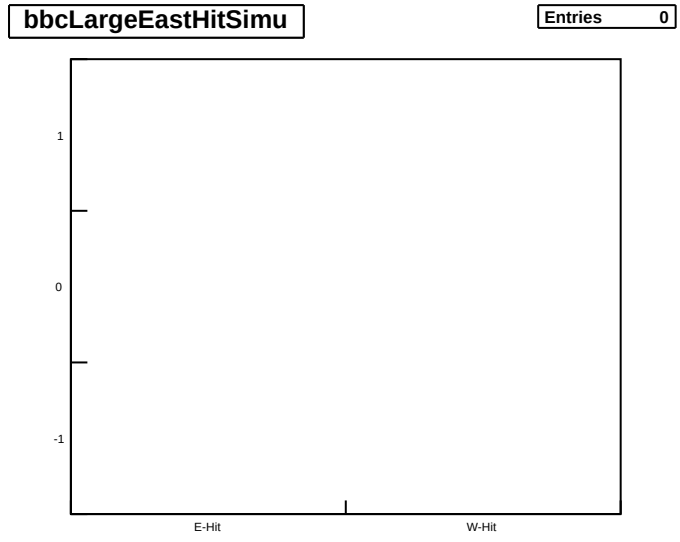

bbcSmallWestAdcSum
Entries 142352

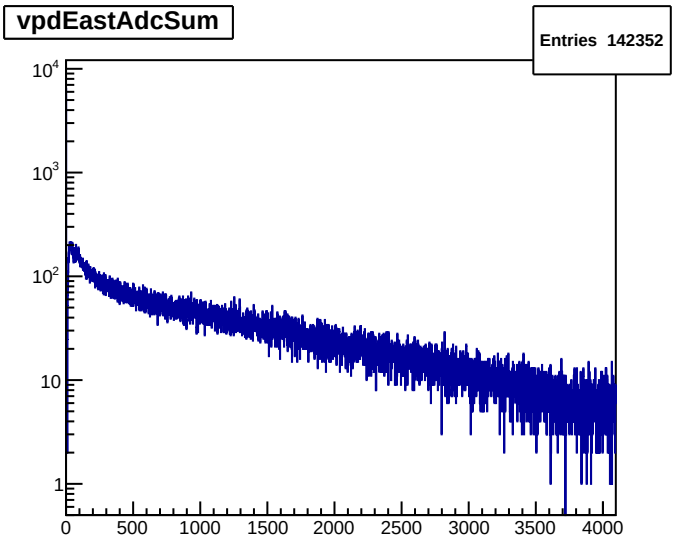

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

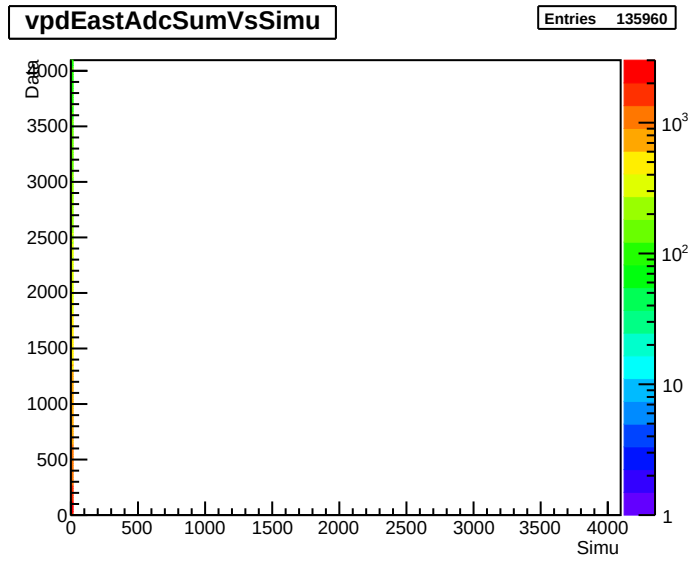

bbcSmallWestTacMax
Entries 142352

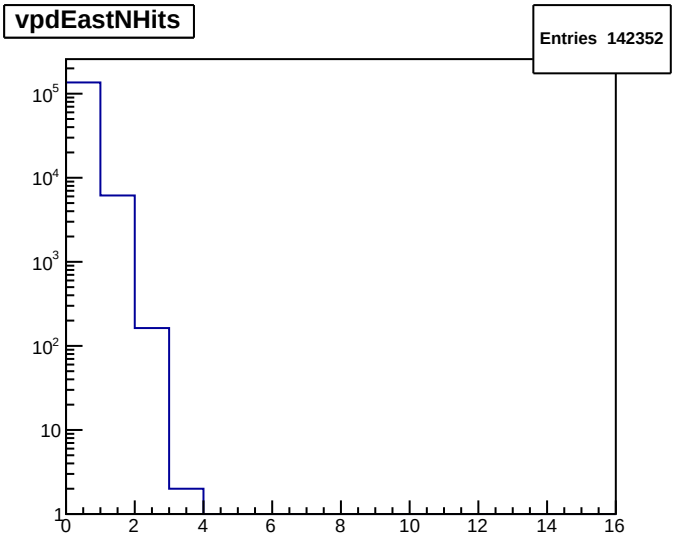

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

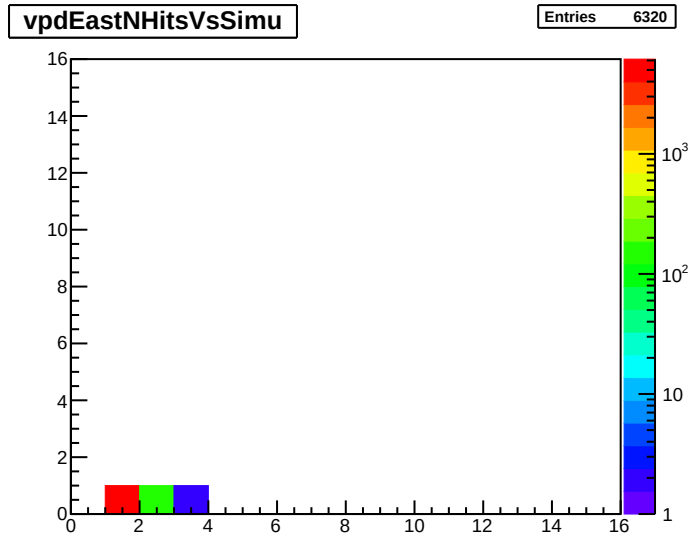

bbcLargeHit
Entries 284704
138365
134633
3987
7719
1
0
E-Hit
W-Hit
10^5
10^4

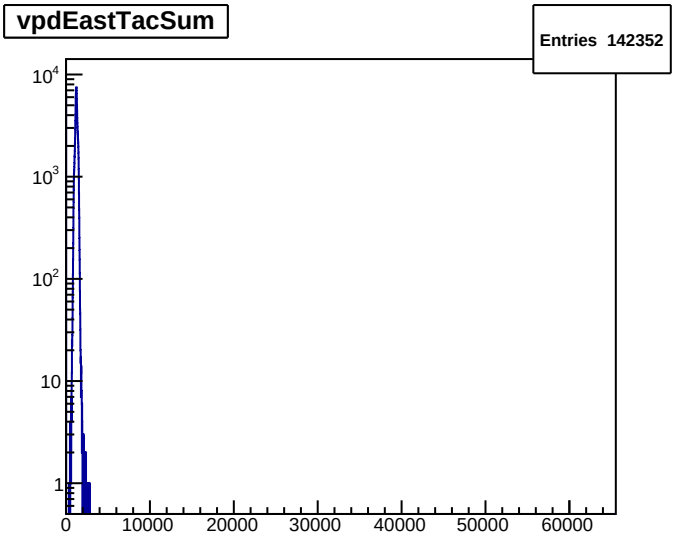

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

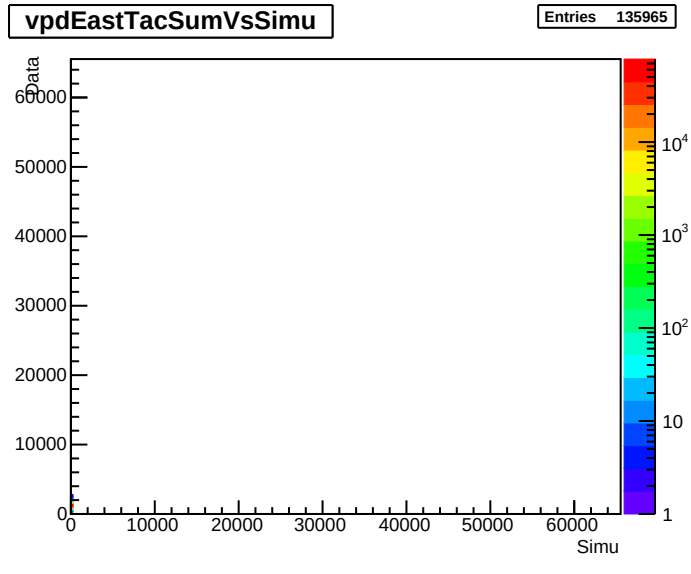

vpdEastAdcSum
Entries 142352

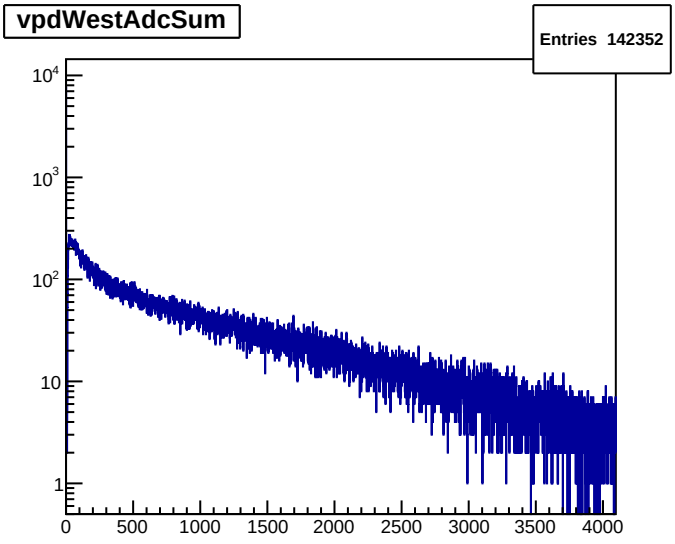

vpdEastAdcSumVsSimu
Entries 135960
Data
Simu

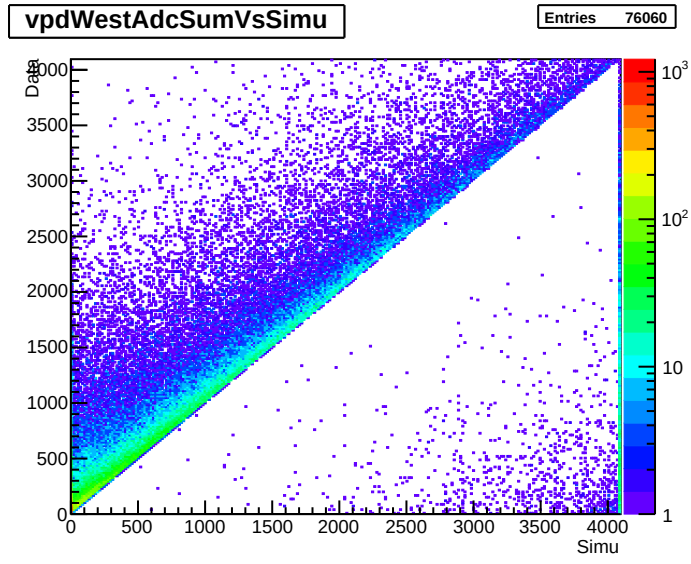

vpdEastNHits
Entries 142352

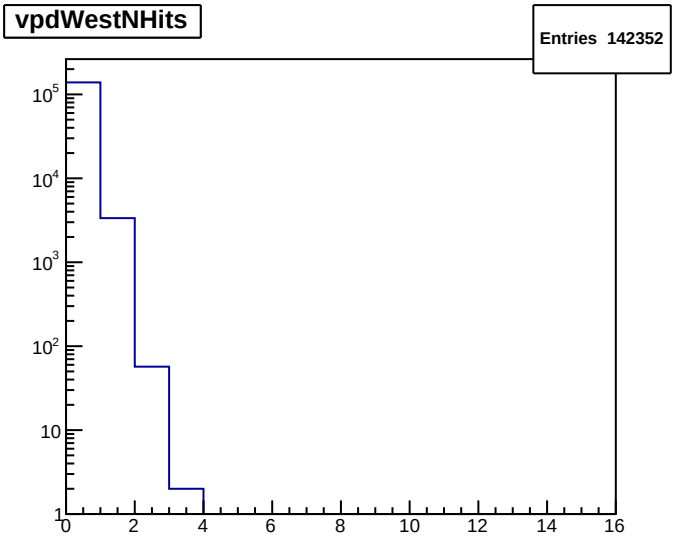

vpdEastNHitsVsSimu
Entries 6320

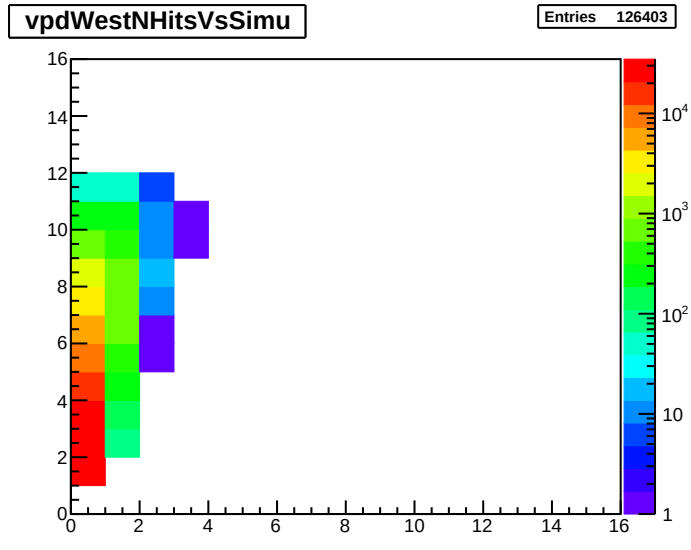

vpdEastTacSum
Entries 142352

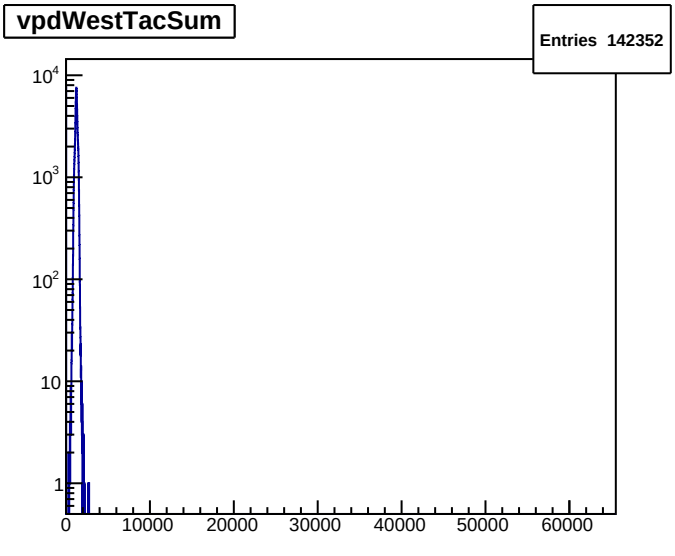

vpdEastTacSumVsSimu
Entries 135965
Data
Simu

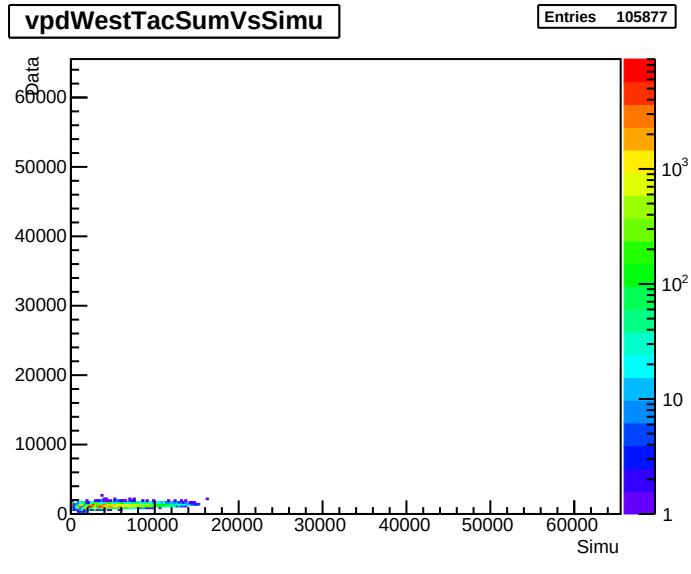

vpdWestAdcSum
Entries 142352

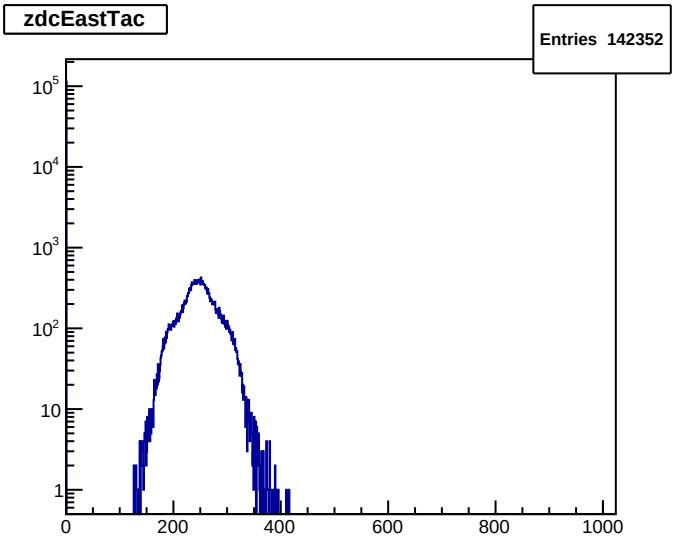

vpdWestAdcSumVsSimu
Entries 76060
Data
Simu

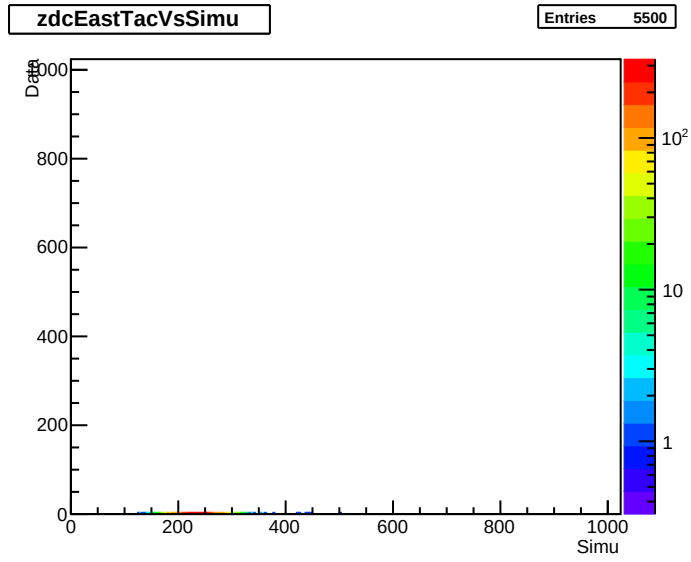

vpdWestNHits
Entries 142352

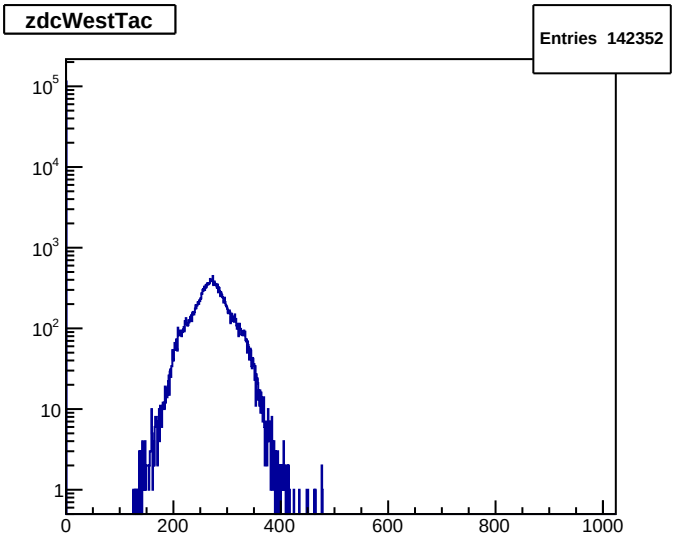

vpdWestNHitsVsSimu
Entries 126403

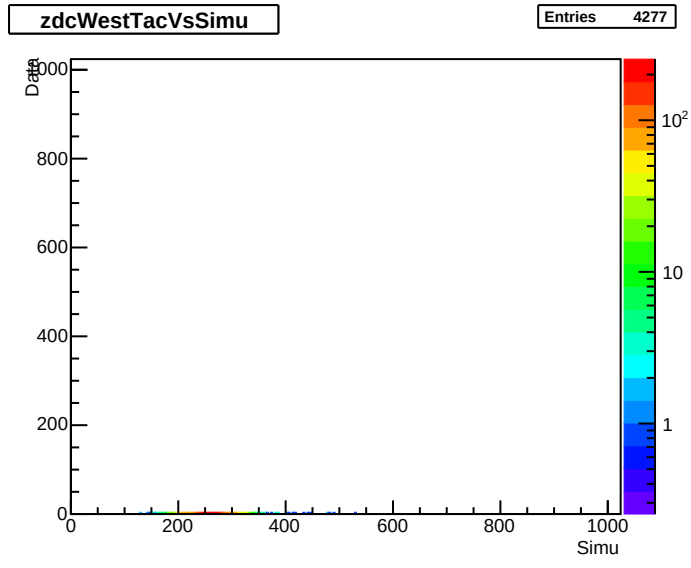

vpdWestTacSum
Entries 142352

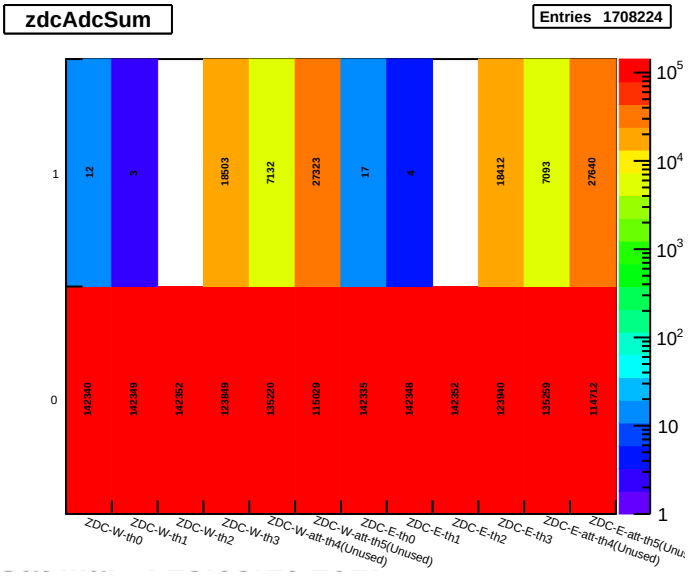

vpdWestTacSumVsSimu
Entries 105877
Data
Simu

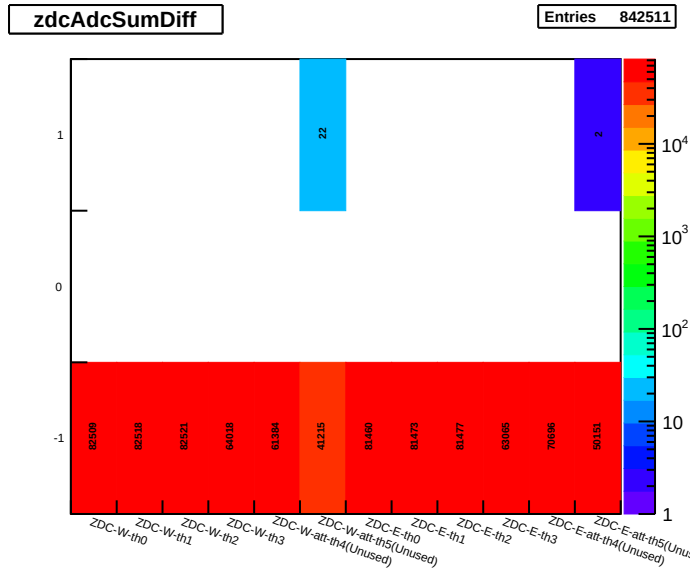

zdcEastTac
Entries 142352

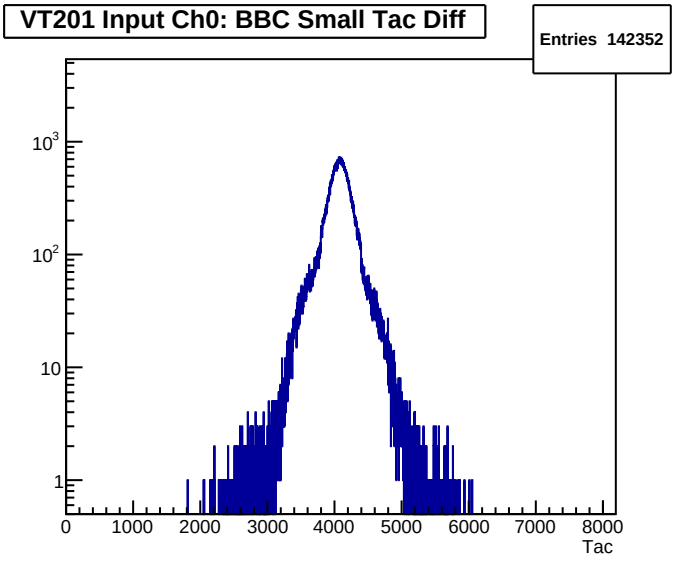

zdcEastTacVsSimu
Entries 5500
Data
Simu

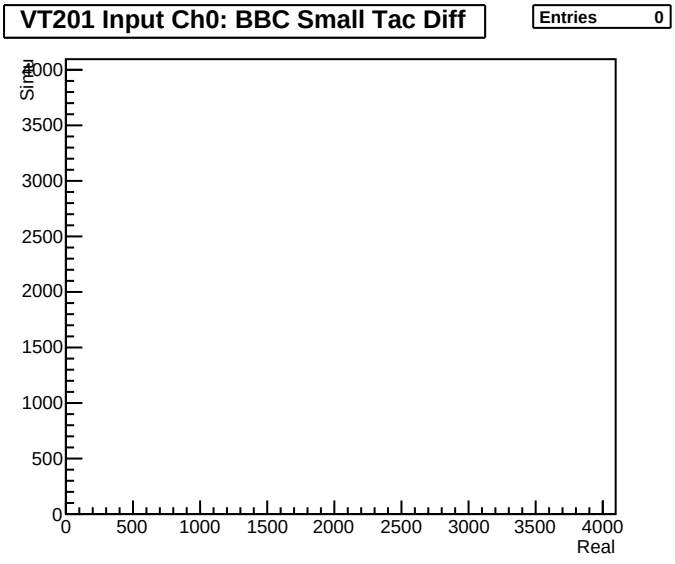

zdcWestTac
Entries 142352

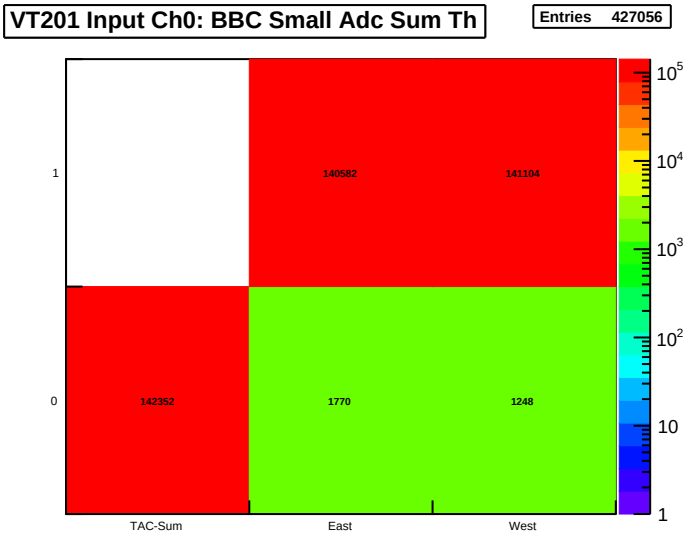

zdcWestTacVsSimu
Entries 4277
Data
Simu

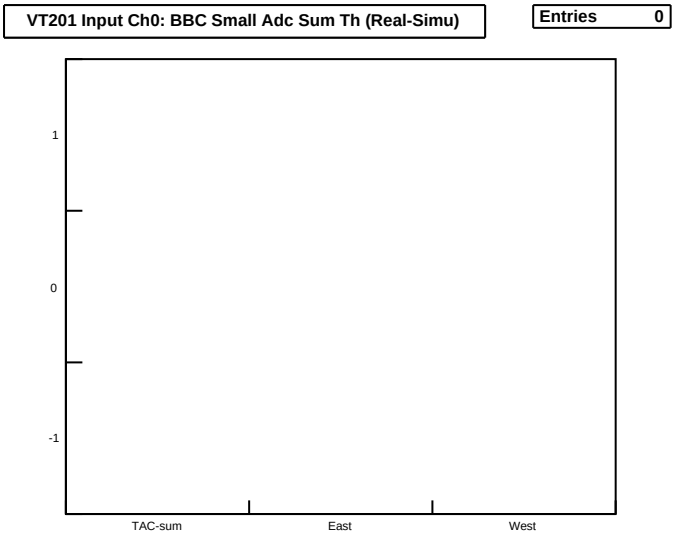

zdcAdcSum
Entries 1708224
12
3
18503
7132
27323
17
4
18412
7093
27640
142340
142349
142352
123949
135220
115029
142335
142348
142352
123940
135259
114712
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

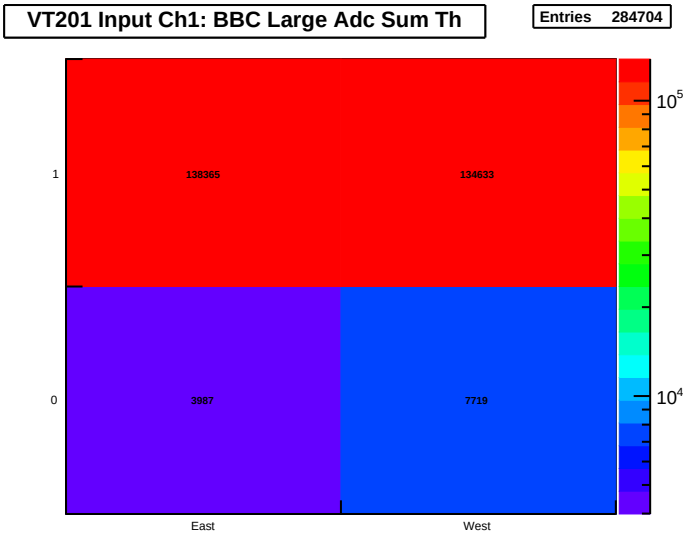

zdcAdcSumDiff
Entries 842511
22
2
82509
82518
82521
64018
61384
41215
81460
81473
81477
63065
70696
50151
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

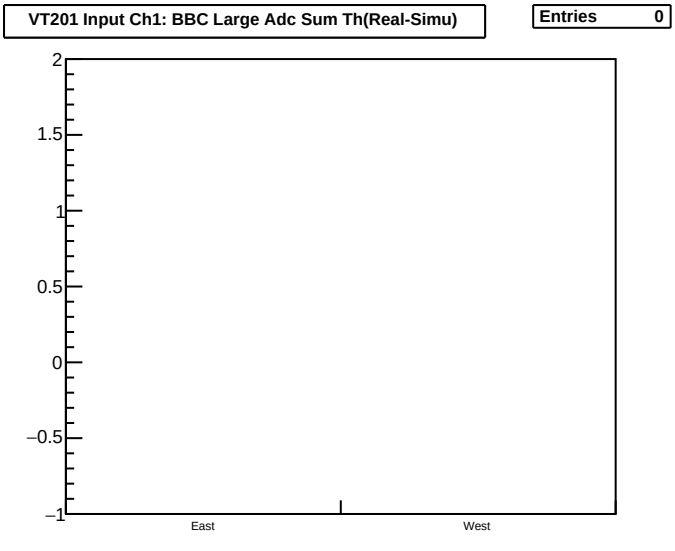

VT201 Input Ch0: BBC Small Tac Diff
Entries 142352
Tac


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

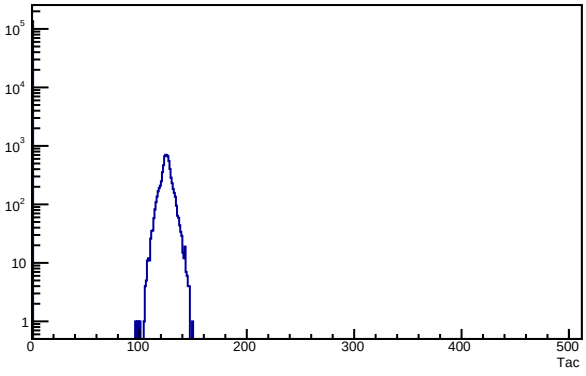

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 427056
140582
141104
142352
1770
1248
TAC-Sum
East
West


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

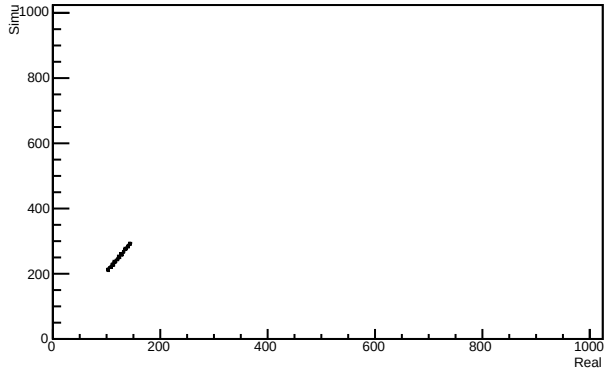

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 284704
138365
134633
3987
7719
East
West


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

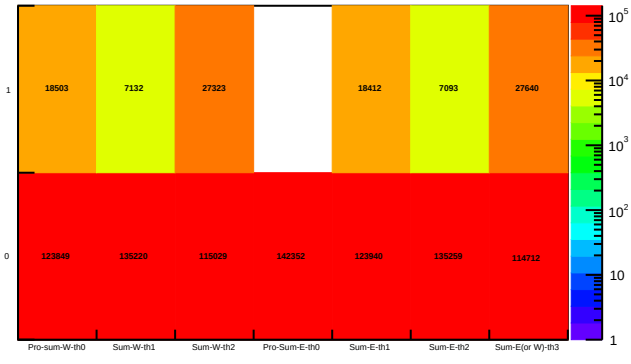
VT201 Input Ch2: ZDC Tac Diff



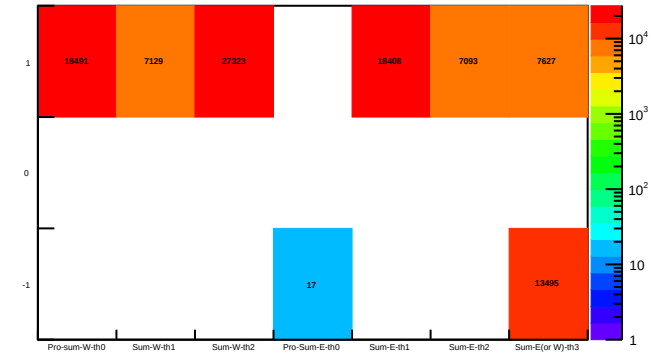
VT201 Input Ch2: ZDC Tac Diff



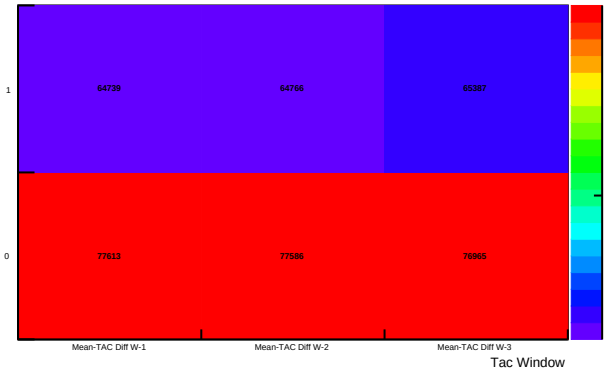
VT201 Input Ch2: ZDC Adc Sum Th



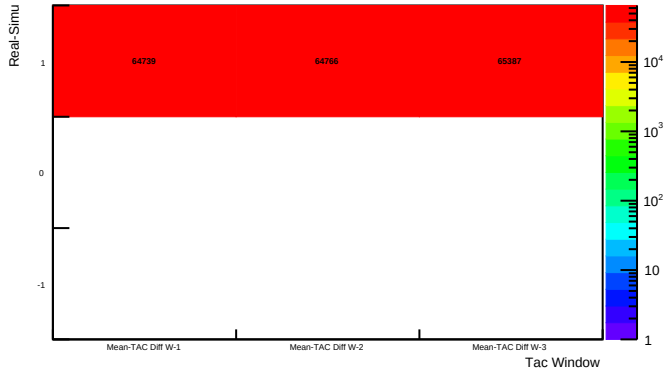
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



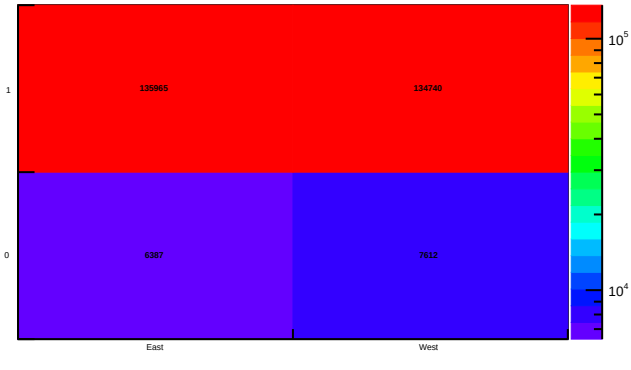
VT201 Input Ch4: VPD Tac Diff



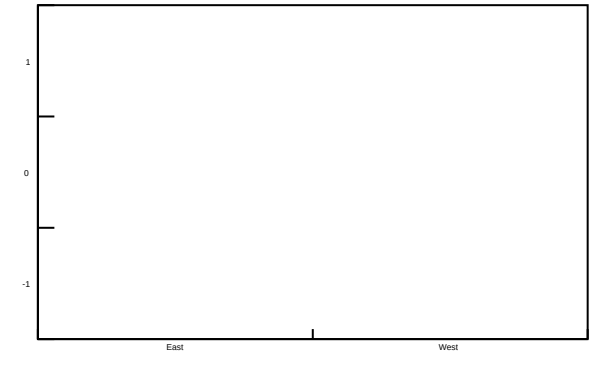
VT201 Input Ch4: VPD Tac Diff

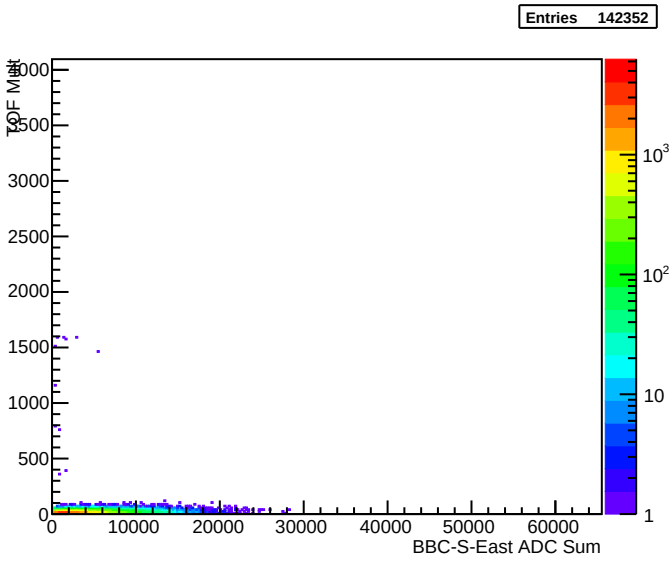


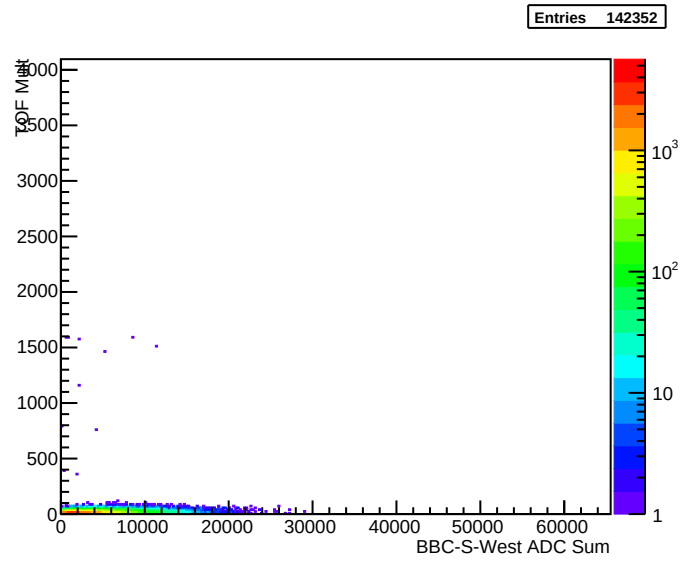
VT201 Input Ch4: VPD Adc Sum Th

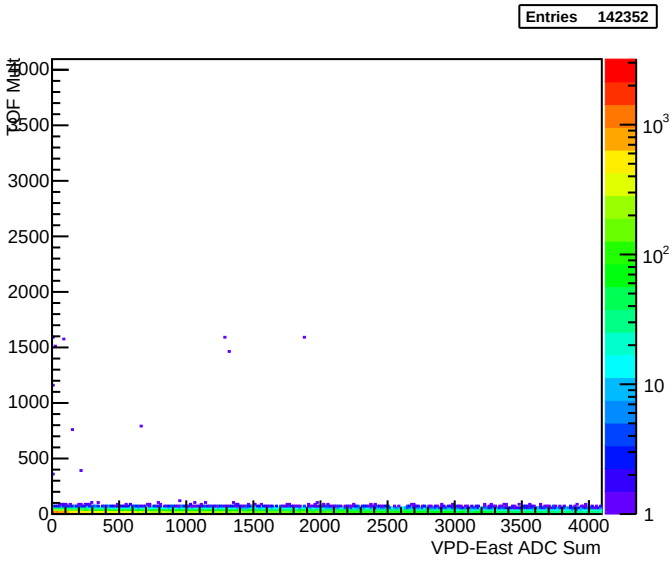


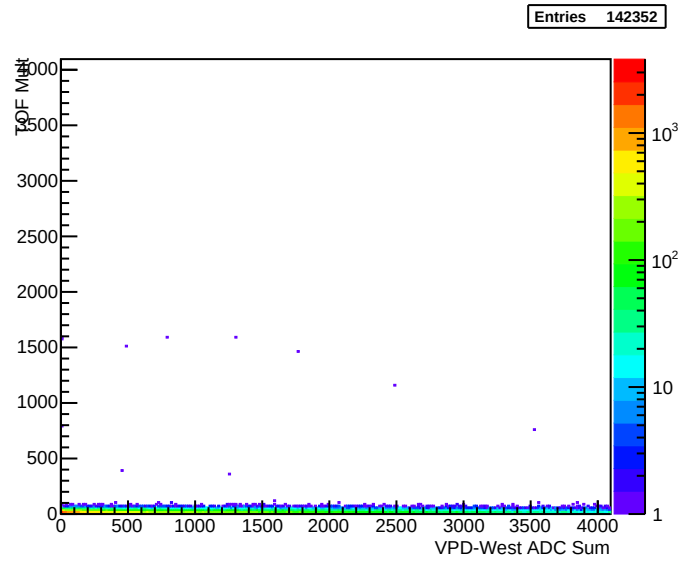
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

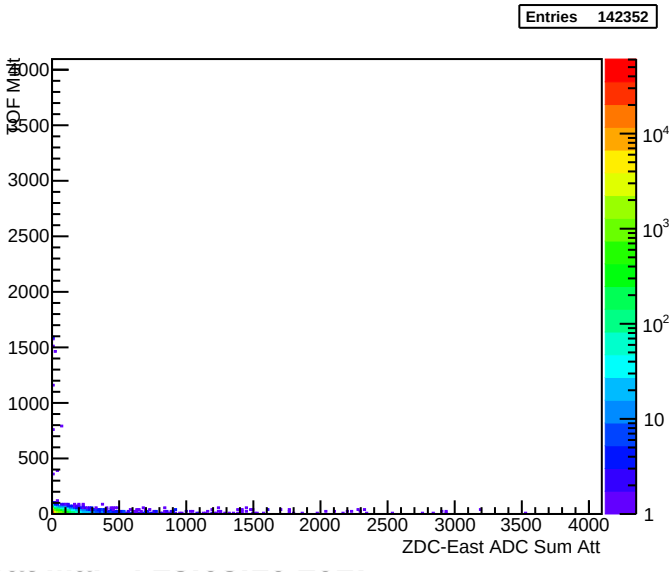


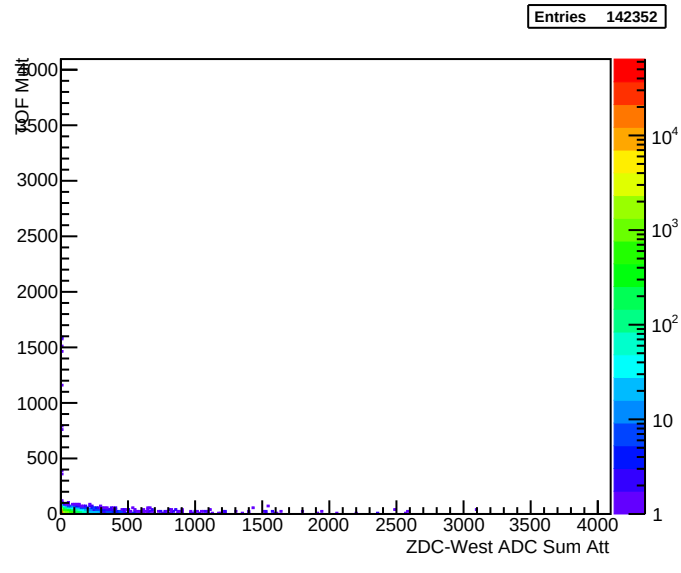

Entries 142352
TOF Mult
BBC-S-East ADC Sum

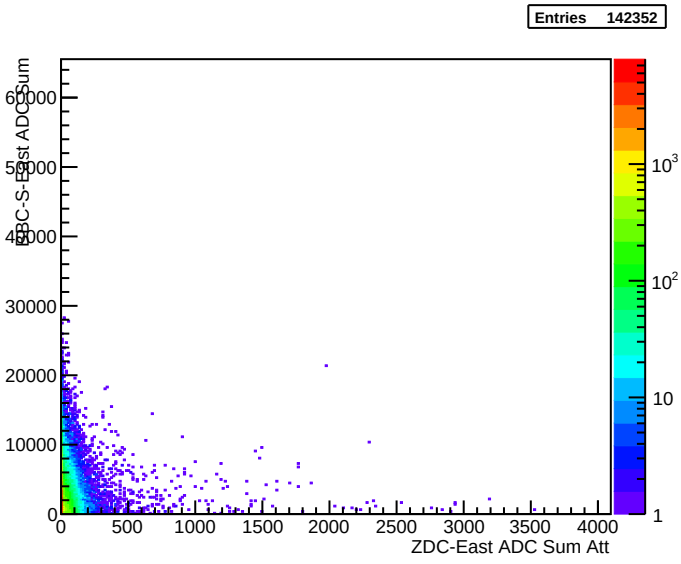

Entries 142352
TOF Mult
BBC-S-West ADC Sum

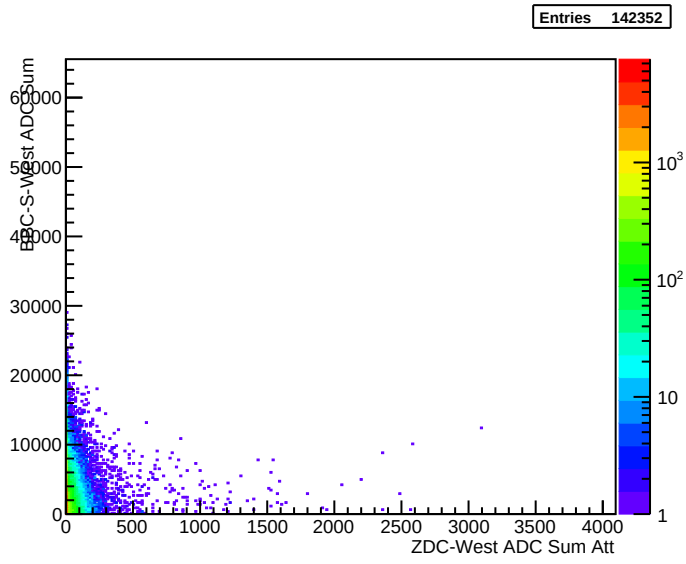

Entries 142352
TOF Mult
VPD-East ADC Sum

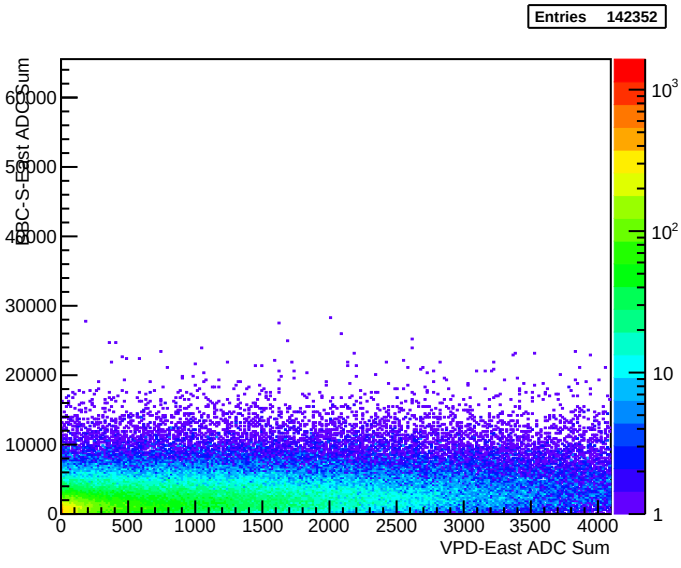

Entries 142352
TOF Mult
VPD-West ADC Sum

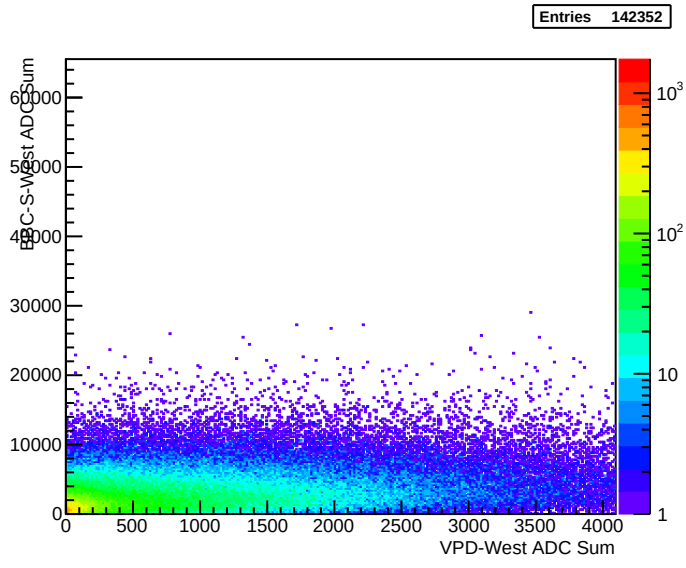

Entries 142352
TOF Mult
ZDC-East ADC Sum Att

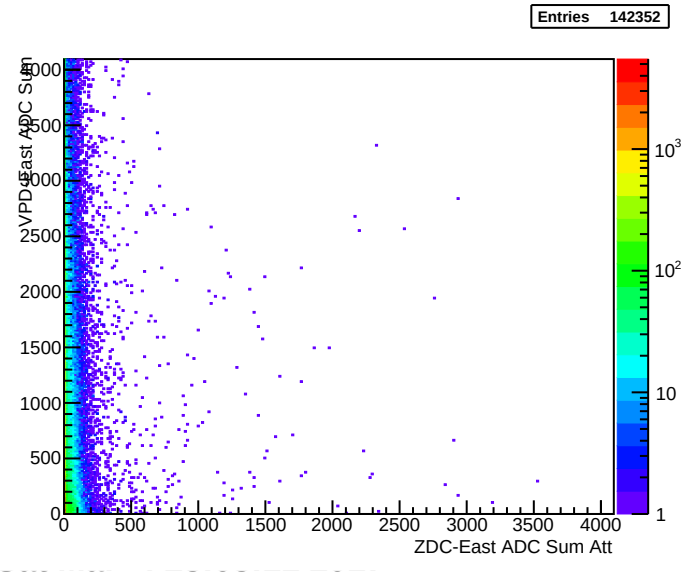

Entries 142352
TOF Mult
ZDC-West ADC Sum Att

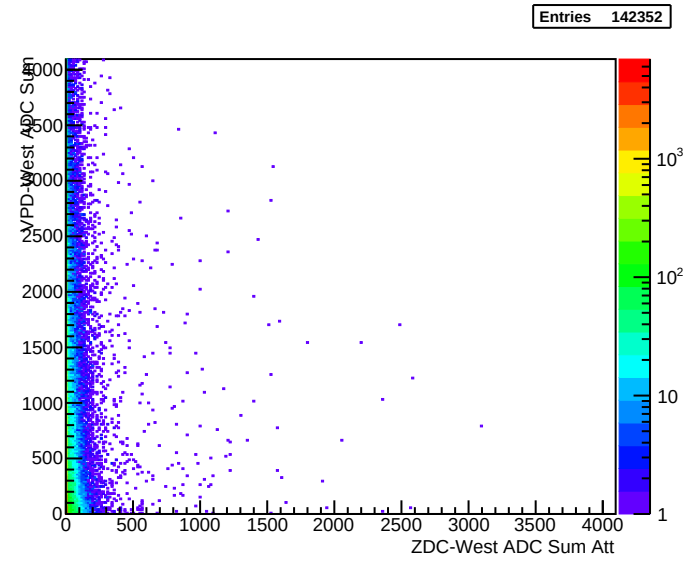

Entries 142352
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

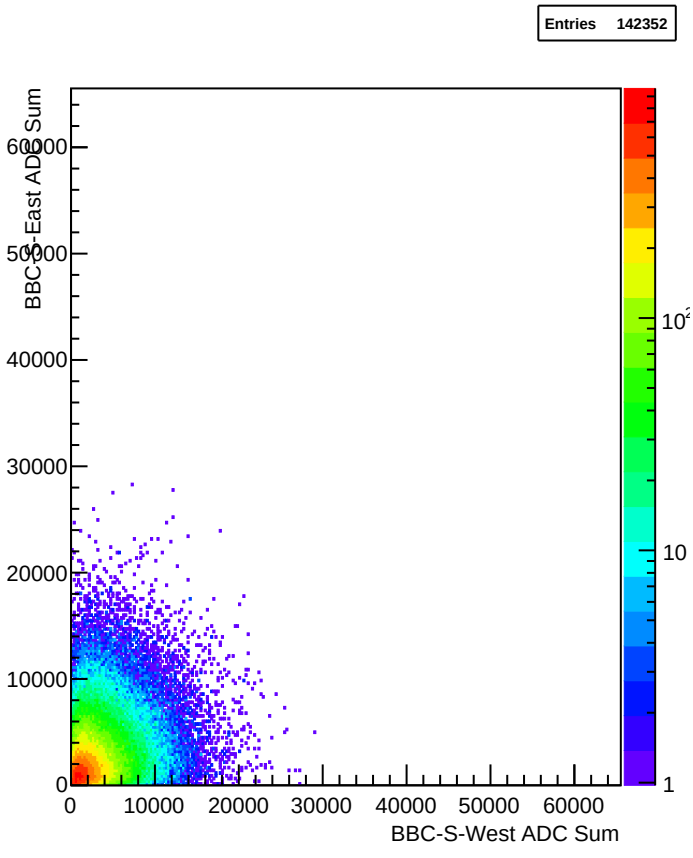

Entries 142352
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

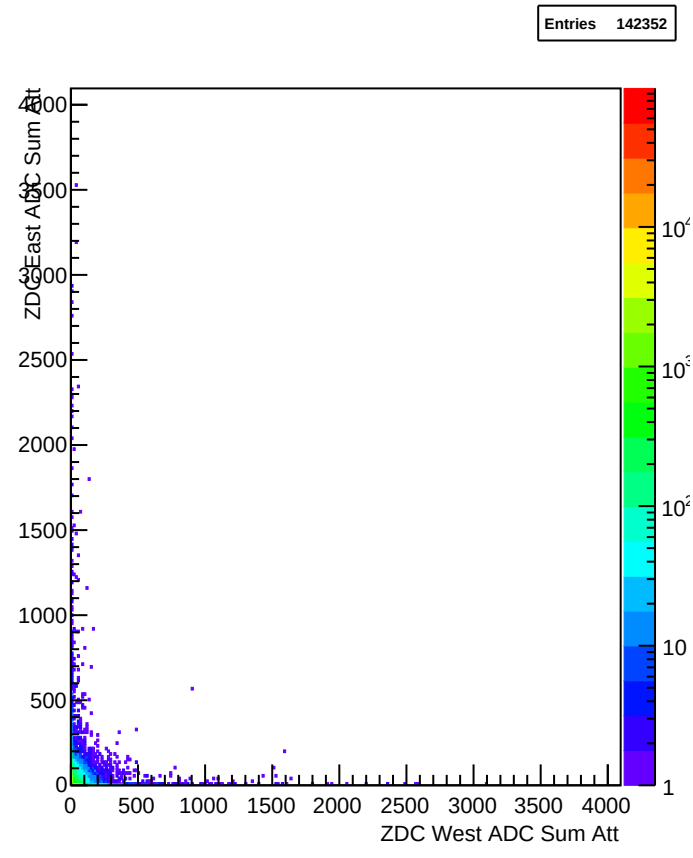

Entries 142352
BBC-S-East ADC Sum
VPD-East ADC Sum

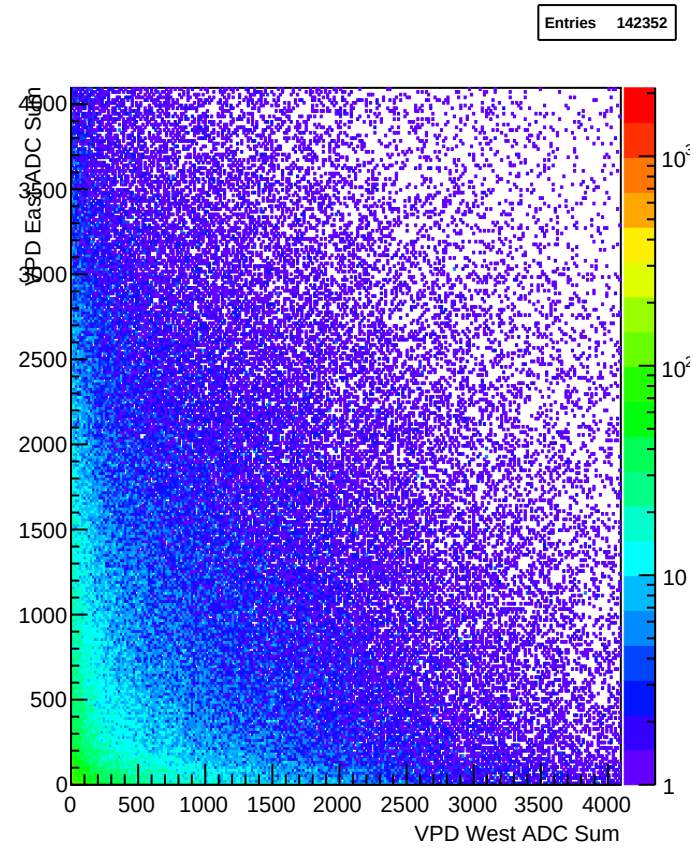

Entries 142352
BBC-S-West ADC Sum
VPD-West ADC Sum

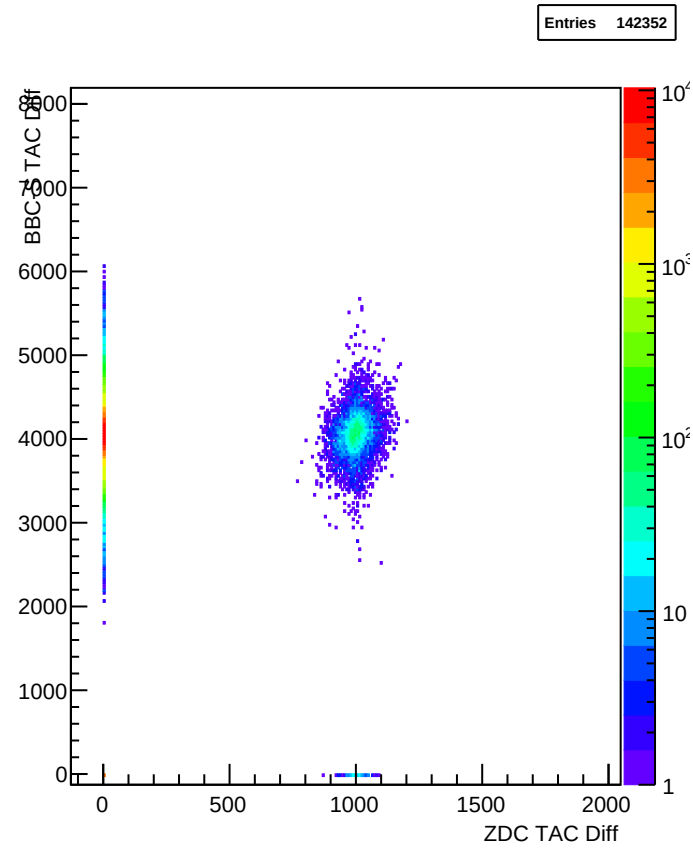

Entries 142352
VPD-East ADC Sum
ZDC-East ADC Sum Att

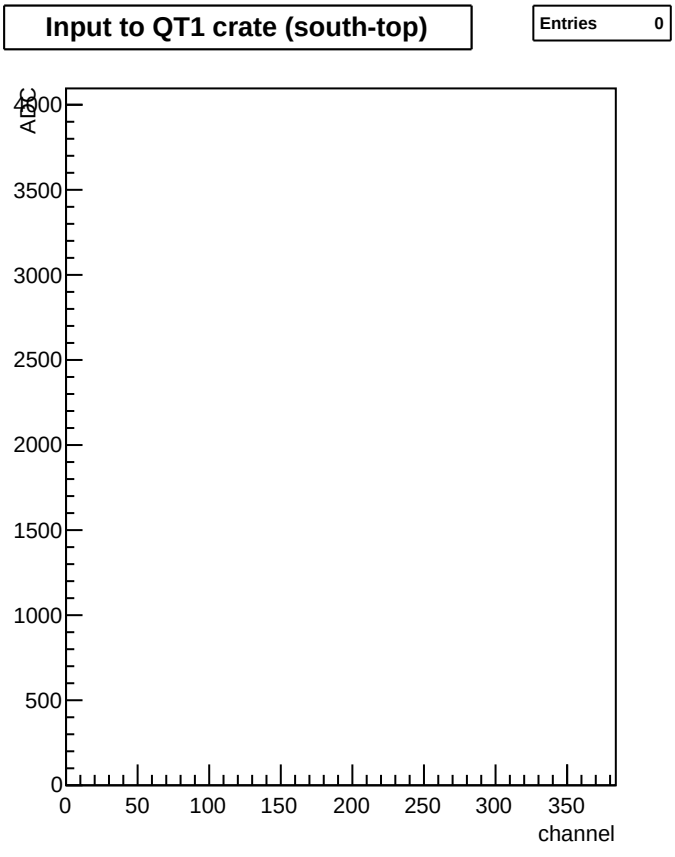

Entries 142352
VPD-West ADC Sum
ZDC-West ADC Sum Att

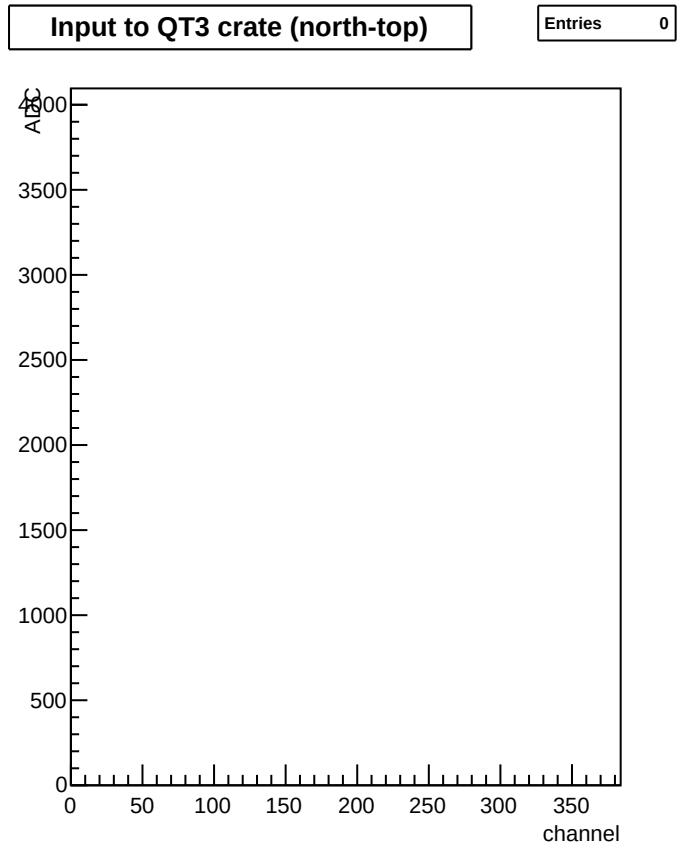

Entries 142352
BBC-S-East ADC Sum
BBC-S-West ADC Sum

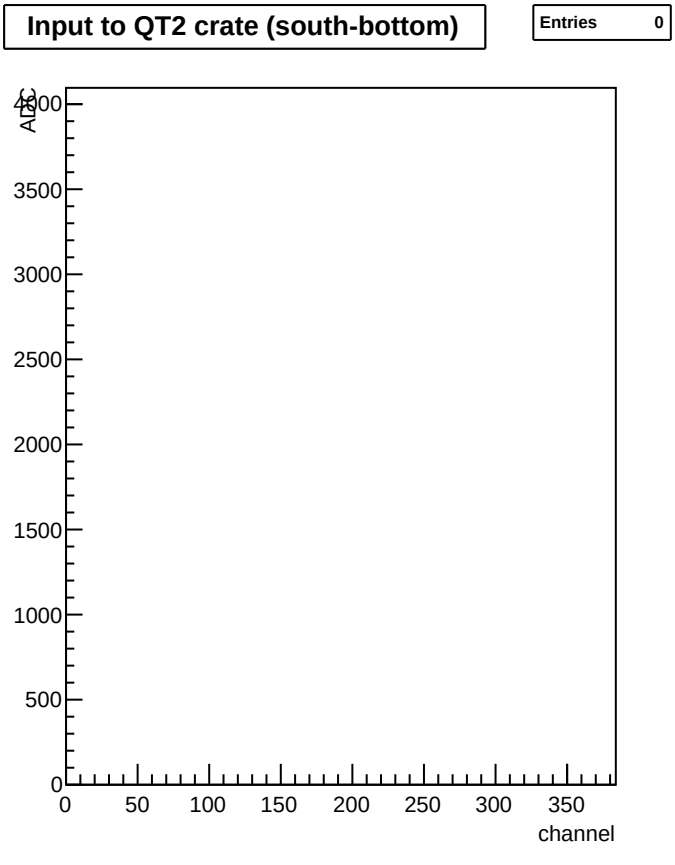

Entries 142352
ZDC East ADC Sum Att
ZDC West ADC Sum Att

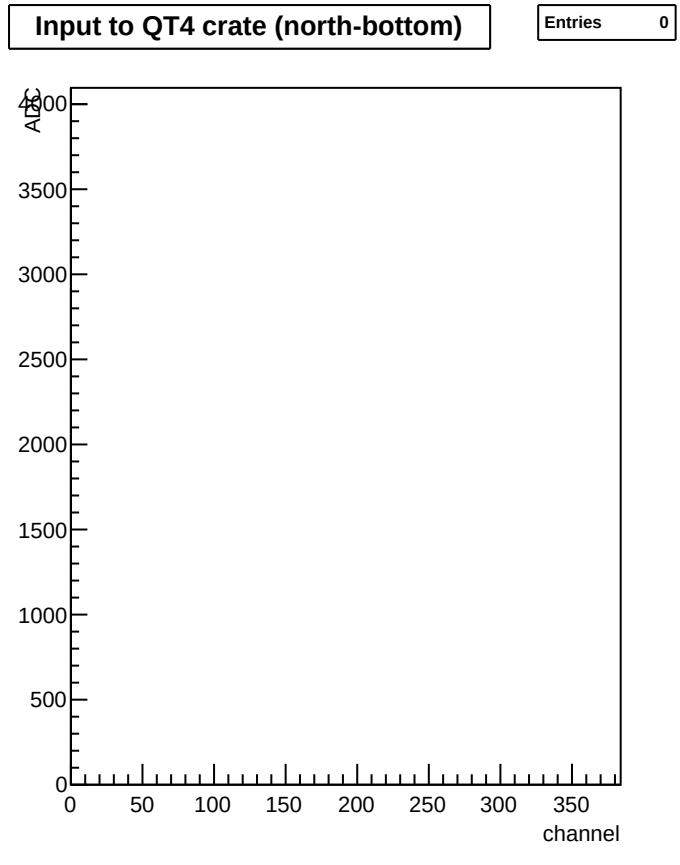

Entries 142352
VPD East ADC Sum
VPD West ADC Sum

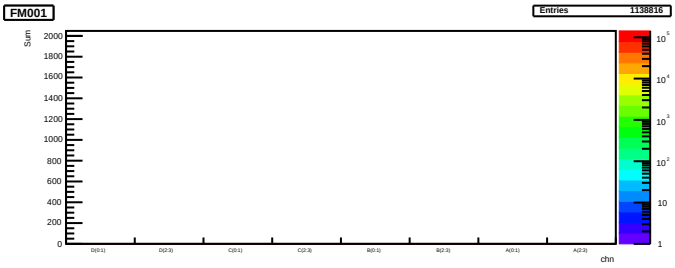

Entries 142352
BBC-S TAC Diff
ZDC TAC Diff

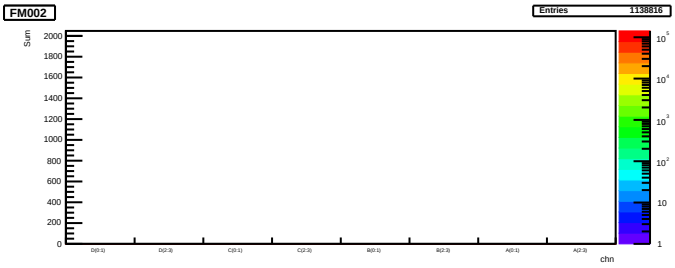

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

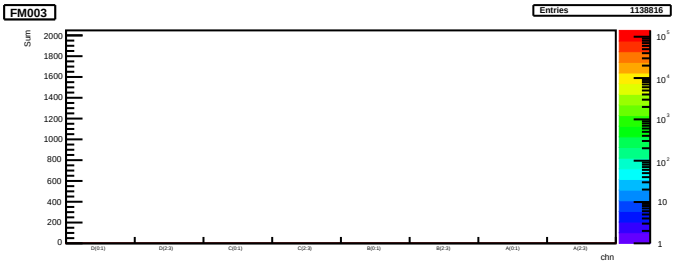

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

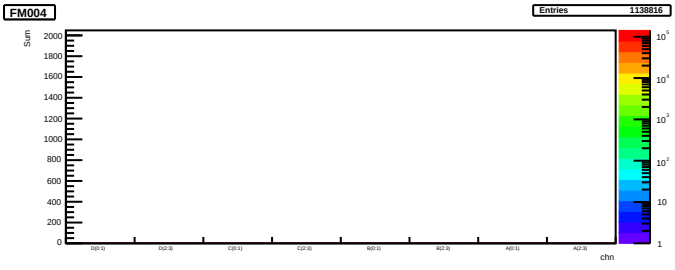

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

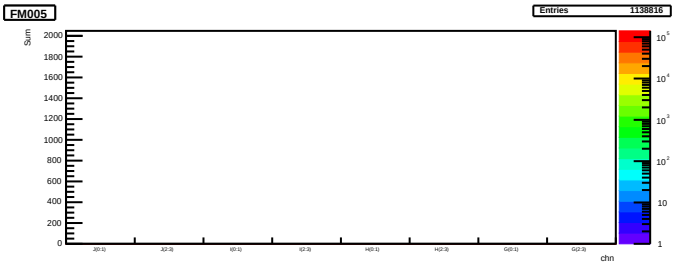

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

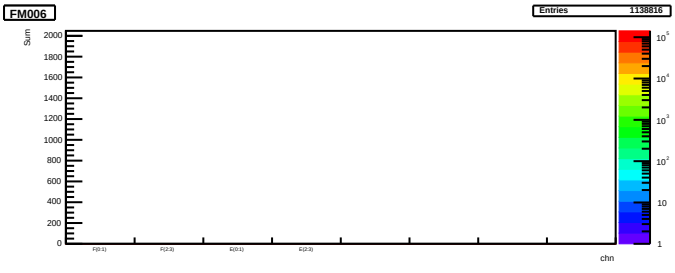

FM001
Entries 1138816
Sum
chn

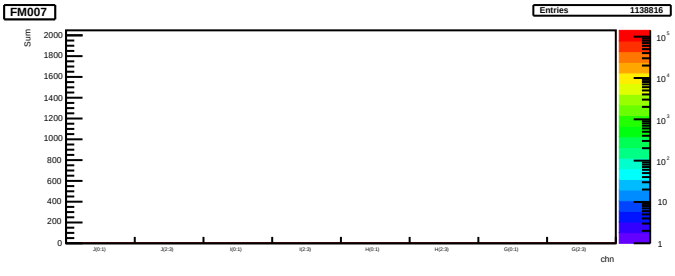

FM002
Entries 1138816
Sum
chn

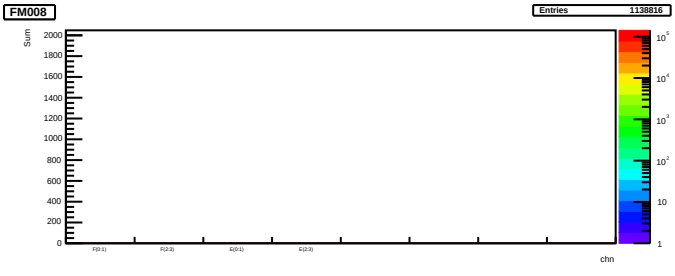

FM003
Entries 1138816
Sum
chn

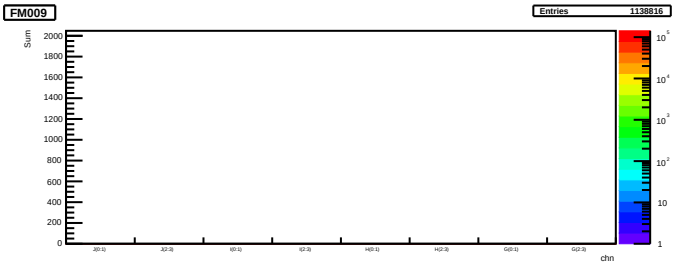

FM004
Entries 1138816
Sum
chn

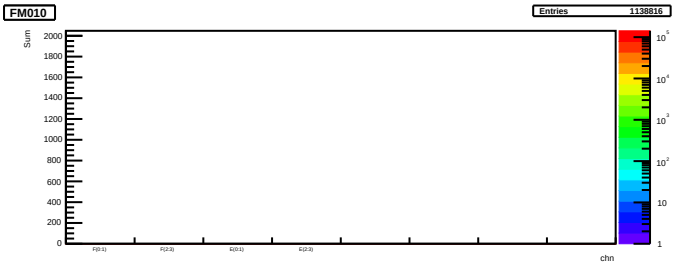

FM005
Entries 1138816
Sum
chn

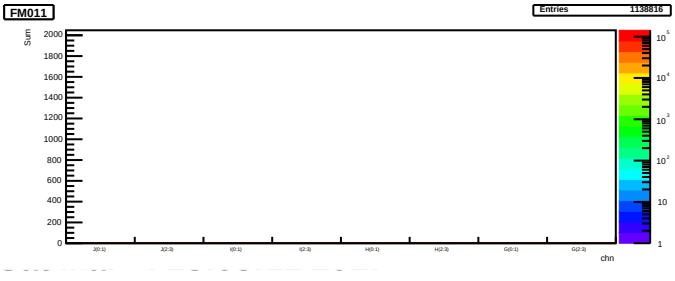

FM006
Entries 1138816
Sum
chn

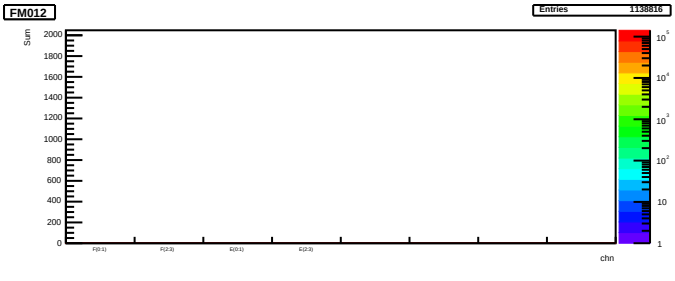

FM007
Entries 1138816
Sum
chn

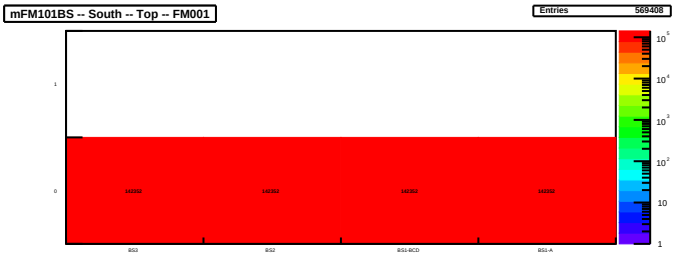

FM008
Entries 1138816
Sum
chn

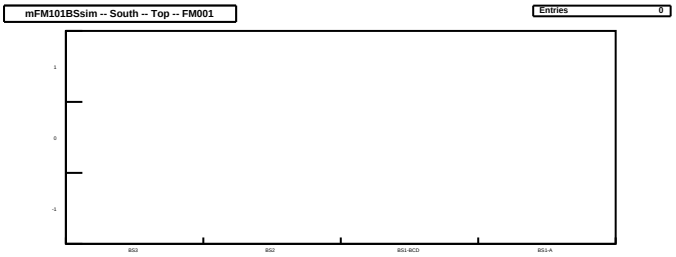

FM009
Entries 1138816
Sum
chn

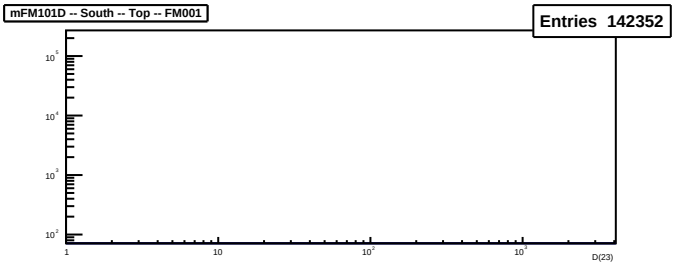

FM010
Entries 1138816
Sum
chn


FM011
Entries 1138816
Sum
chn


FM012
Entries 1138816
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 569408
142352
142352
142352
142352
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Top -- FM001
Entries 0
BS3
BS2
BS1-BCD
BS1-A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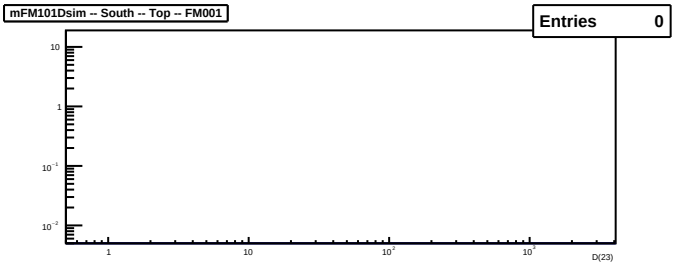
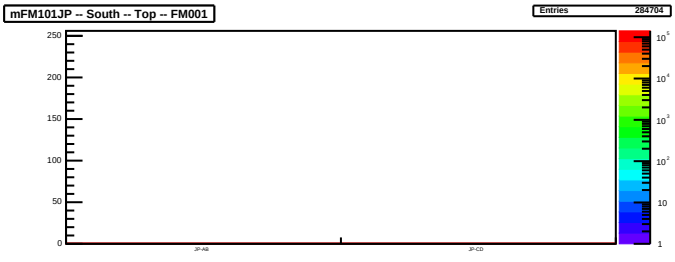
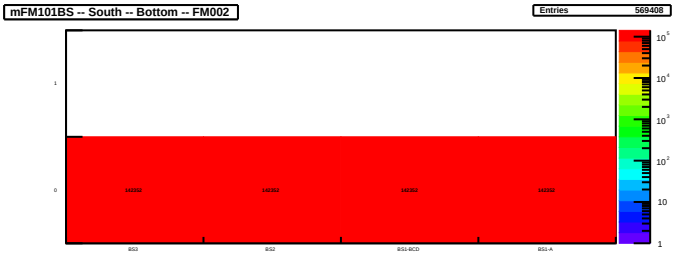
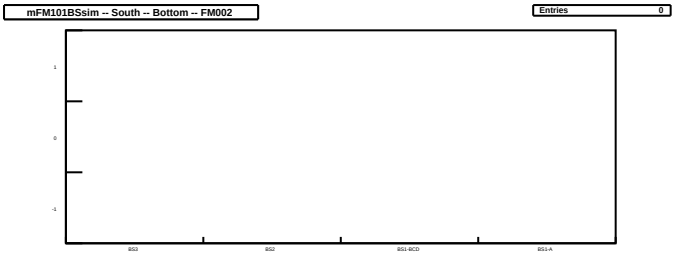
Entries 142352
D(23)


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


mFM101JP -- South -- Top -- FM001
Entries 284704
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 569408
142352
142352
142352
142352
BS3
BS2
BS1-BCD
BS1-A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Entries 0
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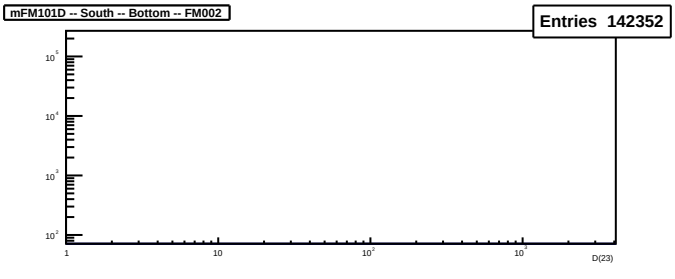
BS2
BS1-BCD
BS1-A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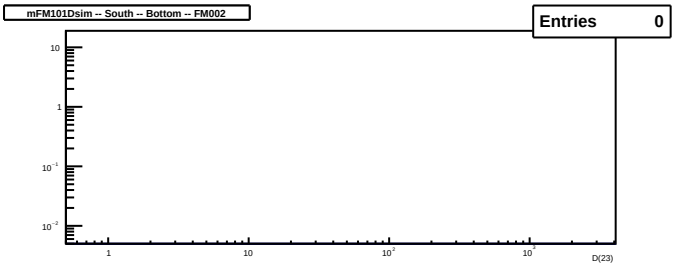
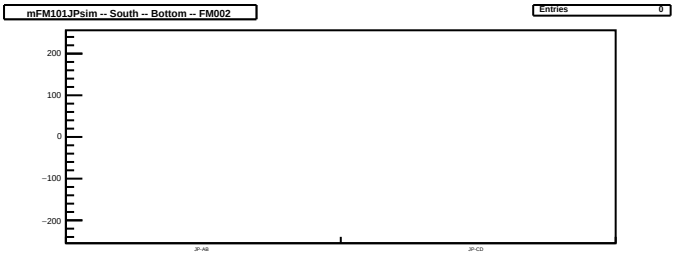
Entries 142352
D(23)


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

mFM101JP -- South -- Bottom -- FM002
Entries 284704
JP-AB
JP-CD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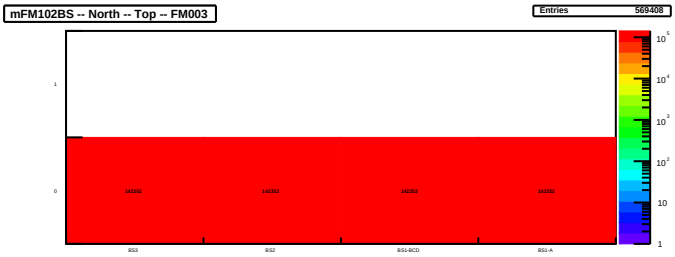
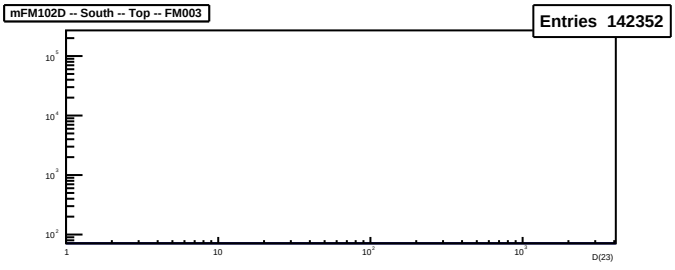
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 569408
142352
142352
142352
142352
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A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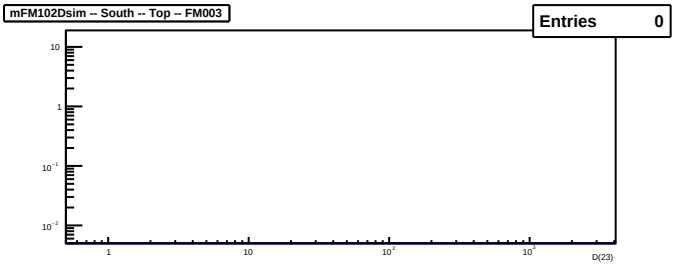
Entries 142352
D(23)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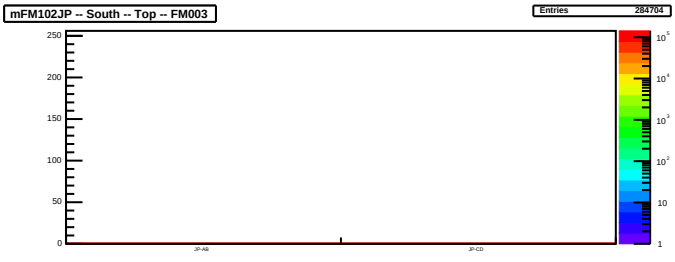
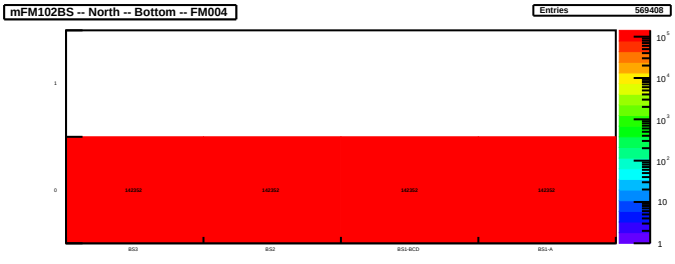
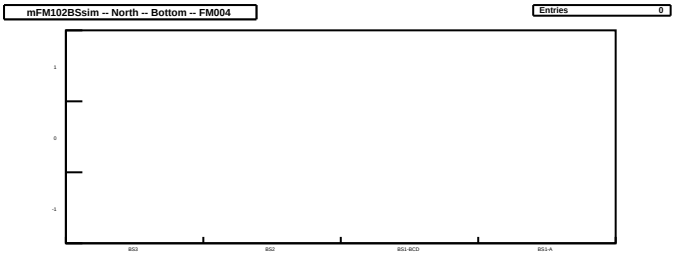
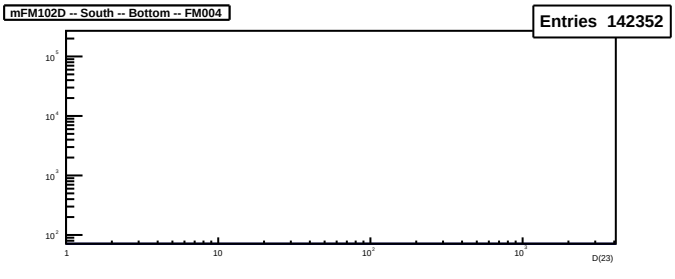
Entries 0
D(23)

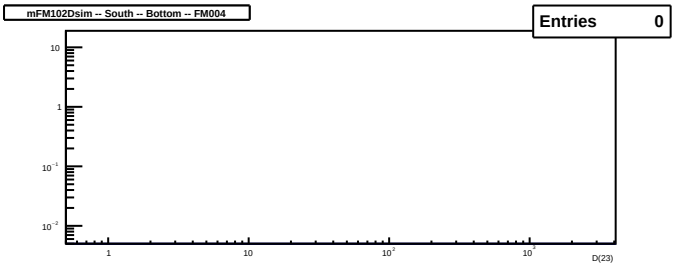

mFM102JP -- South -- Top -- FM003
Entries 284704
JP-AB
JP-CD

mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Bottom -- FM004
Entries 569408
142352
142352
142352
142352
BS3
BS2
BS1-BCD
BS1-A


mFM102BSsim -- North -- Bottom -- FM004
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 142352
D(23)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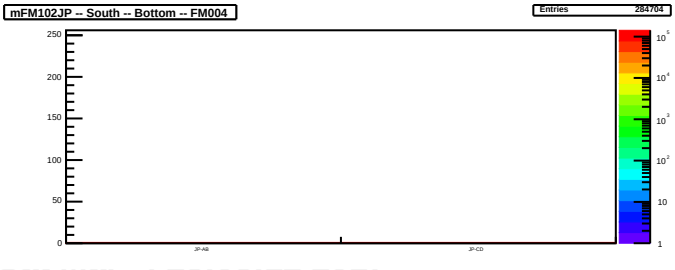
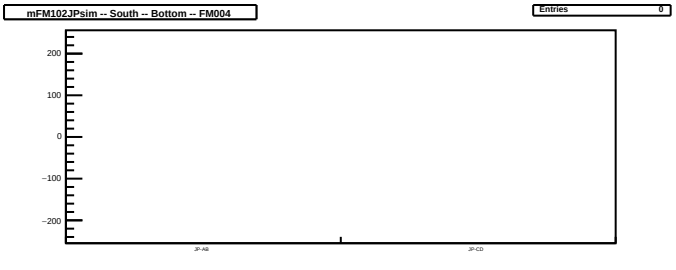
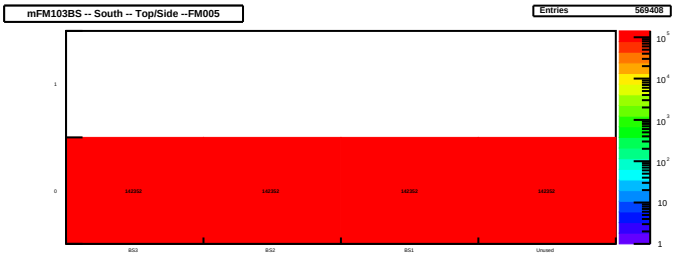
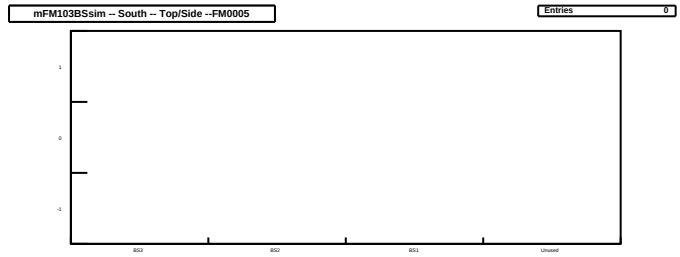
Entries 0
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 284704
JP-AB
JP-CD


mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD


mFM103BS -- South -- Top/Side --FM005
Entries 569408
142352
142352
142352
142352
BS3
BS2
BS1
Unused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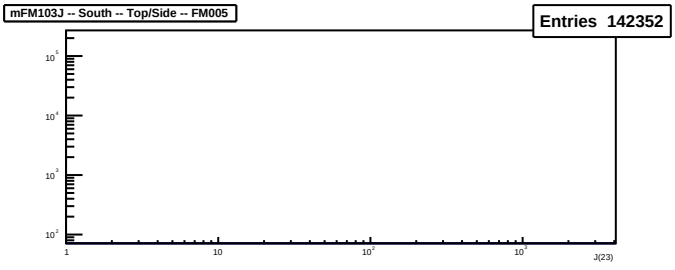
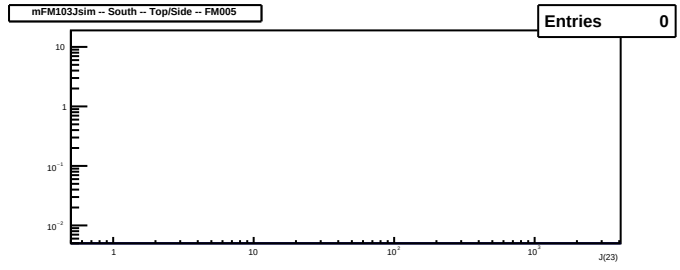
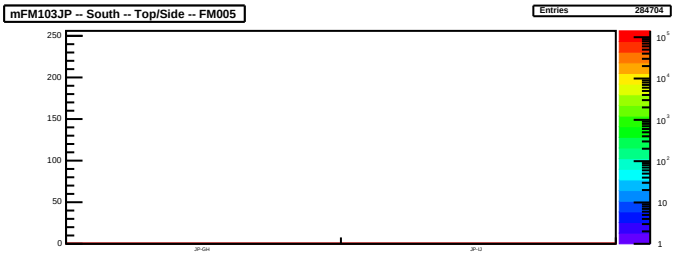
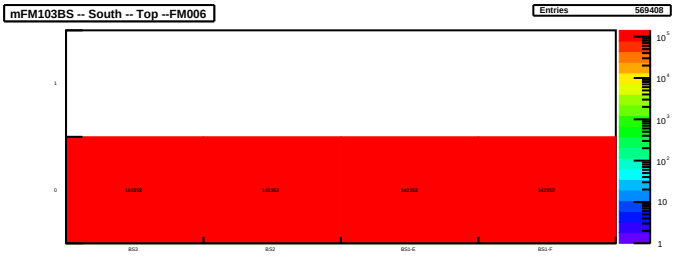
Entries 0
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 142352
J(23)


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


mFM103JP -- South -- Top/Side -- FM005
Entries 284704
JP-GH
JP-IJ

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


mFM103BS -- South -- Top --FM006
Entries 569408
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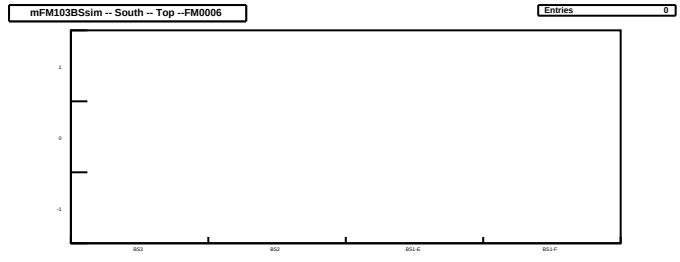
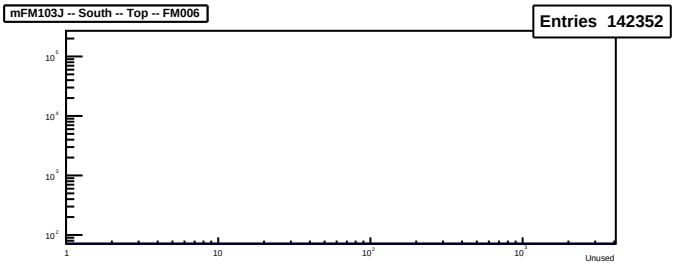
142352
142352
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 142352
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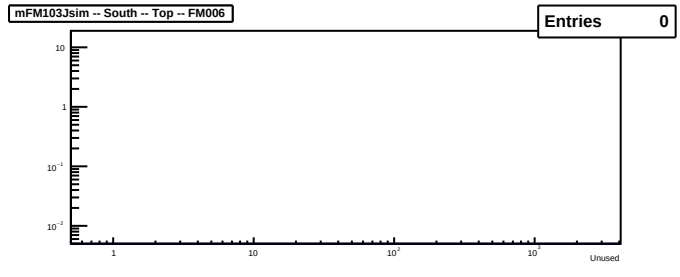
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Entries 0
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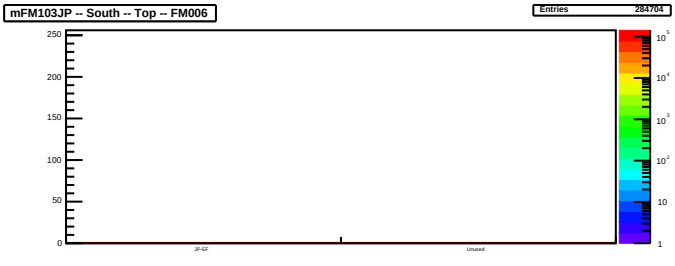
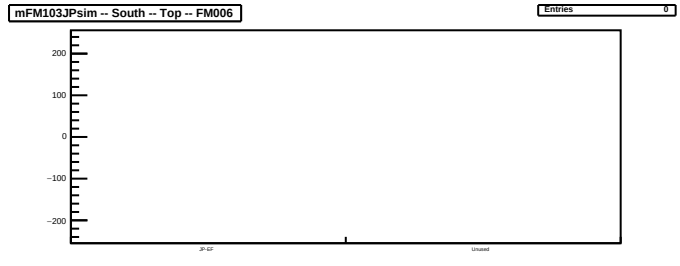
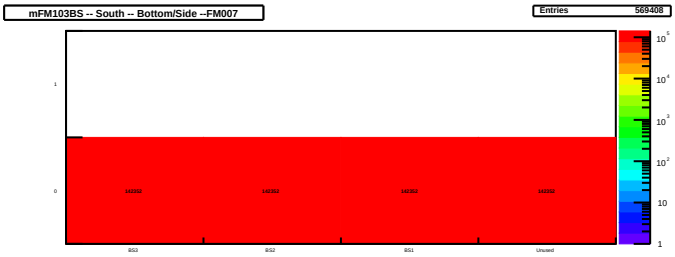

mFM103JP -- South -- Top -- FM006
Entries 284704
JP-EF
Unused


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


mFM103BS -- South -- Bottom/Side --FM007
Entries 569408
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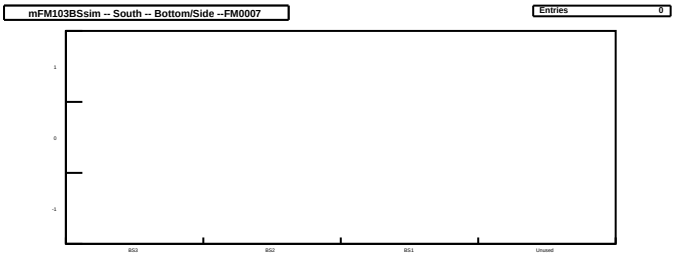
142352
142352
142352
BS3
BS2
BS1
Unused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Entries 0
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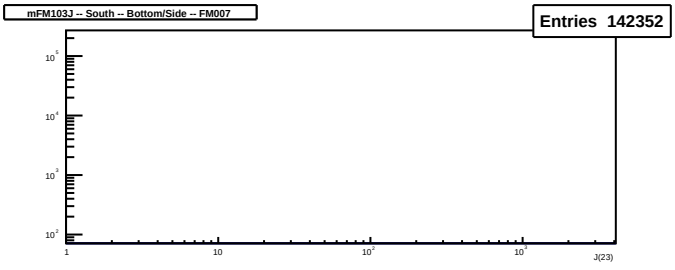
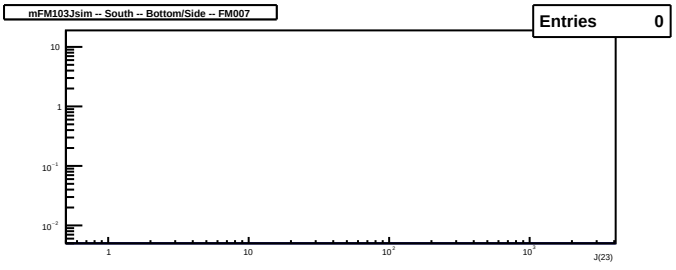
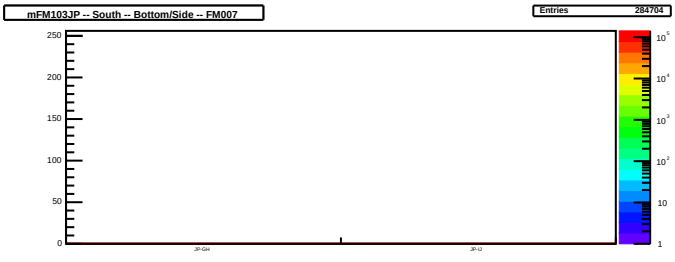
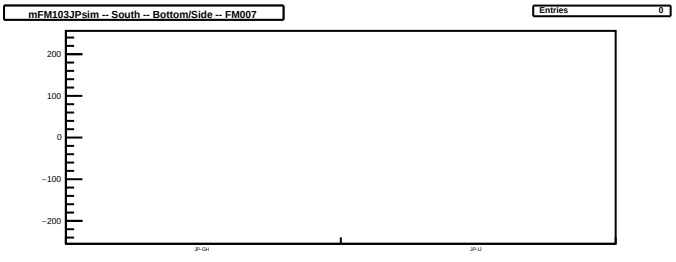
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 142352
J(23)


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


mFM103JP -- South -- Bottom/Side -- FM007
Entries 284704
JP-GH
JP-IJ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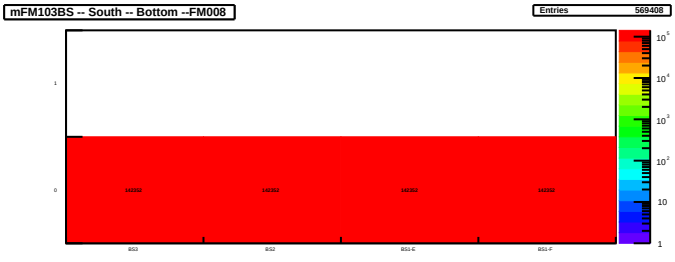
Entries 0
JP-GH
JP-IJ


mFM103BS -- South -- Bottom --FM008
Entries 569408
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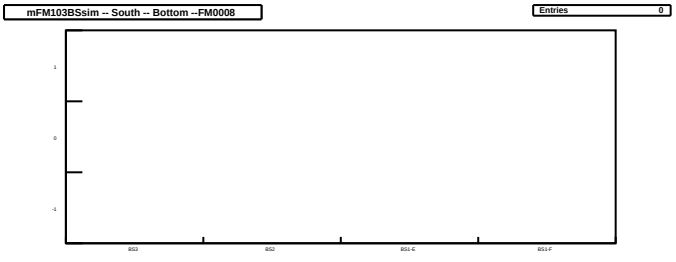
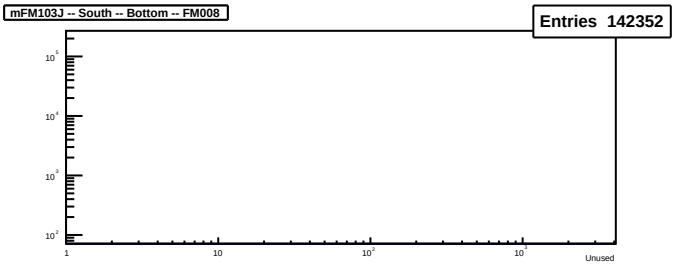
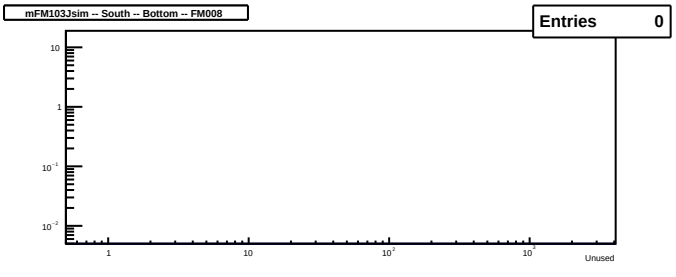
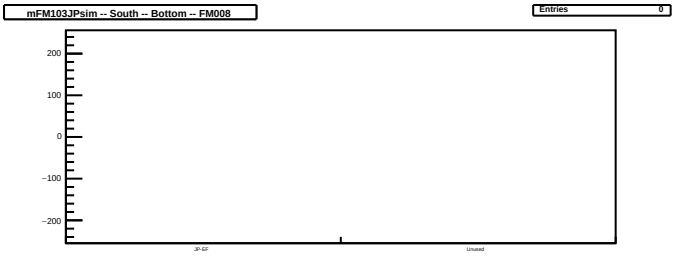
142352
142352
142352
BS3
BS2
BS1-E
BS1-F

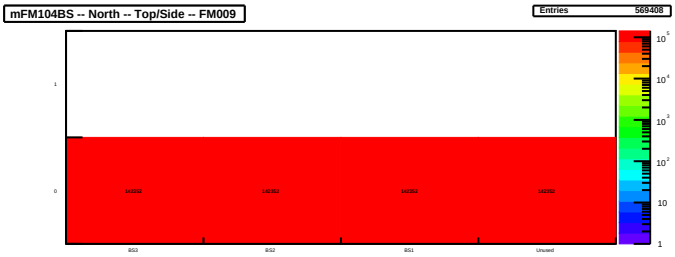

mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 142352
Unused


mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

mFM103JP -- South -- Bottom -- FM008
Entries 284704
JP-EF
Unused


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


mFM104BS -- North -- Top/Side -- FM009
Entries 569408
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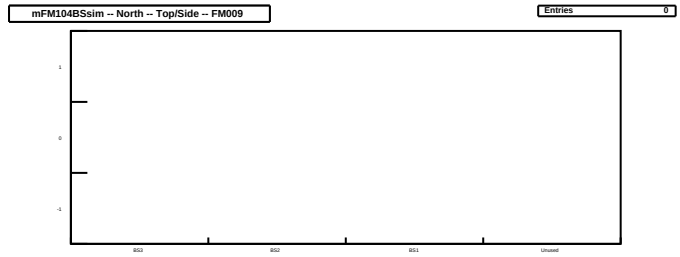
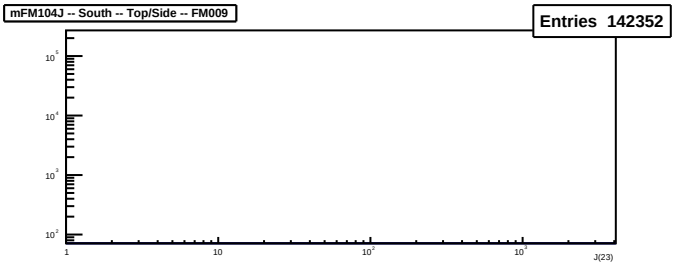
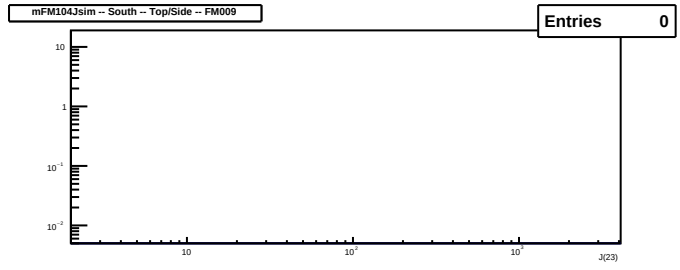
142352
142352
142352
BS3
BS2
BS1
Unused


mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused


mFM104J -- South -- Top/Side -- FM009
Entries 142352
J(23)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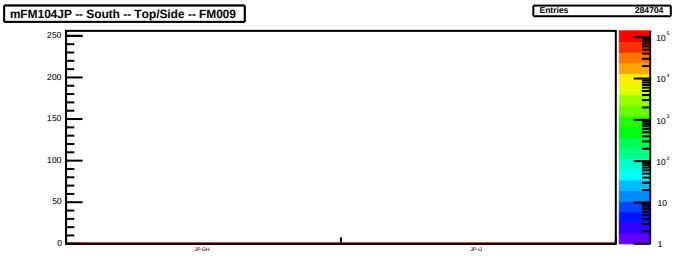
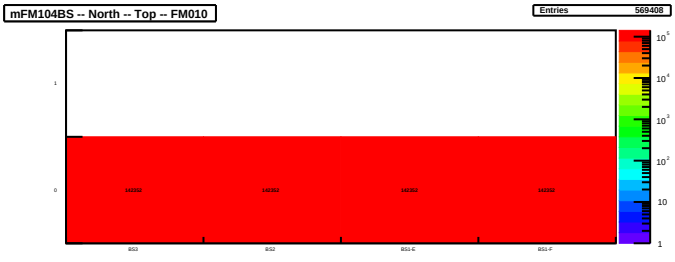
Entries 0
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 284704
JP-GH
JP-IJ

mFM104JPsim -- South -- Top/Side -- FM009
Entries 0
JP-GH
JP-IJ


mFM104BS -- North -- Top -- FM010
Entries 569408
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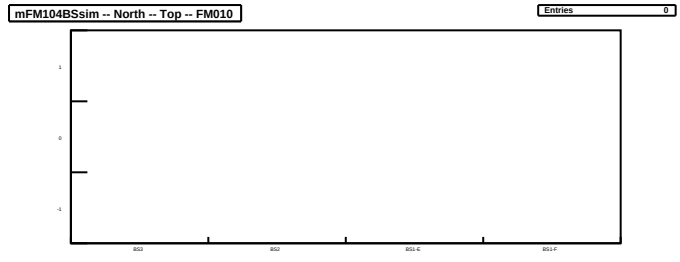
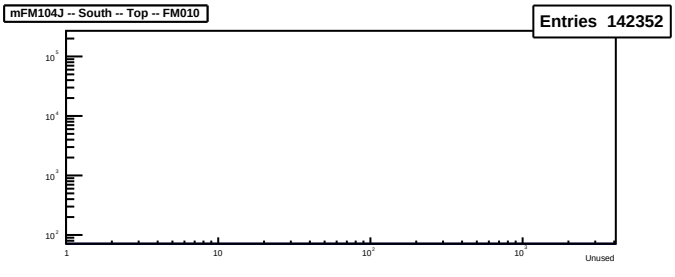
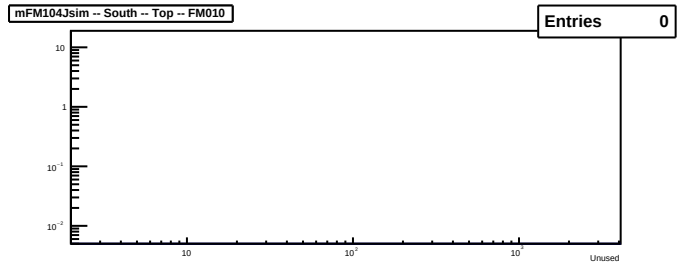
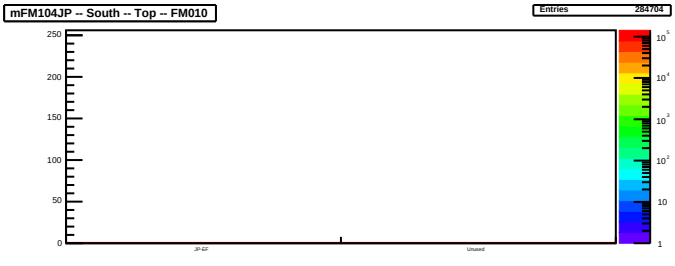
142352
142352
142352
BS3
BS2
BS1-E
BS1-F

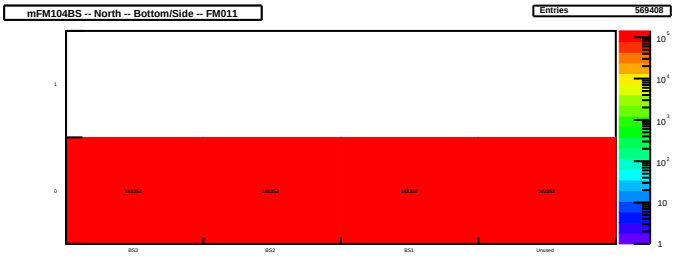

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

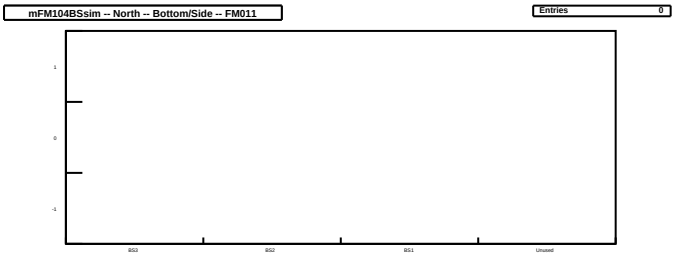

mFM104J -- South -- Top -- FM010
Entries 142352
Unused

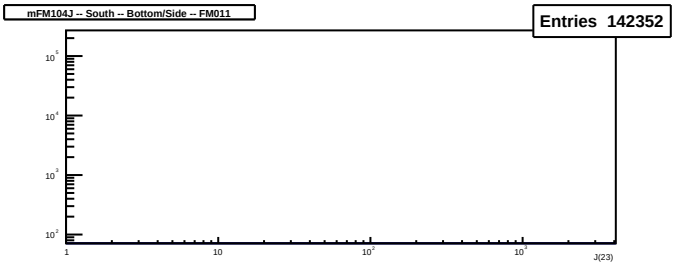

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

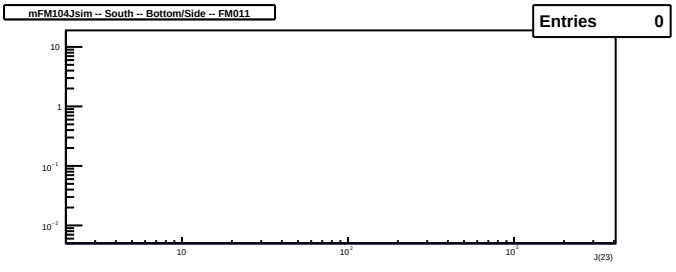

mFM104JP -- South -- Top -- FM010
Entries 284704
JP-EF
Unused

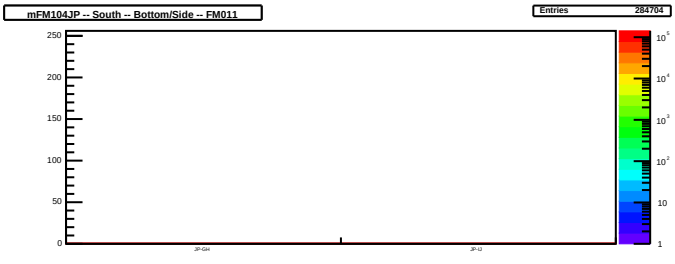
mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

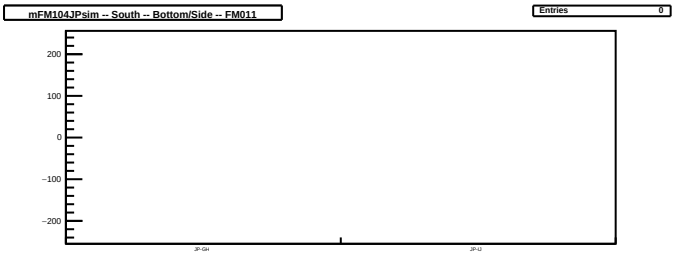

mFM104BS -- North -- Bottom/Side -- FM011
Entries 569408
142352
142352
142352
142352
BS3
BS2
BS1
Unused

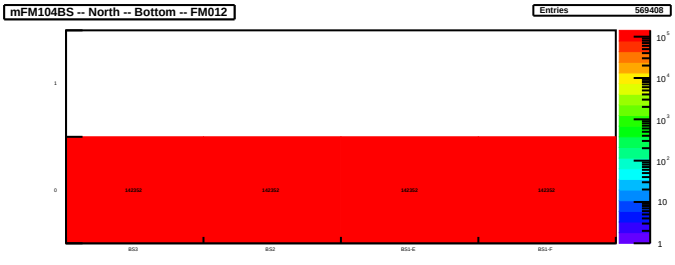

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

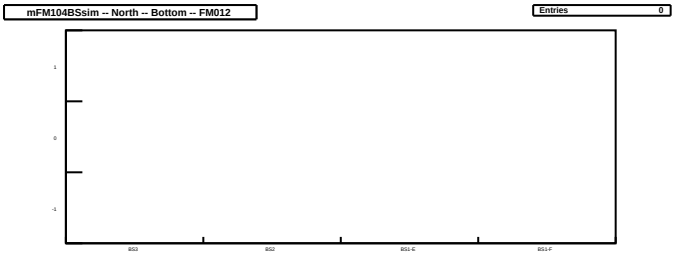

mFM104J -- South -- Bottom/Side -- FM011
Entries 142352
J(23)

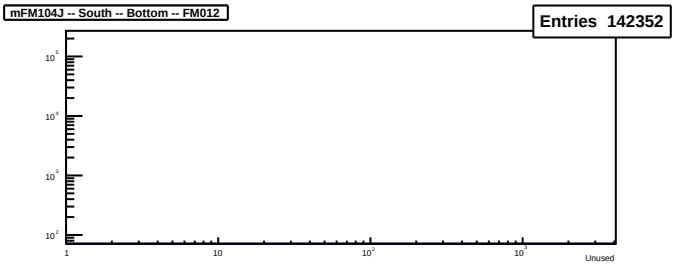

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

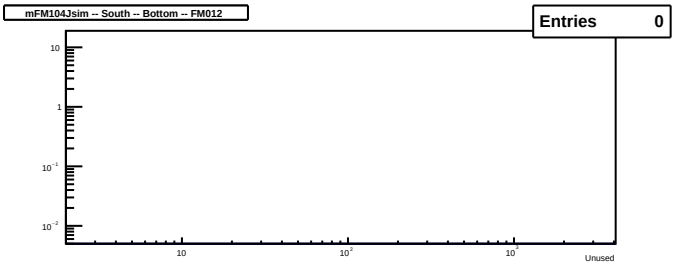

mFM104JP -- South -- Bottom/Side -- FM011
Entries 284704
JP-GH
JP-IJ


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

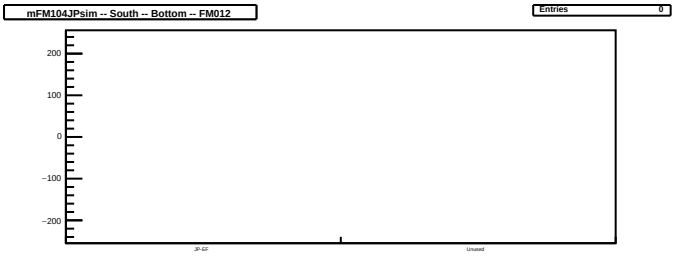

mFM104BS -- North -- Bottom -- FM012
Entries 569408
142352
142352
142352
142352
BS3
BS2
BS1-E
BS1-F

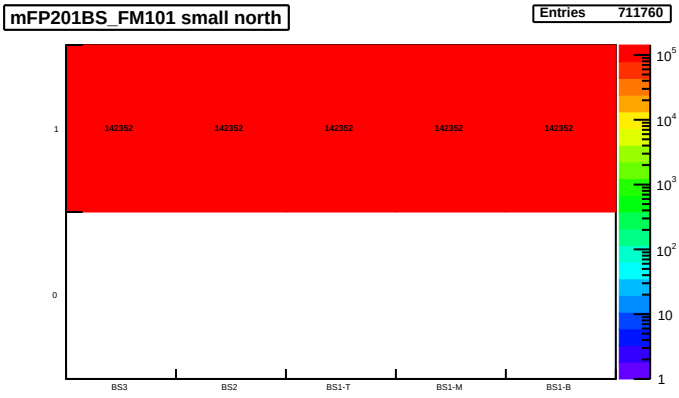

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

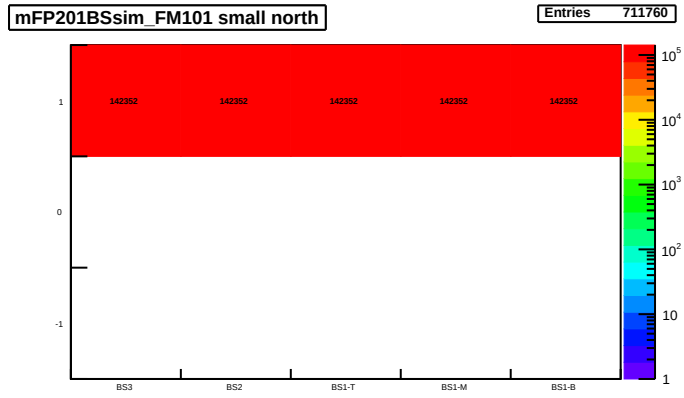

mFM104J -- South -- Bottom -- FM012
Entries 142352
Unused

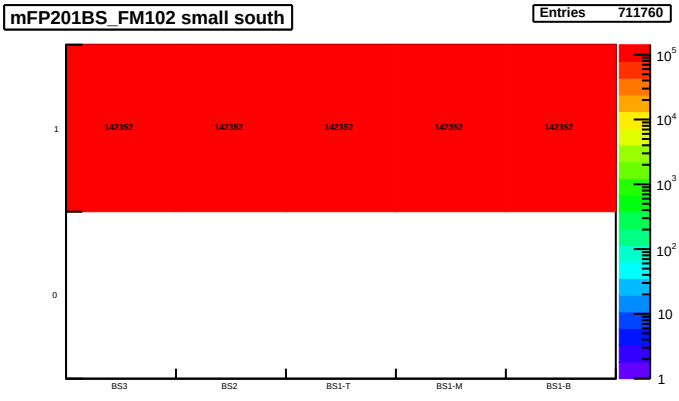

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

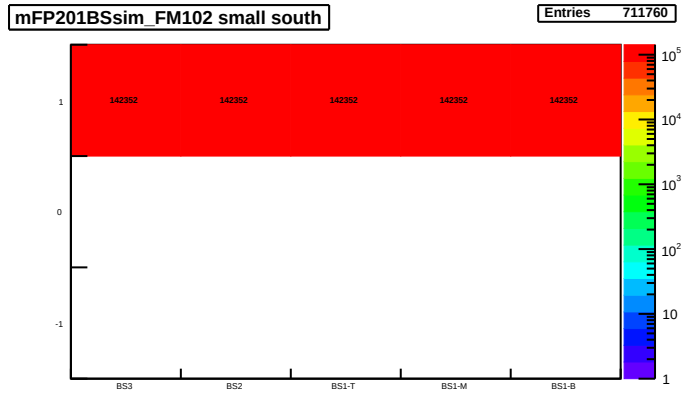
mFM104JP -- South -- Bottom -- FM012
Entries 284704
JP-EF
Unused

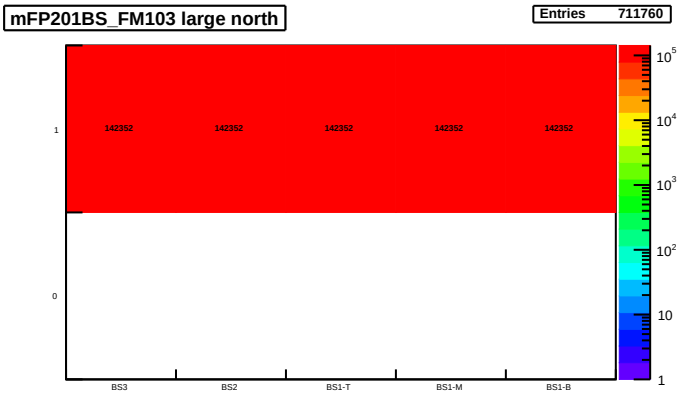

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

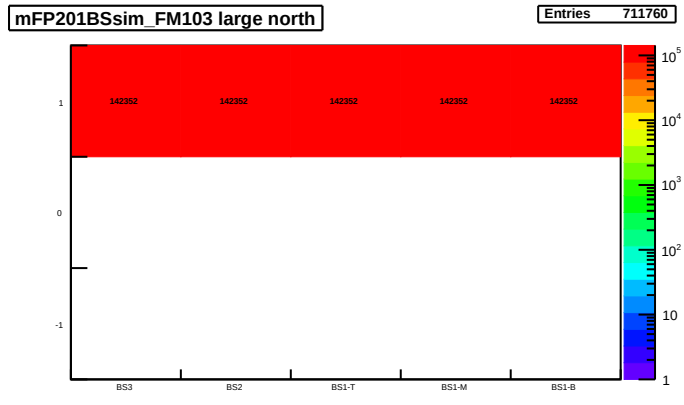

mFP201BS_FM101 small north
Entries 711760
142352
BS3
BS2
BS1-T
BS1-M
BS1-B

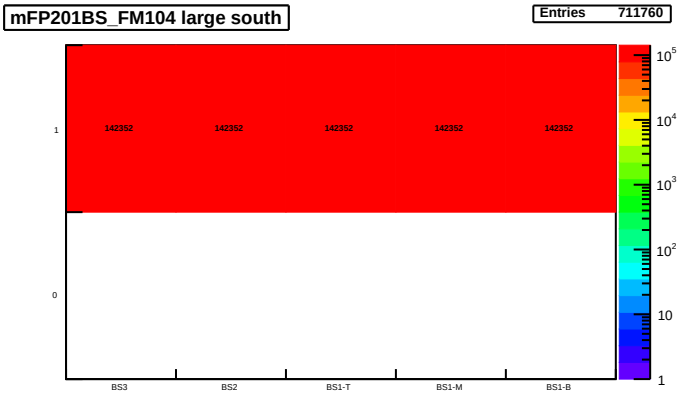

mFP201BSsim_FM101 small north
Entries 711760
142352
BS3
BS2
BS1-T
BS1-M
BS1-B

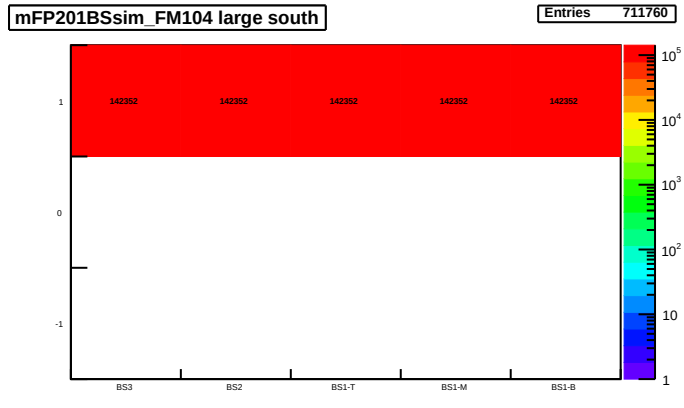

mFP201BS_FM102 small south
Entries 711760
142352
BS3
BS2
BS1-T
BS1-M
BS1-B

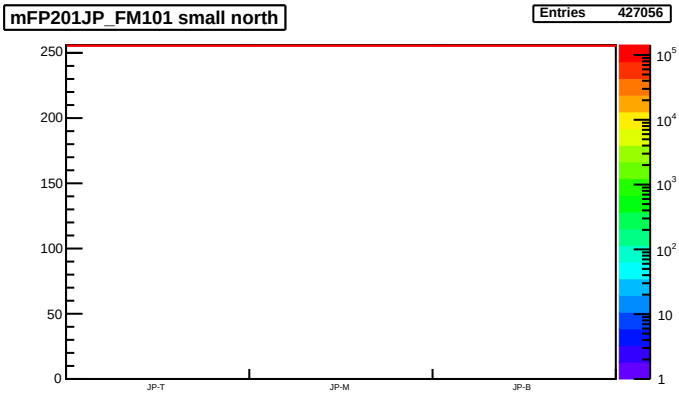

mFP201BSsim_FM102 small south
Entries 711760
142352
BS3
BS2
BS1-T
BS1-M
BS1-B

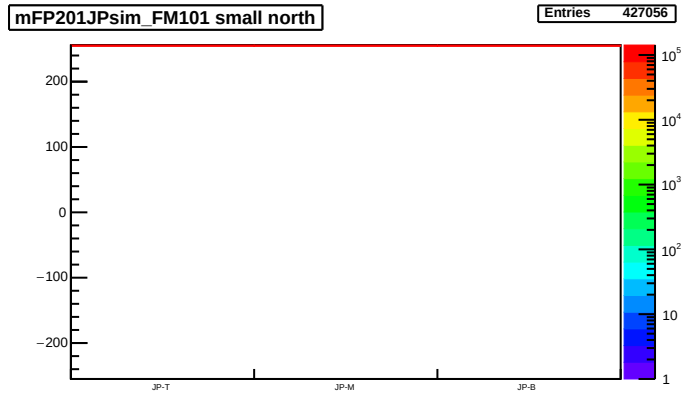

mFP201BS_FM103 large north
Entries 711760
142352
BS3
BS2
BS1-T
BS1-M
BS1-B

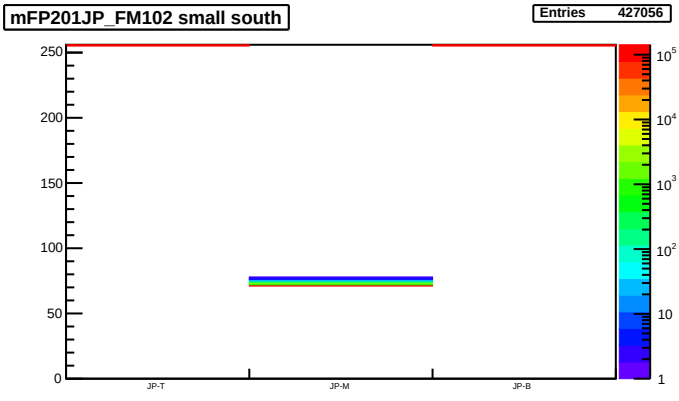

mFP201BSsim_FM103 large north
Entries 711760
142352
BS3
BS2
BS1-T
BS1-M
BS1-B

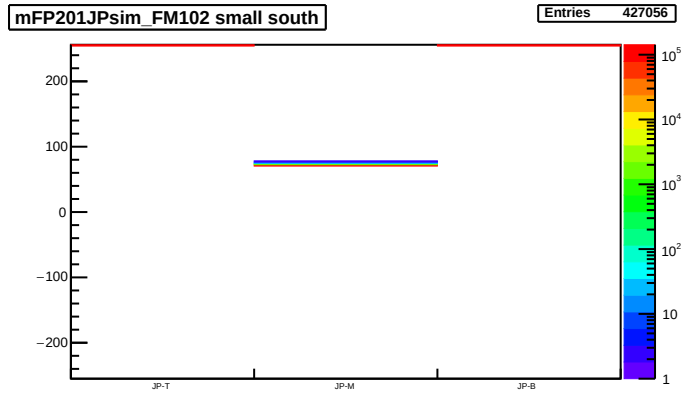

mFP201BS_FM104 large south
Entries 711760
142352
BS3
BS2
BS1-T
BS1-M
BS1-B

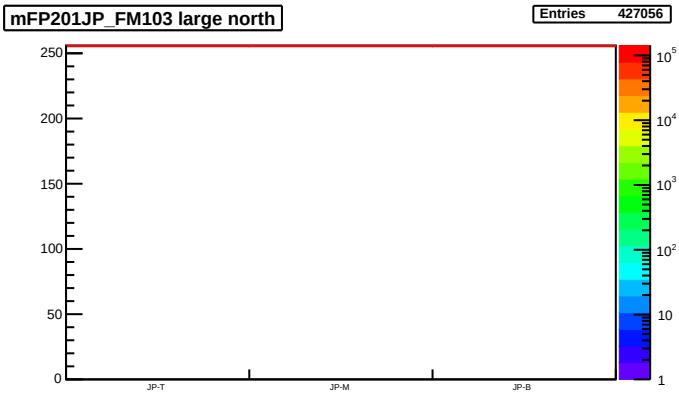

mFP201BSsim_FM104 large south
Entries 711760
142352
BS3
BS2
BS1-T
BS1-M
BS1-B

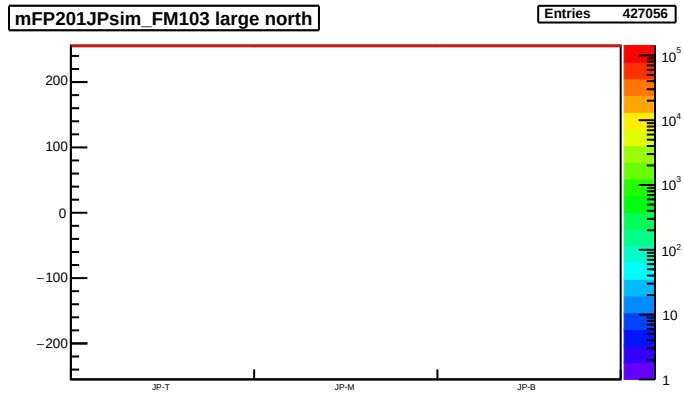

mFP201JP_FM101 small north
Entries 427056
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

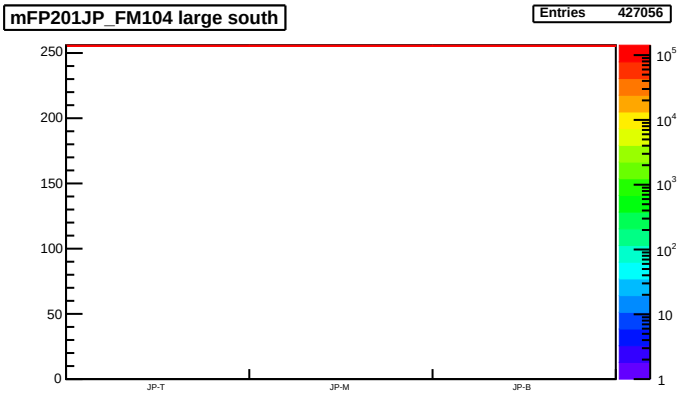

mFP201JPsim_FM101 small north
Entries 427056
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

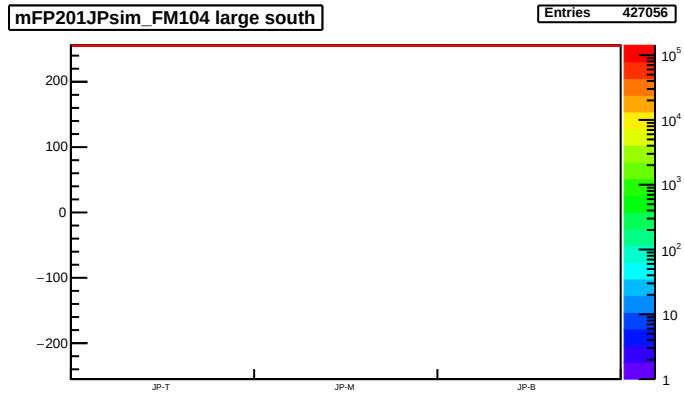

mFP201JP_FM102 small south
Entries 427056
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

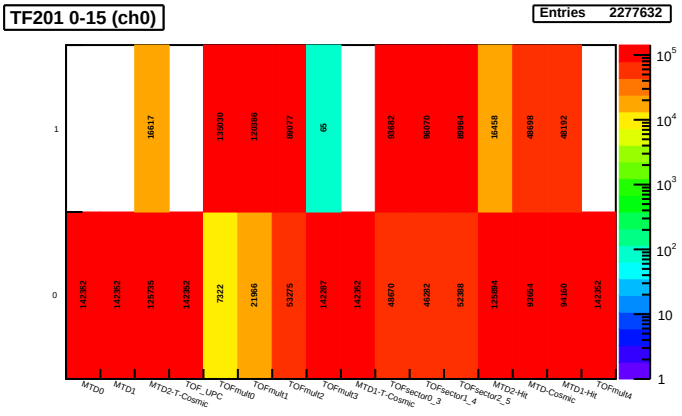

mFP201JPsim_FM102 small south
Entries 427056
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

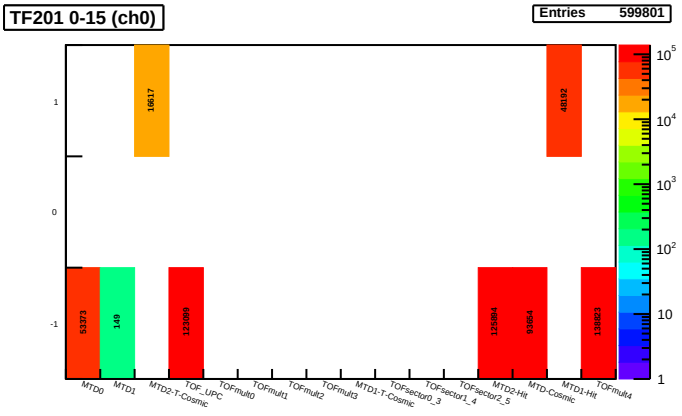

mFP201JP_FM103 large north
Entries 427056
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

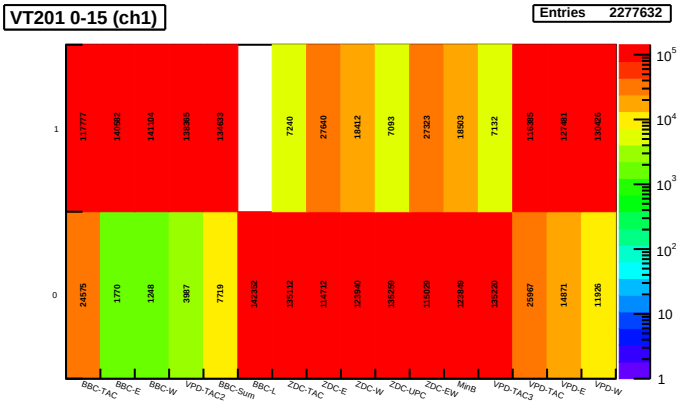

mFP201JPsim_FM103 large north
Entries 427056
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

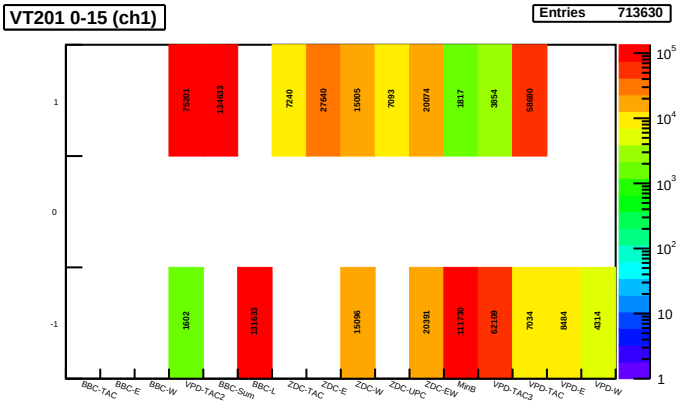

mFP201JP_FM104 large south
Entries 427056
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

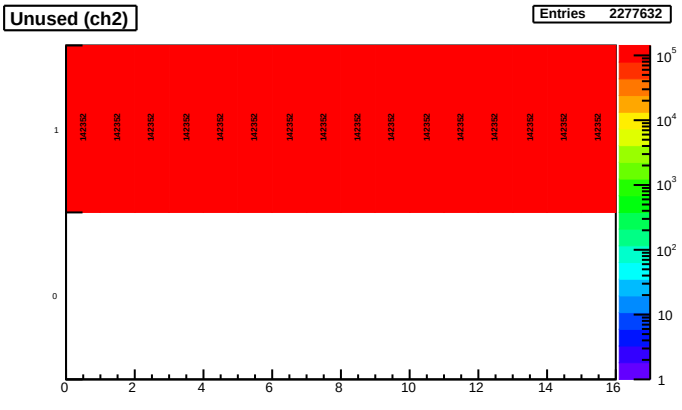

mFP201JPsim_FM104 large south
Entries 427056
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

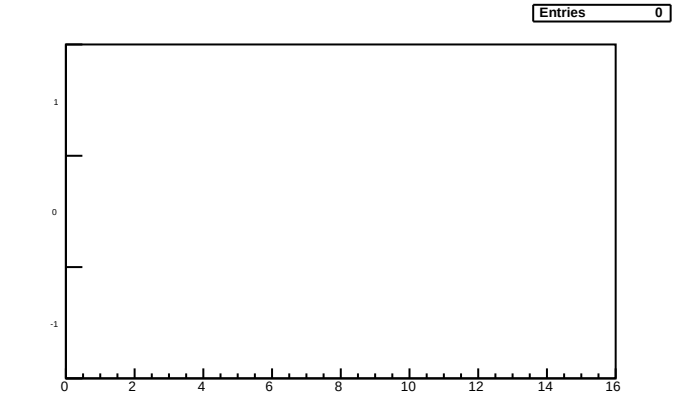

TF201 0-15 (ch0)
Entries 2277632
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

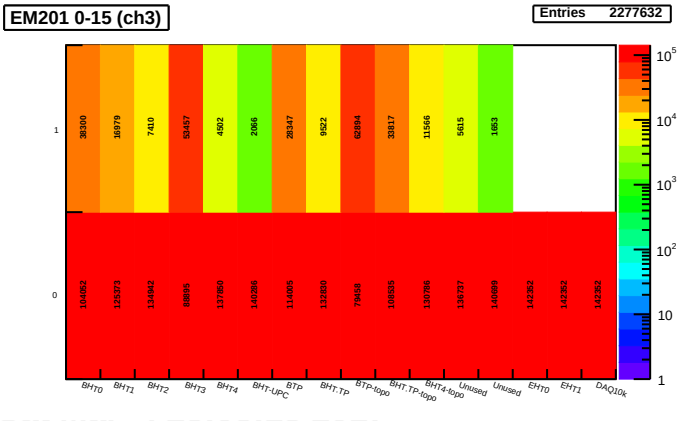

TF201 0-15 (ch0)
Entries 599801
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

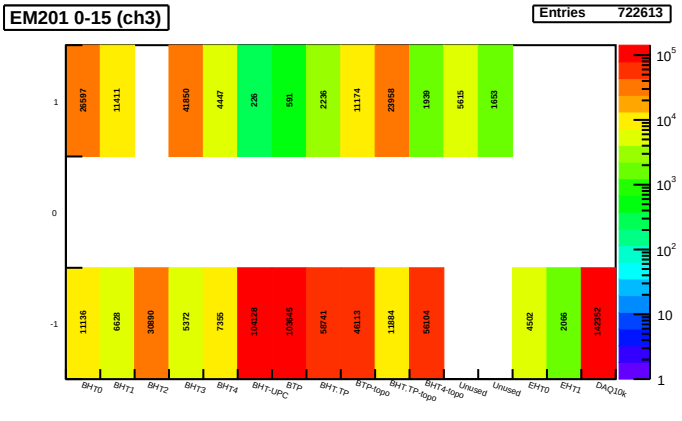

VT201 0-15 (ch1)
Entries 2277632
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

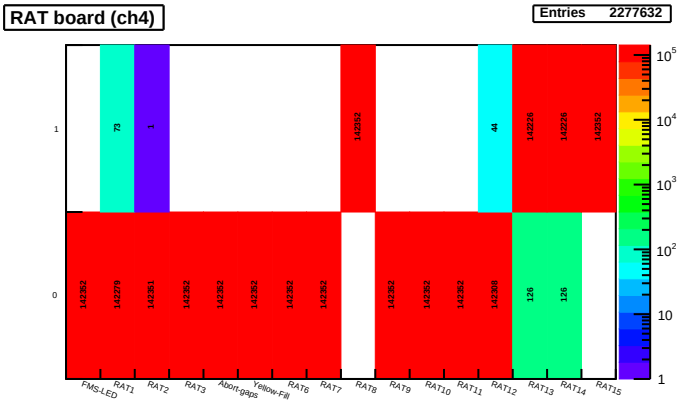

VT201 0-15 (ch1)
Entries 713630
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

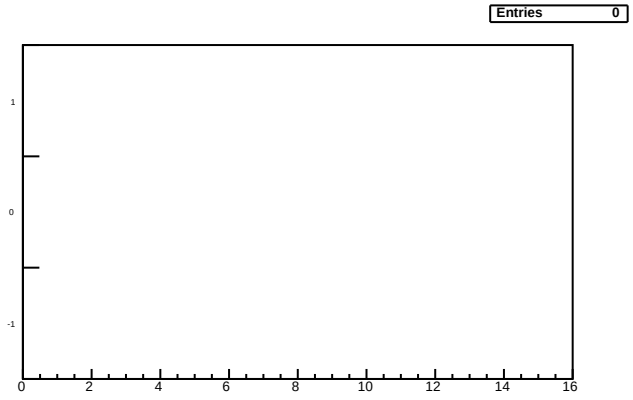

Unused (ch2)
Entries 2277632

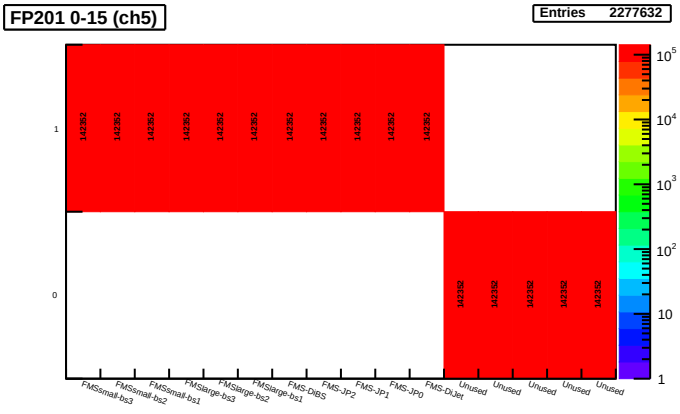

Entries 0

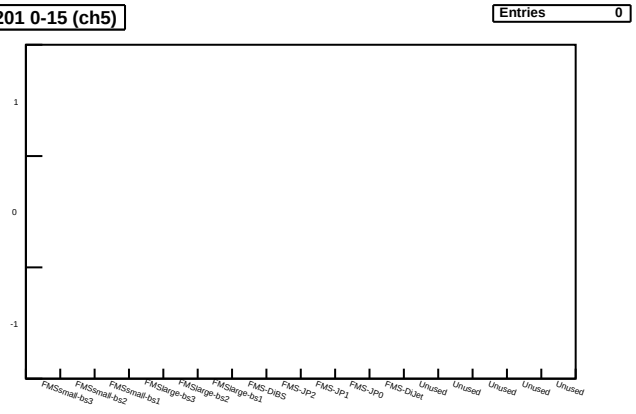

EM201 0-15 (ch3)
Entries 2277632
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

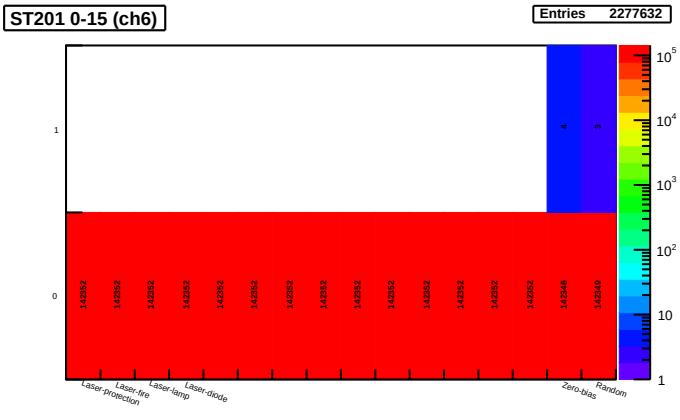

EM201 0-15 (ch3)
Entries 722613
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

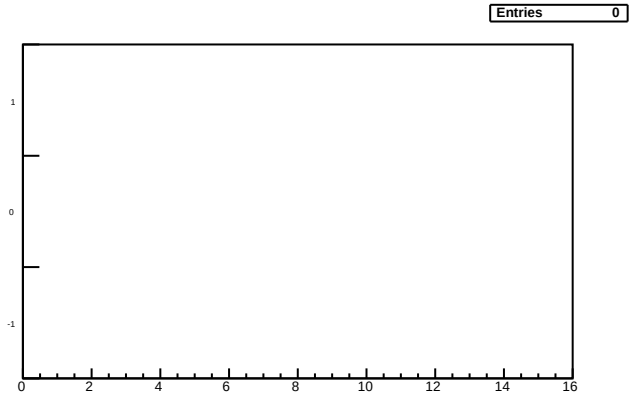

RAT board (ch4)
Entries 2277632
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15


Entries 0


FP201 0-15 (ch5)
Entries 2277632
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 2277632
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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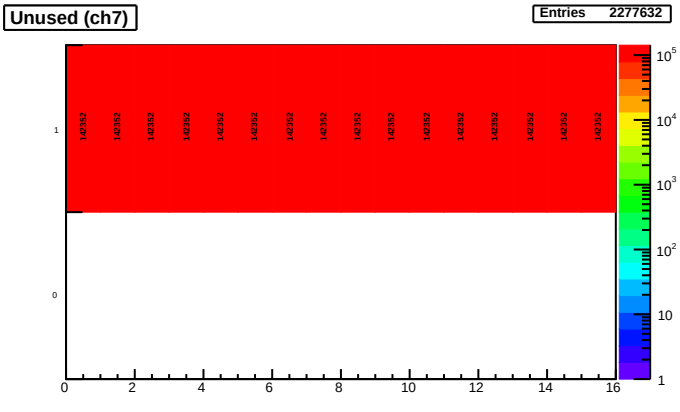
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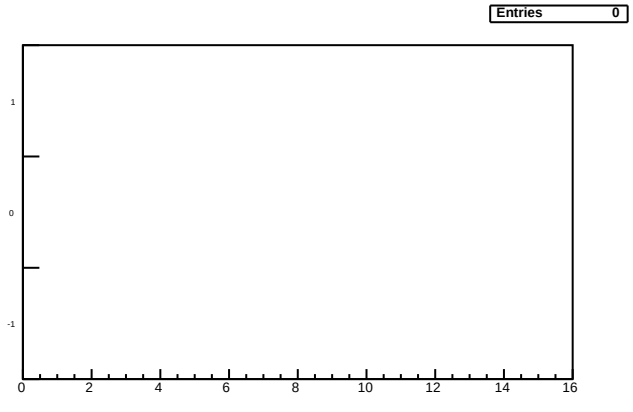
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