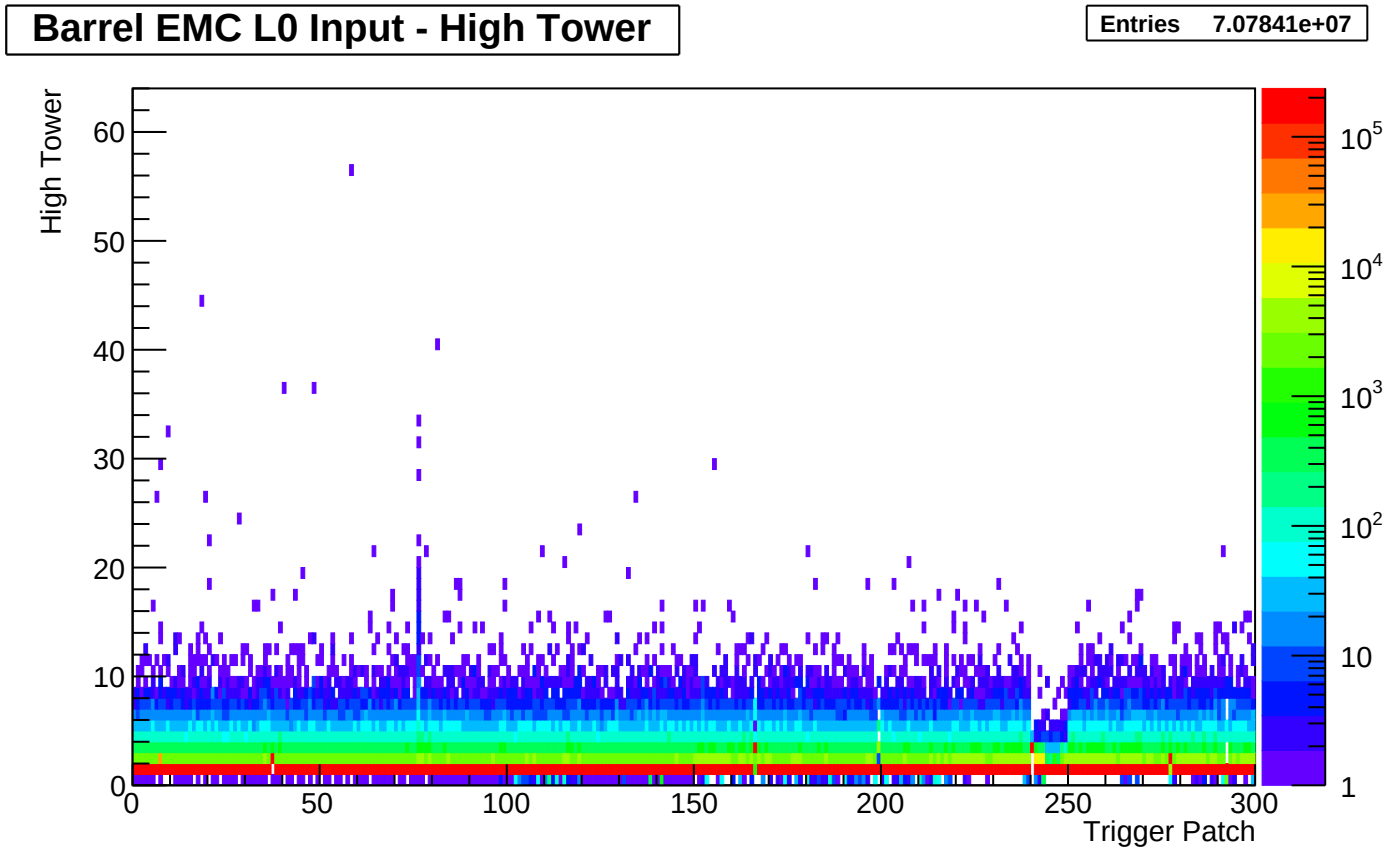
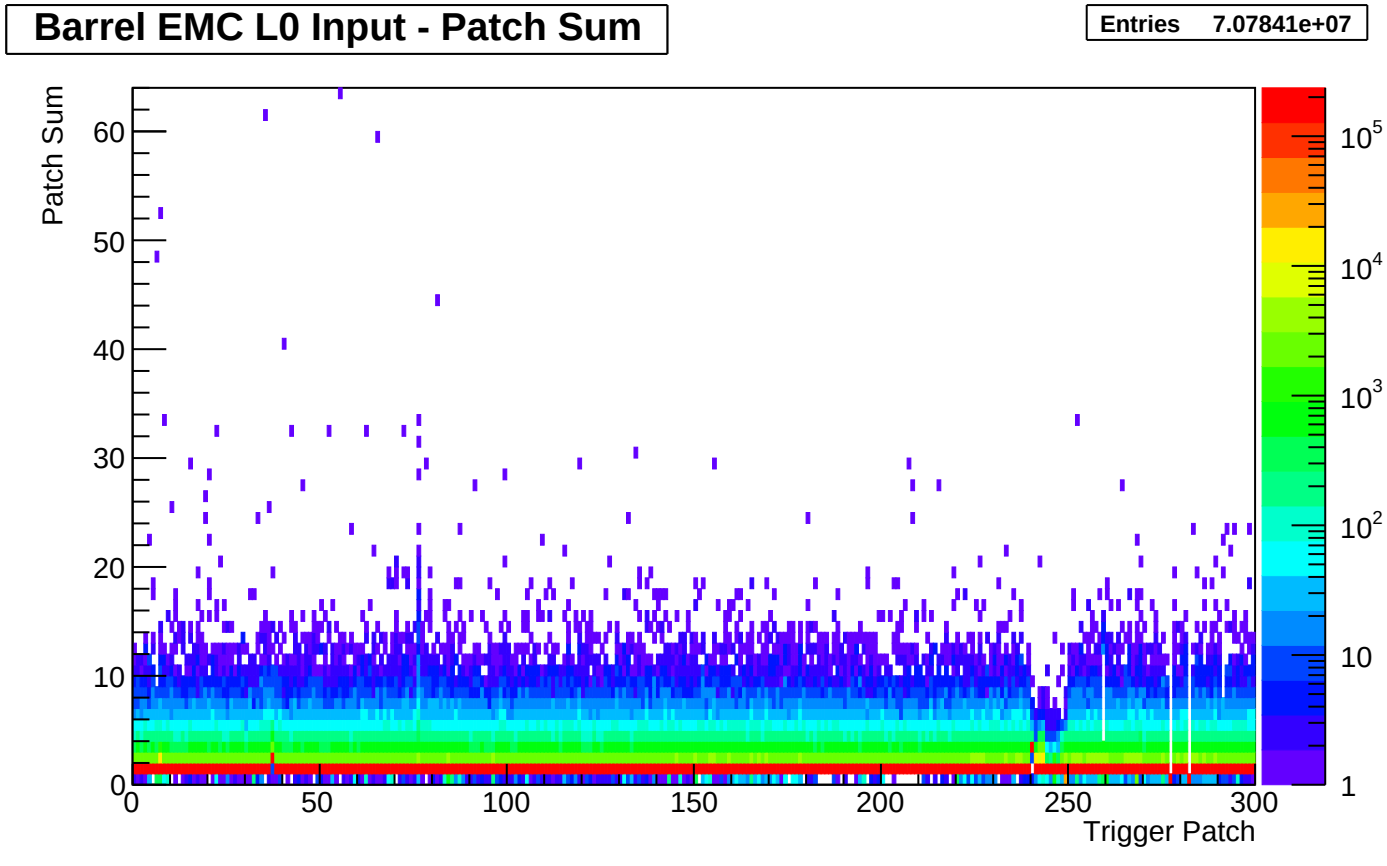
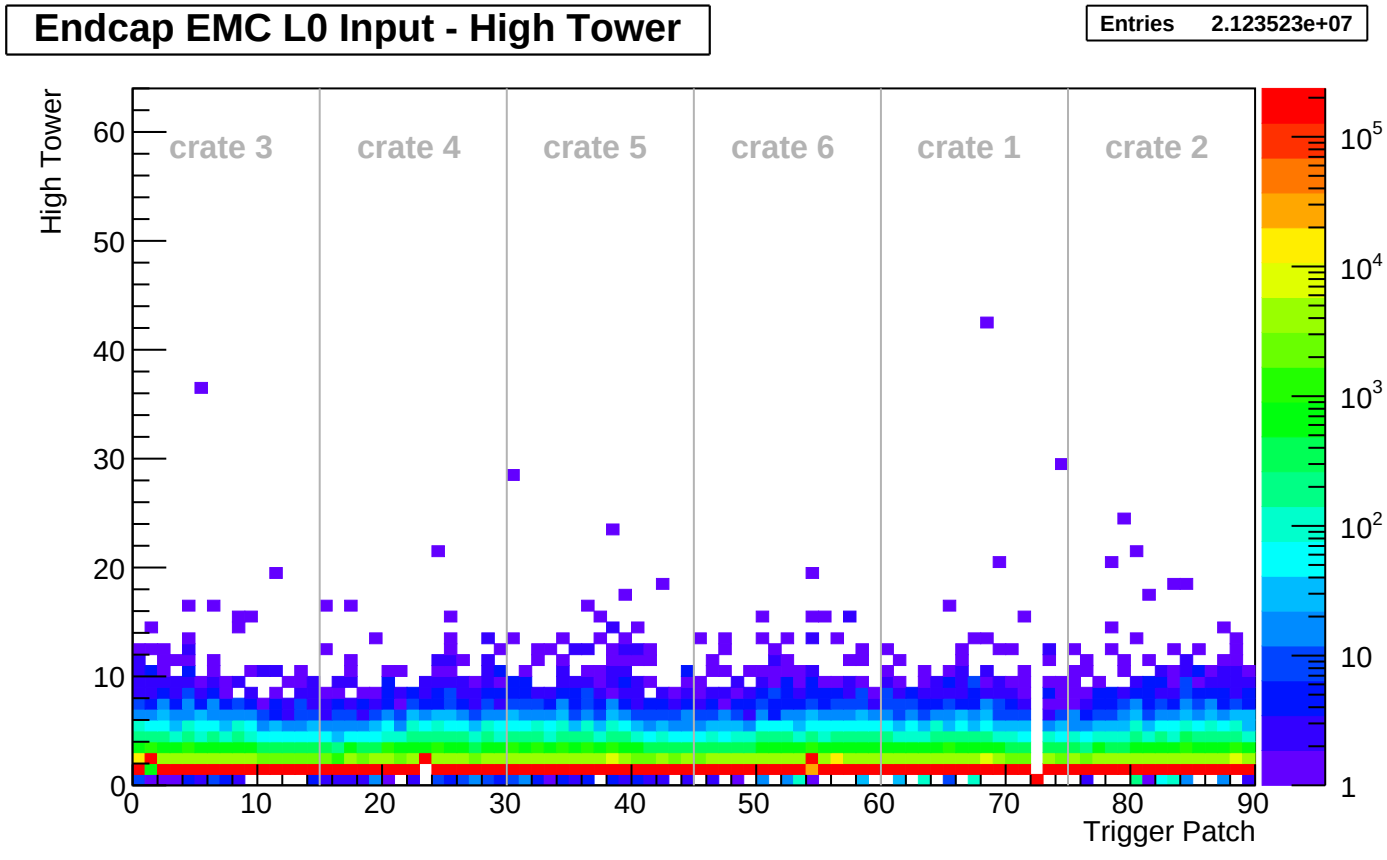
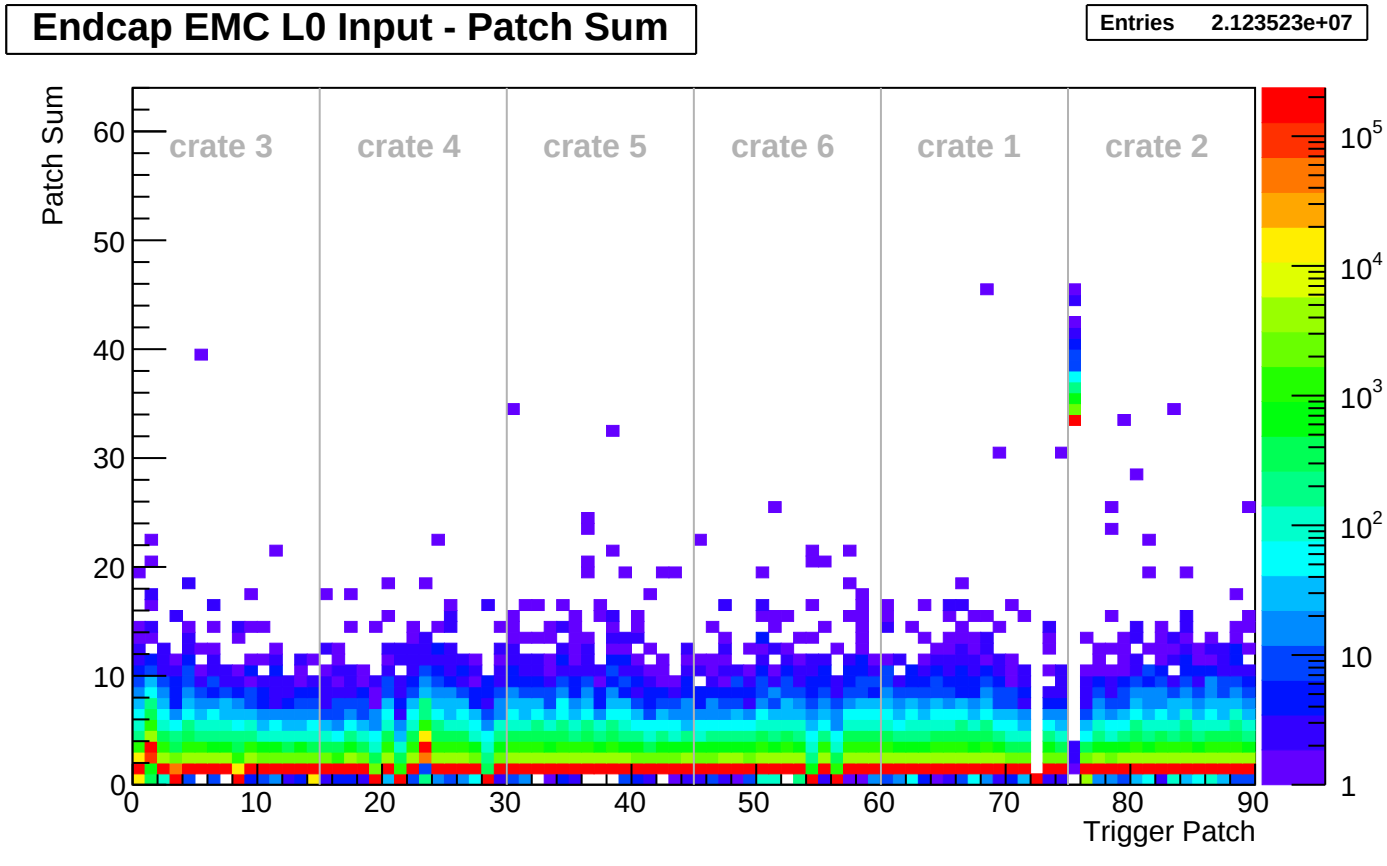
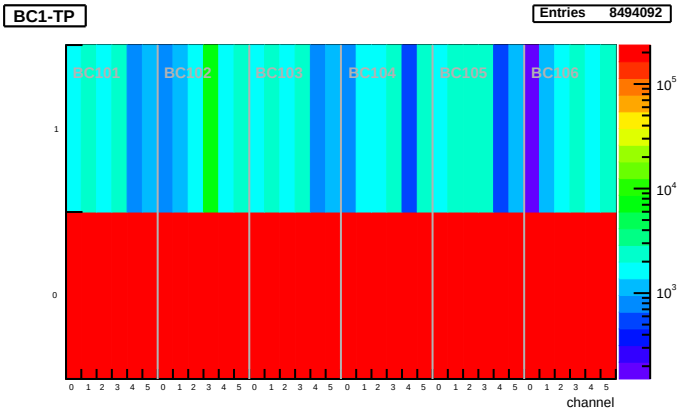
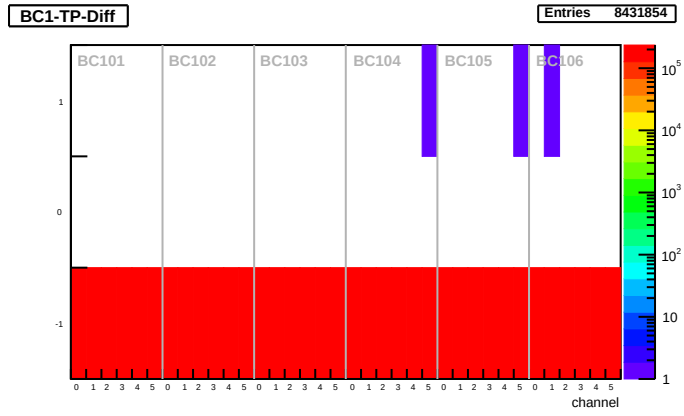

Barrel EMC L0 Input - High Tower
Entries 7.07841e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

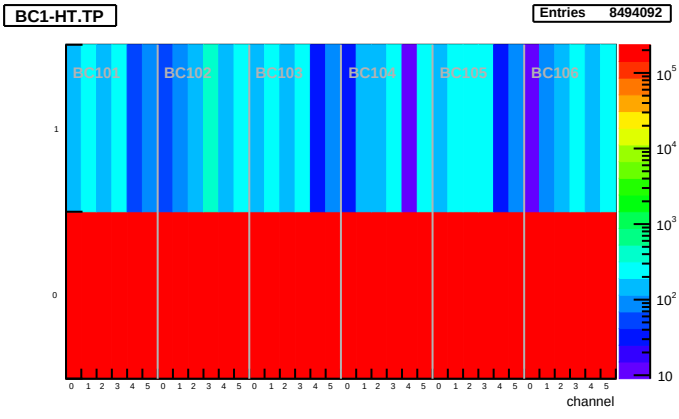

Barrel EMC L0 Input - Patch Sum
Entries 7.07841e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

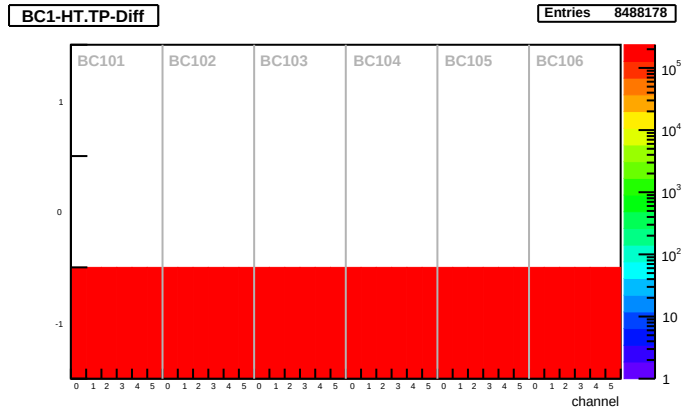

Endcap EMC L0 Input - High Tower
Entries 2.123523e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

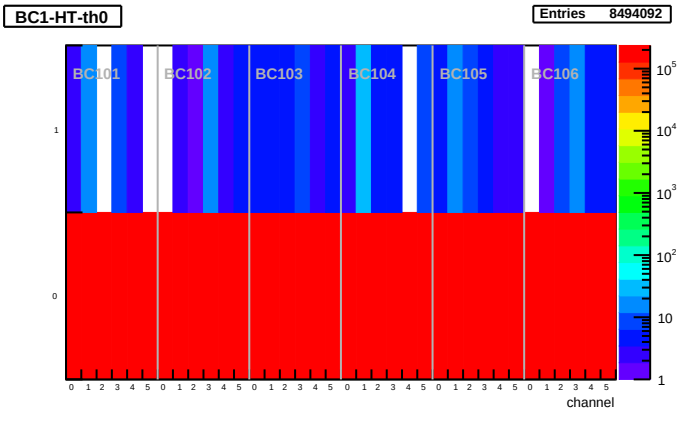

Endcap EMC L0 Input - Patch Sum
Entries 2.123523e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

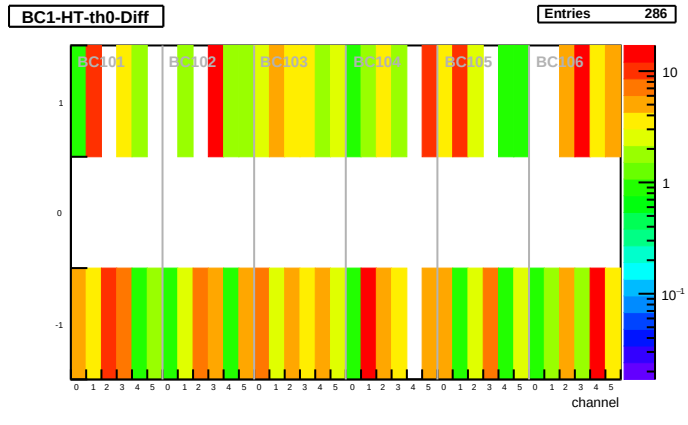

BC1-TP
Entries 8494092
BC101
BC102
BC103
BC104
BC105
BC106
channel

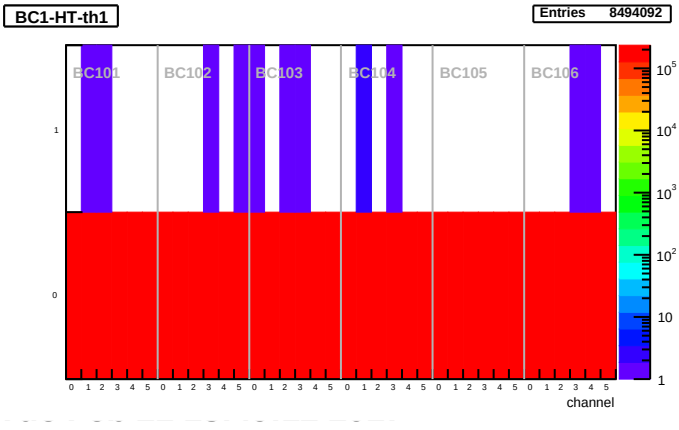

BC1-TP-Diff
Entries 8431854
BC101
BC102
BC103
BC104
BC105
BC106
channel

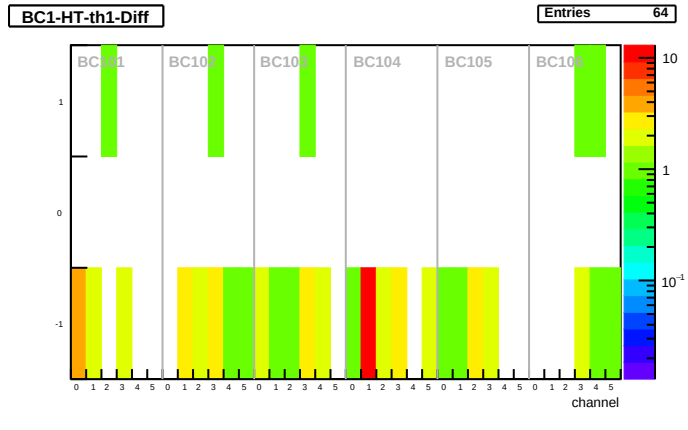

BC1-HT.TP
Entries 8494092
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT.TP-Diff
Entries 8488178
BC101
BC102
BC103
BC104
BC105
BC106
channel

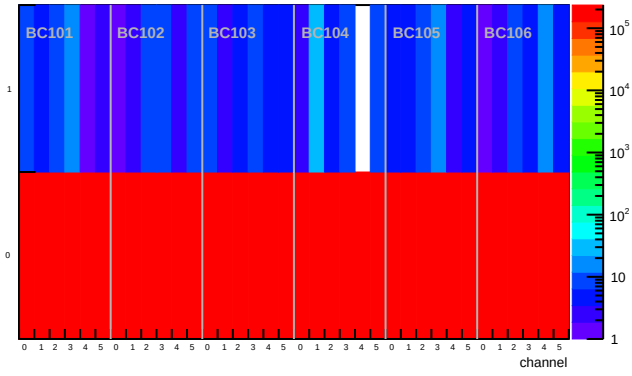

BC1-HT-th0
Entries 8494092
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT-th0-Diff
Entries 286
BC101
BC102
BC103
BC104
BC105
BC106
channel

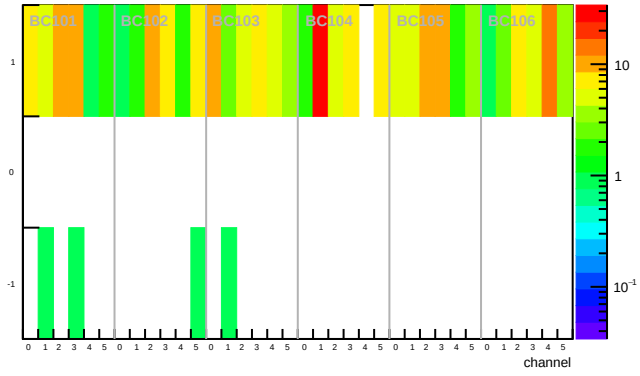

BC1-HT-th1
Entries 8494092
BC101
BC102
BC103
BC104
BC105
BC106
channel


BC1-HT-th1-Diff
Entries 64
BC101
BC102
BC103
BC104
BC105
BC106
channel

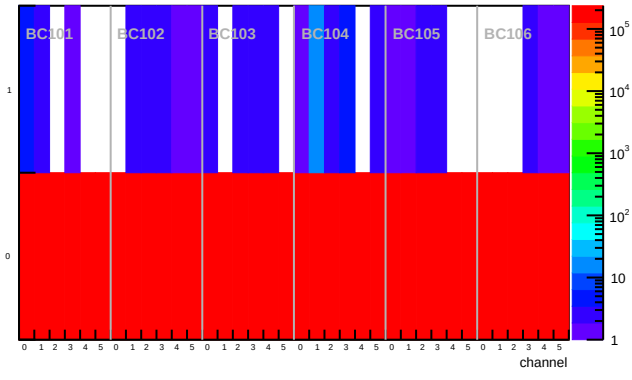
BC1-HT-th2 Entries 8494092



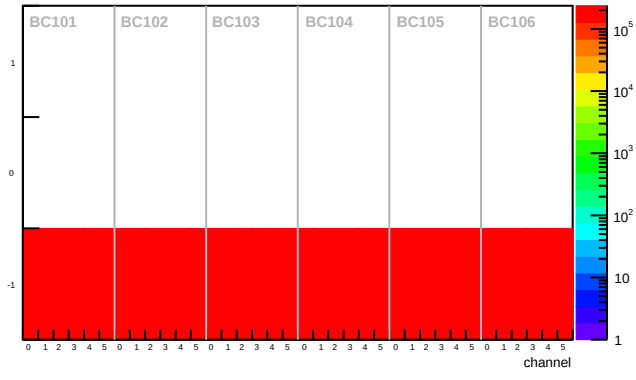
BC1-HT-th2-Diff Entries 236



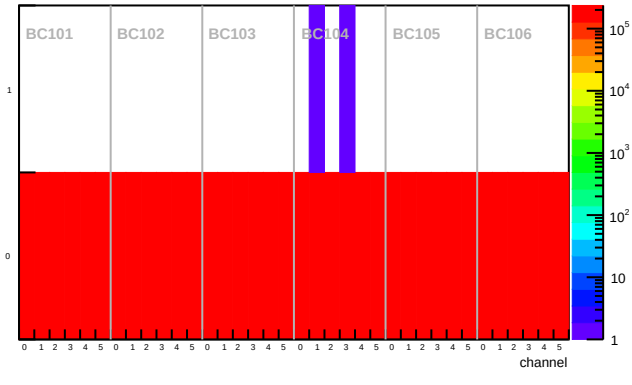
BC1-HT-th3 Entries 8494092



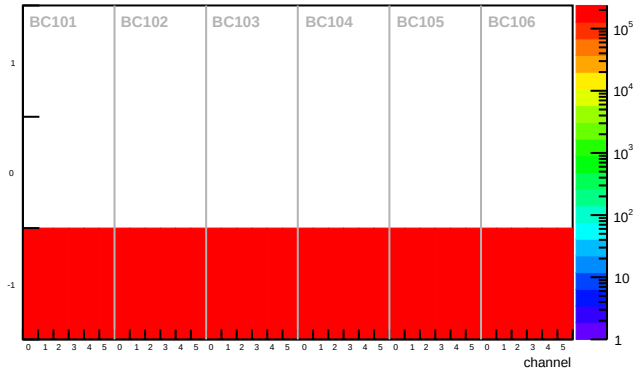
BC1-HT-th3-Diff Entries 8494023



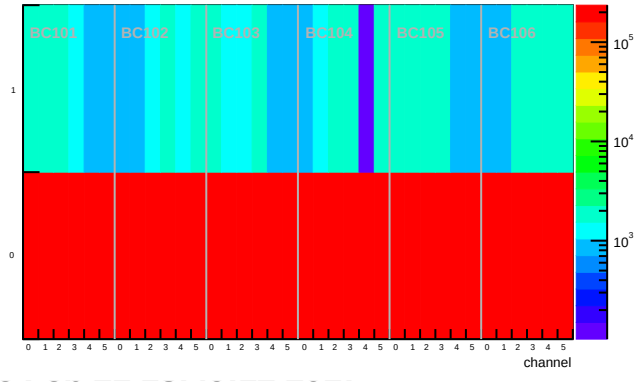
BC1-HT-th4 Entries 8494092



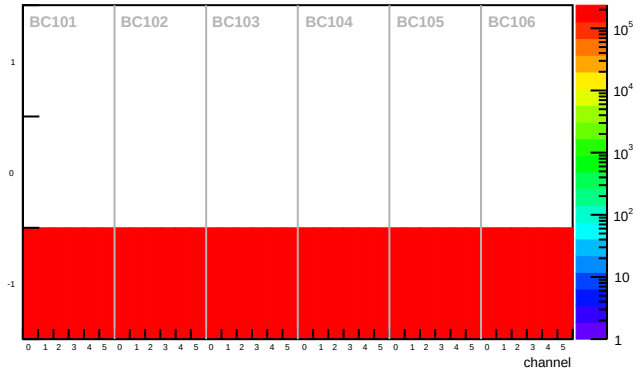
BC1-HT-th4-Diff Entries 8494082

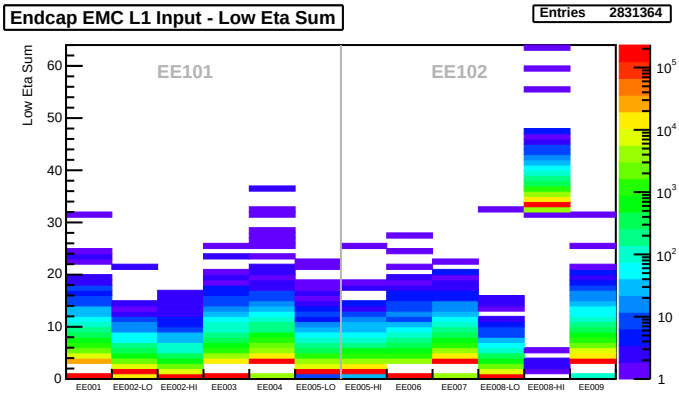


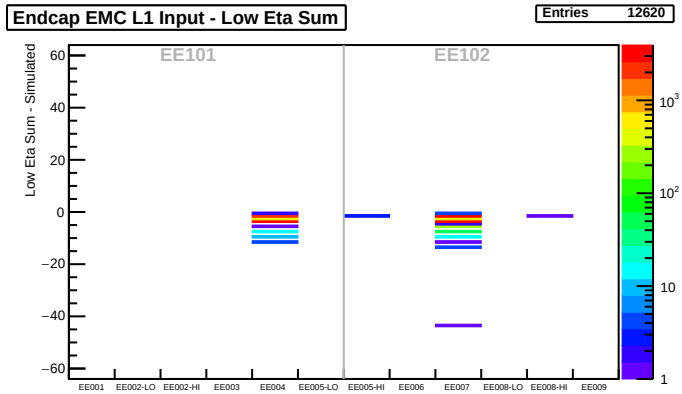
BC1-HT-UPC Entries 8494092

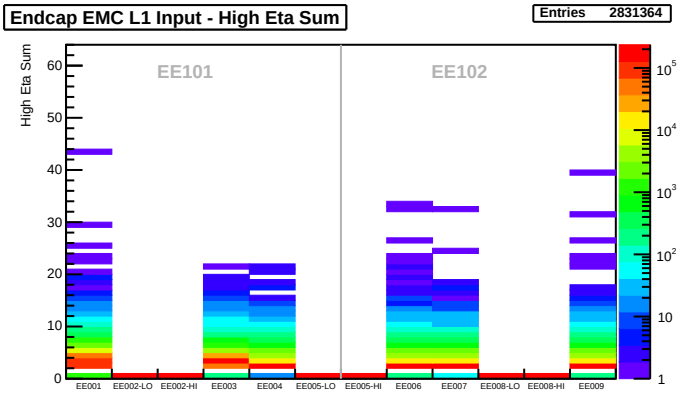


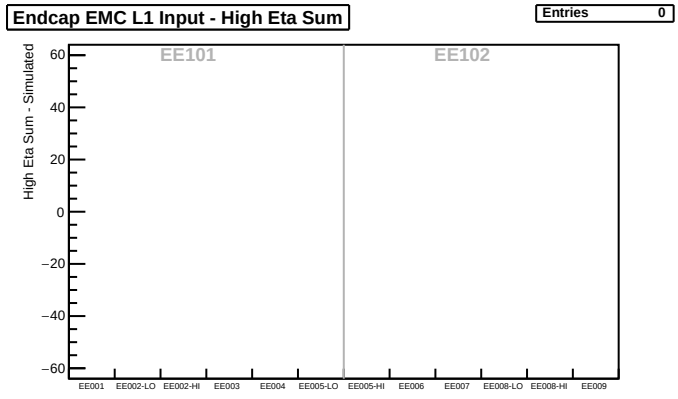
BC1-HT-UPC-Diff Entries 8444055

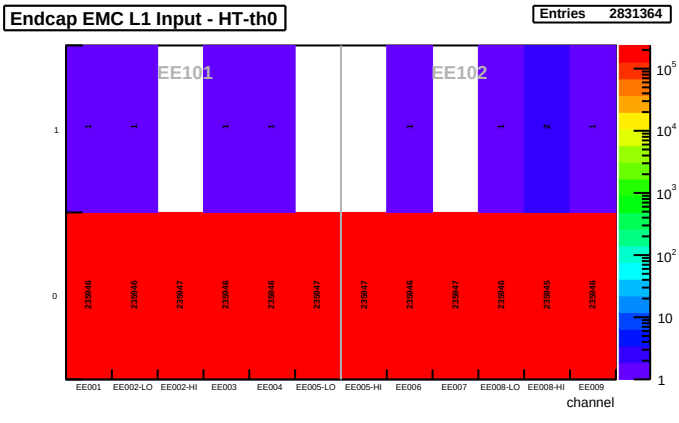


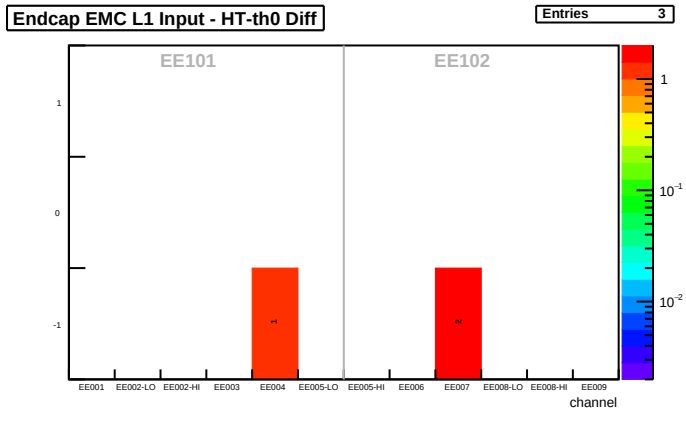

Endcap EMC L1 Input - Low Eta Sum
Entries 2831364
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

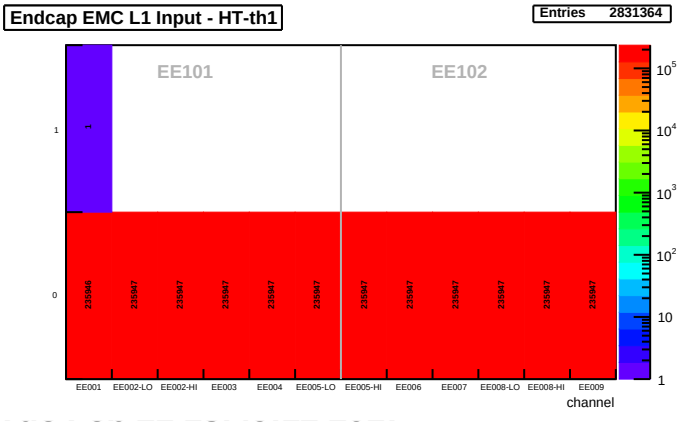

Endcap EMC L1 Input - Low Eta Sum
Entries 12620
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

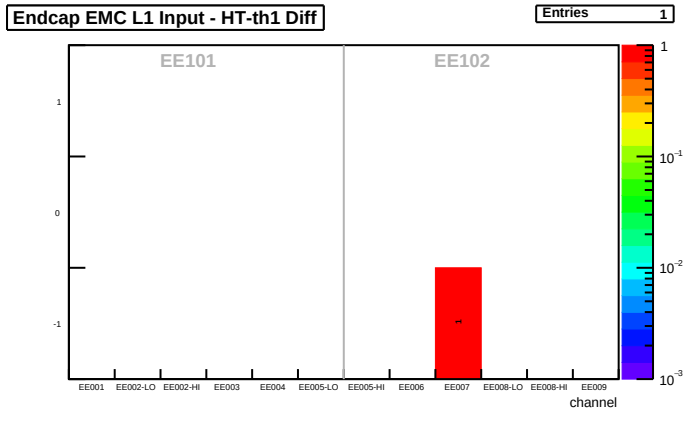

Endcap EMC L1 Input - High Eta Sum
Entries 2831364
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

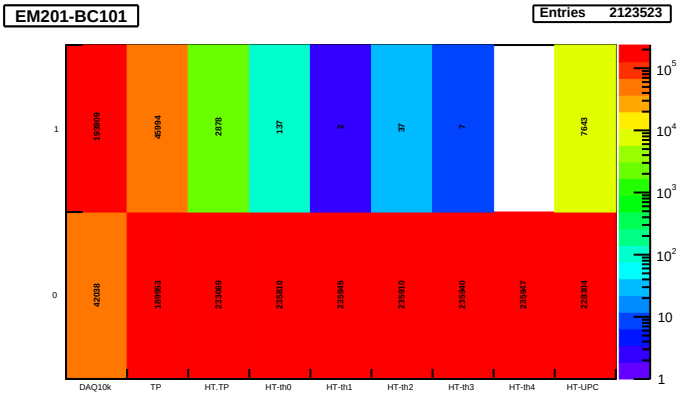

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

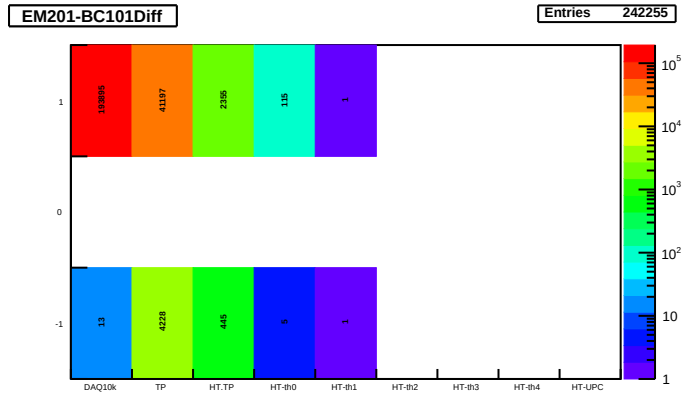

Endcap EMC L1 Input - HT-th0
Entries 2831364
EE101
EE102
channel

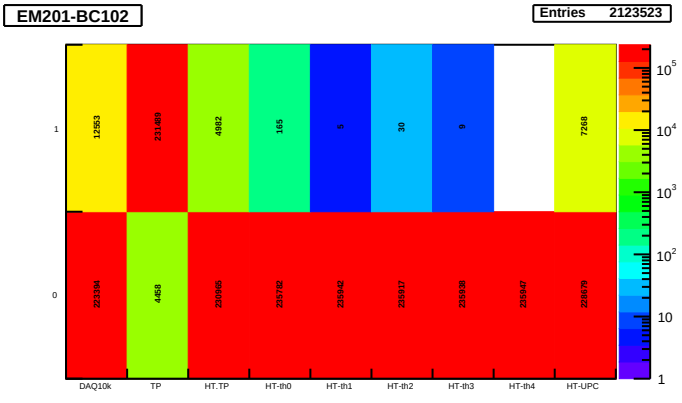

Endcap EMC L1 Input - HT-th0 Diff
Entries 3
EE101
EE102
channel

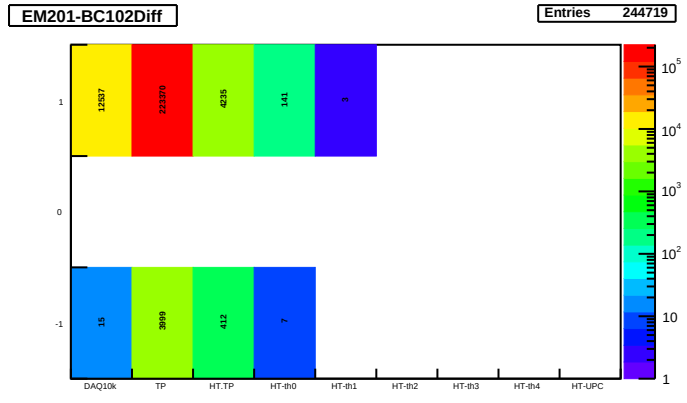

Endcap EMC L1 Input - HT-th1
Entries 2831364
EE101
EE102
channel

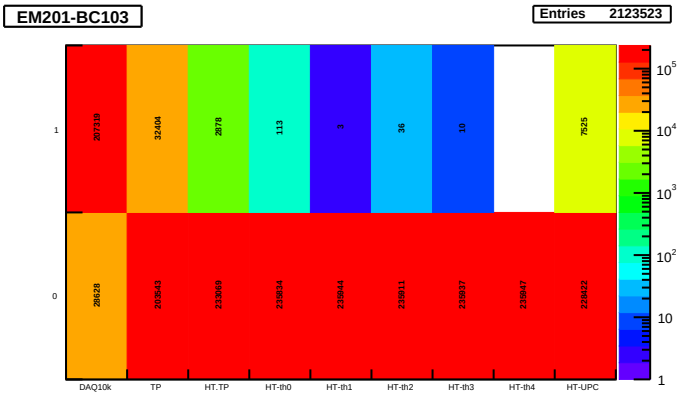

Endcap EMC L1 Input - HT-th1 Diff
Entries 1
EE101
EE102
channel

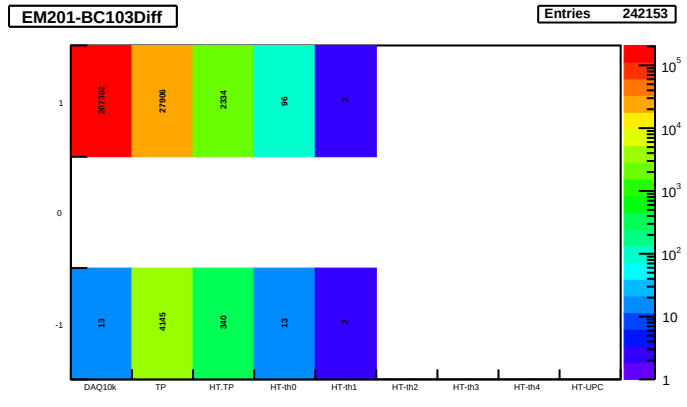

EM201-BC101
Entries 2123523
193909
45994
2878
137
2
37
7
7643
42038
189953
233069
235810
235945
235910
235940
235947
228304
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

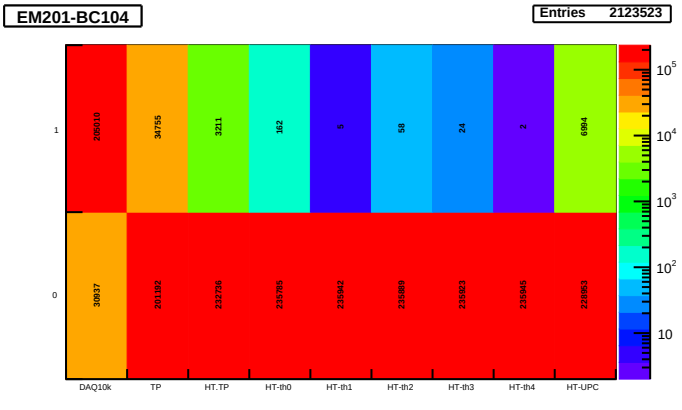

EM201-BC101Diff
Entries 242255
193895
41197
2355
115
1
13
4228
445
5
1
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

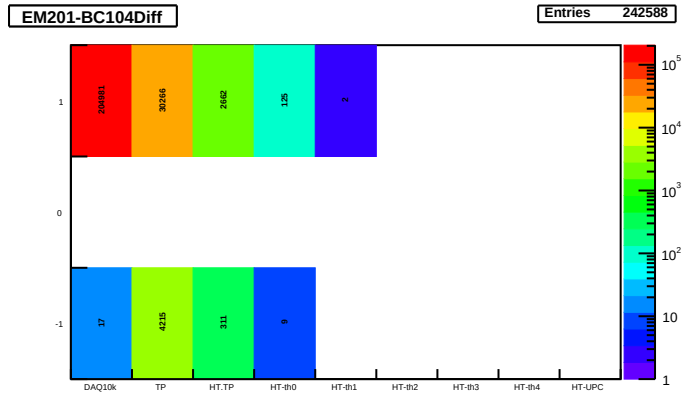

EM201-BC102
Entries 2123523
12553
231489
4982
165
5
30
9
7268
223394
4458
230965
235782
235942
235917
235938
235947
228679
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC102Diff
Entries 244719
12537
223370
4235
141
3
15
3999
412
7
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

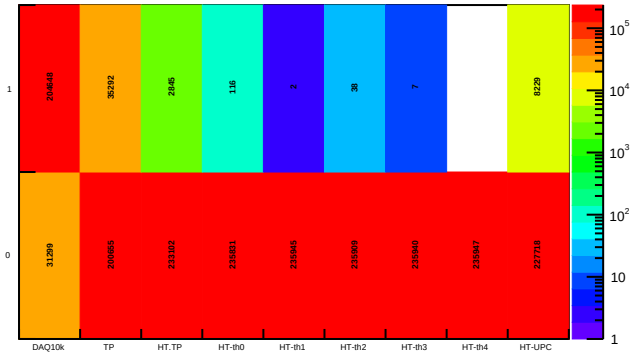

EM201-BC103
Entries 2123523
207319
32404
2878
113
3
36
10
7525
28628
203543
233069
235834
235944
235911
235937
235947
228422
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC103Diff
Entries 242153
207302
27906
2334
96
2
13
4145
340
13
2
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

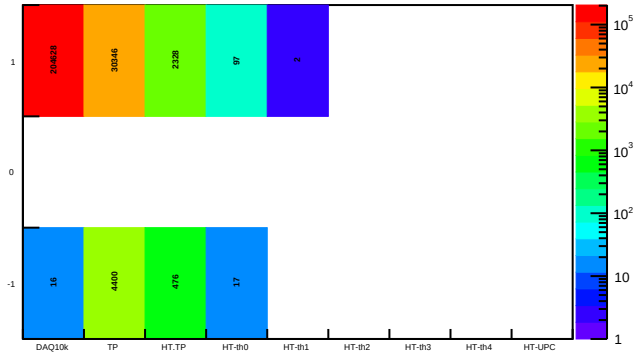

EM201-BC104
Entries 2123523
205010
34755
3211
162
5
58
24
2
6994
30937
201192
232736
235785
235942
235889
235923
235945
228953
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC


EM201-BC104Diff
Entries 242588
204981
30266
2662
125
2
17
4215
311
9
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC

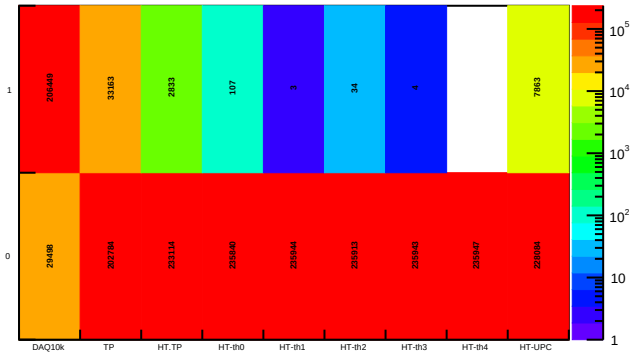
EM201-BC105 Entries 2123523



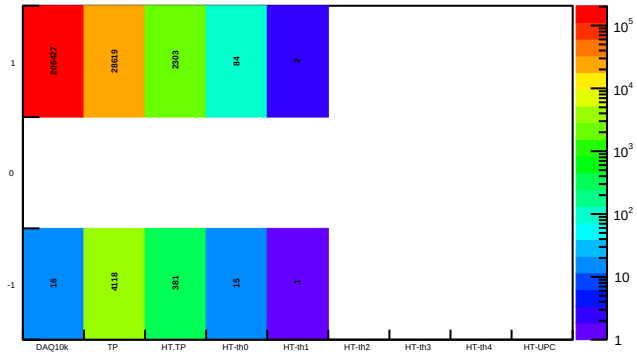
EM201-BC105Diff Entries 242310



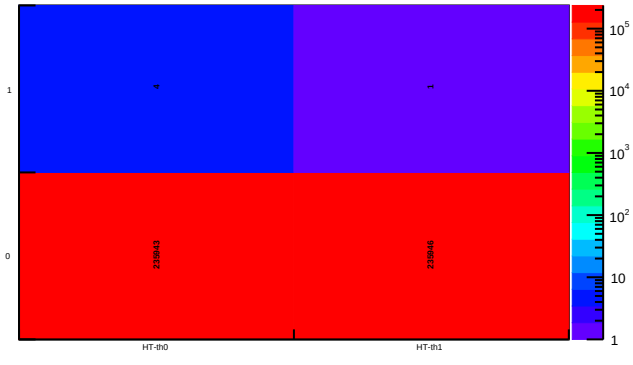
EM201-BC106 Entries 2123523



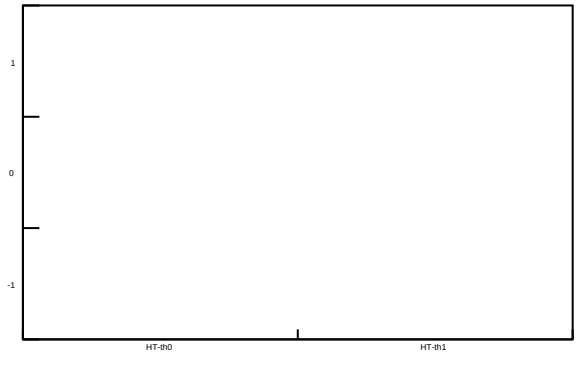
EM201-BC106Diff Entries 241966



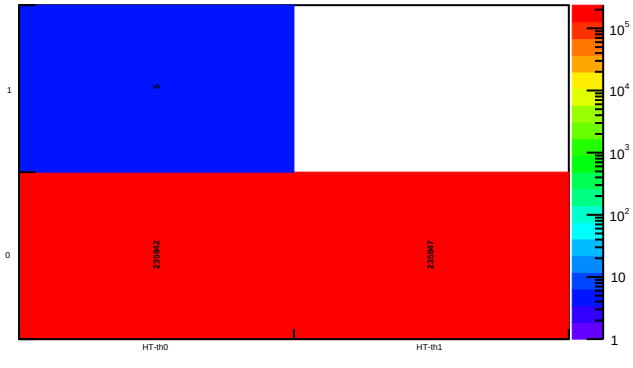
EM201-EE101 Entries 471894



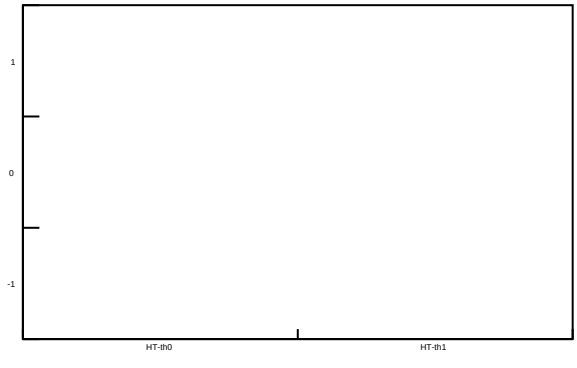
EM201-EE101Diff Entries 0

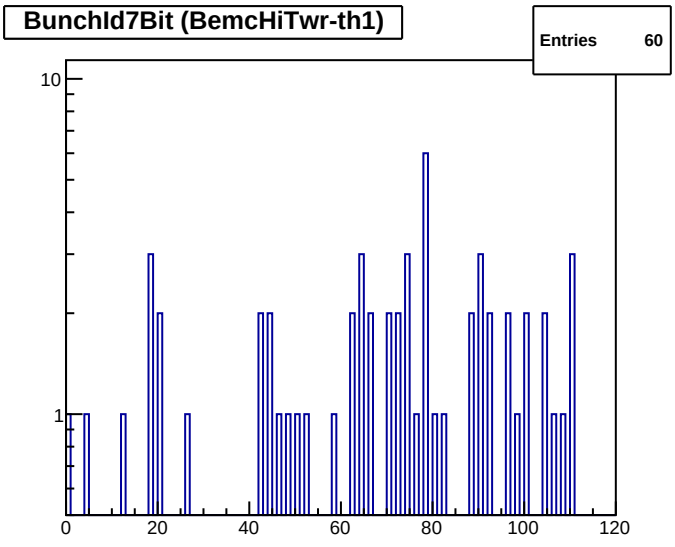


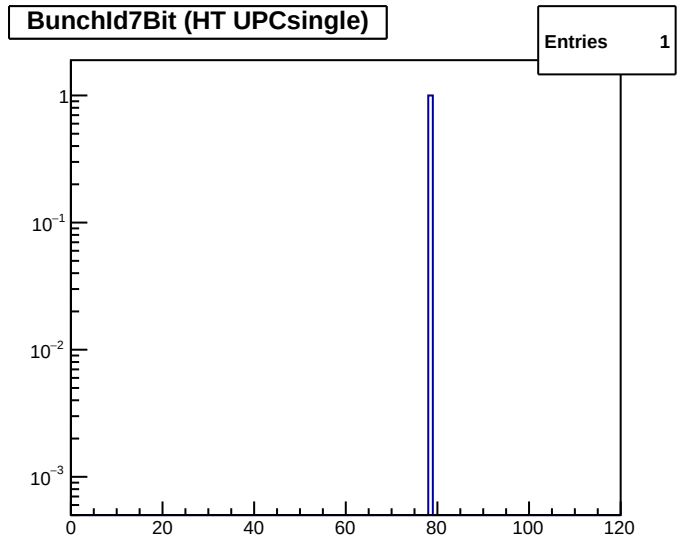
EM201-EE102 Entries 471894

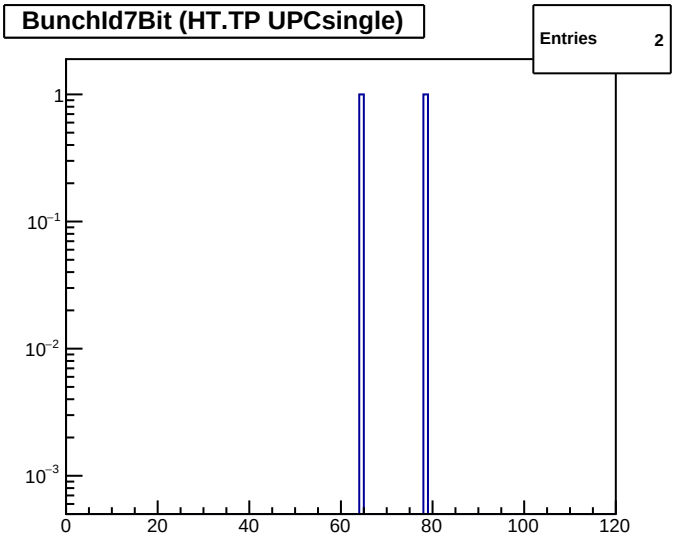


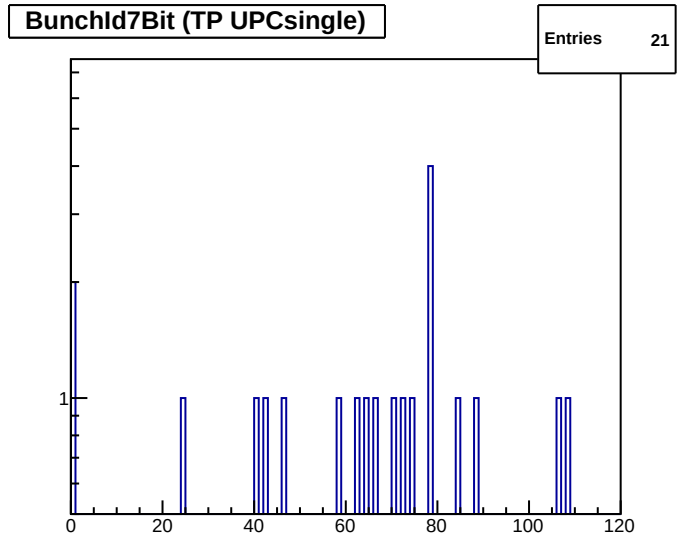
EM201-EE102Diff Entries 0

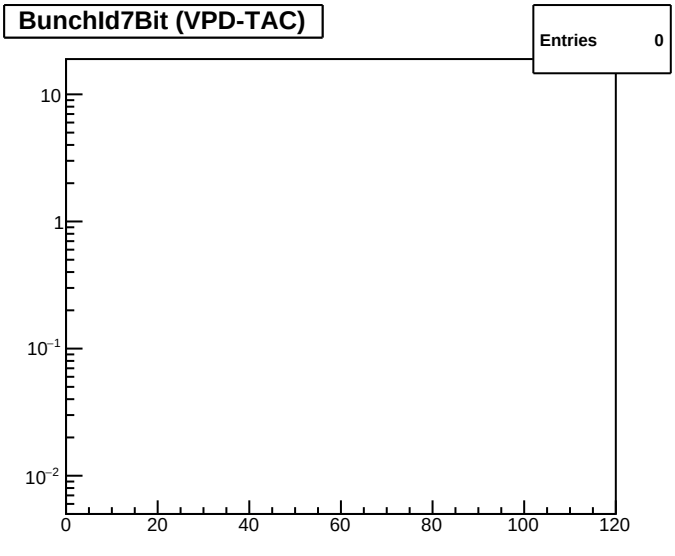


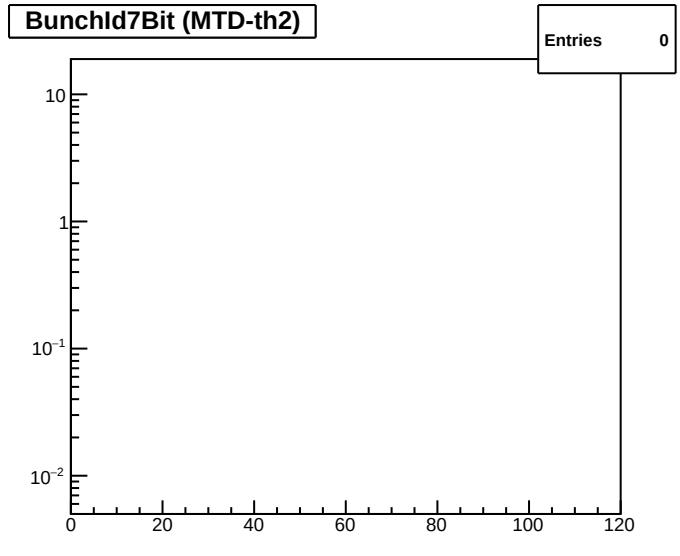

BunchId7Bit (BemcHiTwr-th1)
Entries 60
10
1
0
20
40
60
80
100
120

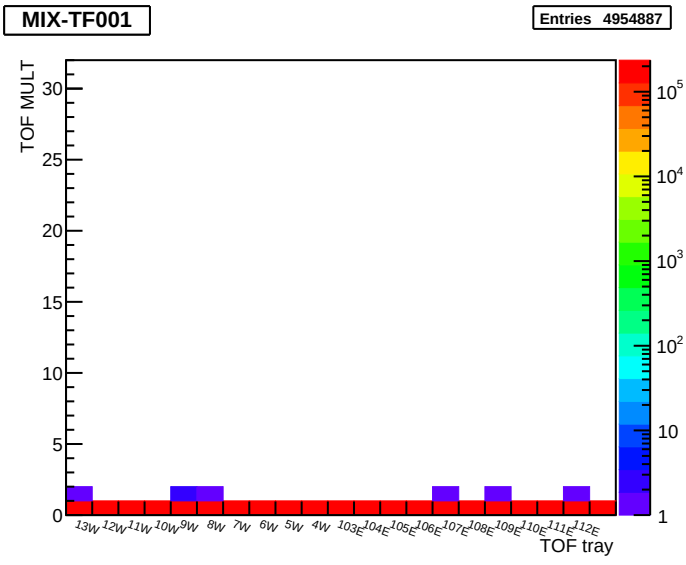

BunchId7Bit (HT UPCsingle)
Entries 1
1
10^{-1}
10^{-2}
10^{-3}
0
20
40
60
80
100
120

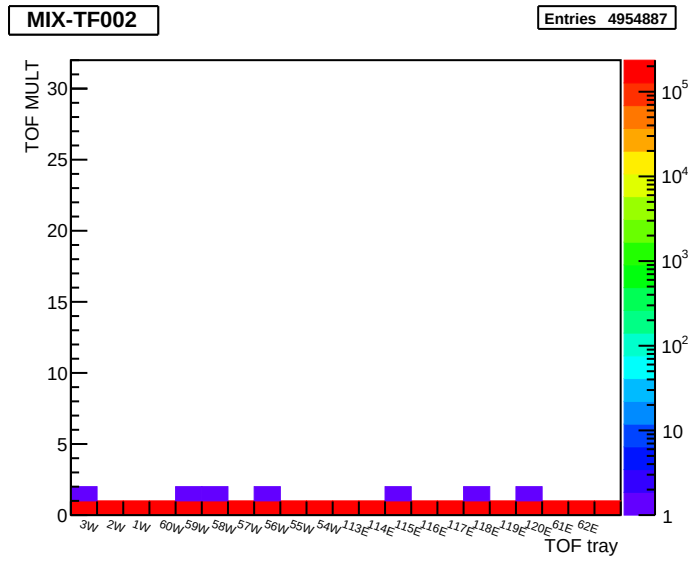

BunchId7Bit (HT.TP UPCsingle)
Entries 2
1
10^{-1}
10^{-2}
10^{-3}
0
20
40
60
80
100
120

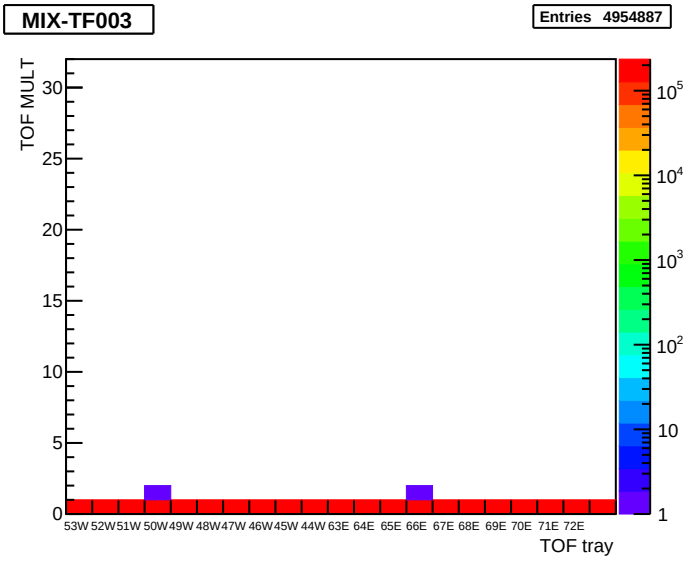

BunchId7Bit (TP UPCsingle)
Entries 21
1
0
20
40
60
80
100
120

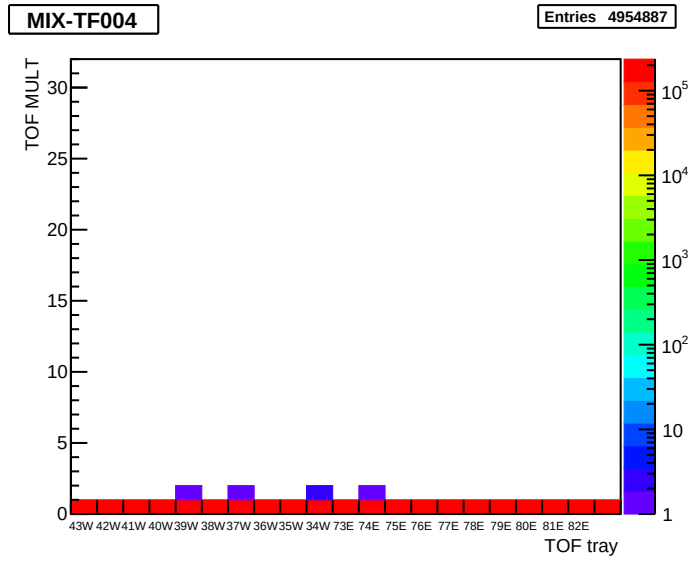

BunchId7Bit (VPD-TAC)
Entries 0
10
1
10^{-1}
10^{-2}
0
20
40
60
80
100
120

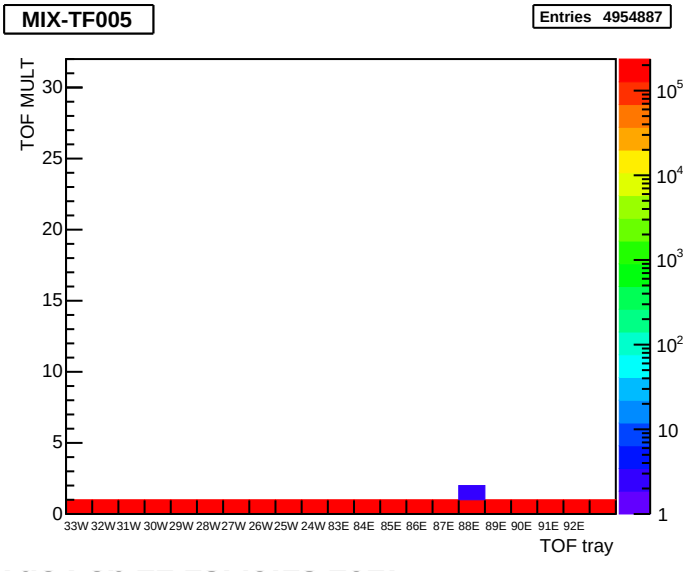

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0
20
40
60
80
100
120

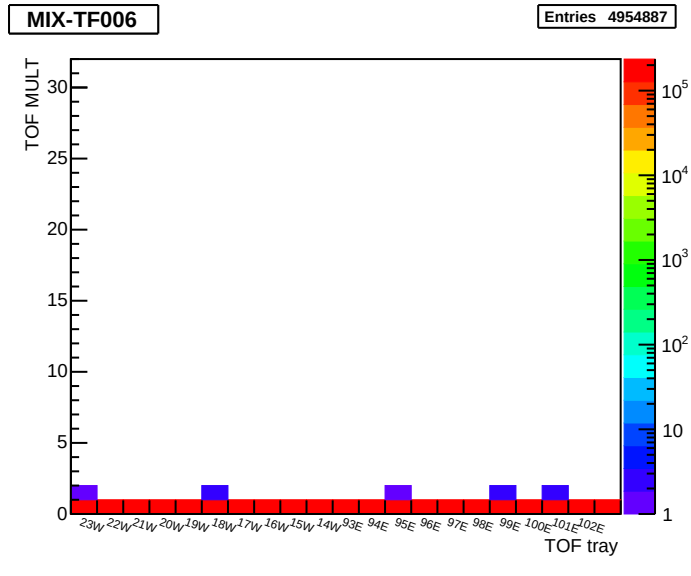

MIX-TF001
Entries 4954887
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

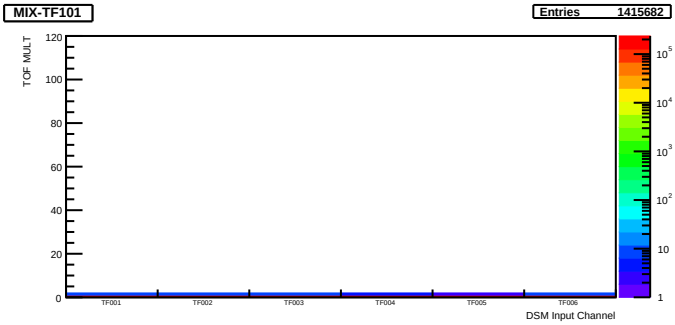

MIX-TF002
Entries 4954887
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

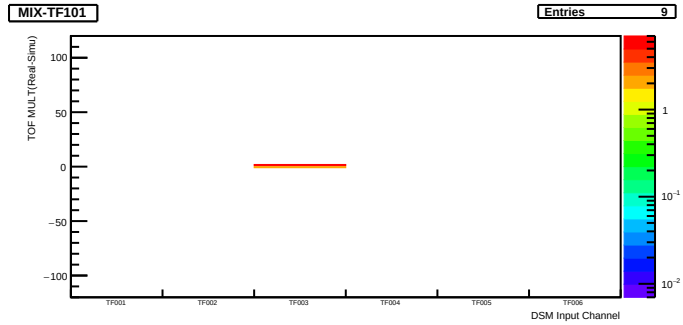

MIX-TF003
Entries 4954887
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

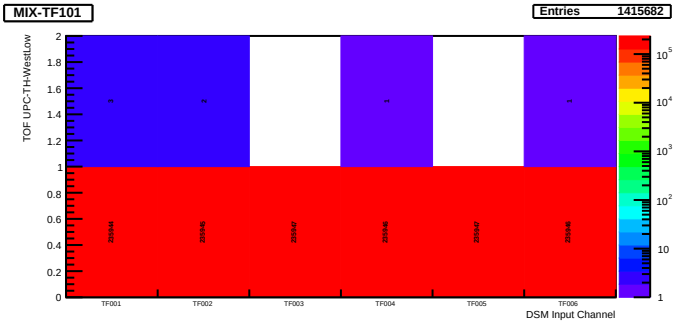

MIX-TF004
Entries 4954887
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

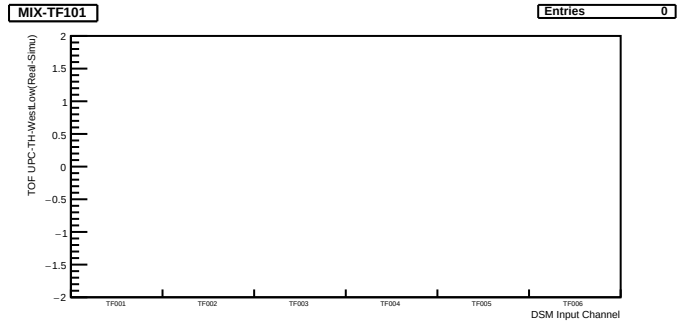

MIX-TF005
Entries 4954887
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

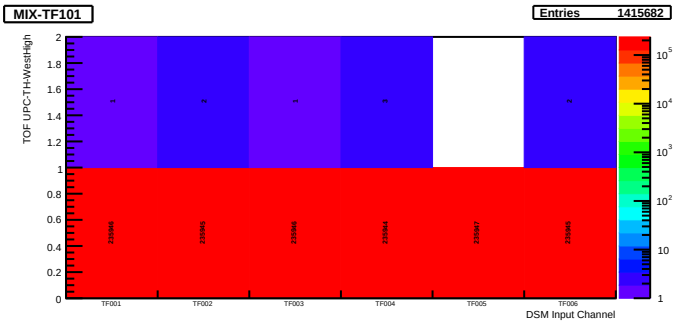

MIX-TF006
Entries 4954887
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

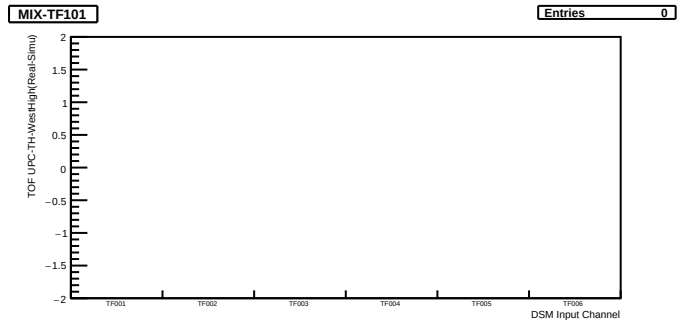

MIX-TF101
Entries 1415682
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

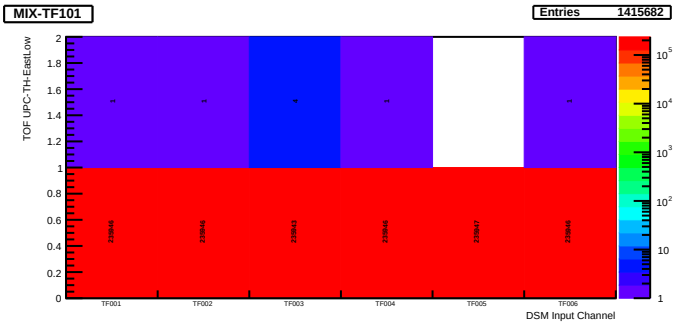

MIX-TF101
Entries 9
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

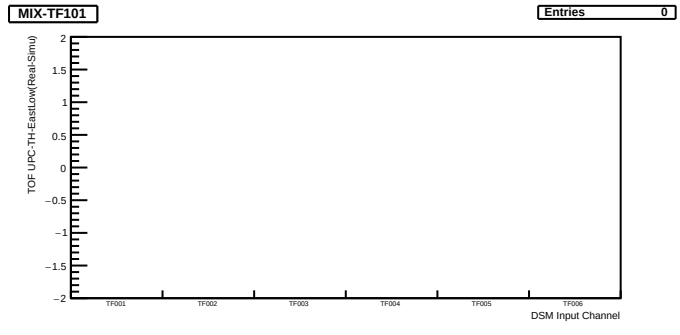

MIX-TF101
Entries 1415682
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

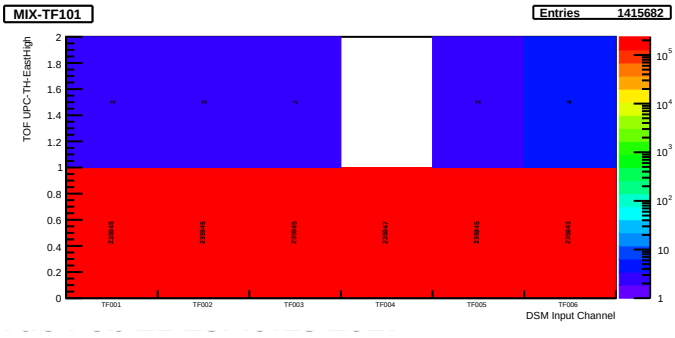

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

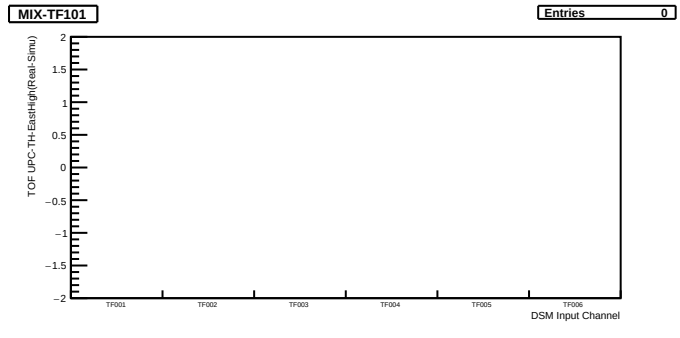

MIX-TF101
Entries 1415682
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

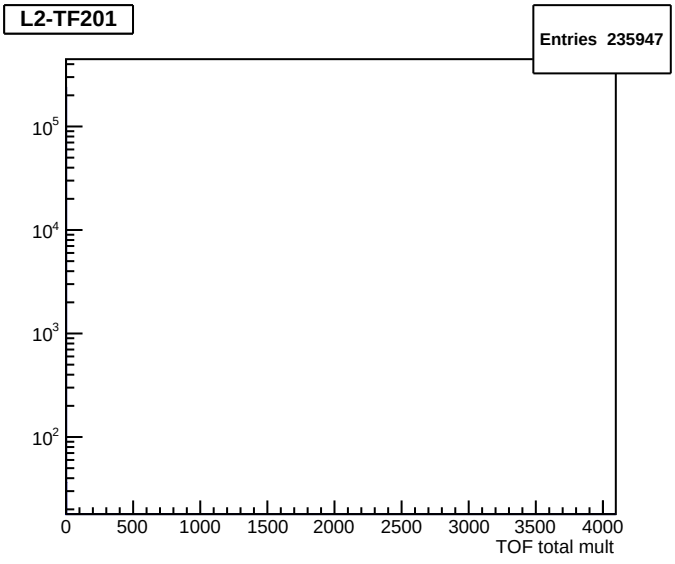

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

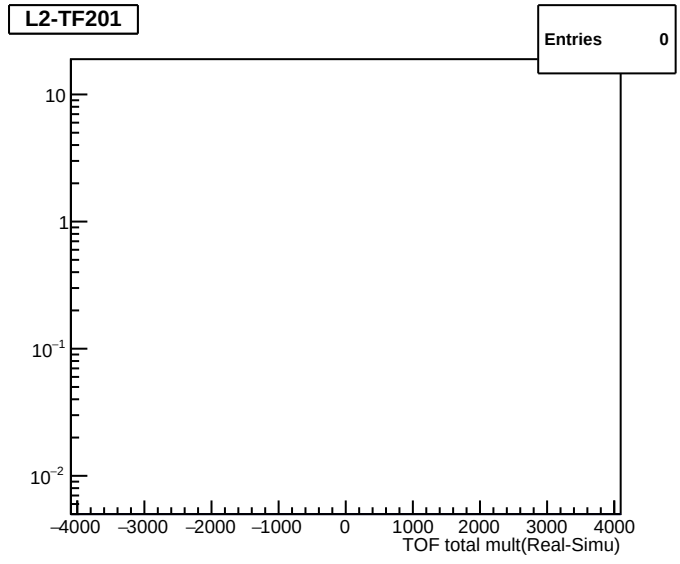

MIX-TF101
Entries 1415682
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

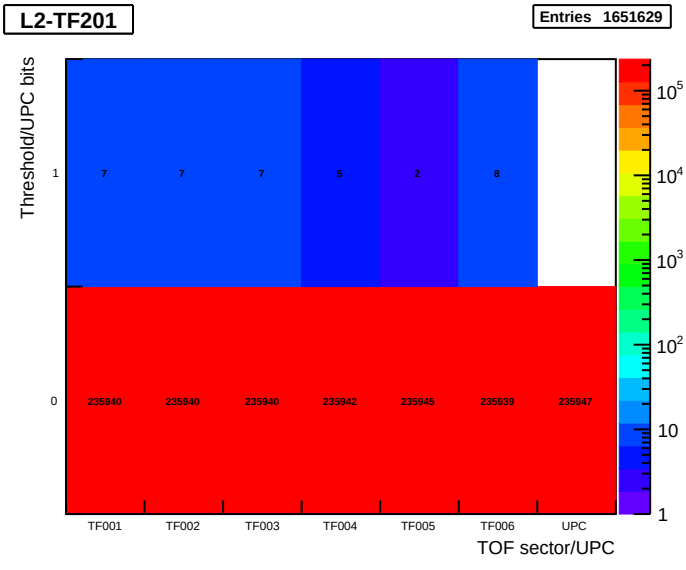

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

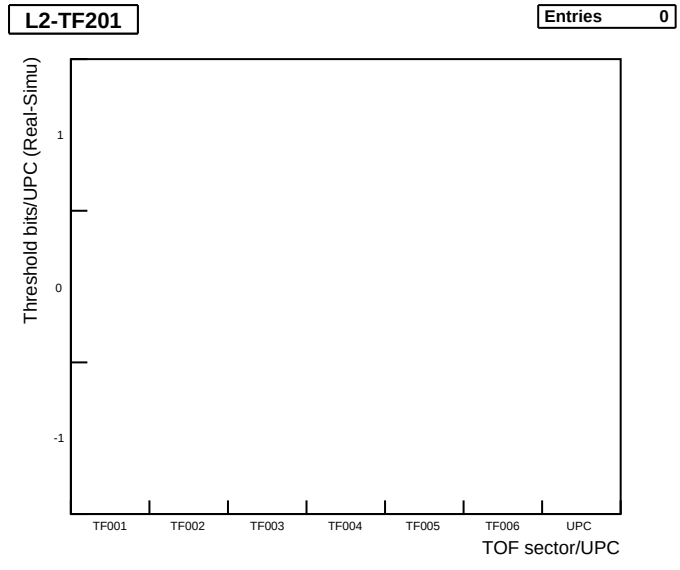

MIX-TF101
Entries 1415682
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

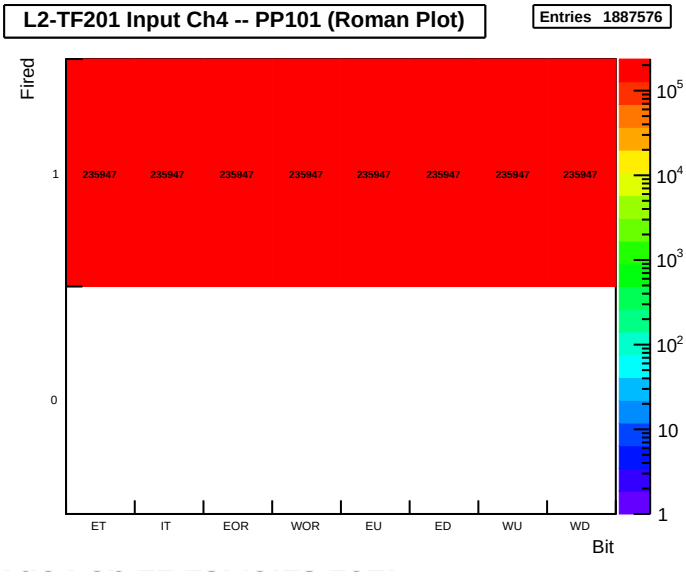

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

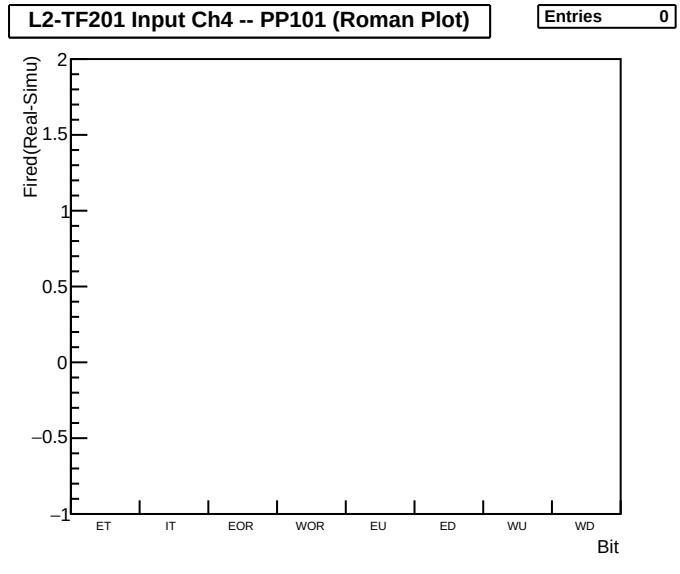

L2-TF201
Entries 235947
TOF total mult

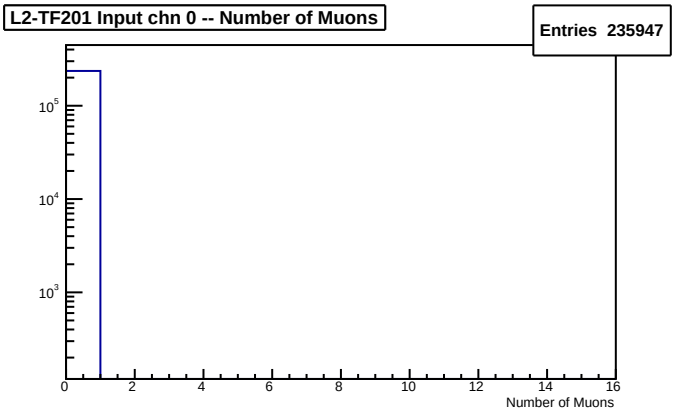

L2-TF201
Entries 0
TOF total mult(Real-Simu)

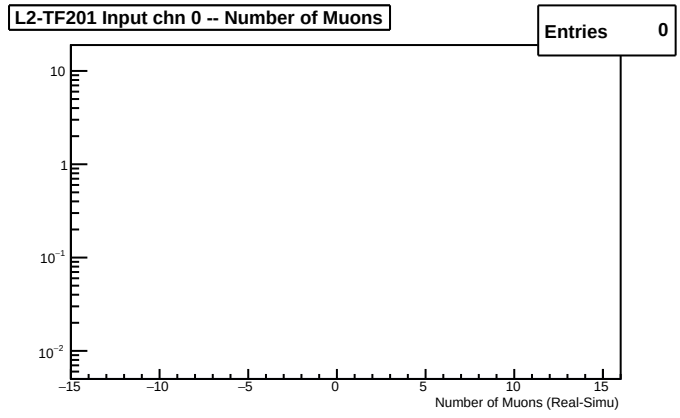

L2-TF201
Entries 1651629
Threshold/UPC bits
7 7 7 5 2 8
235940 235940 235940 235942 235945 235939 235947
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

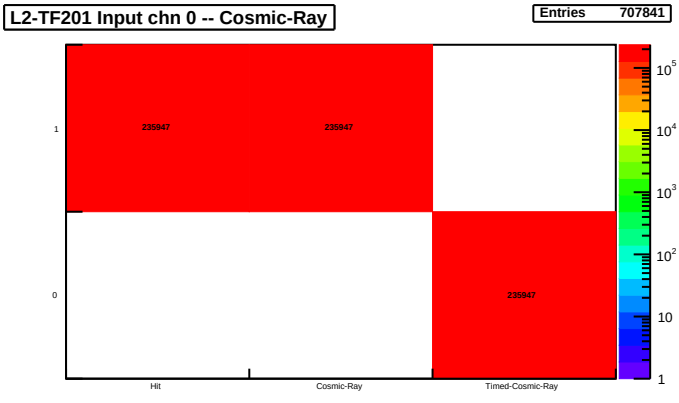

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

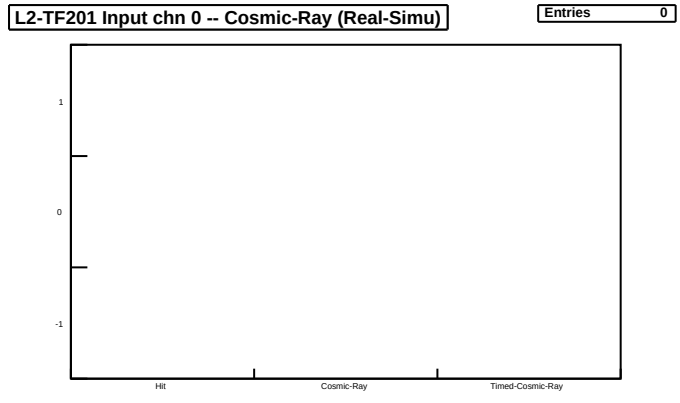

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1887576
Fired
235947 235947 235947 235947 235947 235947 235947 235947
ET IT EOR WOR EU ED WU WD
Bit

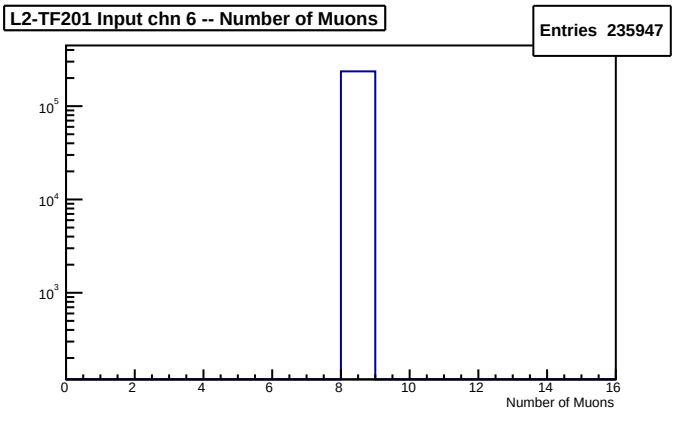

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

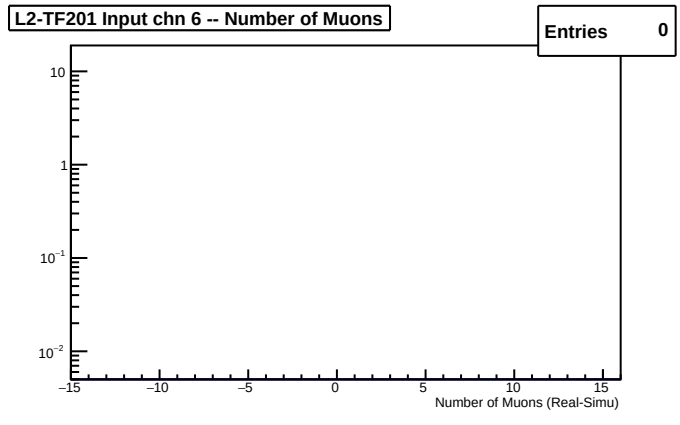

L2-TF201 Input chn 0 -- Number of Muons
Entries 235947
Number of Muons

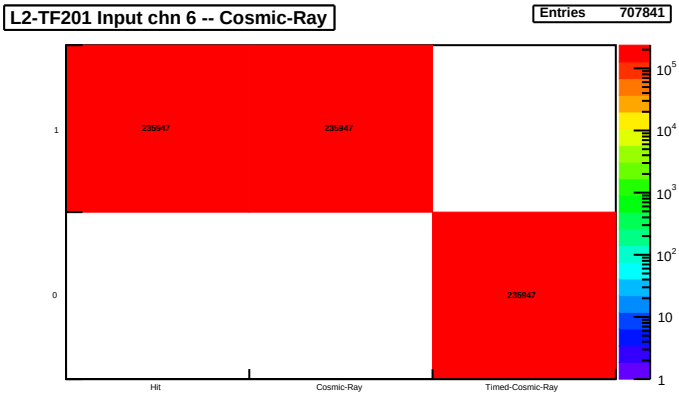

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

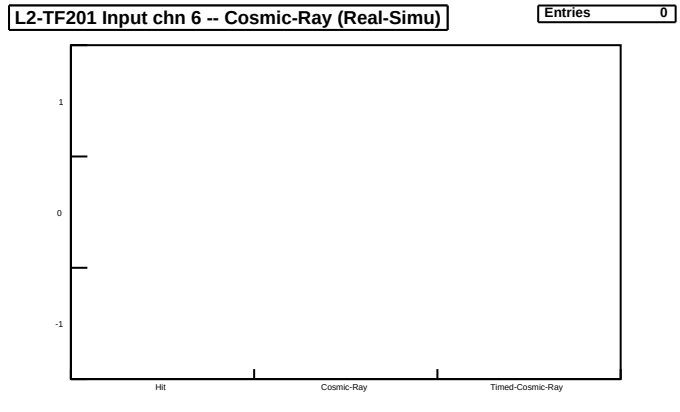

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 707841
235947
235947
235947
Hit
Cosmic-Ray
Timed-Cosmic-Ray

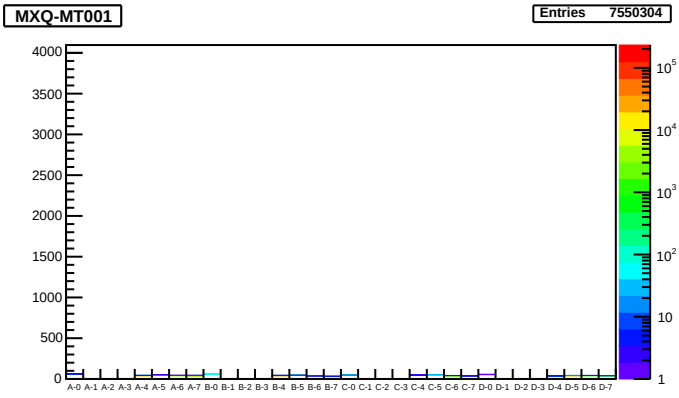

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

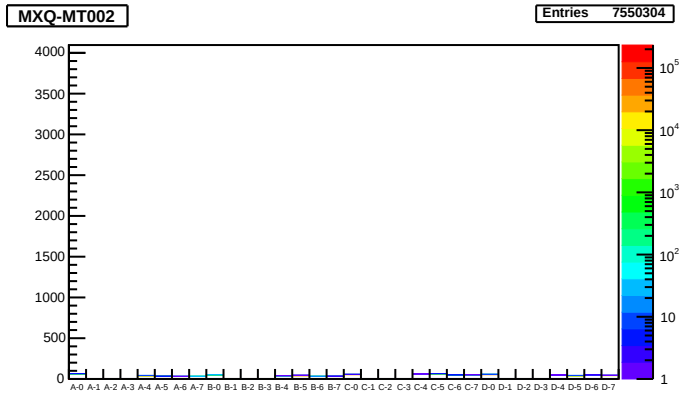

L2-TF201 Input chn 6 -- Number of Muons
Entries 235947
Number of Muons

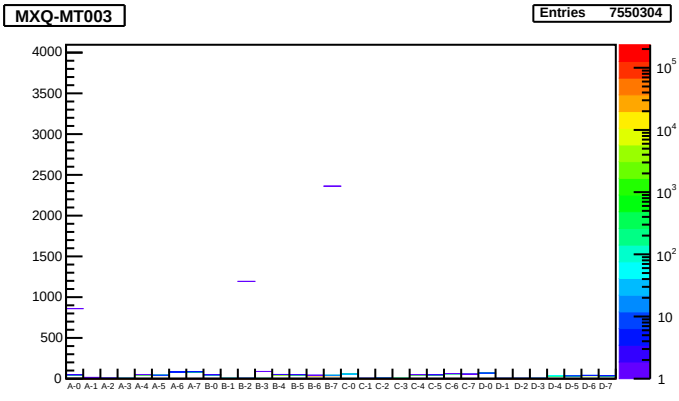

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

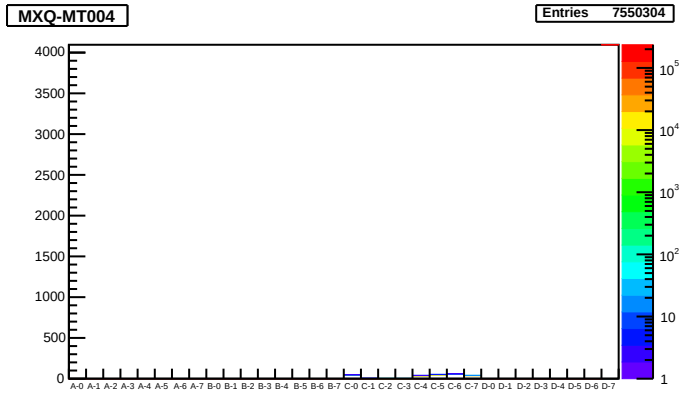

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 707841
235947
235947
235947
Hit
Cosmic-Ray
Timed-Cosmic-Ray

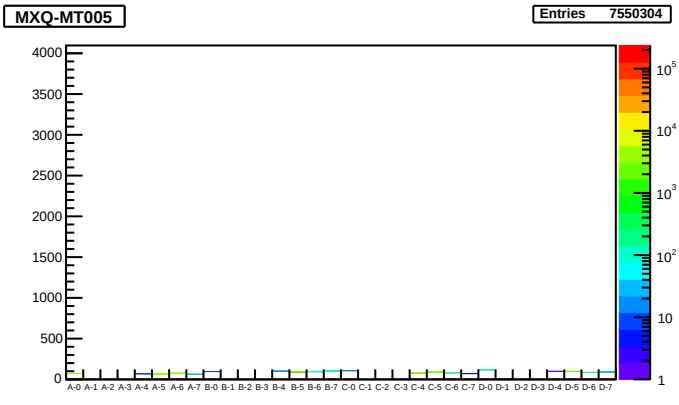

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

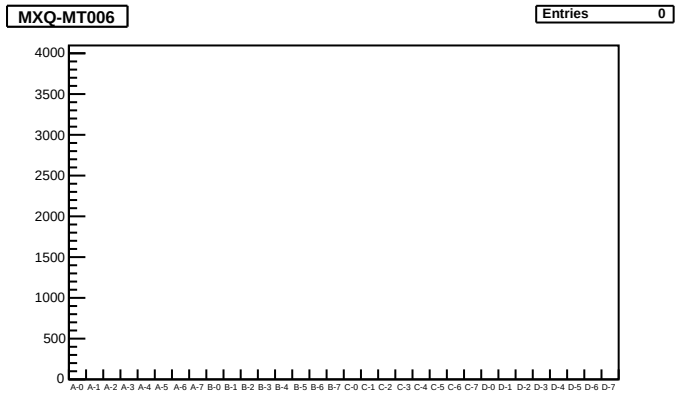

MXQ-MT001
Entries 7550304

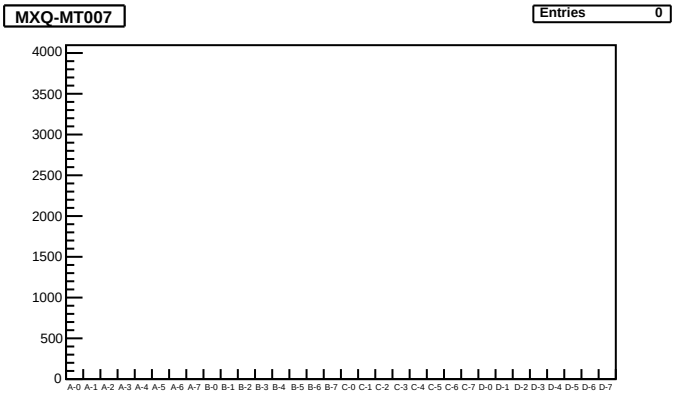

MXQ-MT002
Entries 7550304

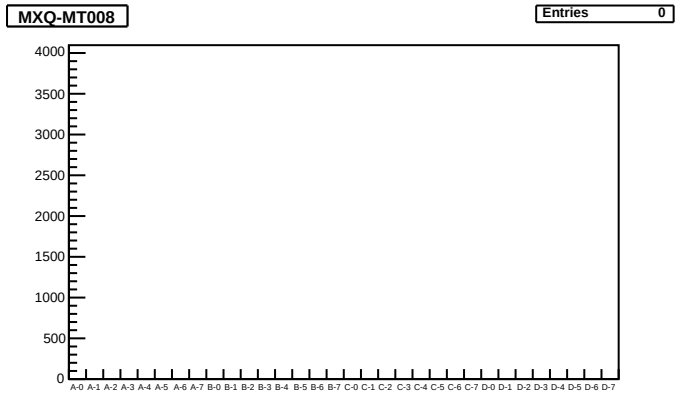

MXQ-MT003
Entries 7550304

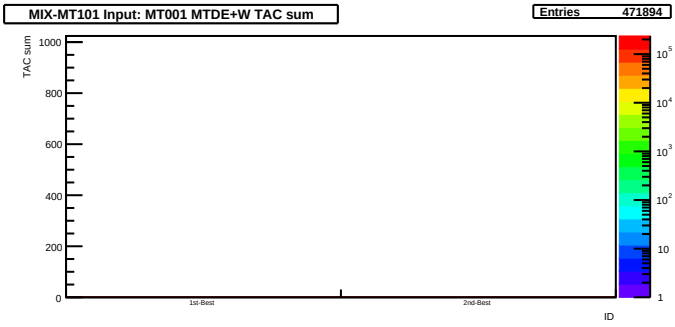

MXQ-MT004
Entries 7550304

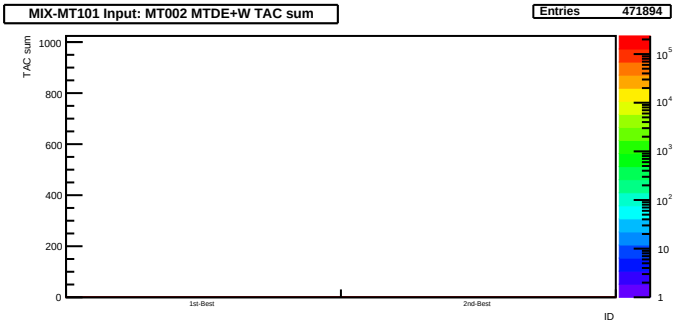

MXQ-MT005
Entries 7550304

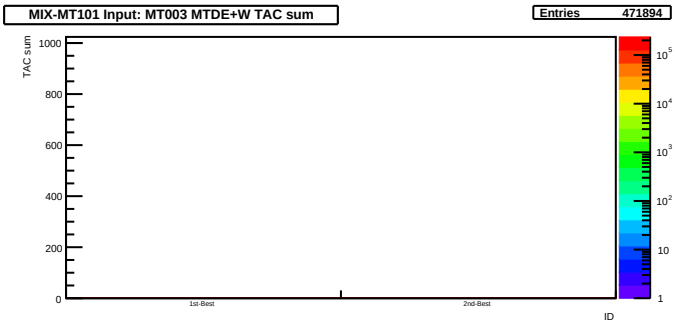

MXQ-MT006
Entries 0

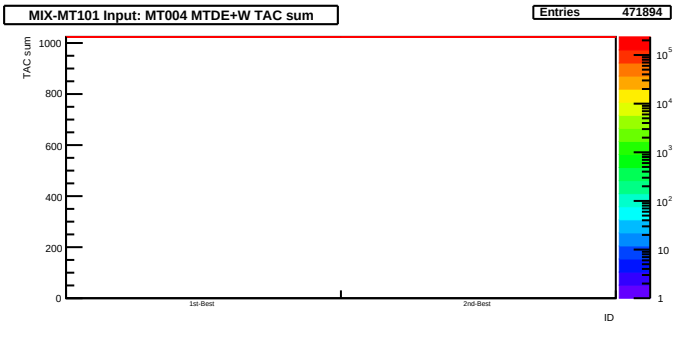

MXQ-MT007
Entries 0

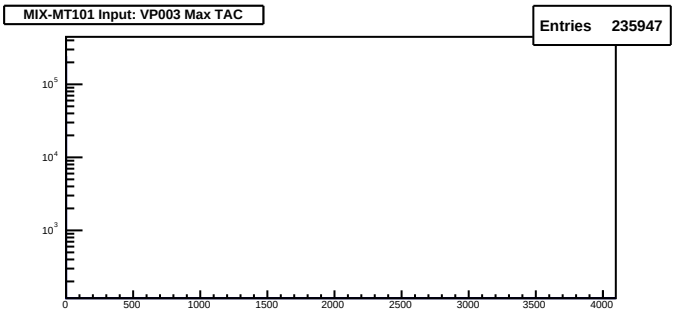

MXQ-MT008
Entries 0

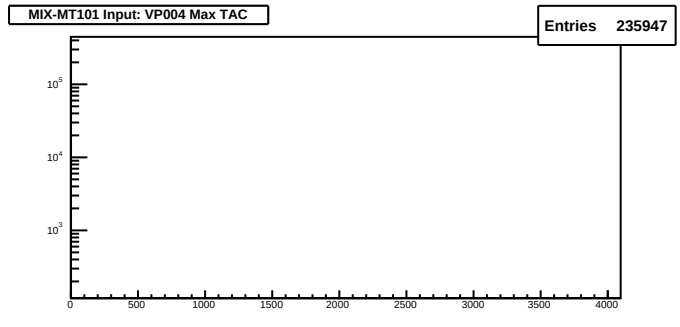

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 471894
TAC sum
1st-Best
2nd-Best
ID

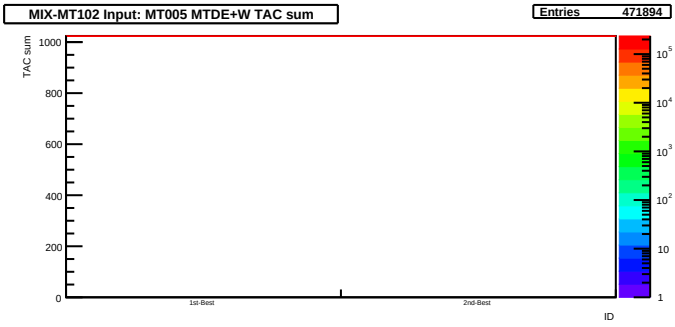

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 471894
TAC sum
1st-Best
2nd-Best
ID

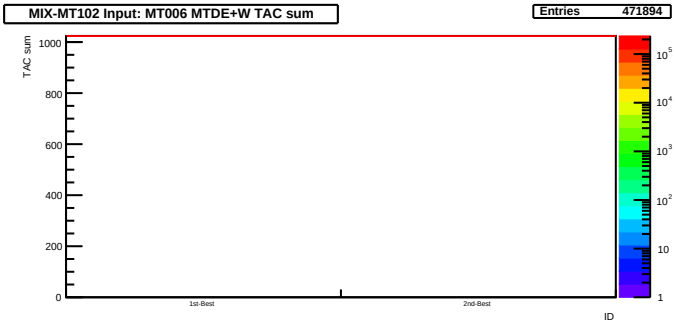

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 471894
TAC sum
1st-Best
2nd-Best
ID

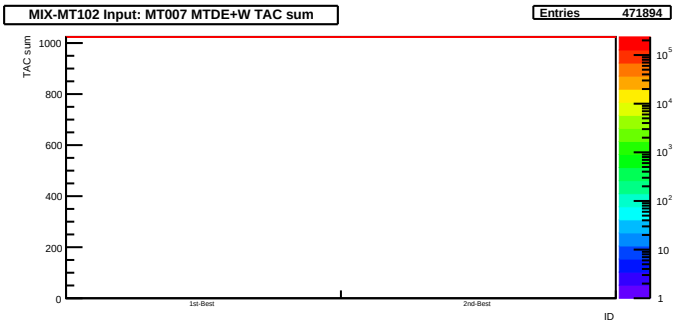

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 471894
TAC sum
1st-Best
2nd-Best
ID

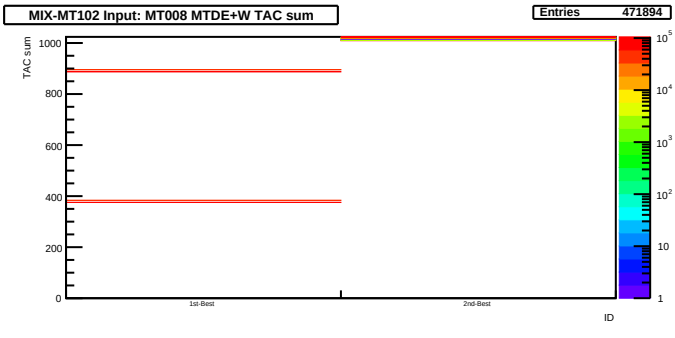

MIX-MT101 Input: VP003 Max TAC
Entries 235947

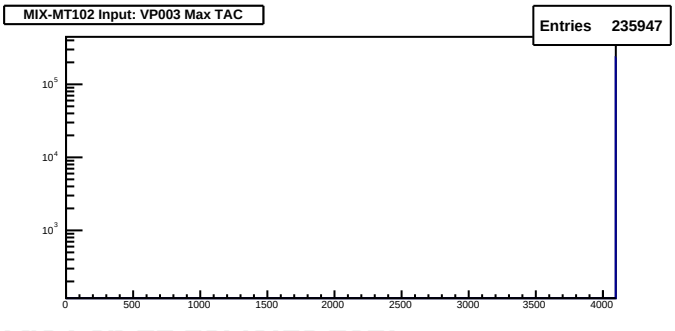

MIX-MT101 Input: VP004 Max TAC
Entries 235947

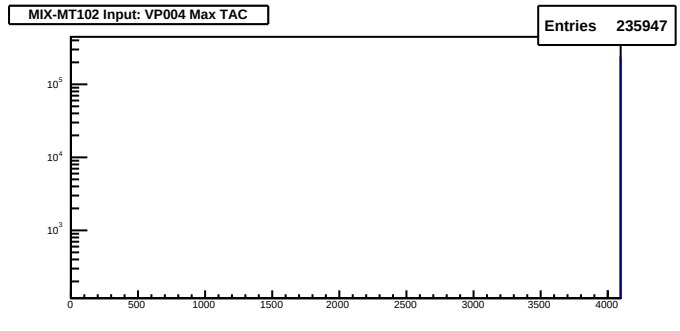

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 471894
TAC sum
1st-Best
2nd-Best
ID

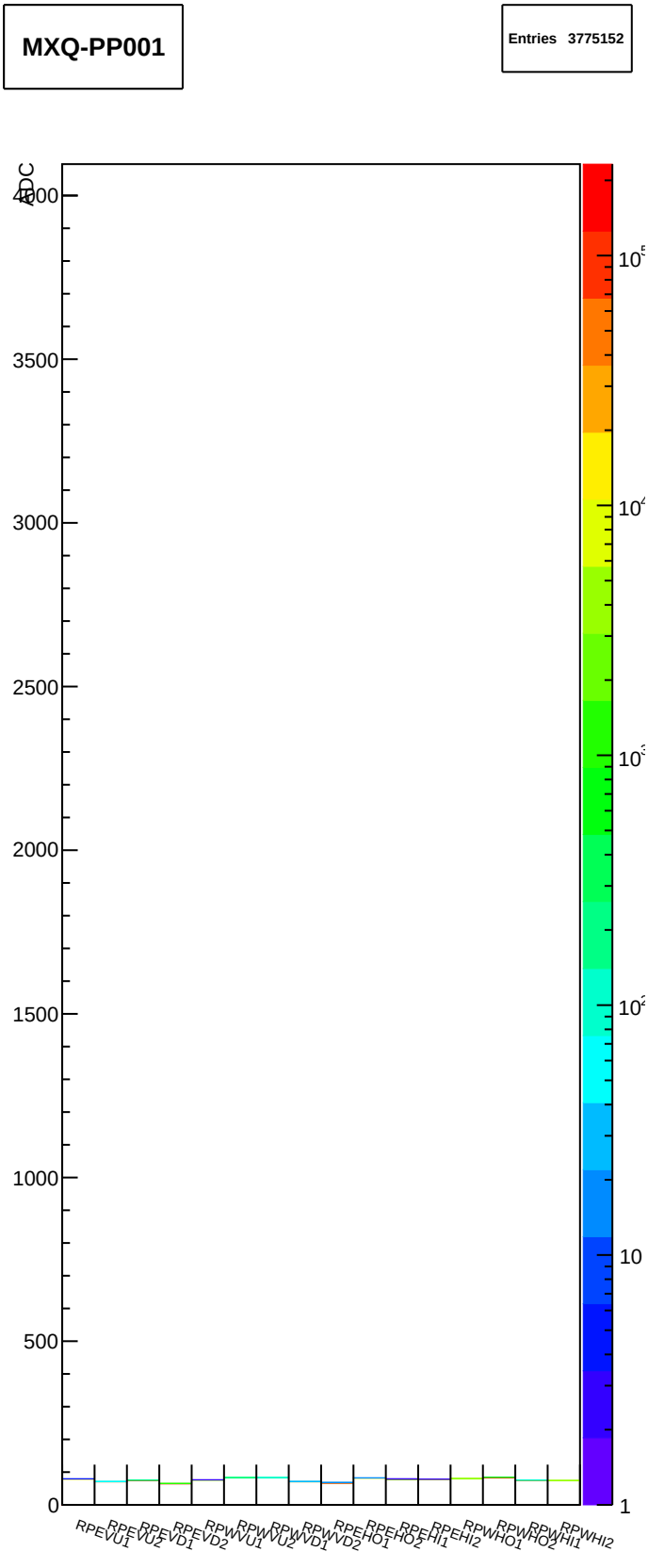

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 471894
TAC sum
1st-Best
2nd-Best
ID

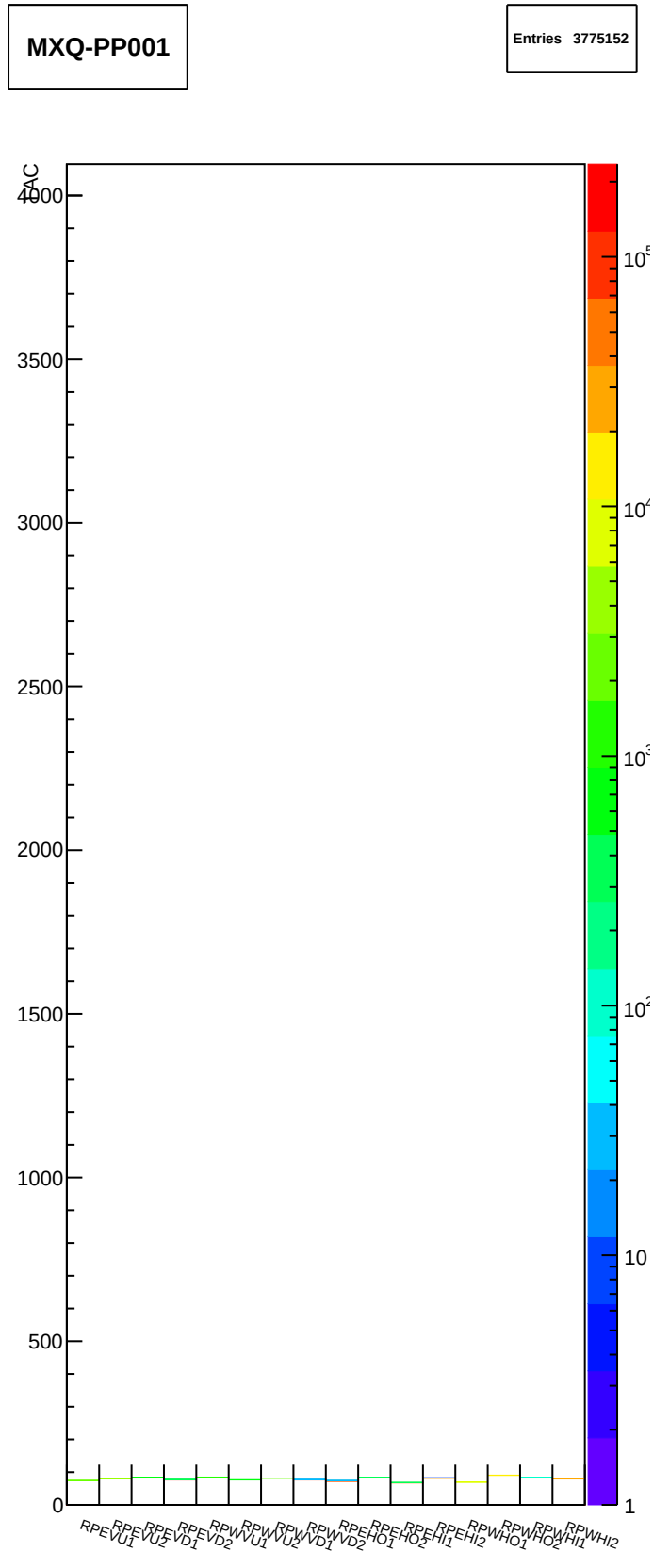

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 471894
TAC sum
1st-Best
2nd-Best
ID

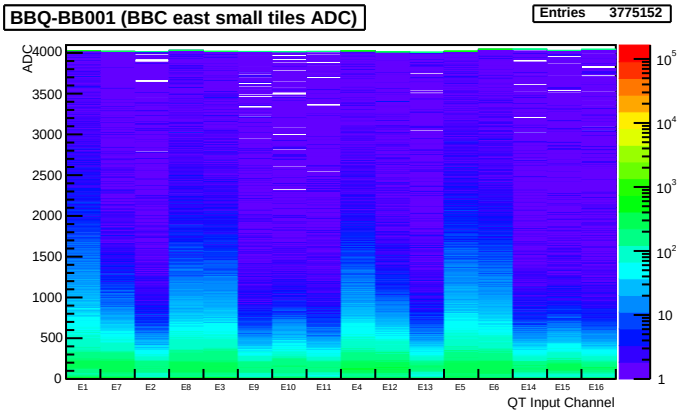

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 471894
TAC sum
1st-Best
2nd-Best
ID

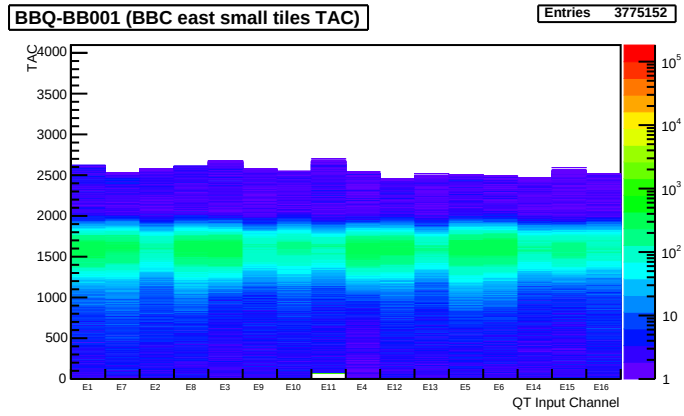

MIX-MT102 Input: VP003 Max TAC
Entries 235947

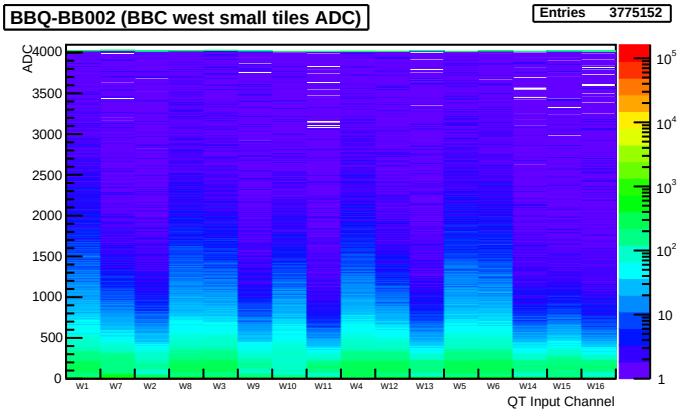

MIX-MT102 Input: VP004 Max TAC
Entries 235947

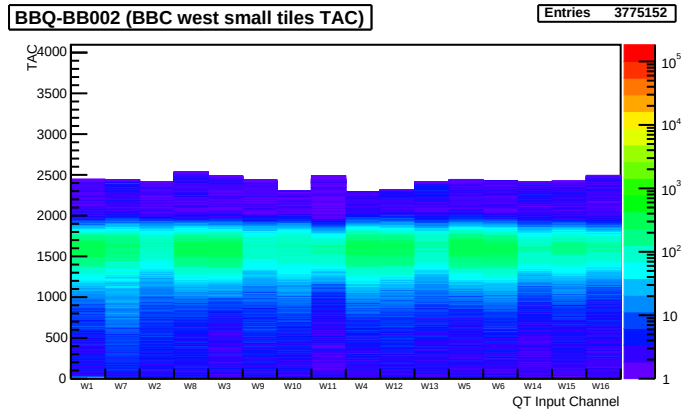

MXQ-PP001
Entries 3775152
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

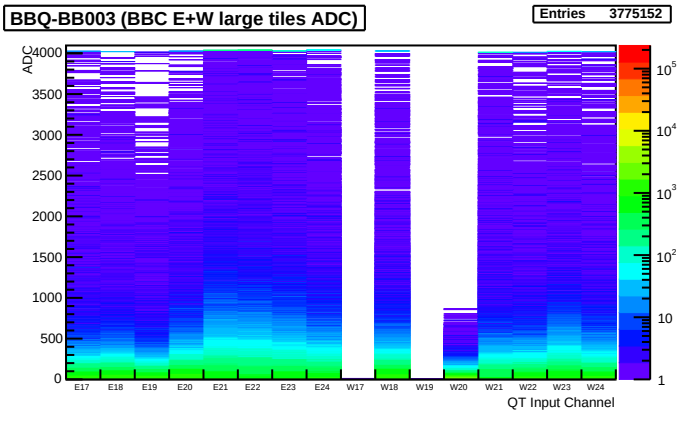

MXQ-PP001
Entries 3775152
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

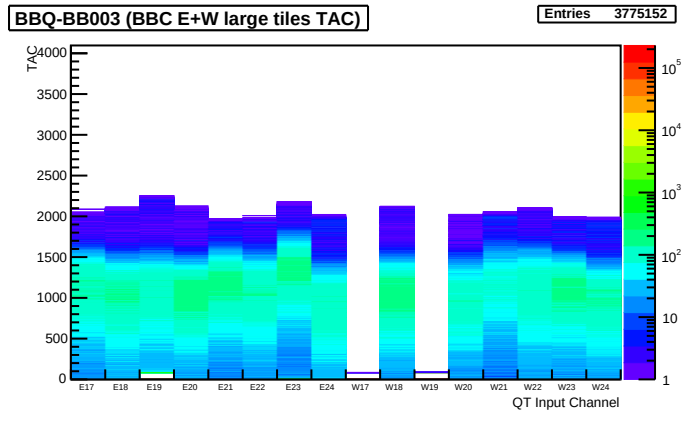

BBQ-BB001 (BBC east small tiles ADC)
Entries 3775152
ADC
QT Input Channel

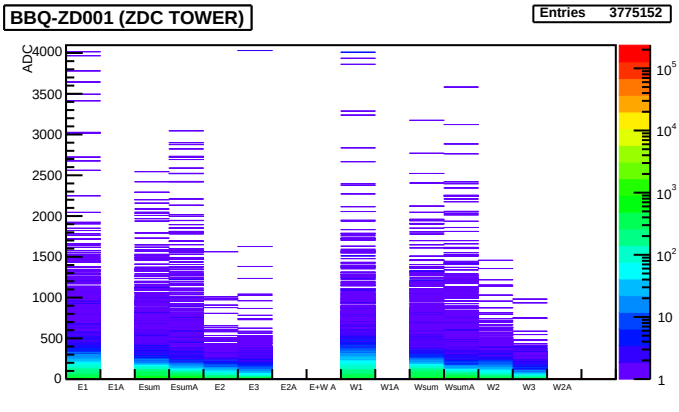

BBQ-BB001 (BBC east small tiles TAC)
Entries 3775152
TAC
QT Input Channel

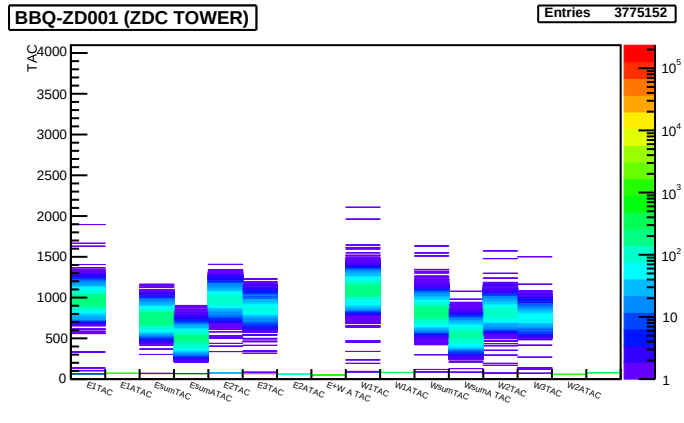

BBQ-BB002 (BBC west small tiles ADC)
Entries 3775152
ADC
QT Input Channel

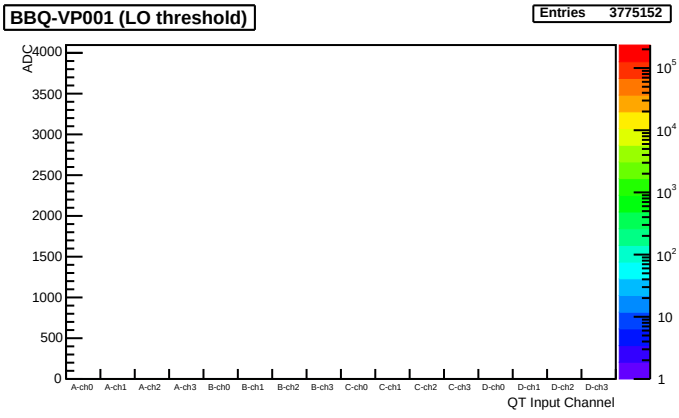

BBQ-BB002 (BBC west small tiles TAC)
Entries 3775152
TAC
QT Input Channel

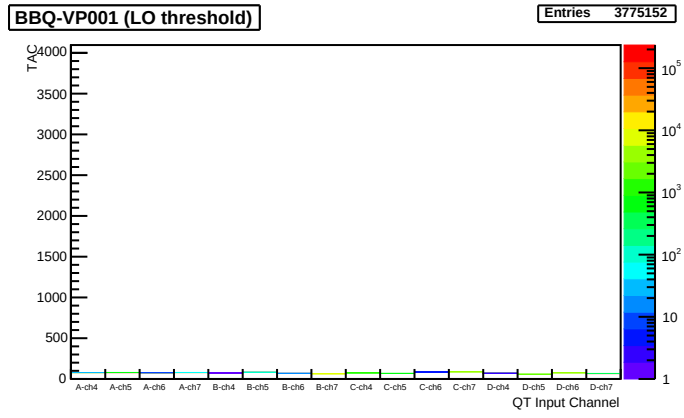

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3775152
ADC
QT Input Channel

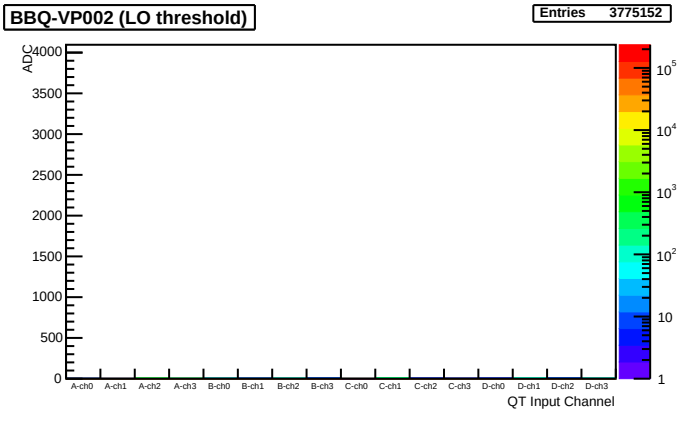

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3775152
TAC
QT Input Channel

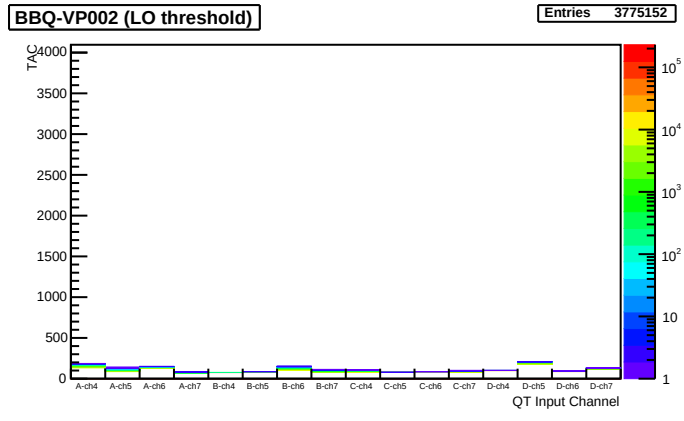

BBQ-ZD001 (ZDC TOWER)
Entries 3775152
ADC

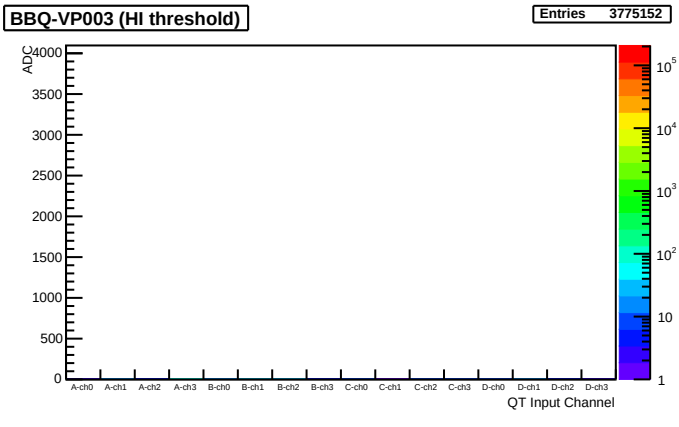

BBQ-ZD001 (ZDC TOWER)
Entries 3775152
TAC

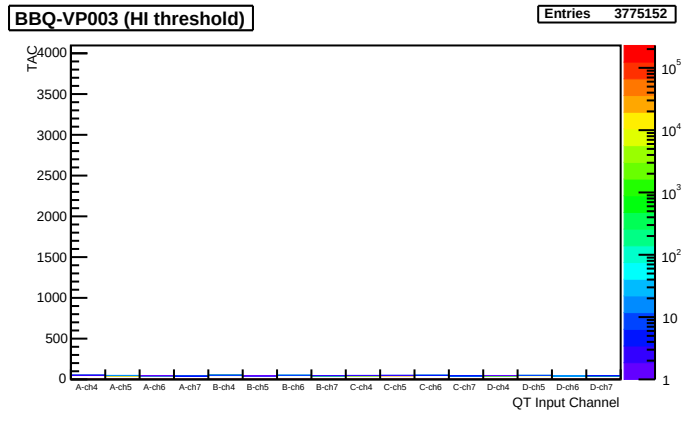

BBQ-VP001 (LO threshold)
Entries 3775152
ADC
QT Input Channel

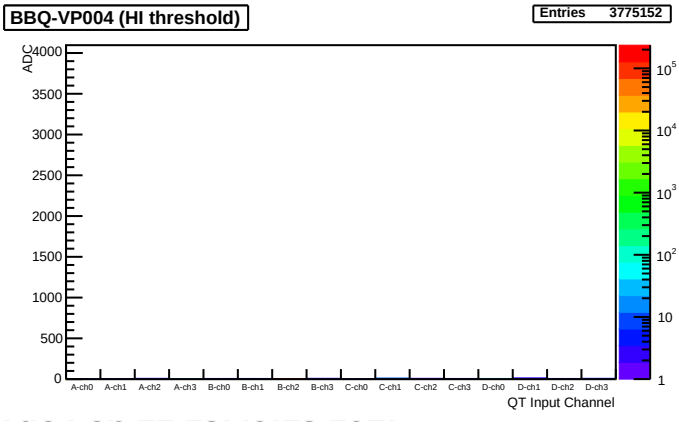

BBQ-VP001 (LO threshold)
Entries 3775152
TAC
QT Input Channel

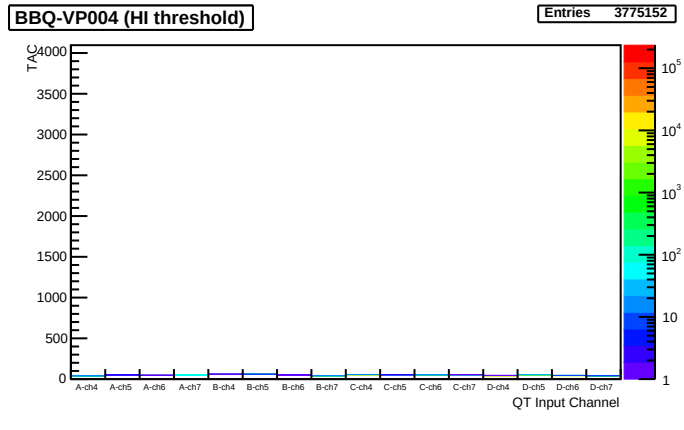

BBQ-VP002 (LO threshold)
Entries 3775152
ADC
QT Input Channel

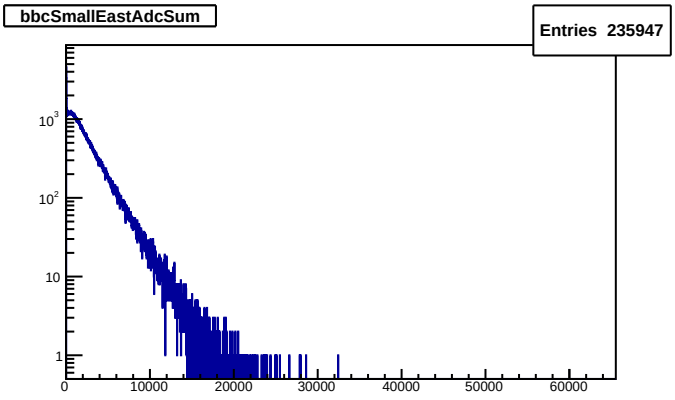

BBQ-VP002 (LO threshold)
Entries 3775152
TAC
QT Input Channel

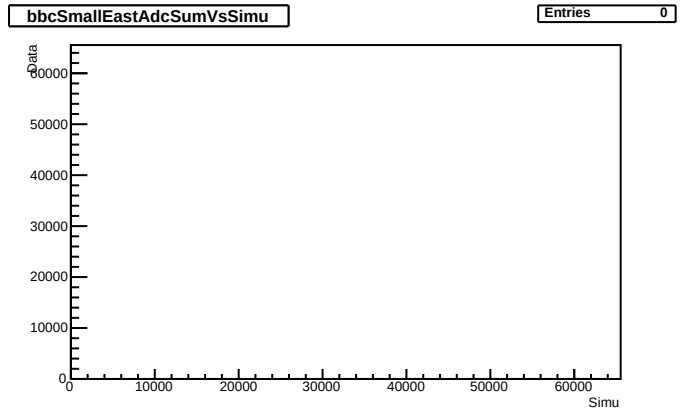

BBQ-VP003 (HI threshold)
Entries 3775152
ADC
QT Input Channel

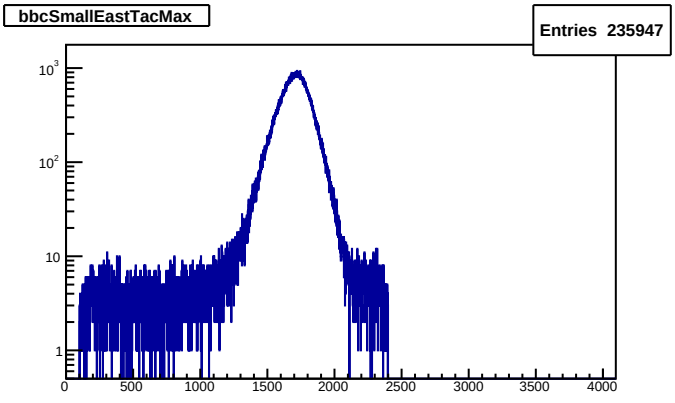

BBQ-VP003 (HI threshold)
Entries 3775152
TAC
QT Input Channel

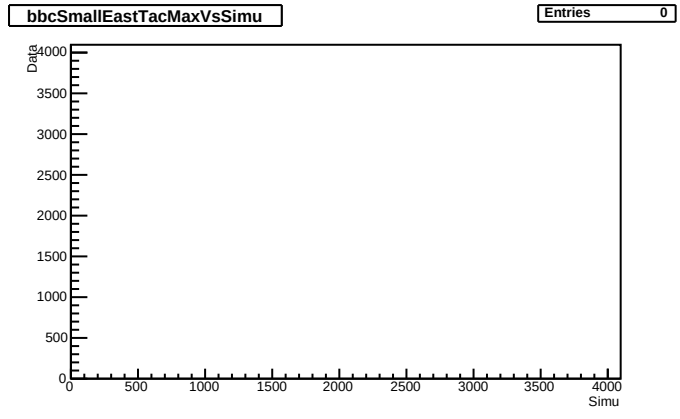

BBQ-VP004 (HI threshold)
Entries 3775152
ADC
QT Input Channel

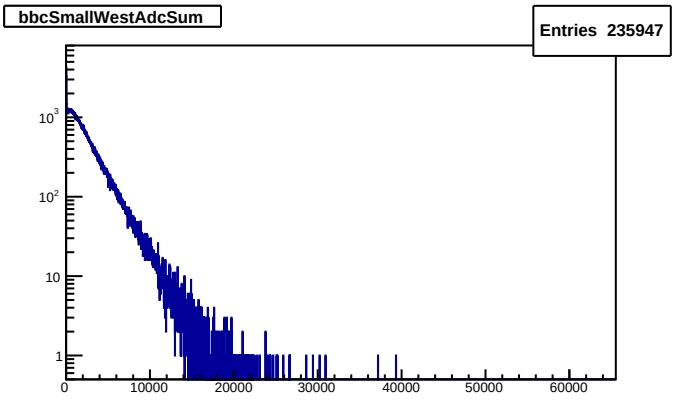

BBQ-VP004 (HI threshold)
Entries 3775152
TAC
QT Input Channel

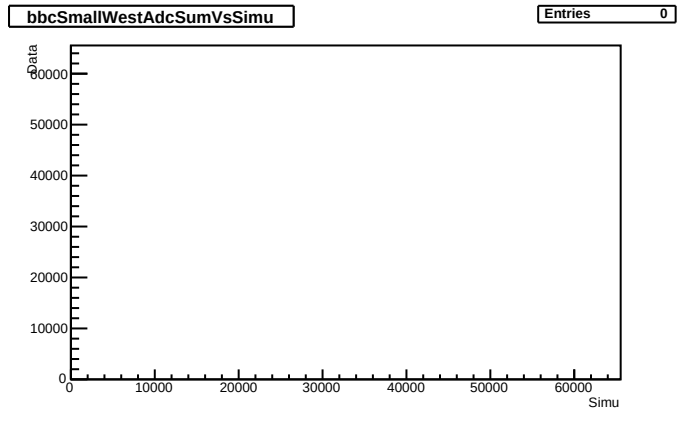

bbcSmallEastAdcSum
Entries 235947

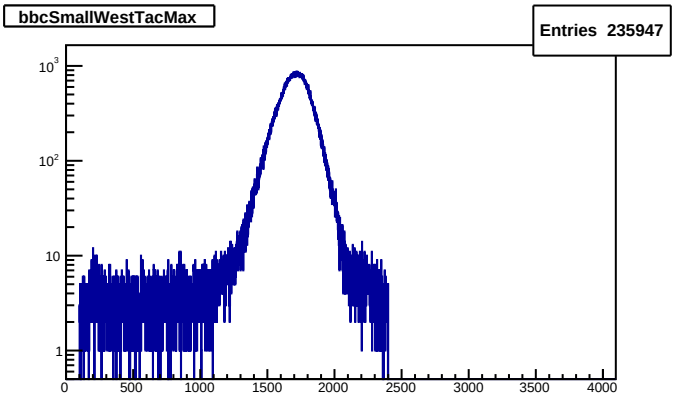

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

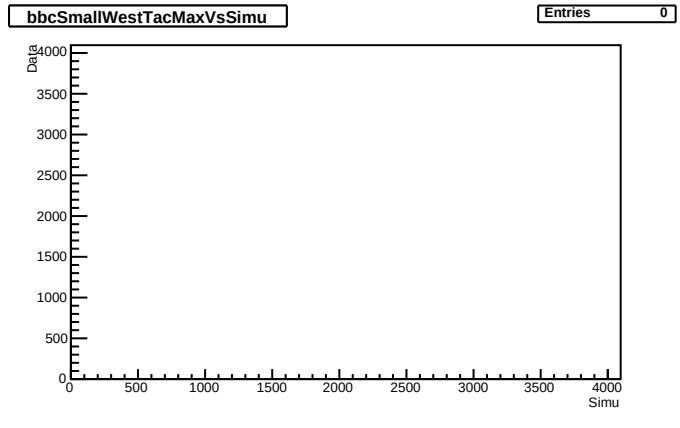

bbcSmallEastTacMax
Entries 235947

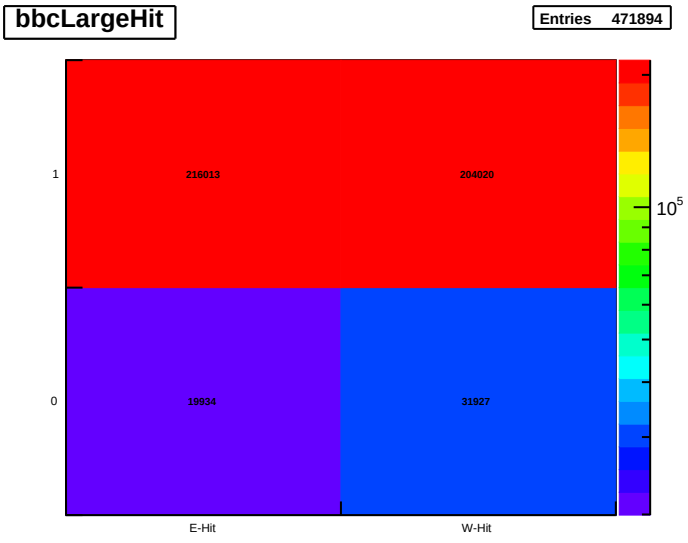

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

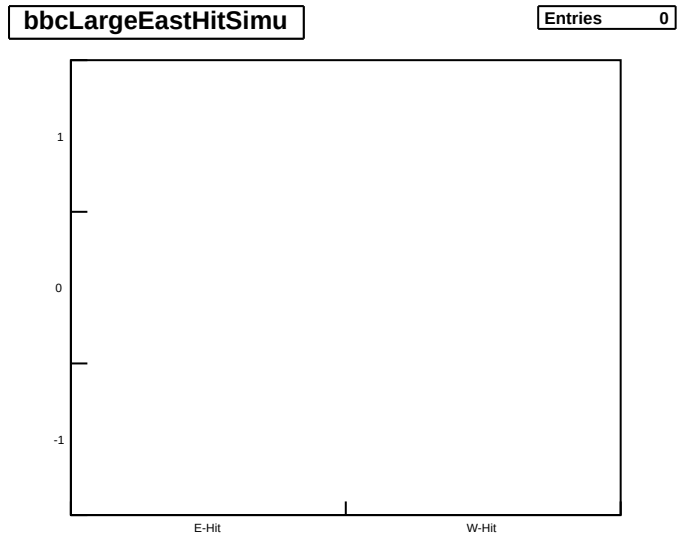

bbcSmallWestAdcSum
Entries 235947

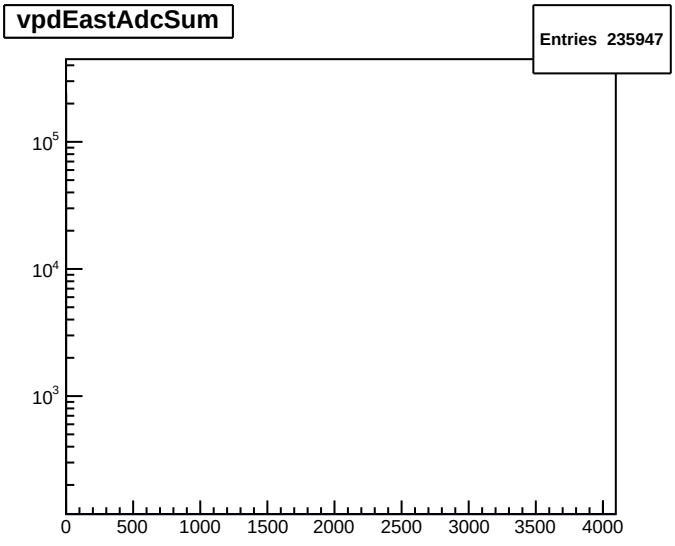

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

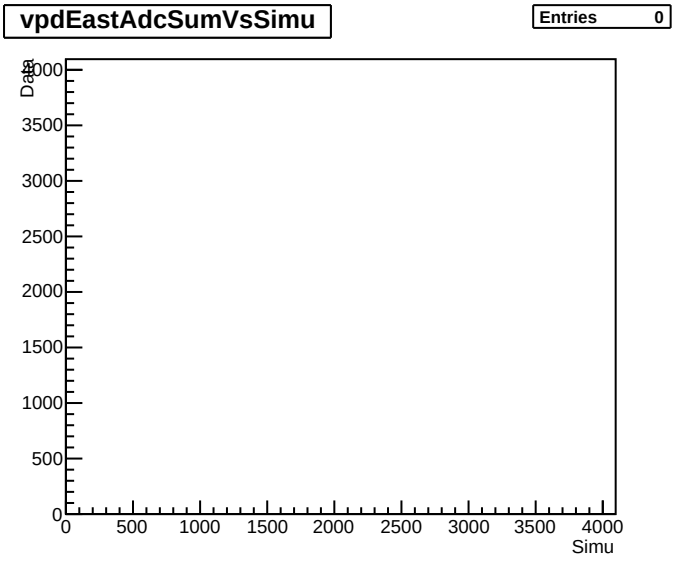

bbcSmallWestTacMax
Entries 235947

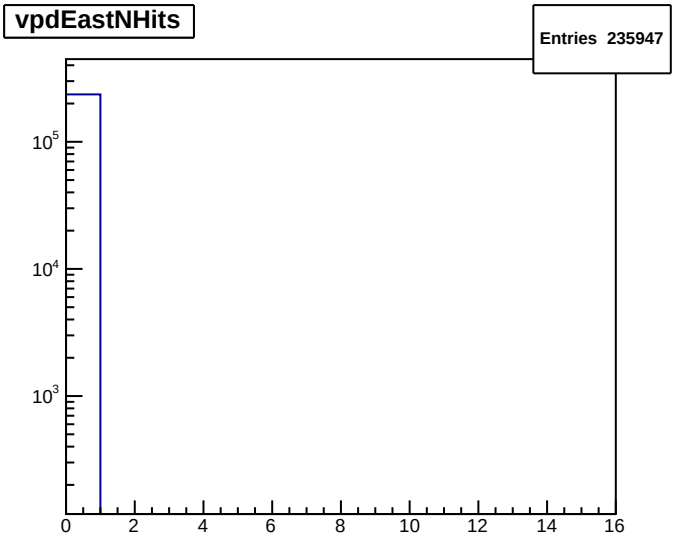

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

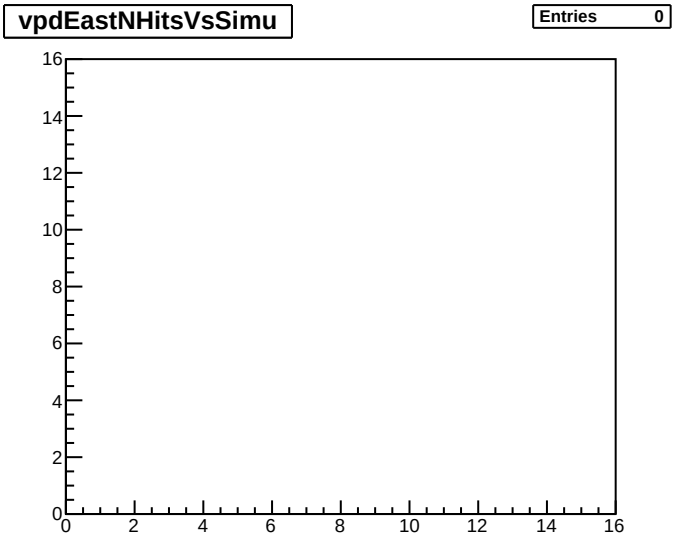

bbcLargeHit
Entries 471894
1
0
216013
204020
19934
31927
E-Hit
W-Hit
10^5

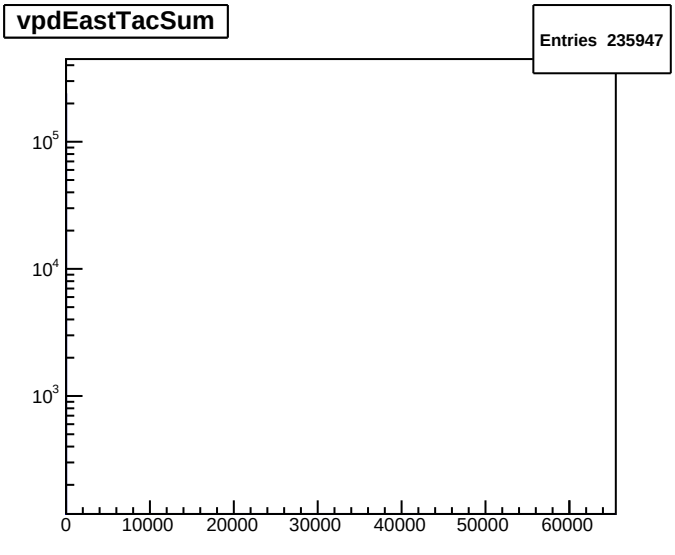

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

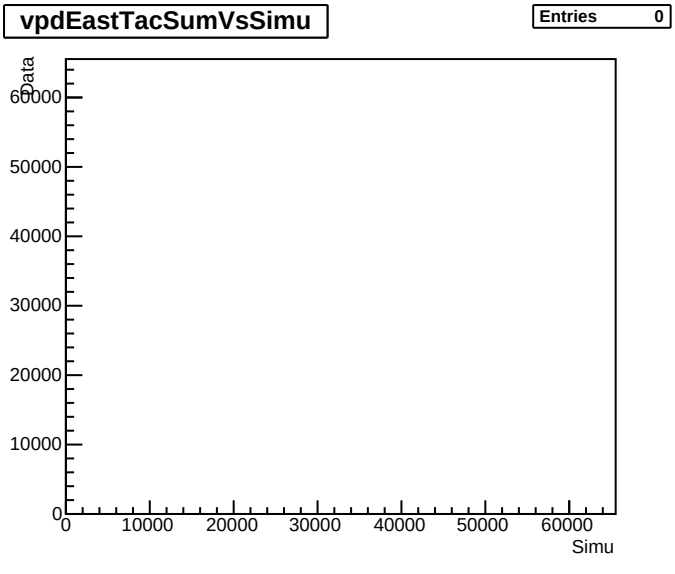

vpdEastAdcSum
Entries 235947
10^5
10^4
10^3
0 500 1000 1500 2000 2500 3000 3500 4000

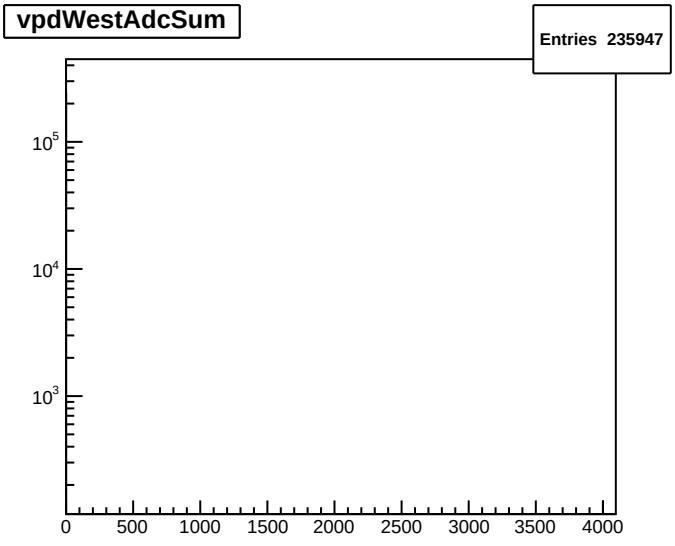

vpdEastAdcSumVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

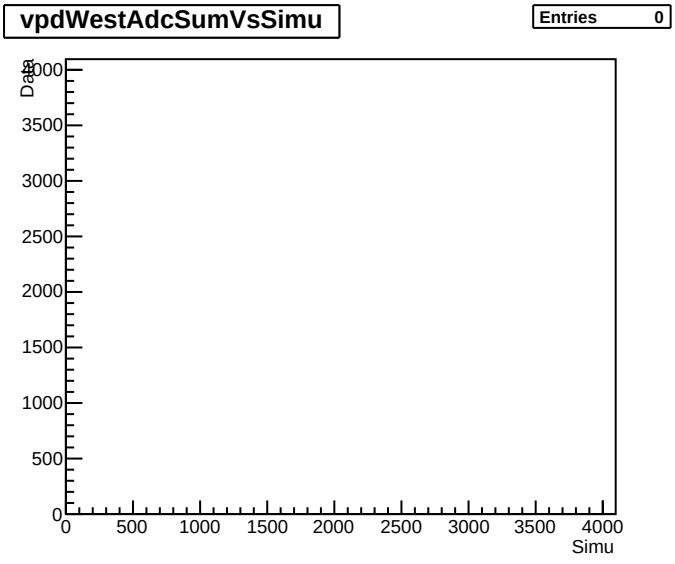

vpdEastNHits
Entries 235947
10^5
10^4
10^3
0 2 4 6 8 10 12 14 16

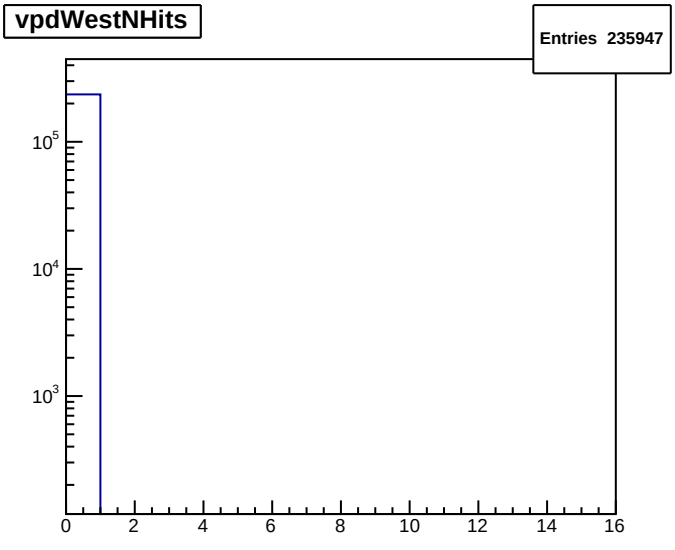

vpdEastNHitsVsSimu
Entries 0
16
14
12
10
8
6
4
2
0
0 2 4 6 8 10 12 14 16

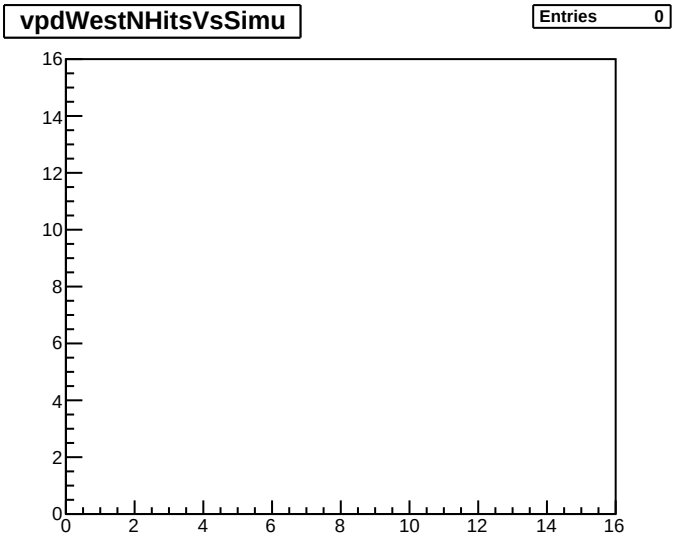

vpdEastTacSum
Entries 235947
10^5
10^4
10^3
0 10000 20000 30000 40000 50000 60000

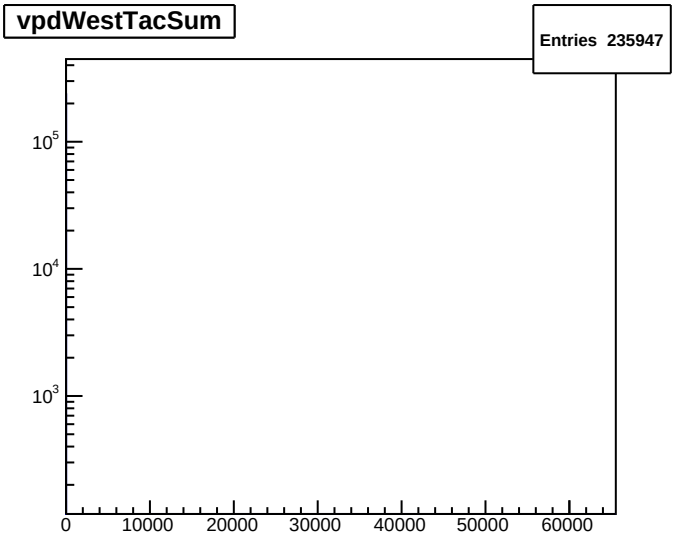

vpdEastTacSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0 10000 20000 30000 40000 50000 60000
Simu

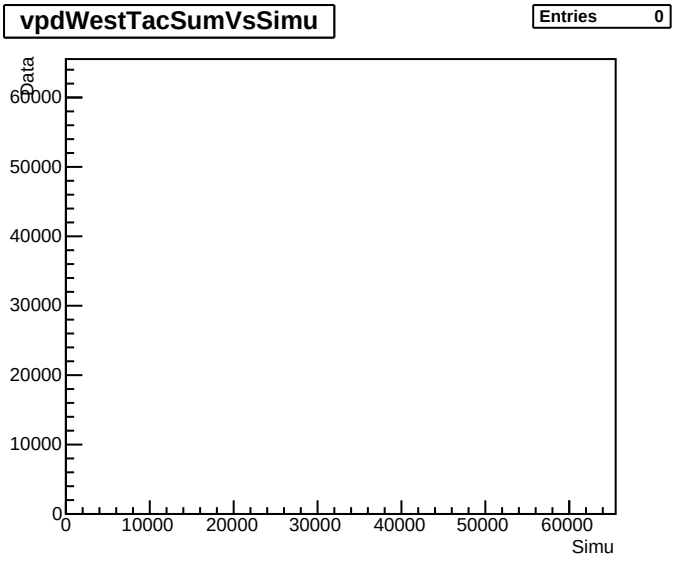

vpdWestAdcSum
Entries 235947
10^5
10^4
10^3
0 500 1000 1500 2000 2500 3000 3500 4000

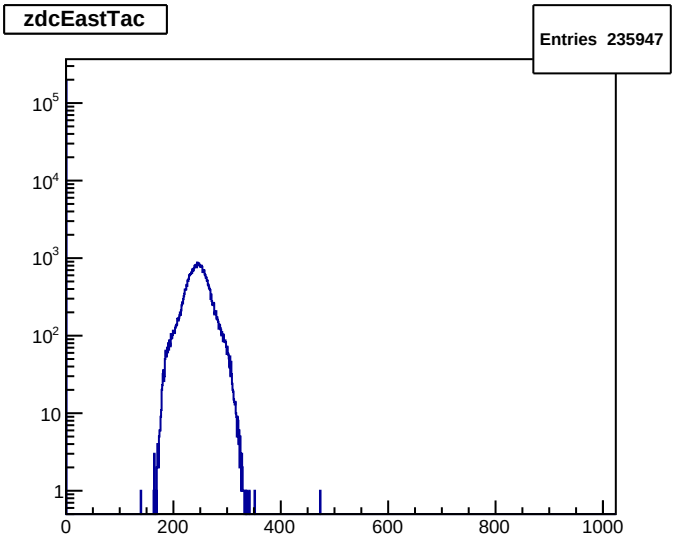

vpdWestAdcSumVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

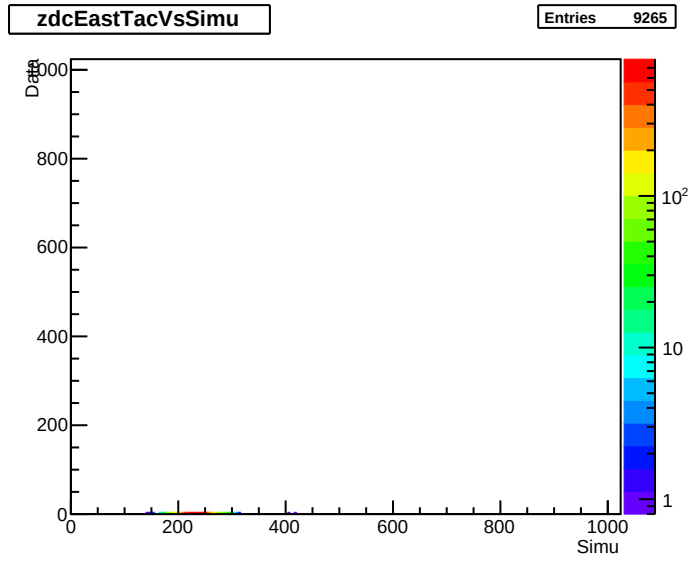

vpdWestNHits
Entries 235947
10^5
10^4
10^3
0 2 4 6 8 10 12 14 16

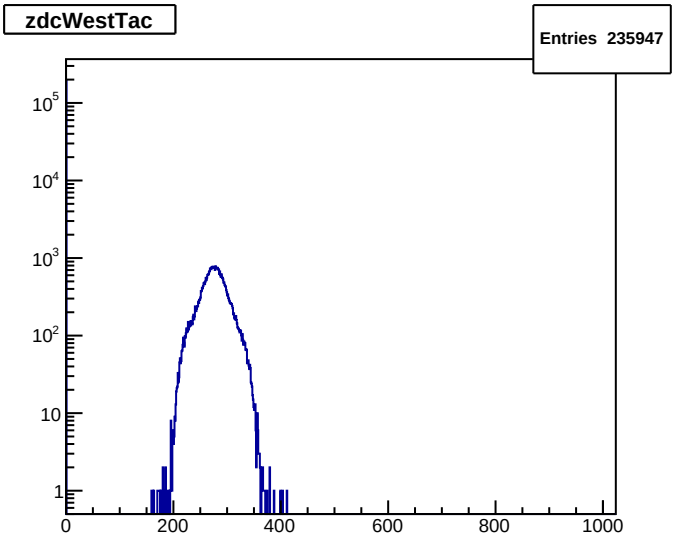

vpdWestNHitsVsSimu
Entries 0
16
14
12
10
8
6
4
2
0
0 2 4 6 8 10 12 14 16

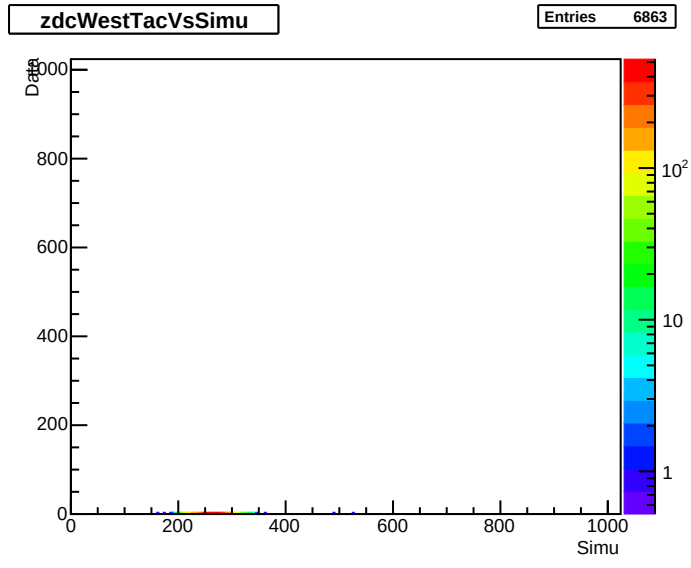

vpdWestTacSum
Entries 235947
10^5
10^4
10^3
0 10000 20000 30000 40000 50000 60000

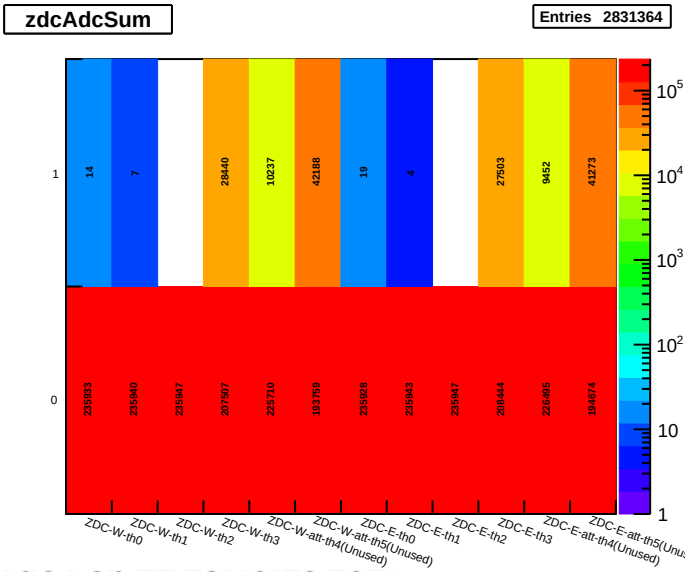

vpdWestTacSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
0 10000 20000 30000 40000 50000 60000
Simu

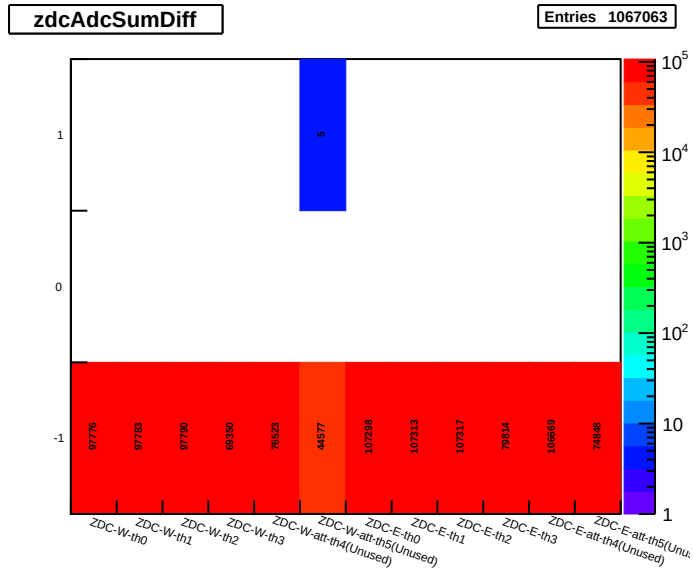

zdcEastTac
Entries 235947

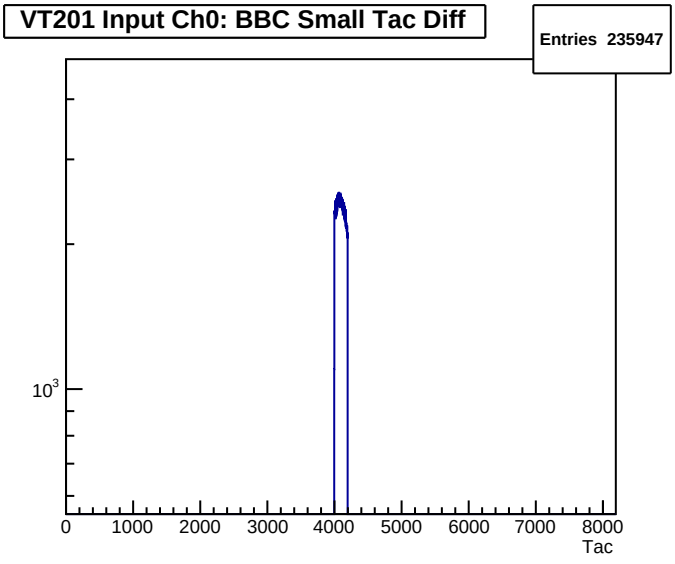

zdcEastTacVsSimu
Entries 9265
Data
Simu

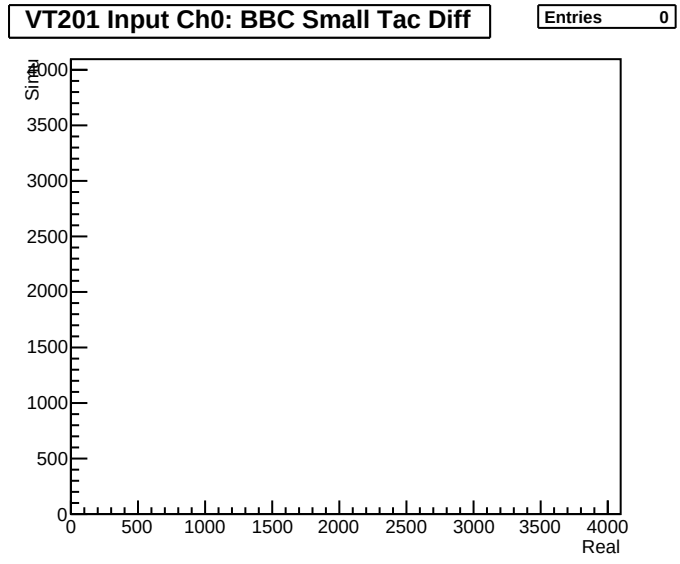

zdcWestTac
Entries 235947

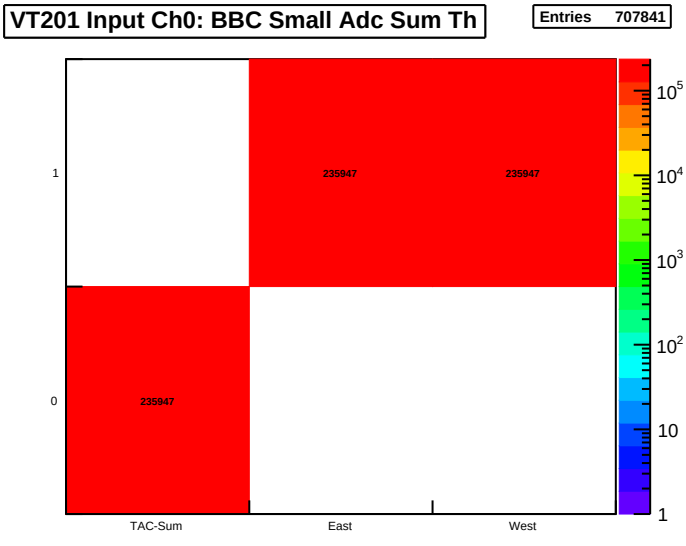

zdcWestTacVsSimu
Entries 6863
Data
Simu

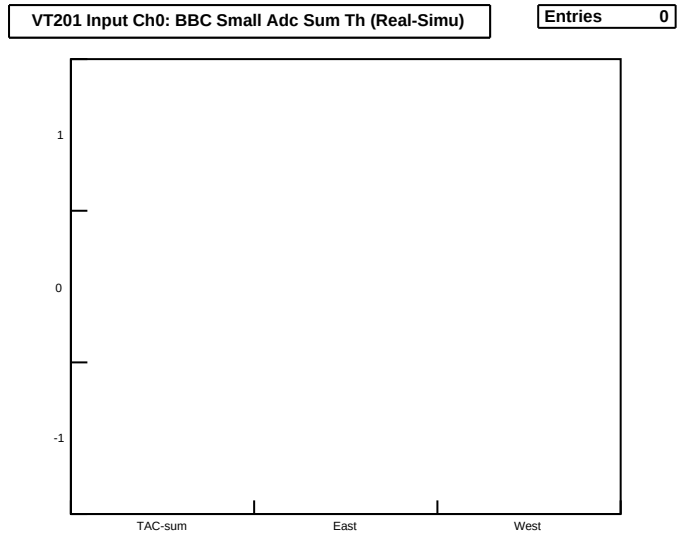

zdcAdcSum
Entries 2831364
14
7
28440
10237
42188
19
4
27503
9452
41273
235933
235940
235947
207507
225710
193759
235928
235943
235947
208444
226495
194674
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

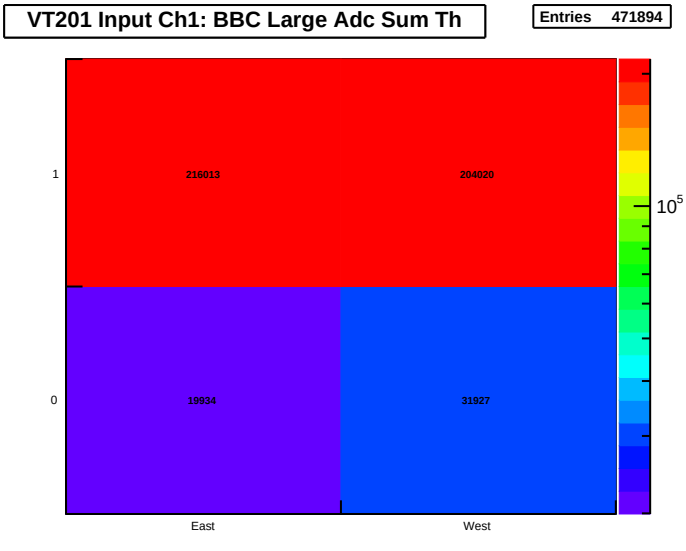

zdcAdcSumDiff
Entries 1067063
5
97776
97783
97790
69350
76523
44577
107298
107313
107317
76814
106669
74848
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

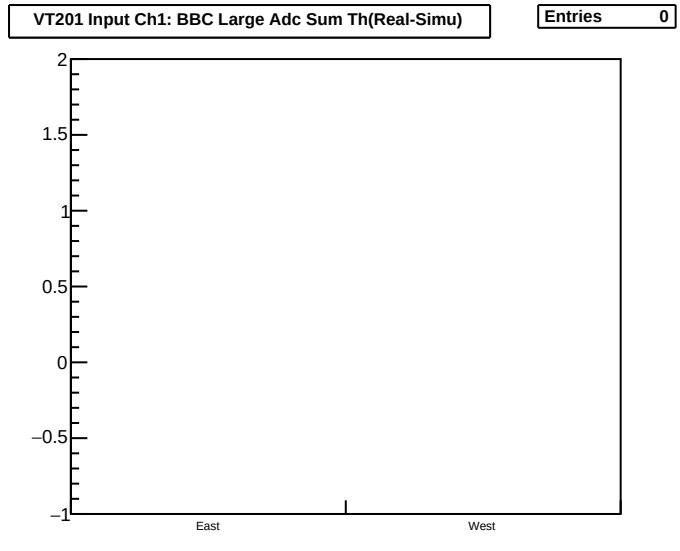

VT201 Input Ch0: BBC Small Tac Diff
Entries 235947
10^3
0 1000 2000 3000 4000 5000 6000 7000 8000
Tac


VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
0 500 1000 1500 2000 2500 3000 3500 4000
Real

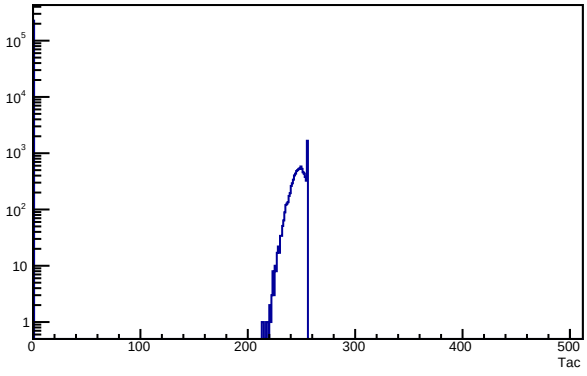

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 707841
235947
235947
235947
1
0
TAC-Sum
East
West
10^5
10^4
10^3
10^2
10
1


VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
1
0
-1
TAC-sum
East
West

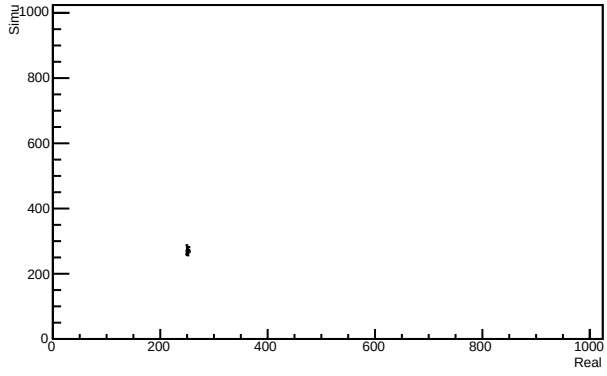

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 471894
216013
204020
19934
31927
1
0
East
West
10^5


VT201 Input Ch1: BBC Large Adc Sum Th(Real-Simu)
Entries 0
2
1.5
1
0.5
0
−0.5
−1
East
West

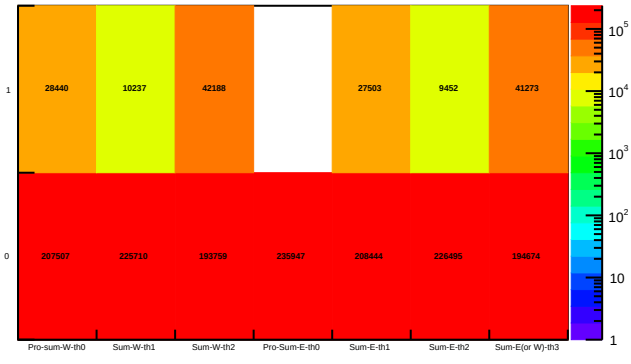
VT201 Input Ch2: ZDC Tac Diff



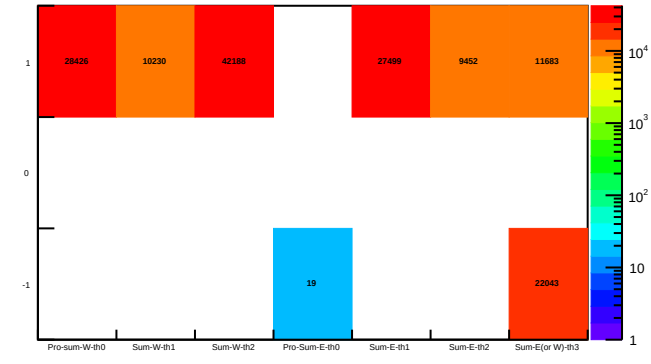
VT201 Input Ch2: ZDC Tac Diff



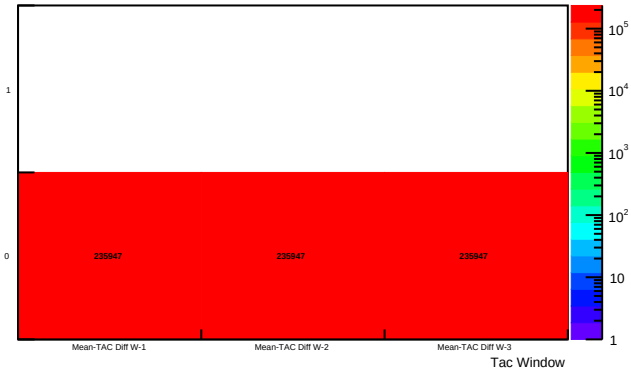
VT201 Input Ch2: ZDC Adc Sum Th



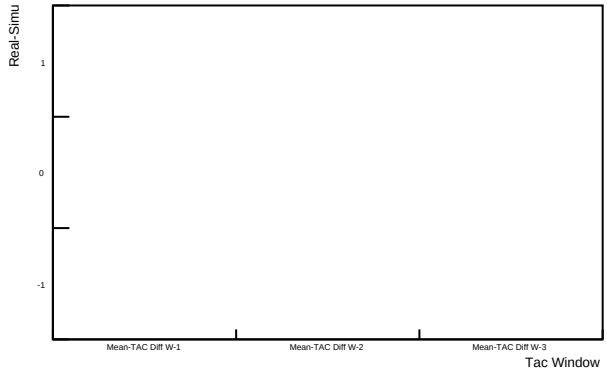
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



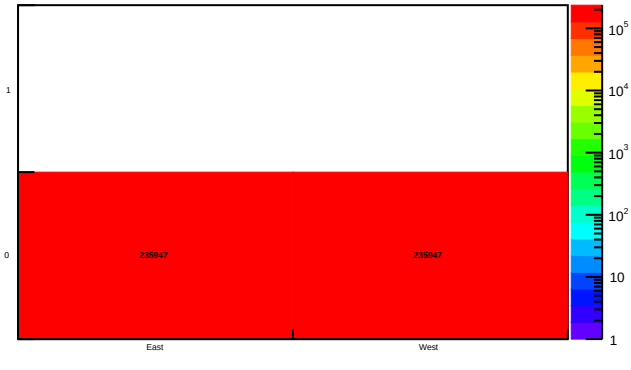
VT201 Input Ch4: VPD Tac Diff



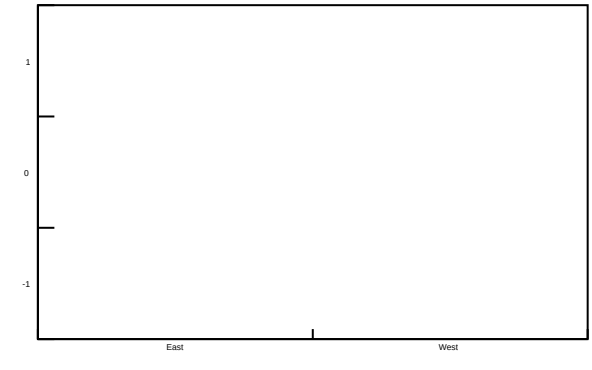
VT201 Input Ch4: VPD Tac Diff

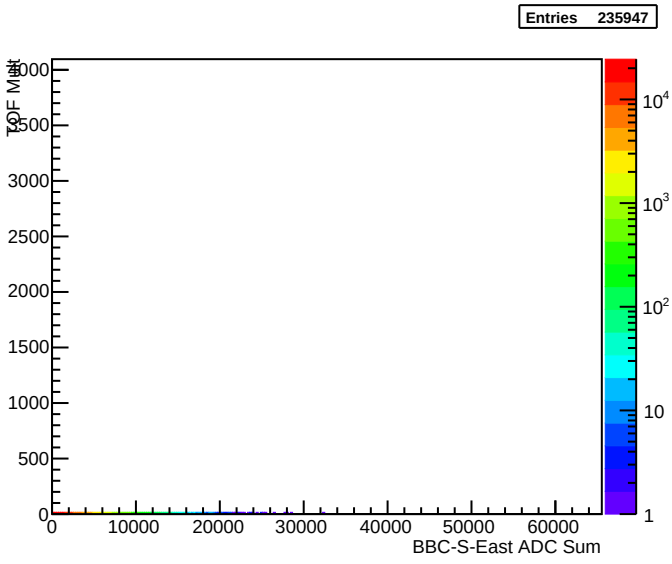


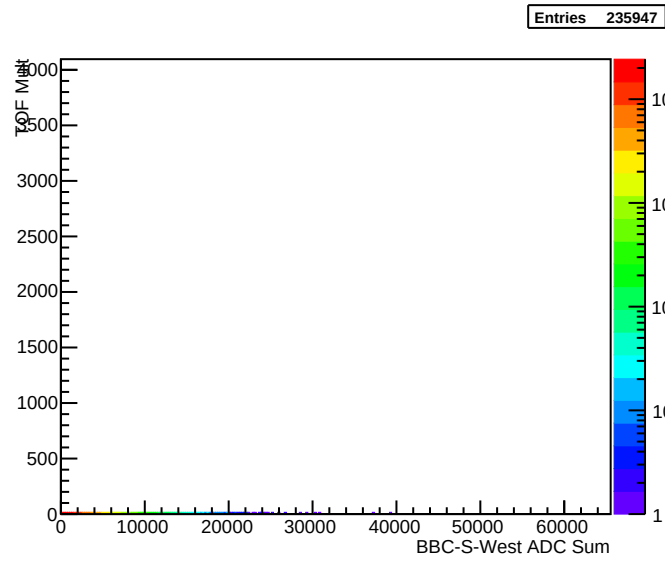
VT201 Input Ch4: VPD Adc Sum Th

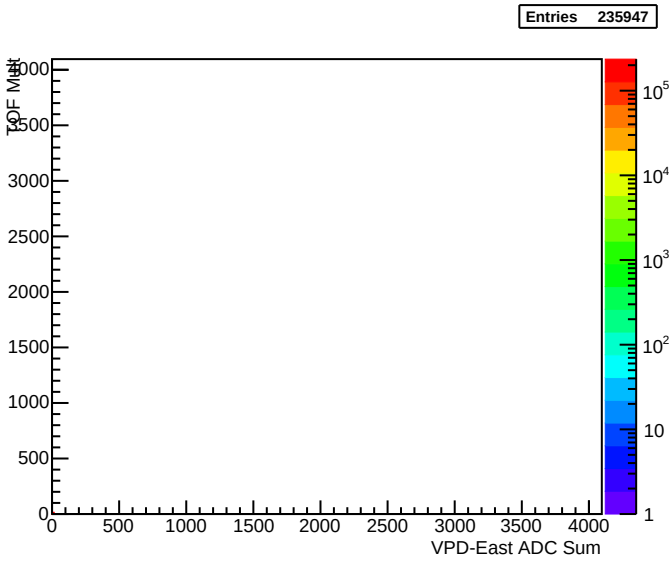


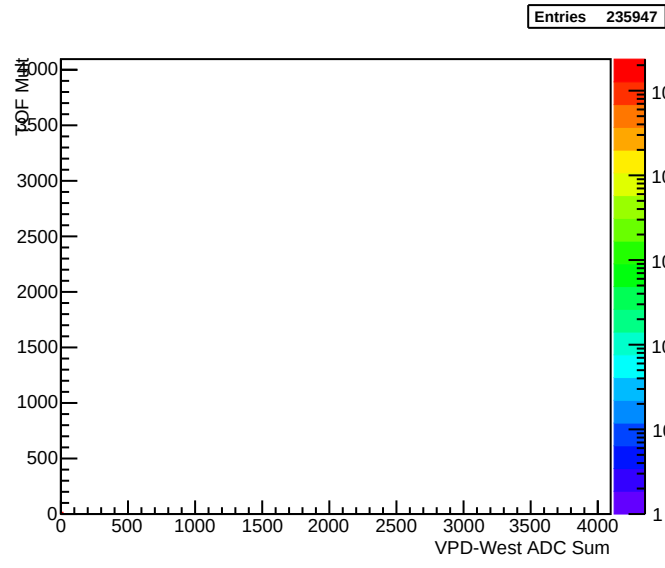
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

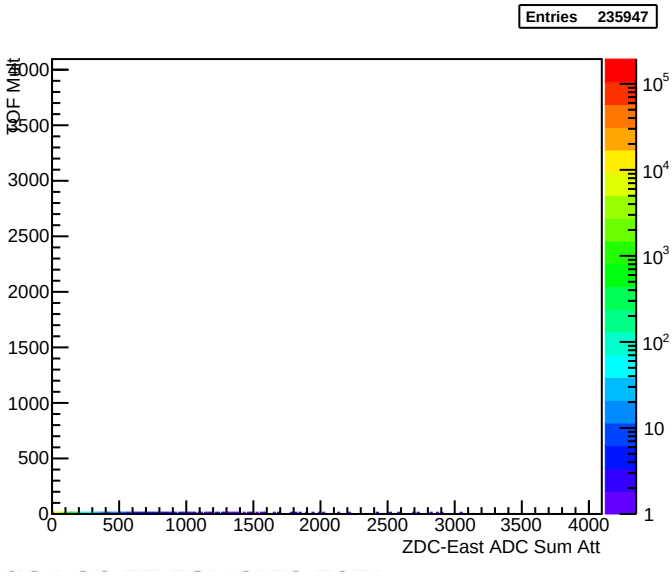


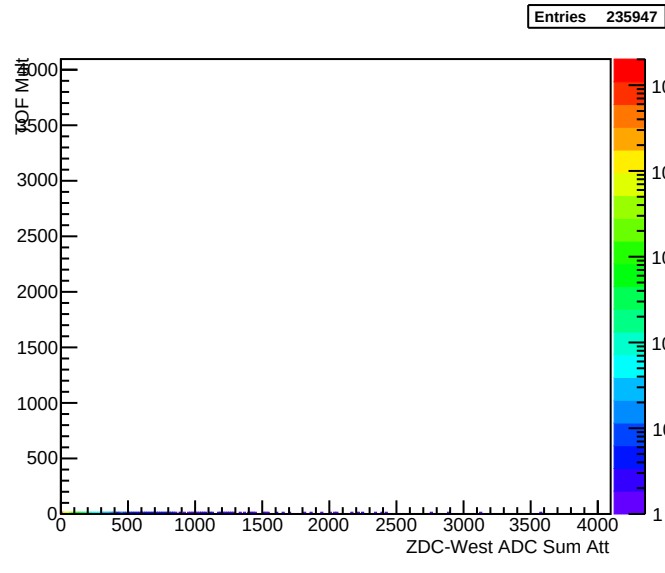

Entries 235947
TOF Mult
BBC-S-East ADC Sum

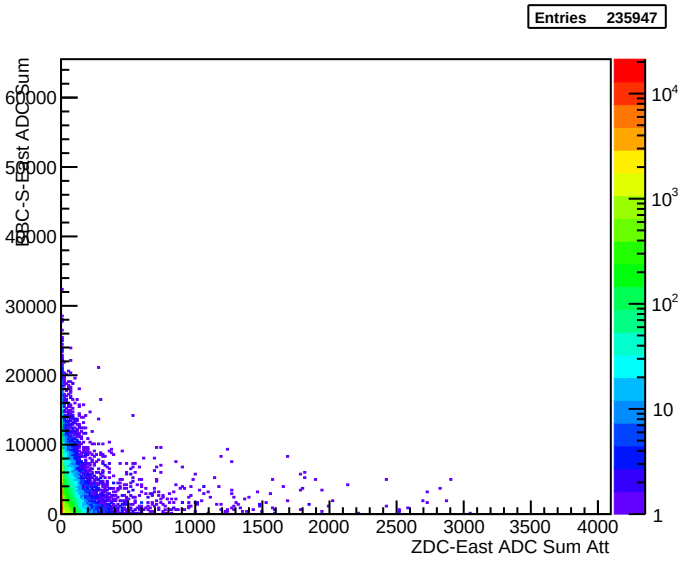

Entries 235947
TOF Mult
BBC-S-West ADC Sum

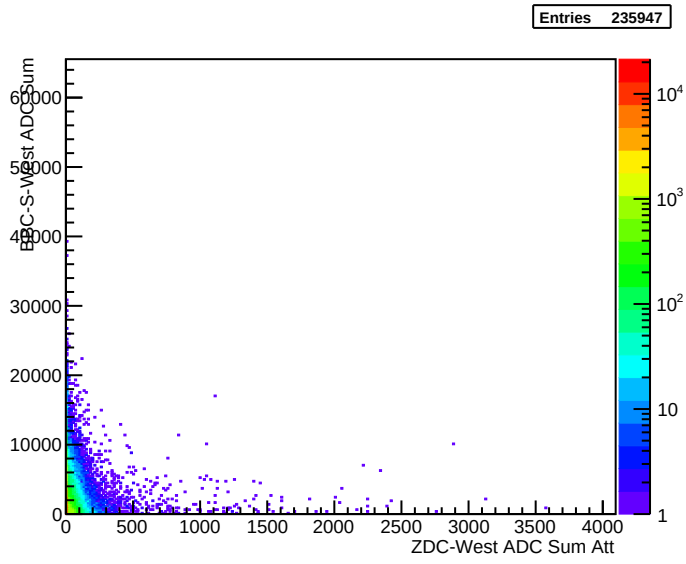

Entries 235947
TOF Mult
VPD-East ADC Sum

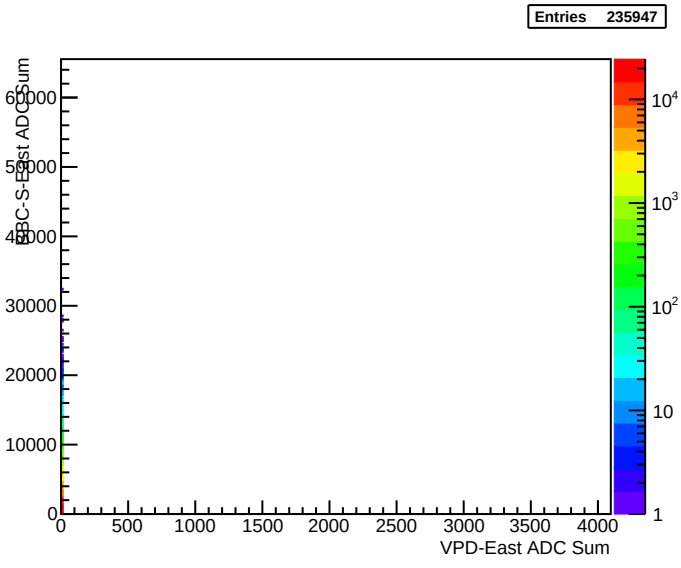

Entries 235947
TOF Mult
VPD-West ADC Sum

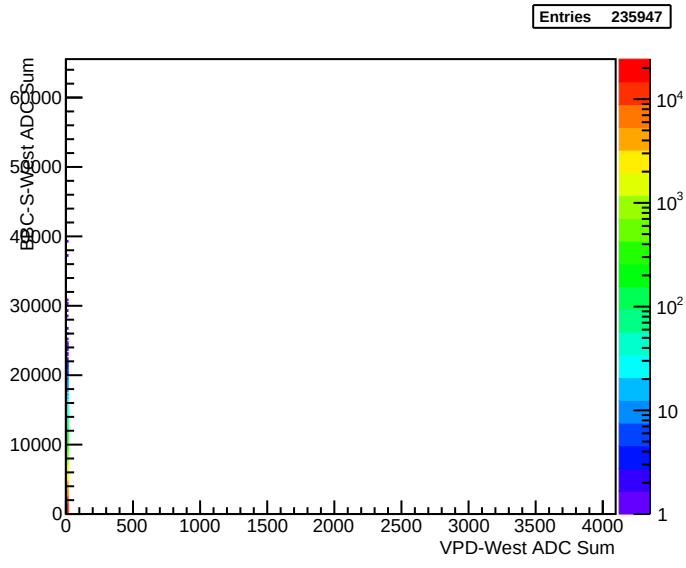

Entries 235947
TOF Mult
ZDC-East ADC Sum Att

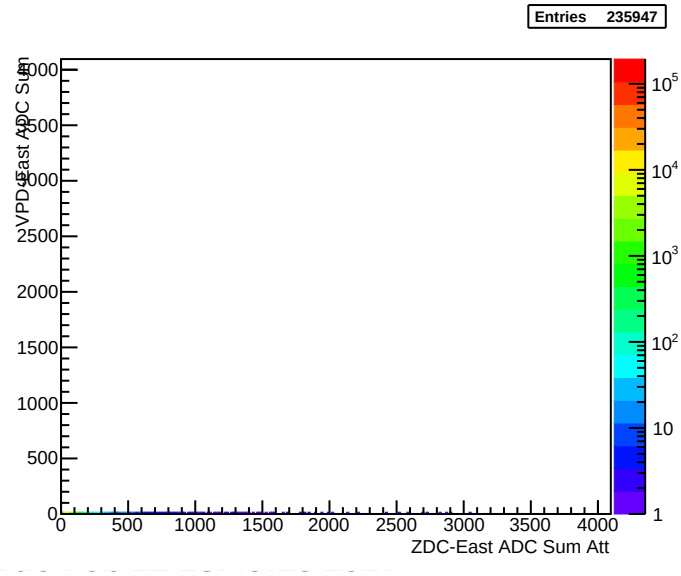

Entries 235947
TOF Mult
ZDC-West ADC Sum Att

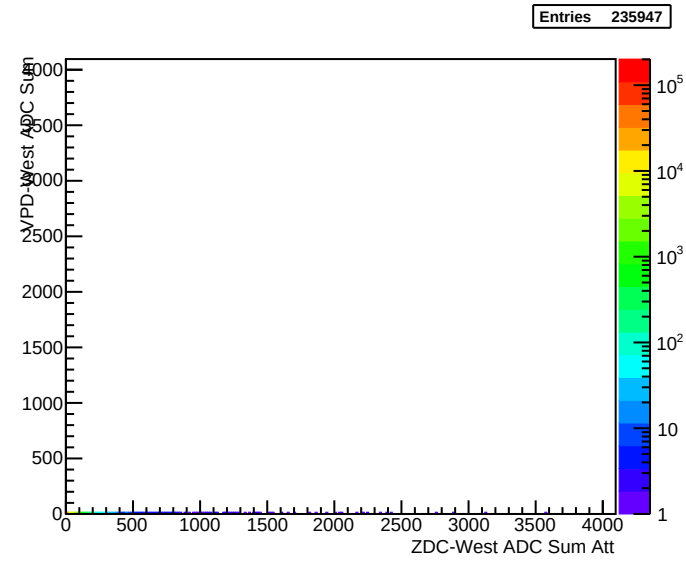

Entries 235947
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

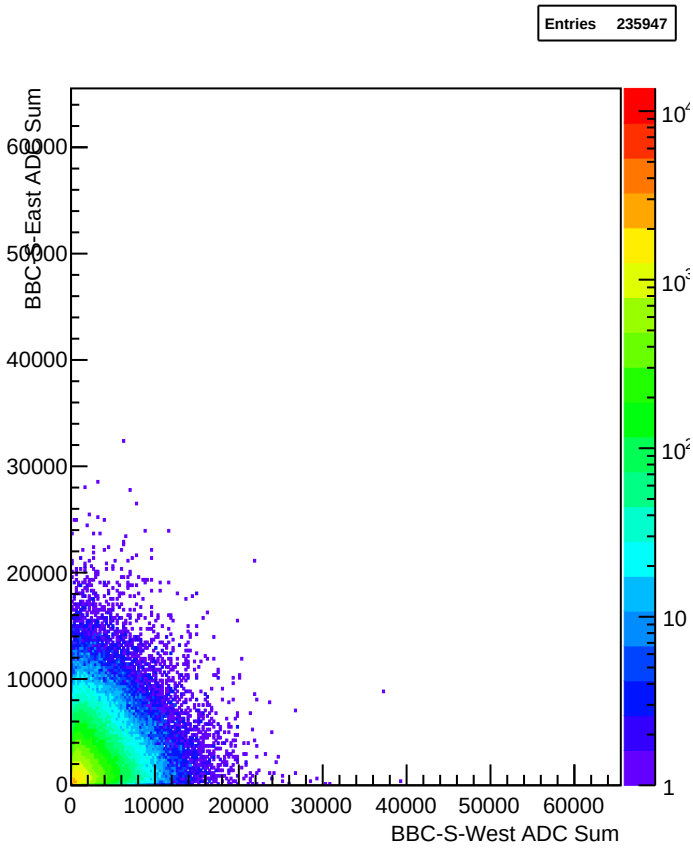

Entries 235947
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

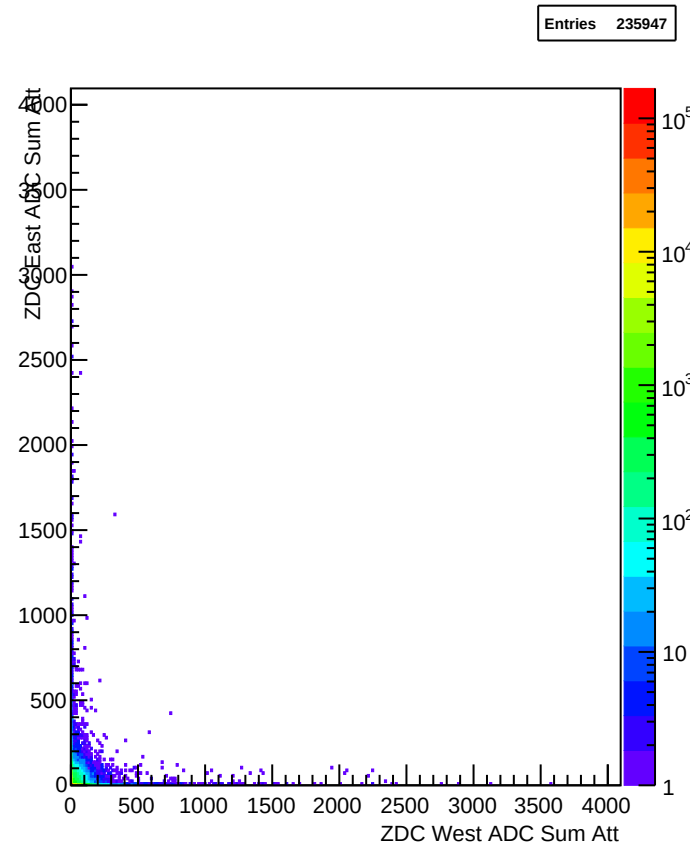

Entries 235947
BBC-S-East ADC Sum
VPD-East ADC Sum

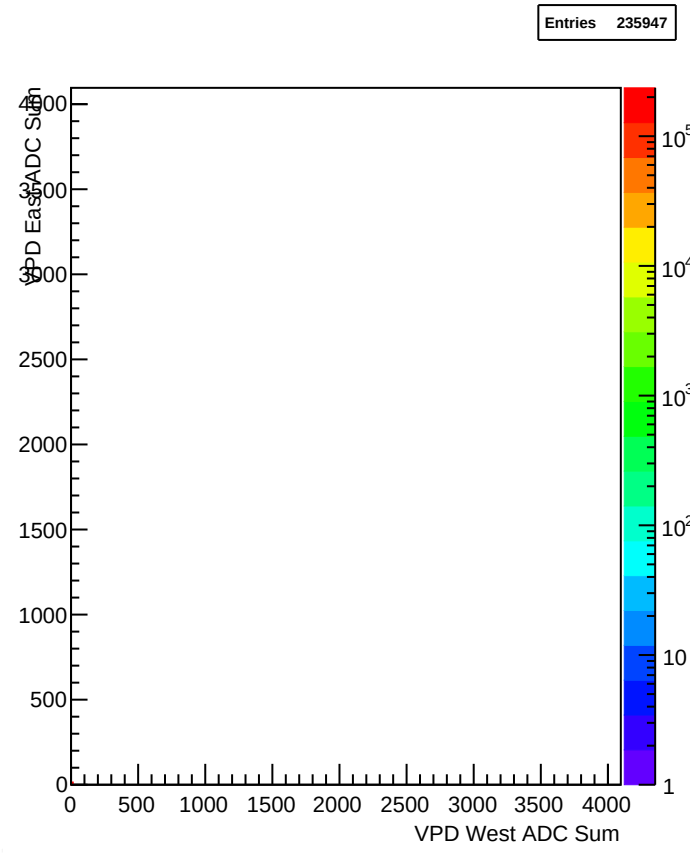

Entries 235947
BBC-S-West ADC Sum
VPD-West ADC Sum

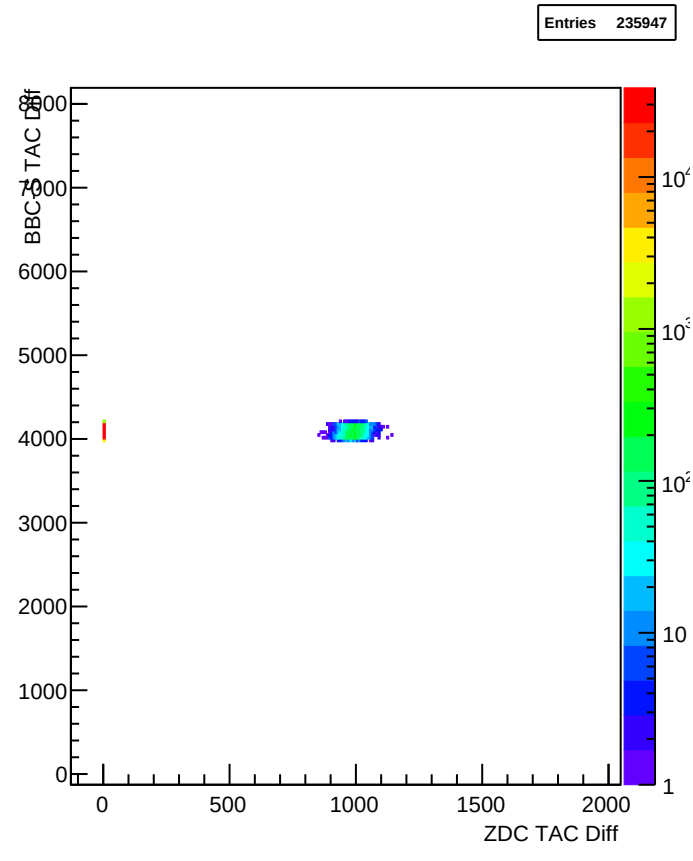

Entries 235947
VPD-East ADC Sum
ZDC-East ADC Sum Att

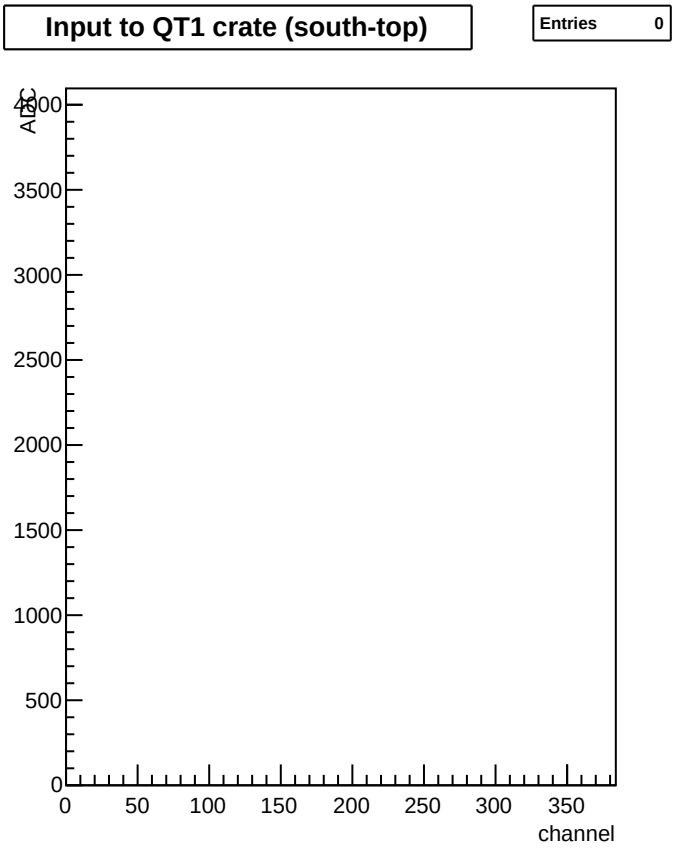

Entries 235947
VPD-West ADC Sum
ZDC-West ADC Sum Att

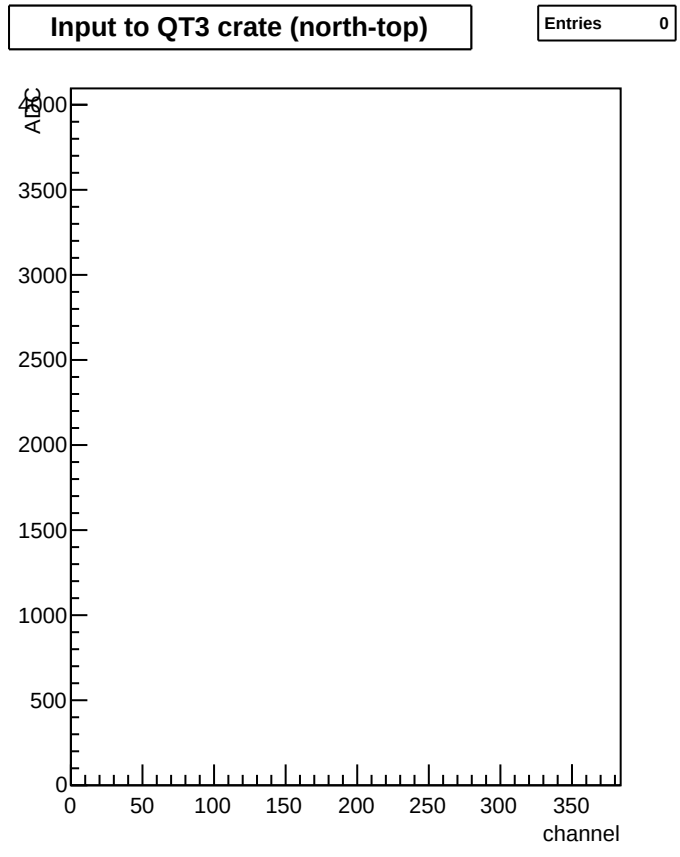

Entries 235947
BBC-S-East ADC Sum
BBC-S-West ADC Sum

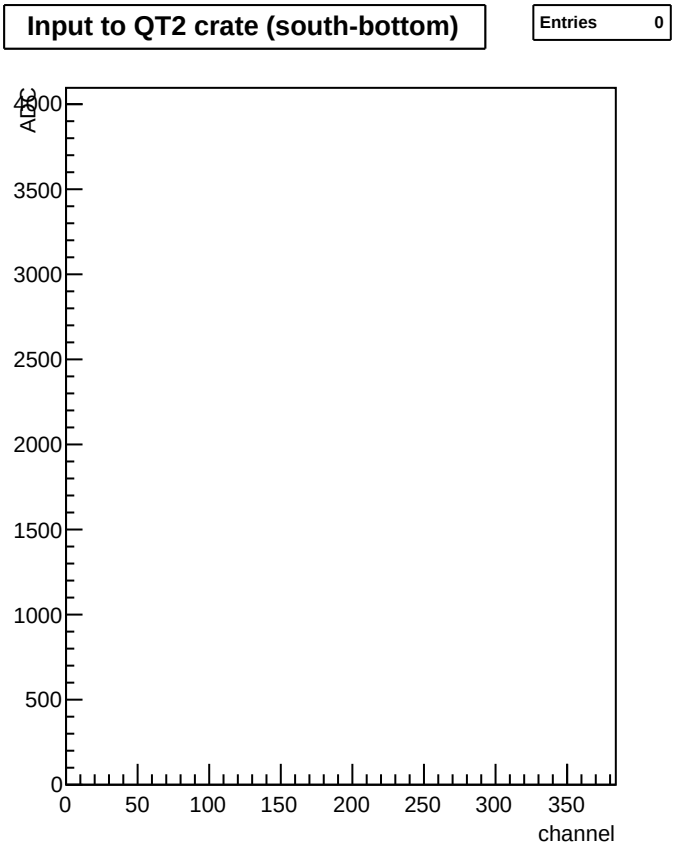

Entries 235947
ZDC East ADC Sum Att
ZDC West ADC Sum Att

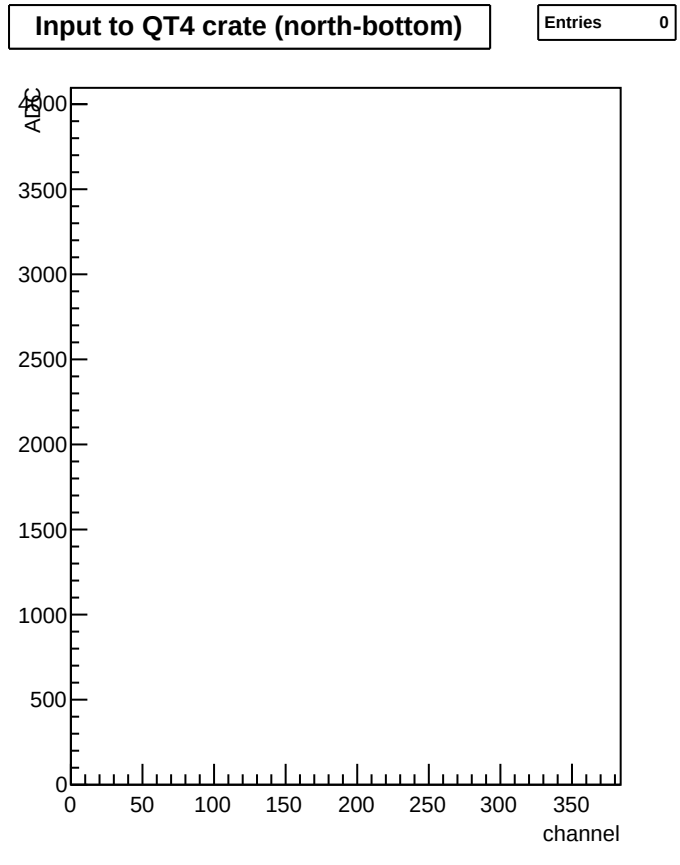

Entries 235947
VPD East ADC Sum
VPD West ADC Sum

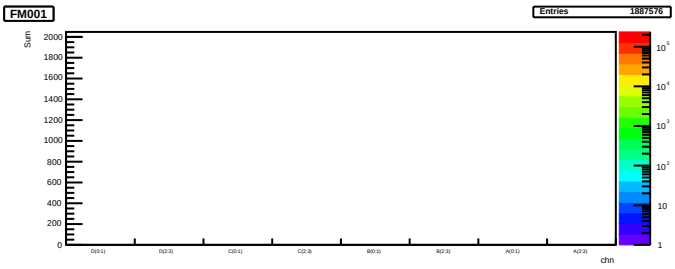

Entries 235947
BBC-S TAC Diff
ZDC TAC Diff

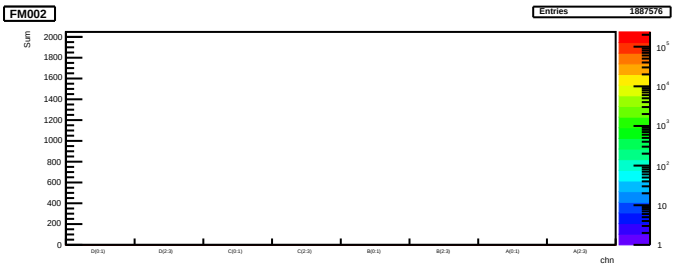

Input to QT1 crate (south-top)
Entries 0
ADC
channel

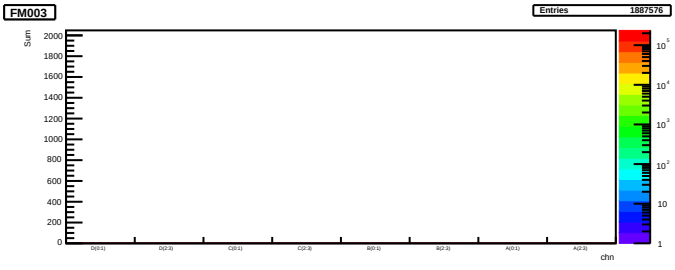

Input to QT3 crate (north-top)
Entries 0
ADC
channel

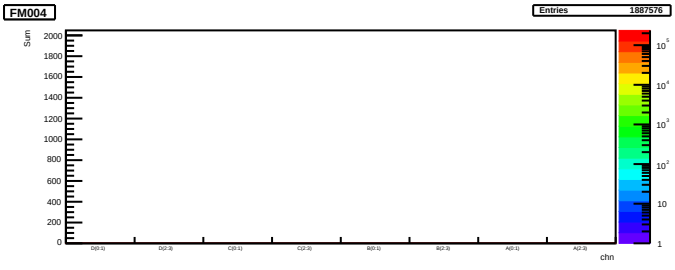

Input to QT2 crate (south-bottom)
Entries 0
ADC
channel

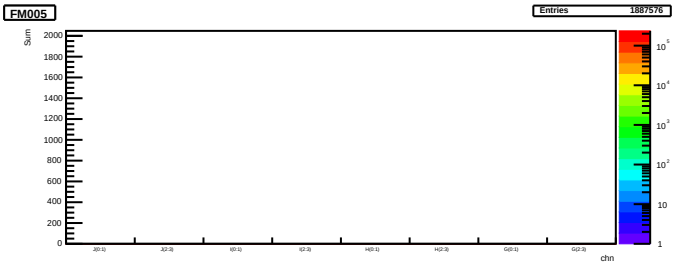

Input to QT4 crate (north-bottom)
Entries 0
ADC
channel

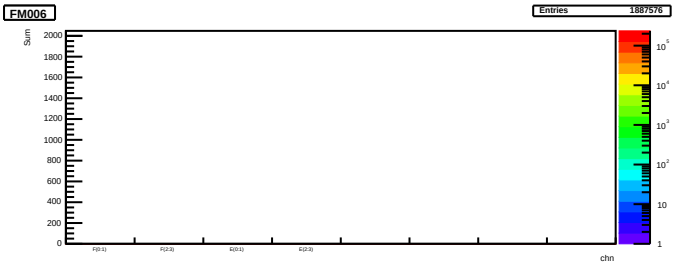

FM001
Entries 1887576
Sum
chn

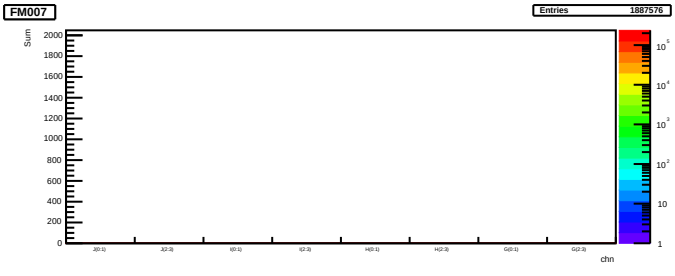

FM002
Entries 1887576
Sum
chn

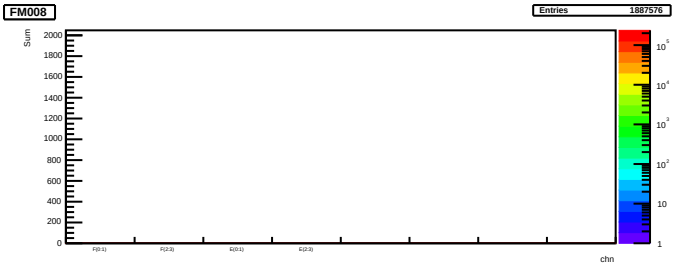

FM003
Entries 1887576
Sum
chn

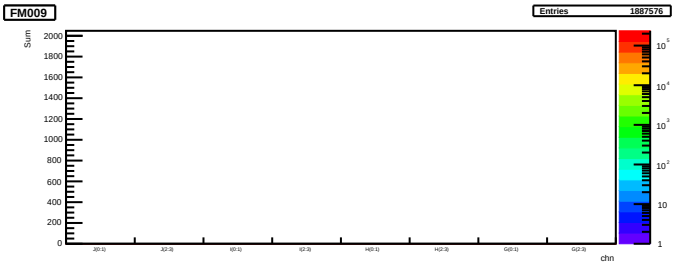

FM004
Entries 1887576
Sum
chn

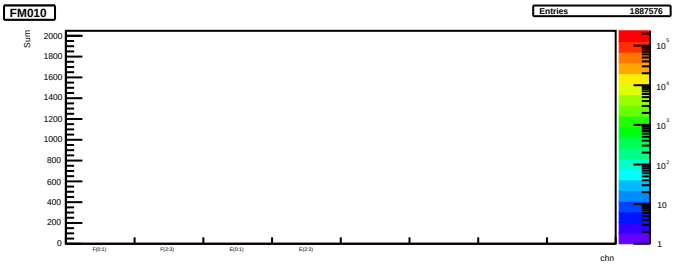

FM005
Entries 1887576
Sum
chn

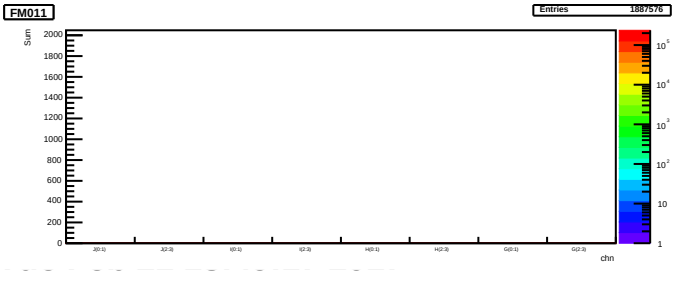

FM006
Entries 1887576
Sum
chn

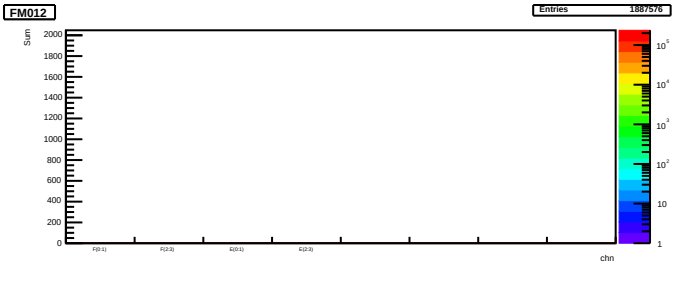

FM007
Entries 1887576
Sum
chn

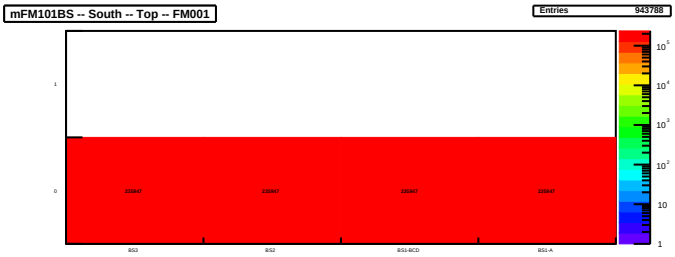

FM008
Entries 1887576
Sum
chn


FM009
Entries 1887576
Sum
chn


FM010
Entries 1887576
Sum
chn


FM011
Entries 1887576
Sum
chn


FM012
Entries 1887576
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 943788
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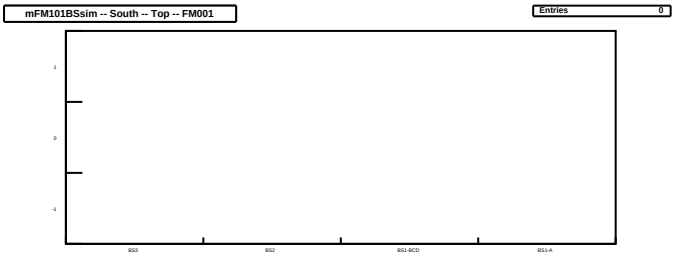
235947
BS3
BS2
BS1-BCD
BS1-A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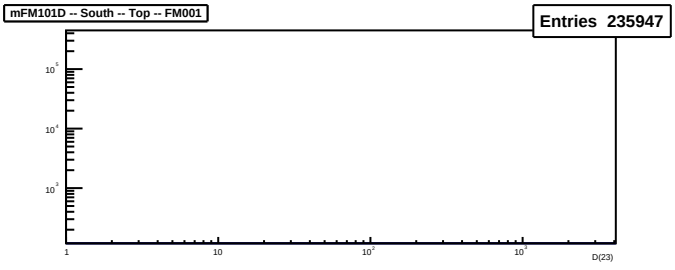
BS3
BS2
BS1-BCD
BS1-A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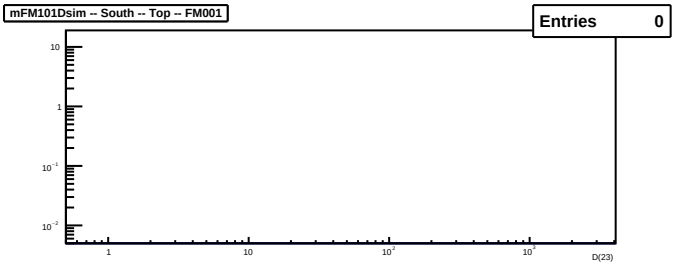
Entries 235947
D(23)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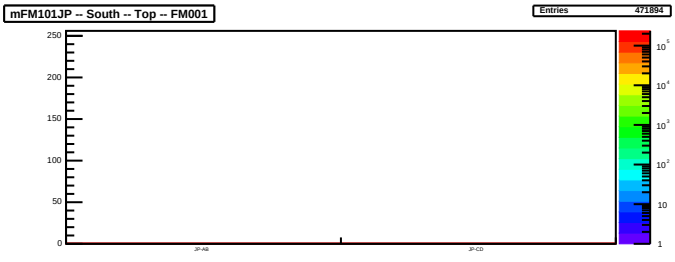
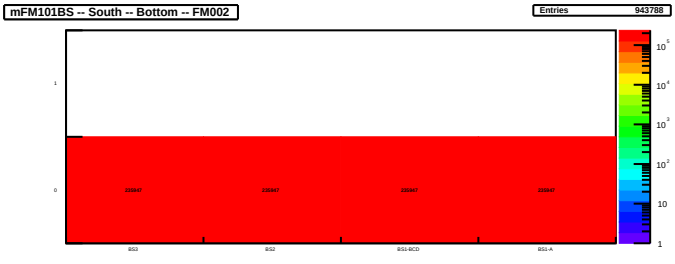
D(23)


mFM101JP -- South -- Top -- FM001
Entries 471894
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 943788
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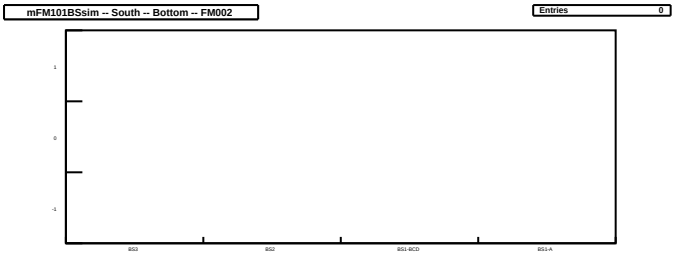
235947
235947
235947
BS3
BS2
BS1-BCD
BS1-A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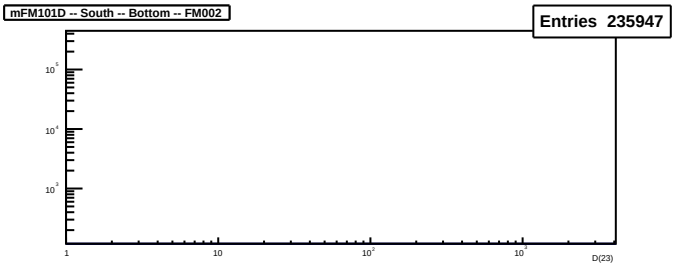
Entries 0
BS3
BS2
BS1-BCD
BS1-A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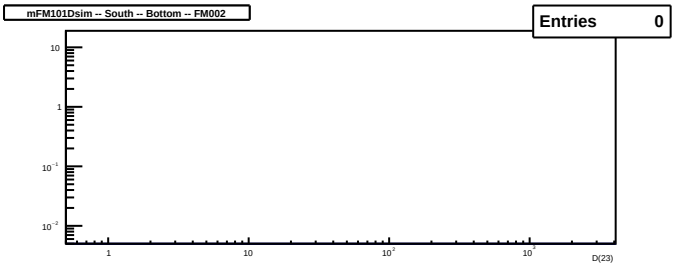
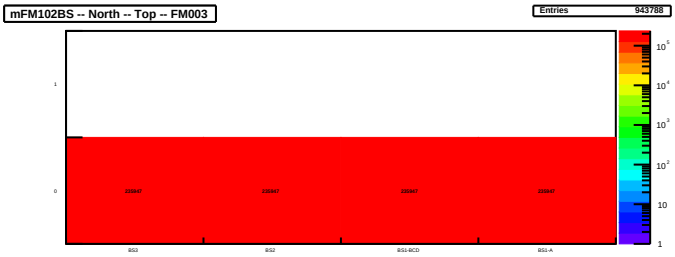
Entries 235947
D(23)

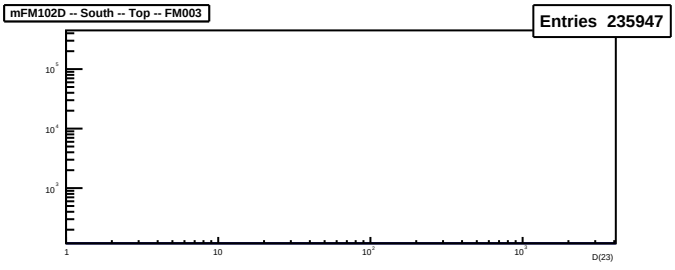

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

mFM101JP -- South -- Bottom -- FM002
Entries 471894
JP-AB
JP-CD

mFM101JPsim -- South -- Bottom -- FM002
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 943788
235947
235947
235947
235947
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A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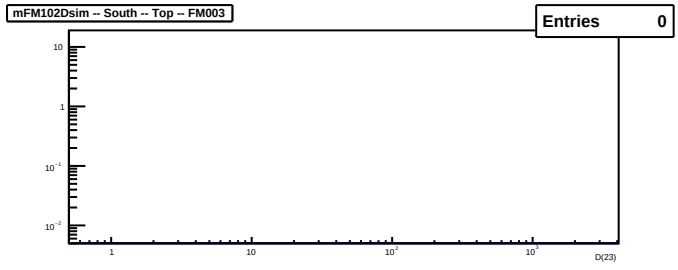
Entries 235947
D(23)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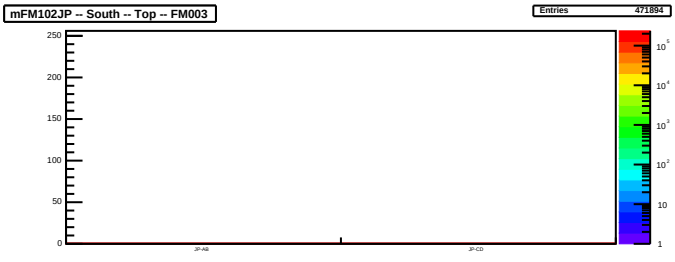
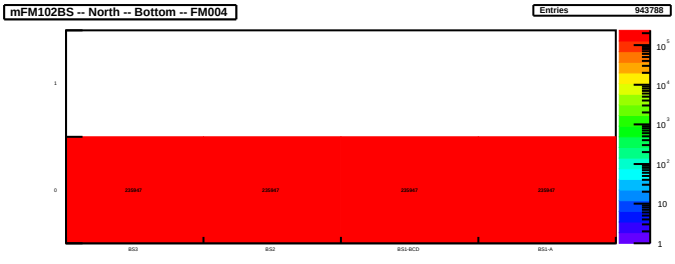
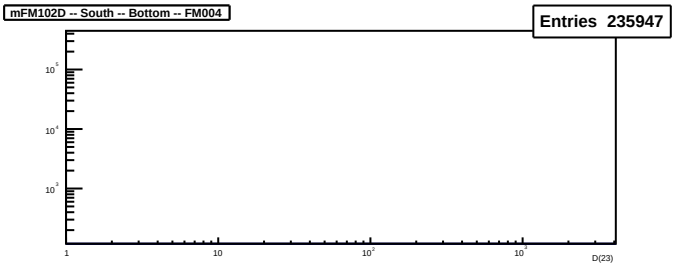
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 471894
JP-AB
JP-CD

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


mFM102BS -- North -- Bottom -- FM004
Entries 943788
235947
235947
235947
235947
BS3
BS2
BS1-BCD
BS1-A

mFM102BSsim -- North -- Bottom -- FM004
Entries 0
BS3
BS2
BS1-BCD
BS1-A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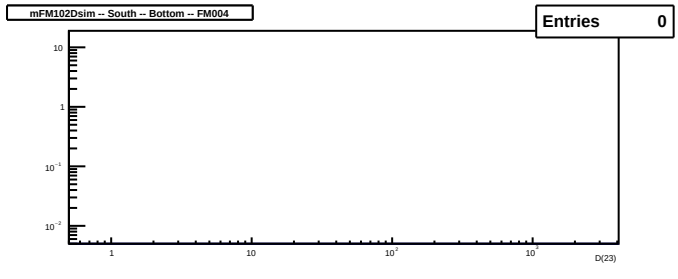
Entries 235947
D(23)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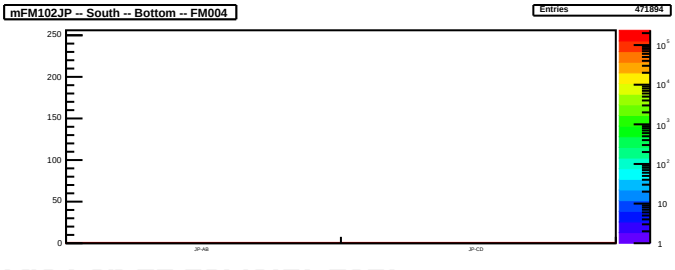
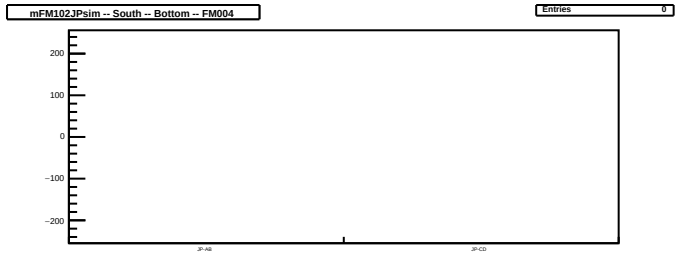
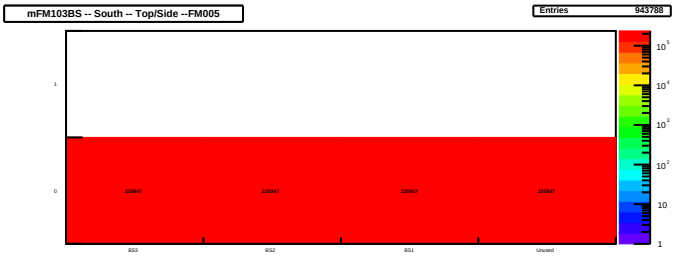
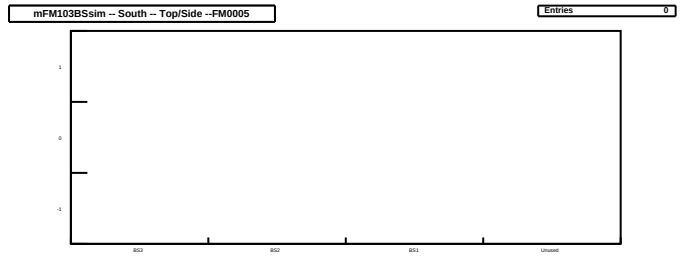
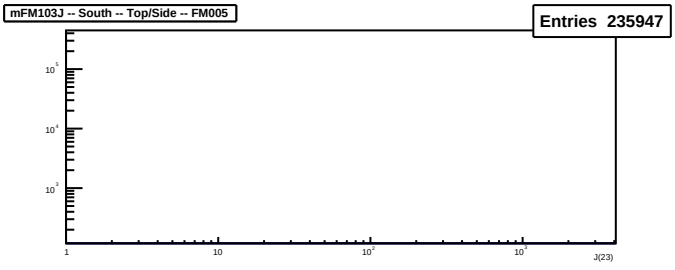
Entries 0
D(23)

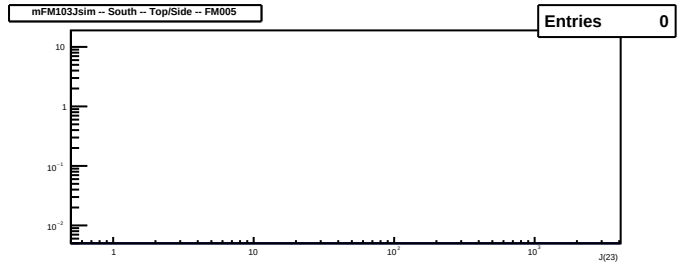

mFM102JP -- South -- Bottom -- FM004
Entries 471894
JP-AB
JP-CD


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


mFM103BS -- South -- Top/Side --FM005
Entries 943788
235947
235947
235947
235947
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Top/Side --FM0005
Entries 0
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 235947
J(23)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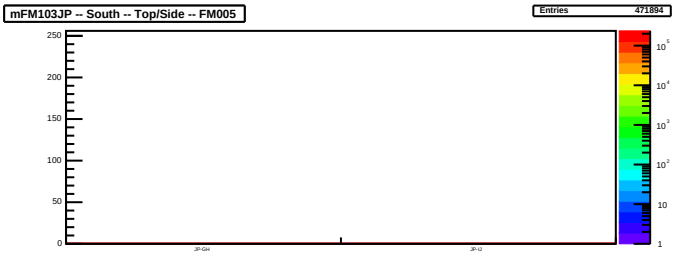
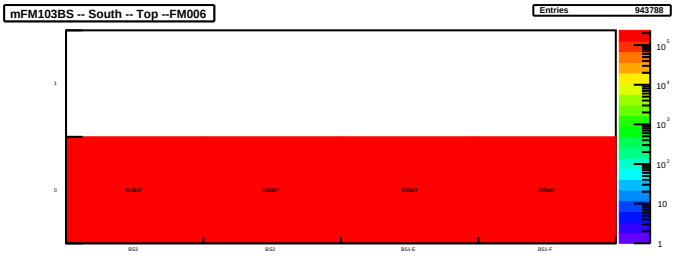
Entries 0
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 471894
JP-GH
JP-IJ

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


mFM103BS -- South -- Top --FM006
Entries 943788
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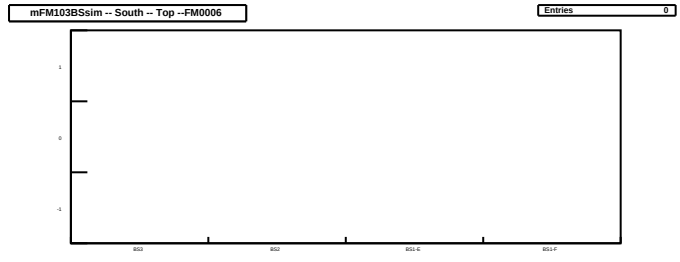
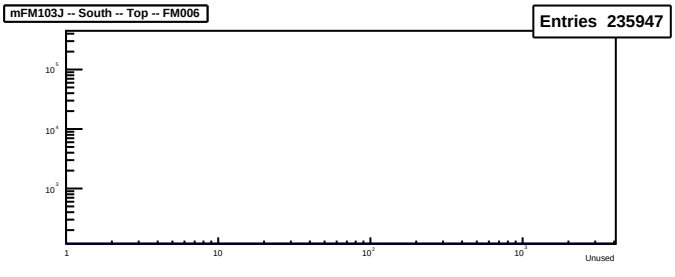
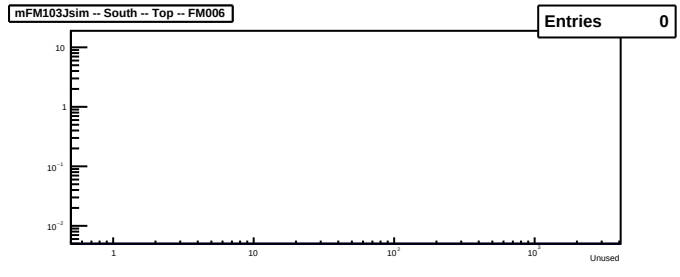
235947
235947
235947
BS3
BS2
BS1-E
BS1-F


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


mFM103J -- South -- Top -- FM006
Entries 235947
Unused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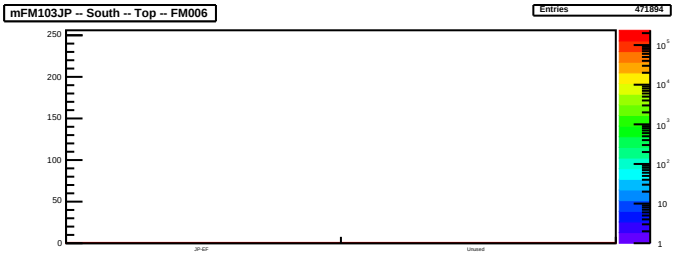
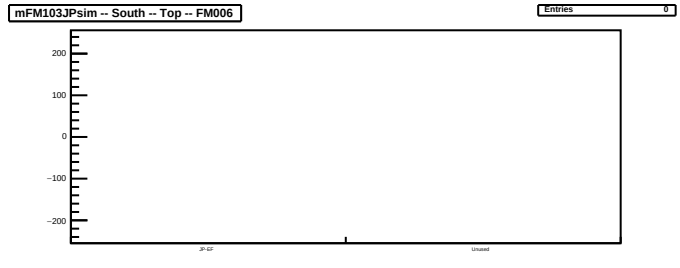
Entries 0
Unused


mFM103JP -- South -- Top -- FM006
Entries 471894
JP-EF
Unused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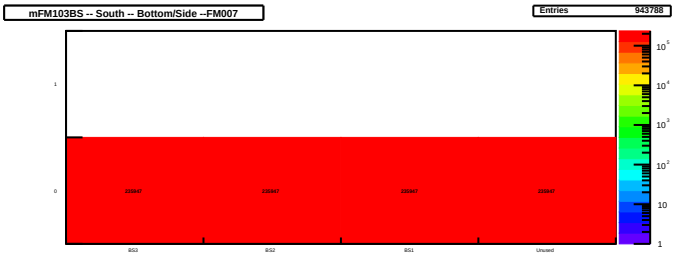
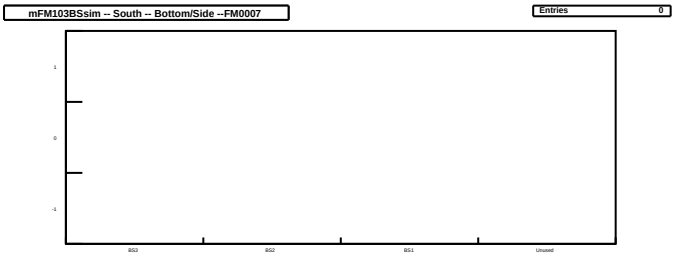
Entries 0
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 943788
235947
235947
235947
235947
BS3
BS2
BS1
Unused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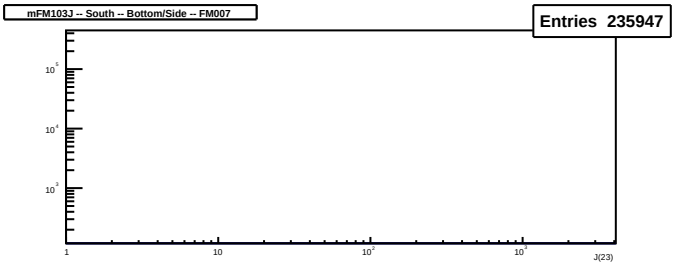
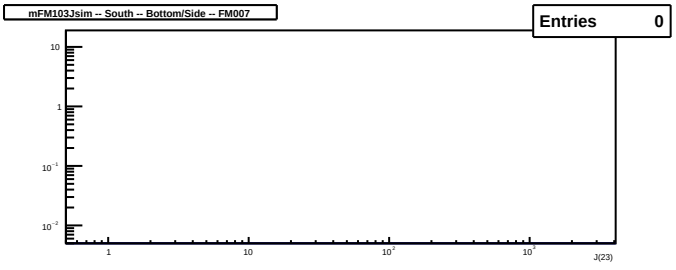
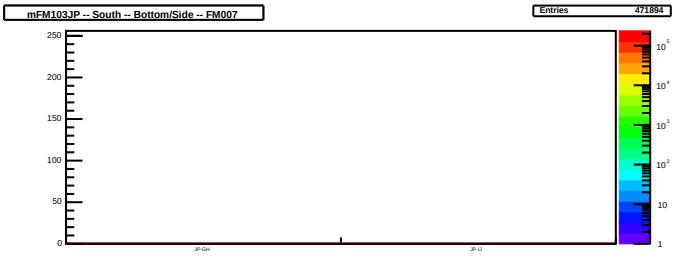
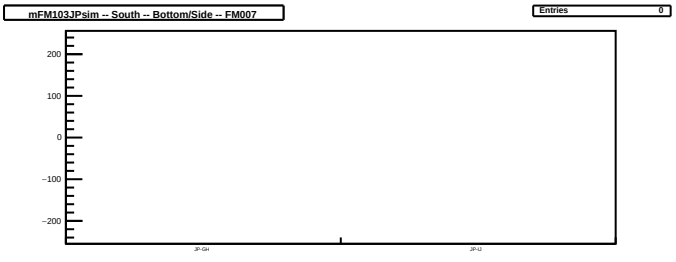
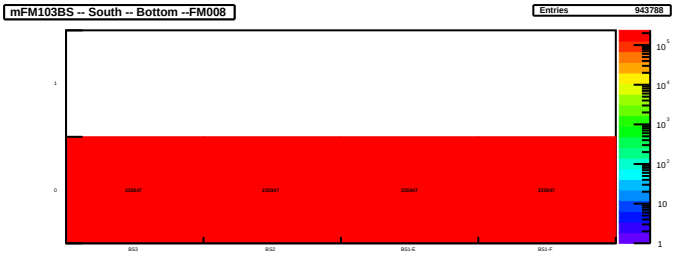
Entries 0
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 235947
J(23)


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


mFM103JP -- South -- Bottom/Side -- FM007
Entries 471894
JP-GH
JP-IJ


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


mFM103BS -- South -- Bottom --FM008
Entries 943788
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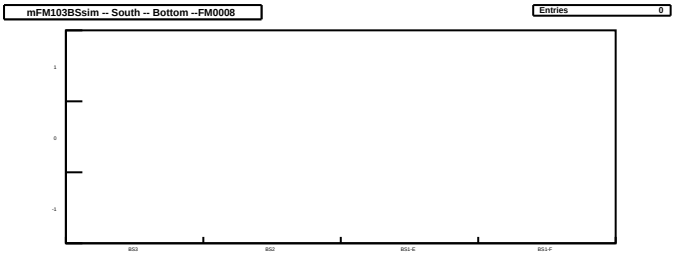
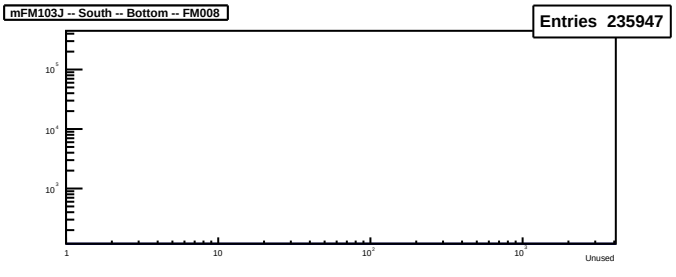
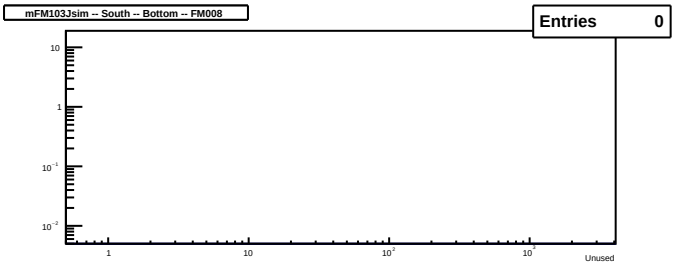
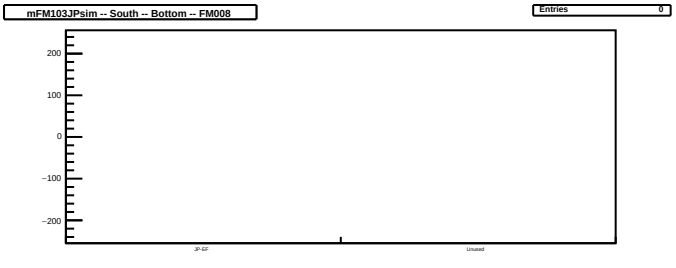
235947
235947
235947
BS3
BS2
BS1-E
BS1-F

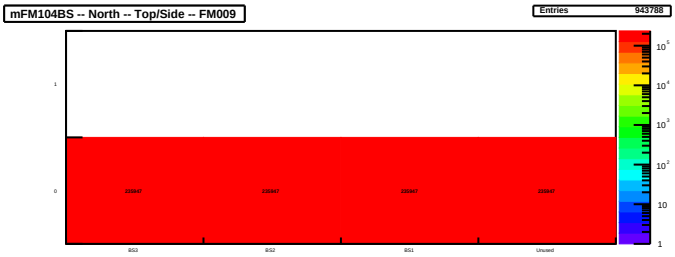

mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 235947
Unused


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

mFM103JP -- South -- Bottom -- FM008
Entries 471894
JP-EF
Unused


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


mFM104BS -- North -- Top/Side -- FM009
Entries 943788
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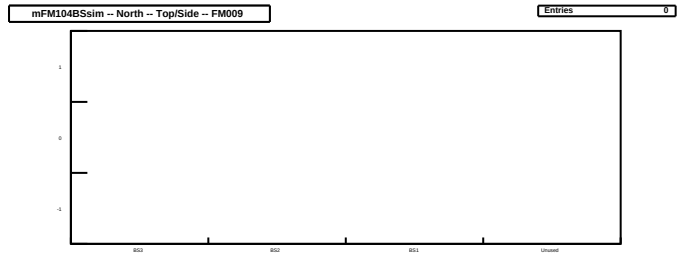
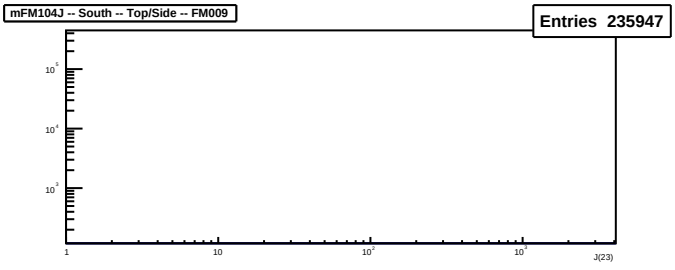
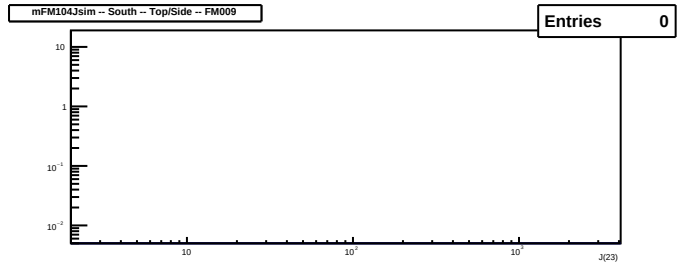
235947
235947
235947
BS3
BS2
BS1
Unused


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


mFM104J -- South -- Top/Side -- FM009
Entries 235947
J(23)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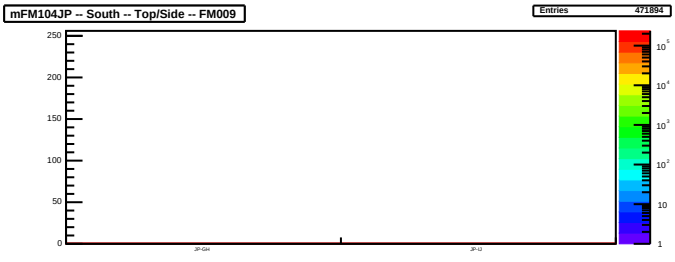
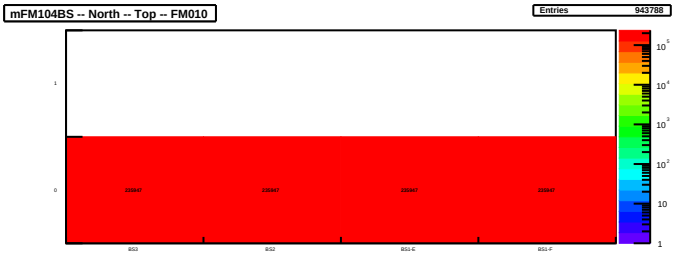
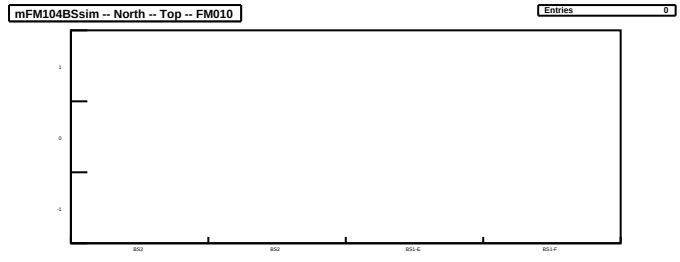
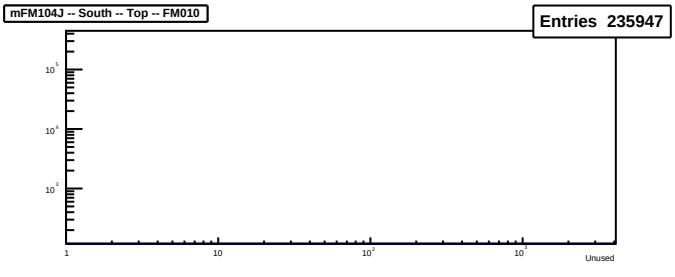
Entries 0
J(23)

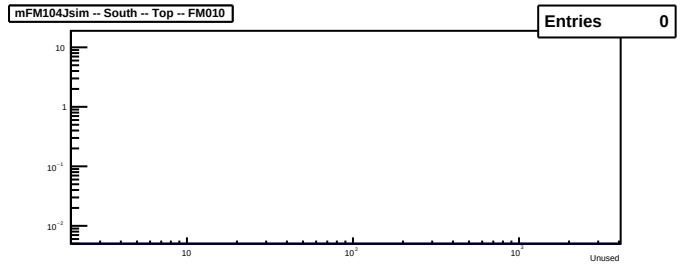

mFM104JP -- South -- Top/Side -- FM009
Entries 471894
JP-GH
JP-IJ

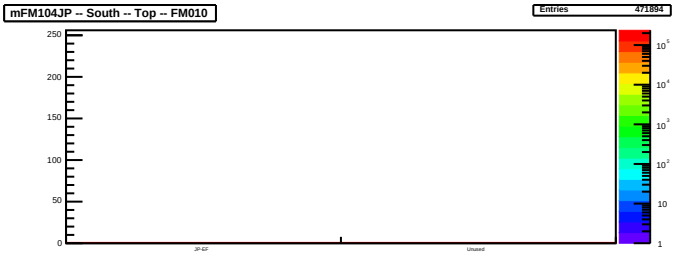
mFM104JPsim -- South -- Top/Side -- FM009
Entries 0
JP-GH
JP-IJ


mFM104BS -- North -- Top -- FM010
Entries 943788
235947
235947
235947
235947
BS3
BS2
BS1-E
BS1-F

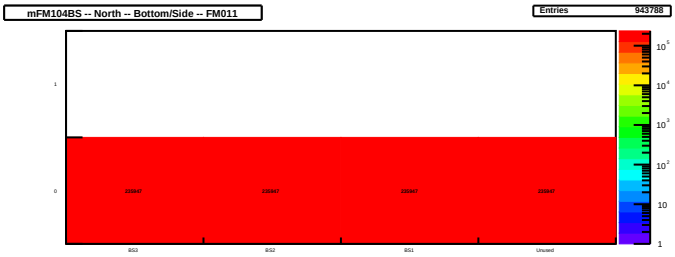

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

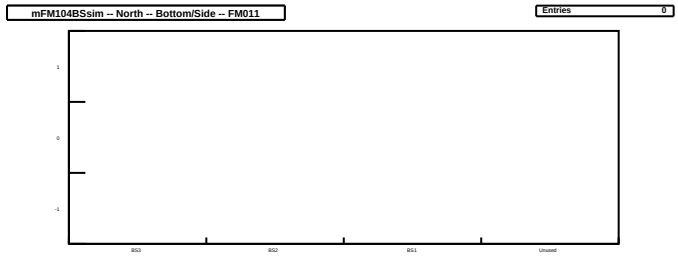

mFM104J -- South -- Top -- FM010
Entries 235947
Unused

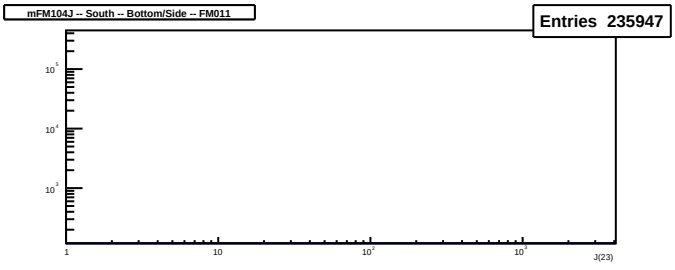

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

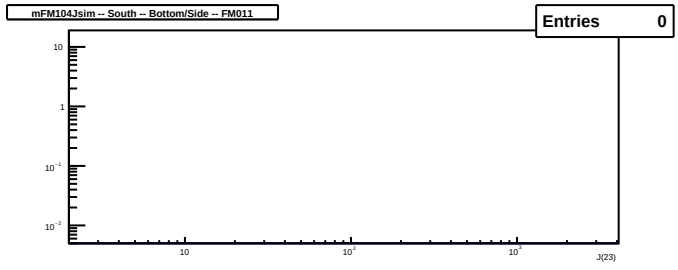

mFM104JP -- South -- Top -- FM010
Entries 471894
JP-EF
Unused

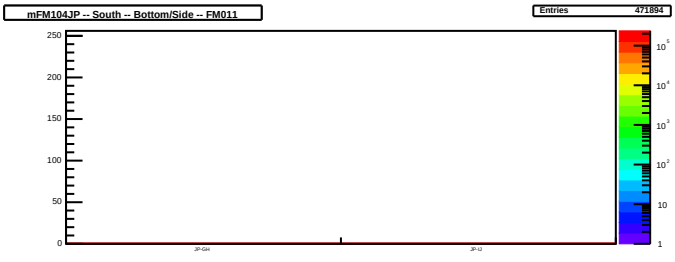
mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

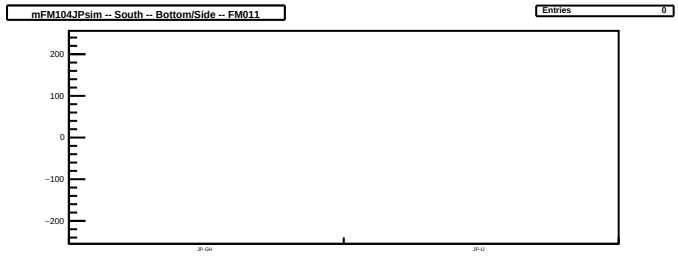

mFM104BS -- North -- Bottom/Side -- FM011
Entries 943788
235947
235947
235947
235947
BS3
BS2
BS1
Unused

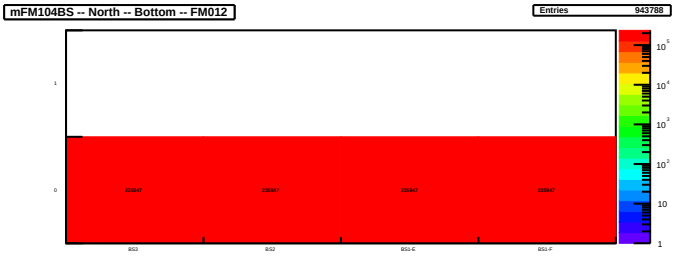

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

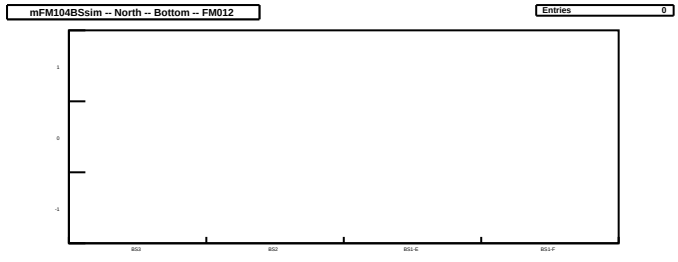

mFM104J -- South -- Bottom/Side -- FM011
Entries 235947
J(23)

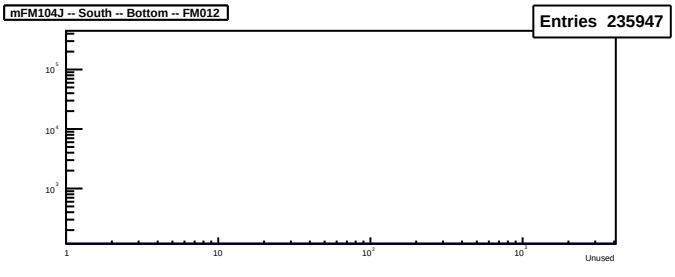

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

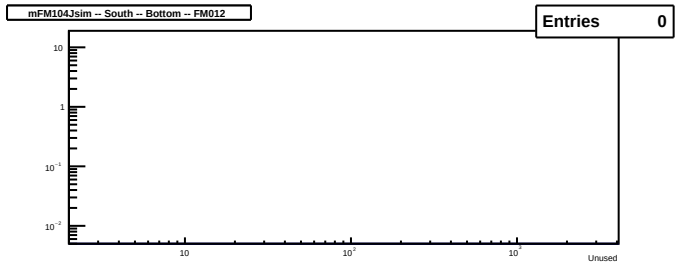

mFM104JP -- South -- Bottom/Side -- FM011
Entries 471894
JP-GH
JP-U


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


mFM104BS -- North -- Bottom -- FM012
Entries 943788
235947
235947
235947
235947
BS3
BS2
BS1-E
BS1-F

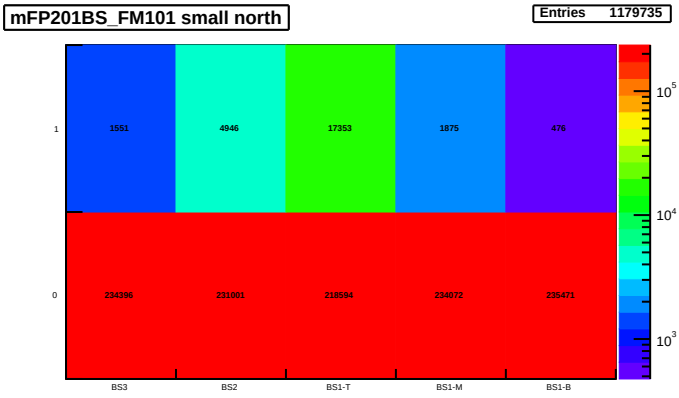

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

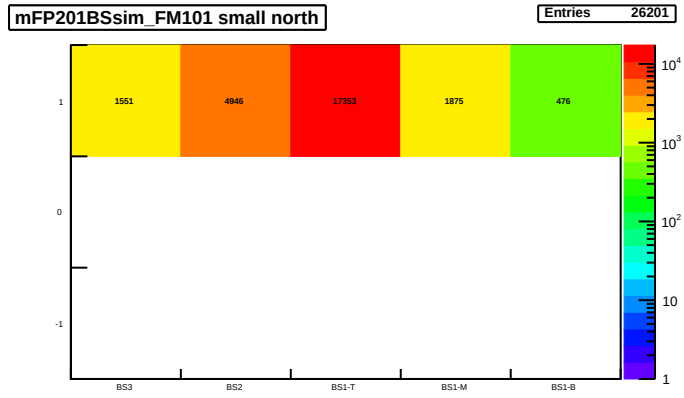

mFM104J -- South -- Bottom -- FM012
Entries 235947
Unused

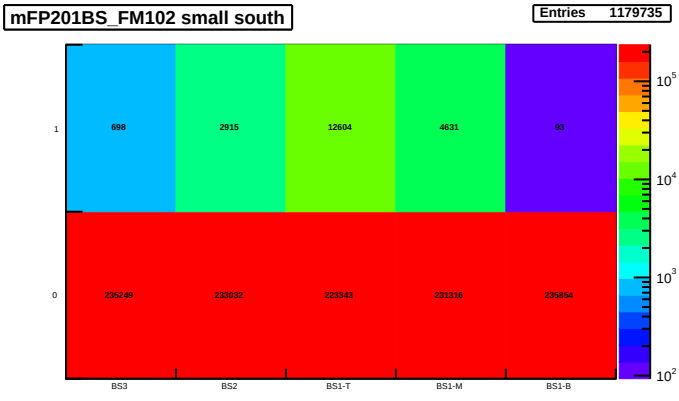

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

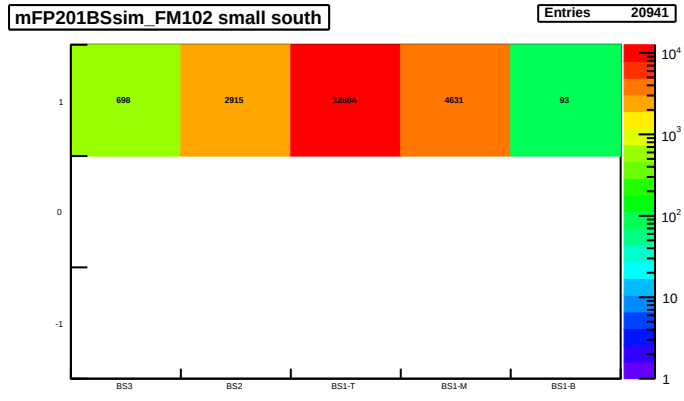
mFM104JP -- South -- Bottom -- FM012
Entries 471894
JP-EF
Unused

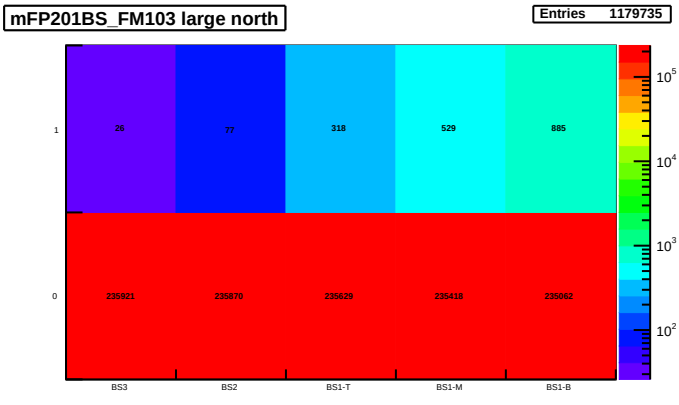
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

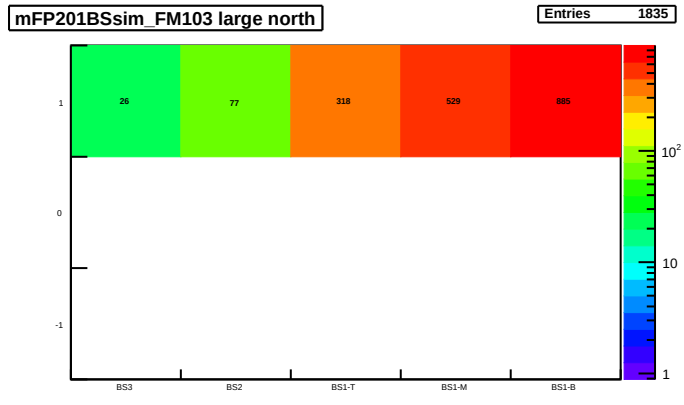

mFP201BS_FM101 small north
Entries 1179735
1551
4946
17353
1875
476
234396
231001
218594
234072
235471
BS3
BS2
BS1-T
BS1-M
BS1-B

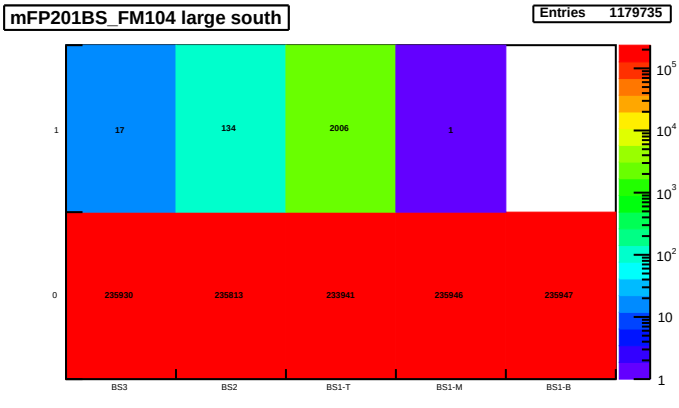

mFP201BSsim_FM101 small north
Entries 26201
1551
4946
17353
1875
476
BS3
BS2
BS1-T
BS1-M
BS1-B

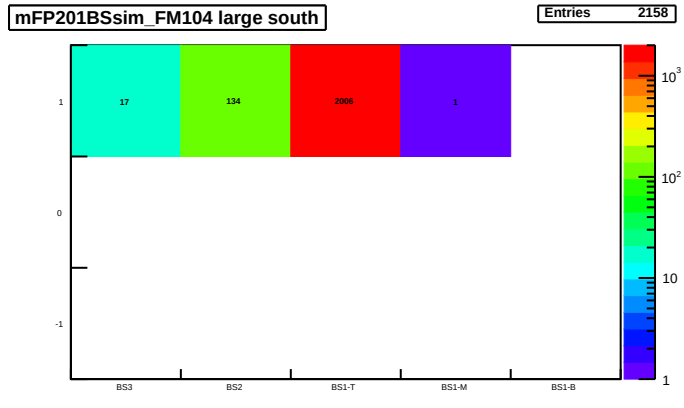

mFP201BS_FM102 small south
Entries 1179735
698
2915
12604
4631
93
235249
233032
223343
231316
235854
BS3
BS2
BS1-T
BS1-M
BS1-B

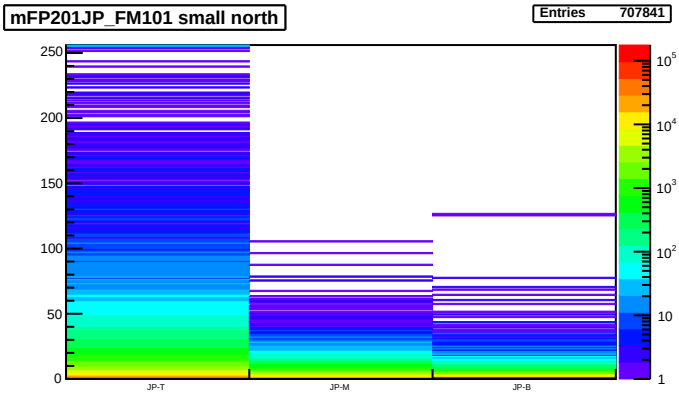

mFP201BSsim_FM102 small south
Entries 20941
698
2915
12604
4631
93
BS3
BS2
BS1-T
BS1-M
BS1-B

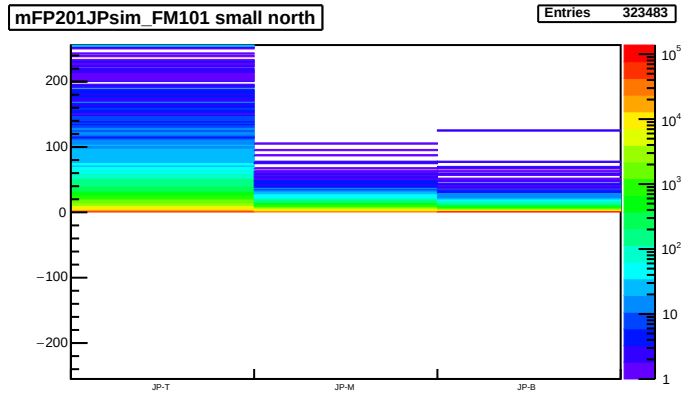

mFP201BS_FM103 large north
Entries 1179735
26
77
318
529
885
235921
235870
235629
235418
235062
BS3
BS2
BS1-T
BS1-M
BS1-B

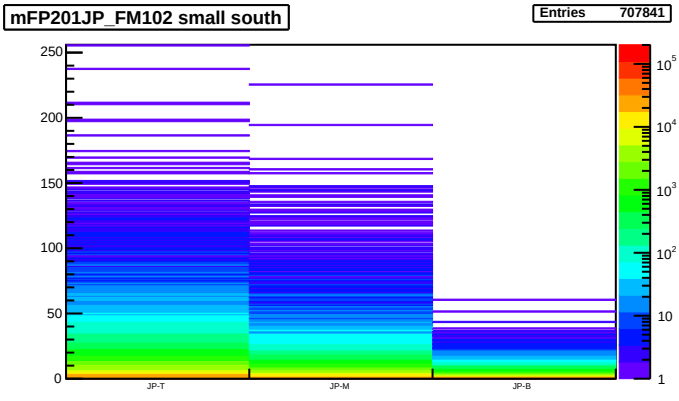

mFP201BSsim_FM103 large north
Entries 1835
26
77
318
529
885
BS3
BS2
BS1-T
BS1-M
BS1-B

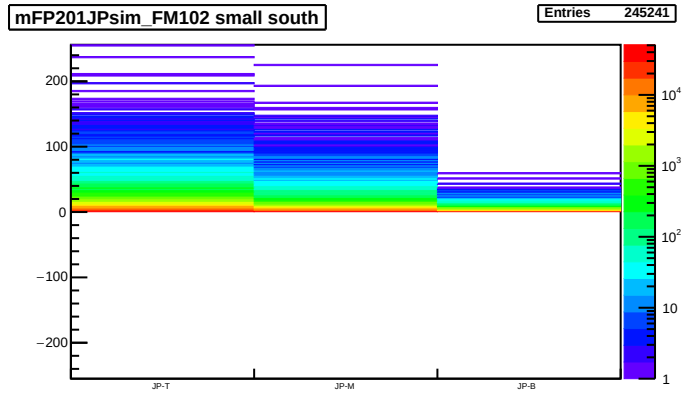

mFP201BS_FM104 large south
Entries 1179735
17
134
2006
1
235930
235813
233941
235946
235947
BS3
BS2
BS1-T
BS1-M
BS1-B

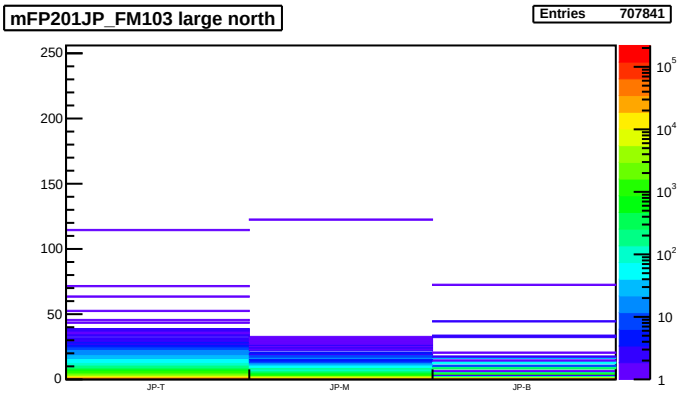

mFP201BSsim_FM104 large south
Entries 2158
17
134
2006
1
BS3
BS2
BS1-T
BS1-M
BS1-B

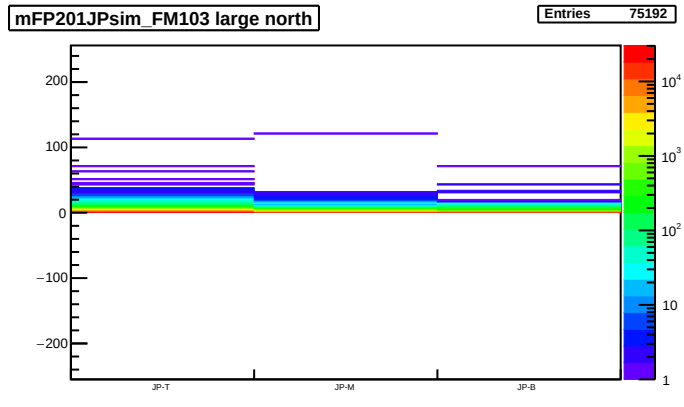

mFP201JP_FM101 small north
Entries 707841
JP-T
JP-M
JP-B

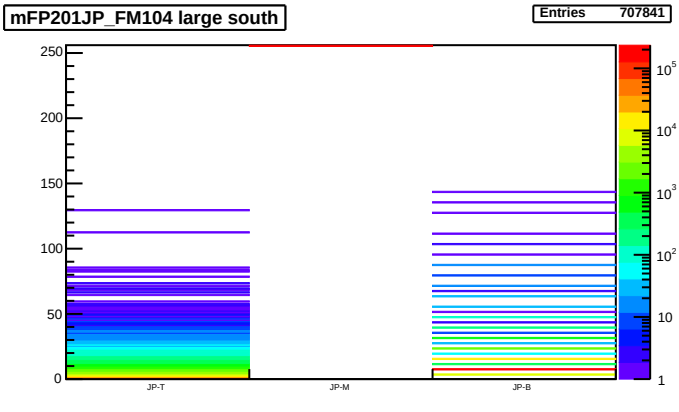

mFP201JPsim_FM101 small north
Entries 323483
JP-T
JP-M
JP-B

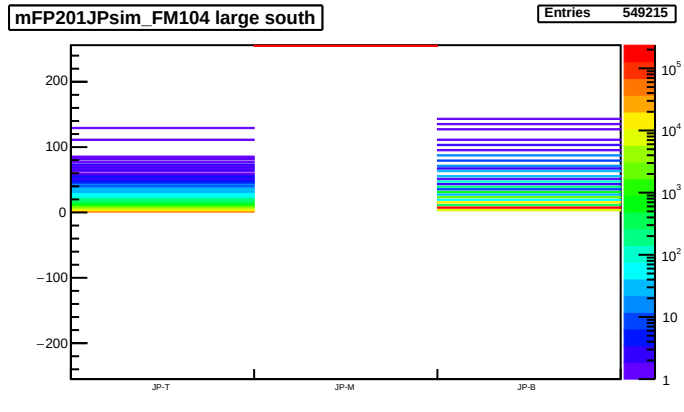

mFP201JP_FM102 small south
Entries 707841
JP-T
JP-M
JP-B

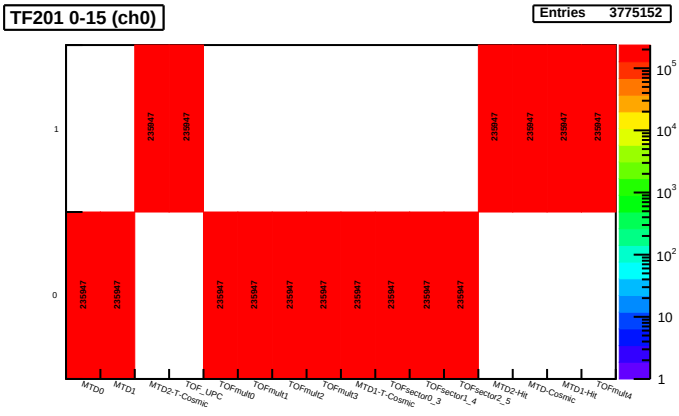

mFP201JPsim_FM102 small south
Entries 245241
JP-T
JP-M
JP-B

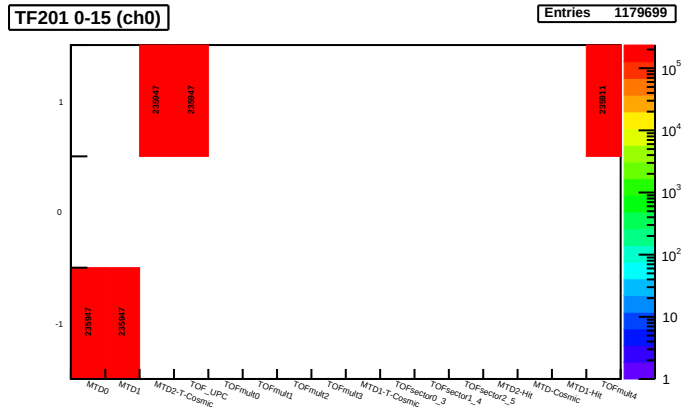

mFP201JP_FM103 large north
Entries 707841
JP-T
JP-M
JP-B

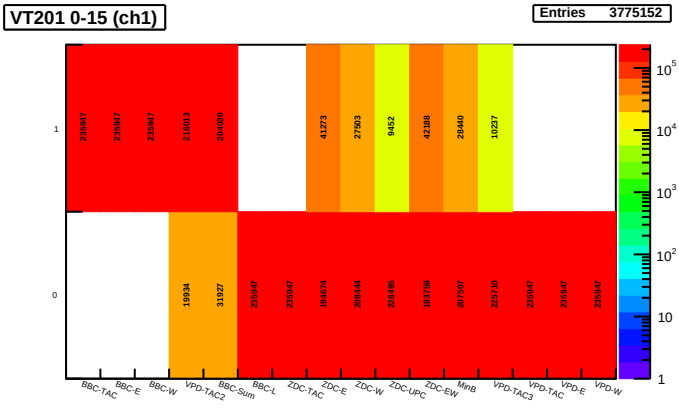

mFP201JPsim_FM103 large north
Entries 75192
JP-T
JP-M
JP-B

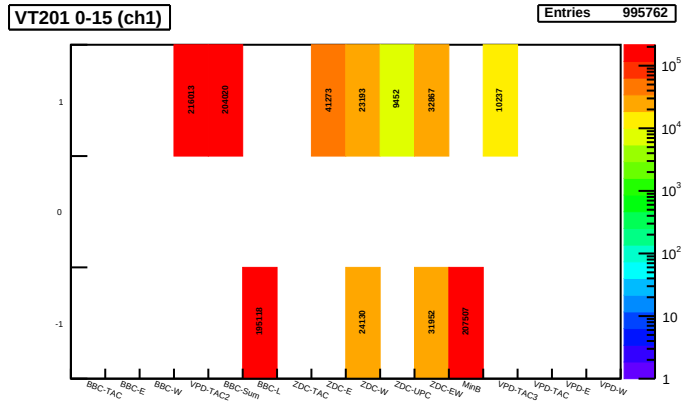

mFP201JP_FM104 large south
Entries 707841
JP-T
JP-M
JP-B

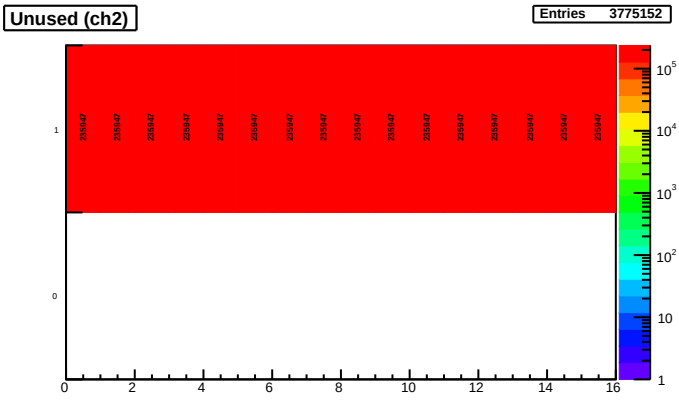

mFP201JPsim_FM104 large south
Entries 549215
JP-T
JP-M
JP-B

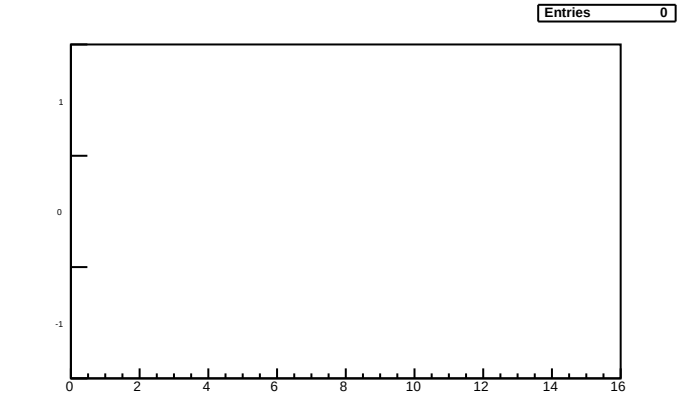

TF201 0-15 (ch0)
Entries 3775152
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

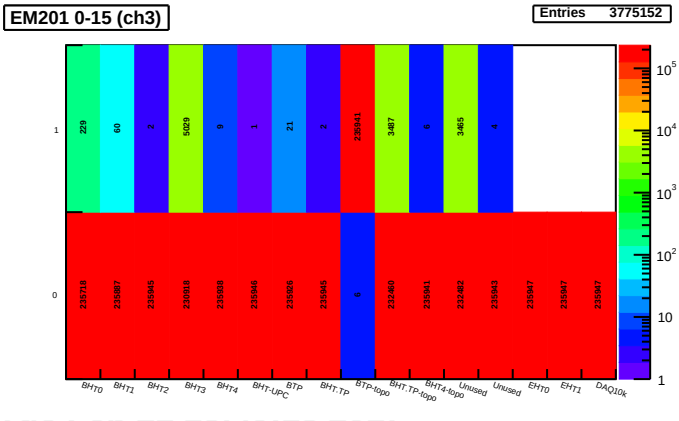

TF201 0-15 (ch0)
Entries 1179699
MTD0
MTD1
MTD2-T-Cosmic
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD1-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
MTD2-Hit
MTD-Cosmic
MTD1-Hit
TOFmult4

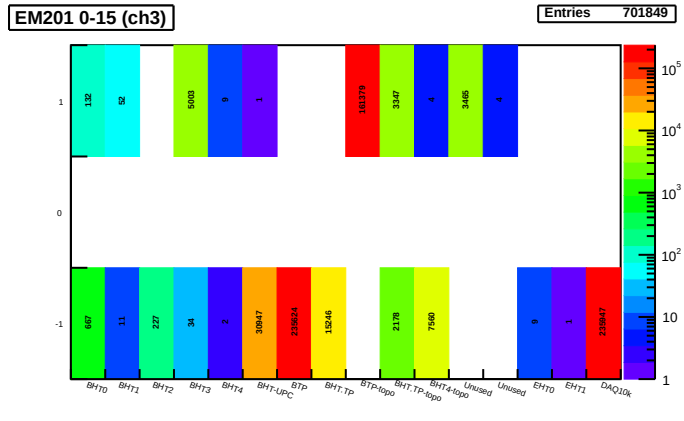

VT201 0-15 (ch1)
Entries 3775152
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

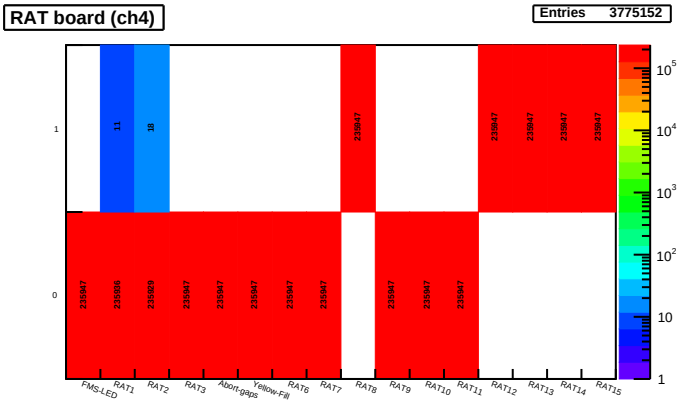

VT201 0-15 (ch1)
Entries 995762
BBC-TAC
BBC-E
BBC-W
VPD-TAC2
BBC-Sum
BBC-L
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
MinB
VPD-TAC3
VPD-TAC
VPD-E
VPD-W

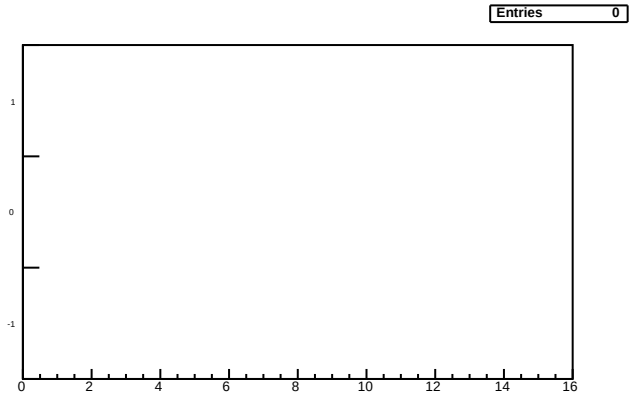

Unused (ch2)
Entries 3775152

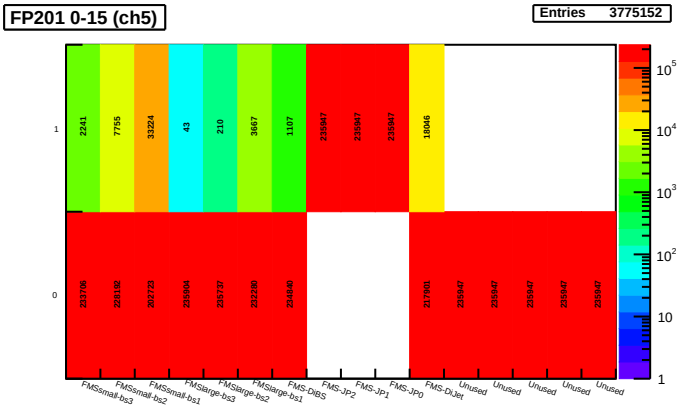

Entries 0

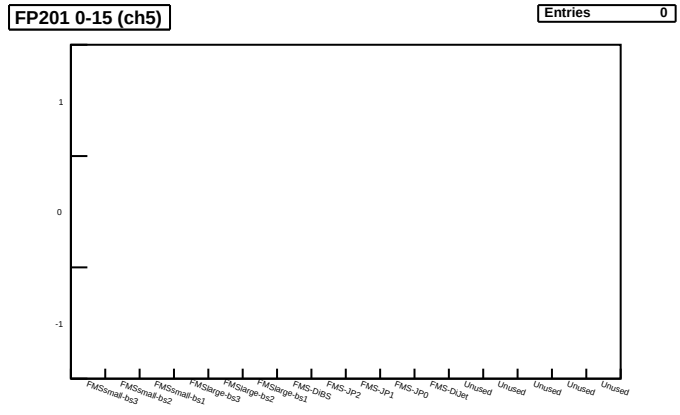

EM201 0-15 (ch3)
Entries 3775152
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

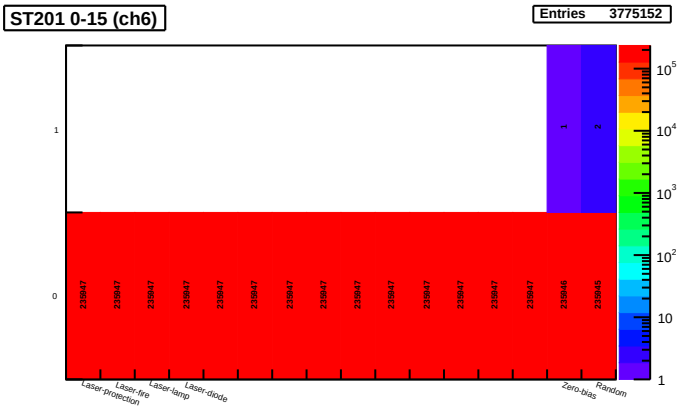

EM201 0-15 (ch3)
Entries 701849
BHT0
BHT1
BHT2
BHT3
BHT4
BHT-UPC
BTP
BHT-TP
BTP-topo
BHT-TP-topo
BHT4-topo
Unused
Unused
EHT0
EHT1
DAQ10k

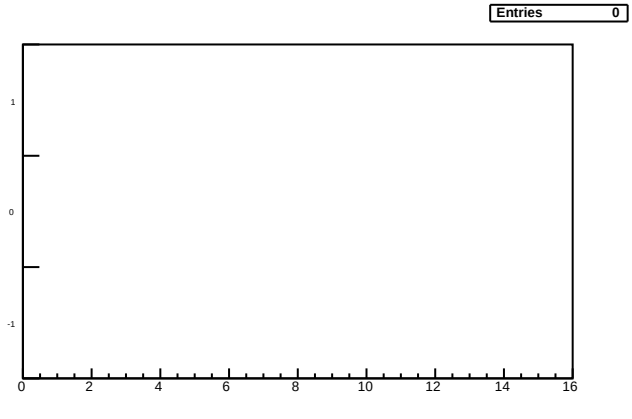

RAT board (ch4)
Entries 3775152
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15

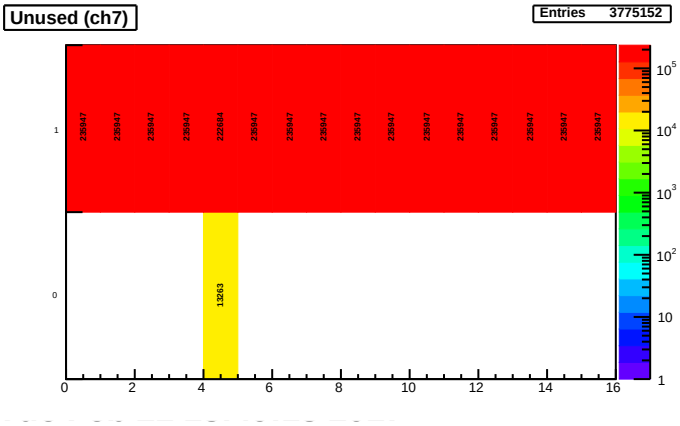

Entries 0

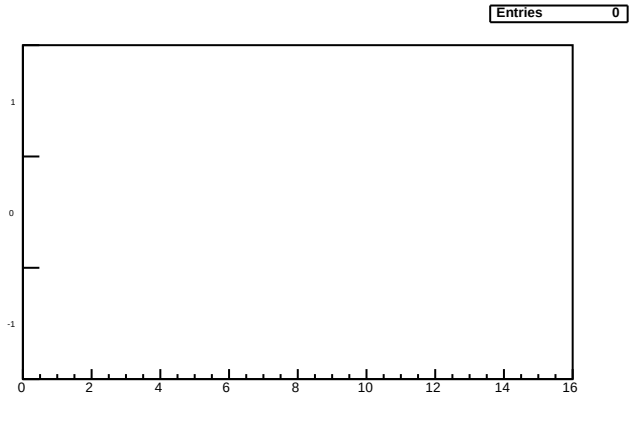

FP201 0-15 (ch5)
Entries 3775152
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused
Unused
Unused
Unused
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 3775152
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random


Entries 0


Unused (ch7)
Entries 3775152


Entries 0